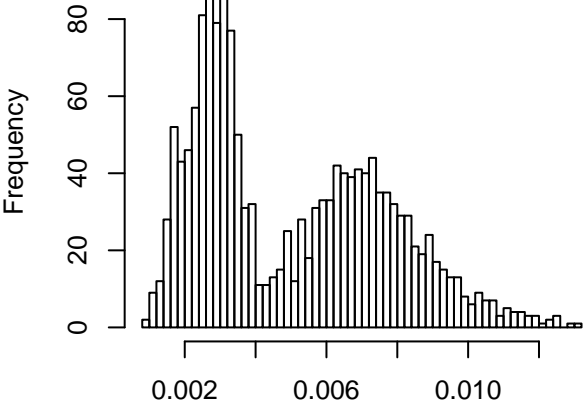
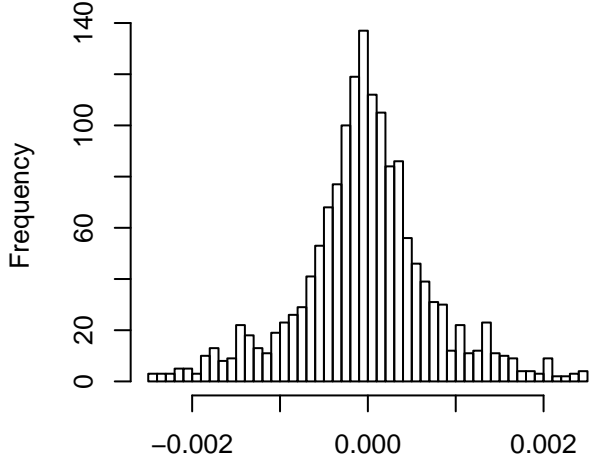


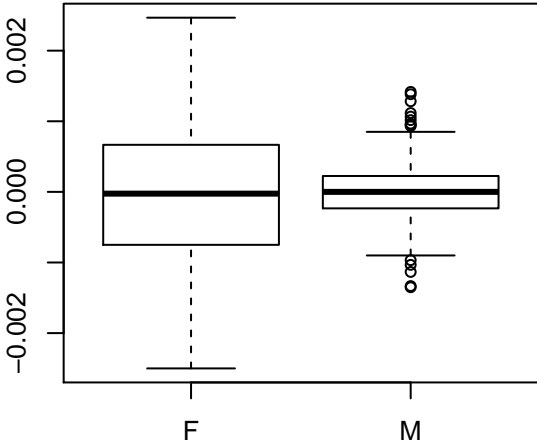
**Adrenals.Adrenals\_g – raw (outliers remov  
(n = 1602 )**



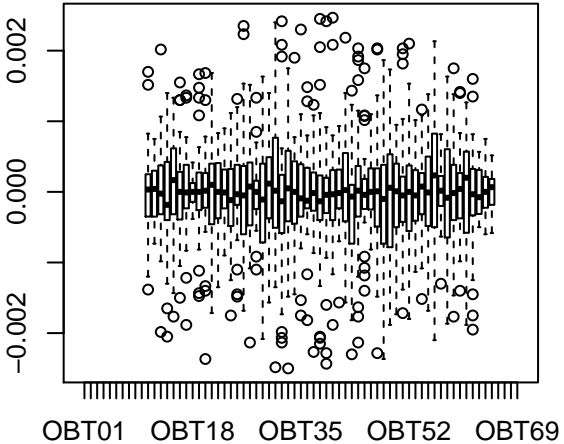
**Residuals (n = 1548 )**



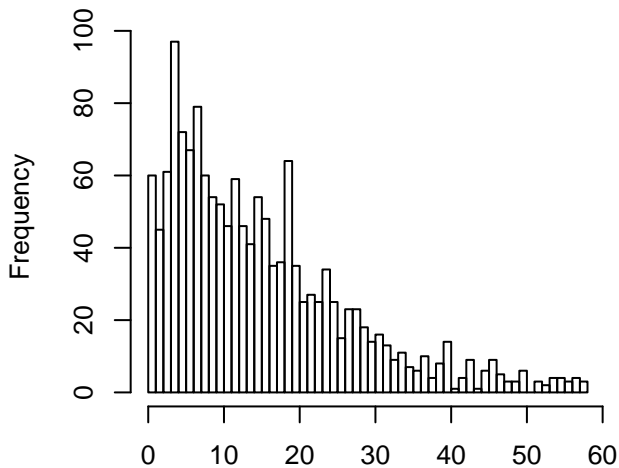
**Residuals**



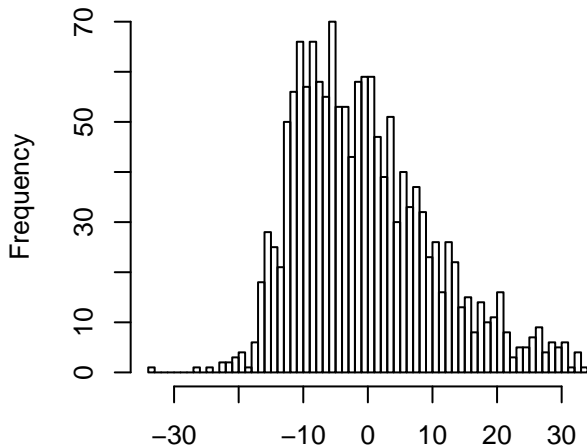
**Residuals**



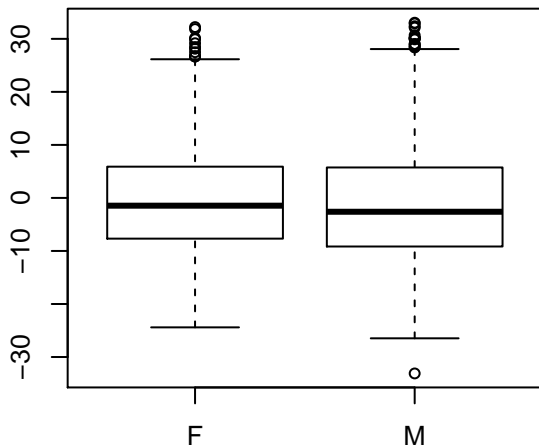
**Residuals.Adrenals\_delta\_percent - raw (outliers)**  
(n = 1508)



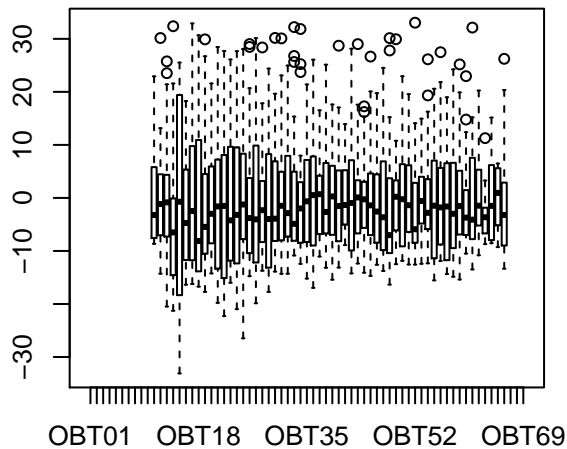
**Residuals (n = 1489)**



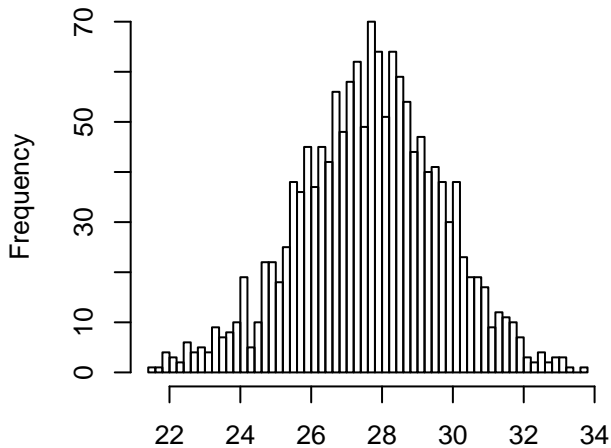
**Residuals**



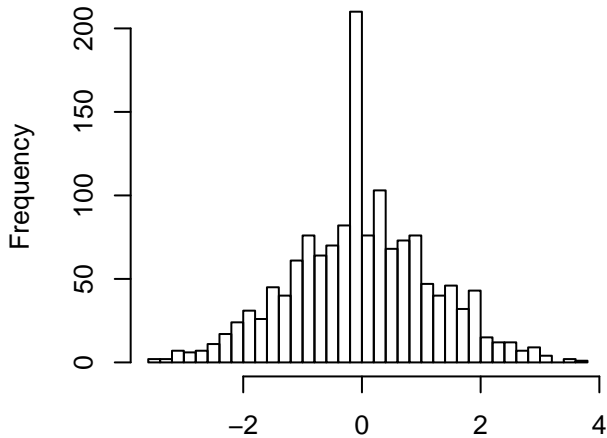
**Residuals**



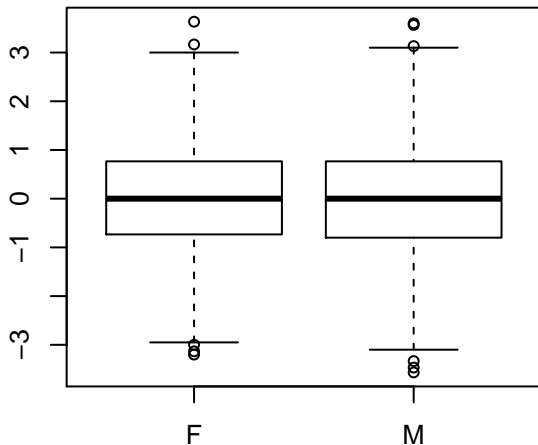
**Bioch.Albumin – raw (outliers removed)**  
(n = 1487 )



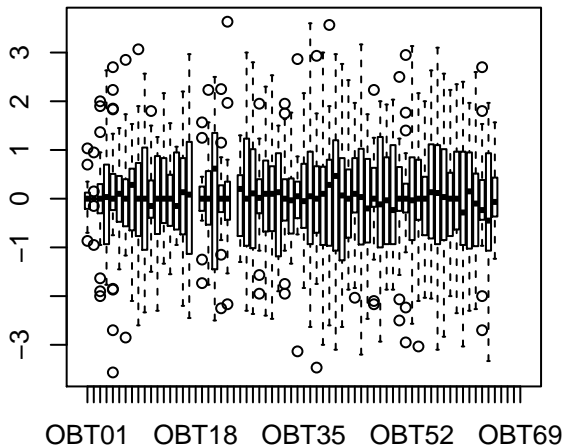
**Residuals (n = 1447 )**



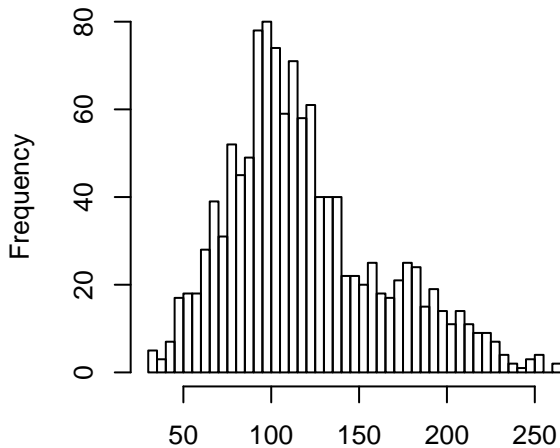
**Residuals**



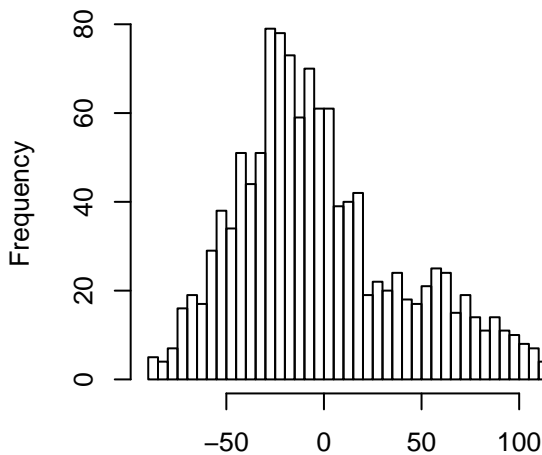
**Residuals**



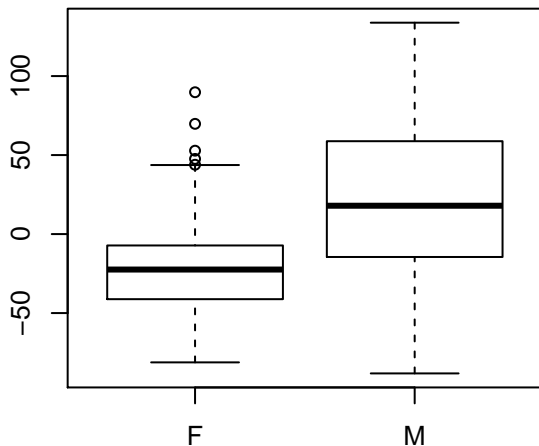
**Bioch.ALP – raw (outliers removed)**  
(n = 1238)



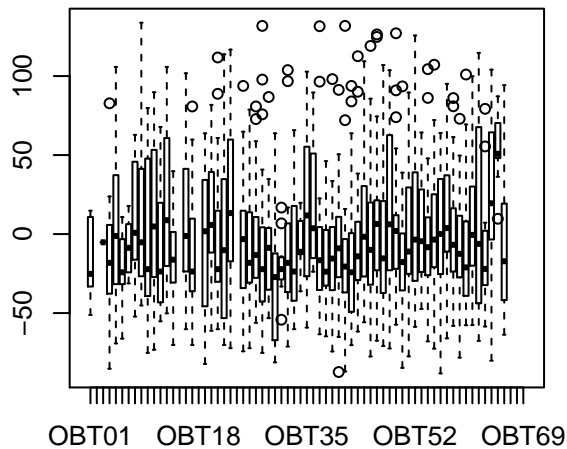
**Residuals (n = 1230)**



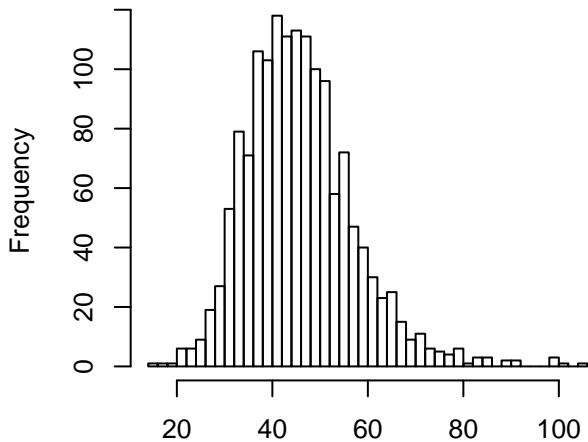
**Residuals**



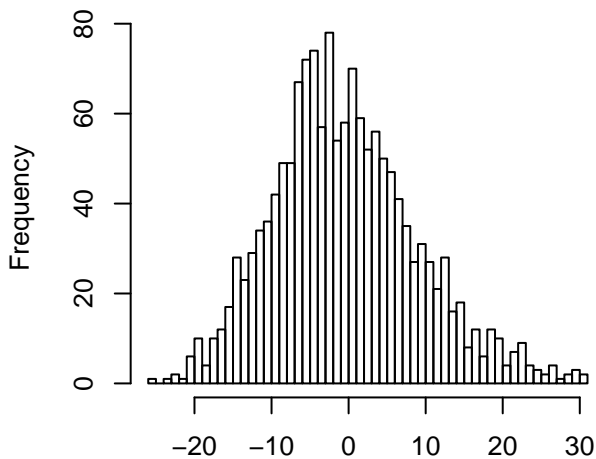
**Residuals**



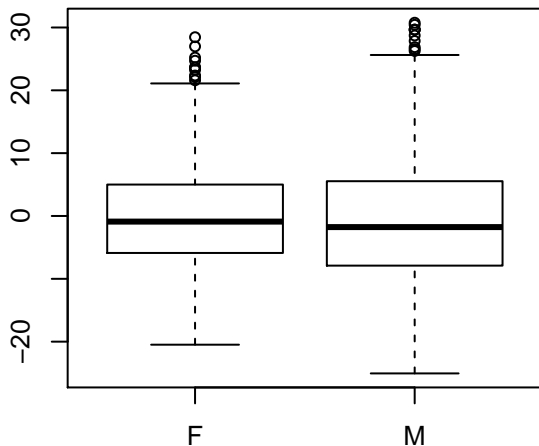
**Bioch.ALAT – raw (outliers removed)**  
**(n = 1498 )**



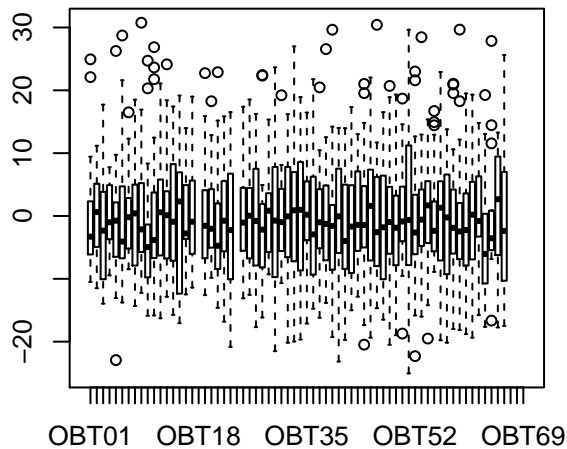
**Residuals (n = 1481 )**



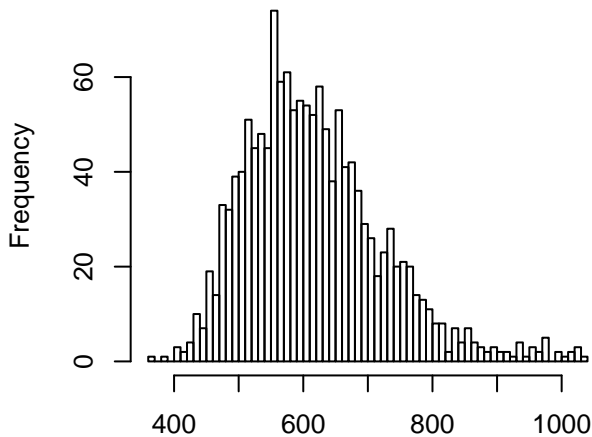
**Residuals**



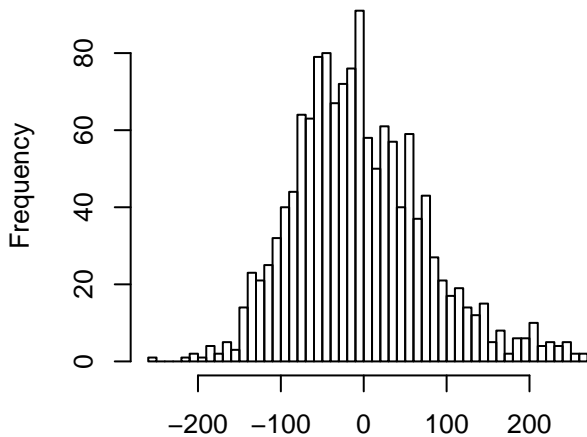
**Residuals**



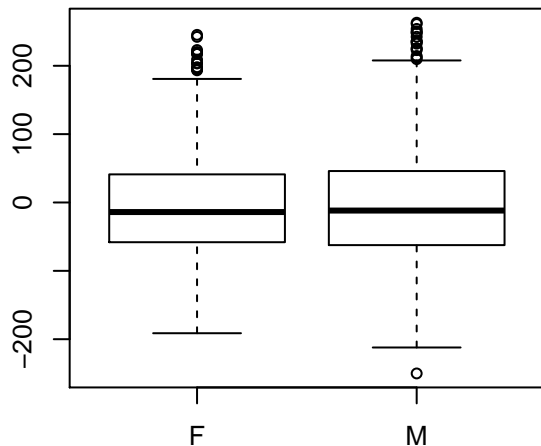
**Bioch.Amylase – raw (outliers removed)**  
(n = 1419)



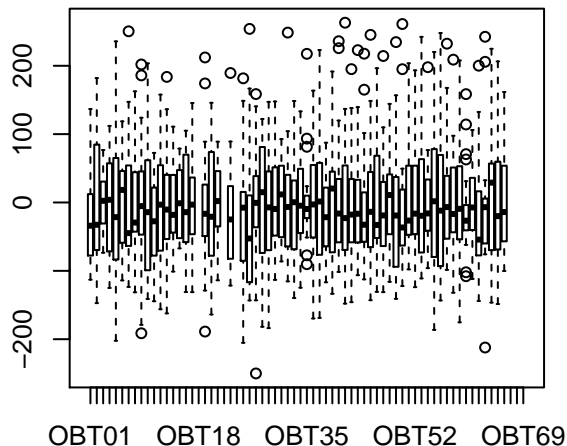
**Residuals (n = 1399)**



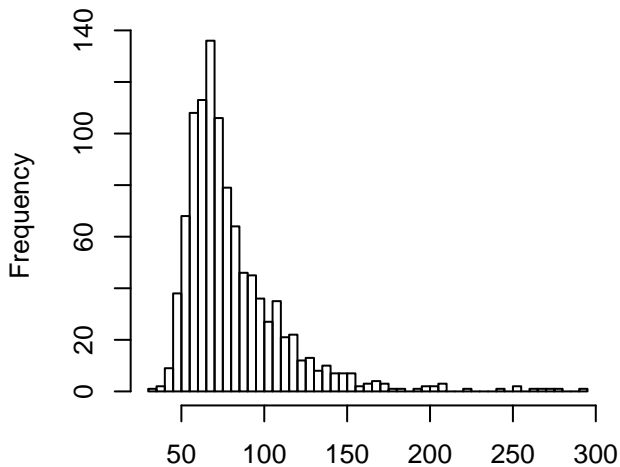
**Residuals**



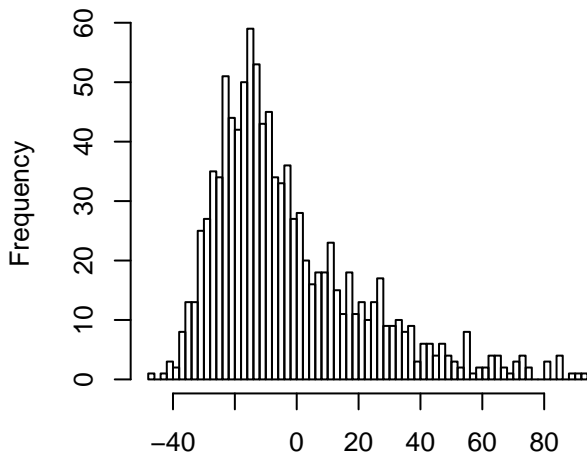
**Residuals**



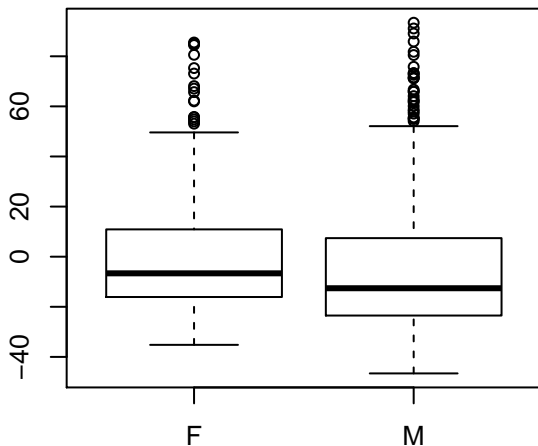
**Bioch.ASAT – raw (outliers removed)**  
(n = 1051 )



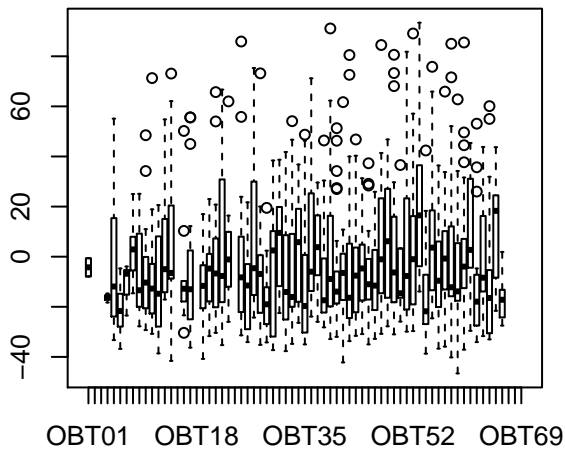
**Residuals (n = 1032 )**



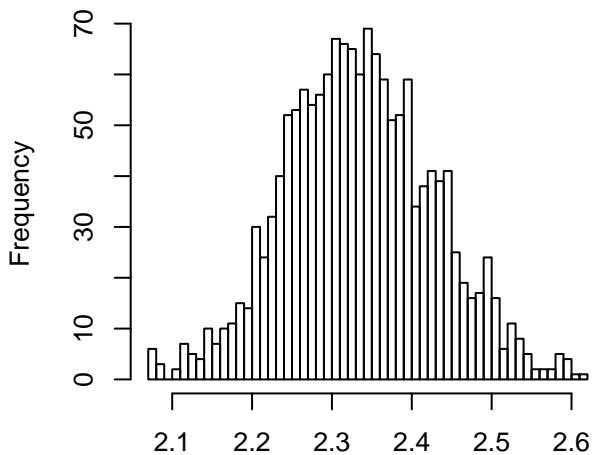
**Residuals**



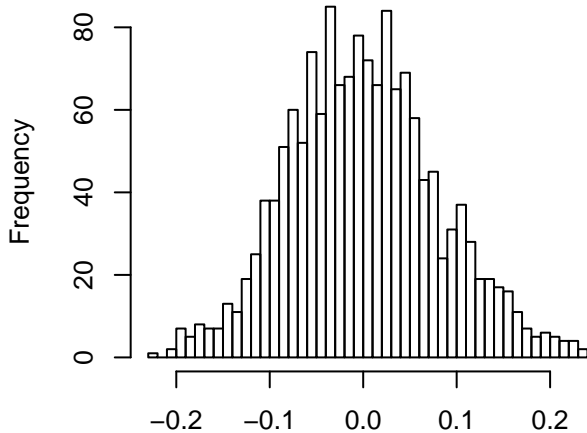
**Residuals**



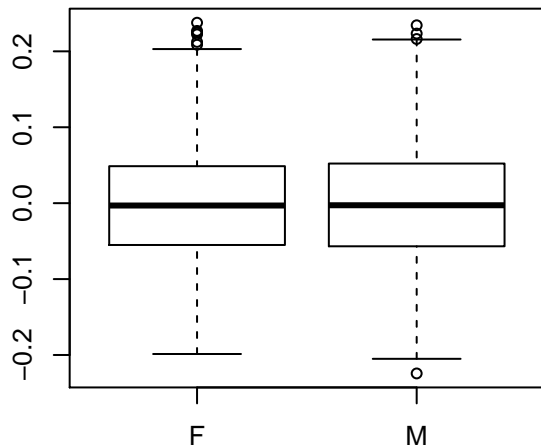
**Bioch.Calcium - raw (outliers removed)**  
(n = 1521)



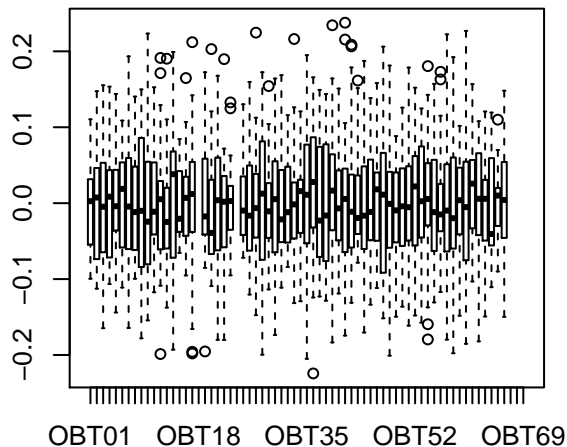
**Residuals (n = 1511)**



**Residuals**

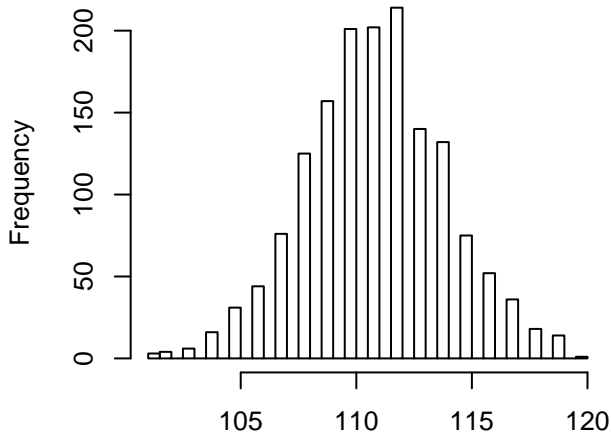


**Residuals**

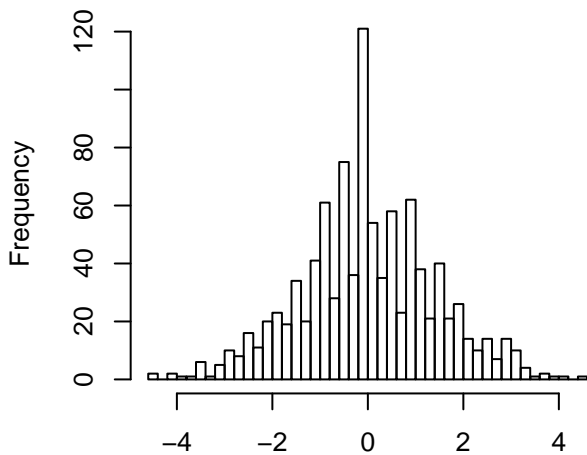




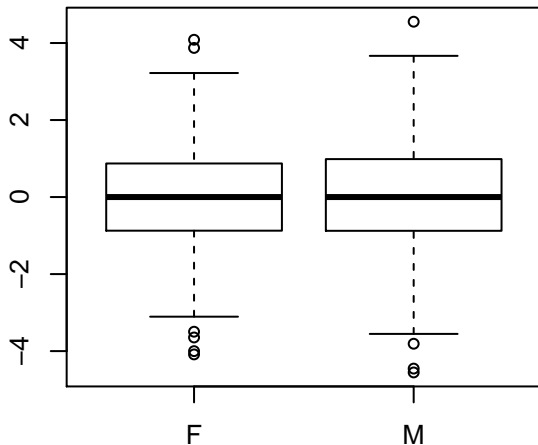
**Bioch.Chloride – raw (outliers removed)**  
(n = 1547 )



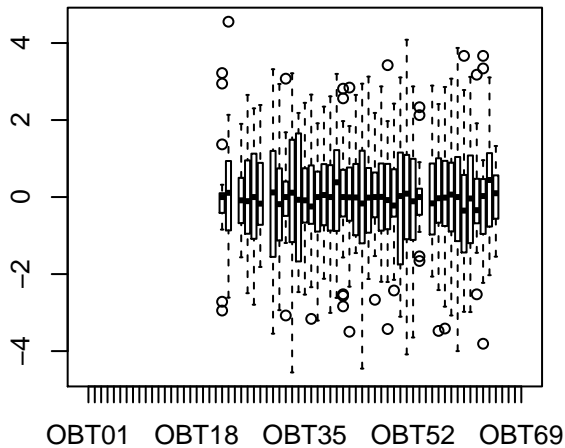
**Residuals (n = 998 )**



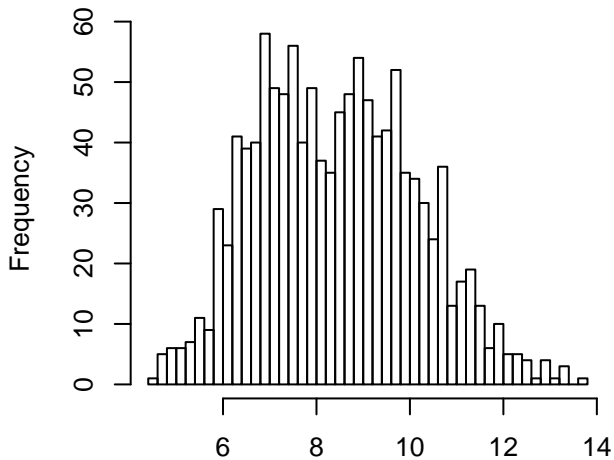
**Residuals**



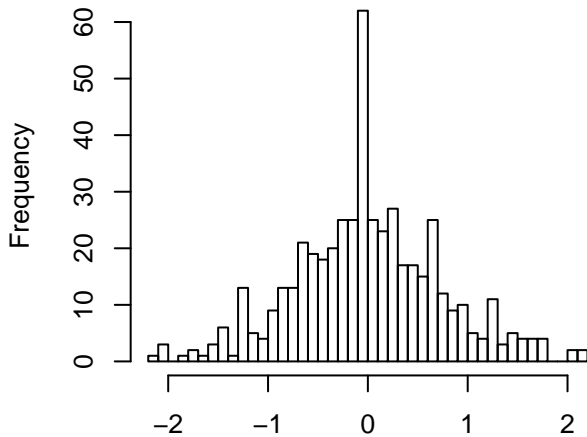
**Residuals**



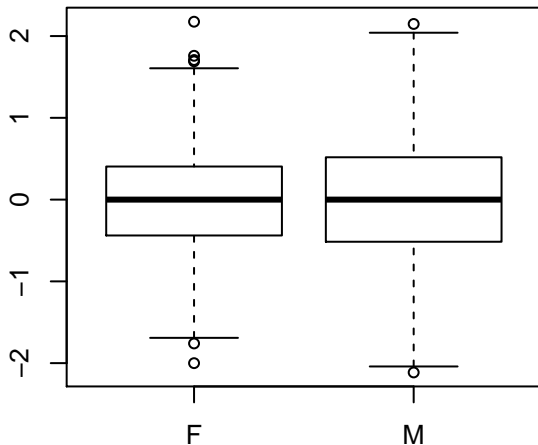
och.CreatinineEnzymatic - raw (outliers ren  
(n = 1179 )



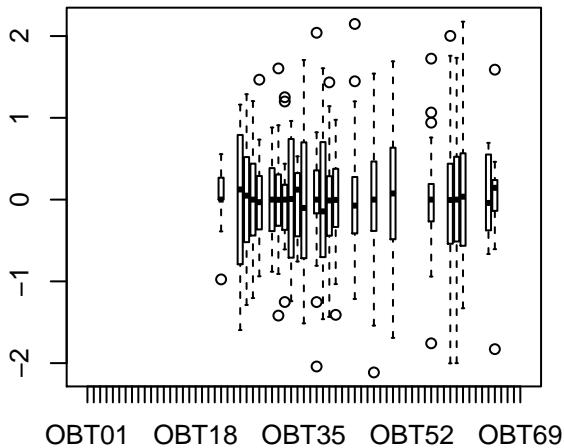
Residuals (n = 489 )



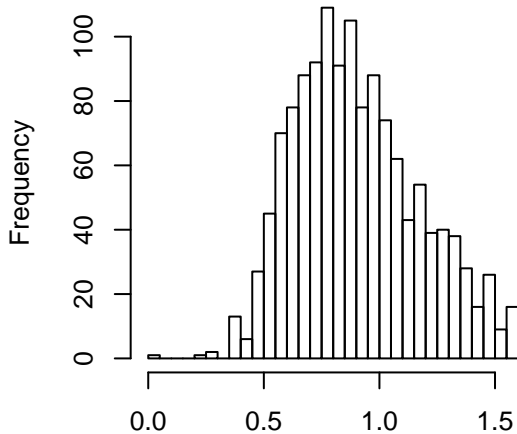
Residuals



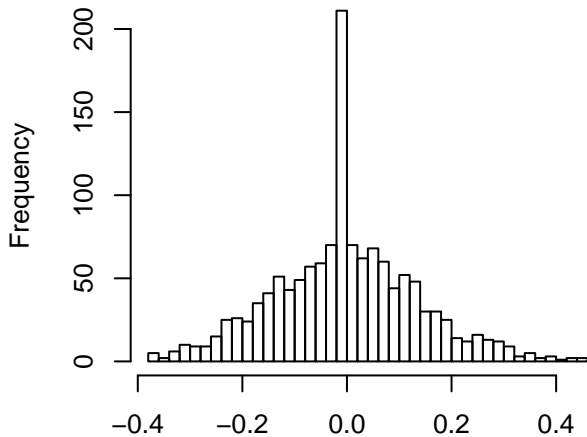
Residuals



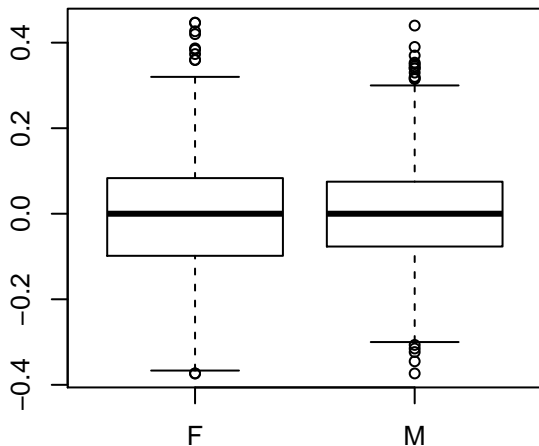
**Bioch.FreeFattyAcid - raw (outliers removed)**  
**(n = 1374)**



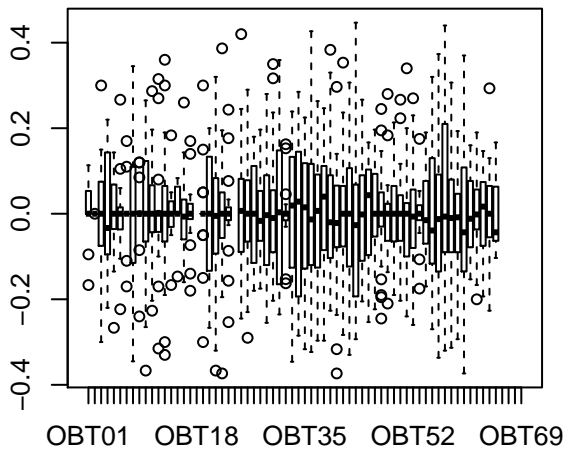
**Residuals (n = 1330)**



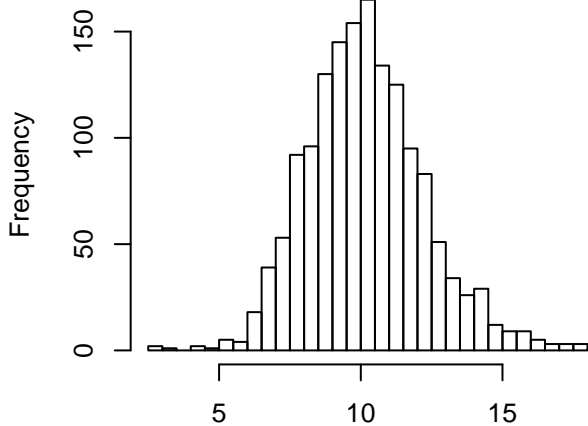
**Residuals**



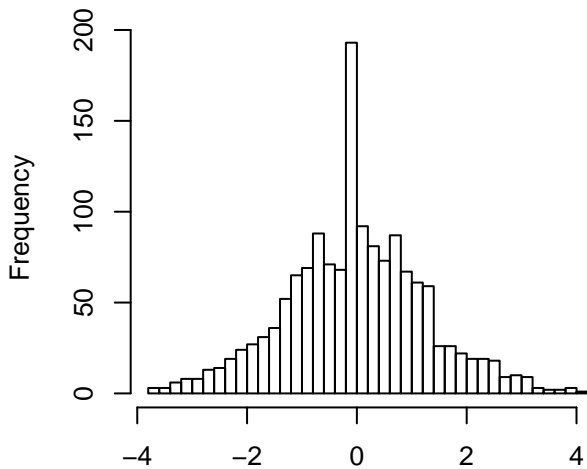
**Residuals**



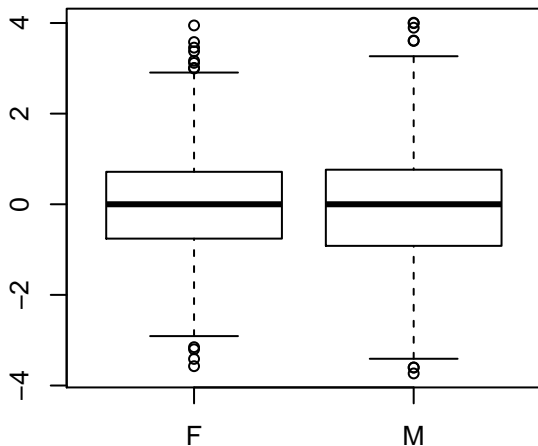
**Bioch.Glucose - raw (outliers removed)**  
(n = 1528)



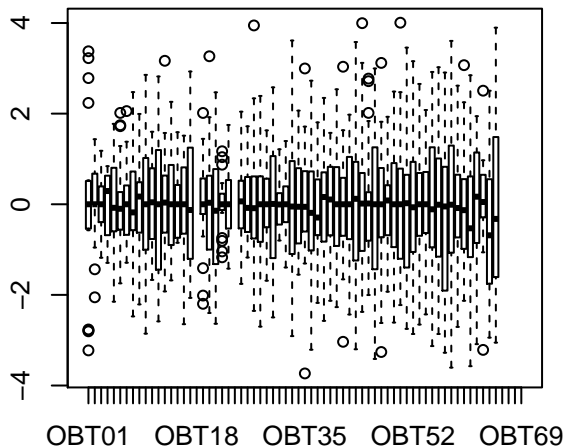
**Residuals (n = 1487)**



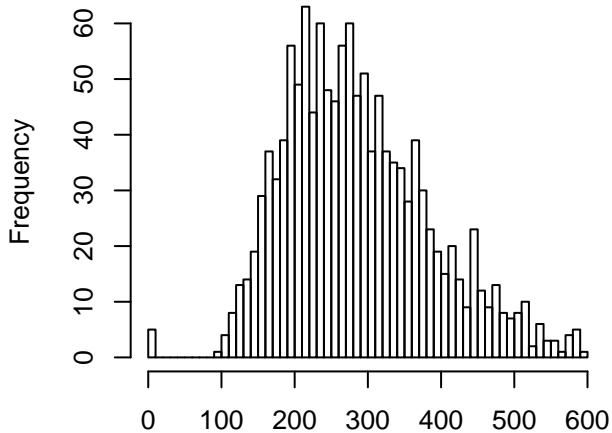
**Residuals**



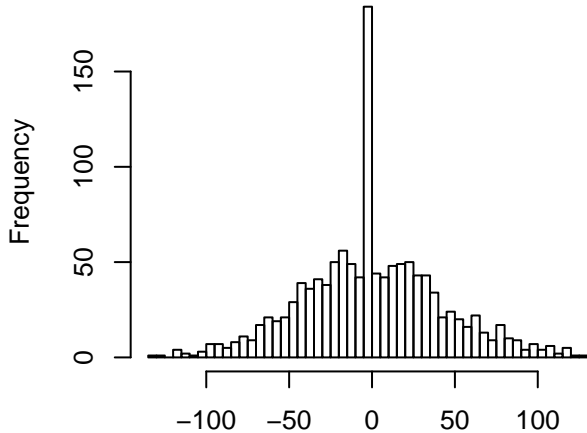
**Residuals**



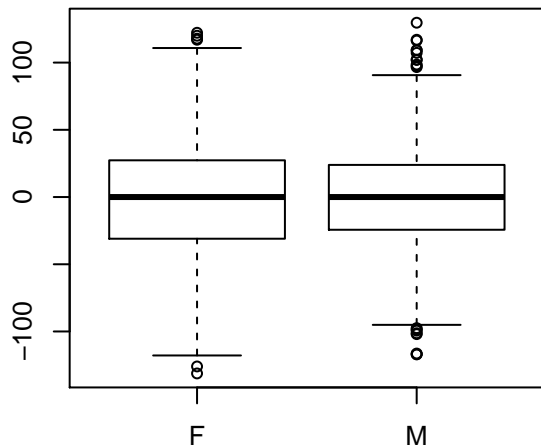
**Bioch.Glycerol – raw (outliers removed)**  
(n = 1283 )



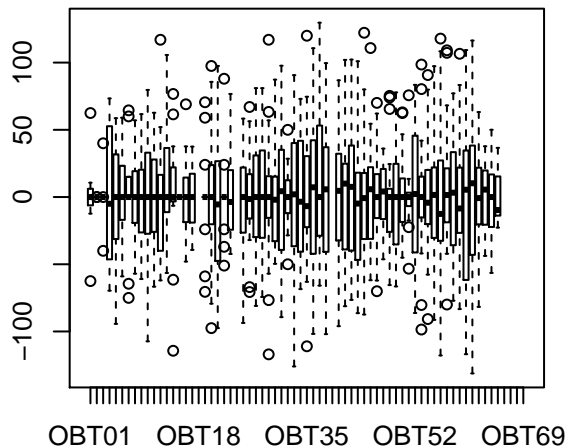
**Residuals (n = 1245 )**



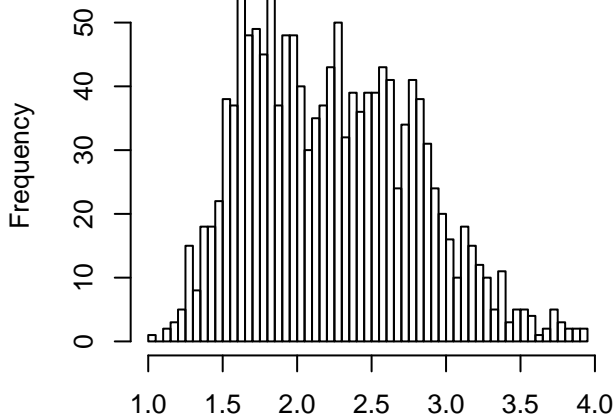
**Residuals**



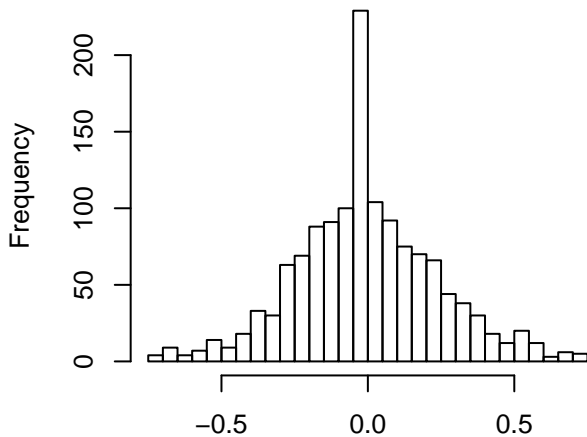
**Residuals**



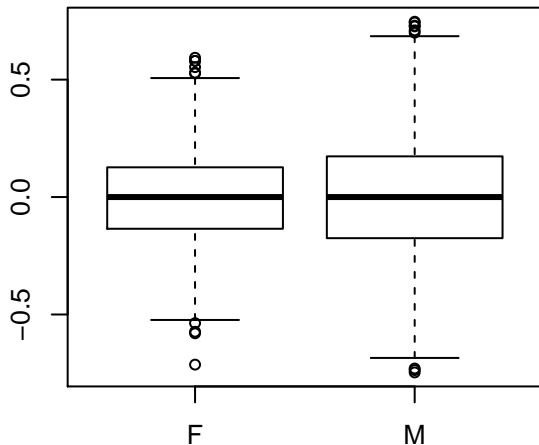
**Bioch.HDL – raw (outliers removed)**  
**(n = 1398 )**



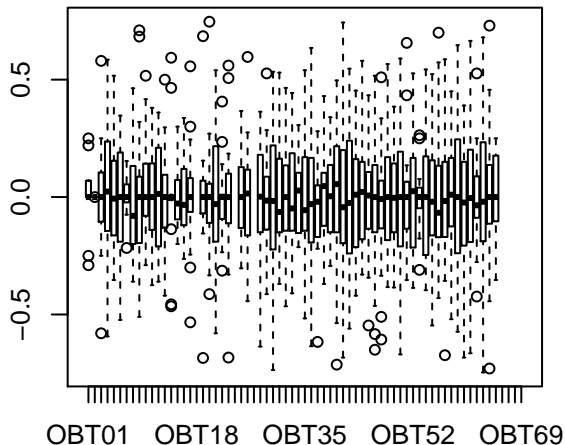
**Residuals (n = 1363 )**



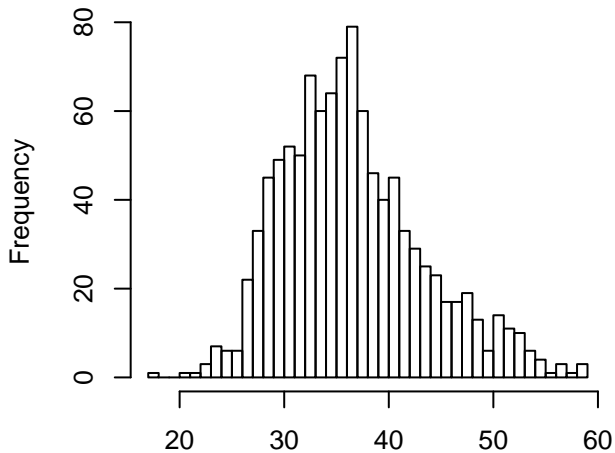
**Residuals**



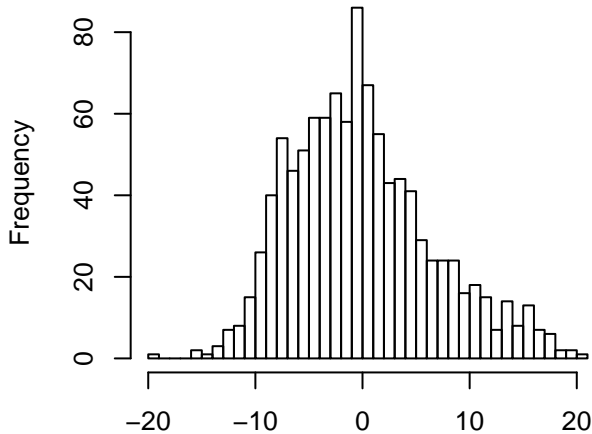
**Residuals**



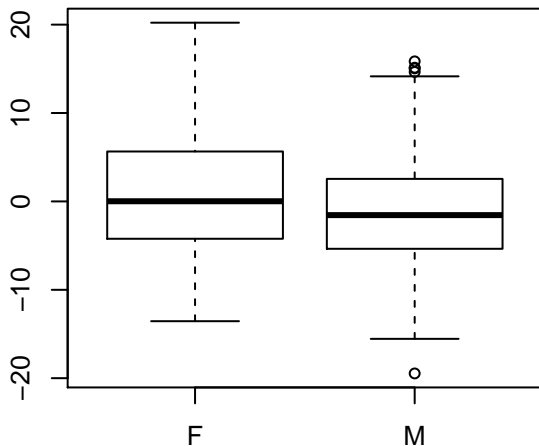
**Bioch.Iron - raw (outliers removed)**  
**(n = 1045)**



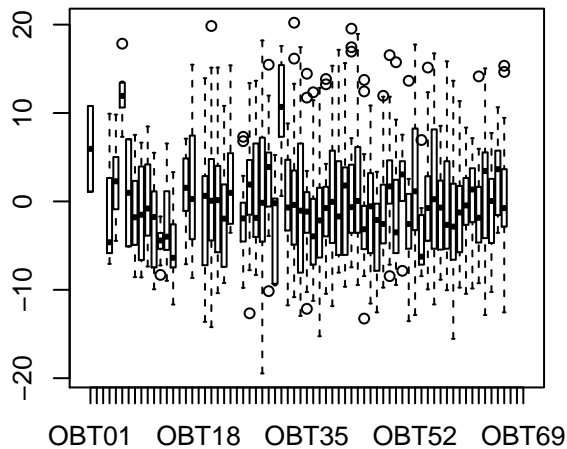
**Residuals (n = 1041)**



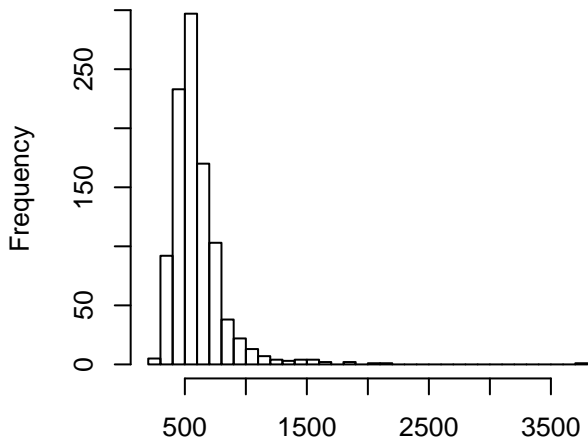
**Residuals**



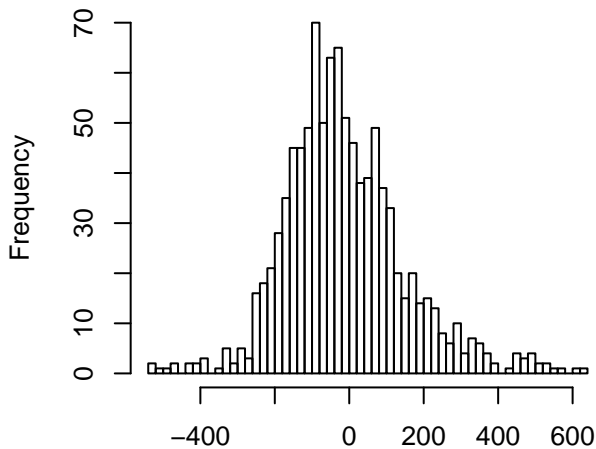
**Residuals**



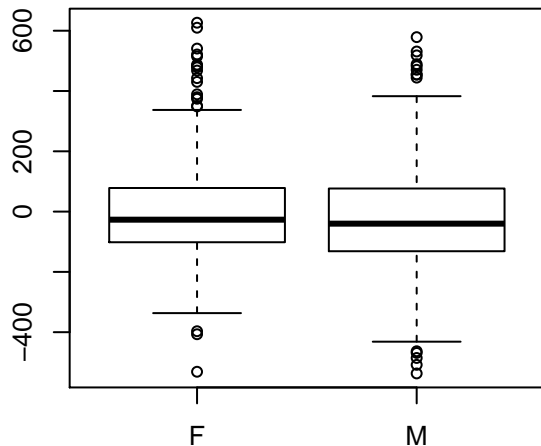
**Bioch.LDH – raw (outliers removed)**  
(n = 1002 )



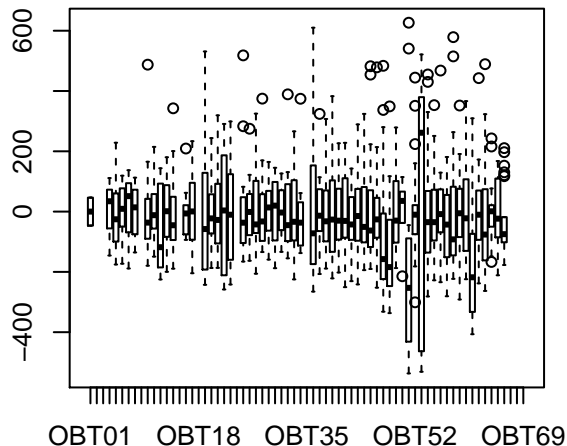
**Residuals (n = 991 )**



**Residuals**

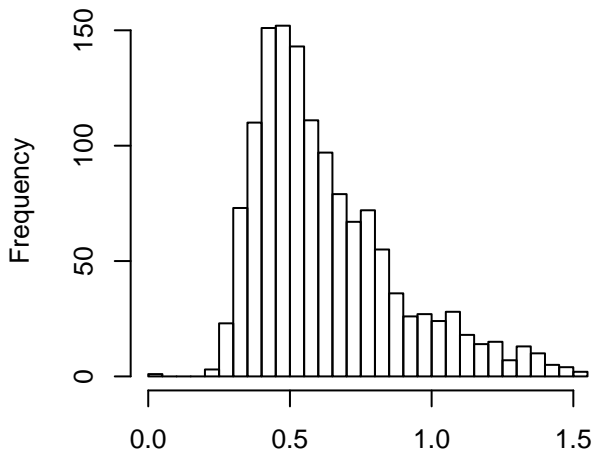


**Residuals**

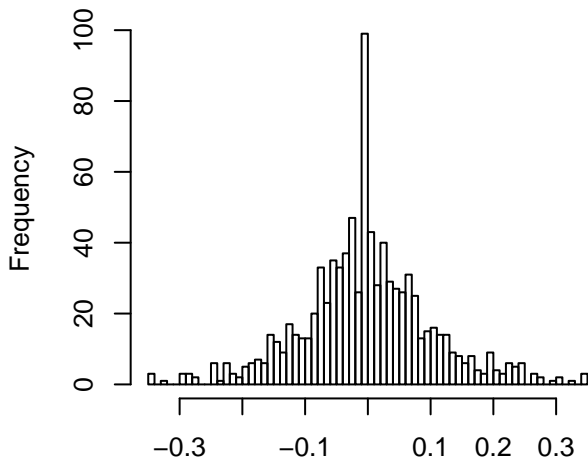




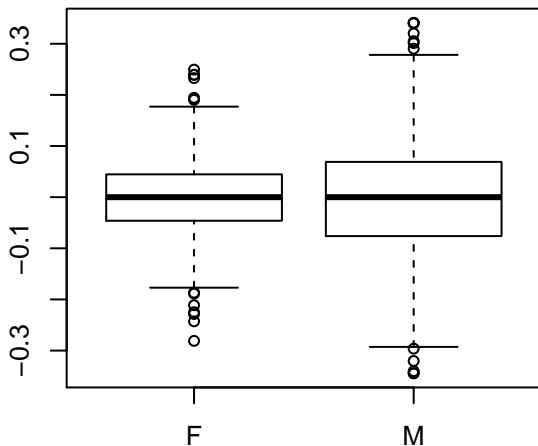
**Bioch.LDL - raw (outliers removed)**  
(n = 1366)



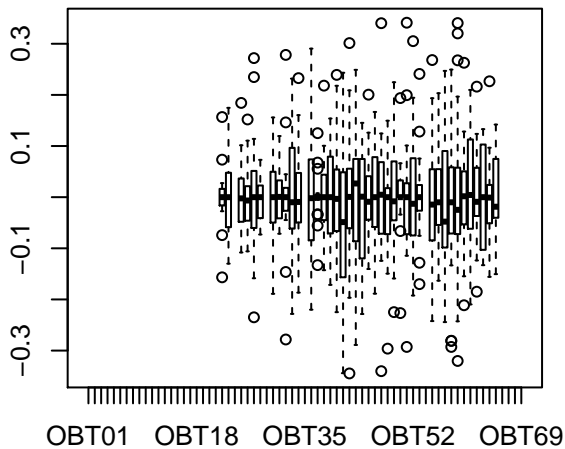
**Residuals (n = 903)**



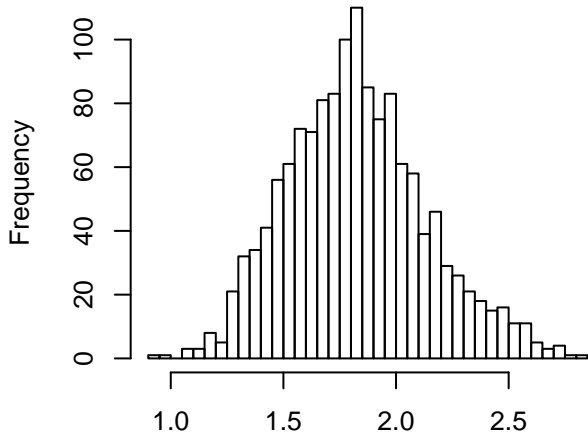
**Residuals**



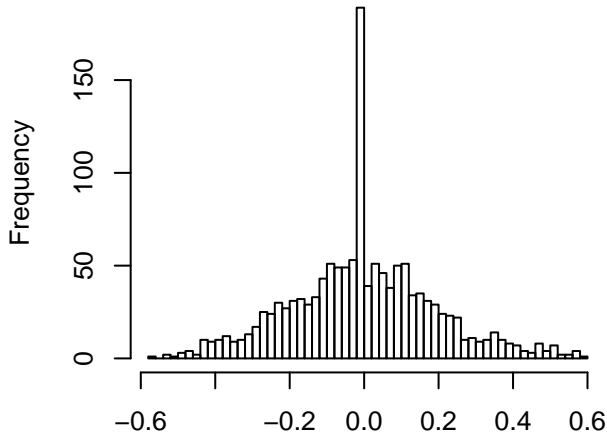
**Residuals**



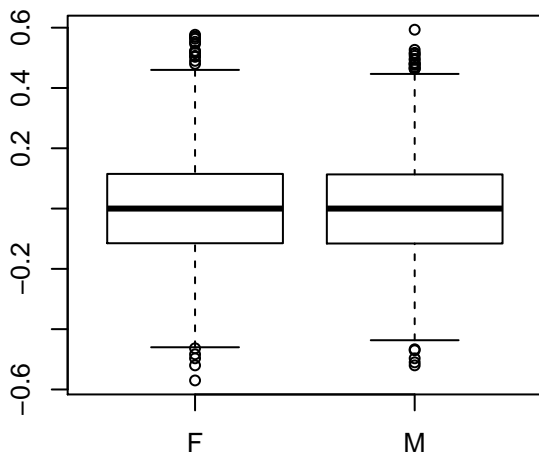
**Bioch.Phosphorous - raw (outliers remove)**  
(n = 1391 )



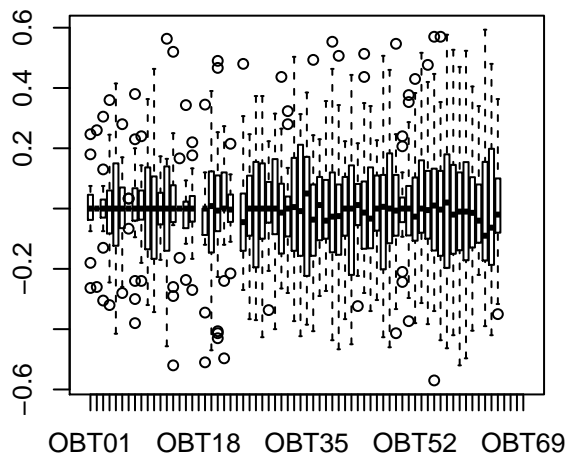
**Residuals (n = 1355 )**



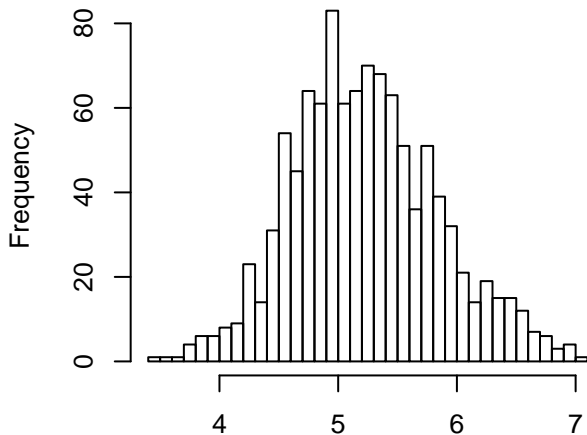
**Residuals**



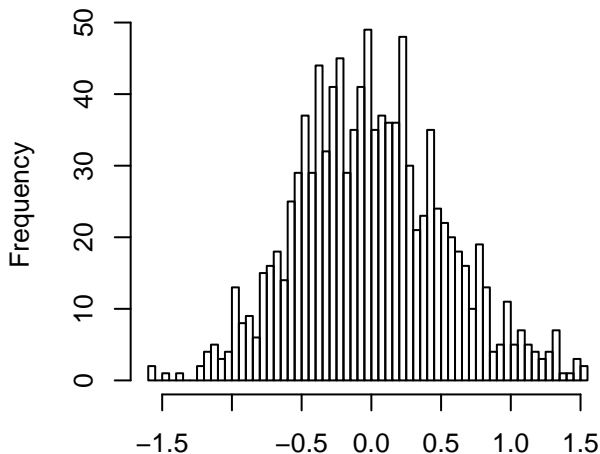
**Residuals**



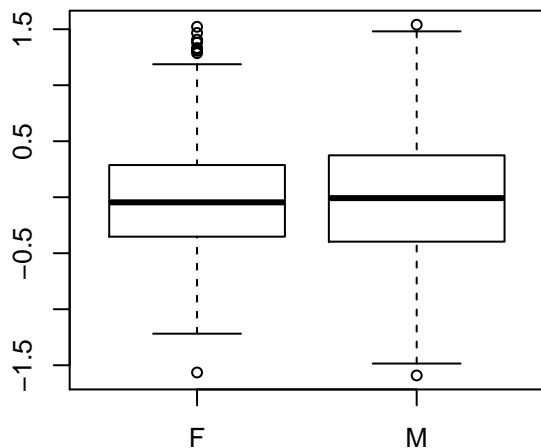
**Bioch.Potassium – raw (outliers removed)**  
**(n = 1063)**



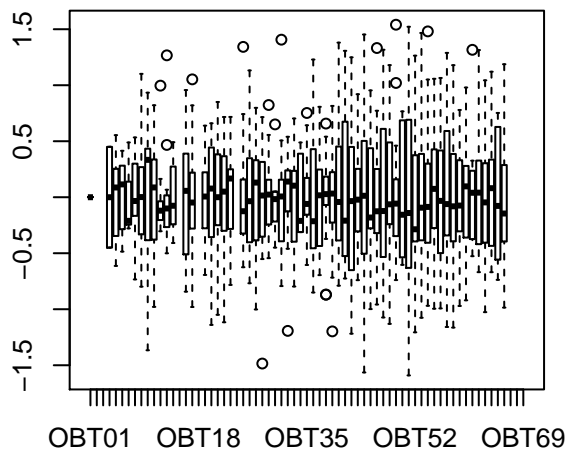
**Residuals (n = 1062)**



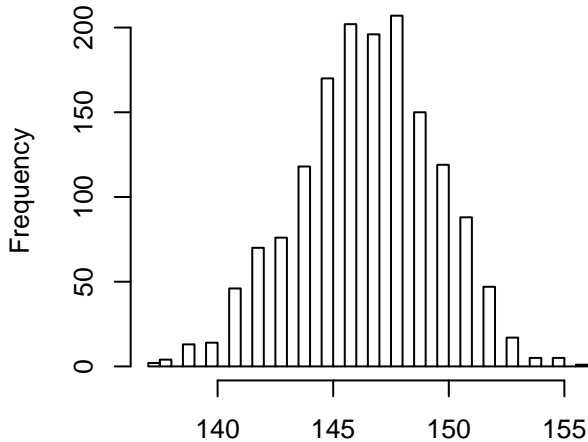
**Residuals**



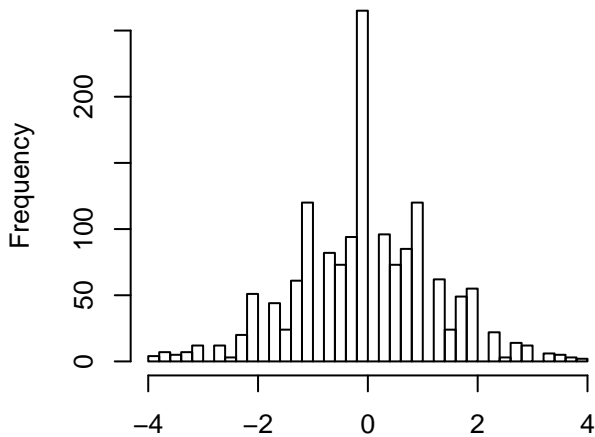
**Residuals**



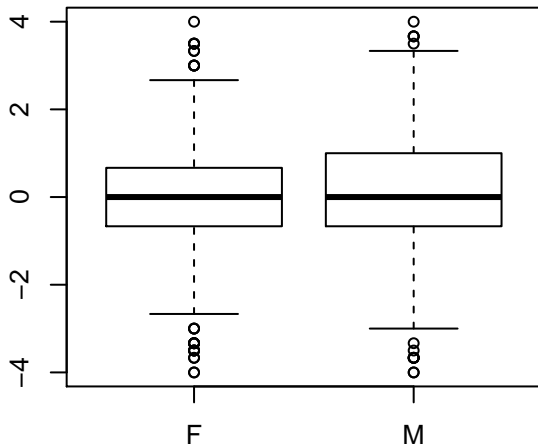
**Bioch.Sodium - raw (outliers removed)**  
(n = 1550)



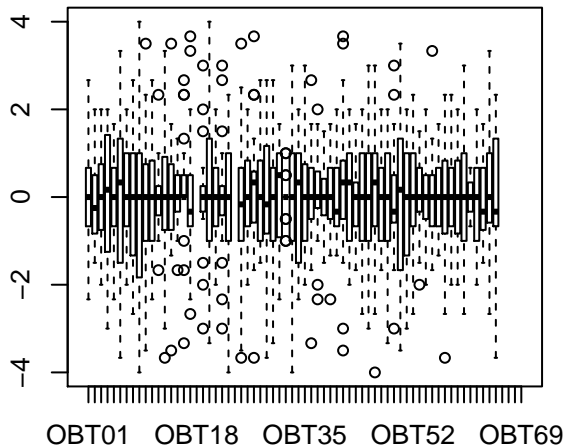
**Residuals (n = 1515)**



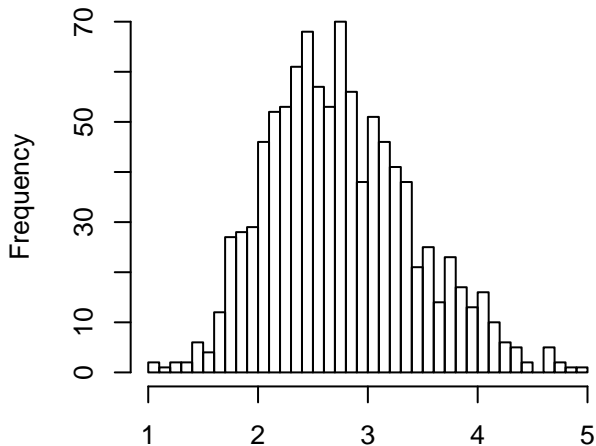
**Residuals**



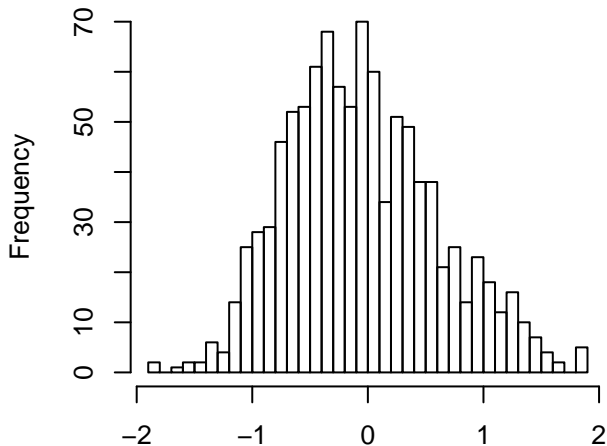
**Residuals**



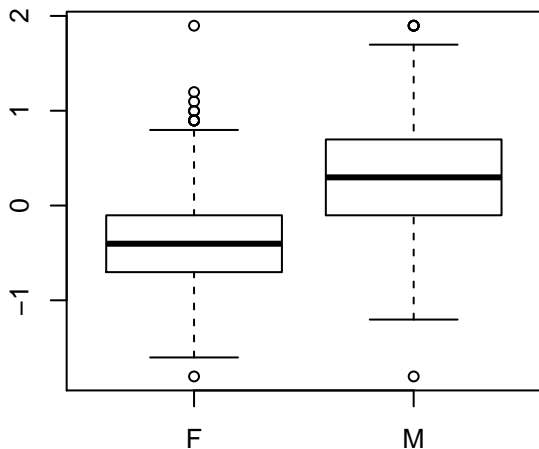
**Bioch.Tot.Bilirubin - raw (outliers remove  
(n = 1004 )**



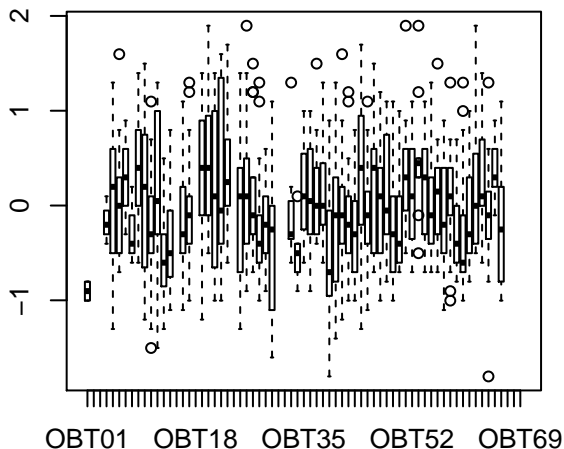
**Residuals (n = 1000 )**



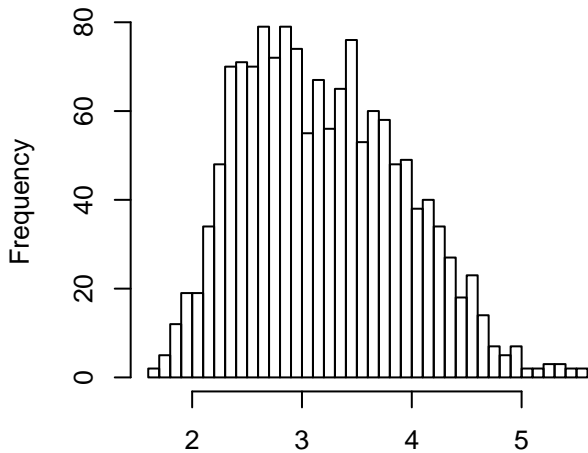
**Residuals**



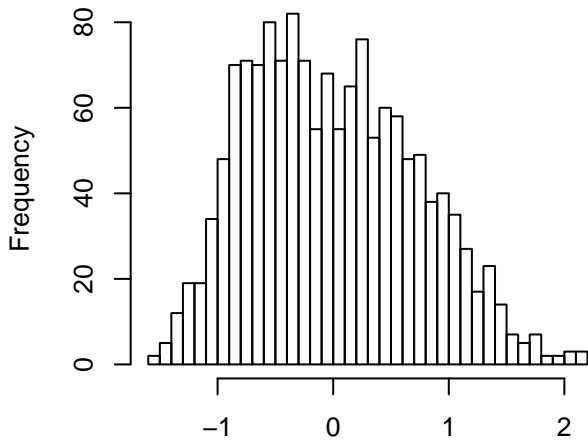
**Residuals**



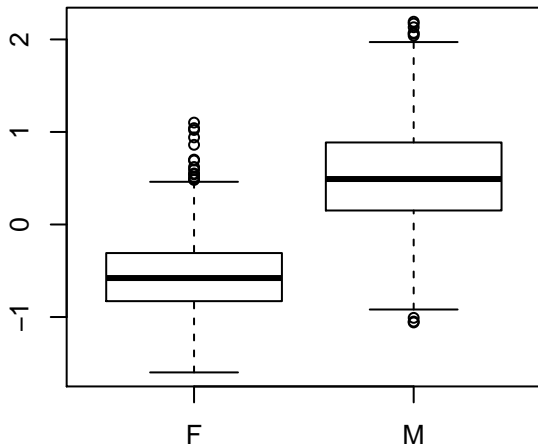
**Bioch.Tot.Cholesterol - raw (outliers remov  
(n = 1468 )**



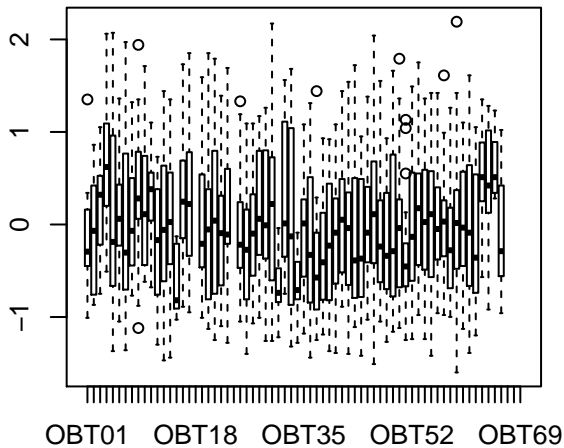
**Residuals (n = 1464 )**



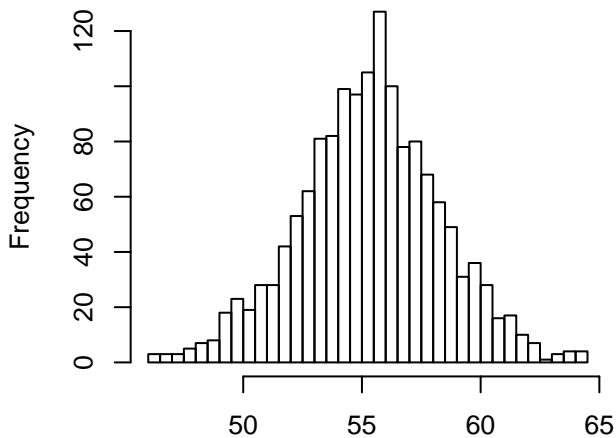
**Residuals**



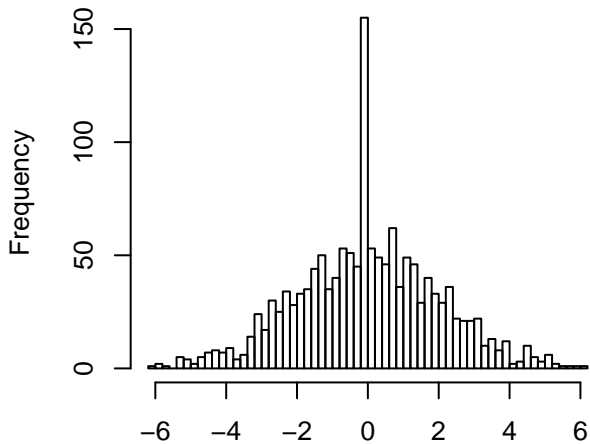
**Residuals**



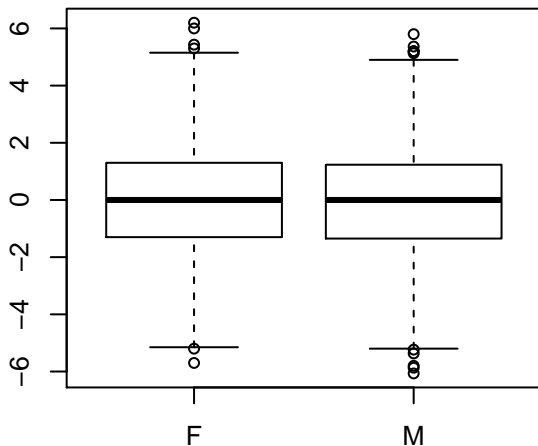
**Bioch.Tot.Protein - raw (outliers removed)**  
(n = 1483)



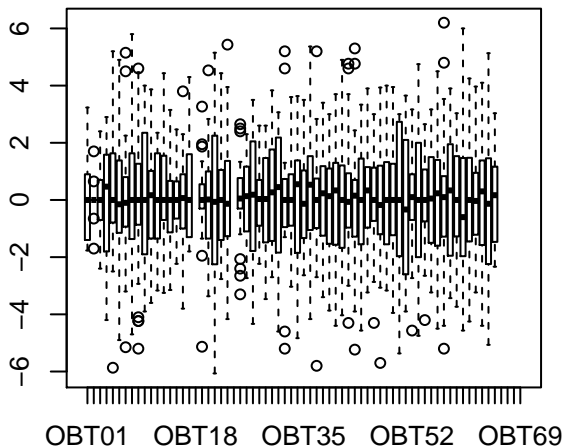
**Residuals (n = 1446)**



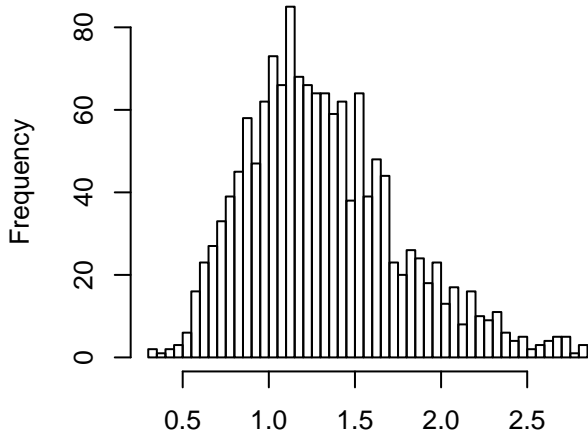
**Residuals**



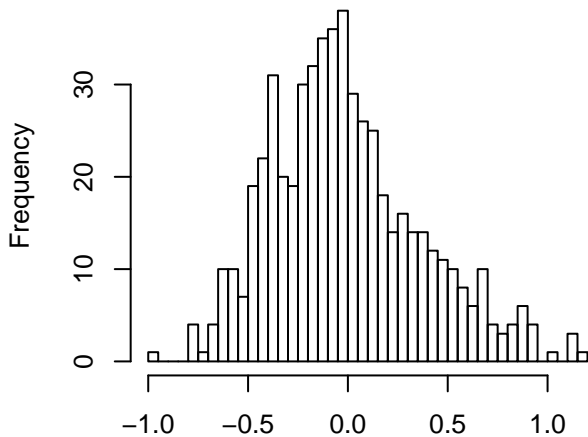
**Residuals**



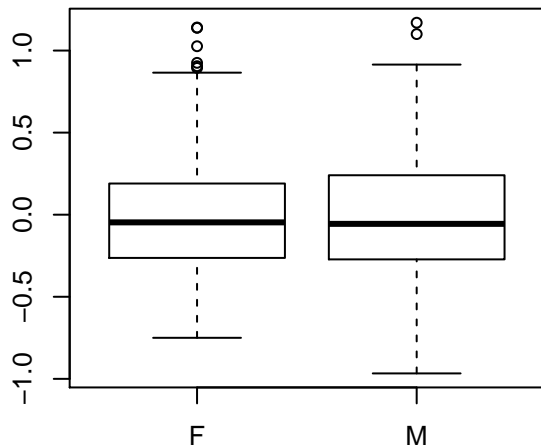
**Bioch.Triglycerides - raw (outliers remove)**  
(n = 1460)



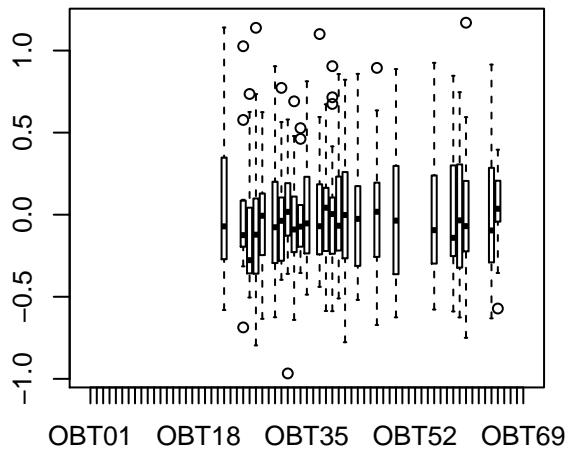
**Residuals (n = 558)**



**Residuals**

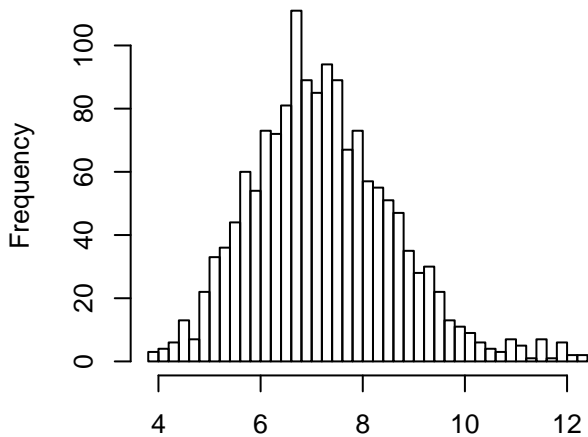


**Residuals**

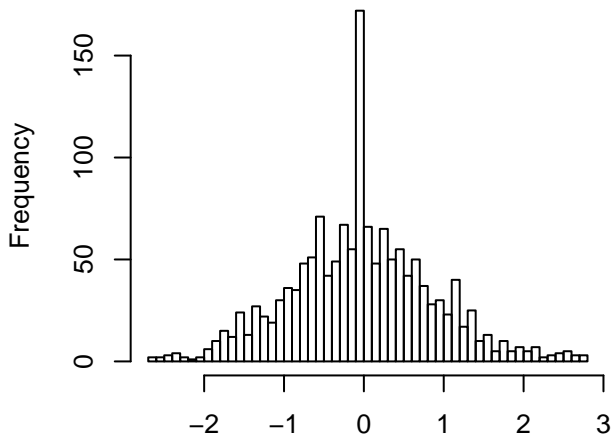




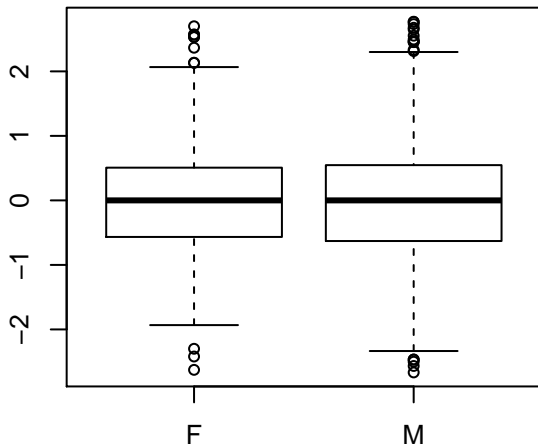
**Bioch.Urea - raw (outliers removed)**  
**(n = 1518)**



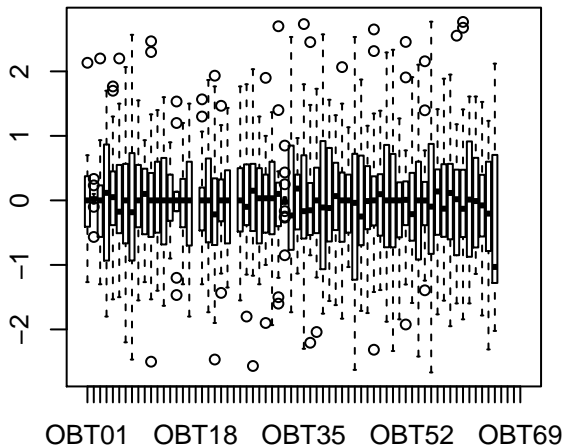
**Residuals (n = 1478)**



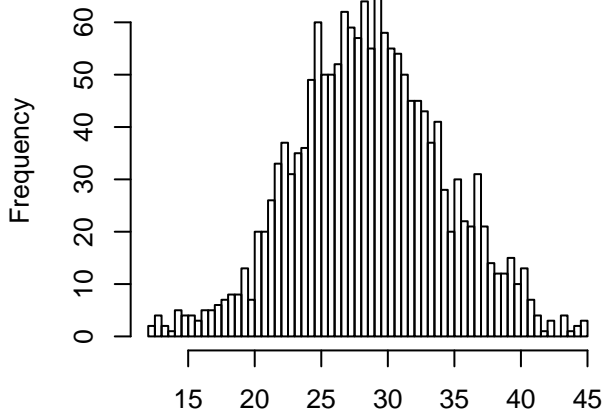
**Residuals**



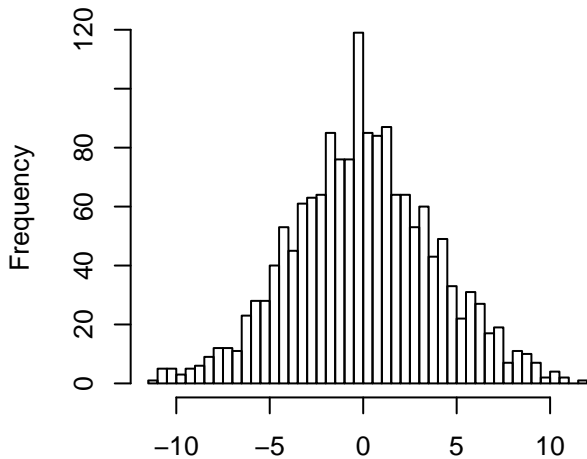
**Residuals**



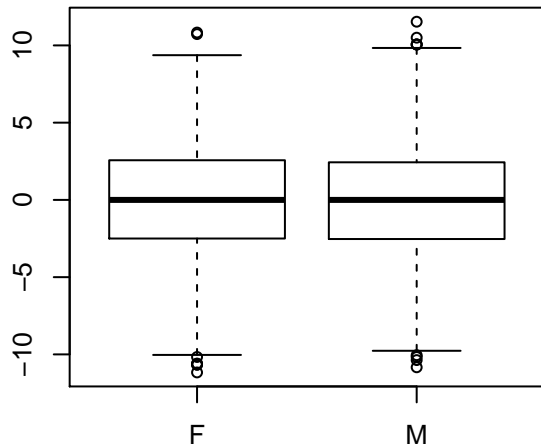
**FACS.CD3pos – raw (outliers removed)**  
(n = 1649 )



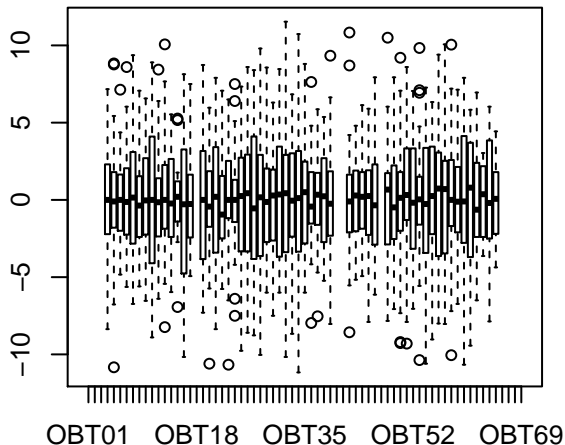
**Residuals (n = 1612 )**



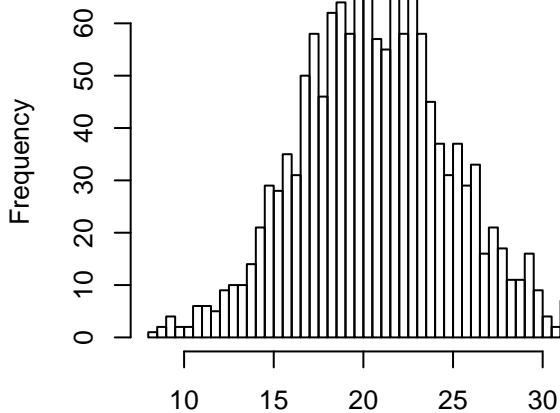
**Residuals**



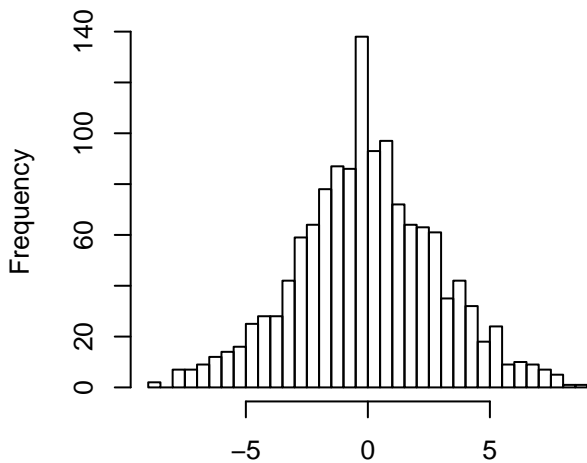
**Residuals**



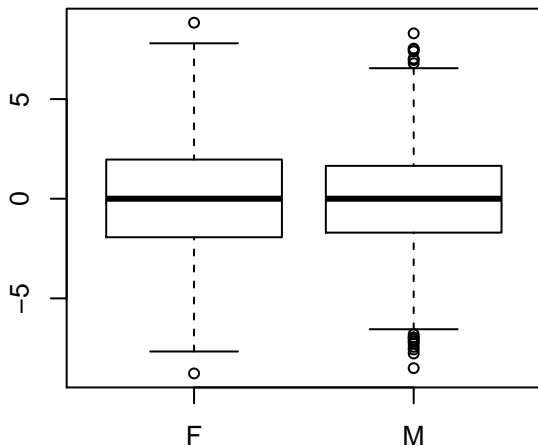
**S.CD45posCD3posCD4pos - raw (outliers r**  
**(n = 1377 )**



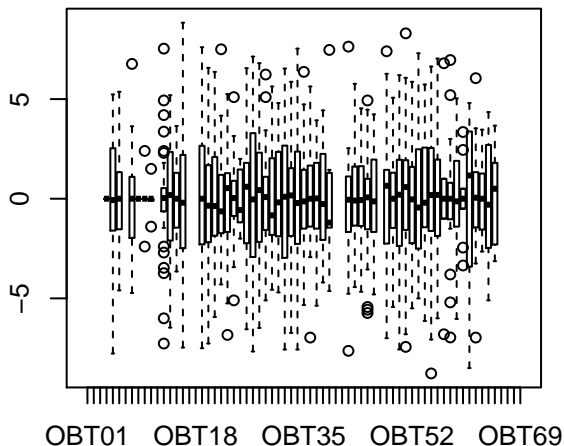
**Residuals (n = 1345 )**



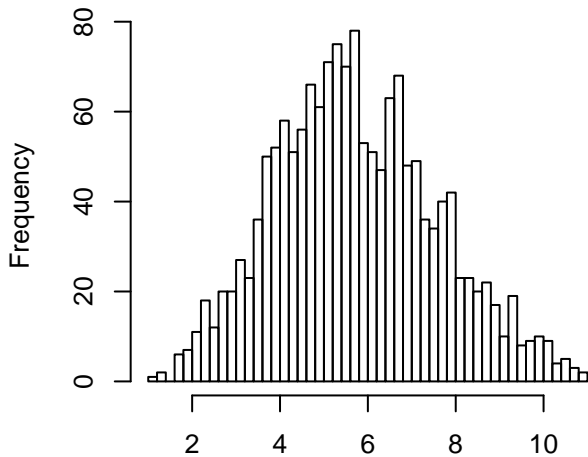
**Residuals**



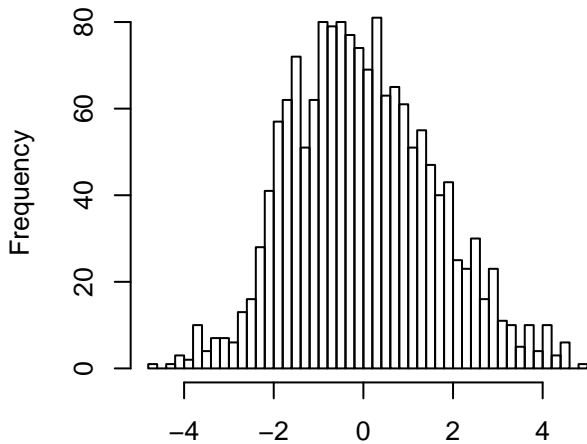
**Residuals**



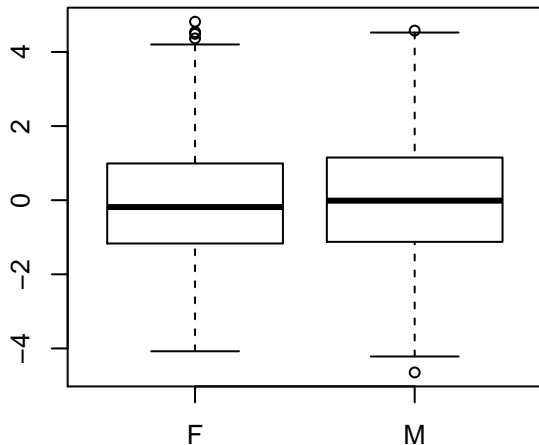
S.CD45posCD3posCD8pos - raw (outliers r  
(n = 1586 )



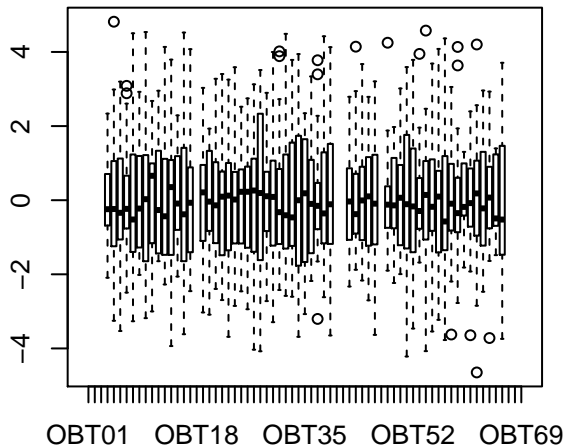
Residuals (n = 1585 )



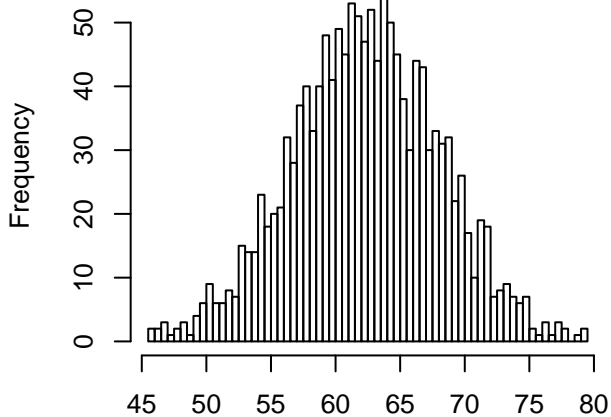
Residuals



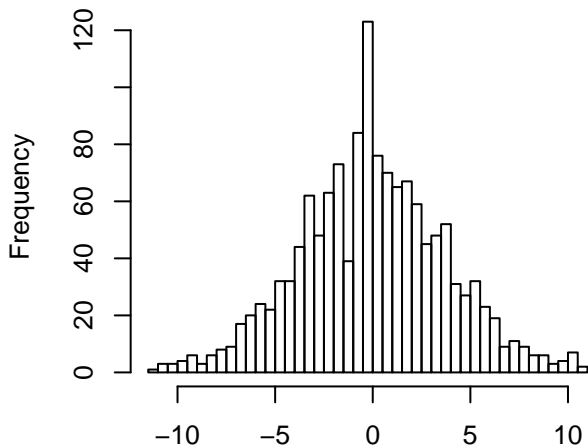
Residuals



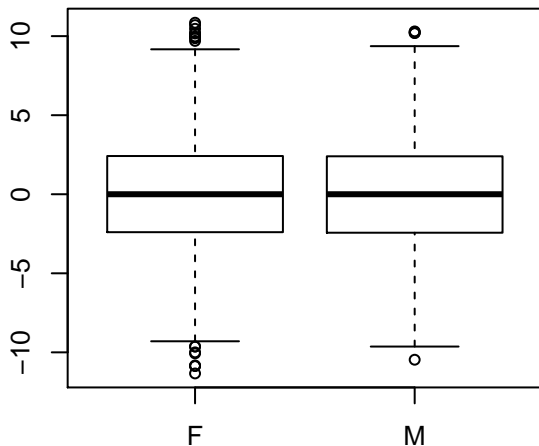
S.CD45posCD3negCD19pos - raw (outliers r  
(n = 1427 )



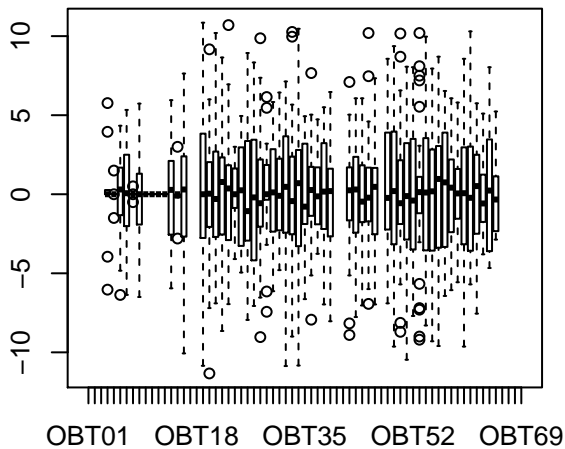
Residuals (n = 1397 )



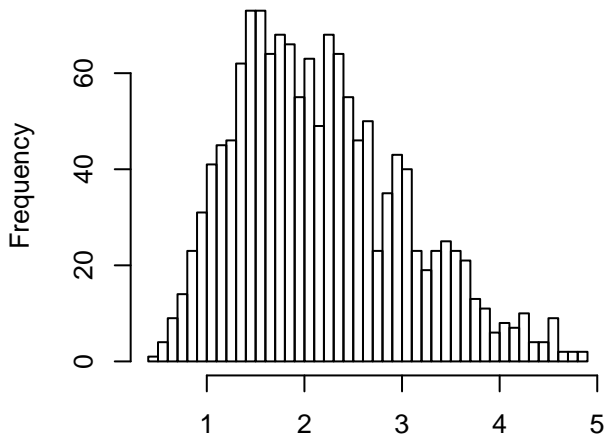
Residuals



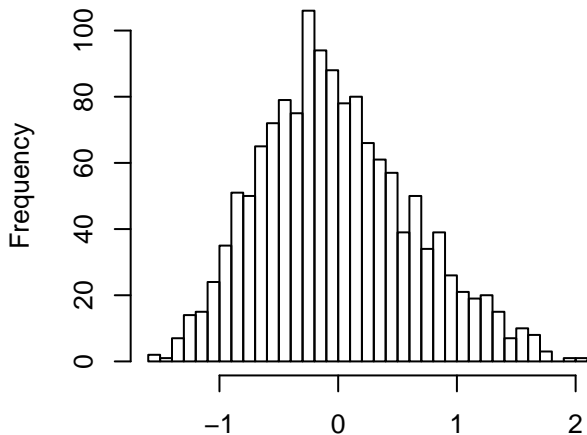
Residuals



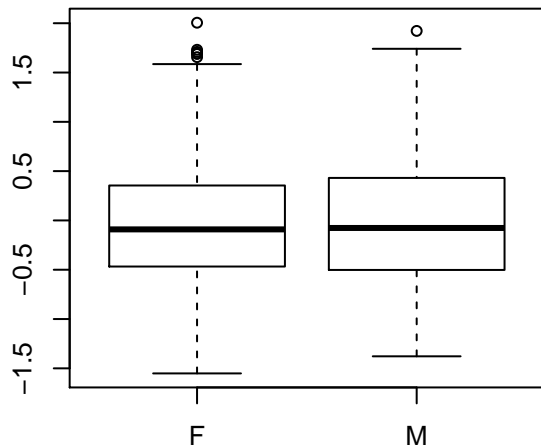
**S.CD45posCD3negDX5pos - raw (outliers removed)**  
(n = 1423)



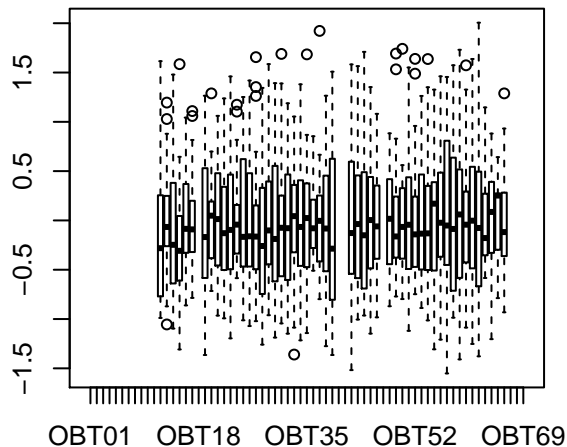
**Residuals (n = 1413)**



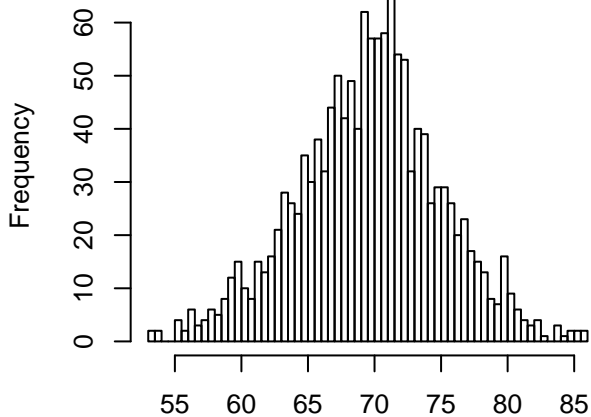
**Residuals**



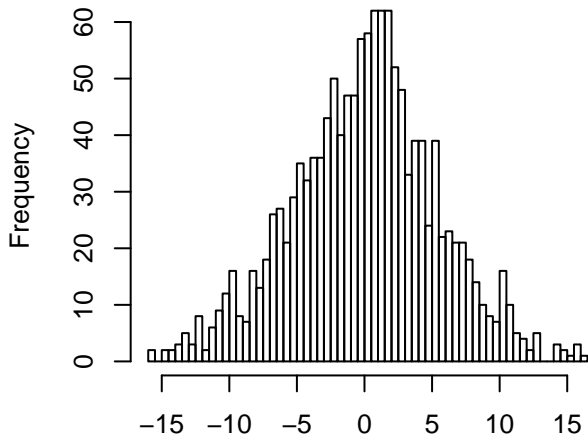
**Residuals**



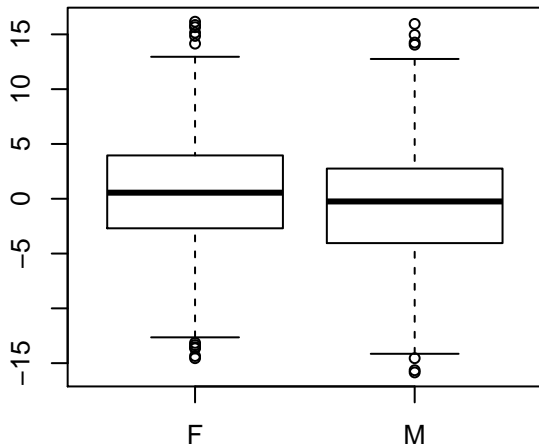
**FACS.CD3posCD4pos – raw (outliers removed)**  
(n = 1374)



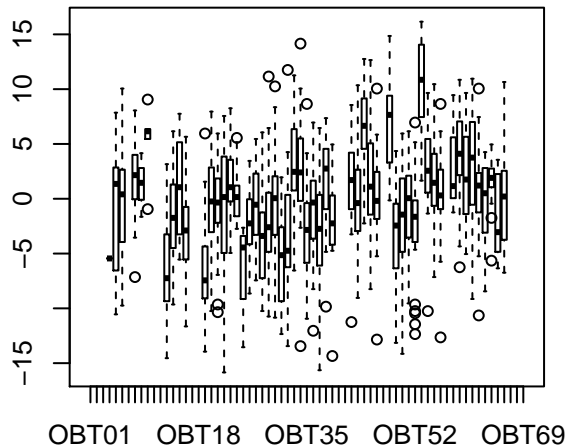
**Residuals (n = 1372)**



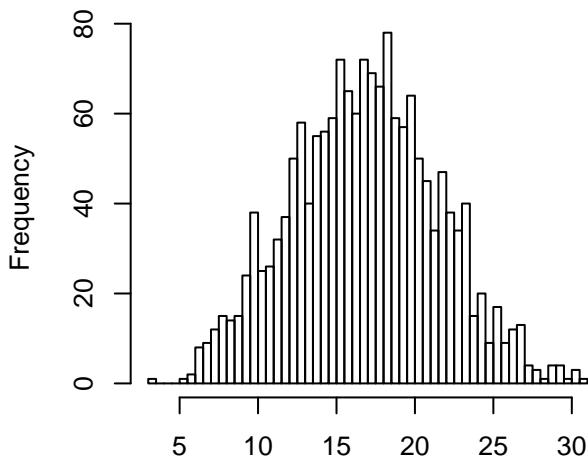
**Residuals**



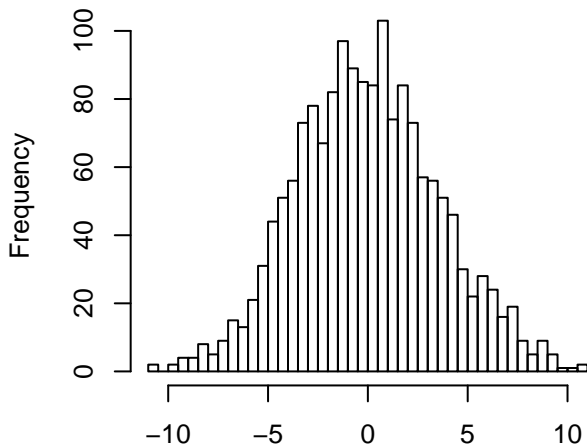
**Residuals**



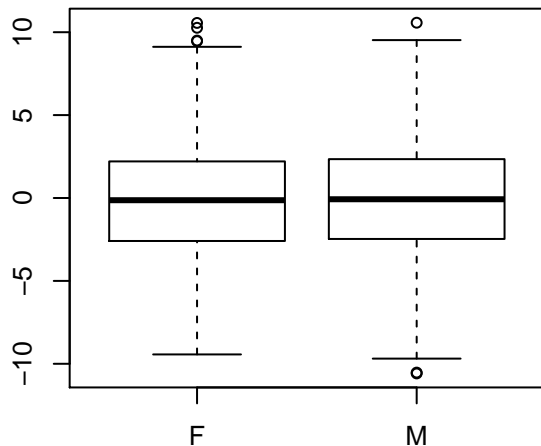
**FACS.CD3posCD8pos – raw (outliers removed)**  
(n = 1643)



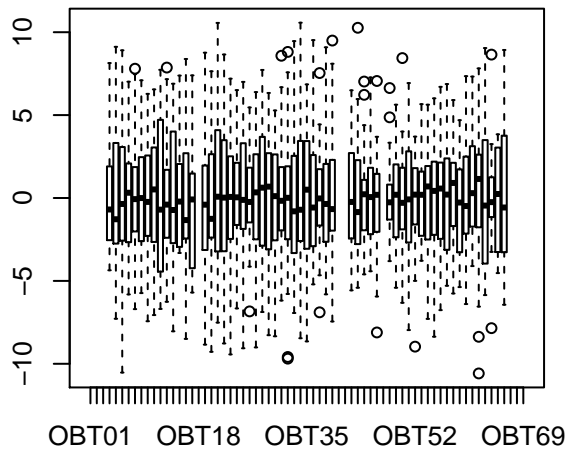
**Residuals (n = 1635)**



**Residuals**

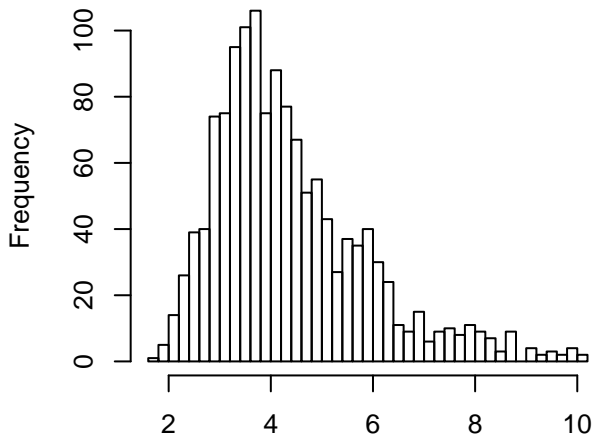


**Residuals**

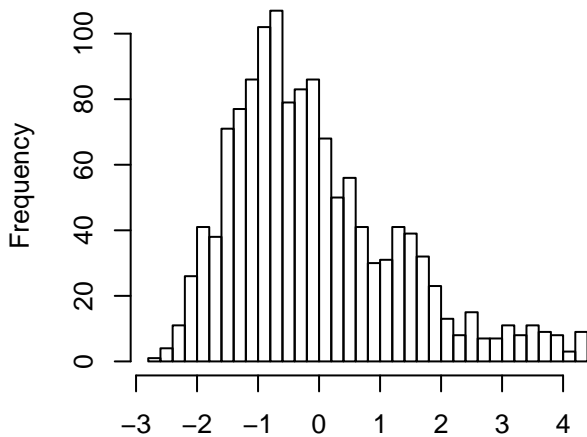




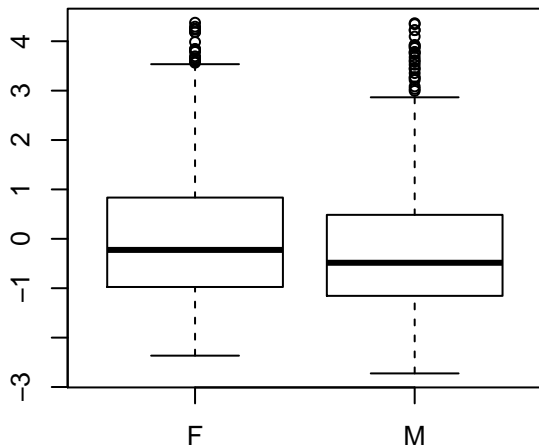
**CS.CD3posCD4CD8Ratio - raw (outliers ren  
(n = 1349 )**



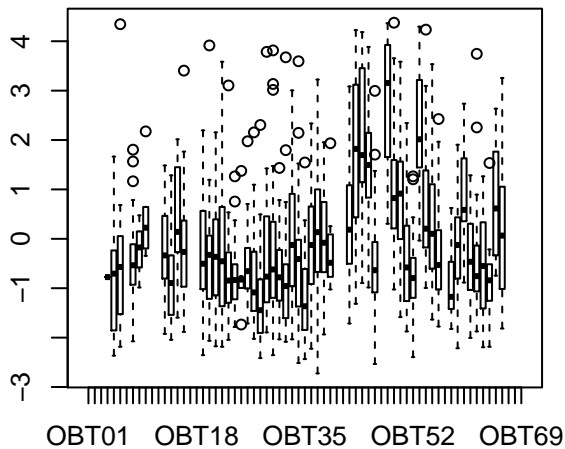
**Residuals (n = 1332 )**



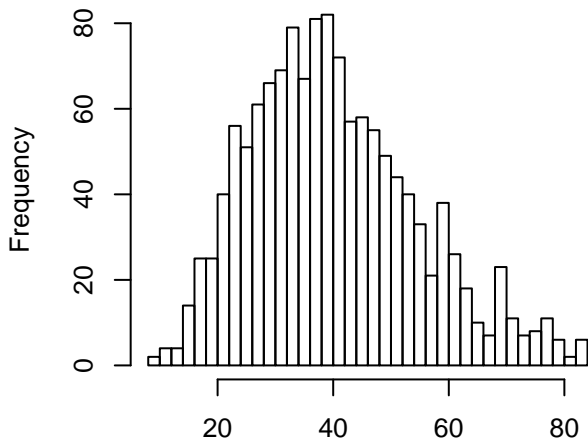
**Residuals**



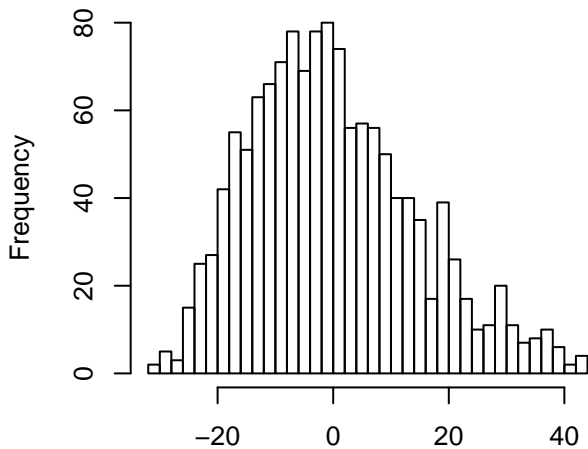
**Residuals**



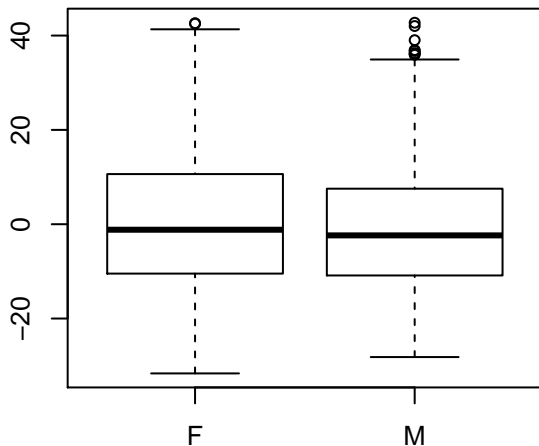
**S.CD3posCD4posCD44pos - raw (outliers r**  
**(n = 1328 )**



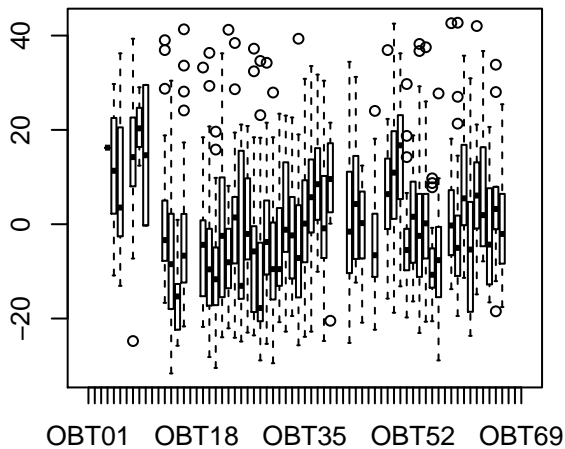
**Residuals (n = 1326 )**



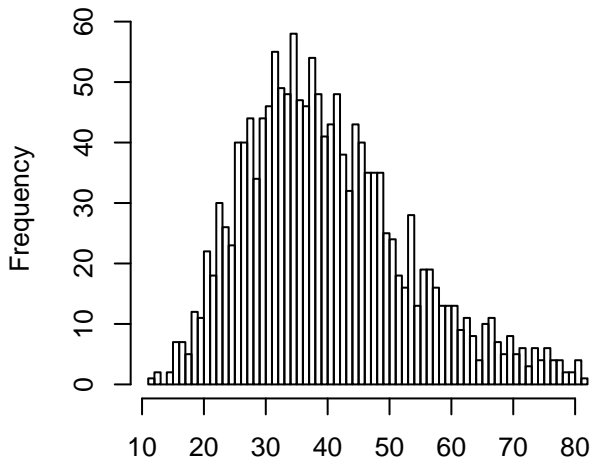
**Residuals**



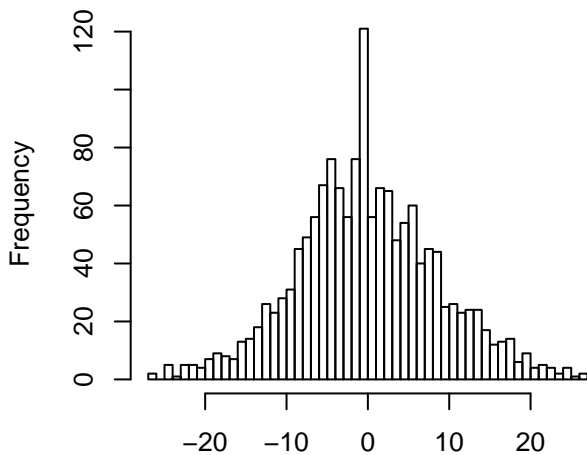
**Residuals**



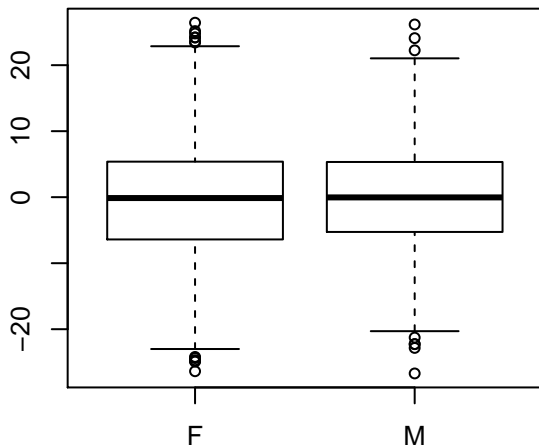
S.CD3posCD8posCD44pos - raw (outliers r  
(n = 1546 )



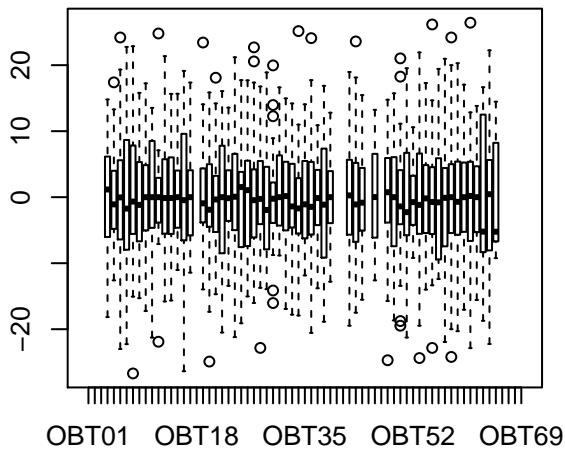
Residuals (n = 1511 )



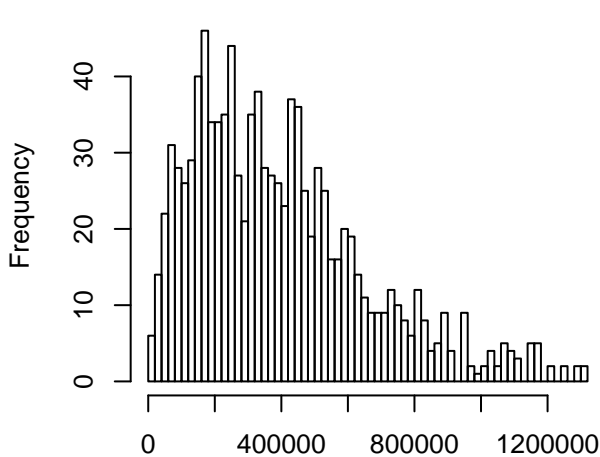
Residuals



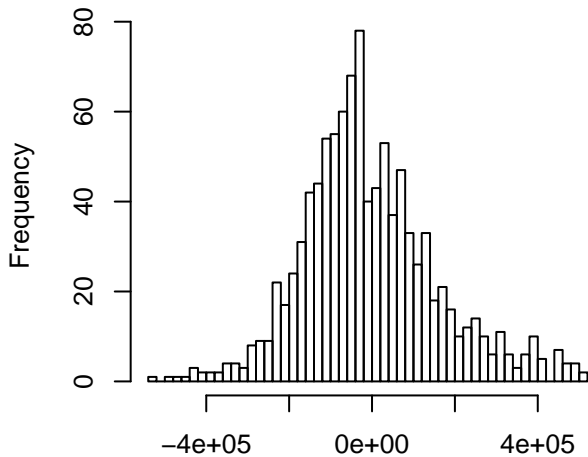
Residuals



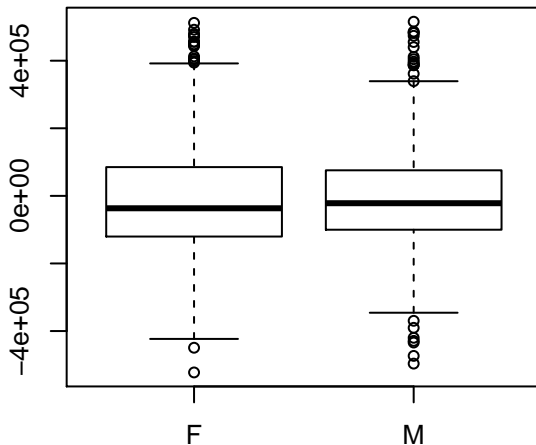
**Fibro.Cell\_count - raw (outliers removed)**  
(n = 1035)



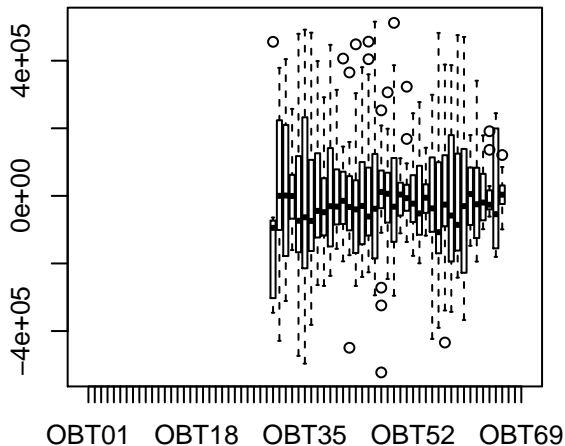
**Residuals (n = 1022)**



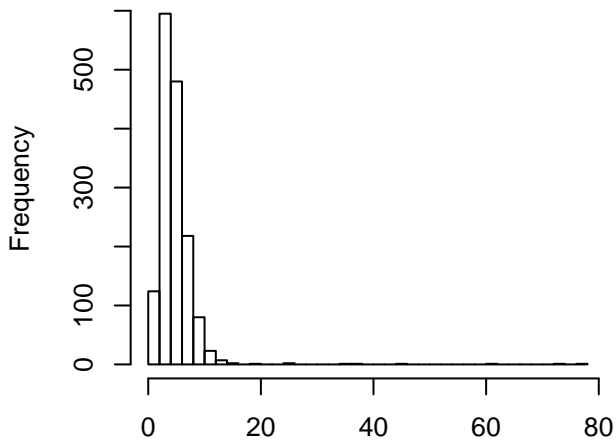
**Residuals**



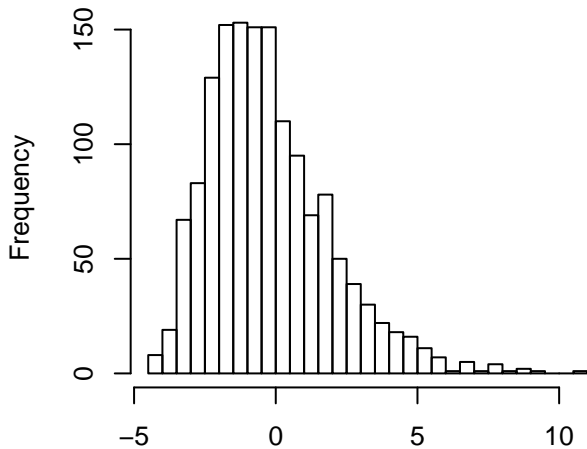
**Residuals**



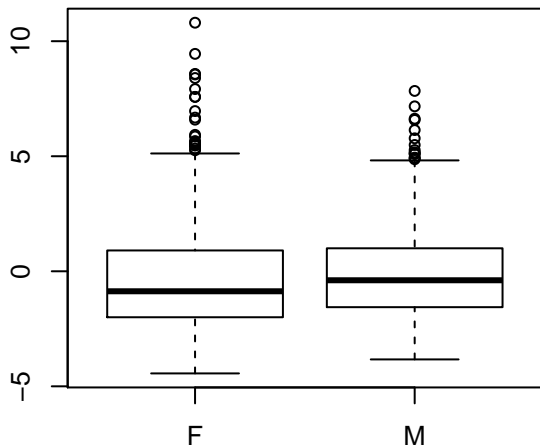
**Haem.WBCP – raw (outliers removed)**  
**(n = 1538 )**



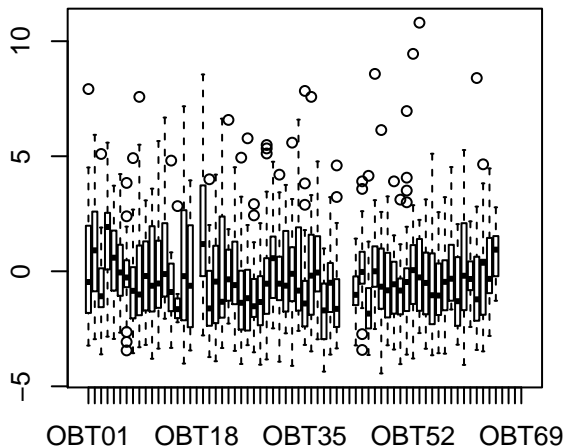
**Residuals (n = 1474 )**



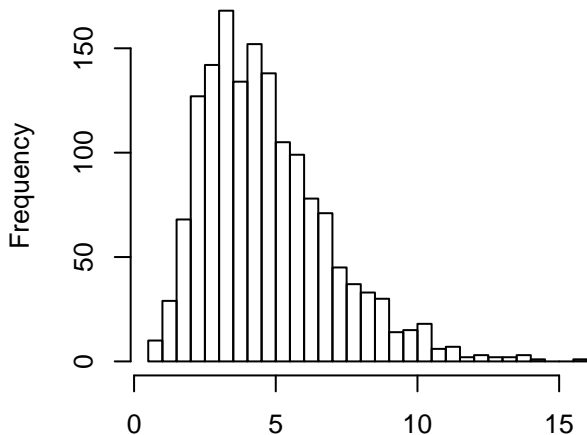
**Residuals**



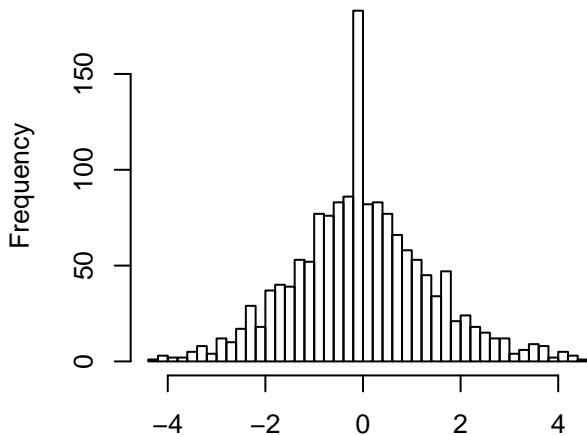
**Residuals**



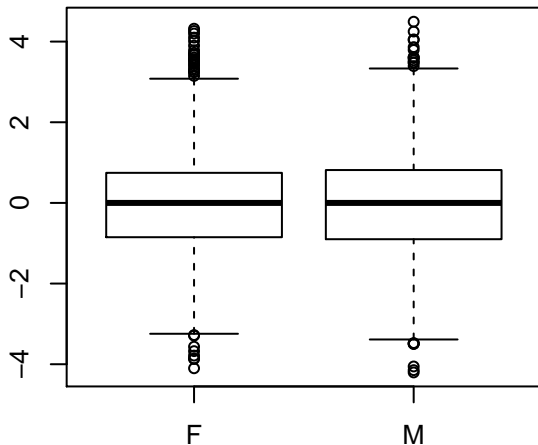
**Haem.WBCB – raw (outliers removed)**  
**(n = 1540 )**



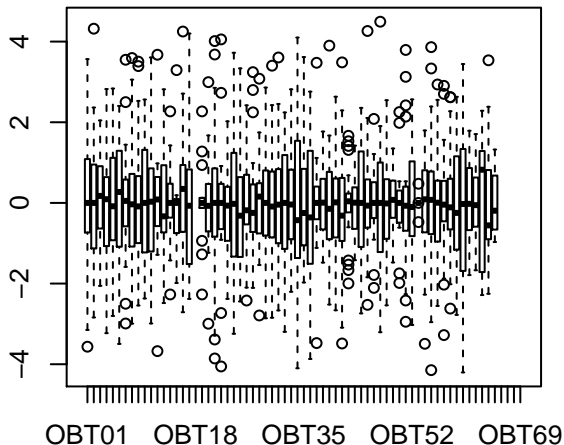
**Residuals (n = 1522 )**



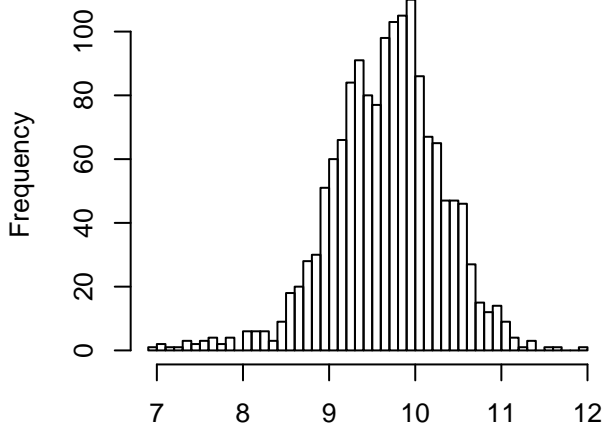
**Residuals**



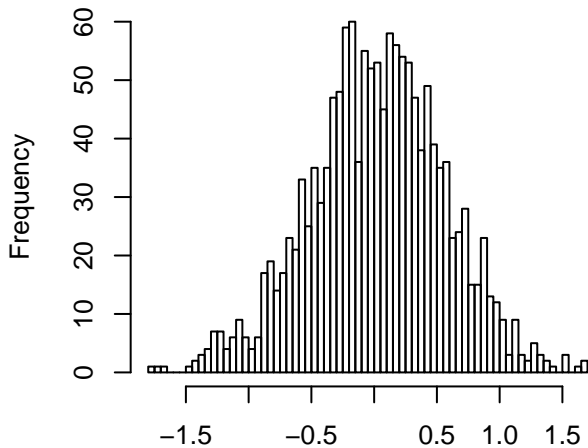
**Residuals**



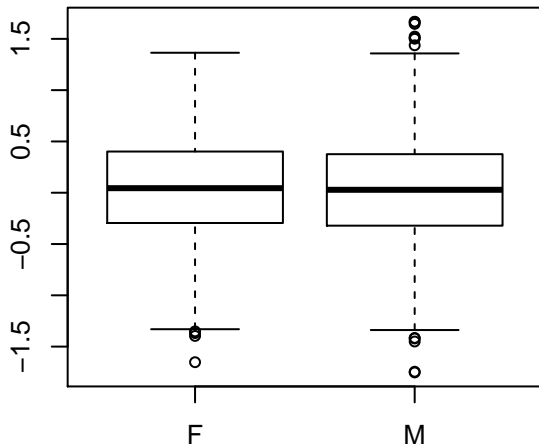
**Haem.RBC – raw (outliers removed)**  
(n = 1520 )



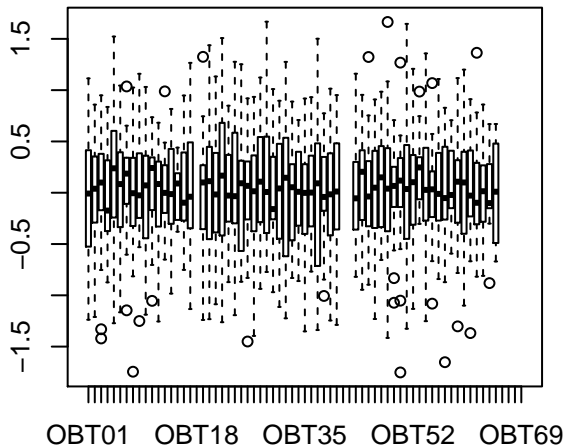
**Residuals (n = 1446 )**



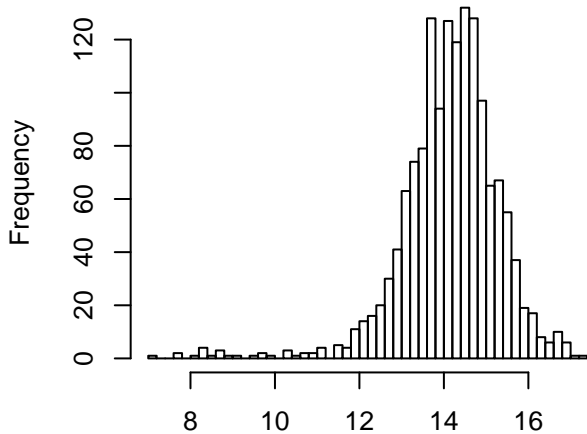
**Residuals**



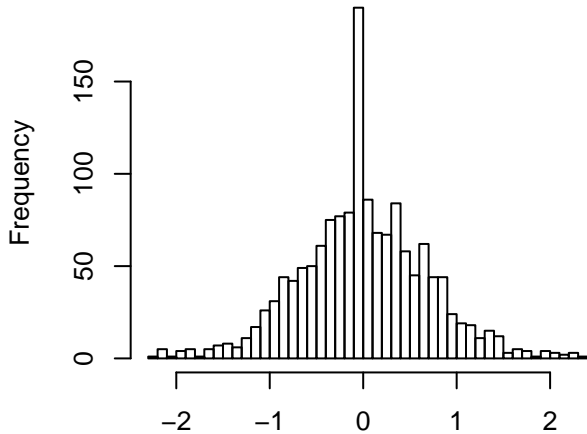
**Residuals**



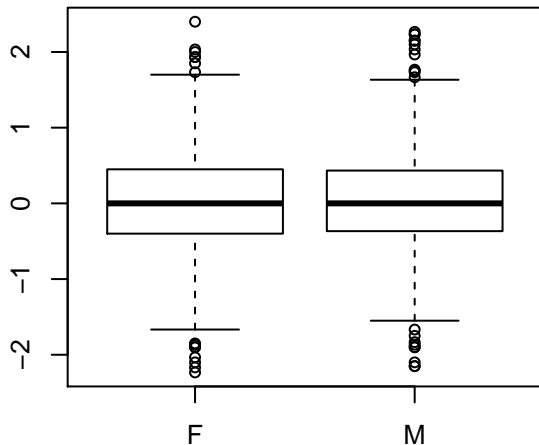
**Haem.measHGB – raw (outliers removed)**  
**(n = 1504 )**



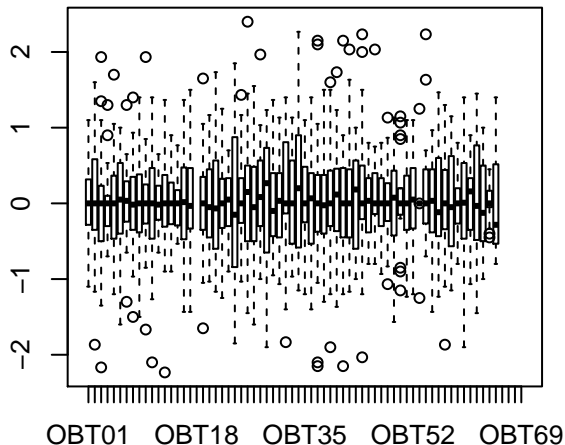
**Residuals (n = 1478 )**



**Residuals**

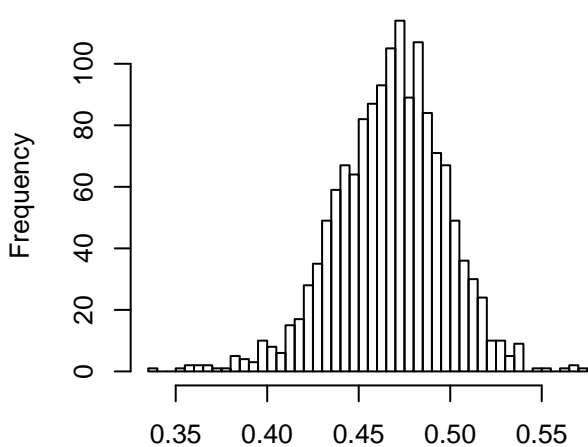


**Residuals**

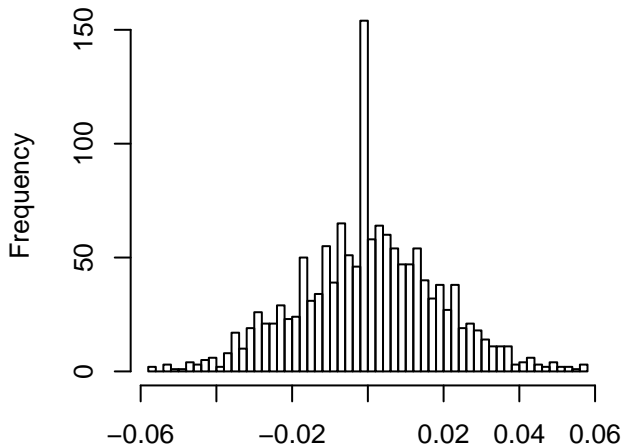




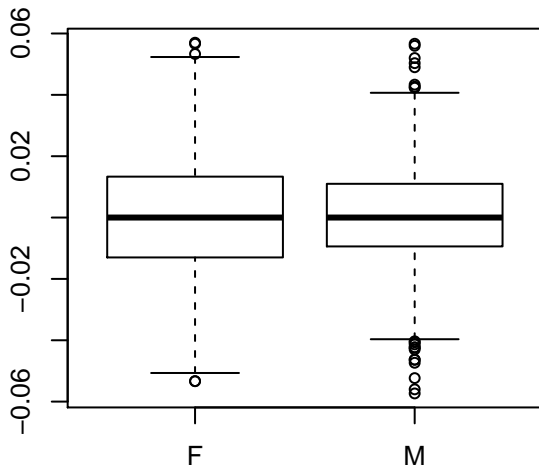
**Haem.HCT – raw (outliers removed)**  
(n = 1458)



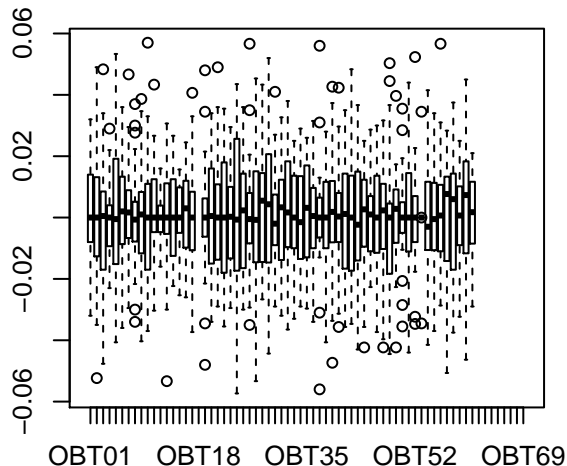
**Residuals (n = 1444)**



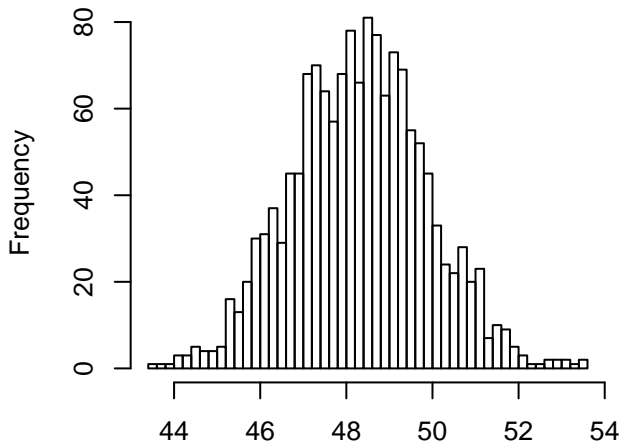
**Residuals**



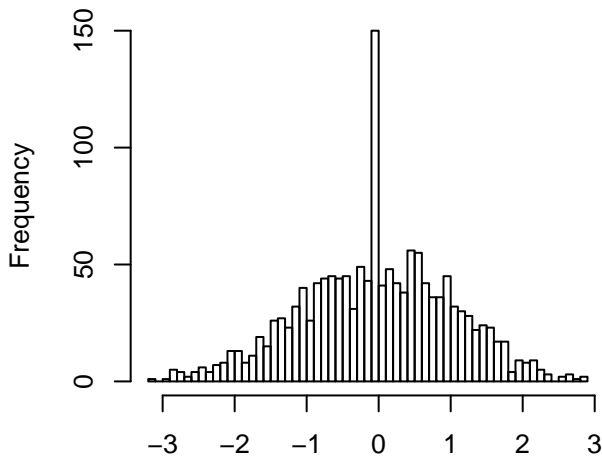
**Residuals**



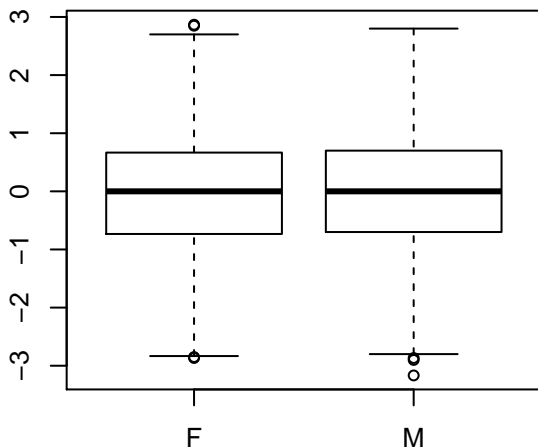
**Haem.MCV - raw (outliers removed)**  
(n = 1474 )



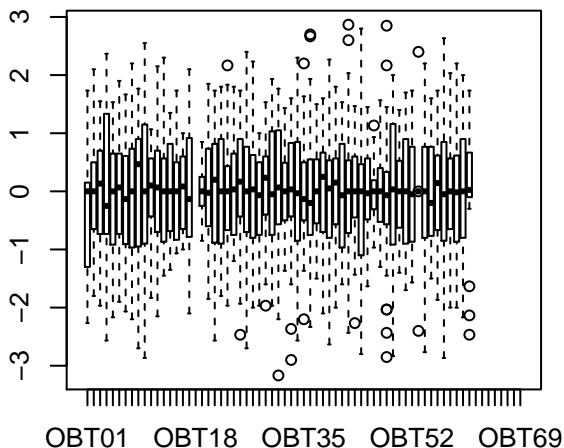
**Residuals (n = 1466 )**



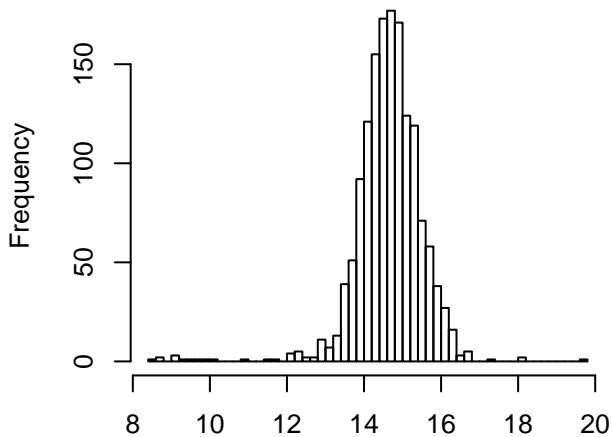
**Residuals**



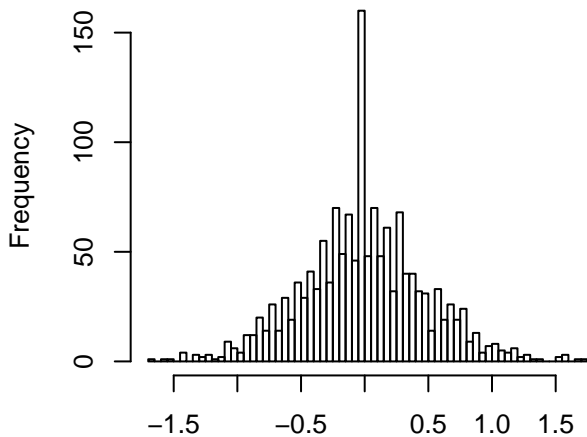
**Residuals**



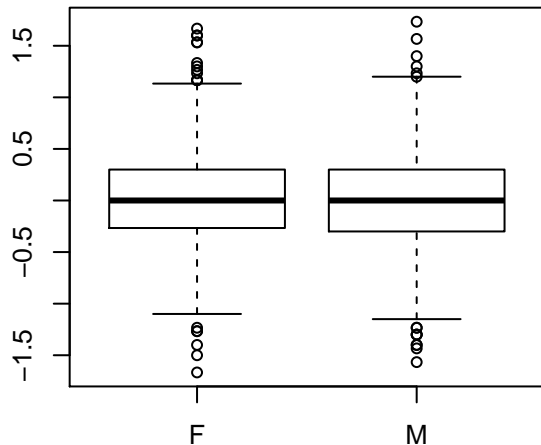
**Haem.MCH - raw (outliers removed)**  
**(n = 1502)**



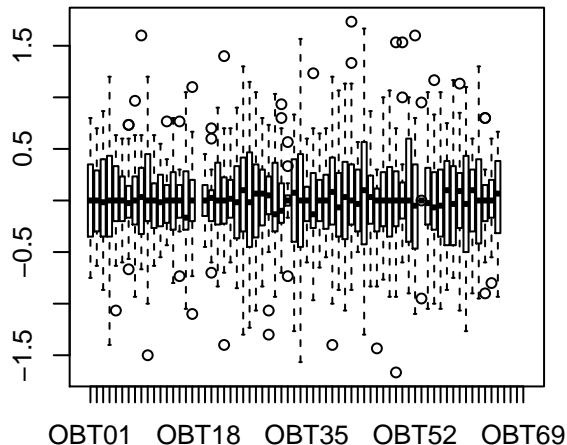
**Residuals (n = 1480)**



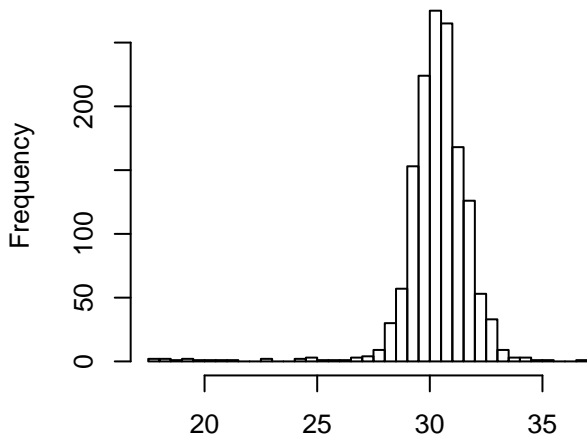
**Residuals**



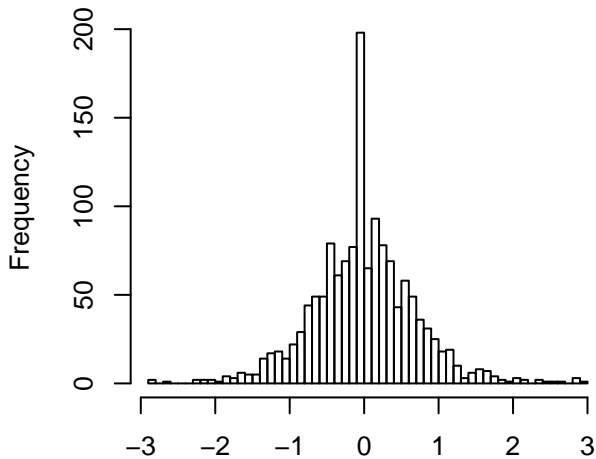
**Residuals**



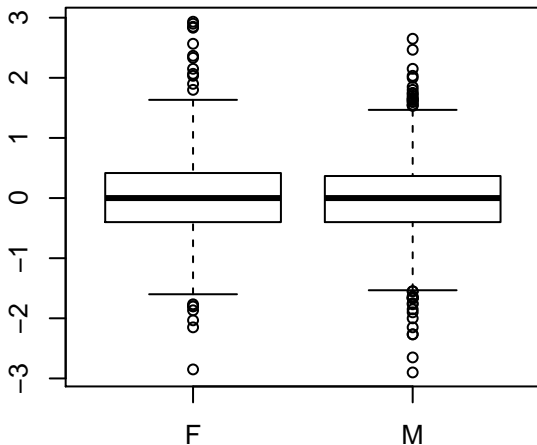
**Haem.MCHC – raw (outliers removed)**  
**(n = 1439 )**



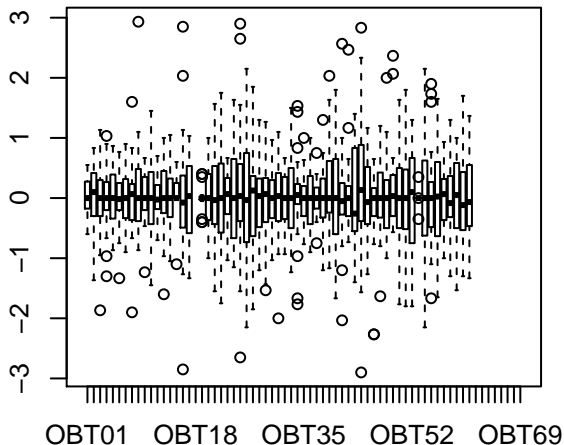
**Residuals (n = 1412 )**



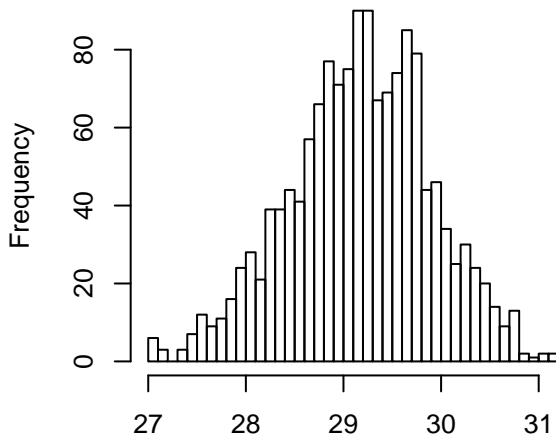
**Residuals**



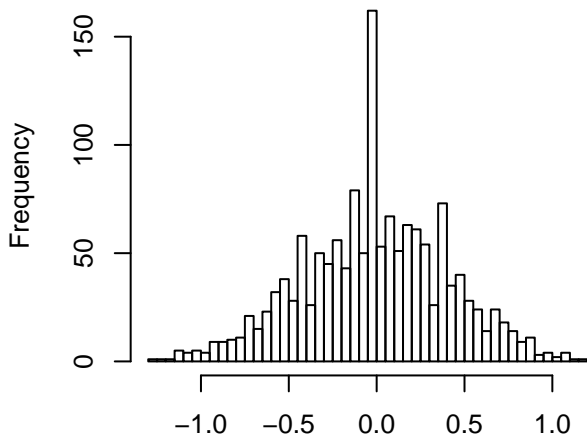
**Residuals**



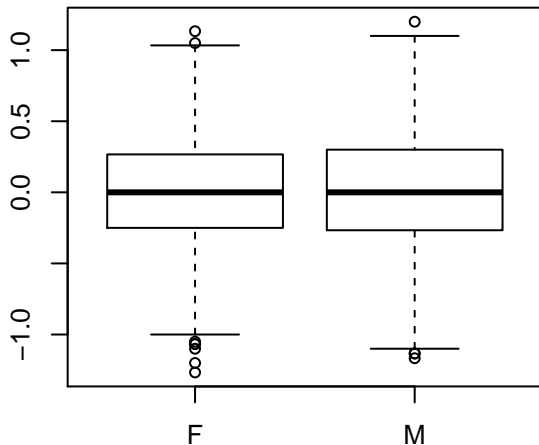
**Haem.CHCM – raw (outliers removed)**  
(n = 1476 )



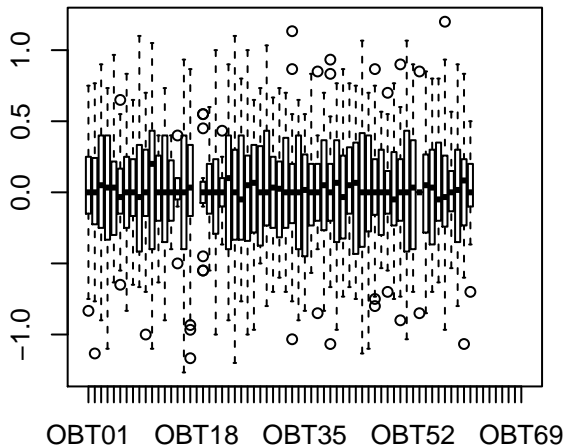
**Residuals (n = 1466 )**



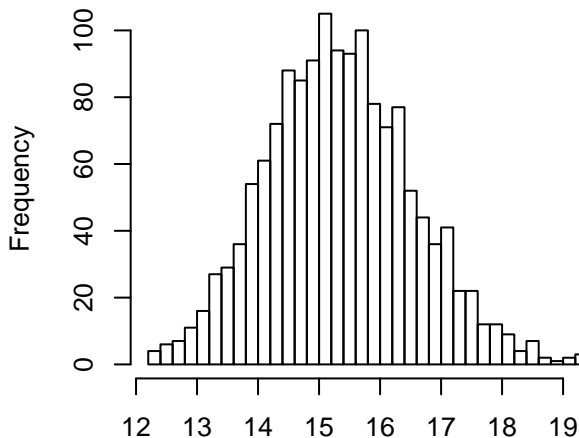
**Residuals**



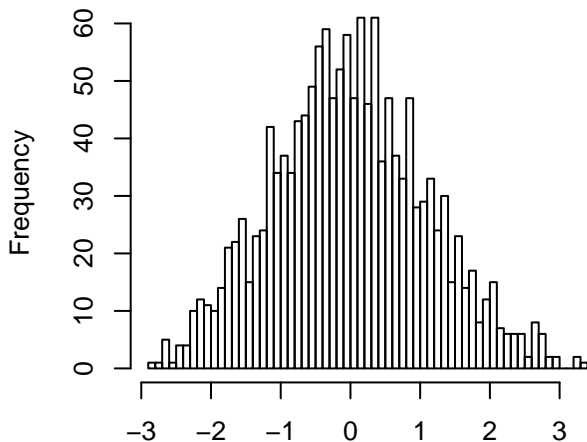
**Residuals**



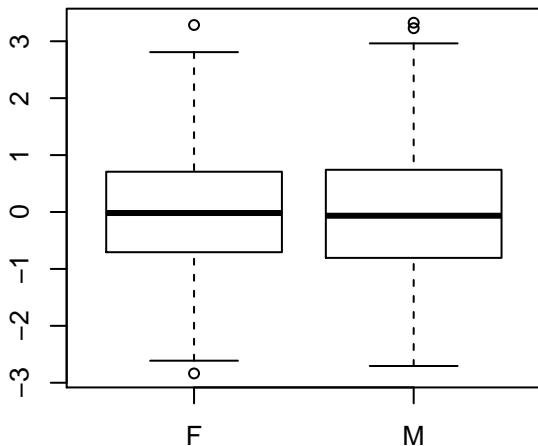
**Haem.RDW - raw (outliers removed)**  
**(n = 1474 )**



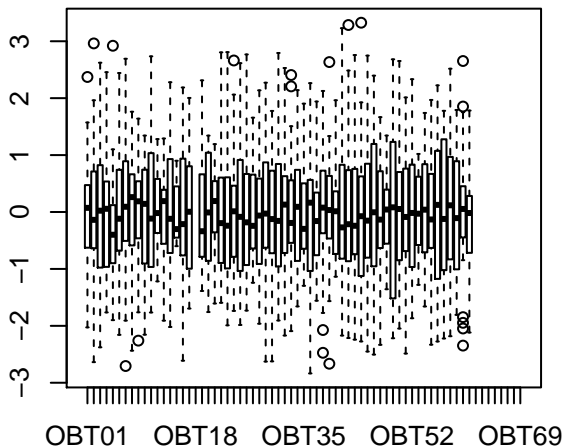
**Residuals (n = 1470 )**



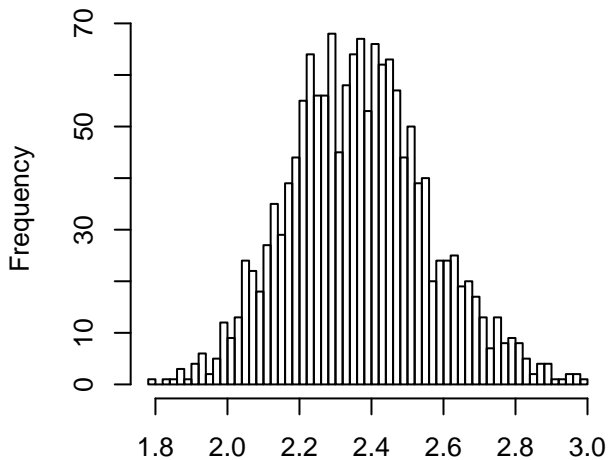
**Residuals**



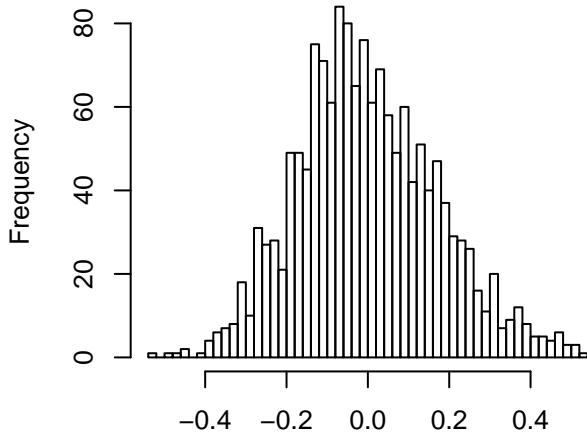
**Residuals**



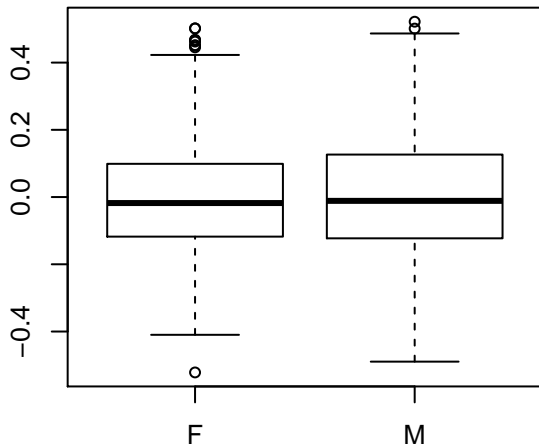
**Haem.HDW - raw (outliers removed)**  
**(n = 1532)**



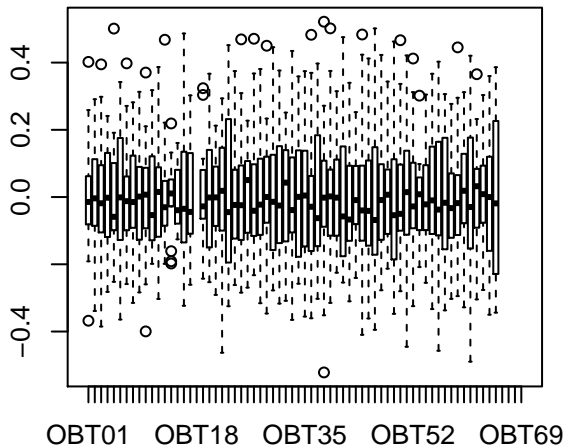
**Residuals (n = 1528)**



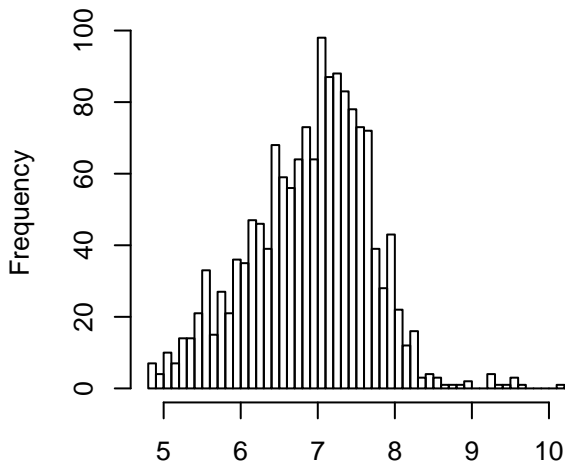
**Residuals**



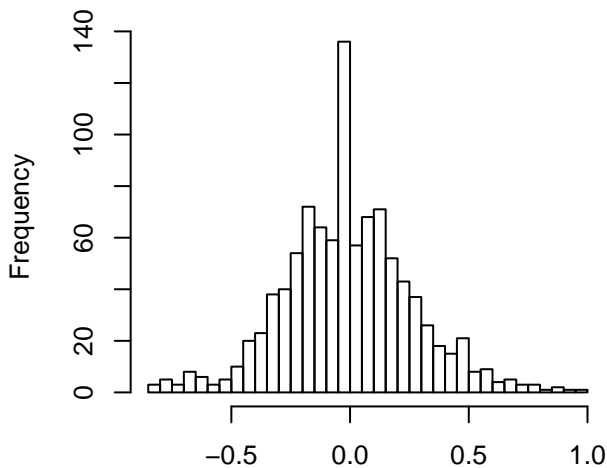
**Residuals**



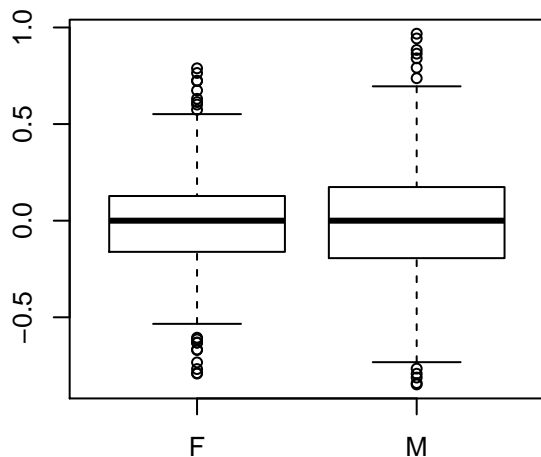
**Haem.MPV – raw (outliers removed)**  
(n = 1528 )



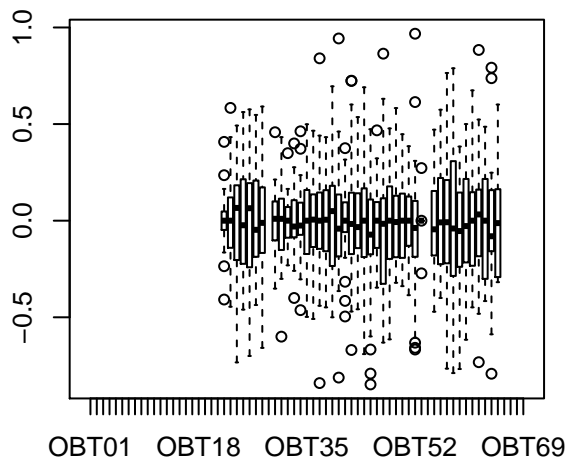
**Residuals (n = 994 )**



**Residuals**

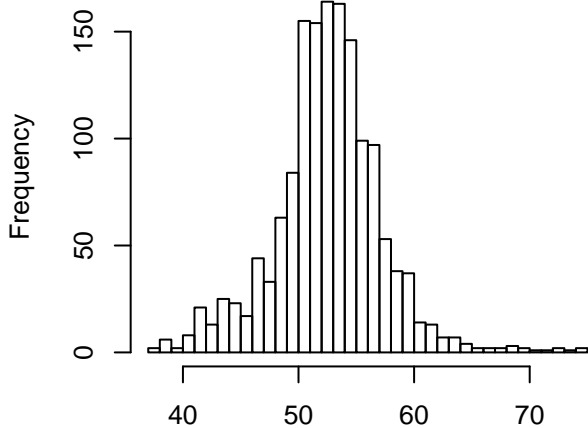


**Residuals**

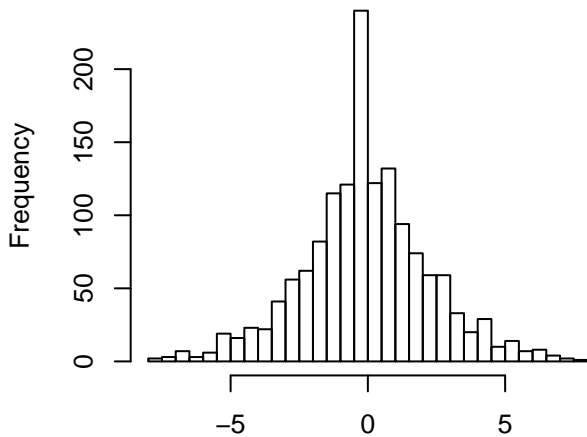




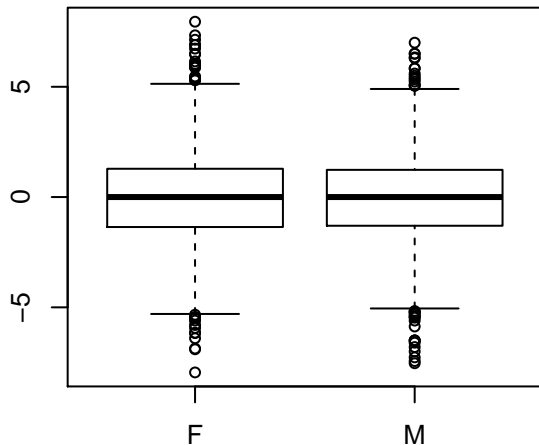
**Haem.PDW - raw (outliers removed)**  
**(n = 1510)**



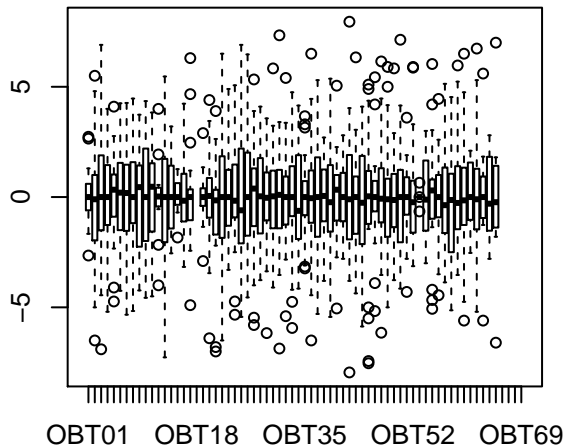
**Residuals (n = 1486)**



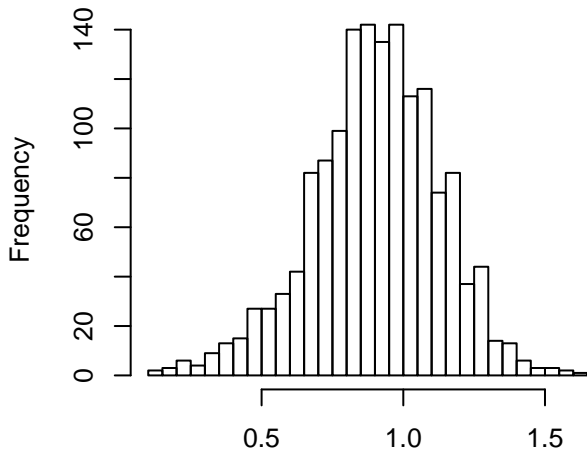
**Residuals**



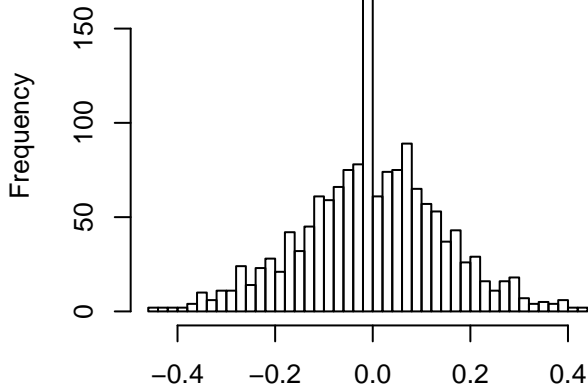
**Residuals**



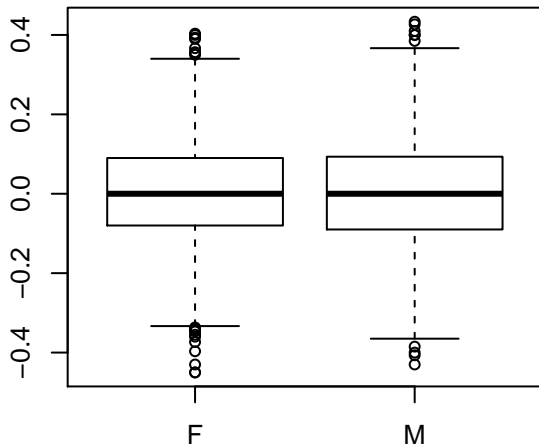
**Haem.PCT – raw (outliers removed)**  
**(n = 1516 )**



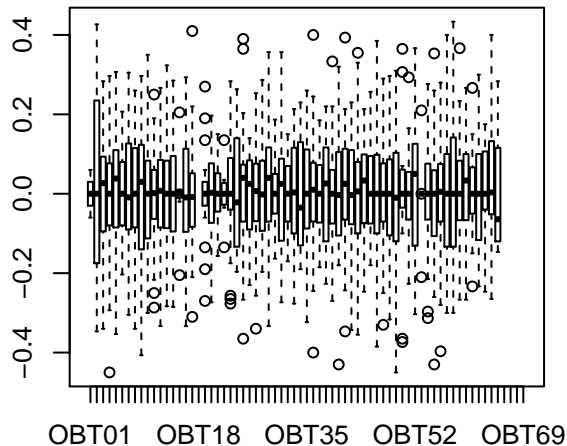
**Residuals (n = 1504 )**



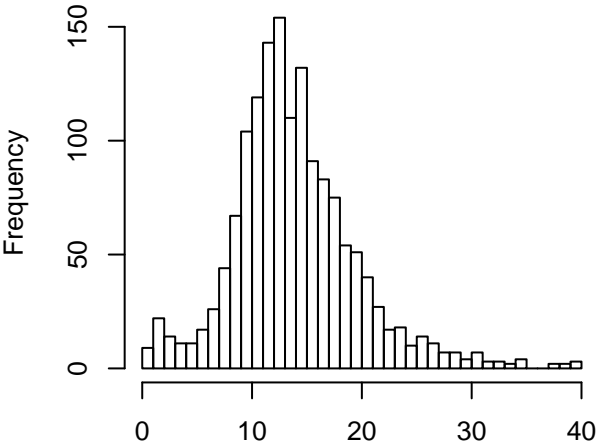
**Residuals**



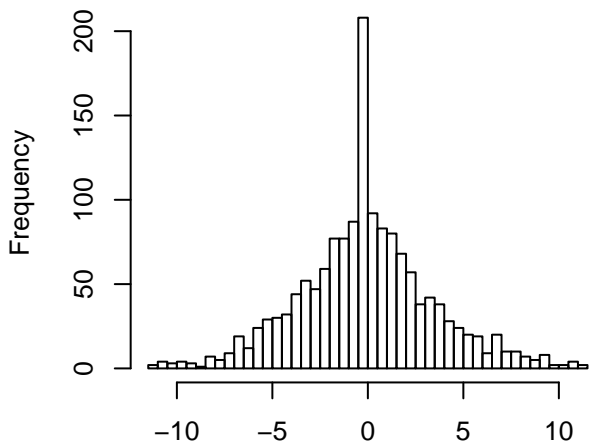
**Residuals**



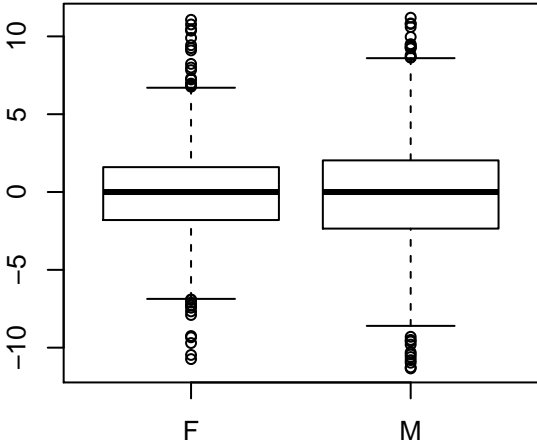
**Haem.NEUT\_percent - raw (outliers remov  
(n = 1518 )**



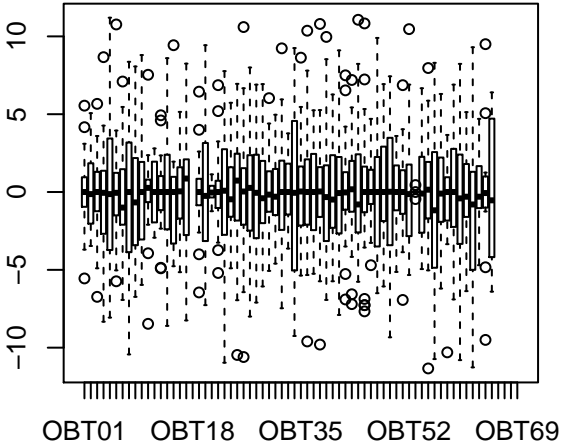
**Residuals (n = 1503 )**



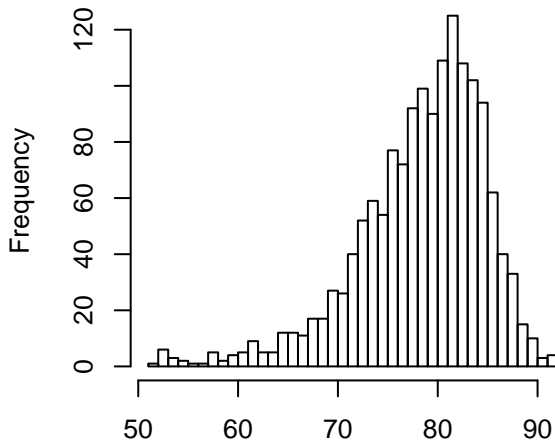
**Residuals**



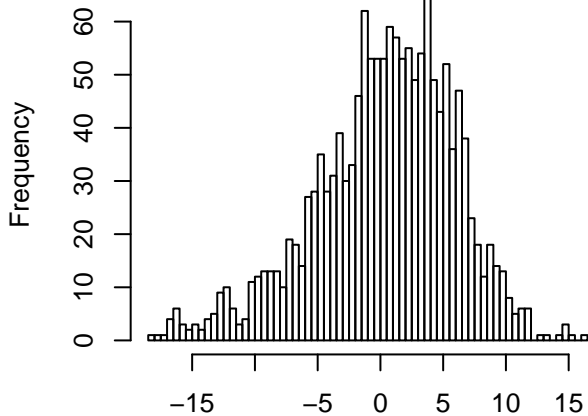
**Residuals**



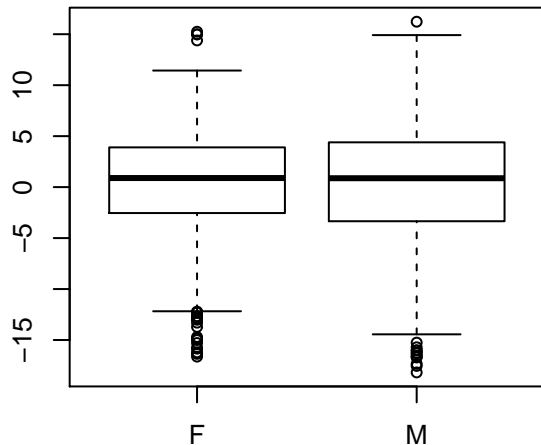
**Haem.LYM\_percent - raw (outliers remove)**  
(n = 1516)



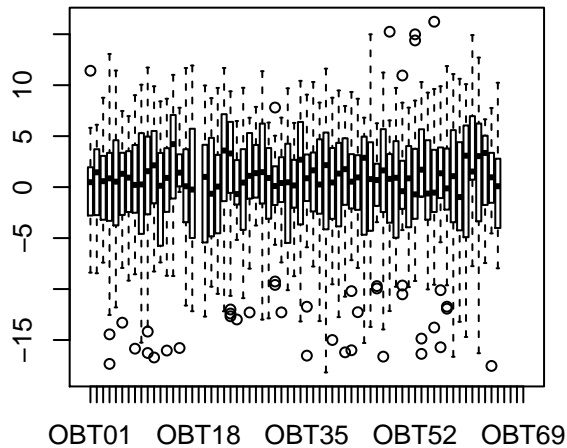
**Residuals (n = 1494)**



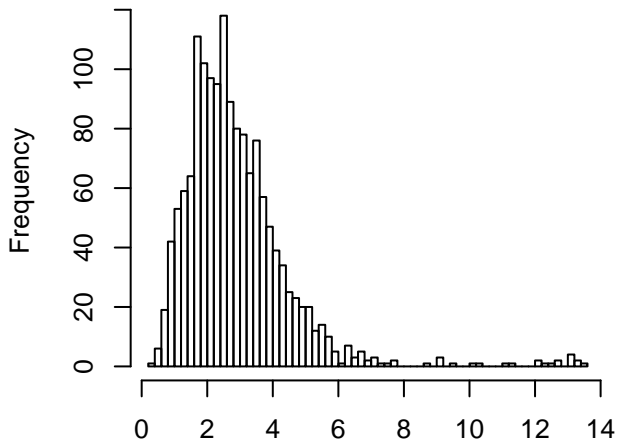
**Residuals**



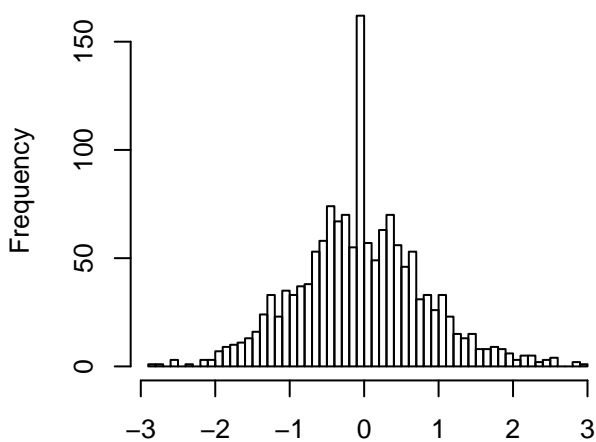
**Residuals**



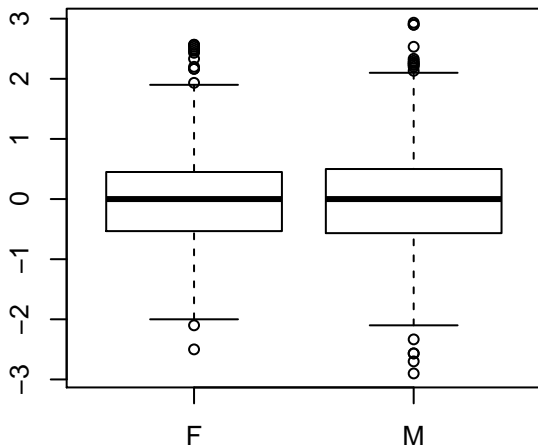
**Haem.MONO\_percent - raw (outliers remov  
(n = 1508 )**



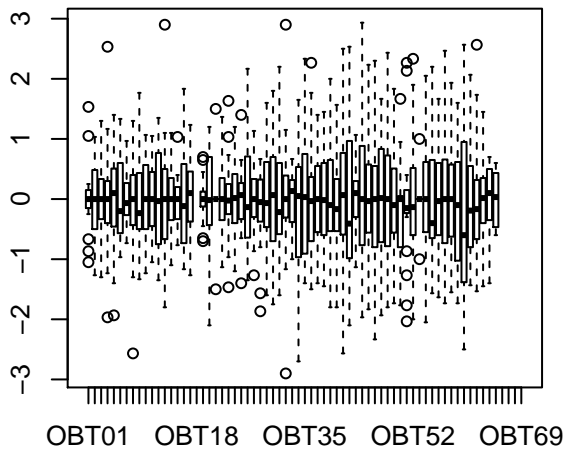
**Residuals (n = 1487 )**



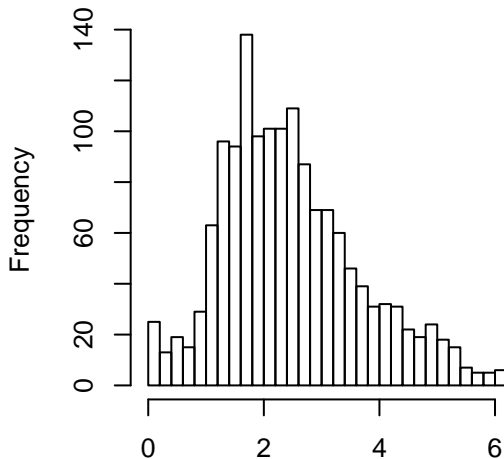
**Residuals**



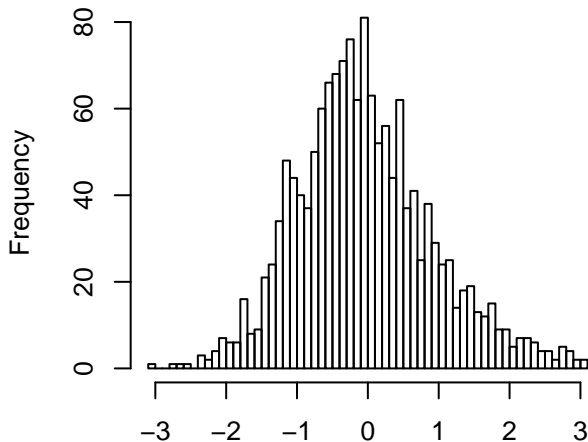
**Residuals**



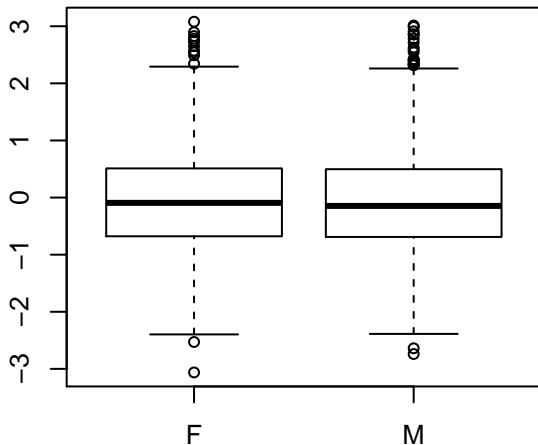
**Haem.EOS\_percent - raw (outliers remove  
(n = 1517 )**



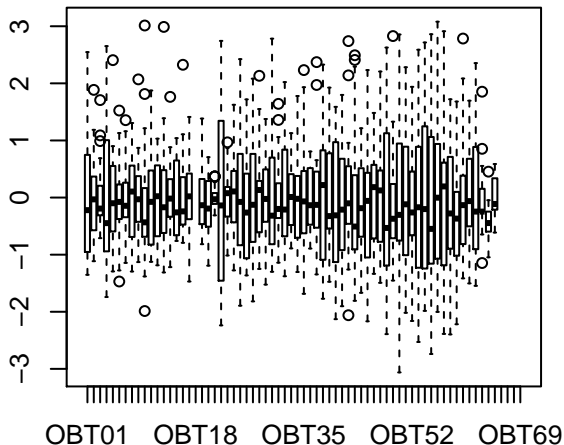
**Residuals (n = 1500 )**



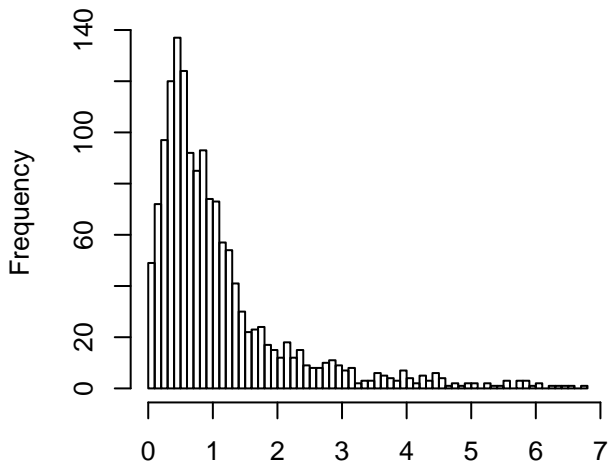
**Residuals**



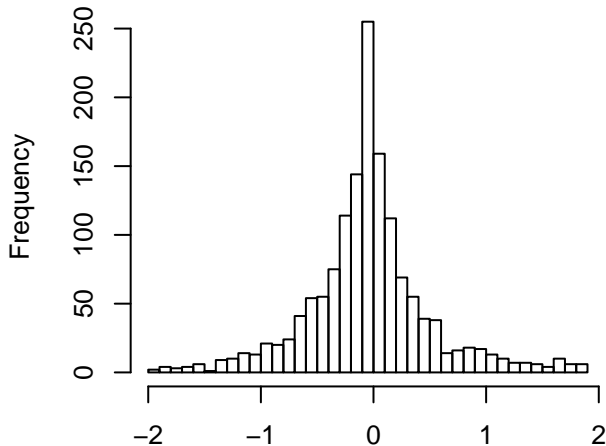
**Residuals**



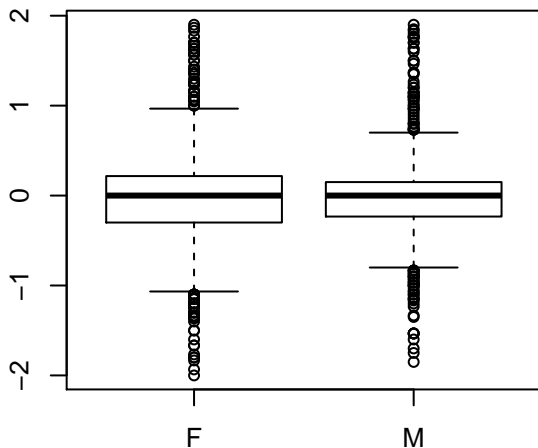
**Haem.LUC\_percent - raw (outliers remove)**  
(n = 1512)



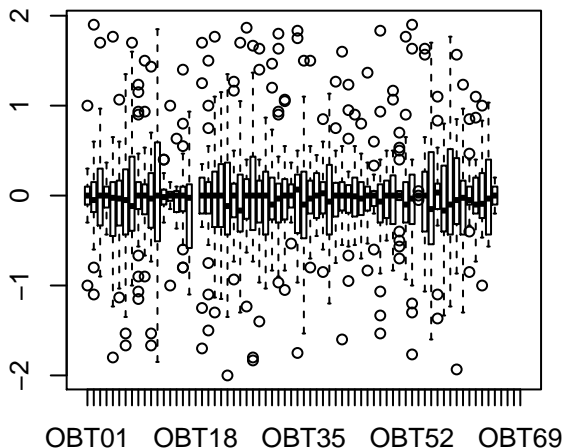
**Residuals (n = 1475)**



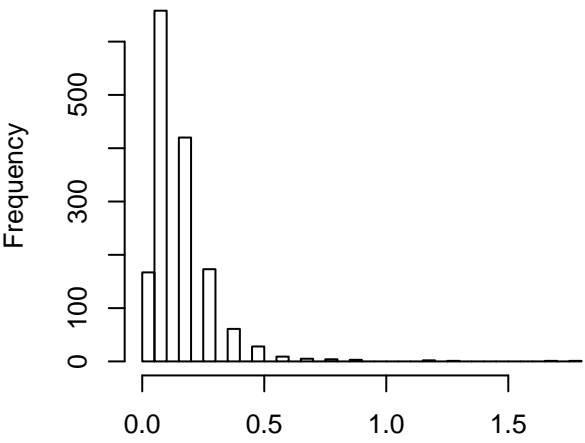
**Residuals**



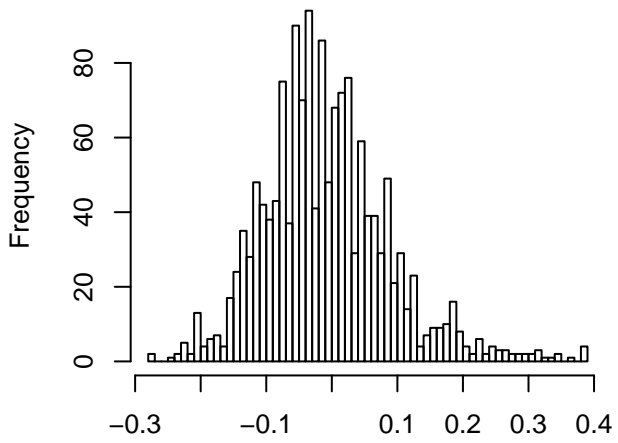
**Residuals**



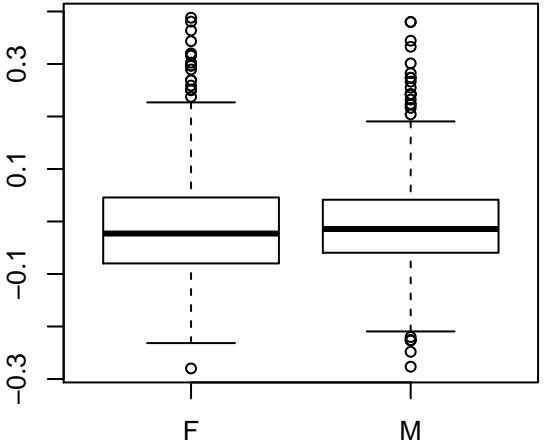
**Haem.BASO\_percent – raw (outliers remov  
(n = 1533 )**



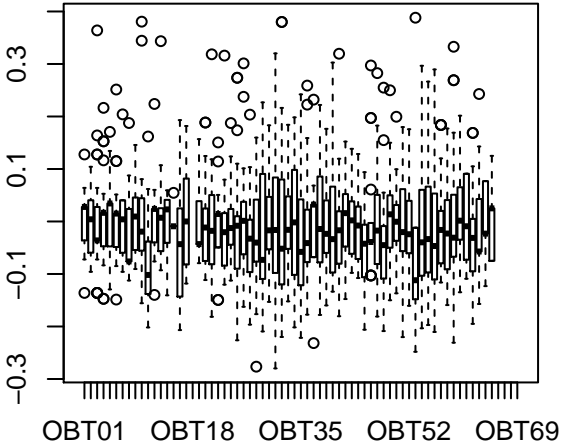
**Residuals (n = 1516 )**



**Residuals**

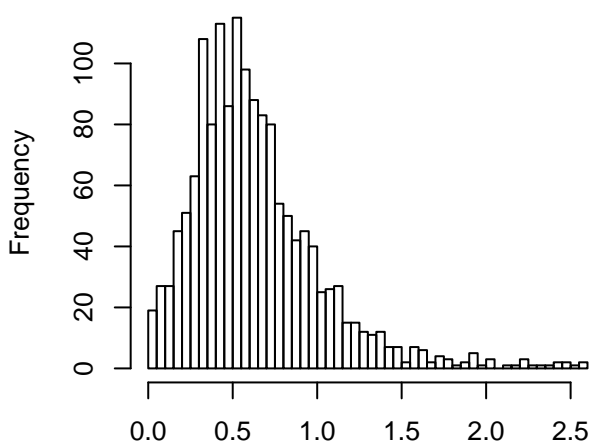


**Residuals**

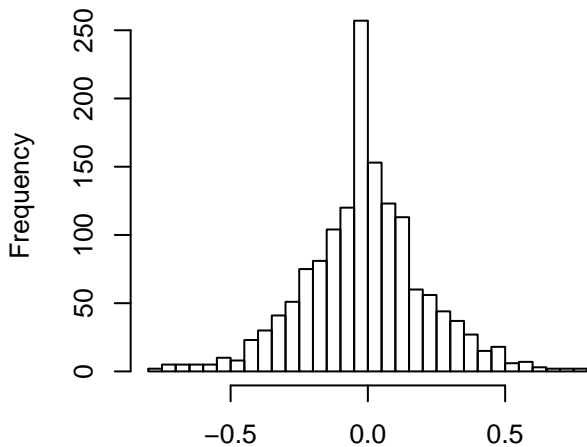




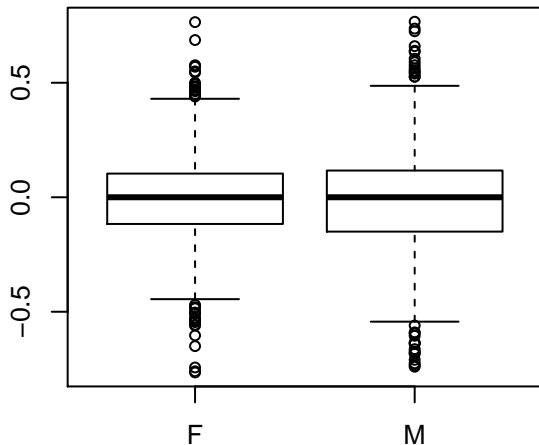
Haem.abs\_neuts – raw (outliers removed)  
(n = 1522 )



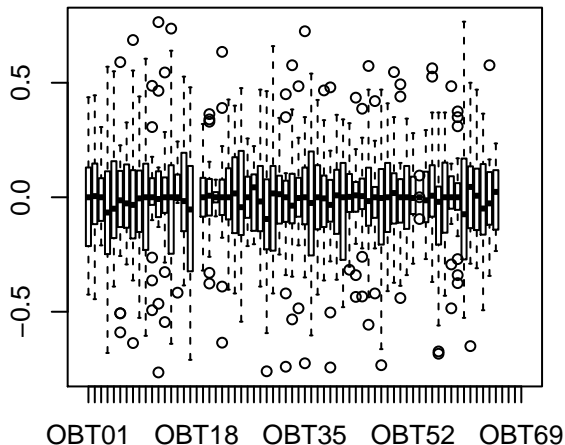
Residuals (n = 1490 )



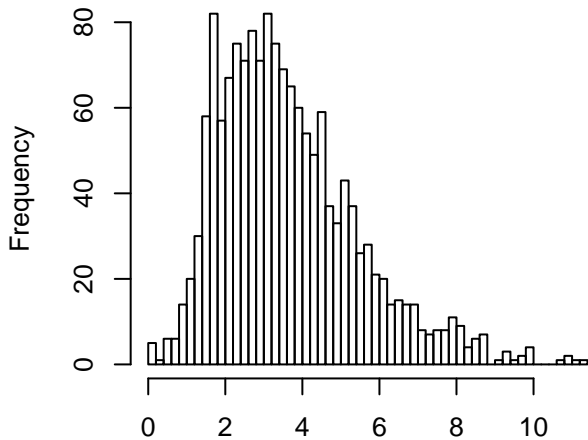
Residuals



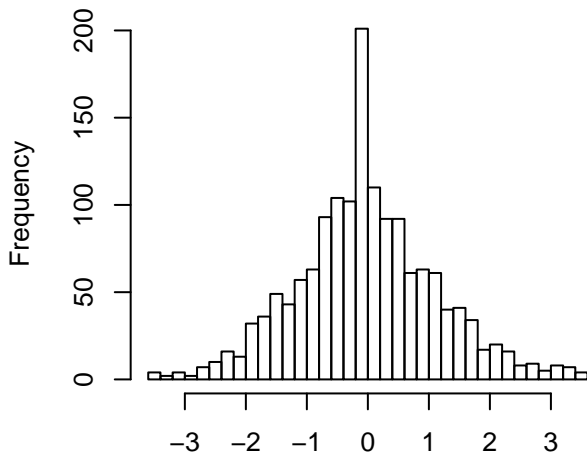
Residuals



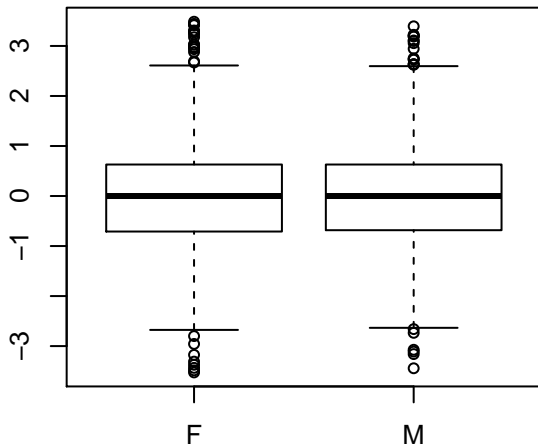
**Haem.abs\_lymphs - raw (outliers remove  
(n = 1540 )**



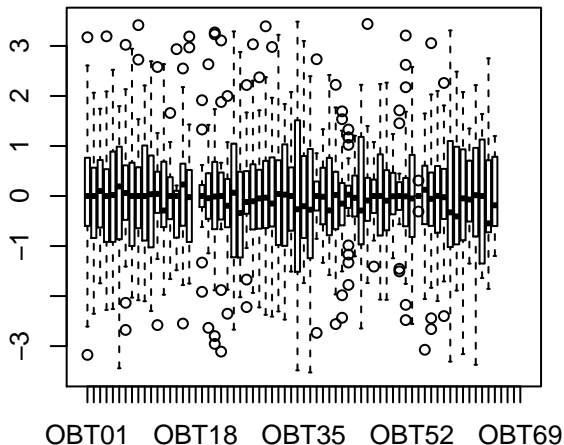
**Residuals (n = 1526 )**



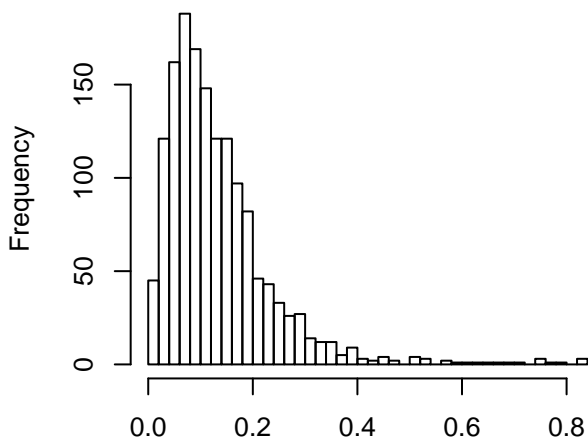
**Residuals**



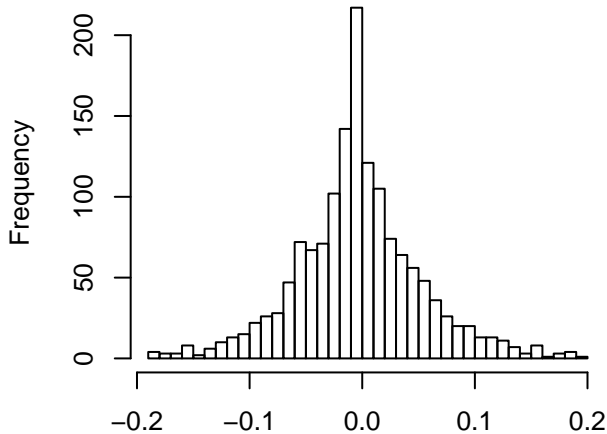
**Residuals**



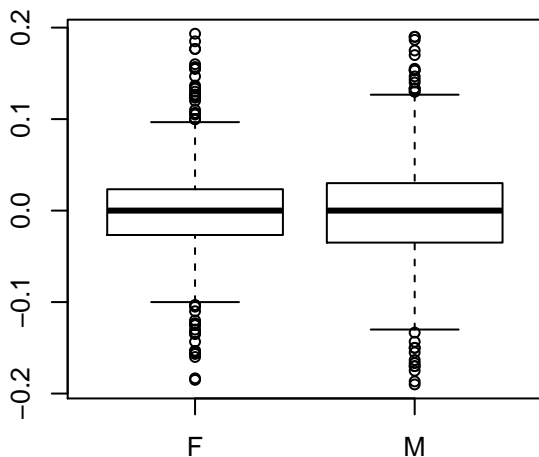
Haem.abs\_mono – raw (outliers removed)  
(n = 1516)



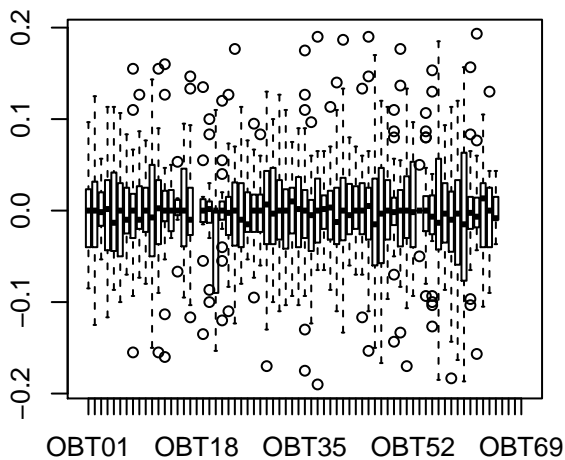
Residuals (n = 1492)



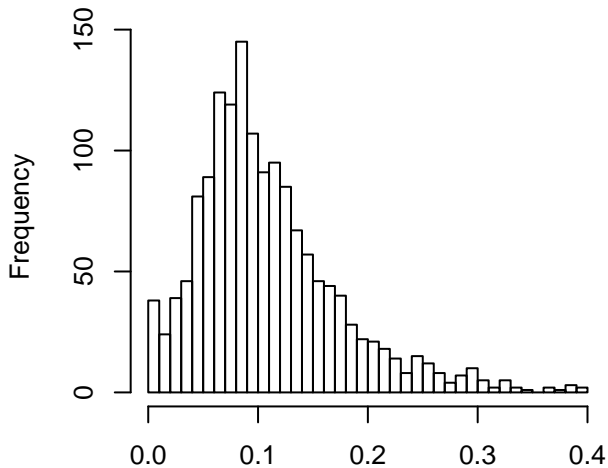
Residuals



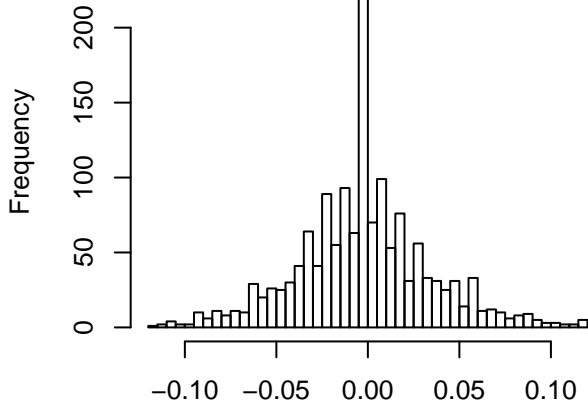
Residuals



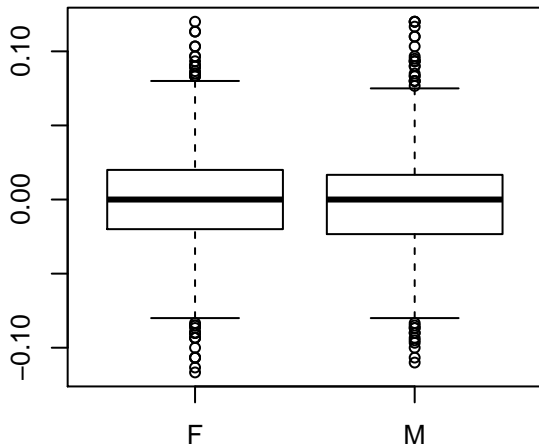
**Haem.abs\_eos – raw (outliers removed)**  
(n = 1527)



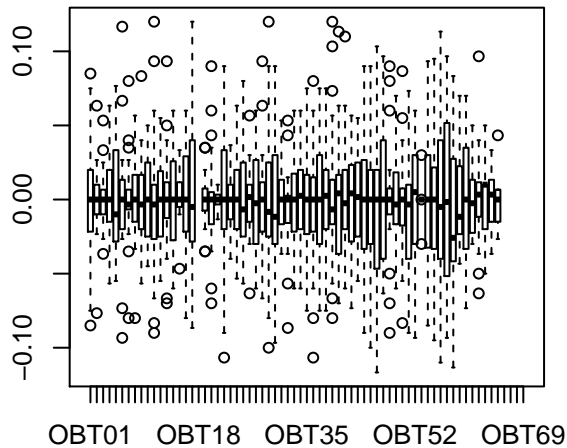
**Residuals (n = 1505)**



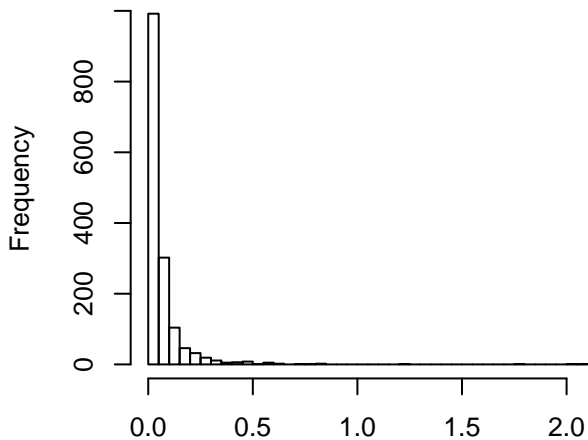
**Residuals**



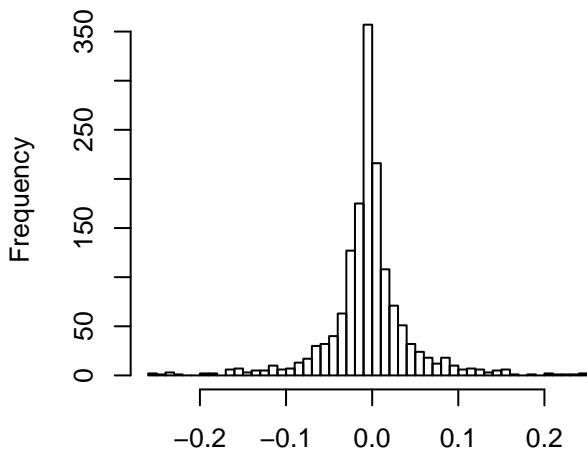
**Residuals**



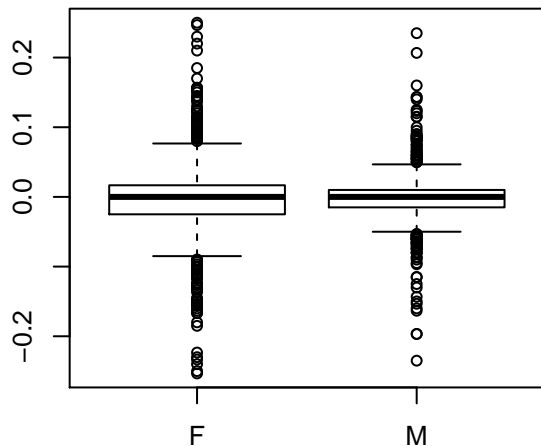
**Haem.abs\_lucs - raw (outliers removed)**  
(n = 1541)



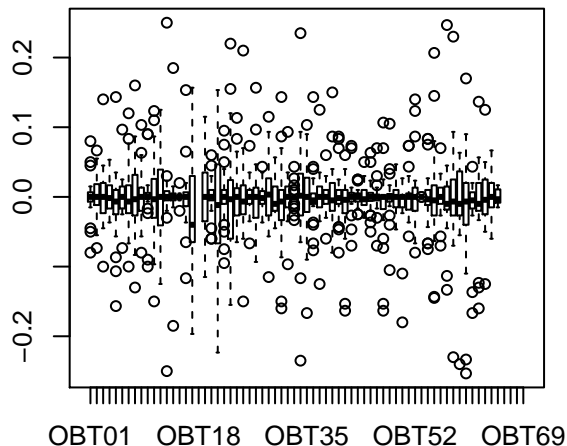
**Residuals (n = 1516)**



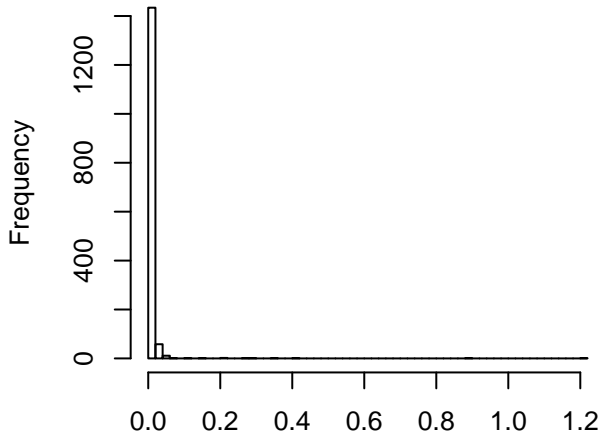
**Residuals**



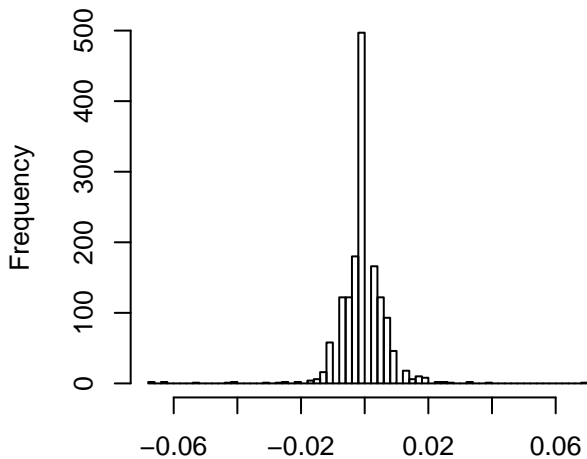
**Residuals**



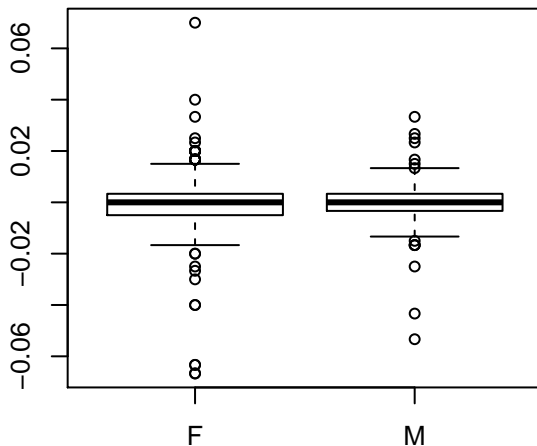
**Haem.abs\_basos - raw (outliers removed)**  
(n = 1514)



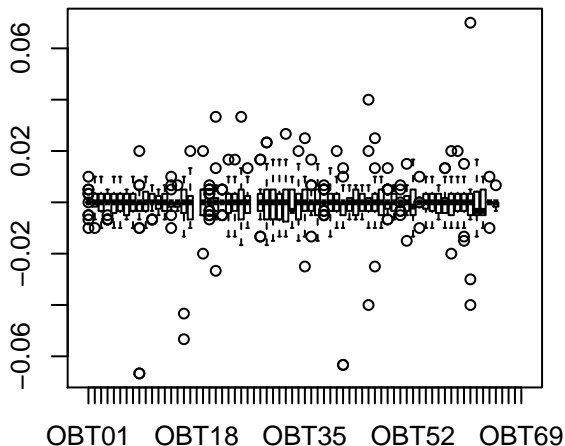
**Residuals (n = 1497)**



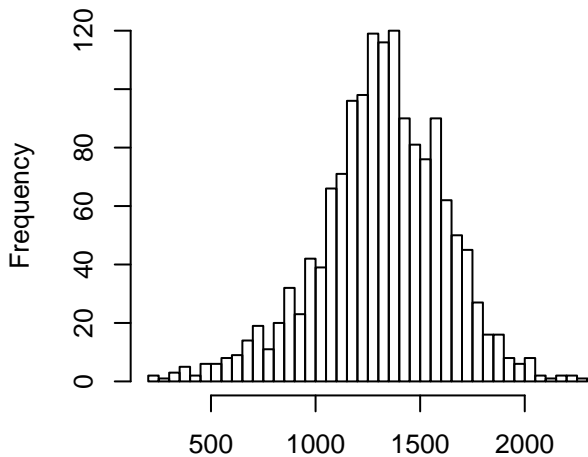
**Residuals**



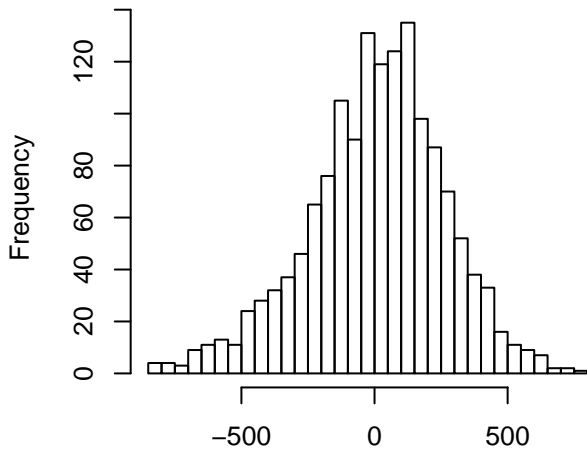
**Residuals**



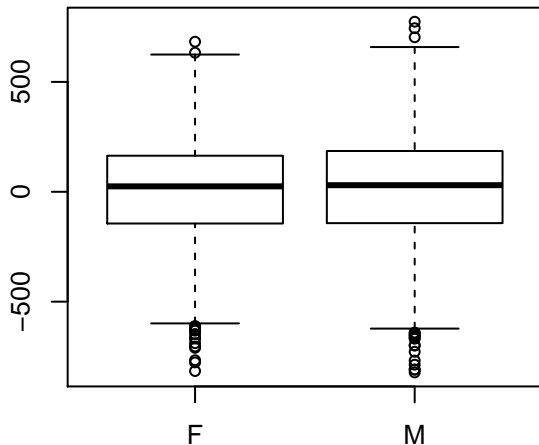
**Haem.PLT – raw (outliers removed)**  
**(n = 1511 )**



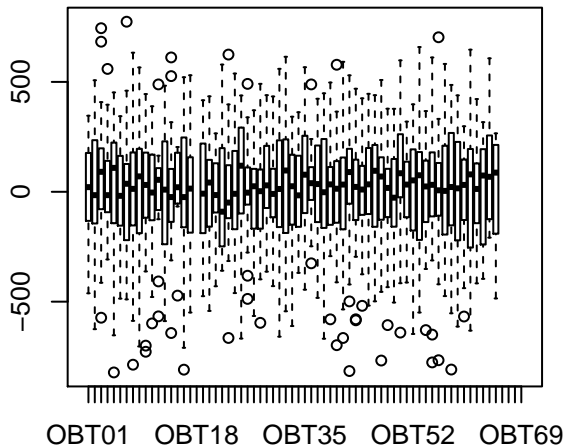
**Residuals (n = 1493 )**



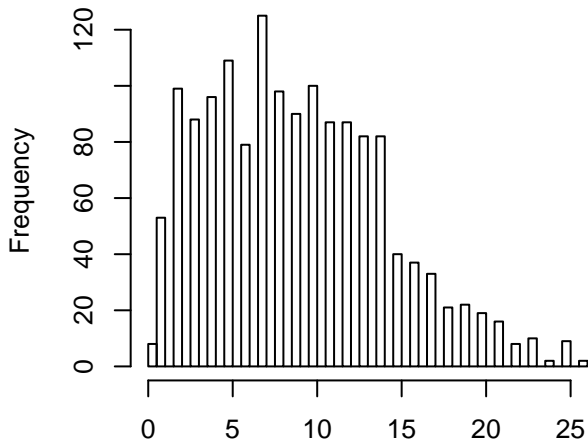
**Residuals**



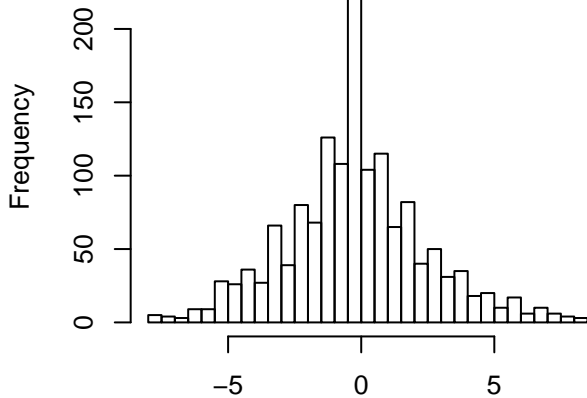
**Residuals**



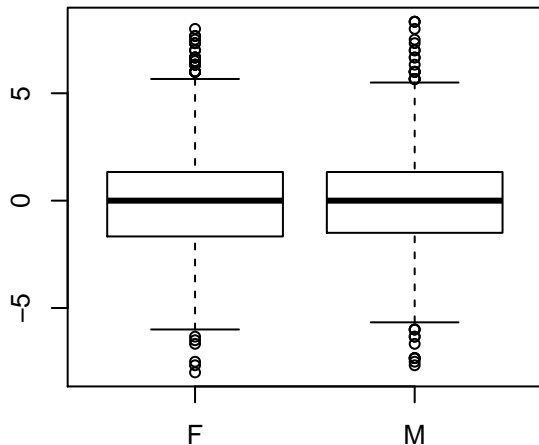
**Haem.Large\_PLT – raw (outliers removed)**  
**(n = 1502 )**



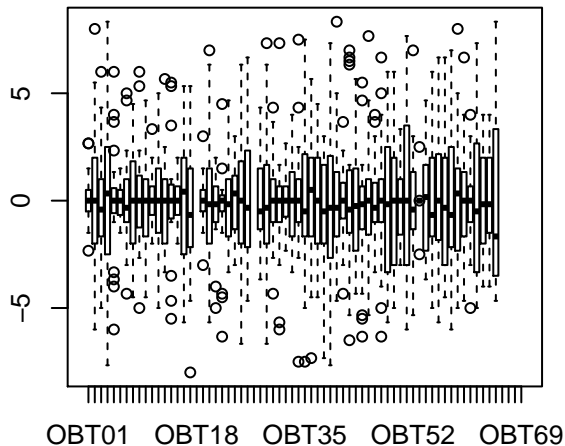
**Residuals (n = 1489 )**



**Residuals**

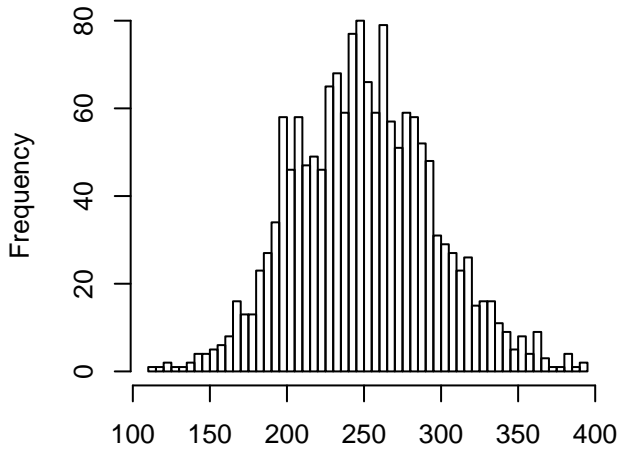


**Residuals**

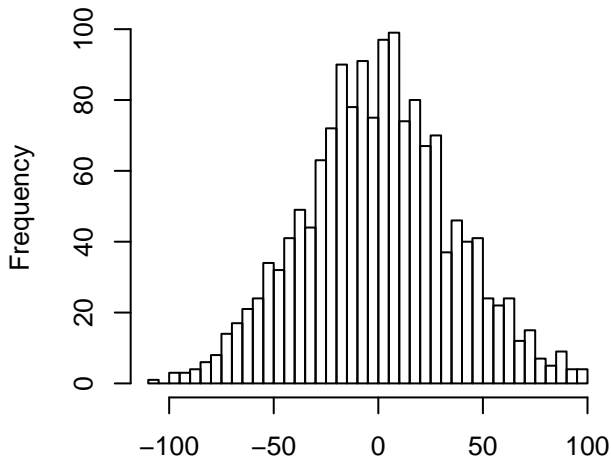




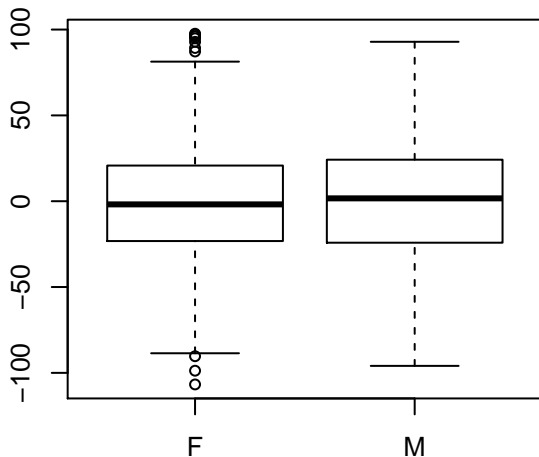
**Hypoxia.MV\_Baseline - raw (outliers remov  
(n = 1584 )**



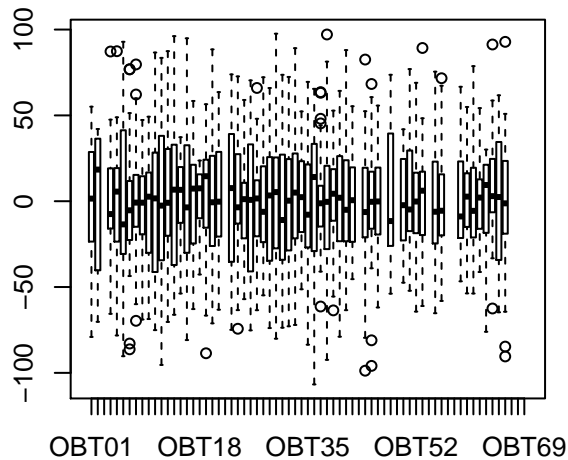
**Residuals (n = 1547 )**



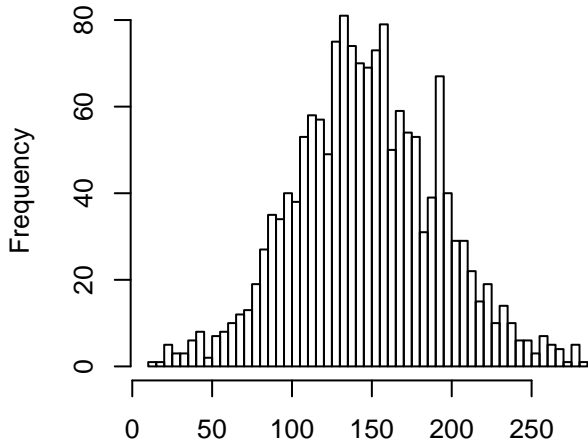
**Residuals**



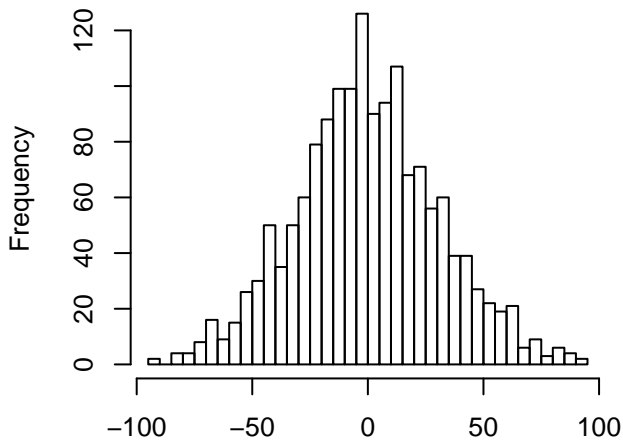
**Residuals**



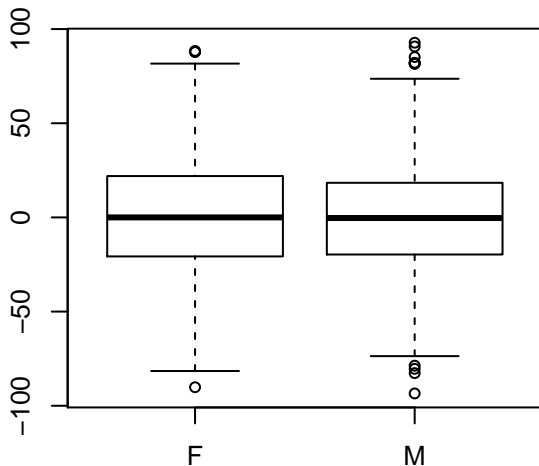
**Hypoxia.MV\_AHR - raw (outliers removed)**  
(n = 1589)



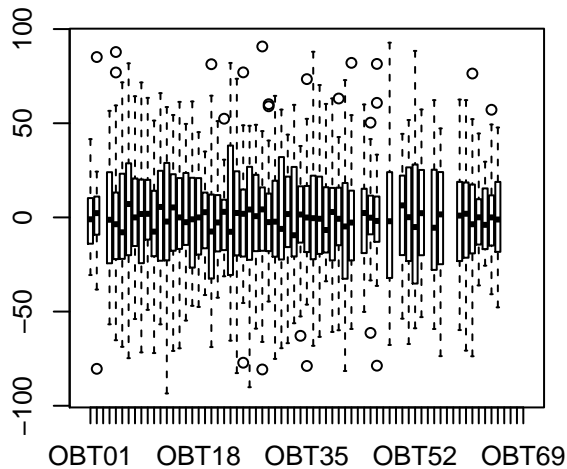
**Residuals (n = 1543)**



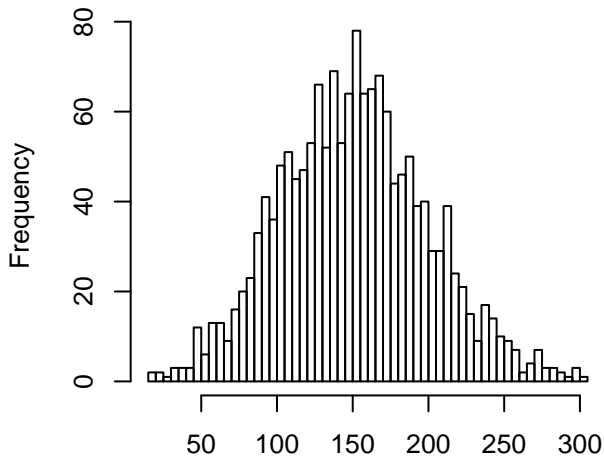
**Residuals**



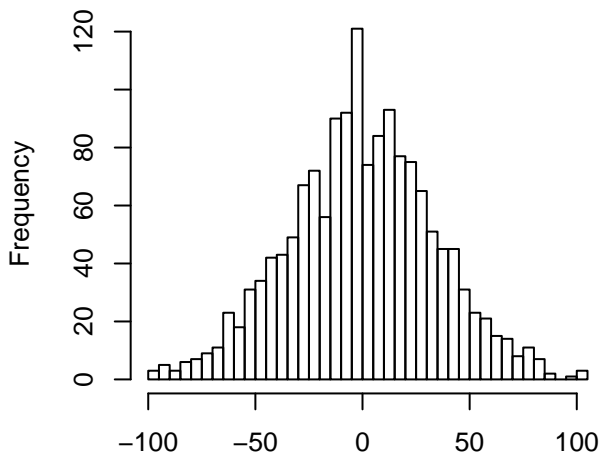
**Residuals**



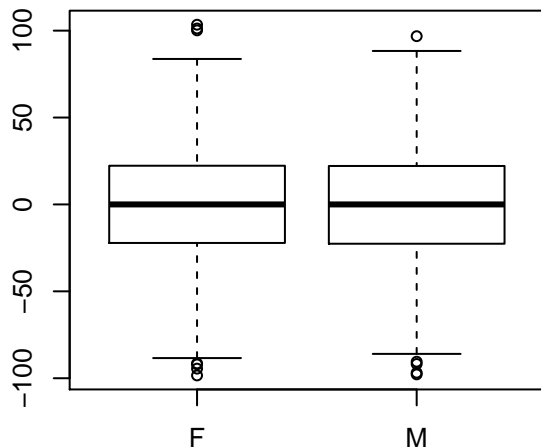
**Hypoxia.MV\_HVD - raw (outliers removed)**  
(n = 1587)



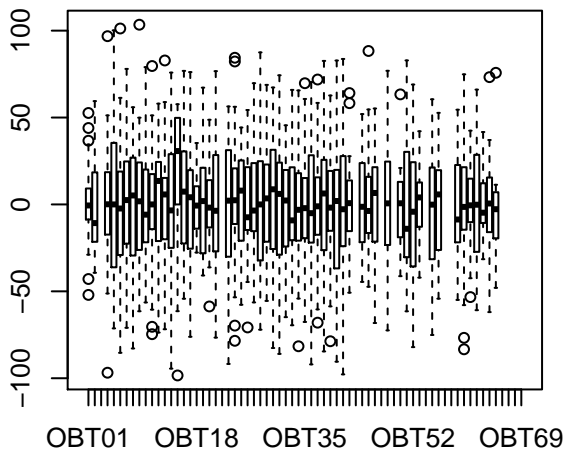
**Residuals (n = 1527)**



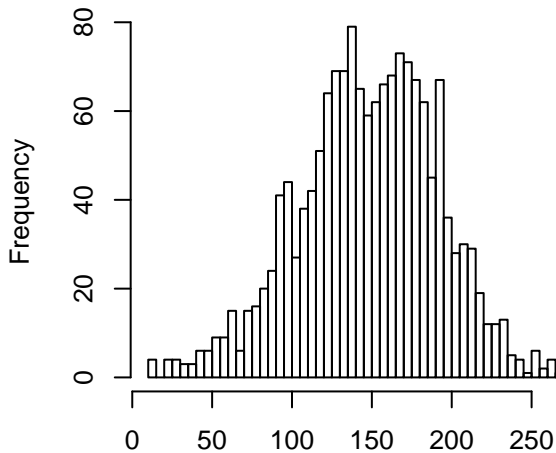
**Residuals**



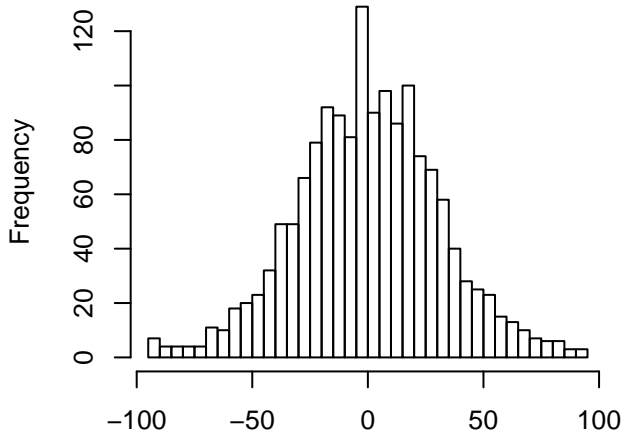
**Residuals**



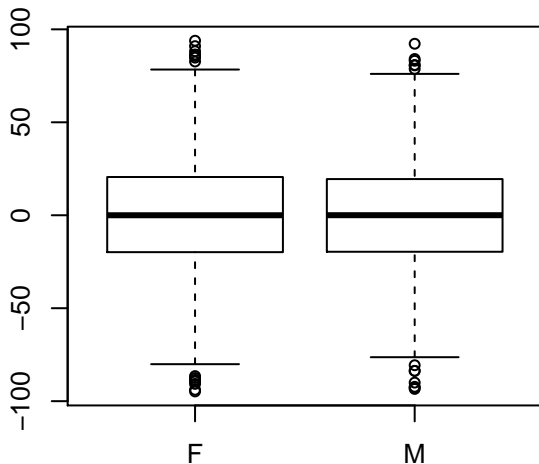
**Hypoxia.MV\_Undershoot - raw (outliers removed)**  
(n = 1584)



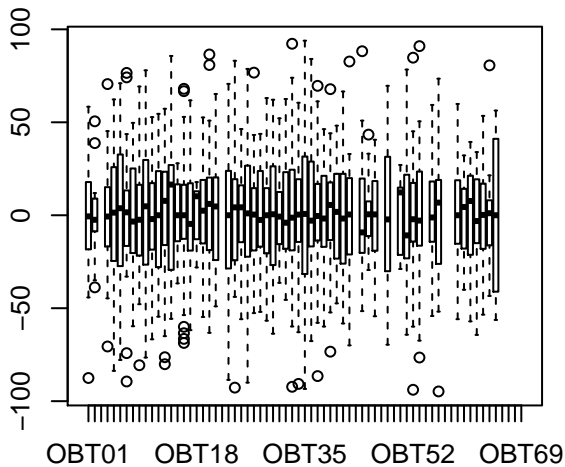
**Residuals (n = 1525)**



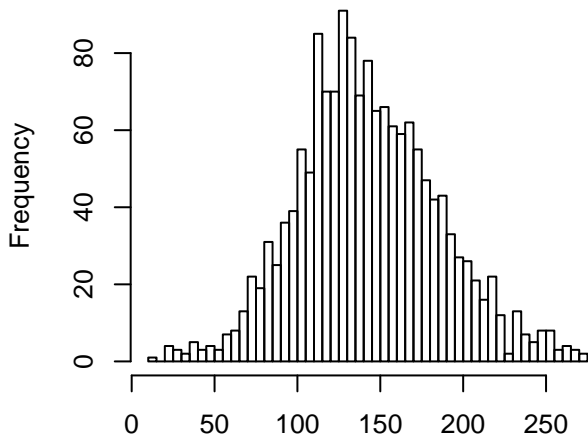
**Residuals**



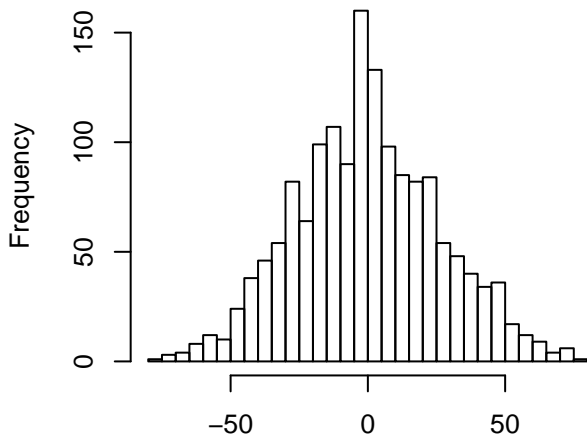
**Residuals**



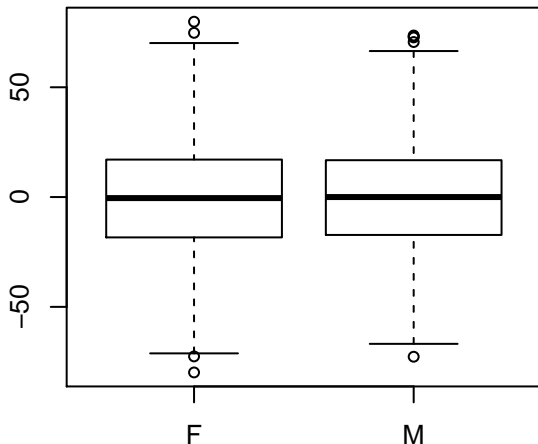
hypoxia.MV\_Off\_response - raw (outliers rem  
(n = 1588 )



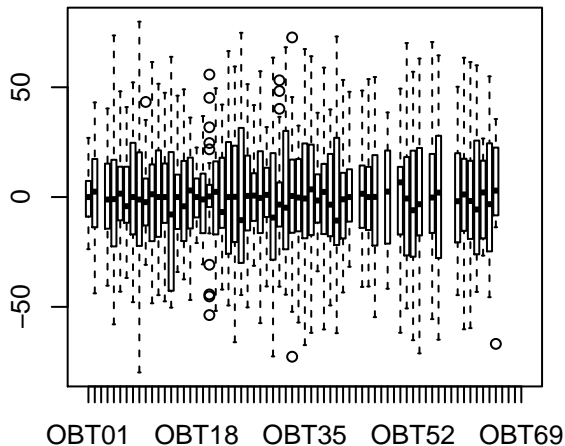
Residuals (n = 1545 )



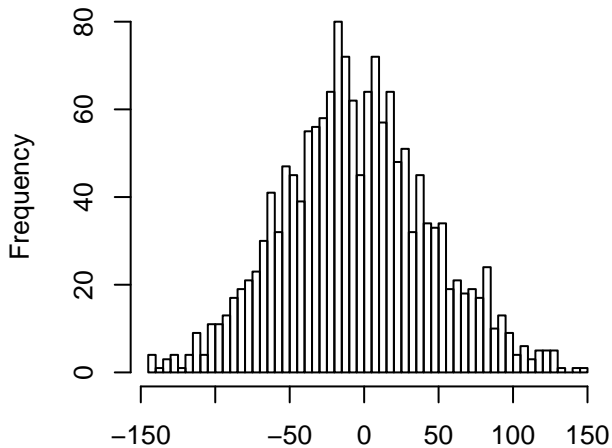
Residuals



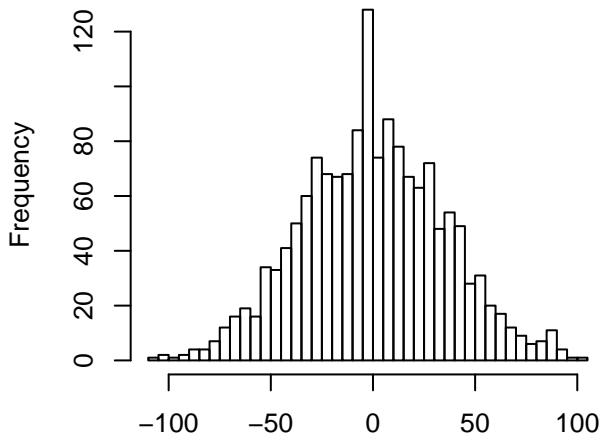
Residuals



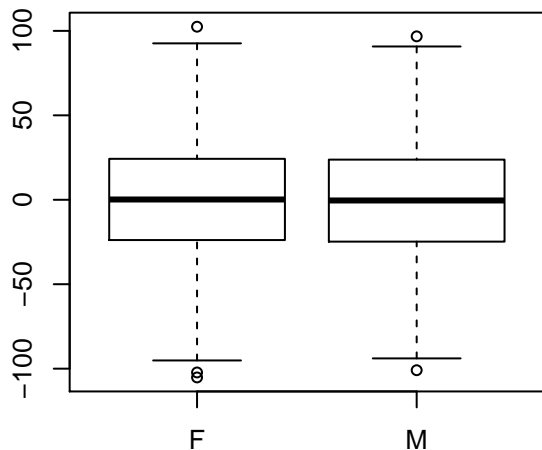
**Hypoxia.MV\_SHR - raw (outliers removed)**  
(n = 1586 )



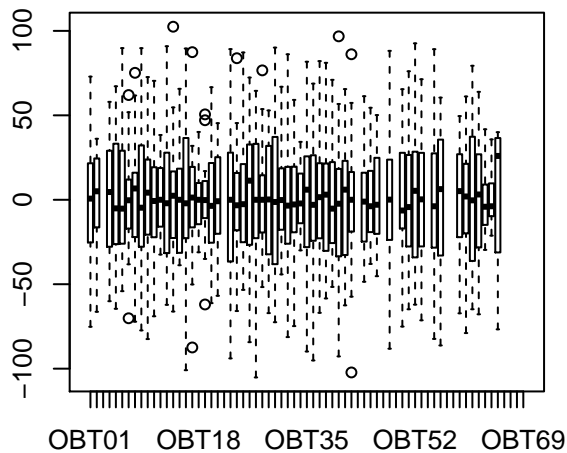
**Residuals (n = 1531 )**



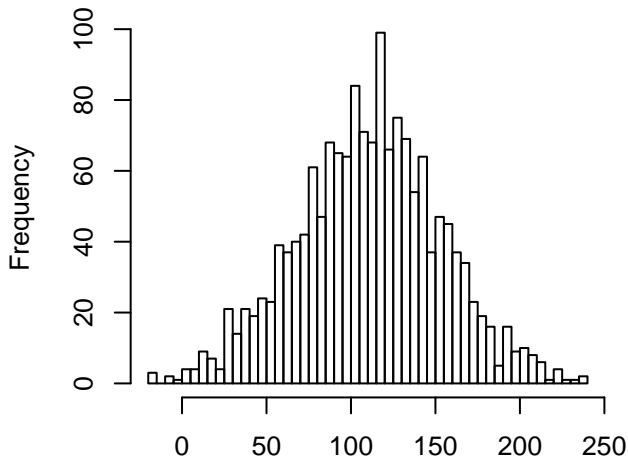
**Residuals**



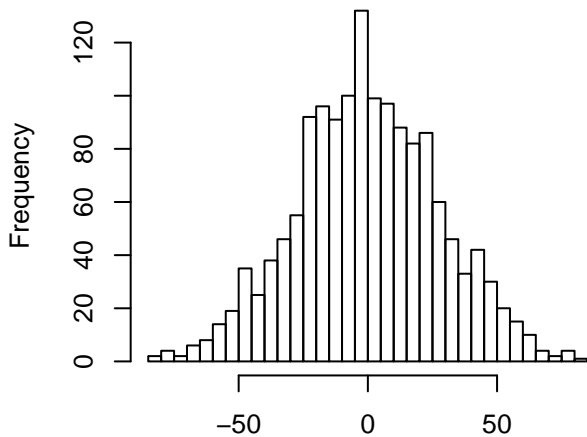
**Residuals**



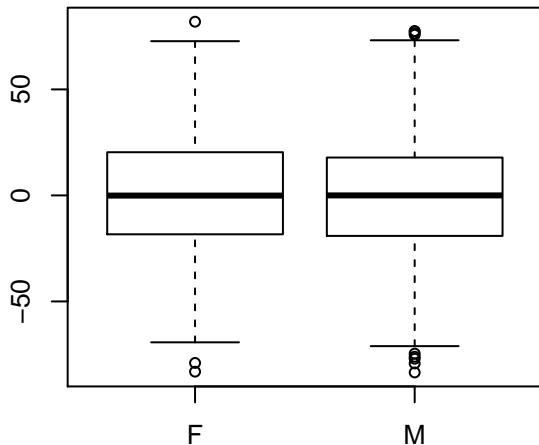
**Hypoxia.MV\_NR – raw (outliers removed)**  
**(n = 1590 )**



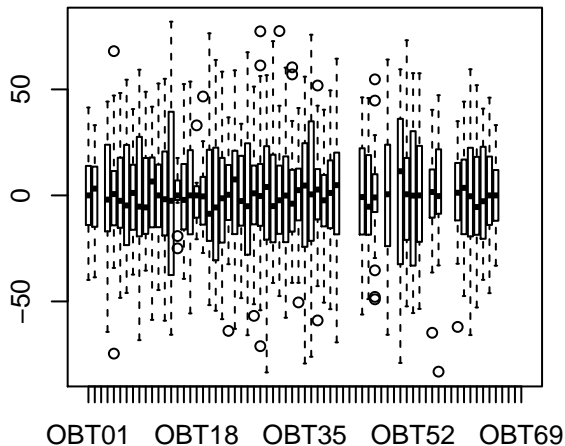
**Residuals (n = 1484 )**



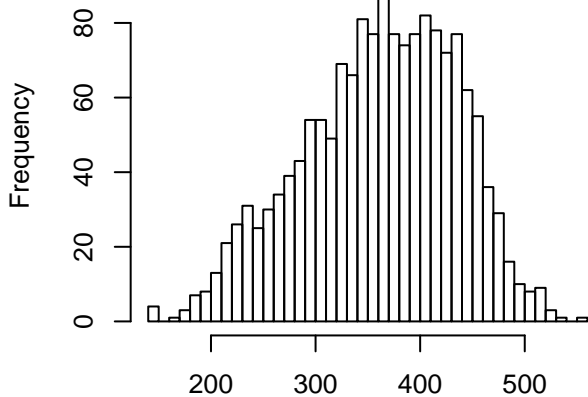
**Residuals**



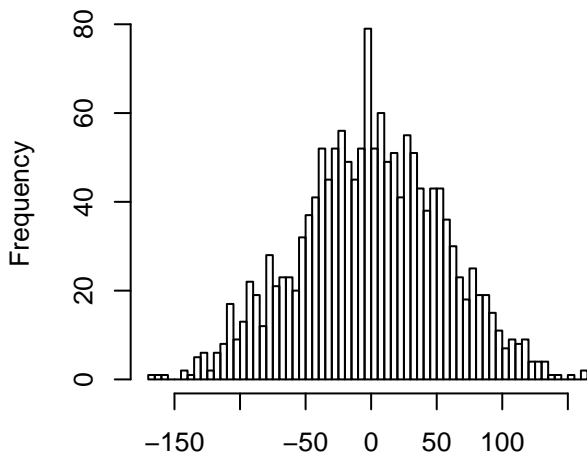
**Residuals**



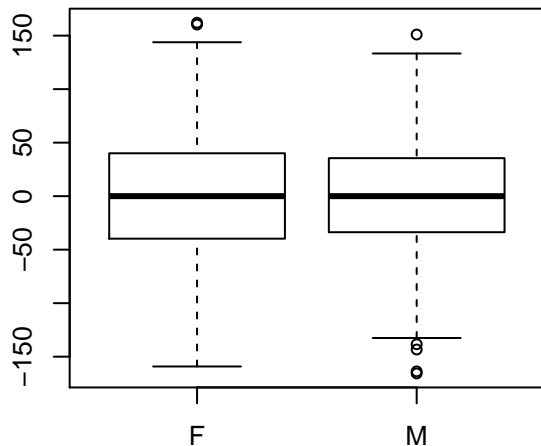
**Hypoxia.f\_Baseline – raw (outliers remove  
(n = 1596 )**



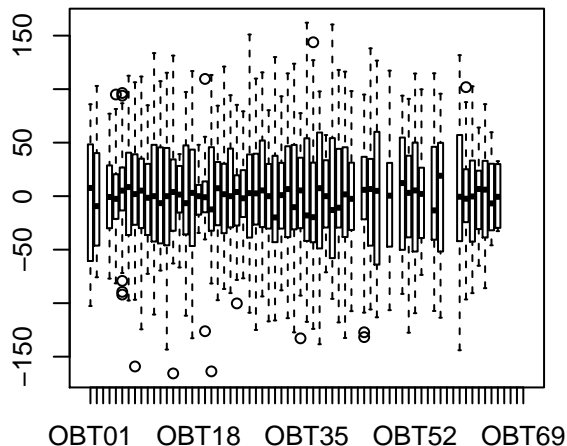
**Residuals (n = 1552 )**



**Residuals**

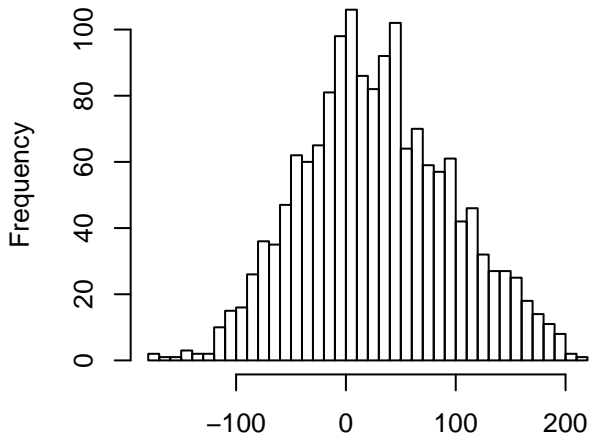


**Residuals**

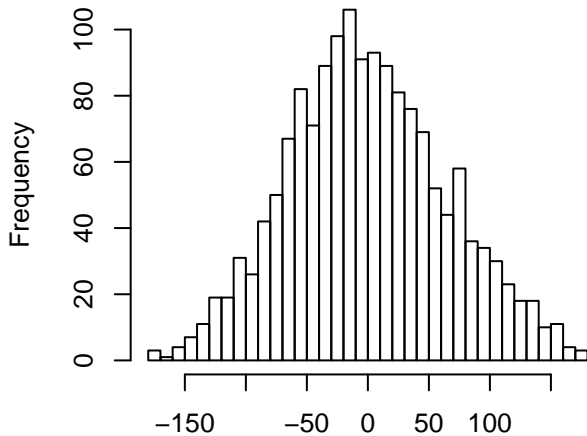




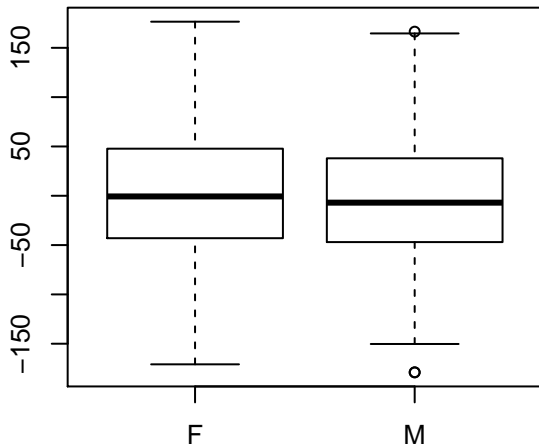
**Hypoxia.f\_AHR - raw (outliers removed)**  
(n = 1594 )



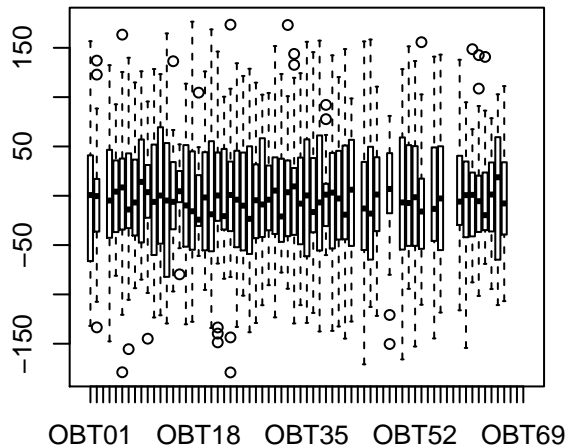
**Residuals (n = 1566 )**



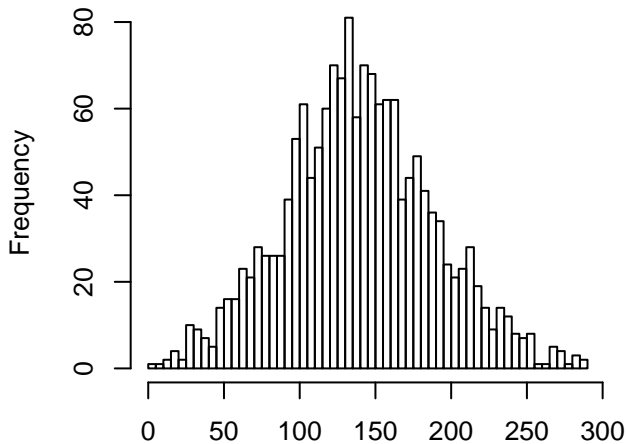
**Residuals**



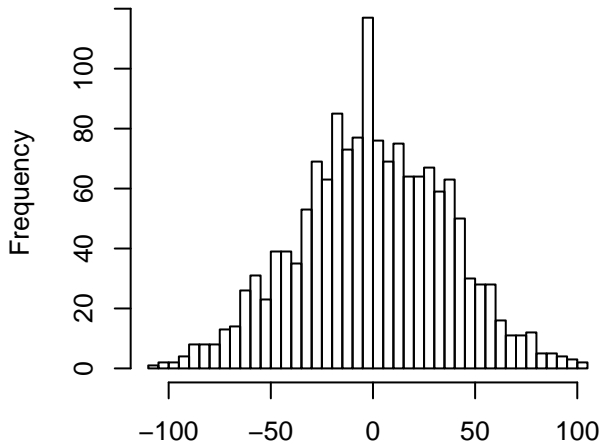
**Residuals**



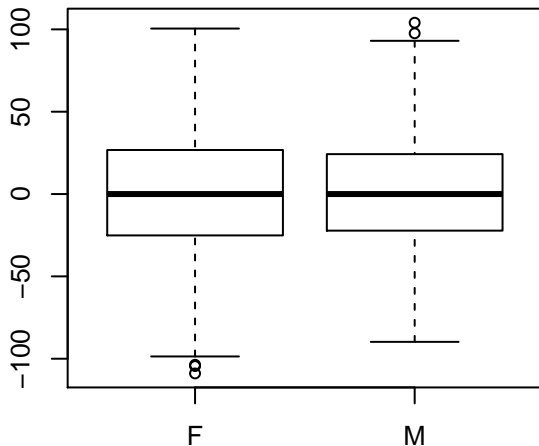
**Hypoxia.f\_HVD – raw (outliers removed)**  
(n = 1591 )



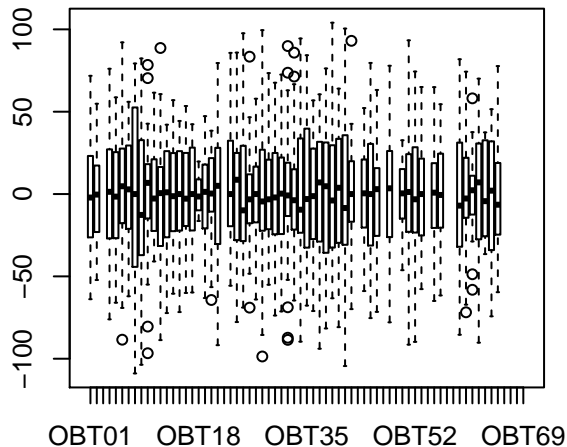
**Residuals (n = 1532 )**



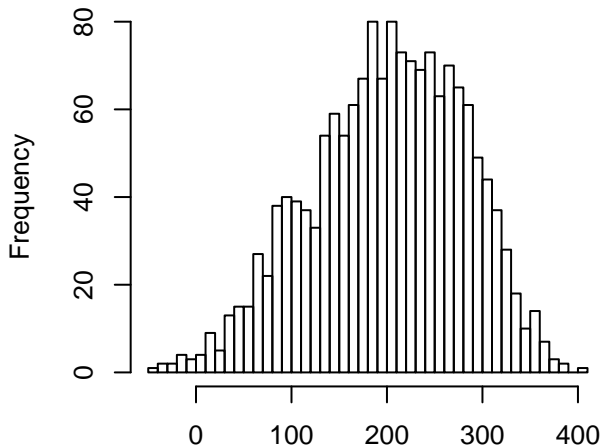
**Residuals**



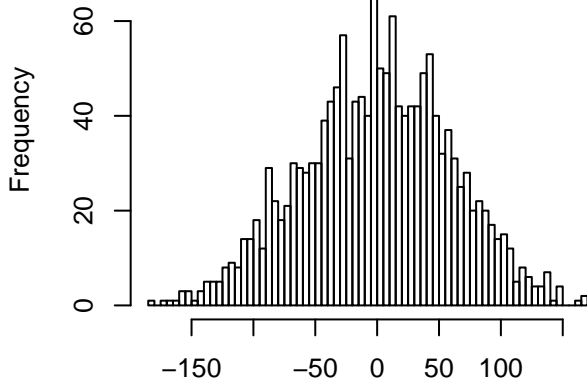
**Residuals**



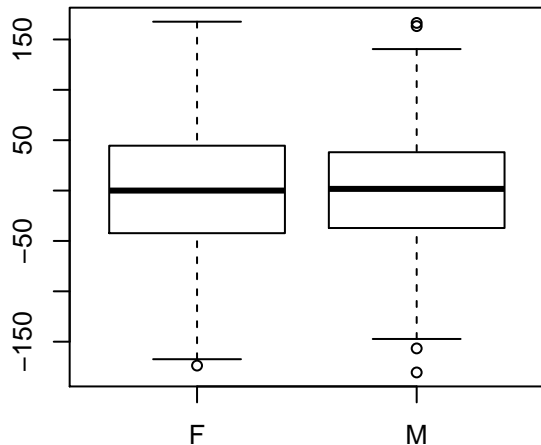
**Hypoxia.f\_Undershoot – raw (outliers removed)**  
(n = 1589)



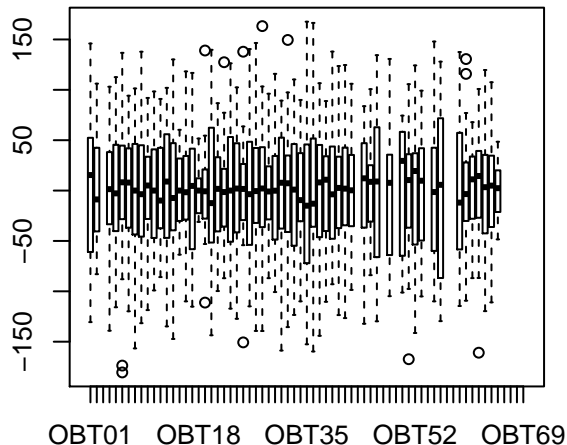
**Residuals (n = 1549)**



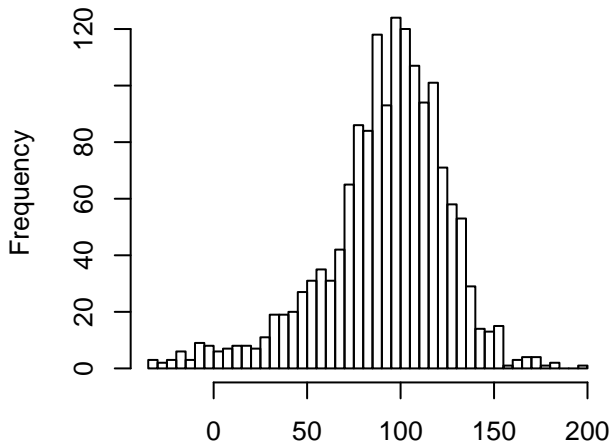
**Residuals**



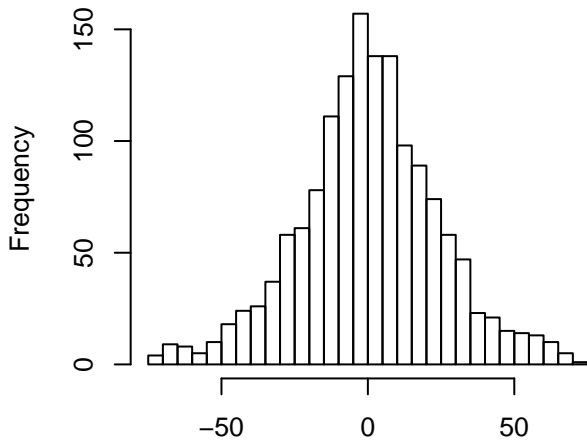
**Residuals**



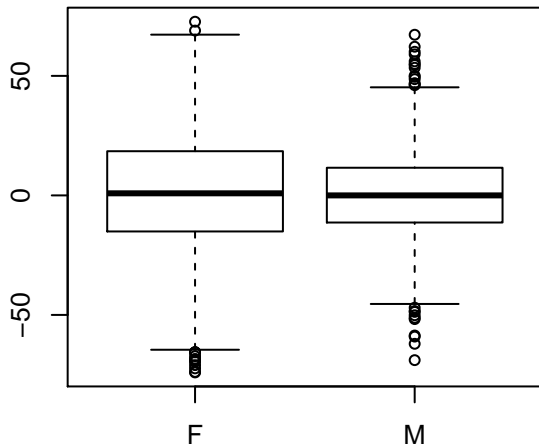
**Hypoxia.f\_Off\_response - raw (outliers remc  
(n = 1566 )**



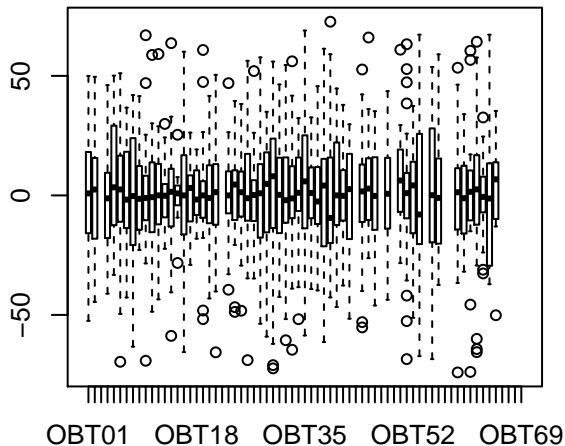
**Residuals (n = 1479 )**



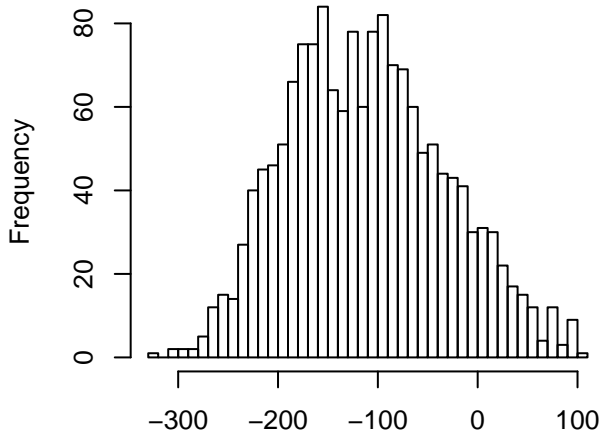
**Residuals**



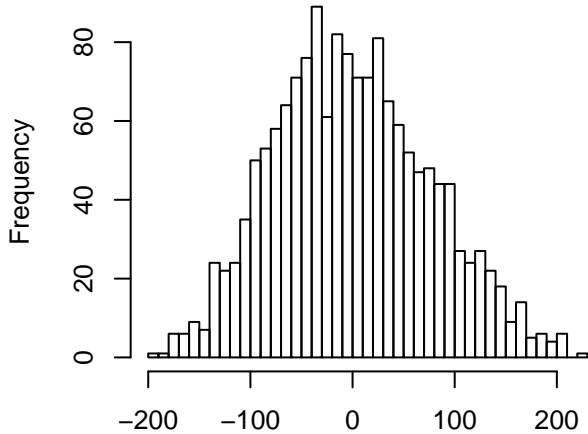
**Residuals**



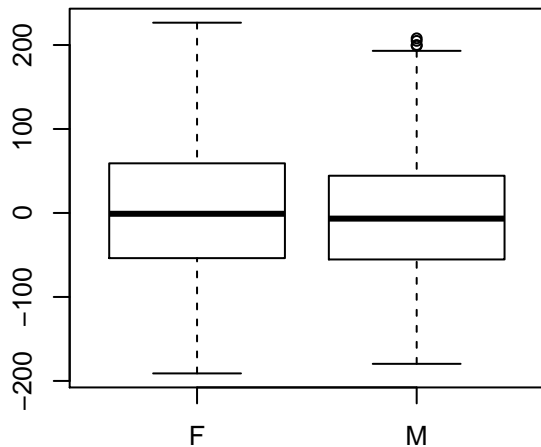
**Hypoxia.f\_SHR – raw (outliers removed)**  
(n = 1596)



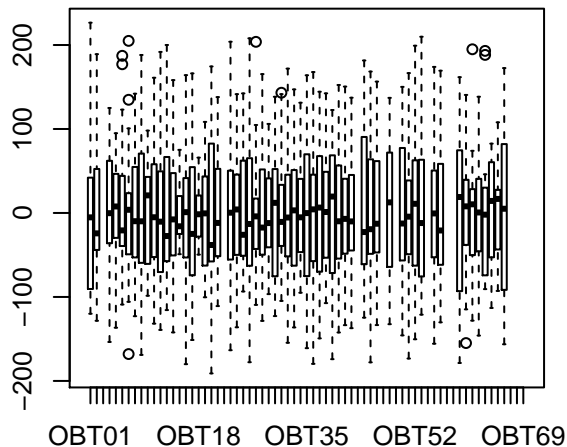
**Residuals (n = 1561)**



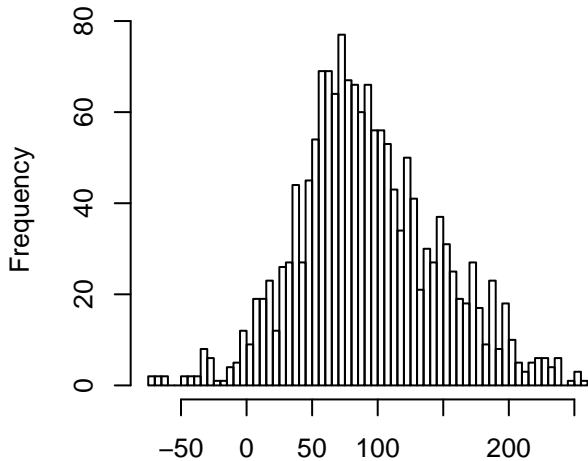
**Residuals**



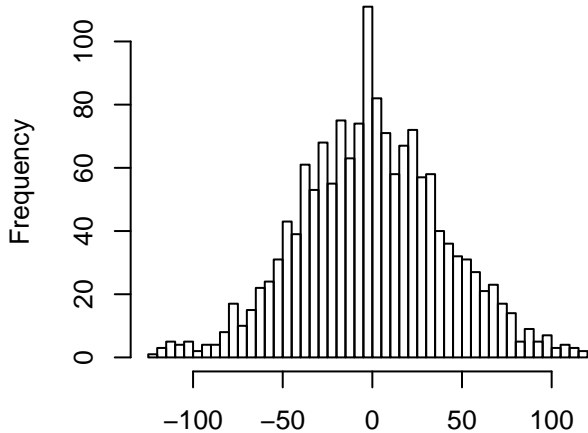
**Residuals**



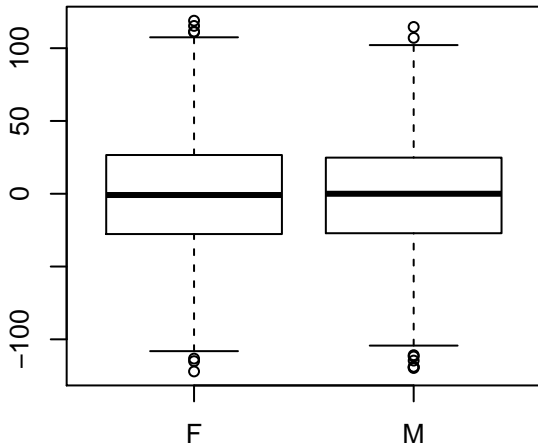
**Hypoxia.f\_NR – raw (outliers removed)**  
(n = 1585)



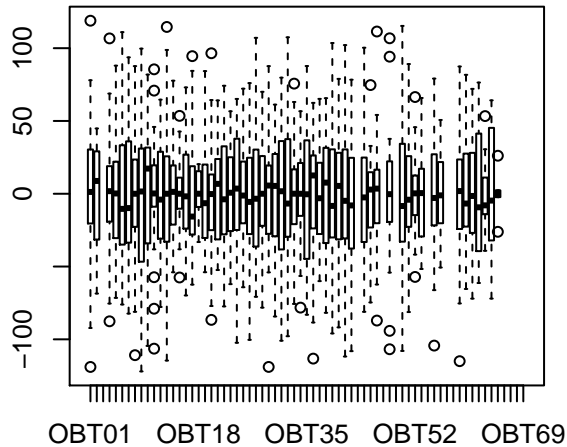
**Residuals (n = 1541)**



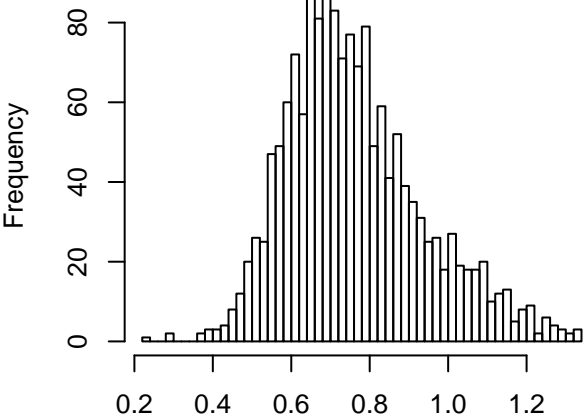
**Residuals**



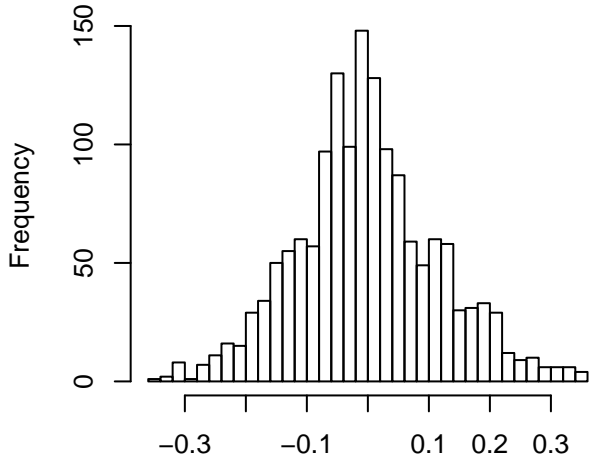
**Residuals**



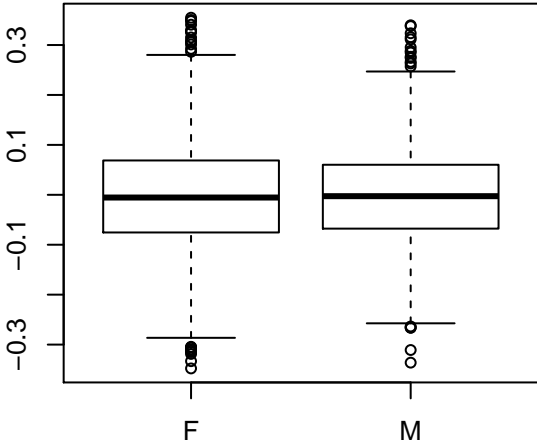
**Hypoxia.TV\_Baseline – raw (outliers remov  
(n = 1580 )**



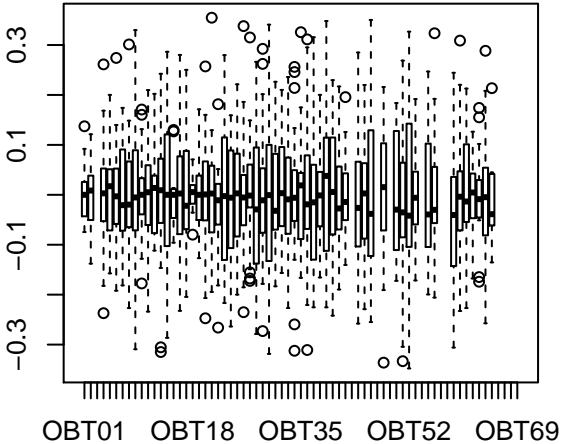
**Residuals (n = 1535 )**



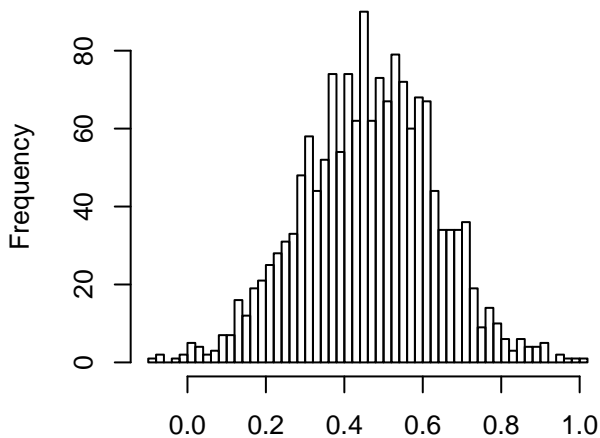
**Residuals**



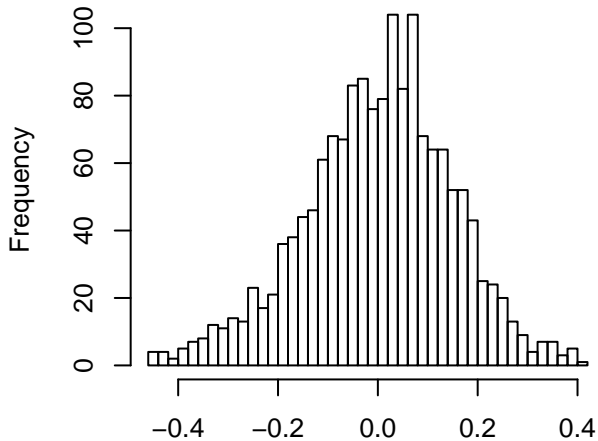
**Residuals**



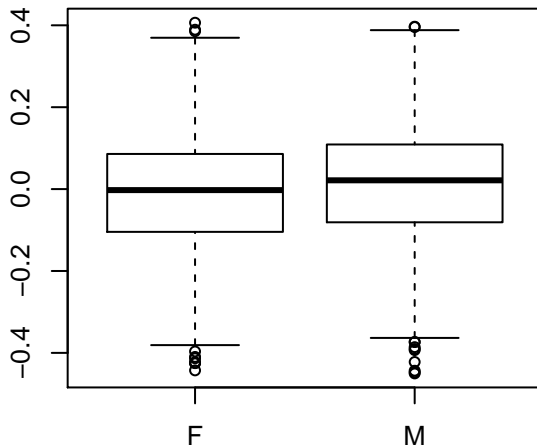
**Hypoxia.TV\_AHR – raw (outliers removed)**  
(n = 1590 )



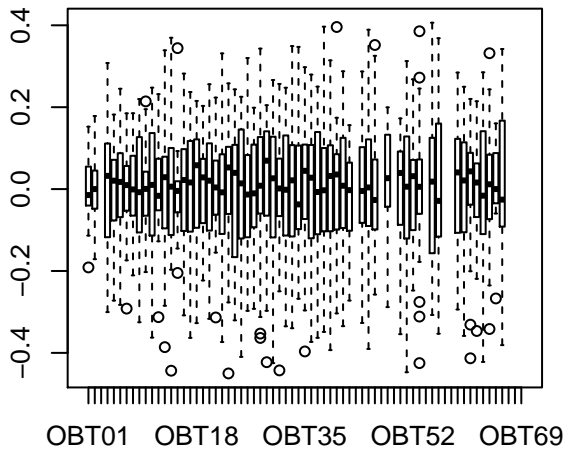
**Residuals (n = 1575 )**



**Residuals**

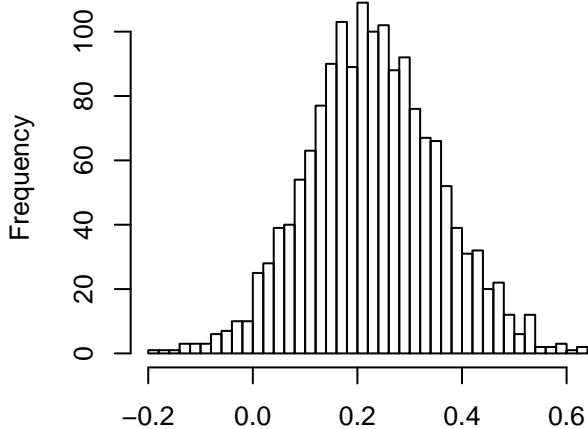


**Residuals**

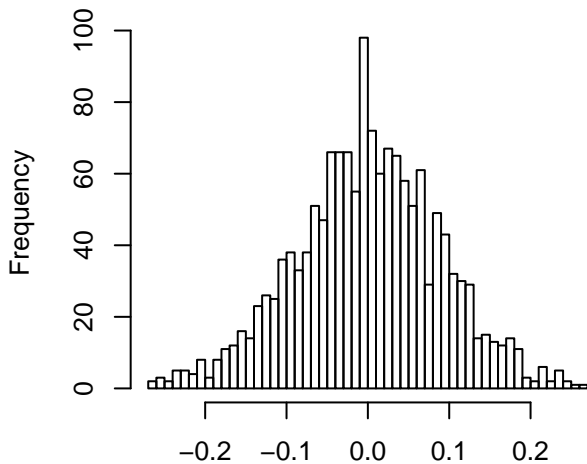




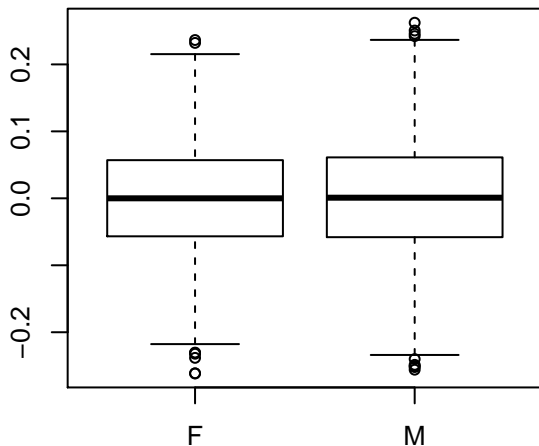
**Hypoxia.TV\_HVD – raw (outliers removed)**  
(n = 1589)



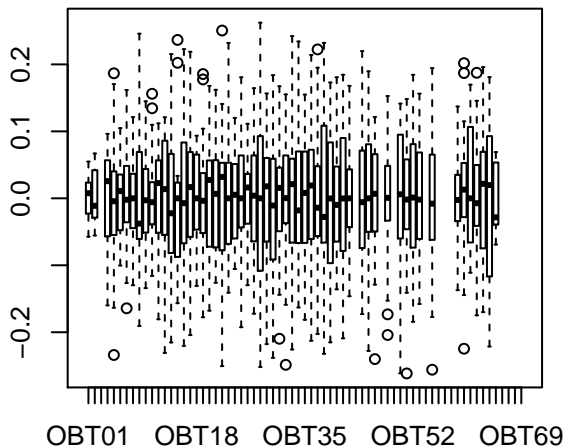
**Residuals (n = 1508)**



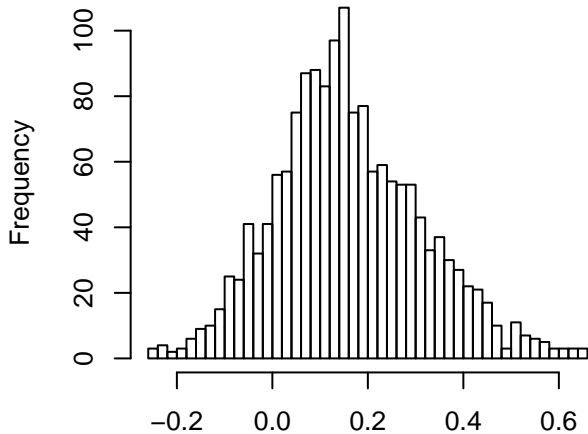
**Residuals**



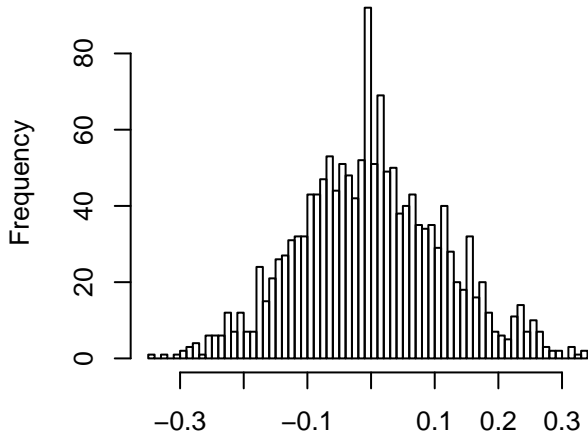
**Residuals**



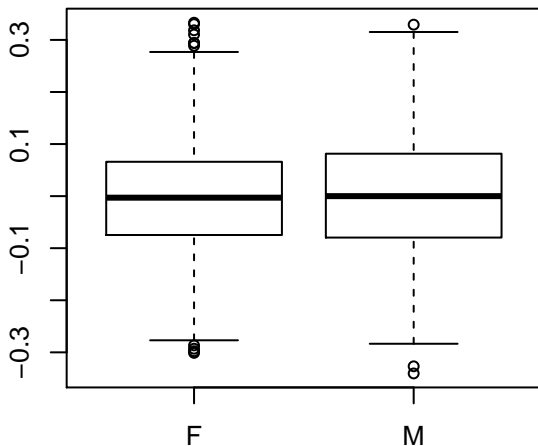
**hypoxia.TV\_Undershoot - raw (outliers remc  
(n = 1577 )**



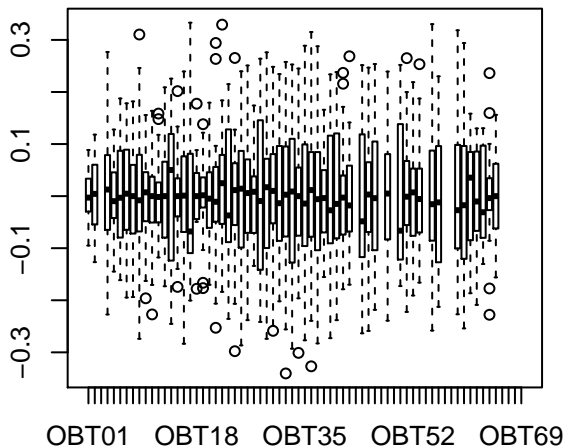
**Residuals (n = 1538 )**



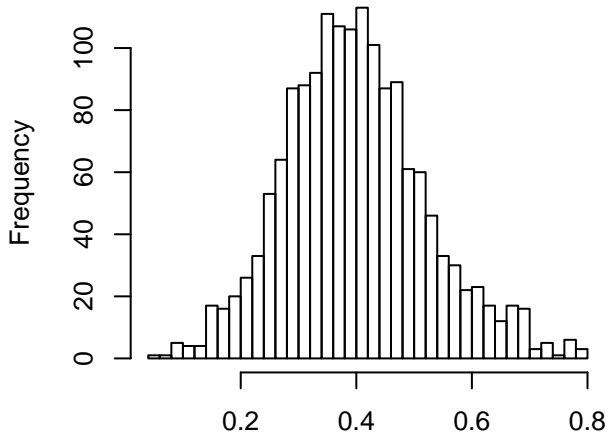
**Residuals**



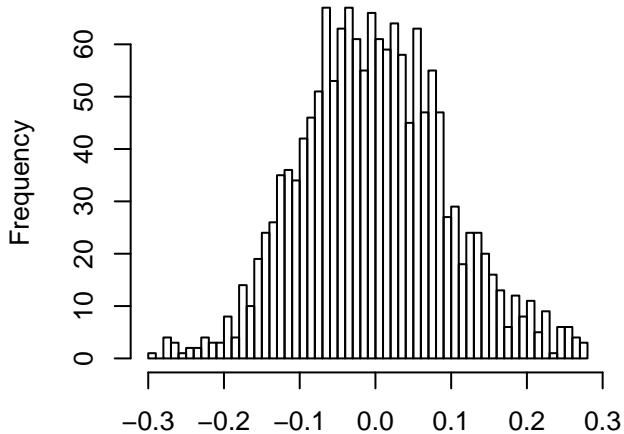
**Residuals**



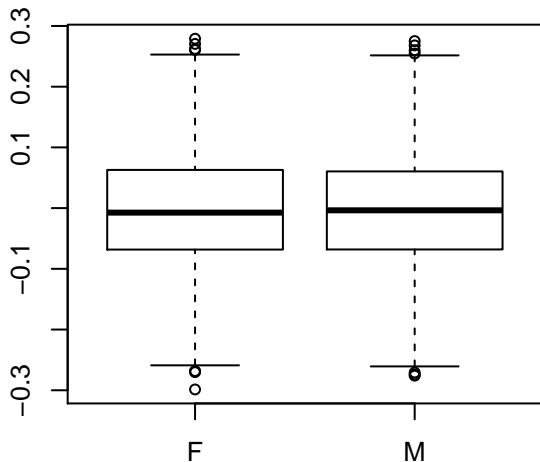
hypoxia.TV\_Off\_response - raw (outliers rem)  
(n = 1580)



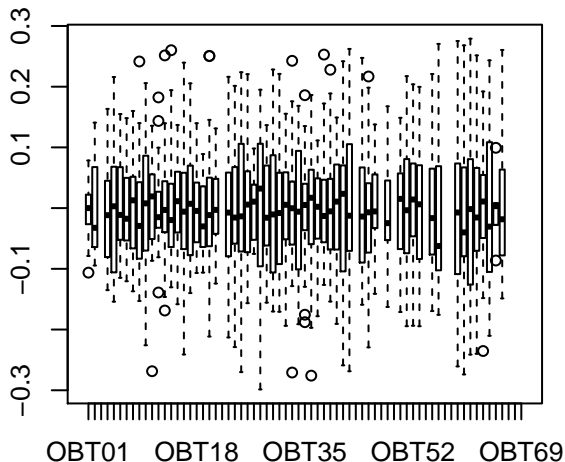
Residuals (n = 1545)



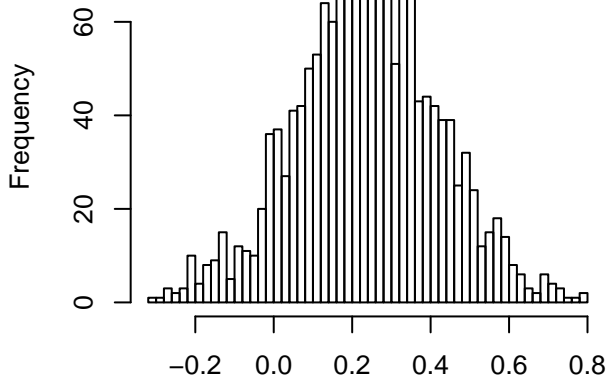
Residuals



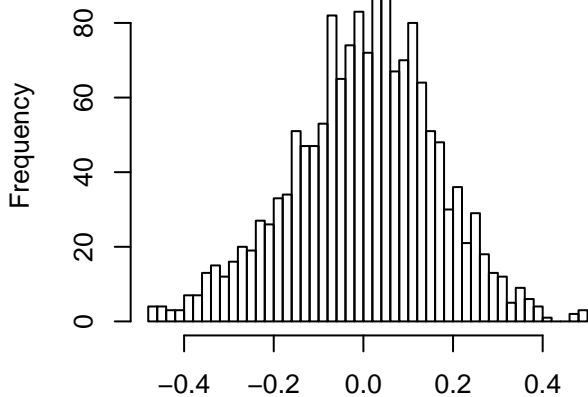
Residuals



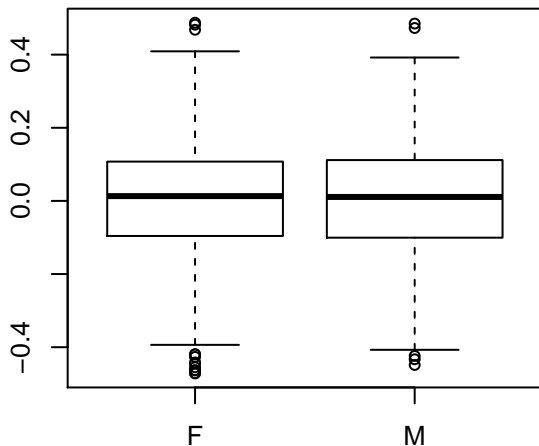
**Hypoxia.TV\_SHR – raw (outliers removed)**  
(n = 1585)



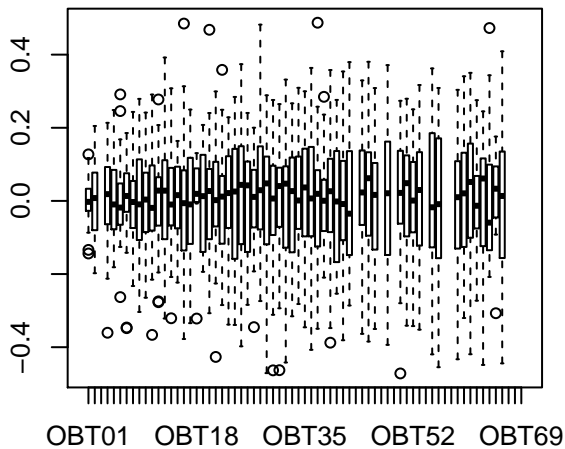
**Residuals (n = 1571)**



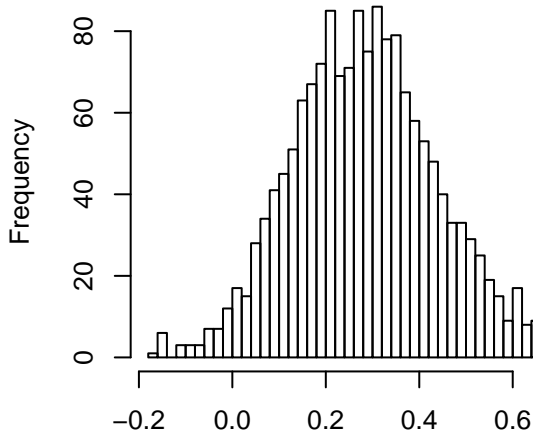
**Residuals**



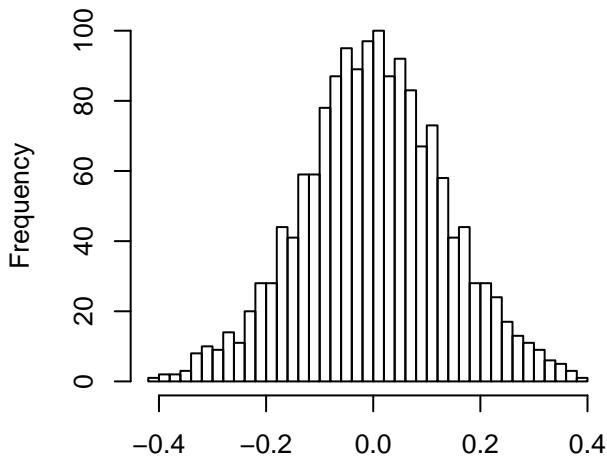
**Residuals**



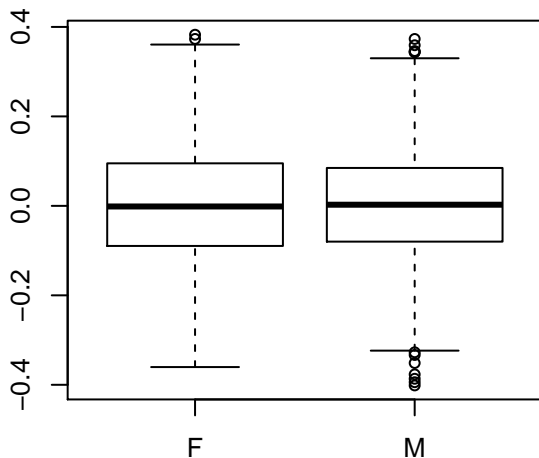
**Hypoxia.TV\_NR – raw (outliers removed,  
(n = 1589 )**



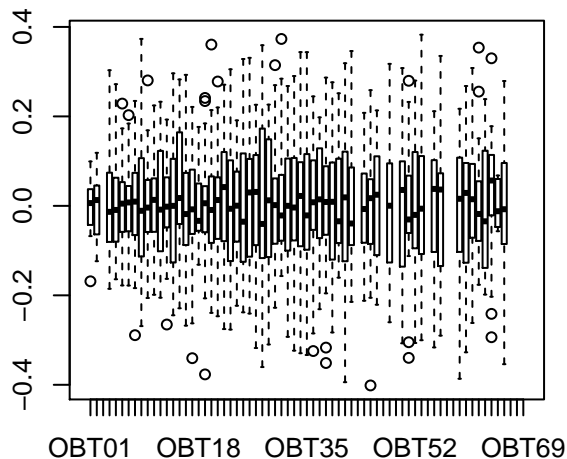
**Residuals (n = 1575 )**



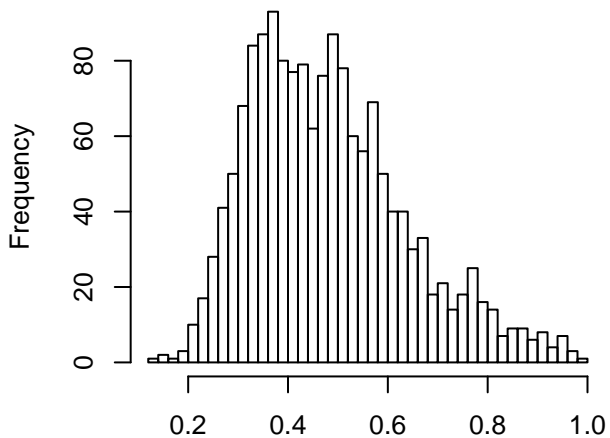
**Residuals**



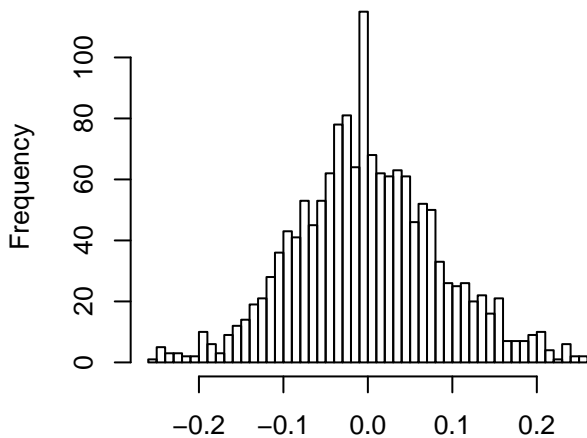
**Residuals**



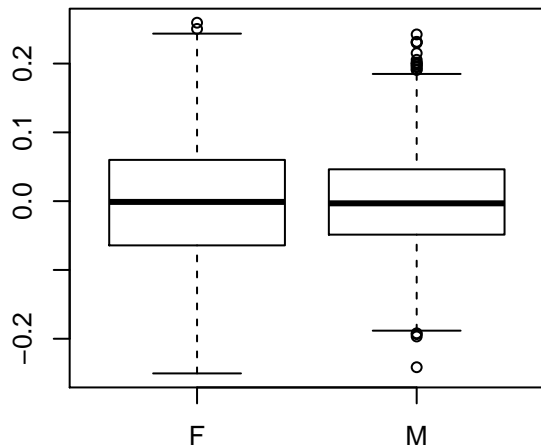
proxia.MV\_Baseline\_Corr - raw (outliers ren  
(n = 1582 )



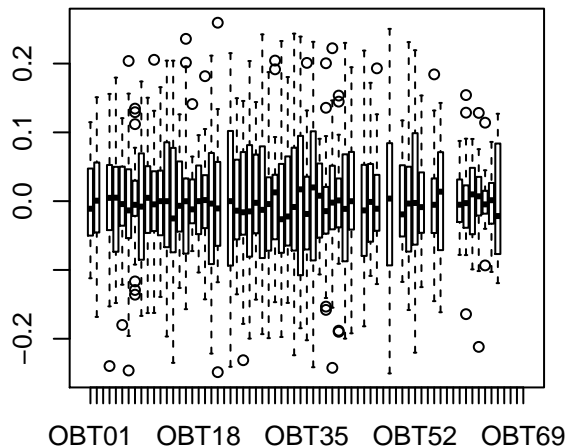
Residuals (n = 1516 )



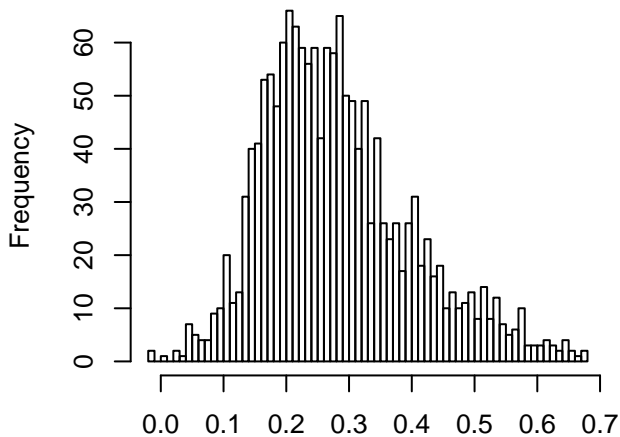
Residuals



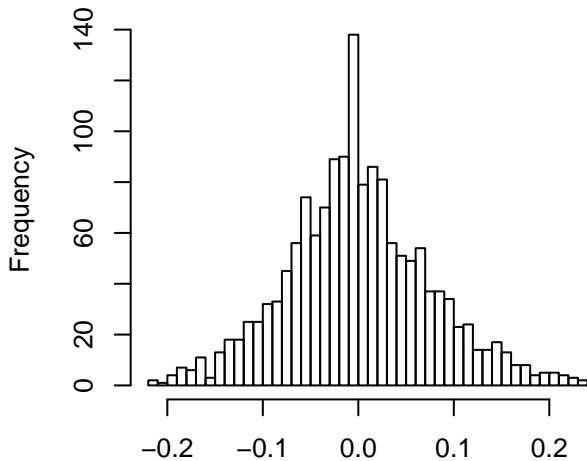
Residuals



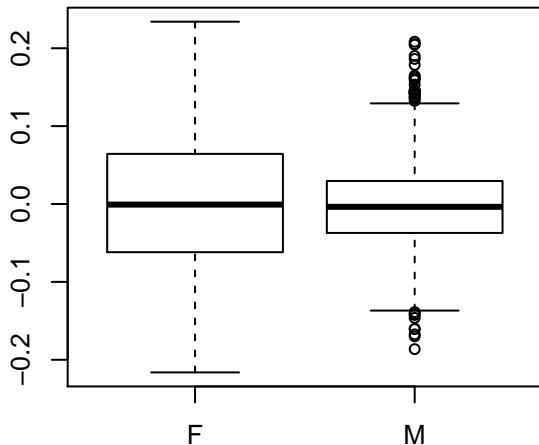
**Hypoxia.MV\_AHR\_Corr – raw (outliers remo  
(n = 1577 )**



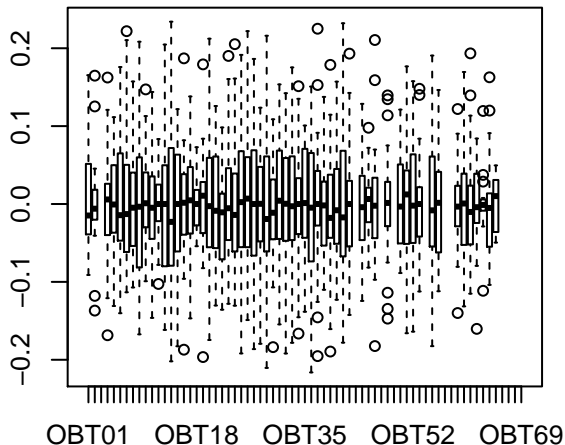
**Residuals (n = 1527 )**



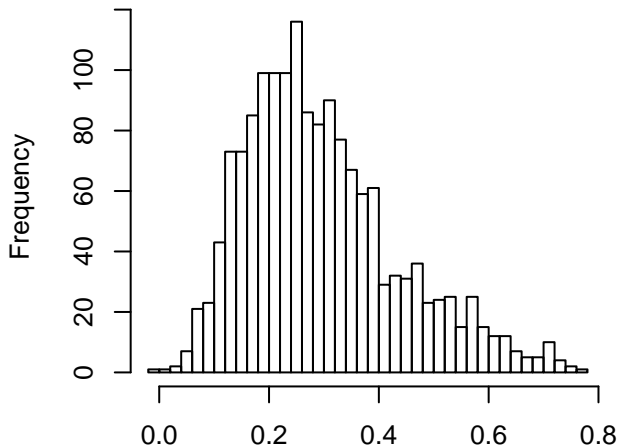
**Residuals**



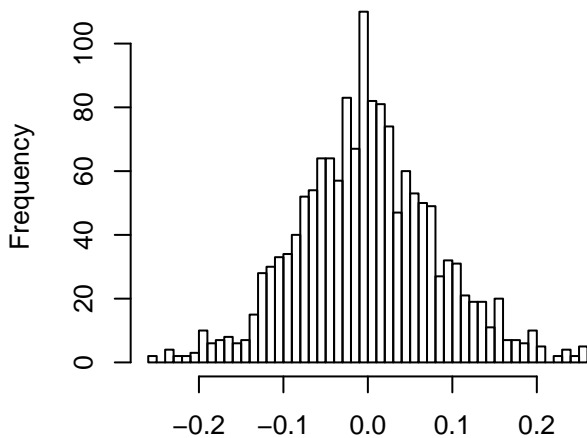
**Residuals**



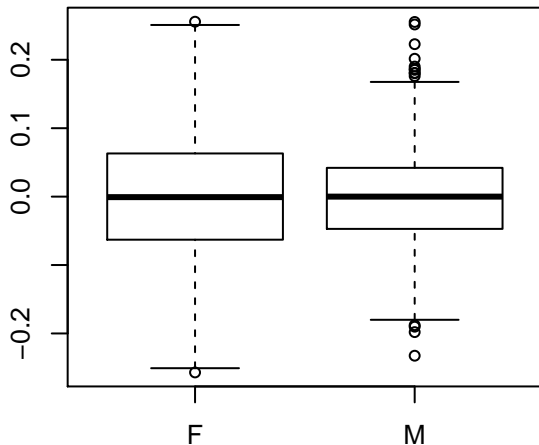
**Hypoxia.MV\_HVD\_Corr – raw (outliers remo  
(n = 1577 )**



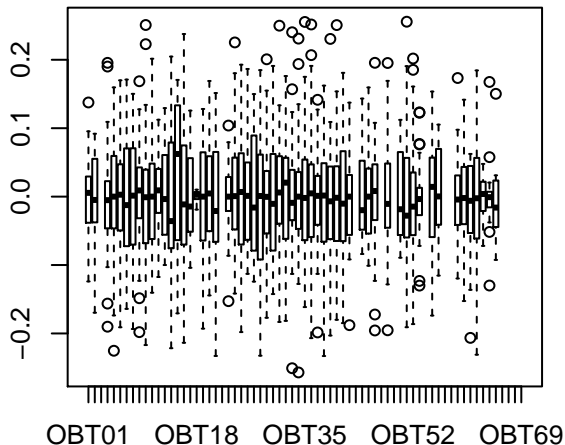
**Residuals (n = 1512 )**



**Residuals**

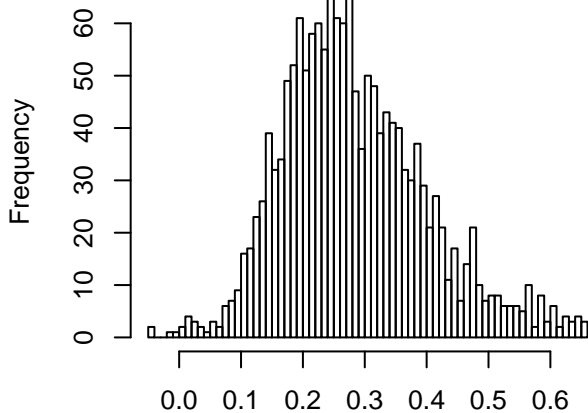


**Residuals**

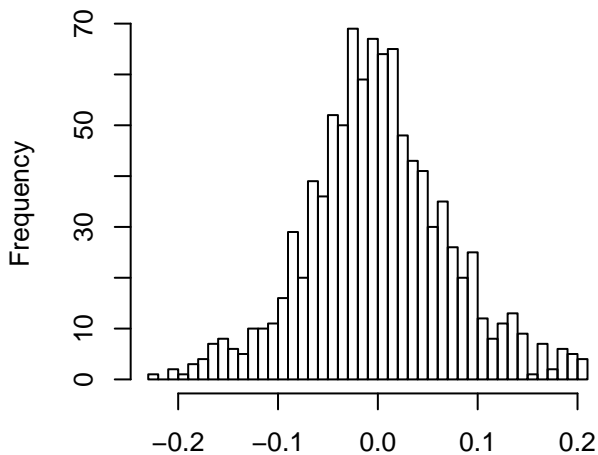




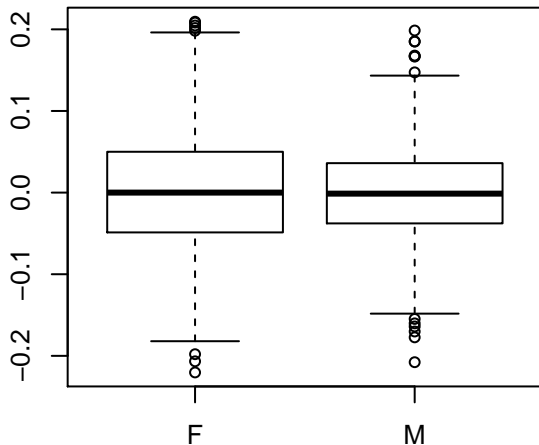
oxia.MV\_Undershoot\_Corr - raw (outliers re  
(n = 1583 )



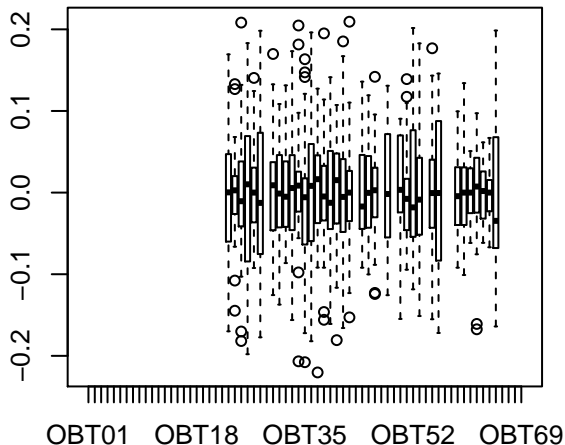
Residuals (n = 980 )



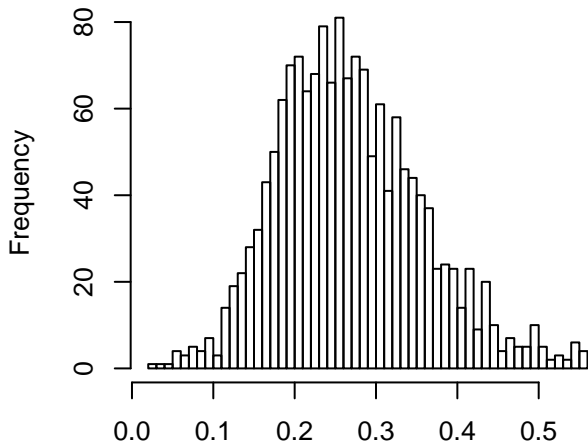
Residuals



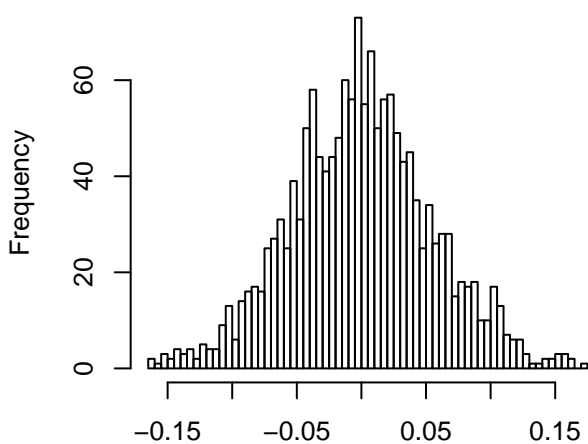
Residuals



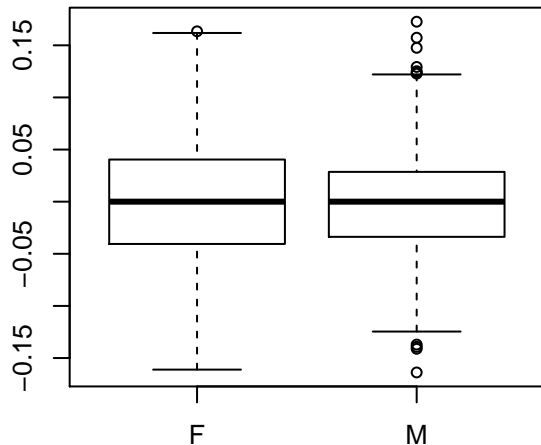
oxia.MV\_Off\_response\_Corr - raw (outliers r  
(n = 1582 )



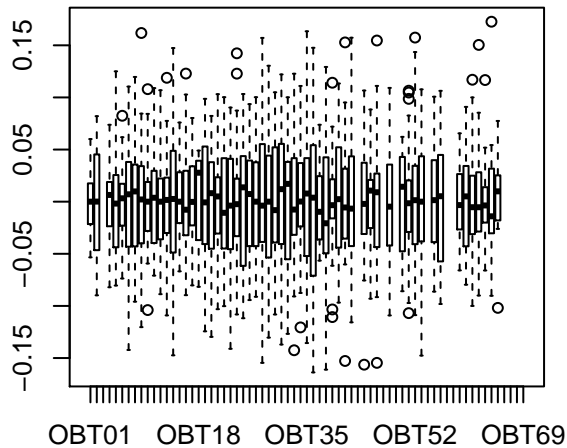
Residuals (n = 1529 )



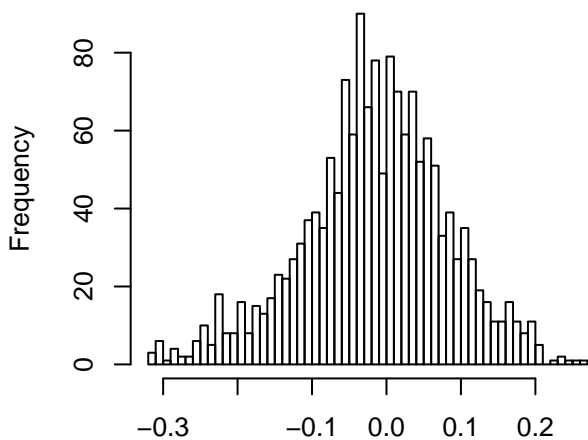
Residuals



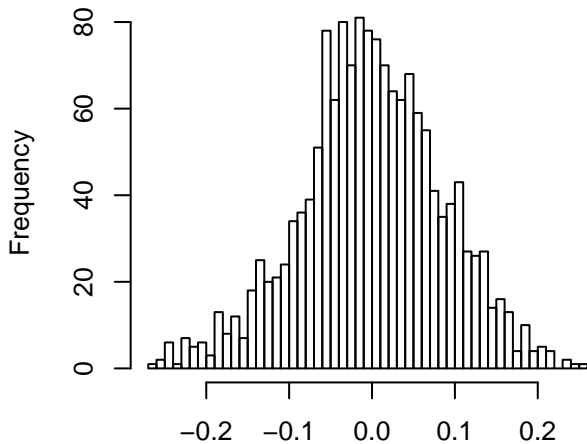
Residuals



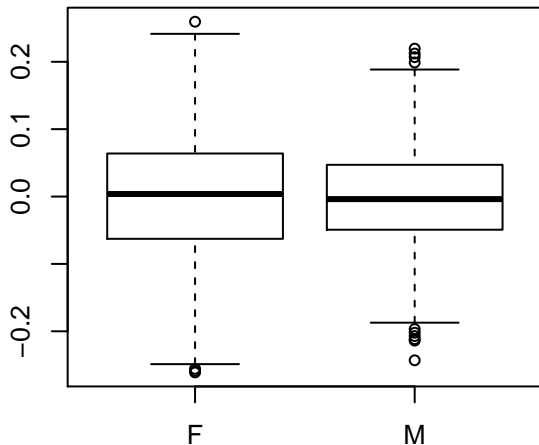
**Hypoxia.MV\_SHR\_Corr – raw (outliers remo  
(n = 1582 )**



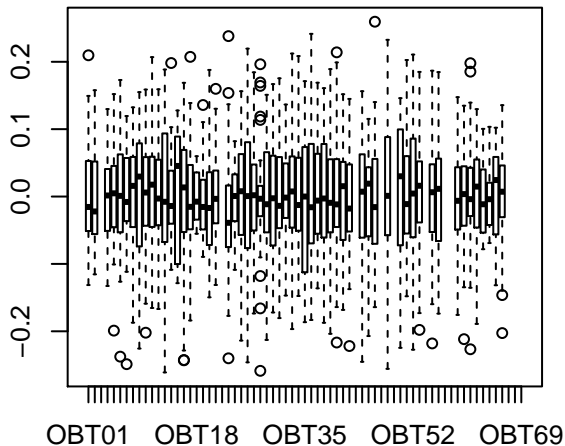
**Residuals (n = 1553 )**



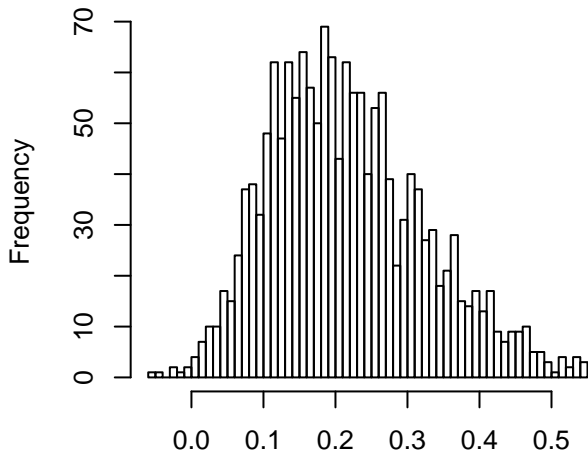
**Residuals**



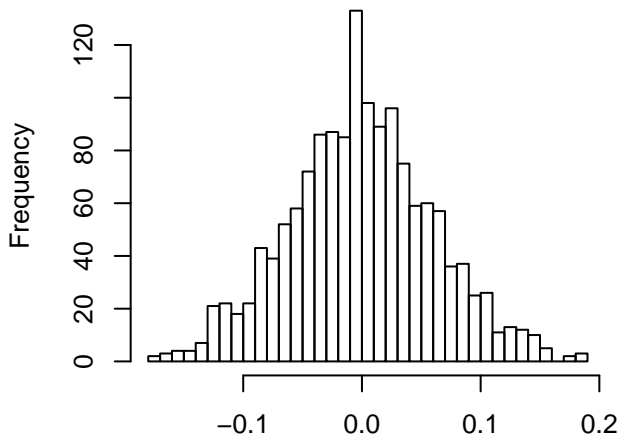
**Residuals**



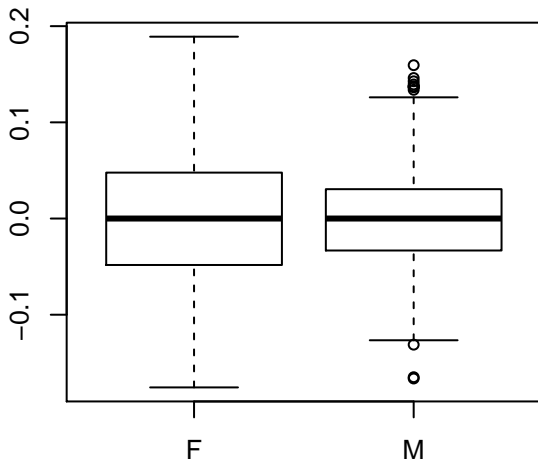
**Hypoxia.MV\_NR\_Corr - raw (outliers remov  
(n = 1583 )**



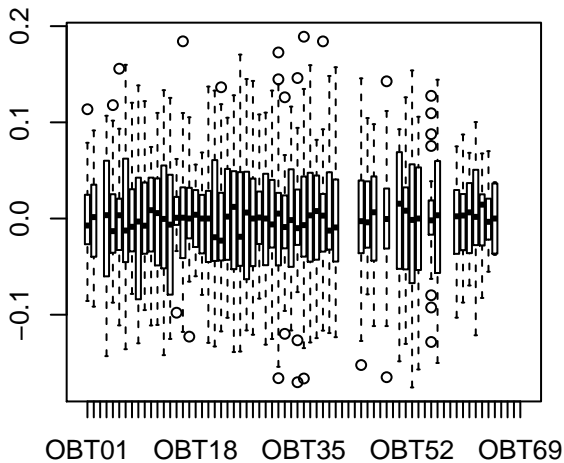
**Residuals (n = 1472 )**



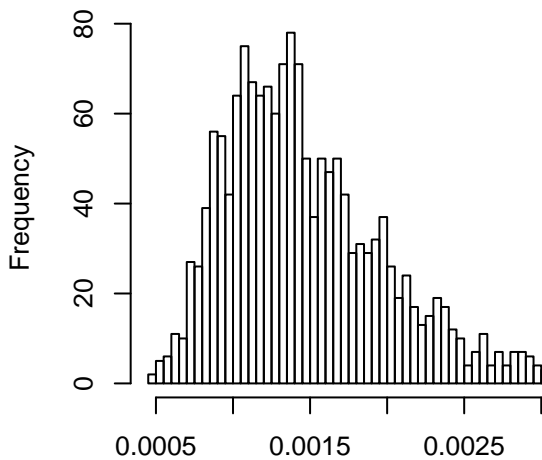
**Residuals**



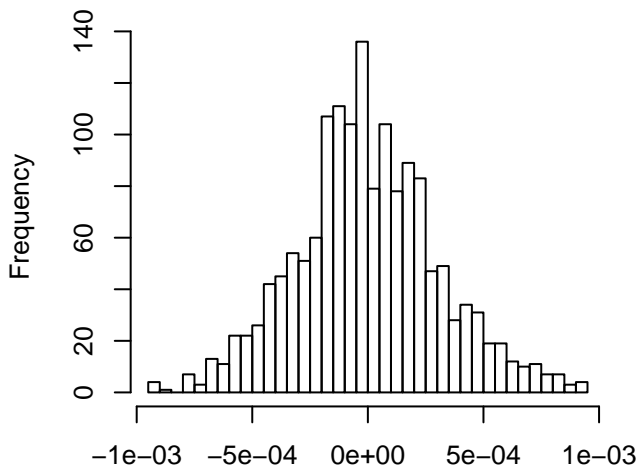
**Residuals**



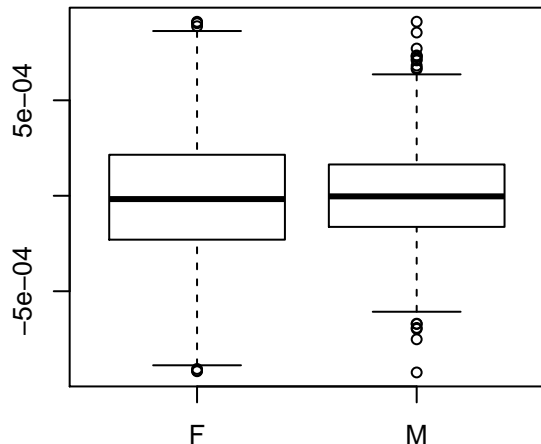
hypoxia.TV\_Baseline\_Corr - raw (outliers removed)  
(n = 1580)



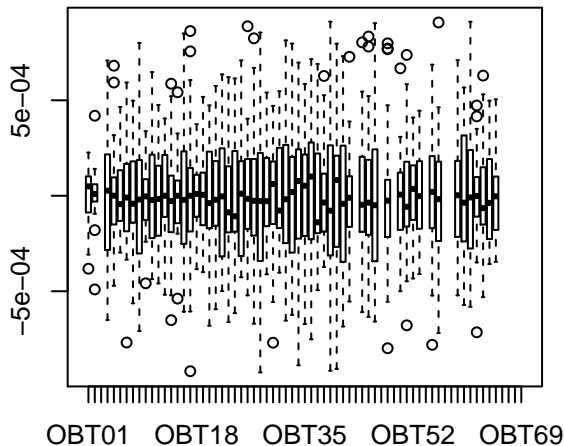
Residuals (n = 1533)



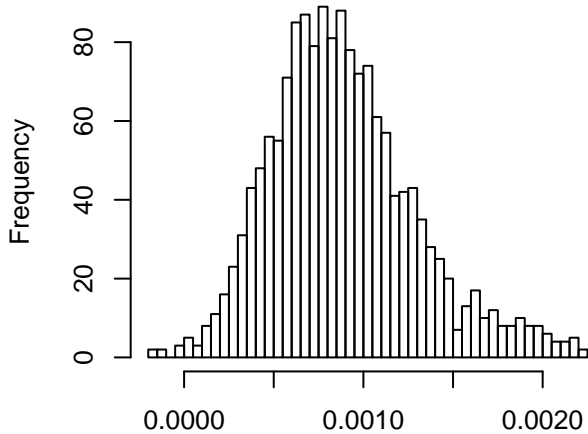
Residuals



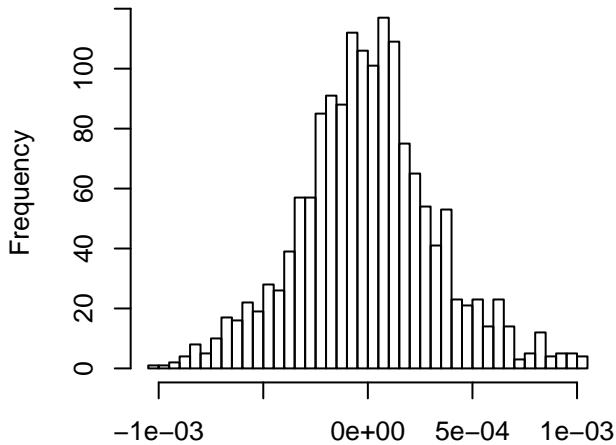
Residuals



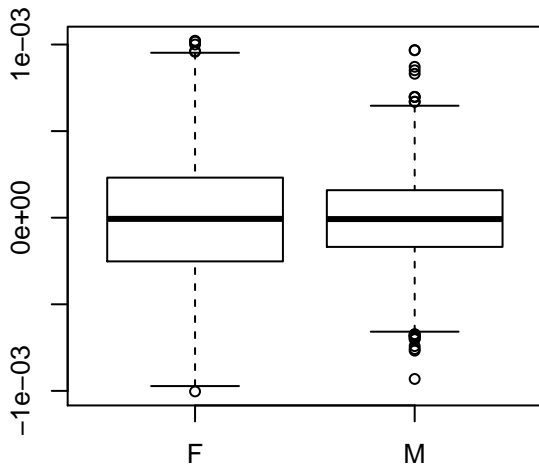
**Hypoxia.TV\_AHR\_Corr - raw (outliers remo  
(n = 1584 )**



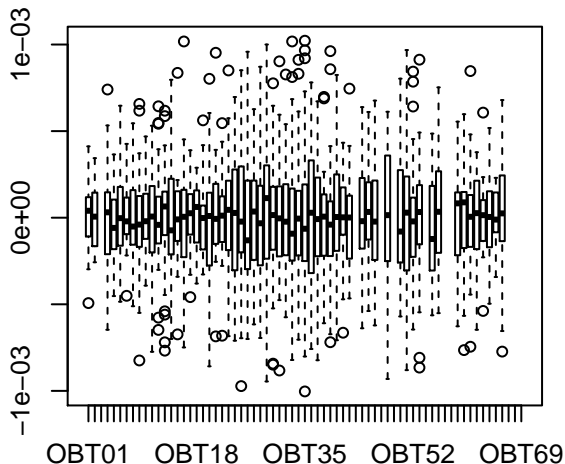
**Residuals (n = 1565 )**



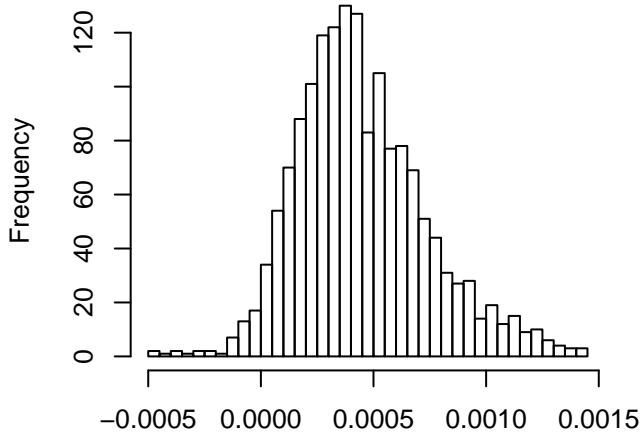
**Residuals**



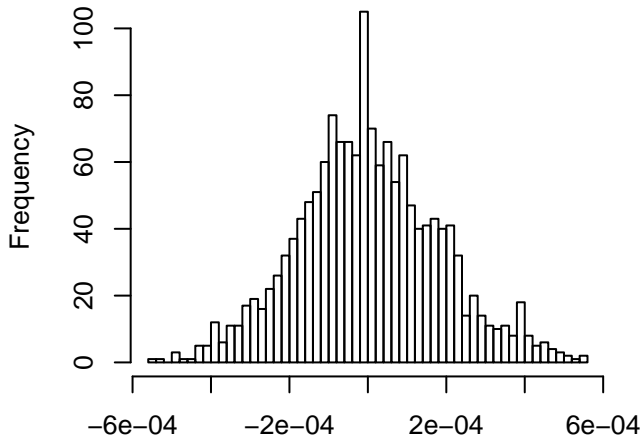
**Residuals**



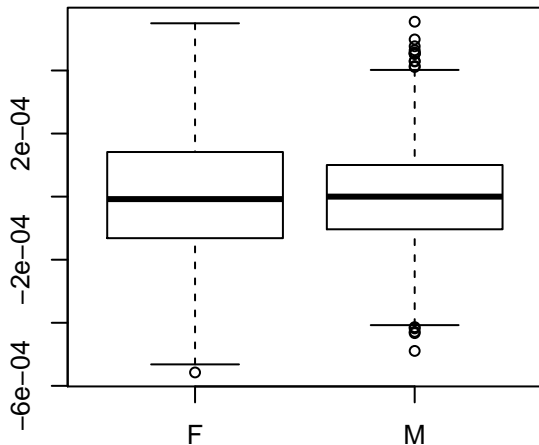
**Hypoxia.TV\_HVD\_Corr – raw (outliers removed)**  
(n = 1581)



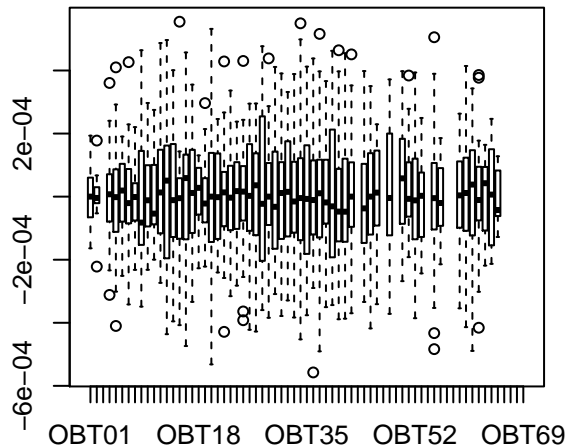
**Residuals (n = 1533)**



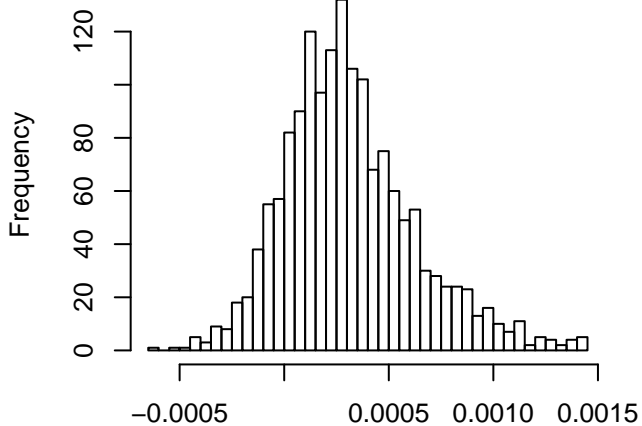
**Residuals**



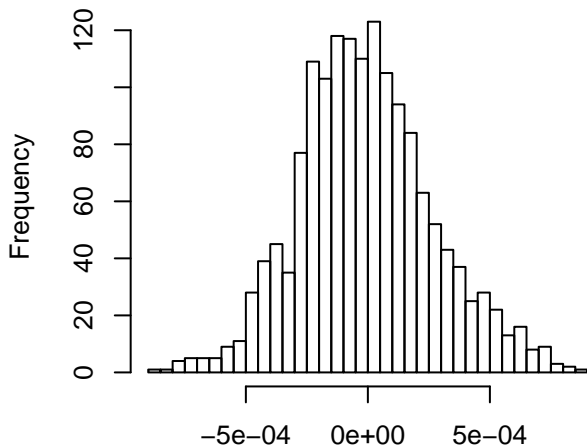
**Residuals**



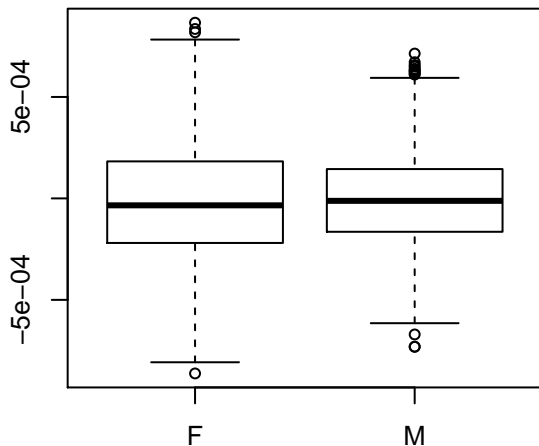
oxia.TV\_Undershoot\_Corr - raw (outliers re  
(n = 1571 )



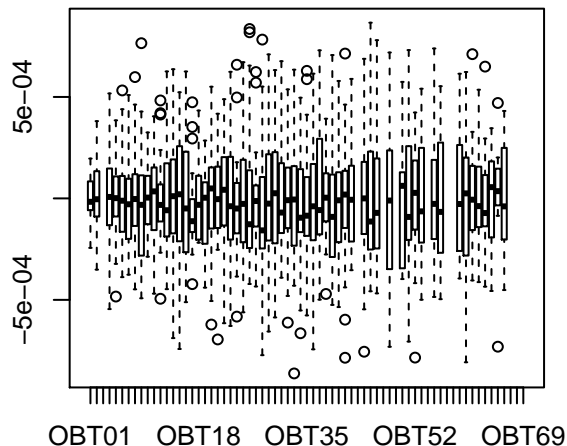
Residuals (n = 1550 )



Residuals

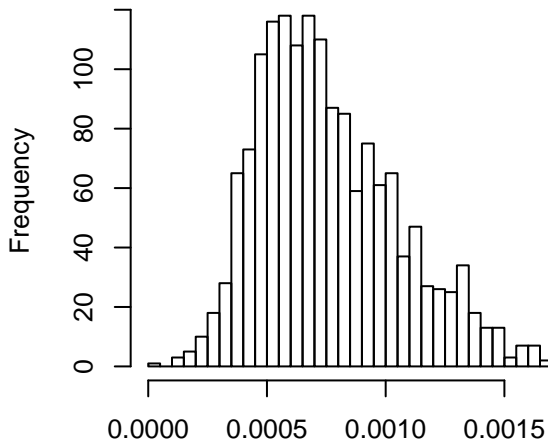


Residuals

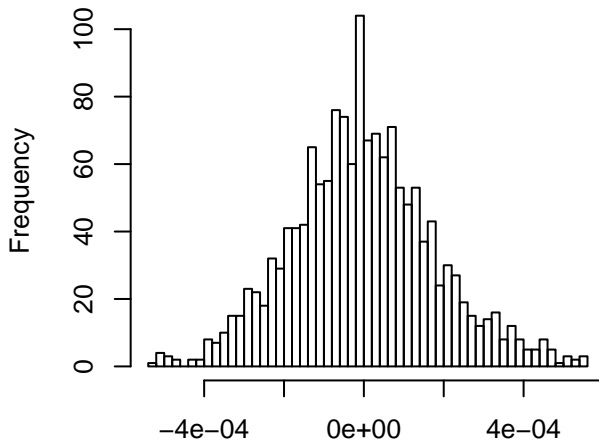




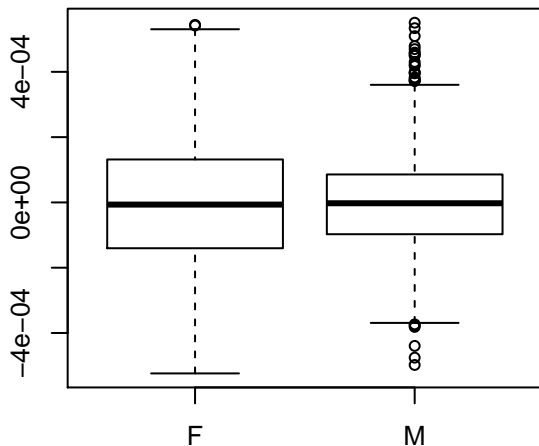
proxia.TV\_Off\_response\_Corr - raw (outliers r  
(n = 1576 )



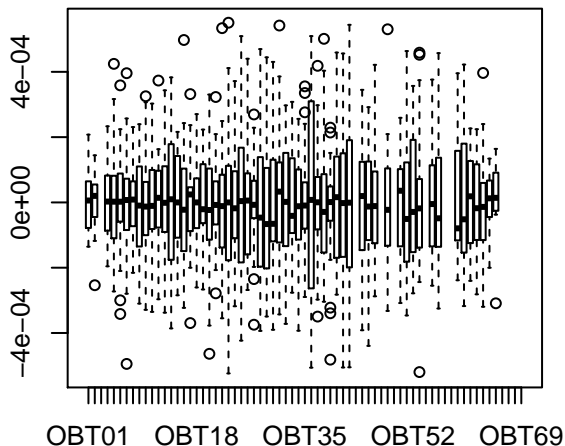
Residuals (n = 1525 )



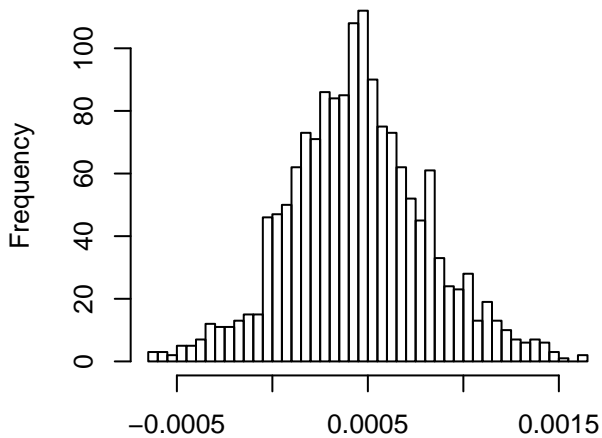
Residuals



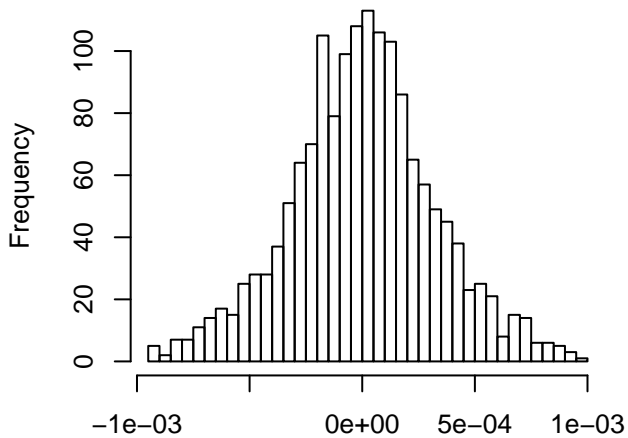
Residuals



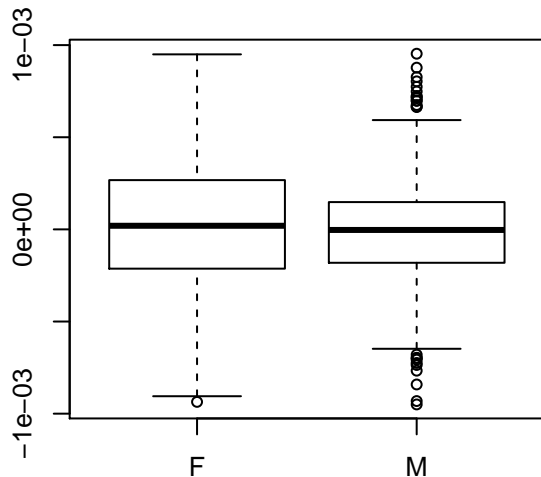
**Hypoxia.TV\_SHR\_Corr - raw (outliers removed)**  
**(n = 1579)**



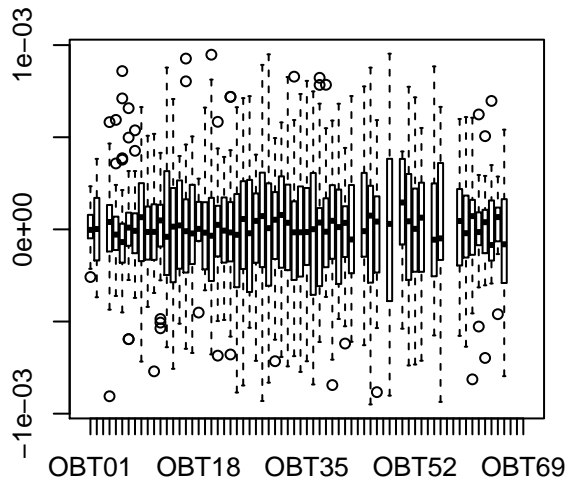
**Residuals (n = 1561)**



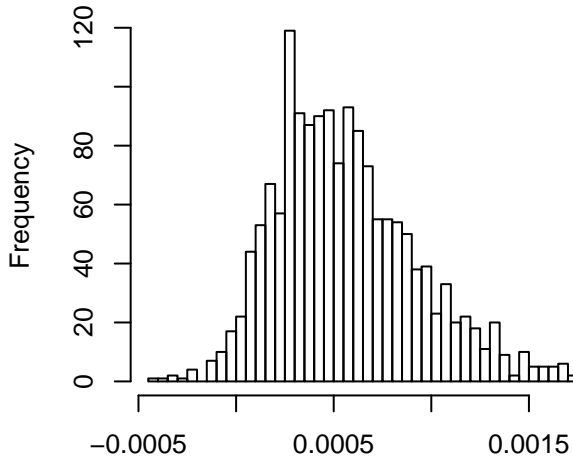
**Residuals**



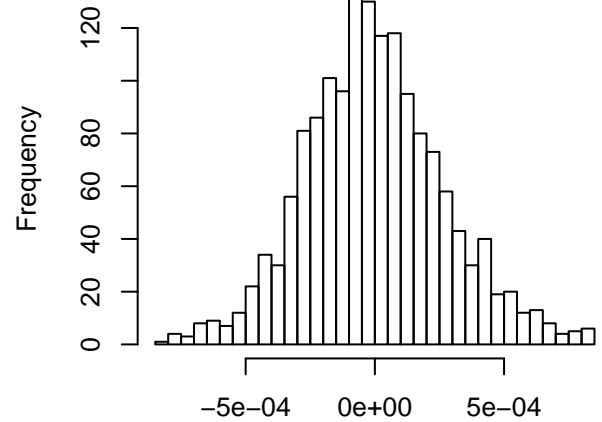
**Residuals**



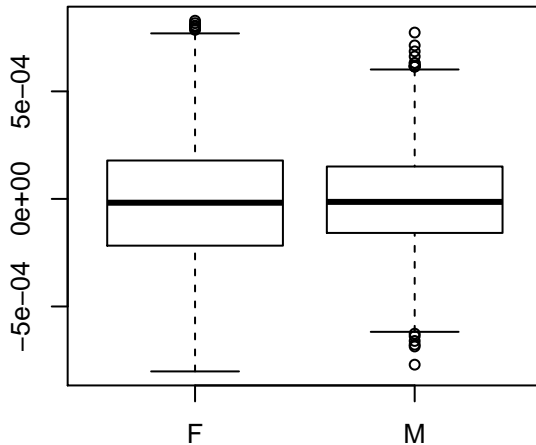
**Hypoxia.TV\_NR\_Corr – raw (outliers remov  
(n = 1574 )**



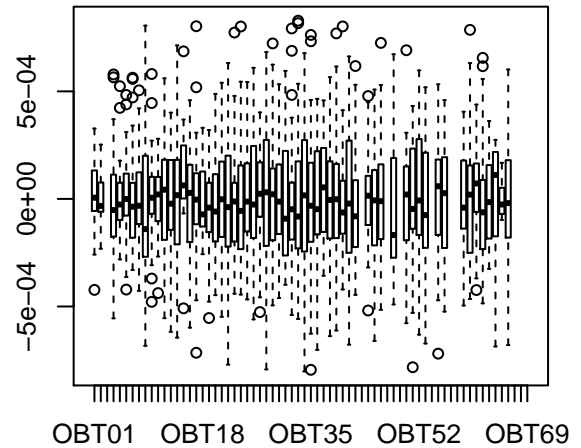
**Residuals (n = 1554 )**



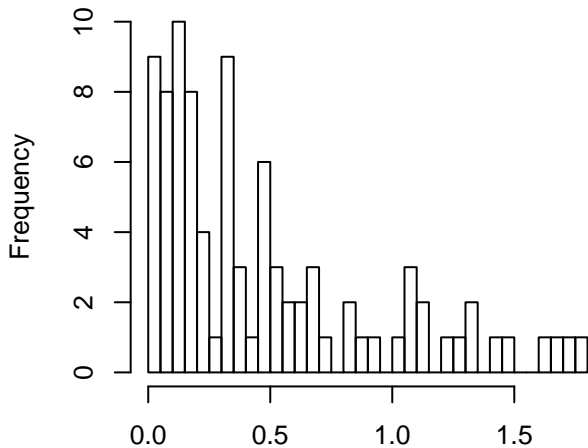
**Residuals**



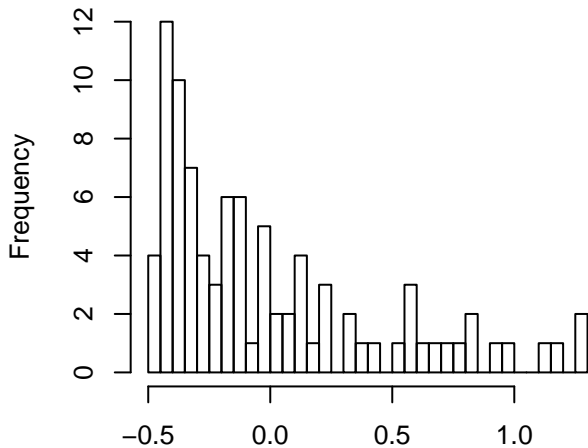
**Residuals**



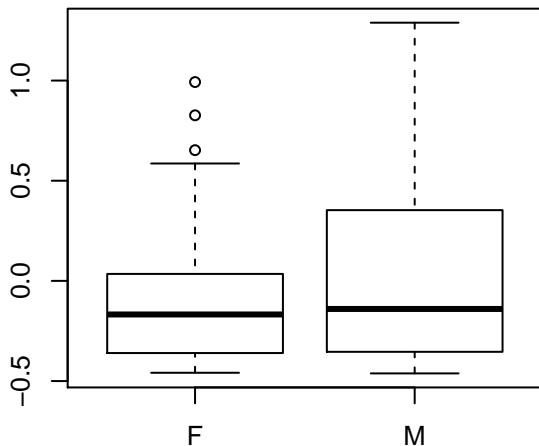
**Macrophages.II12 - raw (outliers removed)**  
**(n = 90)**



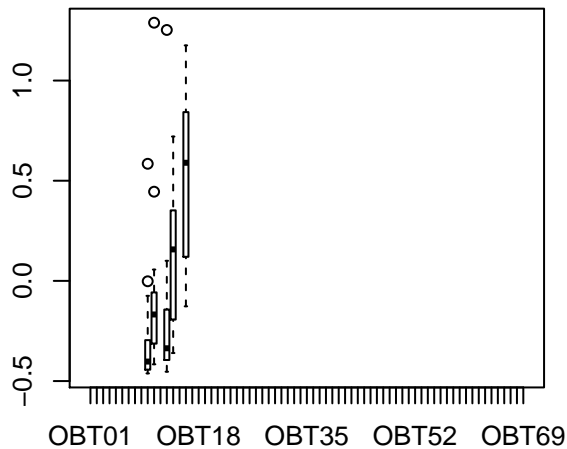
**Residuals (n = 90)**



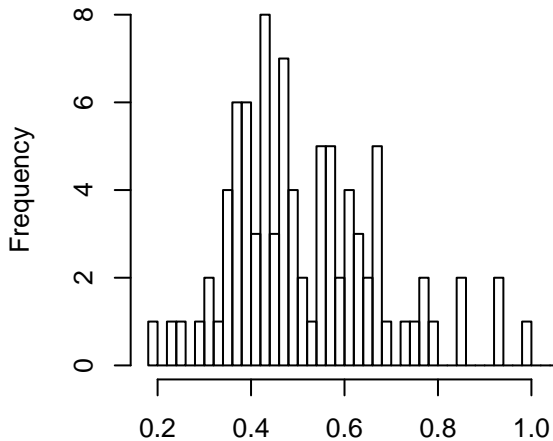
**Residuals**



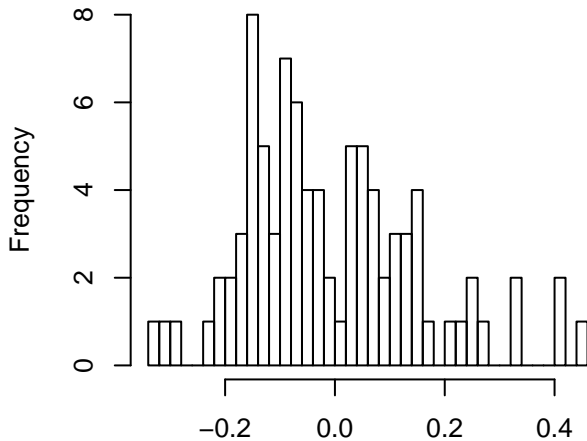
**Residuals**



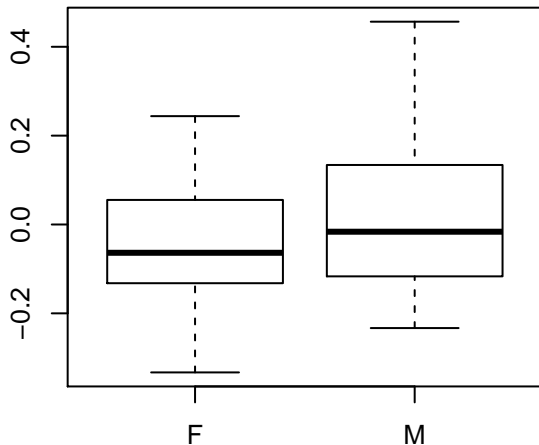
**Macrophages.Tnfa - raw (outliers remove)**  
**(n = 89)**



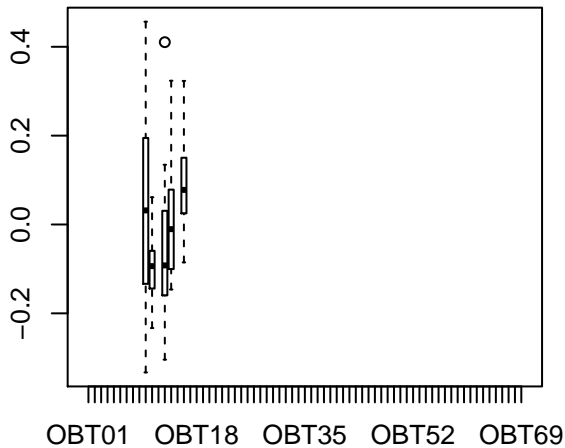
**Residuals (n = 88)**



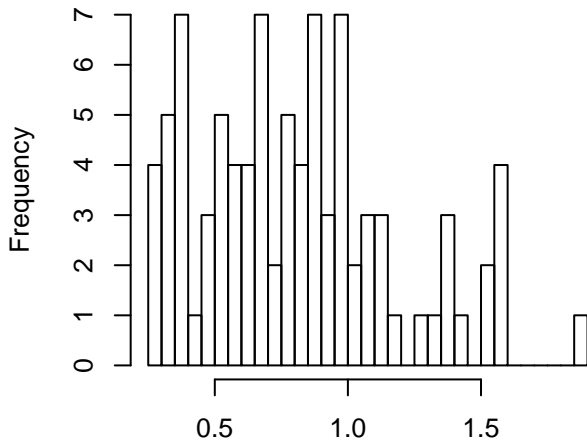
**Residuals**



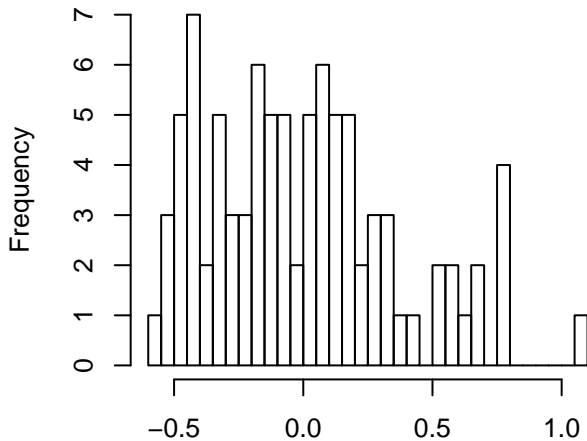
**Residuals**



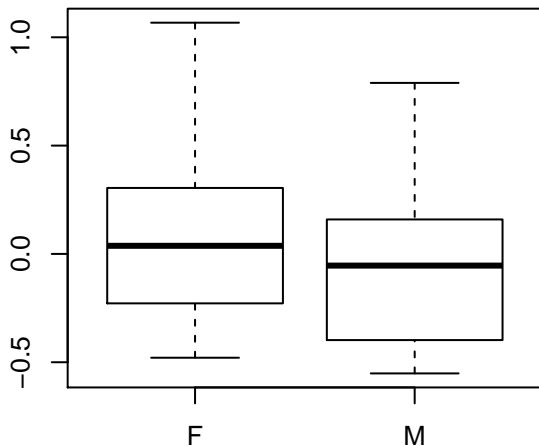
**Macrophages.IL6 – raw (outliers removed  
(n = 90 )**



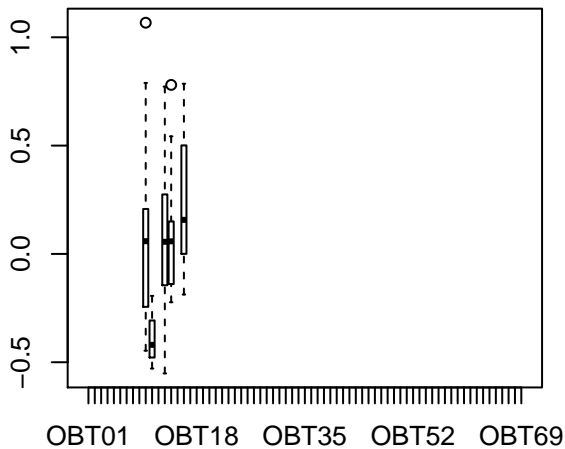
**Residuals (n = 90 )**



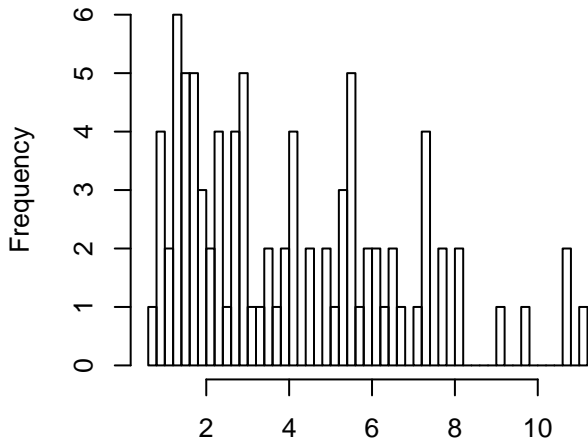
**Residuals**



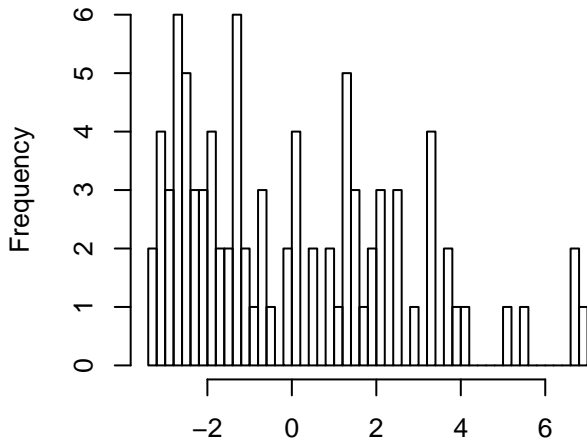
**Residuals**



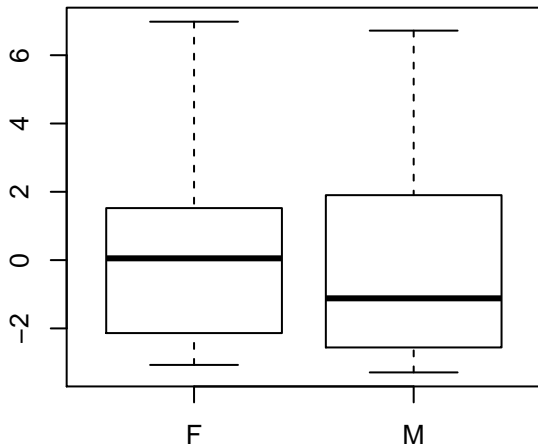
**Macrophages.IL10 – raw (outliers remove  
(n = 89)**



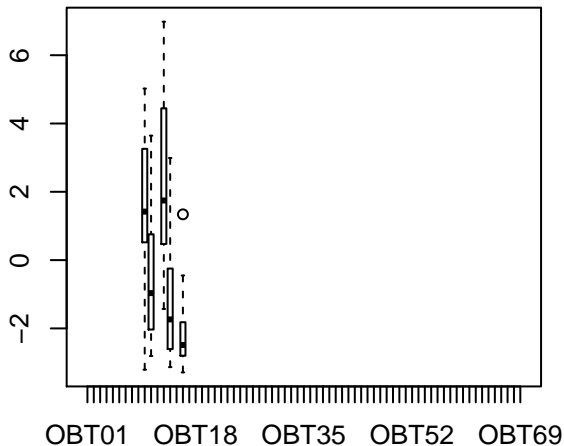
**Residuals (n = 89)**



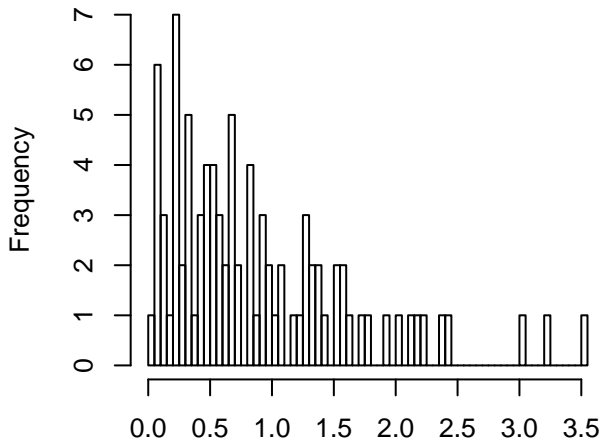
**Residuals**



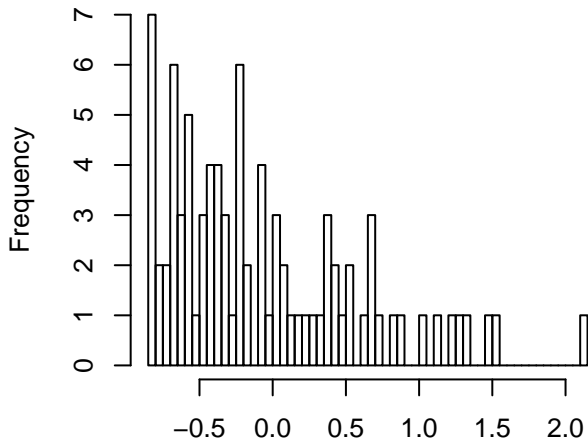
**Residuals**



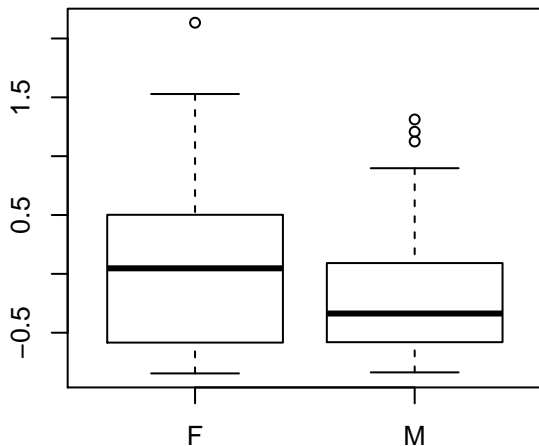
**Macrophages.Nos2 - raw (outliers remove)**  
**(n = 89)**



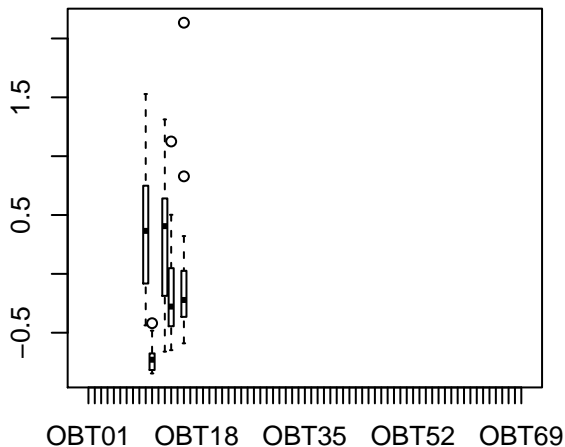
**Residuals (n = 87)**



**Residuals**

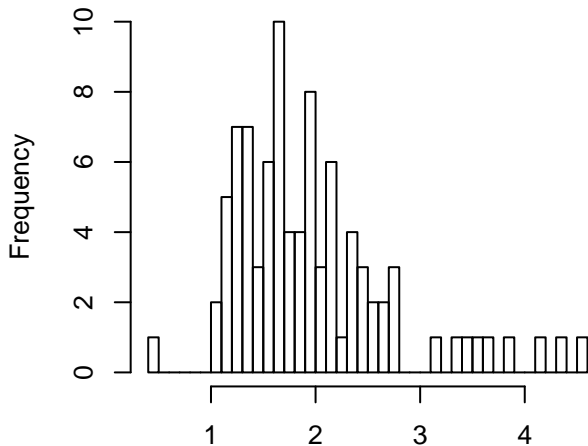


**Residuals**

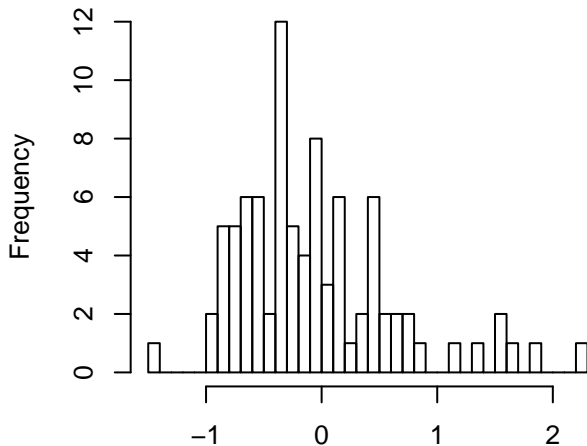




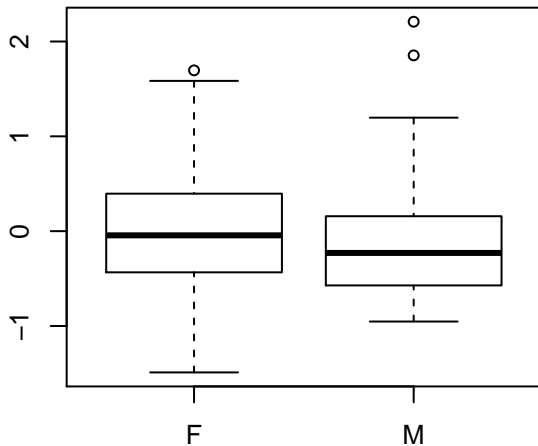
**Macrophages.Nlrp3 - raw (outliers remove)**  
**(n = 90)**



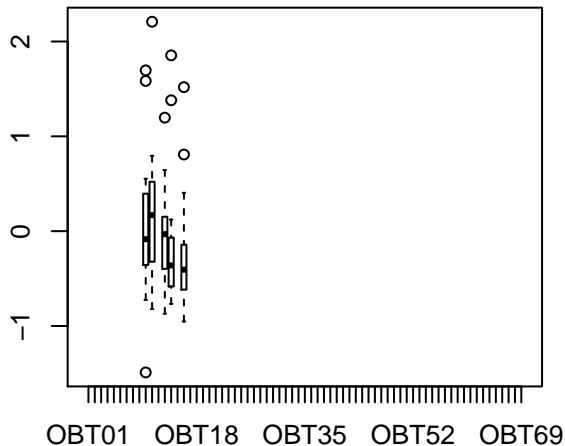
**Residuals (n = 88)**



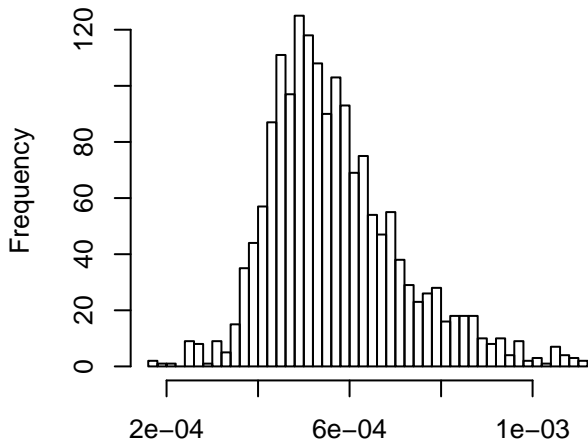
**Residuals**



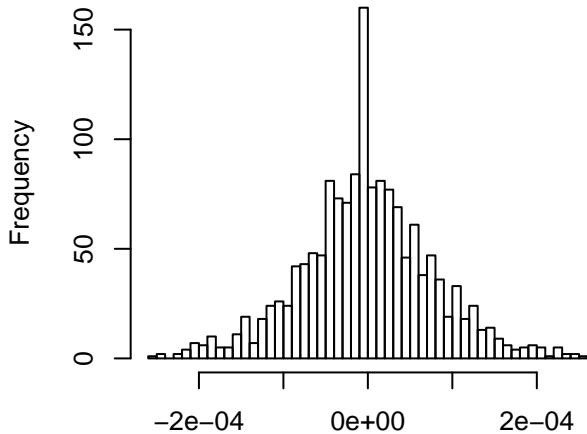
**Residuals**



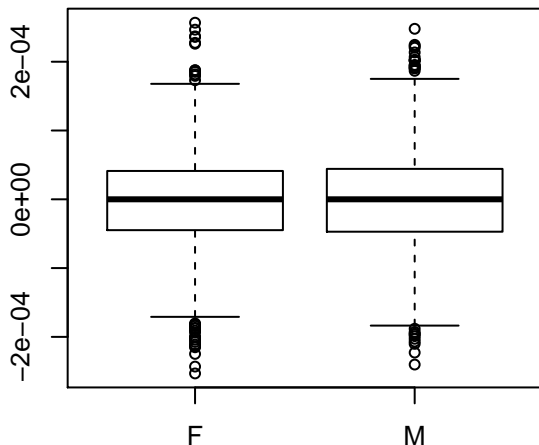
**Mito.MT\_corr – raw (outliers removed)**  
(n = 1696)



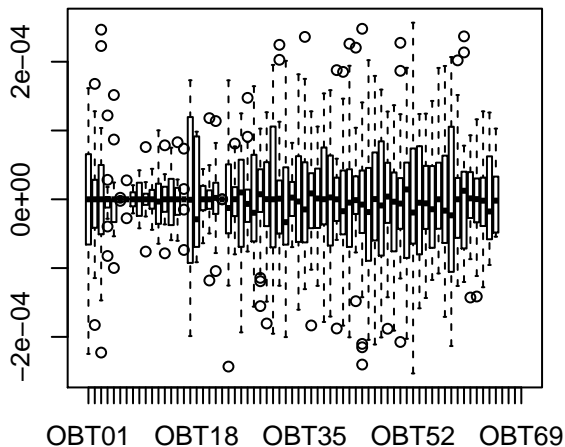
**Residuals (n = 1520)**



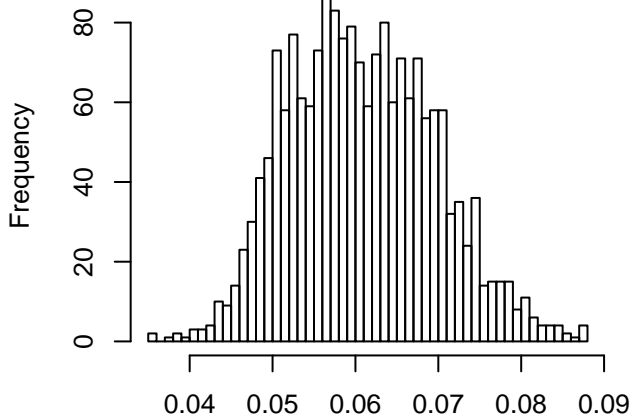
**Residuals**



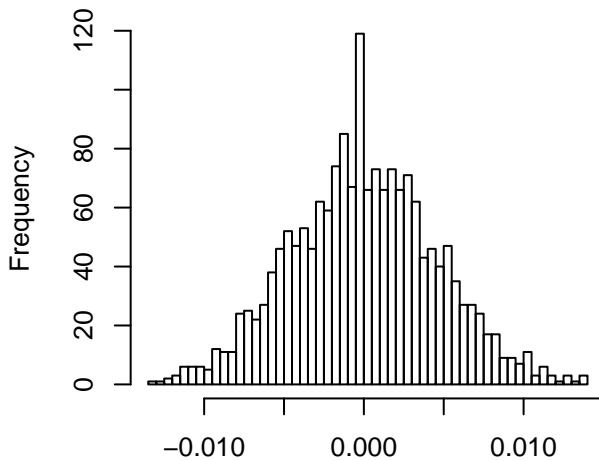
**Residuals**



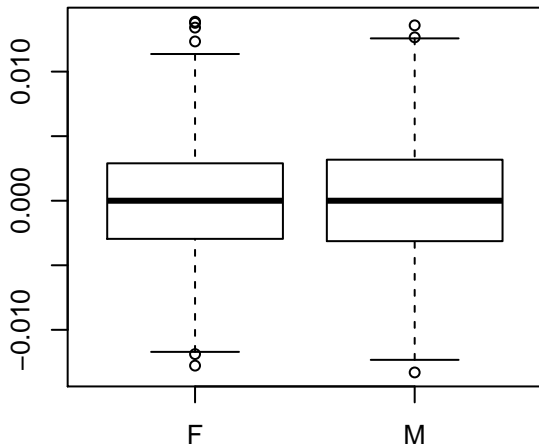
**Muscles.TA.g - raw (outliers removed)**  
(n = 1862)



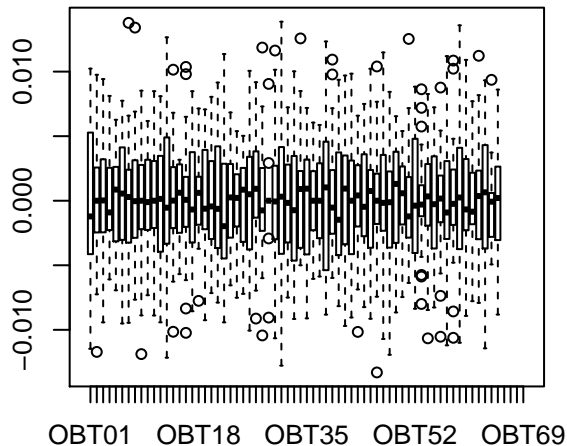
**Residuals (n = 1766)**



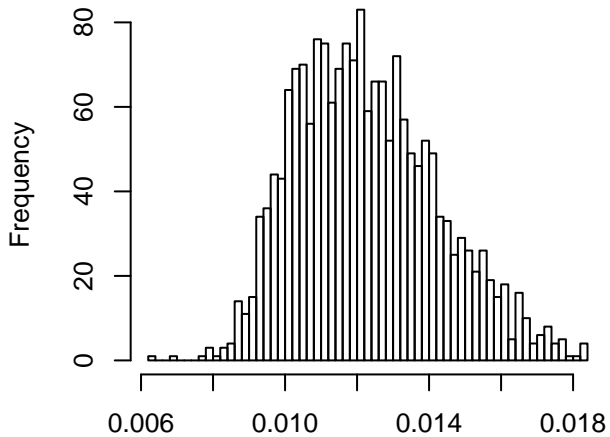
**Residuals**



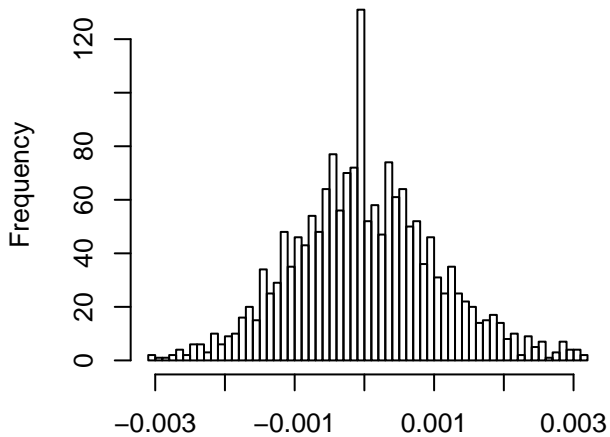
**Residuals**



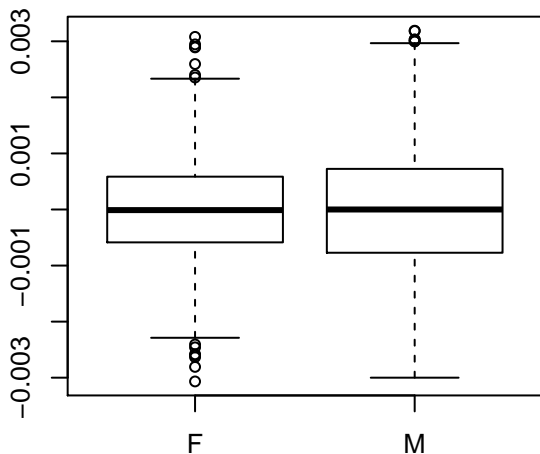
**Muscles.EDL.g – raw (outliers removed)**  
(n = 1858)



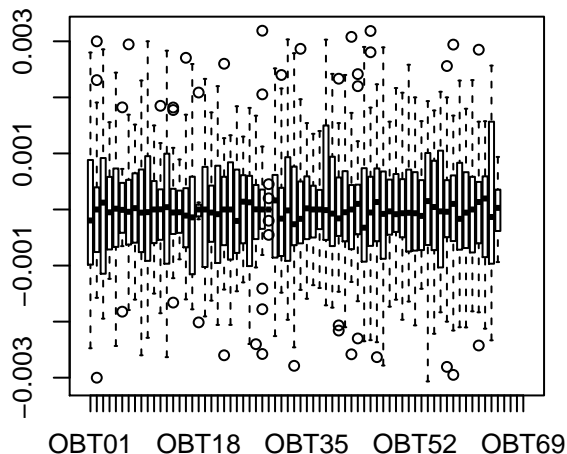
**Residuals (n = 1765)**



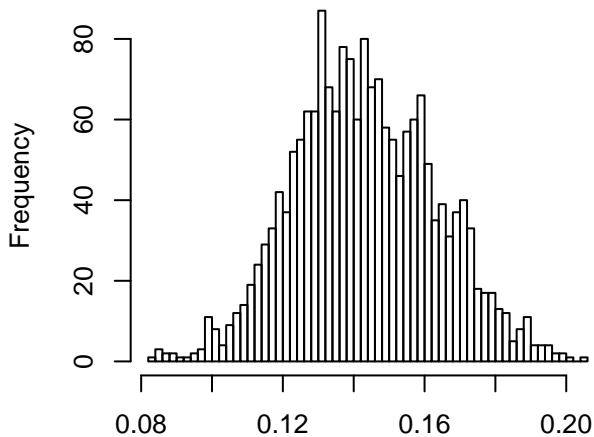
**Residuals**



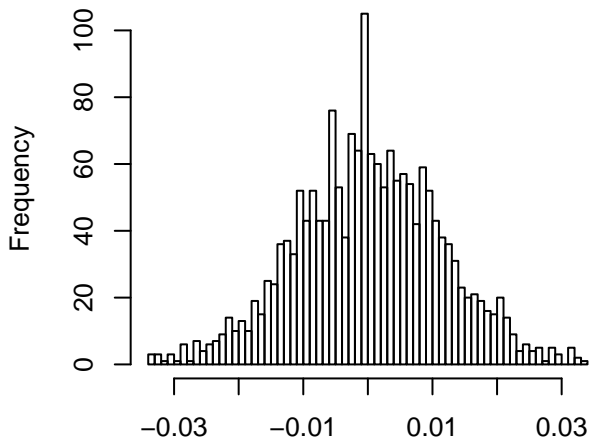
**Residuals**



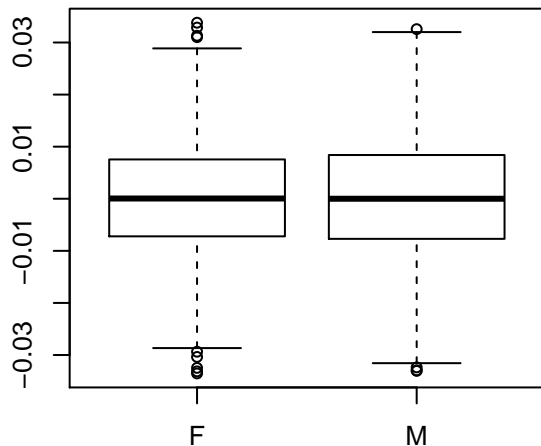
**Muscles.Gast.g – raw (outliers removed,  
(n = 1861 )**



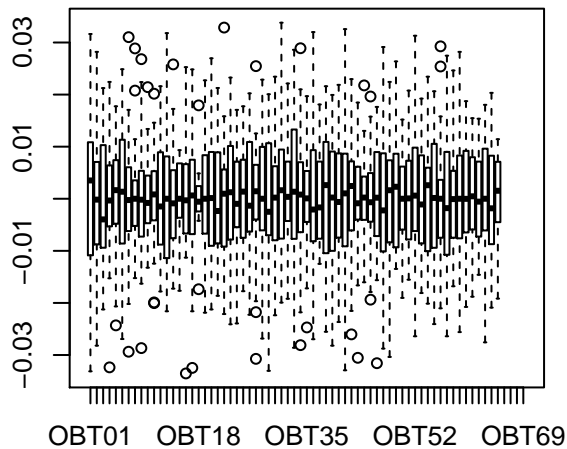
**Residuals (n = 1825 )**



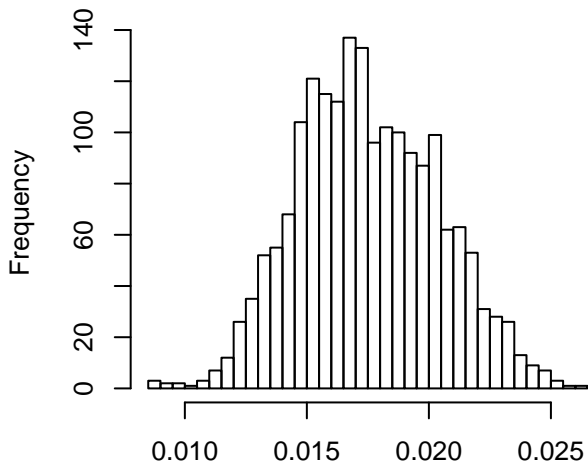
**Residuals**



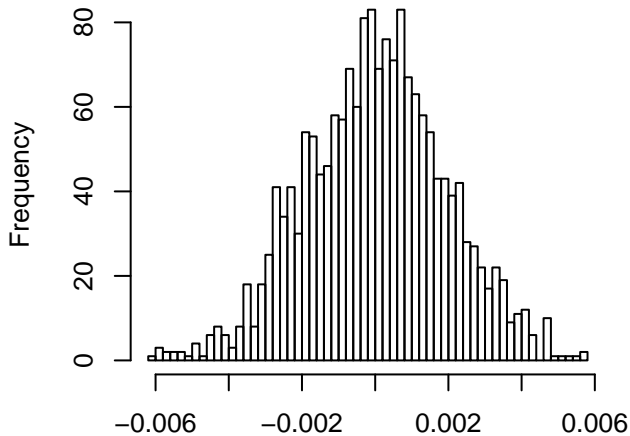
**Residuals**



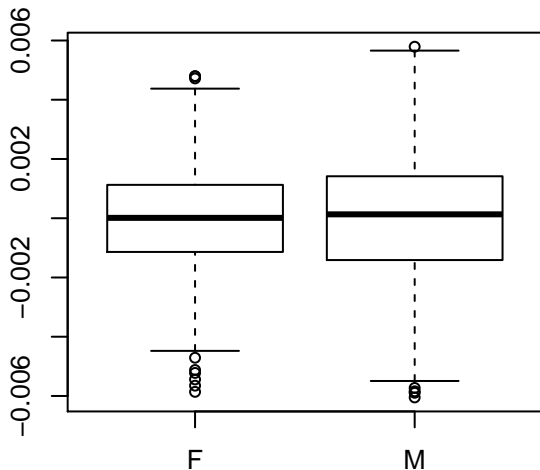
**Muscles.Plant.g – raw (outliers removed  
(n = 1861 )**



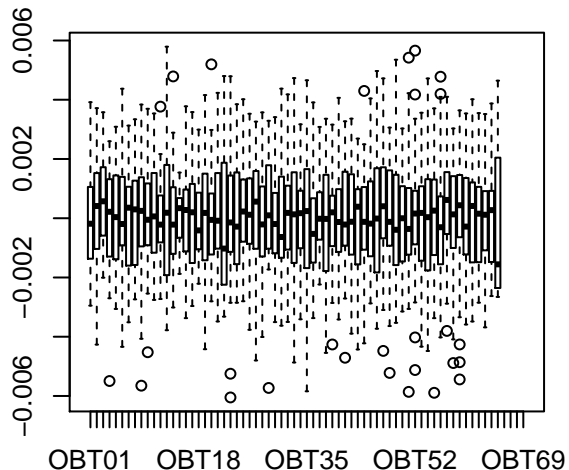
**Residuals (n = 1764 )**



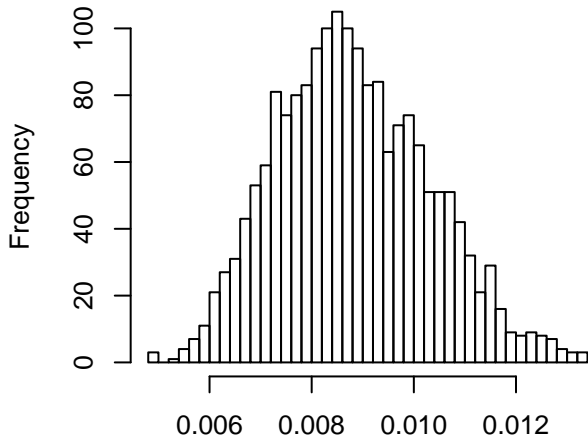
**Residuals**



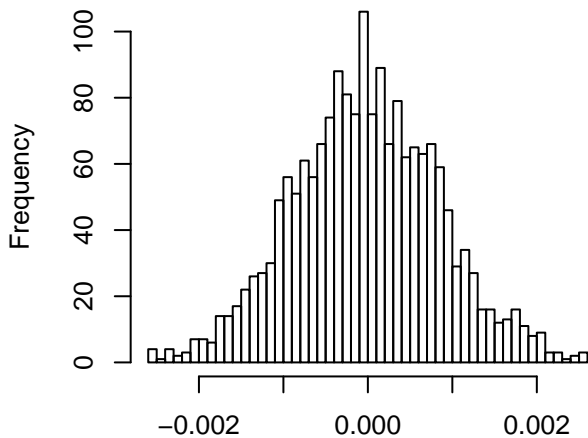
**Residuals**



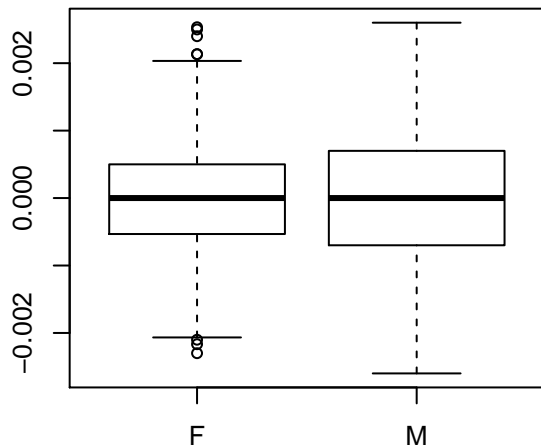
**Muscles.Sol.g – raw (outliers removed)**  
(n = 1855)



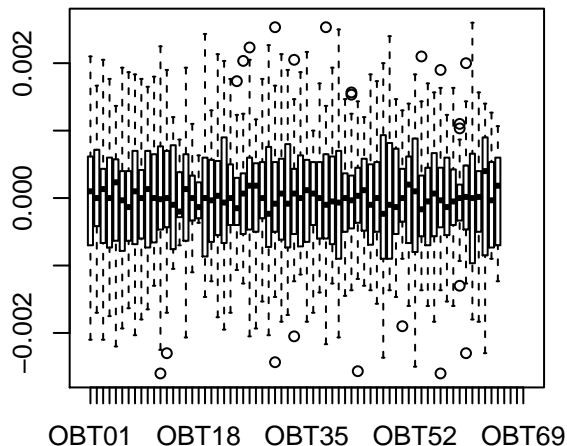
**Residuals (n = 1820)**



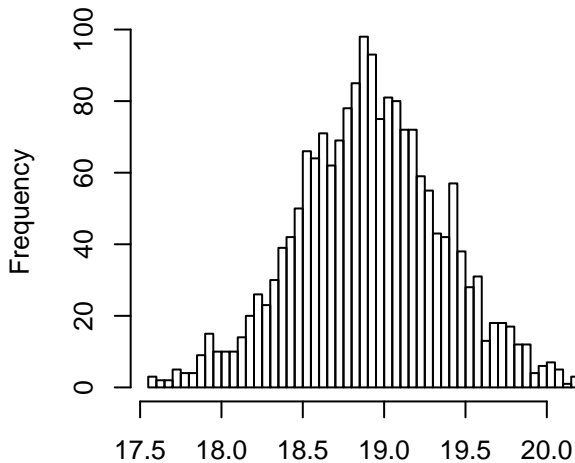
**Residuals**



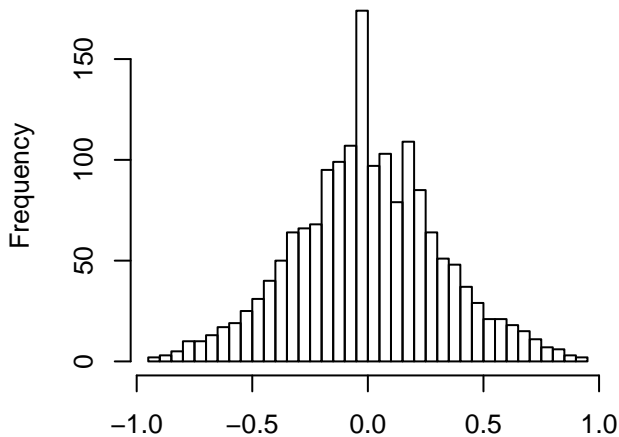
**Residuals**



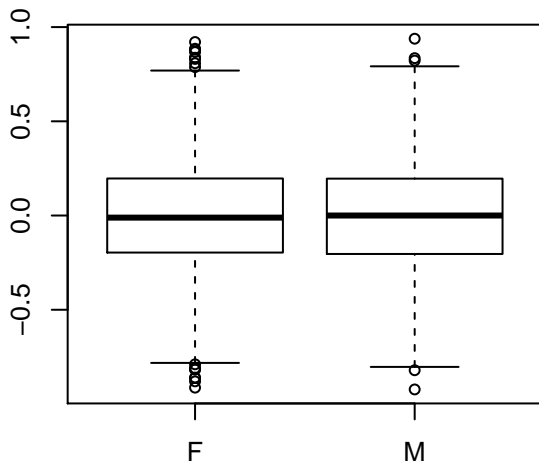
**Muscles.Tibia.mm - raw (outliers remove  
(n = 1855 )**



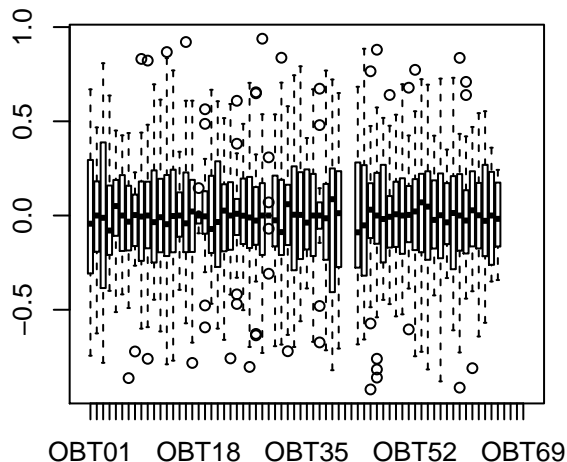
**Residuals (n = 1704 )**



**Residuals**

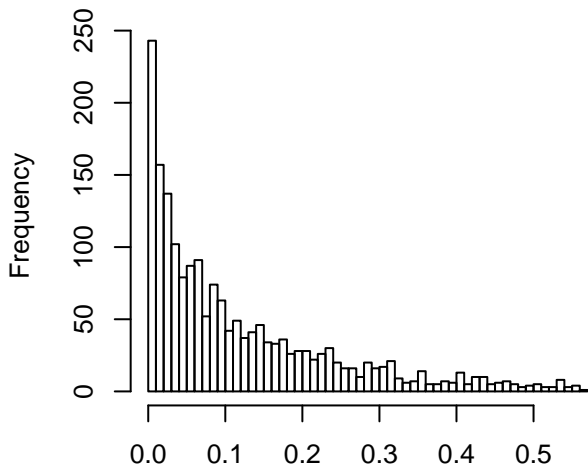


**Residuals**

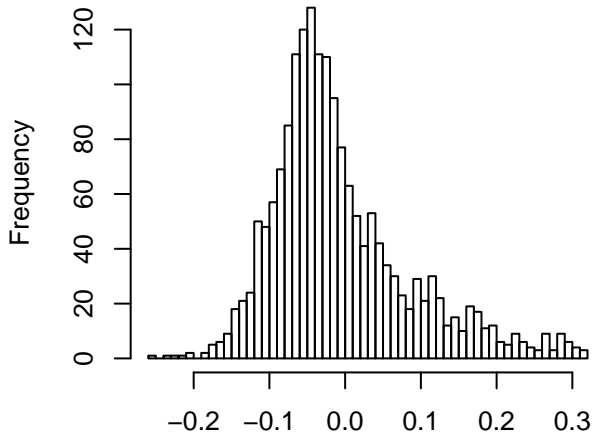




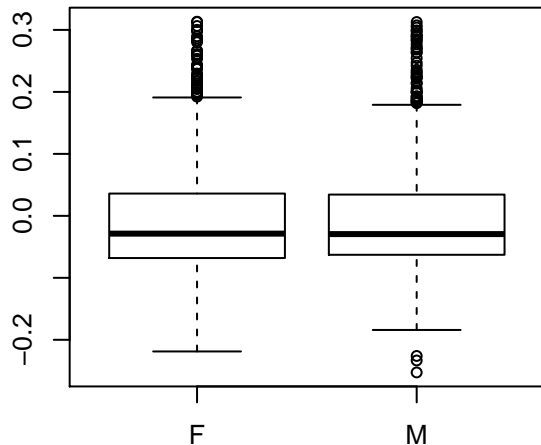
**ST.Immobility.First2min - raw (outliers rem)**  
**(n = 1853 )**



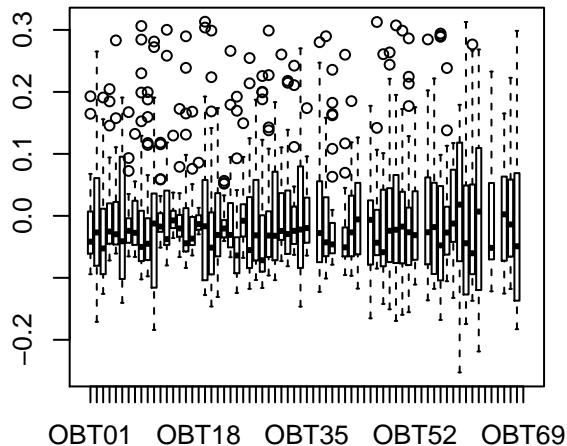
**Residuals (n = 1773 )**



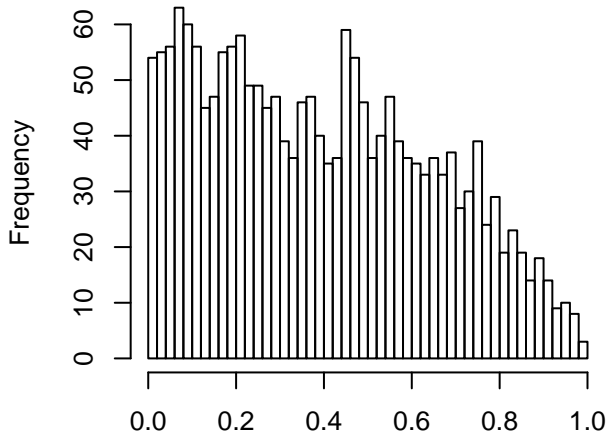
**Residuals**



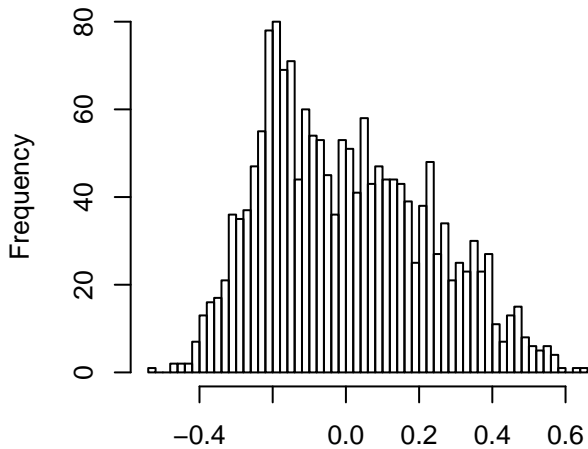
**Residuals**



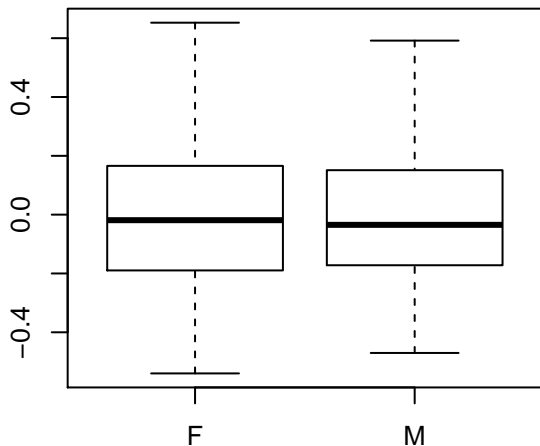
**ST.Immobility.Last4min - raw (outliers removed)**  
(n = 1891)



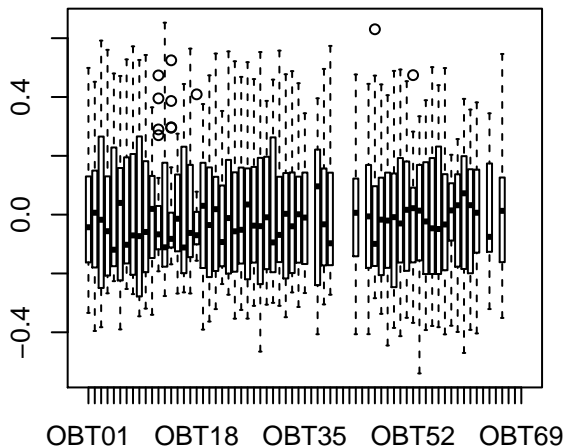
**Residuals (n = 1743)**



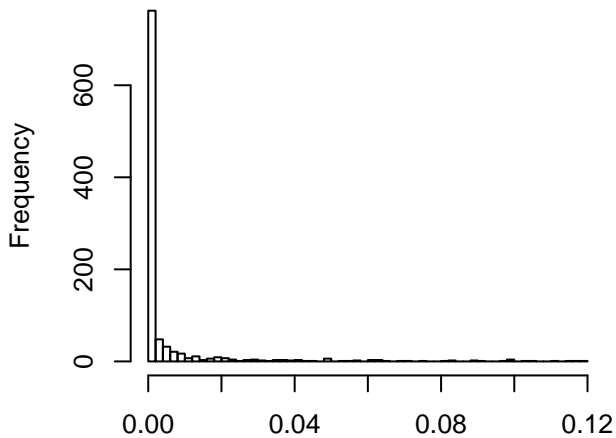
**Residuals**



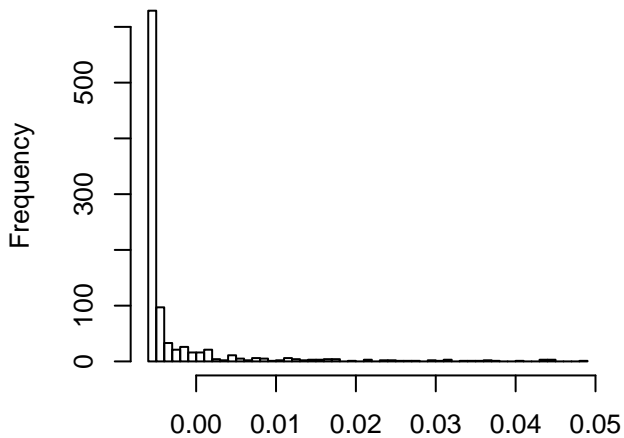
**Residuals**



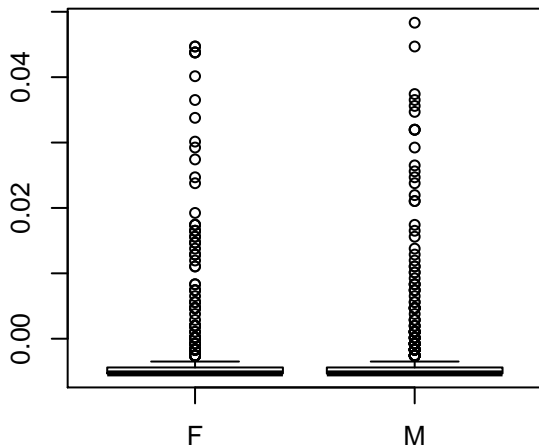
**PST.Zero.First2min - raw (outliers remove  
(n = 988 )**



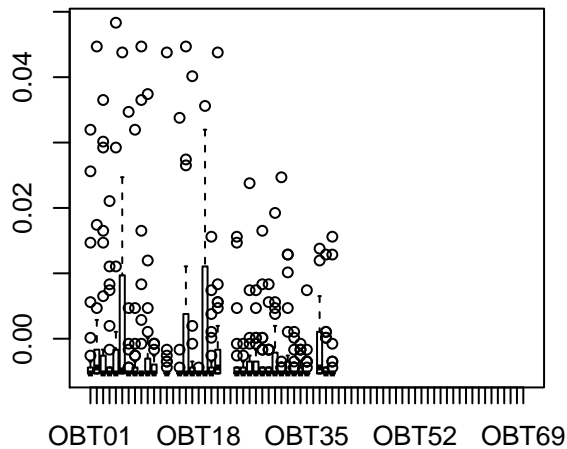
**Residuals (n = 954 )**



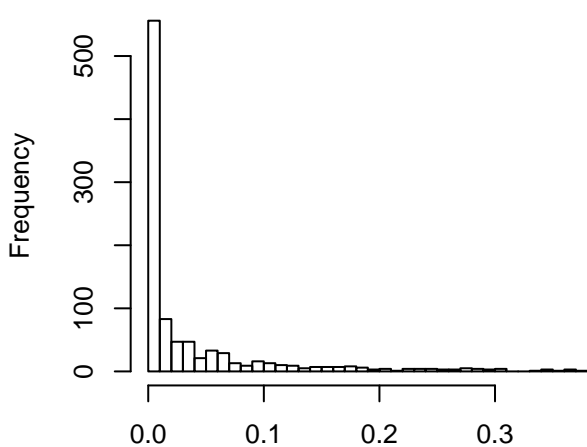
**Residuals**



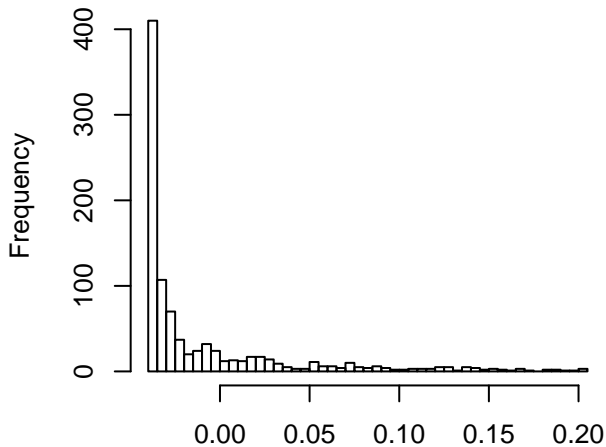
**Residuals**



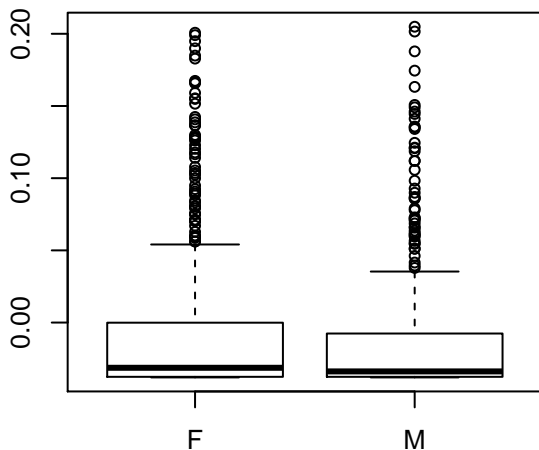
**PST.Zero.Last4min - raw (outliers remove  
(n = 977 )**



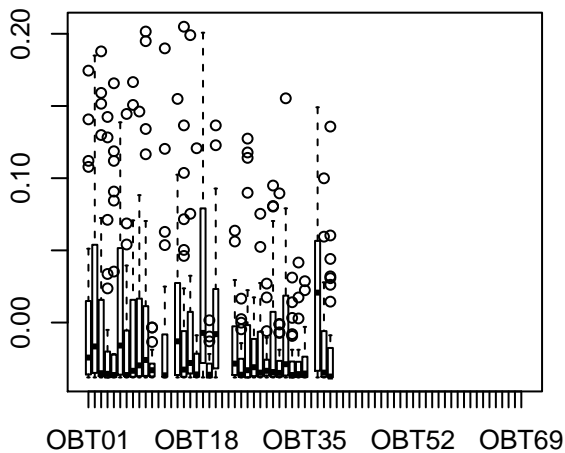
**Residuals (n = 939 )**



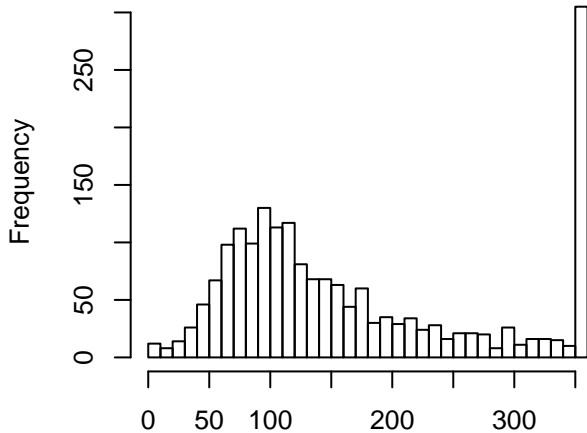
**Residuals**



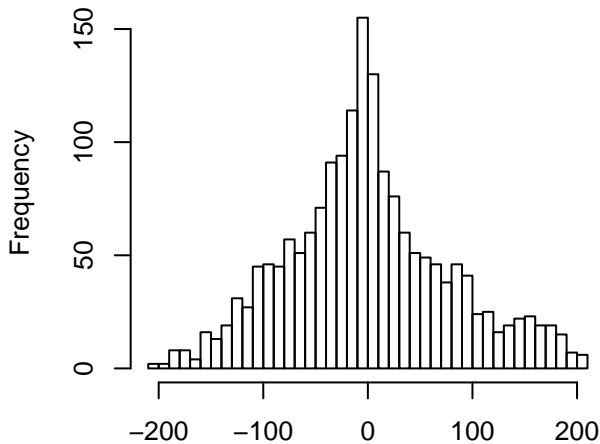
**Residuals**



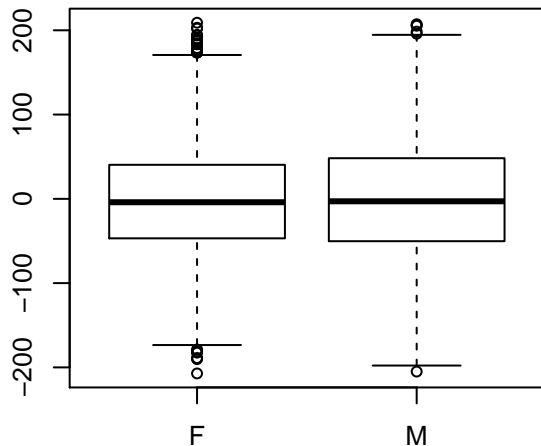
**T.Latency.LongImmobility - raw (outliers re**  
**(n = 1891 )**



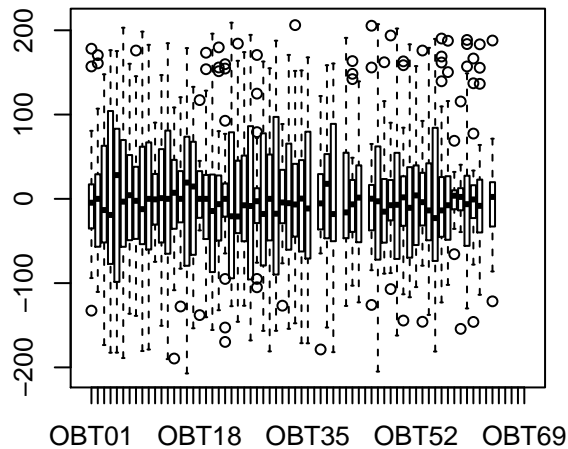
**Residuals (n = 1778 )**



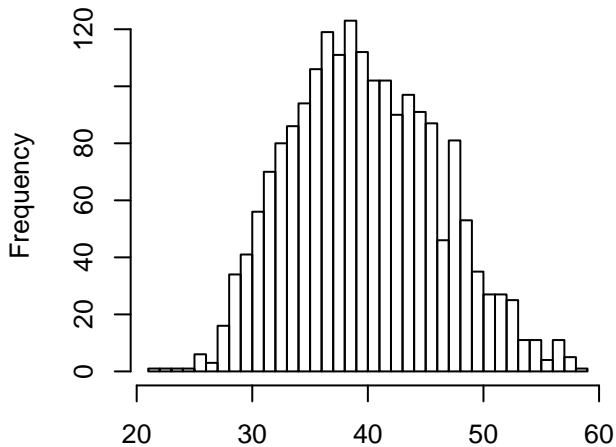
**Residuals**



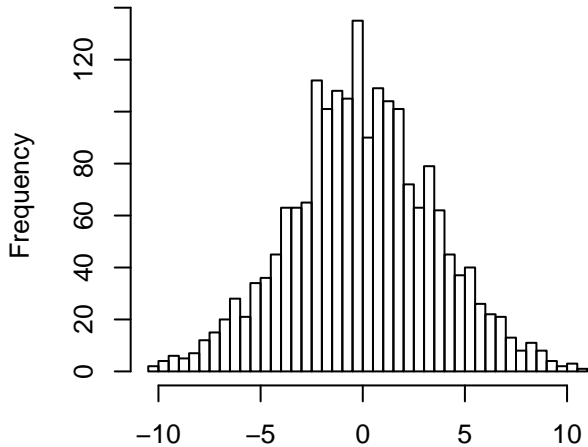
**Residuals**



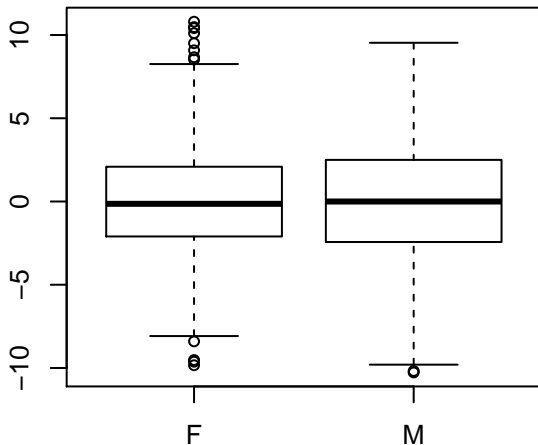
**Weight.Neo – raw (outliers removed)**  
**(n = 1967 )**



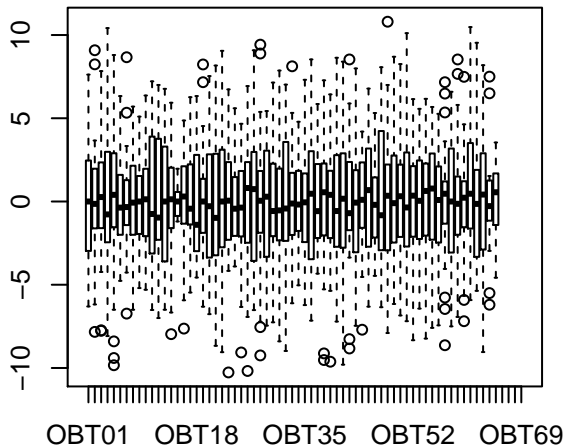
**Residuals (n = 1908 )**



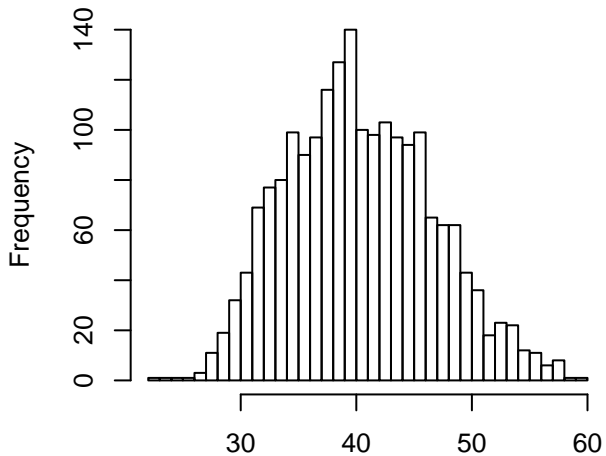
**Residuals**



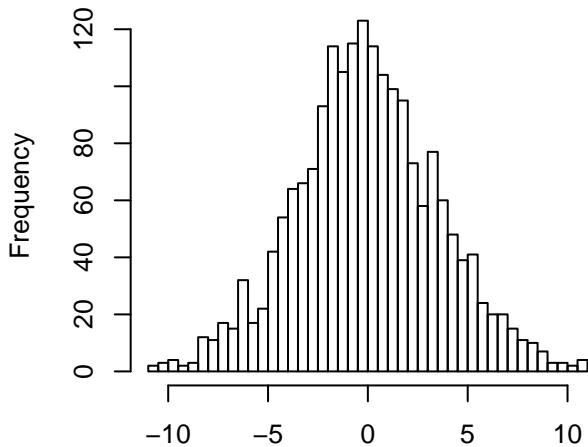
**Residuals**



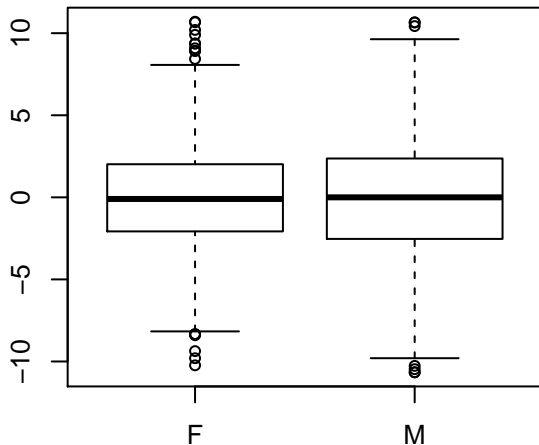
**Weight.Startle - raw (outliers removed)**  
(n = 1968)



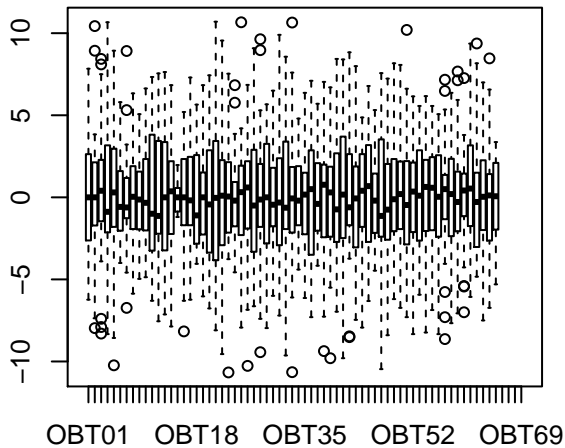
**Residuals (n = 1914)**



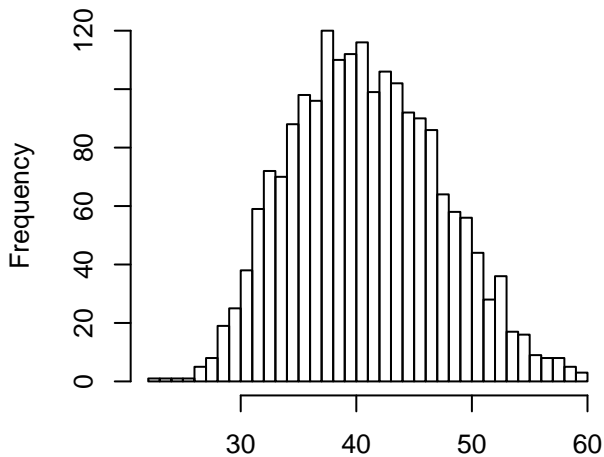
**Residuals**



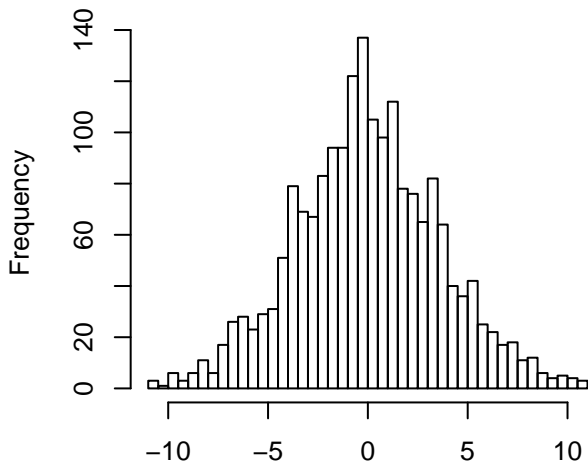
**Residuals**



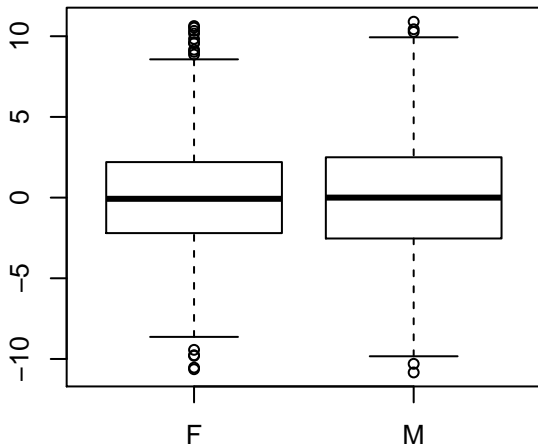
**Weight.Hypo – raw (outliers removed)**  
(n = 1967)



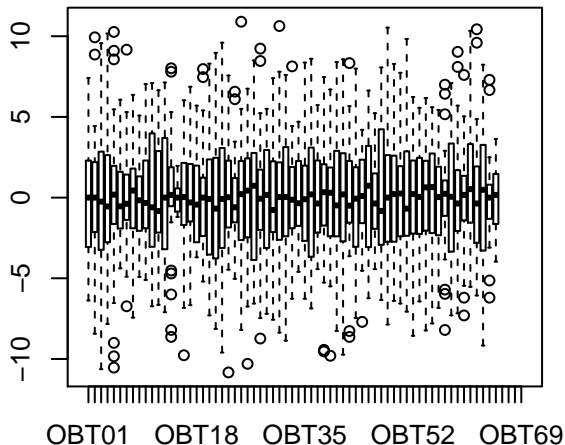
**Residuals (n = 1911)**



**Residuals**

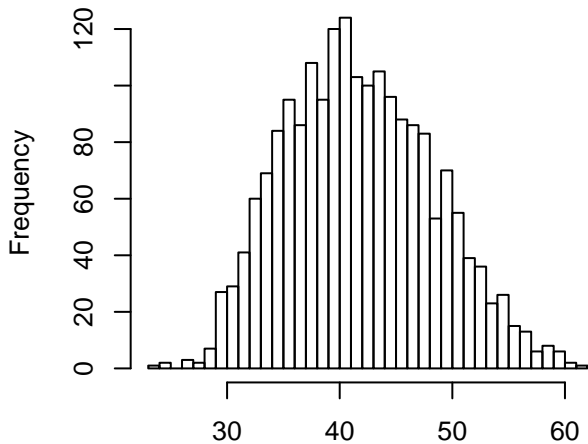


**Residuals**

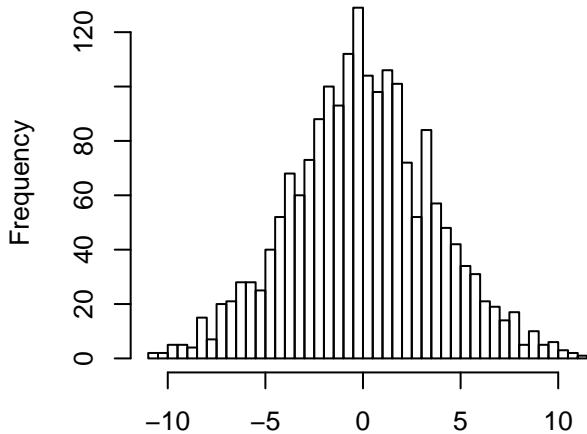




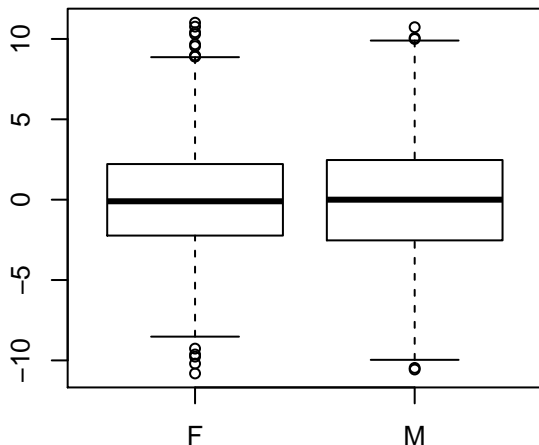
**Weight.ECG – raw (outliers removed)**  
(n = 1967)



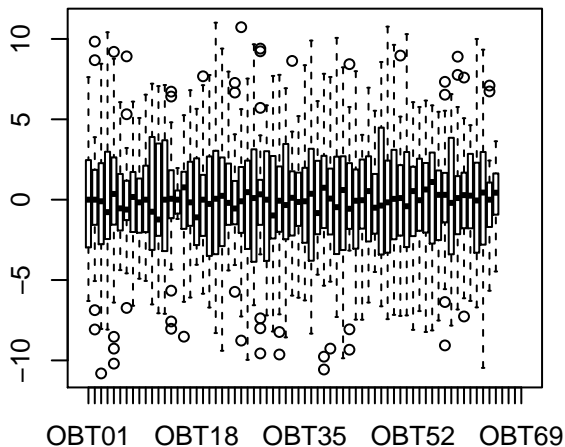
**Residuals (n = 1909)**



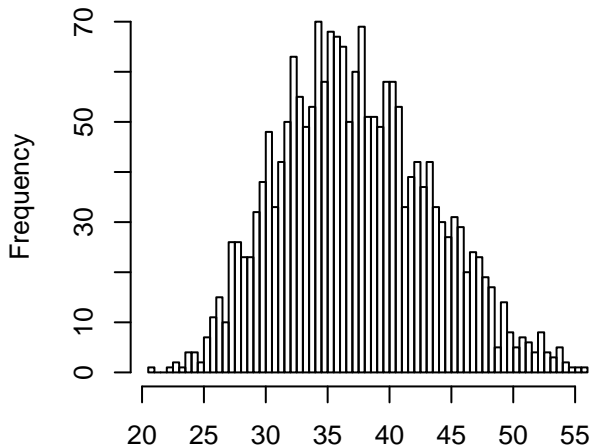
**Residuals**



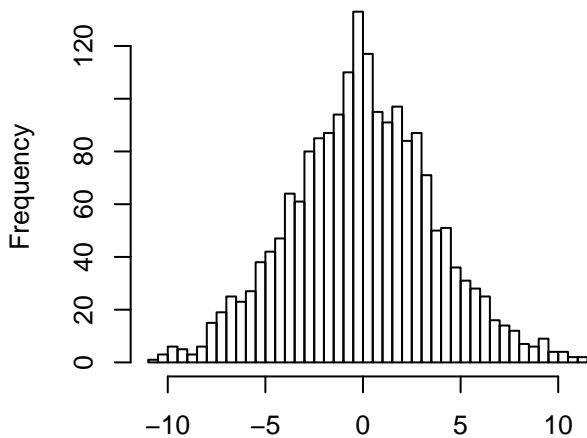
**Residuals**



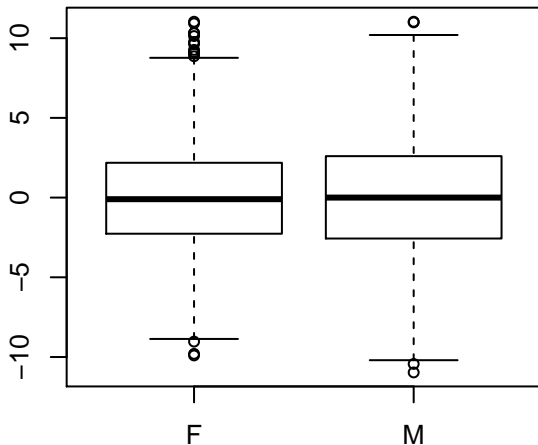
**Weight.Diss – raw (outliers removed)**  
(n = 1966 )



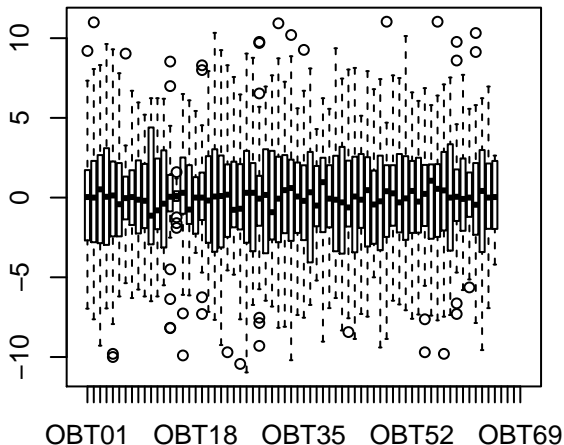
**Residuals (n = 1913 )**



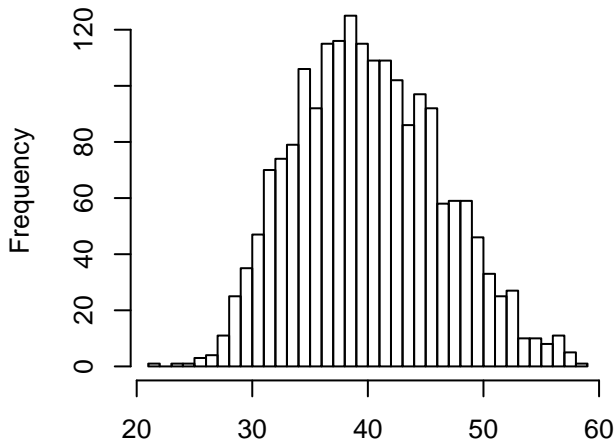
**Residuals**



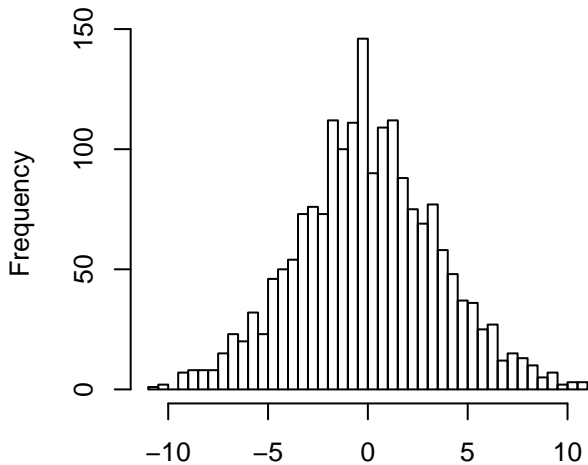
**Residuals**



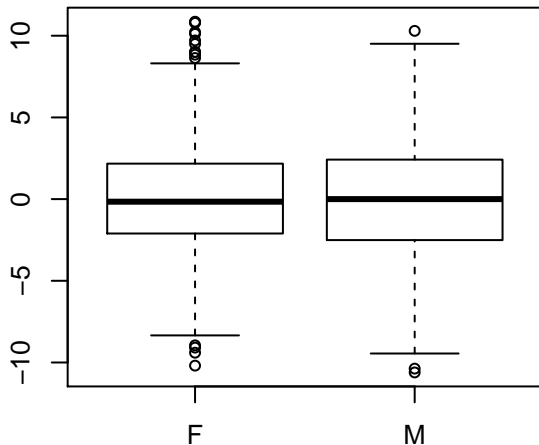
**Weight.Average – raw (outliers removed)**  
**(n = 1967)**



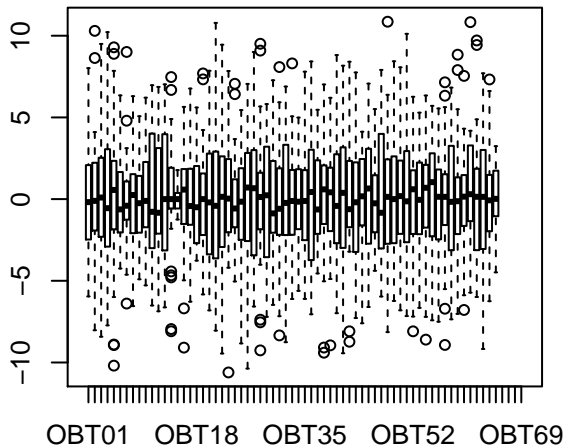
**Residuals (n = 1909)**



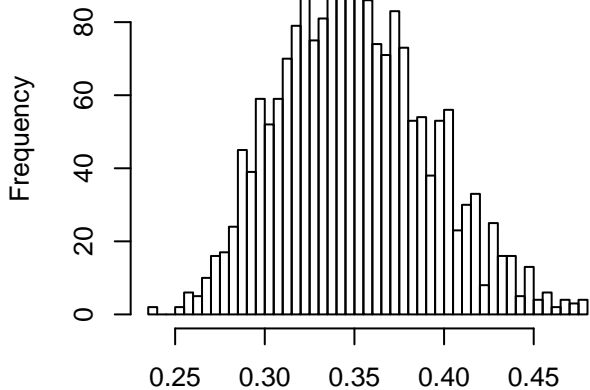
**Residuals**



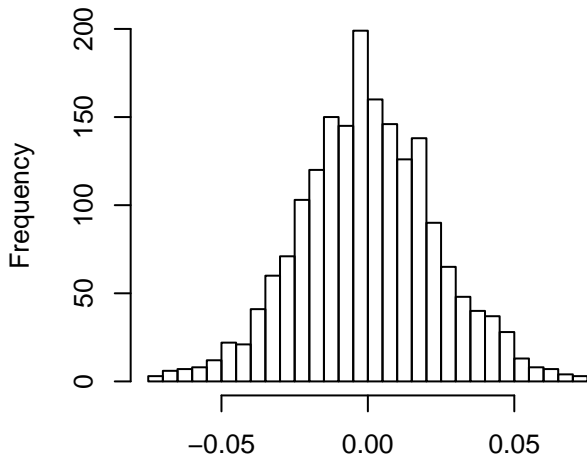
**Residuals**



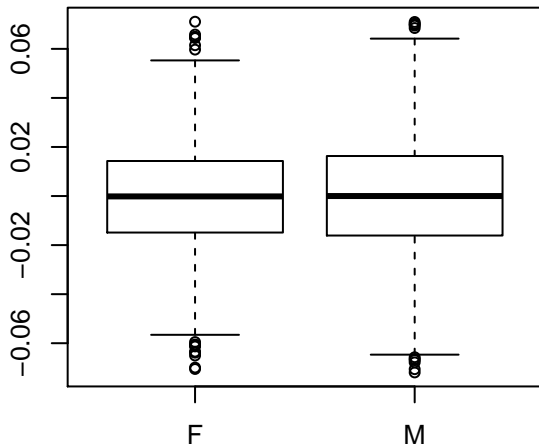
**Weight.BMI.body – raw (outliers removed)**  
(n = 1924 )



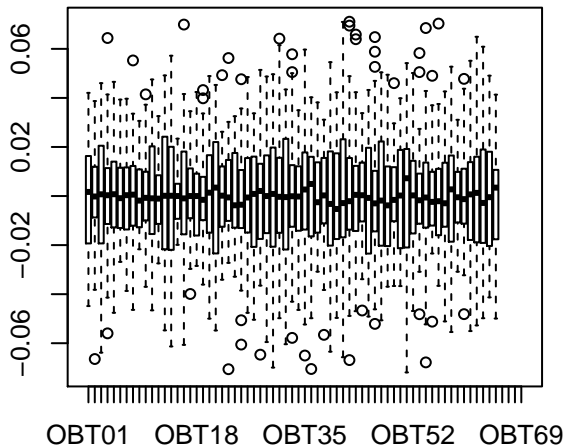
**Residuals (n = 1881 )**



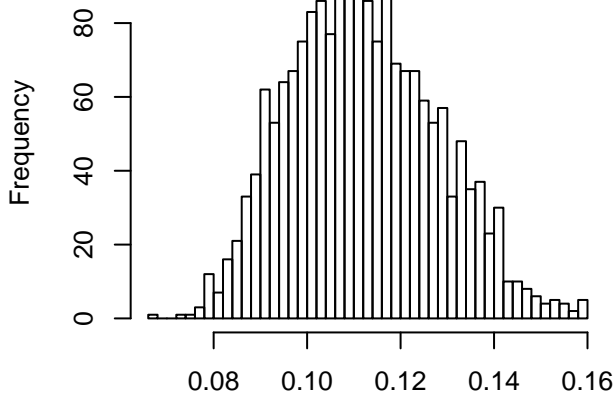
**Residuals**



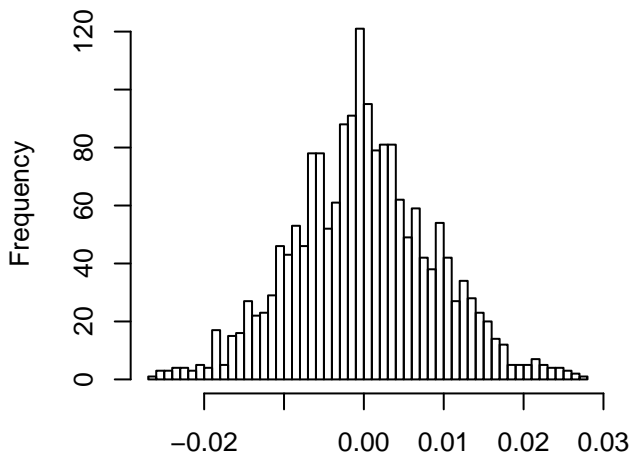
**Residuals**



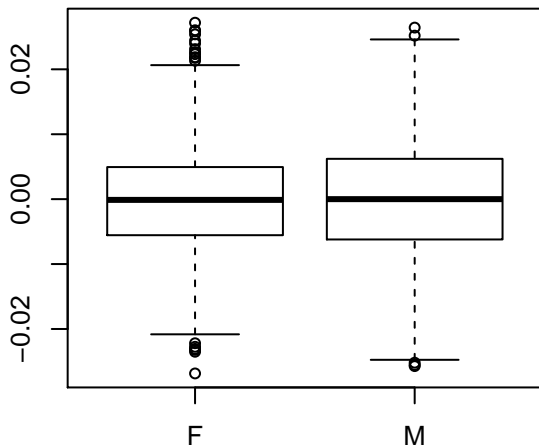
**Weight.BMI.tibia – raw (outliers removed  
(n = 1860 )**



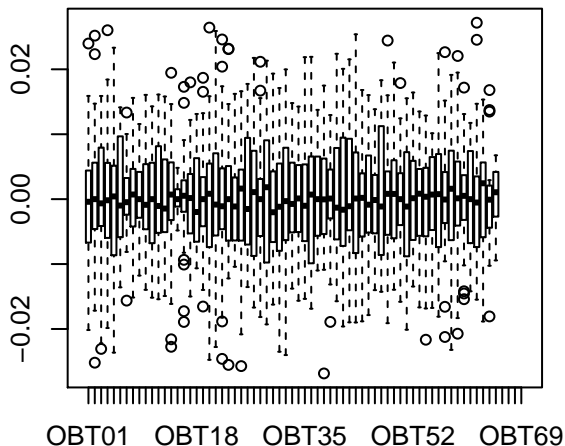
**Residuals (n = 1819 )**



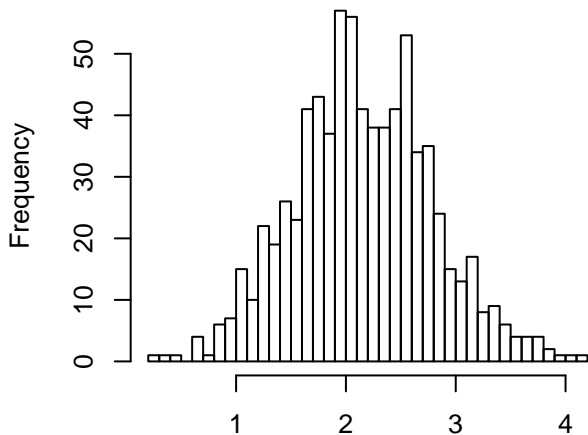
**Residuals**



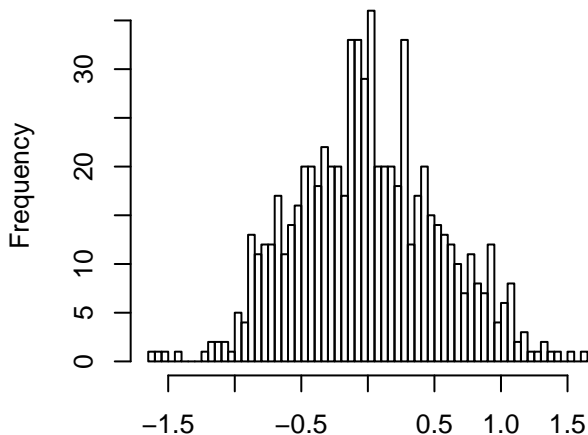
**Residuals**



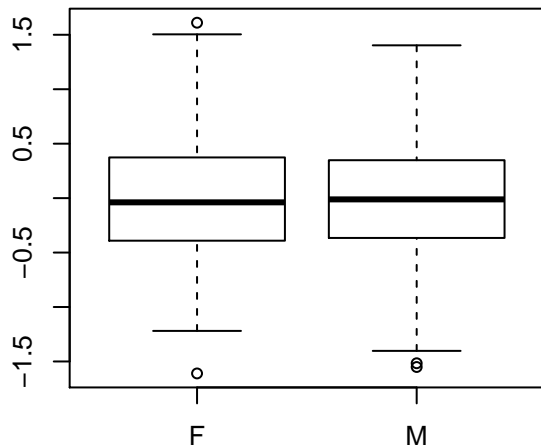
**WH.Ears\_Area - raw (outliers removed)**  
**(n = 759)**



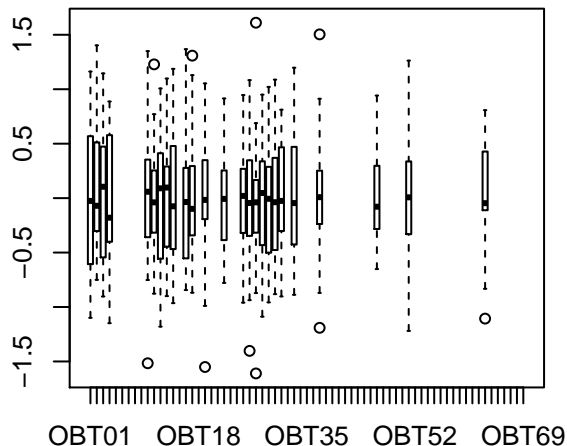
**Residuals (n = 695)**



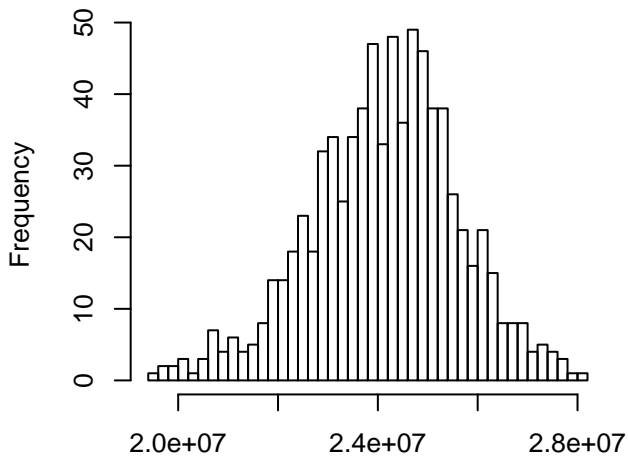
**Residuals**



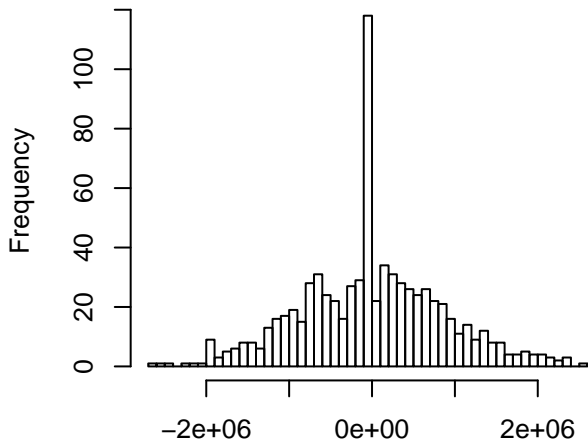
**Residuals**



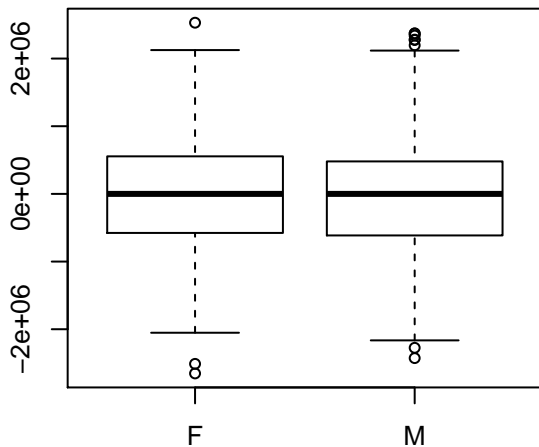
**Brain.Half\_Section\_Area - raw (outliers rem  
(n = 772)**



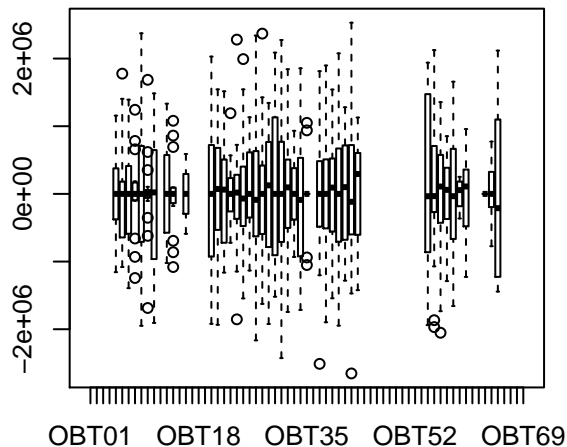
**Residuals (n = 768)**



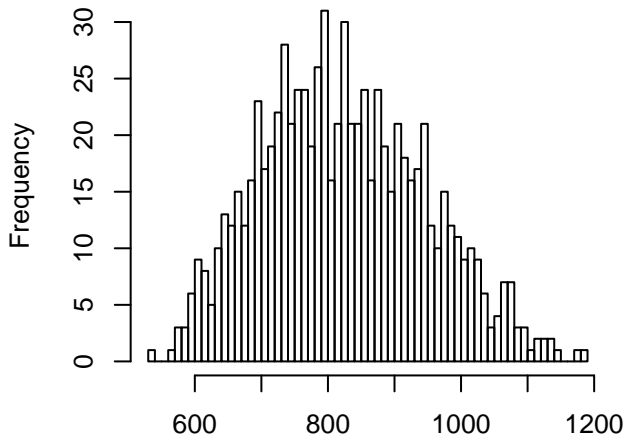
**Residuals**



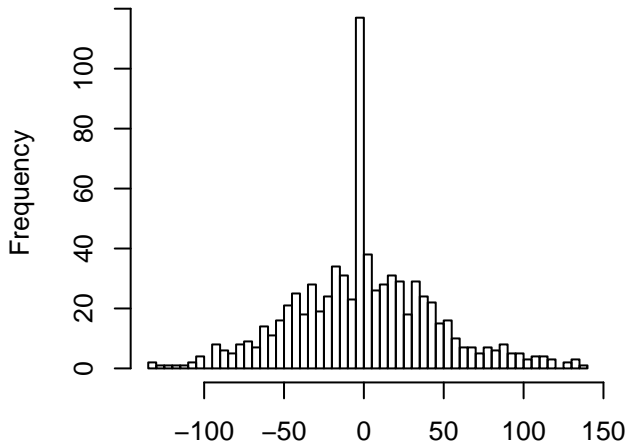
**Residuals**



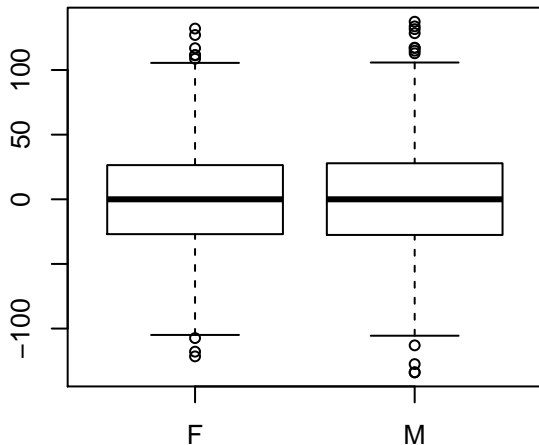
**Brain.Cort\_Thick – raw (outliers removed)**  
**(n = 799)**



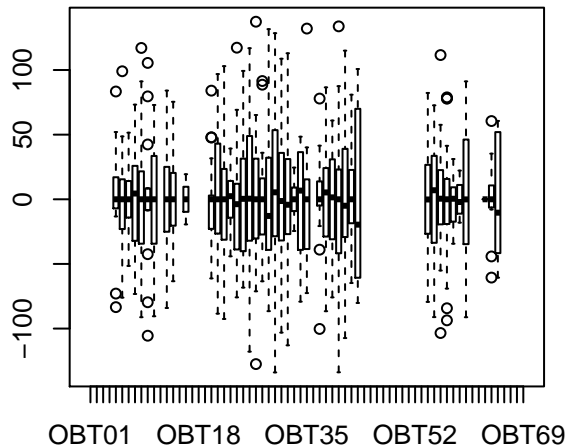
**Residuals (n = 792)**



**Residuals**

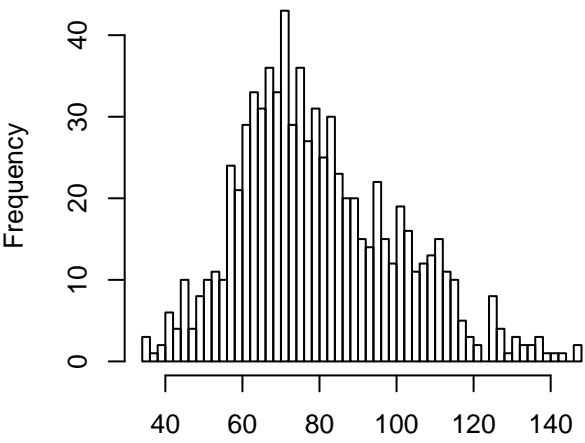


**Residuals**

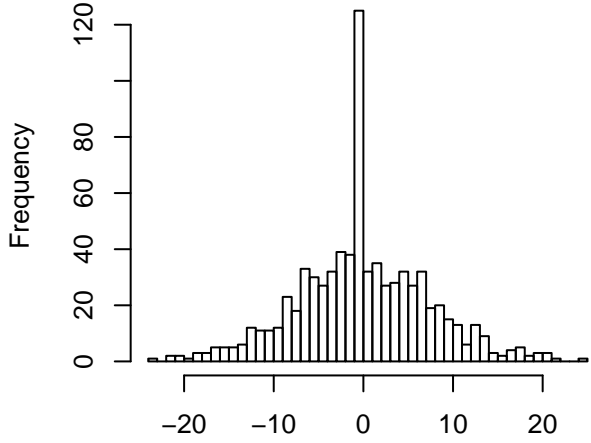




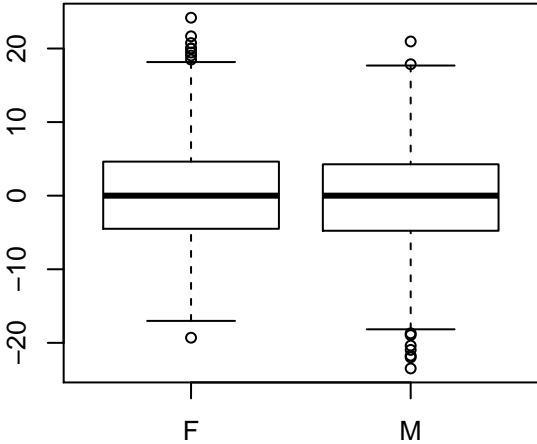
**Brain.Mol\_Lay\_Thick – raw (outliers remov  
(n = 783 )**



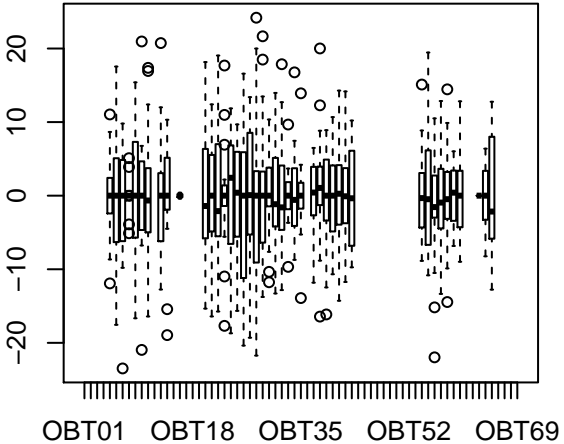
**Residuals (n = 776 )**



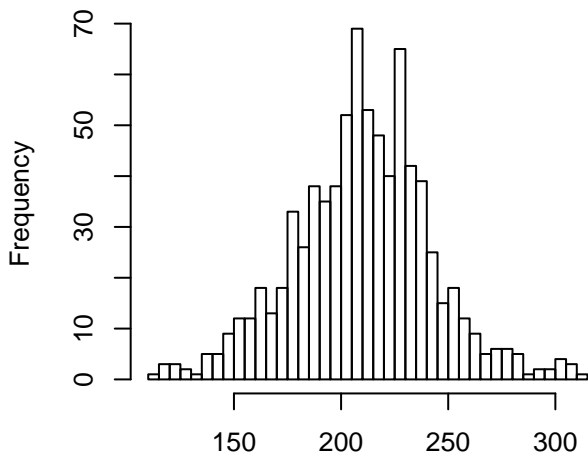
**Residuals**



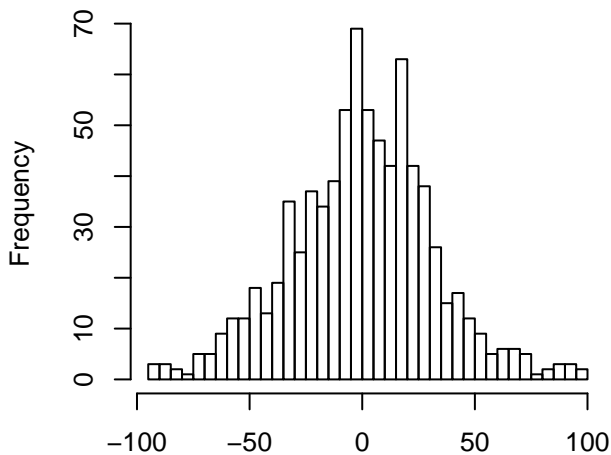
**Residuals**



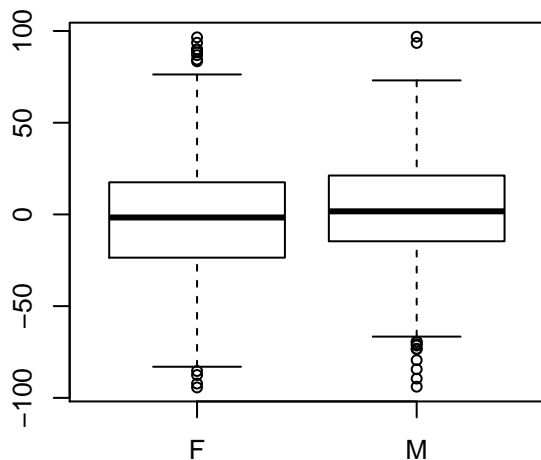
**Brain.Str\_Rad\_Thick - raw (outliers remov  
(n = 794 )**



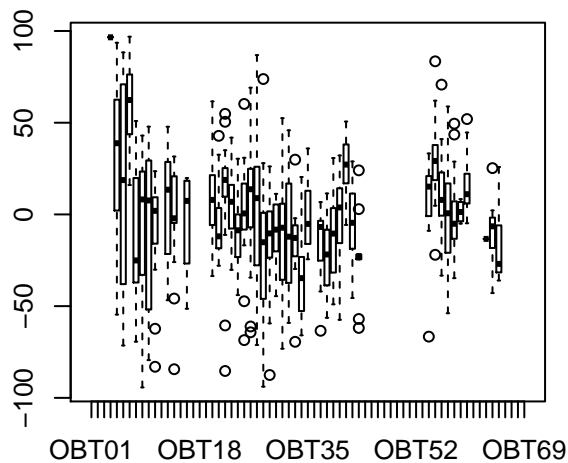
**Residuals (n = 791 )**



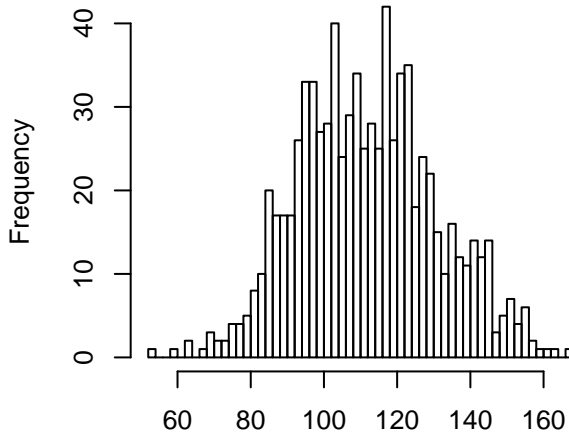
**Residuals**



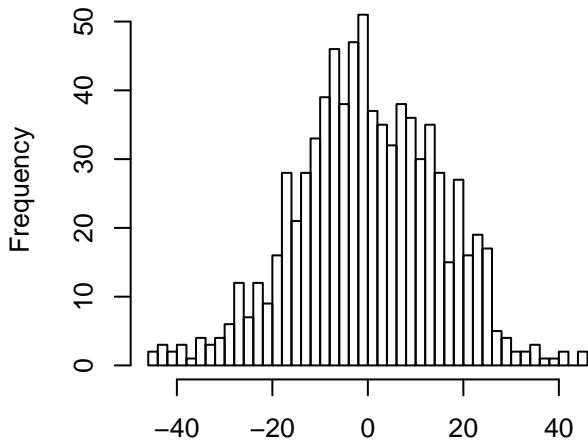
**Residuals**



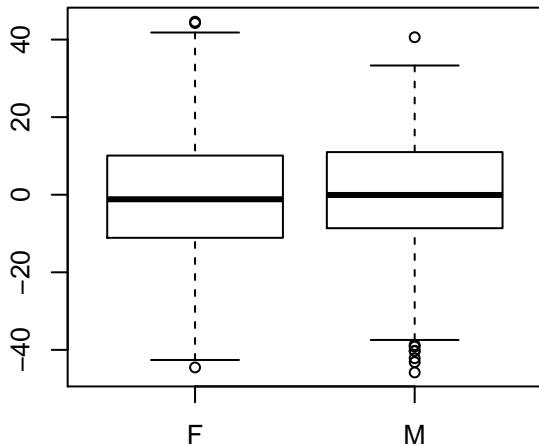
**Brain.Ori\_Lay\_Thick - raw (outliers removed)**  
**(n = 805)**



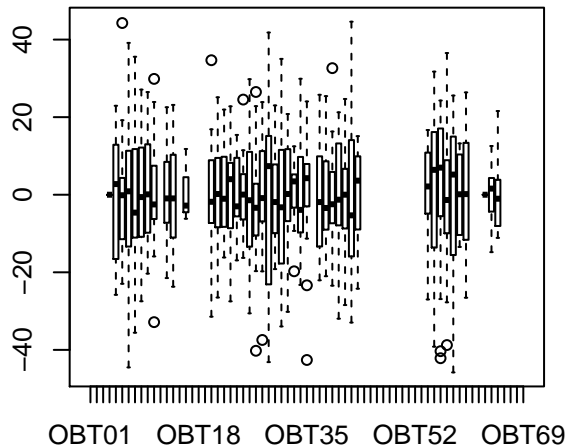
**Residuals (n = 802)**



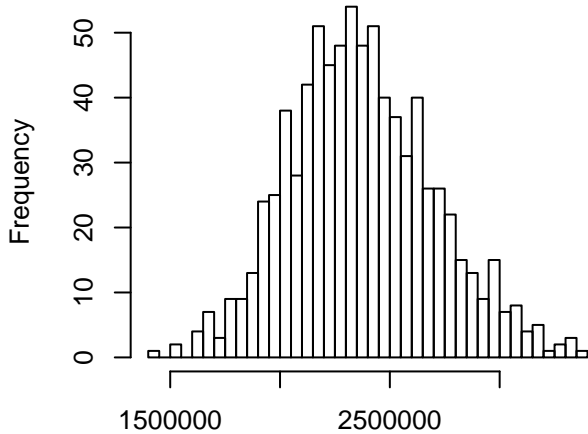
**Residuals**



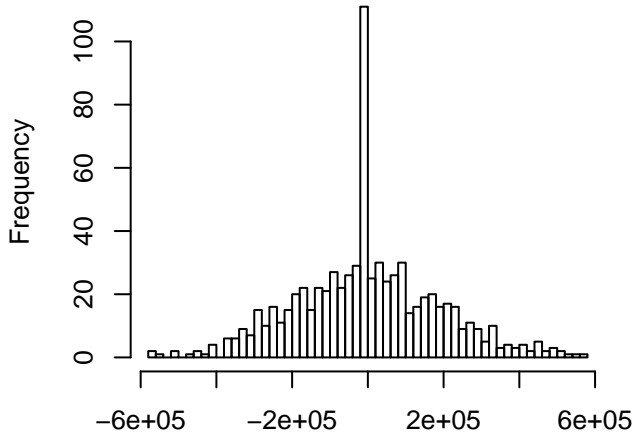
**Residuals**



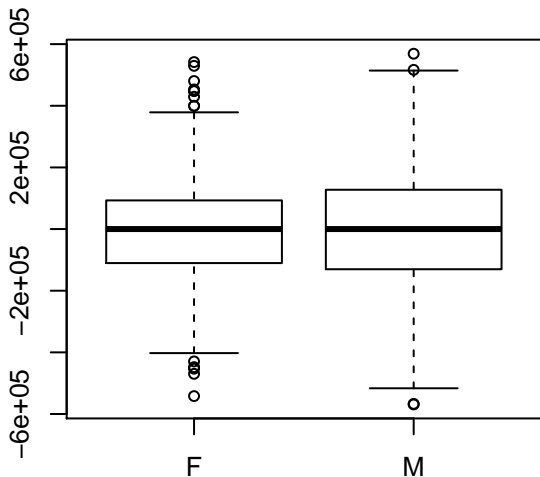
**Brain.Hippo\_Area - raw (outliers removed)**  
(n = 807)



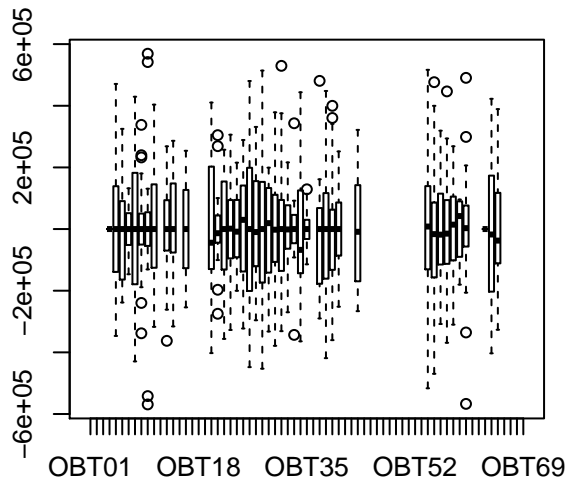
**Residuals (n = 751)**



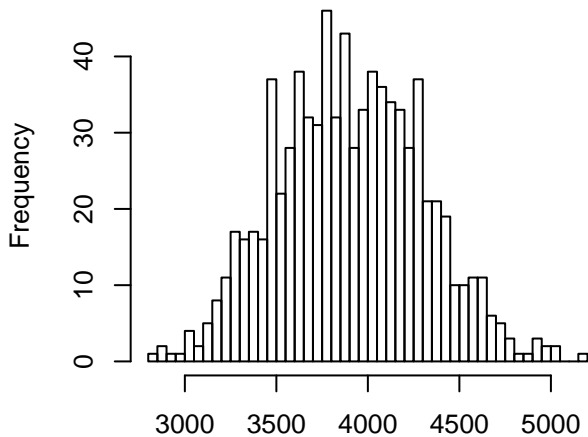
**Residuals**



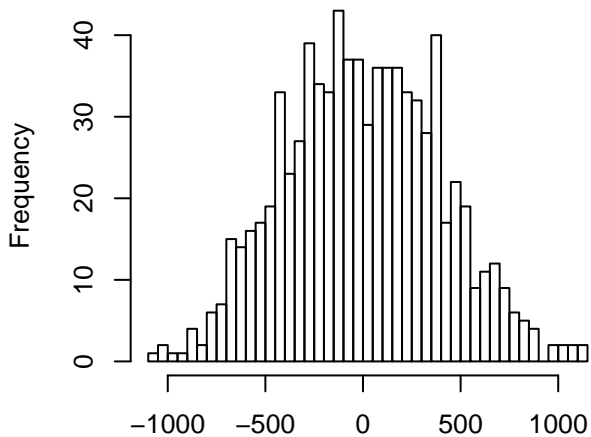
**Residuals**



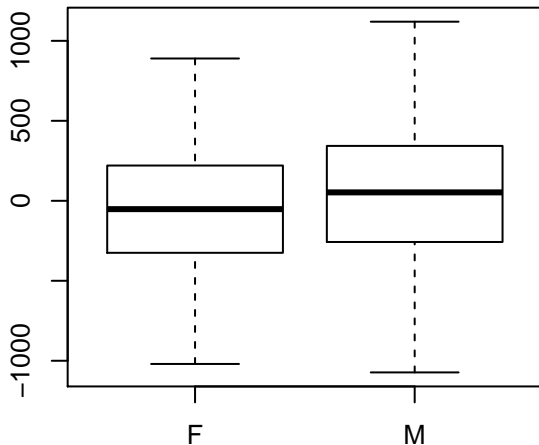
**Brain.Pyr\_Cells\_Len - raw (outliers remov  
(n = 804 )**



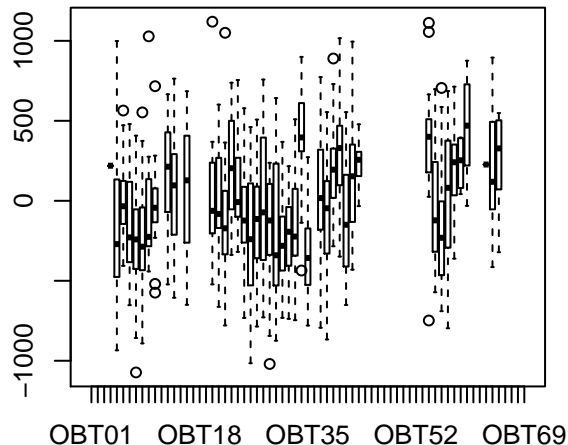
**Residuals (n = 803 )**



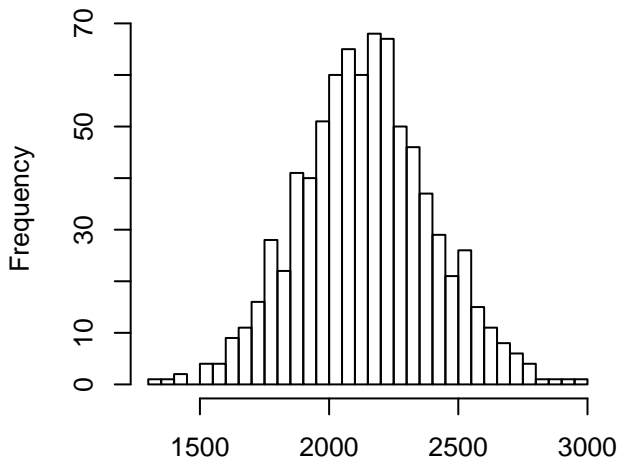
**Residuals**



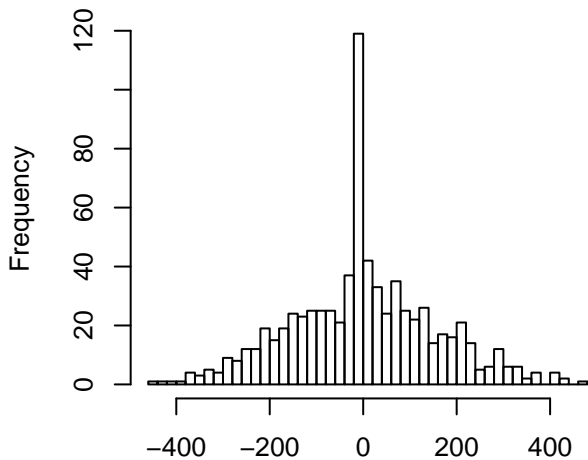
**Residuals**



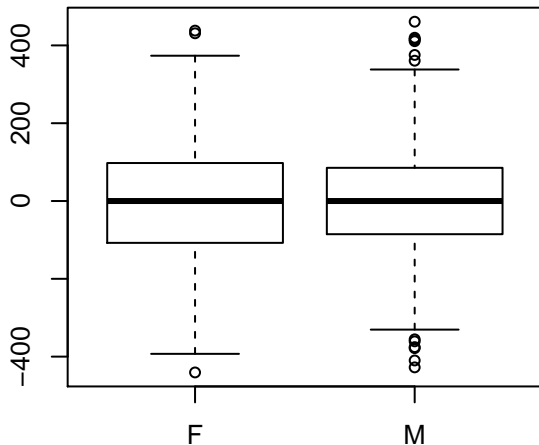
**Brain.Dent\_Gyr\_Len - raw (outliers removed)**  
(n = 807)



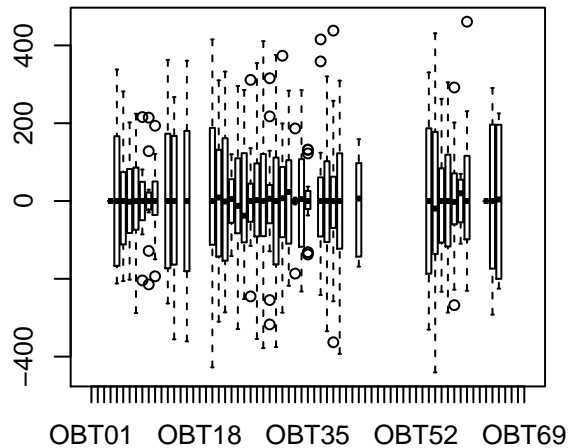
**Residuals (n = 750)**



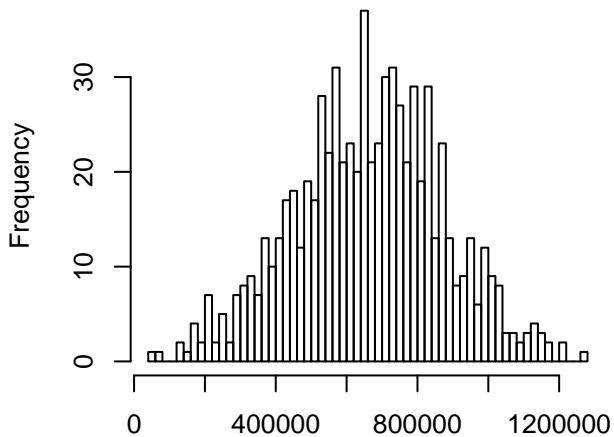
**Residuals**



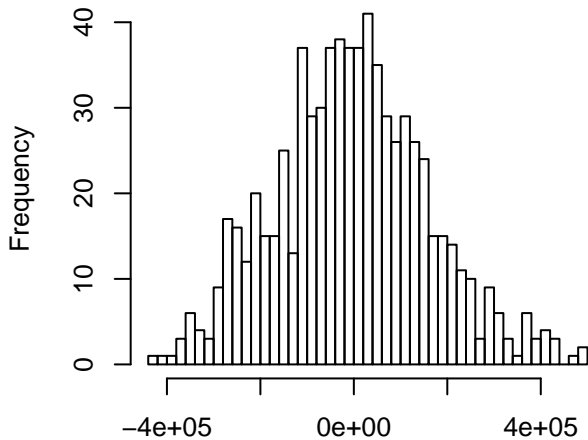
**Residuals**



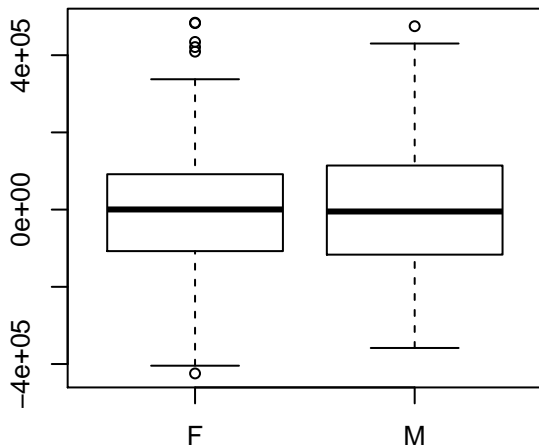
**Brain.Amyg\_Area - raw (outliers removed)**  
(n = 726)



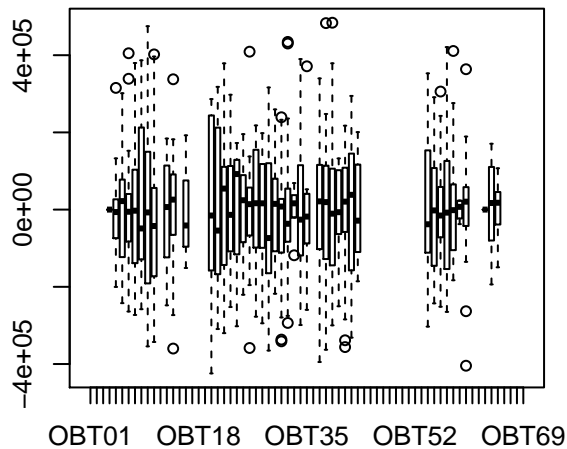
**Residuals (n = 722)**



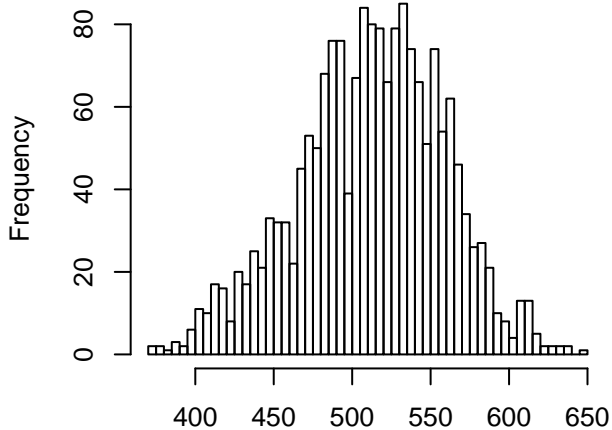
**Residuals**



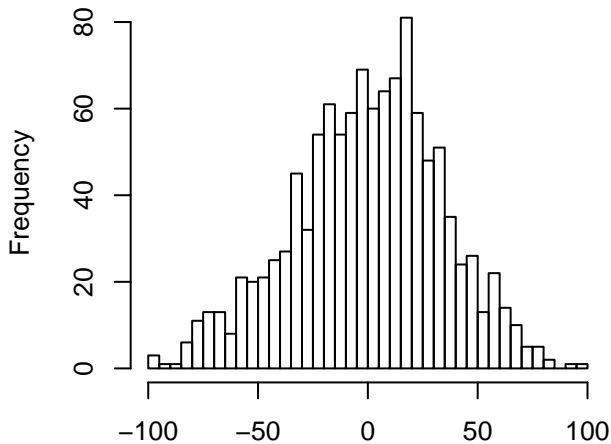
**Residuals**



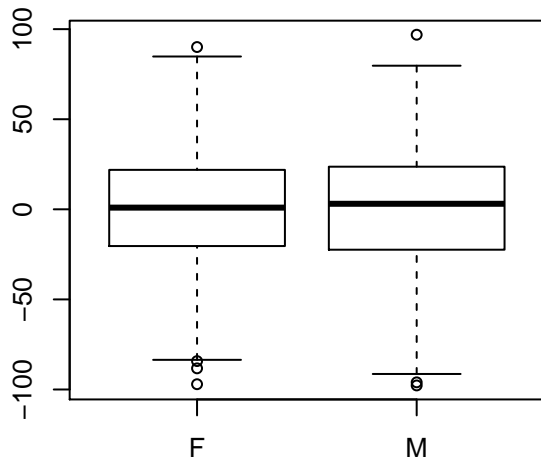
**Cardio.ECG.Heart\_Rate - raw (outliers remo  
(n = 1824 )**



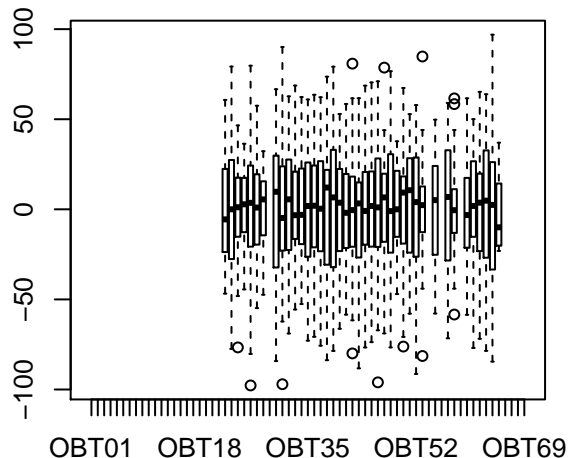
**Residuals (n = 1132 )**



**Residuals**

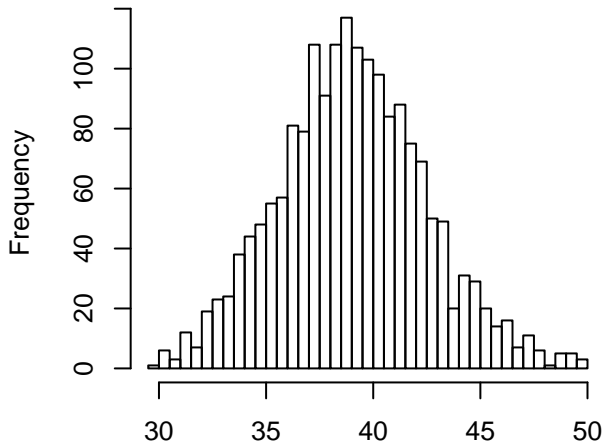


**Residuals**

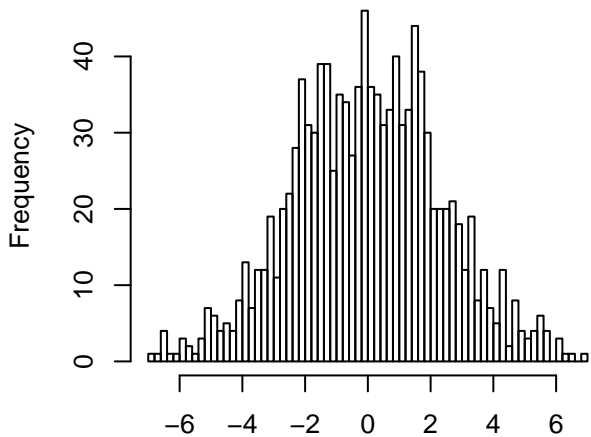




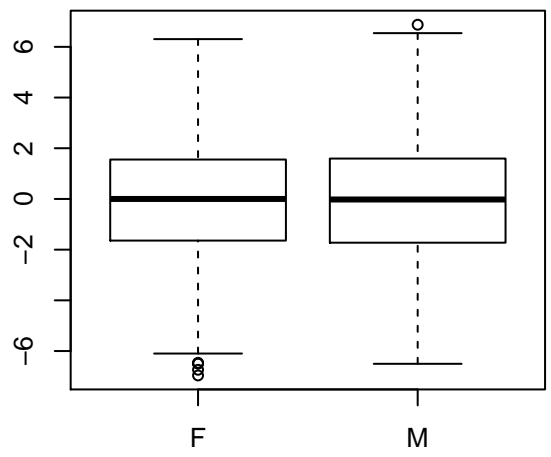
**Cardio.ECG.PR\_main - raw (outliers remov  
(n = 1812 )**



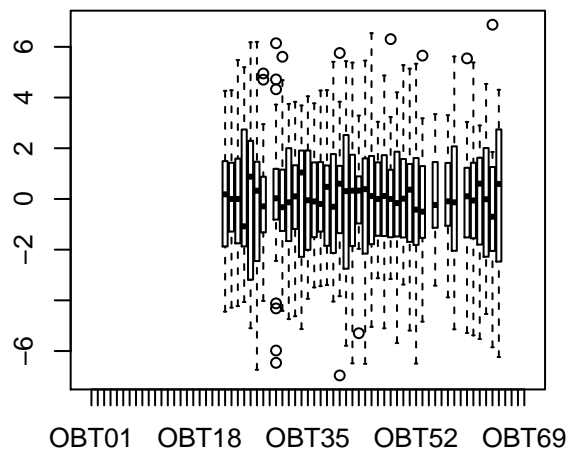
**Residuals (n = 1136 )**



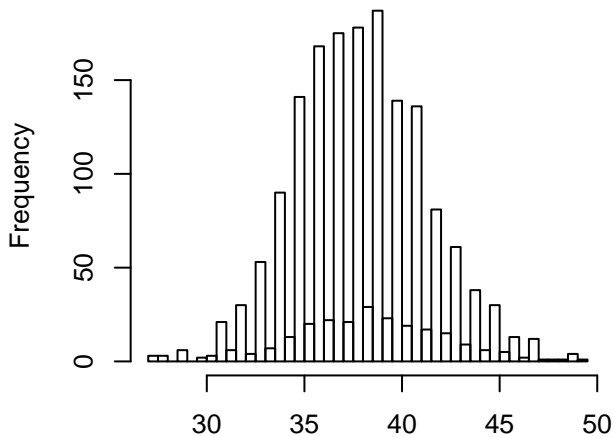
**Residuals**



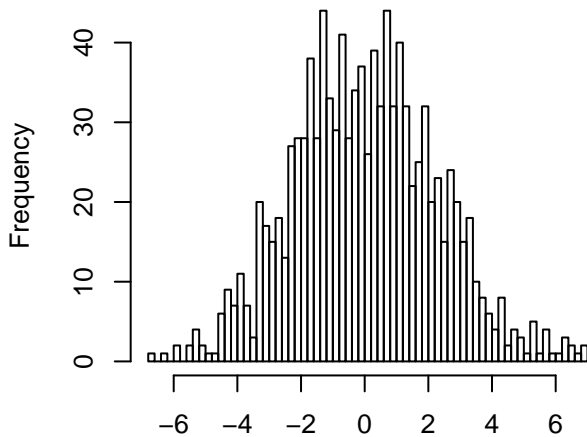
**Residuals**



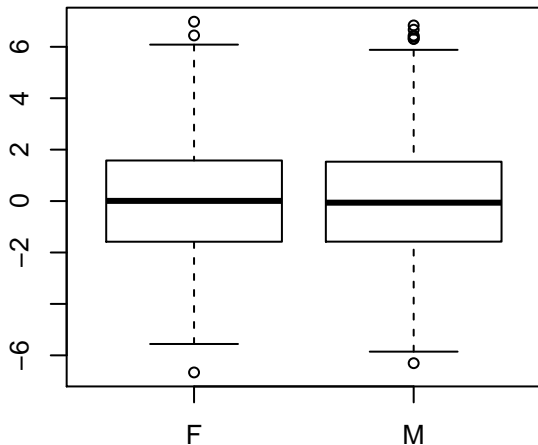
**Cardio.ECG.PR\_peak – raw (outliers remov  
(n = 1796 )**



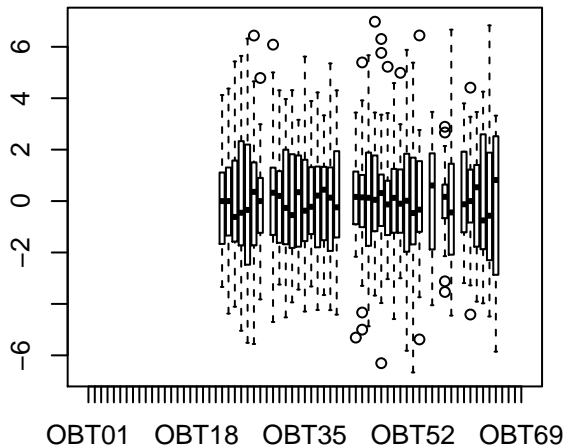
**Residuals (n = 1060 )**



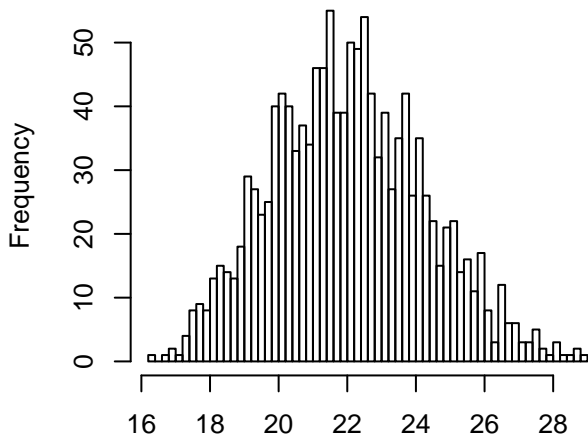
**Residuals**



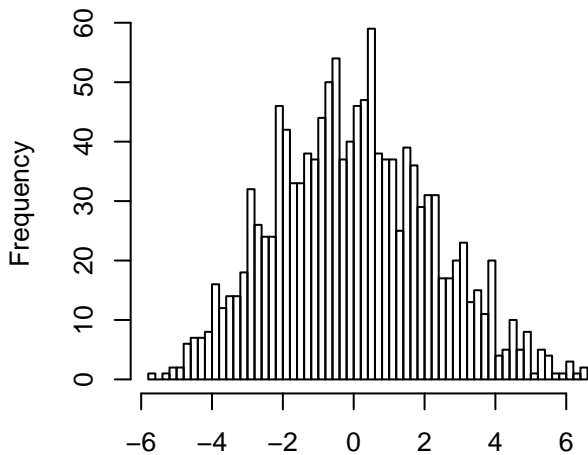
**Residuals**



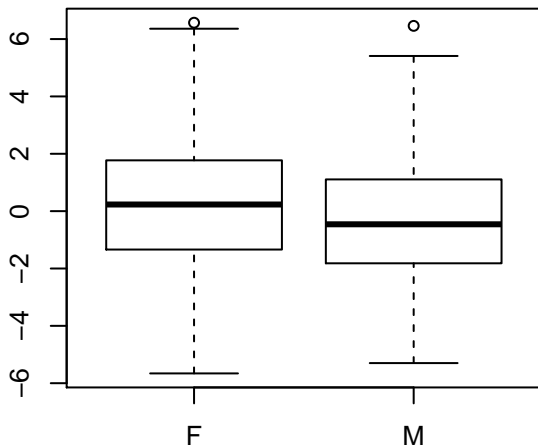
**Cardio.ECG.P\_Duration - raw (outliers remo  
(n = 1314 )**



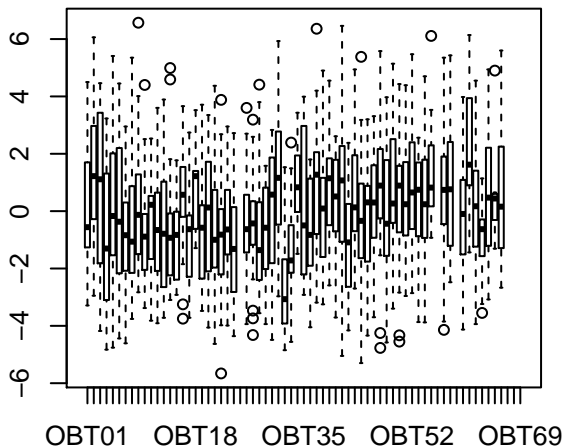
**Residuals (n = 1309 )**



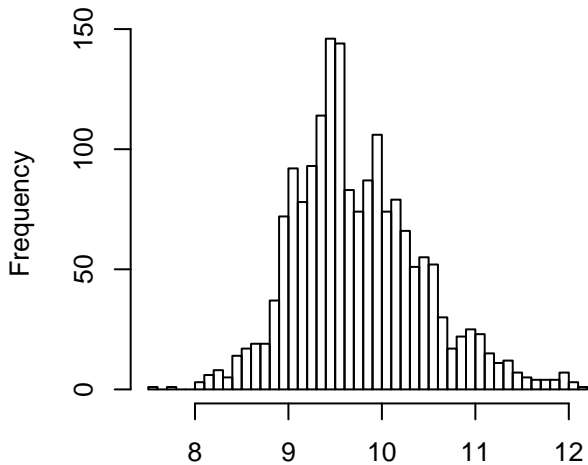
**Residuals**



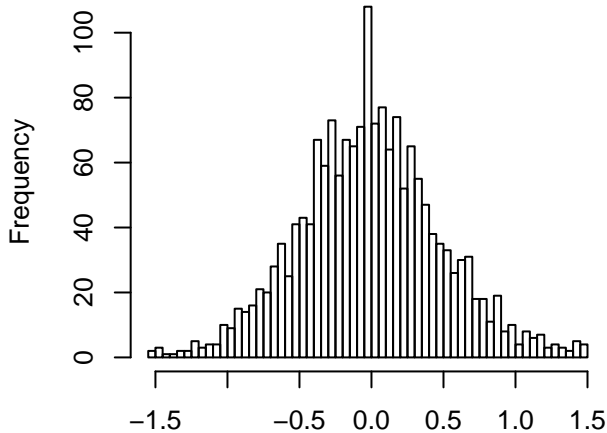
**Residuals**



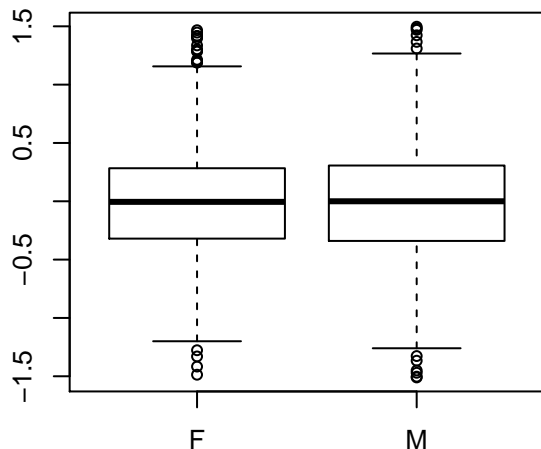
**Cardio.ECG.QRS\_main - raw (outliers remo  
(n = 1786 )**



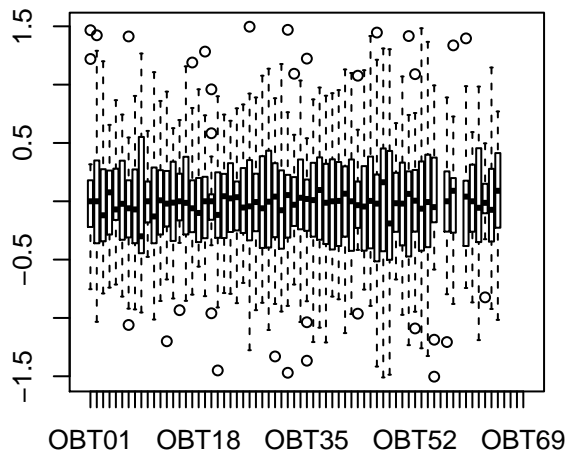
**Residuals (n = 1740 )**



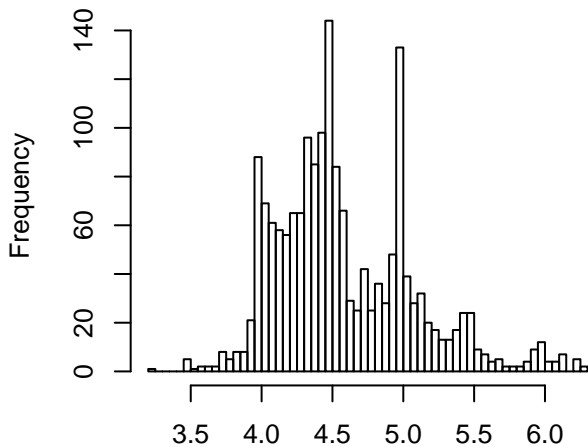
**Residuals**



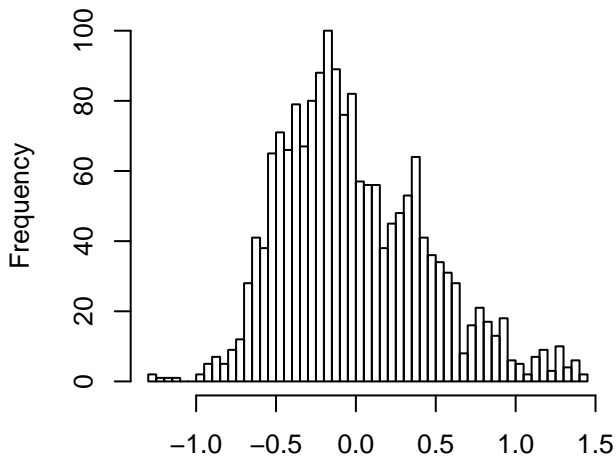
**Residuals**



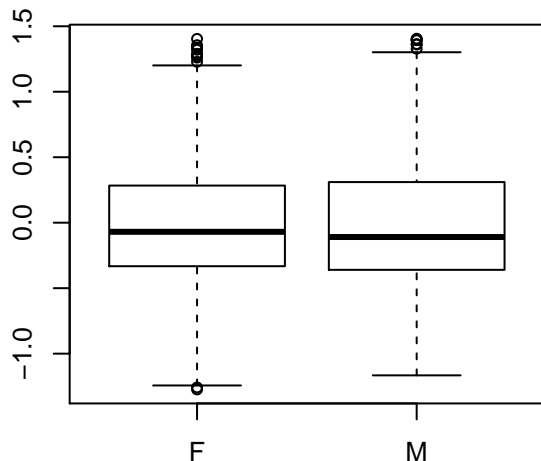
**Cardio.ECG.QRS\_peak - raw (outliers remo  
(n = 1769 )**



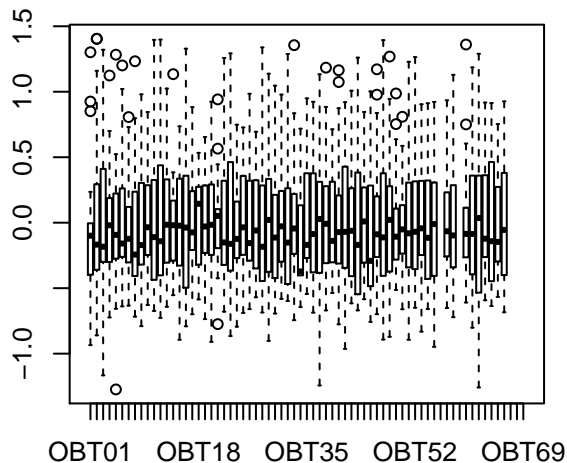
**Residuals (n = 1749 )**



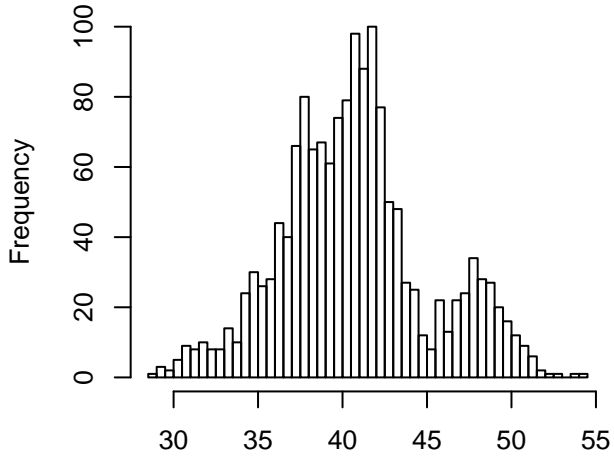
**Residuals**



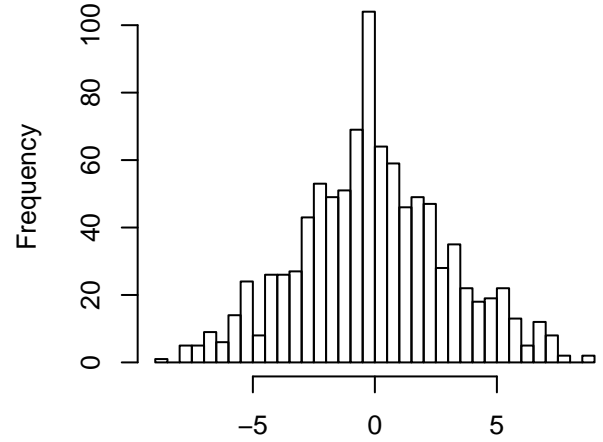
**Residuals**



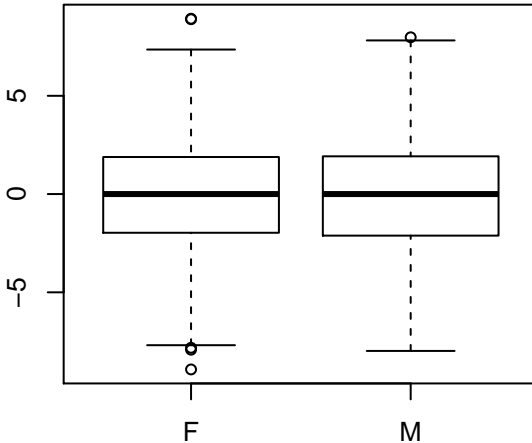
**Cardio.ECG.QT\_main – raw (outliers remov  
(n = 1534 )**



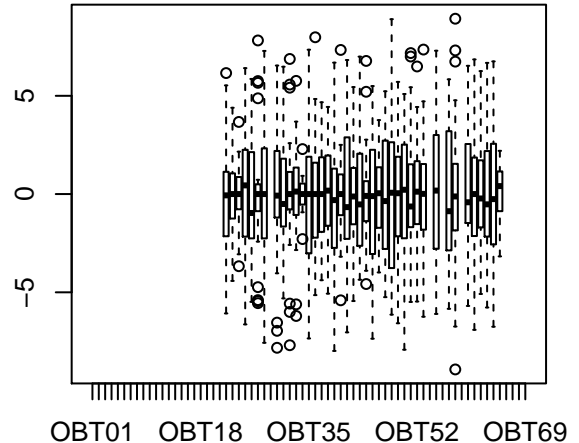
**Residuals (n = 971 )**



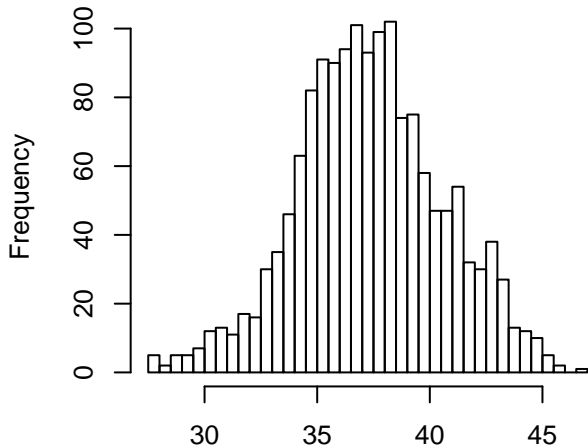
**Residuals**



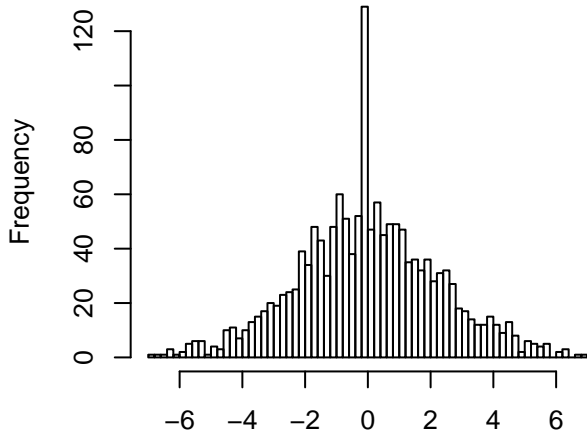
**Residuals**



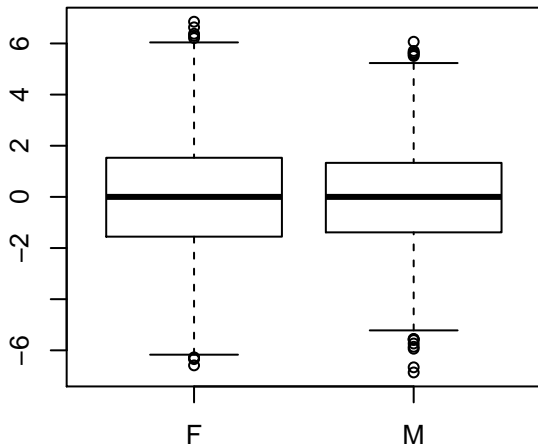
radio.ECG.QTcorr\_main – raw (outliers rem)  
(n = 1544 )



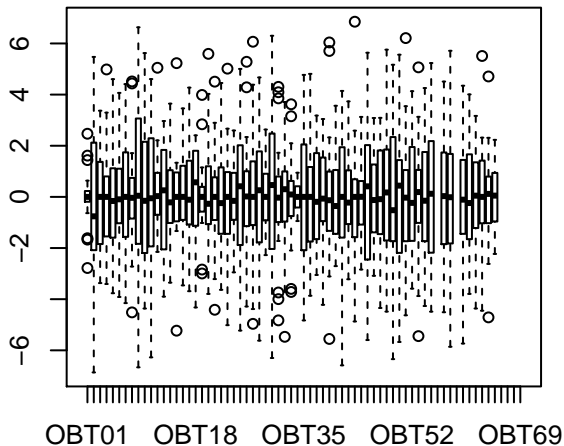
Residuals (n = 1510 )



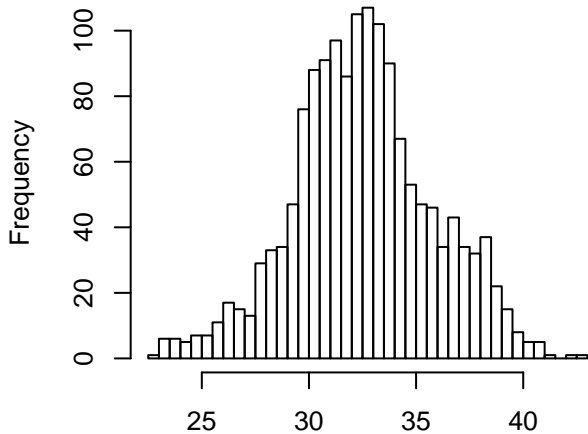
Residuals



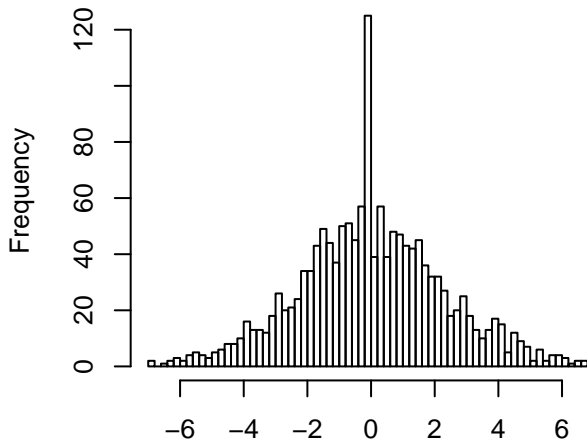
Residuals



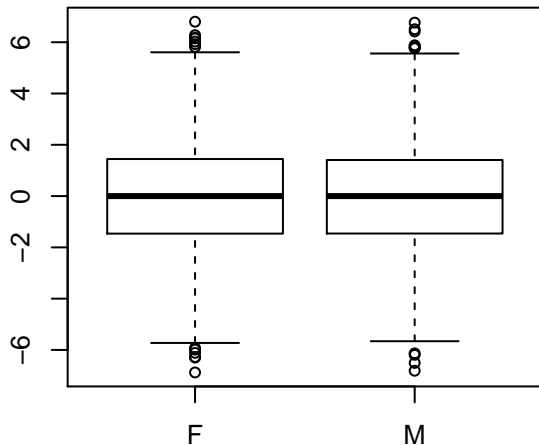
radio.ECG.QTcorr\_peak - raw (outliers rem.)  
(n = 1524 )



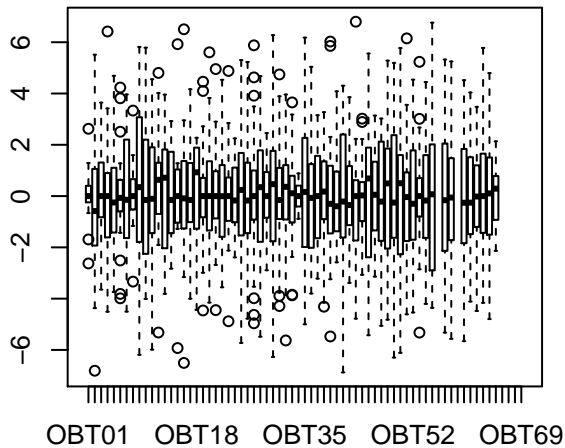
Residuals (n = 1490 )



Residuals

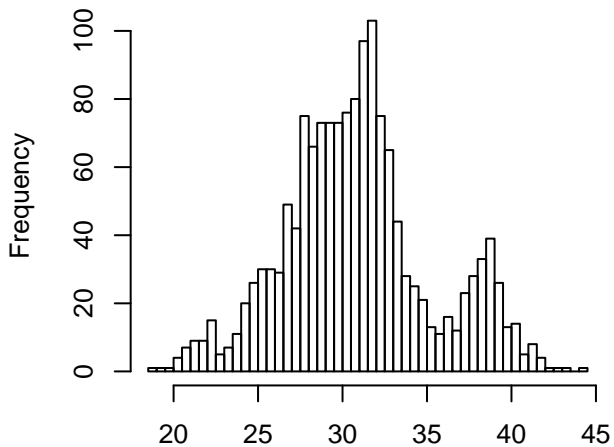


Residuals

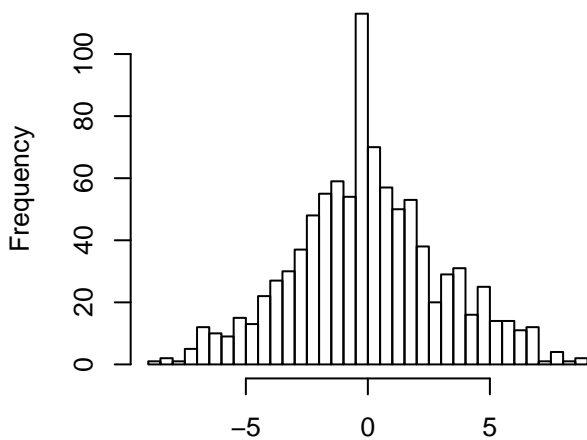




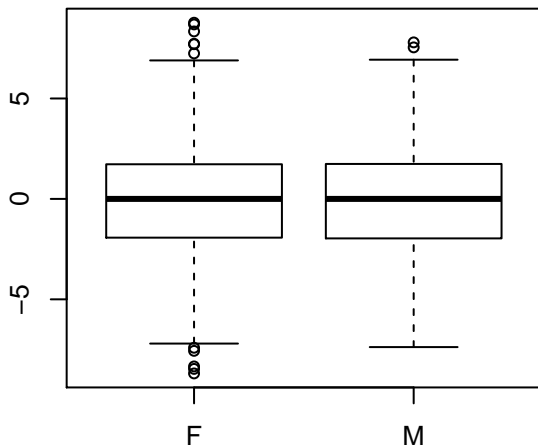
**Cardio.ECG.JT\_Interval - raw (outliers remo  
(n = 1519 )**



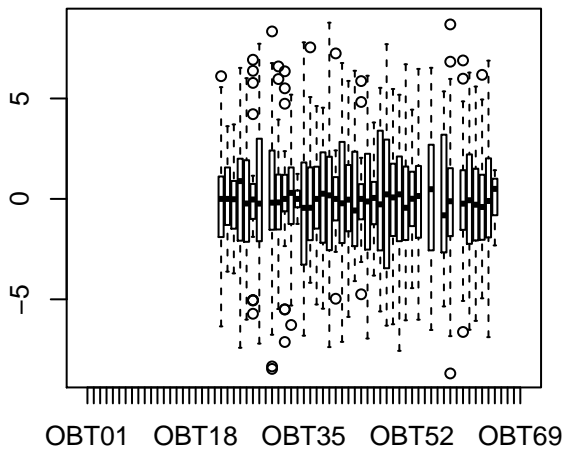
**Residuals (n = 961 )**



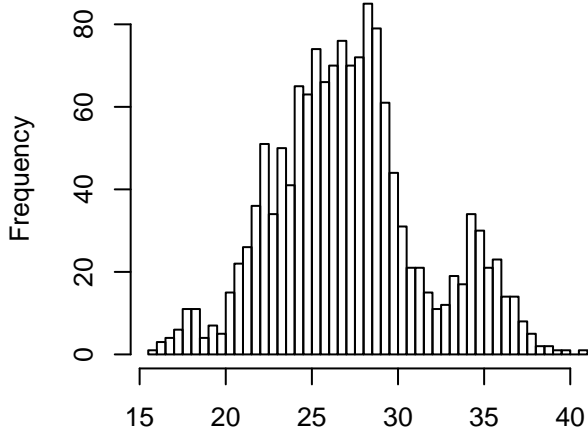
**Residuals**



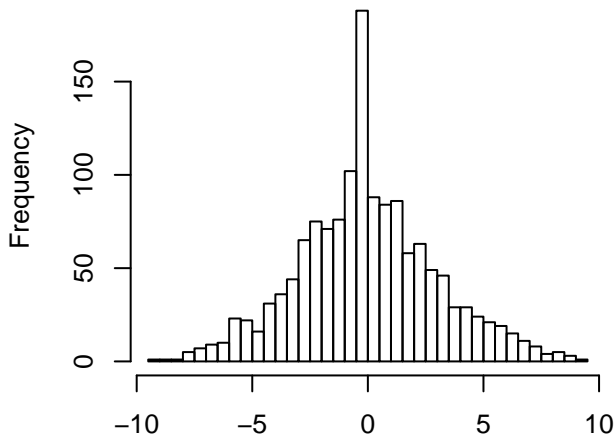
**Residuals**



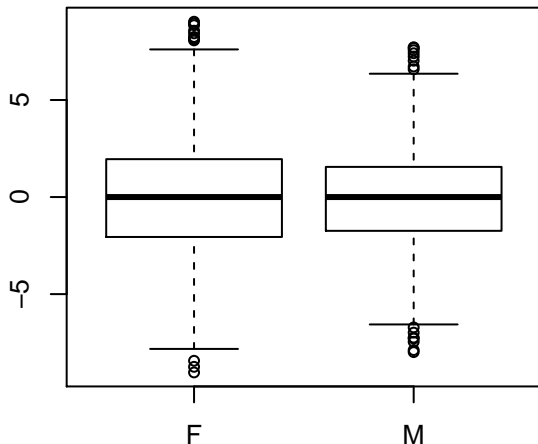
Cardio.ECG.Tpeak\_Tend - raw (outliers remc  
(n = 1455 )



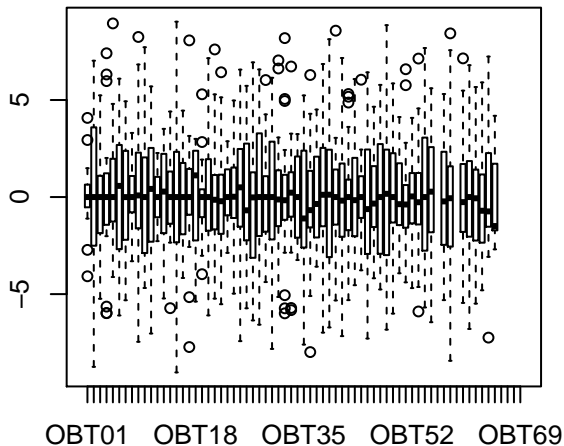
Residuals (n = 1426 )



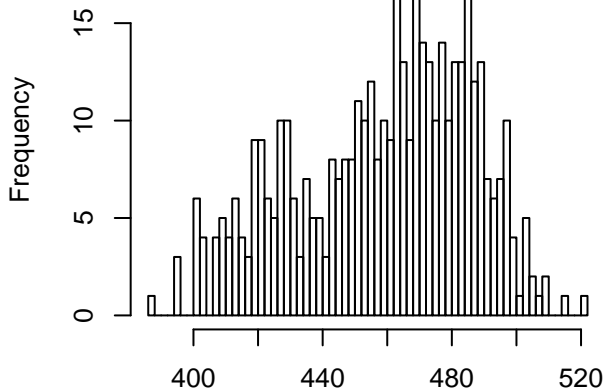
Residuals



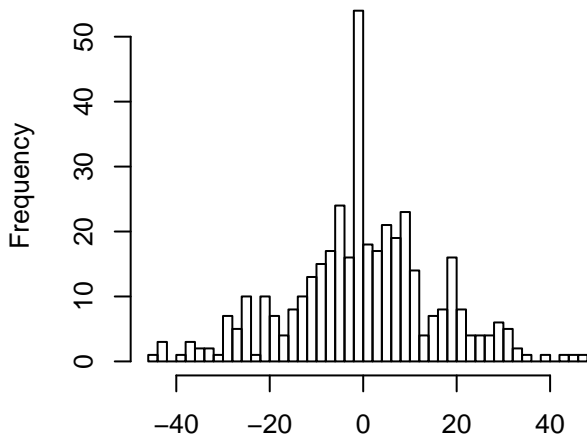
Residuals



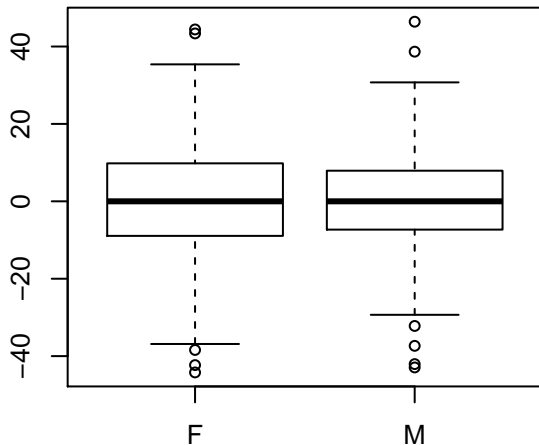
**Cardio.Echo.Heart\_Rate - raw (outliers remc  
(n = 443 )**



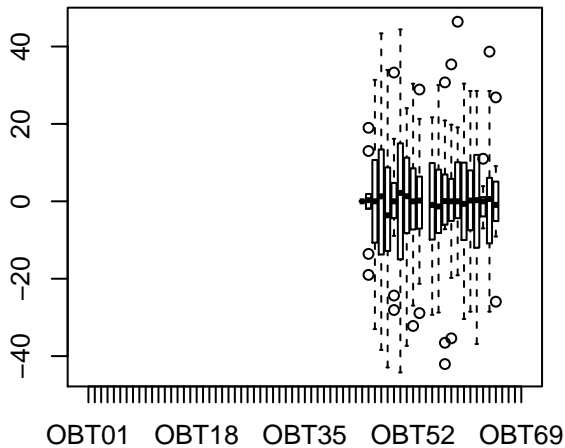
**Residuals (n = 399 )**



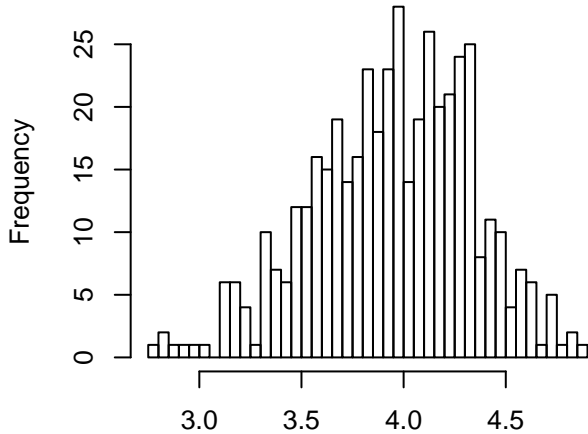
**Residuals**



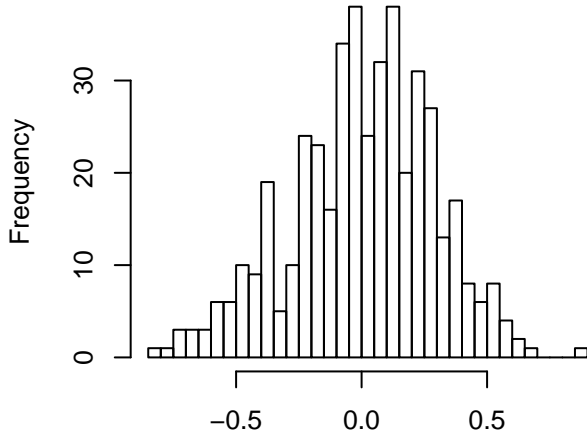
**Residuals**



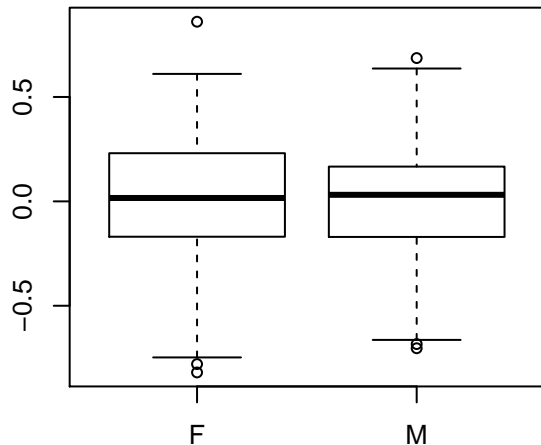
**Cardio.Echo.LVID\_d – raw (outliers remove  
(n = 448 )**



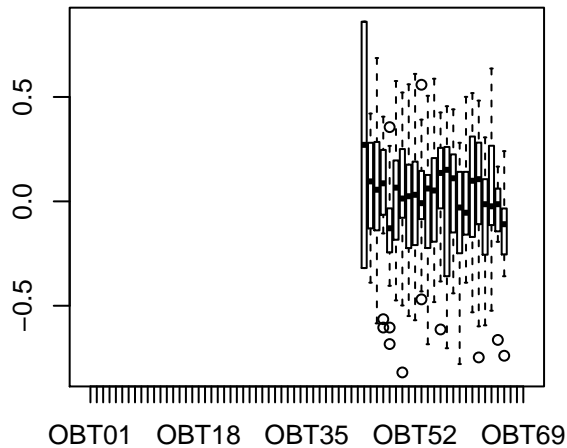
**Residuals (n = 443 )**



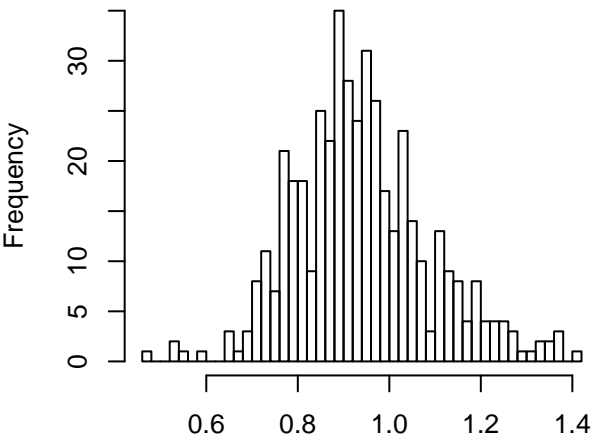
**Residuals**



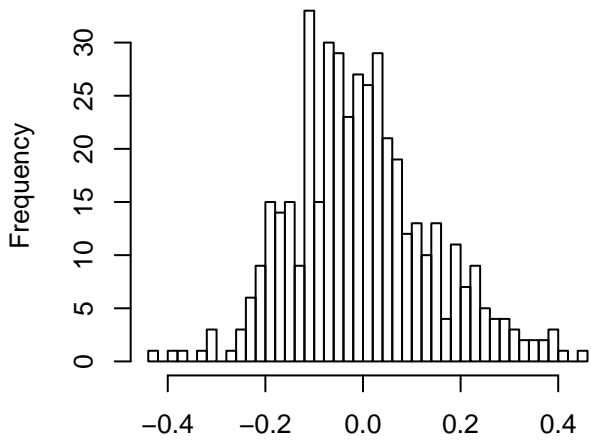
**Residuals**



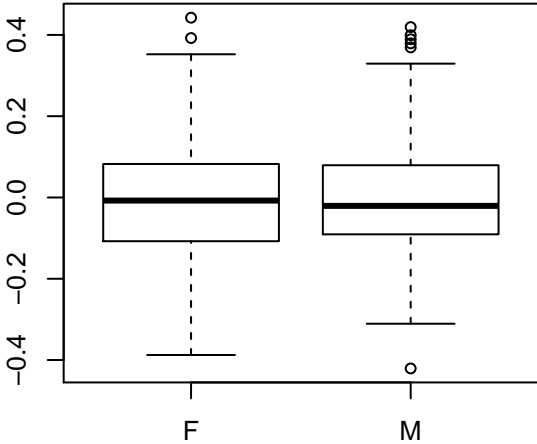
**Cardio.Echo.LVPW\_d – raw (outliers remov  
(n = 442 )**



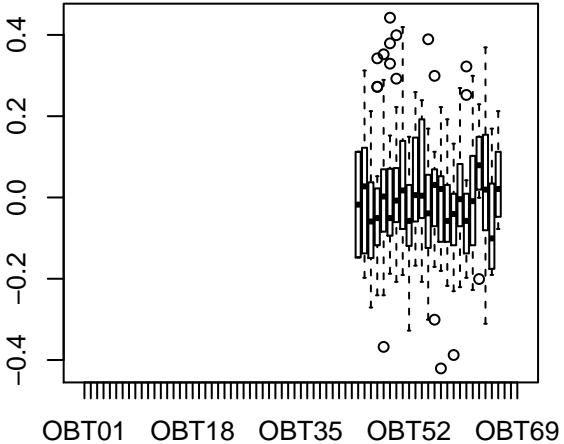
**Residuals (n = 437 )**



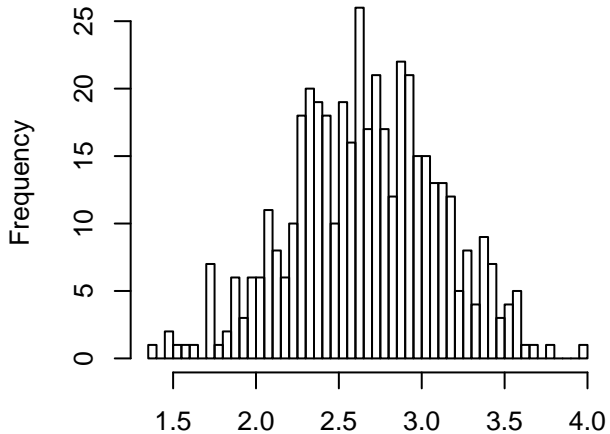
**Residuals**



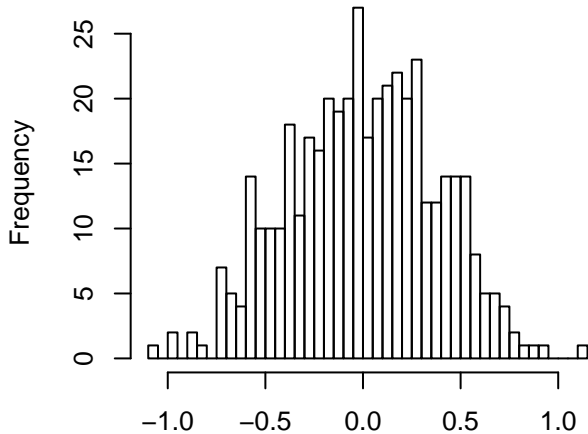
**Residuals**



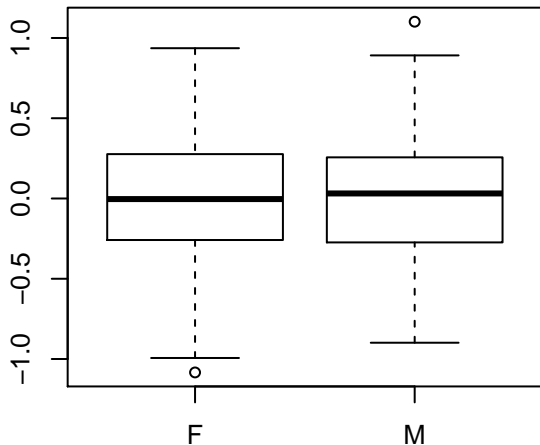
**Cardio.Echo.LVID\_s - raw (outliers remove  
(n = 445 )**



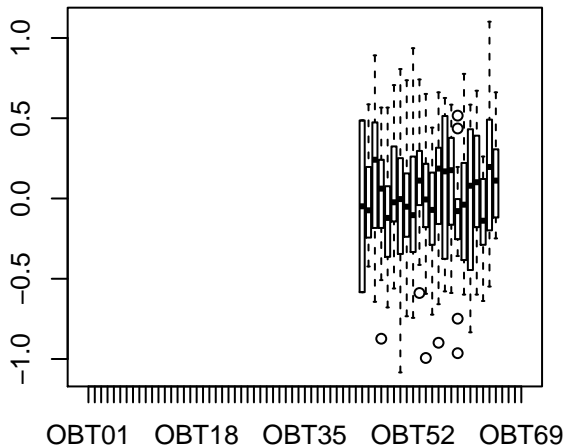
**Residuals (n = 431 )**



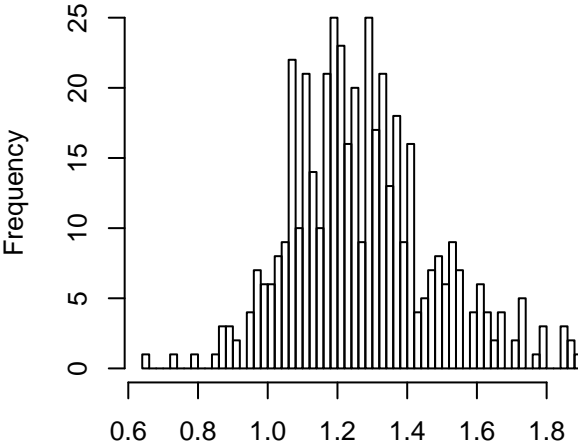
**Residuals**



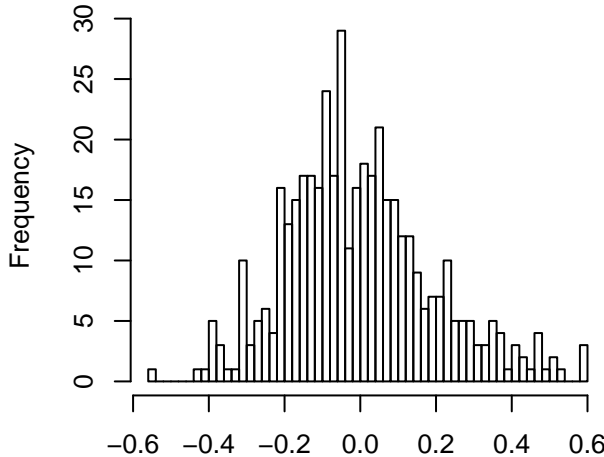
**Residuals**



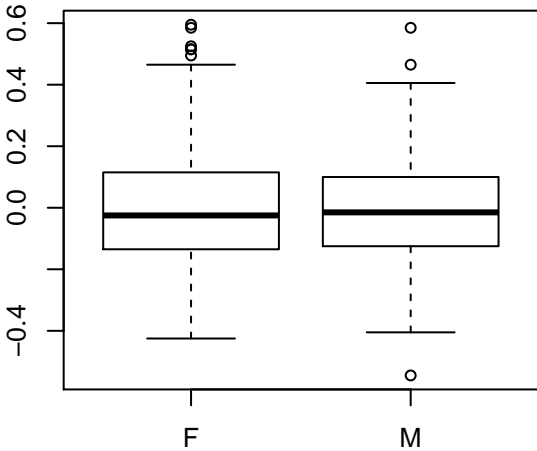
**Cardio.Echo.LVPW\_s – raw (outliers remov  
(n = 445 )**



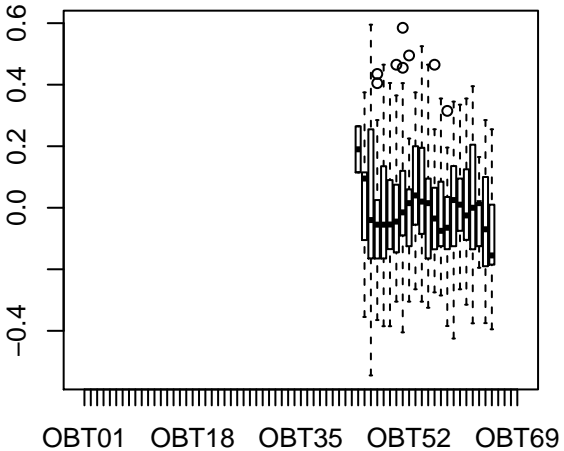
**Residuals (n = 429 )**



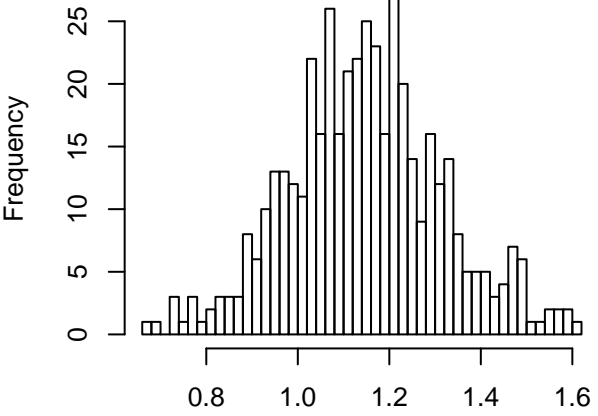
**Residuals**



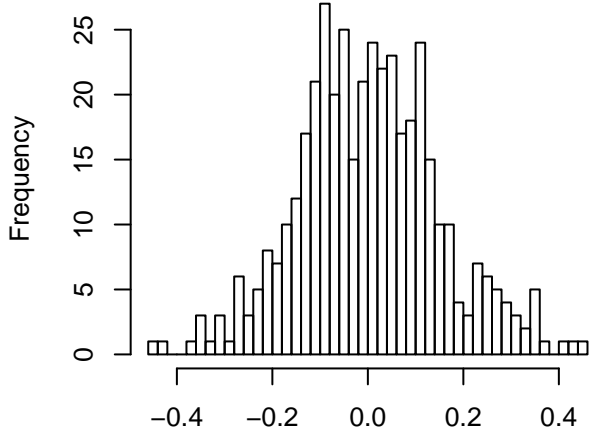
**Residuals**



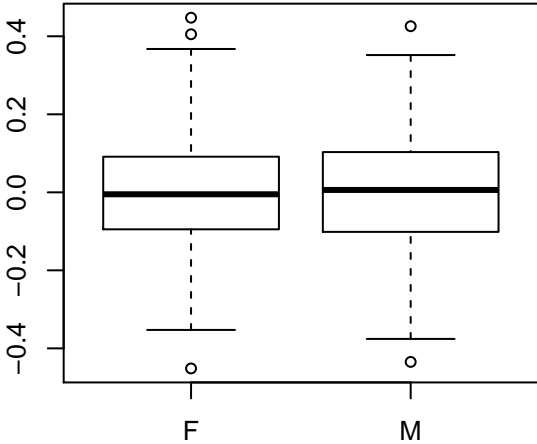
**Cardio.Echo.LVAW\_d – raw (outliers remov  
(n = 446 )**



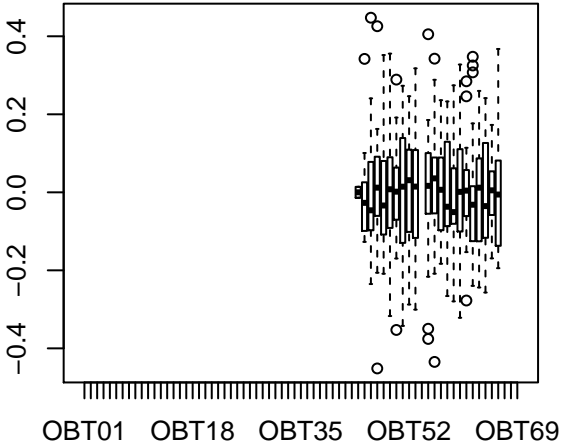
**Residuals (n = 414 )**



**Residuals**

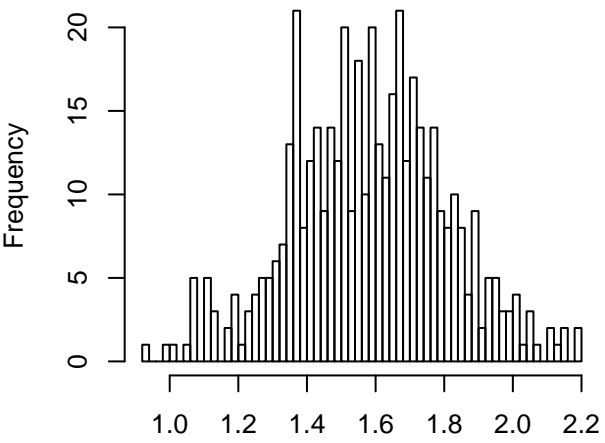


**Residuals**

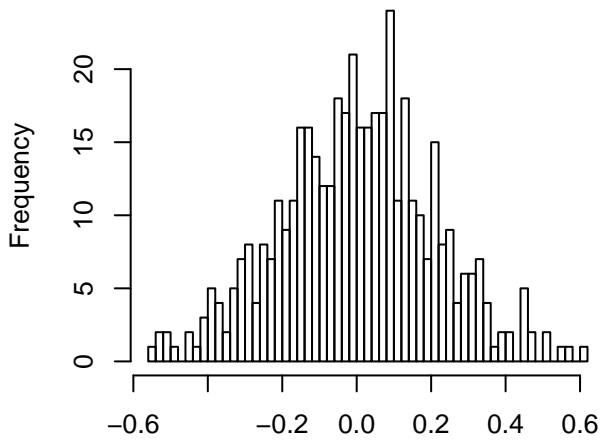




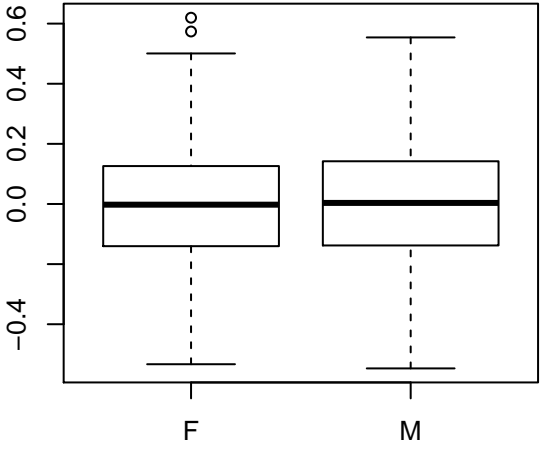
**Cardio.Echo.LVAW\_s - raw (outliers remov  
(n = 445 )**



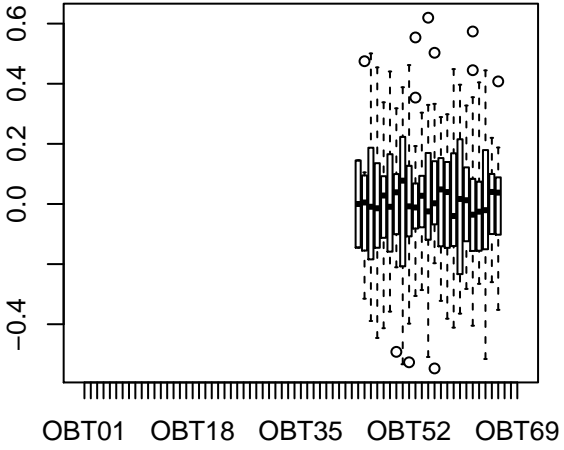
**Residuals (n = 442 )**



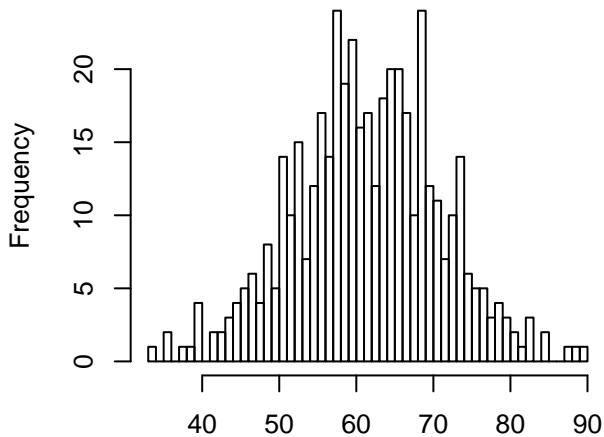
**Residuals**



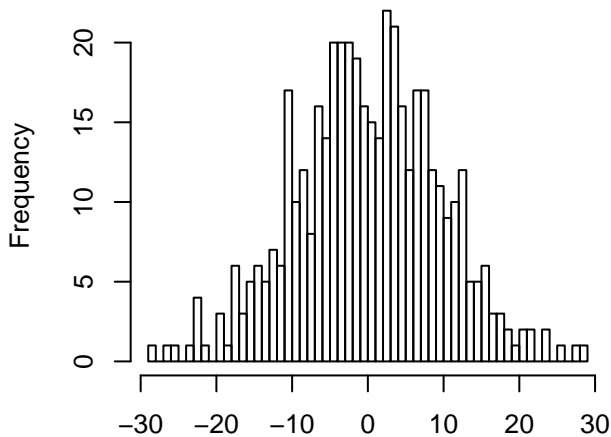
**Residuals**



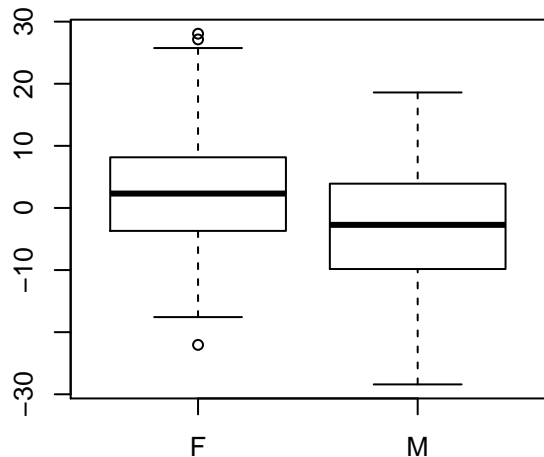
**Cardio.Echo.EF.percent - raw (outliers remo  
(n = 447 )**



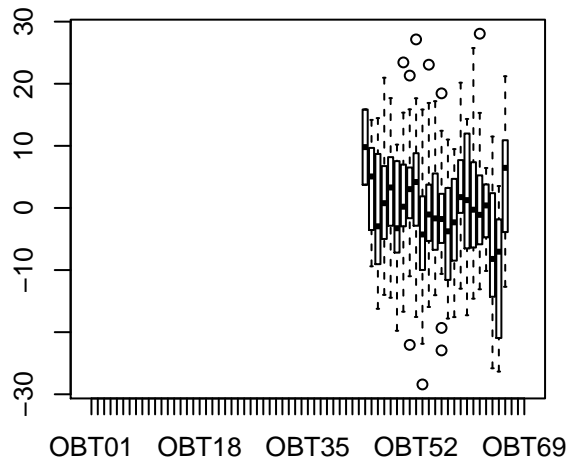
**Residuals (n = 445 )**



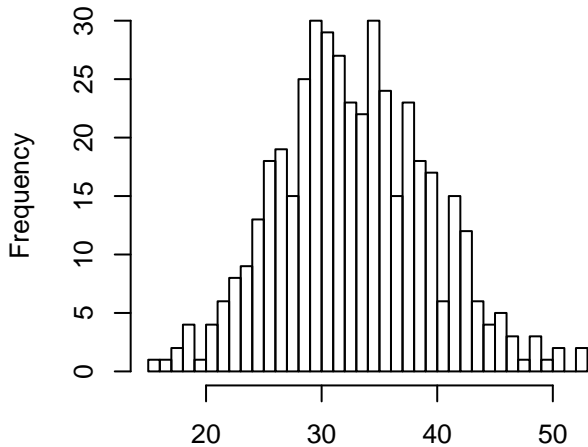
**Residuals**



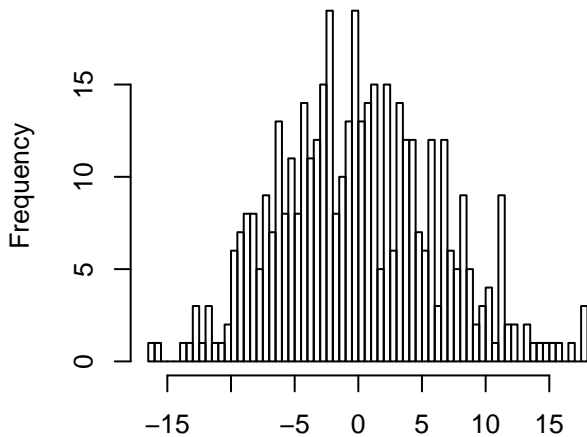
**Residuals**



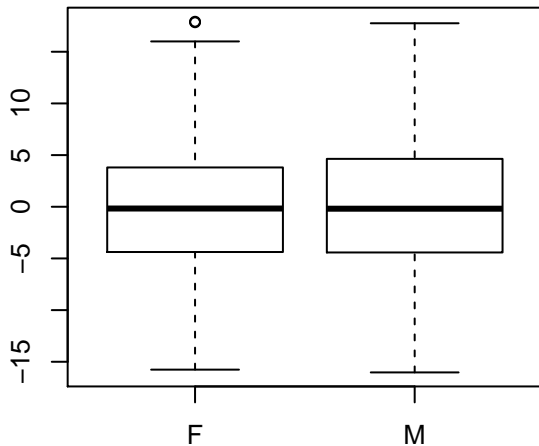
**Cardio.Echo.FS.percent - raw (outliers remo  
(n = 444)**



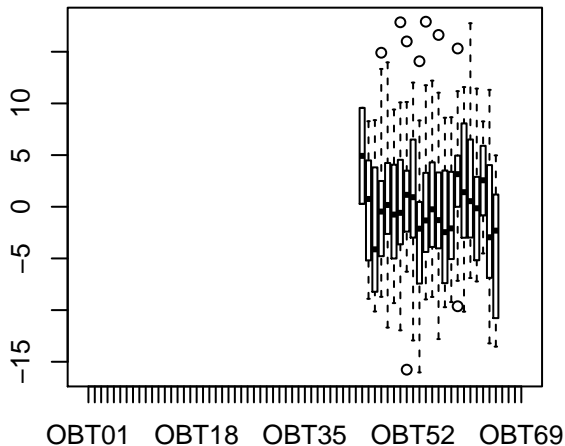
**Residuals (n = 431)**



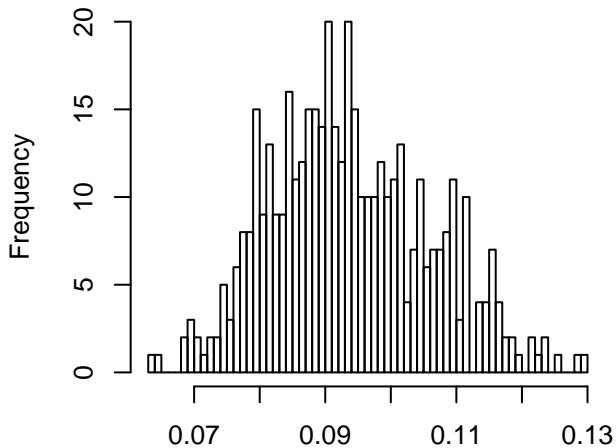
**Residuals**



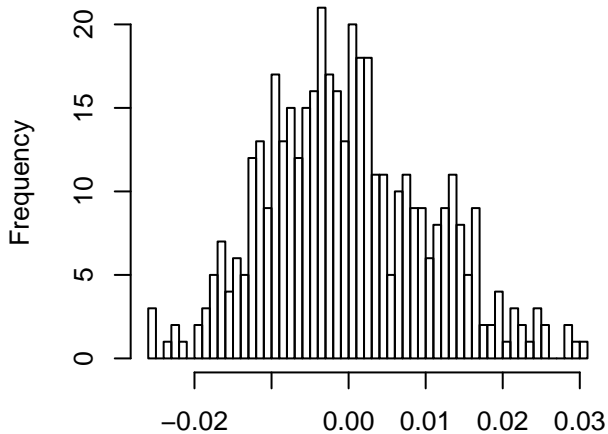
**Residuals**



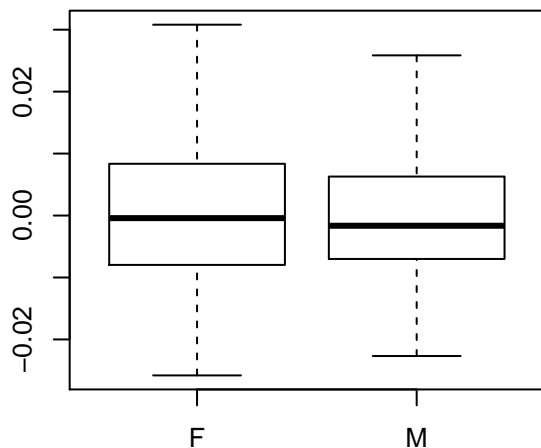
Cardio.Echo.LVID\_d.BW - raw (outliers remc  
(n = 445 )



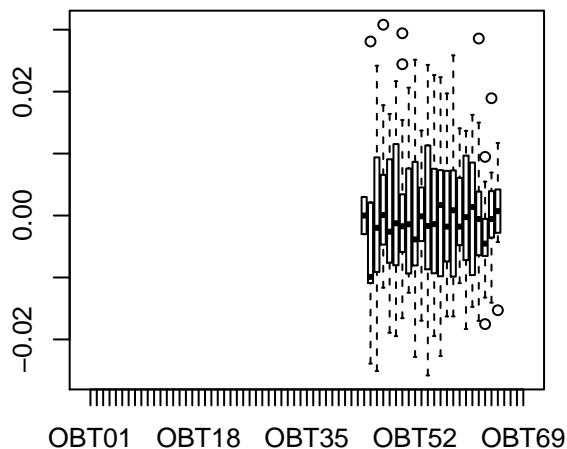
Residuals (n = 430 )



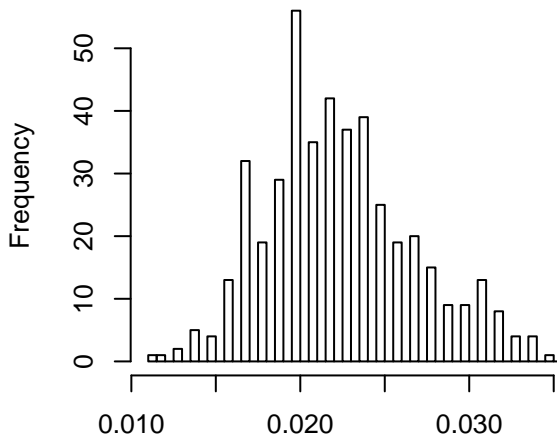
Residuals



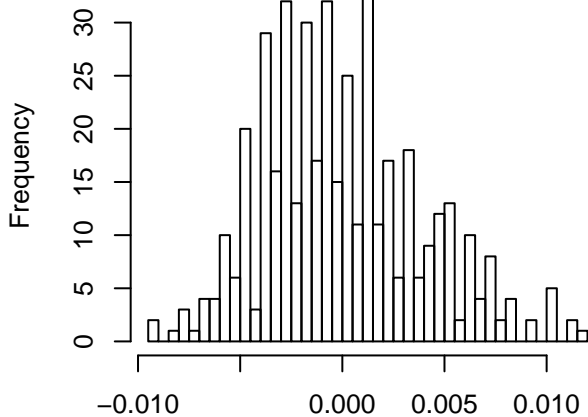
Residuals



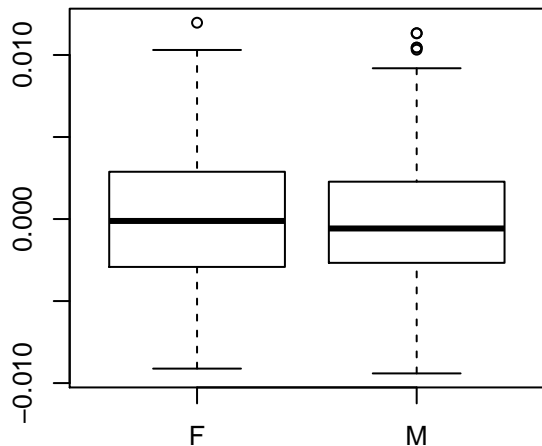
radio.Echo.LVPW\_d.BW - raw (outliers rem.)  
(n = 443)



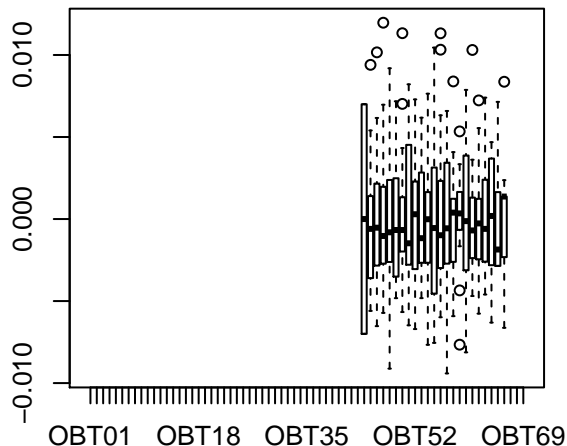
Residuals (n = 439)



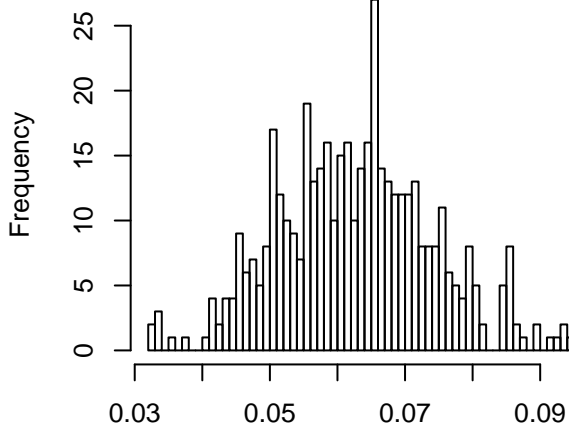
Residuals



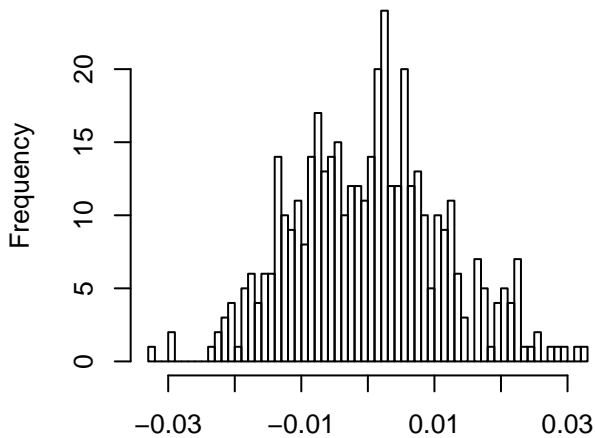
Residuals



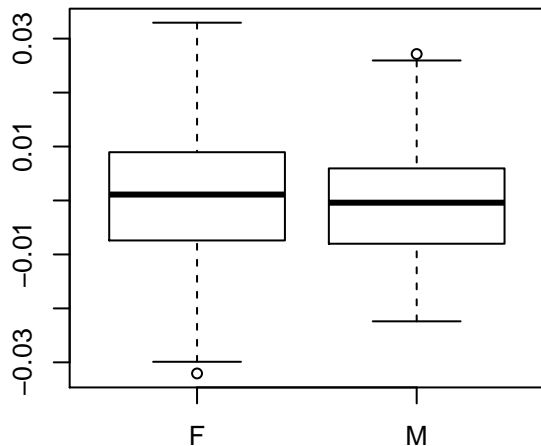
**Cardio.Echo.LVID\_s.BW - raw (outliers remc  
(n = 448 )**



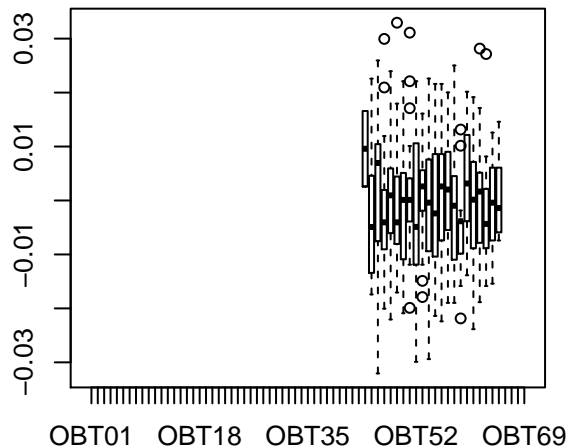
**Residuals (n = 434 )**



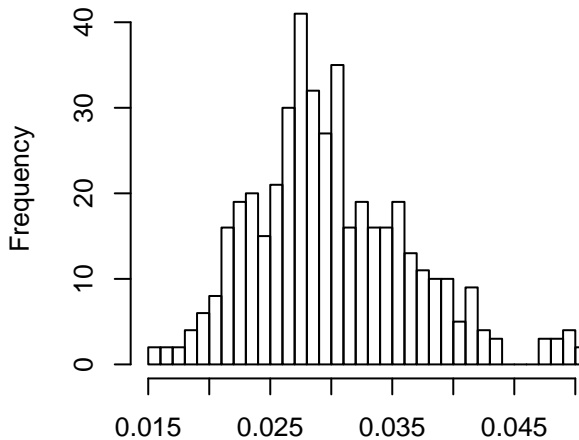
**Residuals**



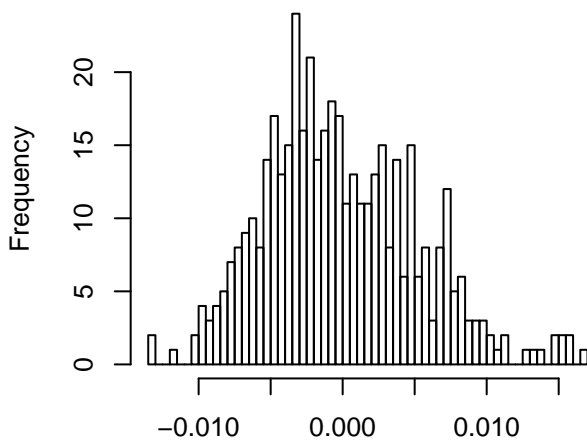
**Residuals**



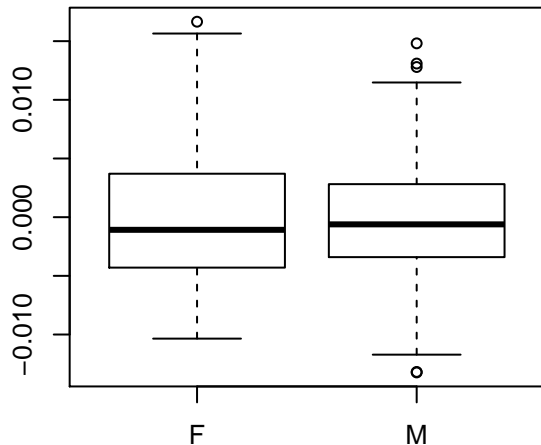
cardio.Echo.LVPW\_s.BW - raw (outliers rem)  
(n = 443)



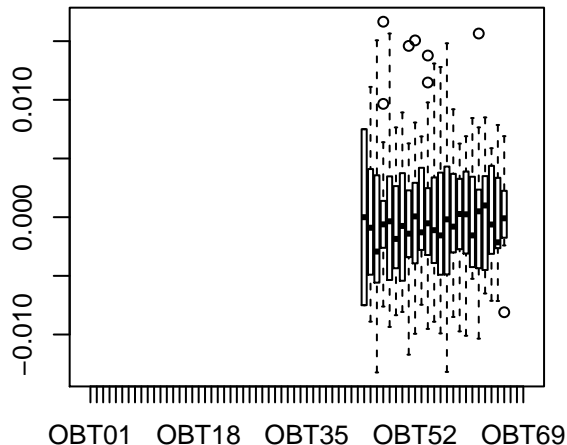
Residuals (n = 437)



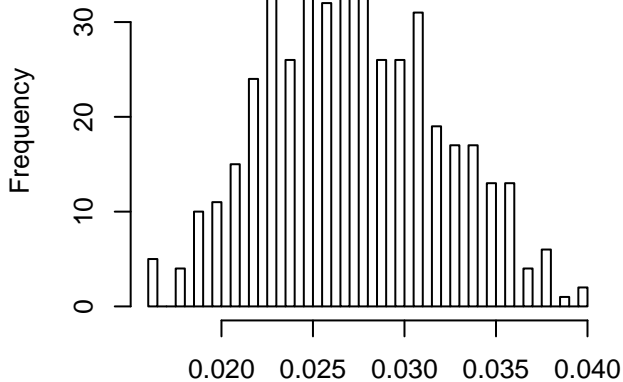
Residuals



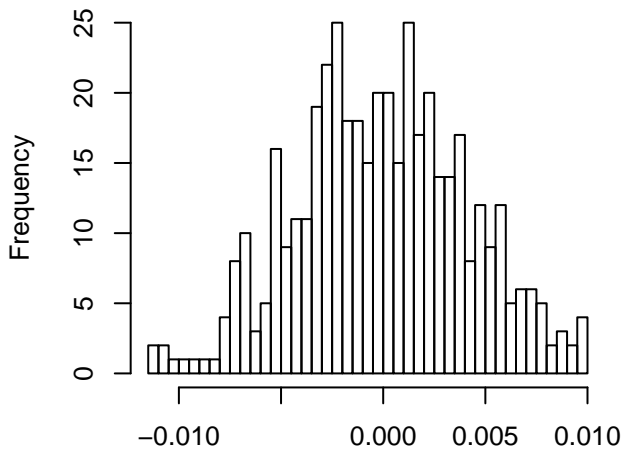
Residuals



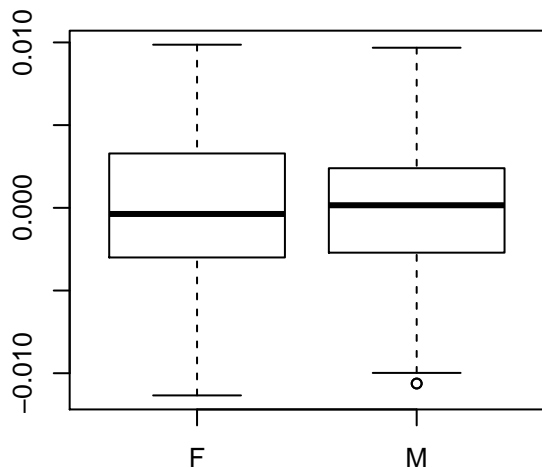
Cardio.Echo.LVAW\_d.BW - raw (outliers rem)  
(n = 444)



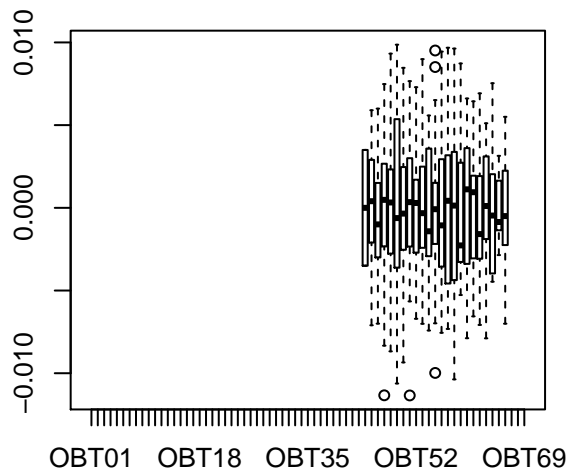
Residuals (n = 439)



Residuals

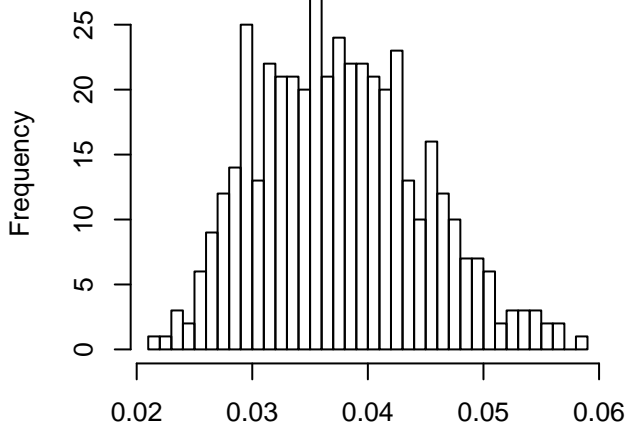


Residuals

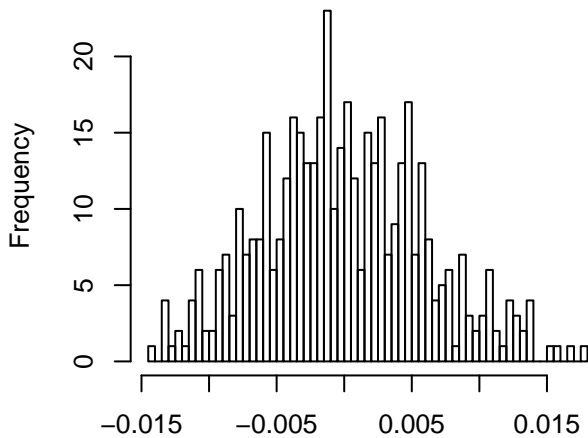




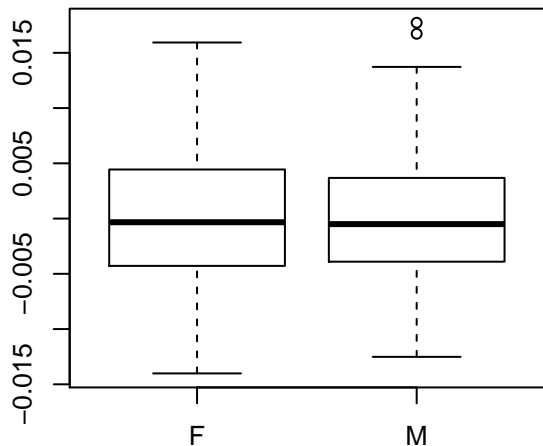
Cardio.Echo.LVAW\_s.BW - raw (outliers rem)  
(n = 447)



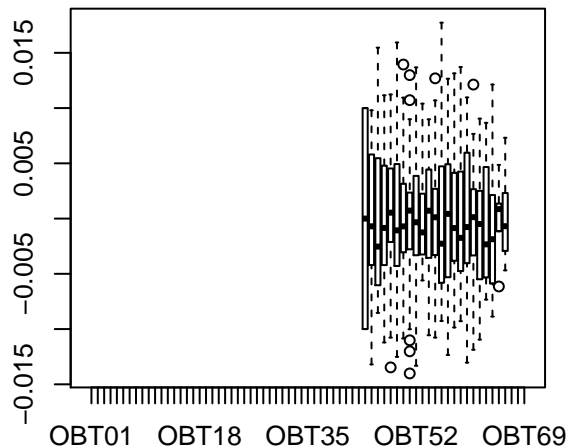
Residuals (n = 443)



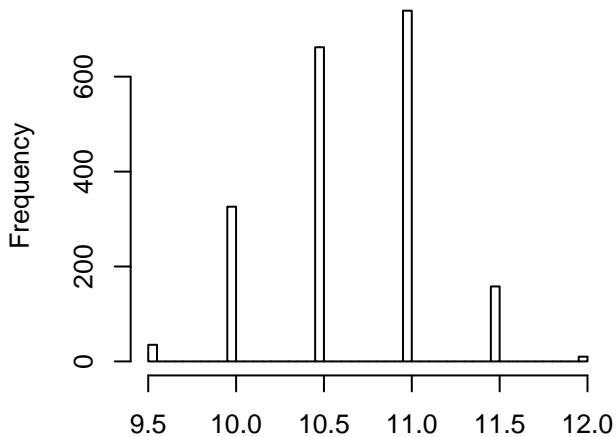
Residuals



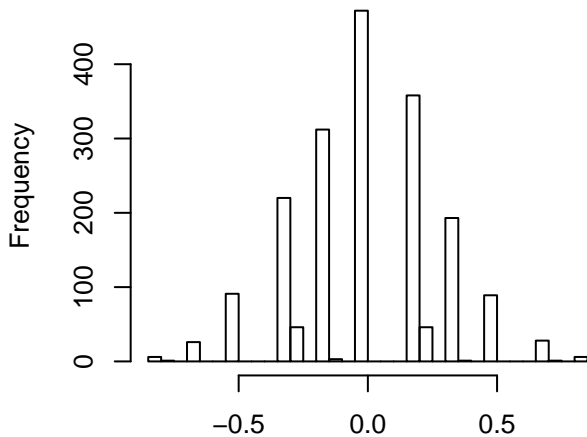
Residuals



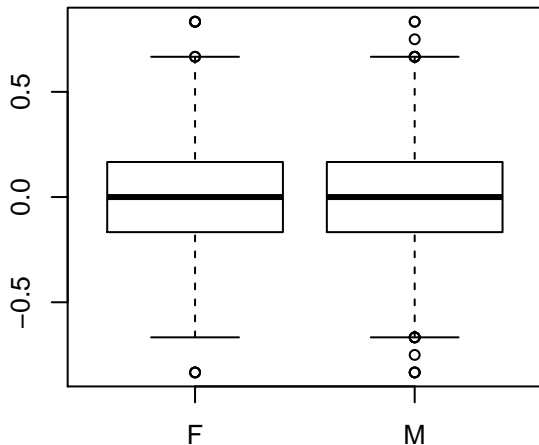
**Diss.Body.Length – raw (outliers remove  
(n = 1930 )**



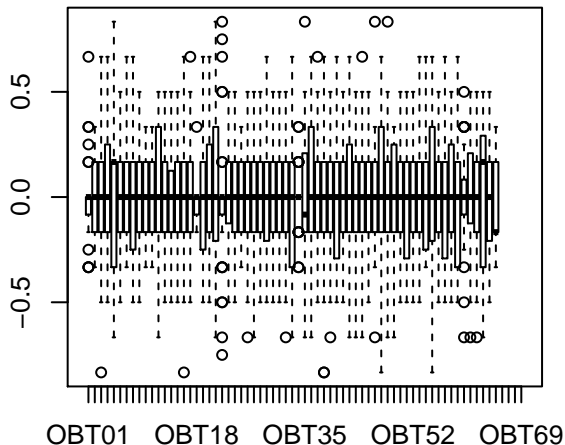
**Residuals (n = 1899 )**



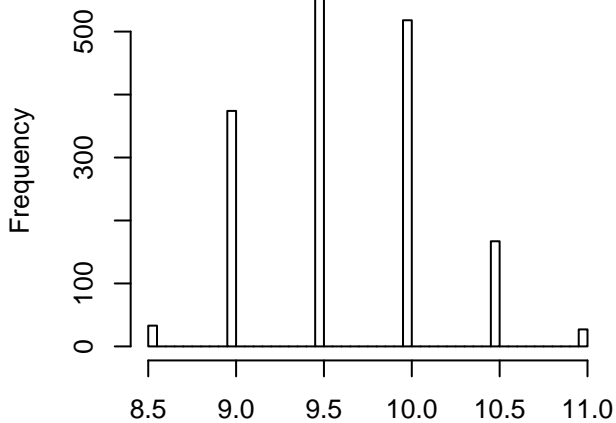
**Residuals**



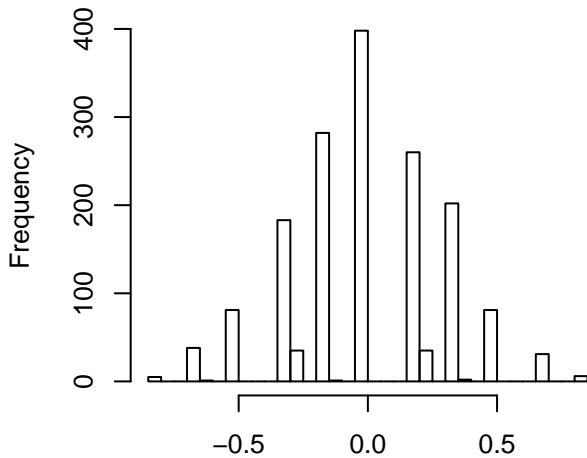
**Residuals**



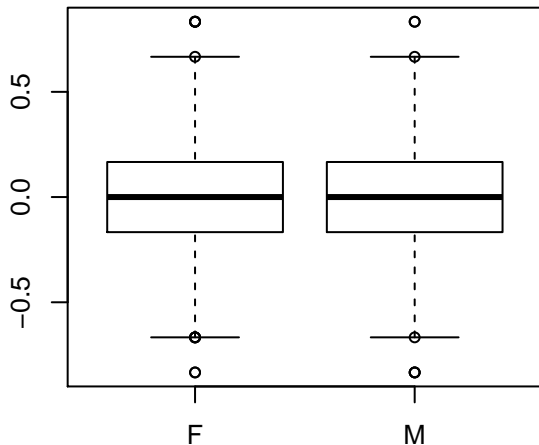
**Diss.Tail.Length – raw (outliers removed  
(n = 1676 )**



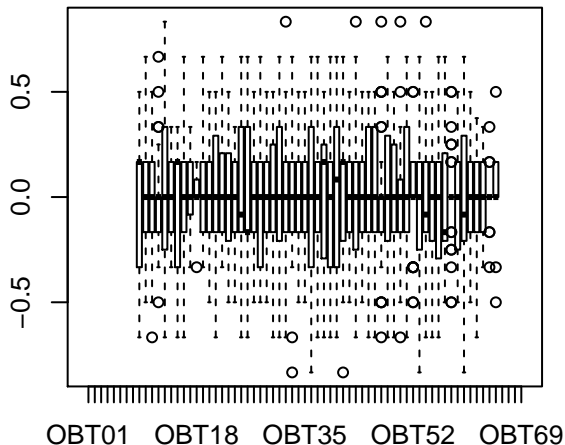
**Residuals (n = 1641 )**



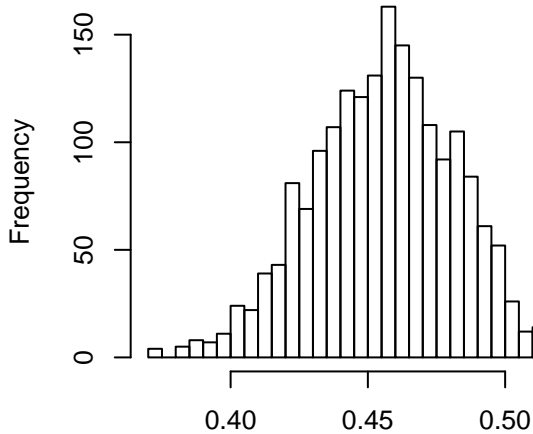
**Residuals**



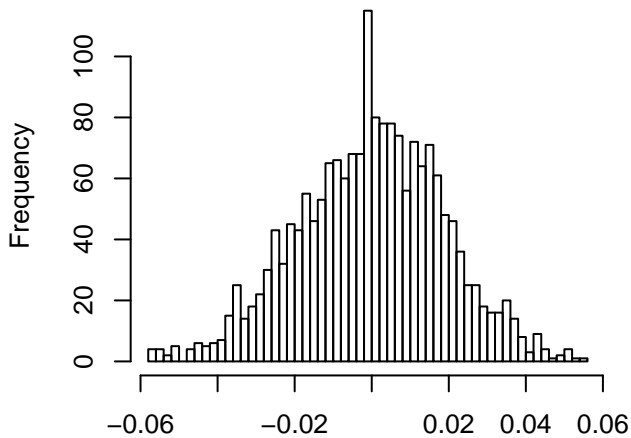
**Residuals**



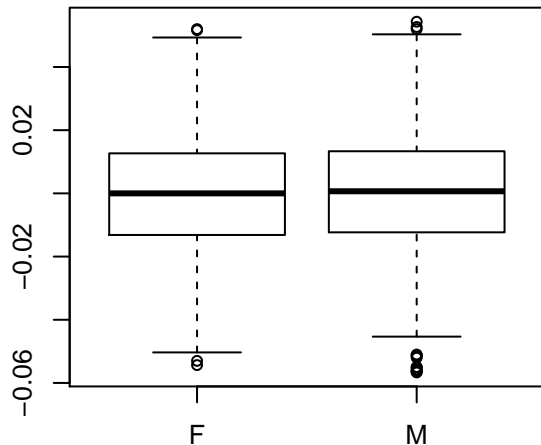
**Diss.Brain.Weight - raw (outliers remove  
(n = 1897 )**



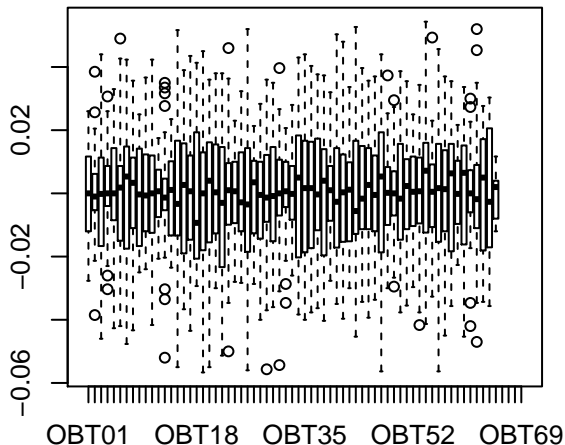
**Residuals (n = 1857 )**



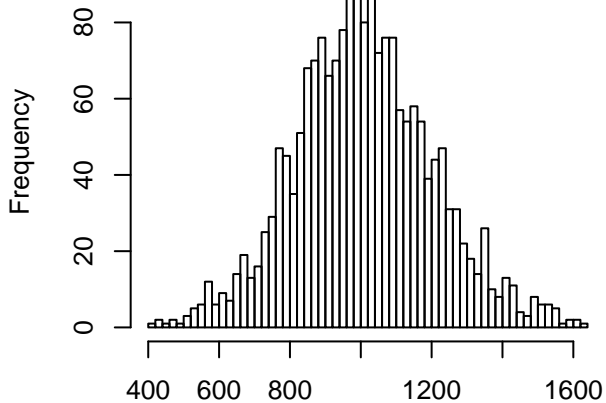
**Residuals**



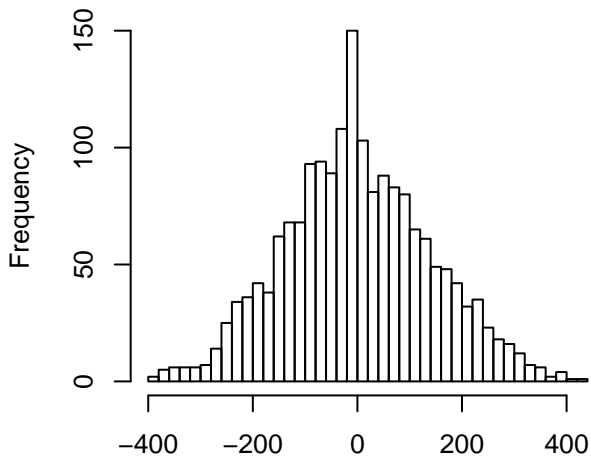
**Residuals**



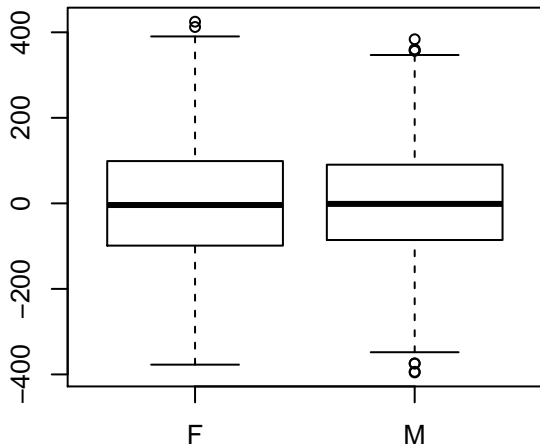
PM.ClosedArms.Distance - raw (outliers removed)  
(n = 1930)



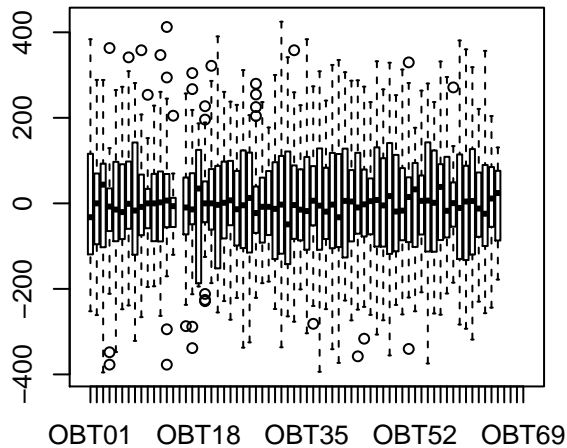
Residuals (n = 1810)



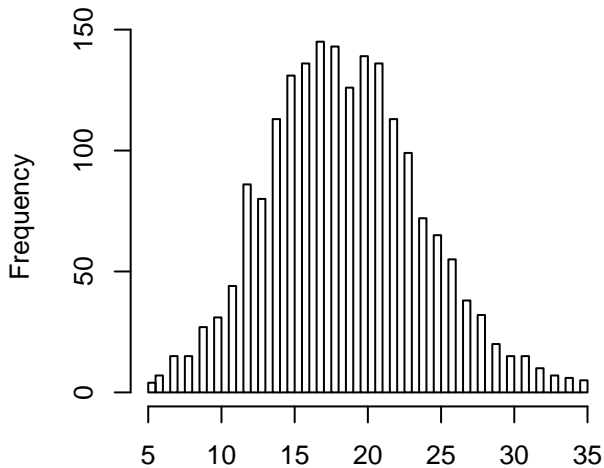
Residuals



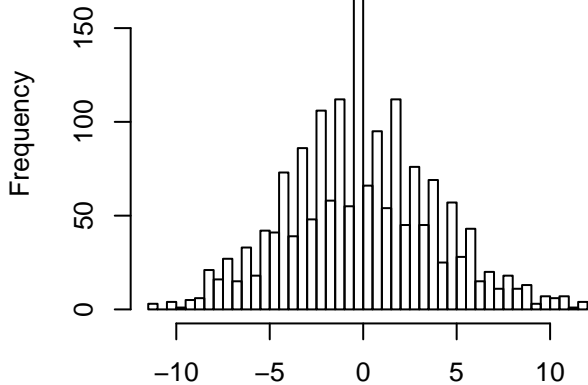
Residuals



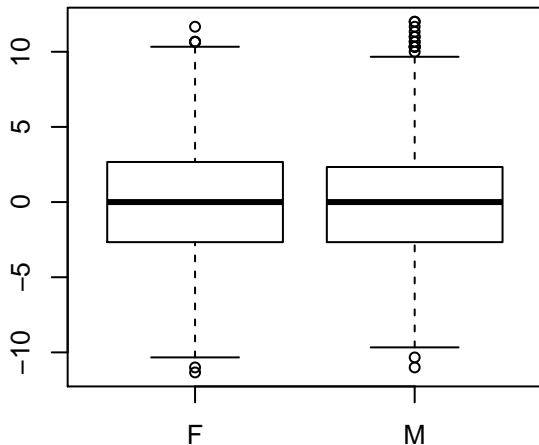
PM.ClosedArms.Entries – raw (outliers rem)  
(n = 1930)



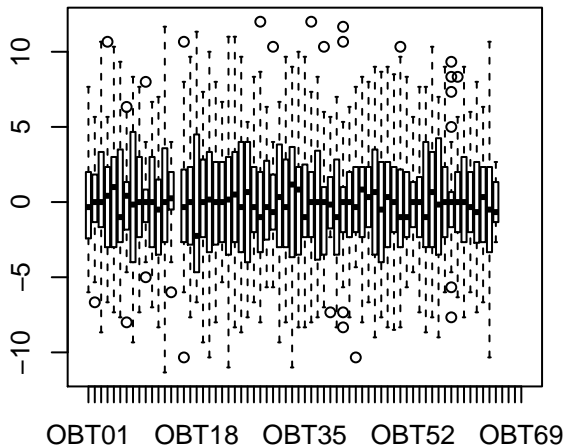
Residuals (n = 1827)



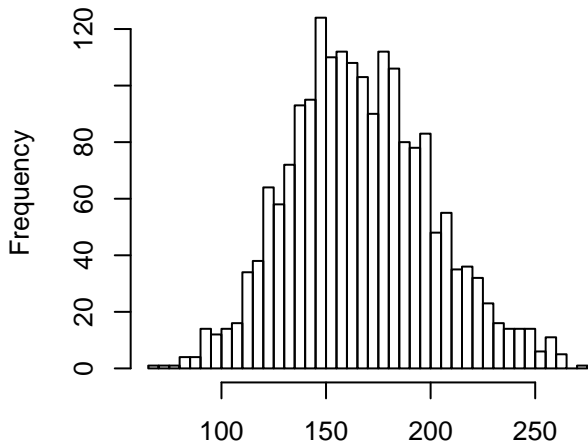
Residuals



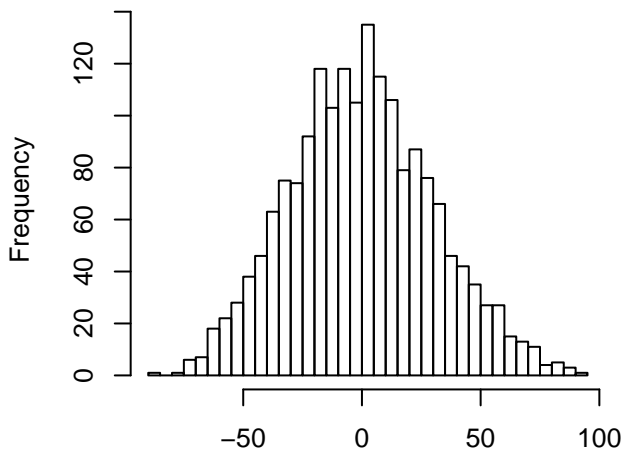
Residuals



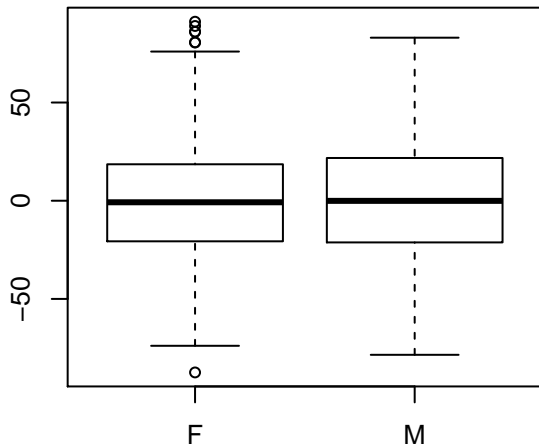
**EPM.ClosedArms.Time - raw (outliers remo  
(n = 1937 )**



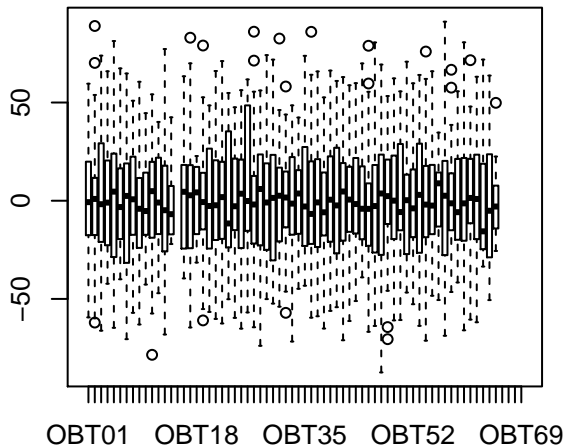
**Residuals (n = 1808 )**



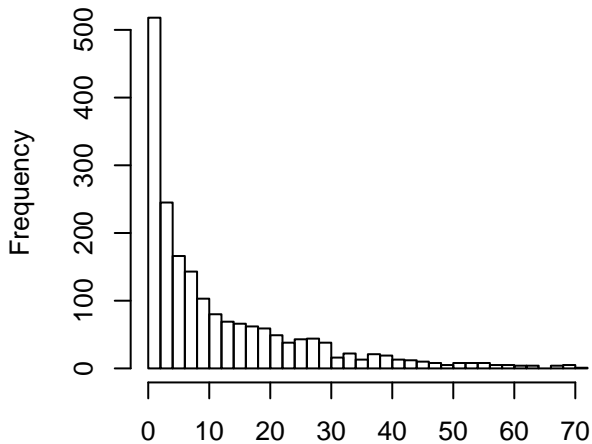
**Residuals**



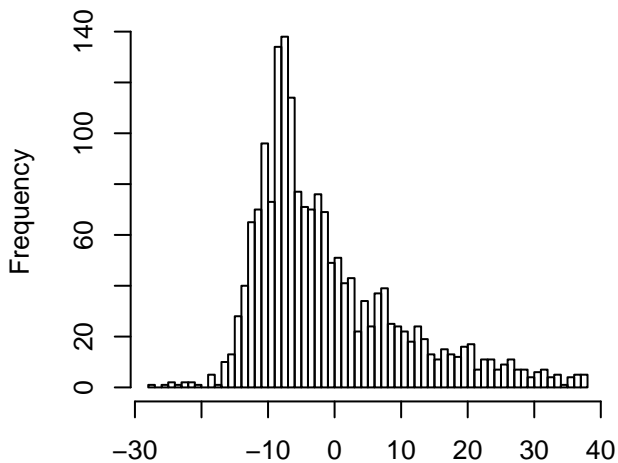
**Residuals**



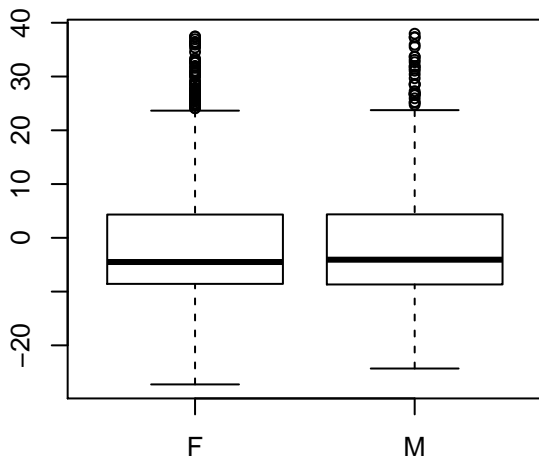
**PM.ClosedArms.Moving – raw (outliers rem  
(n = 1914 )**



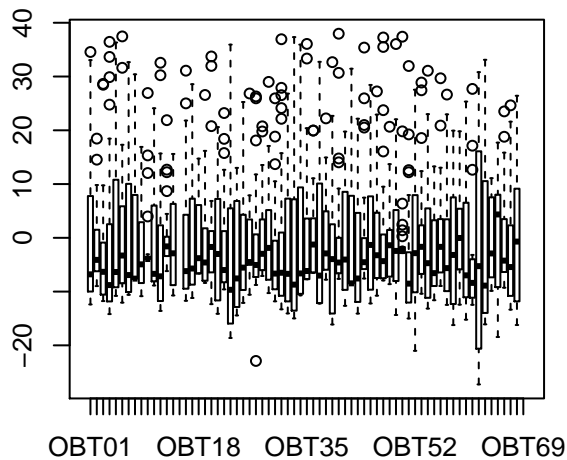
**Residuals (n = 1840 )**



**Residuals**

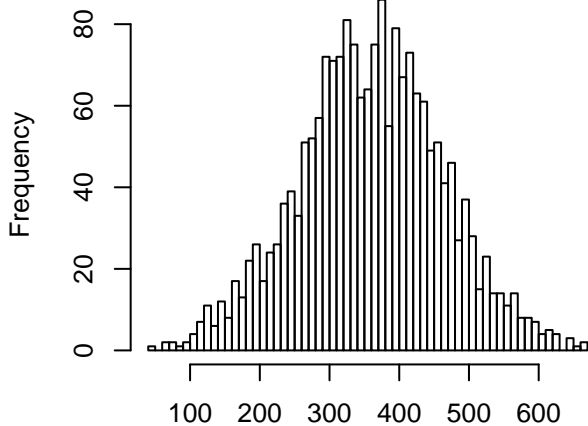


**Residuals**

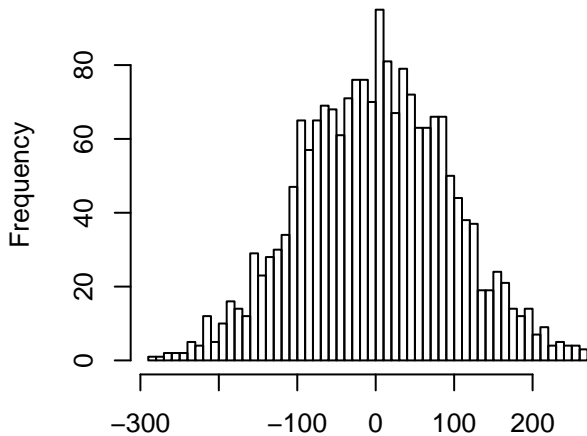




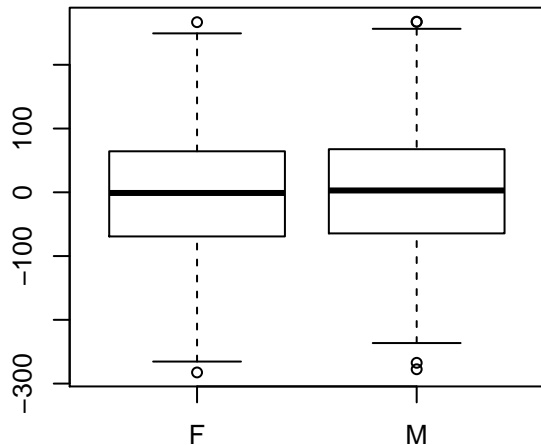
**EPM.Middle.Distance – raw (outliers remov  
(n = 1937 )**



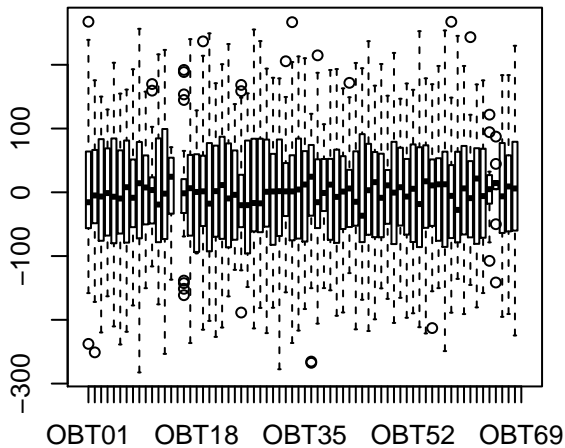
**Residuals (n = 1935 )**



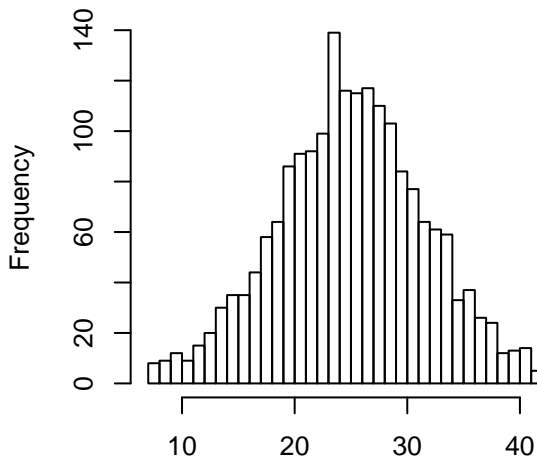
**Residuals**



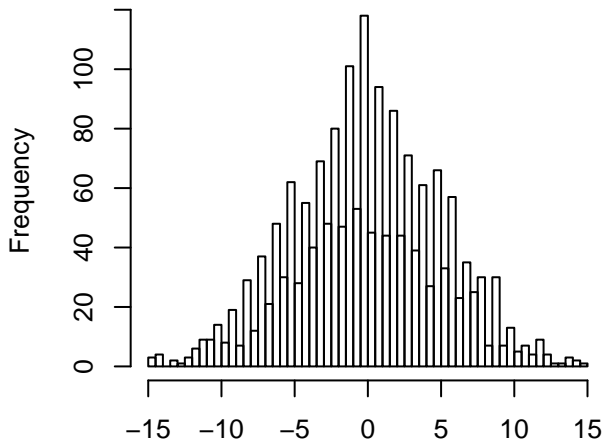
**Residuals**



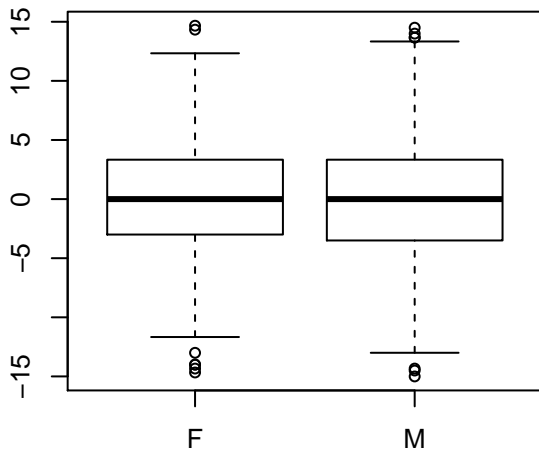
**EPM.Middle.Entries - raw (outliers remove  
(n = 1934 )**



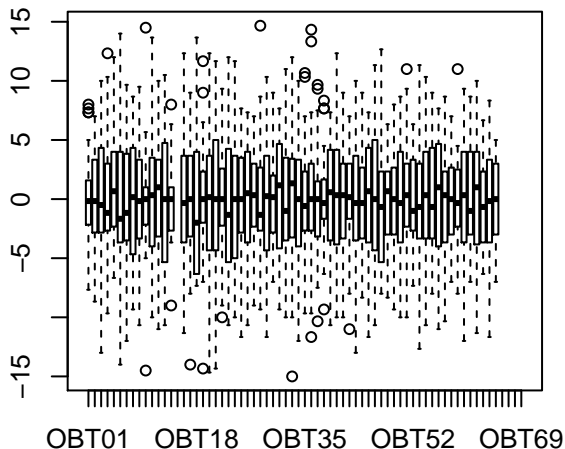
**Residuals (n = 1837 )**



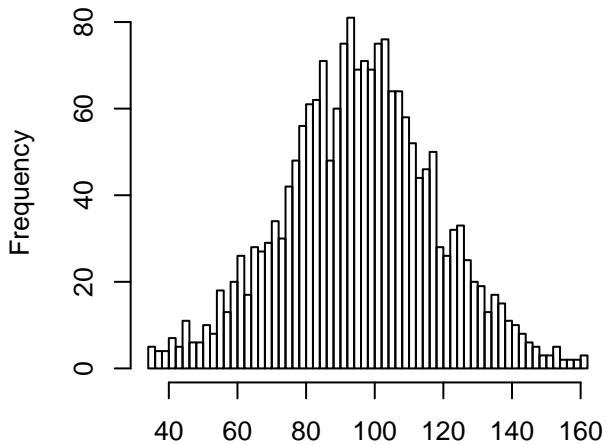
**Residuals**



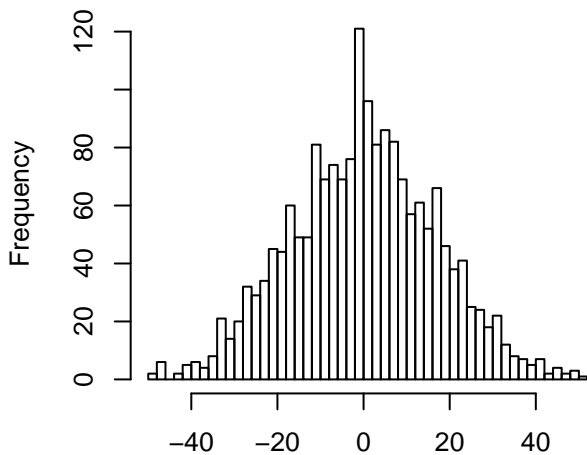
**Residuals**



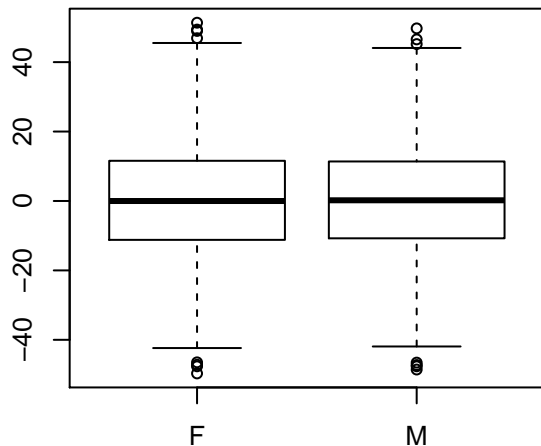
**EPM.Middle.Time - raw (outliers removed)**  
**(n = 1938)**



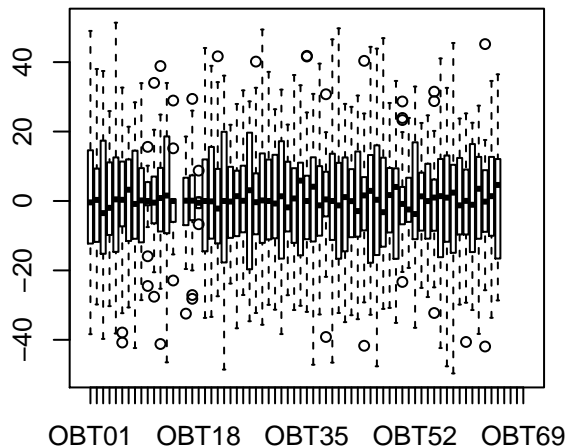
**Residuals (n = 1835)**



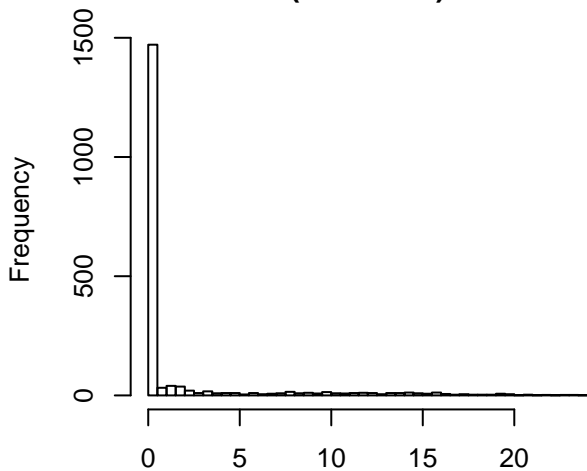
**Residuals**



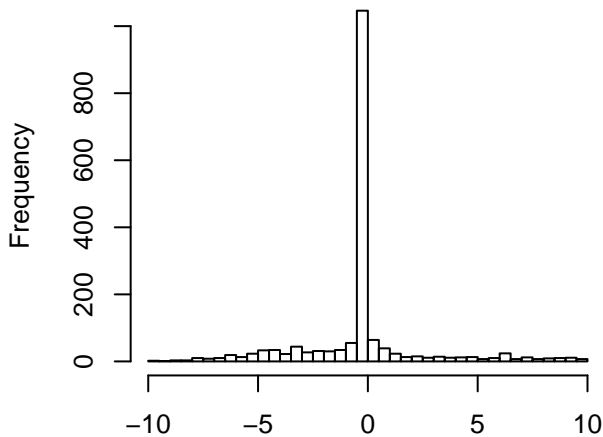
**Residuals**



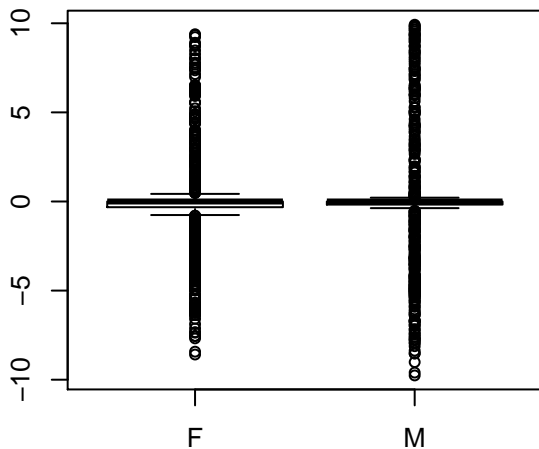
**EPM.Middle.Moving - raw (outliers remove)**  
**(n = 1909 )**



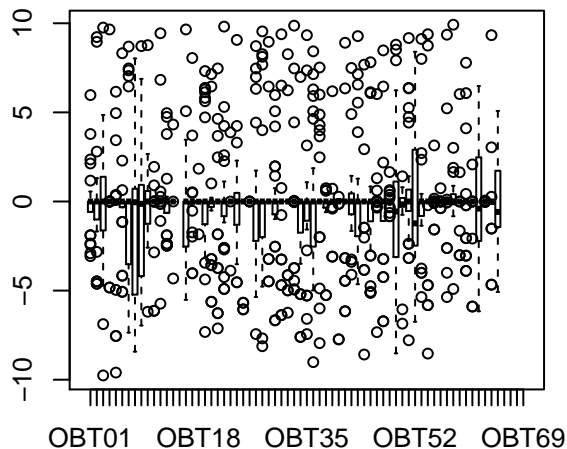
**Residuals (n = 1767 )**



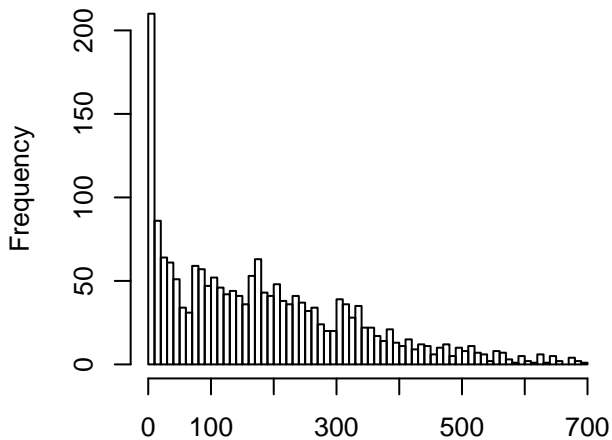
**Residuals**



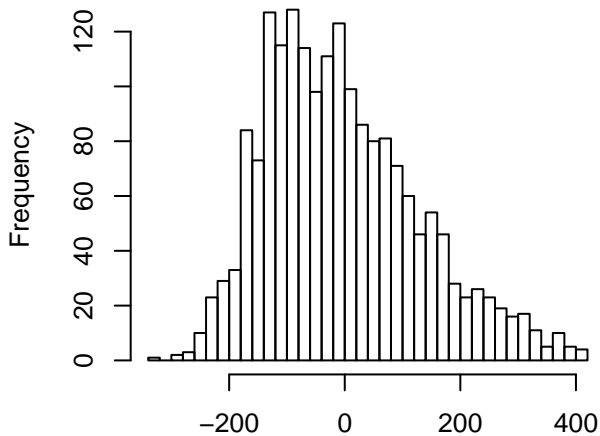
**Residuals**



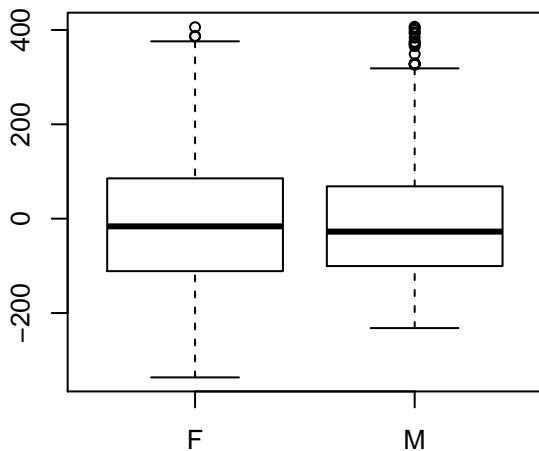
**PM.OpenArms.Distance – raw (outliers rem.)**  
**(n = 1921 )**



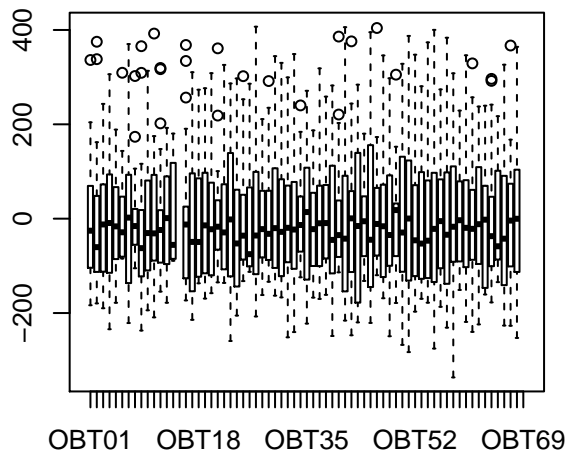
**Residuals (n = 1884 )**



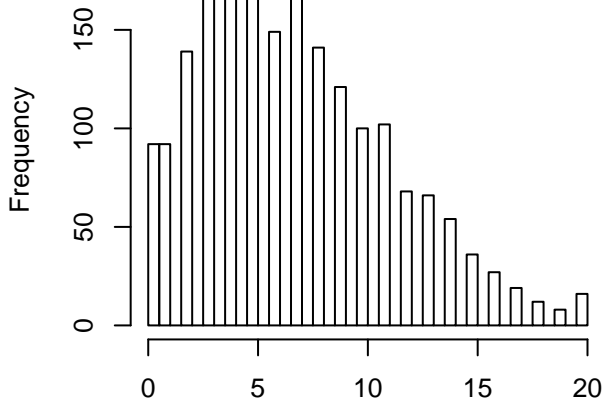
**Residuals**



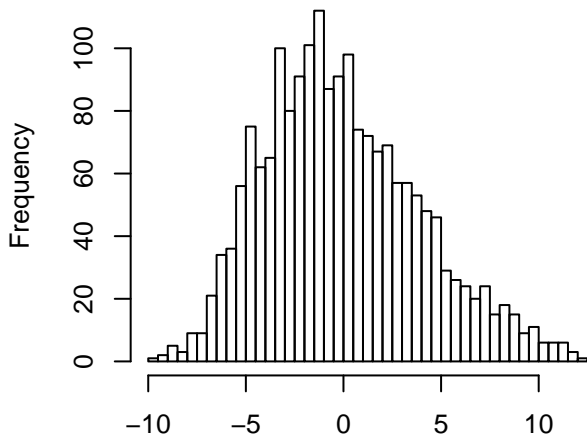
**Residuals**



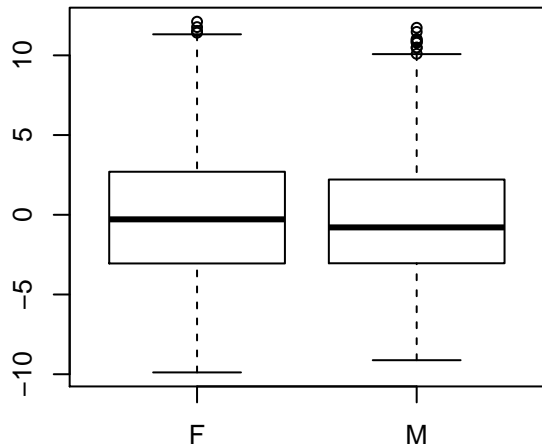
**EPM.OpenArms.Entries - raw (outliers remo  
(n = 1932 )**



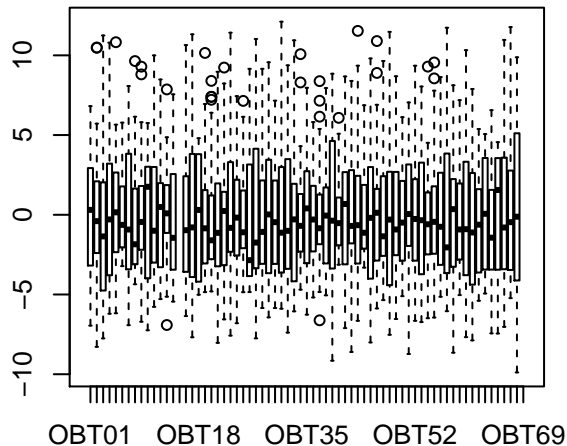
**Residuals (n = 1894 )**



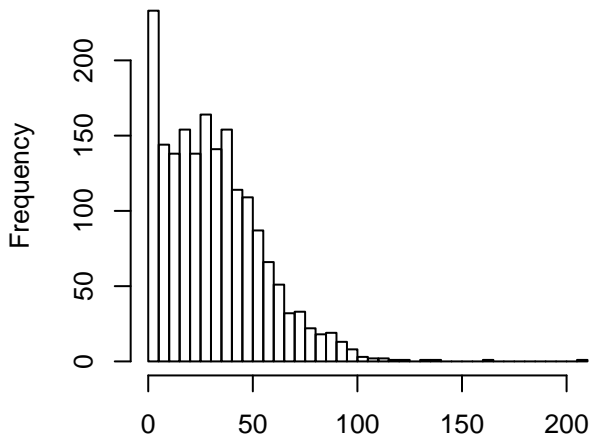
**Residuals**



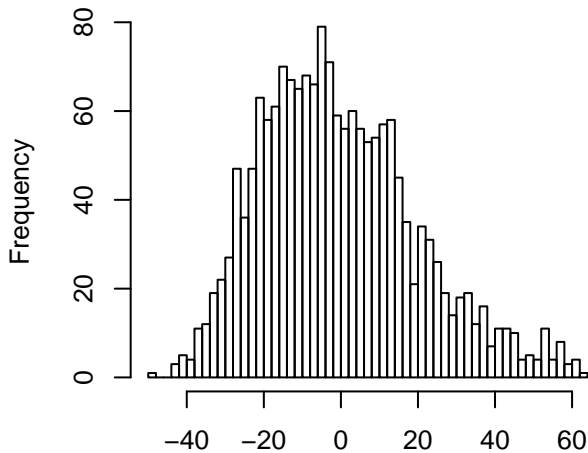
**Residuals**



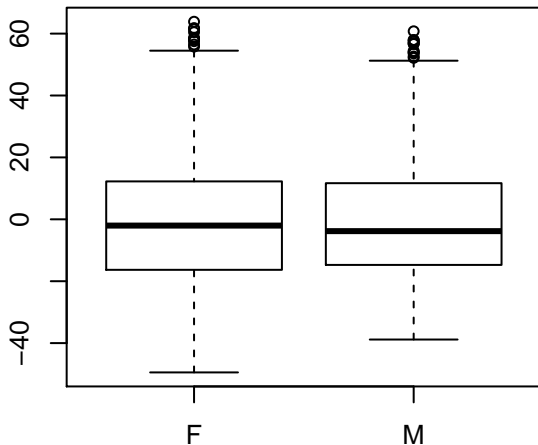
**EPM.OpenArms.Latency – raw (outliers remc  
(n = 1851 )**



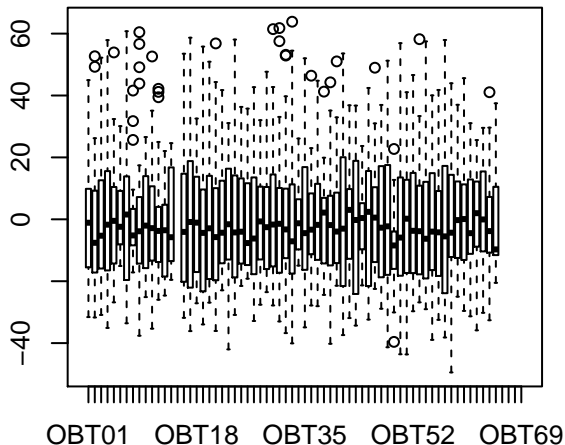
**Residuals (n = 1728 )**



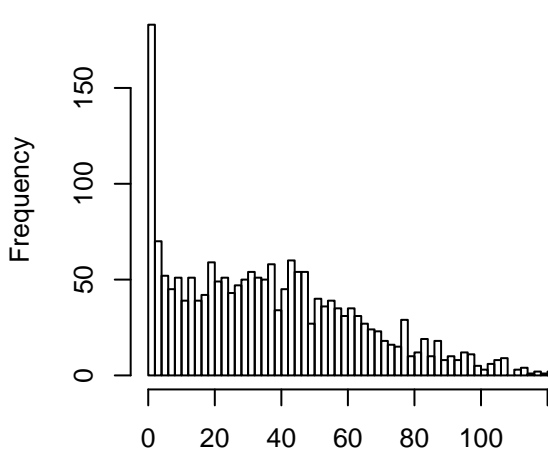
**Residuals**



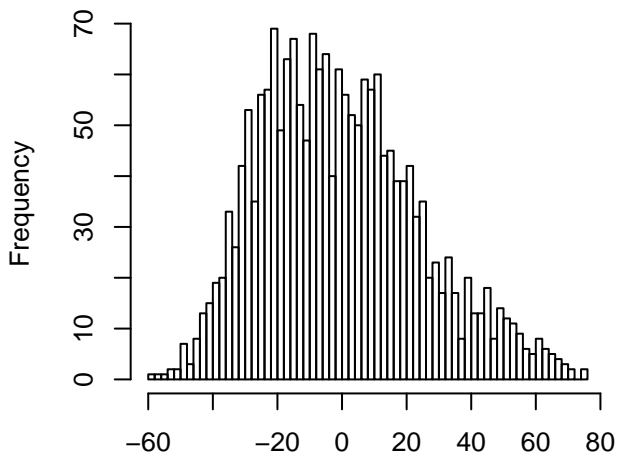
**Residuals**



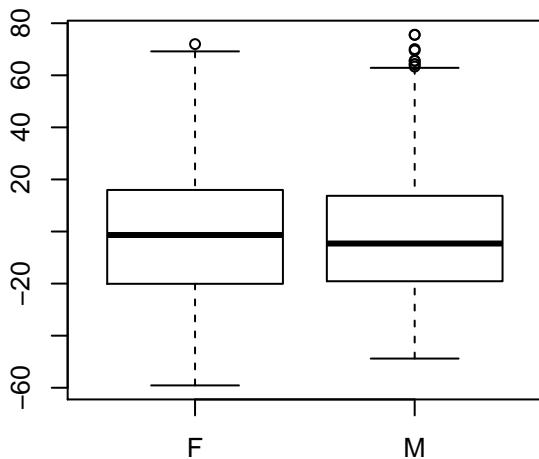
**EPM.OpenArms.Time - raw (outliers remov  
(n = 1927 )**



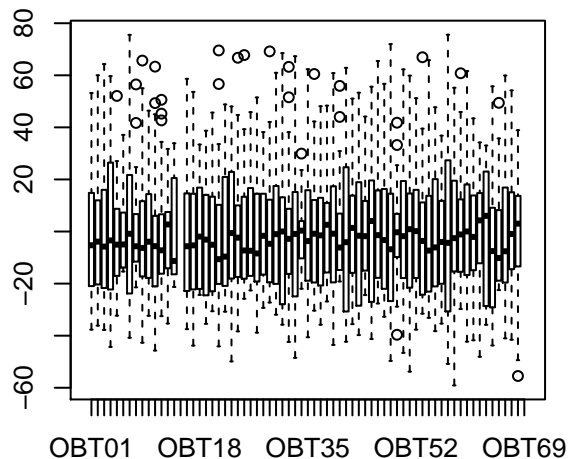
**Residuals (n = 1915 )**



**Residuals**

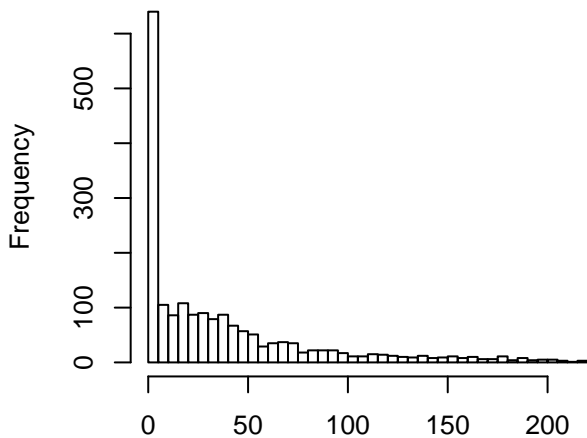


**Residuals**

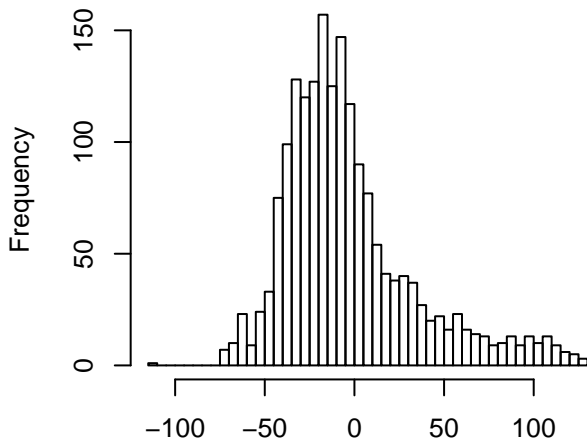




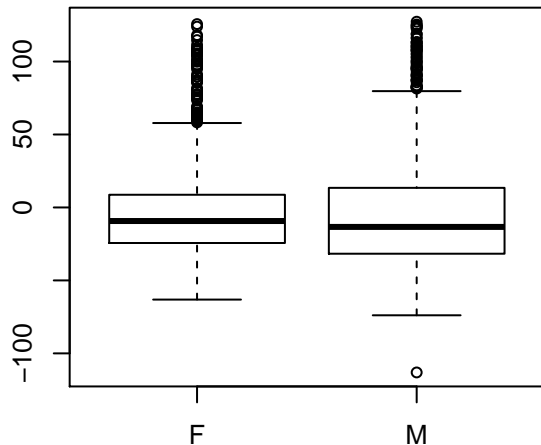
**EPM.OpenArms.Moving - raw (outliers remc  
(n = 1890 )**



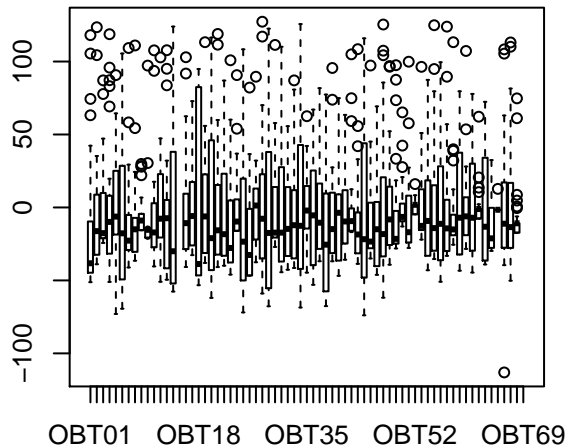
**Residuals (n = 1830 )**



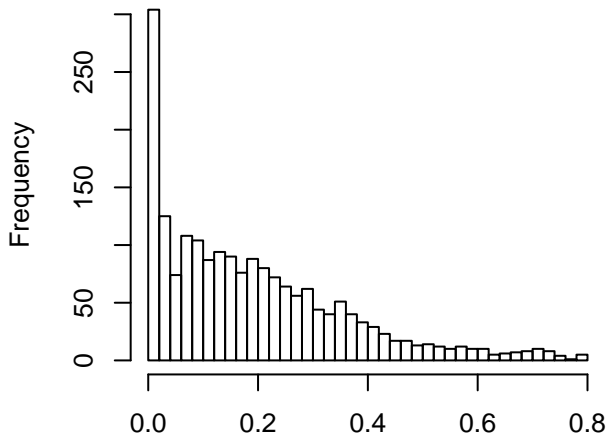
**Residuals**



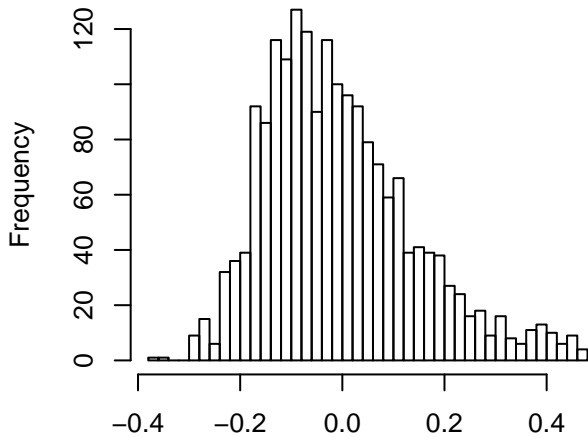
**Residuals**



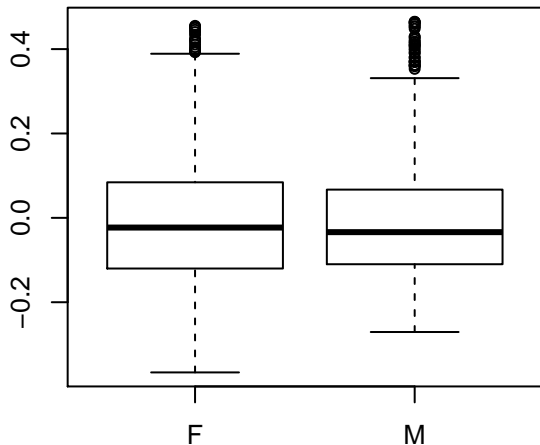
**M.OpenArms.DistanceRatio - raw (outliers re  
(n = 1913 )**



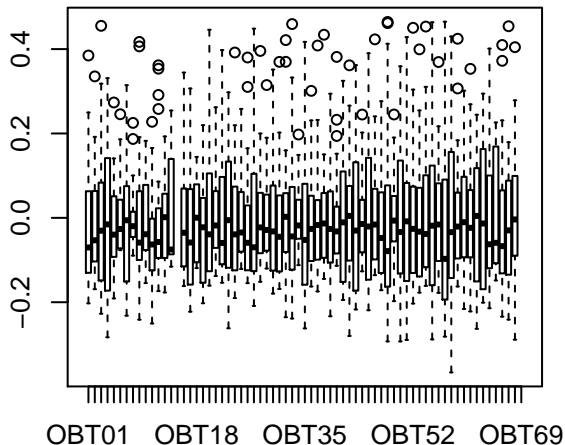
**Residuals (n = 1891 )**



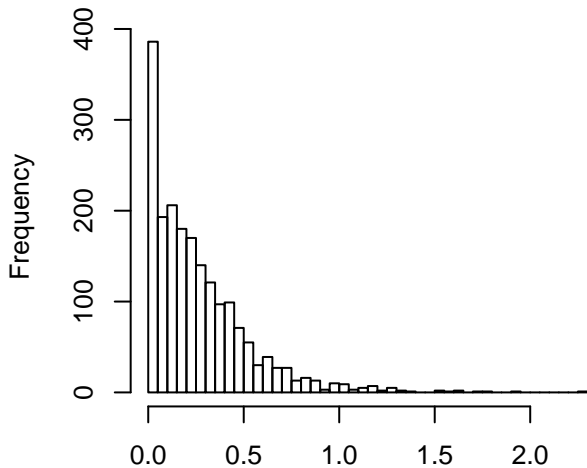
**Residuals**



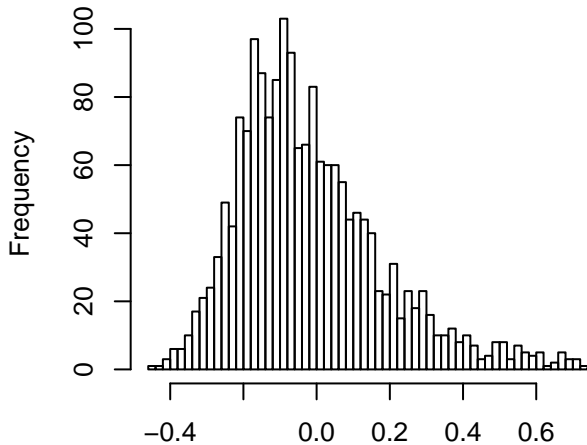
**Residuals**



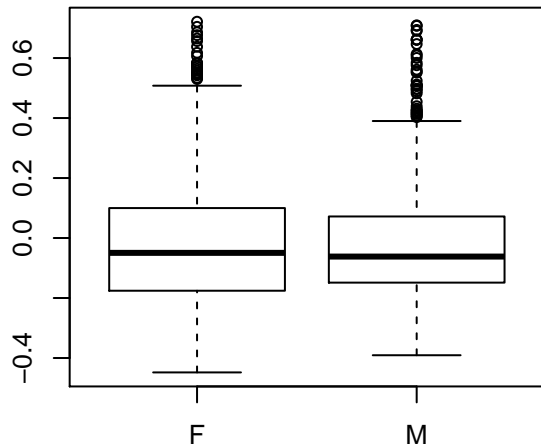
**PM.OpenArms.TimeRatio - raw (outliers rem  
(n = 1939 )**



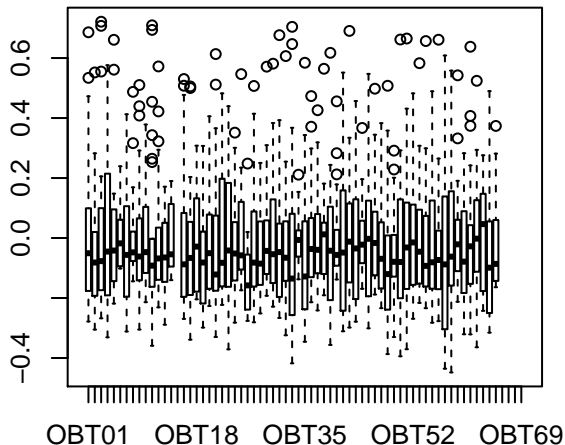
**Residuals (n = 1810 )**



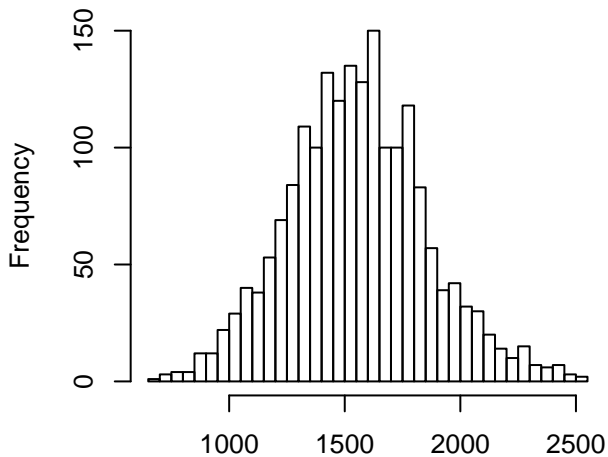
**Residuals**



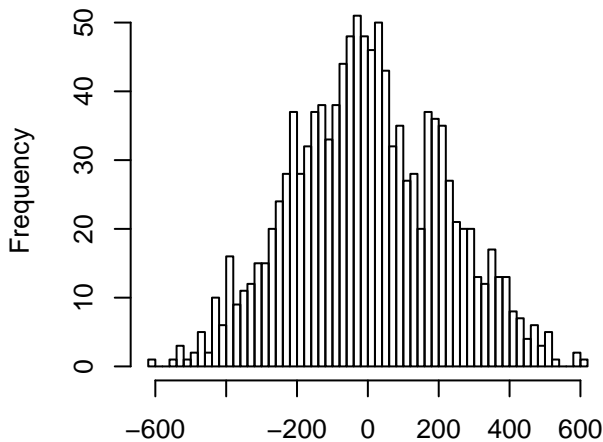
**Residuals**



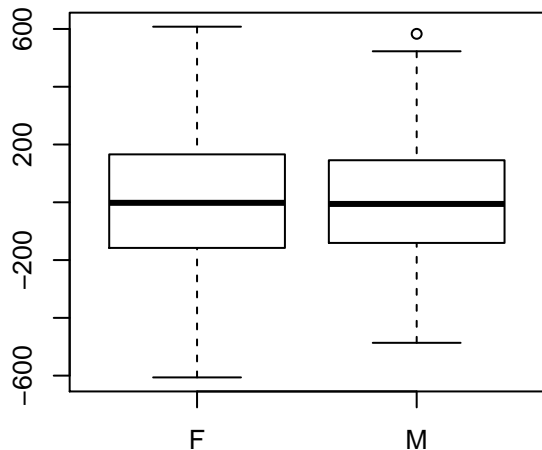
**EPM.Total.Distance - raw (outliers remove  
(n = 1930 )**



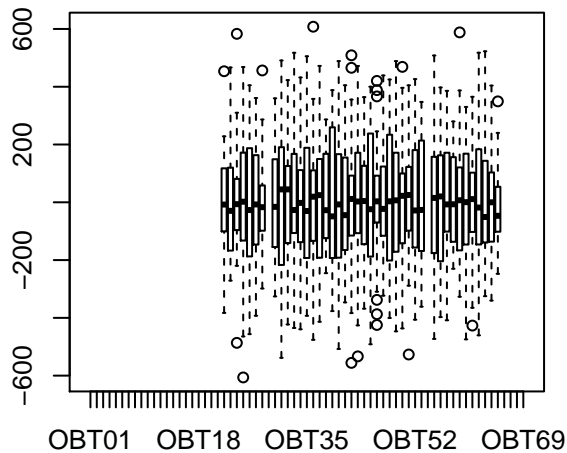
**Residuals (n = 1197 )**



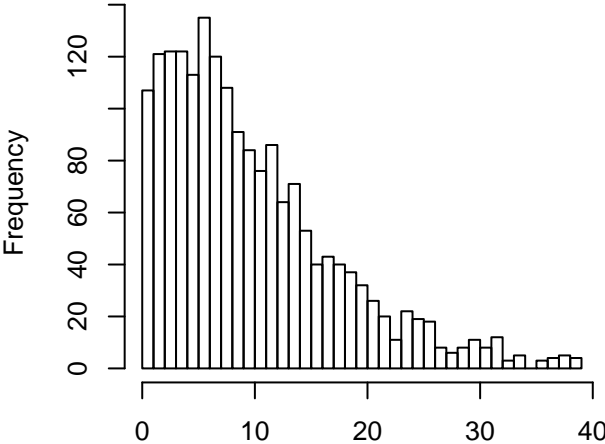
**Residuals**



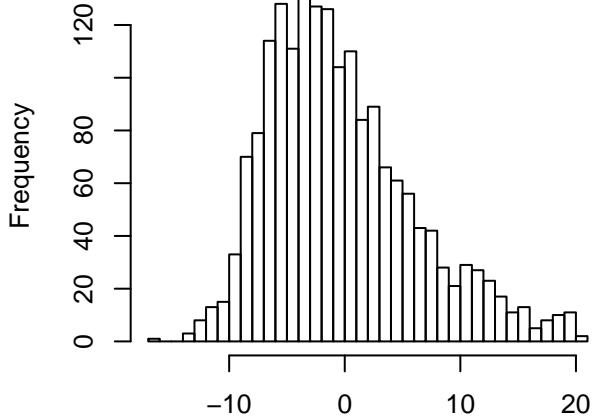
**Residuals**



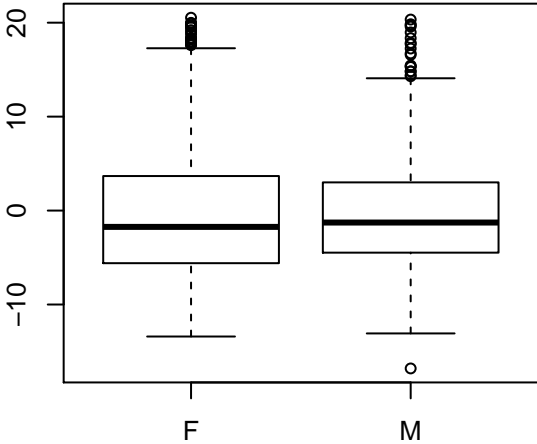
**FC.Training.Baseline - raw (outliers remov  
(n = 1858 )**



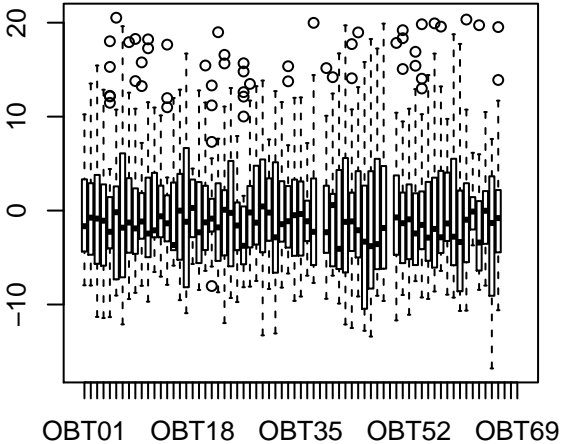
**Residuals (n = 1821 )**



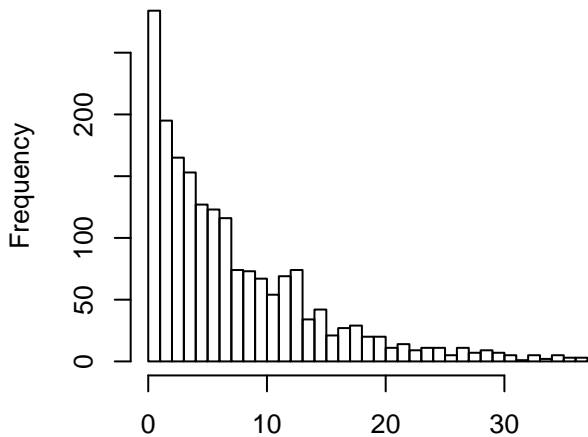
**Residuals**



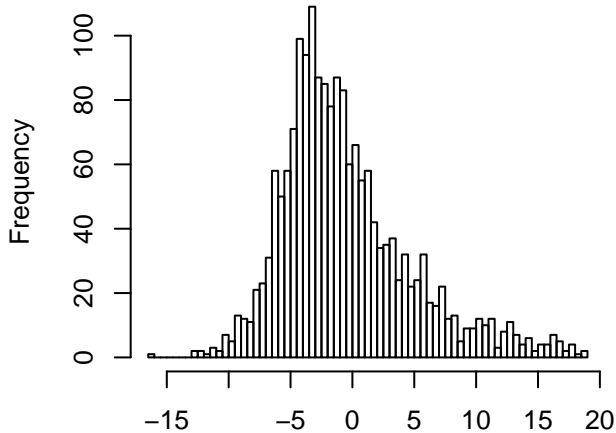
**Residuals**



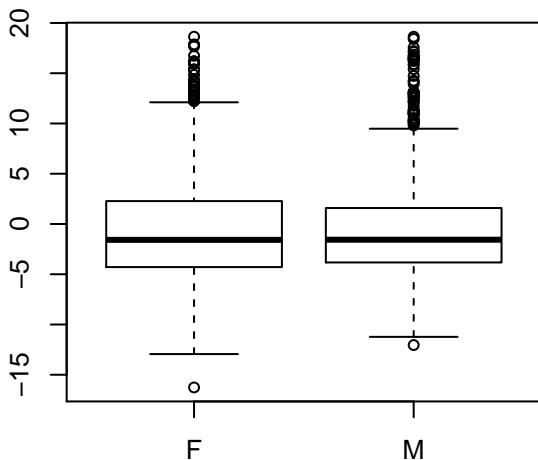
**FC.Cue.Baseline – raw (outliers removed)**  
(n = 1886 )



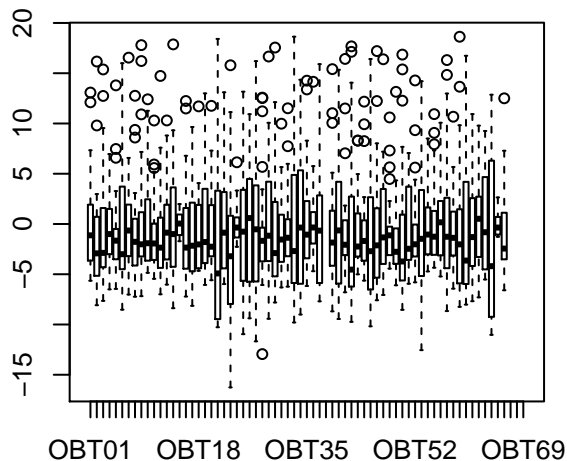
**Residuals (n = 1821 )**



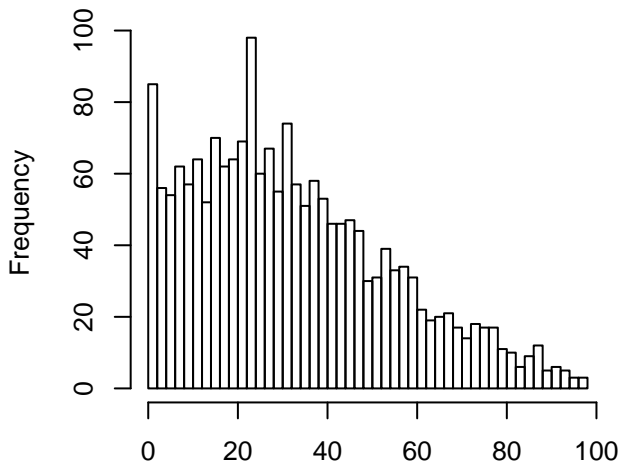
**Residuals**



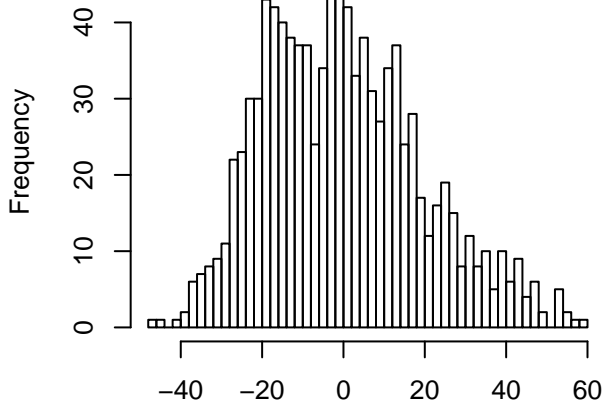
**Residuals**



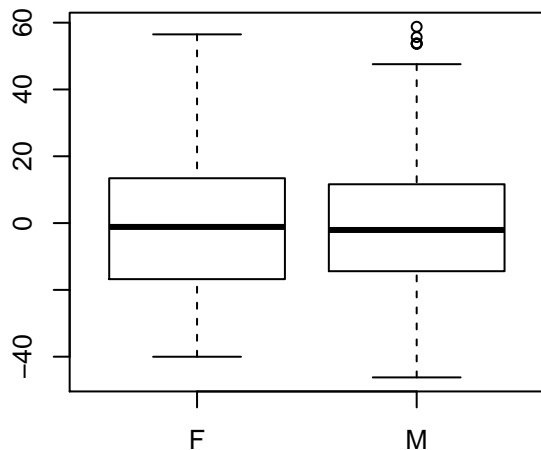
aining.UnconditionedFreeze - raw (outliers)  
(n = 1884 )



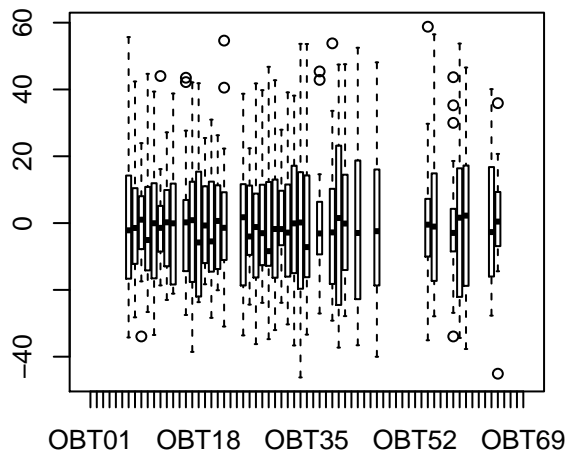
Residuals (n = 998 )



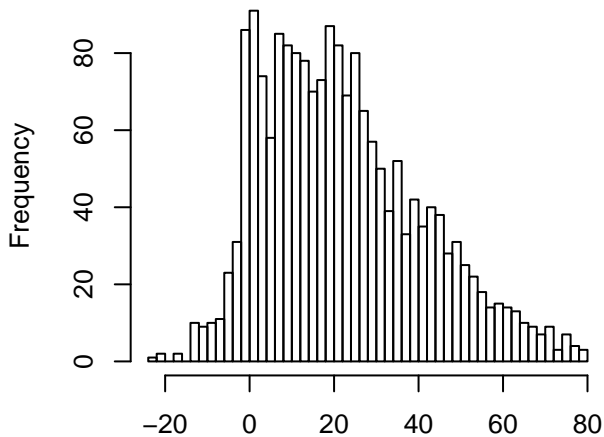
Residuals



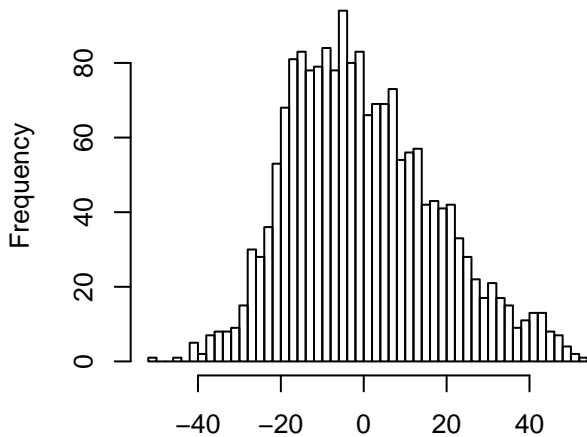
Residuals



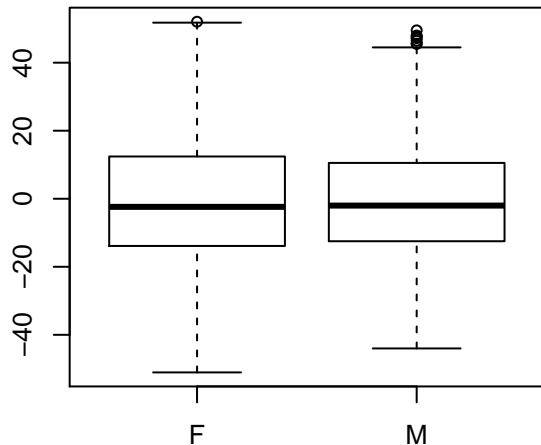
g.UnconditionedFreeze.Corrected - raw (out  
(n = 1877 )



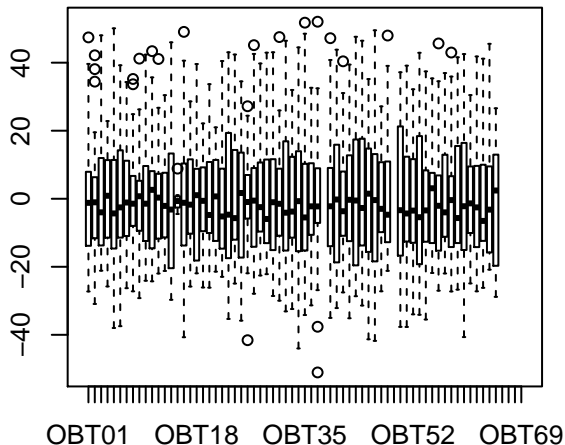
Residuals (n = 1844 )



Residuals

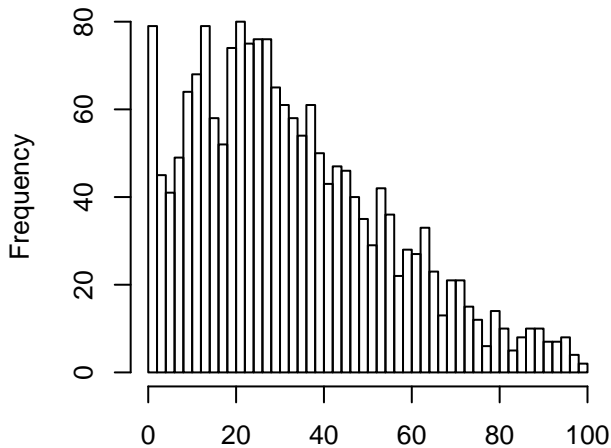


Residuals

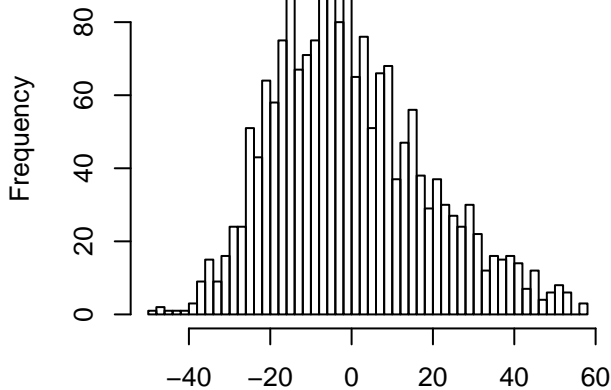




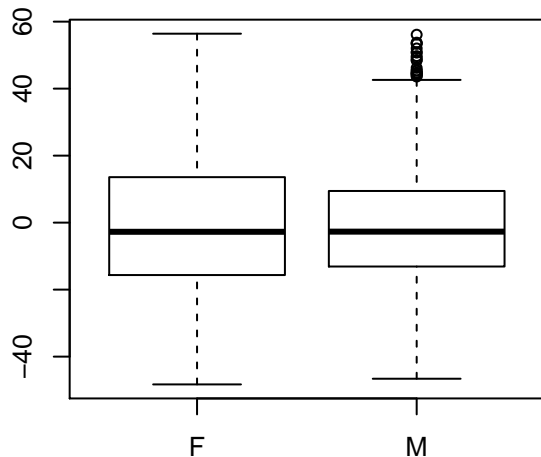
**FC.Context.Freeze - raw (outliers remove  
(n = 1889 )**



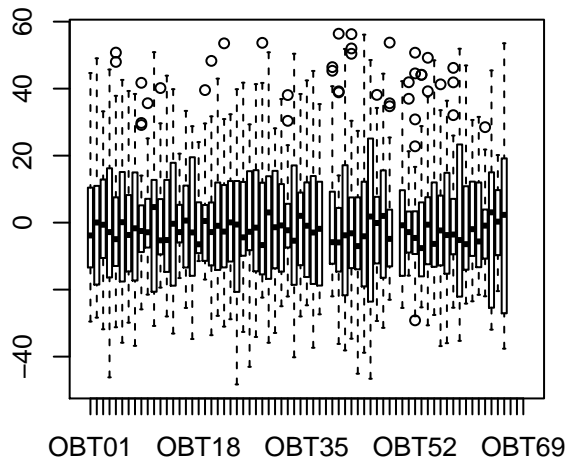
**Residuals (n = 1876 )**



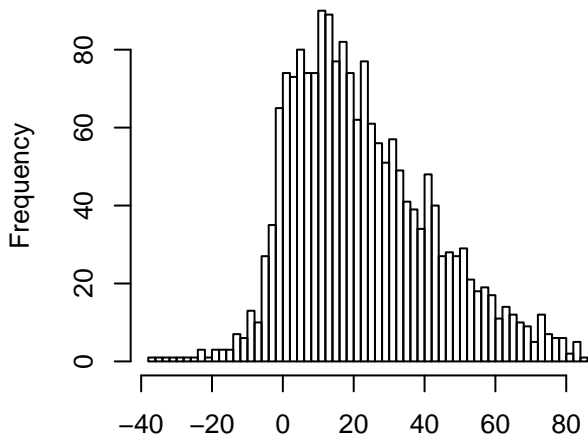
**Residuals**



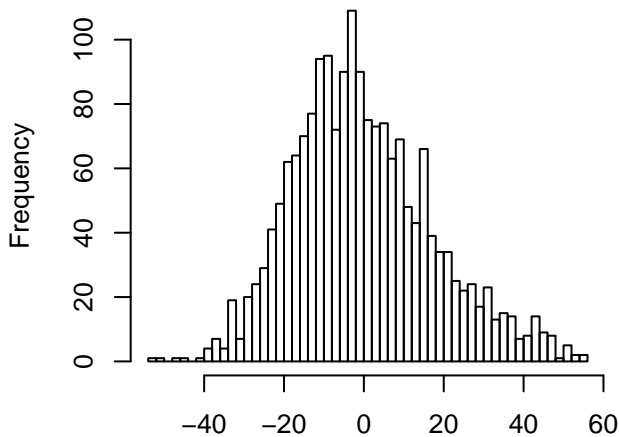
**Residuals**



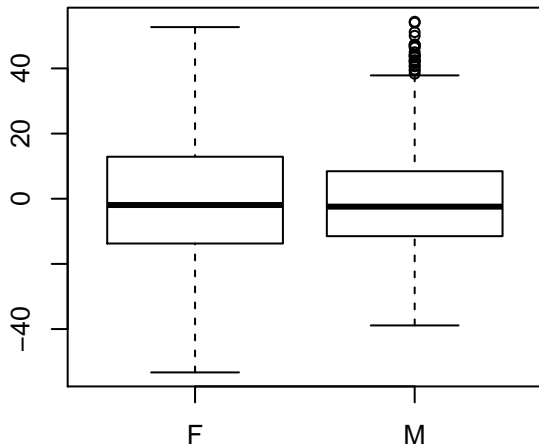
**Context.Freeze.Corrected – raw (outliers re  
(n = 1871 )**



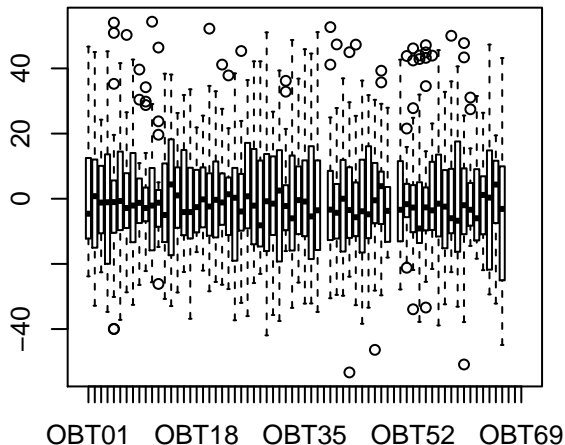
**Residuals (n = 1859 )**



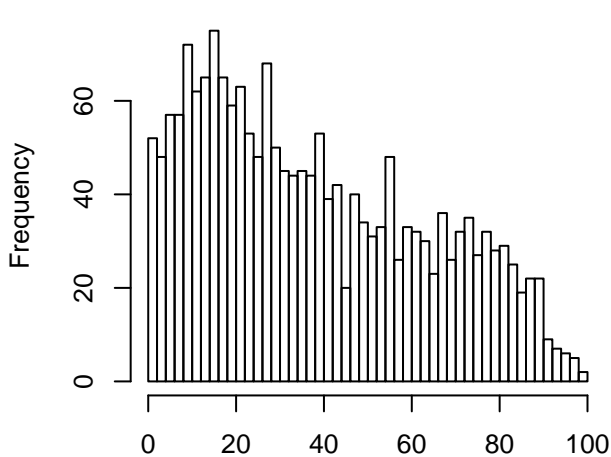
**Residuals**



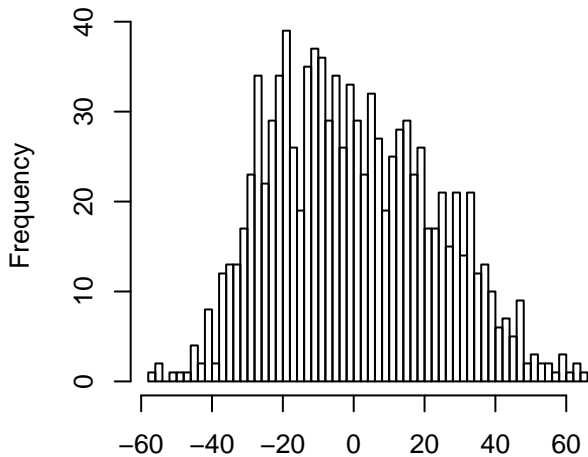
**Residuals**



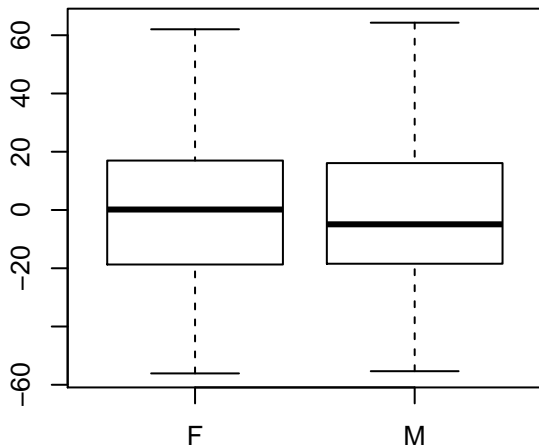
**FC.Cue.MeanFreeze – raw (outliers removed)**  
**(n = 1918)**



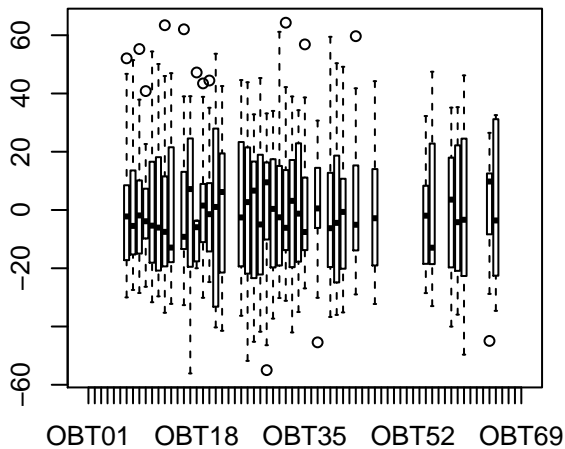
**Residuals (n = 999)**



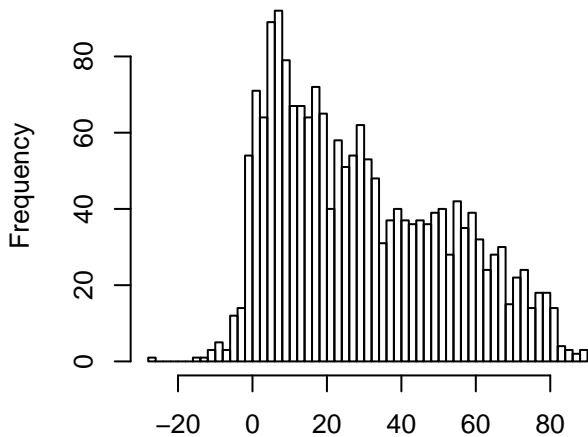
**Residuals**



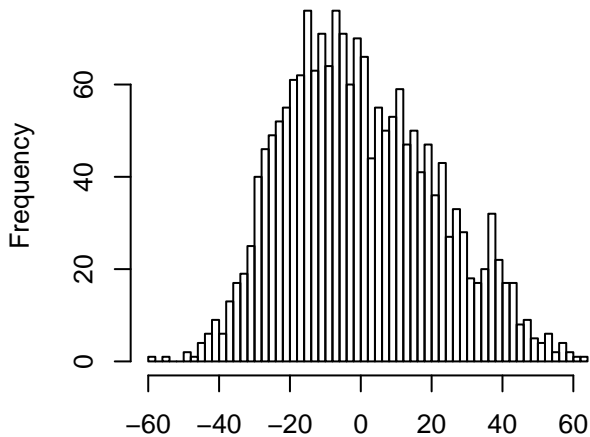
**Residuals**



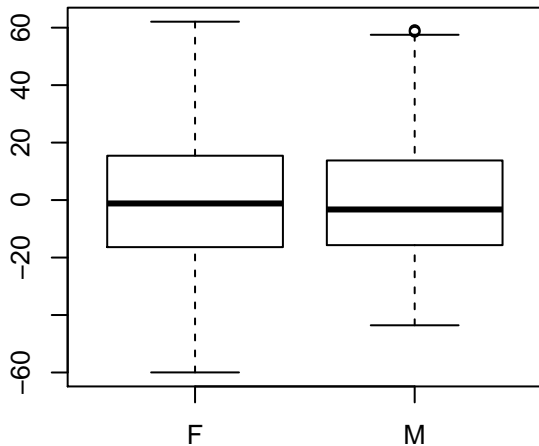
**Cue.MeanFreeze.Corrected – raw (outliers re  
(n = 1918 )**



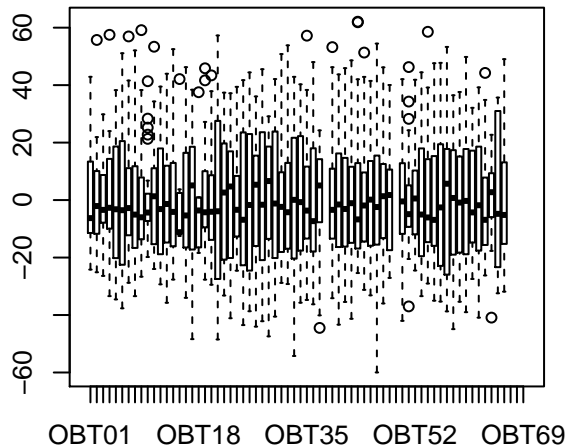
**Residuals (n = 1884 )**



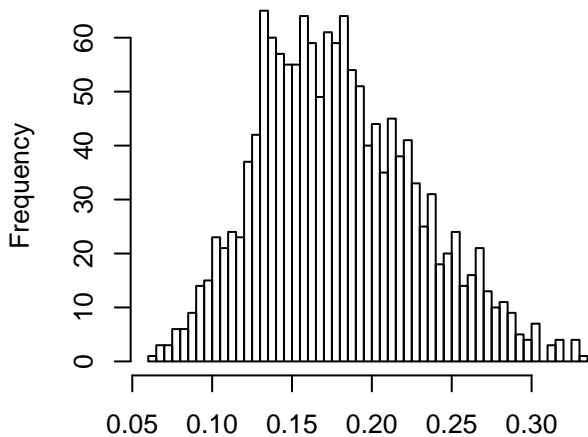
**Residuals**



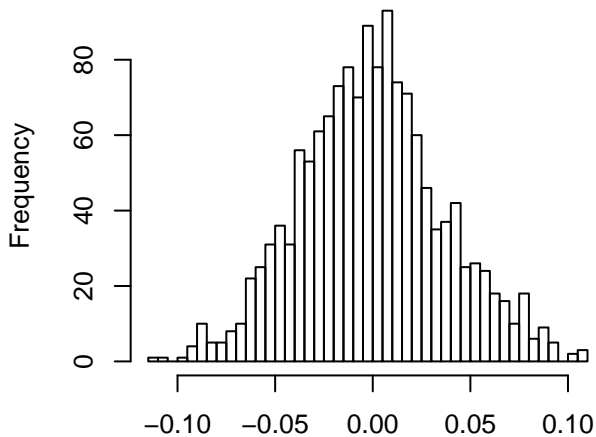
**Residuals**



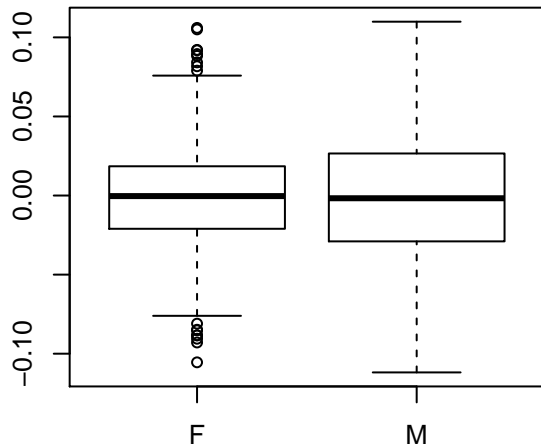
**Micronucleus.Mn.NCE - raw (outliers removed)**  
(n = 1496)



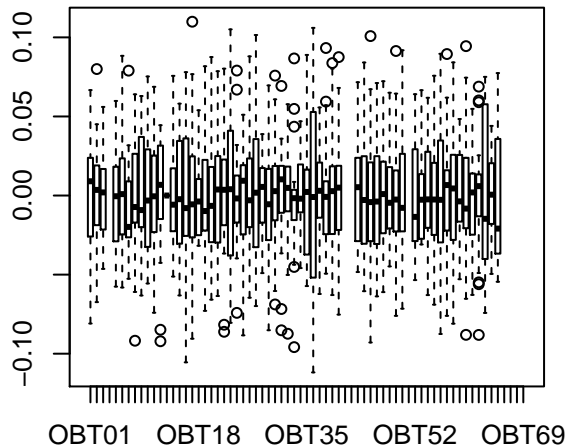
**Residuals (n = 1433)**



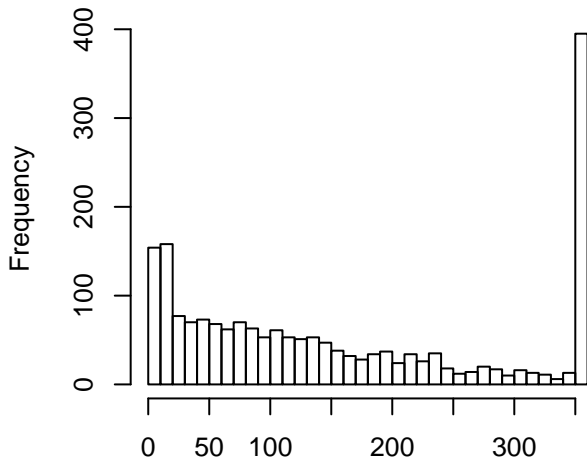
**Residuals**



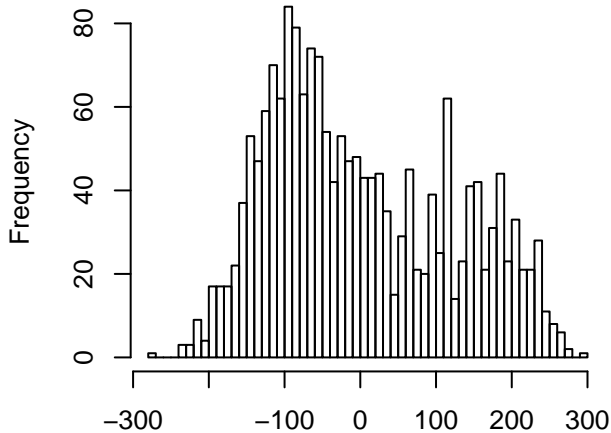
**Residuals**



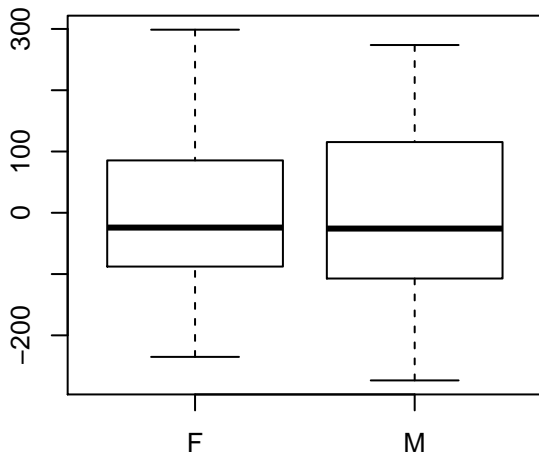
**Neo.Latency – raw (outliers removed)**  
**(n = 1946 )**



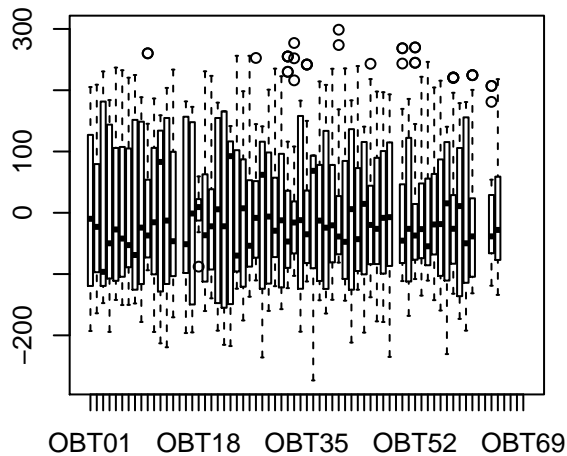
**Residuals (n = 1828 )**



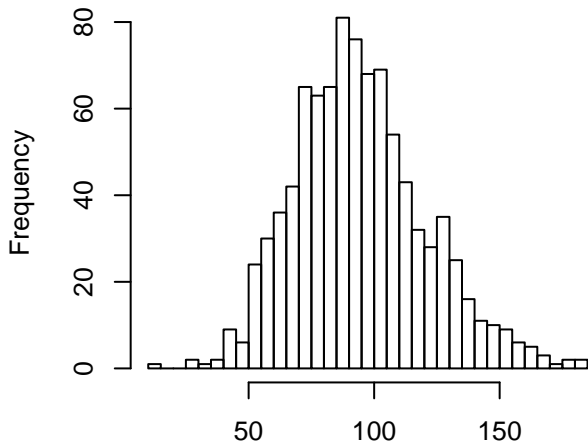
**Residuals**



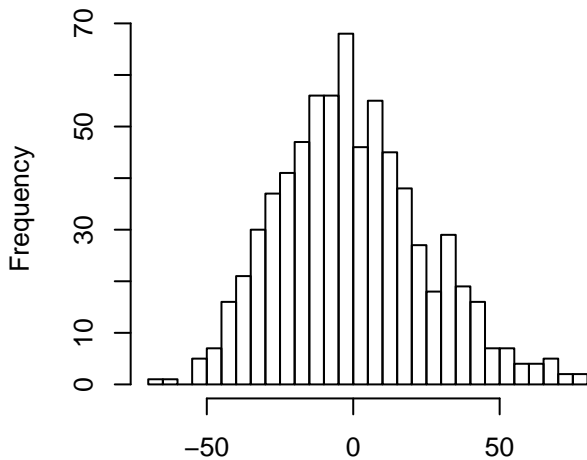
**Residuals**



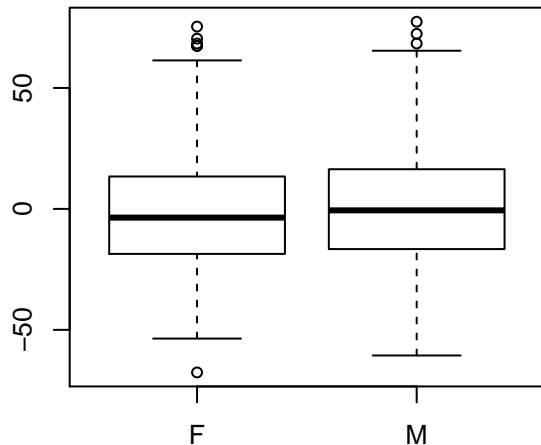
**Neuro.Ki67 - raw (outliers removed)**  
**(n = 922)**



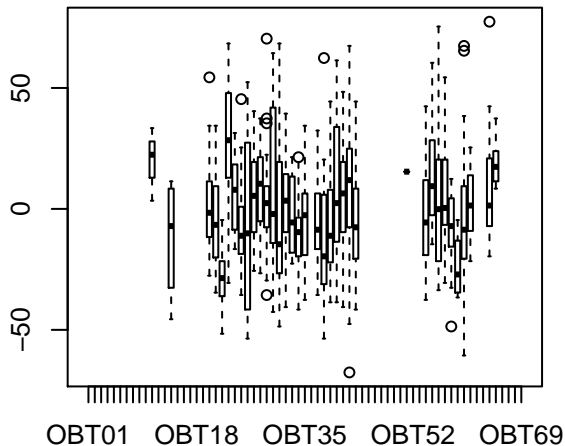
**Residuals (n = 710)**



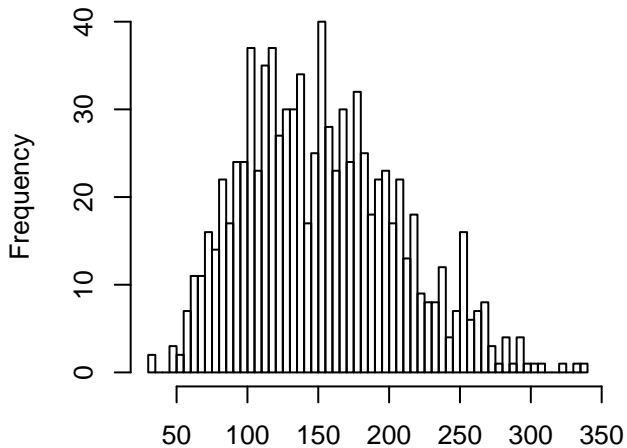
**Residuals**



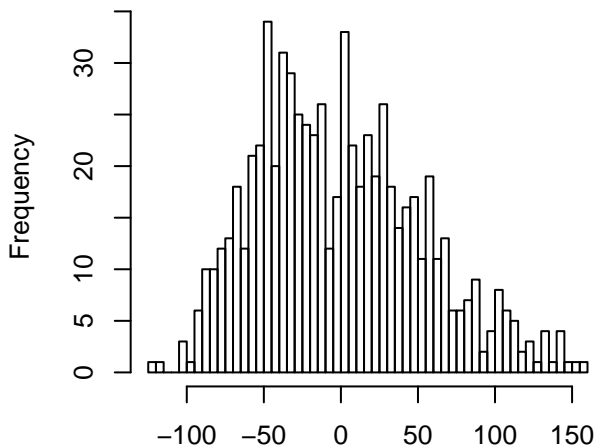
**Residuals**



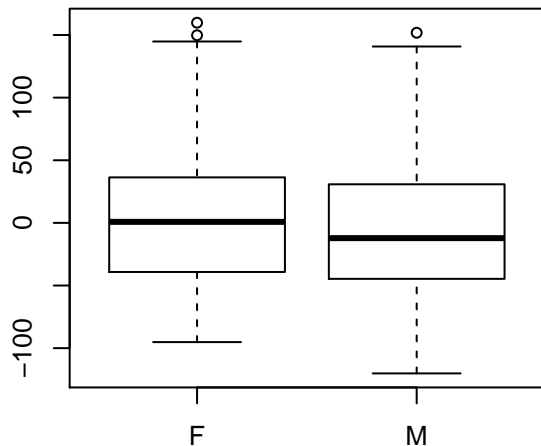
**Neuro.DCX - raw (outliers removed)**  
(n = 887)



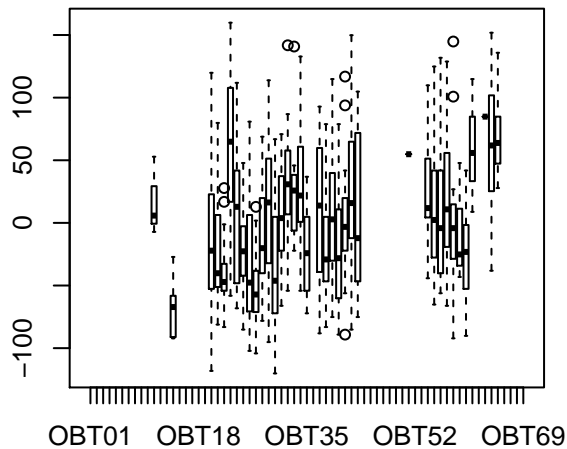
**Residuals (n = 702)**



**Residuals**

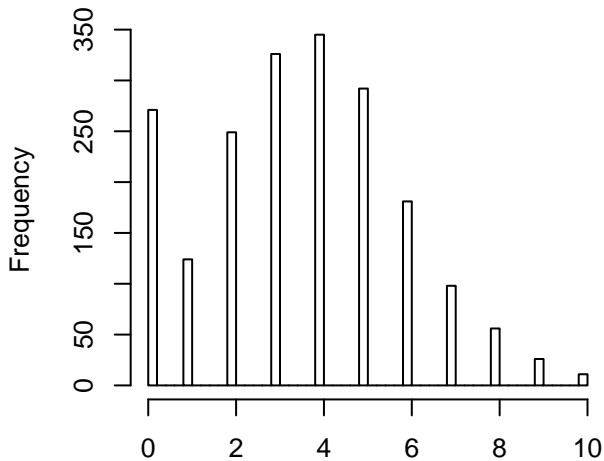


**Residuals**

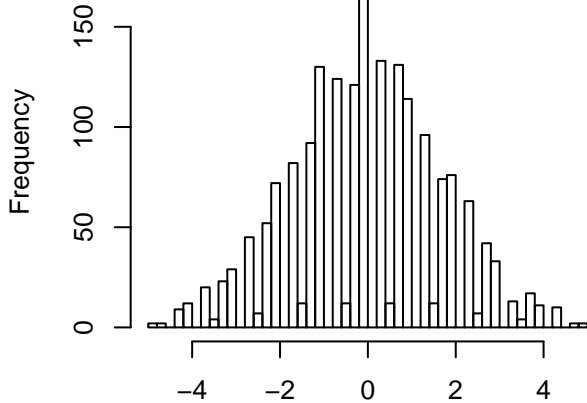




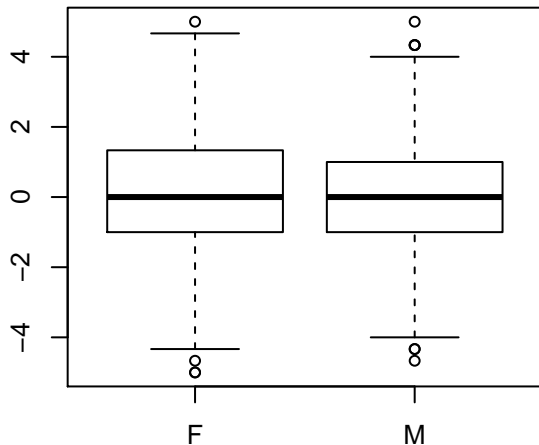
**OFT.Boli – raw (outliers removed)**  
**(n = 1979 )**



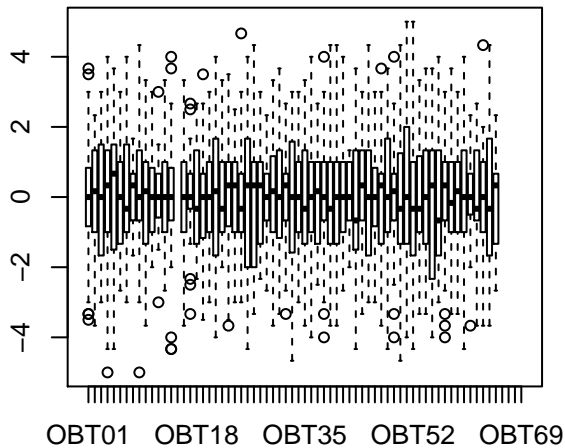
**Residuals (n = 1877 )**



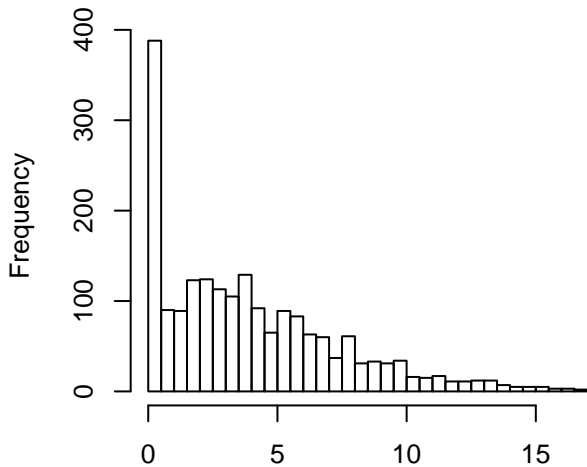
**Residuals**



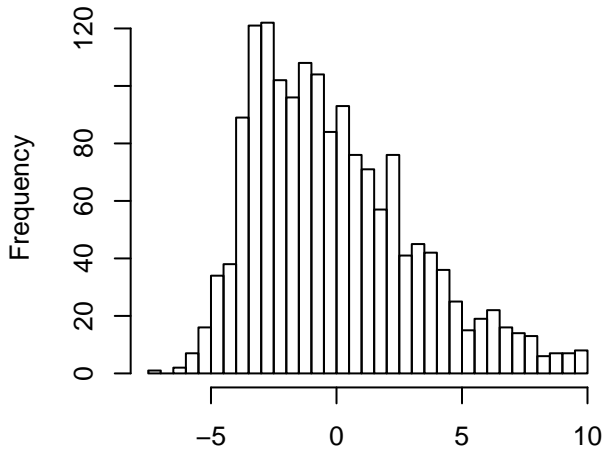
**Residuals**



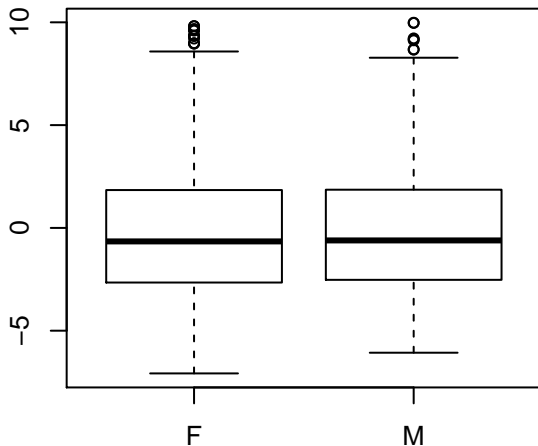
**OFT.Centre.Time – raw (outliers removed)**  
**(n = 1964 )**



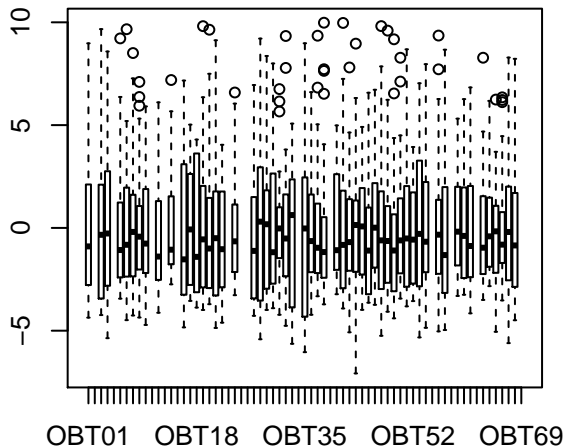
**Residuals (n = 1613 )**



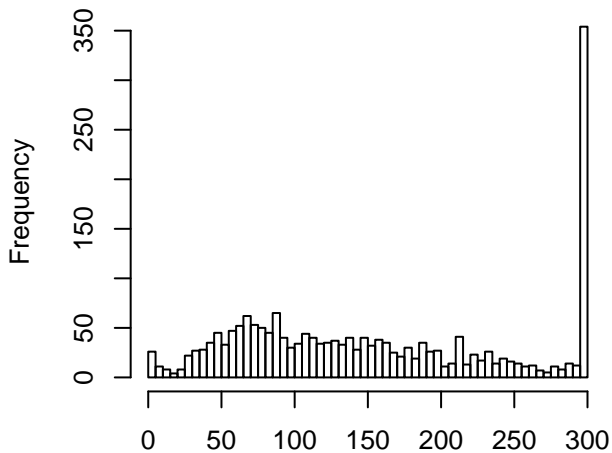
**Residuals**



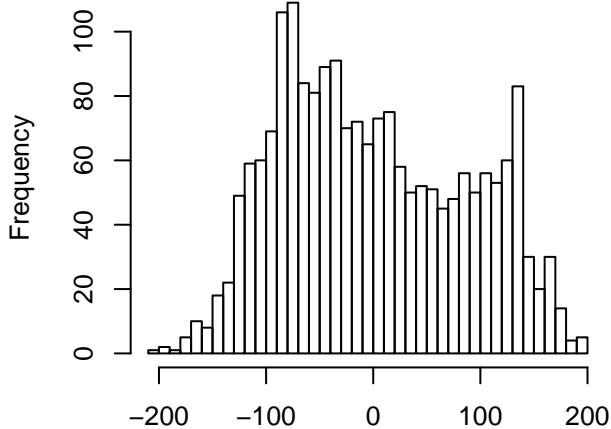
**Residuals**



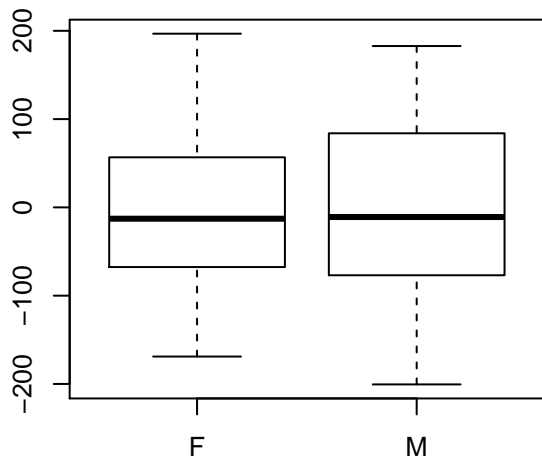
**OFT.Centre.Latency - raw (outliers remove)**  
**(n = 1986)**



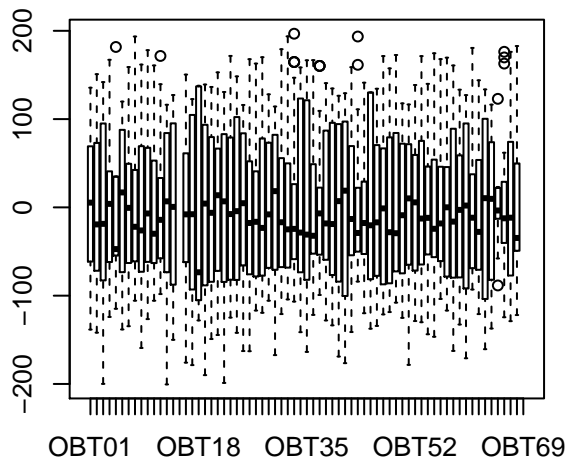
**Residuals (n = 1984)**



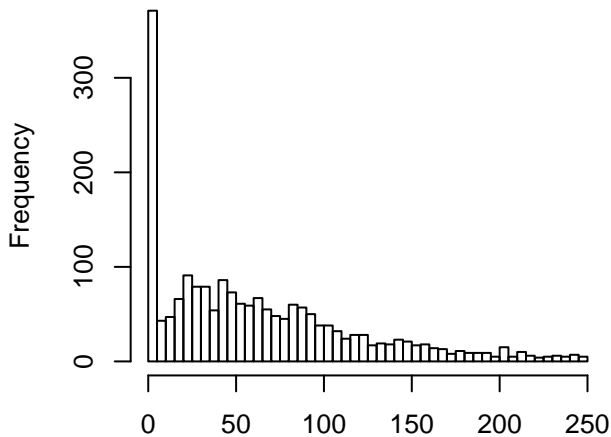
**Residuals**



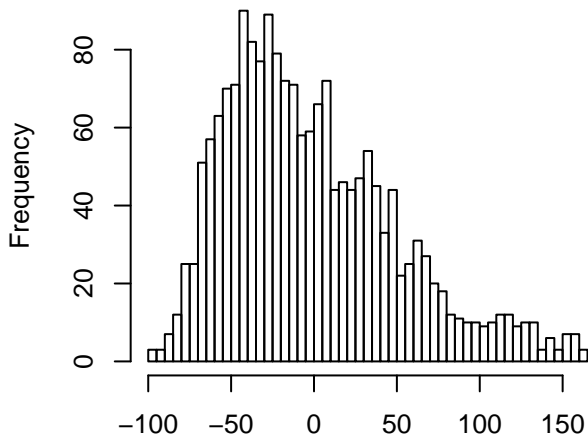
**Residuals**



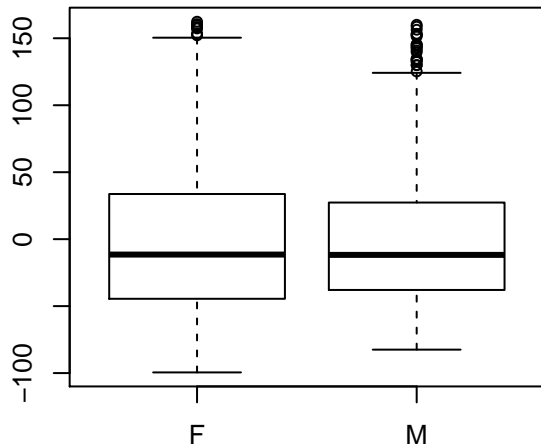
**OFT.Centre.Distance – raw (outliers remov  
(n = 1958 )**



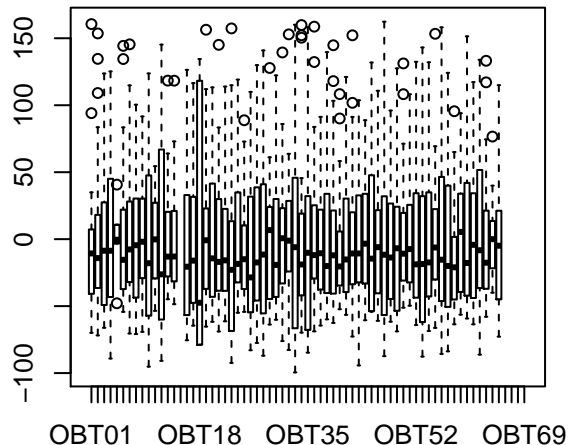
**Residuals (n = 1846 )**



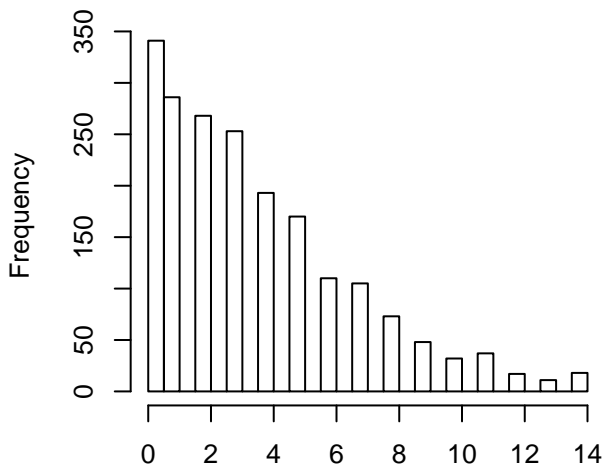
**Residuals**



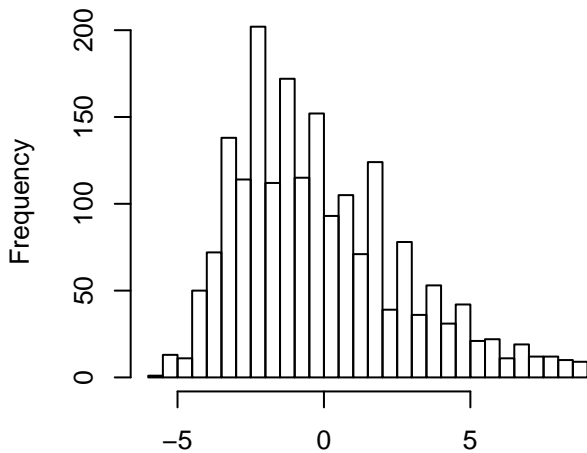
**Residuals**



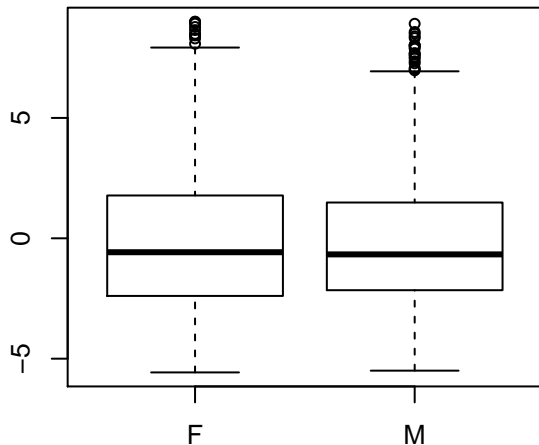
**OFT.Centre.Entries – raw (outliers remove  
(n = 1962 )**



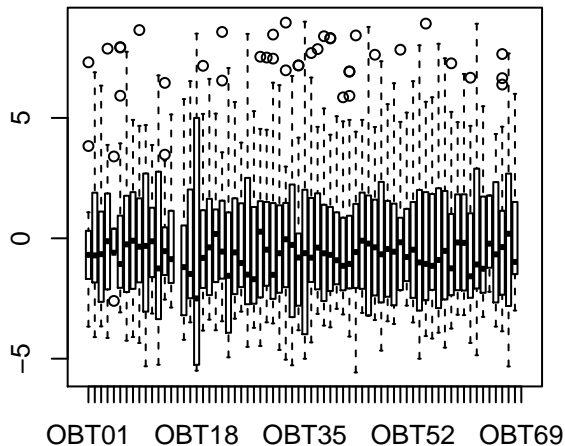
**Residuals (n = 1940 )**



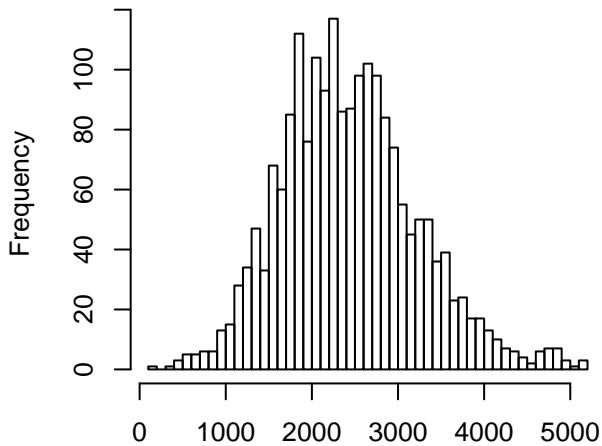
**Residuals**



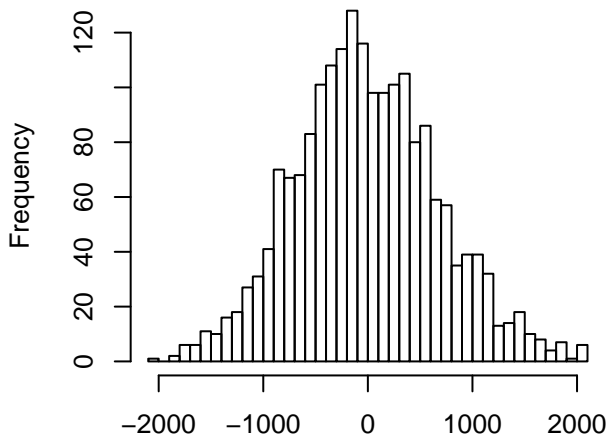
**Residuals**



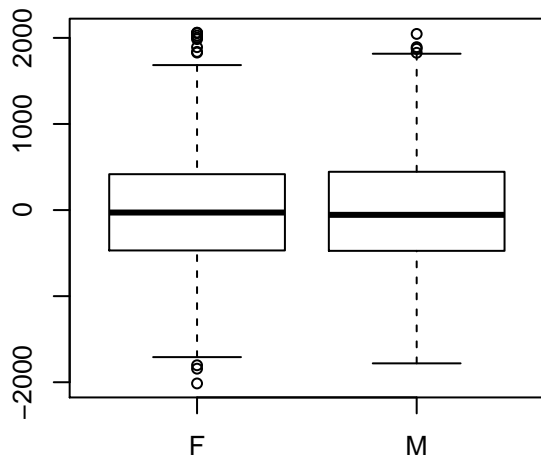
**OFT.Arena.Distance – raw (outliers removed)**  
**(n = 1966 )**



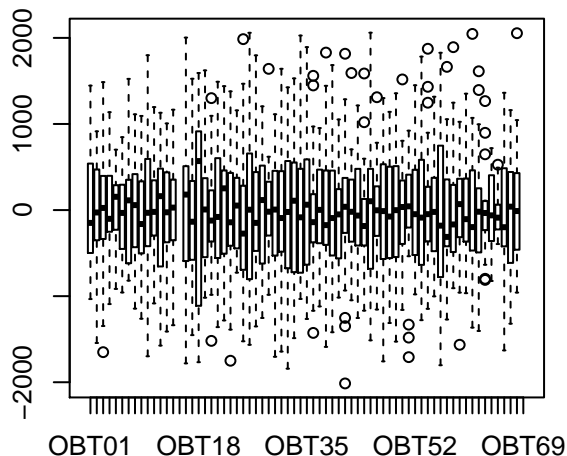
**Residuals (n = 1934 )**



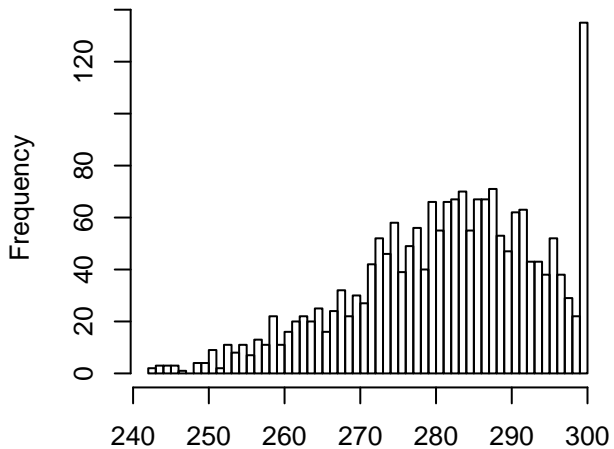
**Residuals**



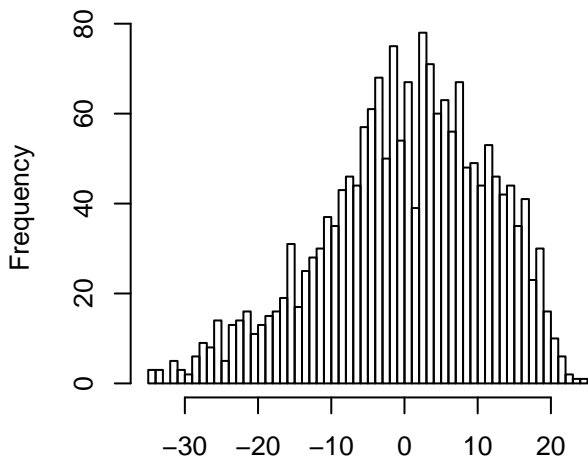
**Residuals**



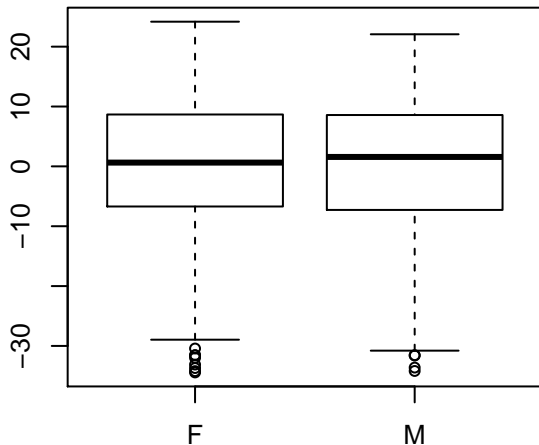
**OFT.Periphery.Time - raw (outliers remove  
(n = 1970 )**



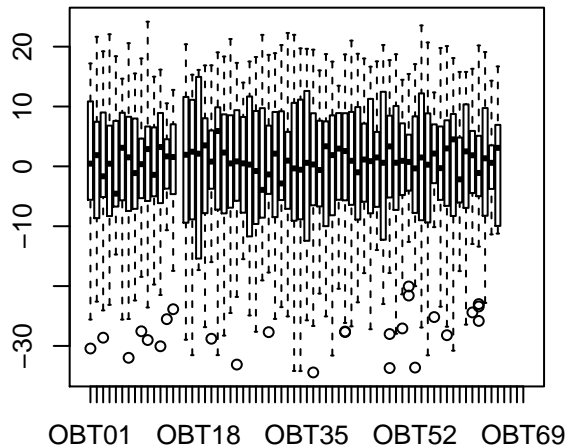
**Residuals (n = 1868 )**



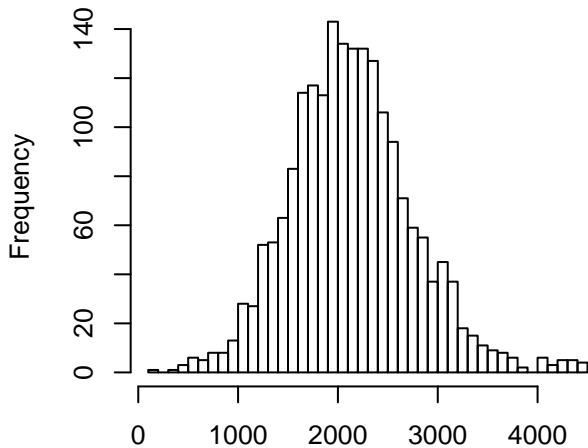
**Residuals**



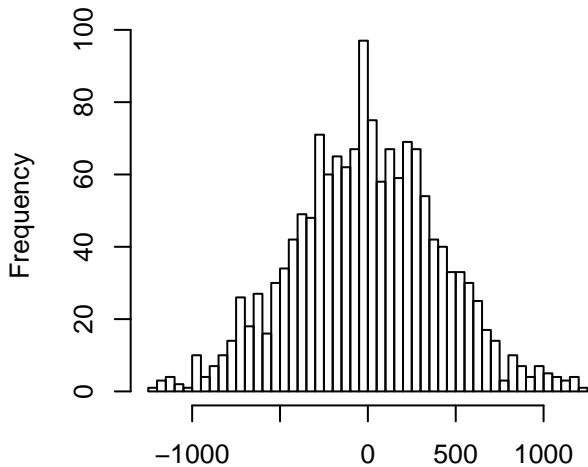
**Residuals**



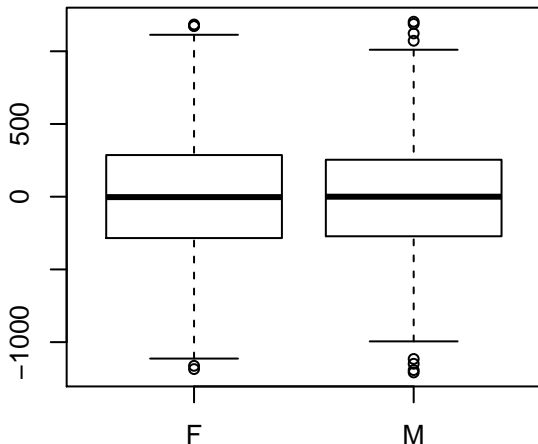
OFT.Periphery.Distance - raw (outliers remo  
(n = 1959 )



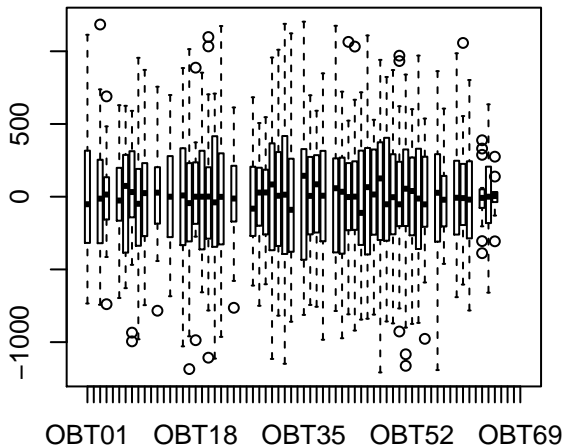
Residuals (n = 1499 )



Residuals

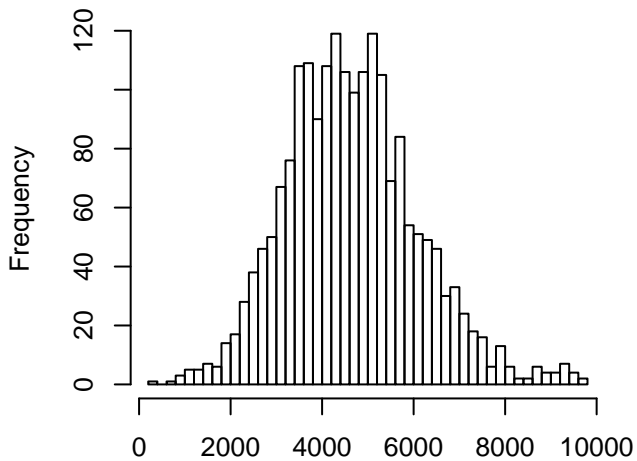


Residuals

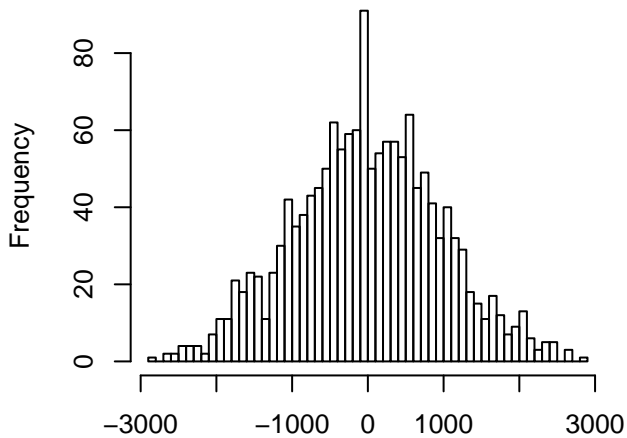




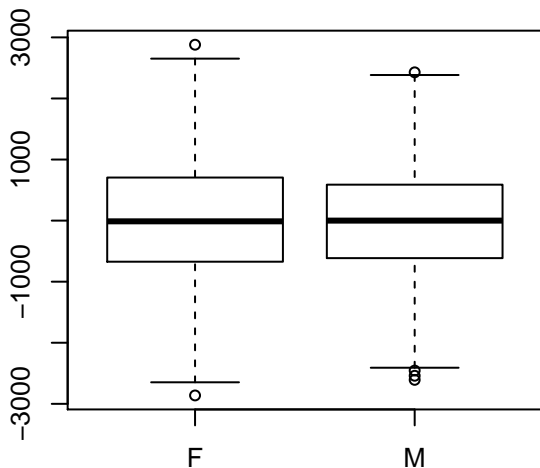
**OFT.Total.Activity - raw (outliers removed)**  
**(n = 1963)**



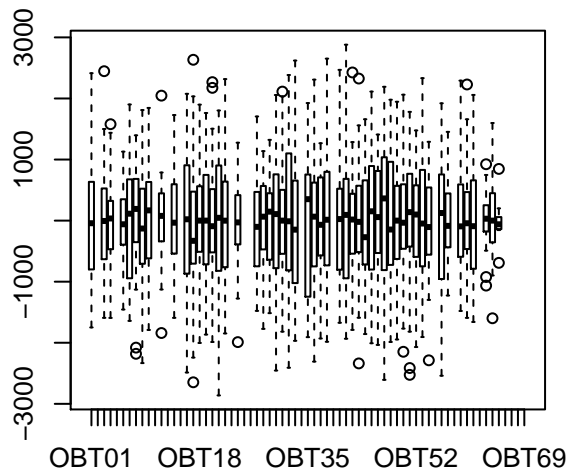
**Residuals (n = 1504)**



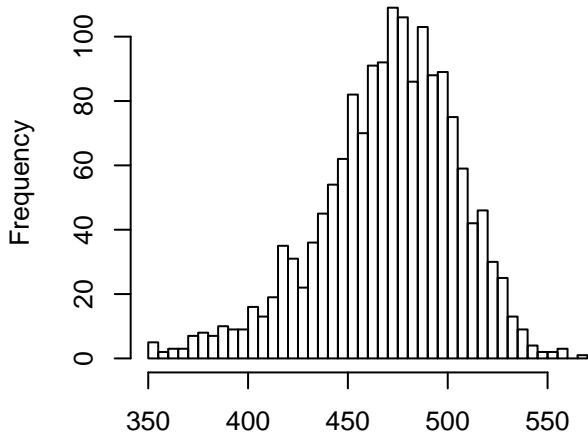
**Residuals**



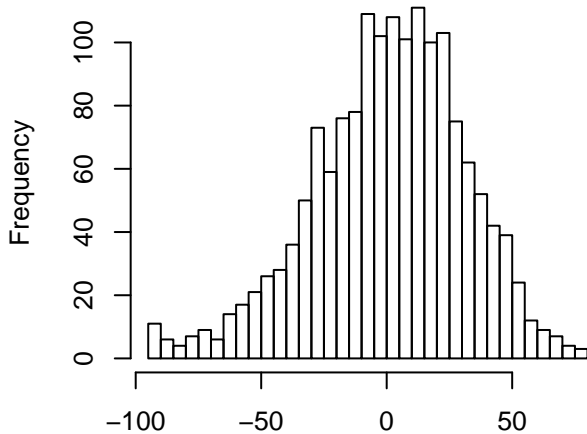
**Residuals**



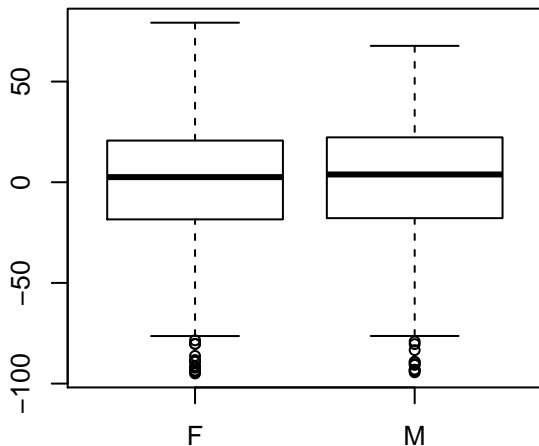
**OFT.Total.Moving - raw (outliers removed)**  
(n = 1623)



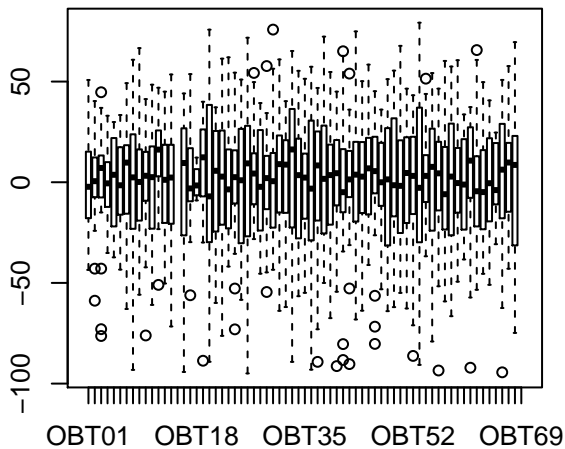
**Residuals (n = 1584)**



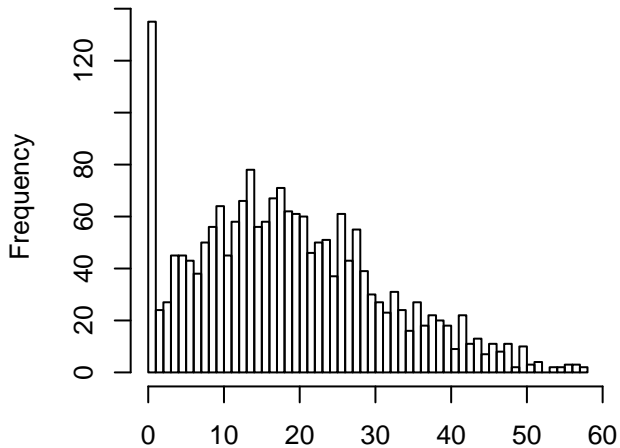
**Residuals**



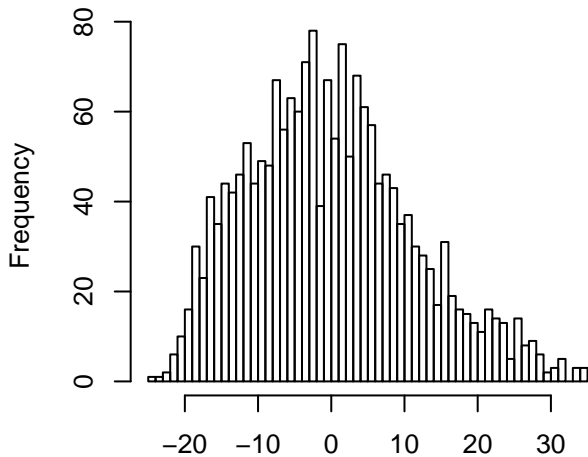
**Residuals**



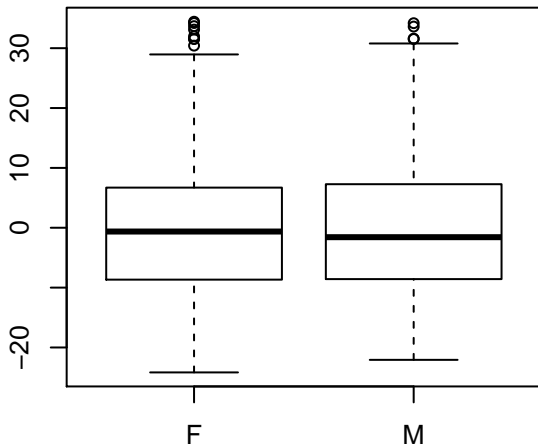
**OFT.Open.Time – raw (outliers removed,  
(n = 1970 )**



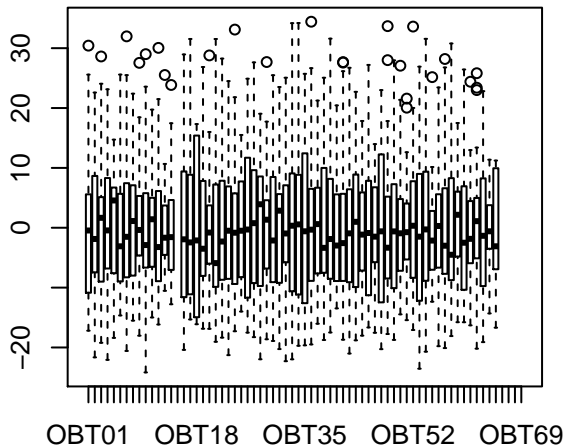
**Residuals (n = 1868 )**



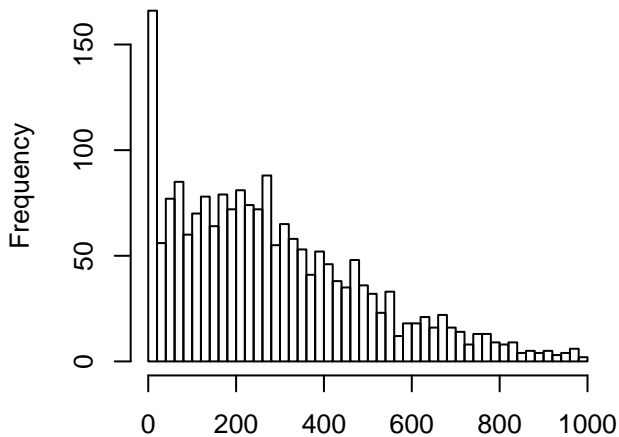
**Residuals**



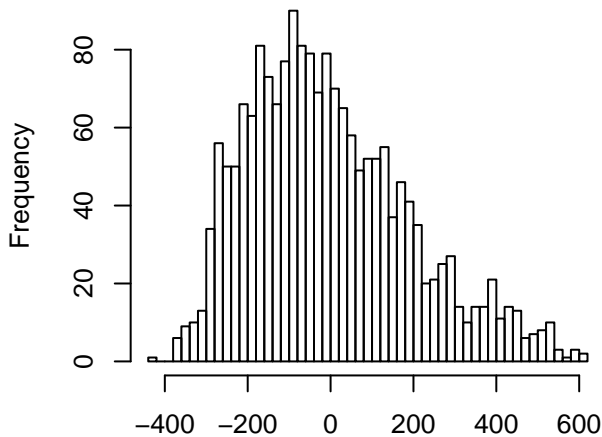
**Residuals**



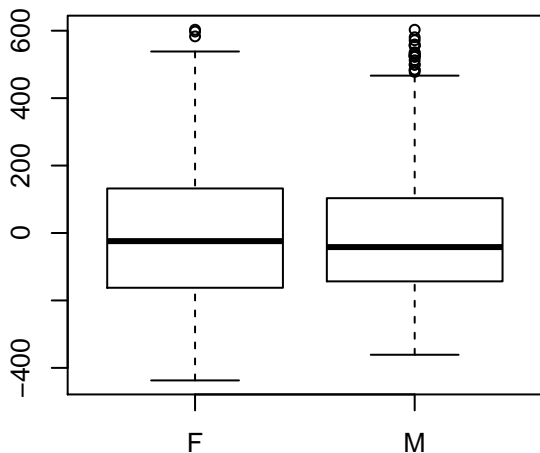
**OFT.Open.Distance - raw (outliers remove)**  
(n = 1967)



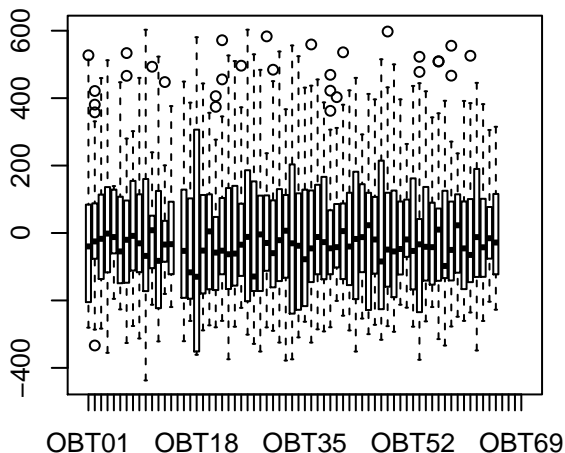
**Residuals (n = 1857)**



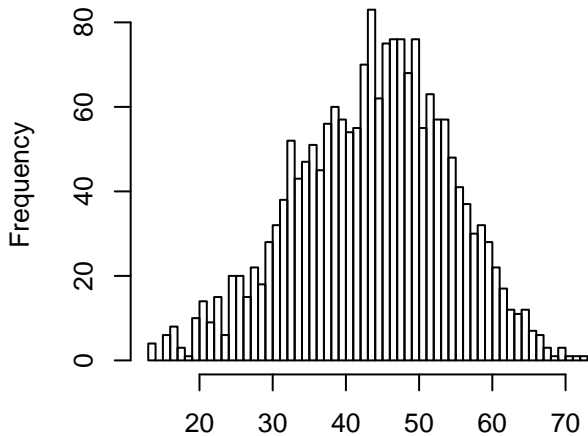
**Residuals**



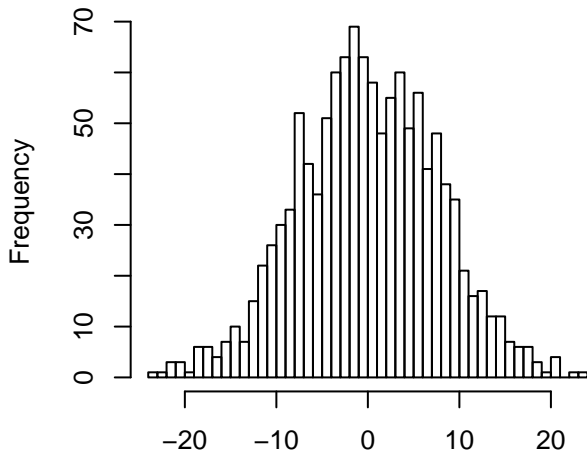
**Residuals**



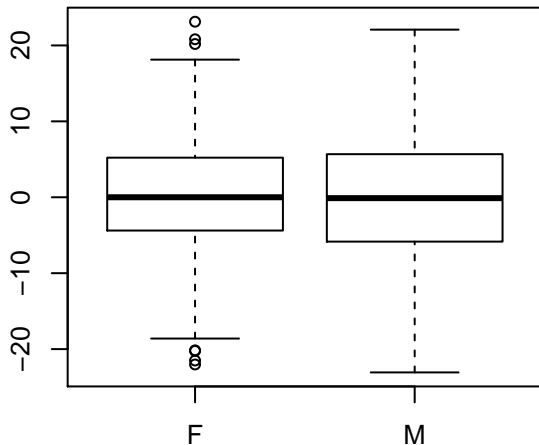
**PAS.Fine5 - raw (outliers removed)**  
**(n = 1920)**



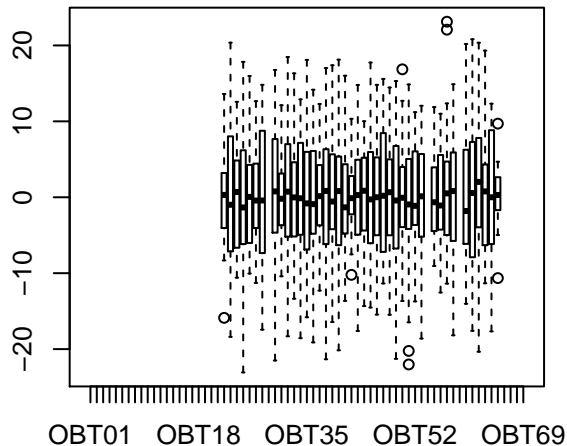
**Residuals (n = 1206)**



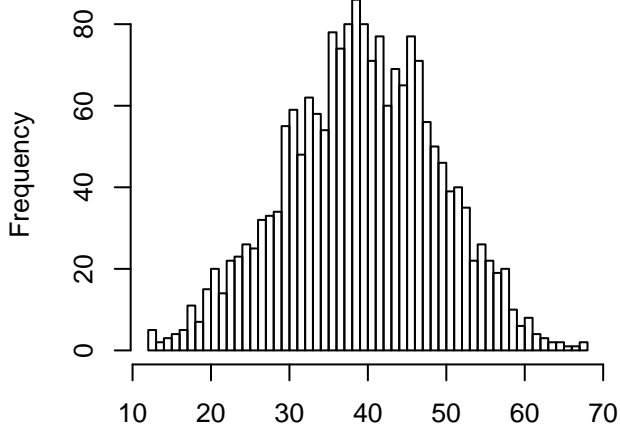
**Residuals**



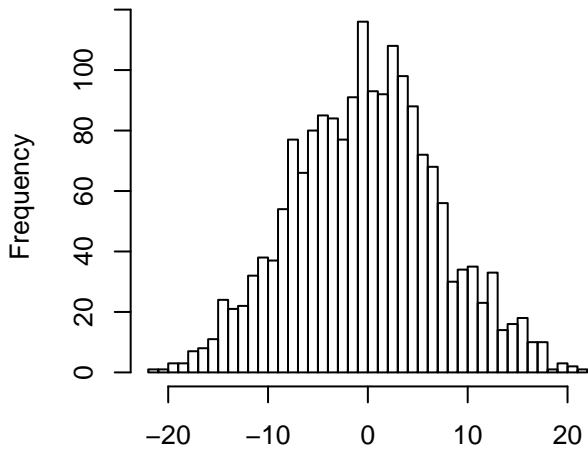
**Residuals**



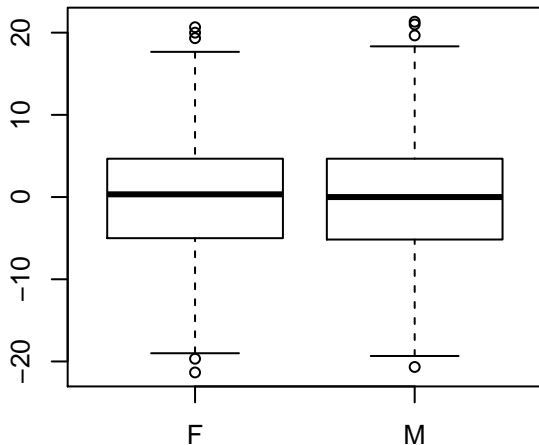
**PAS.Fine10 – raw (outliers removed)**  
**(n = 1919)**



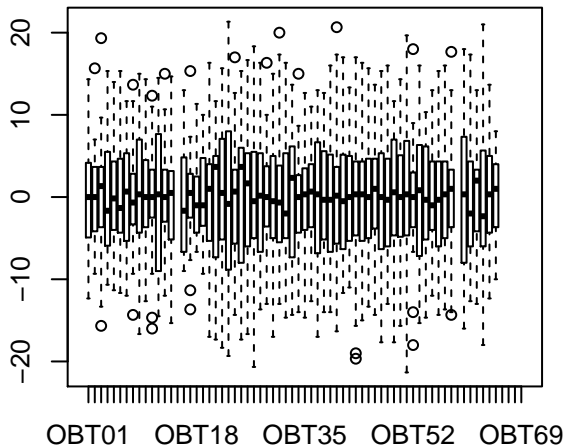
**Residuals (n = 1843)**



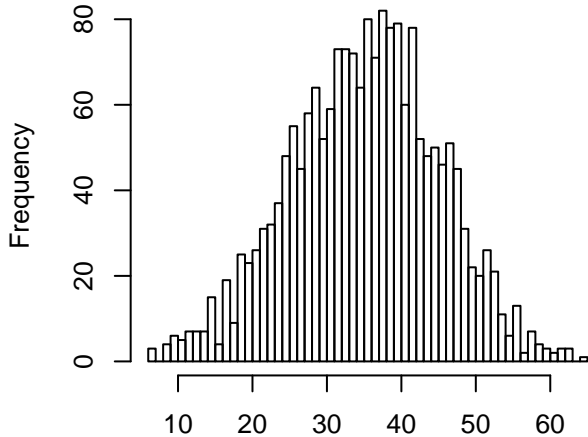
**Residuals**



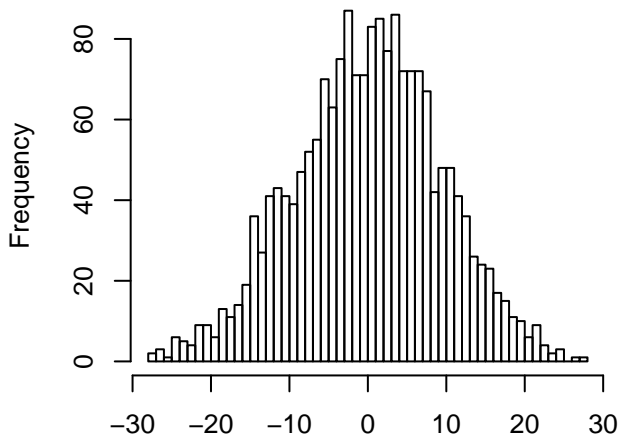
**Residuals**



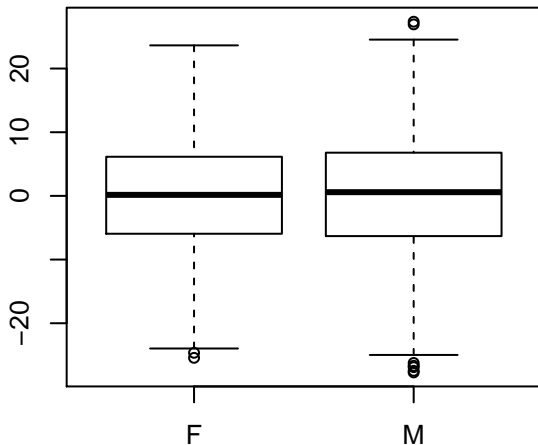
**PAS.Fine15 – raw (outliers removed)**  
(n = 1918)



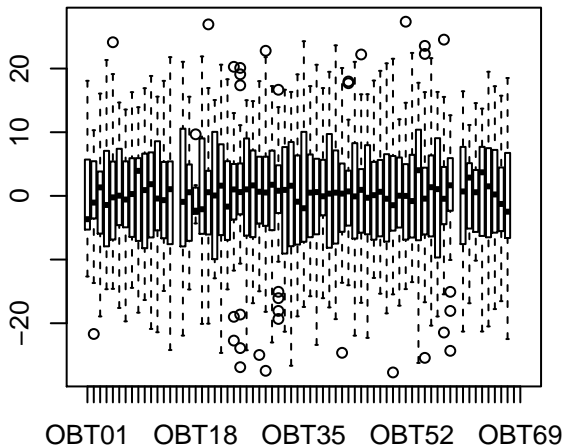
**Residuals (n = 1901)**



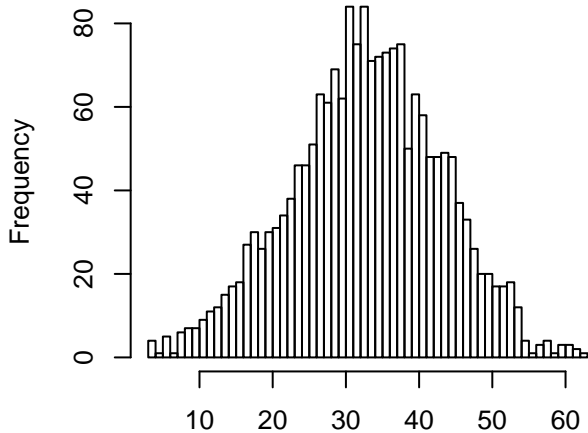
**Residuals**



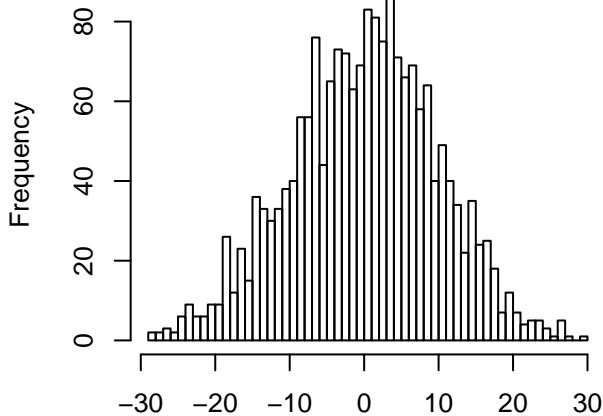
**Residuals**



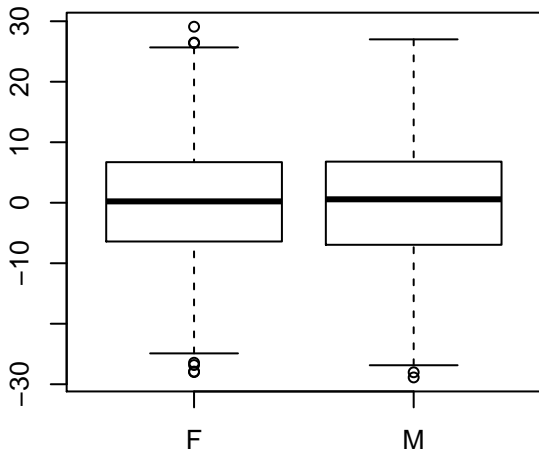
**PAS.Fine20 - raw (outliers removed)**  
**(n = 1921 )**



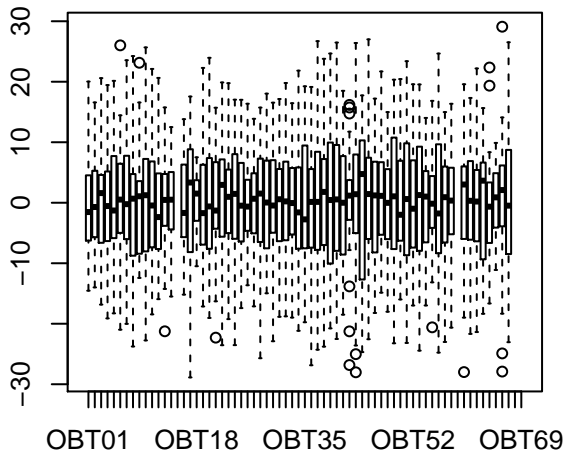
**Residuals (n = 1907 )**



**Residuals**

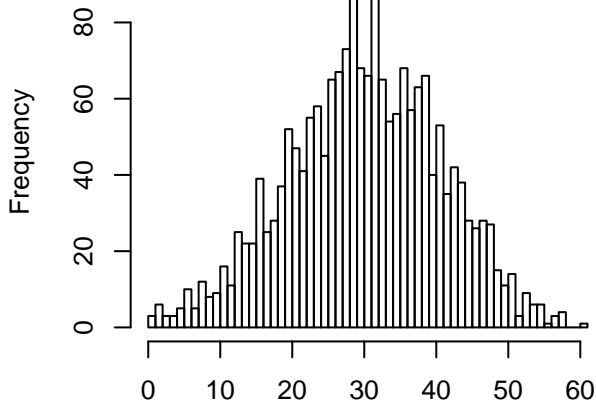


**Residuals**

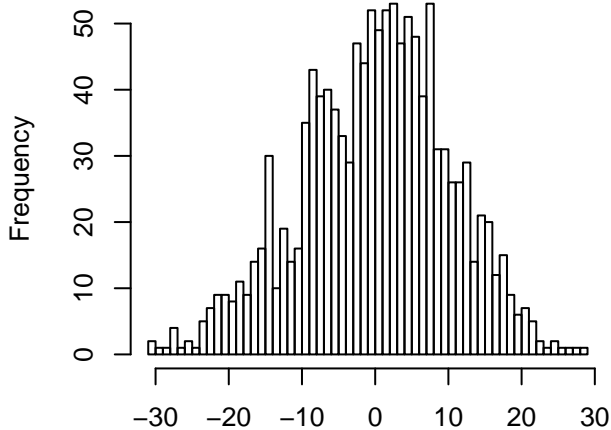




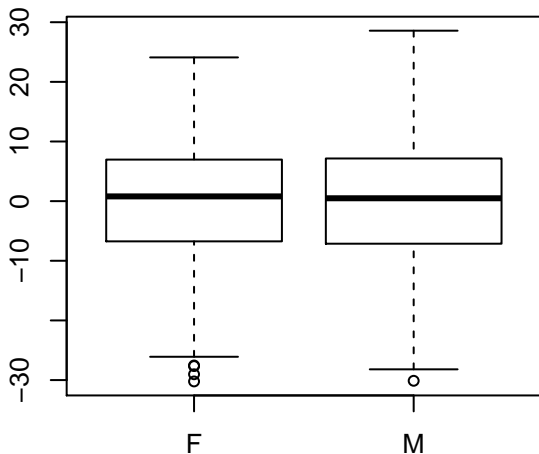
**PAS.Fine25 – raw (outliers removed)**  
**(n = 1924 )**



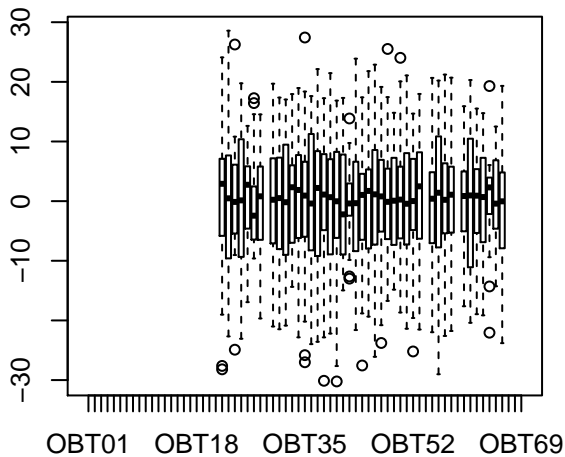
**Residuals (n = 1241 )**



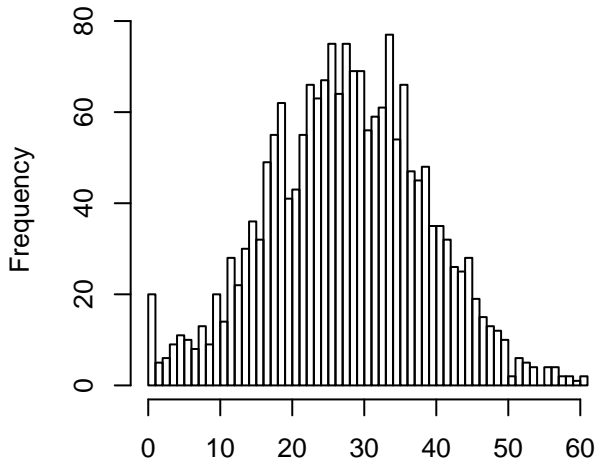
**Residuals**



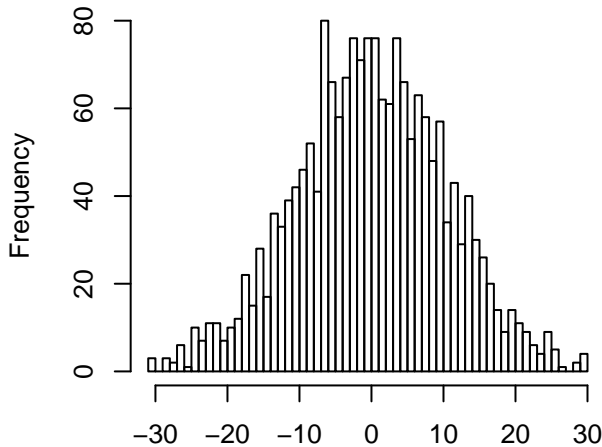
**Residuals**



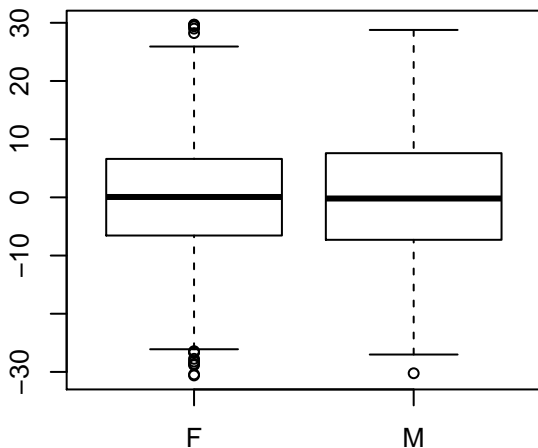
**PAS.Fine30 – raw (outliers removed)**  
(n = 1921 )



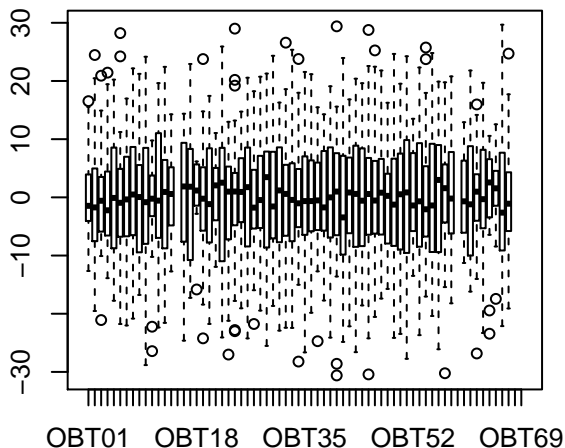
**Residuals (n = 1878 )**



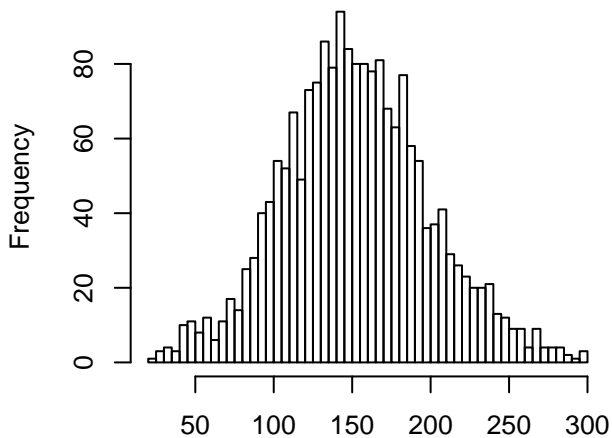
**Residuals**



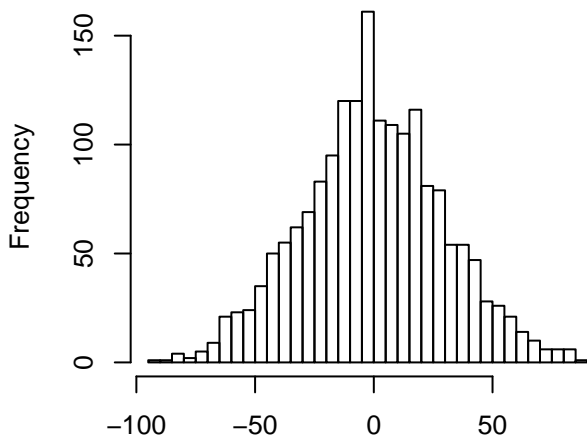
**Residuals**



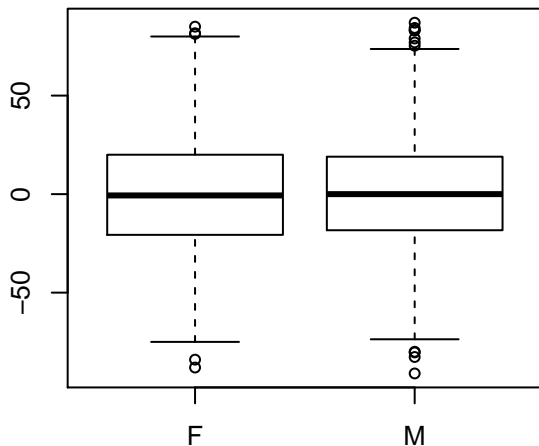
**PAS.Ambulatory5 - raw (outliers removed)**  
(n = 1915)



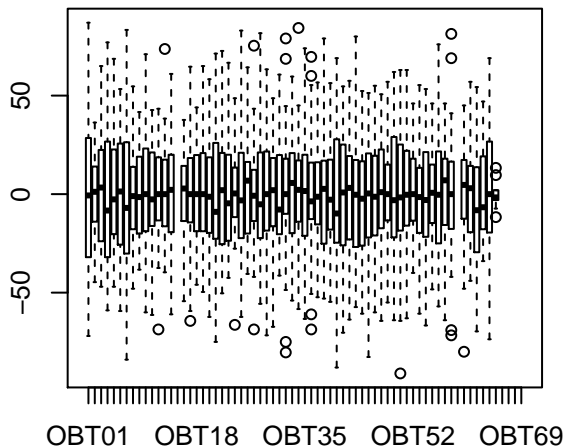
**Residuals (n = 1814)**



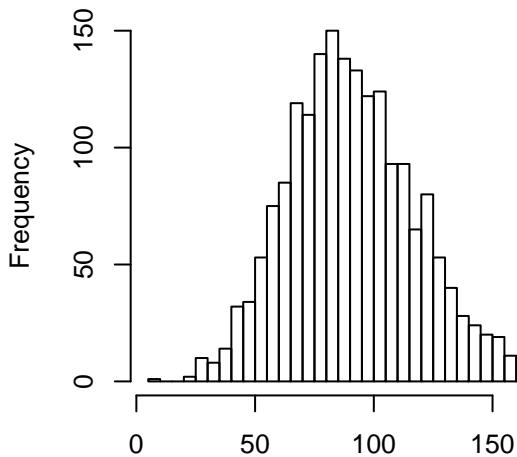
**Residuals**



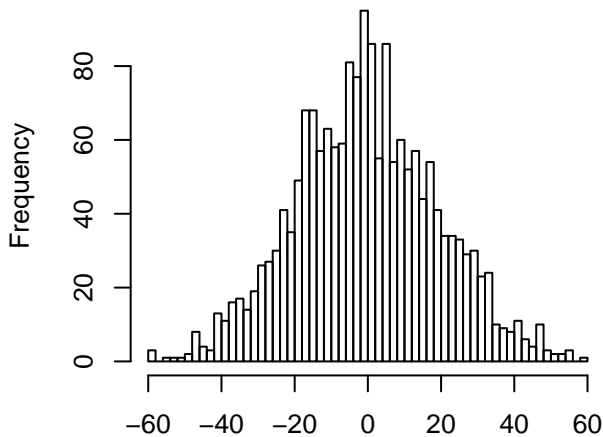
**Residuals**



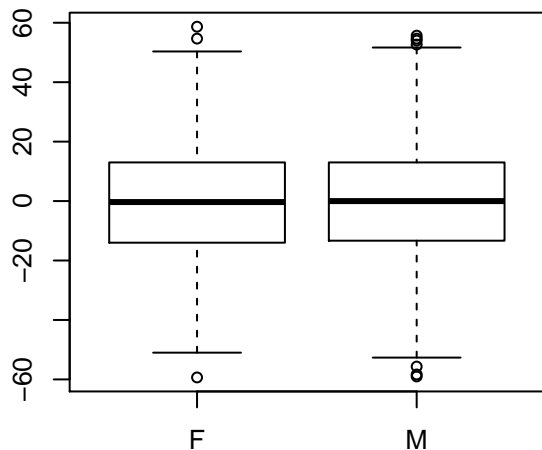
**PAS.Ambulatory10 - raw (outliers remove  
(n = 1914 )**



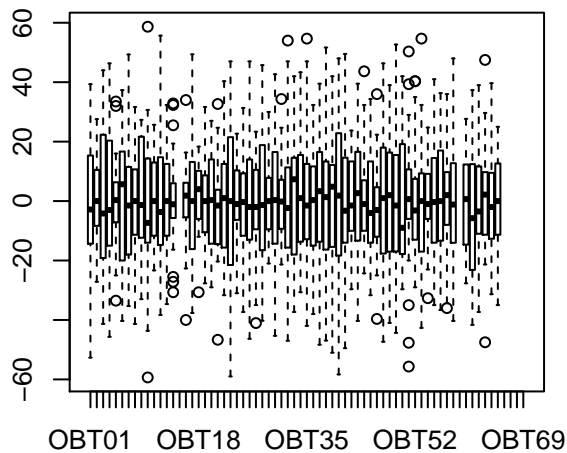
**Residuals (n = 1812 )**



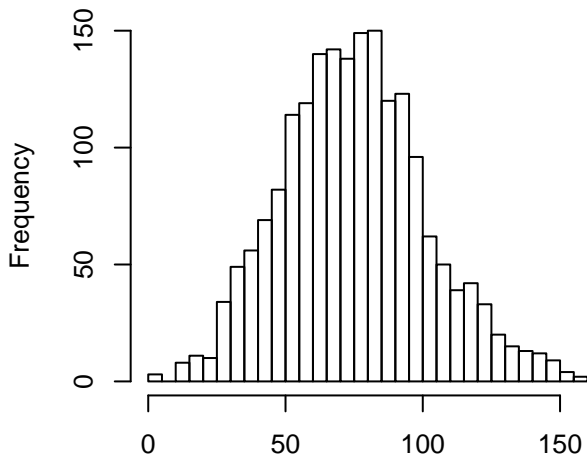
**Residuals**



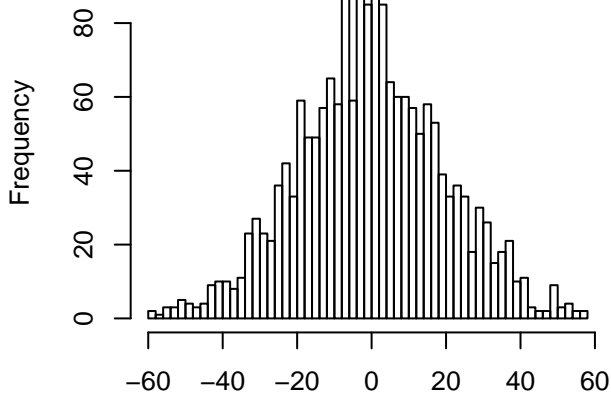
**Residuals**



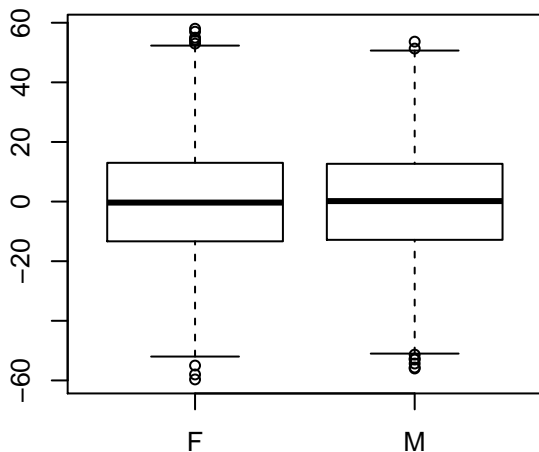
**PAS.Ambulatory15 - raw (outliers remove  
(n = 1914 )**



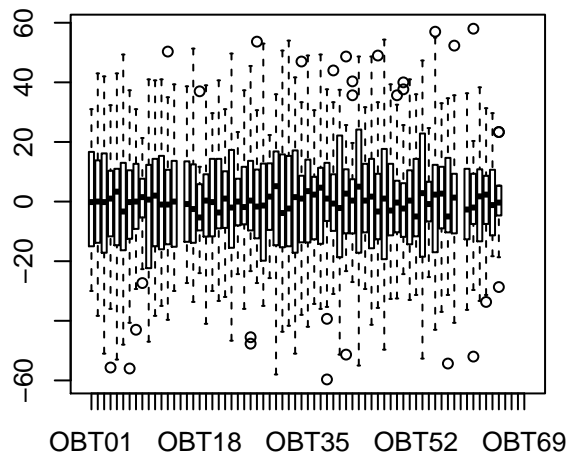
**Residuals (n = 1833 )**



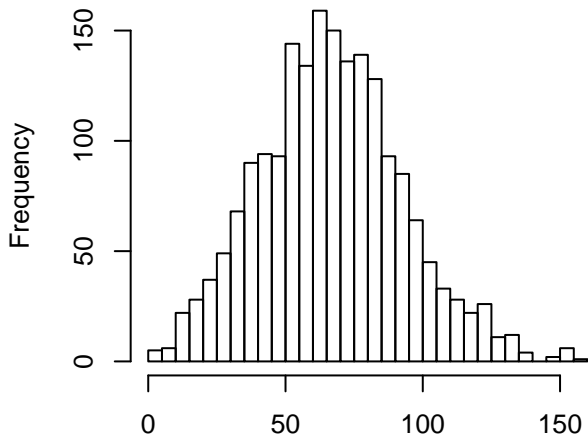
**Residuals**



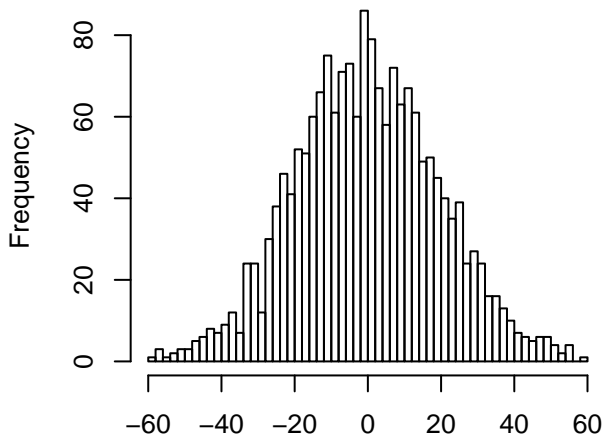
**Residuals**



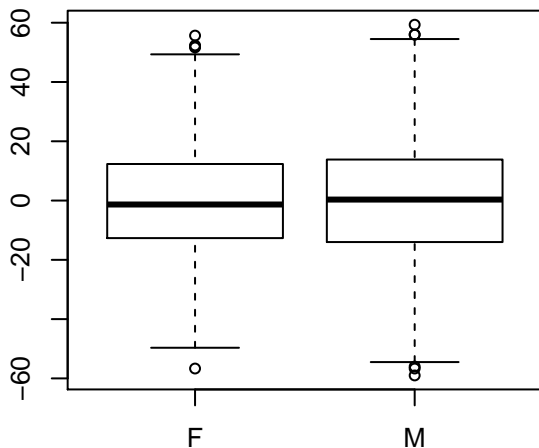
**PAS.Ambulatory20 - raw (outliers remove  
(n = 1914 )**



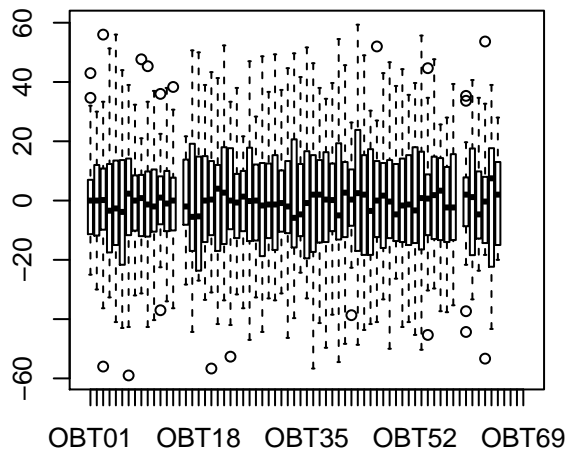
**Residuals (n = 1833 )**



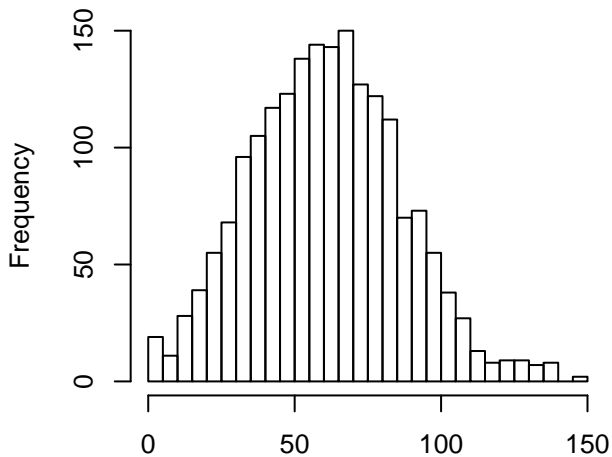
**Residuals**



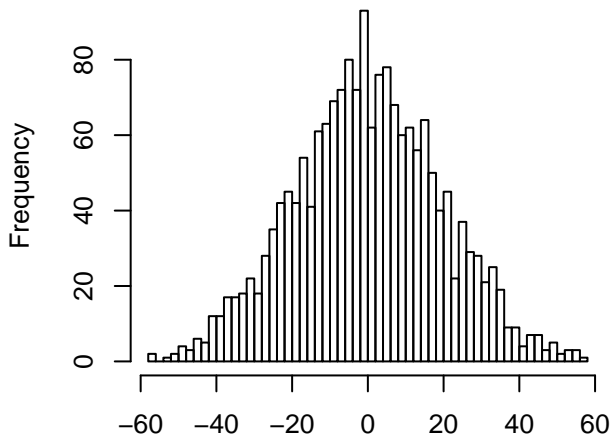
**Residuals**



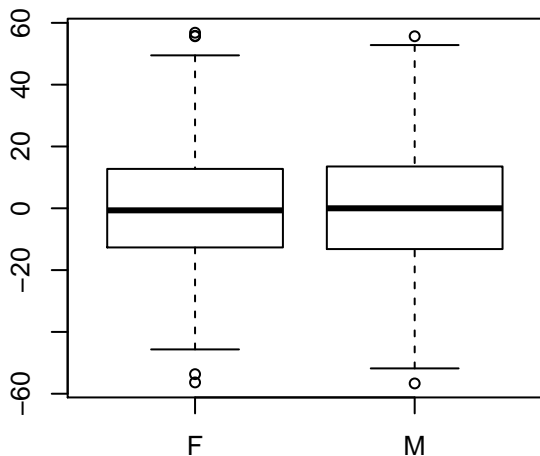
**PAS.Ambulatory25 - raw (outliers remove  
(n = 1916 )**



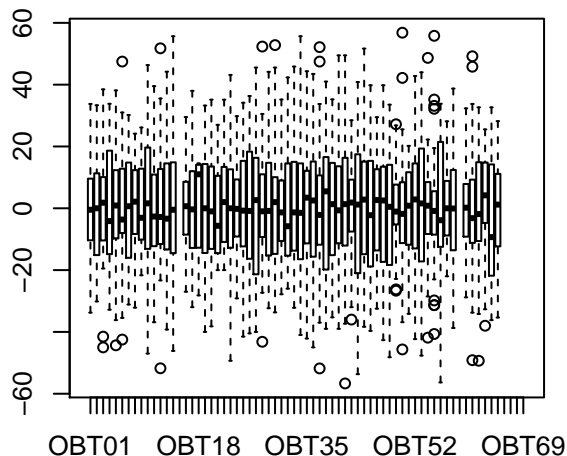
**Residuals (n = 1831 )**



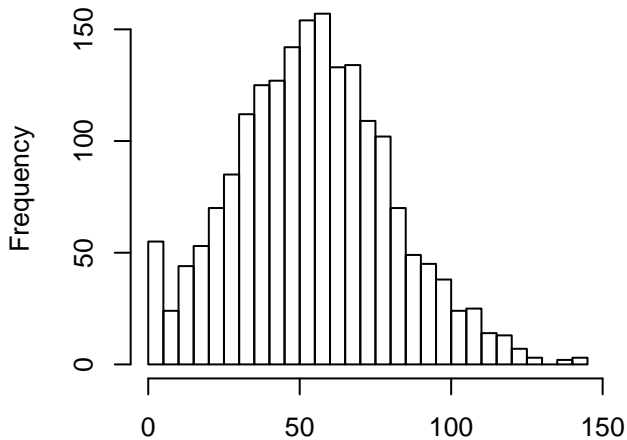
**Residuals**



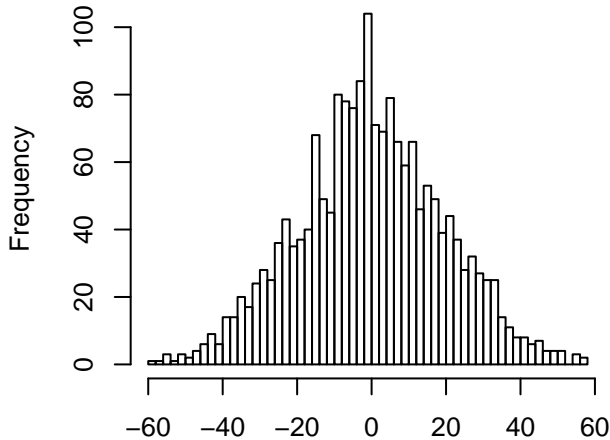
**Residuals**



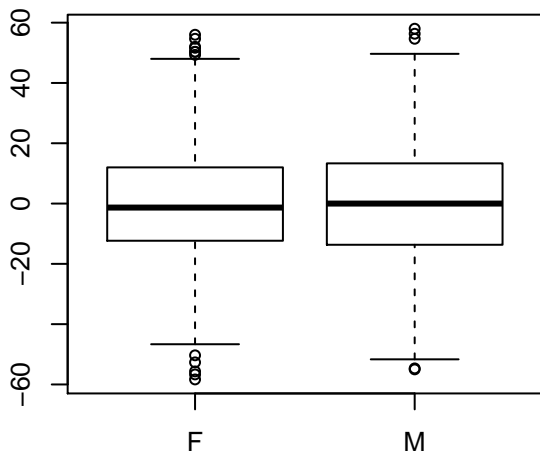
**PAS.Ambulatory30 - raw (outliers remove  
(n = 1919 )**



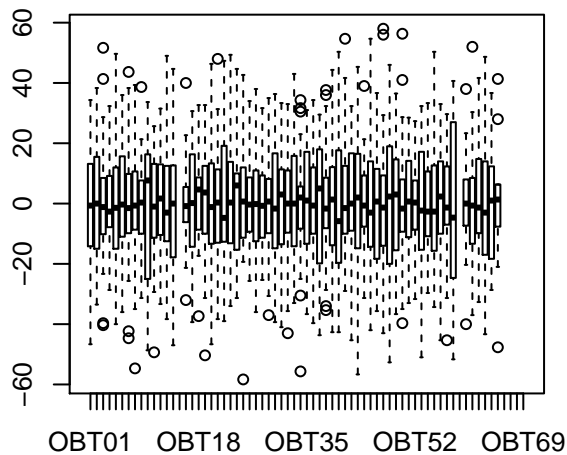
**Residuals (n = 1839 )**



**Residuals**

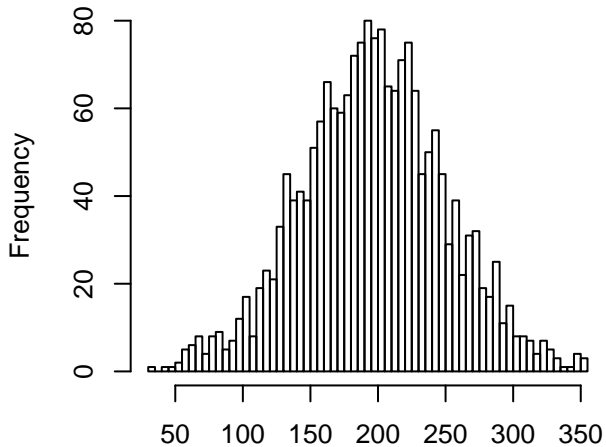


**Residuals**

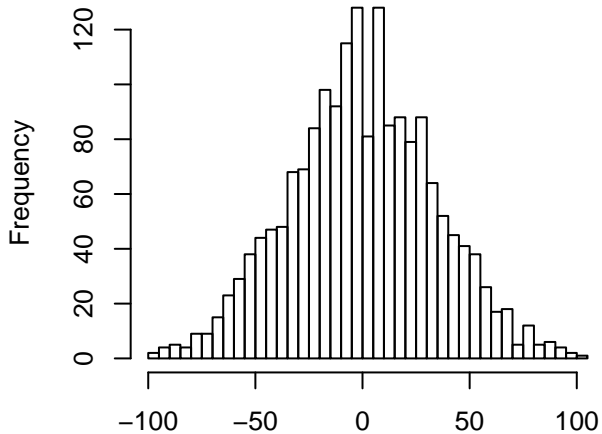




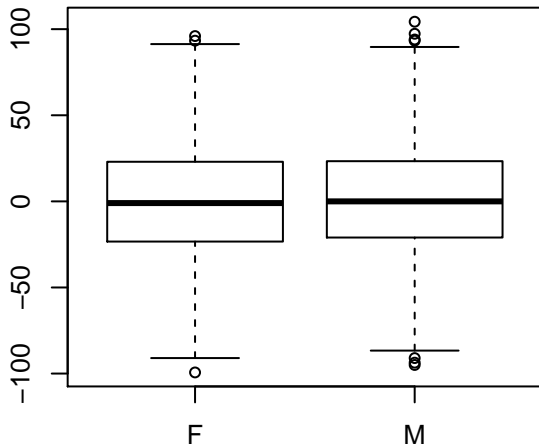
**PAS.Total5 – raw (outliers removed)**  
**(n = 1916 )**



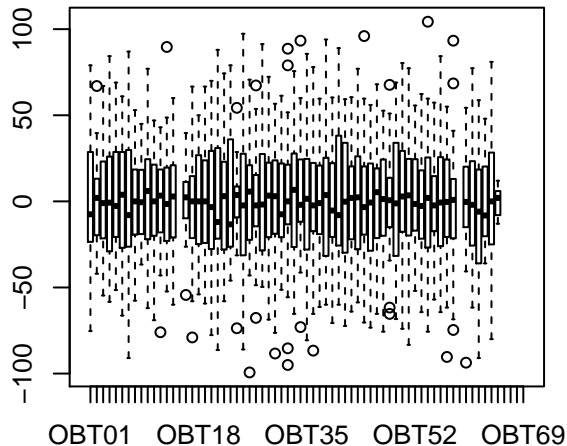
**Residuals (n = 1816 )**



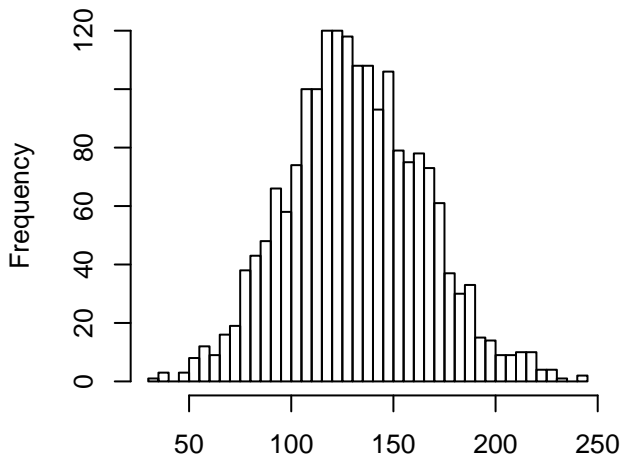
**Residuals**



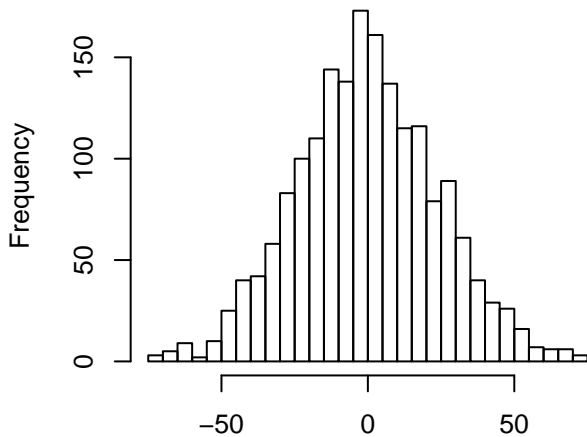
**Residuals**



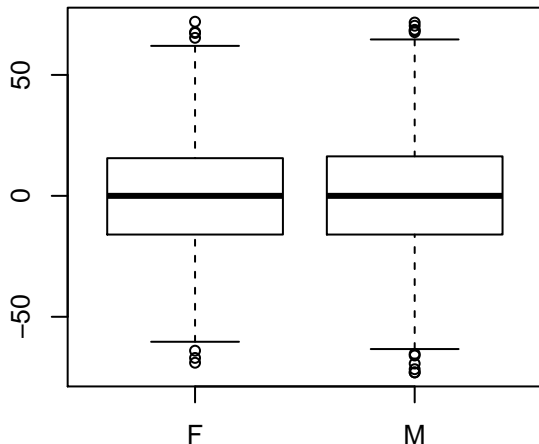
**PAS.Total10 – raw (outliers removed)**  
**(n = 1915 )**



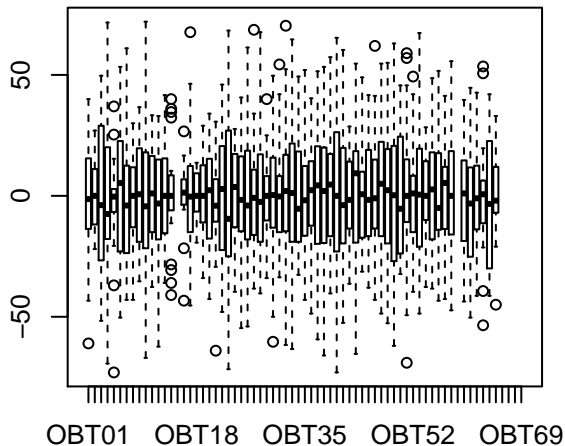
**Residuals (n = 1833 )**



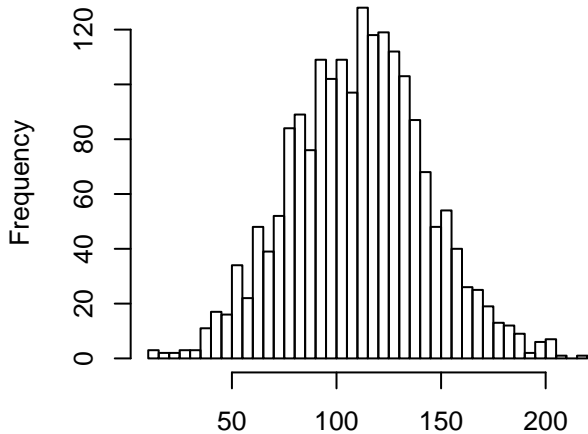
**Residuals**



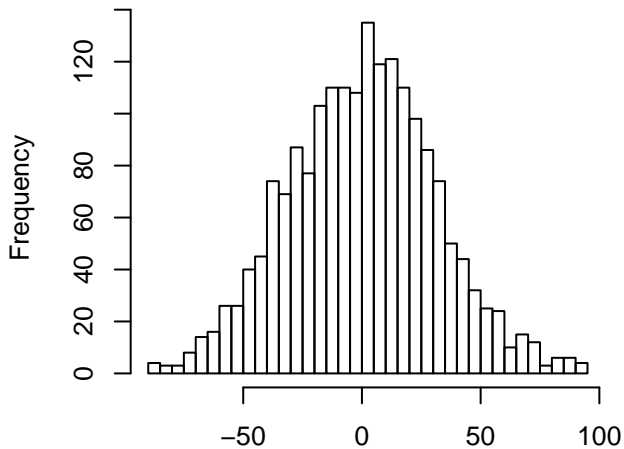
**Residuals**



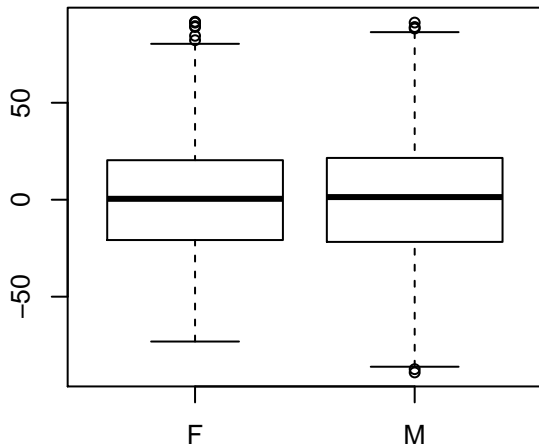
**PAS.Total15 – raw (outliers removed)**  
**(n = 1916)**



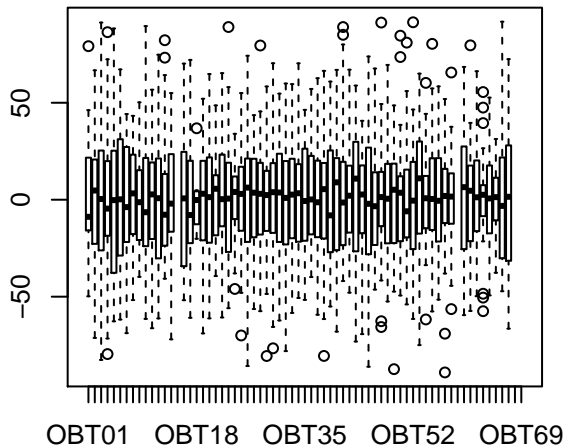
**Residuals (n = 1897)**



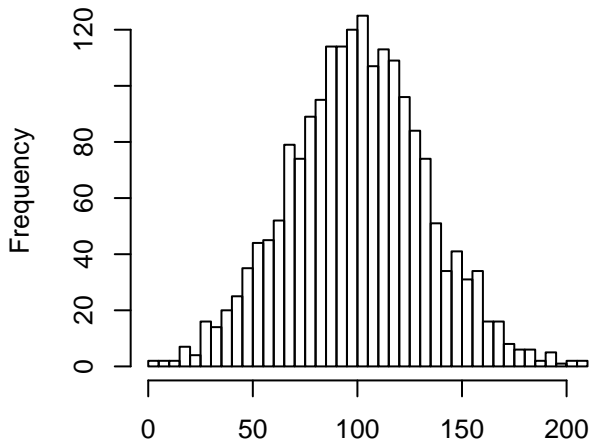
**Residuals**



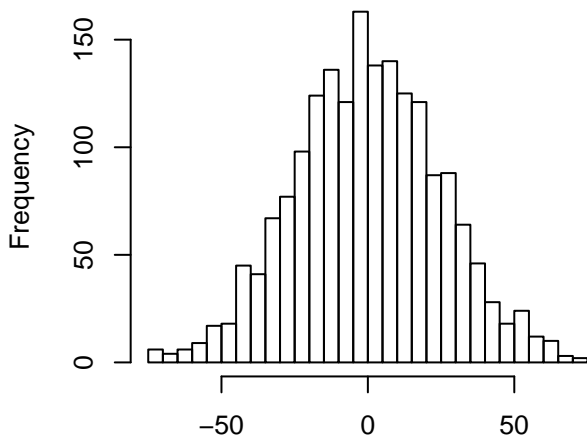
**Residuals**



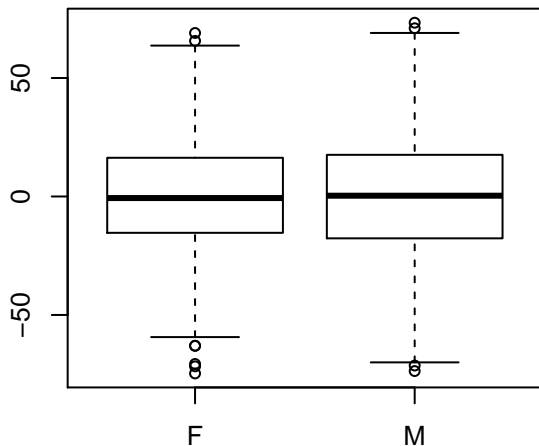
**PAS.Total20 – raw (outliers removed)**  
**(n = 1916 )**



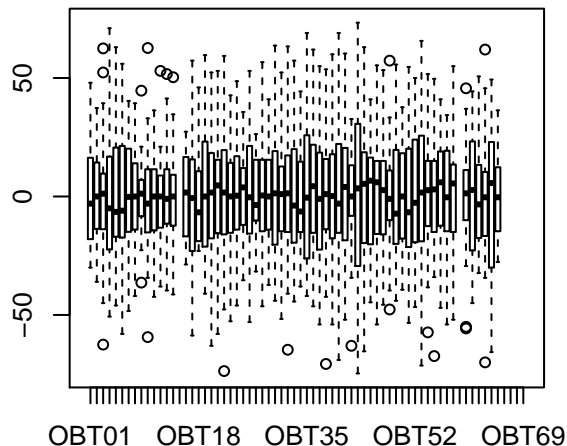
**Residuals (n = 1838 )**



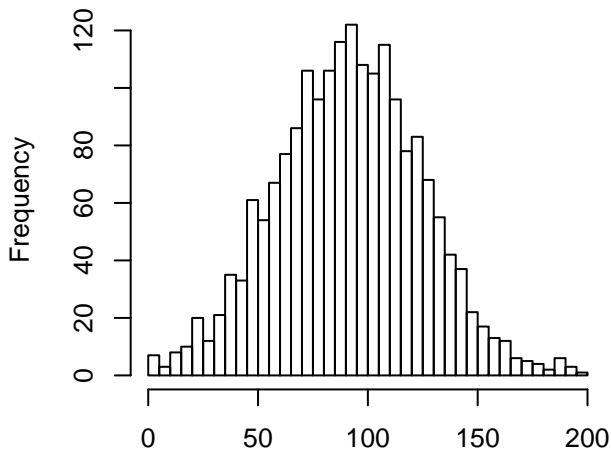
**Residuals**



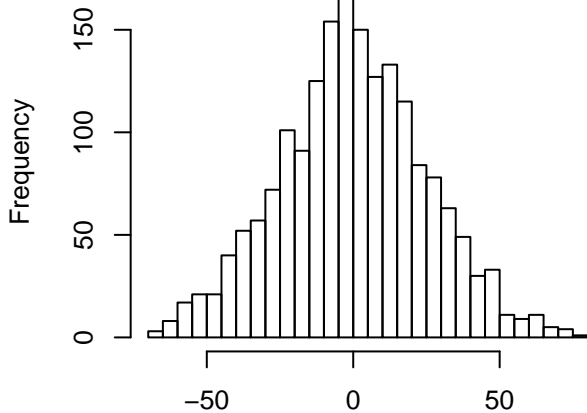
**Residuals**



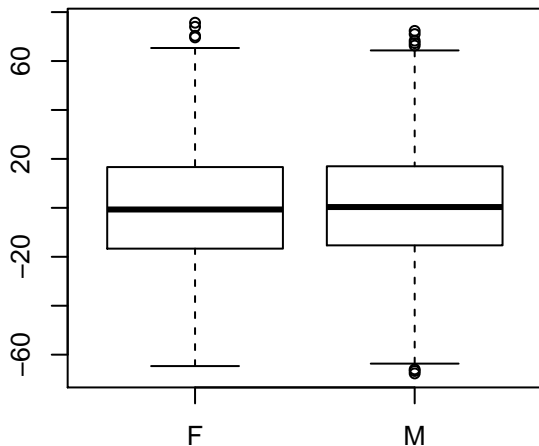
**PAS.Total25 – raw (outliers removed)**  
**(n = 1918 )**



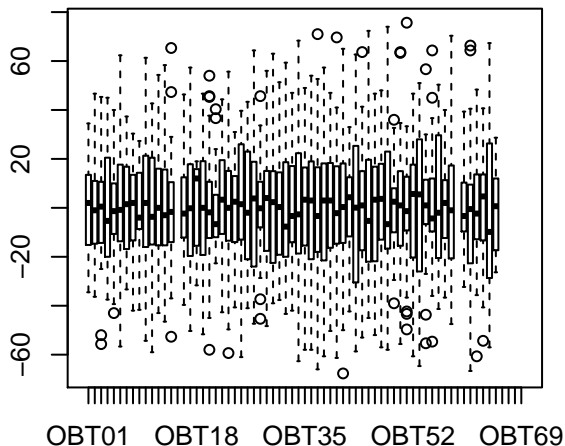
**Residuals (n = 1836 )**



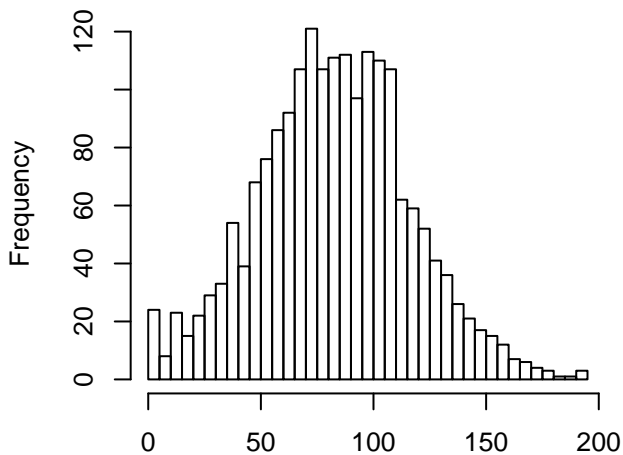
**Residuals**



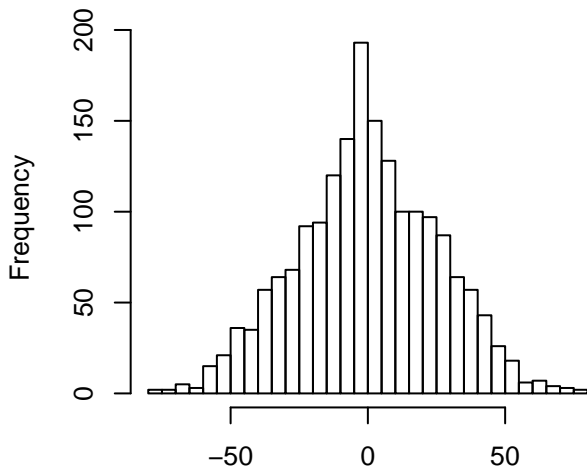
**Residuals**



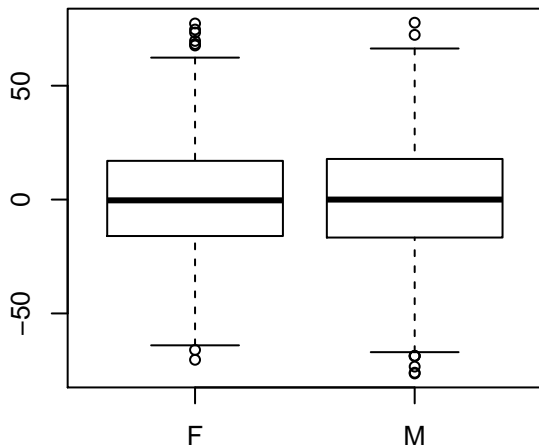
**PAS.Total30 – raw (outliers removed)**  
**(n = 1920 )**



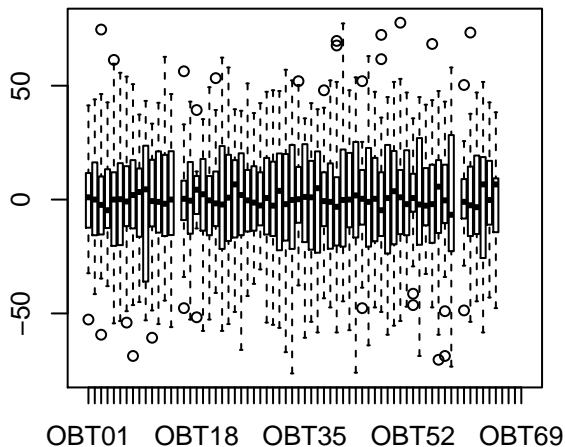
**Residuals (n = 1839 )**



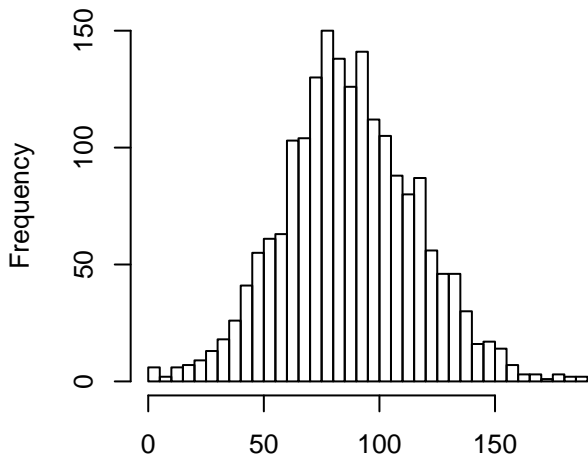
**Residuals**



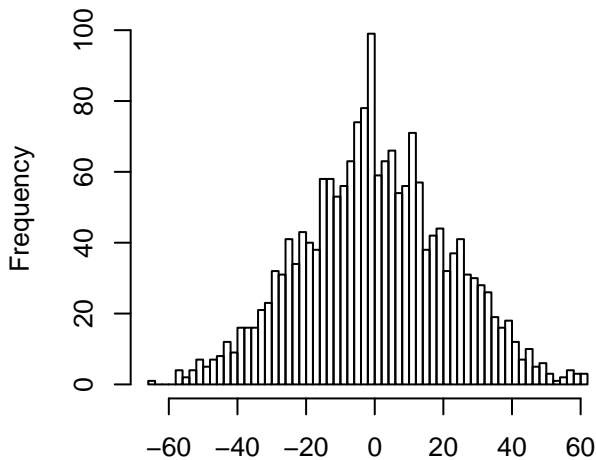
**Residuals**



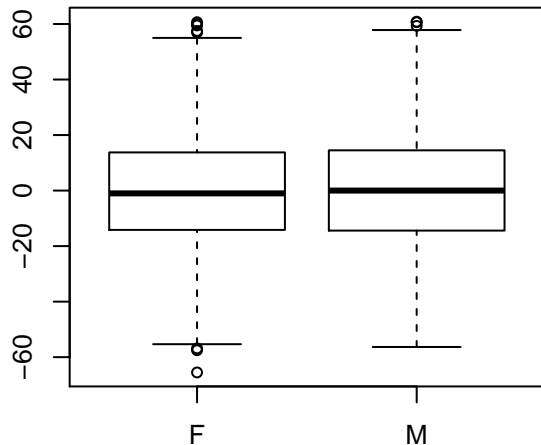
**PAS.Basal\_Activity – raw (outliers remove  
(n = 1917 )**



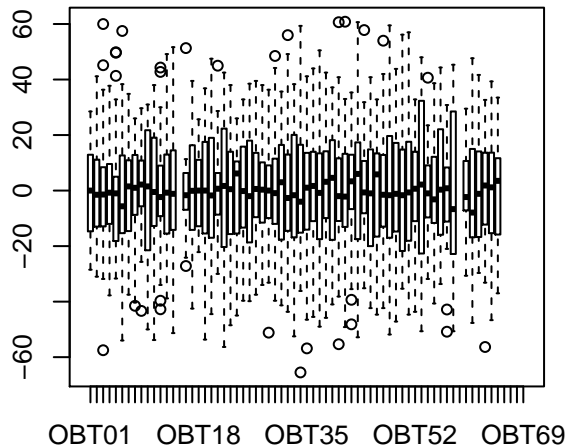
**Residuals (n = 1833 )**



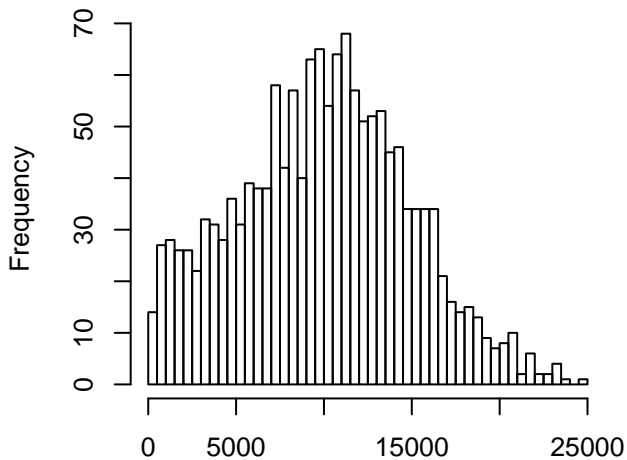
**Residuals**



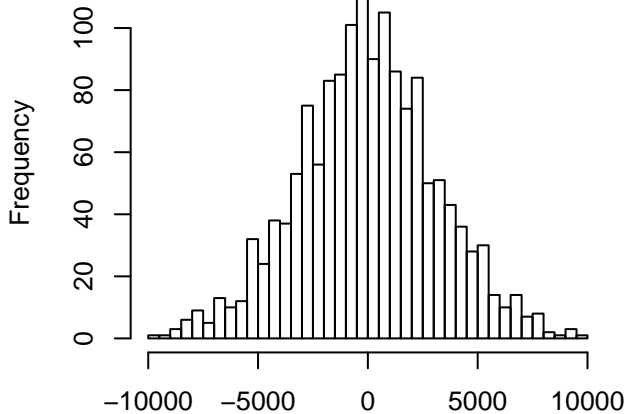
**Residuals**



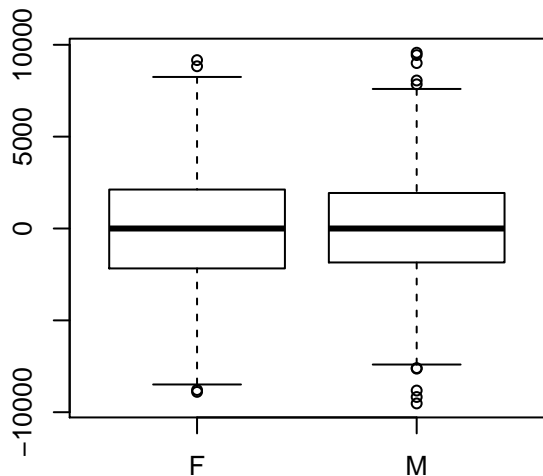
**Serotonin.Serotonin\_nM – raw (outliers remc  
(n = 1498 )**



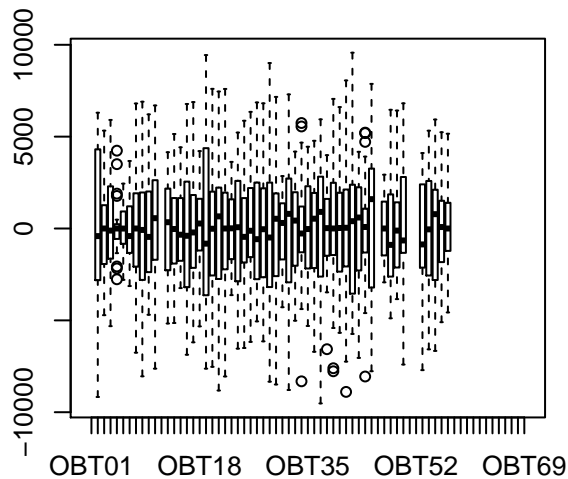
**Residuals (n = 1494 )**



**Residuals**

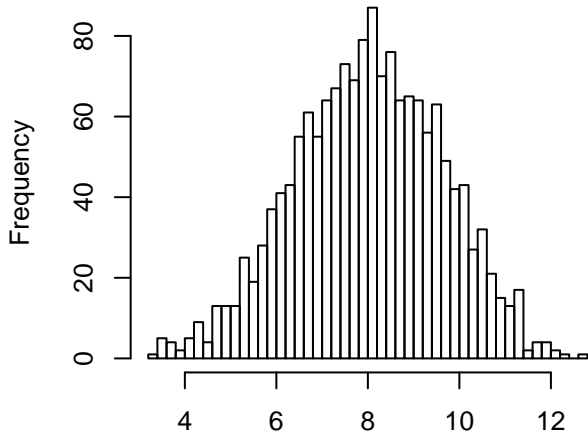


**Residuals**

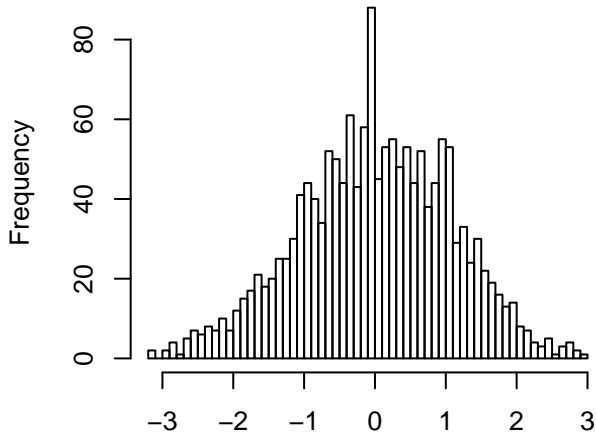




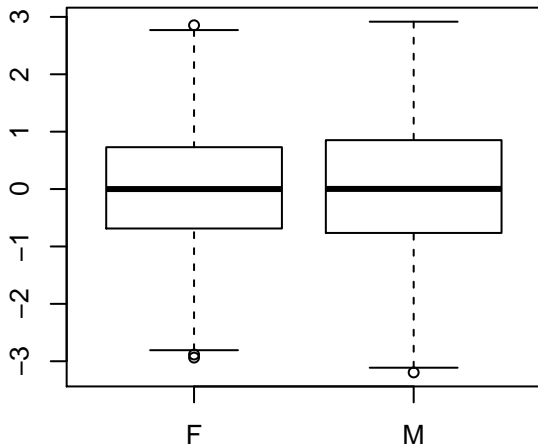
**Sleep.s24h - raw (outliers removed)**  
(n = 1603)



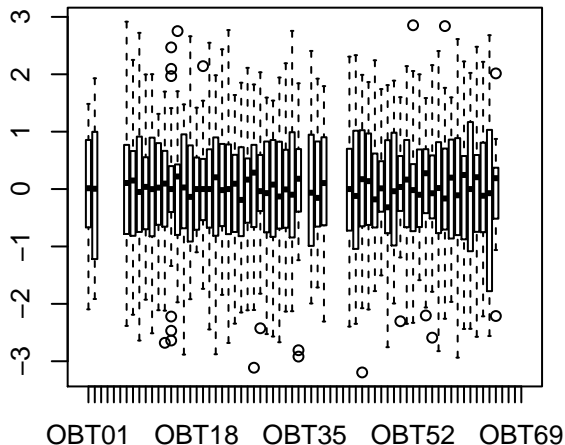
**Residuals (n = 1575)**



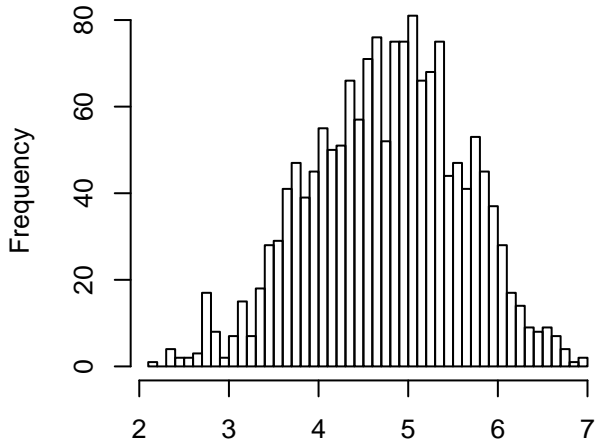
**Residuals**



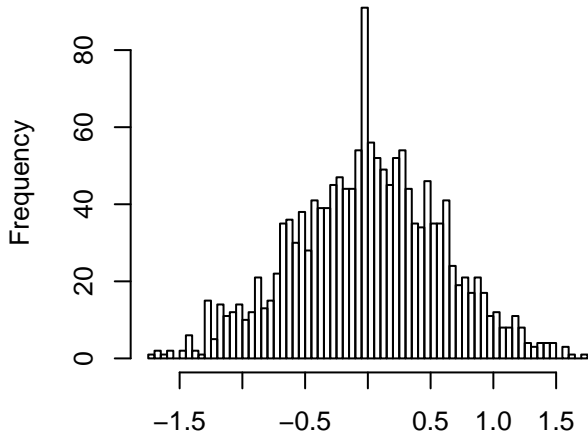
**Residuals**



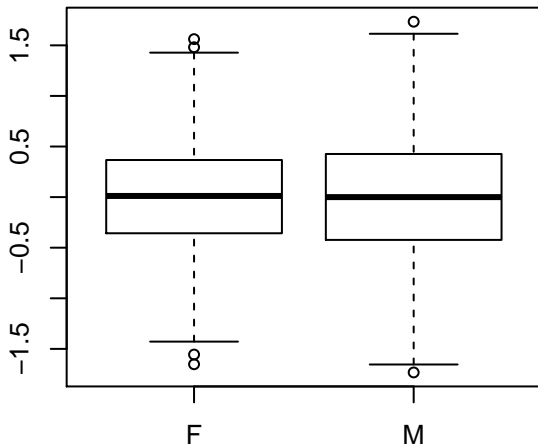
**Sleep.s12h\_L - raw (outliers removed)**  
(n = 1599)



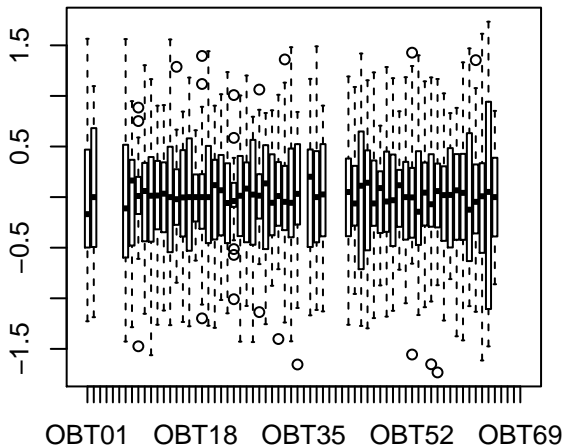
**Residuals (n = 1571)**



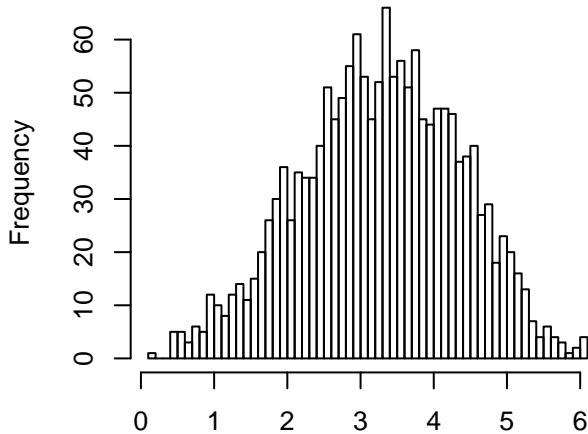
**Residuals**



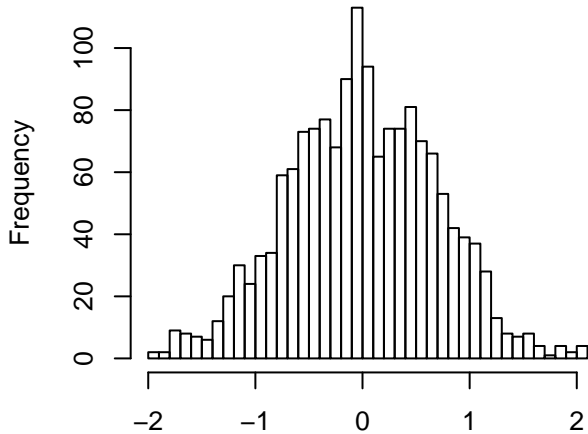
**Residuals**



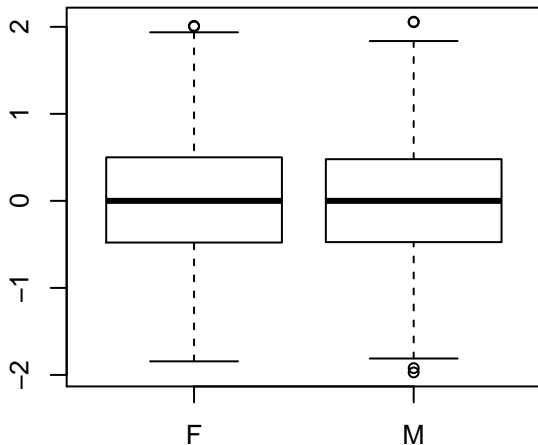
**Sleep.s12h\_D - raw (outliers removed)**  
(n = 1604 )



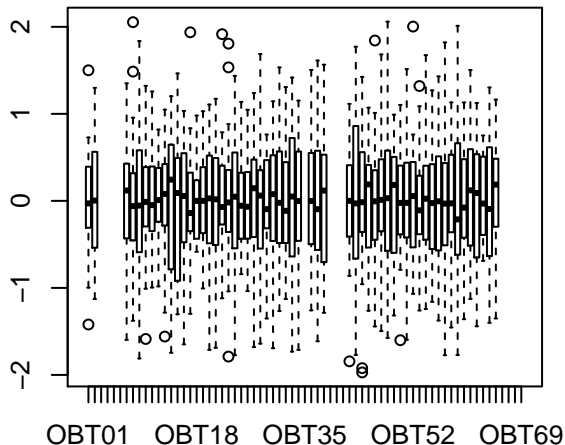
**Residuals (n = 1576 )**



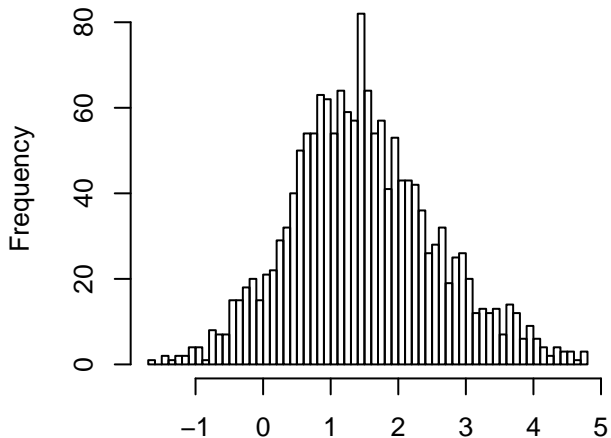
**Residuals**



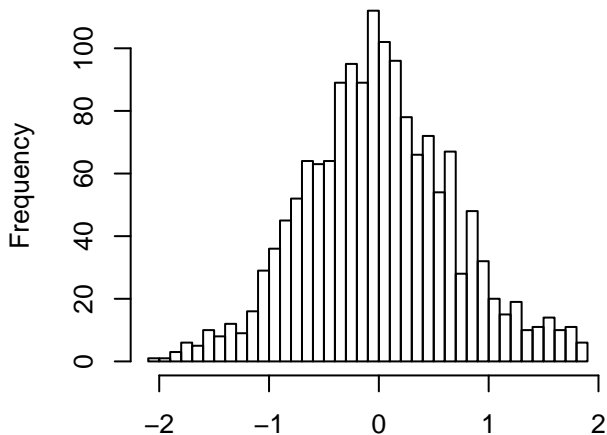
**Residuals**



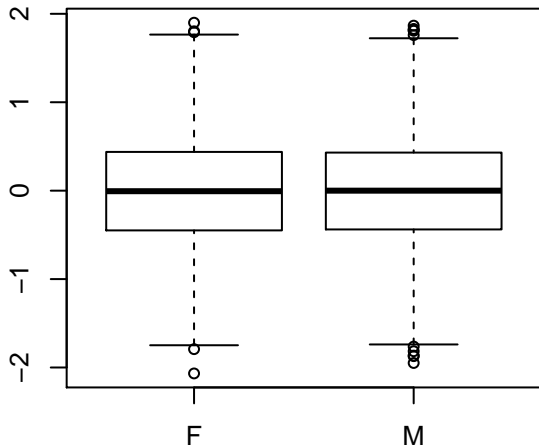
**Sleep.sDif\_LD – raw (outliers removed)**  
(n = 1598 )



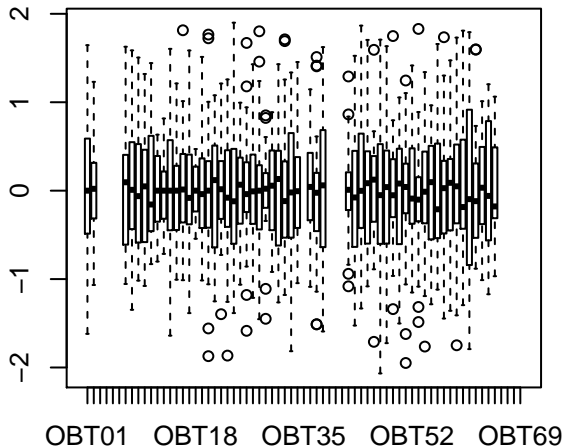
**Residuals (n = 1568 )**



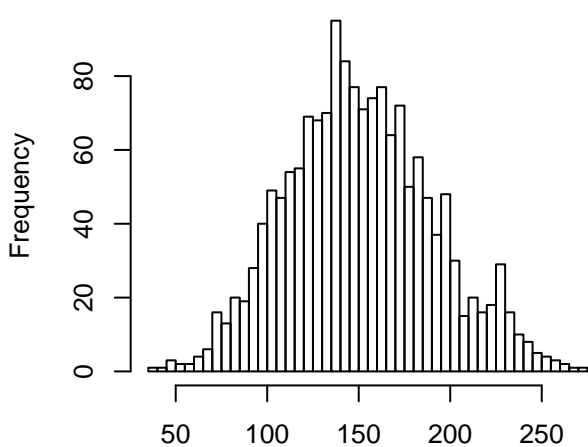
**Residuals**



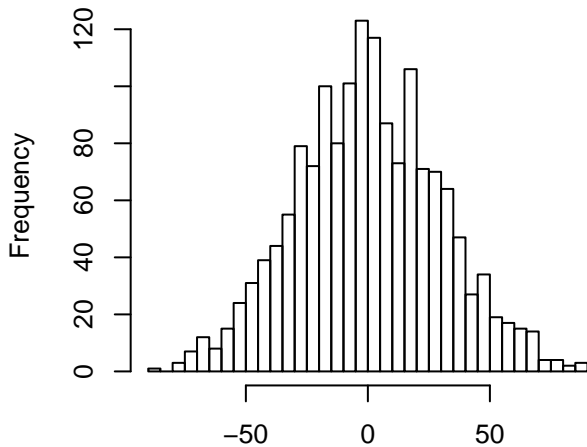
**Residuals**



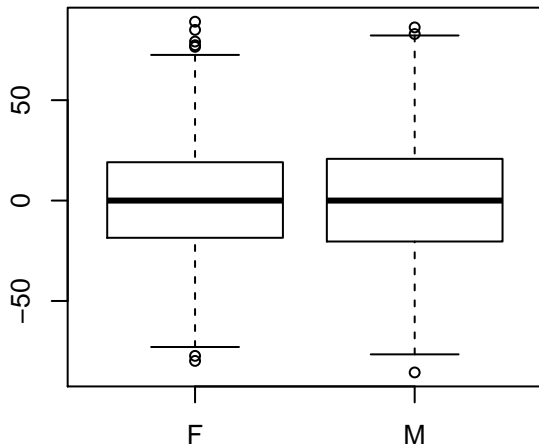
**Sleep.VAR – raw (outliers removed)**  
(n = 1599 )



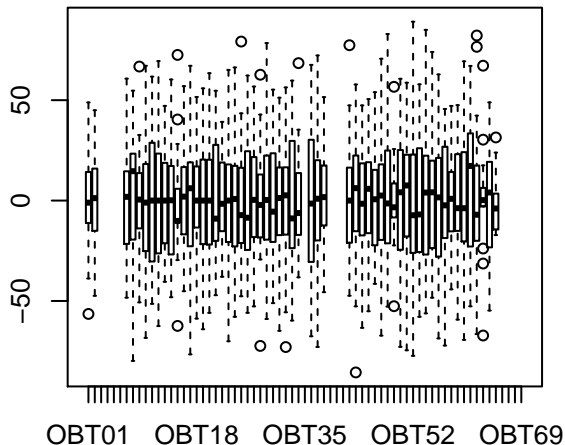
**Residuals (n = 1568 )**



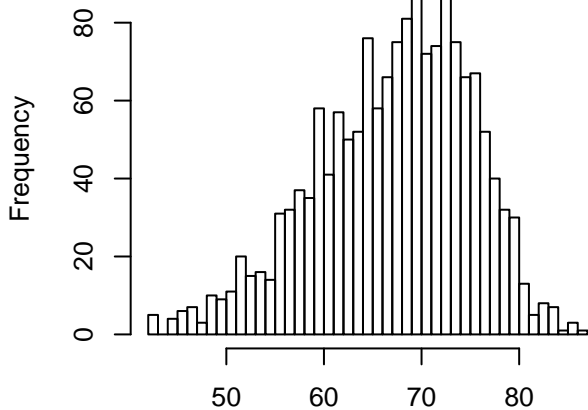
**Residuals**



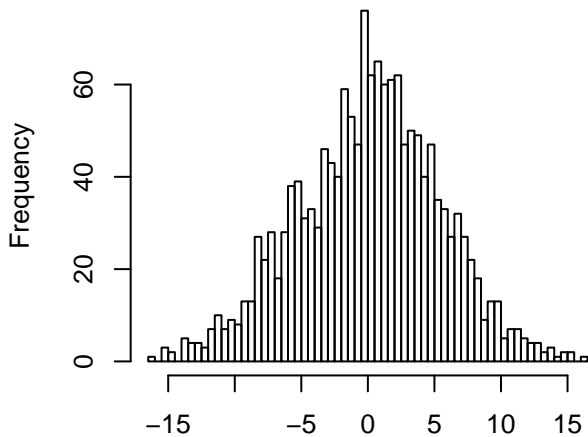
**Residuals**



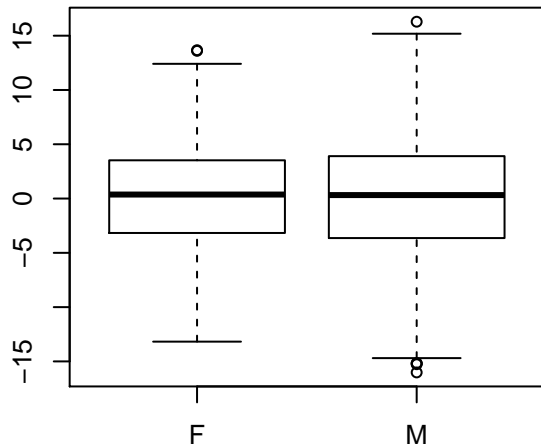
Percent\_wake\_over\_17min - raw (outliers) (n = 1594)



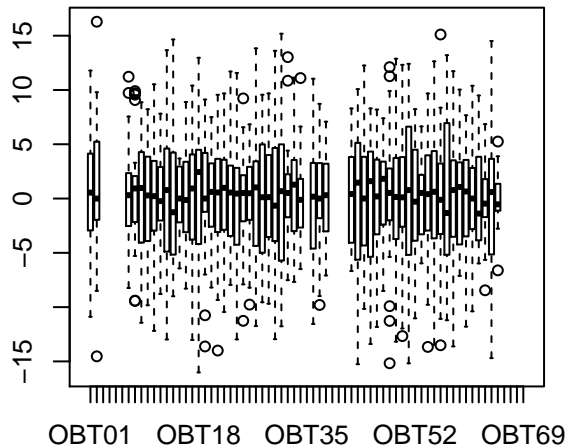
Residuals (n = 1561)



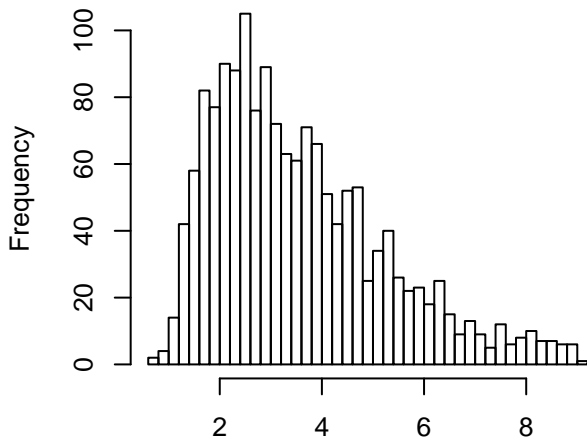
Residuals



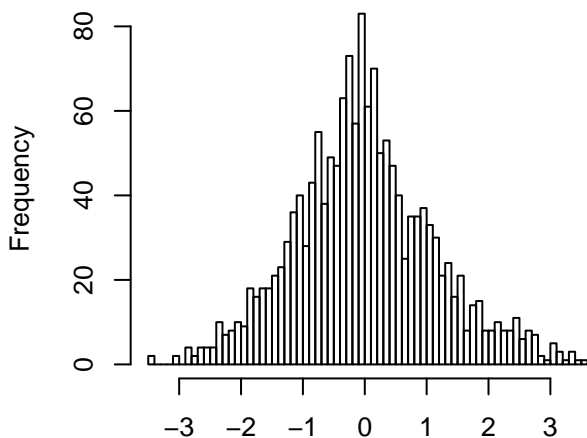
Residuals



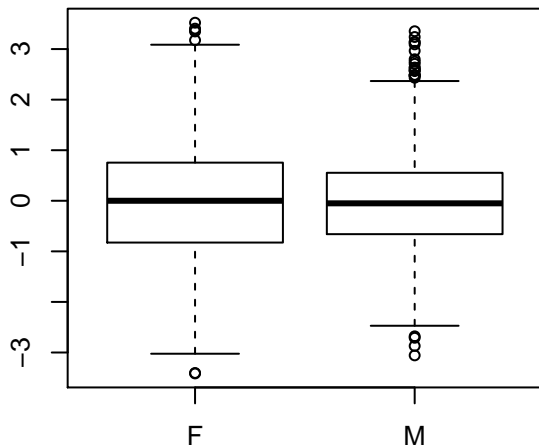
dep.Max\_wake\_episode.h - raw (outliers ren  
(n = 1585 )



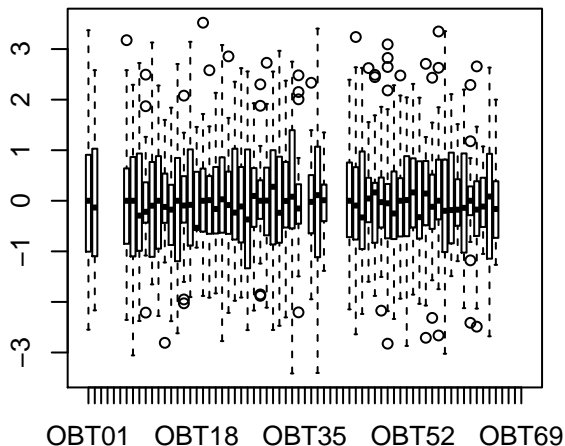
Residuals (n = 1547 )



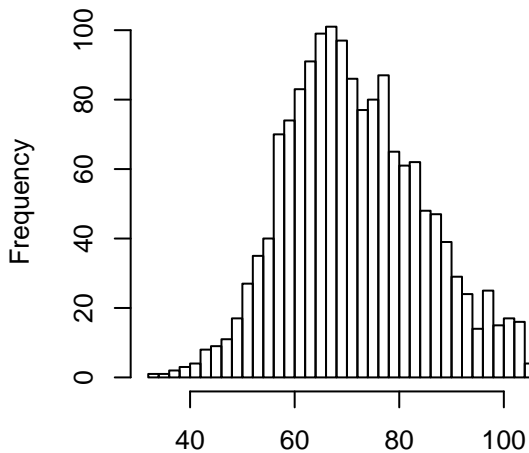
Residuals



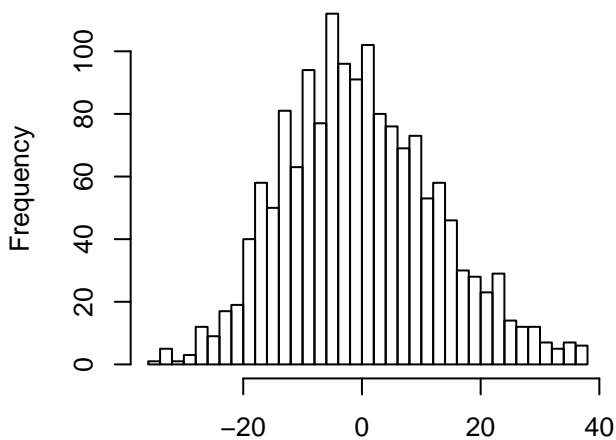
Residuals



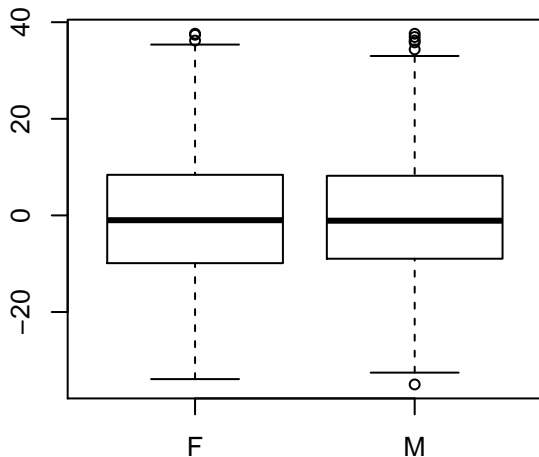
**Sleep.short\_sleep - raw (outliers remove  
(n = 1591 )**



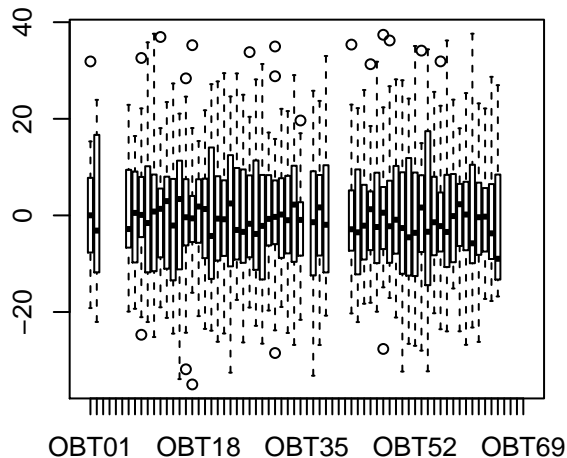
**Residuals (n = 1559 )**



**Residuals**

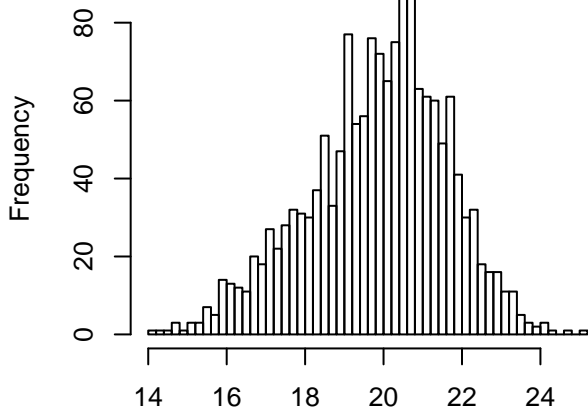


**Residuals**

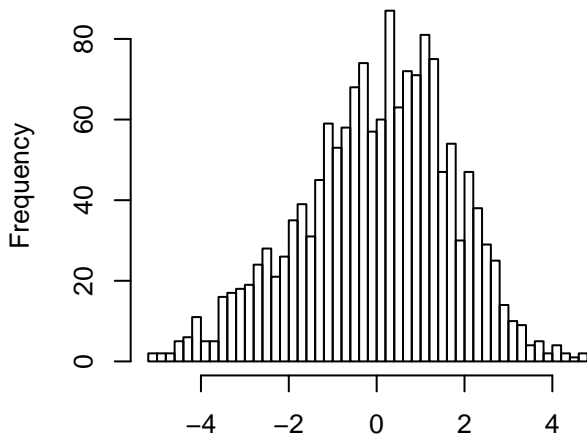




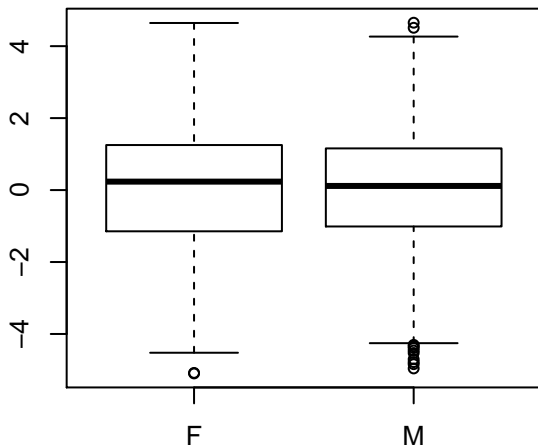
**Sleep.long\_sleep - raw (outliers removed)**  
(n = 1588)



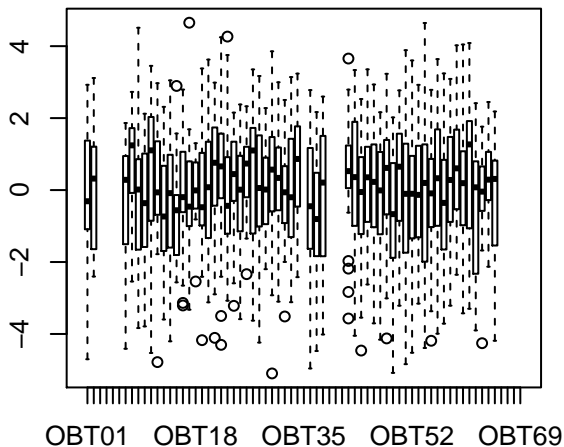
**Residuals (n = 1558)**



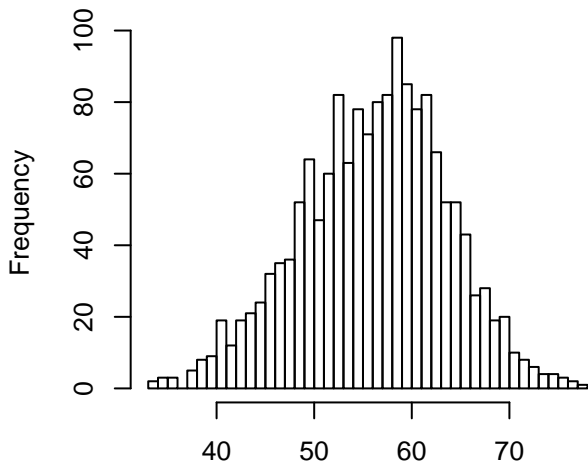
**Residuals**



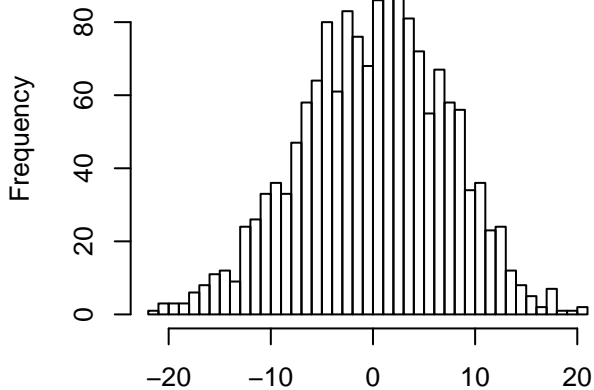
**Residuals**



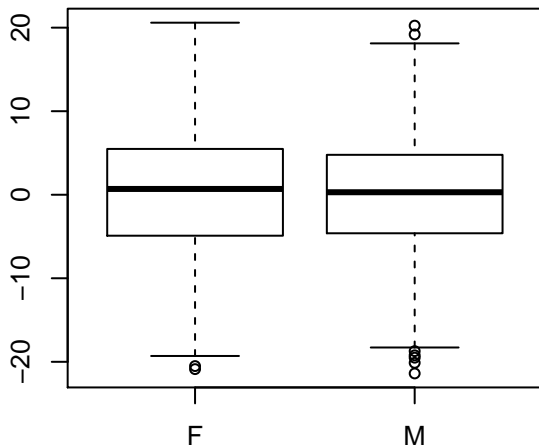
pp.long\_sleep.percent\_total - raw (outliers removed)  
(n = 1594)



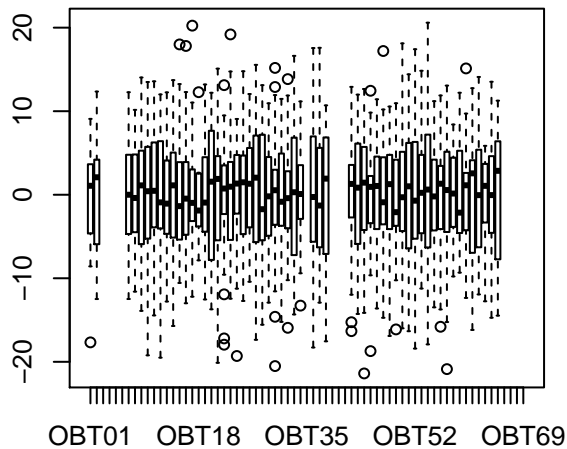
Residuals (n = 1565)



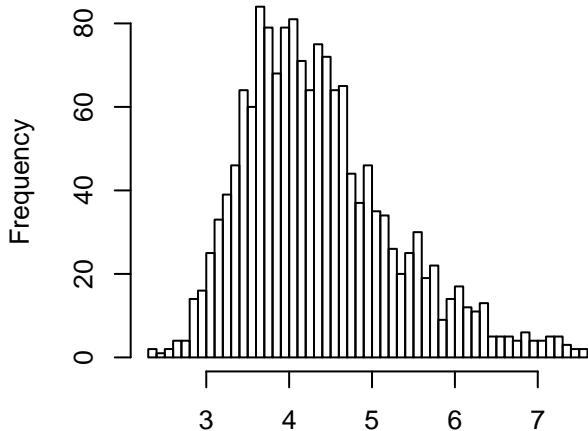
Residuals



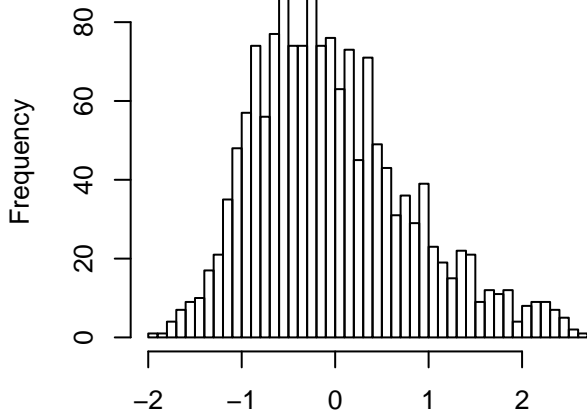
Residuals



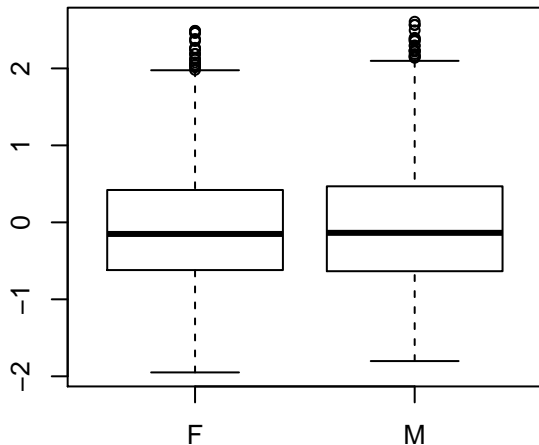
Sleep.longest\_sleep.min - raw (outliers remc  
(n = 1576 )



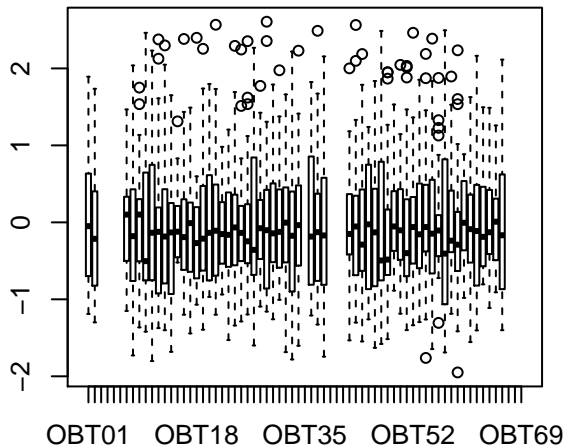
Residuals (n = 1560 )



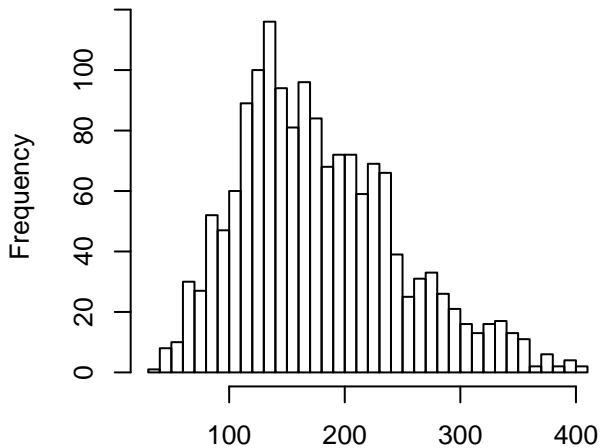
Residuals



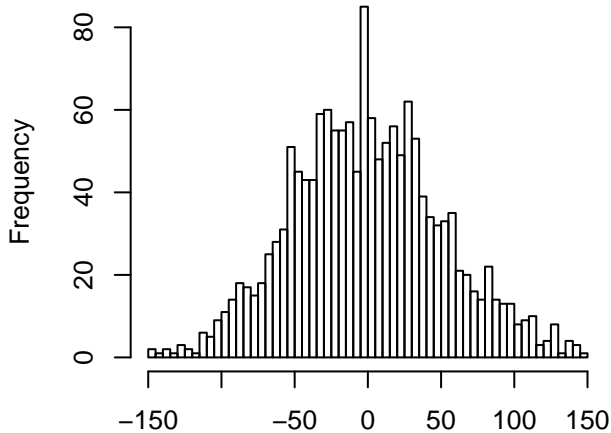
Residuals



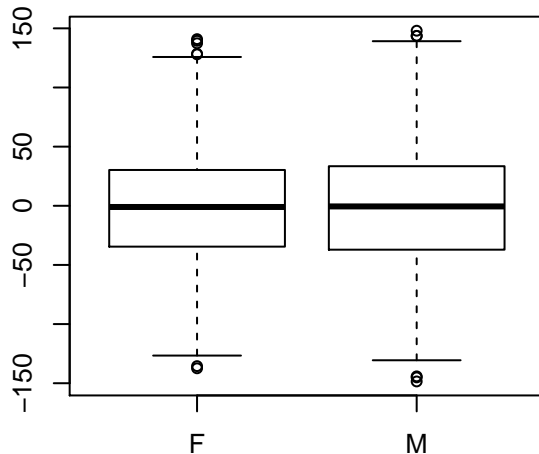
**Sleep.VAR\_1h - raw (outliers removed)**  
(n = 1578)



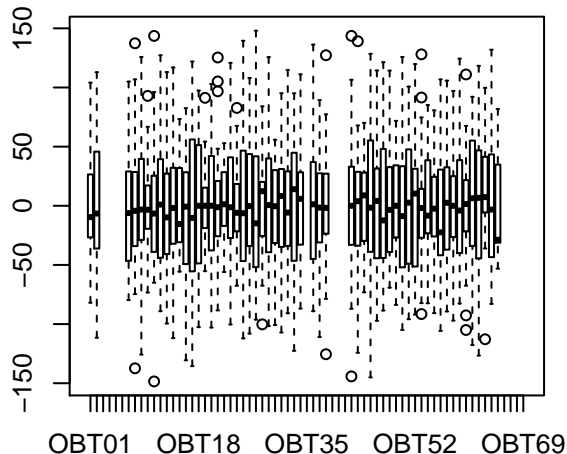
**Residuals (n = 1542)**



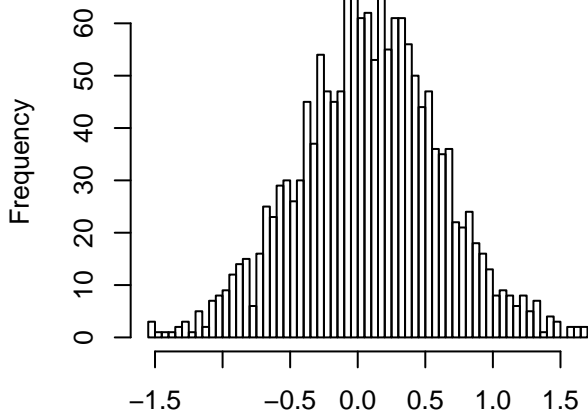
**Residuals**



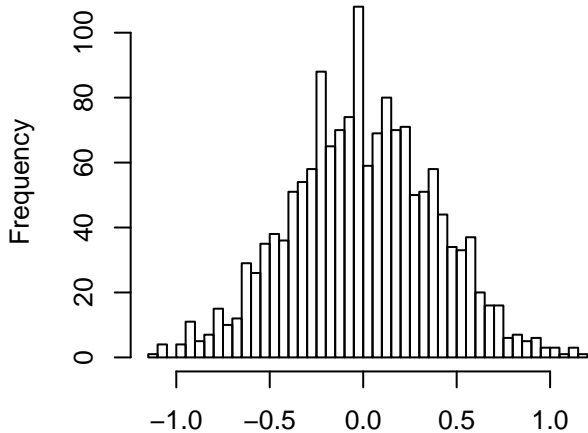
**Residuals**



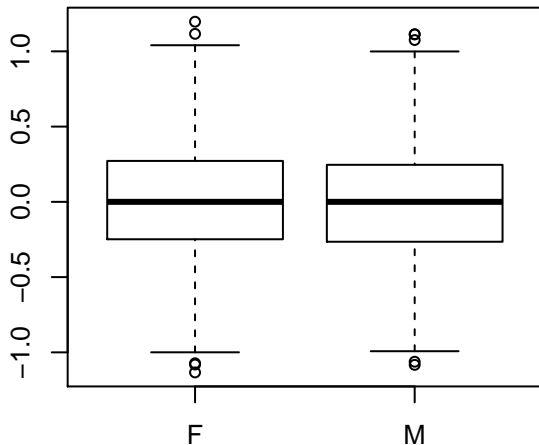
**Sleep.VAR\_12hL - raw (outliers removed)**  
(n = 1579 )



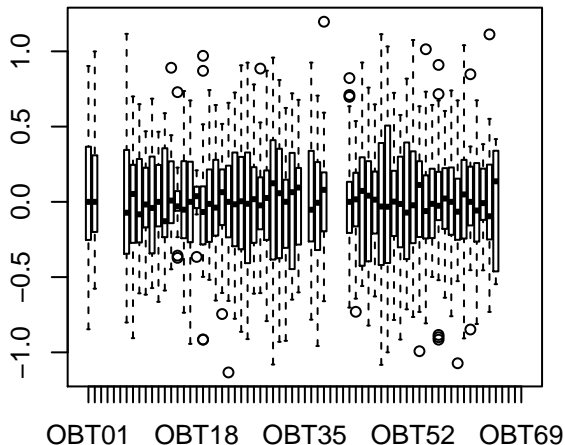
**Residuals (n = 1544 )**



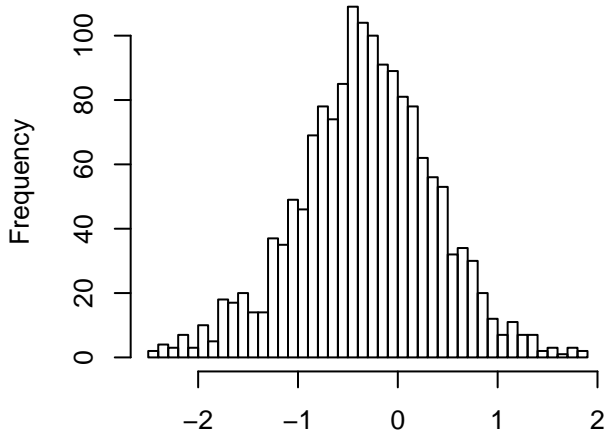
**Residuals**



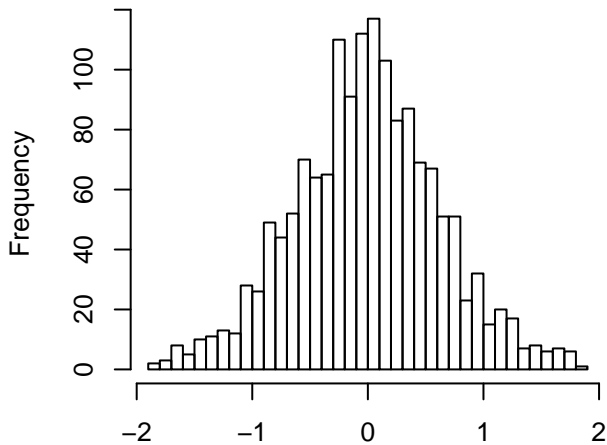
**Residuals**



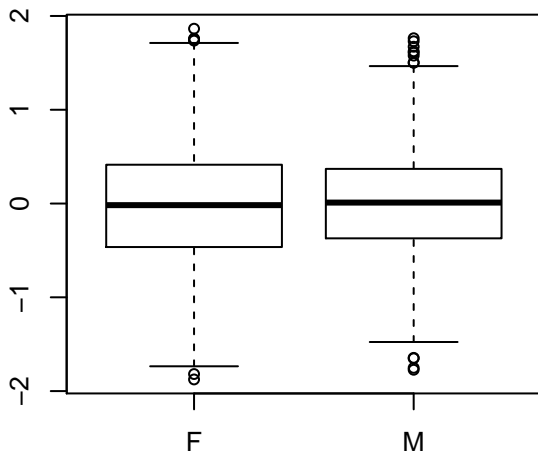
**Sleep.VAR\_12hD – raw (outliers removed)**  
(n = 1584 )



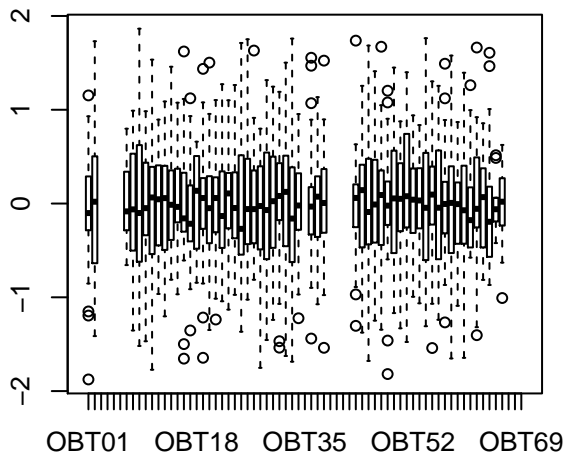
**Residuals (n = 1545 )**



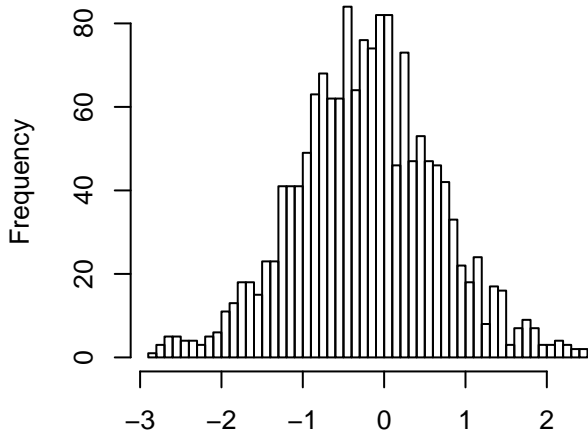
**Residuals**



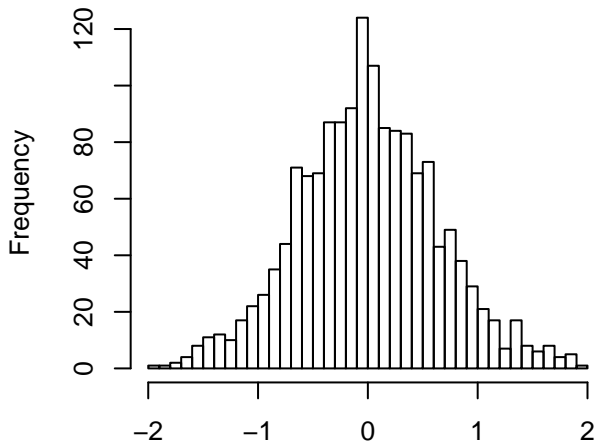
**Residuals**



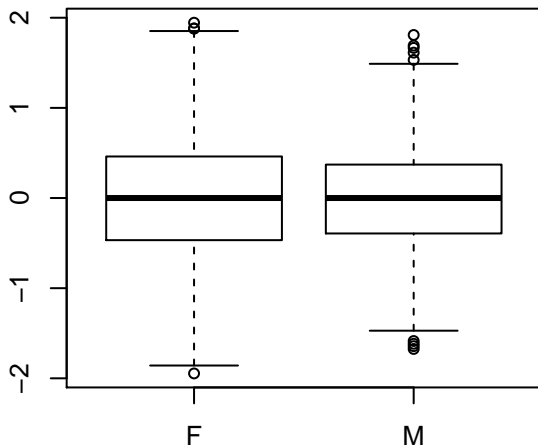
**Sleep.VAR\_24h - raw (outliers removed)**  
(n = 1581)



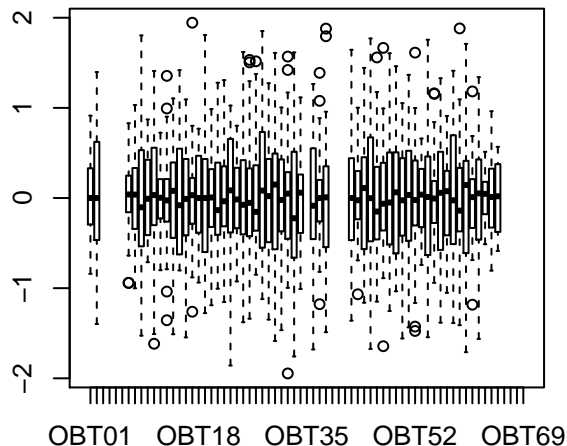
**Residuals (n = 1545)**



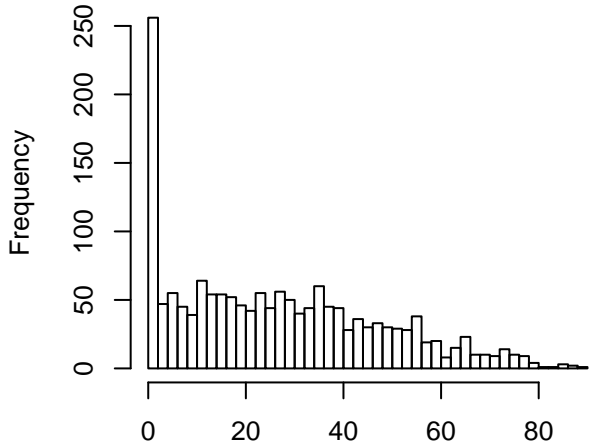
**Residuals**



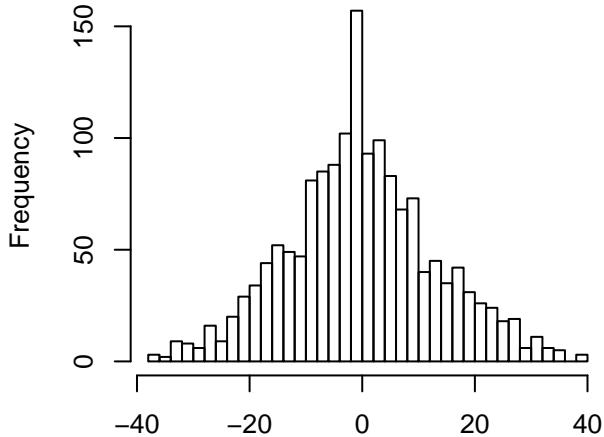
**Residuals**



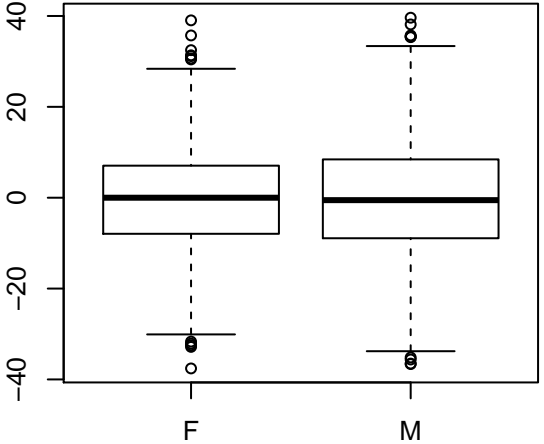
**Sleep.sleep\_L\_onset - raw (outliers remov  
(n = 1603 )**



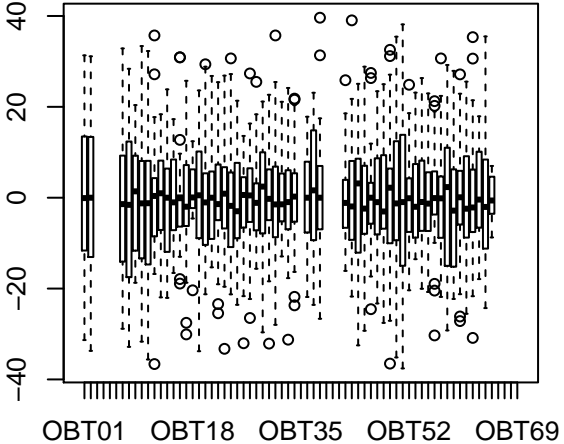
**Residuals (n = 1568 )**



**Residuals**

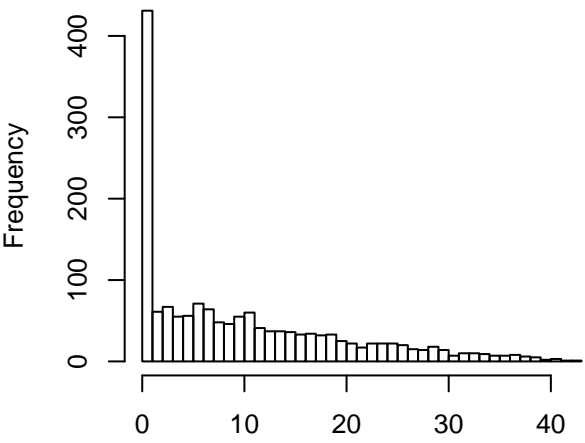


**Residuals**

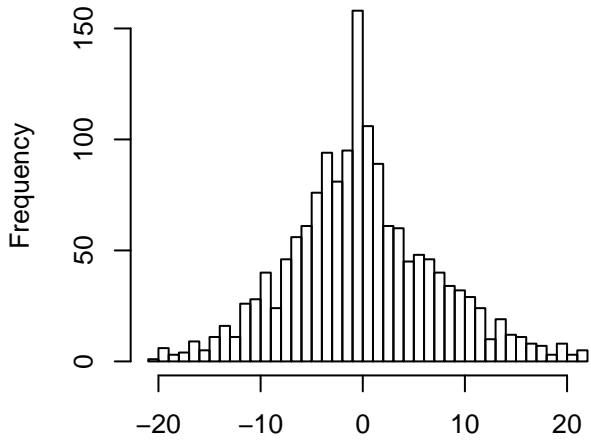




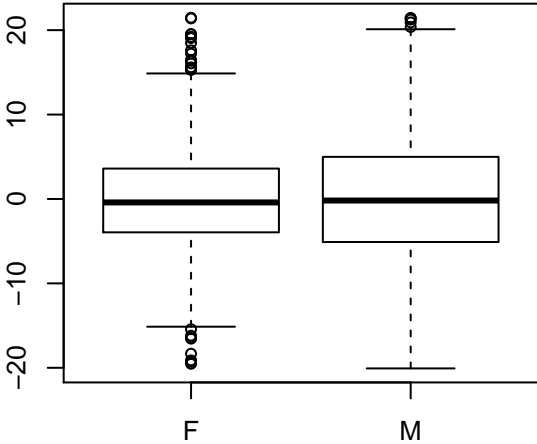
**Sleep.sleep\_D\_onset - raw (outliers remov  
(n = 1584 )**



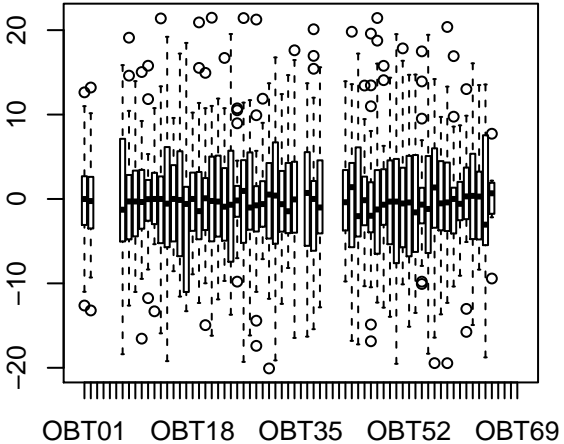
**Residuals (n = 1551 )**



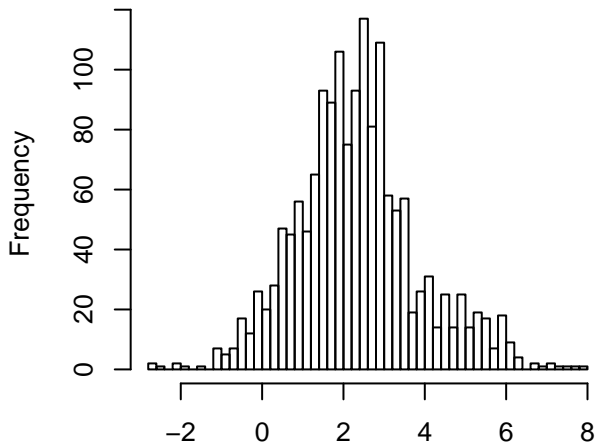
**Residuals**



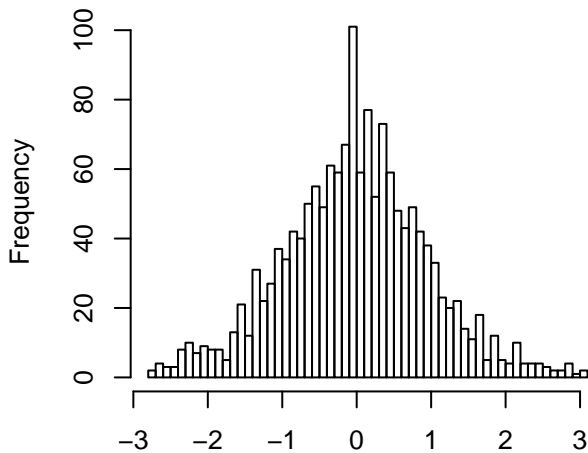
**Residuals**



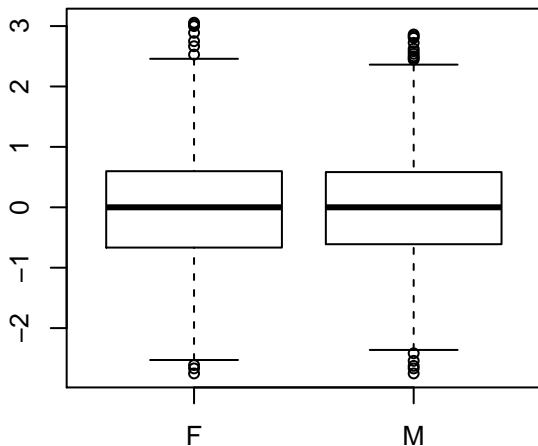
**Sleep.T\_max – raw (outliers removed)**  
(n = 1570 )



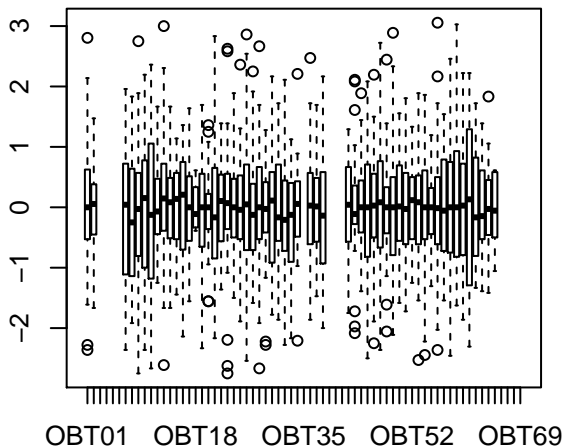
**Residuals (n = 1531 )**



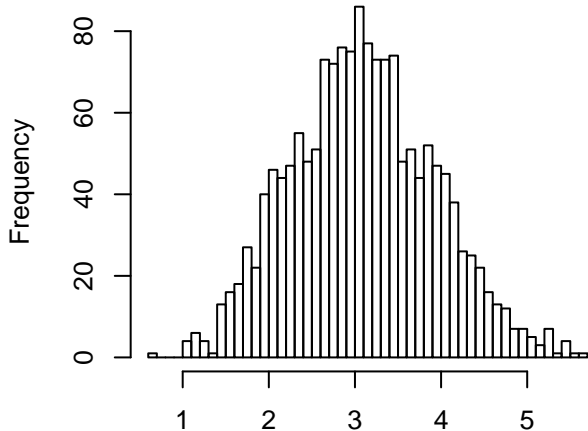
**Residuals**



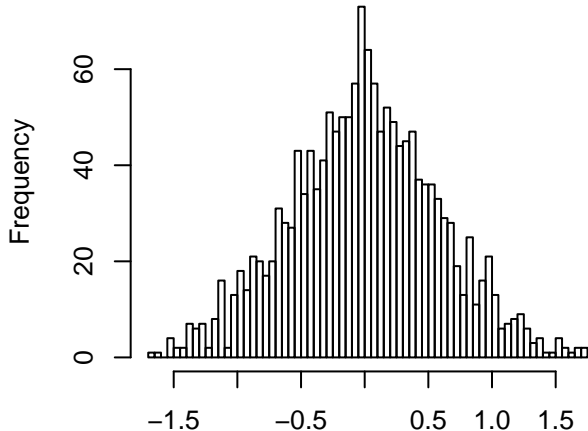
**Residuals**



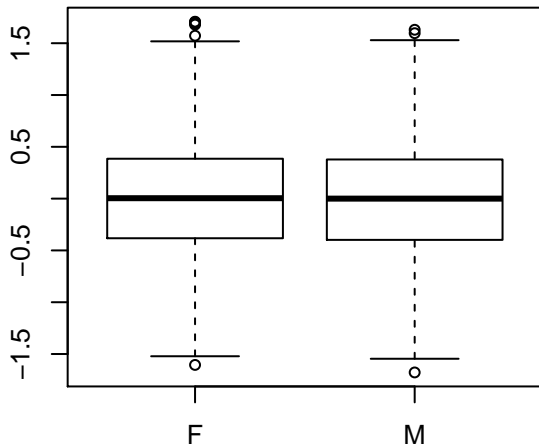
**Sleep.Ampl - raw (outliers removed)**  
(n = 1597)



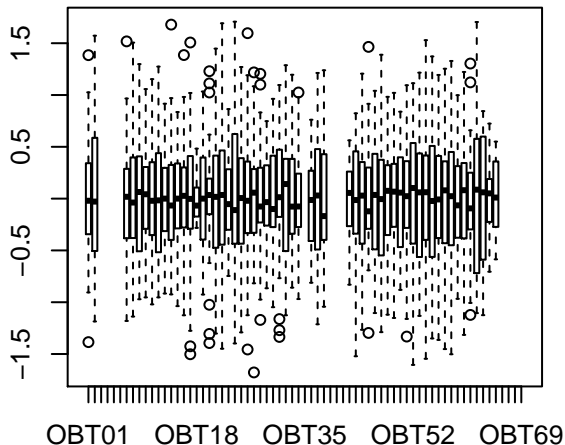
**Residuals (n = 1569)**



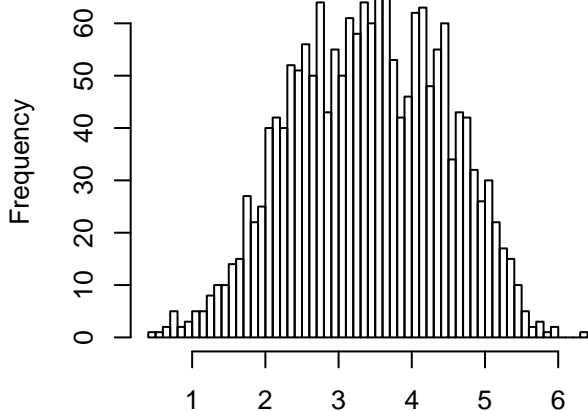
**Residuals**



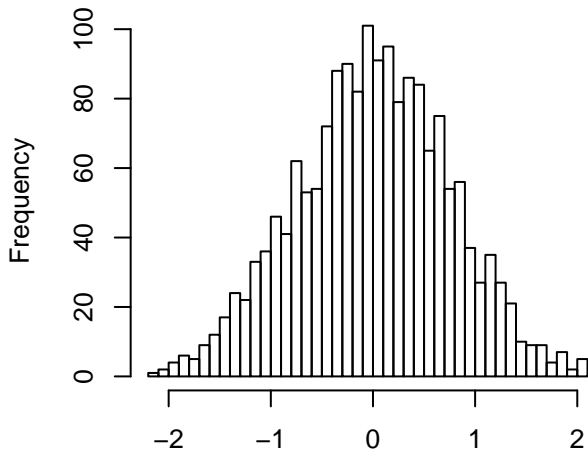
**Residuals**



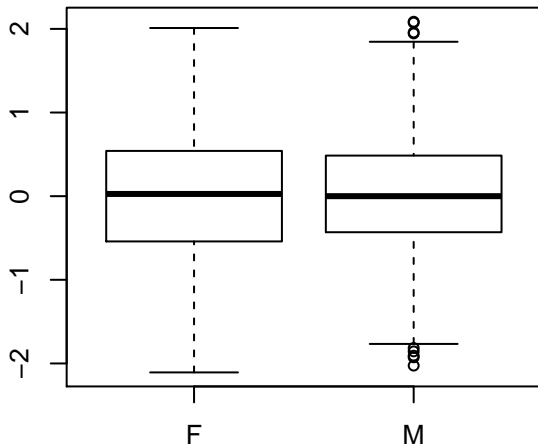
**SPPI.In\_pa - raw (outliers removed)**  
(n = 1788)



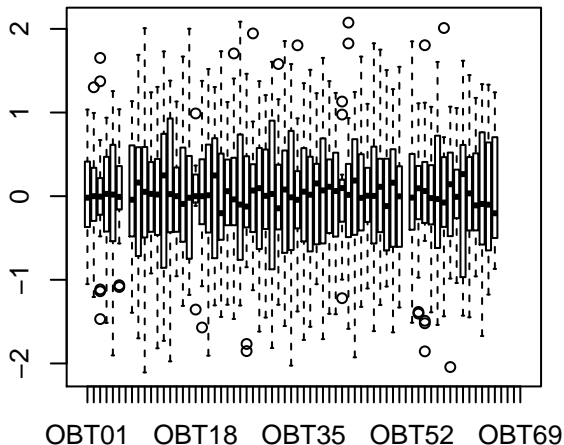
**Residuals (n = 1738)**



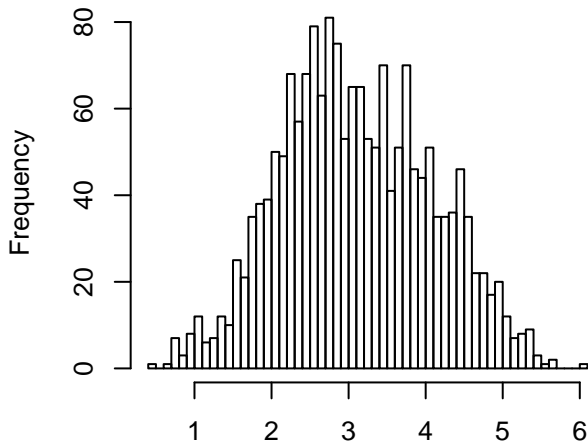
**Residuals**



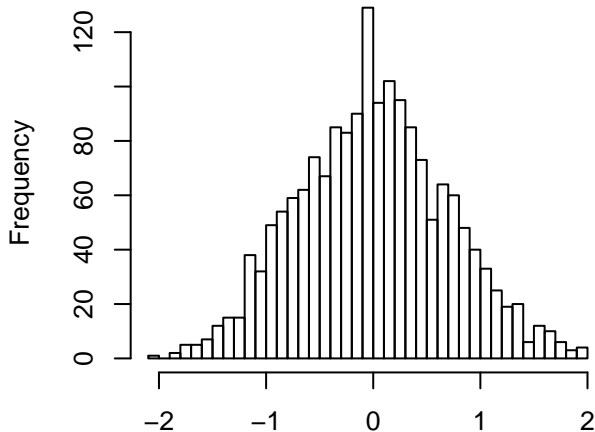
**Residuals**



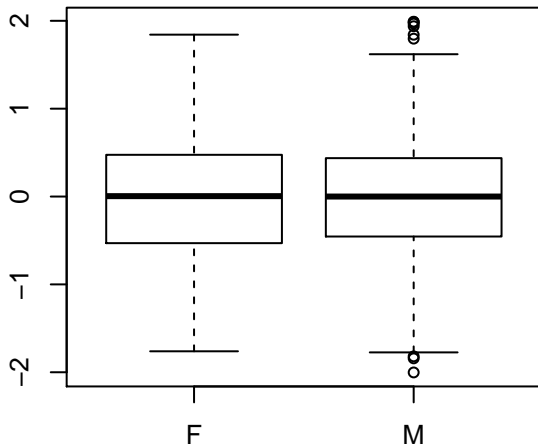
**SPPI.In\_pp6pa - raw (outliers removed)**  
(n = 1786 )



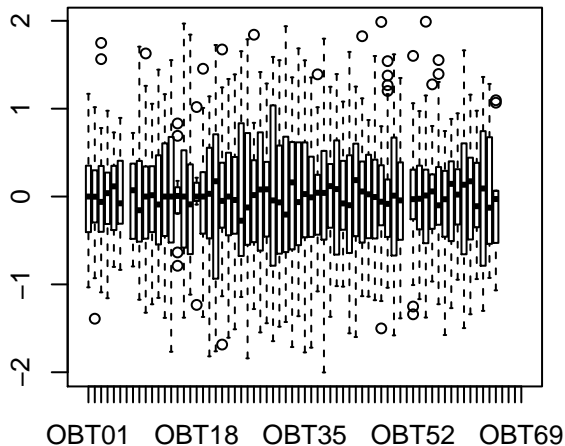
**Residuals (n = 1734 )**



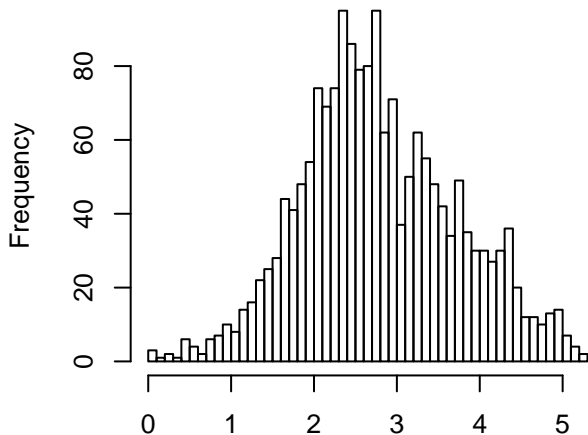
**Residuals**



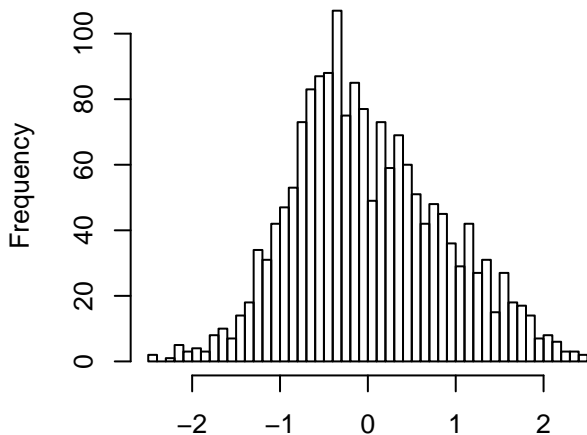
**Residuals**



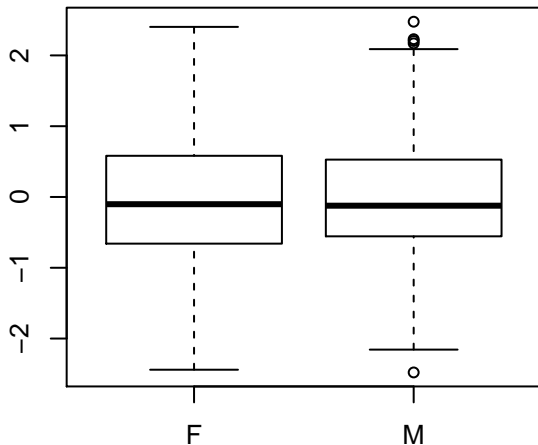
SPPI.In\_pp12pa - raw (outliers removed)  
(n = 1786)



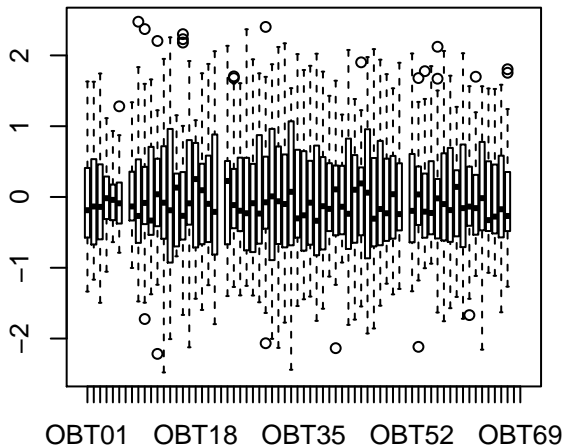
Residuals (n = 1738)



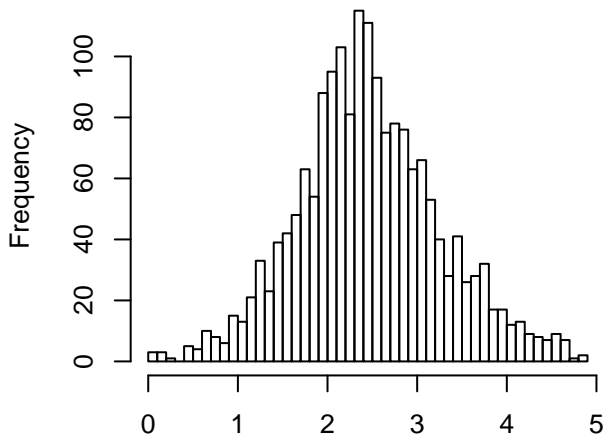
Residuals



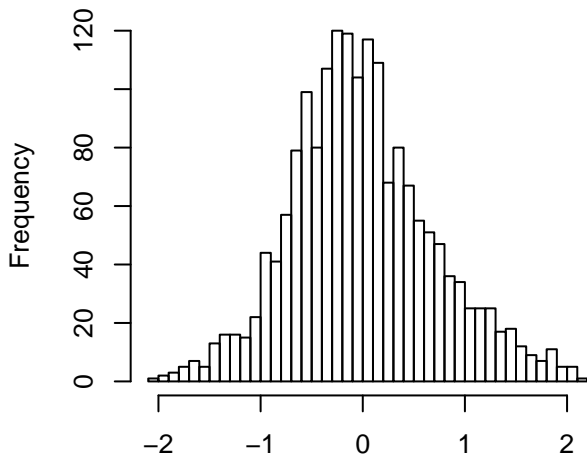
Residuals



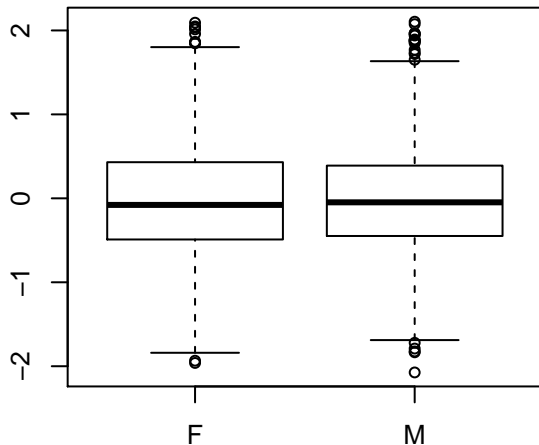
**SPPI.In\_pp18pa – raw (outliers removed  
(n = 1785 )**



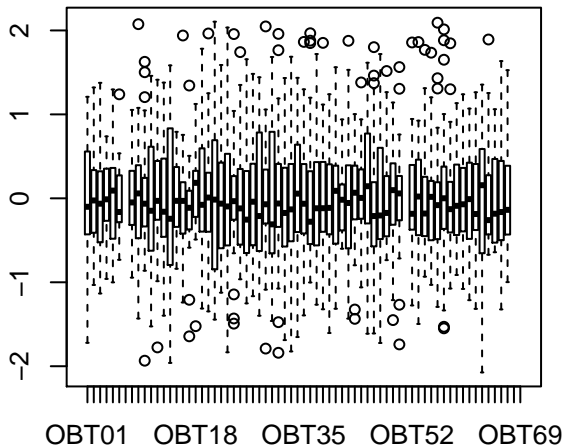
**Residuals (n = 1779 )**



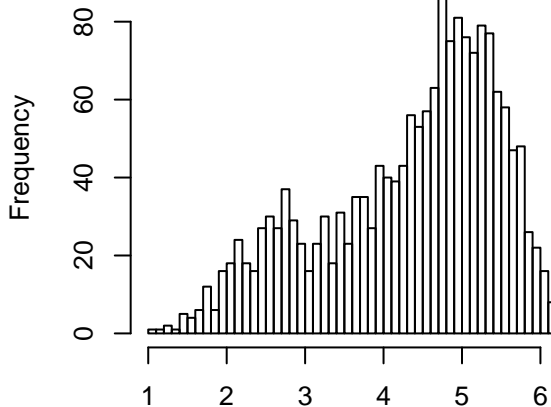
**Residuals**



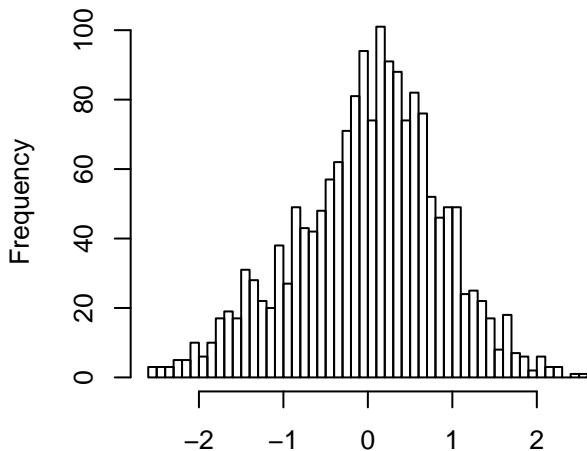
**Residuals**



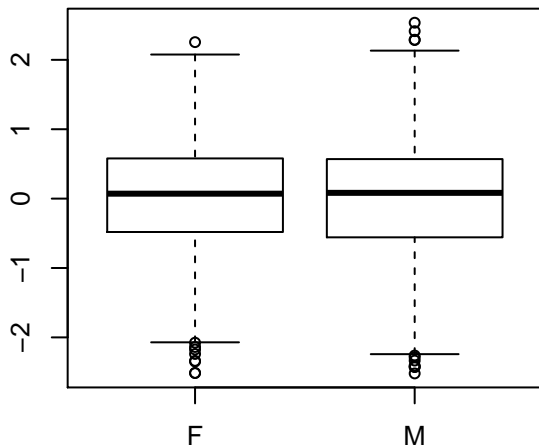
**SPPI.In\_pb - raw (outliers removed)**  
(n = 1785)



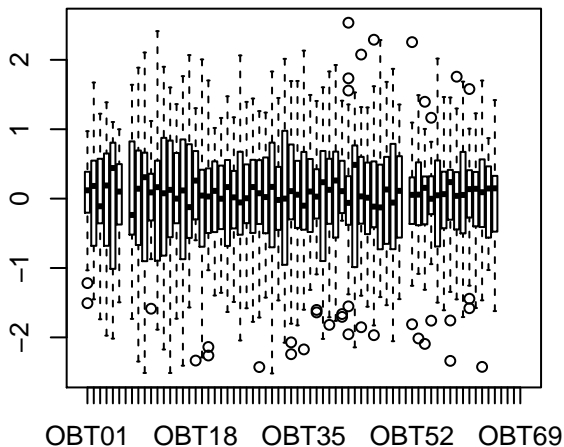
**Residuals (n = 1736)**



**Residuals**

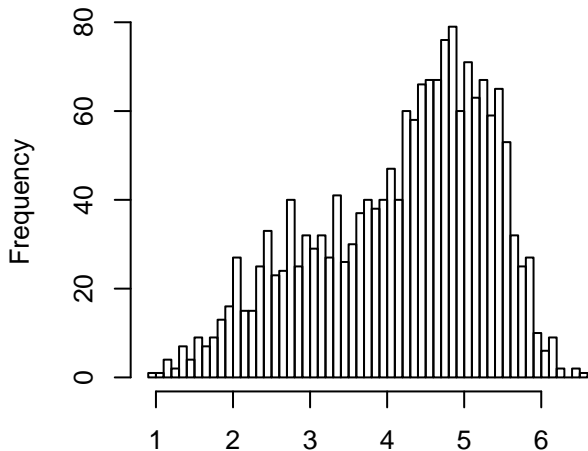


**Residuals**

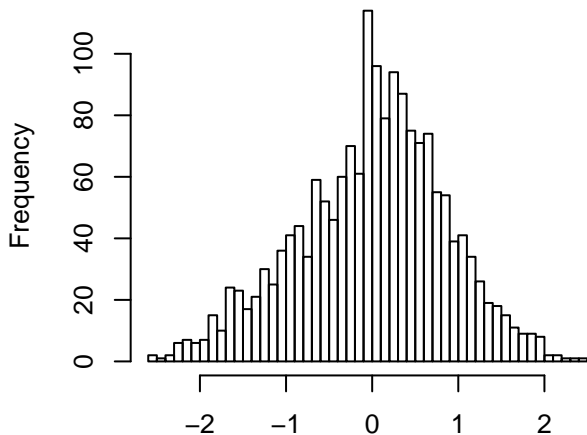




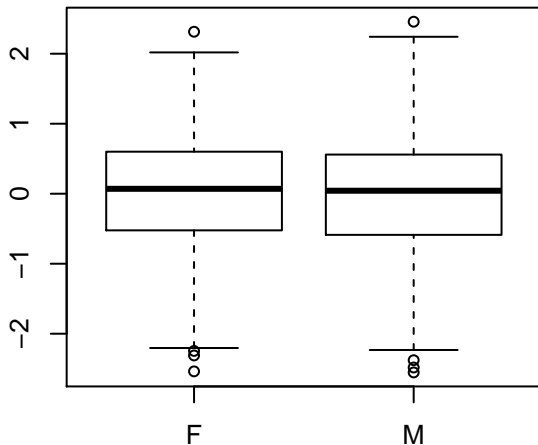
**SPPI.In\_pp6pb – raw (outliers removed)**  
(n = 1784 )



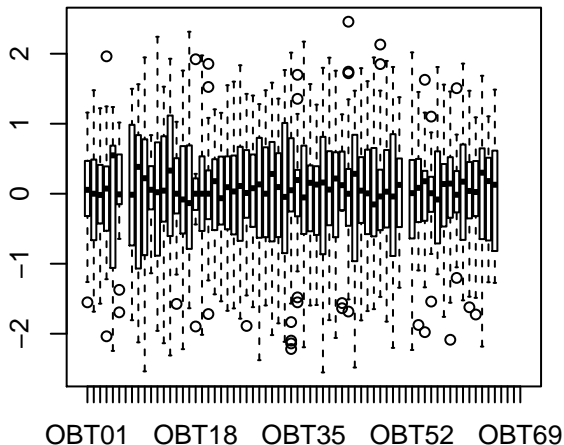
**Residuals (n = 1734 )**



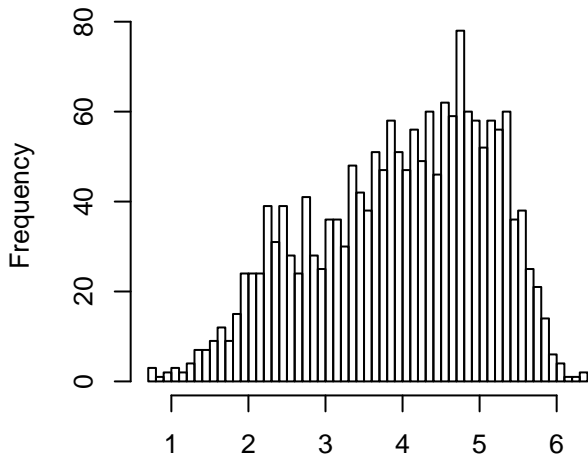
**Residuals**



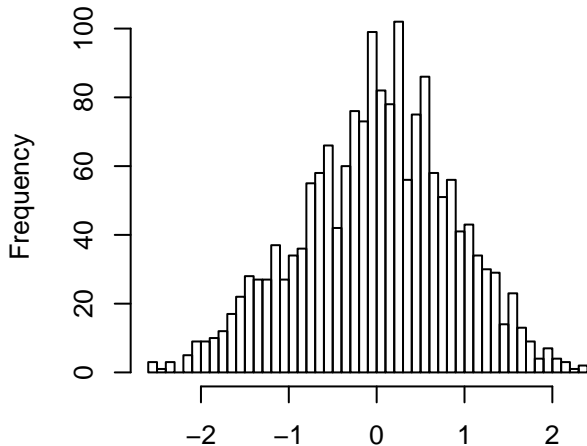
**Residuals**



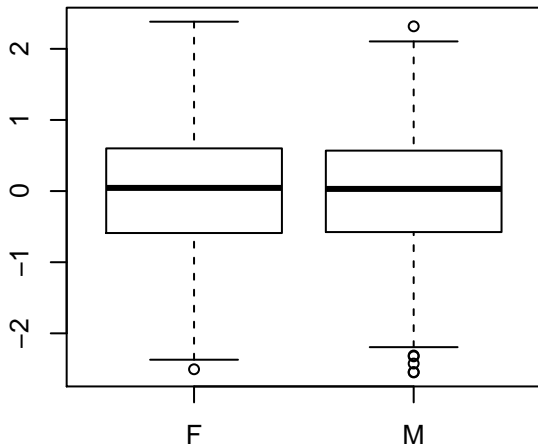
**SPPI.In\_pp12pb – raw (outliers removed  
(n = 1787 )**



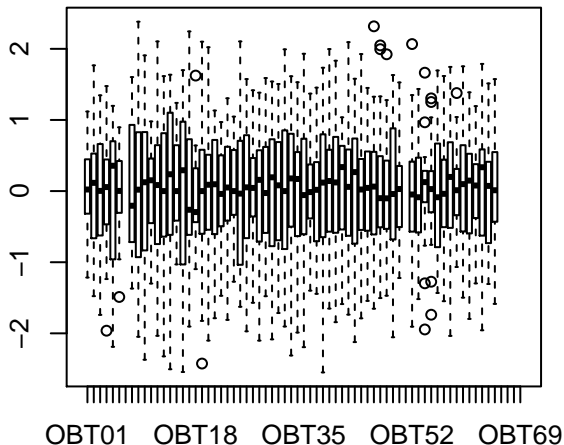
**Residuals (n = 1737 )**



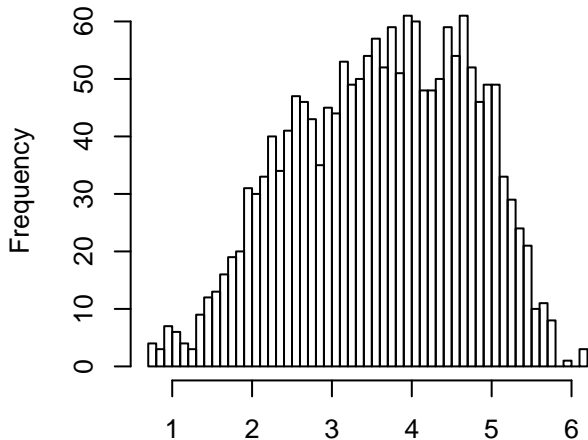
**Residuals**



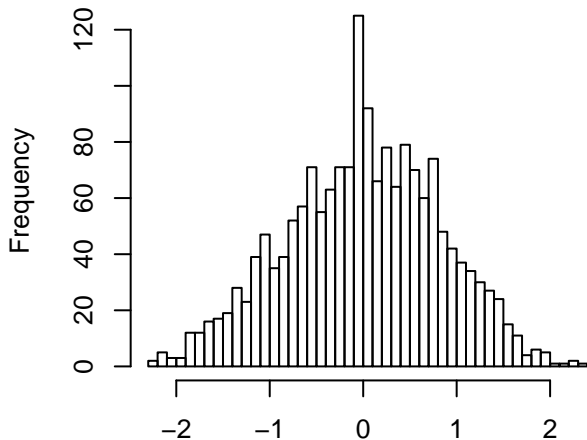
**Residuals**



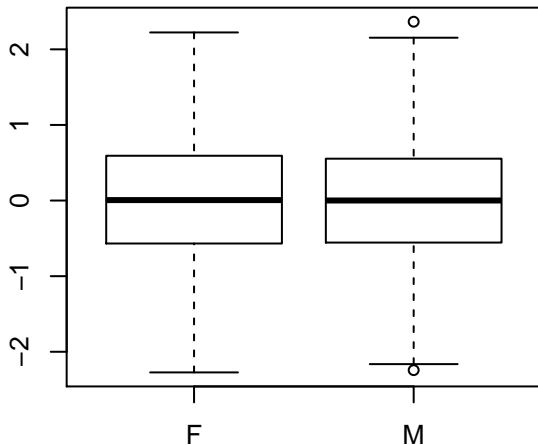
SPPI.In\_pp18pb - raw (outliers removed)  
(n = 1787)



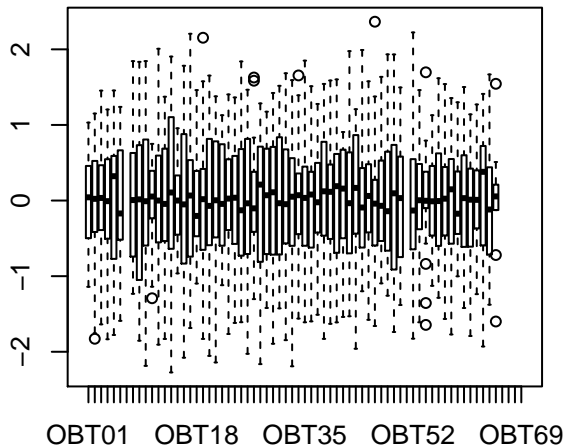
Residuals (n = 1736)



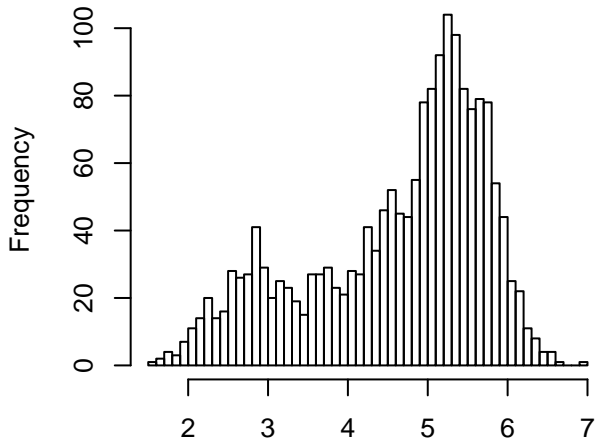
Residuals



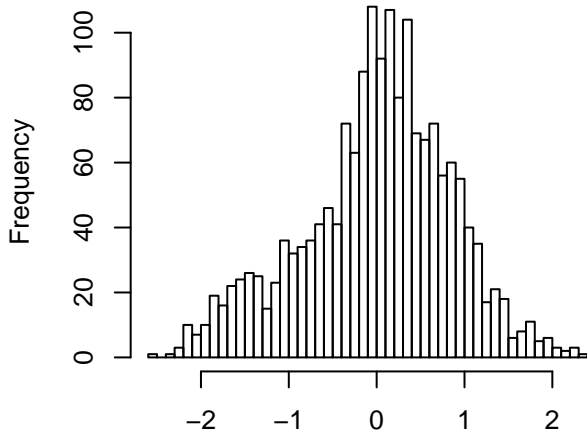
Residuals



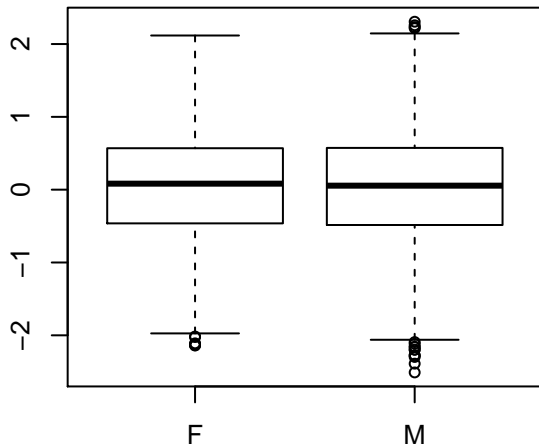
**SPPI.In\_pc - raw (outliers removed)**  
(n = 1787)



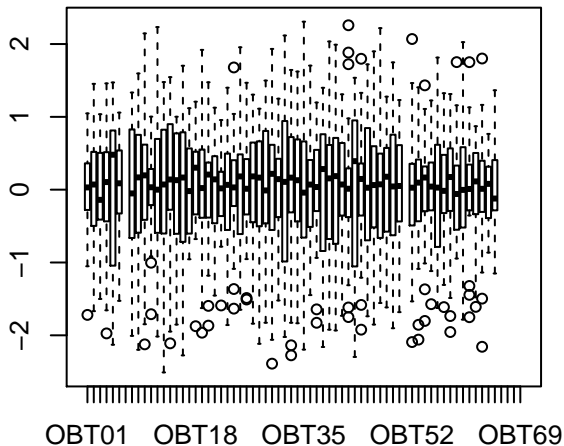
**Residuals (n = 1737)**



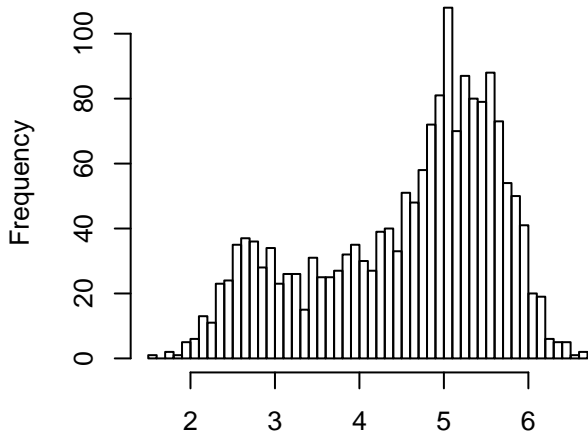
**Residuals**



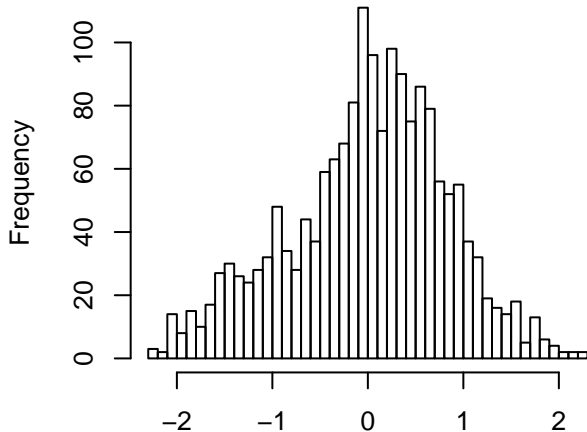
**Residuals**



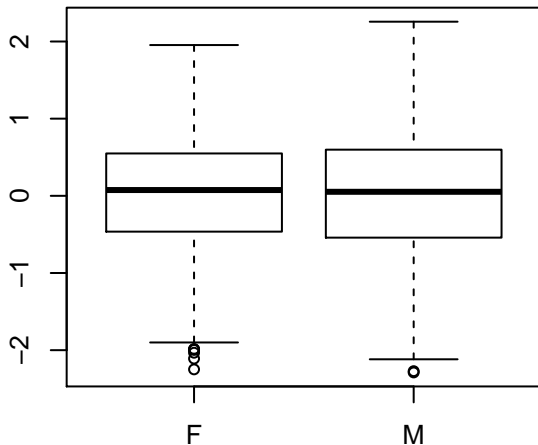
**SPPI.In\_pp6pc - raw (outliers removed)**  
(n = 1788)



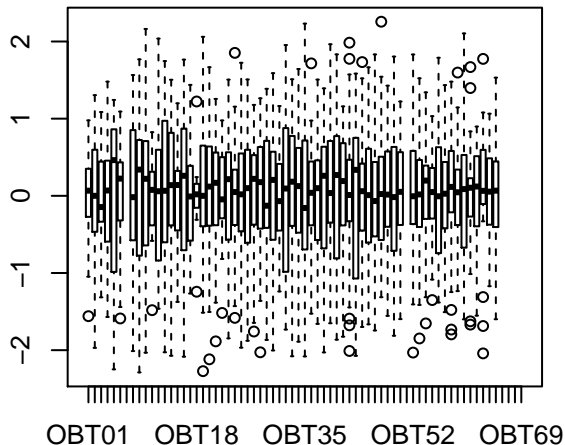
**Residuals (n = 1738)**



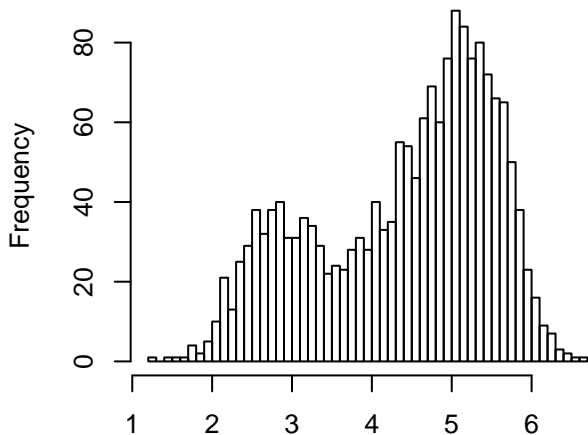
**Residuals**



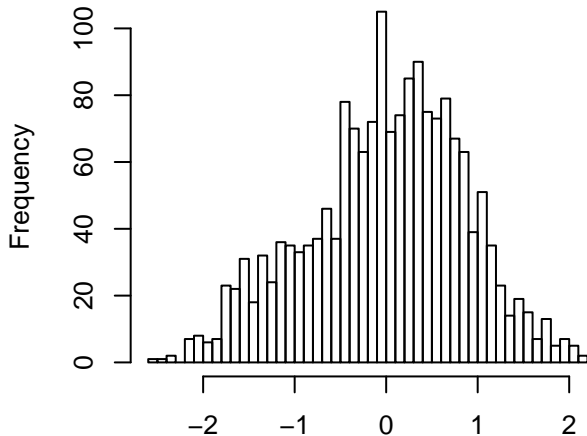
**Residuals**



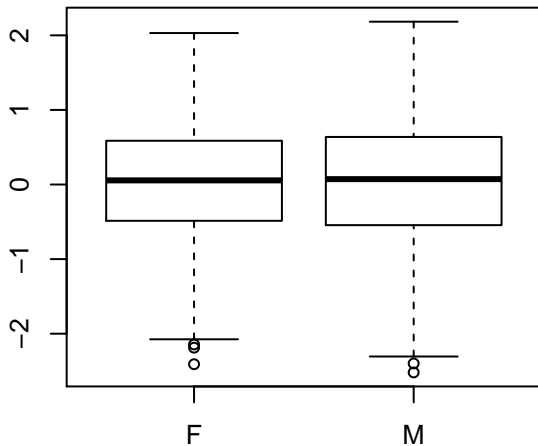
**SPPI.In\_pp12pc – raw (outliers removed)**  
(n = 1788)



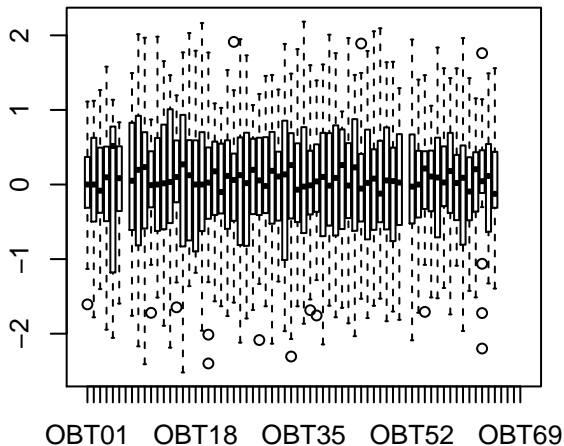
**Residuals (n = 1739)**



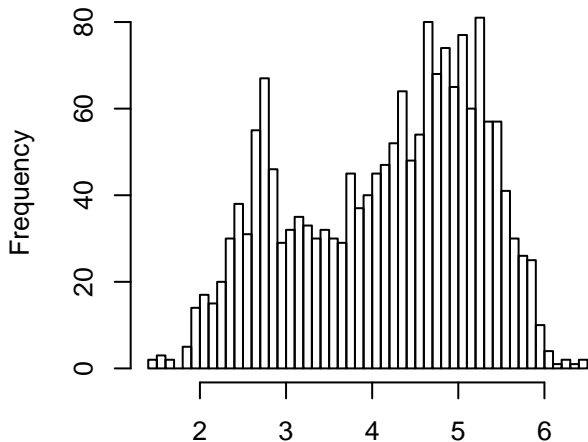
**Residuals**



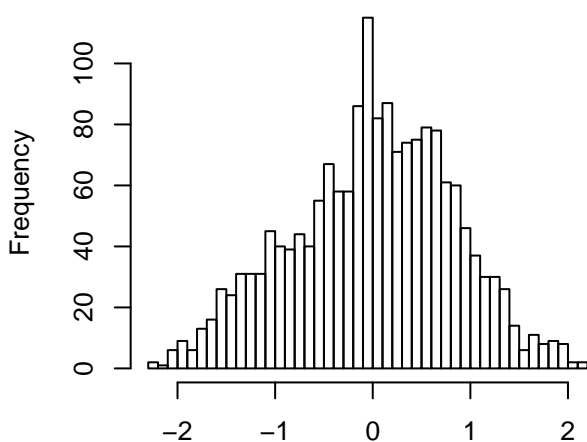
**Residuals**



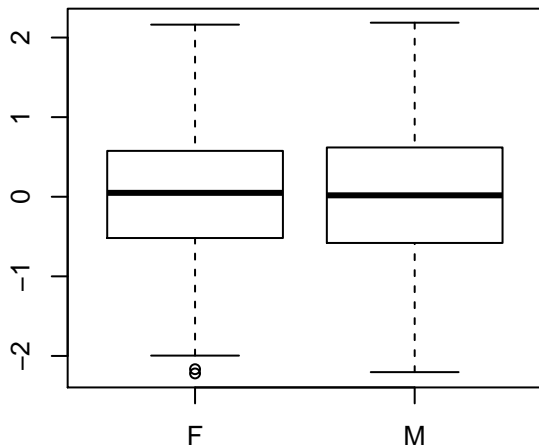
**SPPI.In\_pp18pc – raw (outliers removed  
(n = 1788 )**



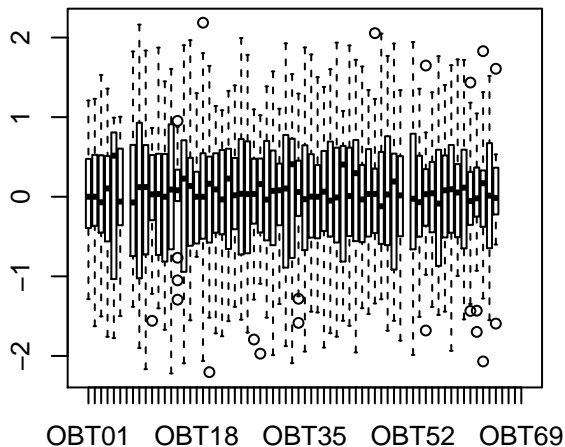
**Residuals (n = 1739 )**



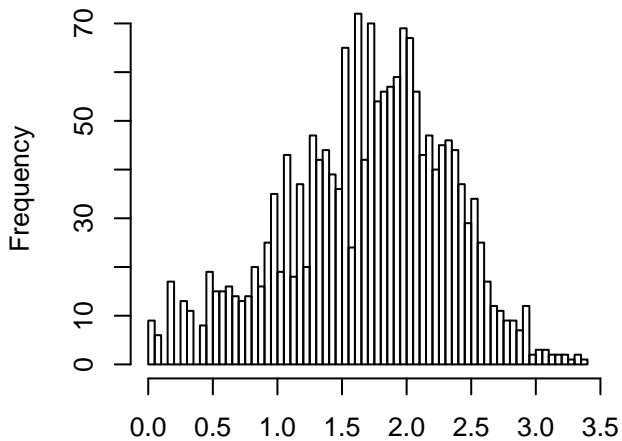
**Residuals**



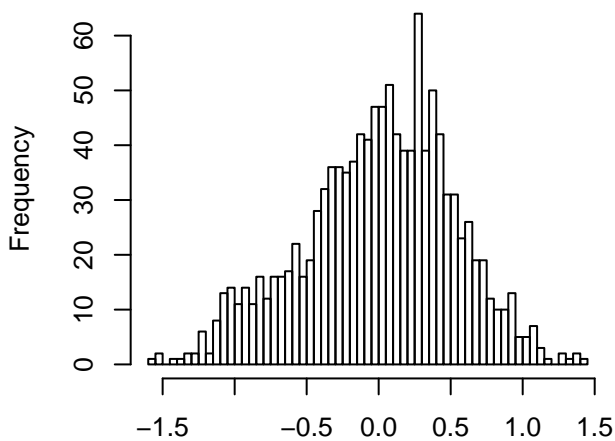
**Residuals**



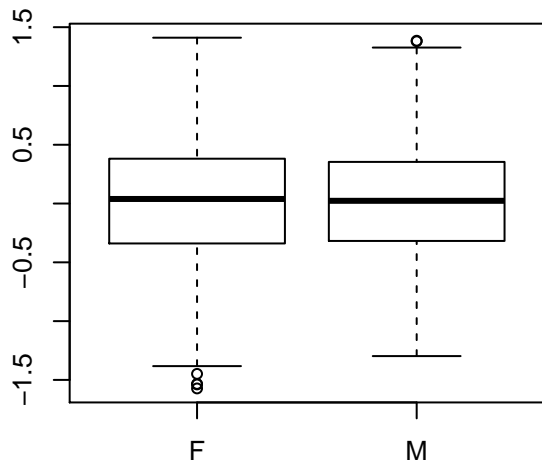
**SPPI.In\_backgd - raw (outliers removed)**  
(n = 1787)



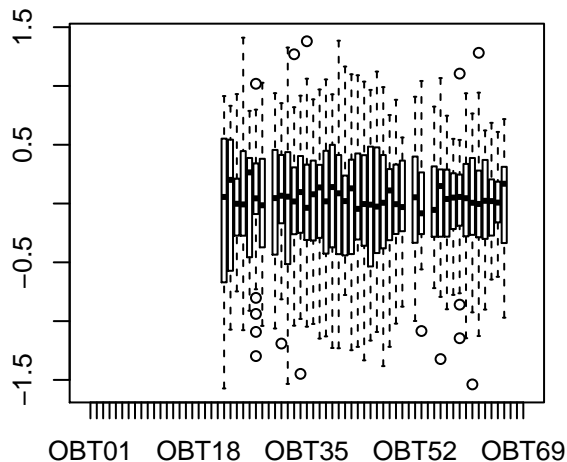
**Residuals (n = 1190)**



**Residuals**

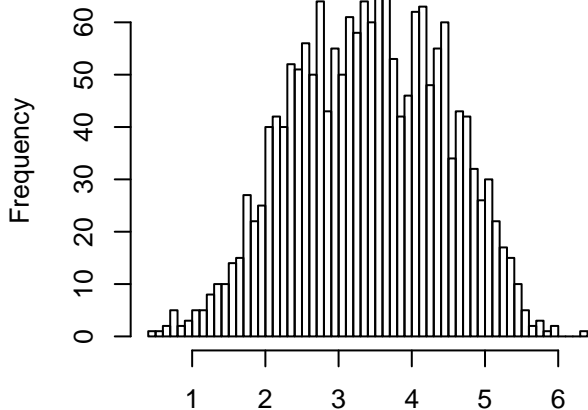


**Residuals**

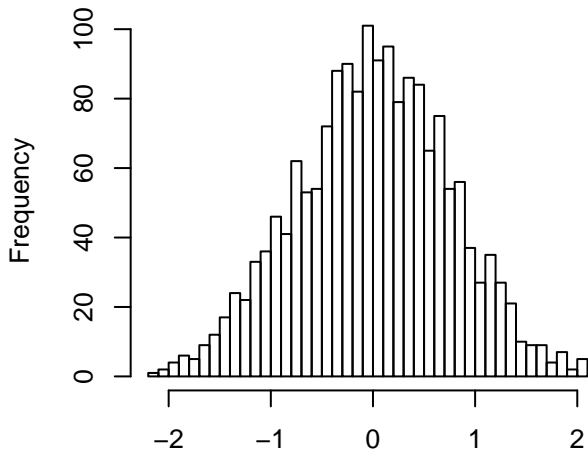




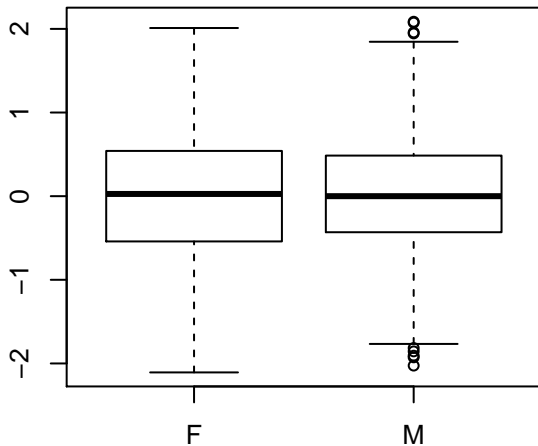
**SPPI.In\_pa.1 – raw (outliers removed)**  
**(n = 1788)**



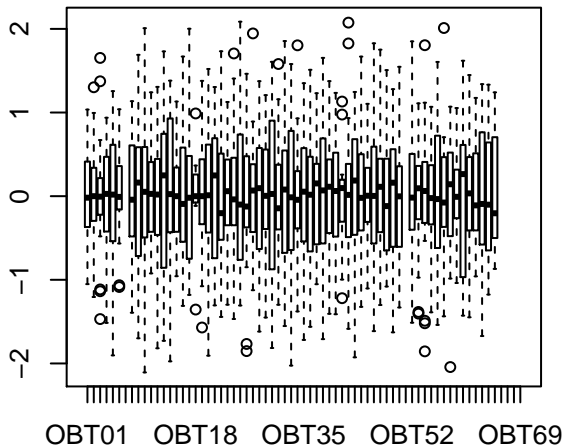
**Residuals (n = 1738)**



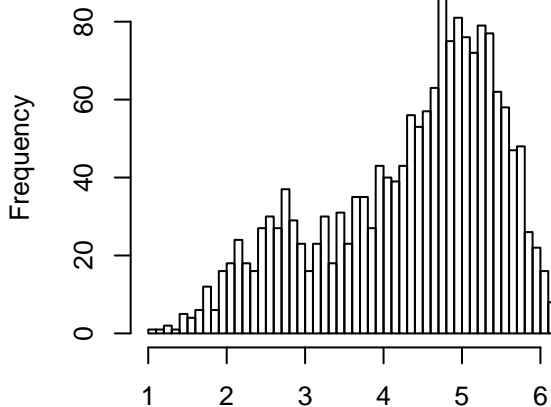
**Residuals**



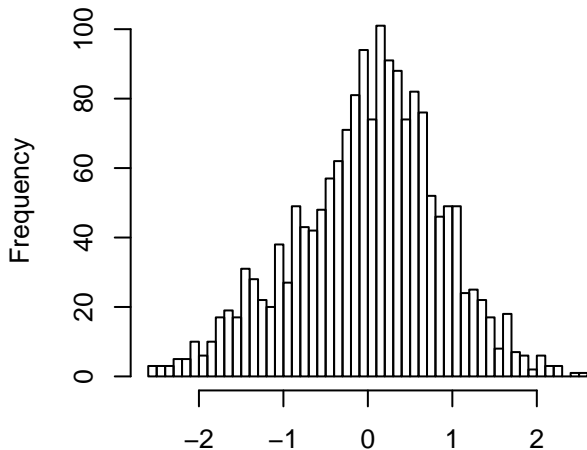
**Residuals**



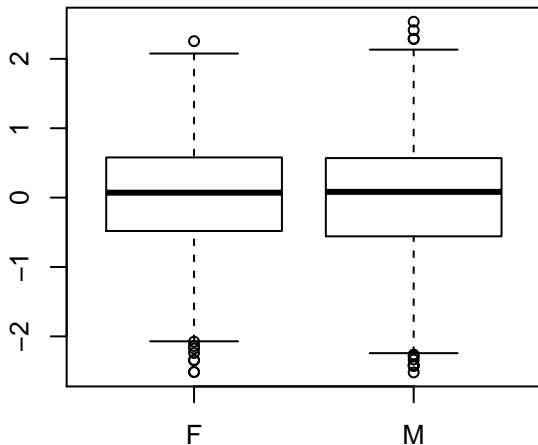
**SPPI.In\_pb.1 – raw (outliers removed)**  
(n = 1785)



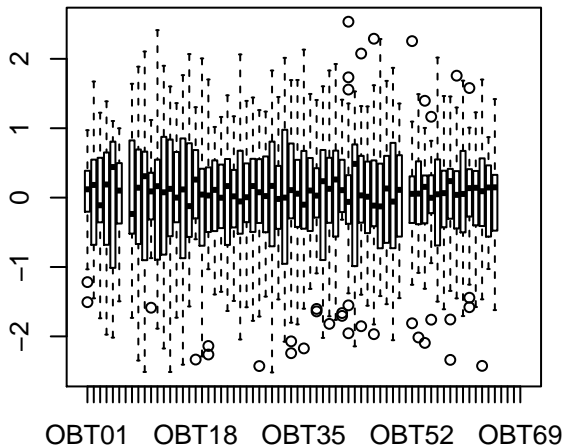
**Residuals (n = 1736)**



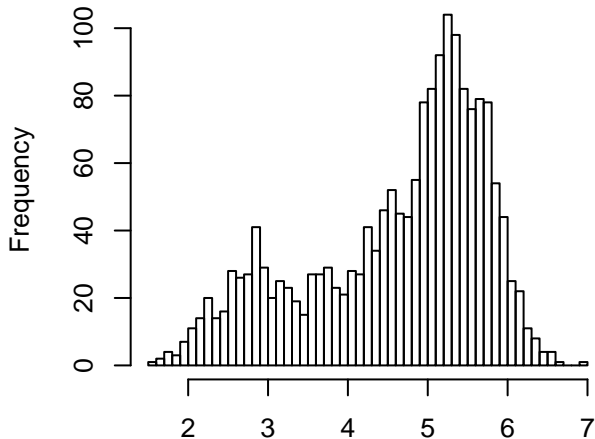
**Residuals**



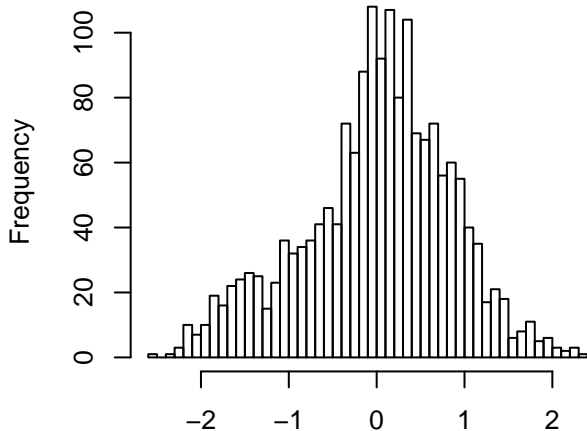
**Residuals**



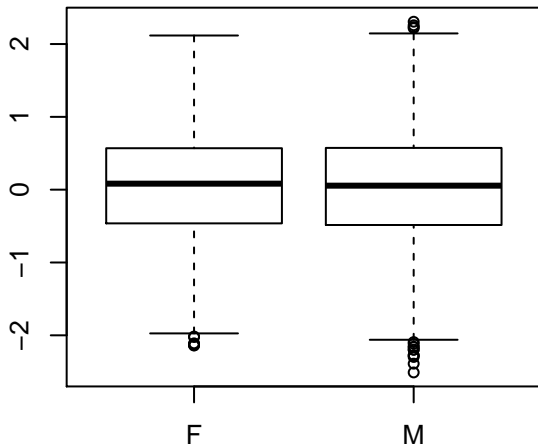
**SPPI.In\_pc.1 – raw (outliers removed)**  
(n = 1787)



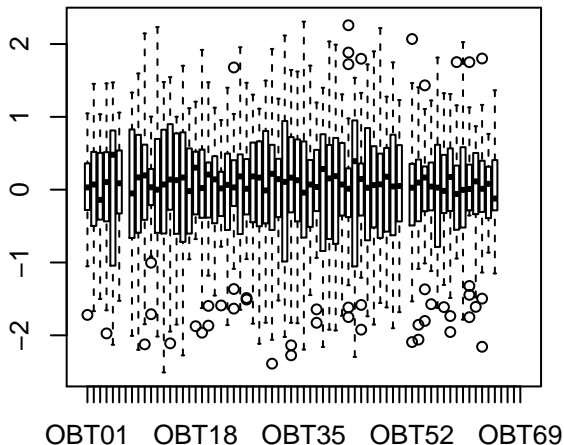
**Residuals (n = 1737)**



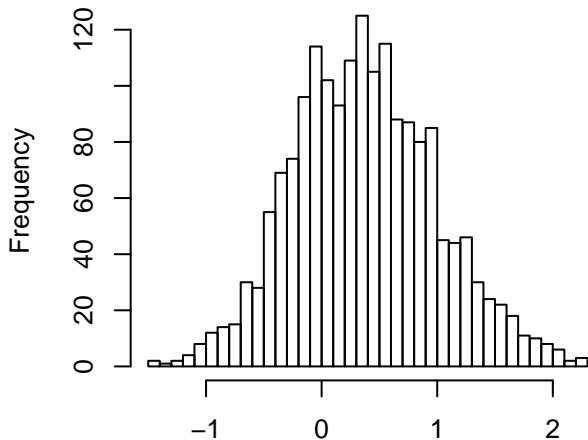
**Residuals**



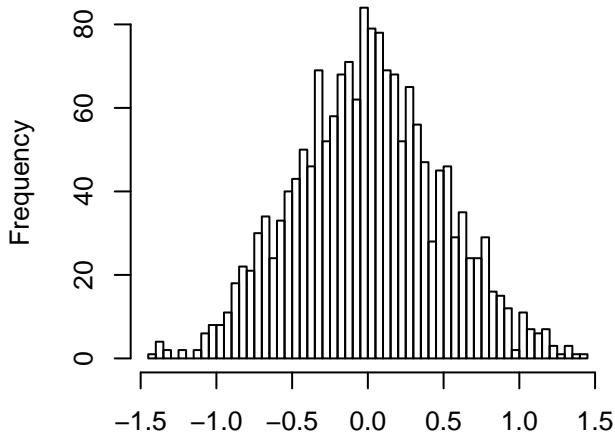
**Residuals**



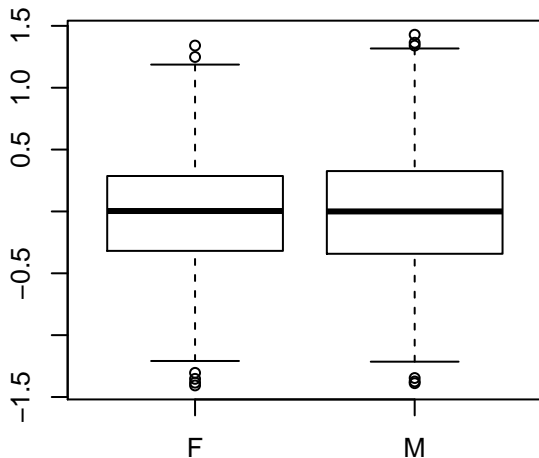
**SPPI.Habituation – raw (outliers removed)**  
(n = 1782)



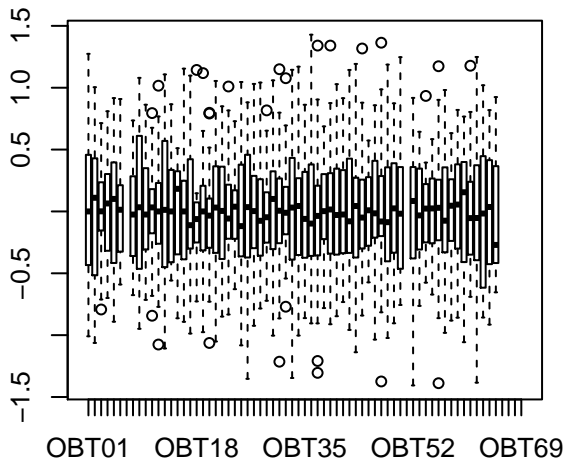
**Residuals (n = 1728)**



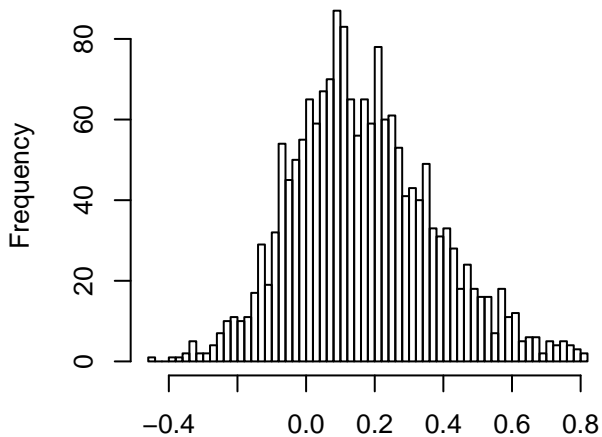
**Residuals**



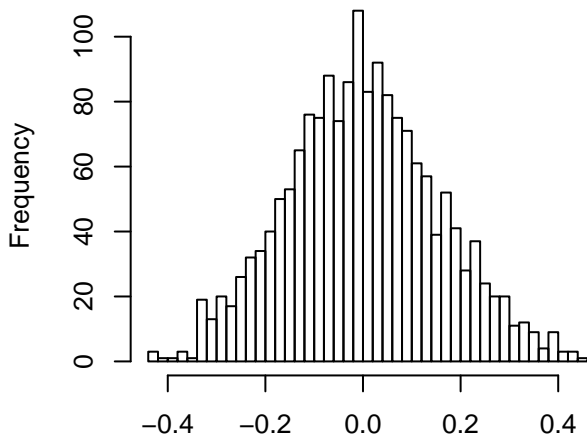
**Residuals**



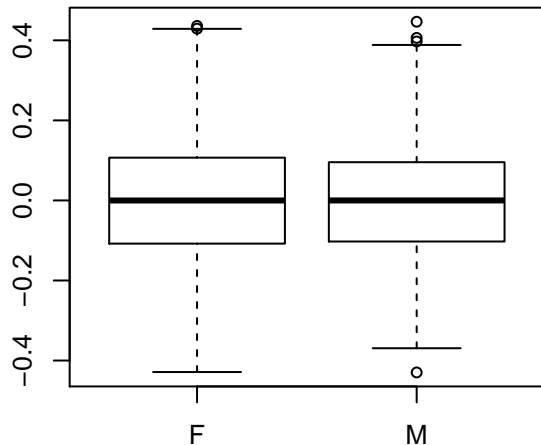
**SPPI.ppReactivity – raw (outliers remove  
(n = 1776 )**



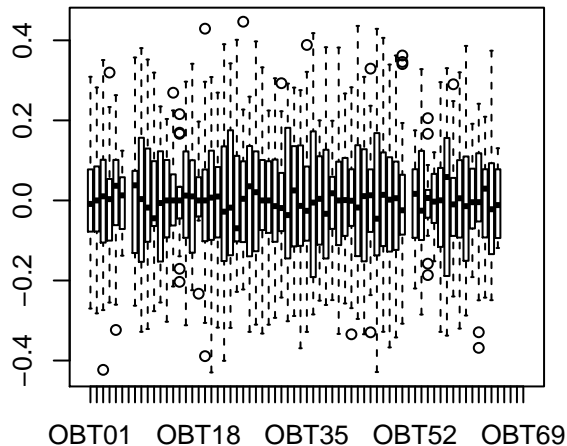
**Residuals (n = 1719 )**



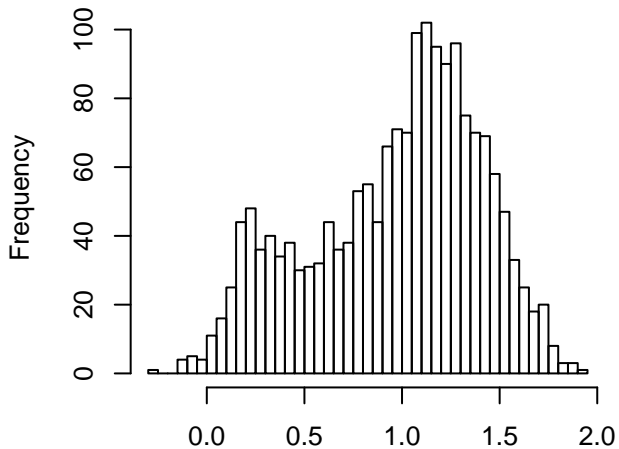
**Residuals**



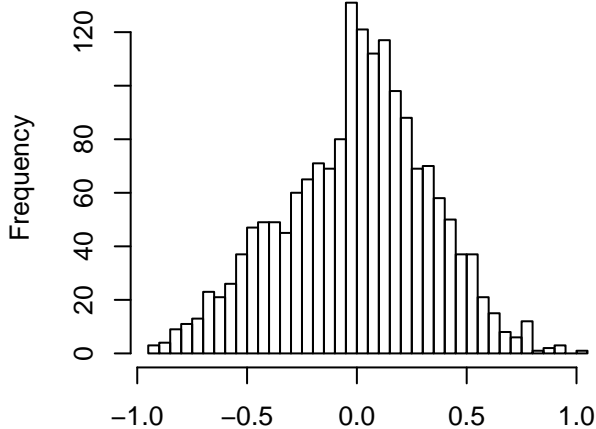
**Residuals**



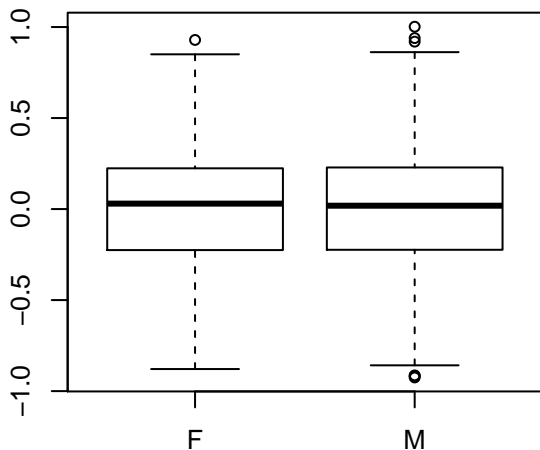
**SPPI.pReactivity – raw (outliers removed)**  
(n = 1788 )



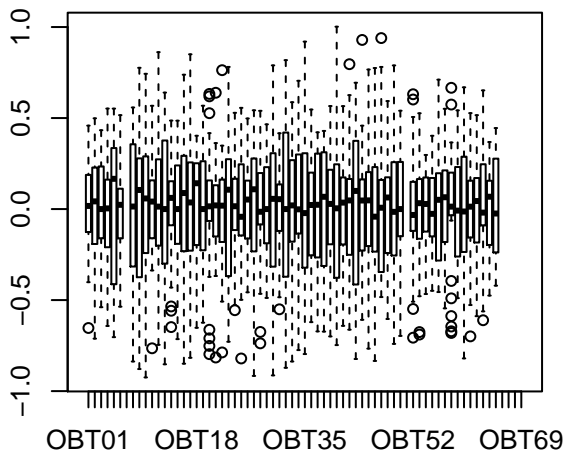
**Residuals (n = 1739)**



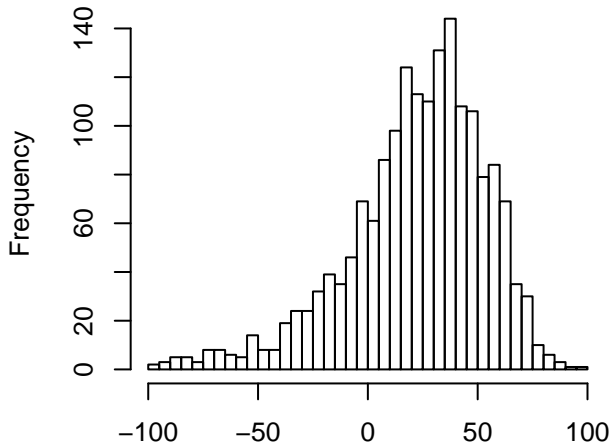
**Residuals**



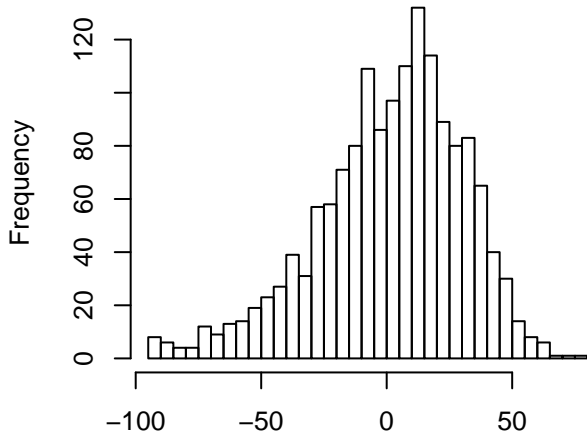
**Residuals**



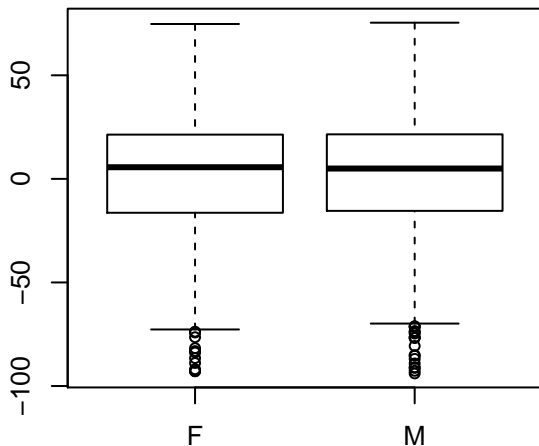
**SPPI.pc\_pp6ppA – raw (outliers removed)**  
(n = 1762)



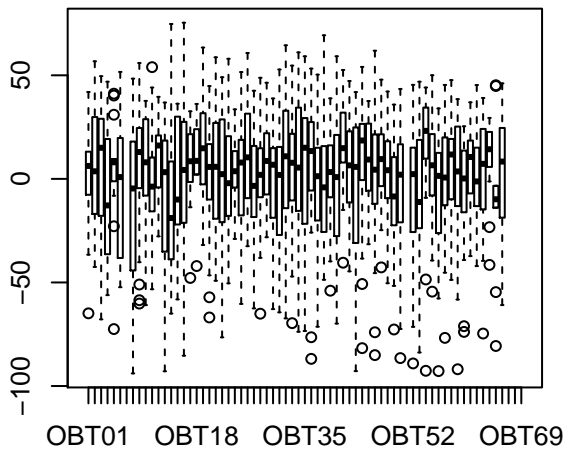
**Residuals (n = 1541)**



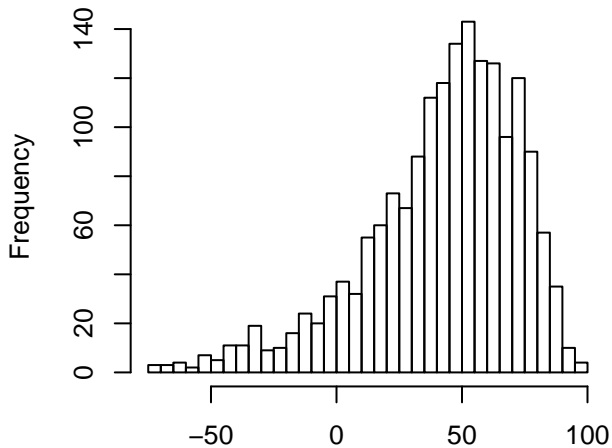
**Residuals**



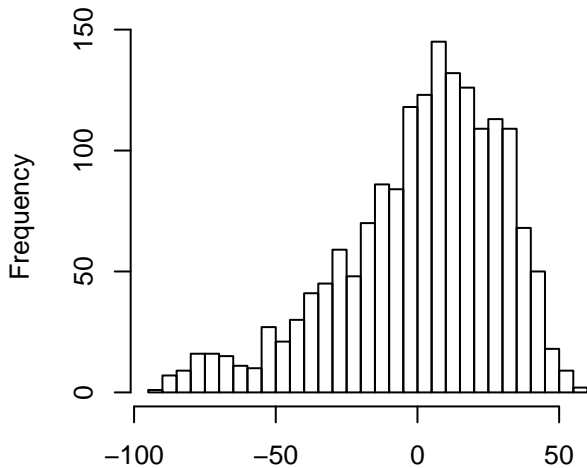
**Residuals**



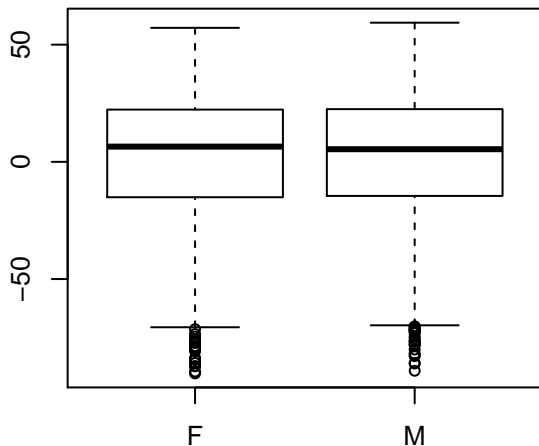
**SPPI.pc\_pp12pA – raw (outliers removed)**  
**(n = 1759)**



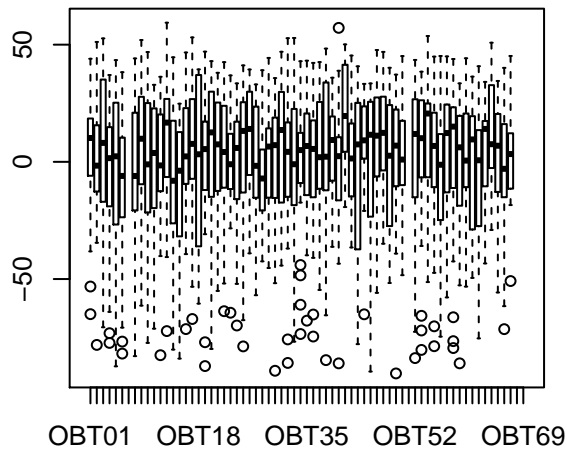
**Residuals (n = 1718)**



**Residuals**

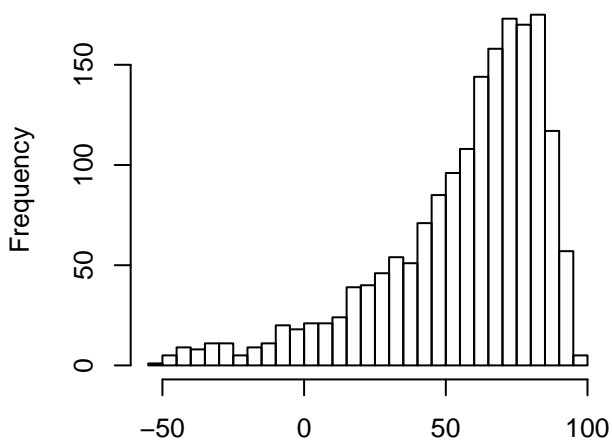


**Residuals**

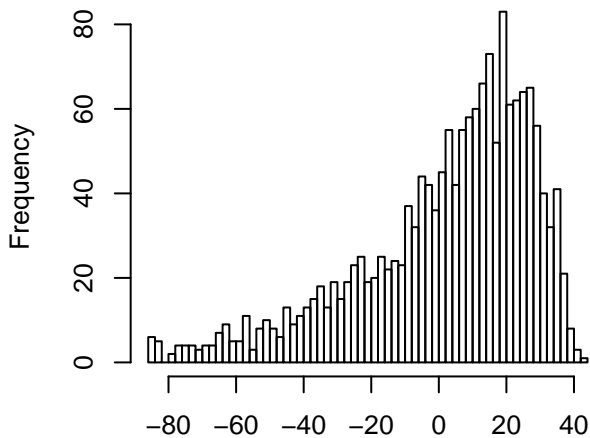




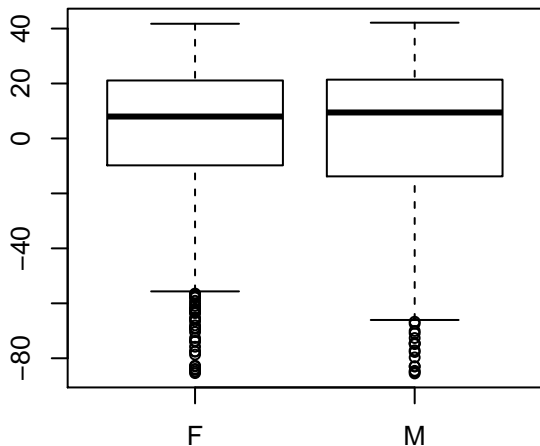
**SPPI.pc\_pp18pA – raw (outliers removed)**  
(n = 1763 )



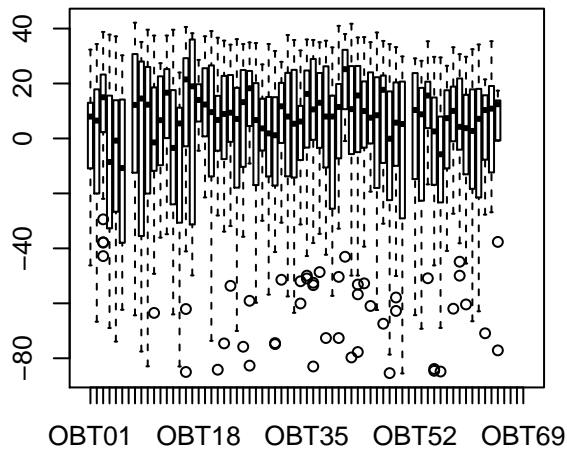
**Residuals (n = 1668 )**



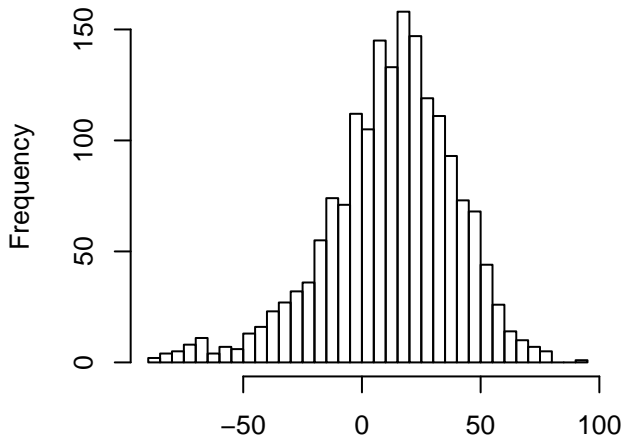
**Residuals**



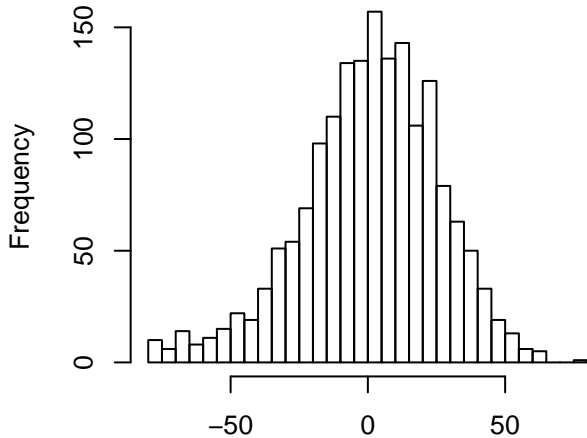
**Residuals**



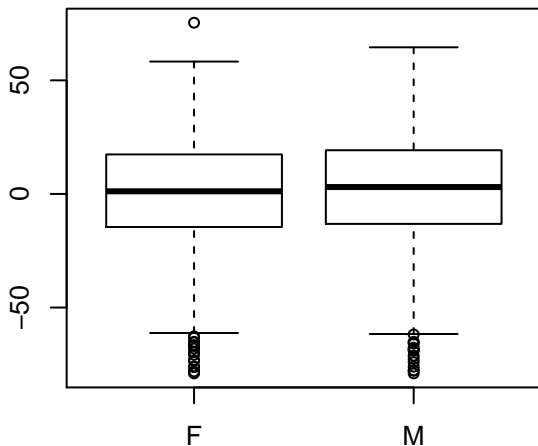
**SPPI.pc\_pp6ppB – raw (outliers removed)**  
(n = 1765 )



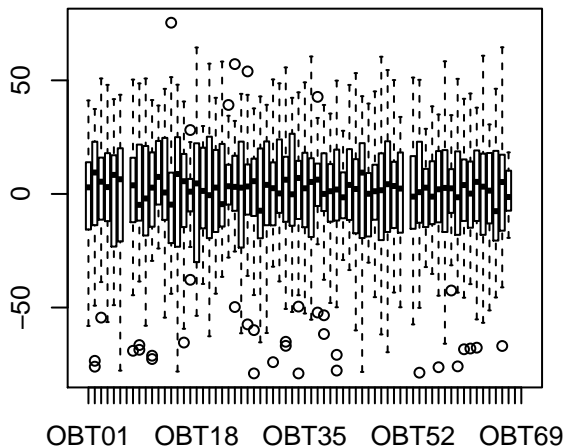
**Residuals (n = 1726 )**



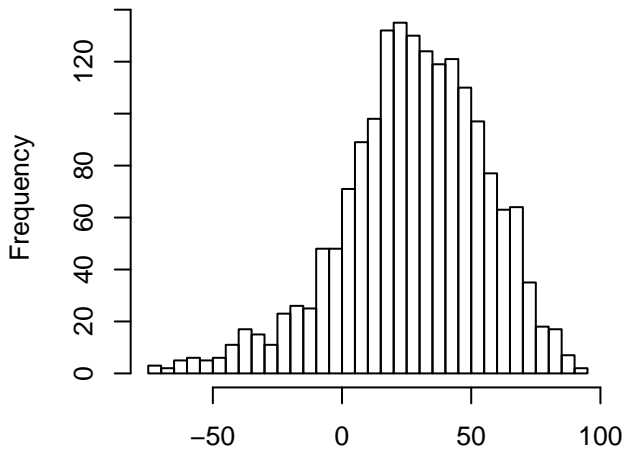
**Residuals**



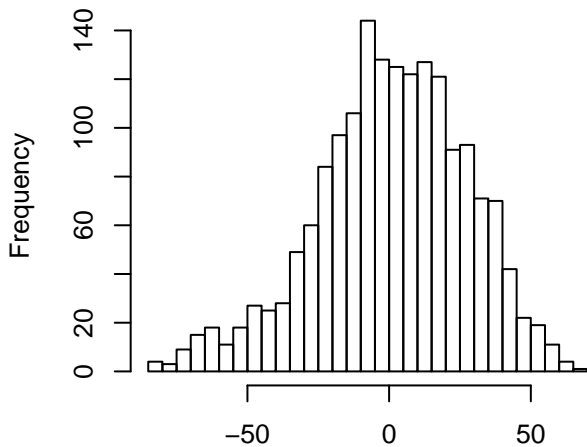
**Residuals**



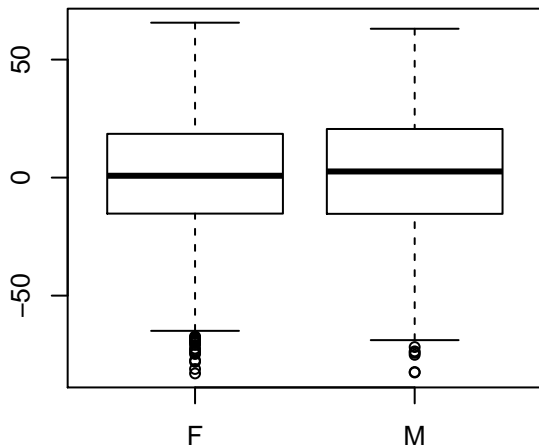
**SPPI.pc\_pp12pB – raw (outliers removed)**  
(n = 1760)



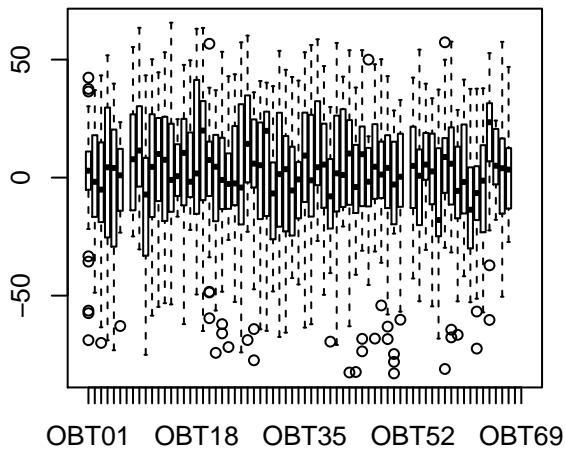
**Residuals (n = 1745)**



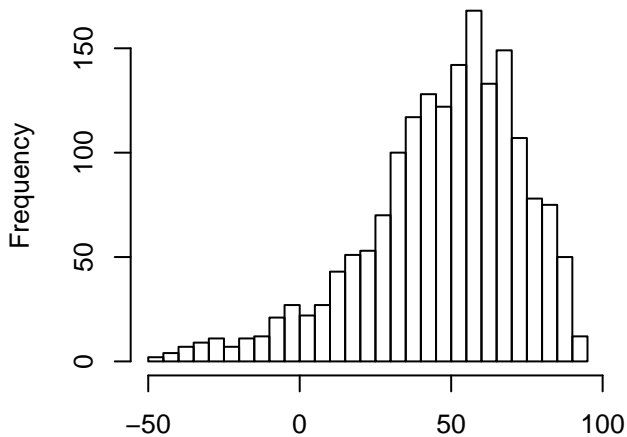
**Residuals**



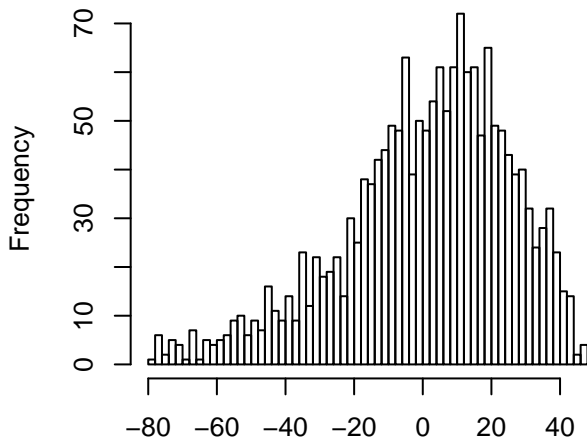
**Residuals**



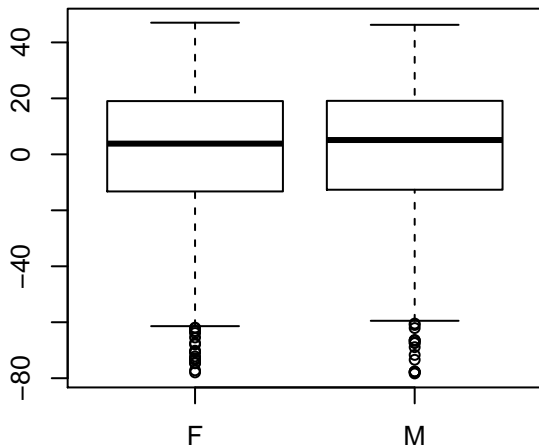
**SPPI.pc\_pp18pB – raw (outliers removed)**  
(n = 1758)



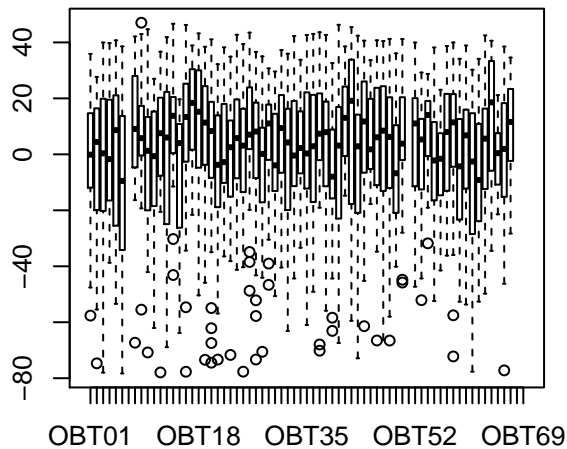
**Residuals (n = 1716)**



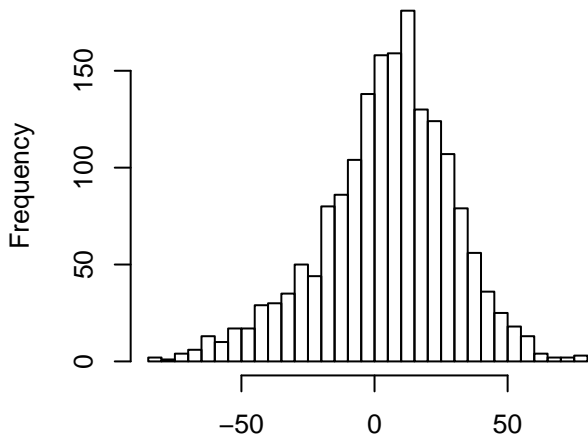
**Residuals**



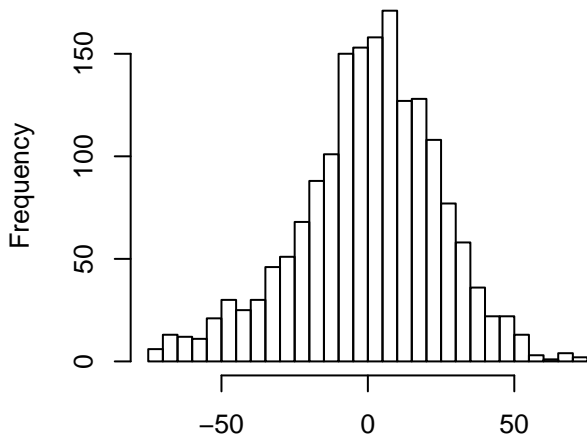
**Residuals**



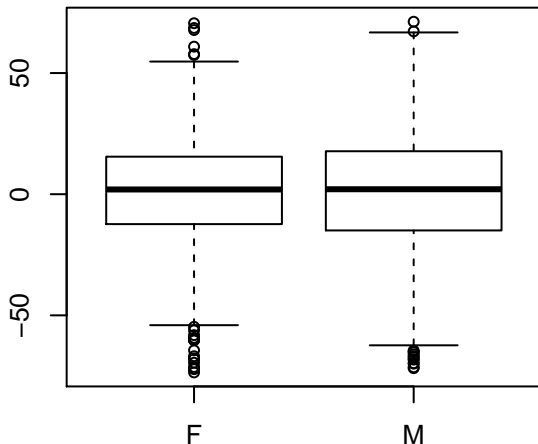
**SPPI.pc\_pp6ppC – raw (outliers removed)**  
**(n = 1763 )**



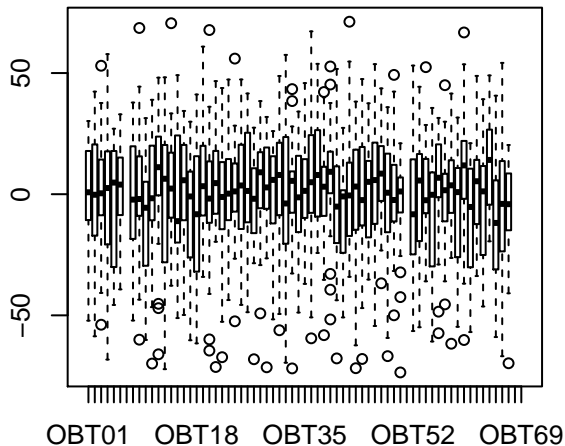
**Residuals (n = 1735 )**



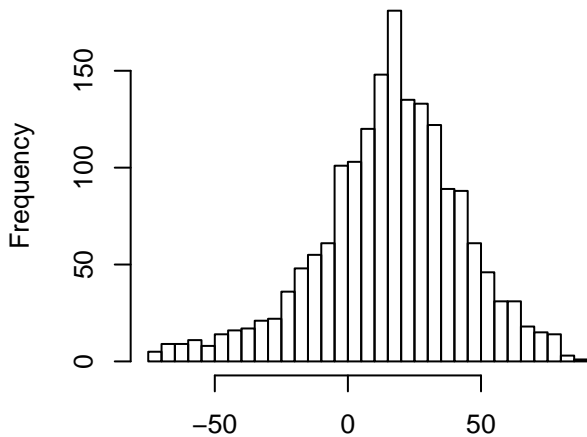
**Residuals**



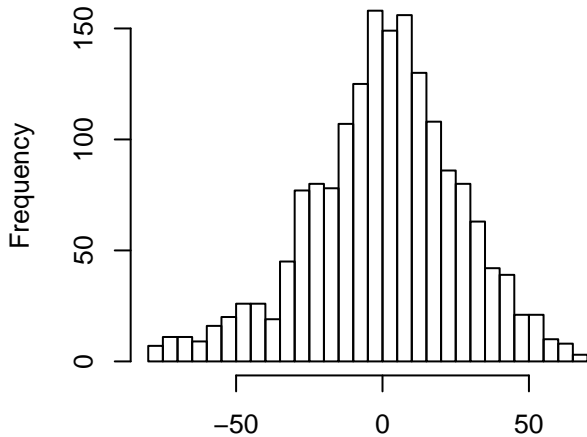
**Residuals**



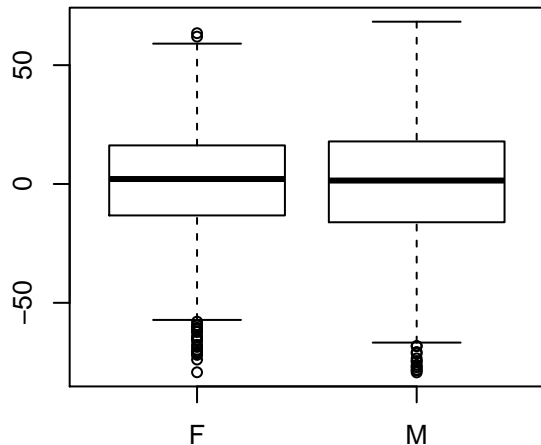
**SPPI.pc\_pp12pC – raw (outliers removed)**  
**(n = 1772 )**



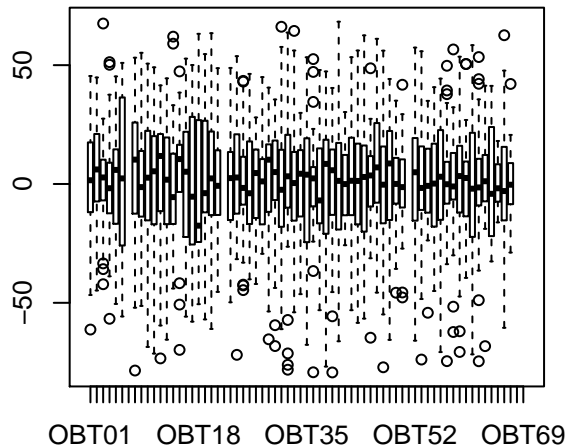
**Residuals (n = 1731 )**



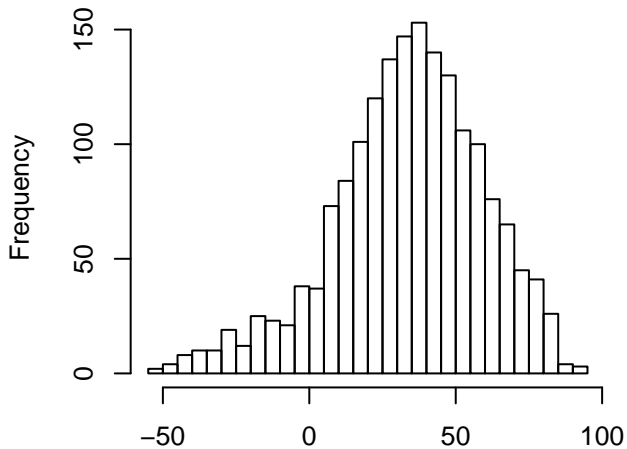
**Residuals**



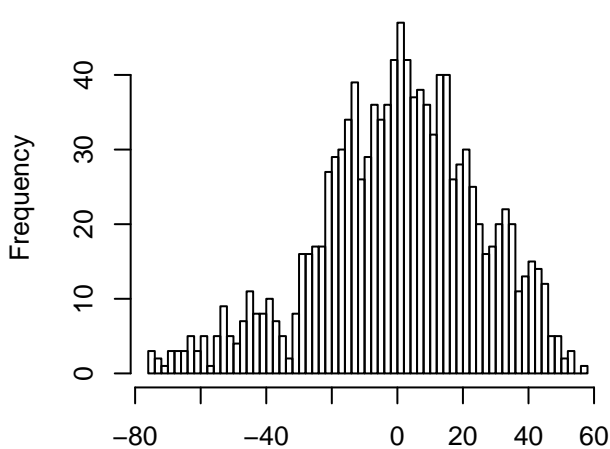
**Residuals**



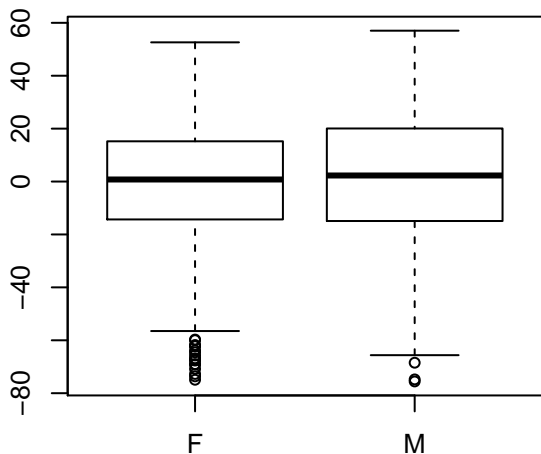
**SPPI.pc\_pp18pC – raw (outliers removed)**  
**(n = 1760 )**



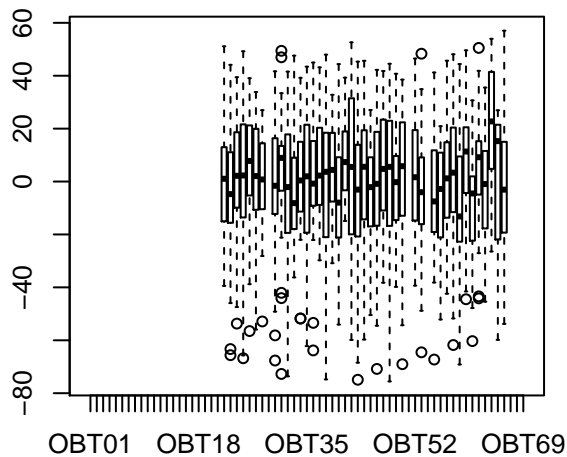
**Residuals (n = 1163 )**



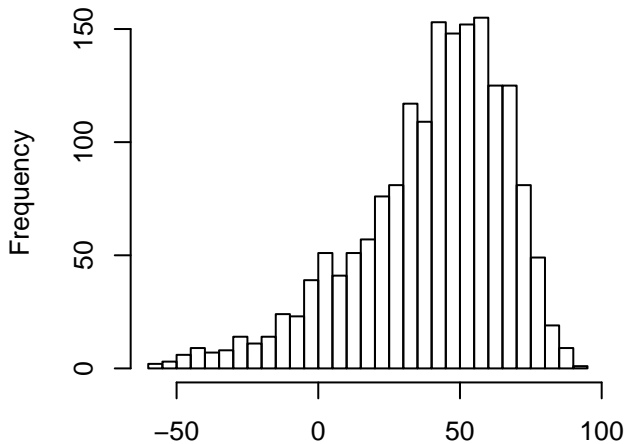
**Residuals**



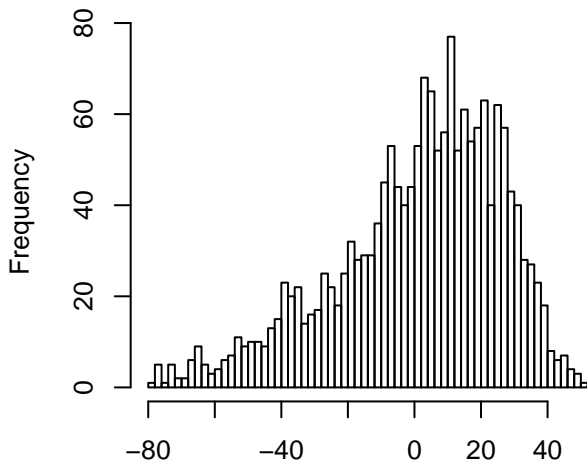
**Residuals**



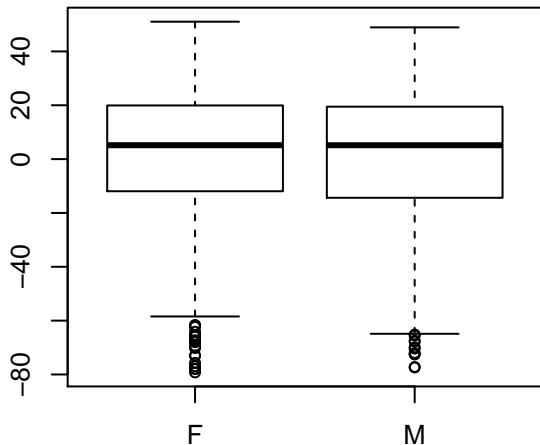
**SPPI.pc\_average\_pA - raw (outliers remov  
(n = 1760 )**



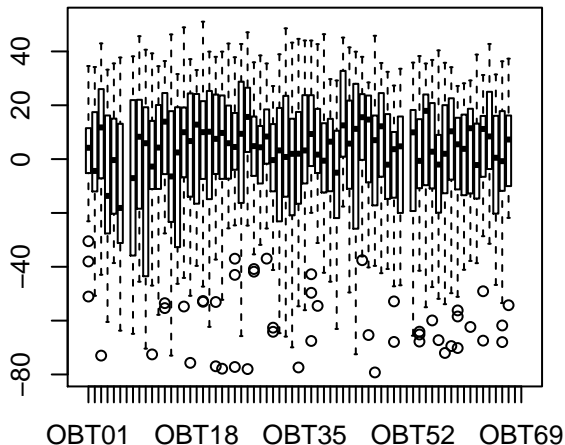
**Residuals (n = 1740 )**



**Residuals**

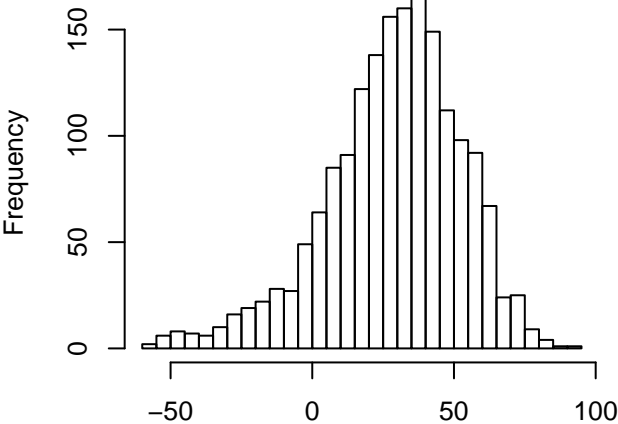


**Residuals**

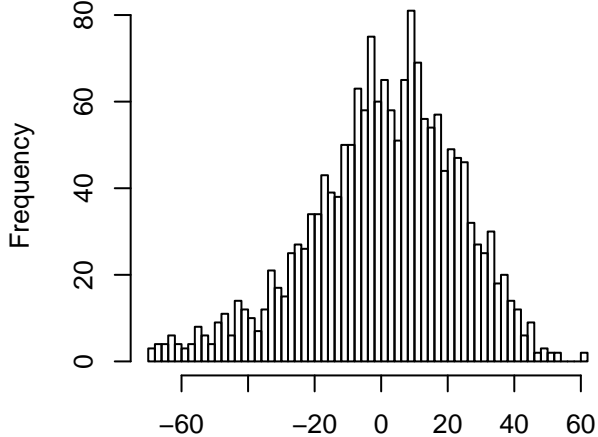




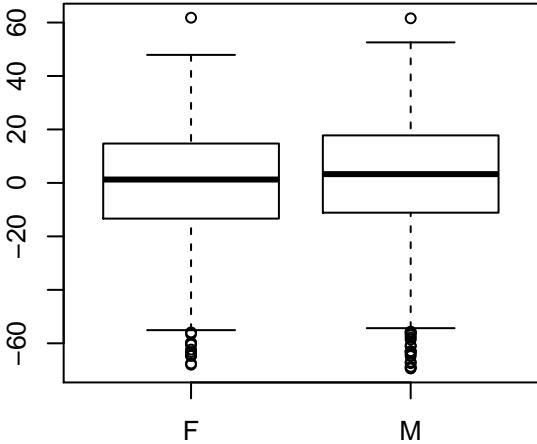
**SPPI.pc\_average\_pB - raw (outliers remov  
(n = 1763 )**



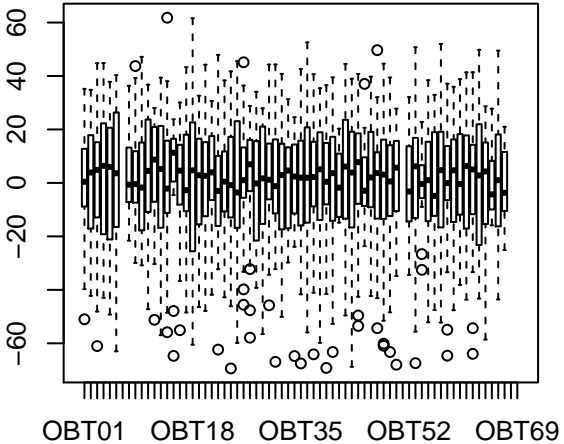
**Residuals (n = 1748 )**



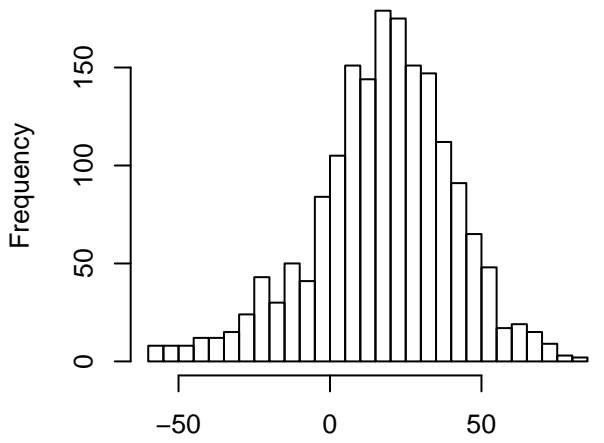
**Residuals**



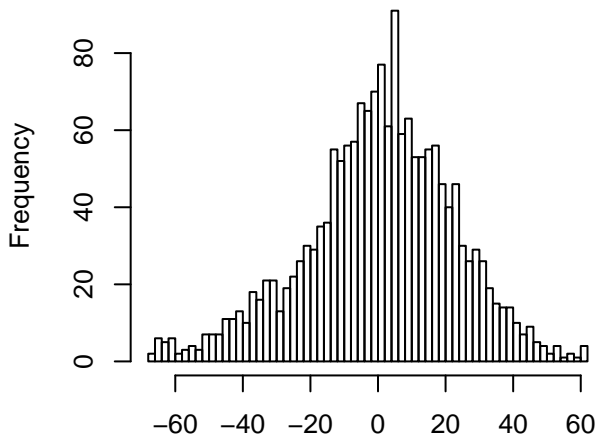
**Residuals**



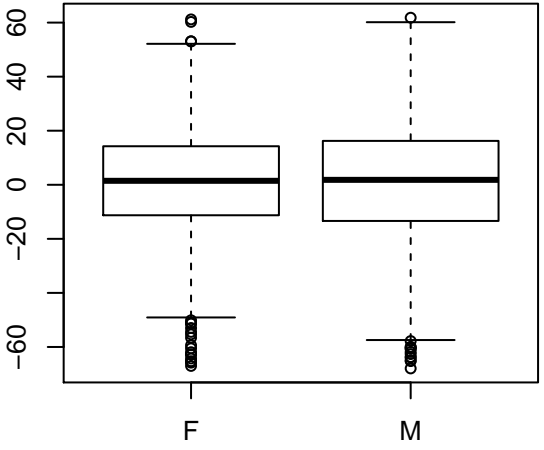
**SPPI.pc\_average\_pC - raw (outliers remov  
(n = 1768 )**



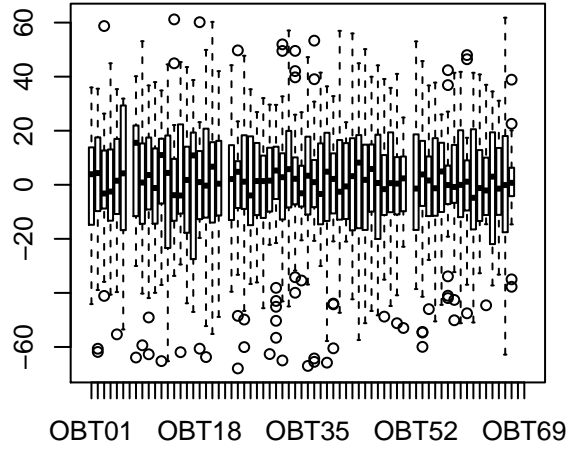
**Residuals (n = 1727 )**



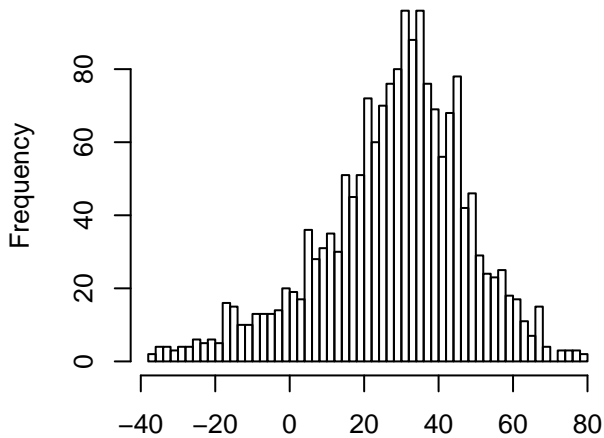
**Residuals**



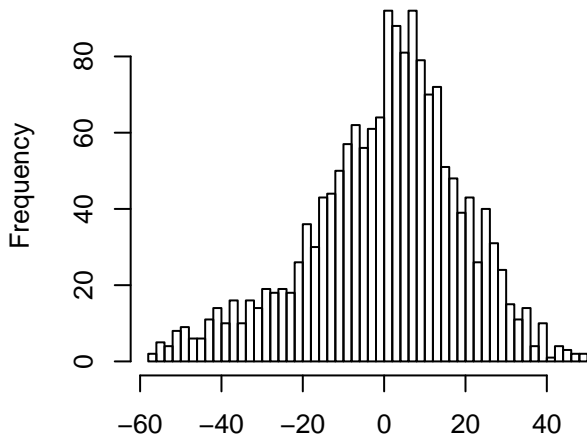
**Residuals**



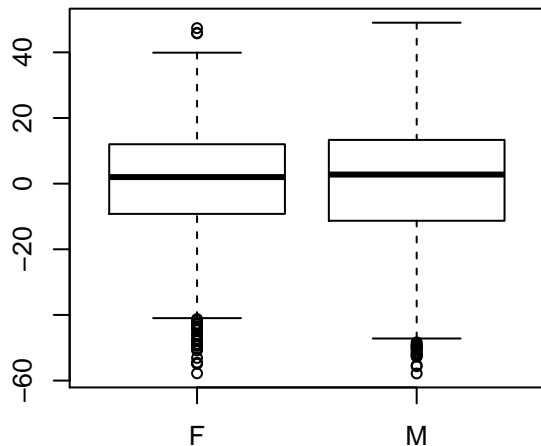
**SPPI.pc\_average\_ABC - raw (outliers remo  
(n = 1767 )**



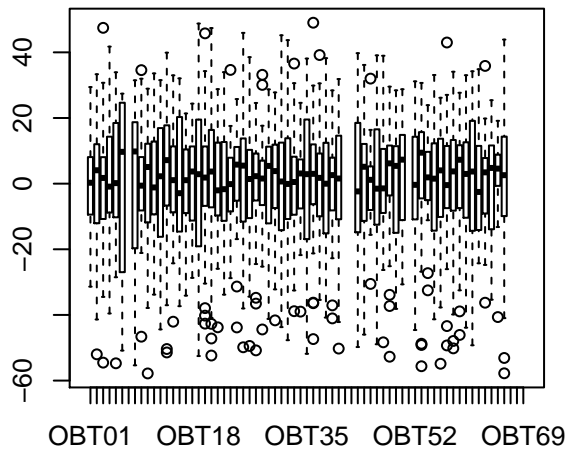
**Residuals (n = 1676 )**



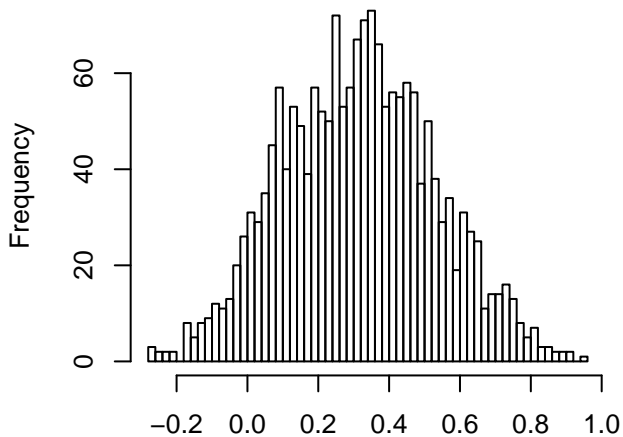
**Residuals**



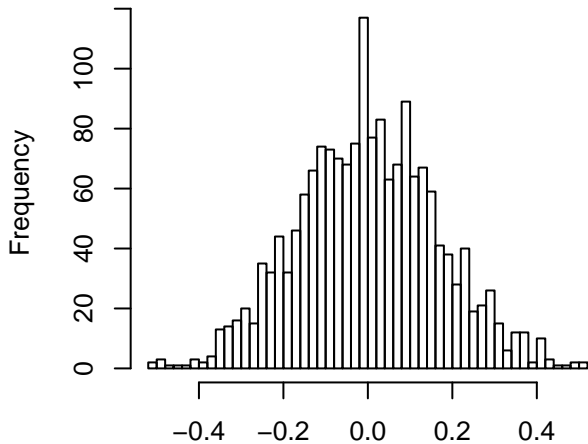
**Residuals**



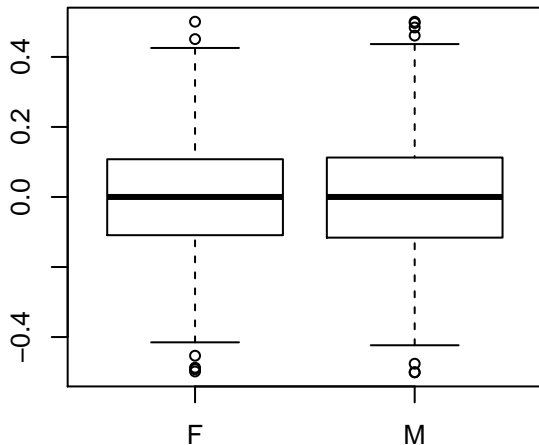
**SPPI.slope\_pA – raw (outliers removed)**  
(n = 1786 )



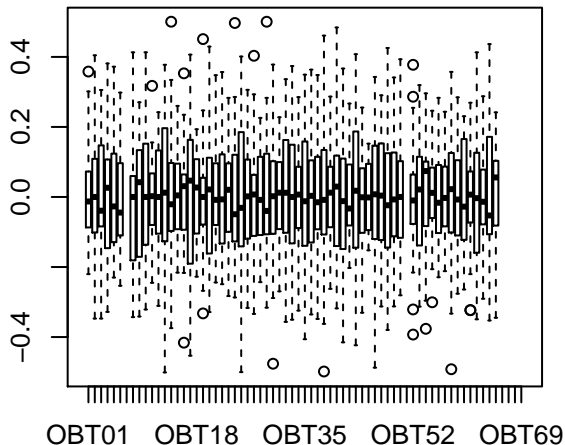
**Residuals (n = 1734 )**



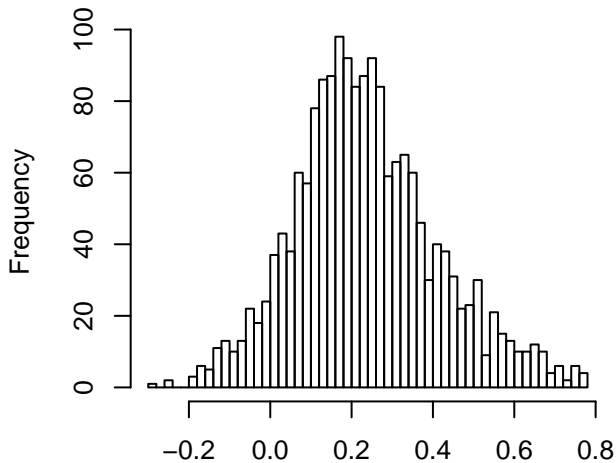
**Residuals**



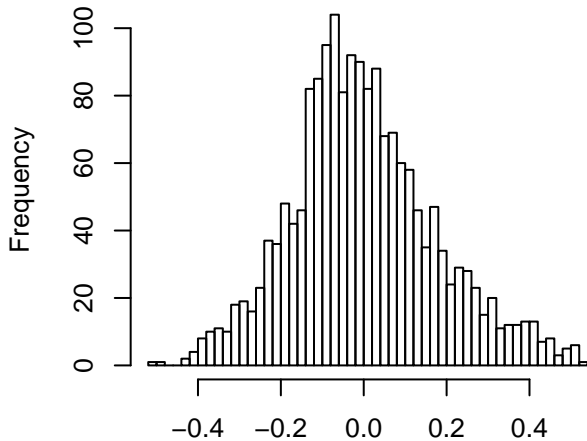
**Residuals**



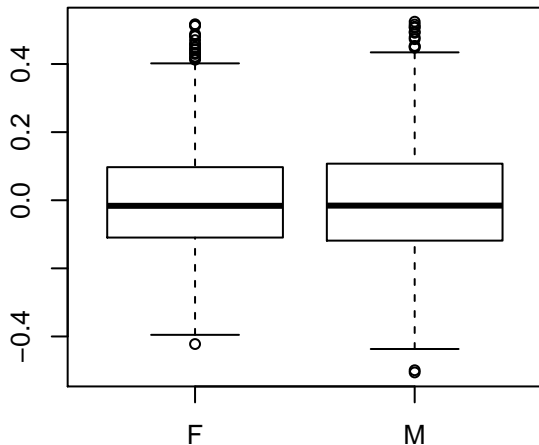
**SPPI.slope\_pB – raw (outliers removed)**  
(n = 1780 )



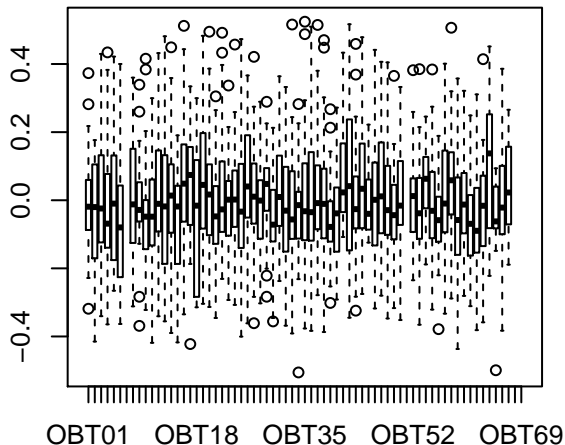
**Residuals (n = 1778 )**



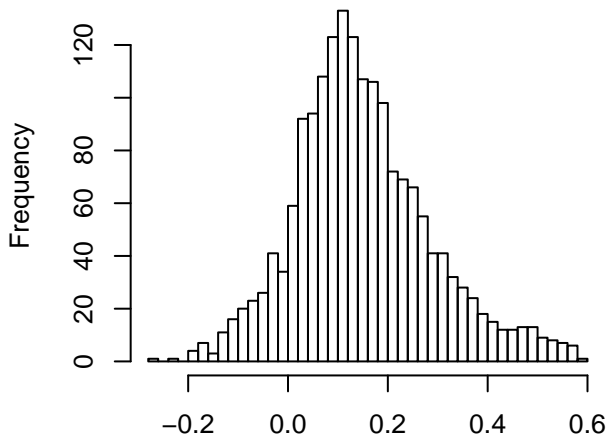
**Residuals**



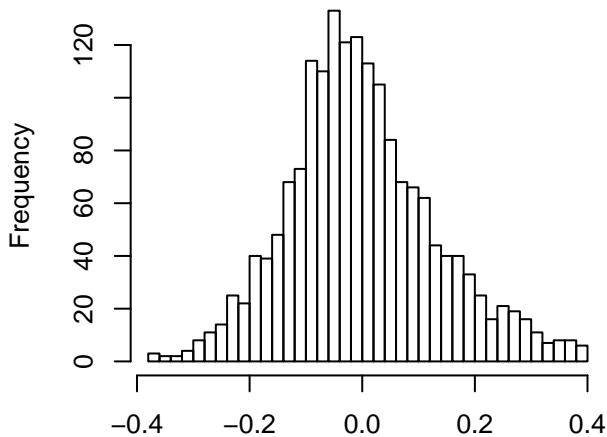
**Residuals**



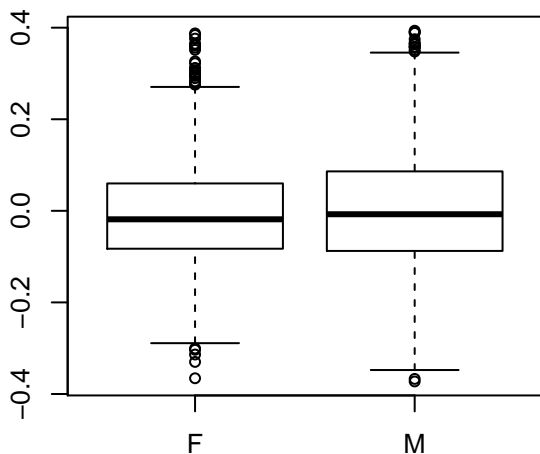
**SPPI.slope\_pC – raw (outliers removed)**  
(n = 1772 )



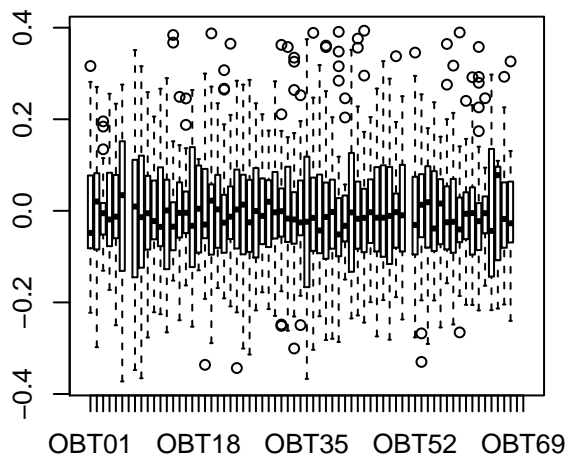
**Residuals (n = 1752 )**



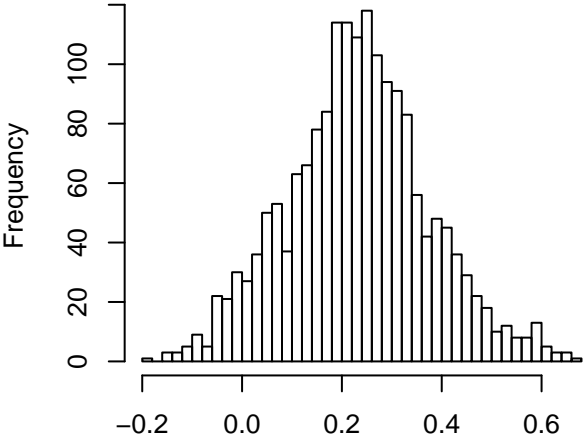
**Residuals**



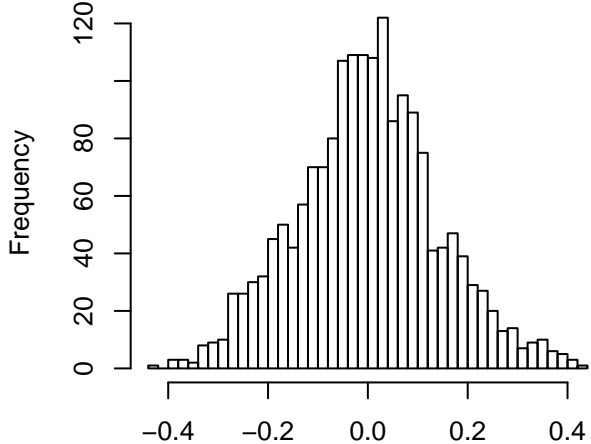
**Residuals**



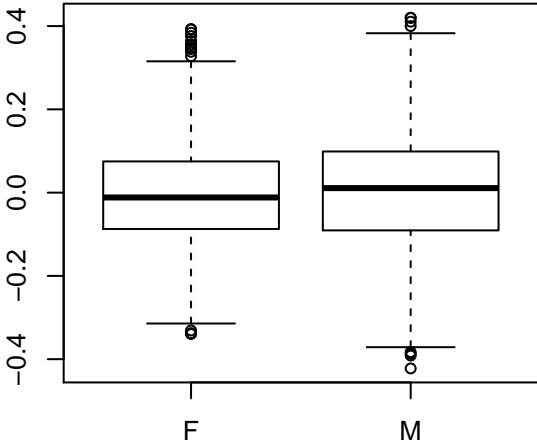
**SPPI.slpPPI\_average - raw (outliers remov  
(n = 1778 )**



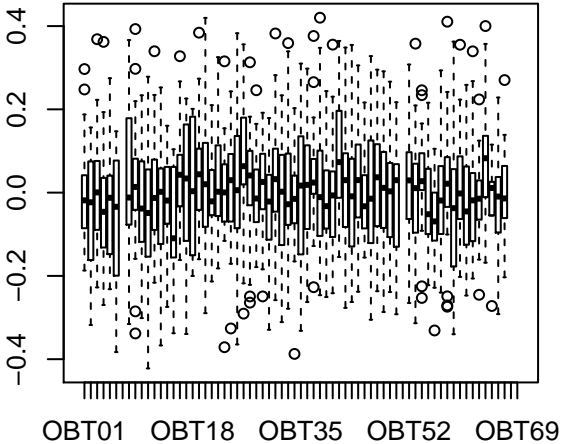
**Residuals (n = 1777 )**



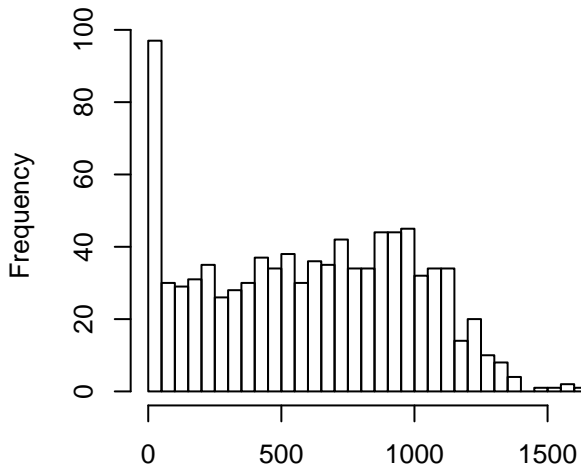
**Residuals**



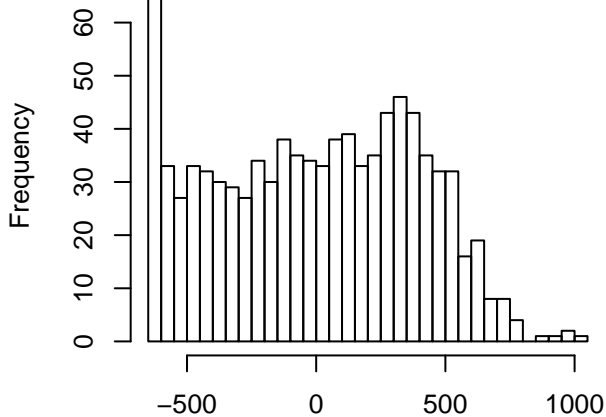
**Residuals**



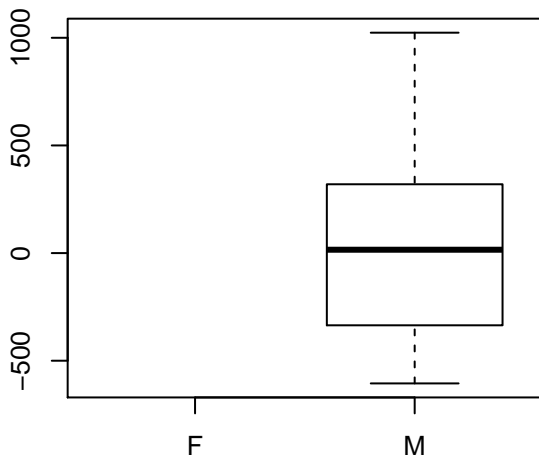
**Voc.n – raw (outliers removed)**  
**(n = 920)**



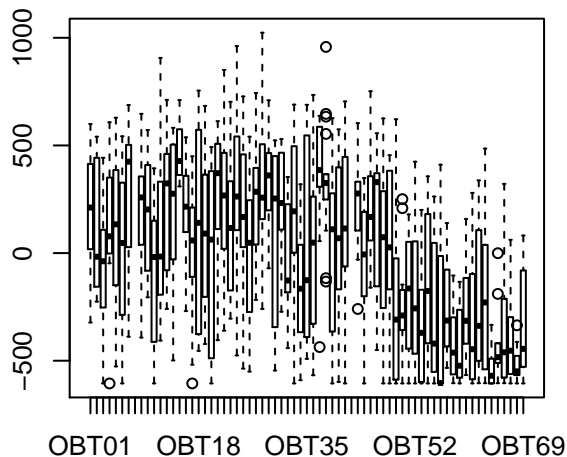
**Residuals (n = 917)**



**Residuals**

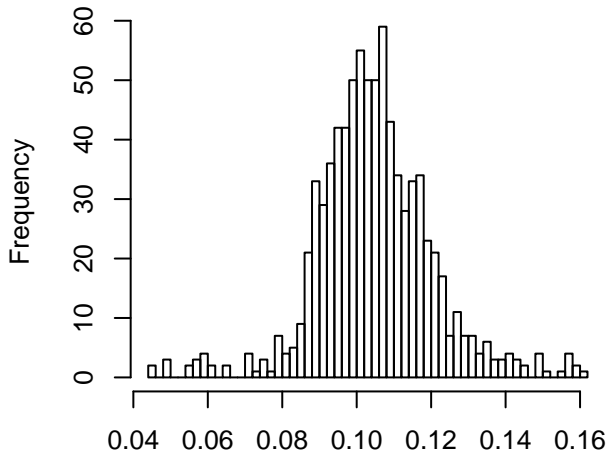


**Residuals**

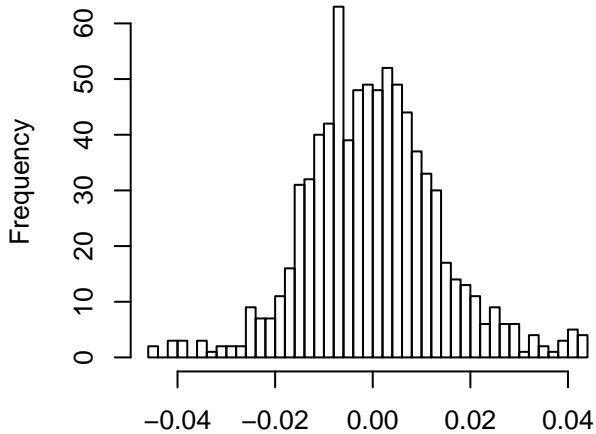




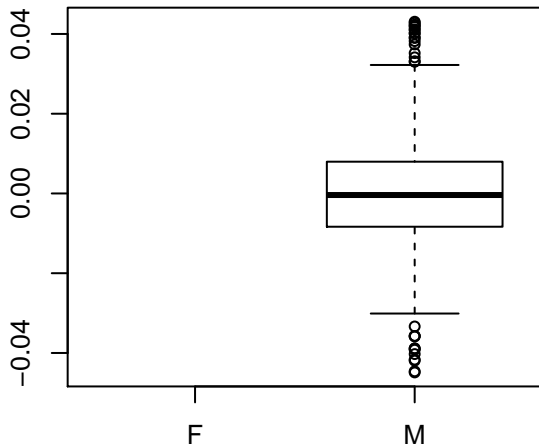
**Voc.gap – raw (outliers removed)**  
(n = 822)



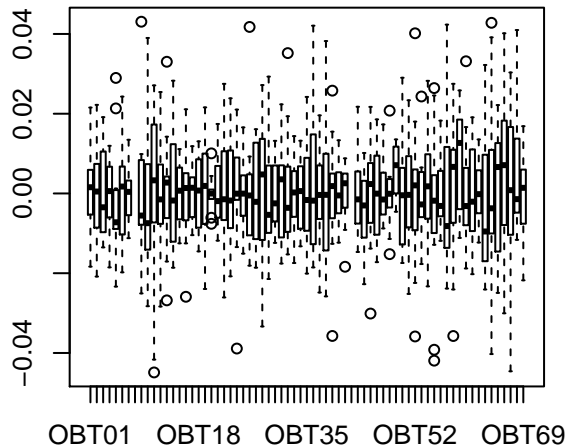
**Residuals (n = 807)**



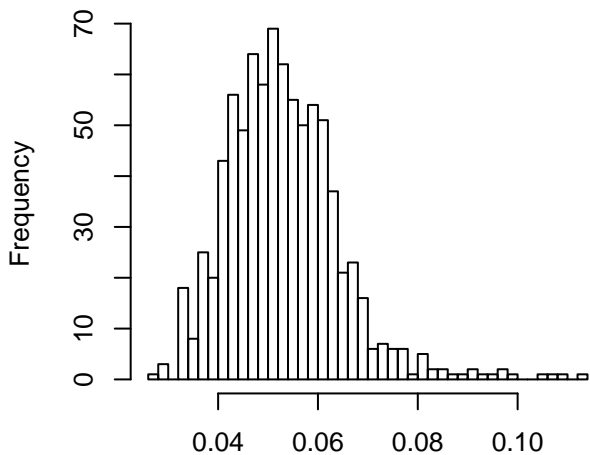
**Residuals**



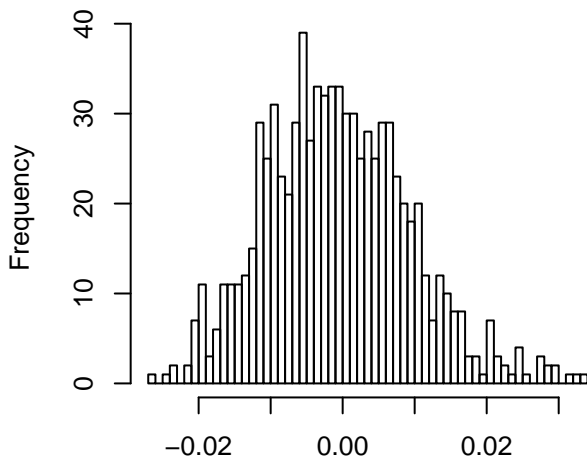
**Residuals**



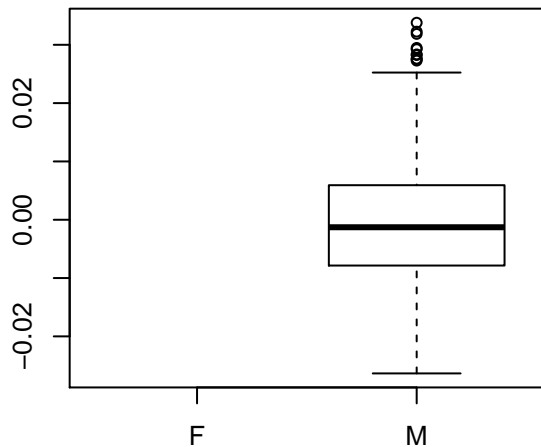
**Voc.length – raw (outliers removed)**  
**(n = 831 )**



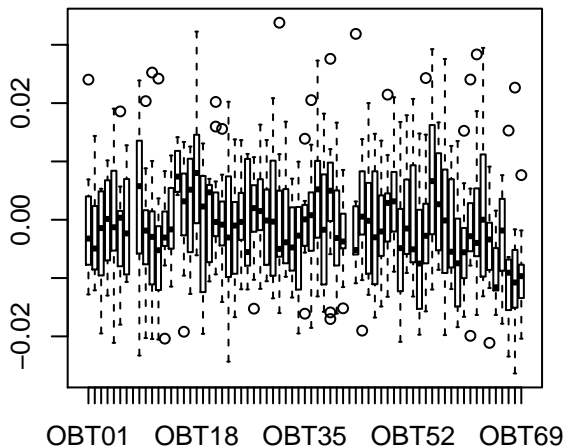
**Residuals (n = 817 )**



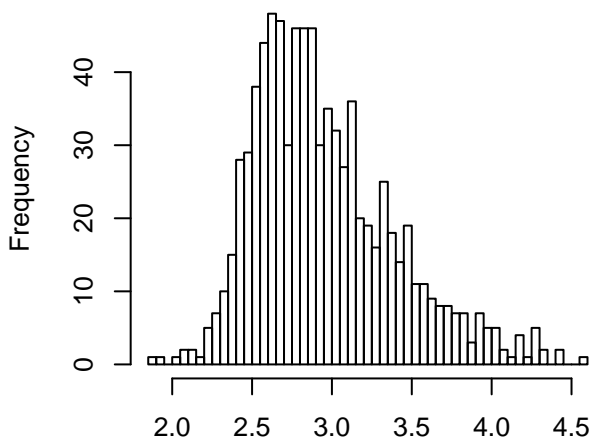
**Residuals**



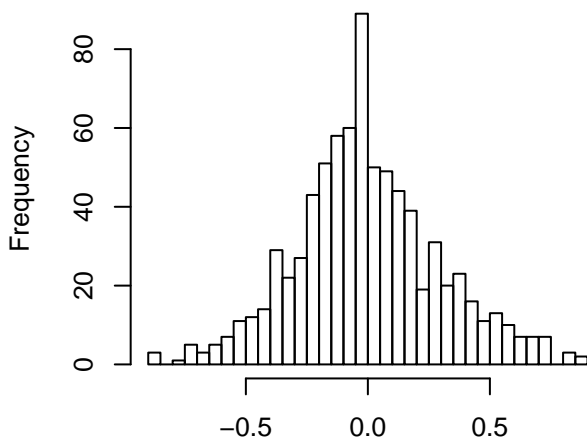
**Residuals**



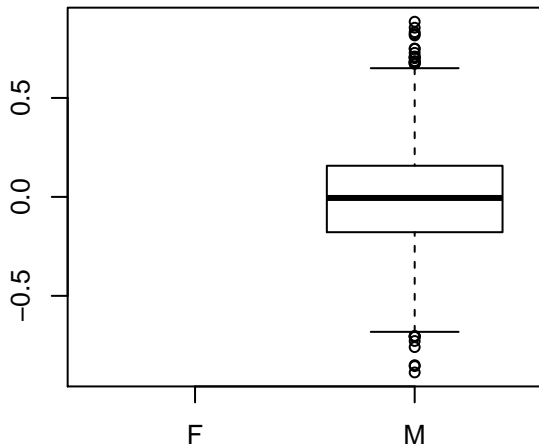
**Voc.intensity – raw (outliers removed)**  
(n = 837 )



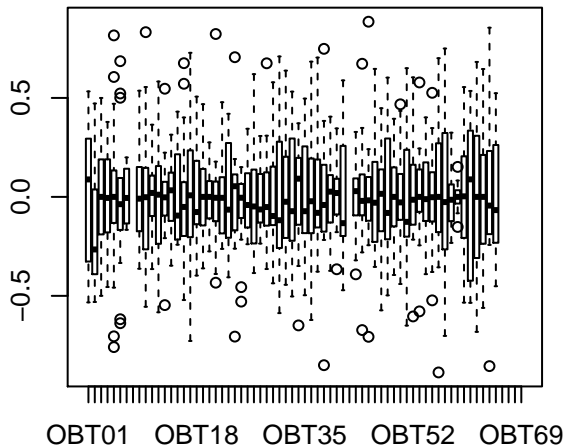
**Residuals (n = 791 )**



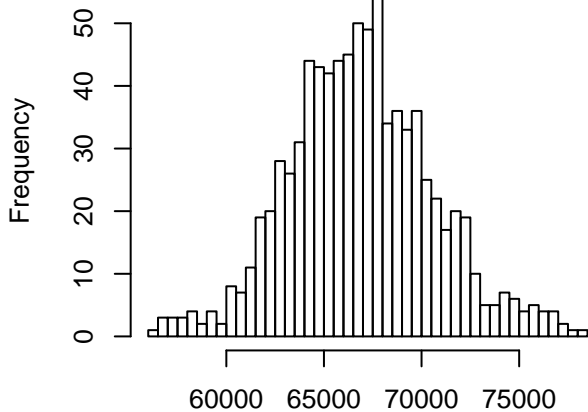
**Residuals**



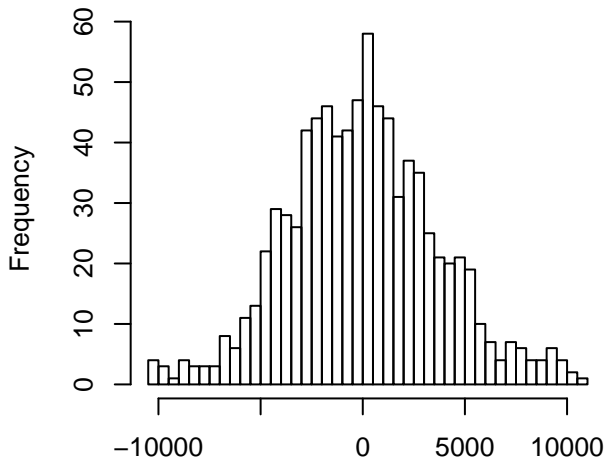
**Residuals**



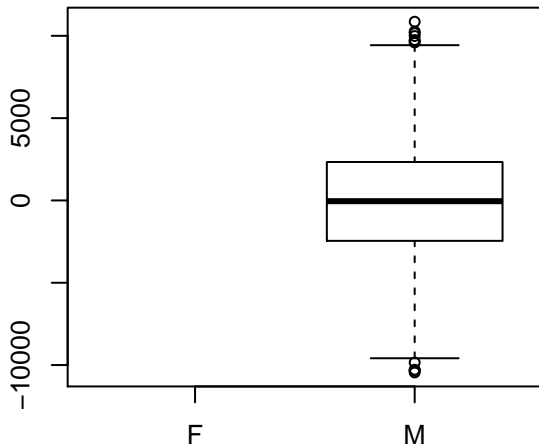
**Voc.frequency – raw (outliers removed)**  
**(n = 841 )**



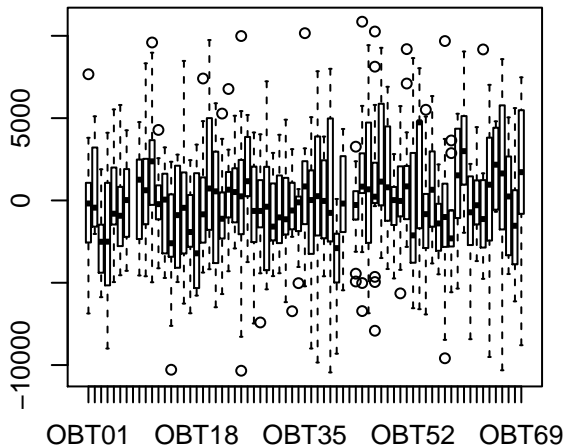
**Residuals (n = 838 )**



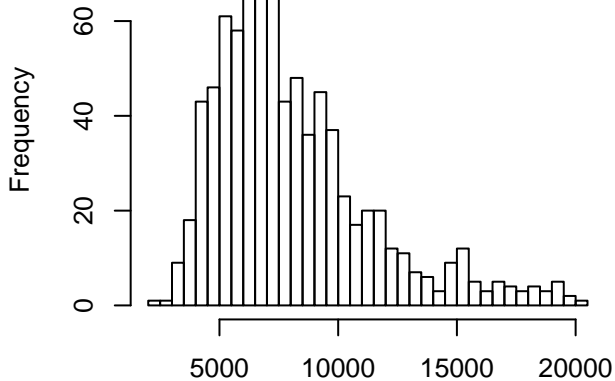
**Residuals**



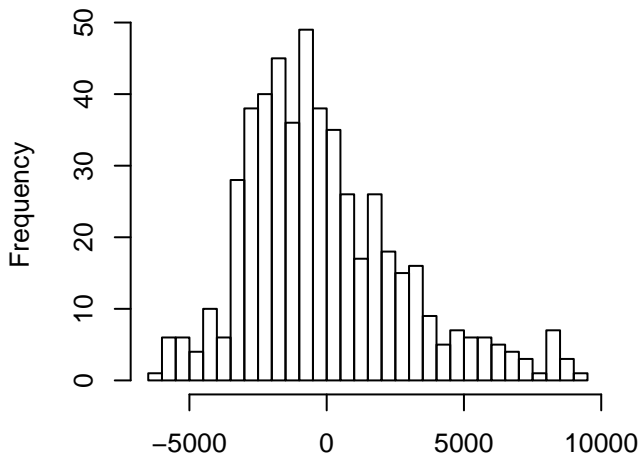
**Residuals**



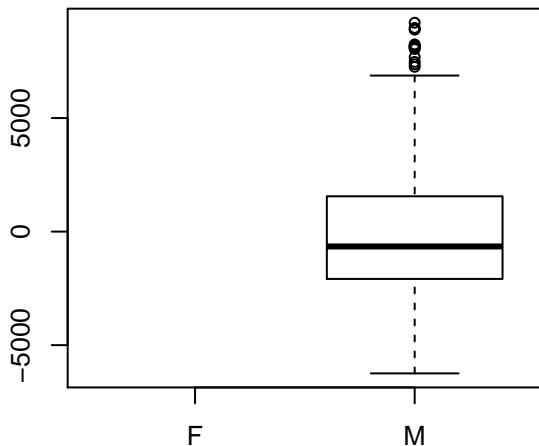
**Voc.freq\_var – raw (outliers removed)**  
**(n = 830 )**



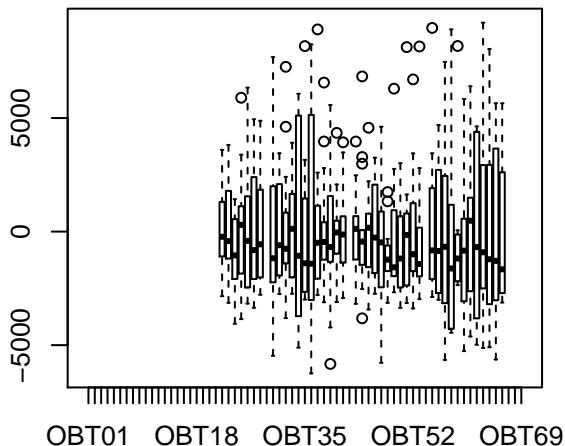
**Residuals (n = 517 )**



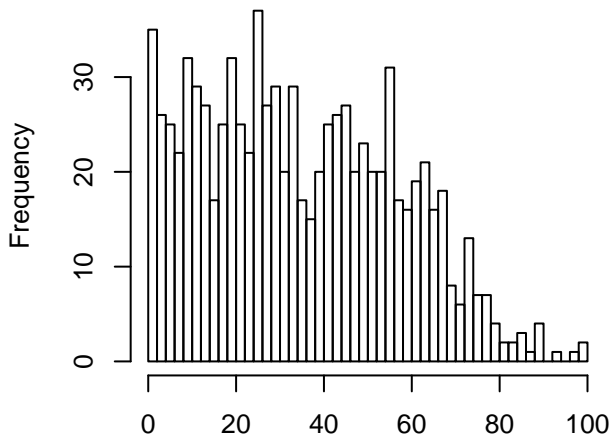
**Residuals**



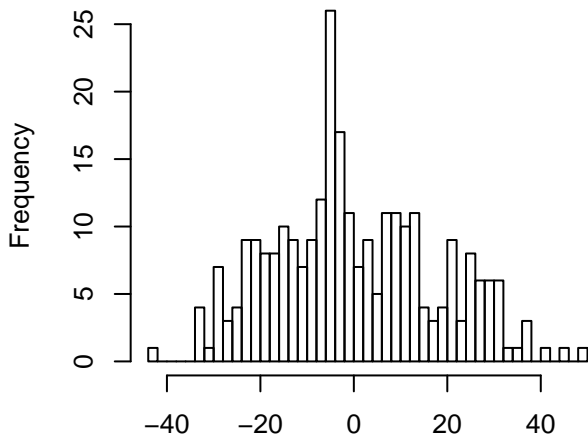
**Residuals**



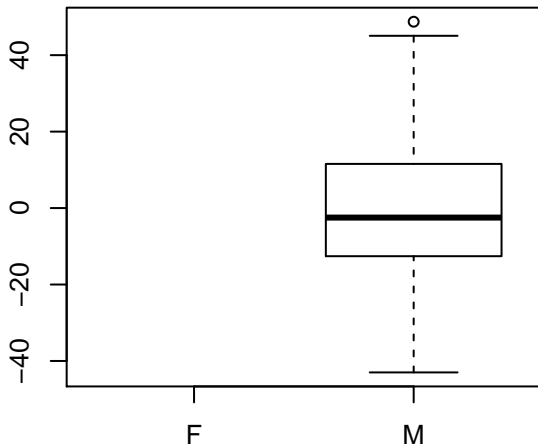
**Voc.tot - raw (outliers removed)**  
**(n = 871 )**



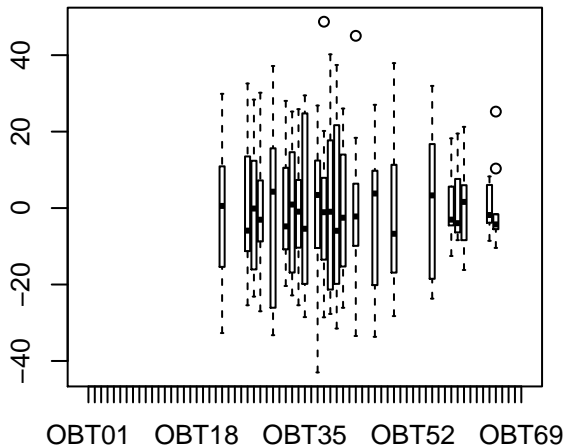
**Residuals (n = 276 )**



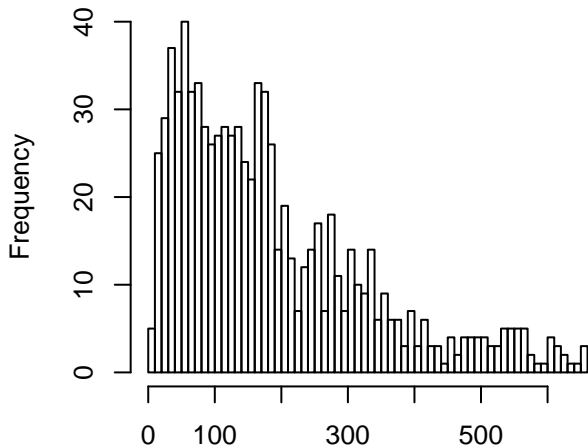
**Residuals**



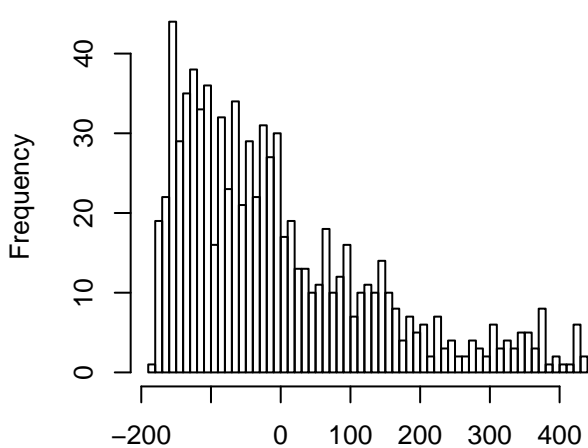
**Residuals**



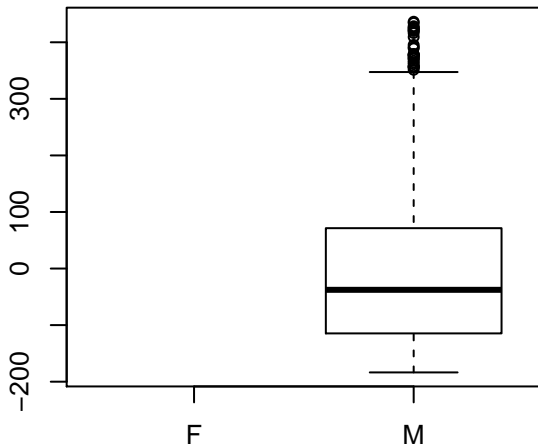
**Voc.n\_h - raw (outliers removed)**  
(n = 839)



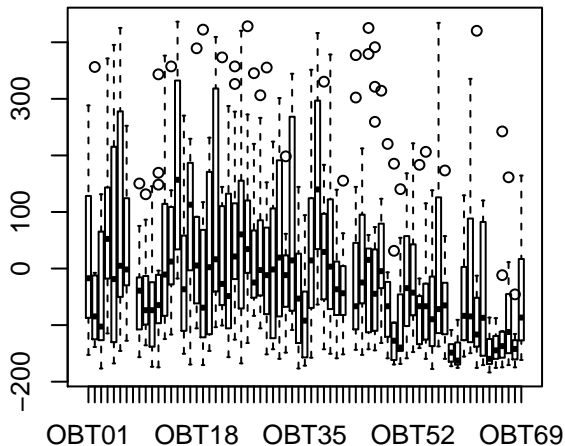
**Residuals (n = 832)**



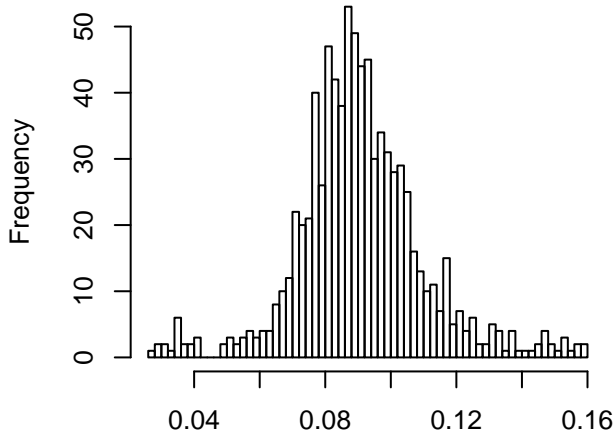
**Residuals**



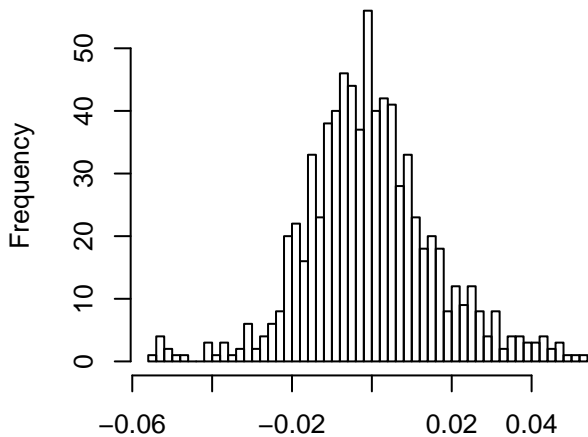
**Residuals**



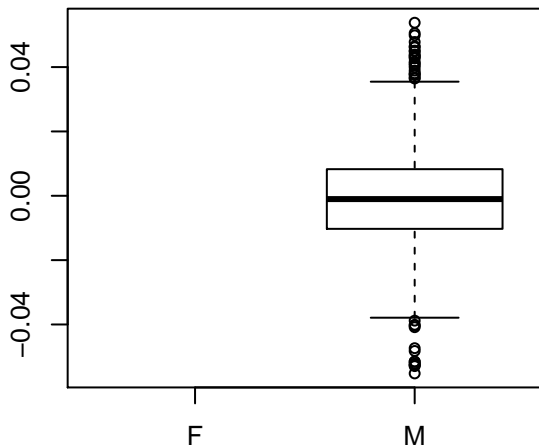
**Voc.gap\_h - raw (outliers removed)**  
(n = 830)



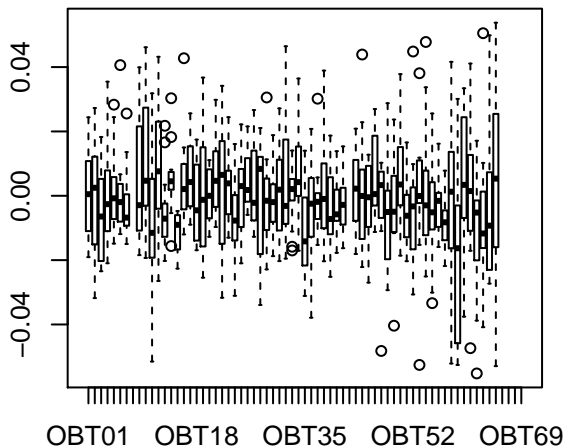
**Residuals (n = 772)**



**Residuals**

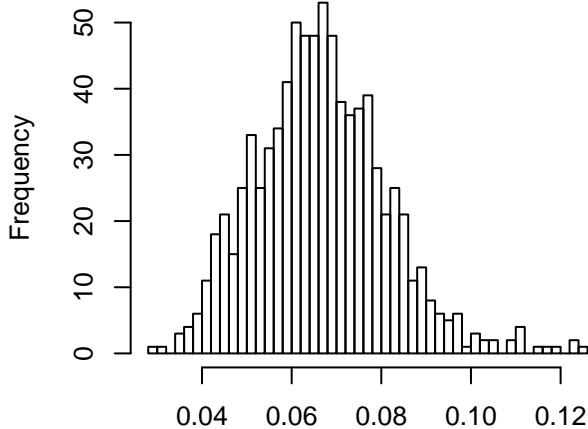


**Residuals**

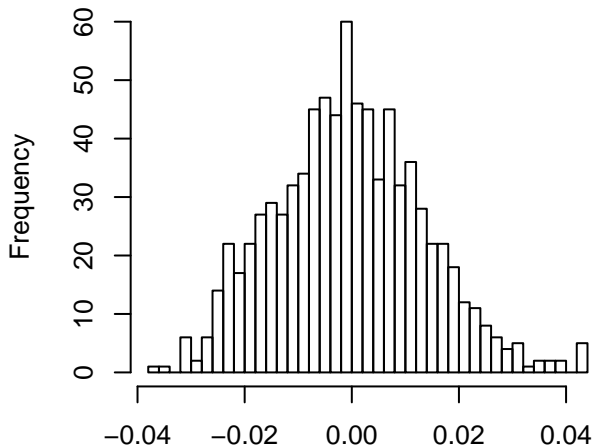




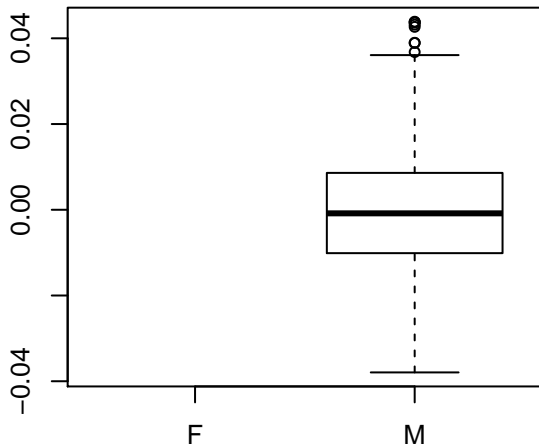
**Voc.length\_h – raw (outliers removed)**  
(n = 830)



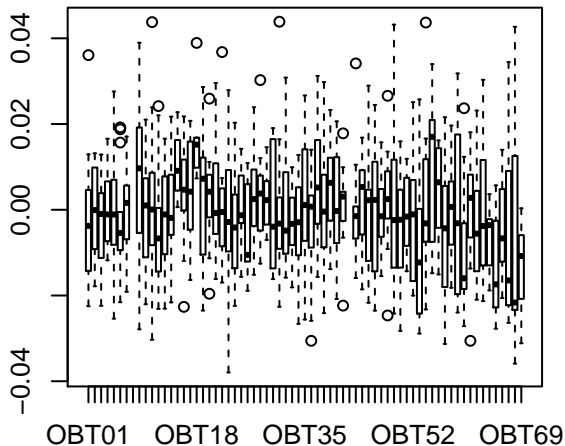
**Residuals (n = 821)**



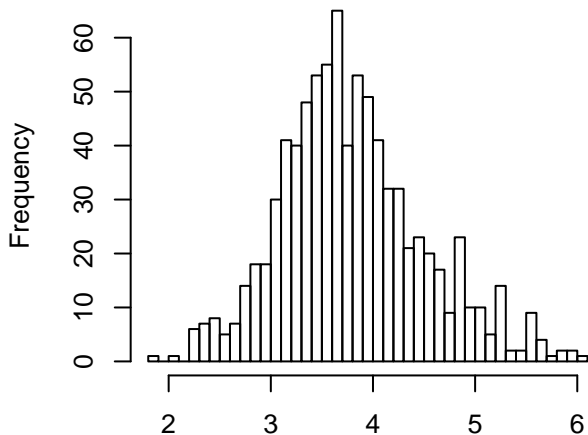
**Residuals**



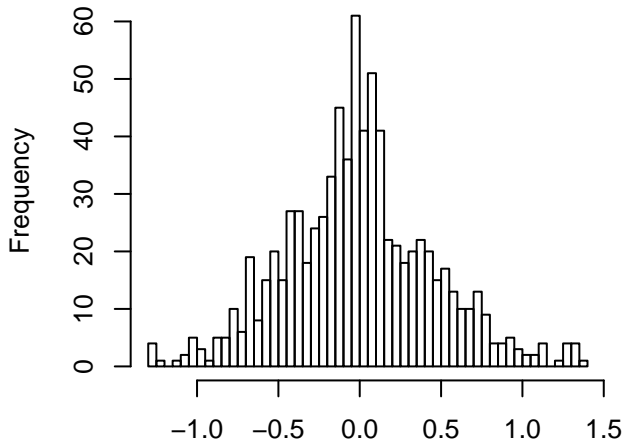
**Residuals**



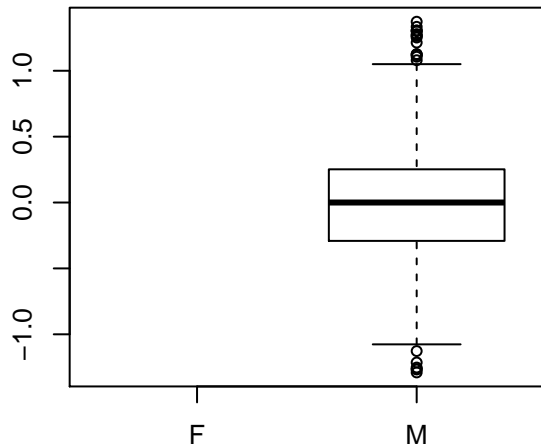
**Voc.intensity\_h - raw (outliers removed)**  
**(n = 839)**



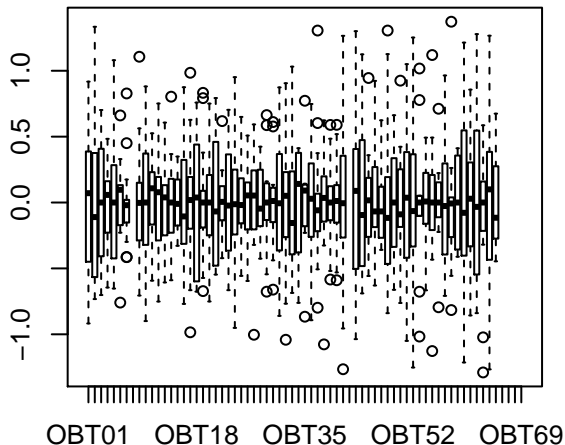
**Residuals (n = 794)**



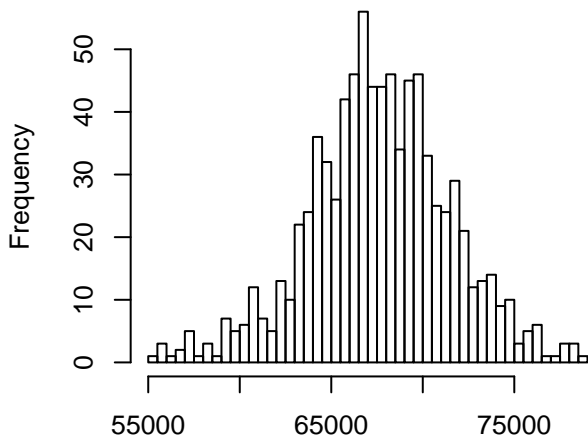
**Residuals**



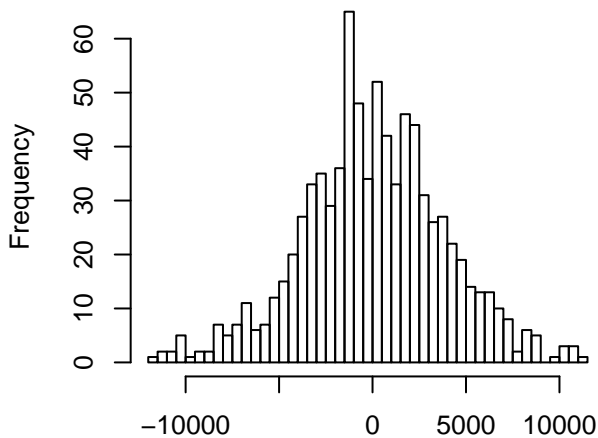
**Residuals**



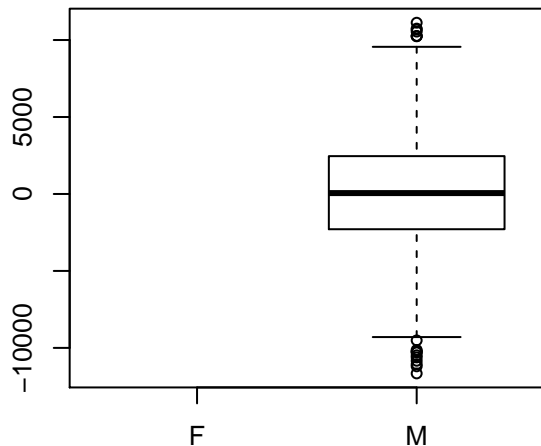
**Voc.frequency\_h - raw (outliers removed  
(n = 838 )**



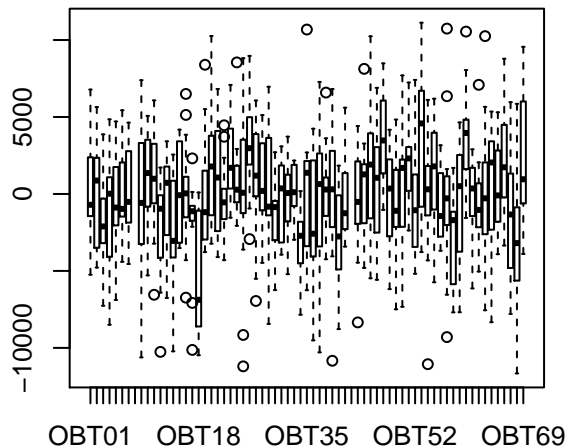
**Residuals (n = 833 )**



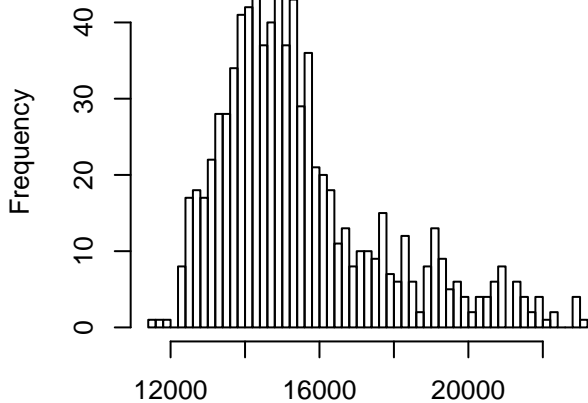
**Residuals**



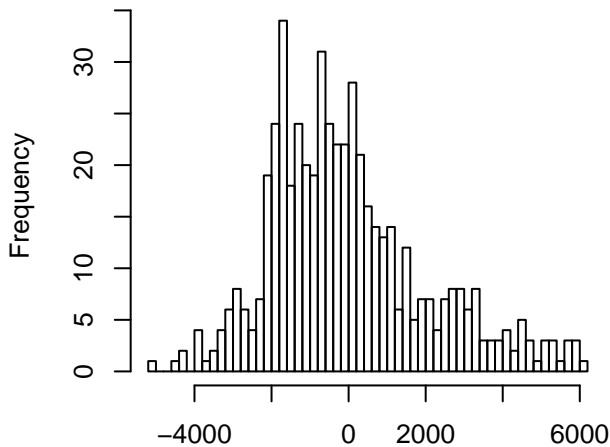
**Residuals**



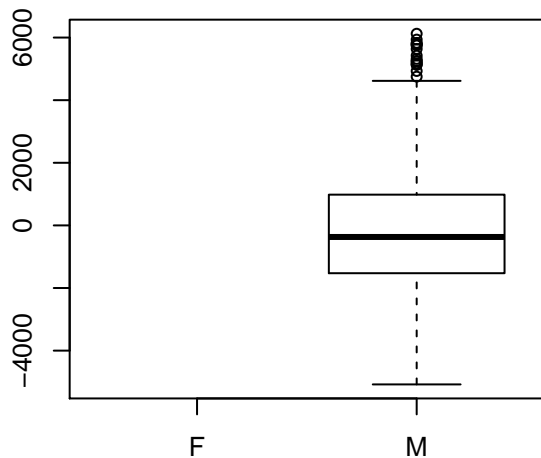
**Voc.freq\_var\_h – raw (outliers removed)**  
(n = 832)



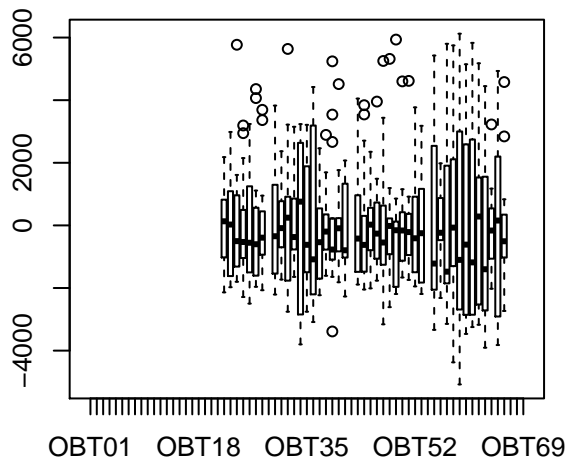
**Residuals (n = 525)**



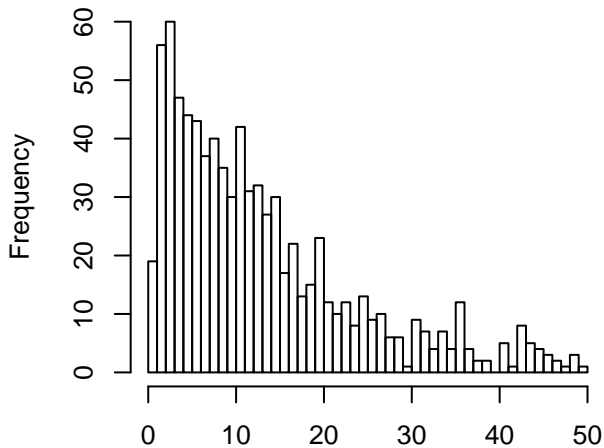
**Residuals**



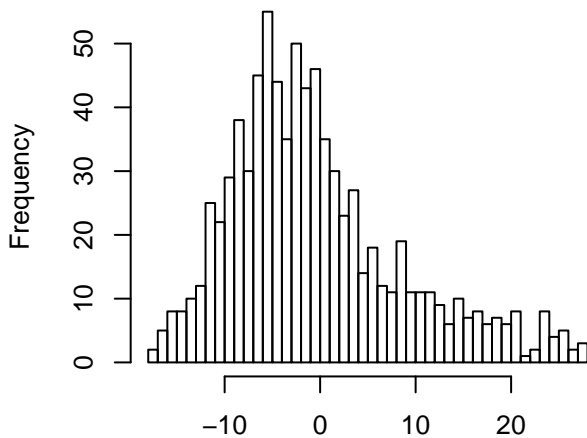
**Residuals**



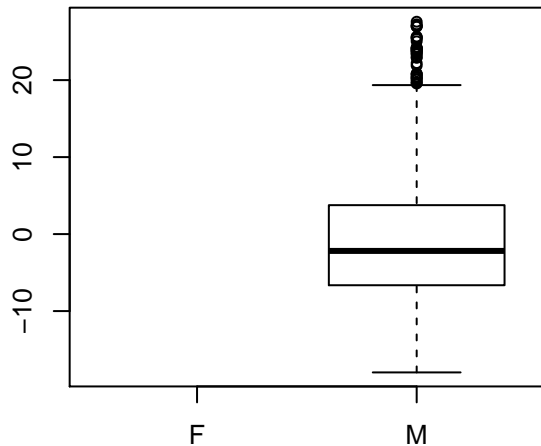
**Voc.tot\_h - raw (outliers removed)**  
(n = 834)



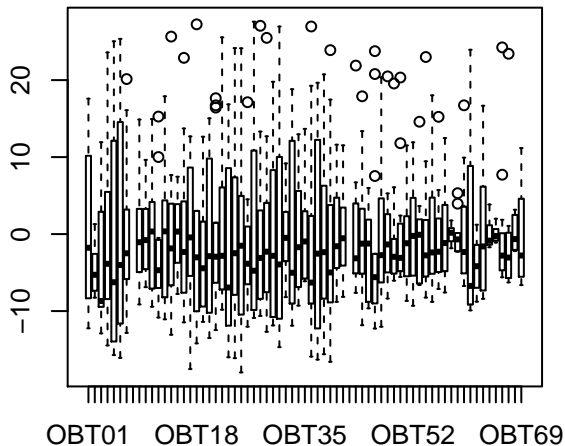
**Residuals (n = 821)**



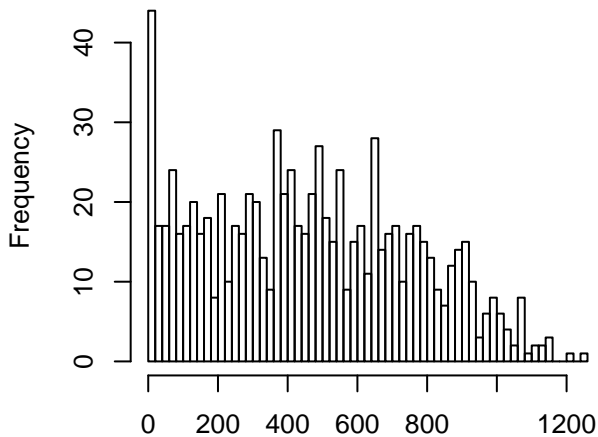
**Residuals**



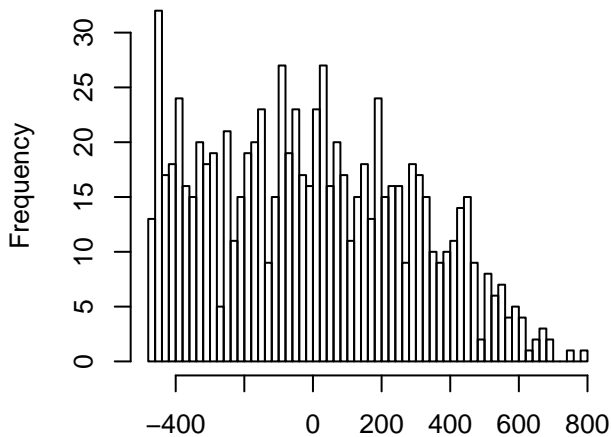
**Residuals**



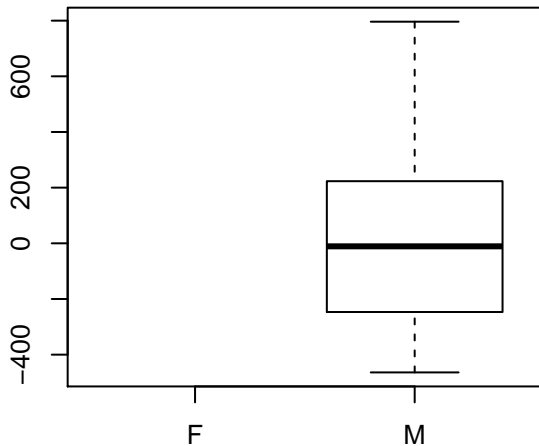
**Voc.n\_I – raw (outliers removed)**  
(n = 848)



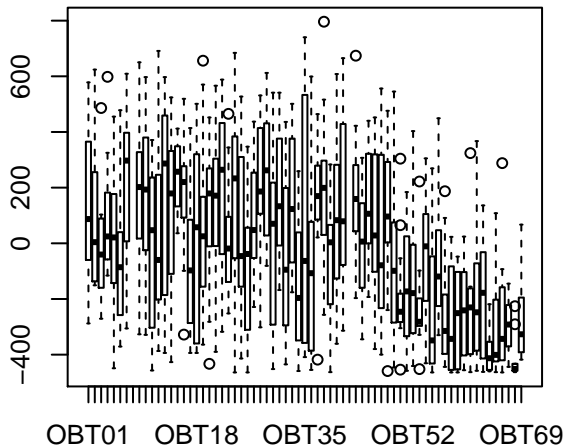
**Residuals (n = 846)**



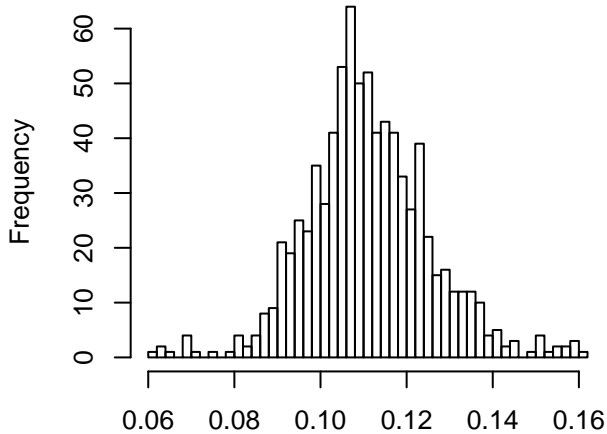
**Residuals**



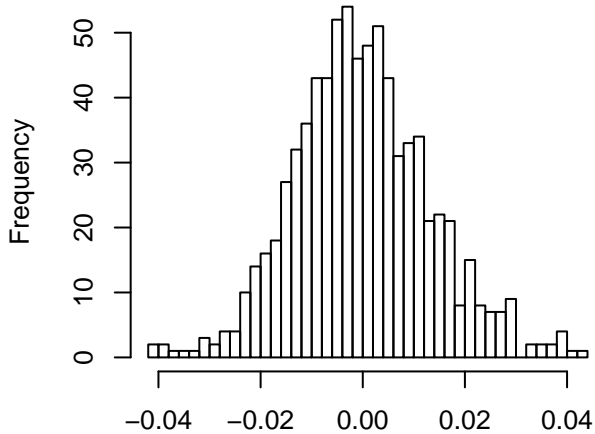
**Residuals**



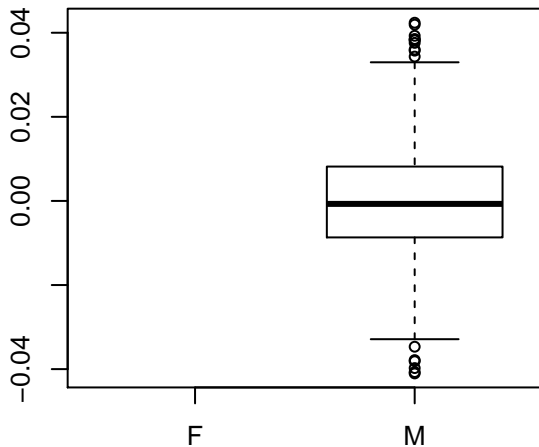
**Voc.gap\_I – raw (outliers removed)**  
(n = 800)



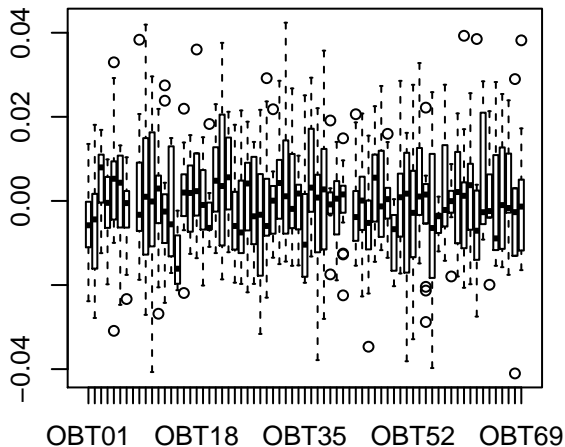
**Residuals (n = 781)**



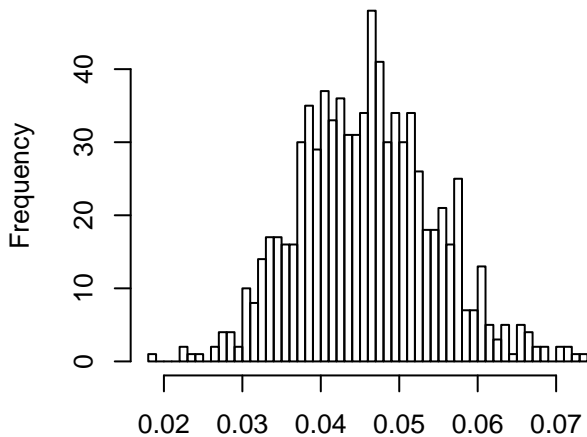
**Residuals**



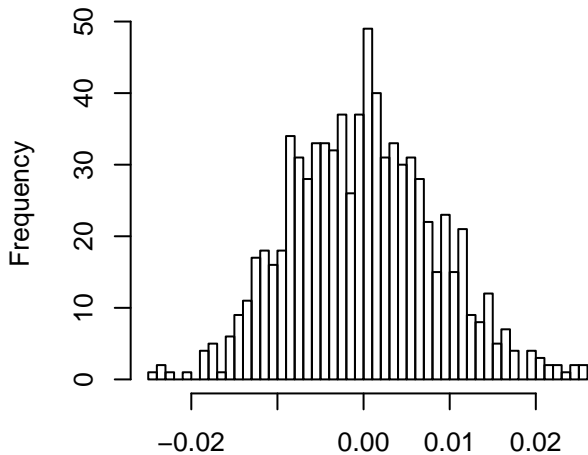
**Residuals**



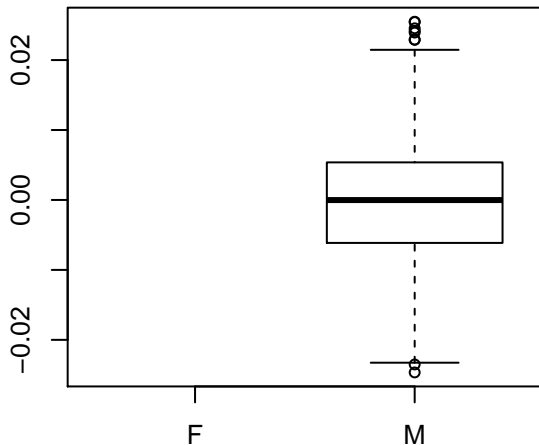
**Voc.length\_I – raw (outliers removed)**  
**(n = 812)**



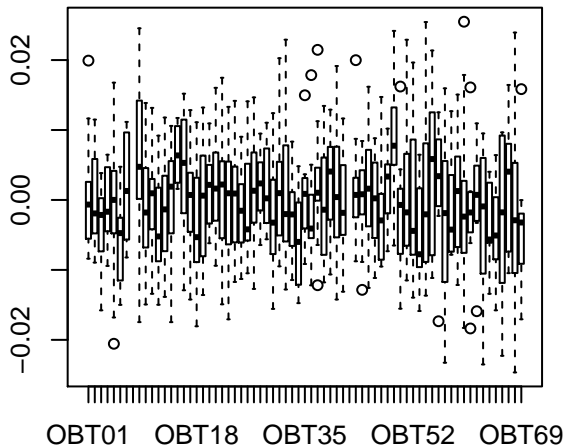
**Residuals (n = 800)**



**Residuals**

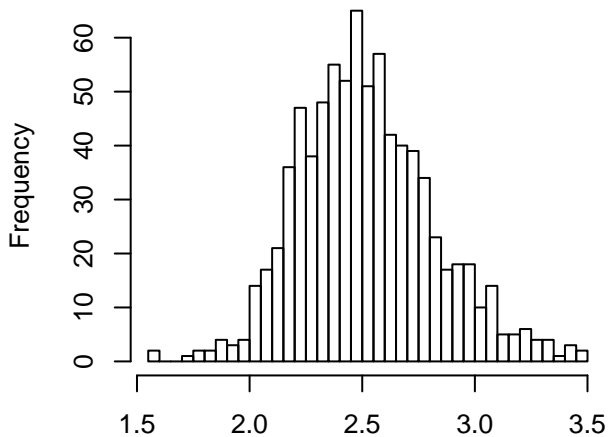


**Residuals**

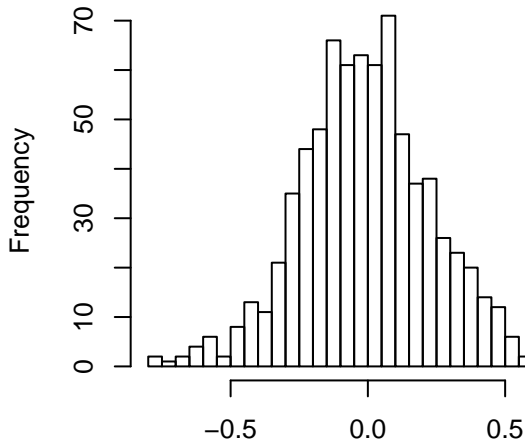




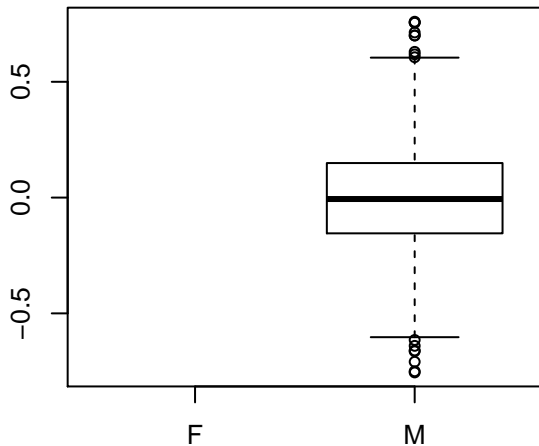
**Voc.intensity\_I – raw (outliers removed)**  
(n = 804)



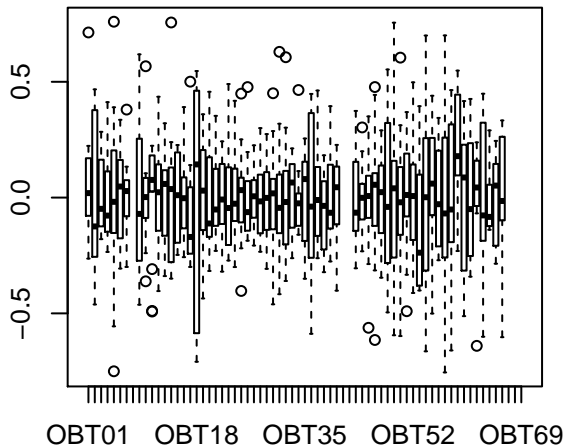
**Residuals (n = 754)**



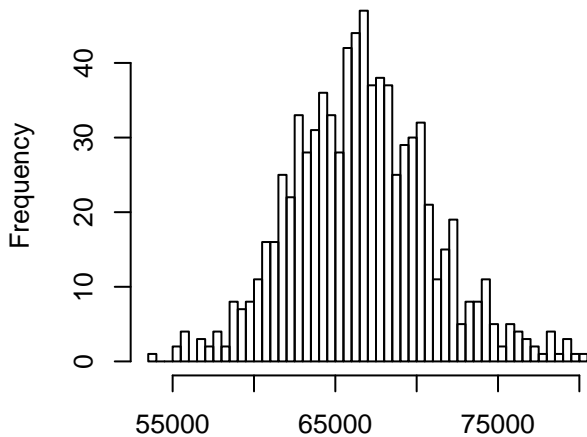
**Residuals**



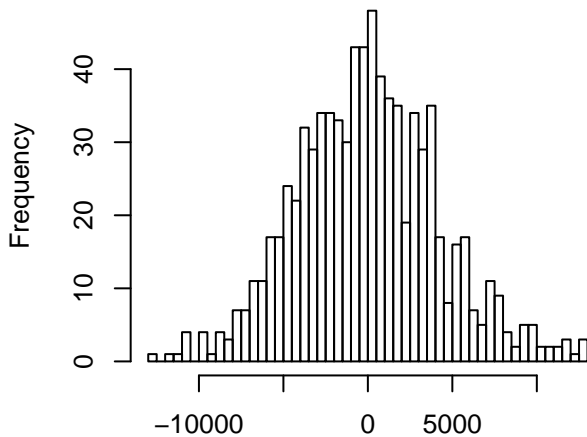
**Residuals**



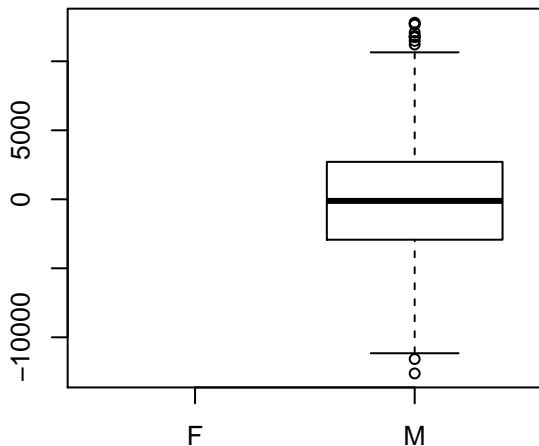
**Voc.frequency\_I - raw (outliers removed  
(n = 811 )**



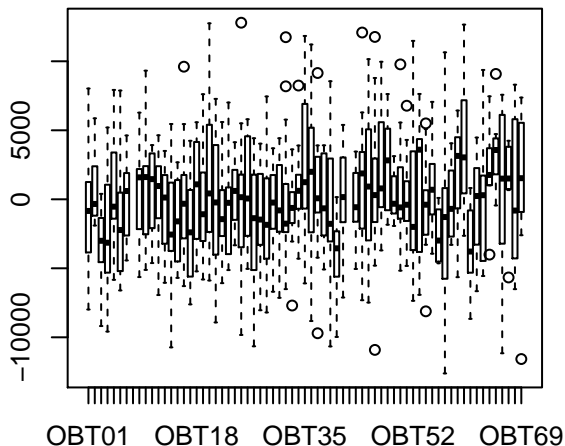
**Residuals (n = 807 )**



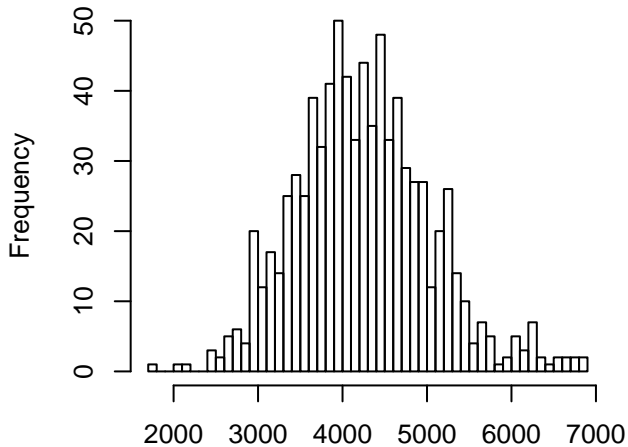
**Residuals**



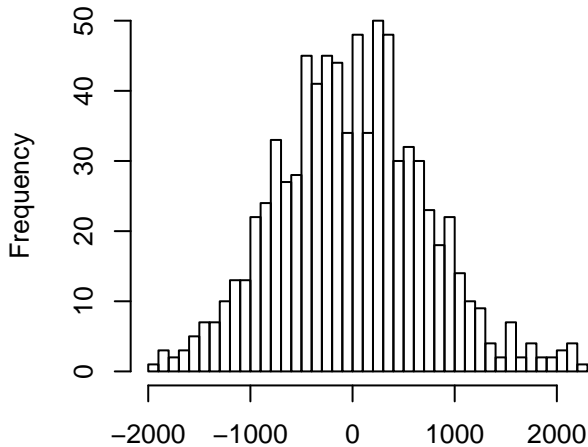
**Residuals**



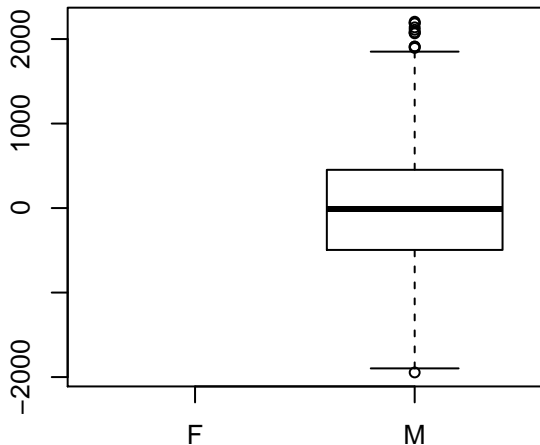
**Voc.freq\_var\_I – raw (outliers removed)**  
**(n = 810)**



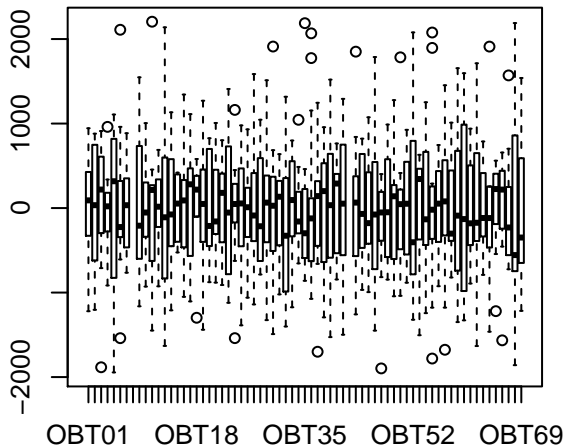
**Residuals (n = 806)**



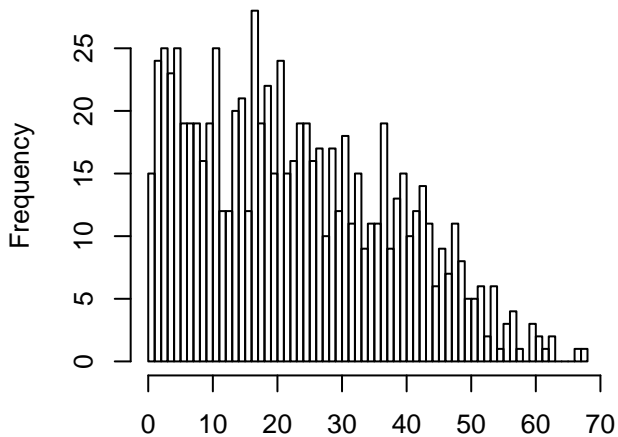
**Residuals**



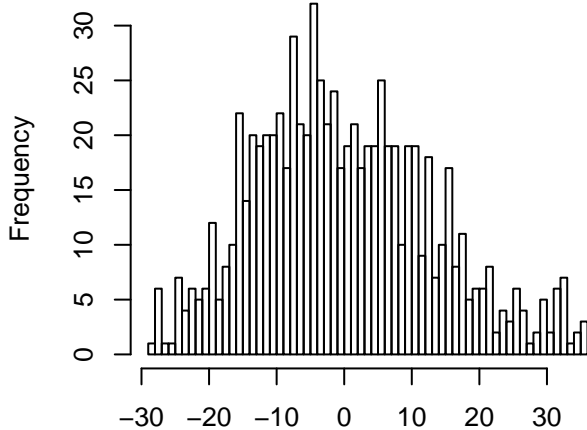
**Residuals**



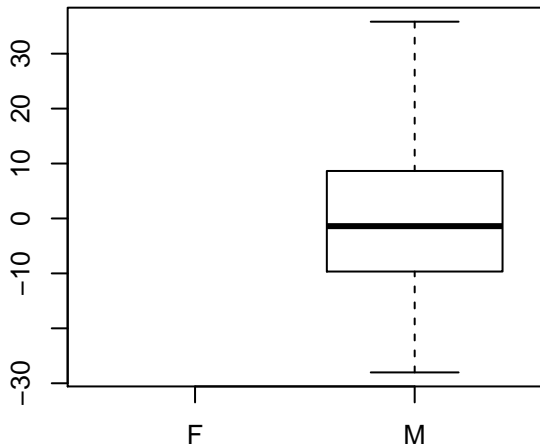
**Voc.tot\_I - raw (outliers removed)**  
(n = 817)



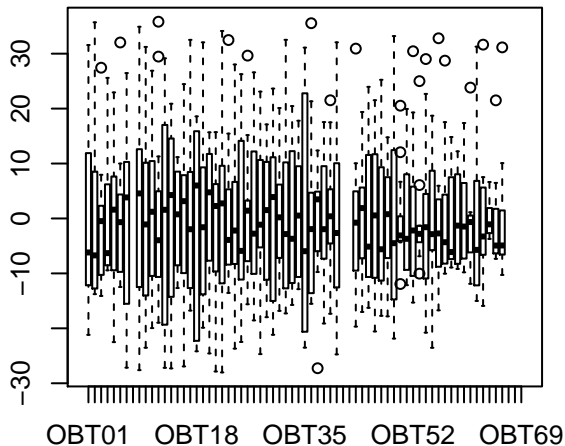
**Residuals (n = 774)**



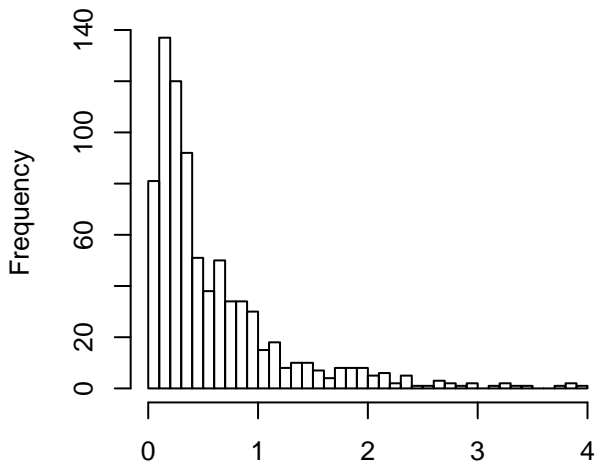
**Residuals**



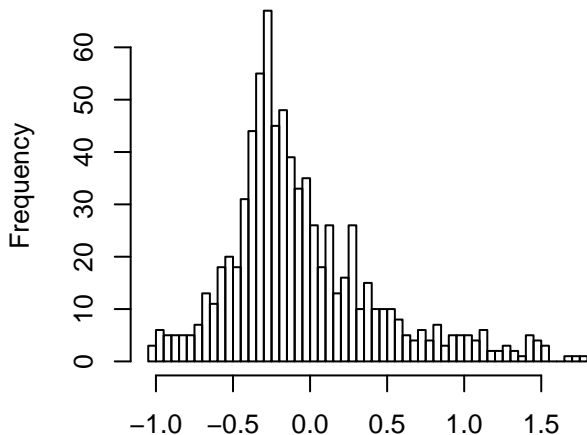
**Residuals**



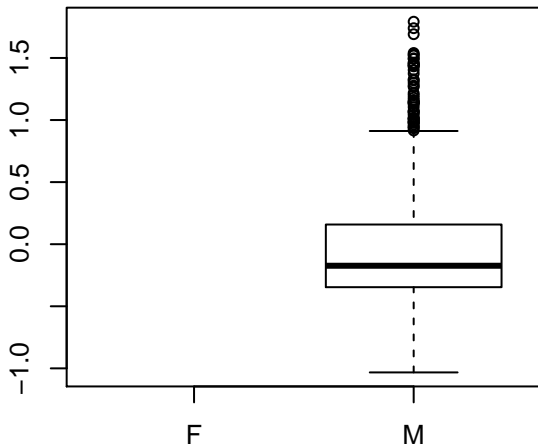
Voc.freq\_var\_ratio - raw (outliers remove)  
(n = 800)



Residuals (n = 780)



Residuals



Residuals

