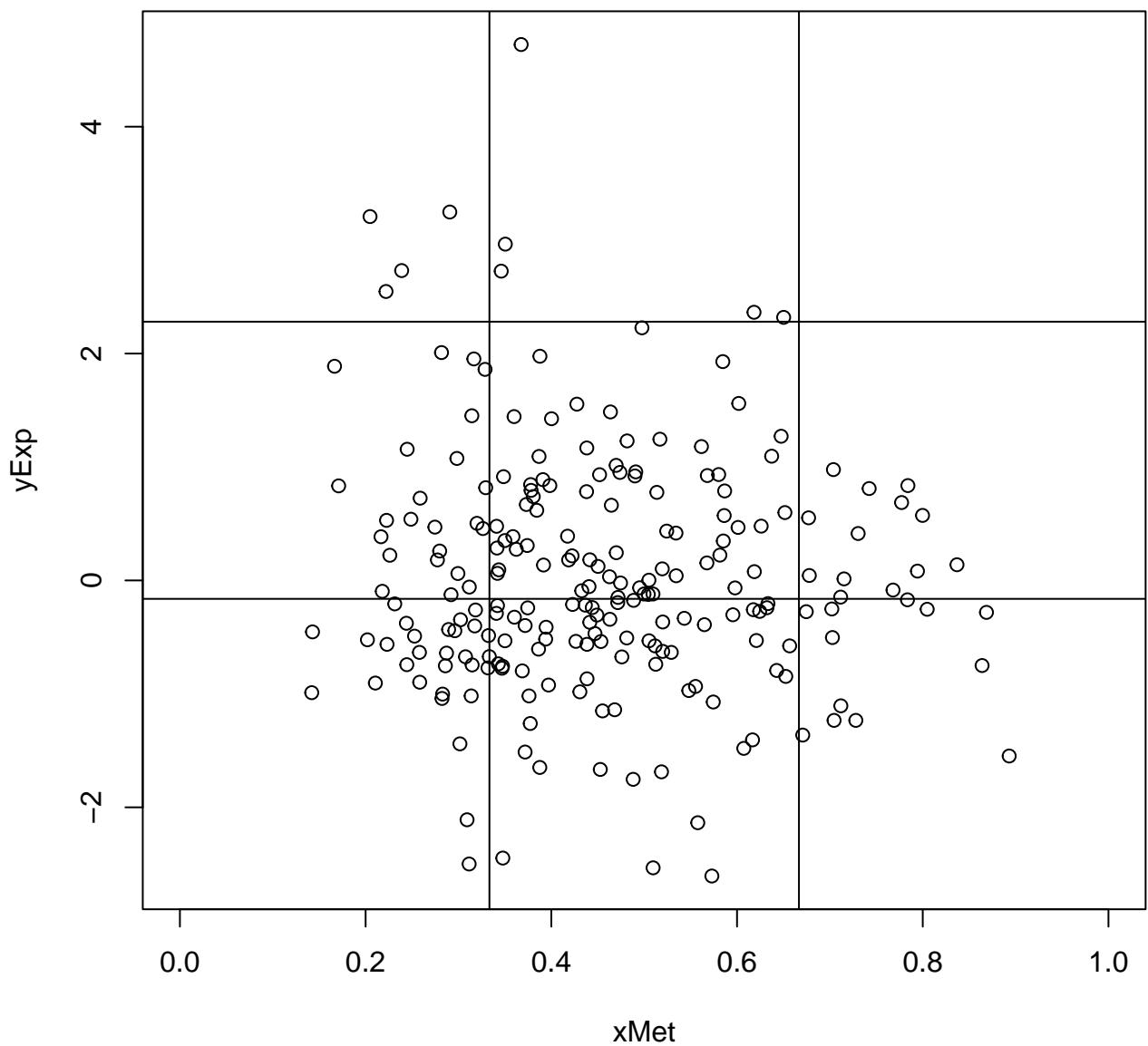
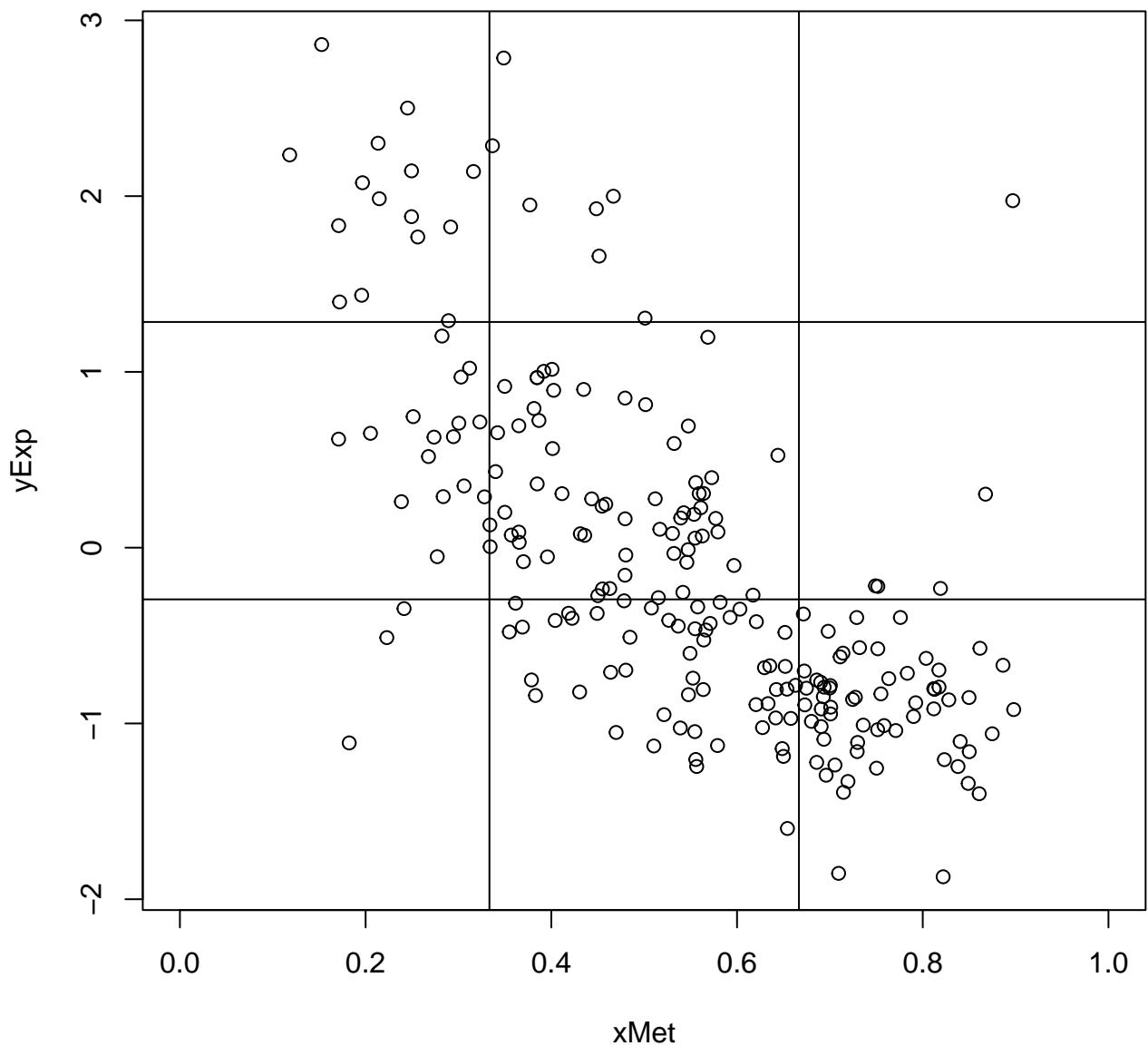


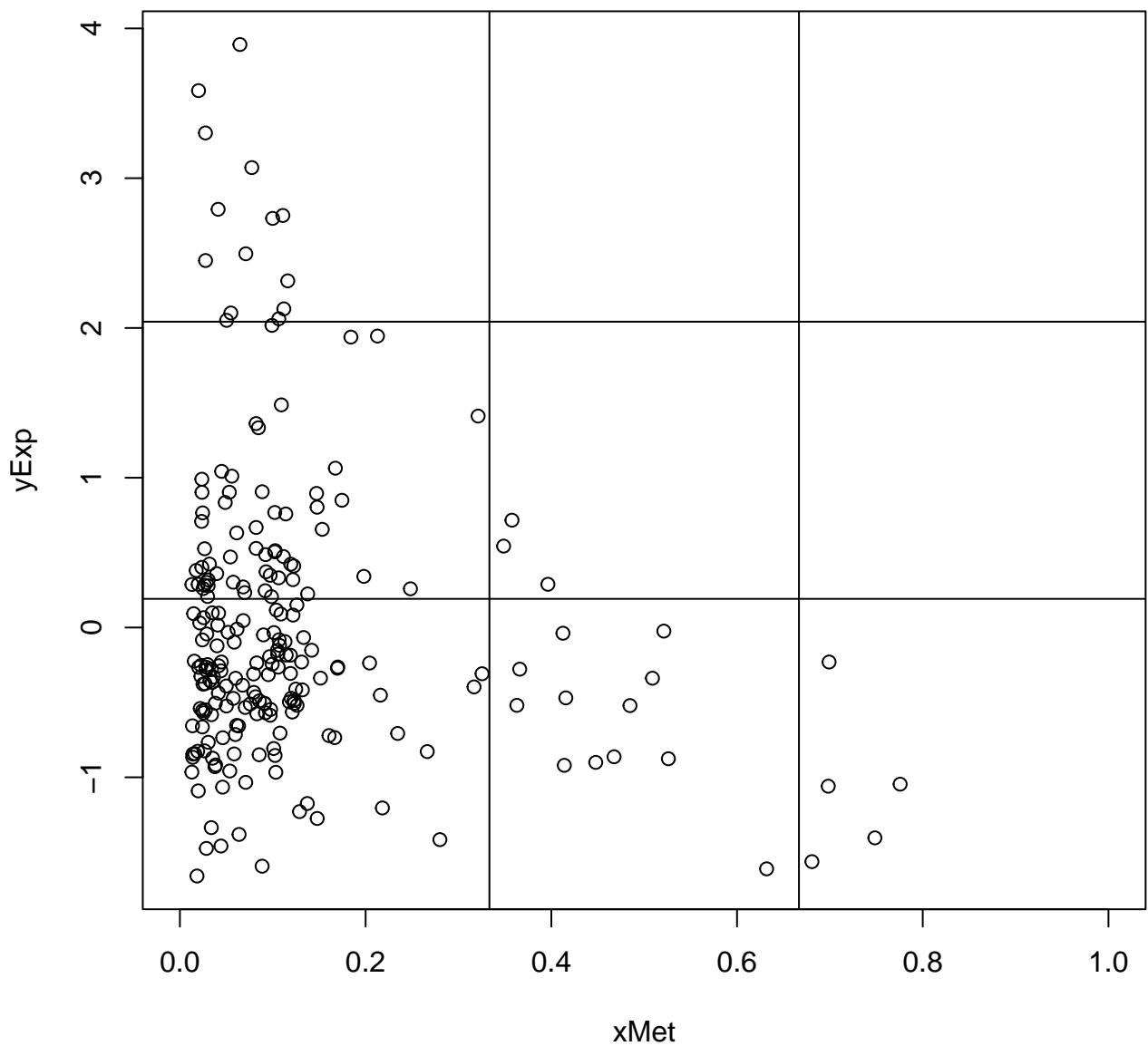
A2ML1, 113



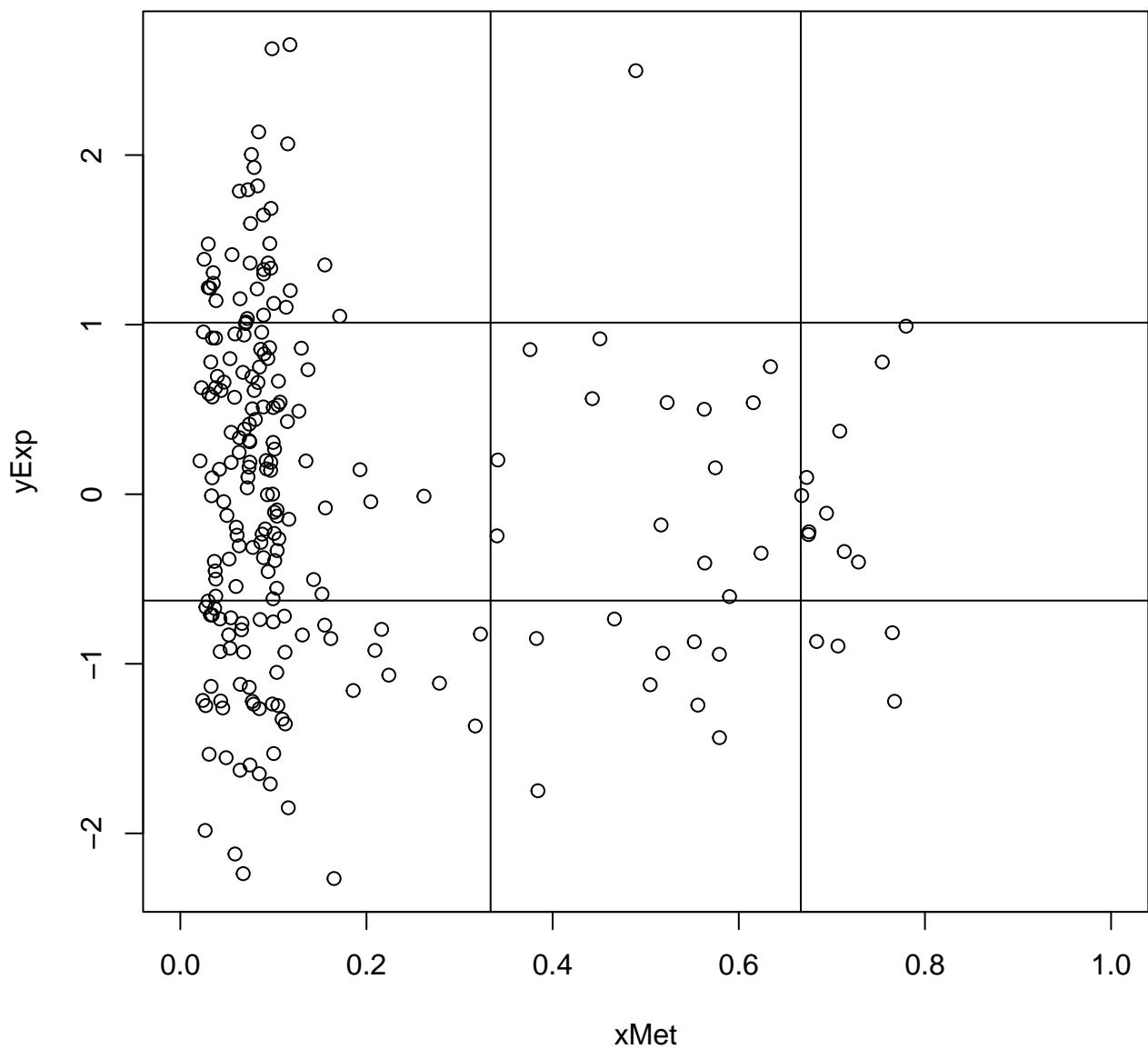
ABCC2, 159.4



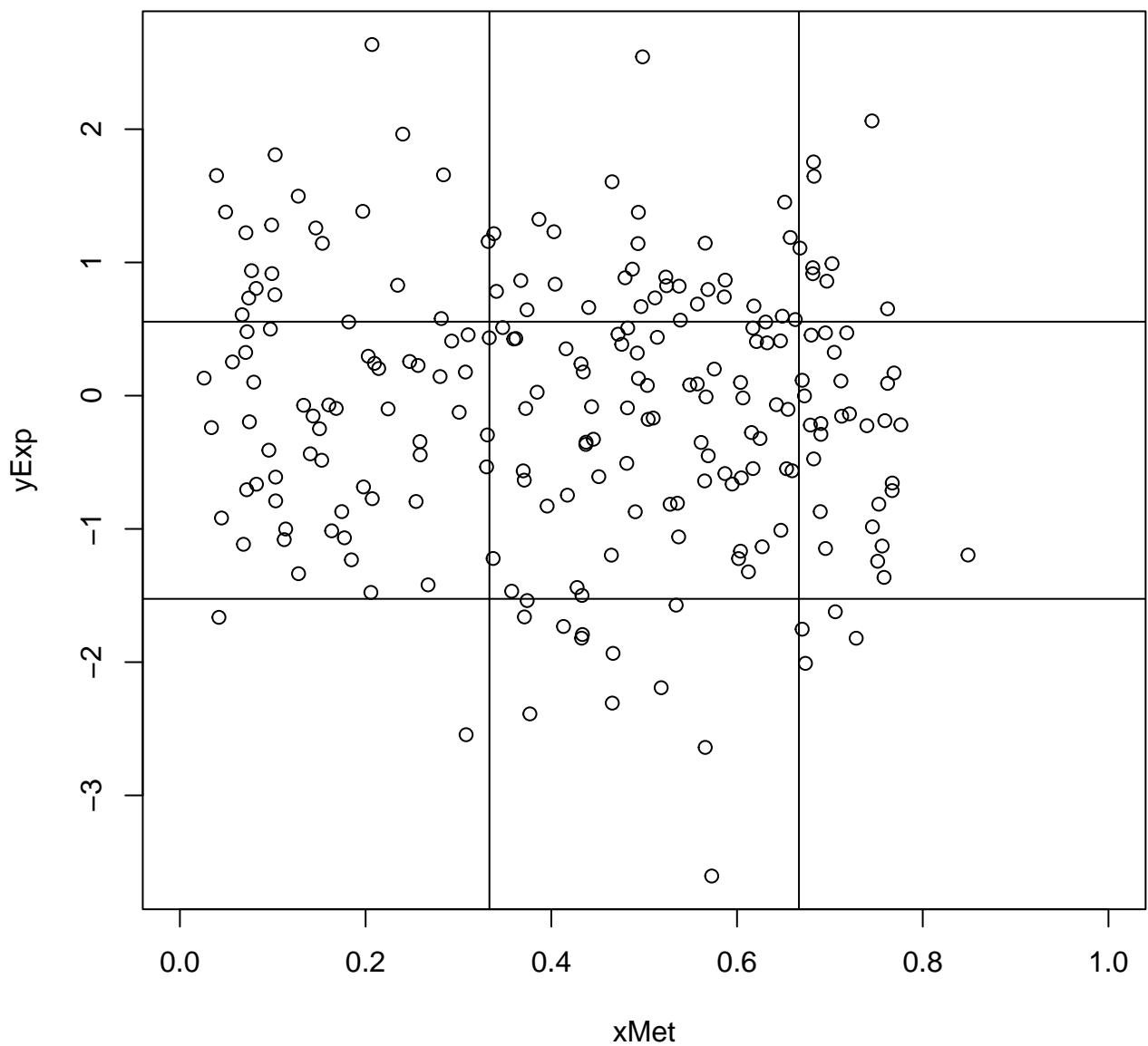
ABCG2, 239



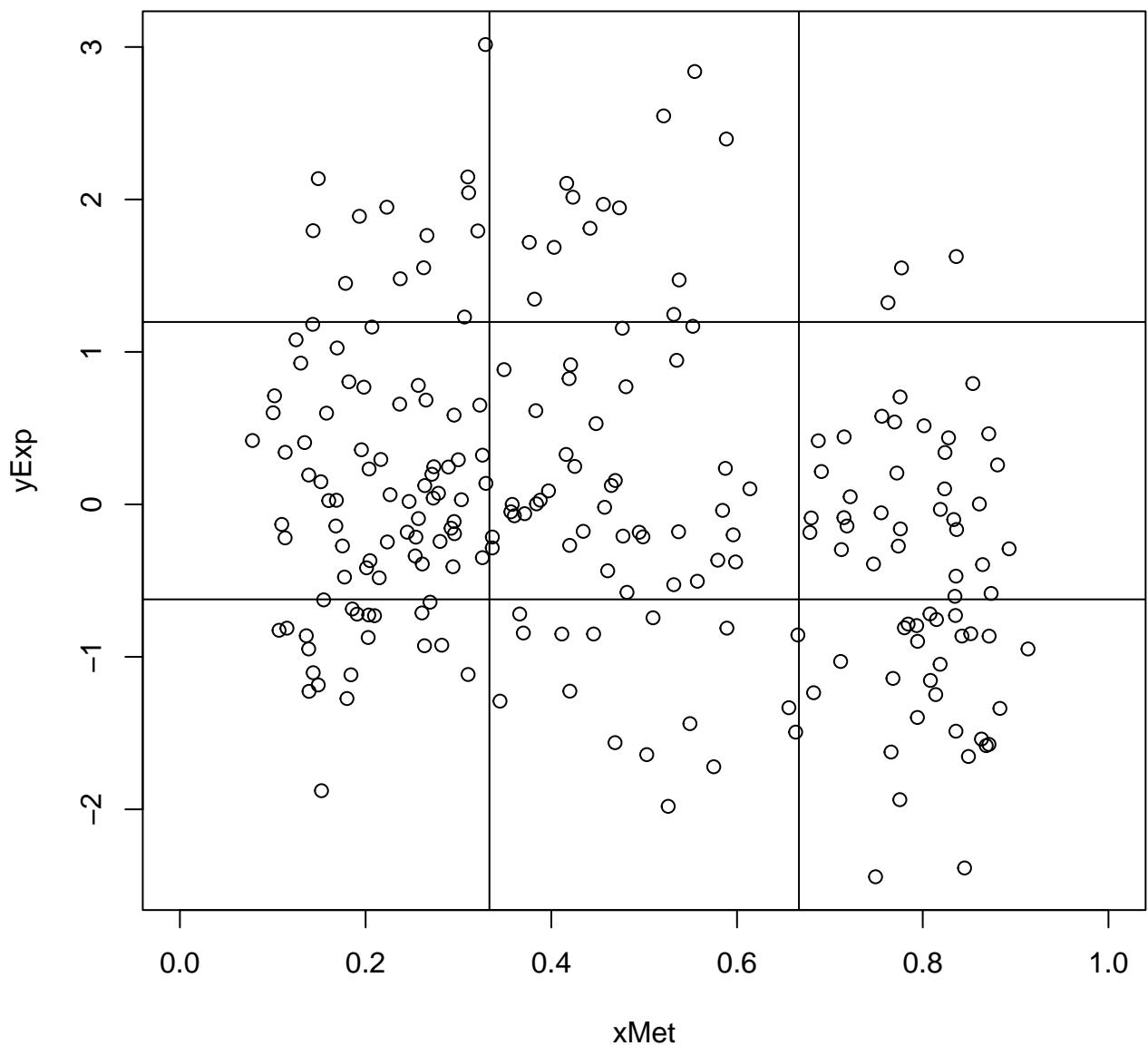
ABTB2, 216



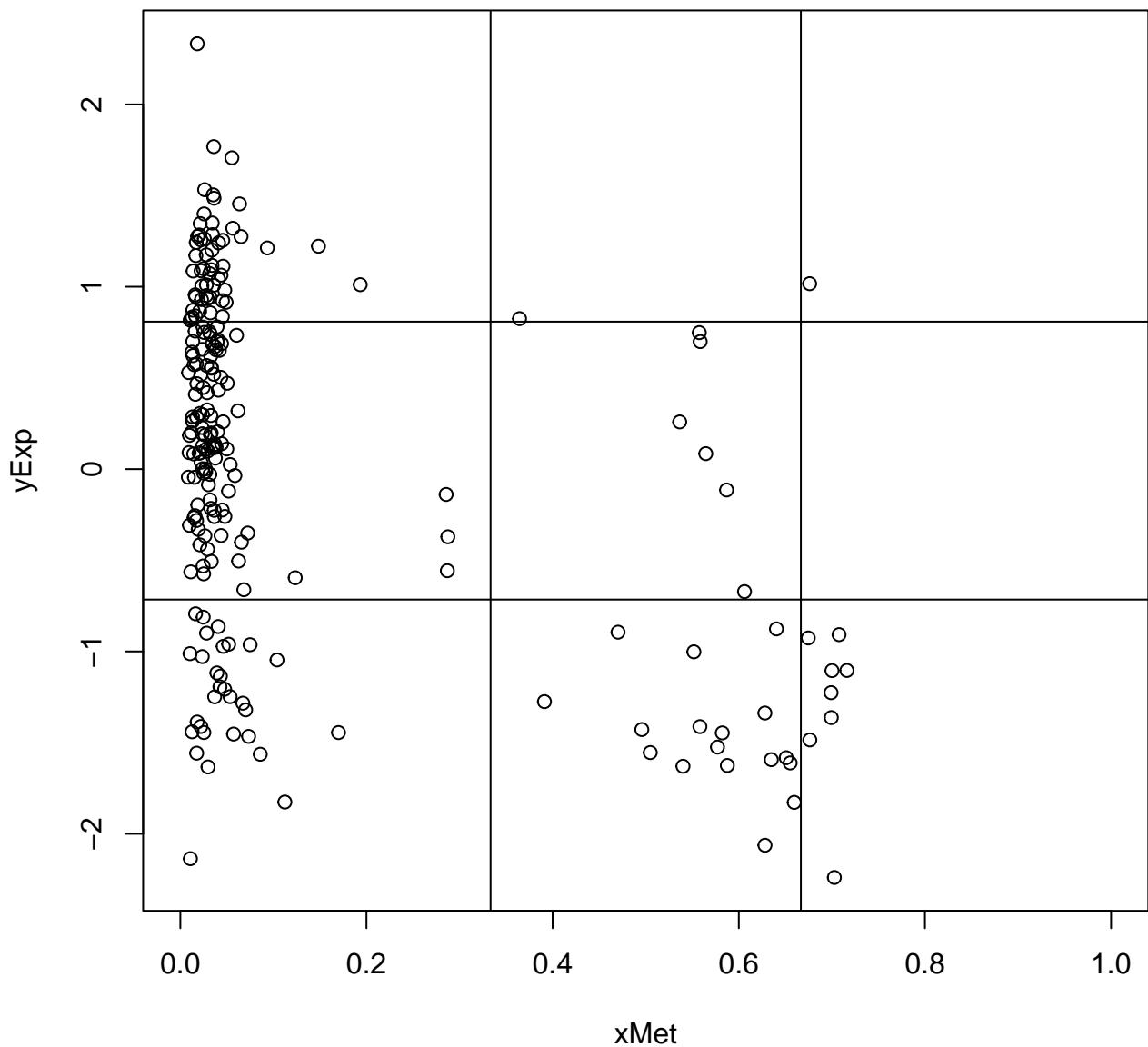
ACAN, -402.4



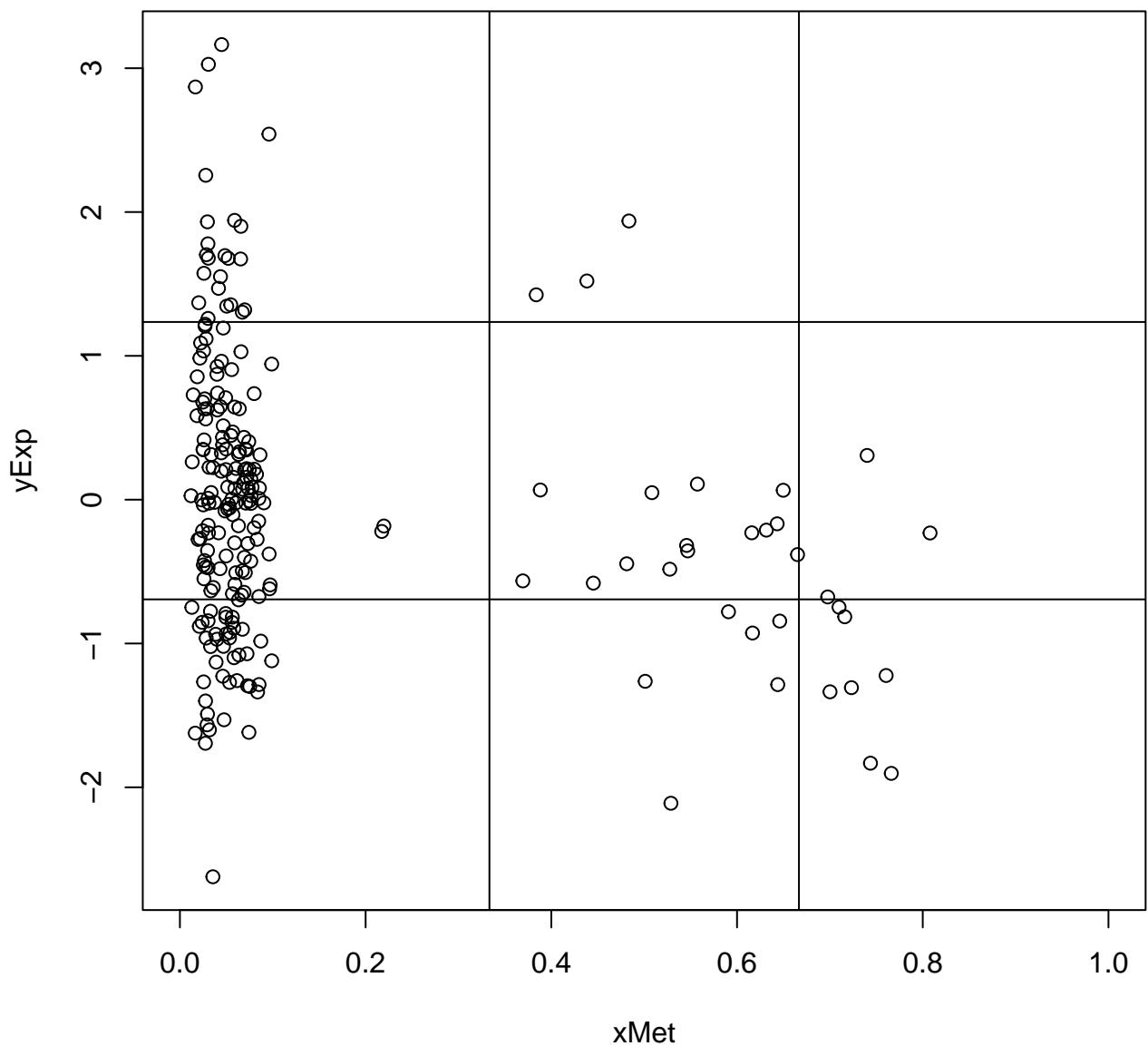
ACRBP, -49.8



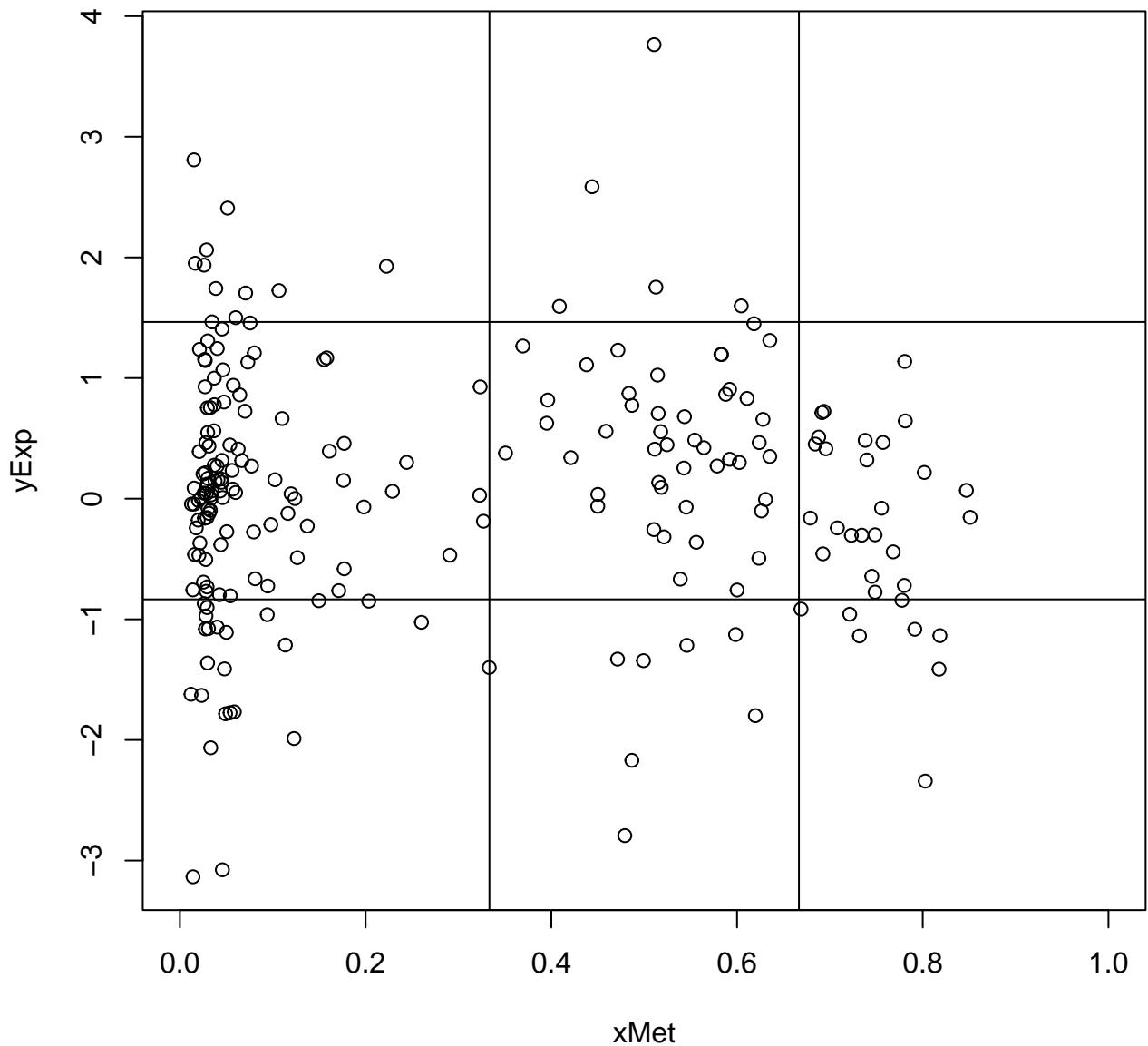
ACSL6, 231.4



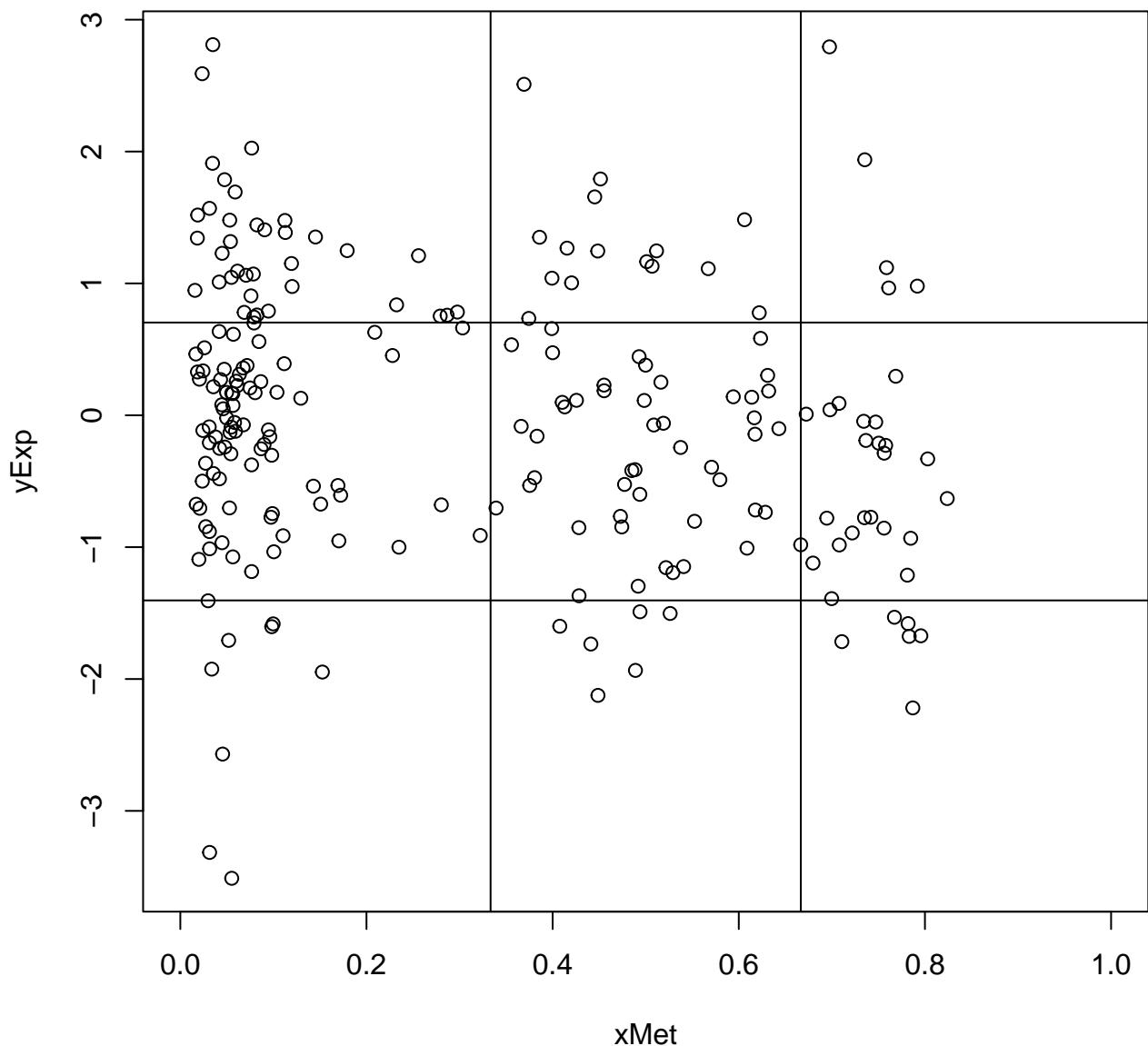
ADAM19, 221



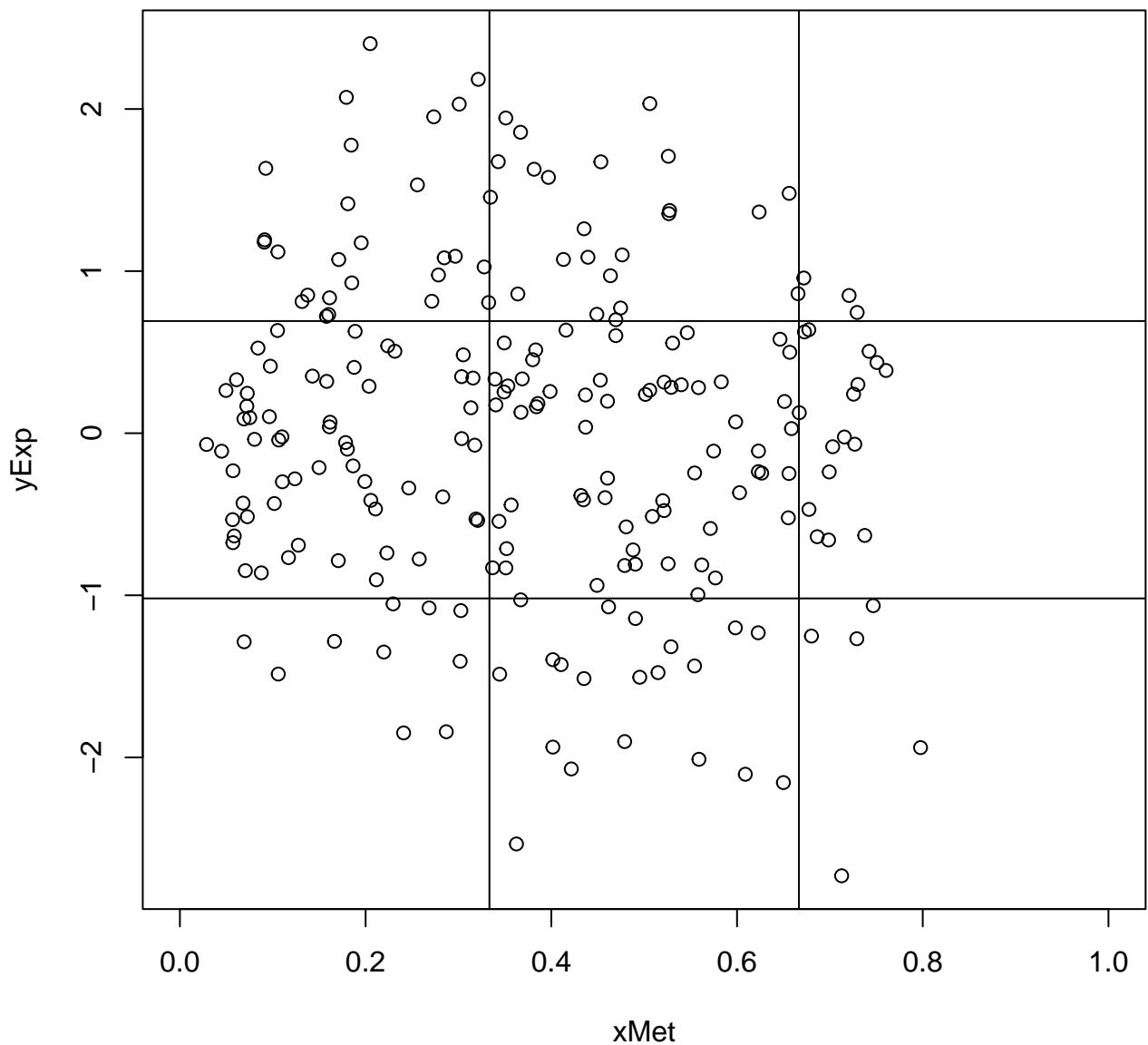
ADAM23, 110



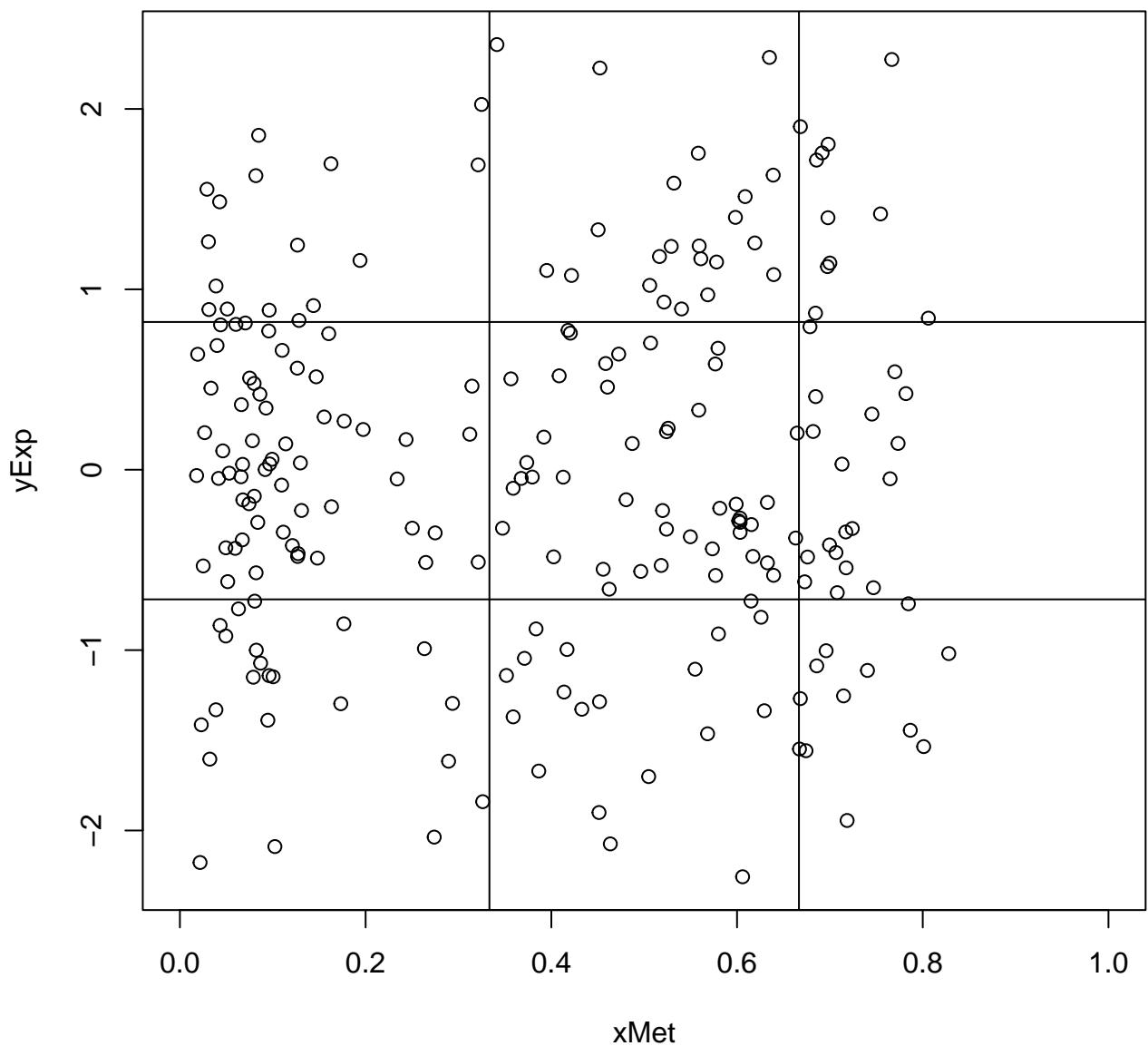
ADAMTS3, -121



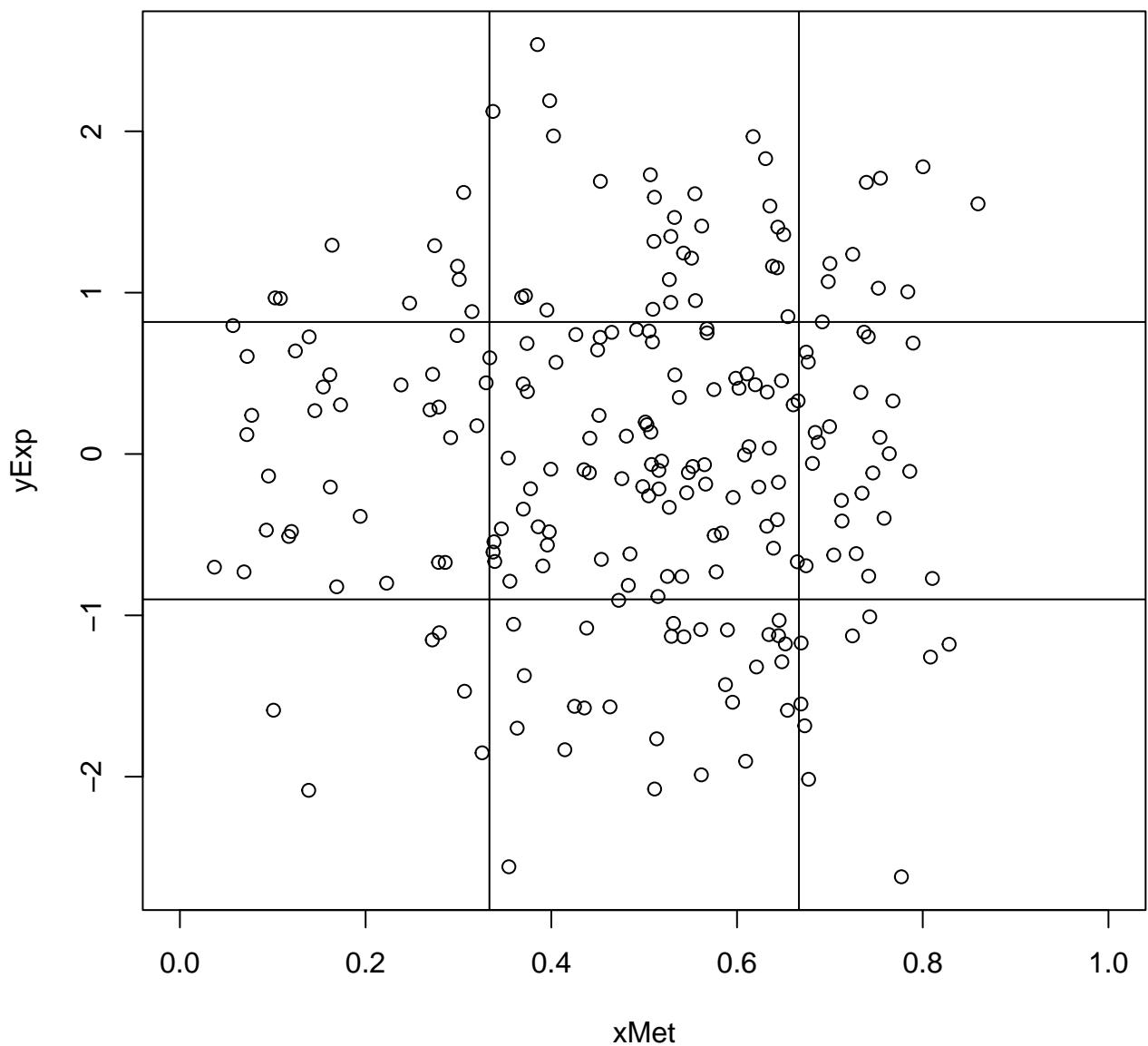
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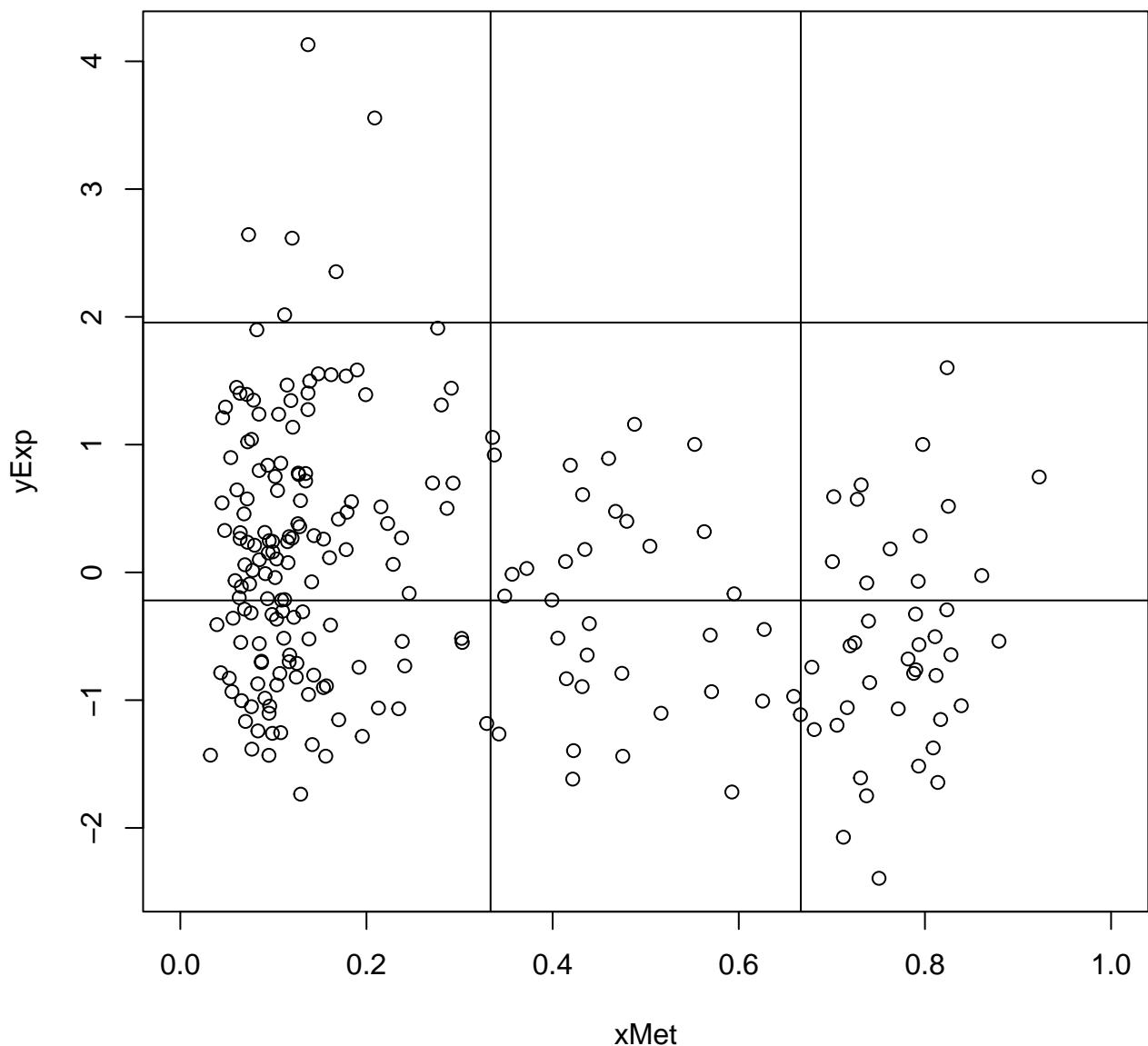
ADAMTSL1, -415.6



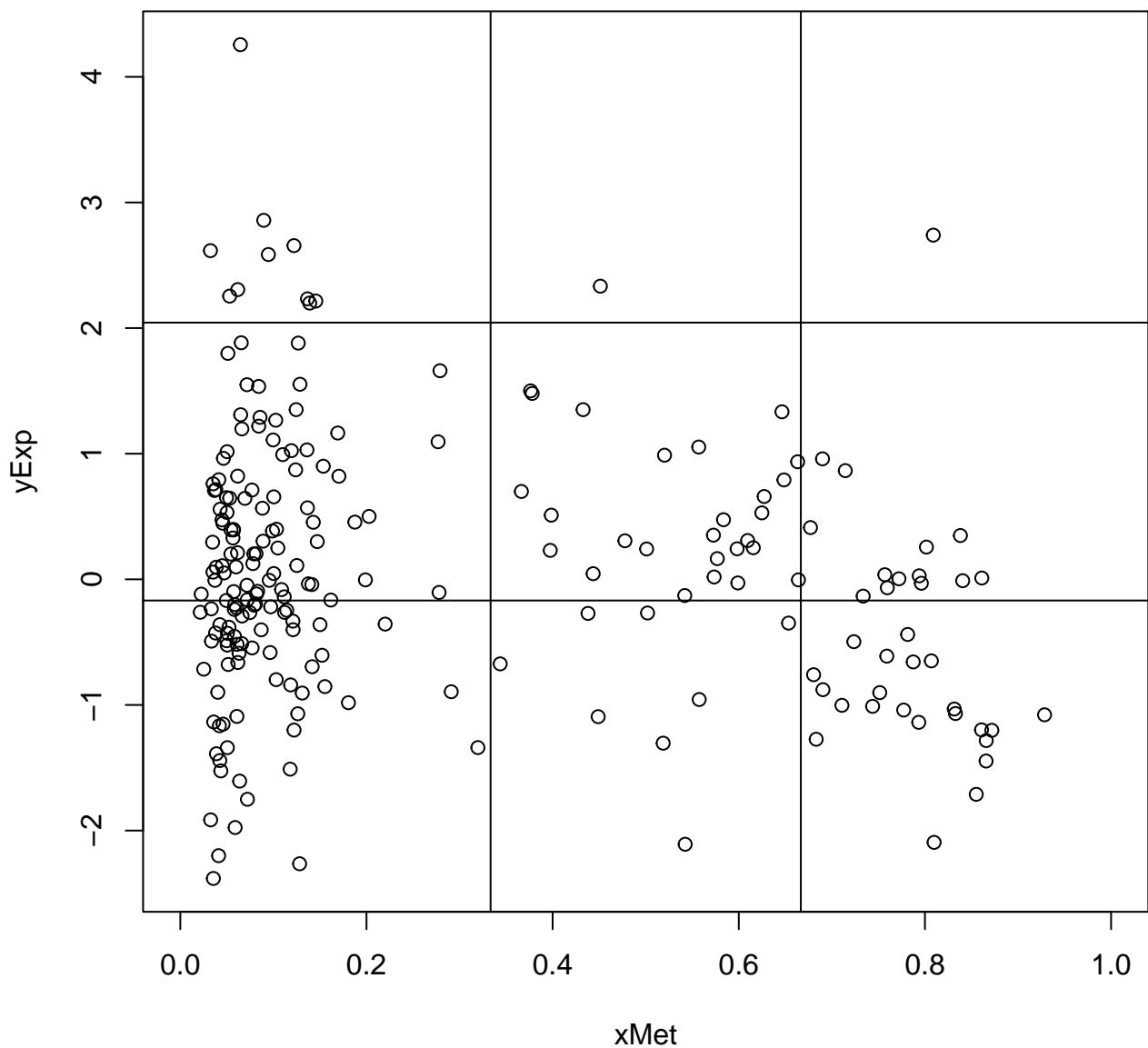
ADCY1, -452



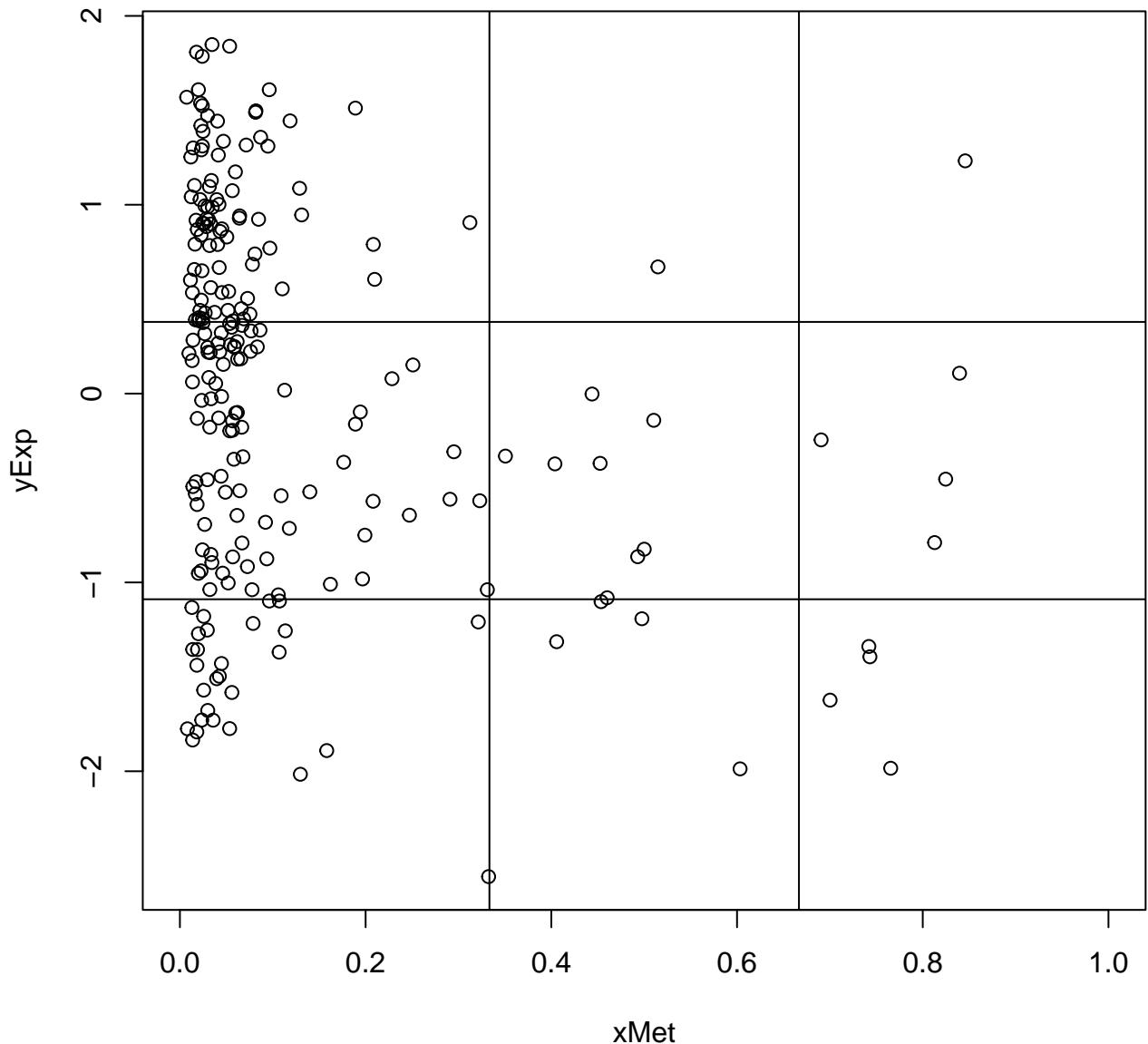
ADCY5, 200



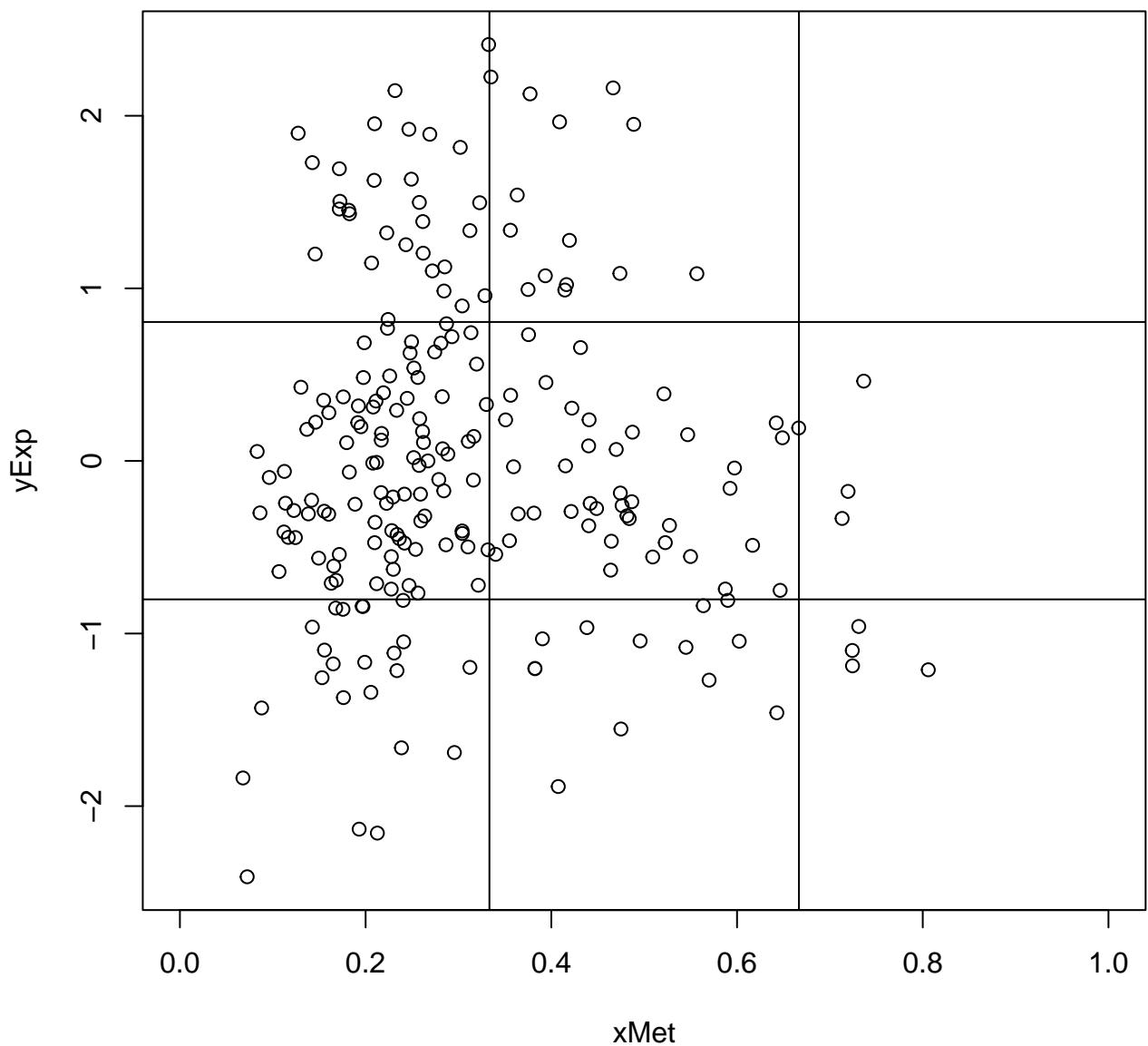
ADGRL2, 141.4



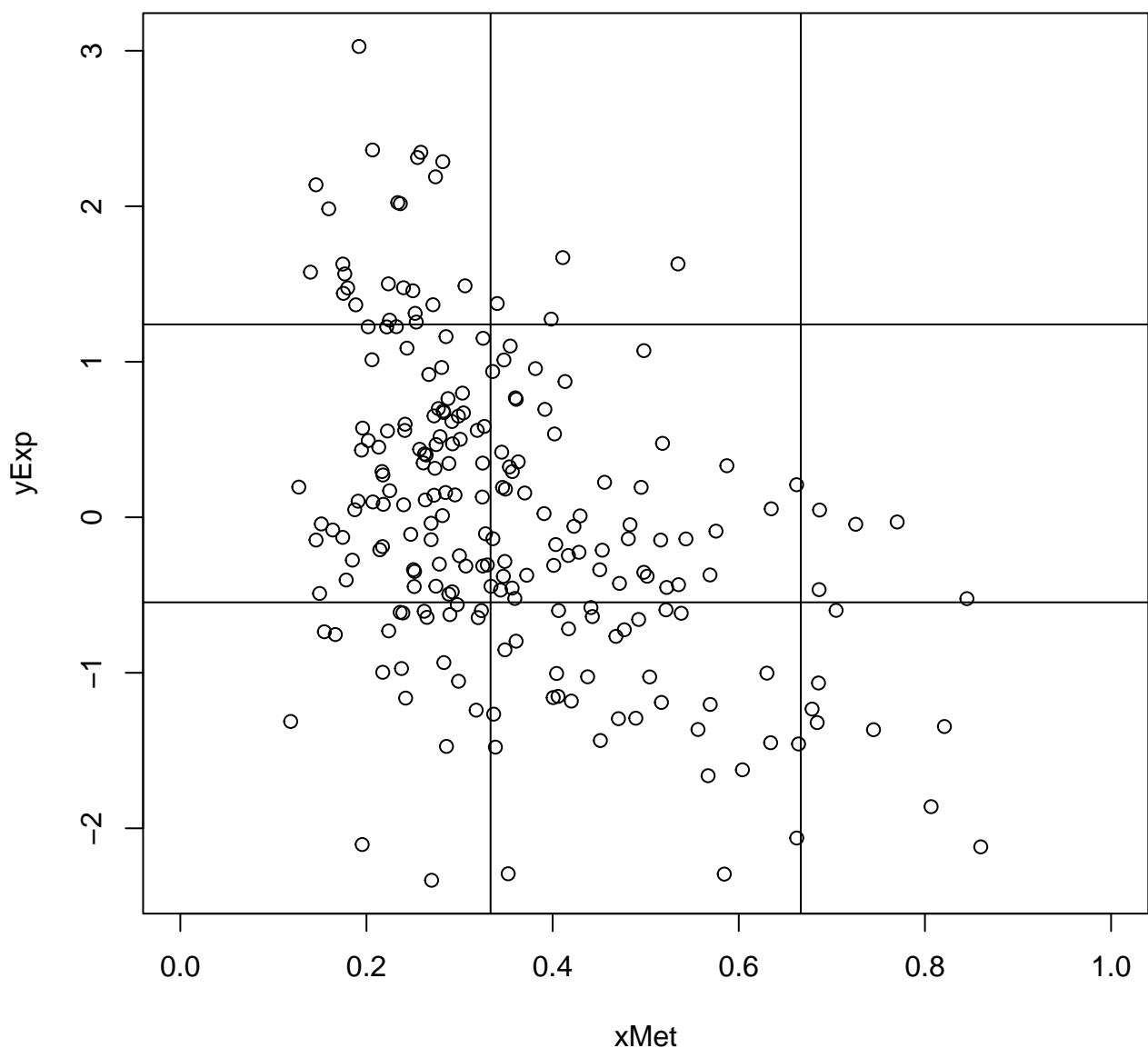
ADRA2A, 246.4



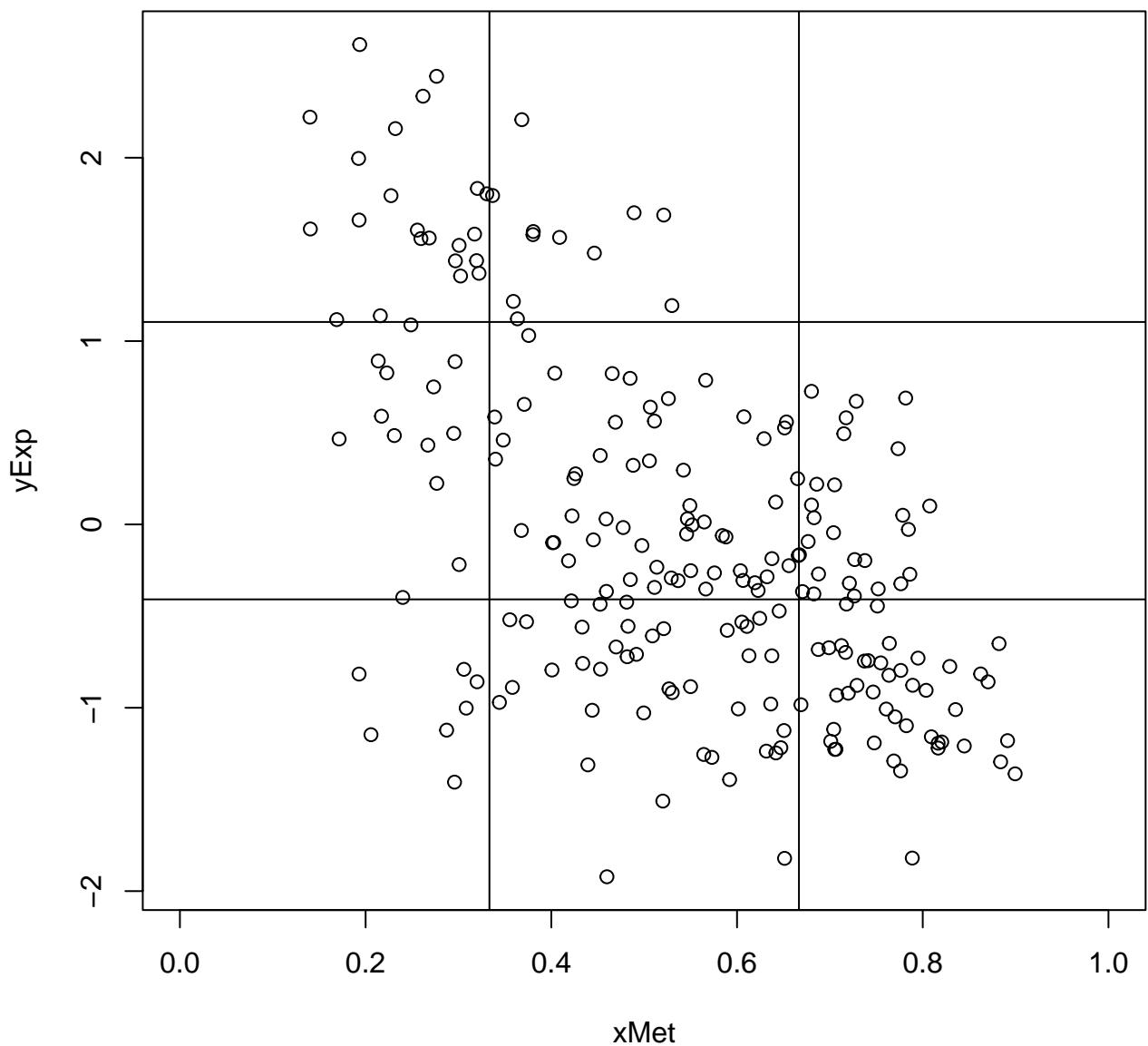
AGPAT4, 165



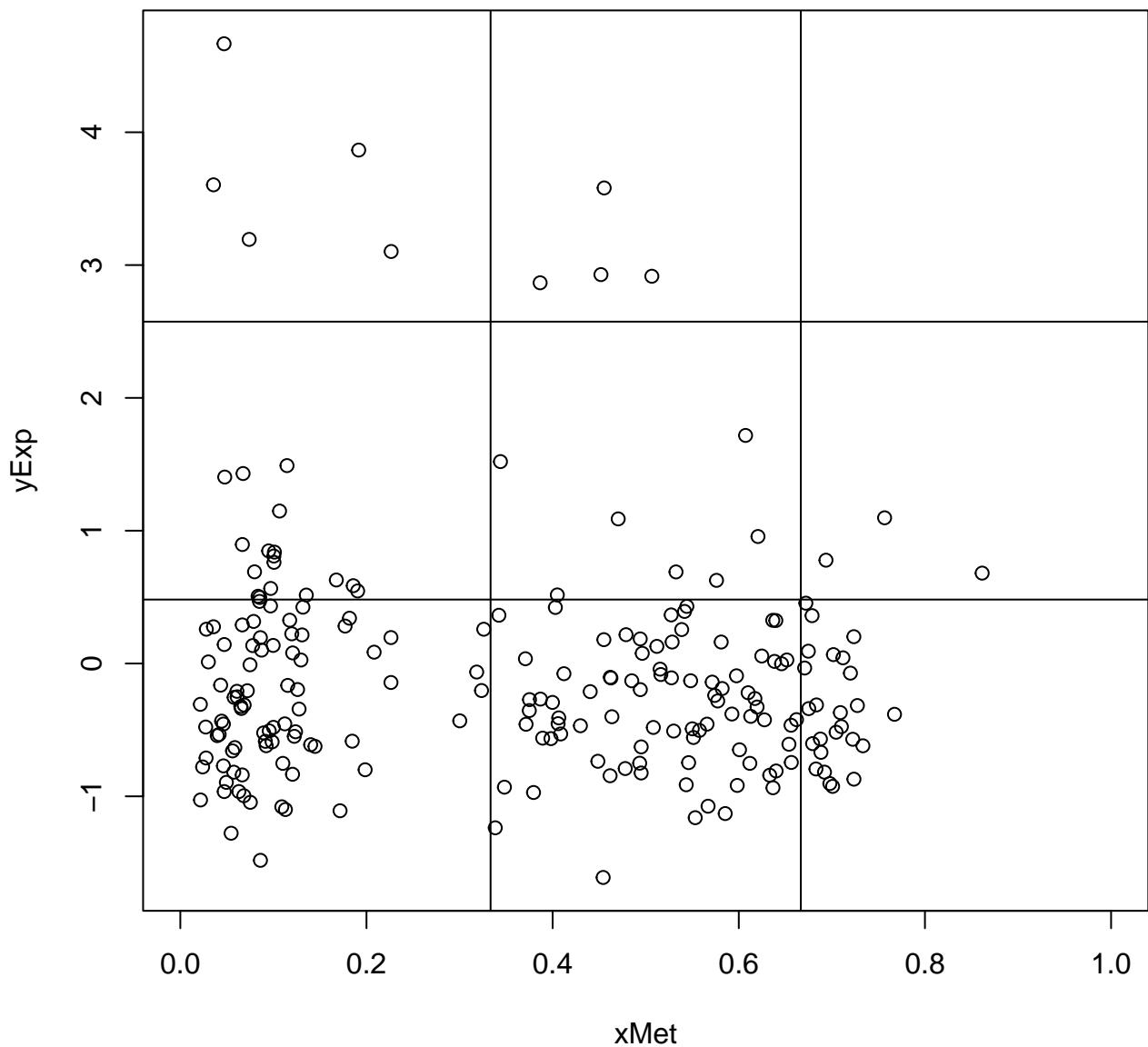
AGT, 177



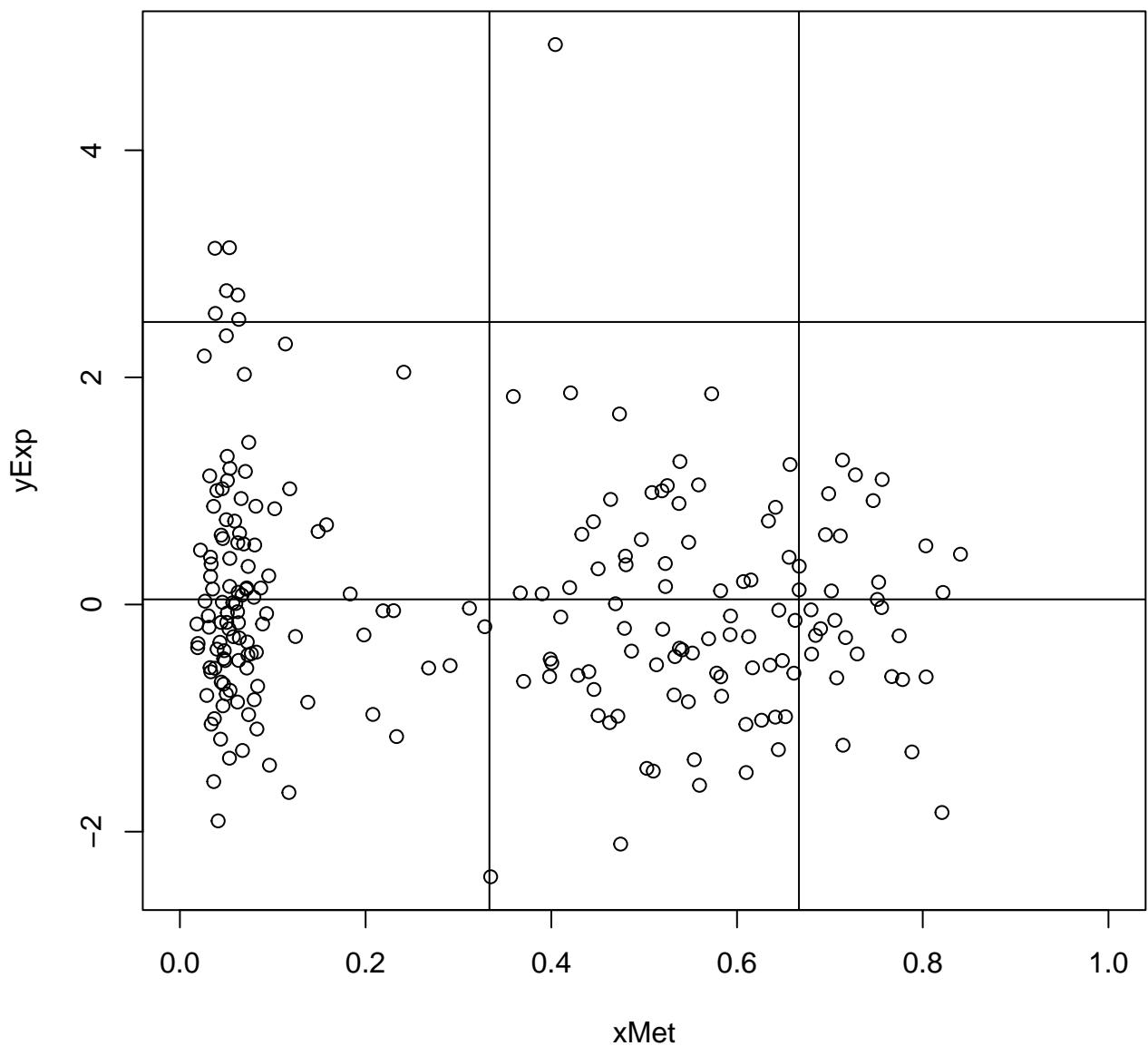
AIM2, 120



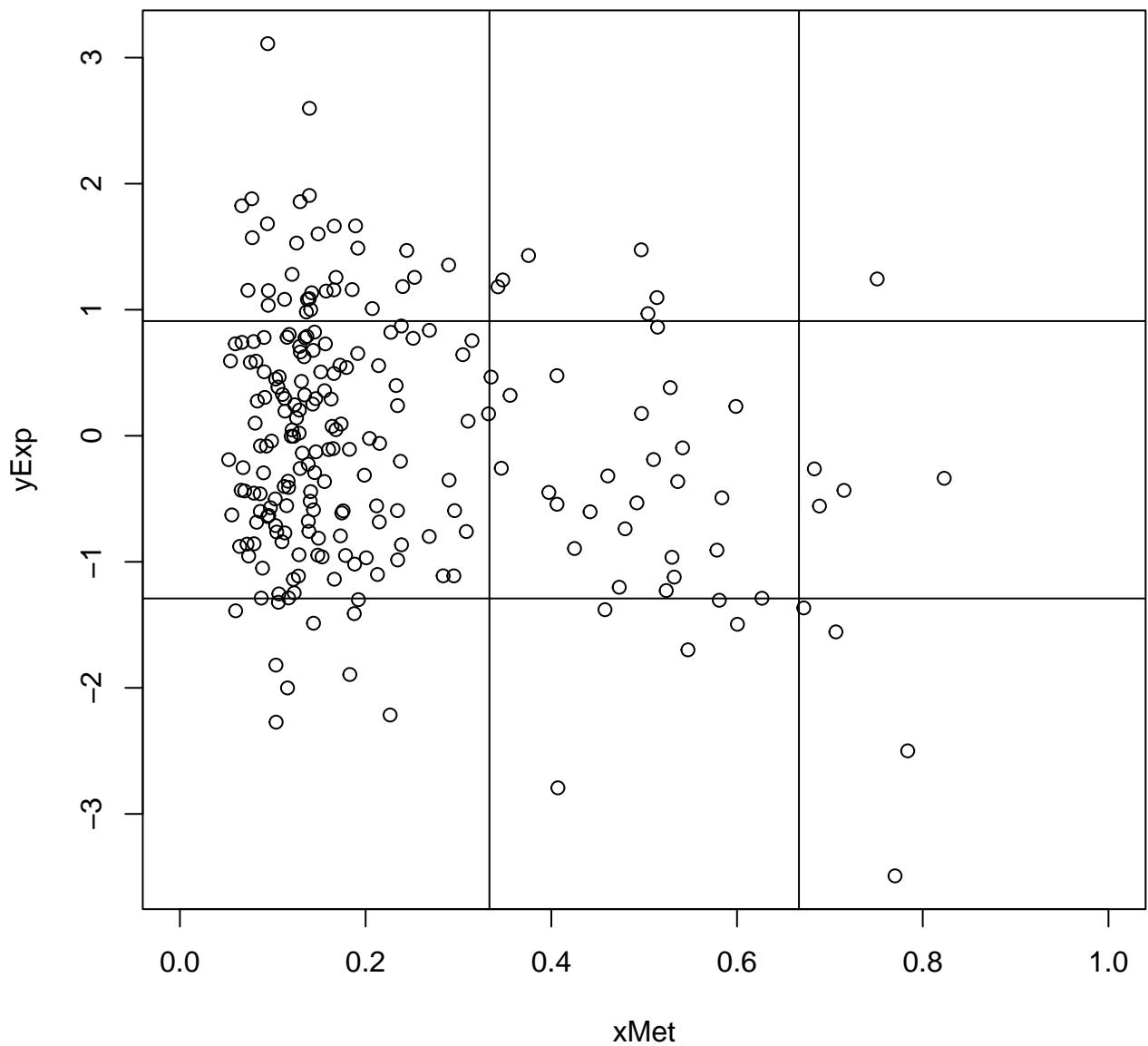
ALDH1A2, 225



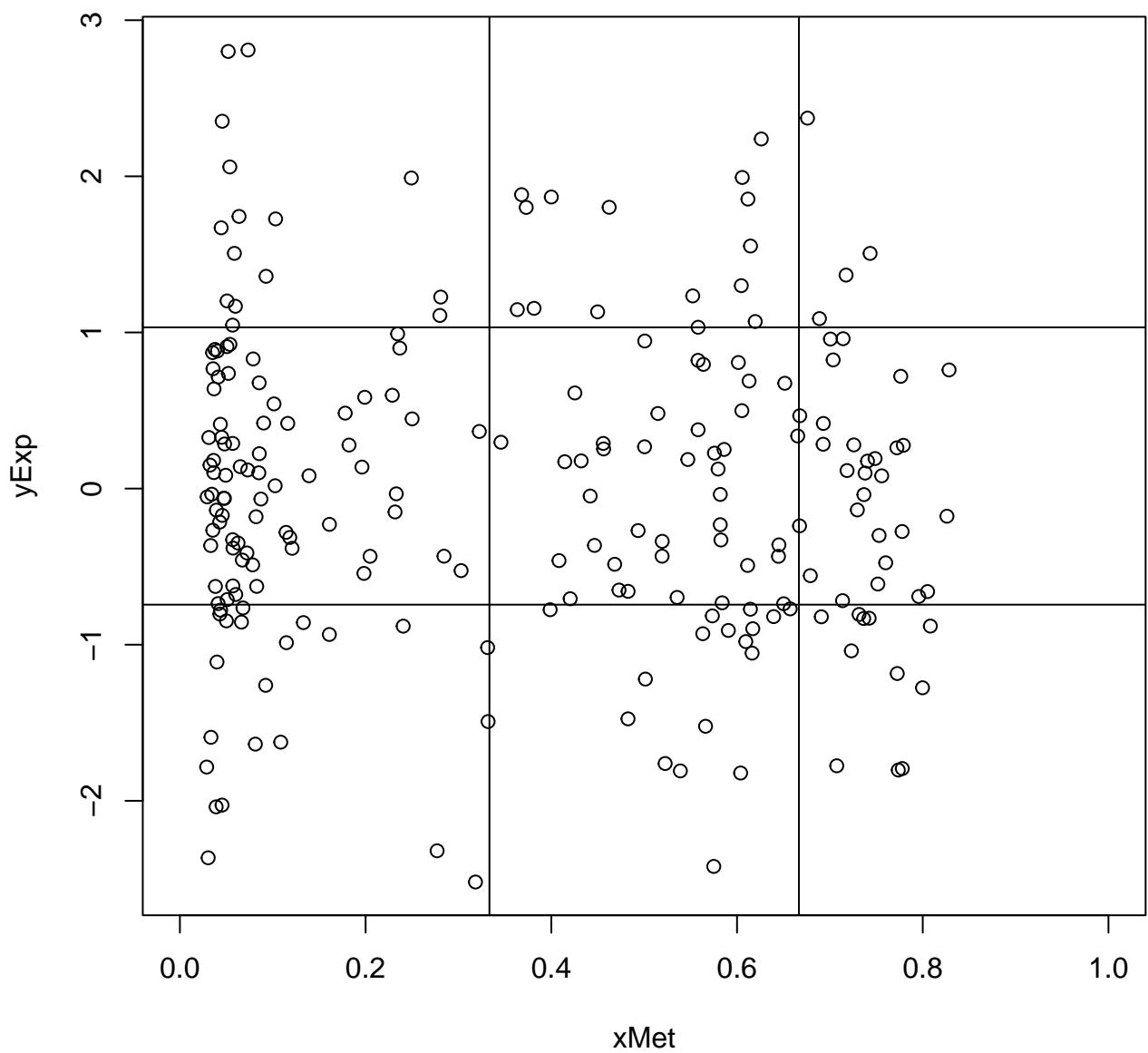
ALX1, 171



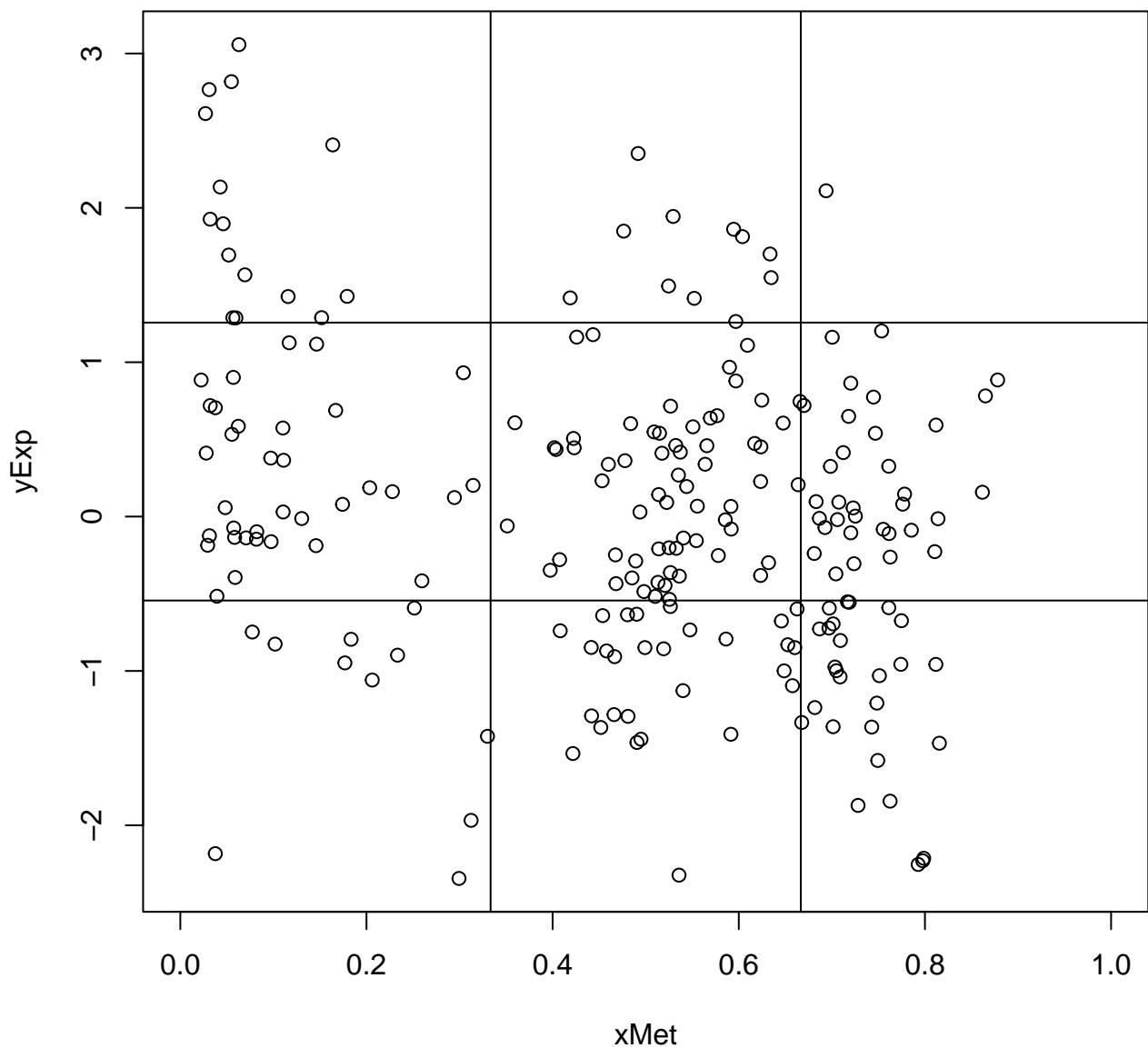
ANGPTL5, 158.4



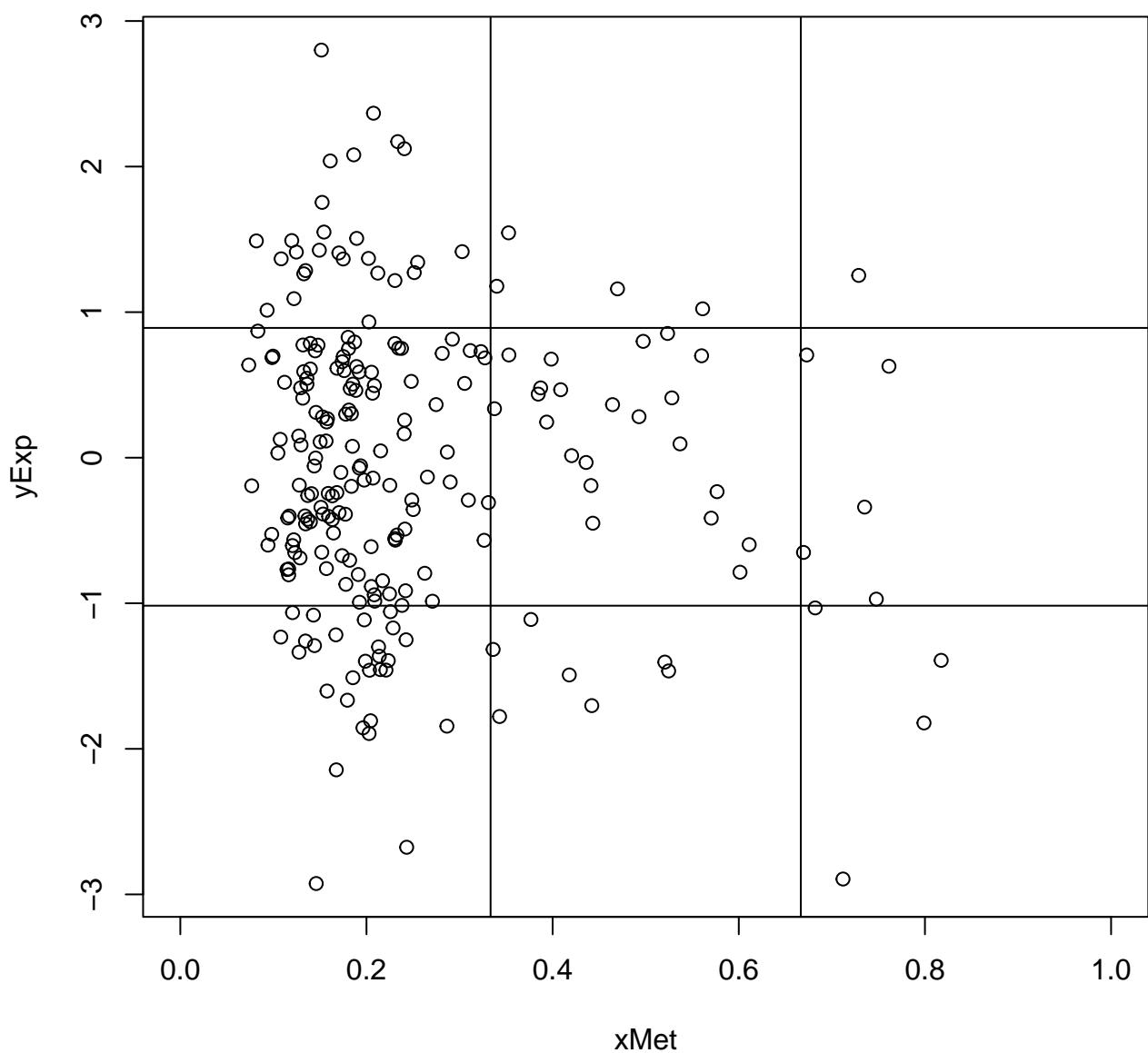
ANTXR1, -102.4



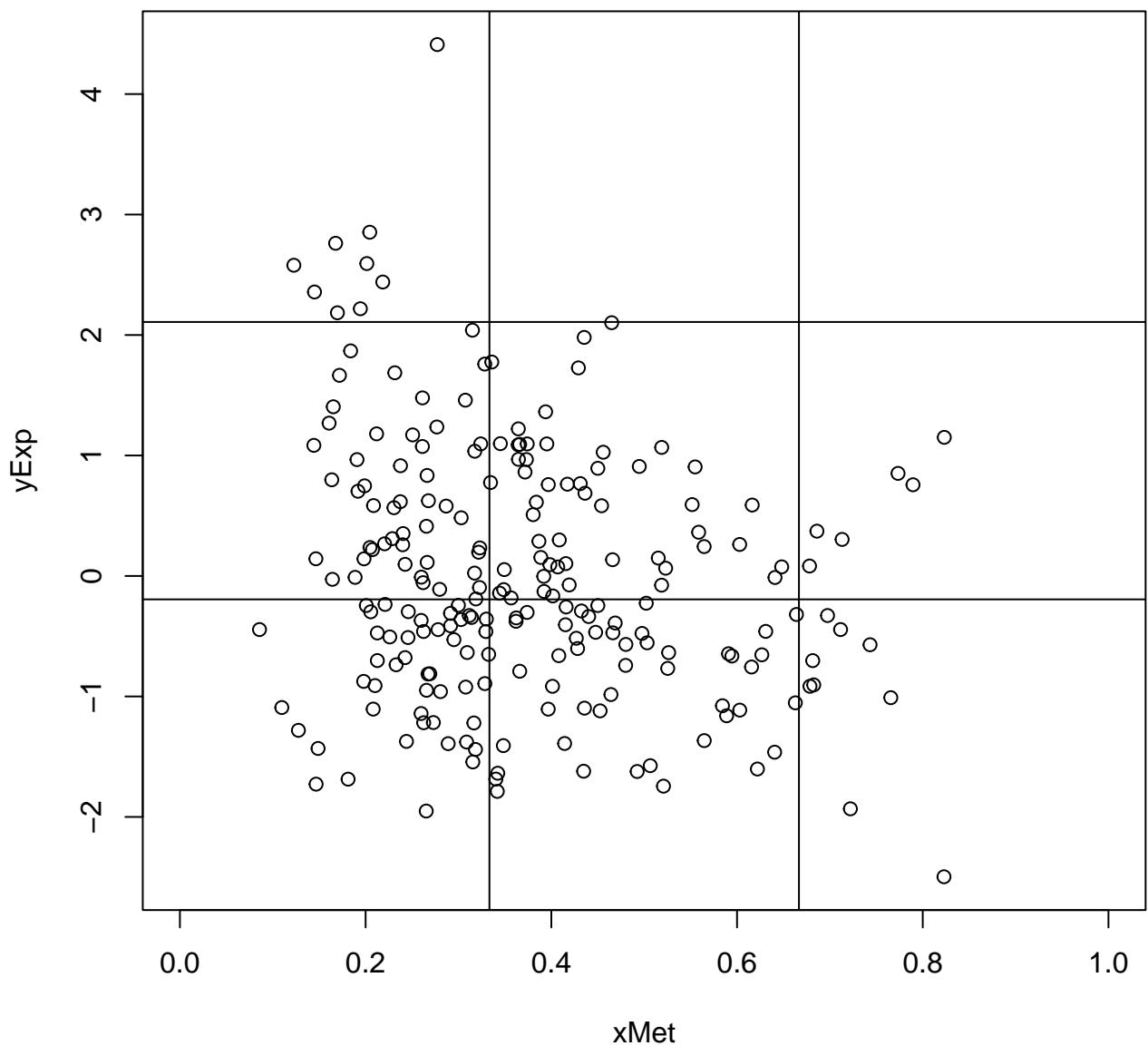
AOX1, 24.4



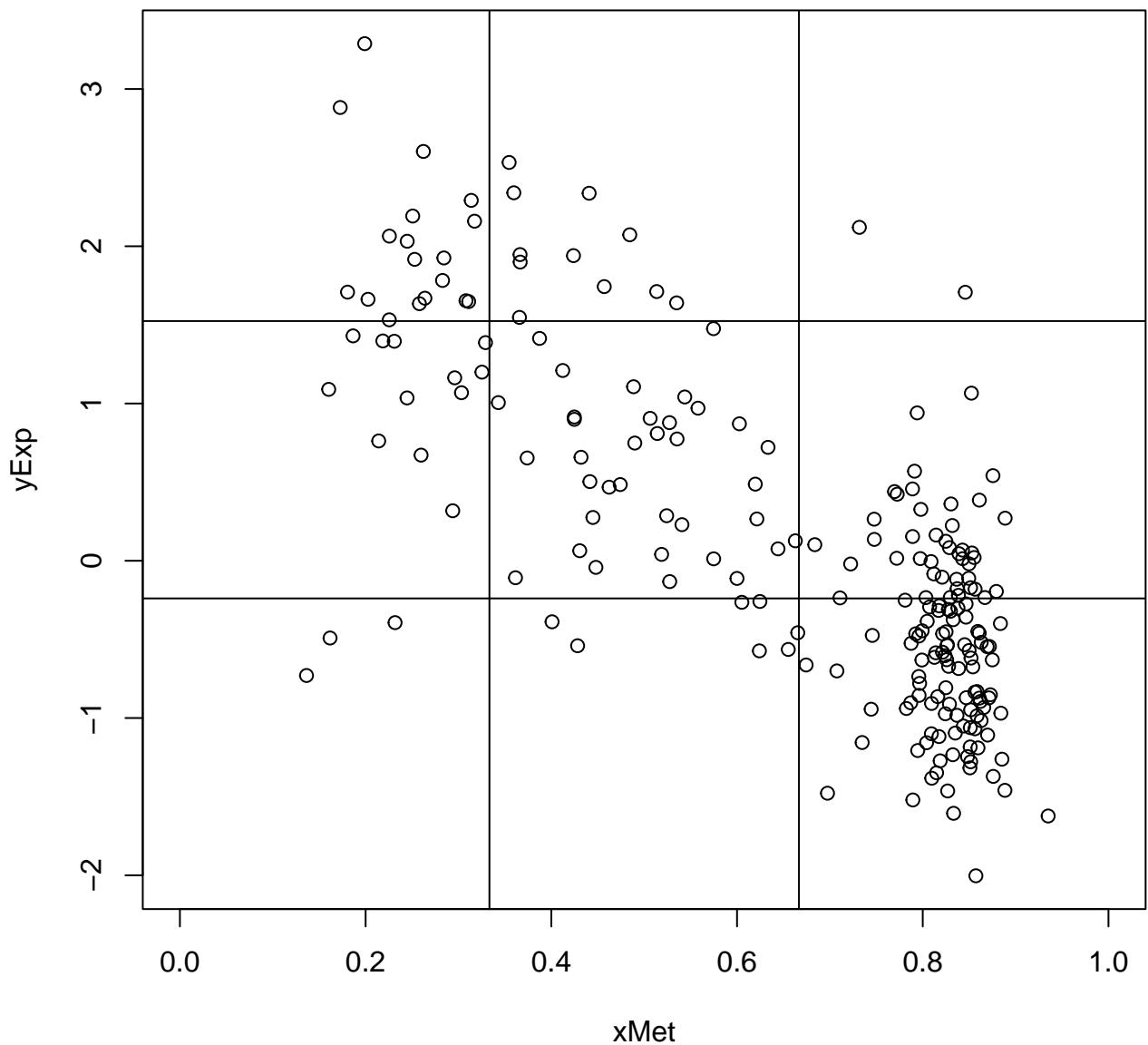
APH1B, 159.4



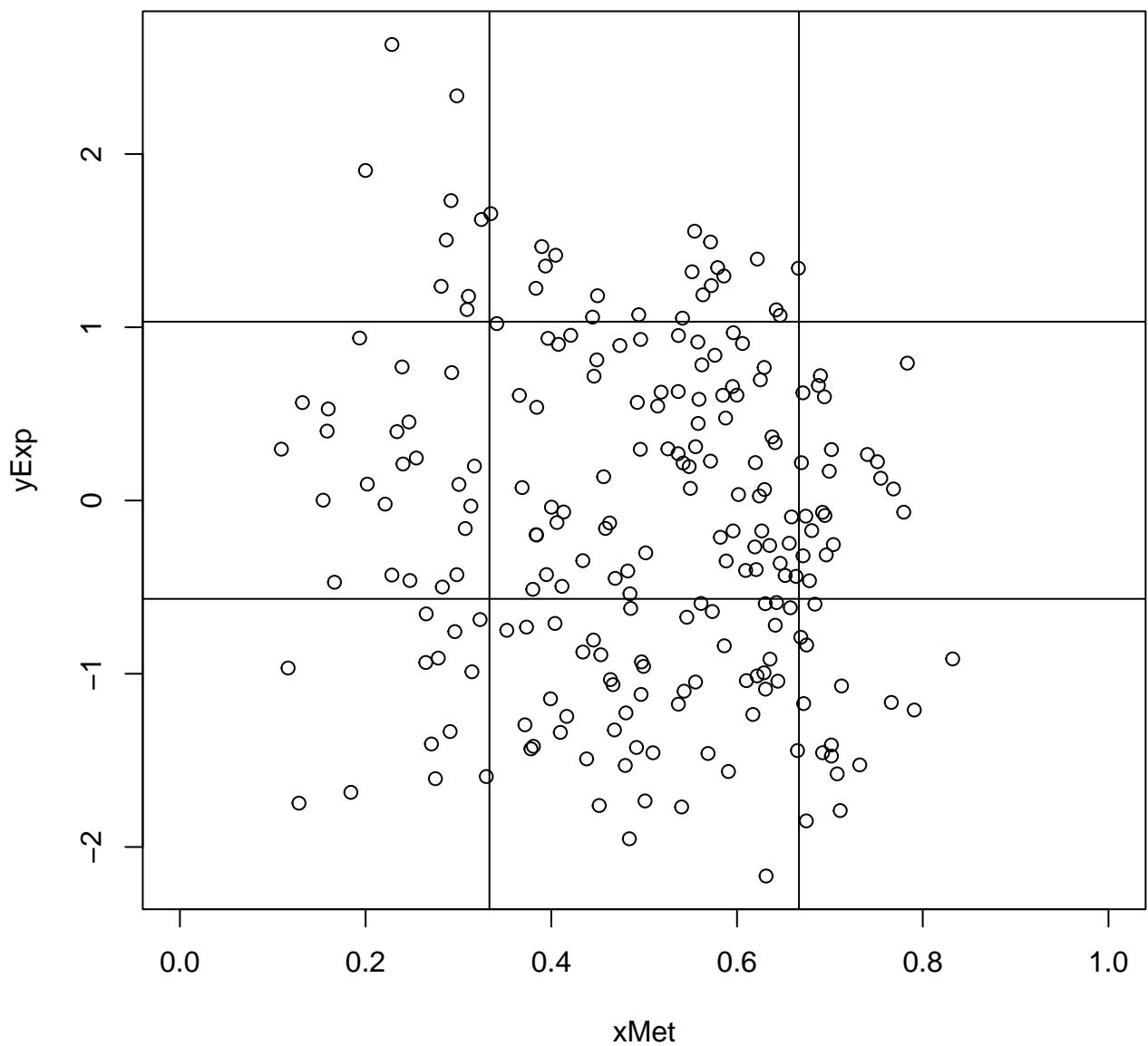
APOC2, 171



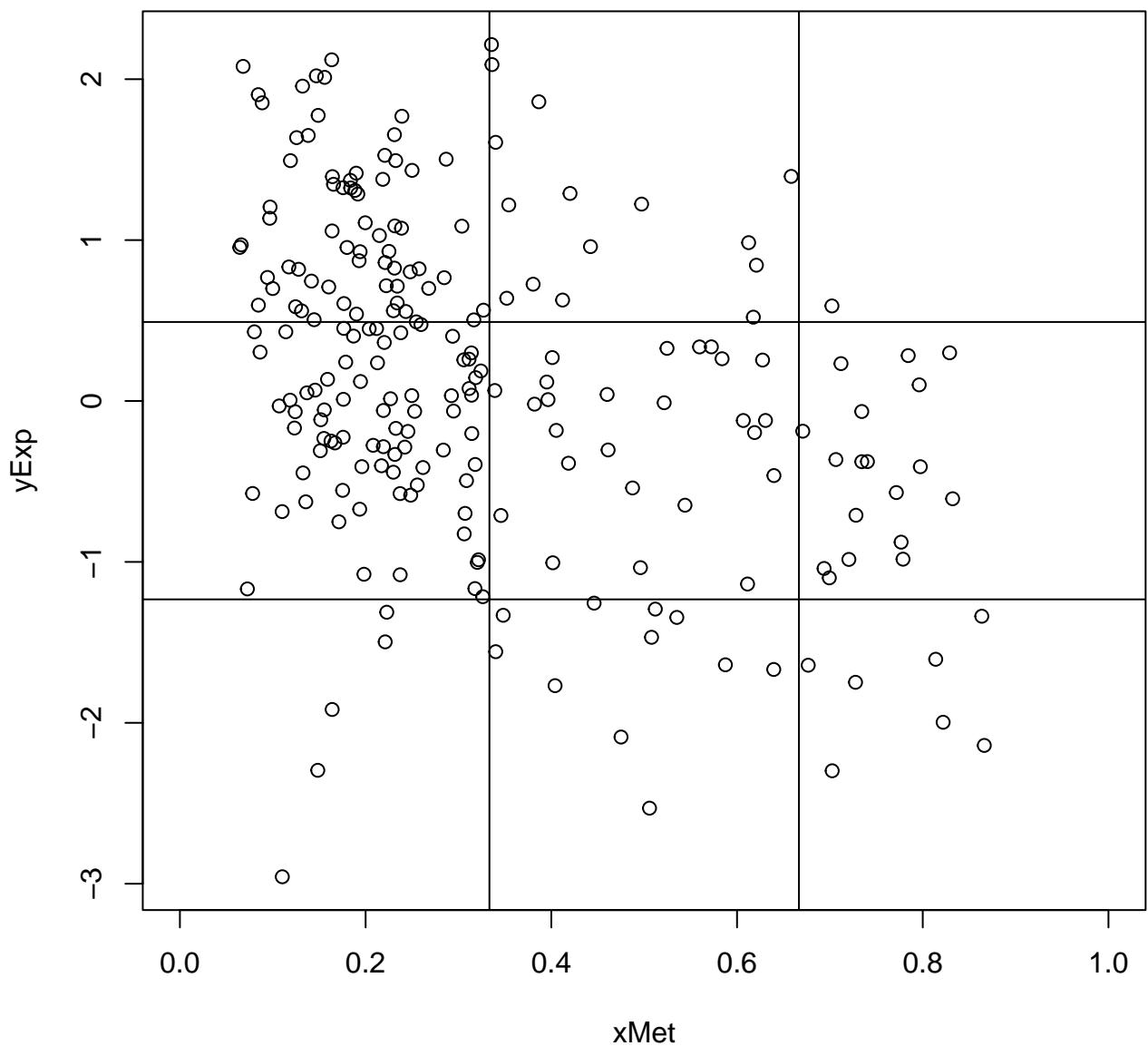
APOLD1, 48.8



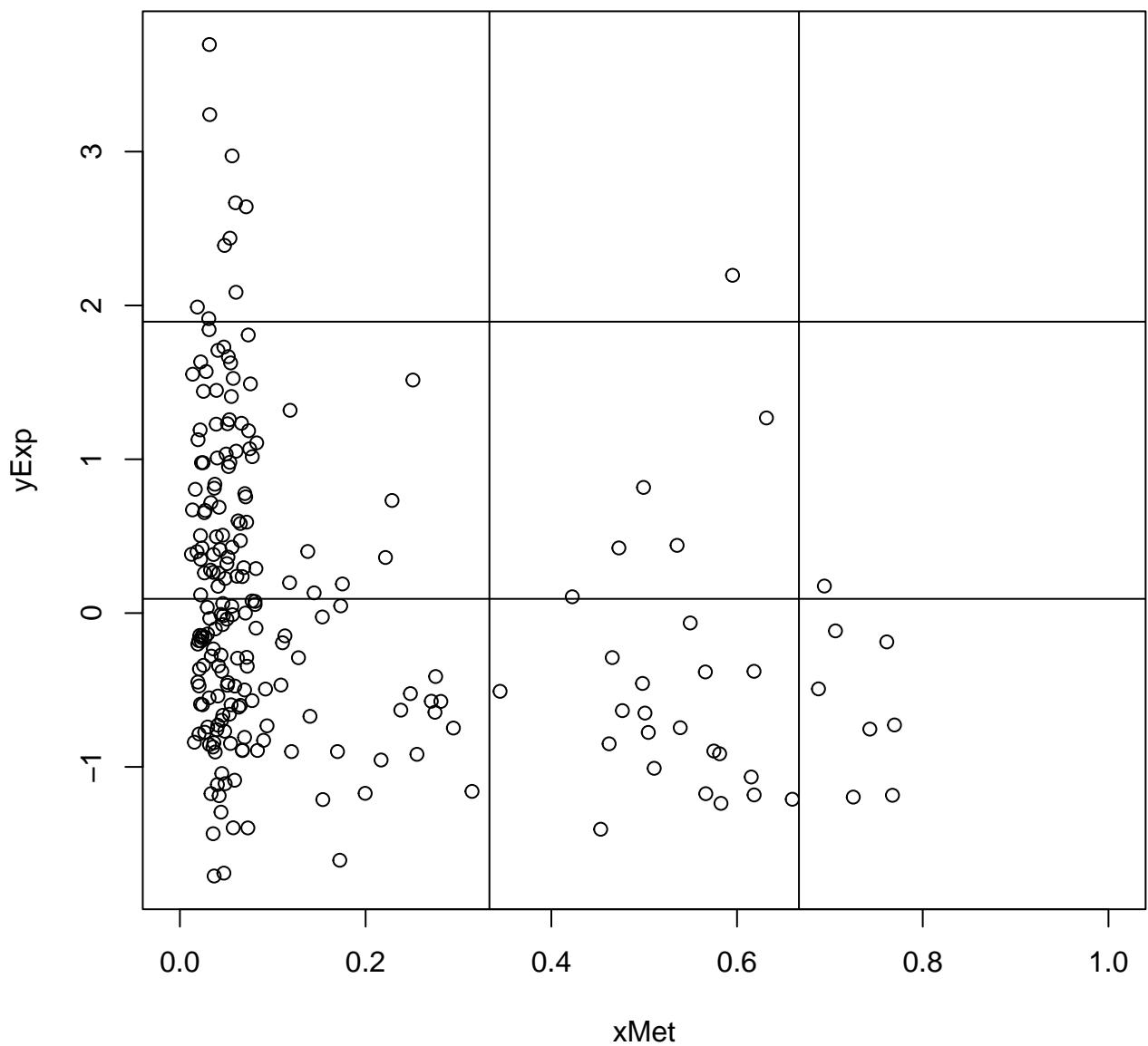
AQP9, 52



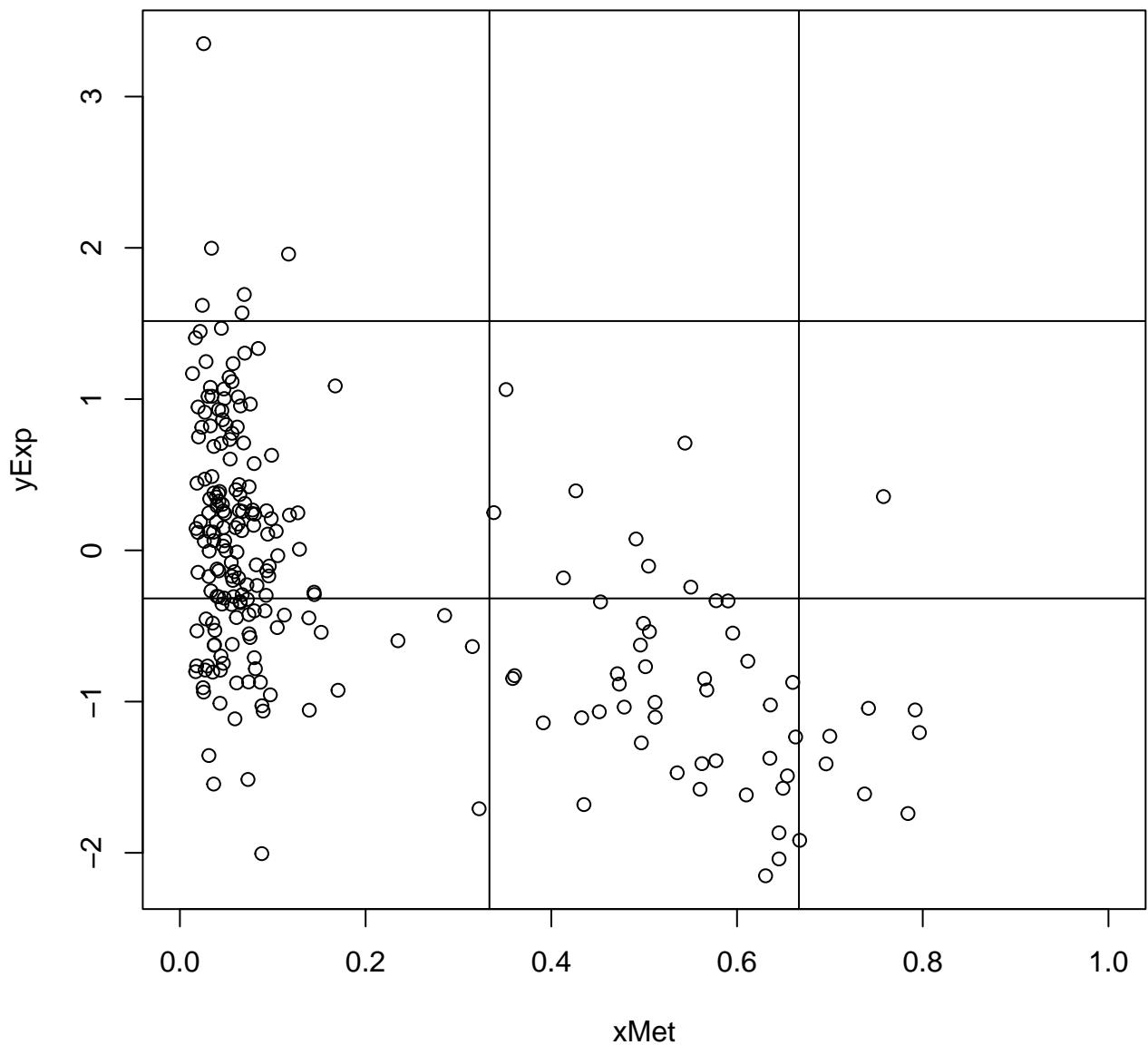
ARHGDI, 126.4



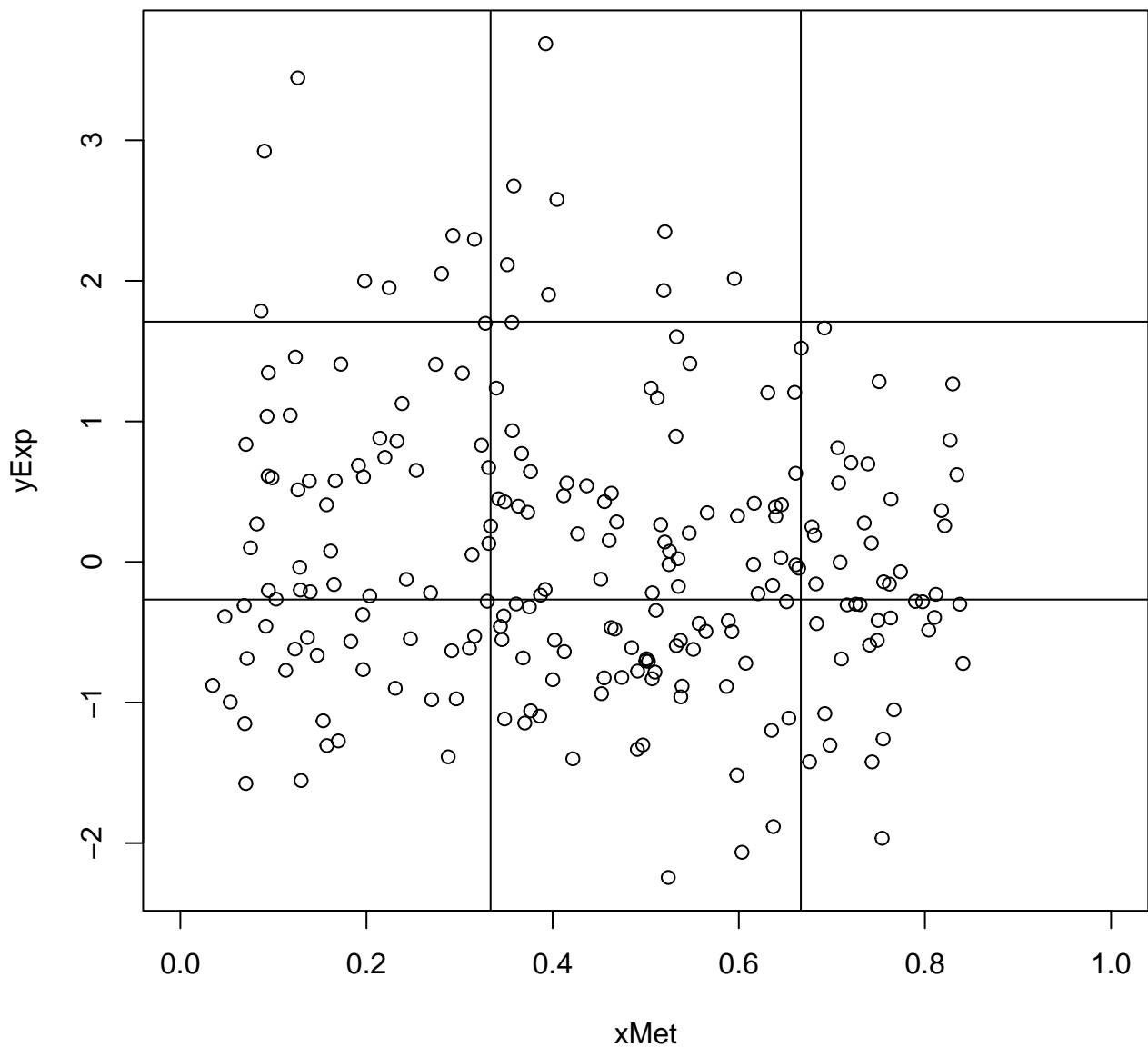
ARHGDIG, 229



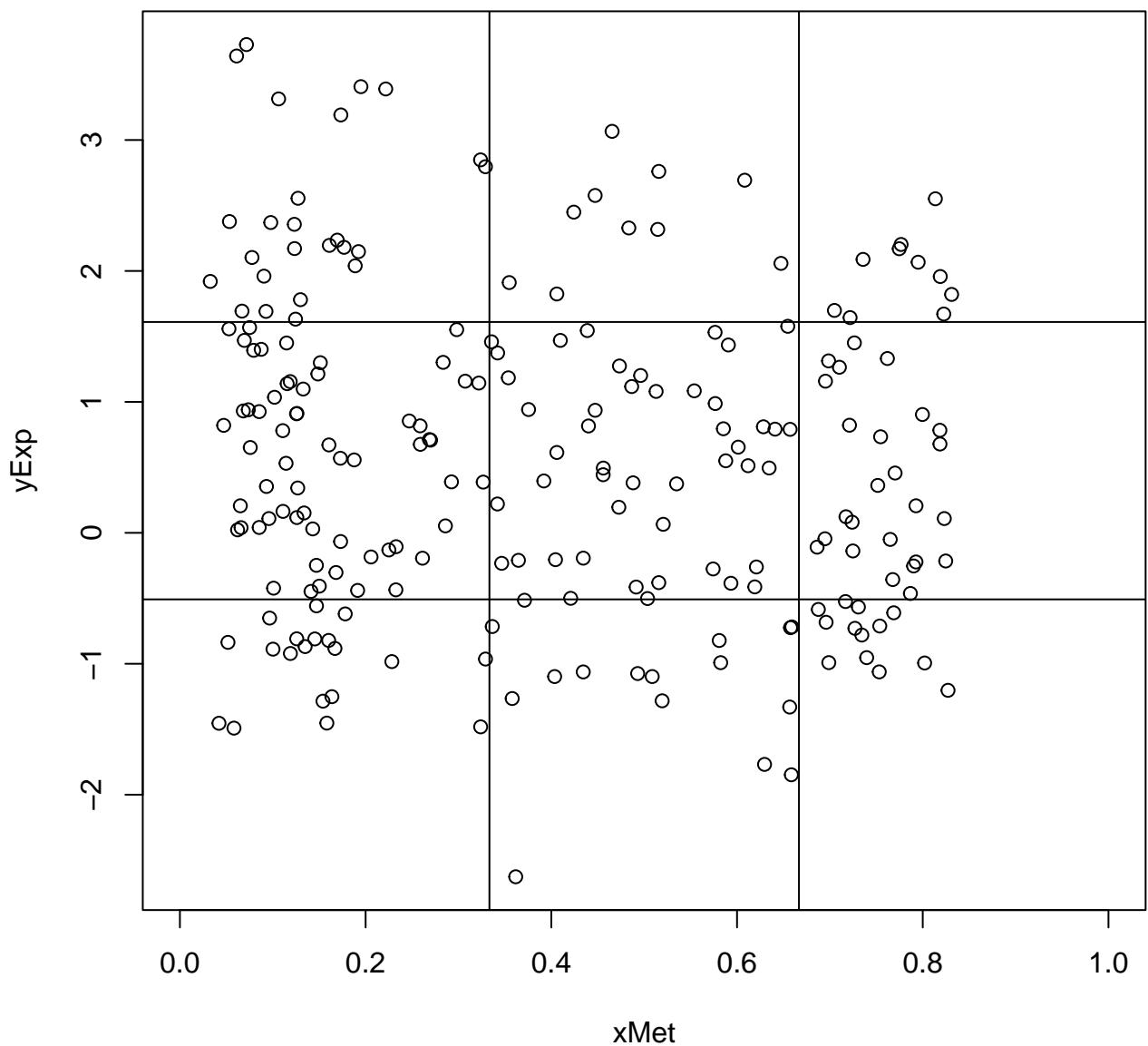
ARHGEF10, 226



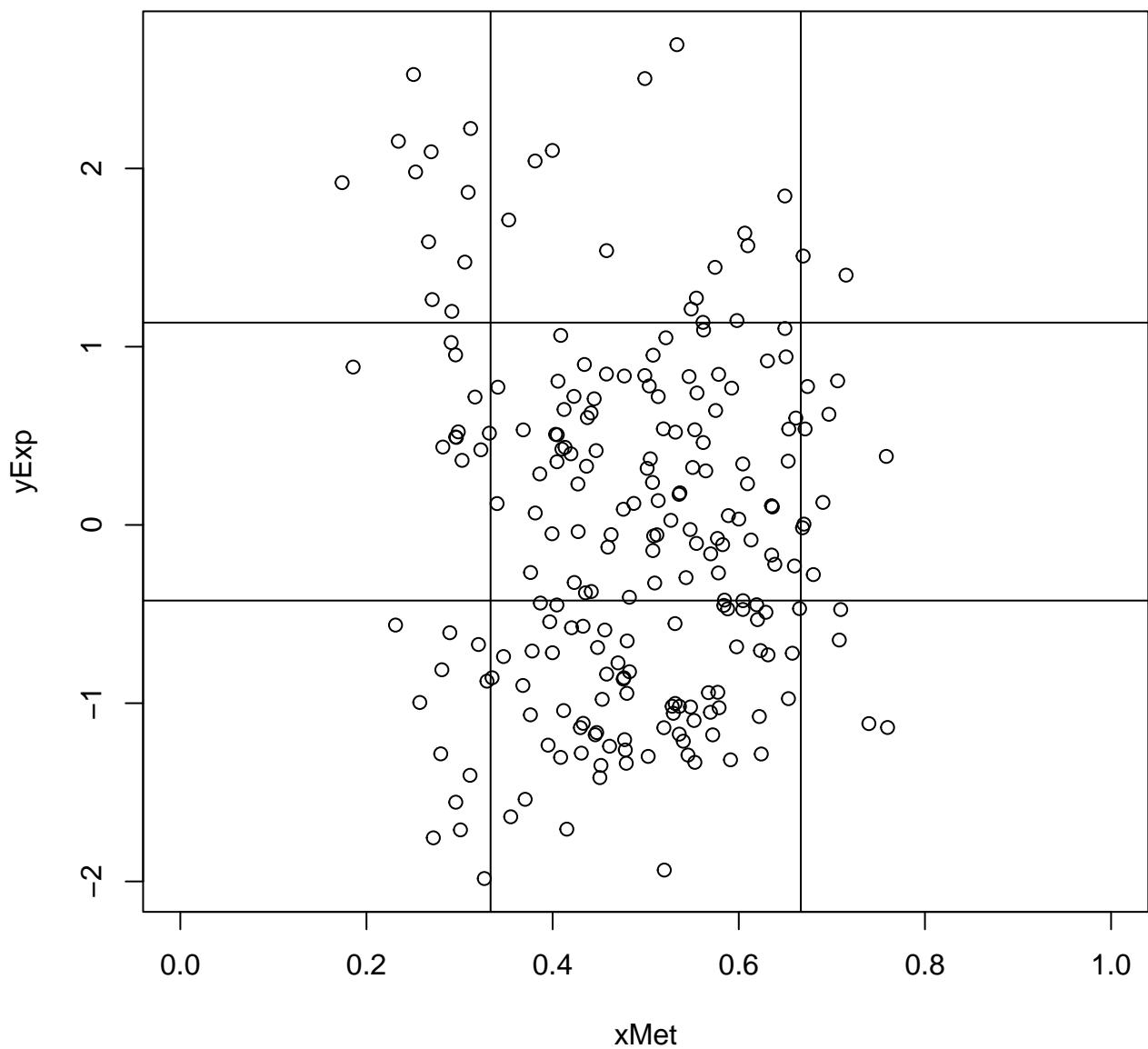
ARHGEF25, 111



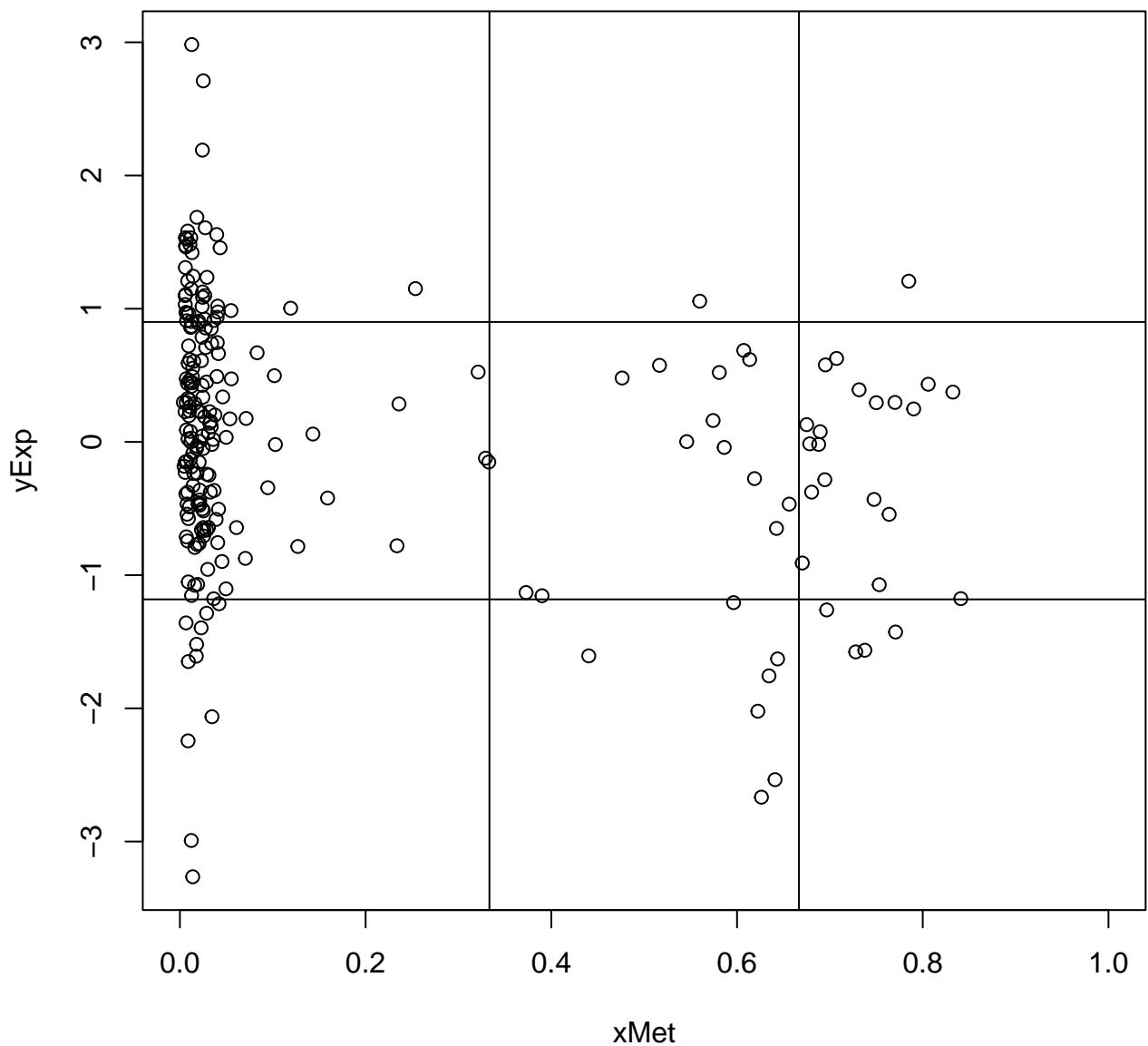
ARHGEF7, -346



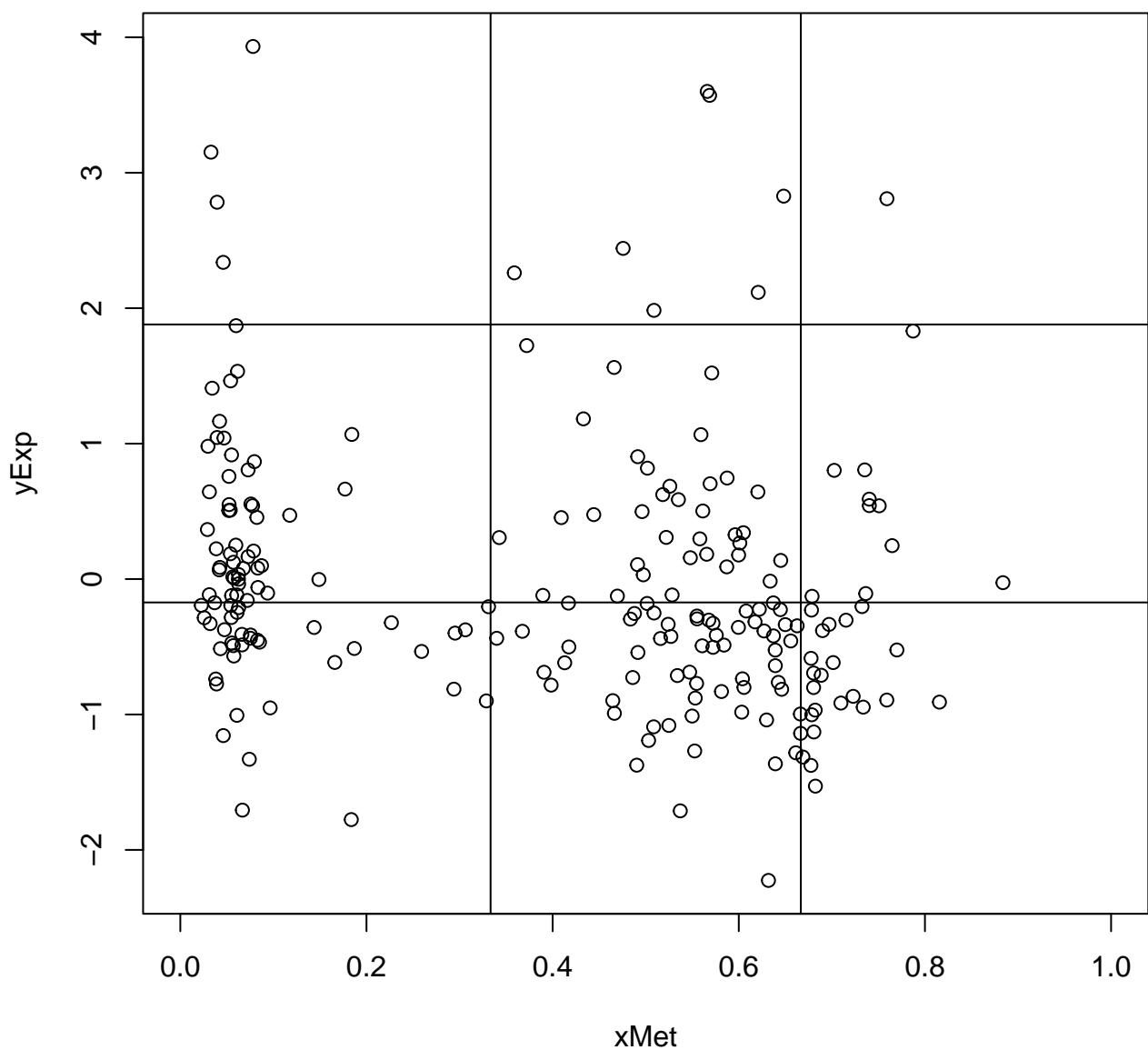
ARID3A, -9.2



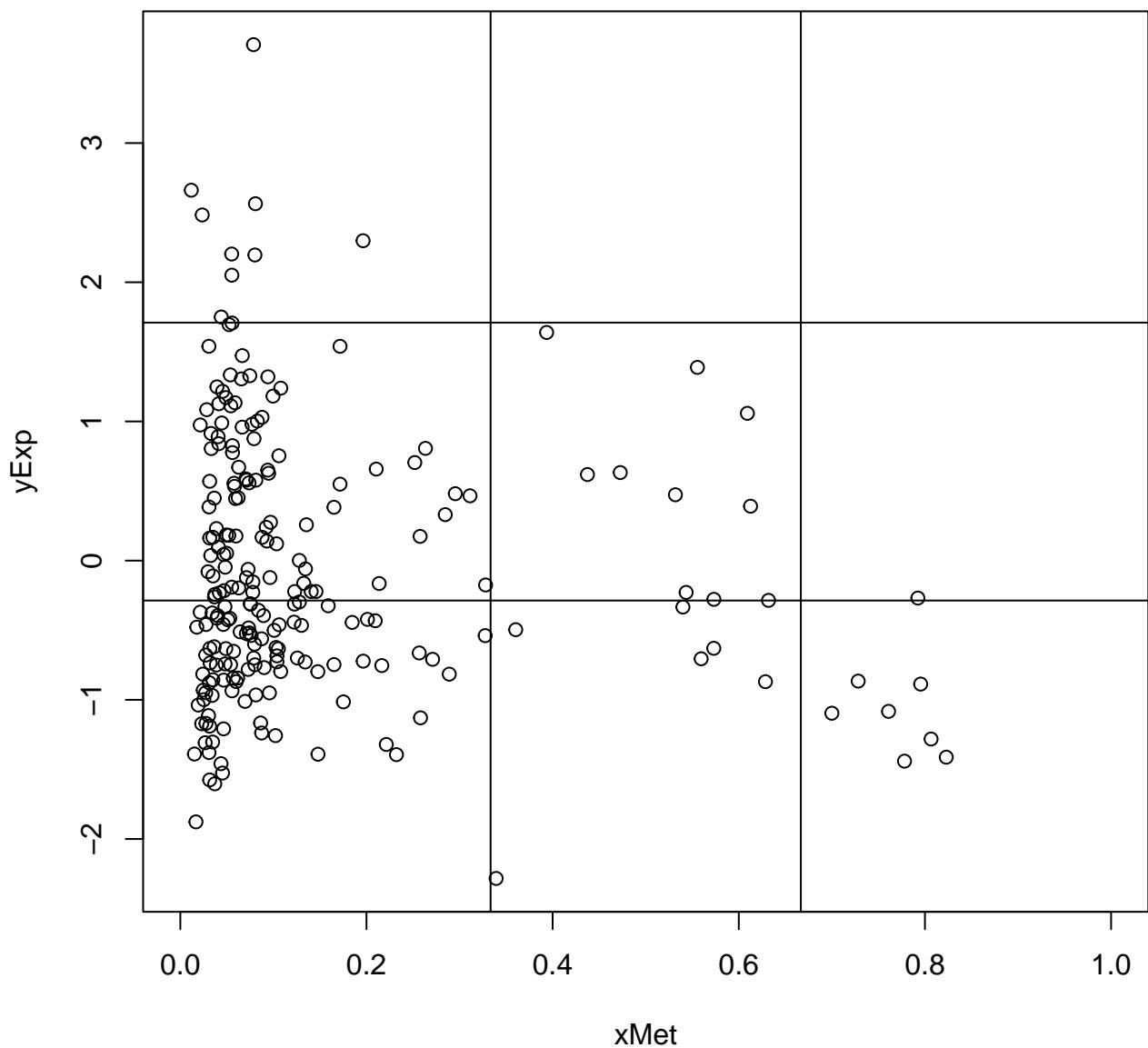
ARL10, 149.4



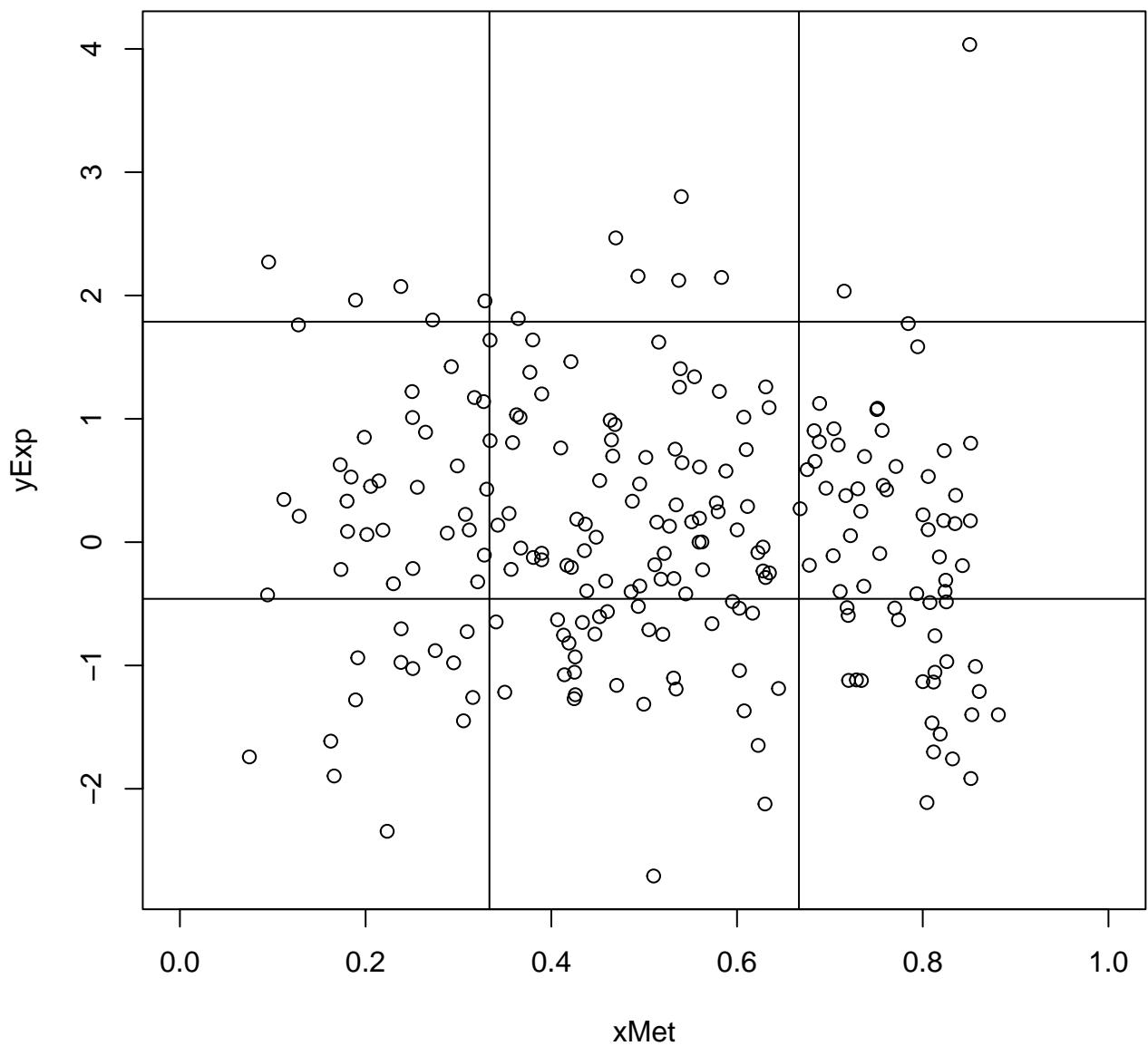
ARMC4, 118.4



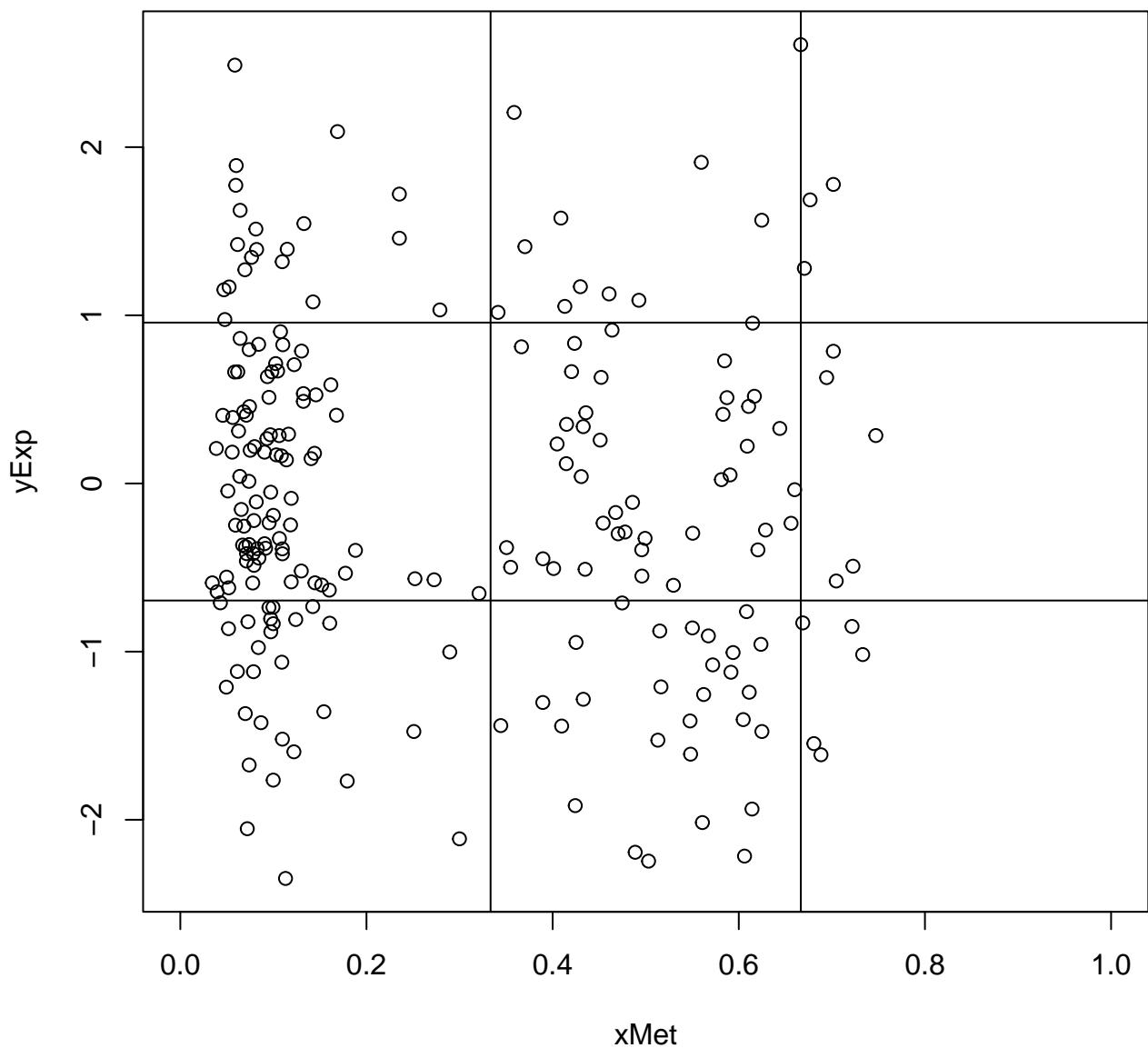
ARNT2, 226



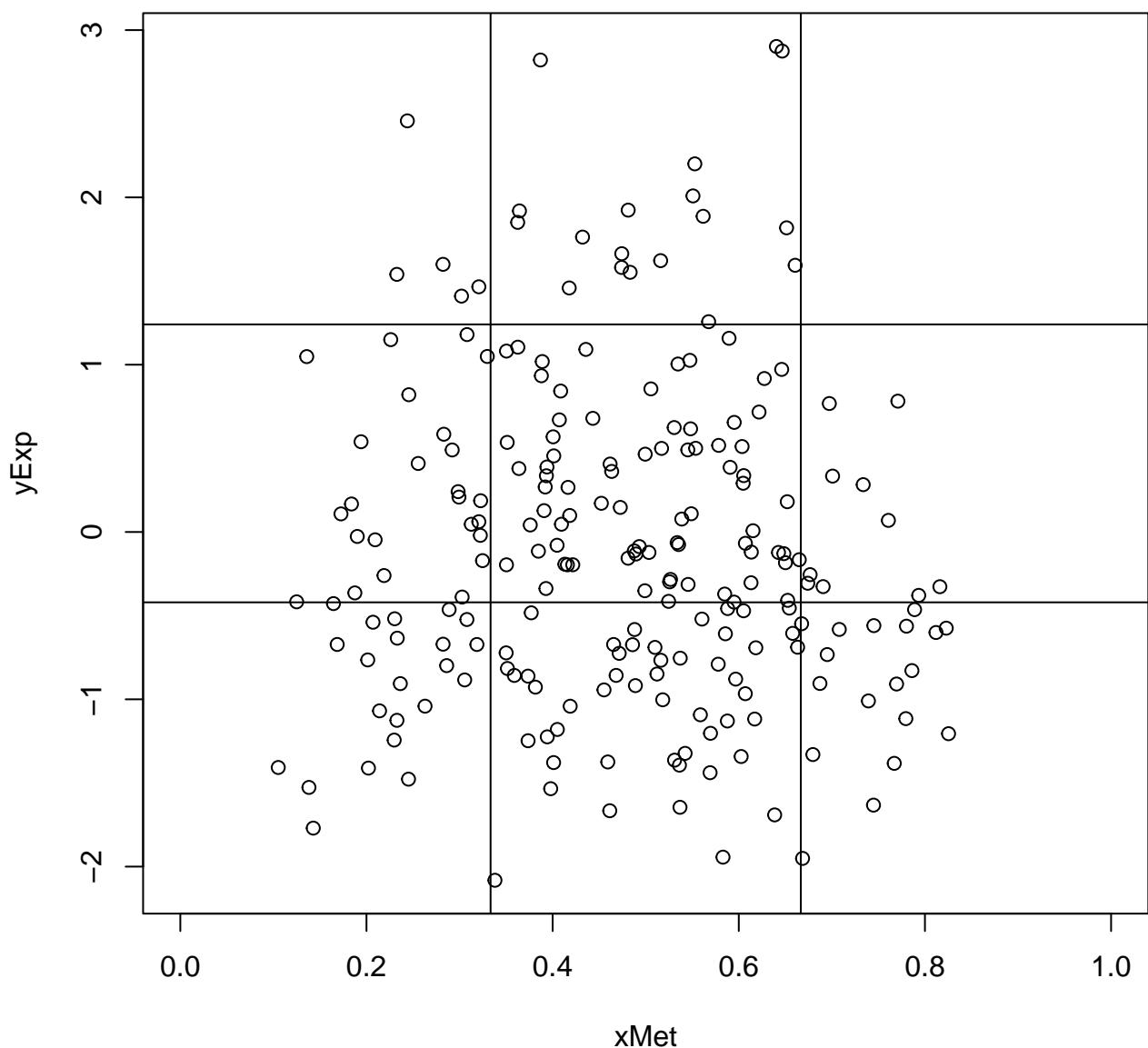
ARPP21, -50.2



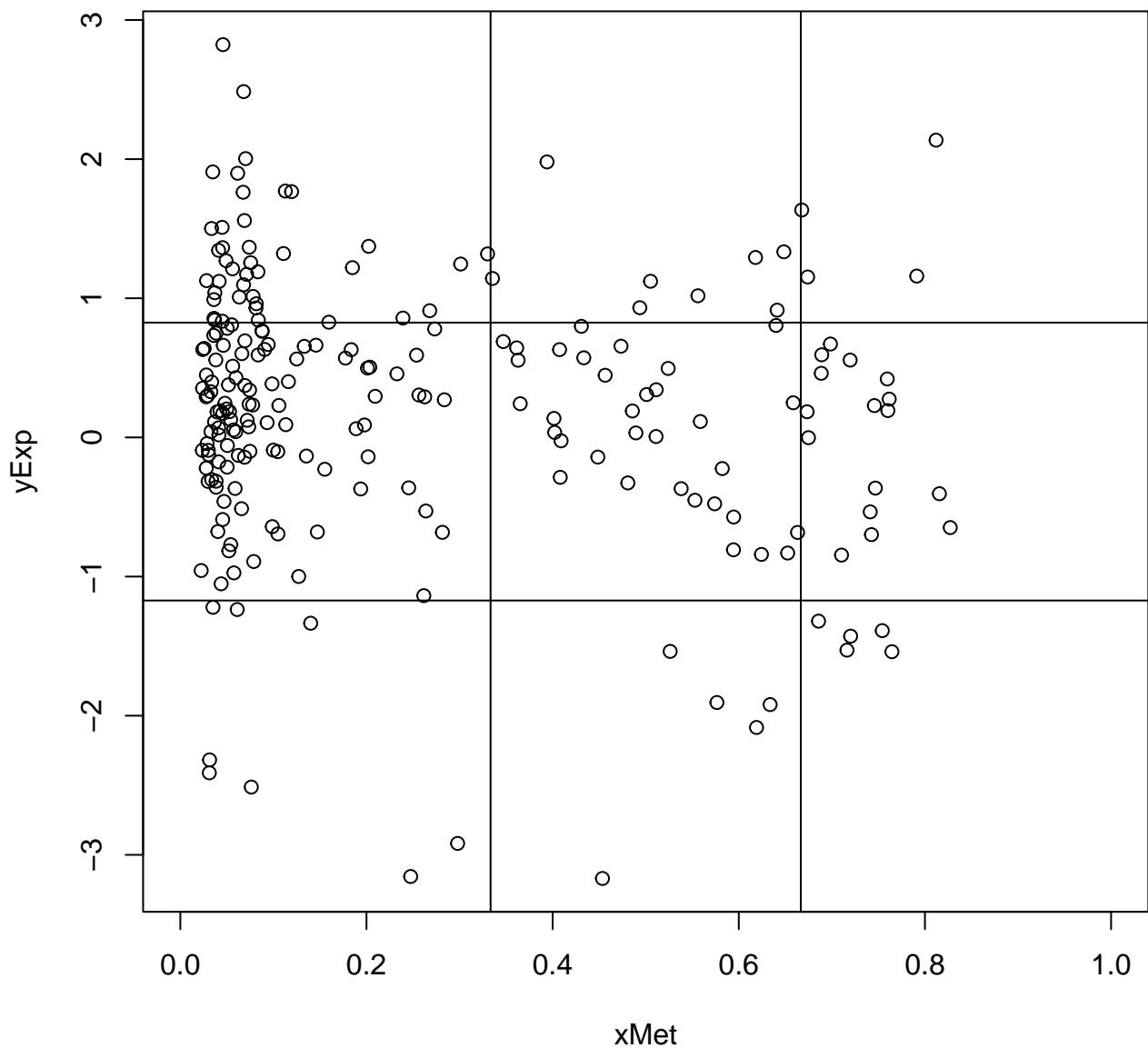
ASCL1, 22.2



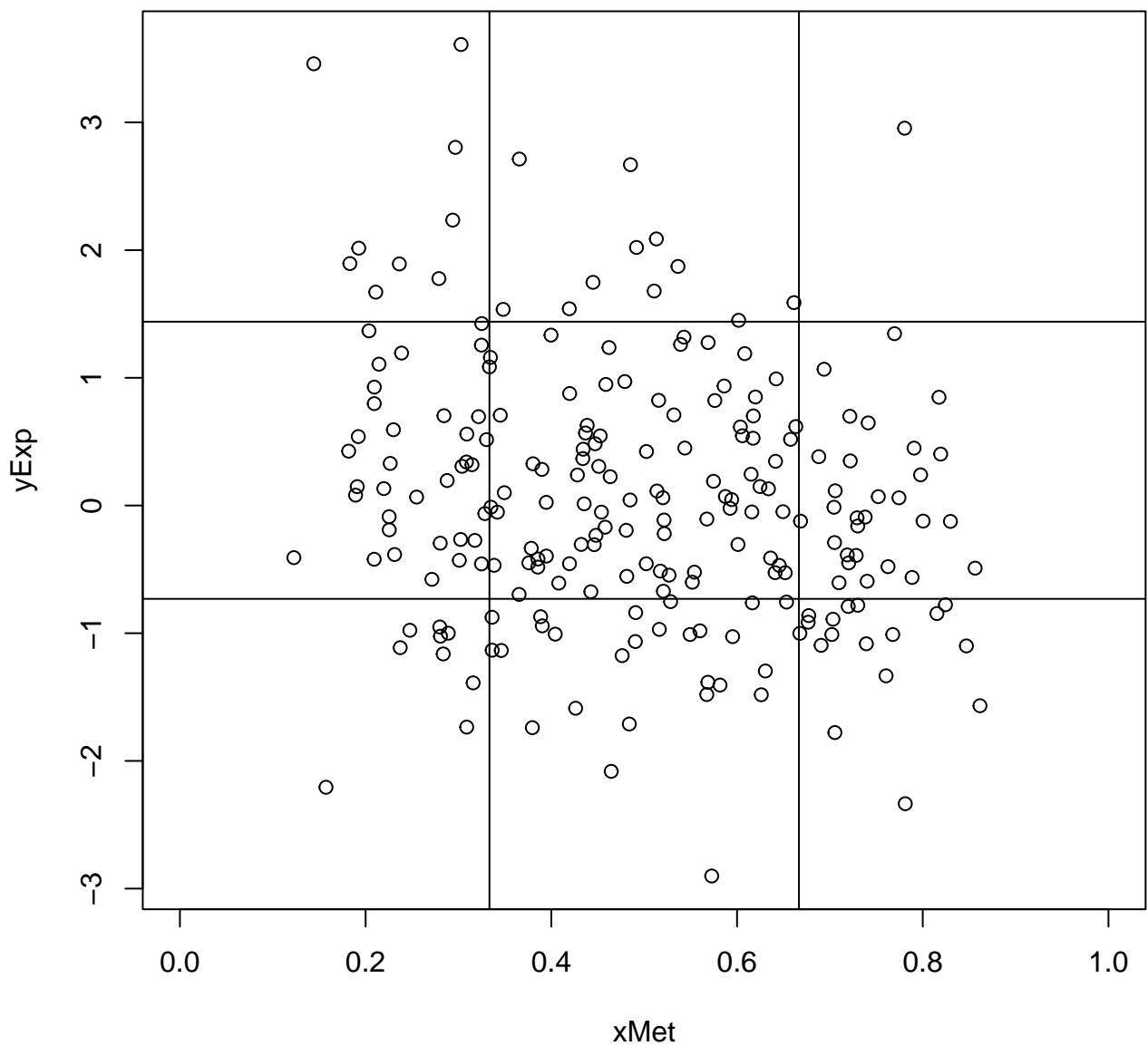
ATP6V0D2, 86



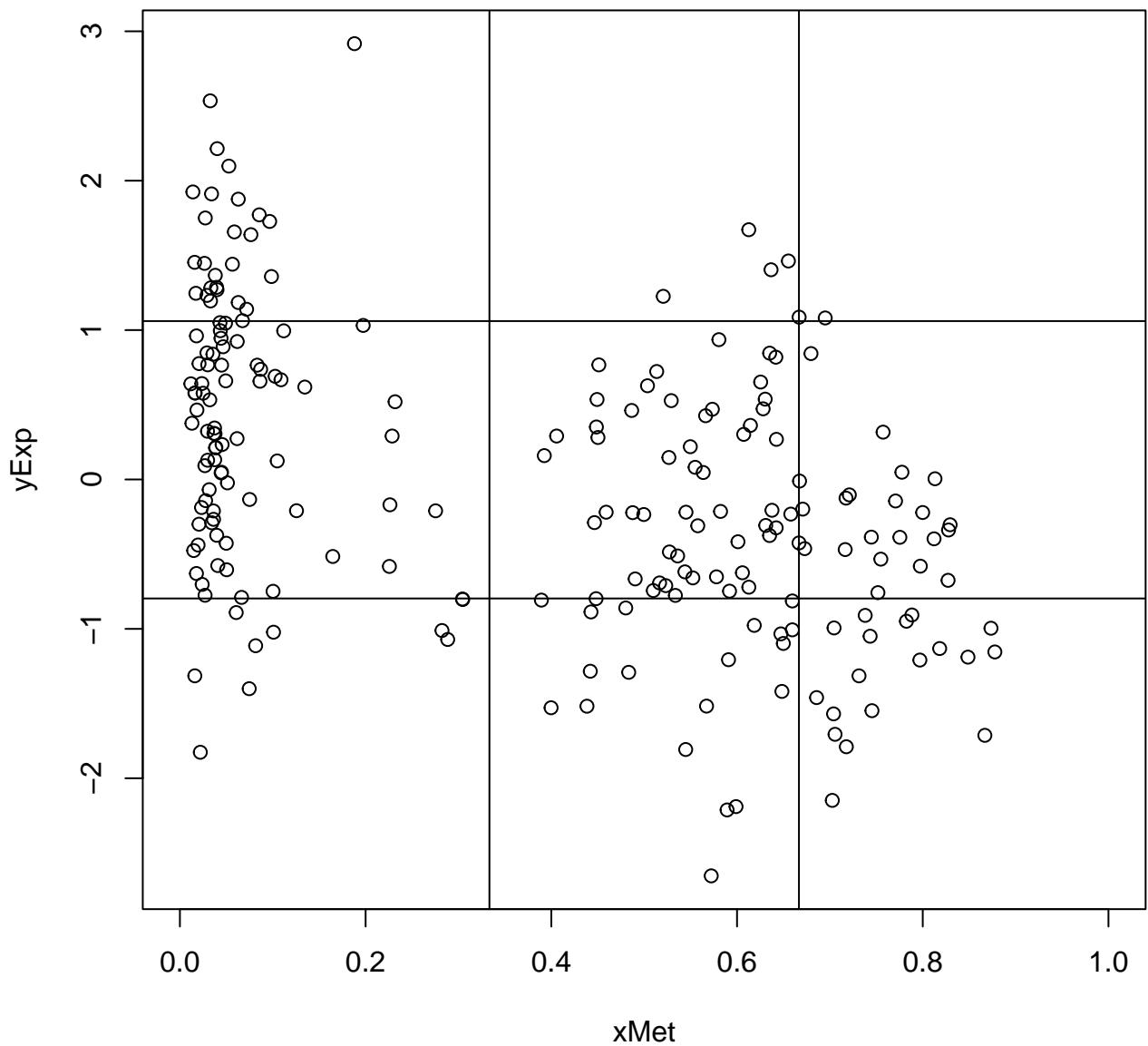
AUTS2, -19.4



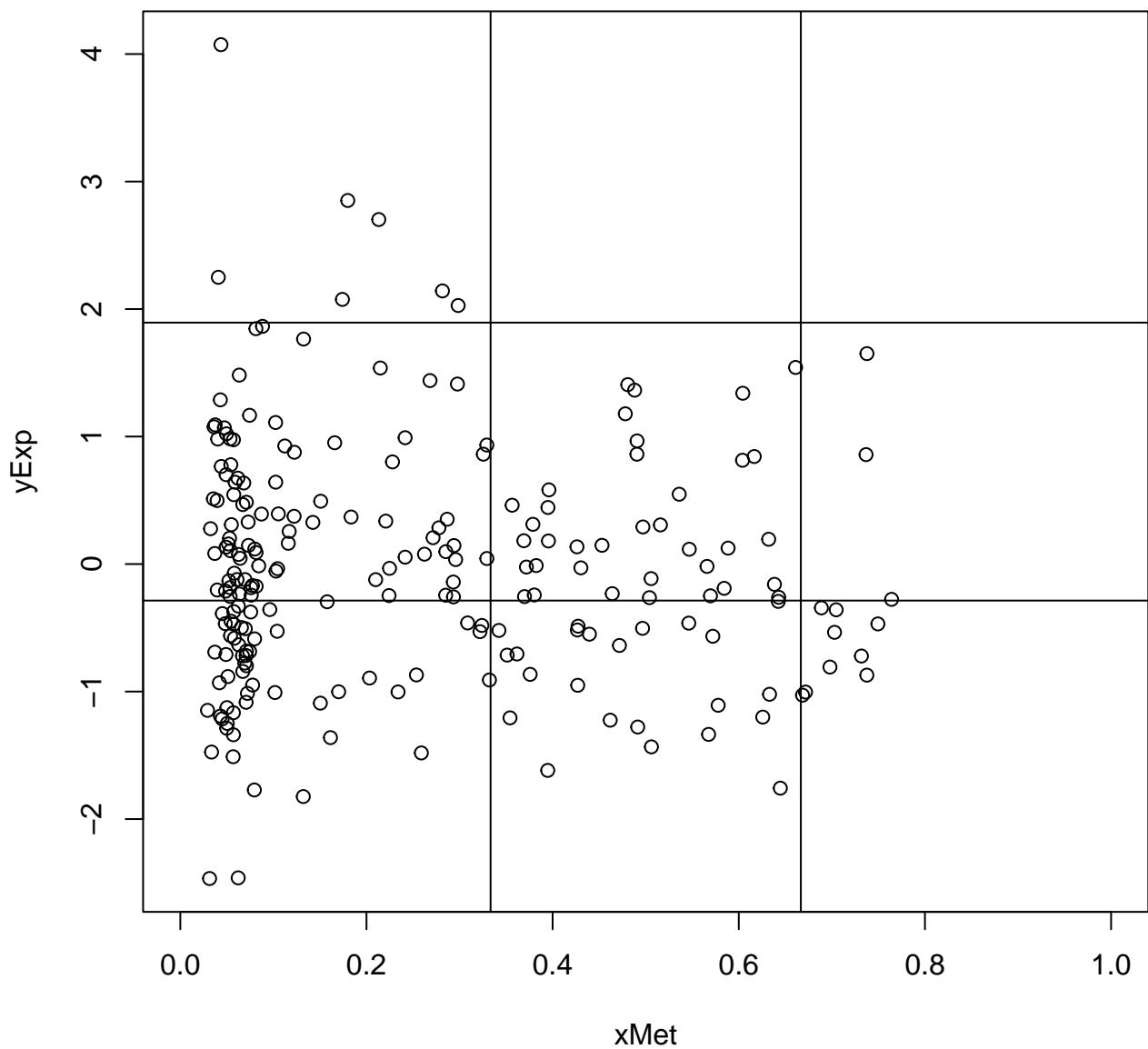
AVIL, -1.6



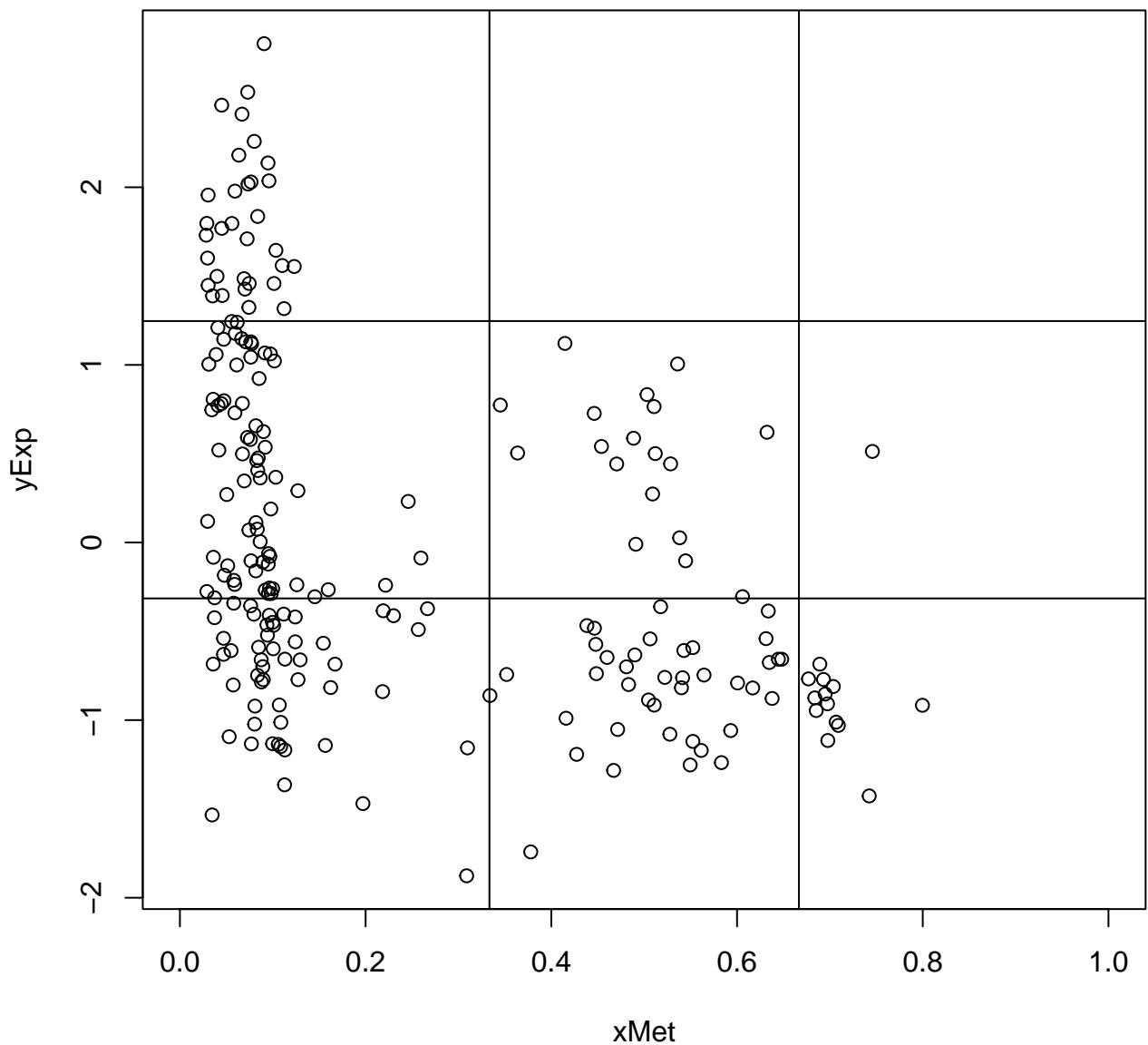
B3GALNT1, 46.8



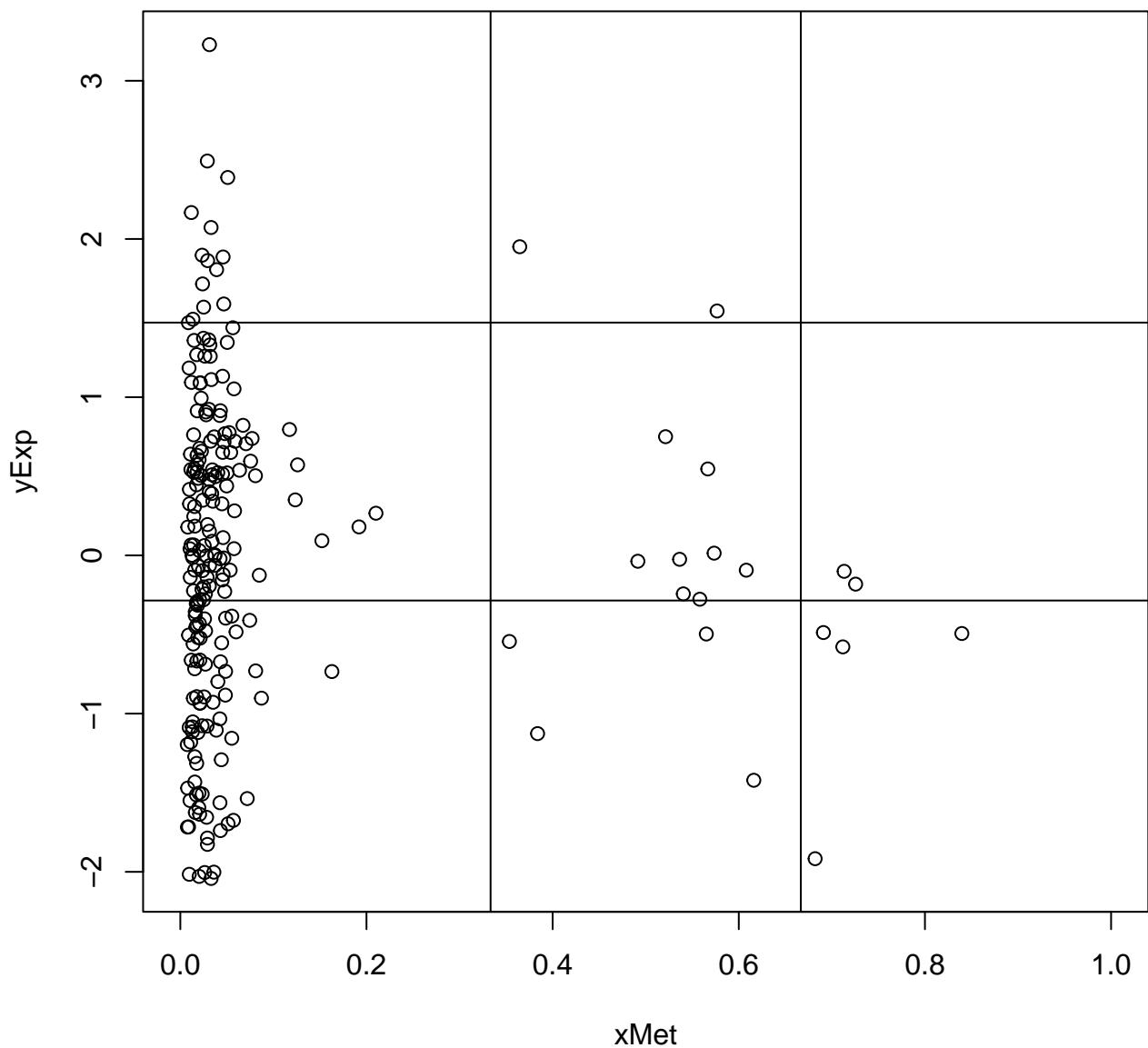
B4GALNT1, 194



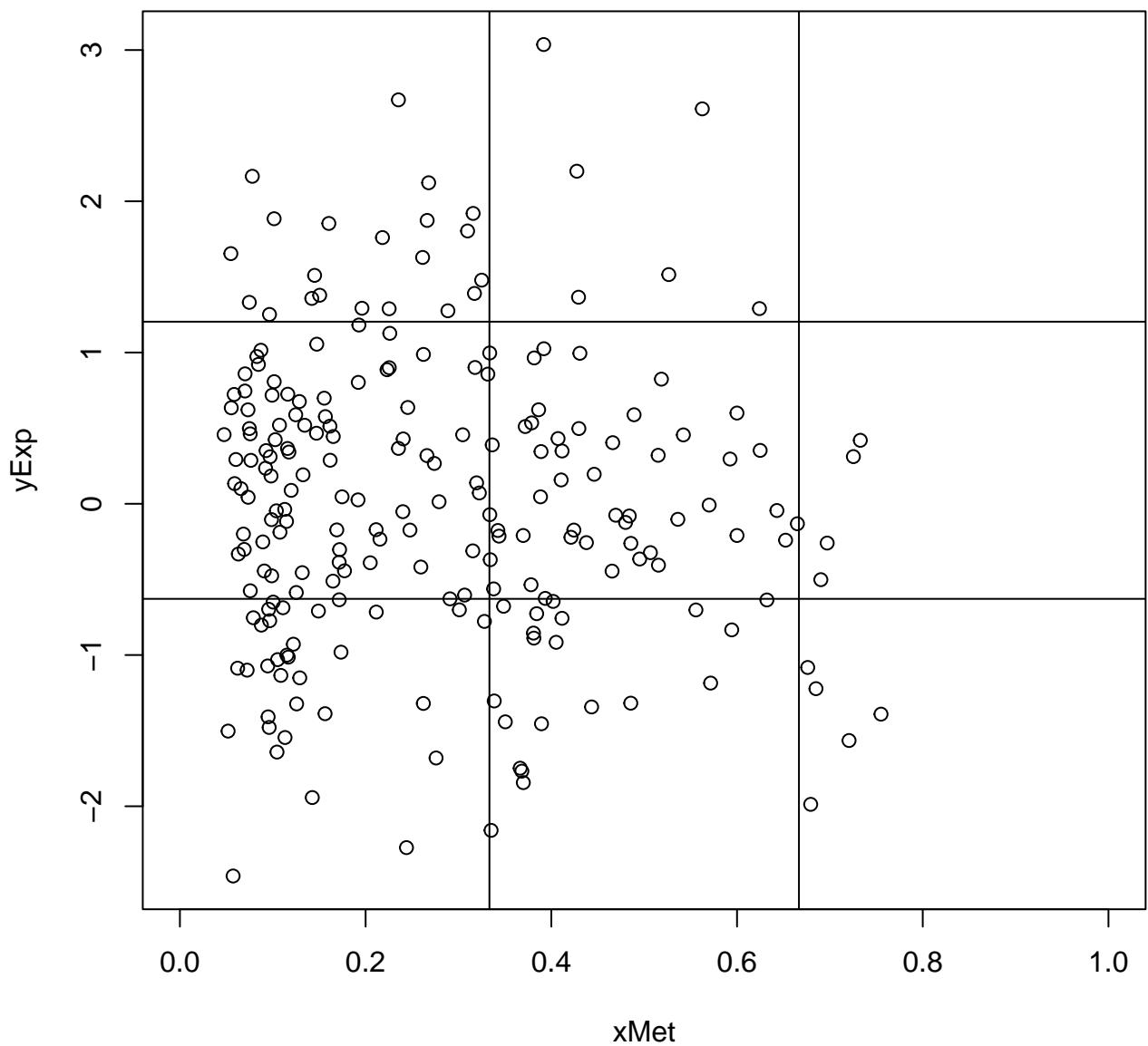
B4GALNT4, 247



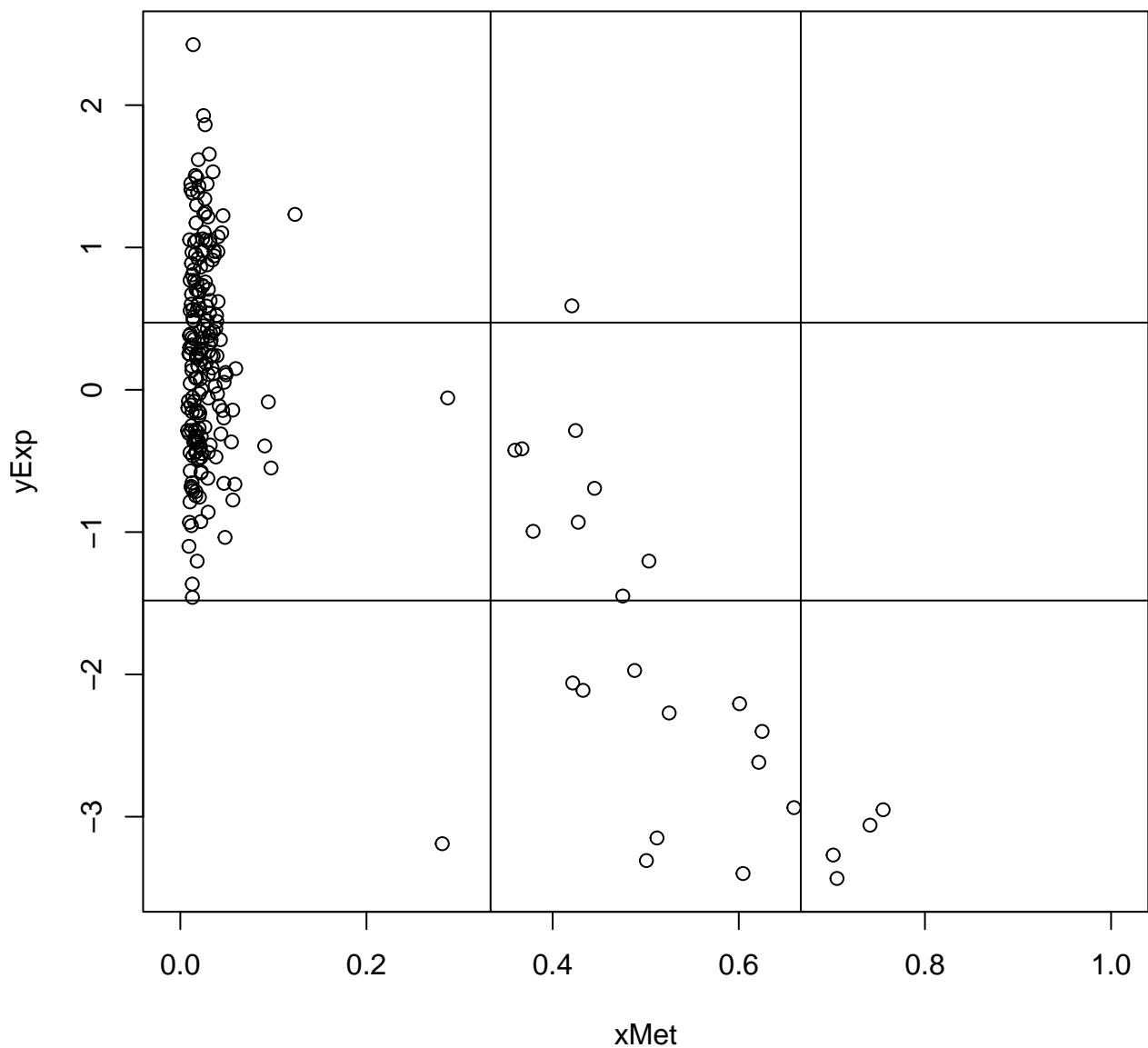
BACH2, 220



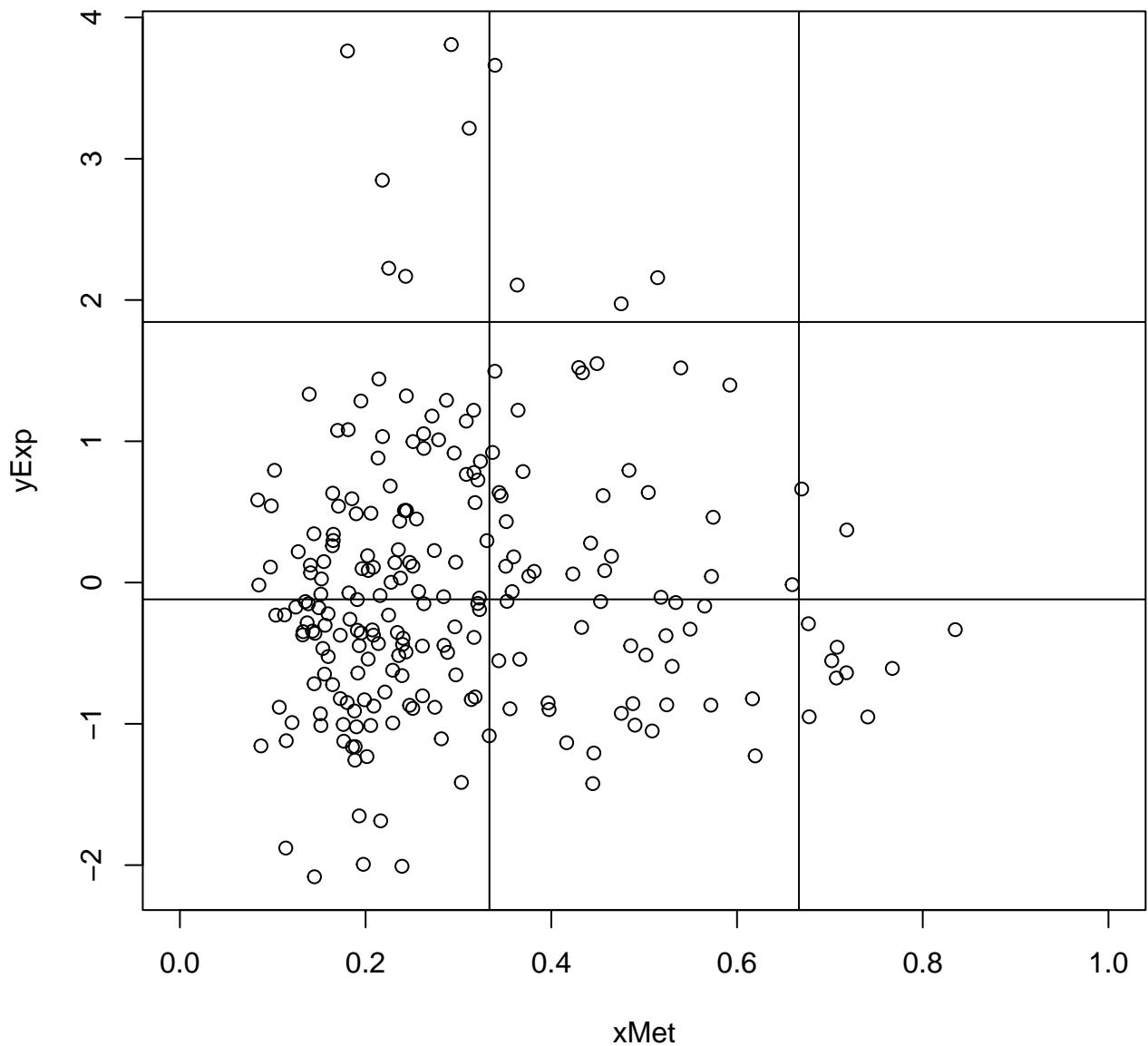
BAMBI, 171



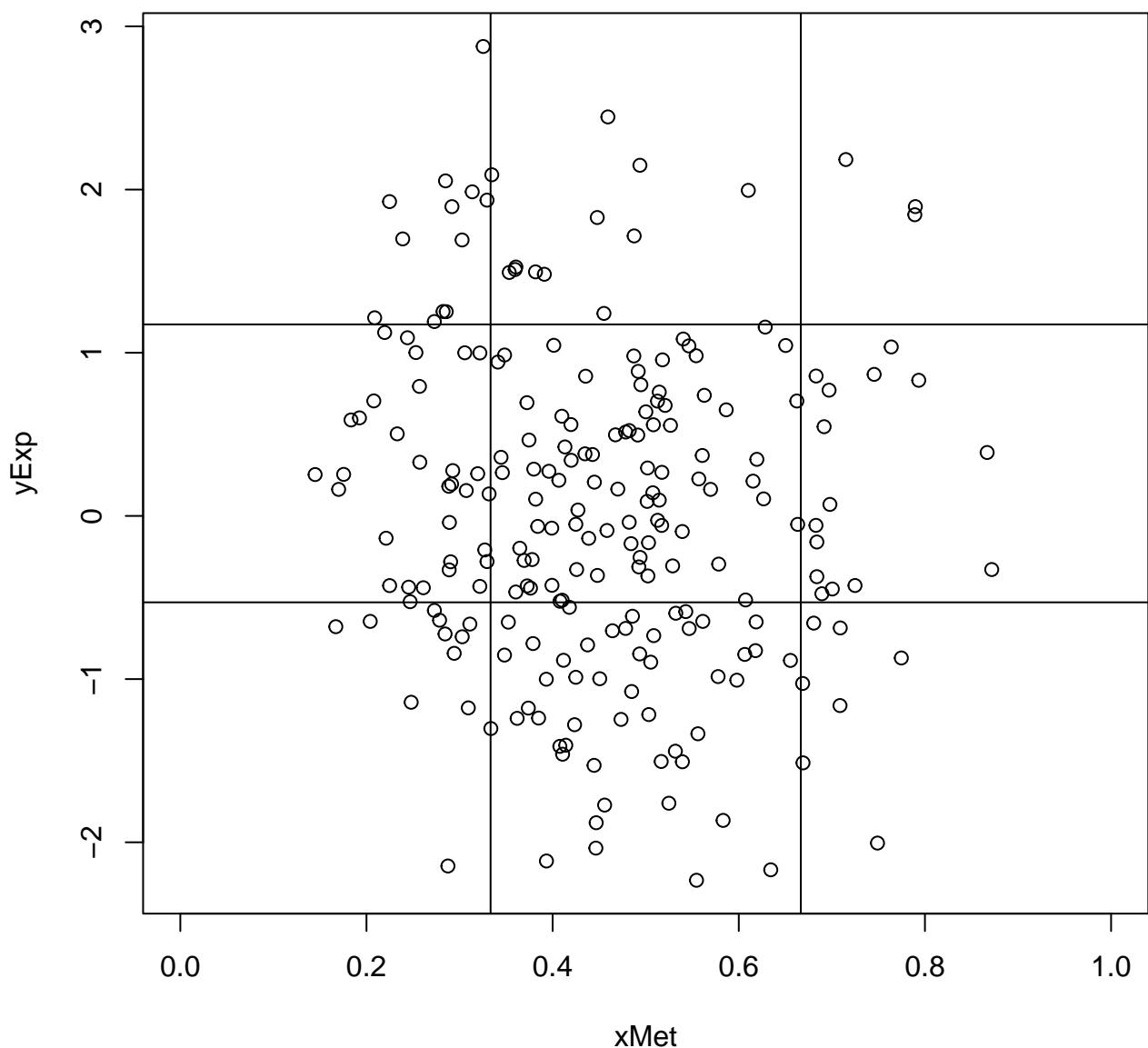
BBS10, 287



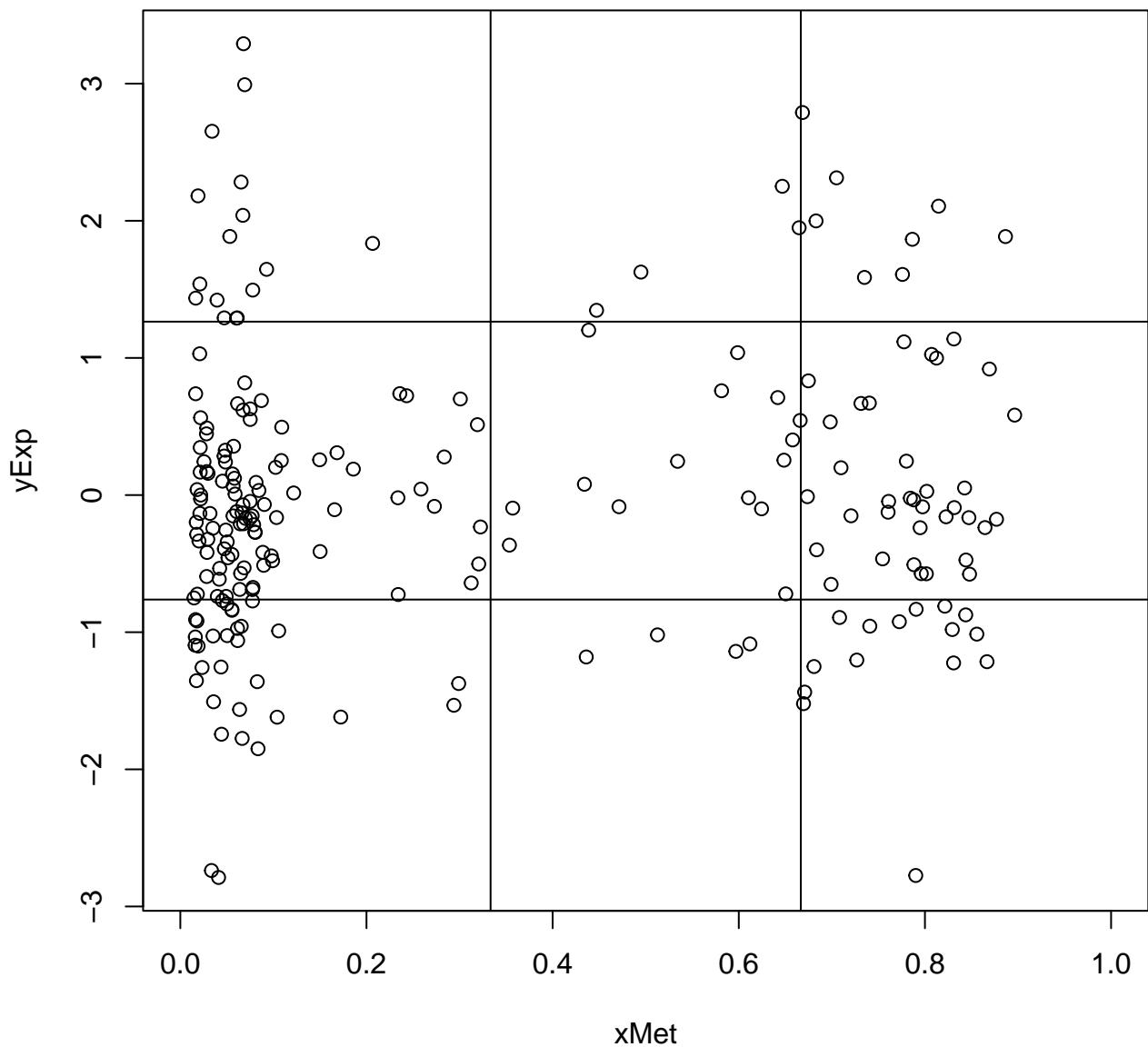
BCHE, 192



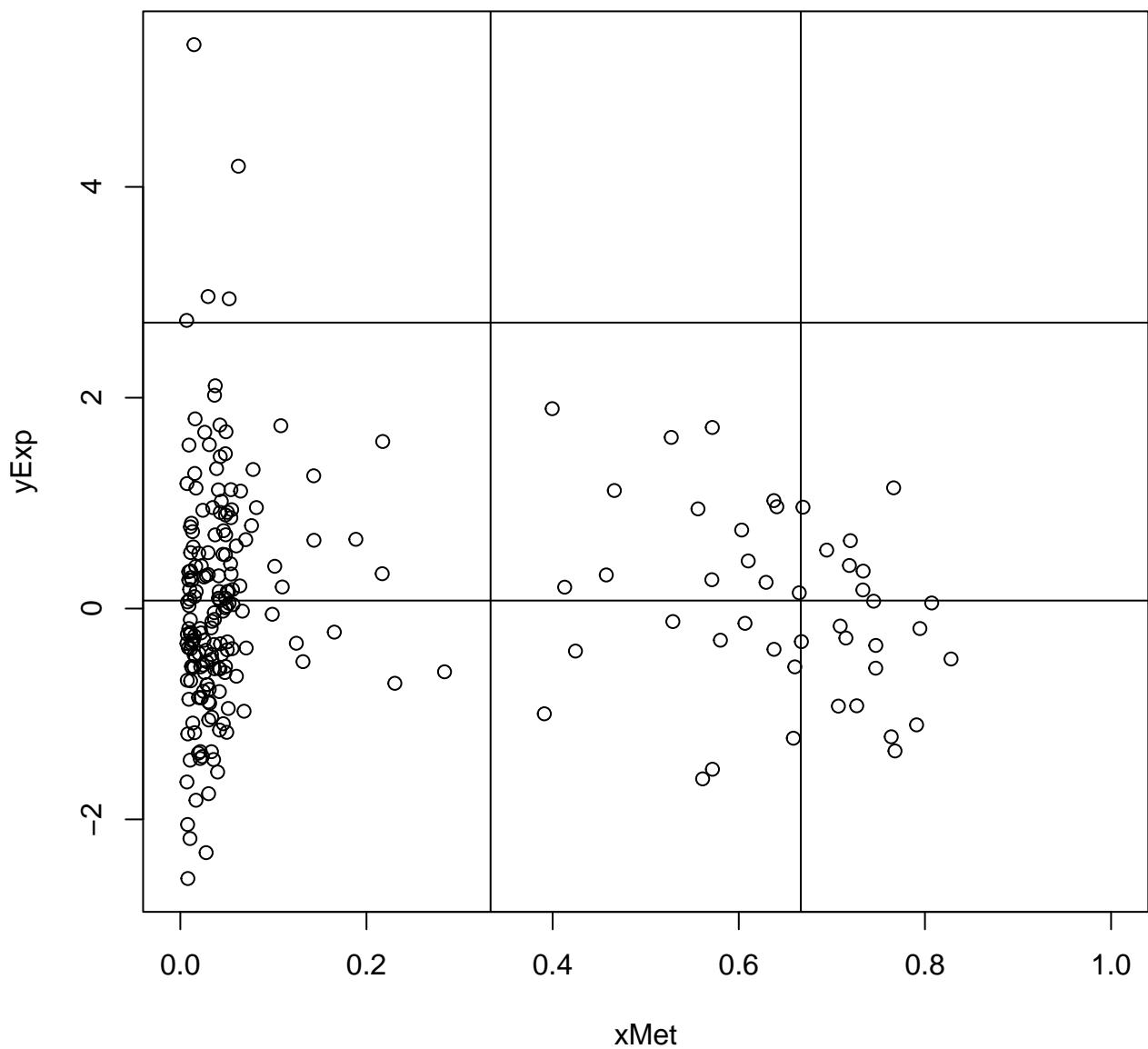
BMP10, -58.8



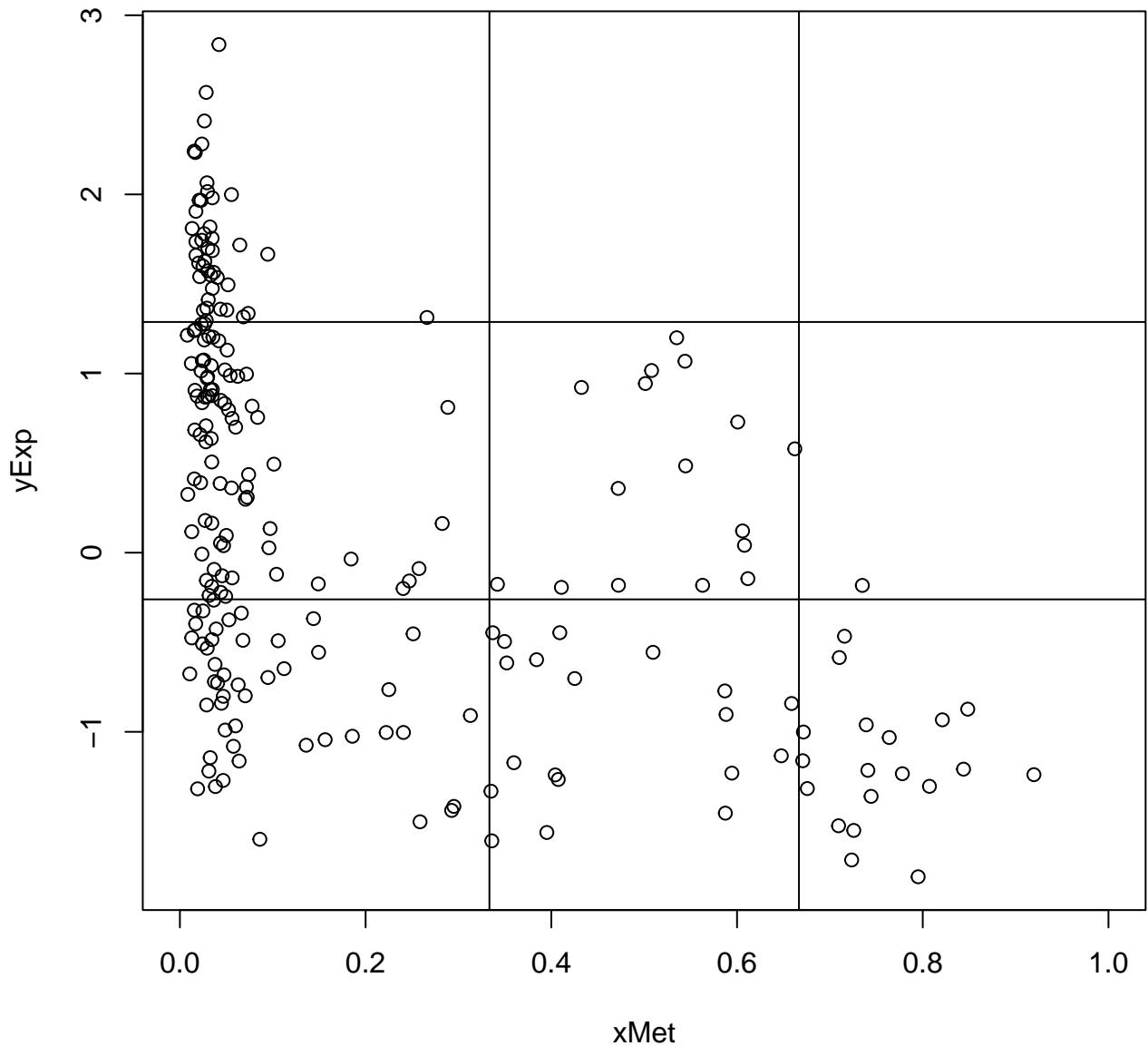
BMP3, -242.8



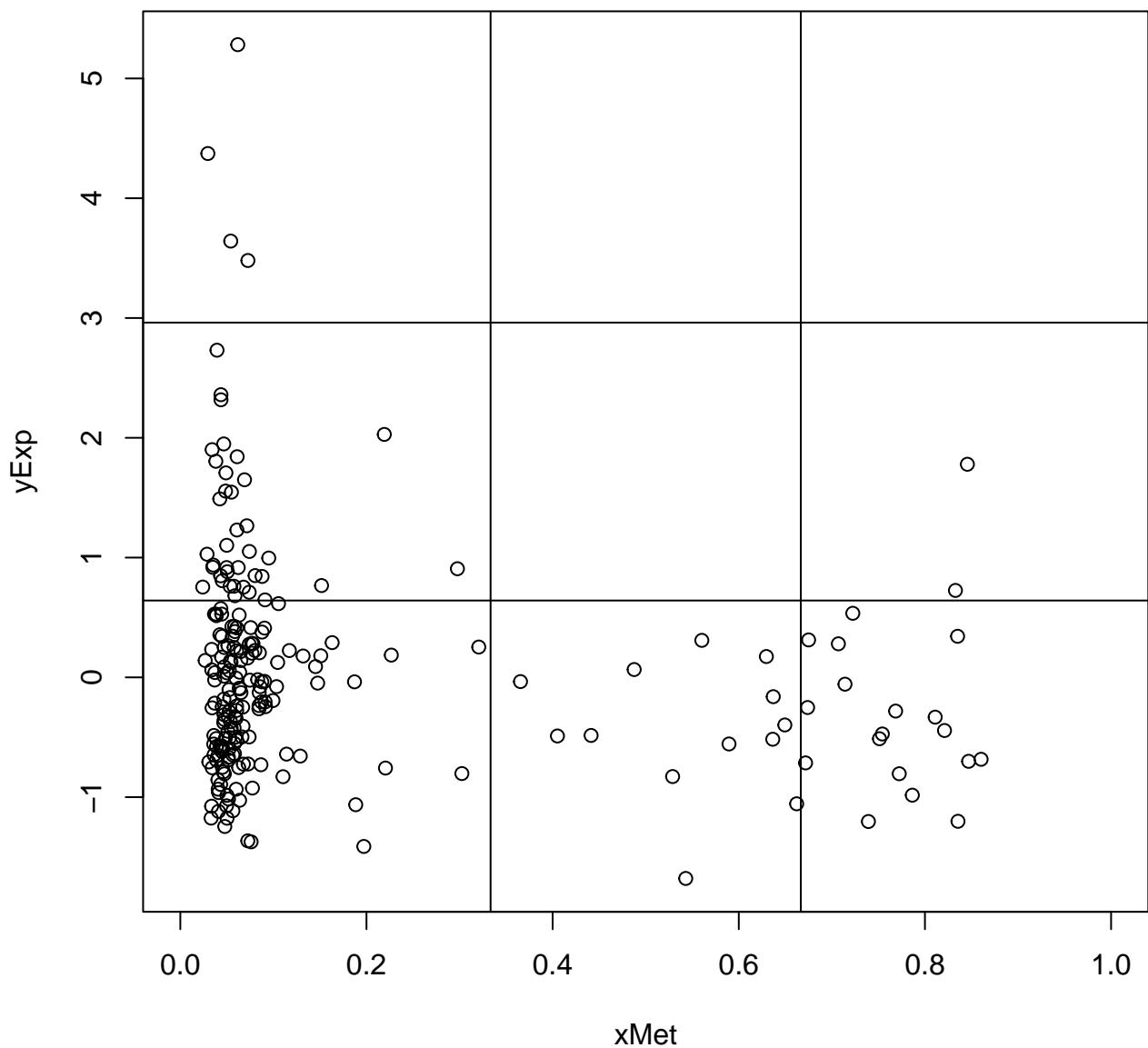
BMP6, 207



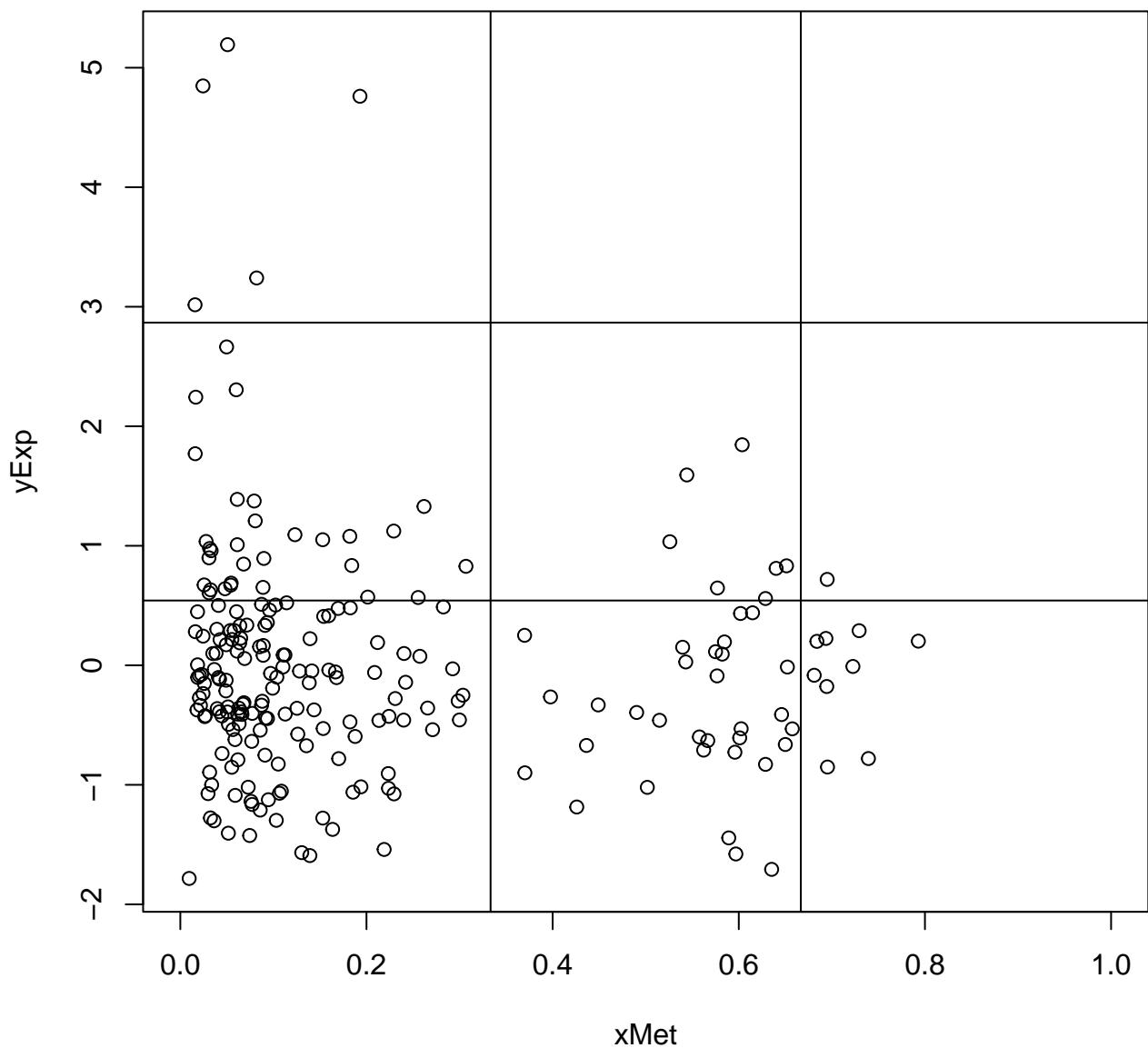
BMP7, 266



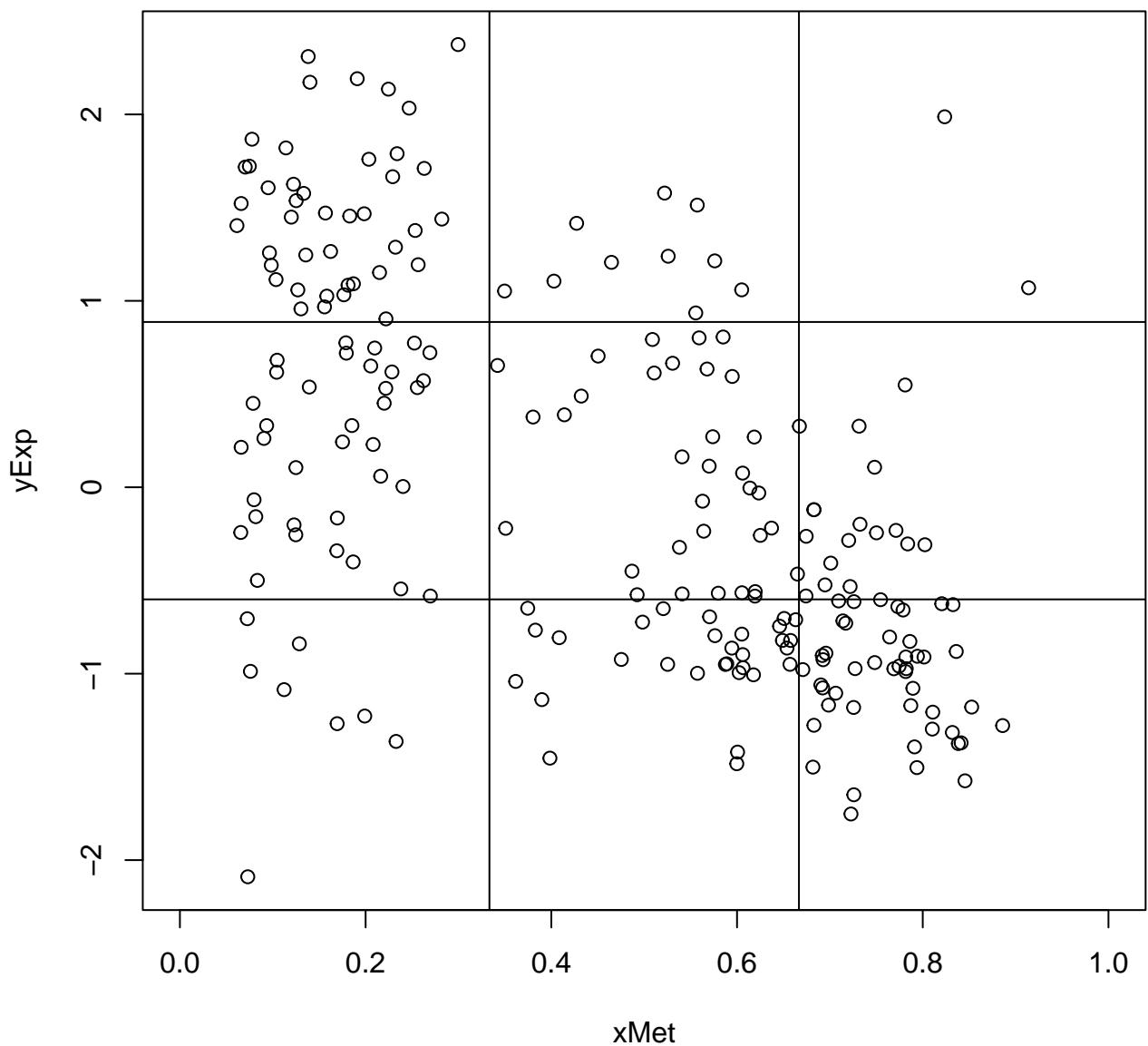
BMPER, 239



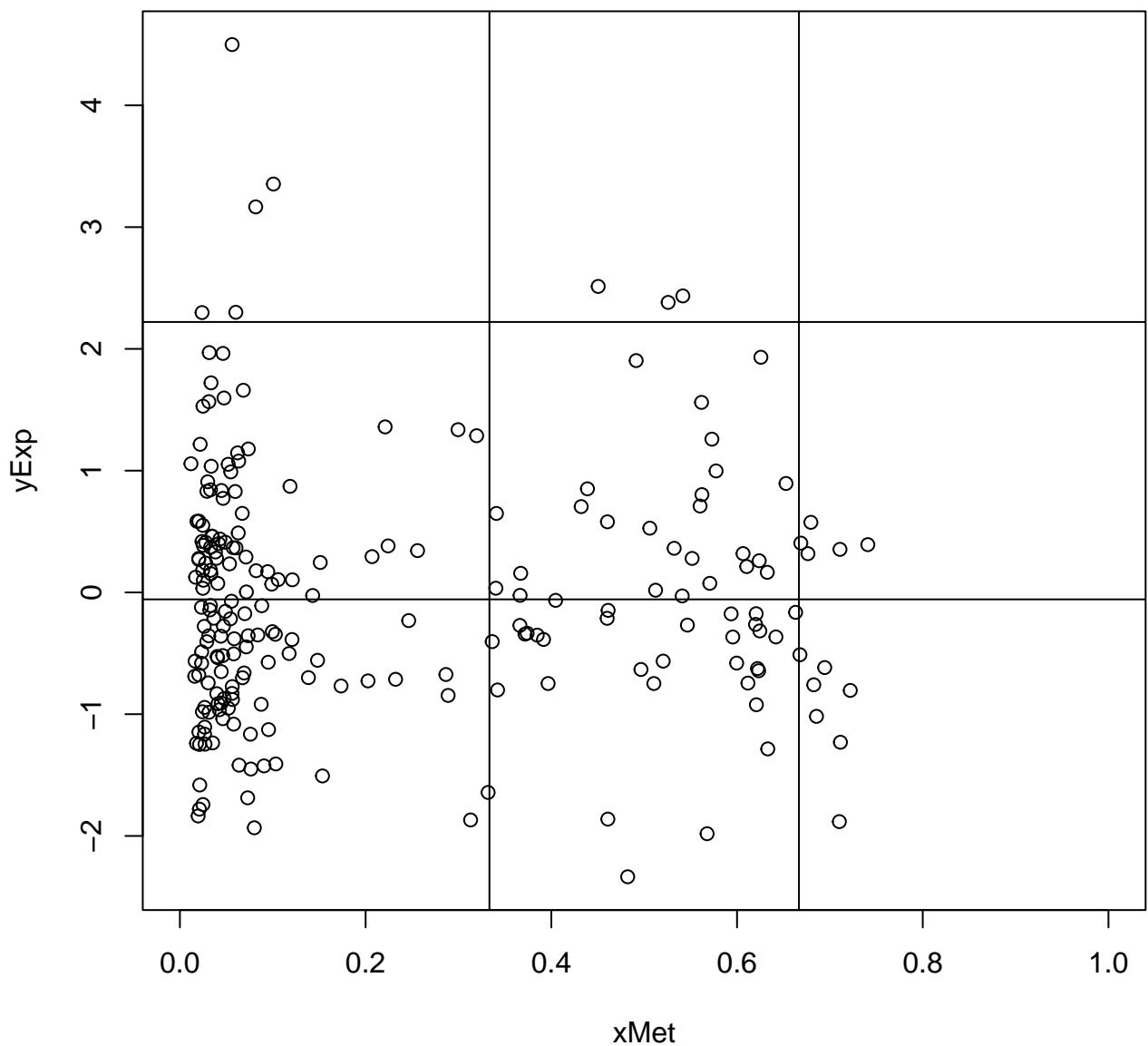
BMPR1B, 227



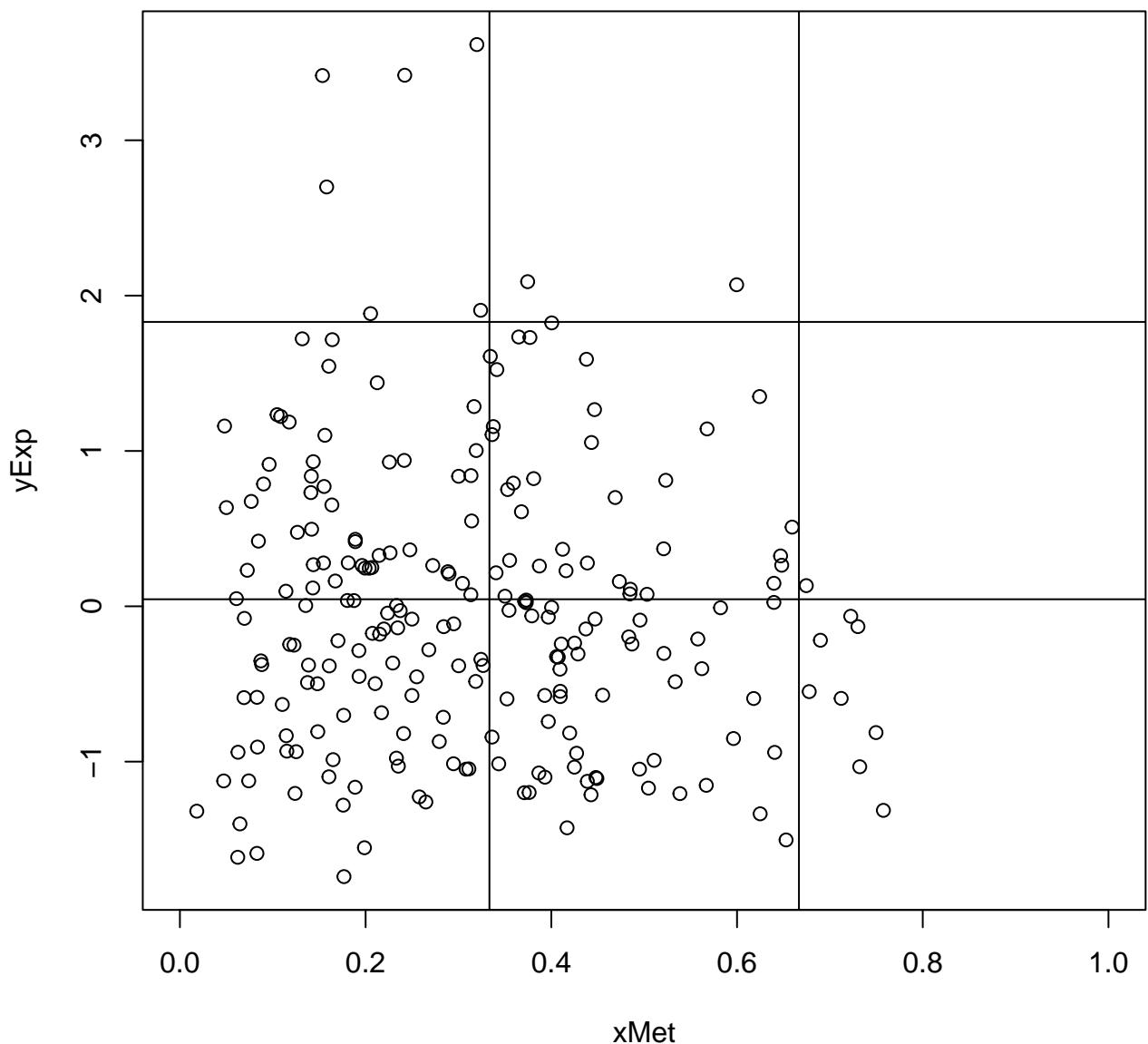
BNIP3, 105.8



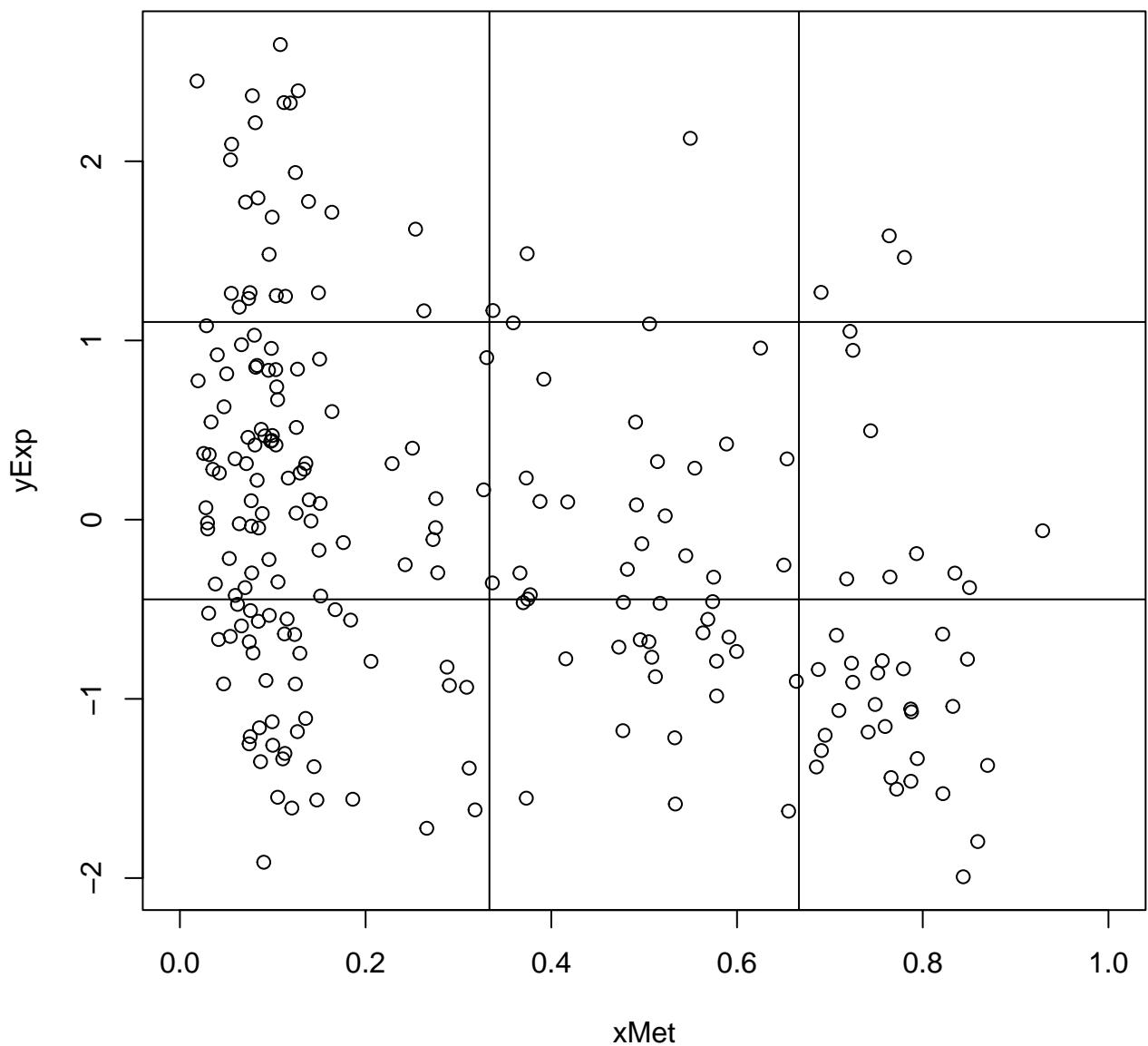
BOC, 186



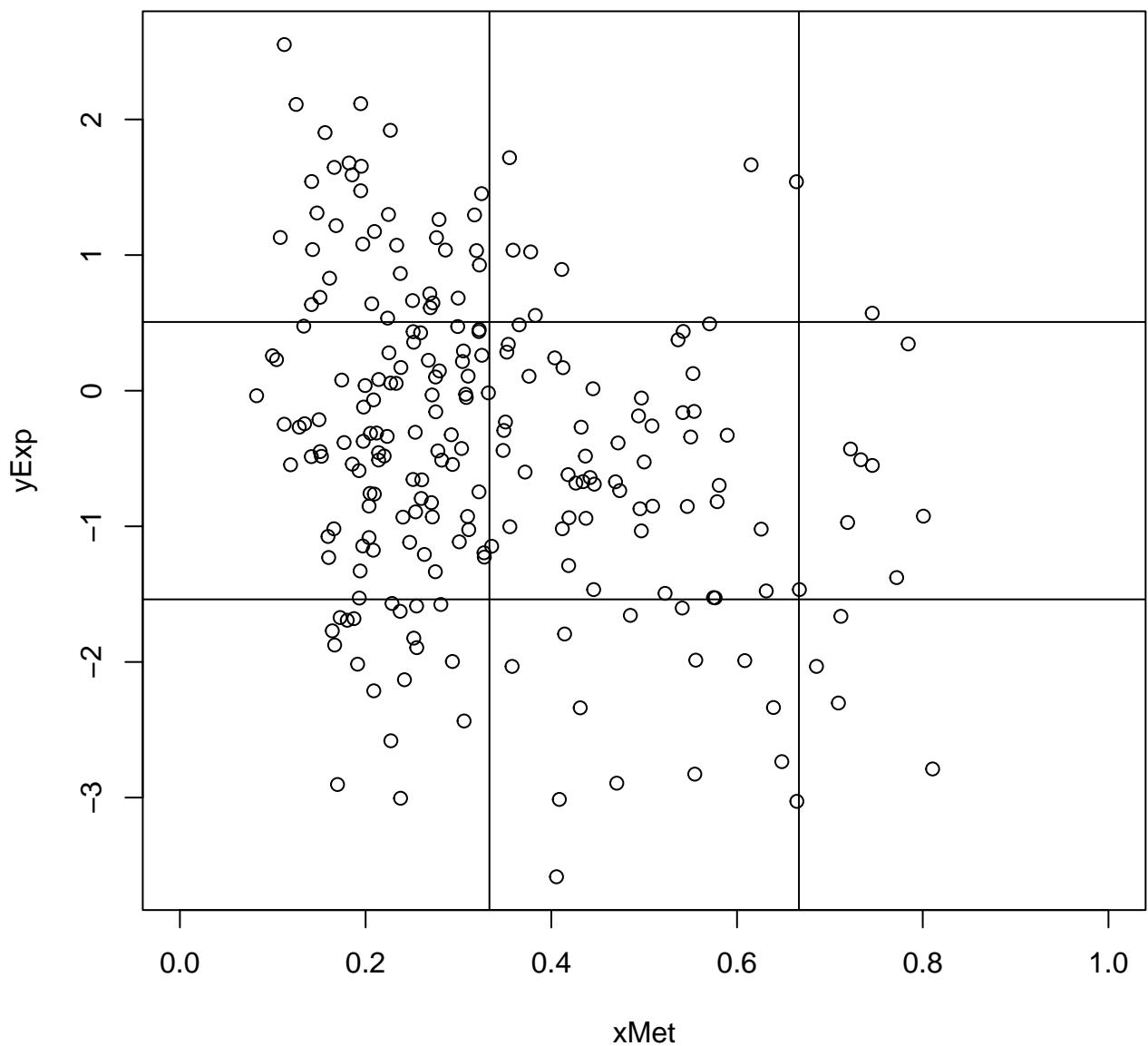
BRINP3, 194



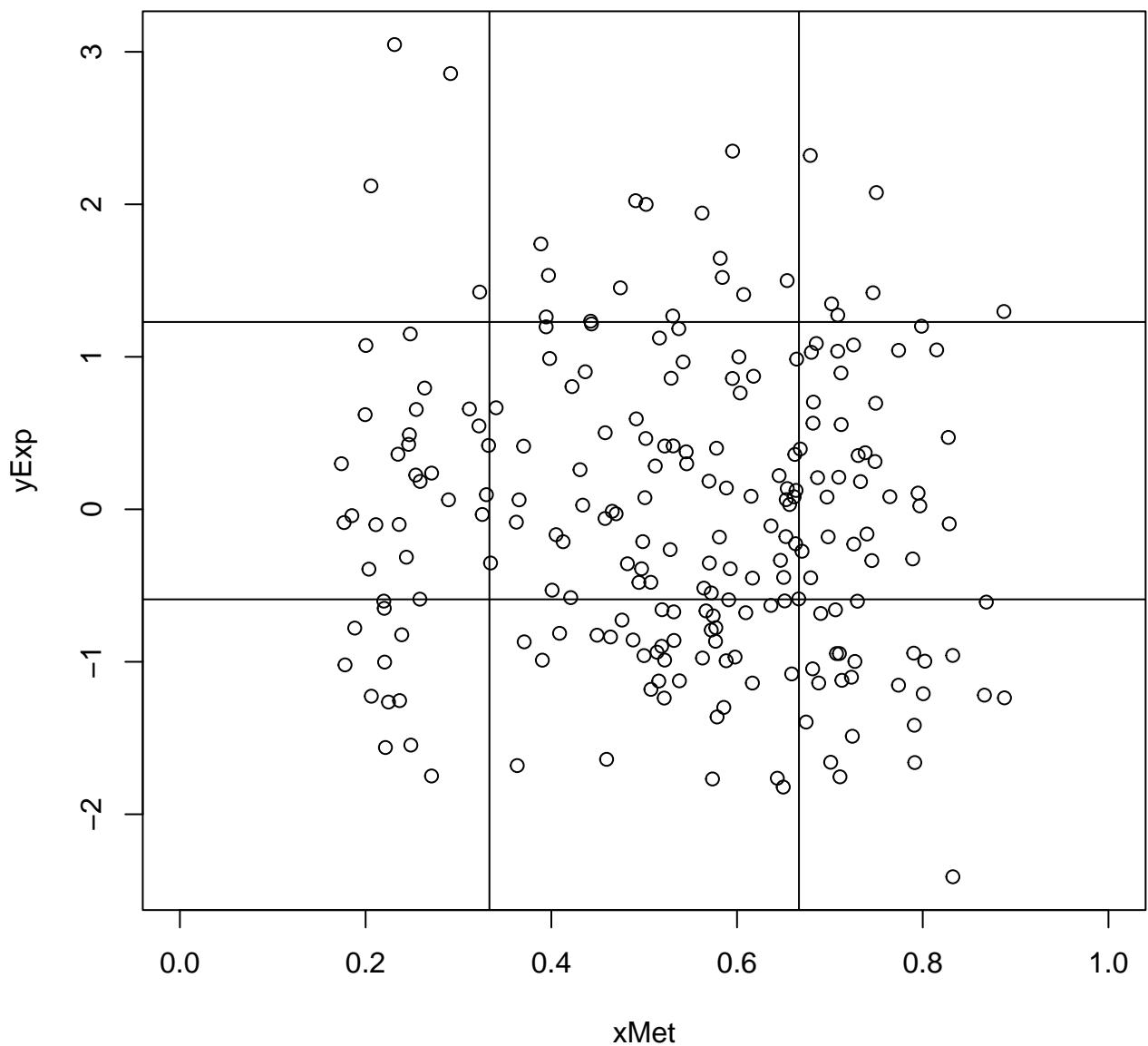
BRSK2, 79.2



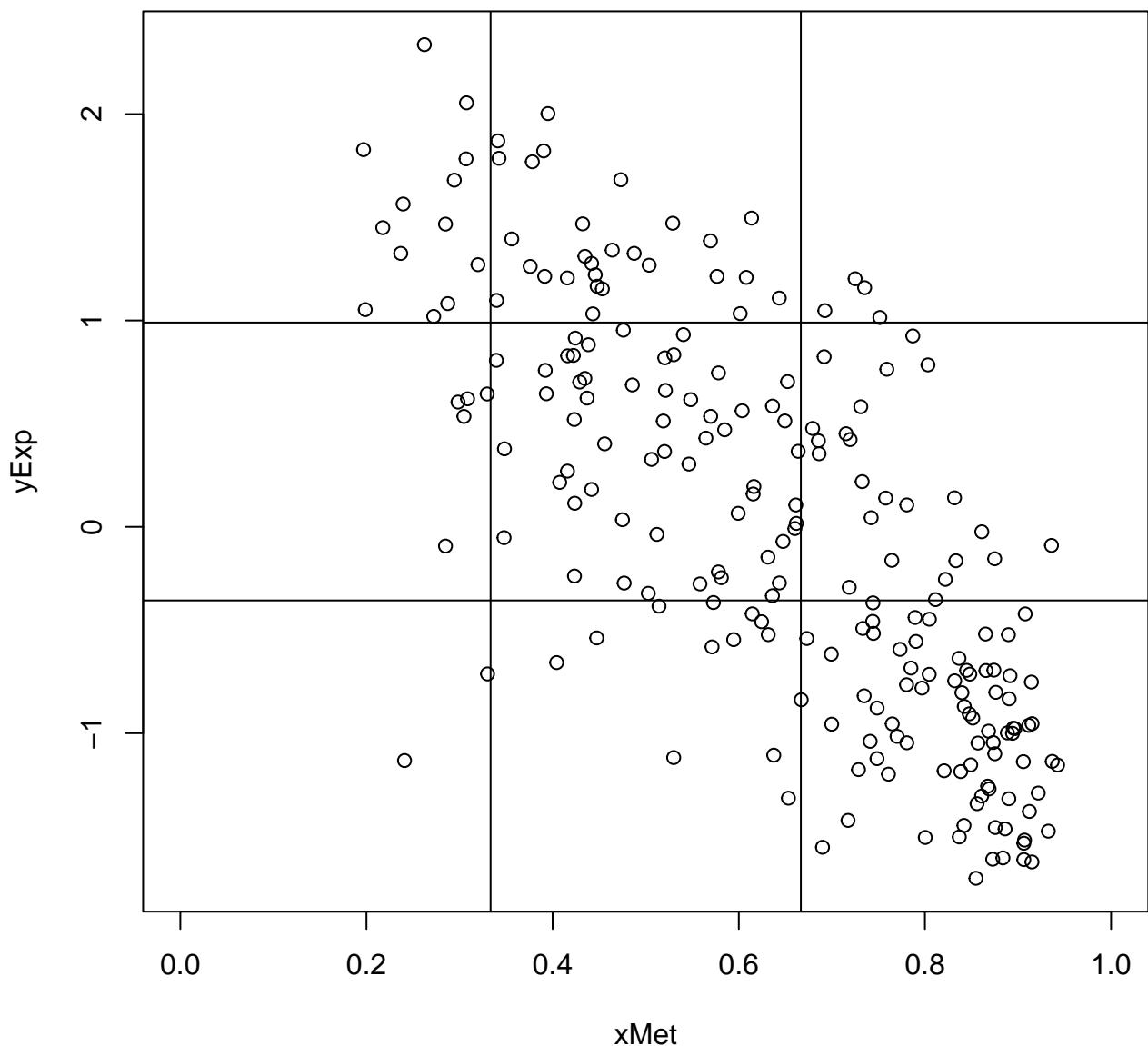
BTBD6, 122.4



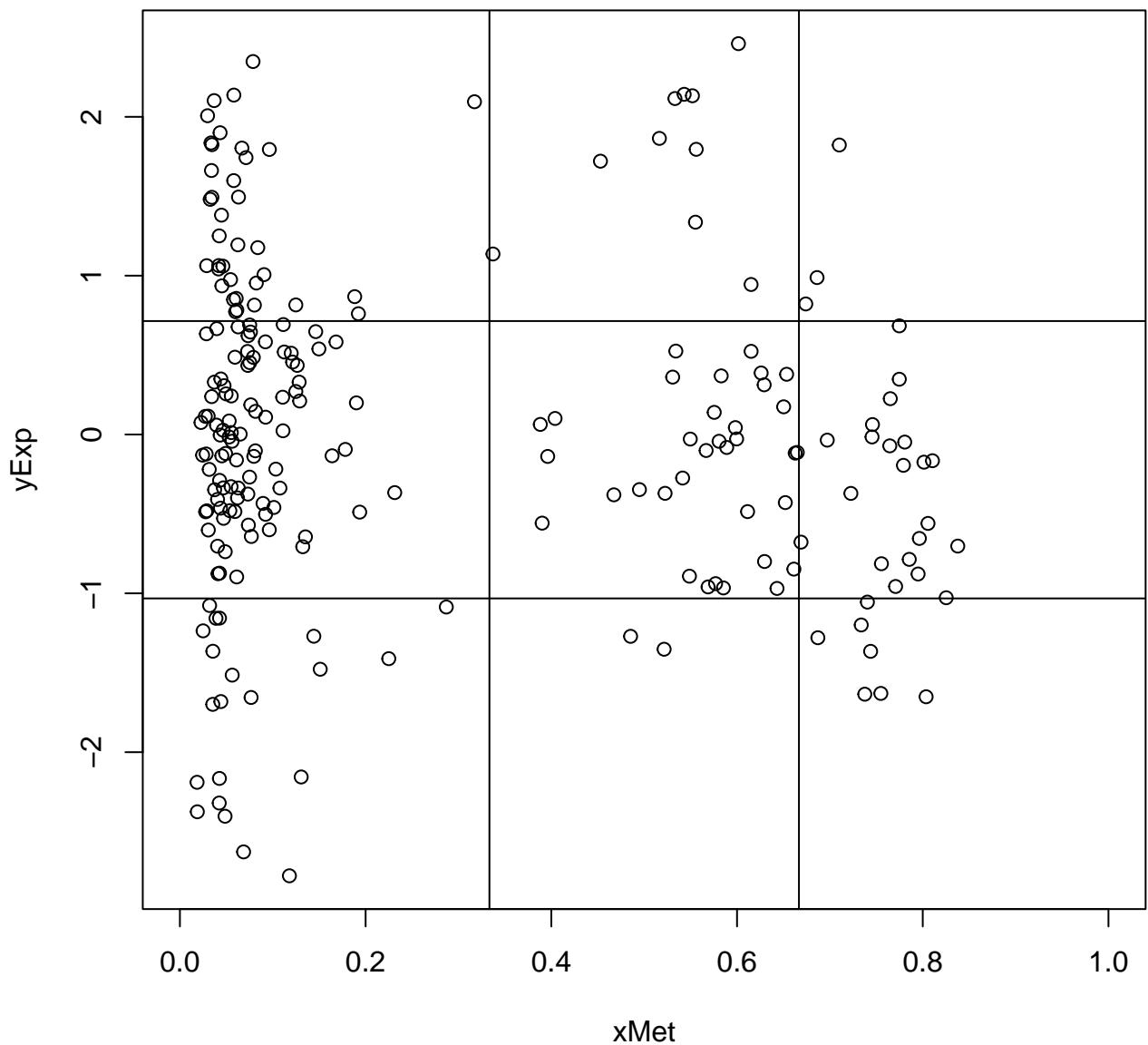
BVES, -225.6



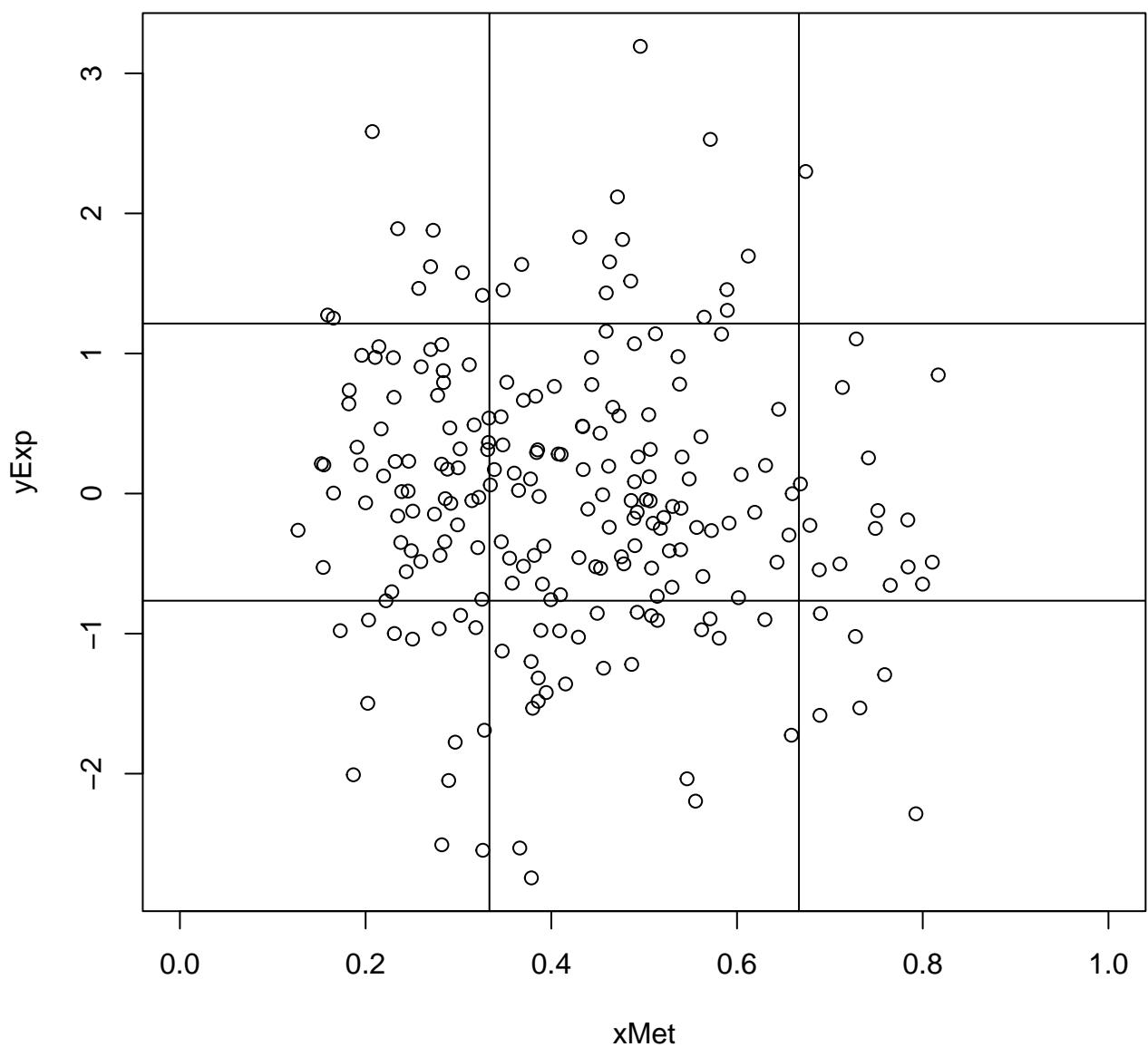
C10orf82, -75.4



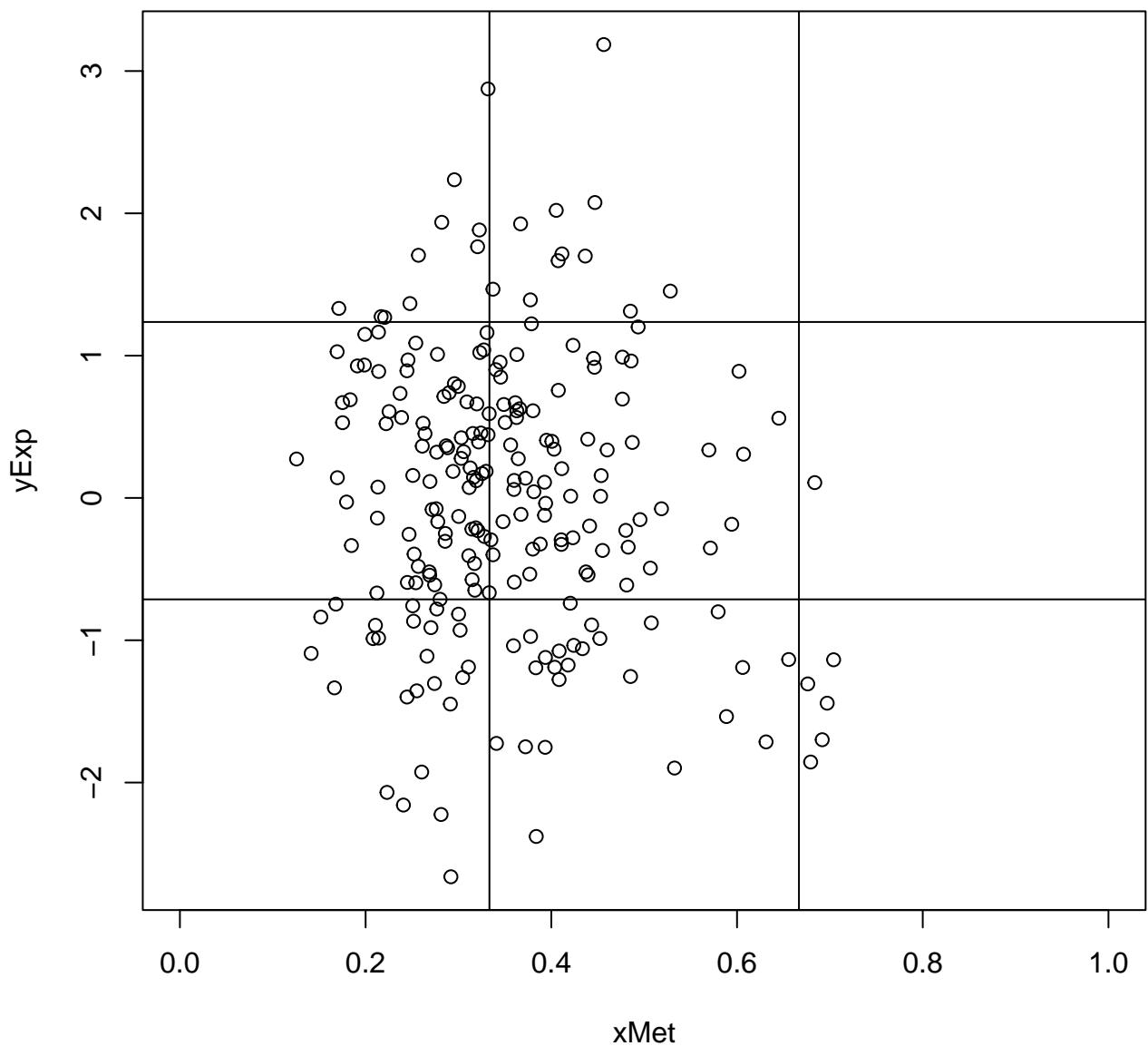
C14orf132, 2.19999999999999



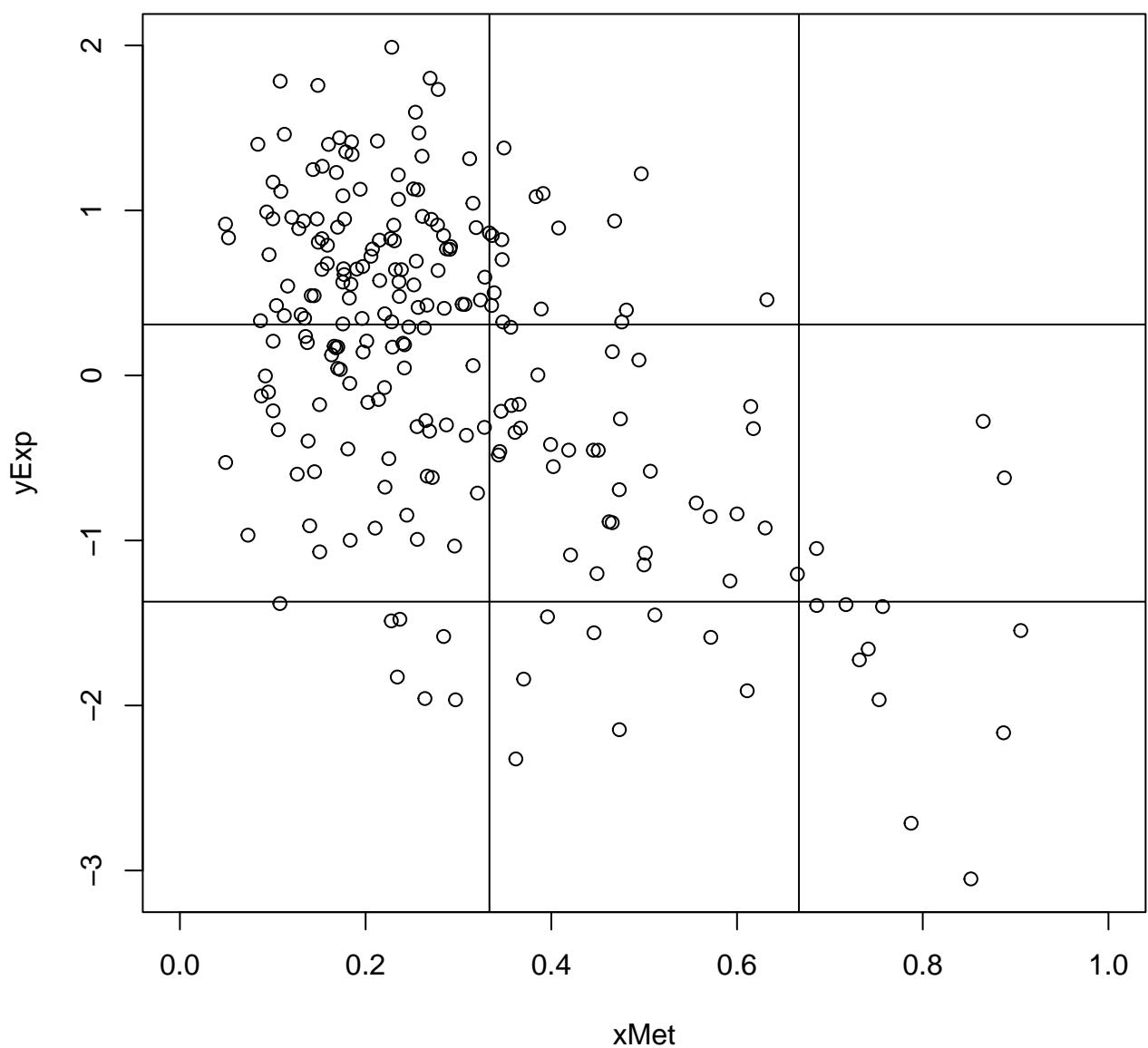
C16orf78, 21.4



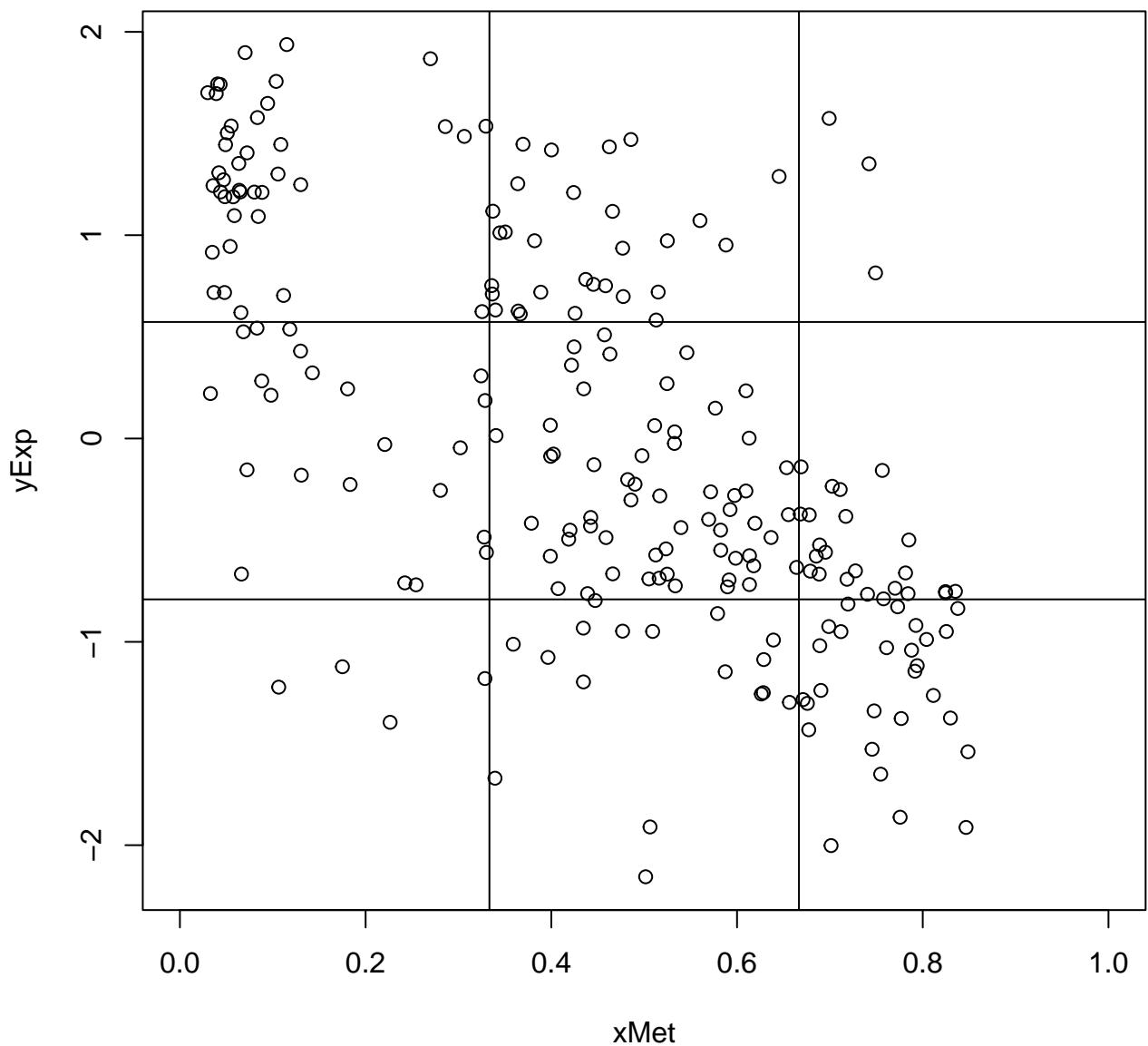
C1QTNF2, 136



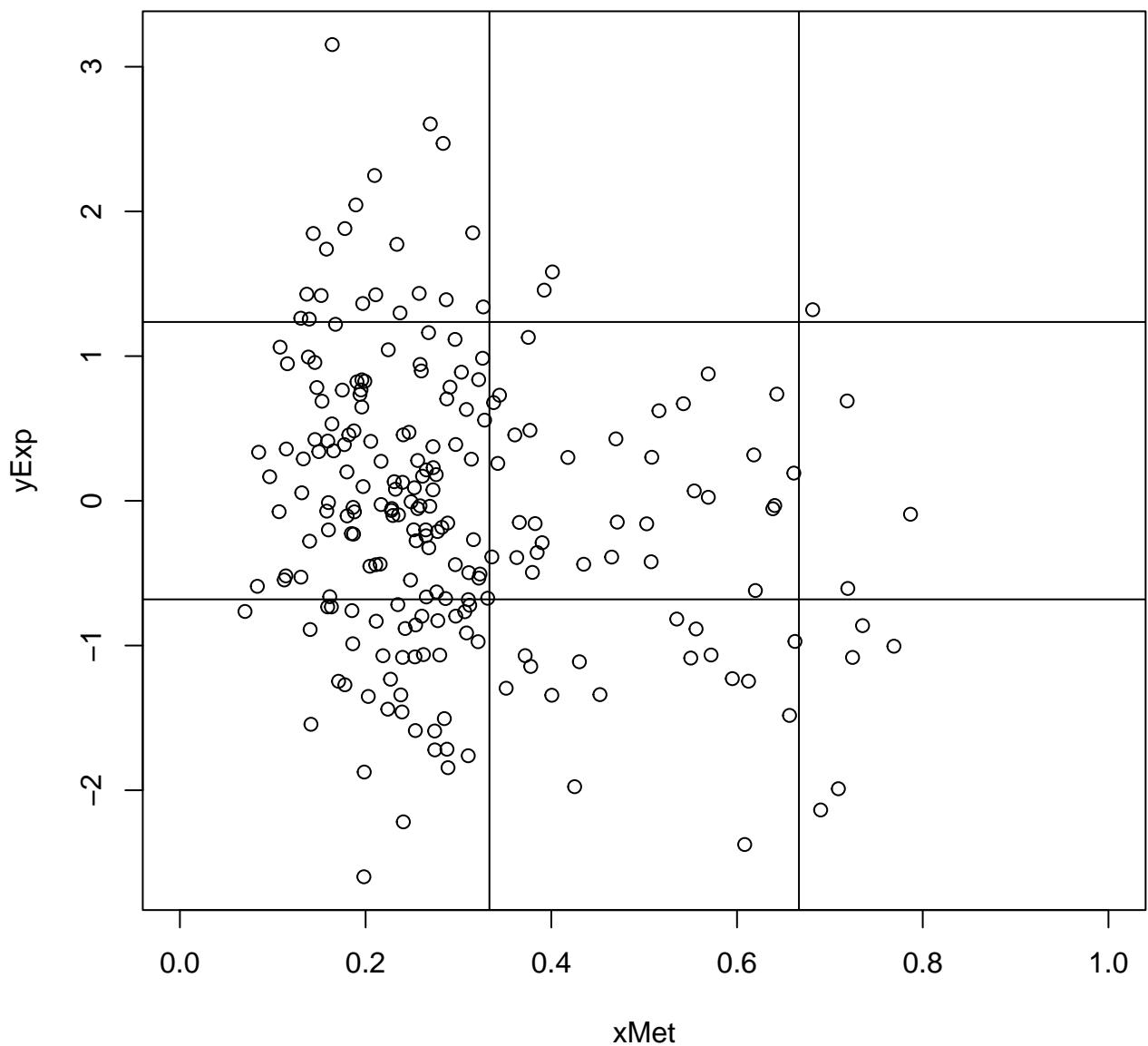
C2, 237



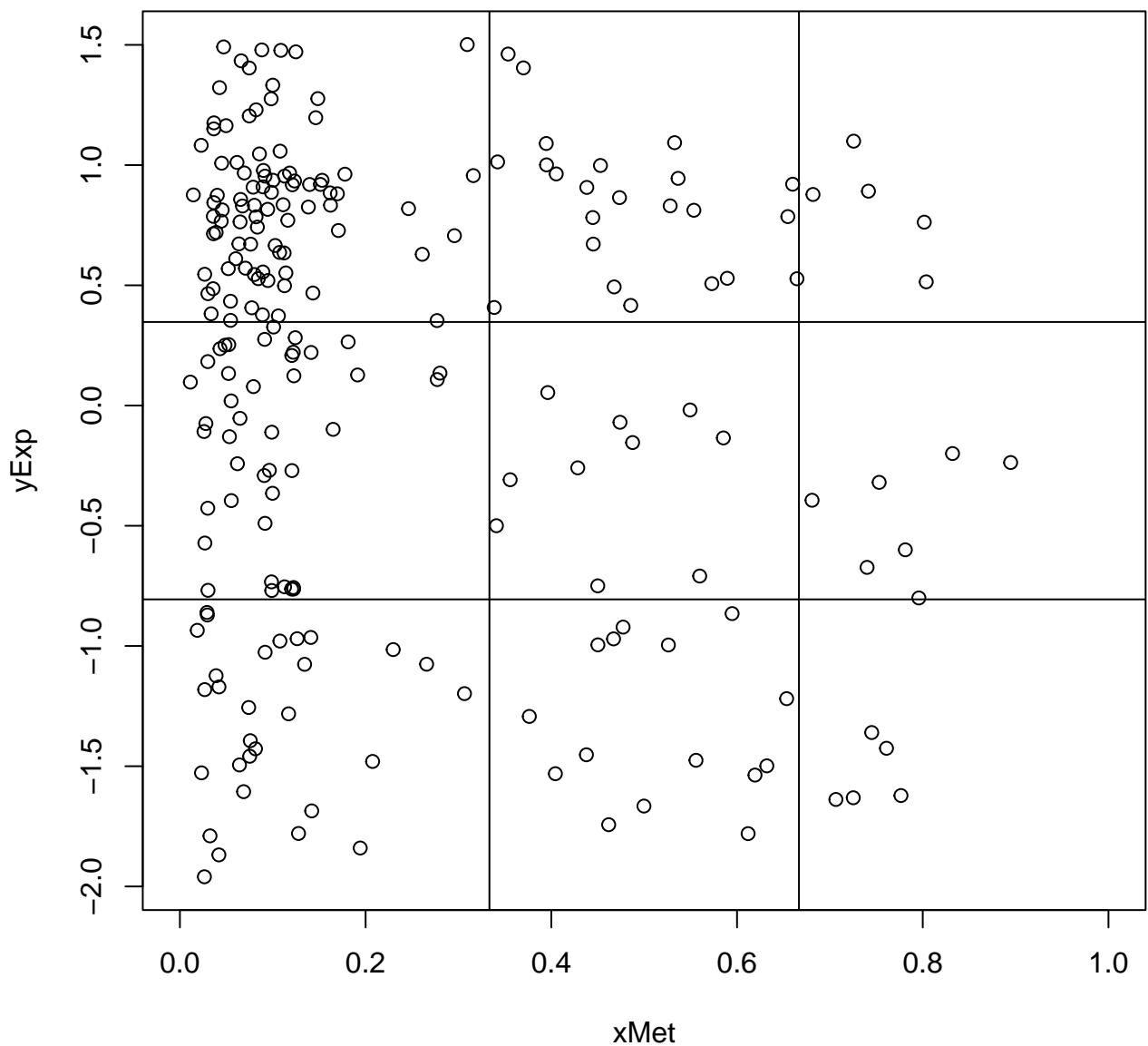
C3orf14, -60.8



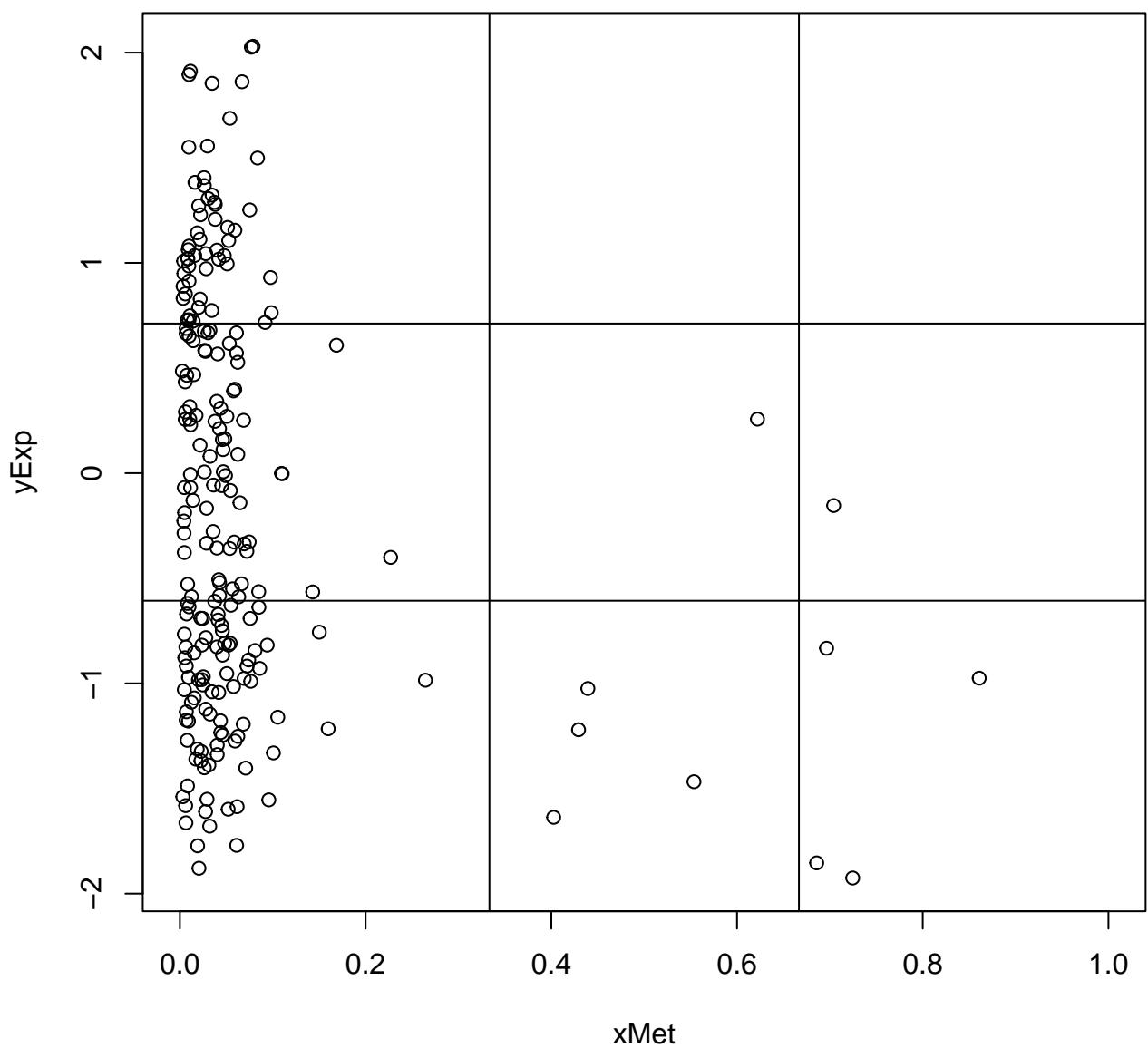
C4orf33, 155.4



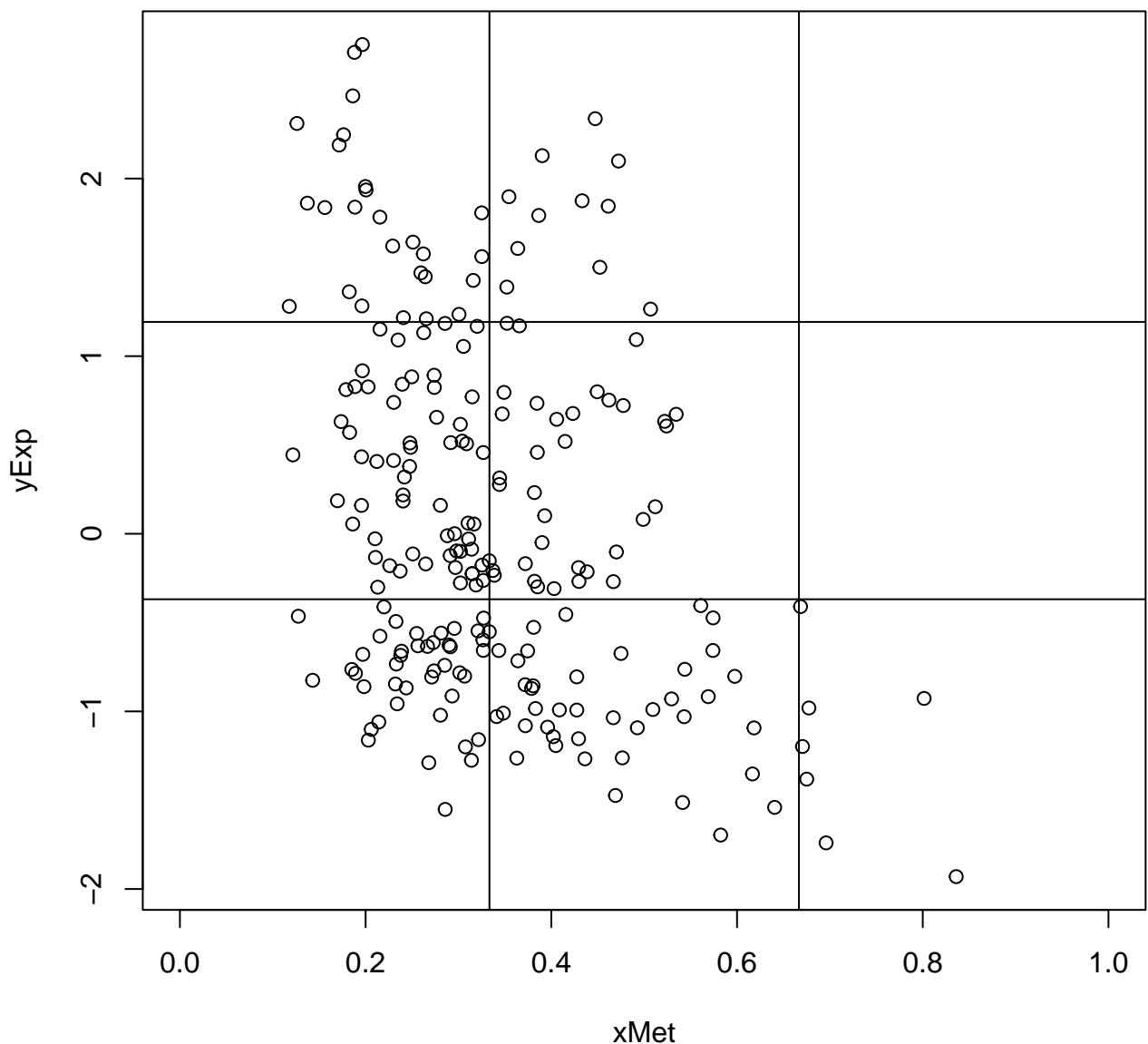
CA4, -12



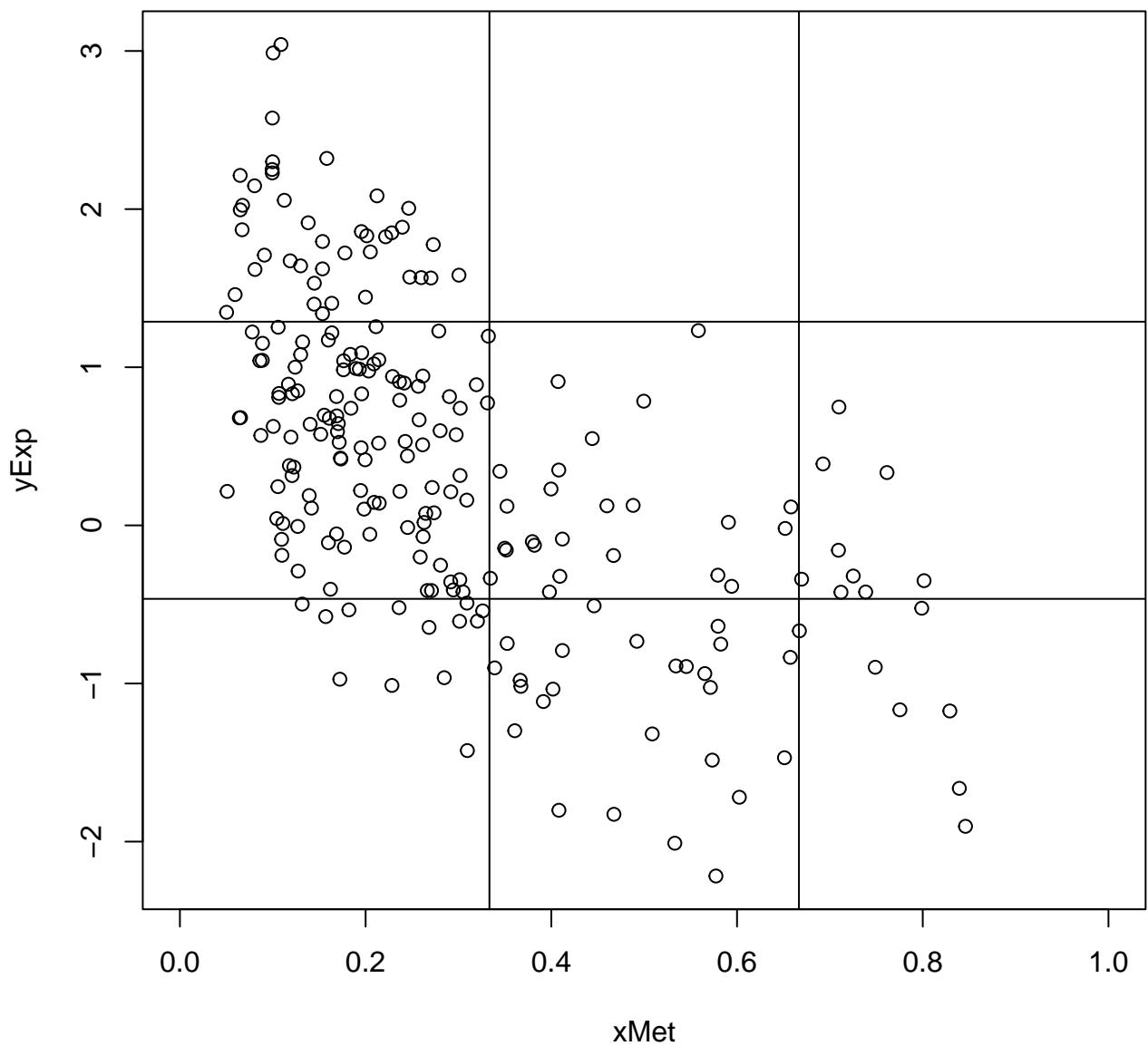
CA8, 277



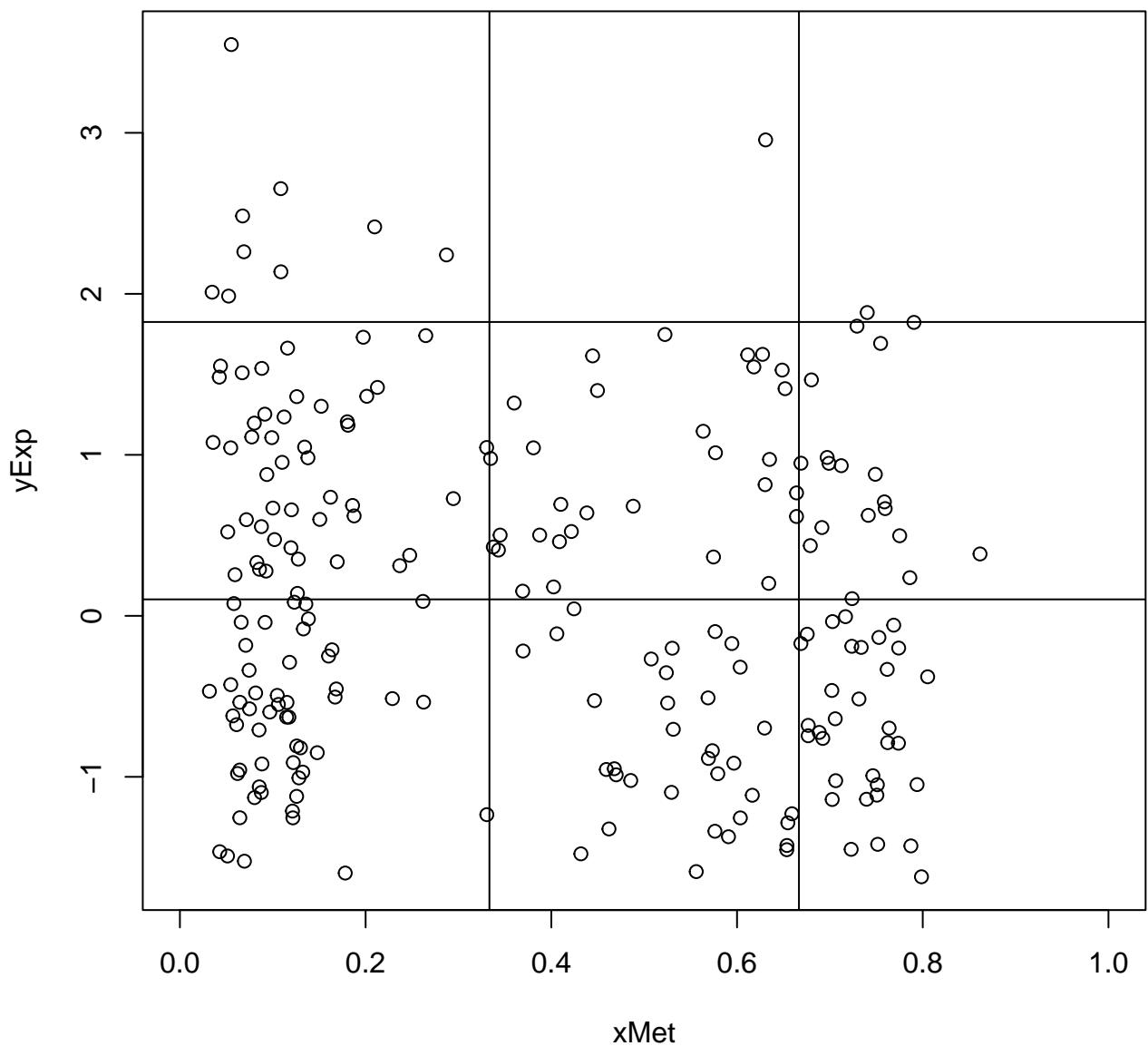
CA9, 189



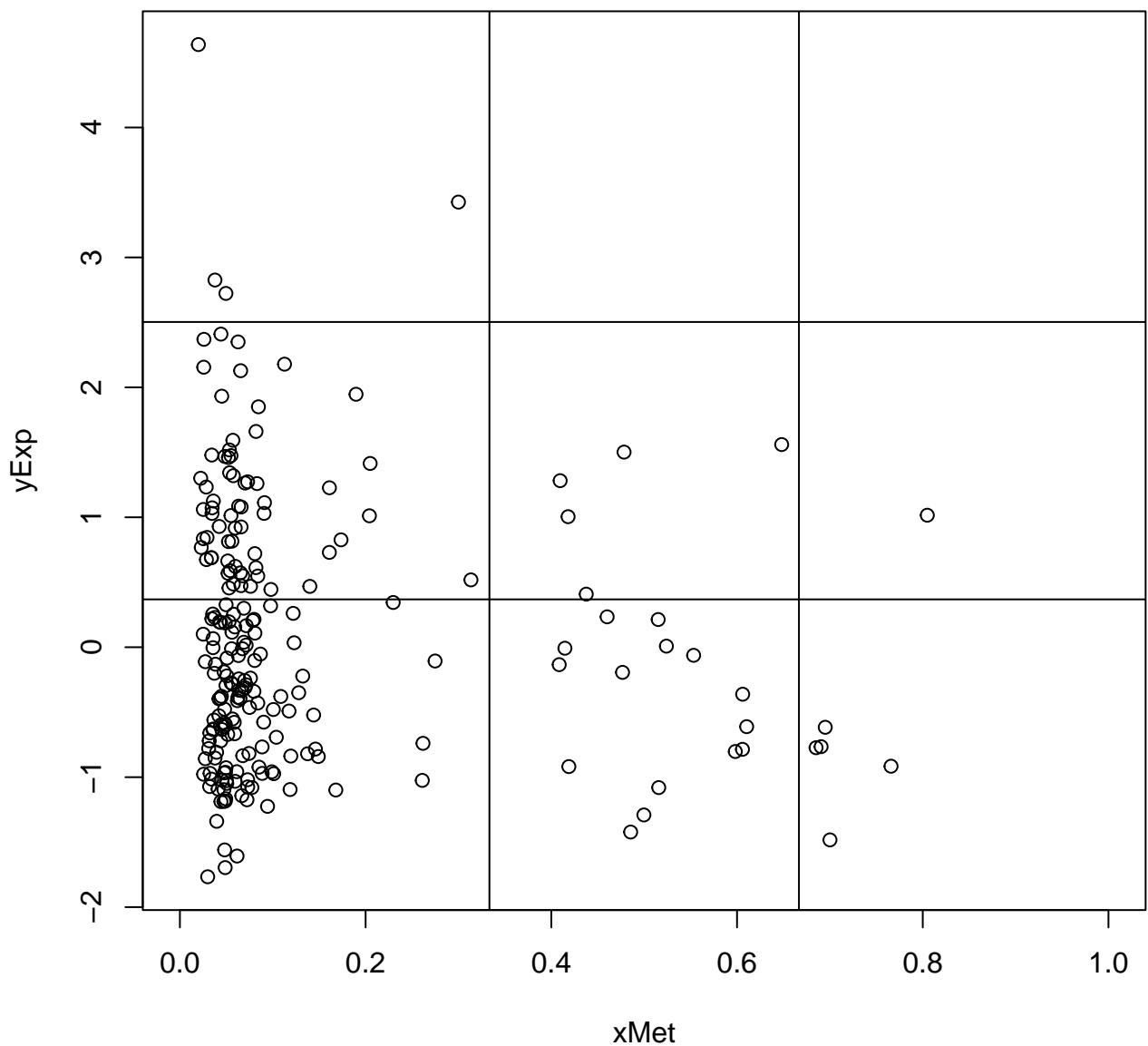
CAB39L, 220



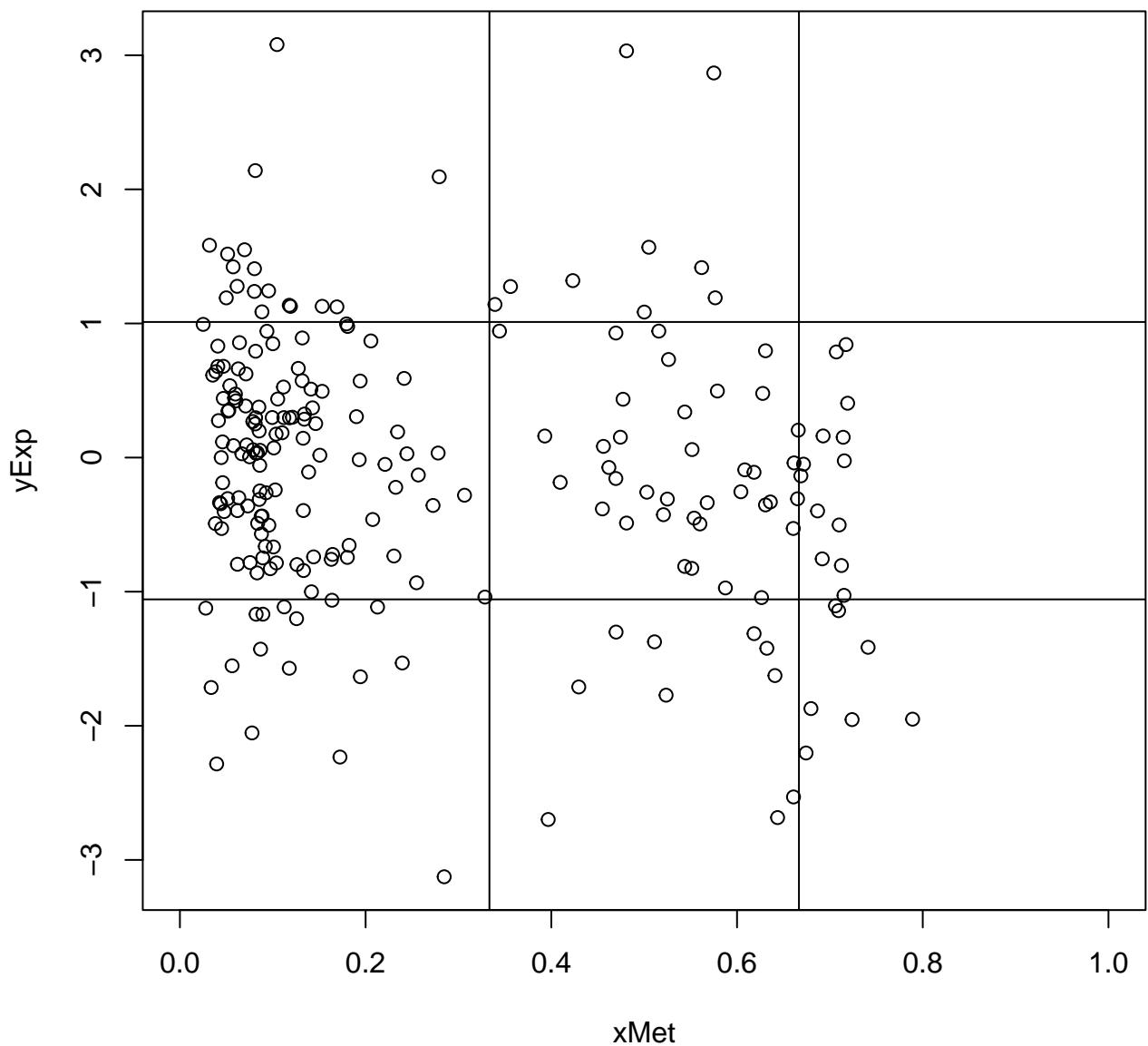
CABP7, 131.4



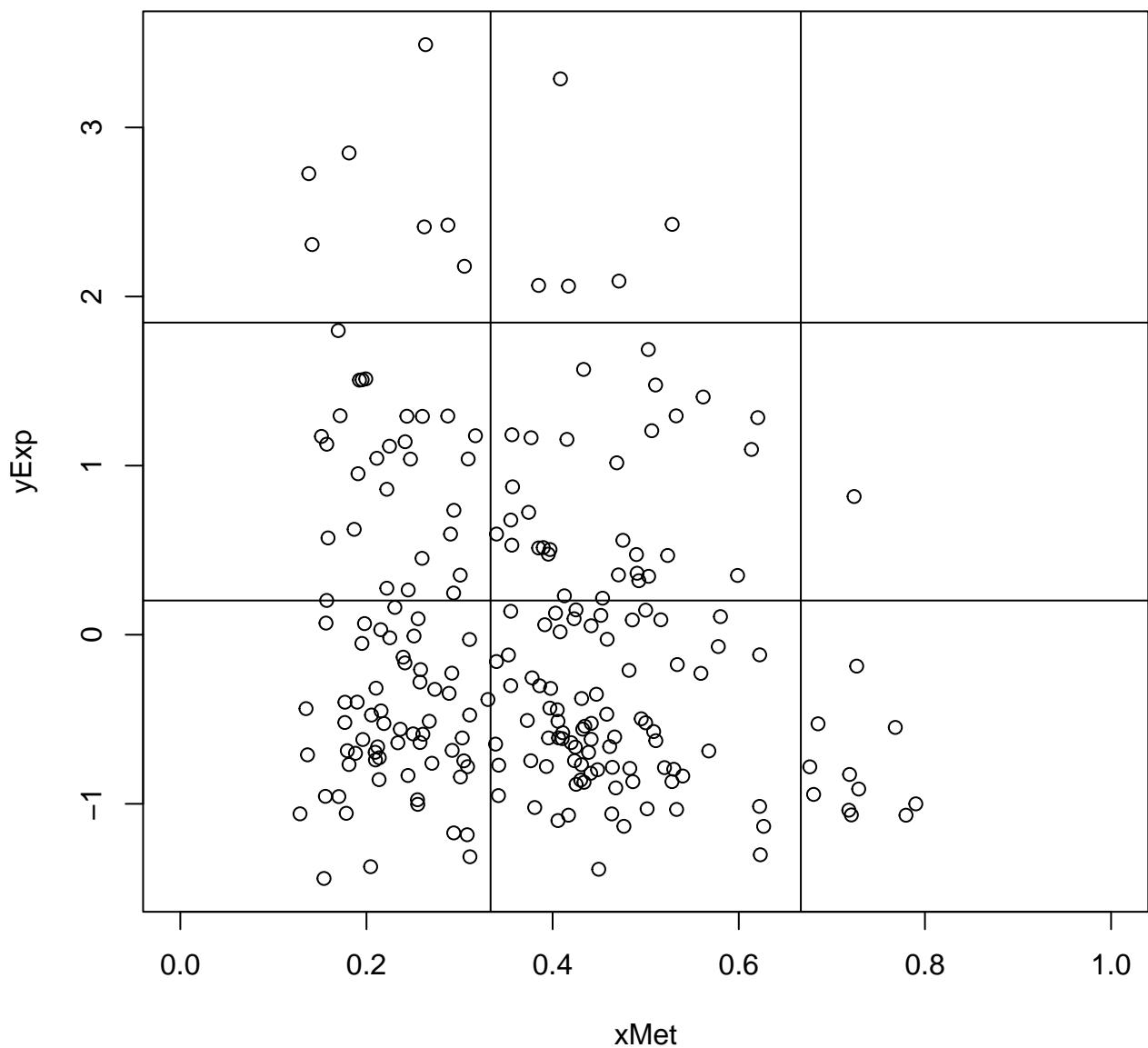
CACNA1C, 224



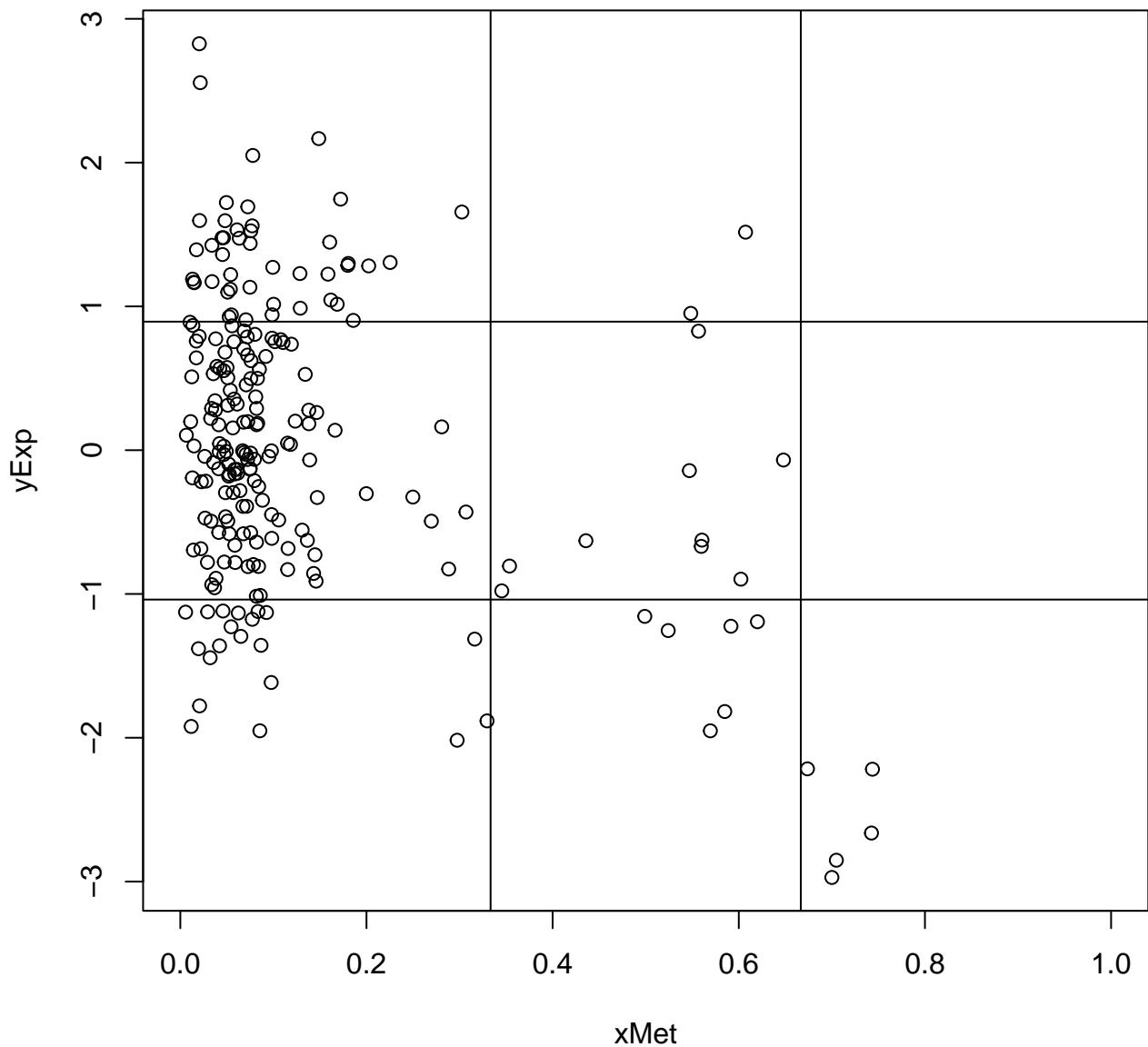
CACNA2D1, 144



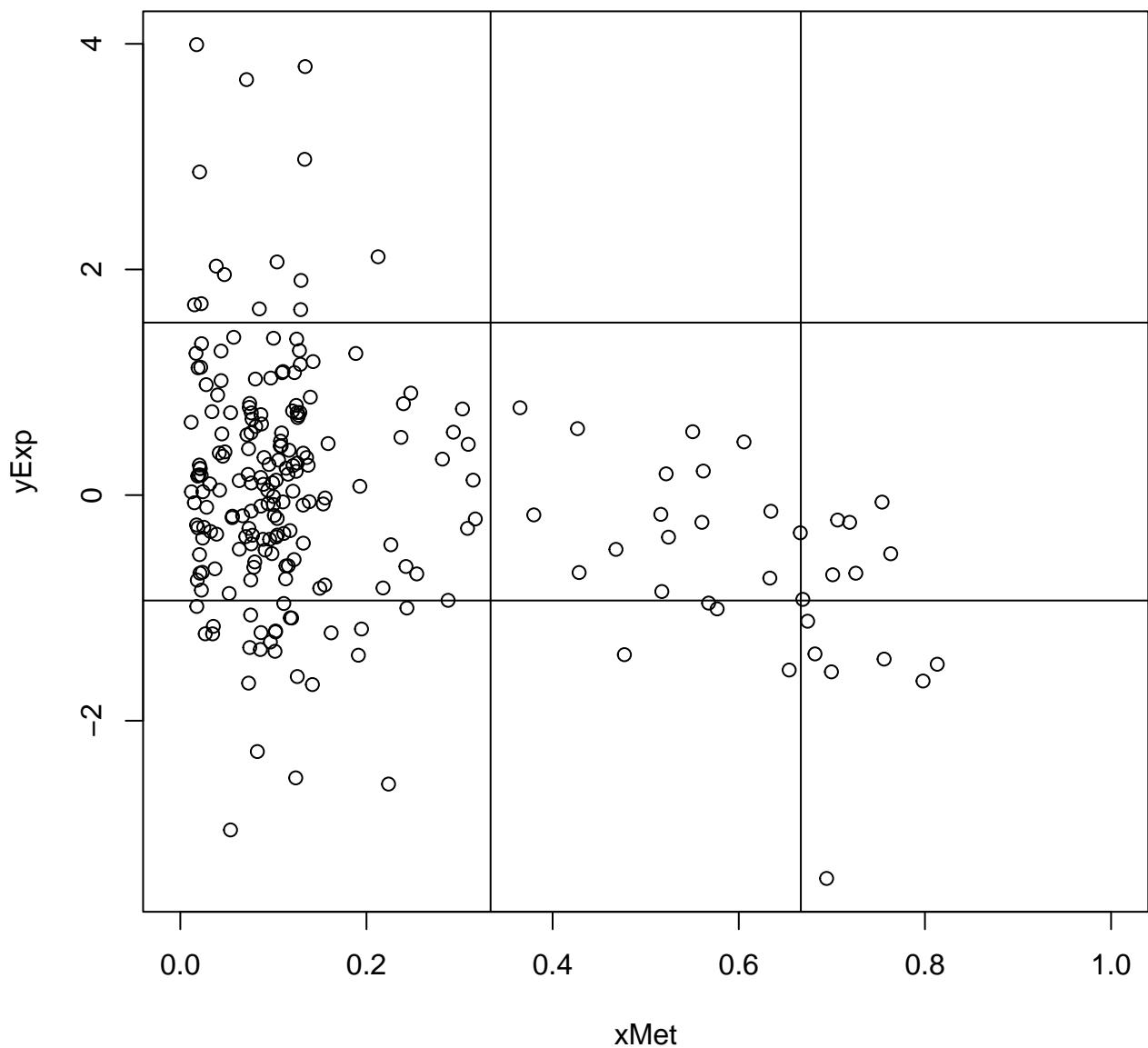
CACNA2D2, 192



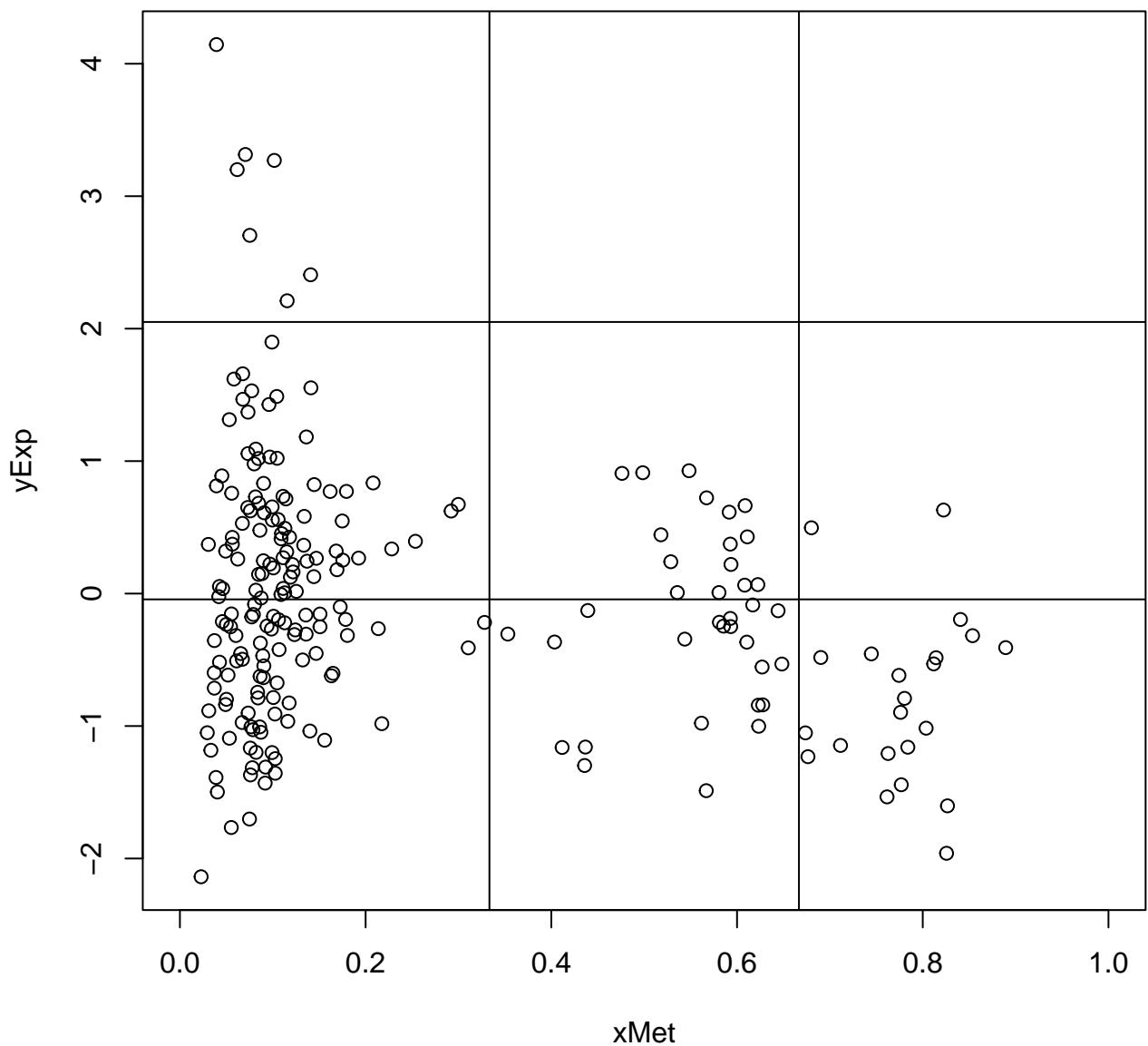
CACNB2, 258



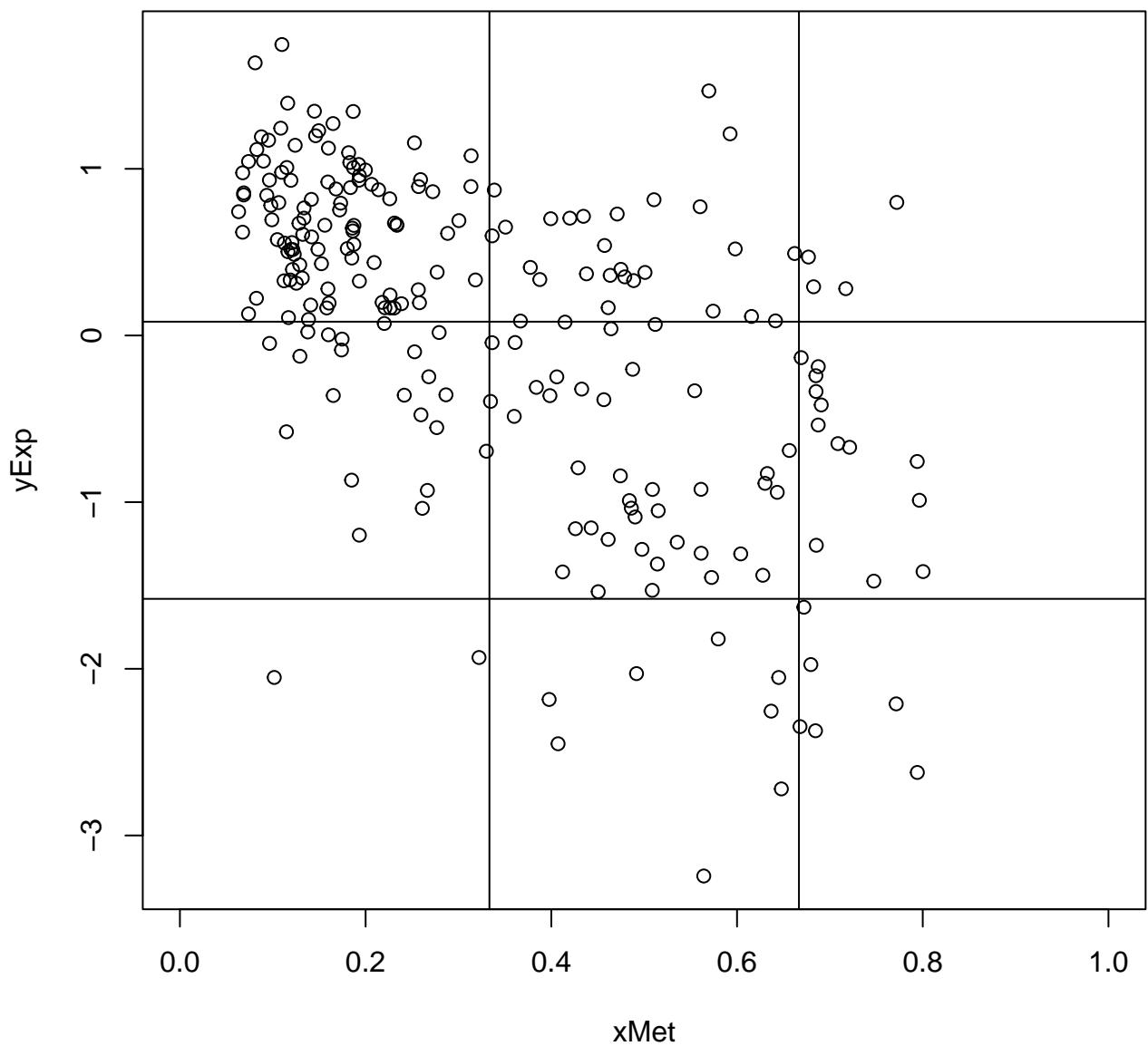
CACNB4, 207



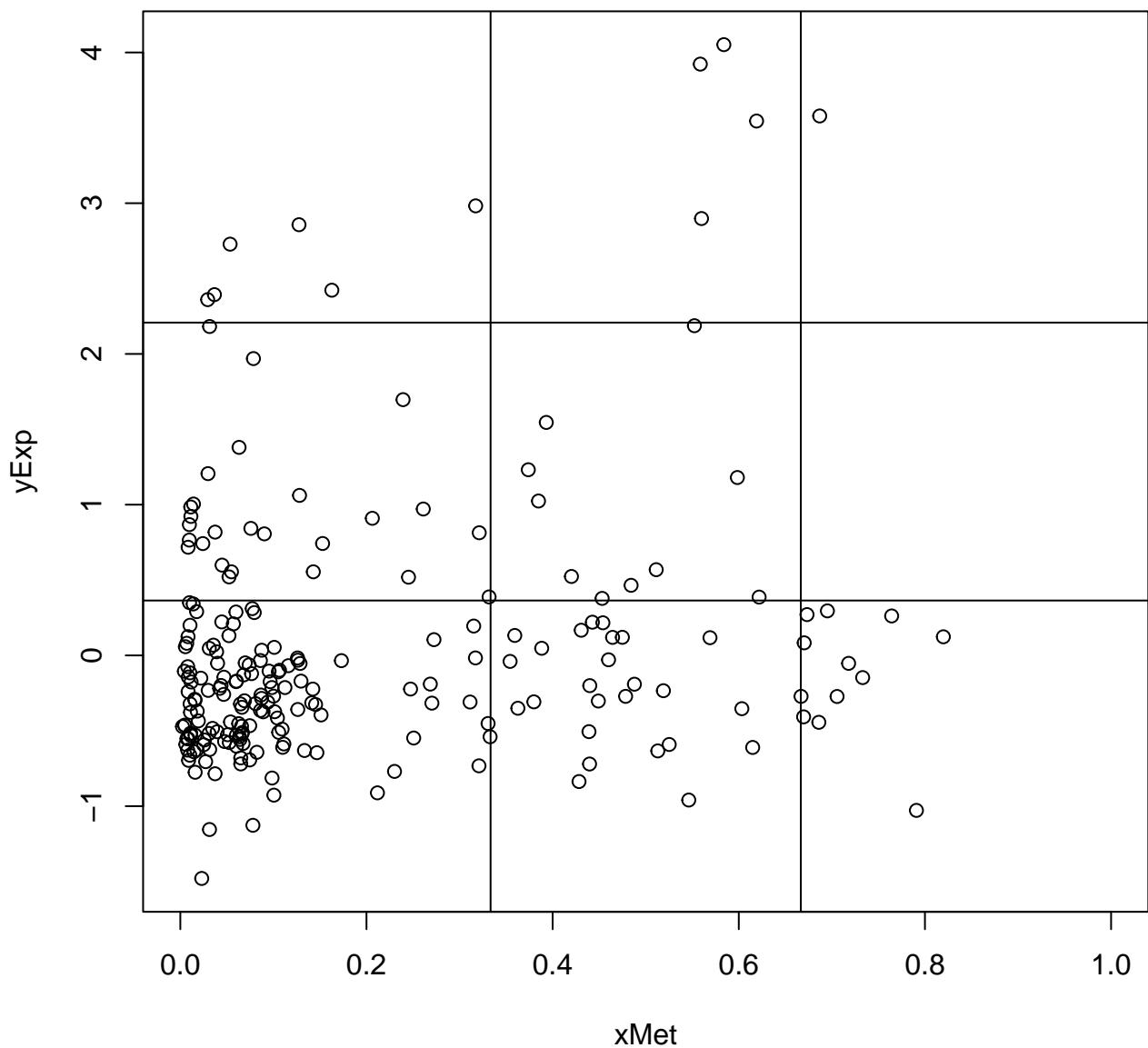
CADM1, 229



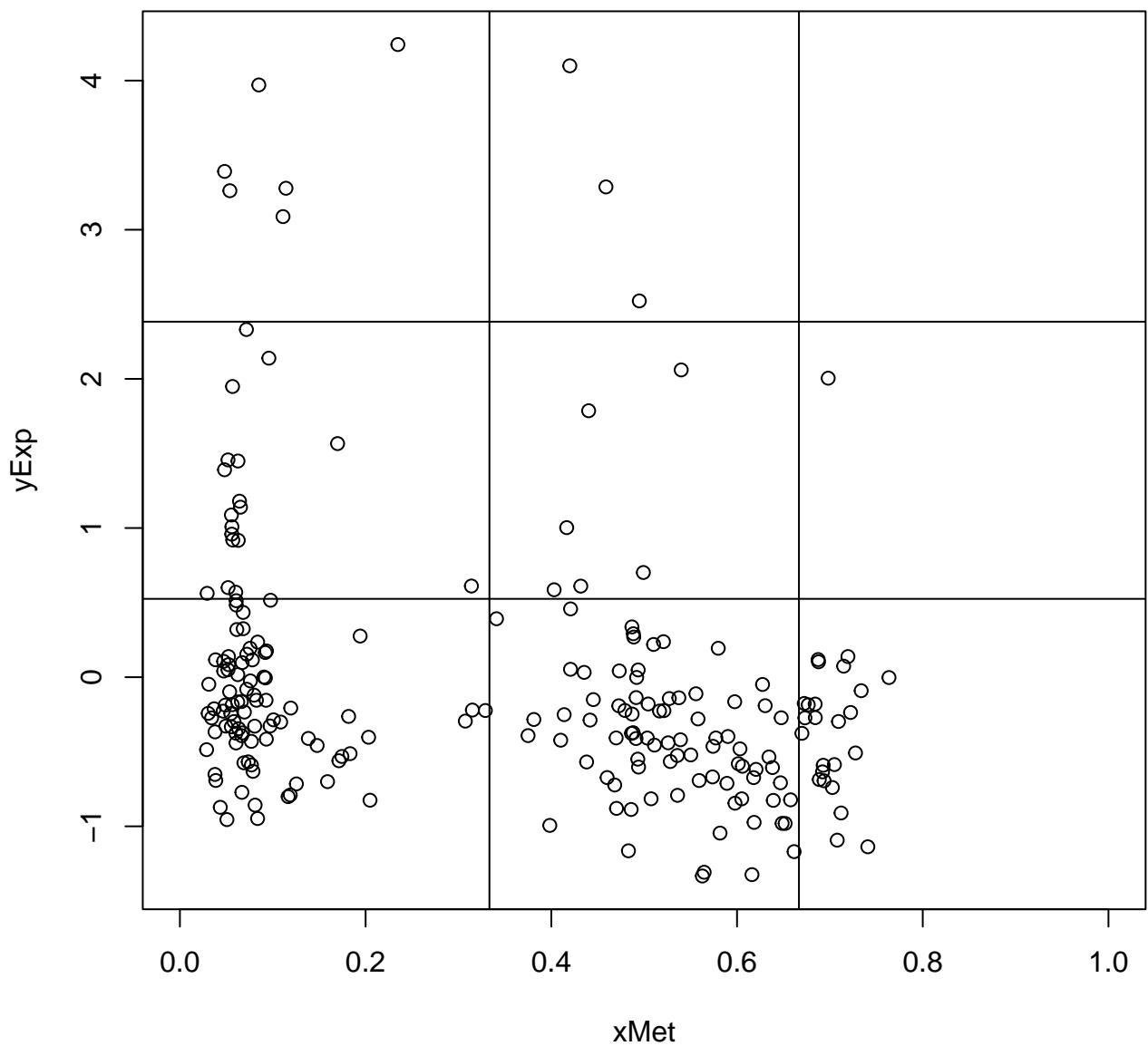
CADPS, -9.40000000000001



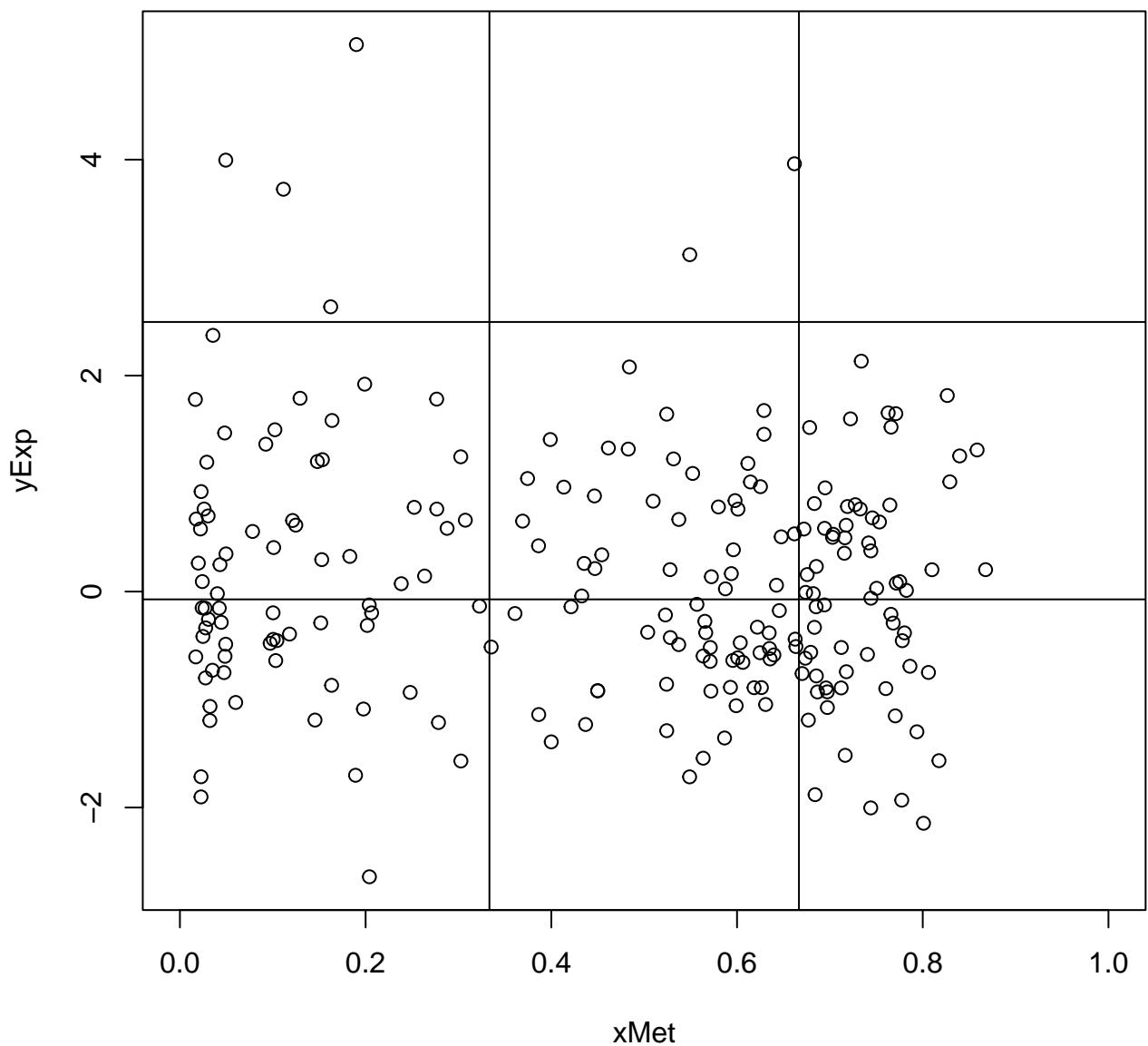
CALB1, 173.4



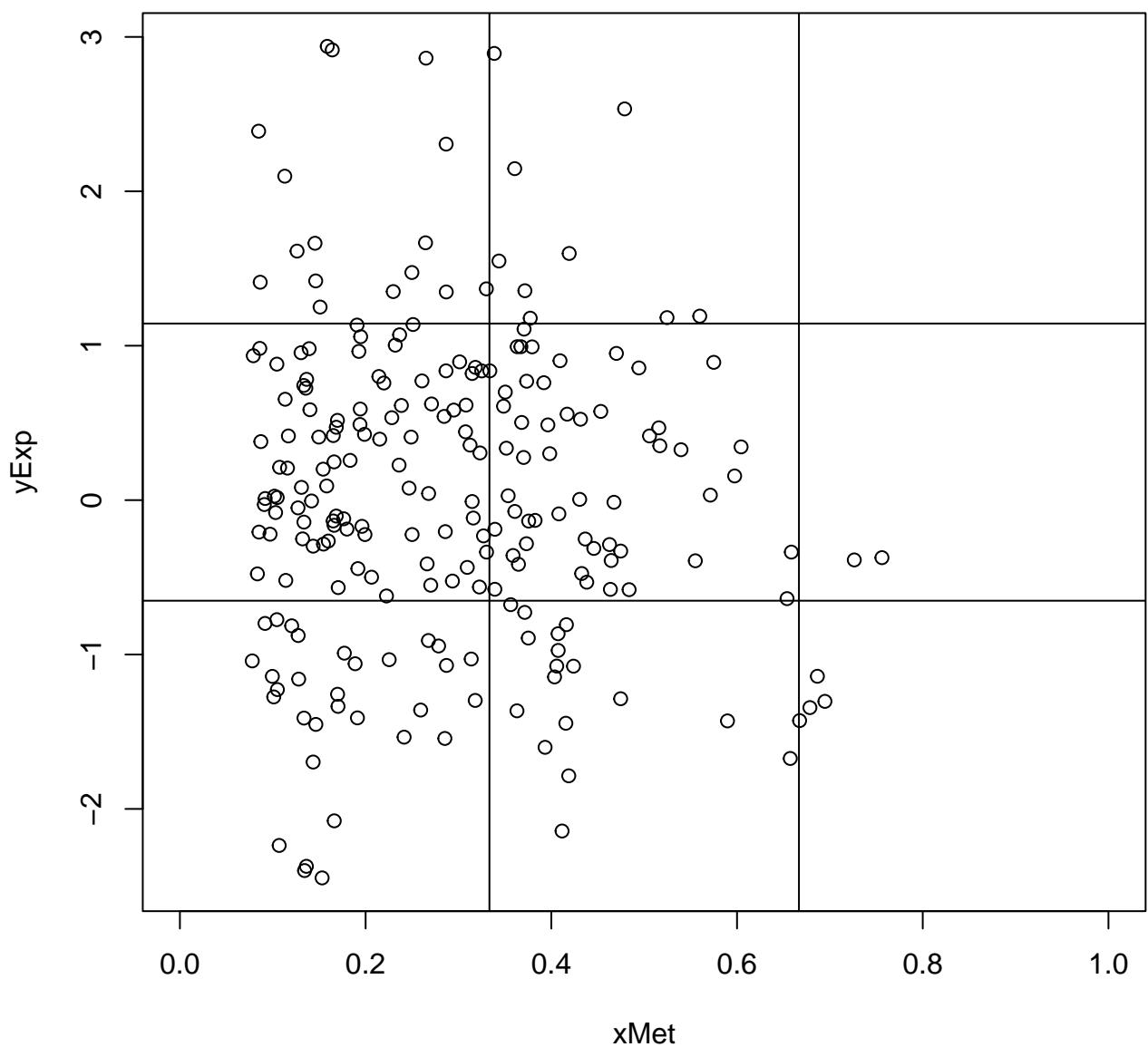
CALCB, 235



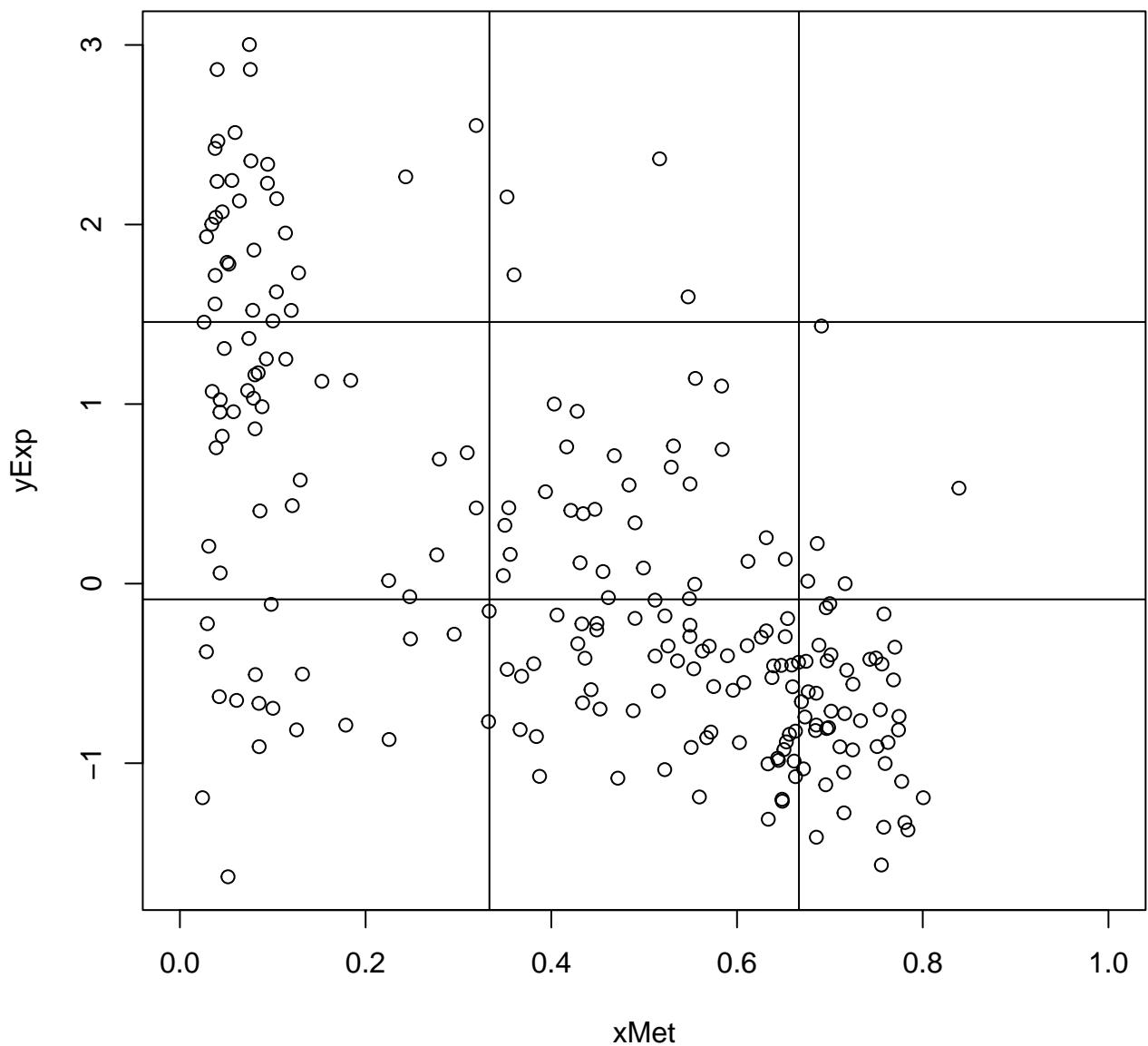
CAMK2B, 104



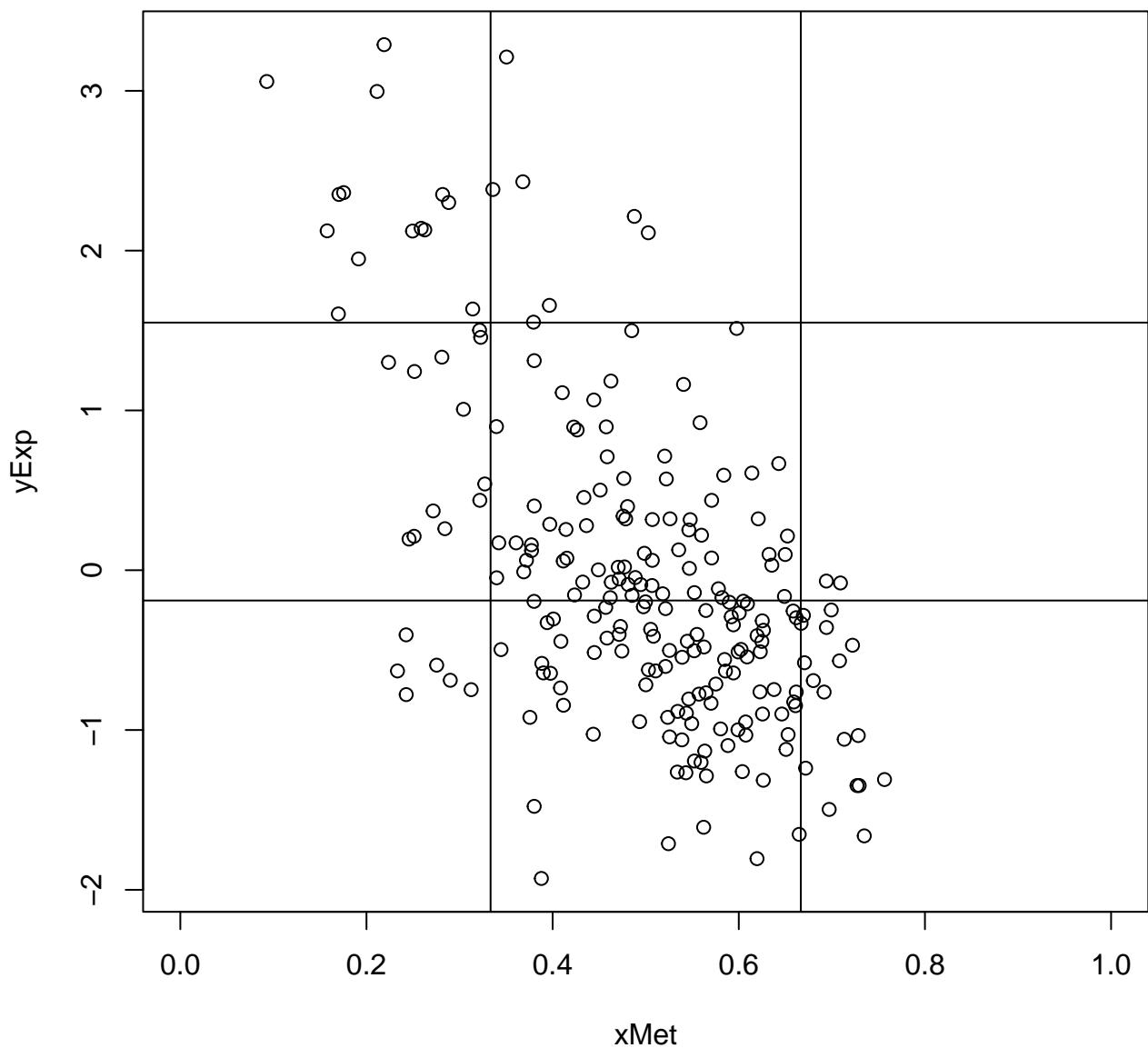
CAMK4, 158



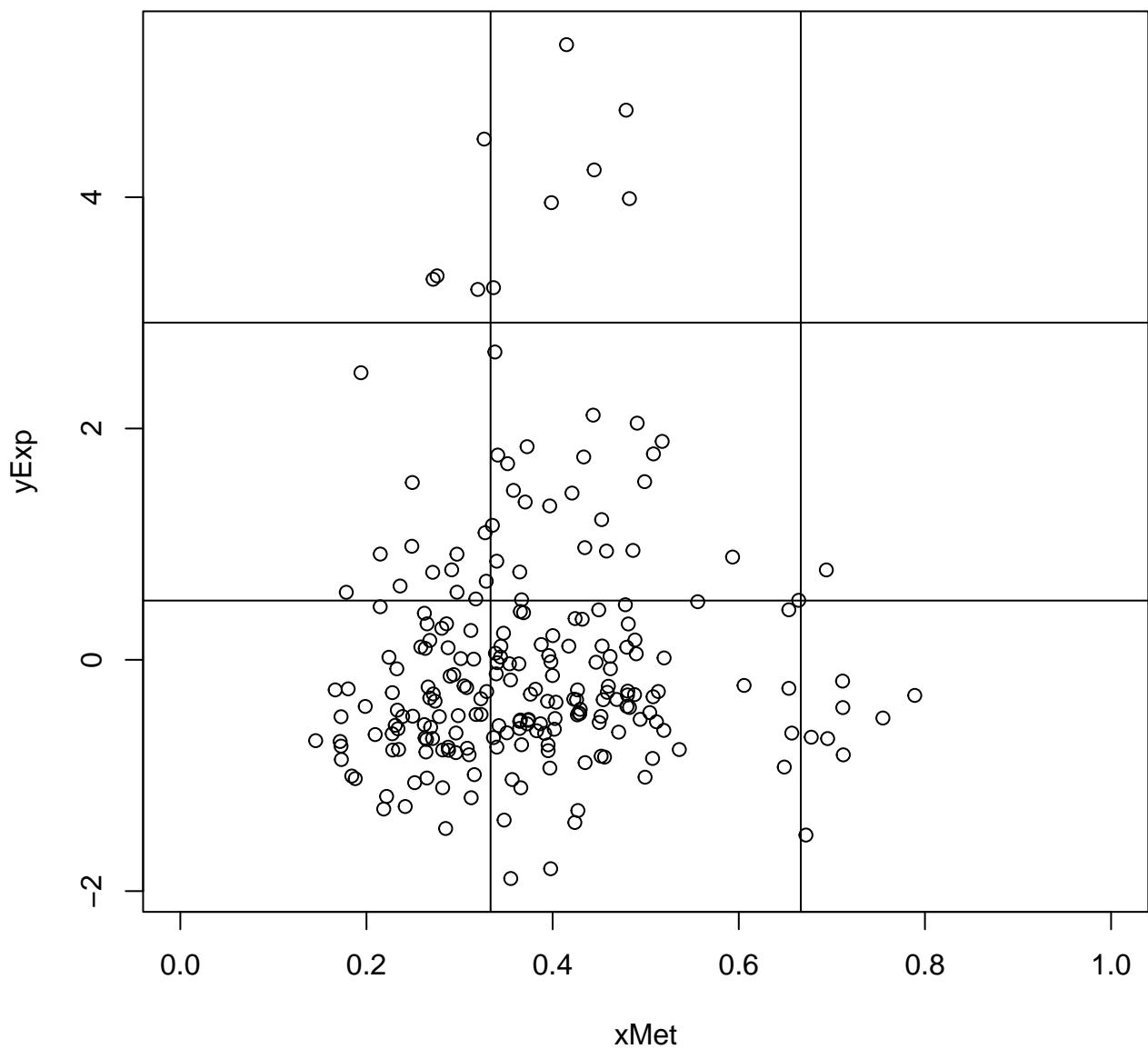
CARD11, 241



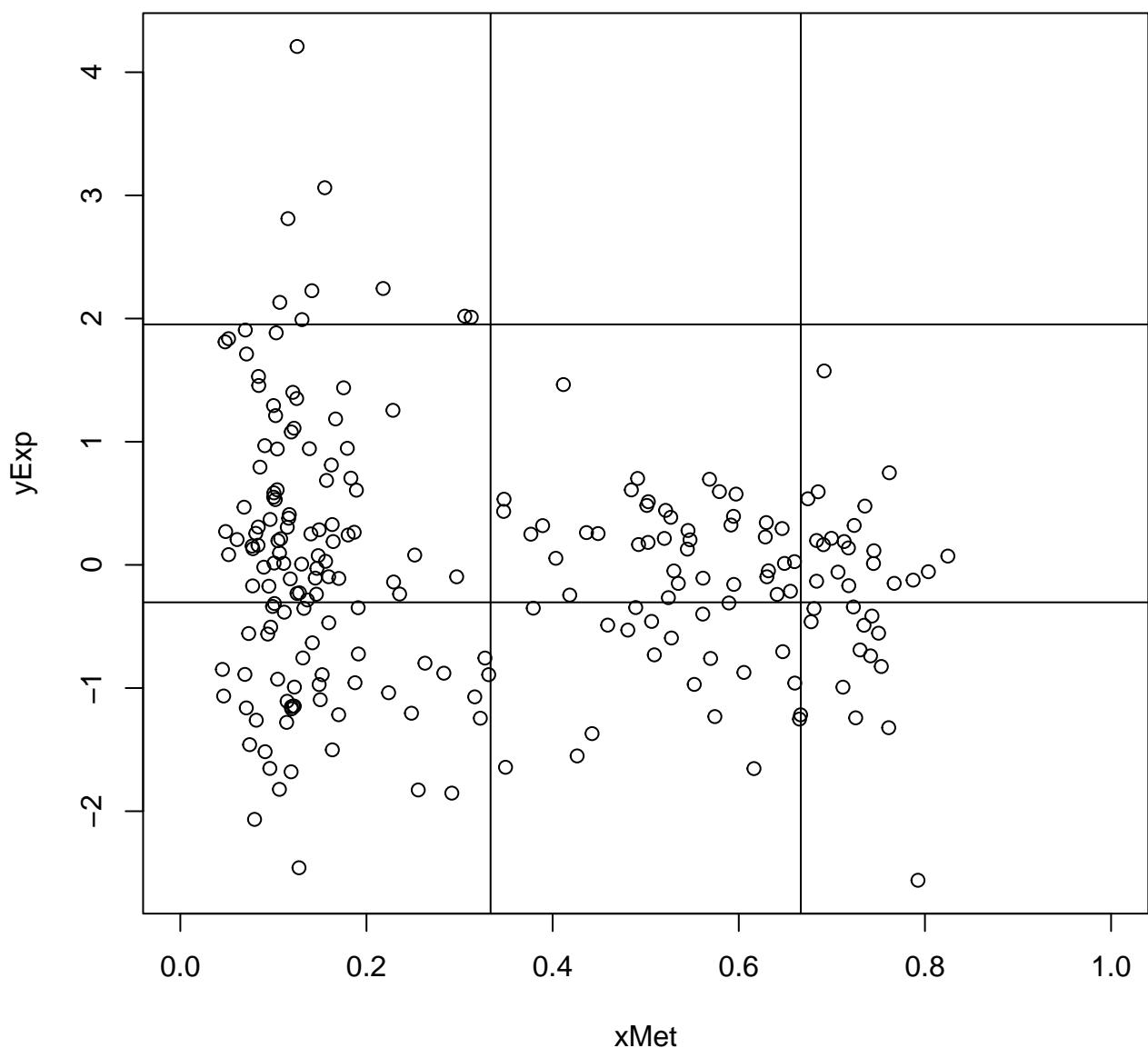
CARD9, 156



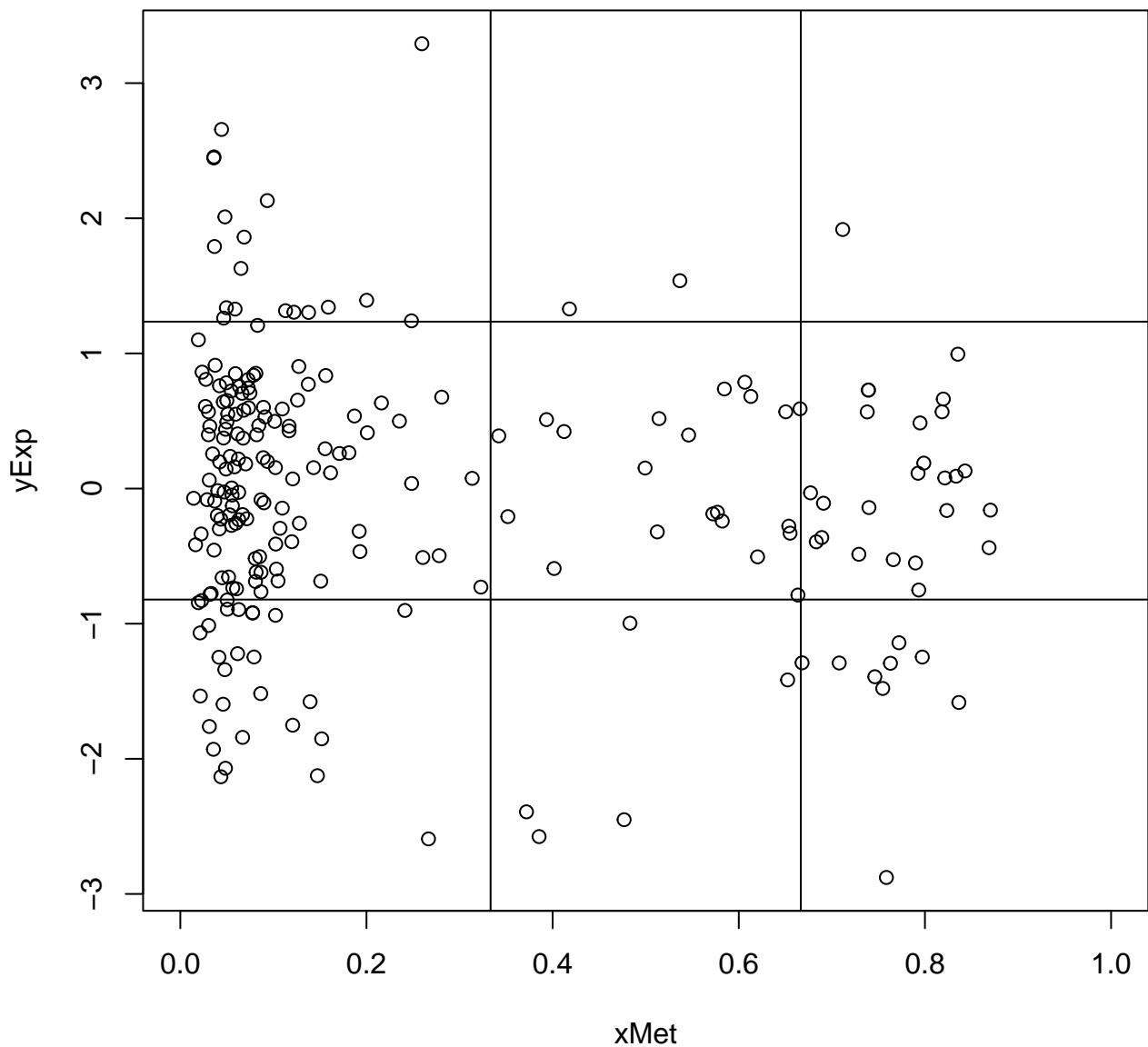
CASQ2, 190



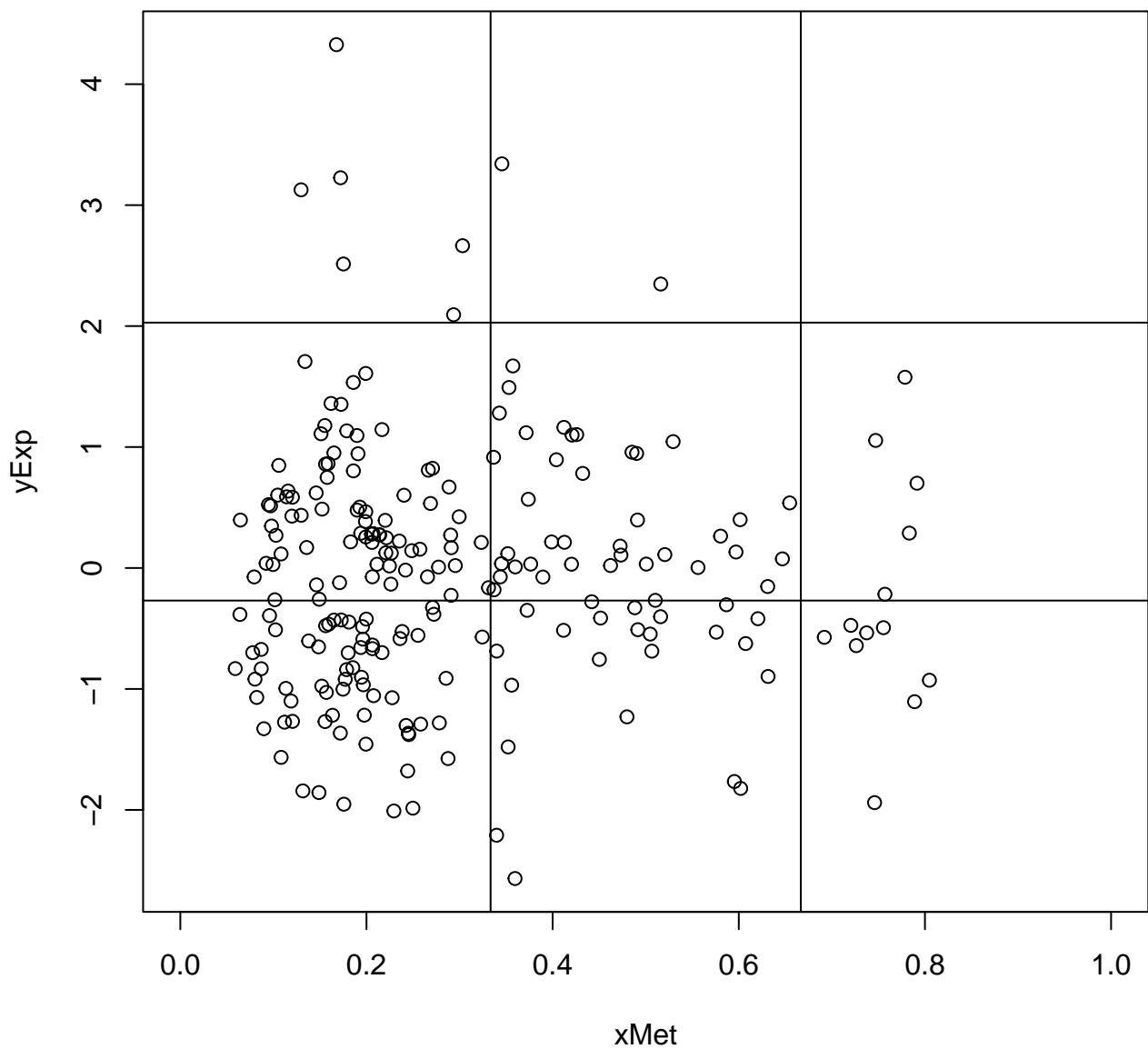
CBS, 145



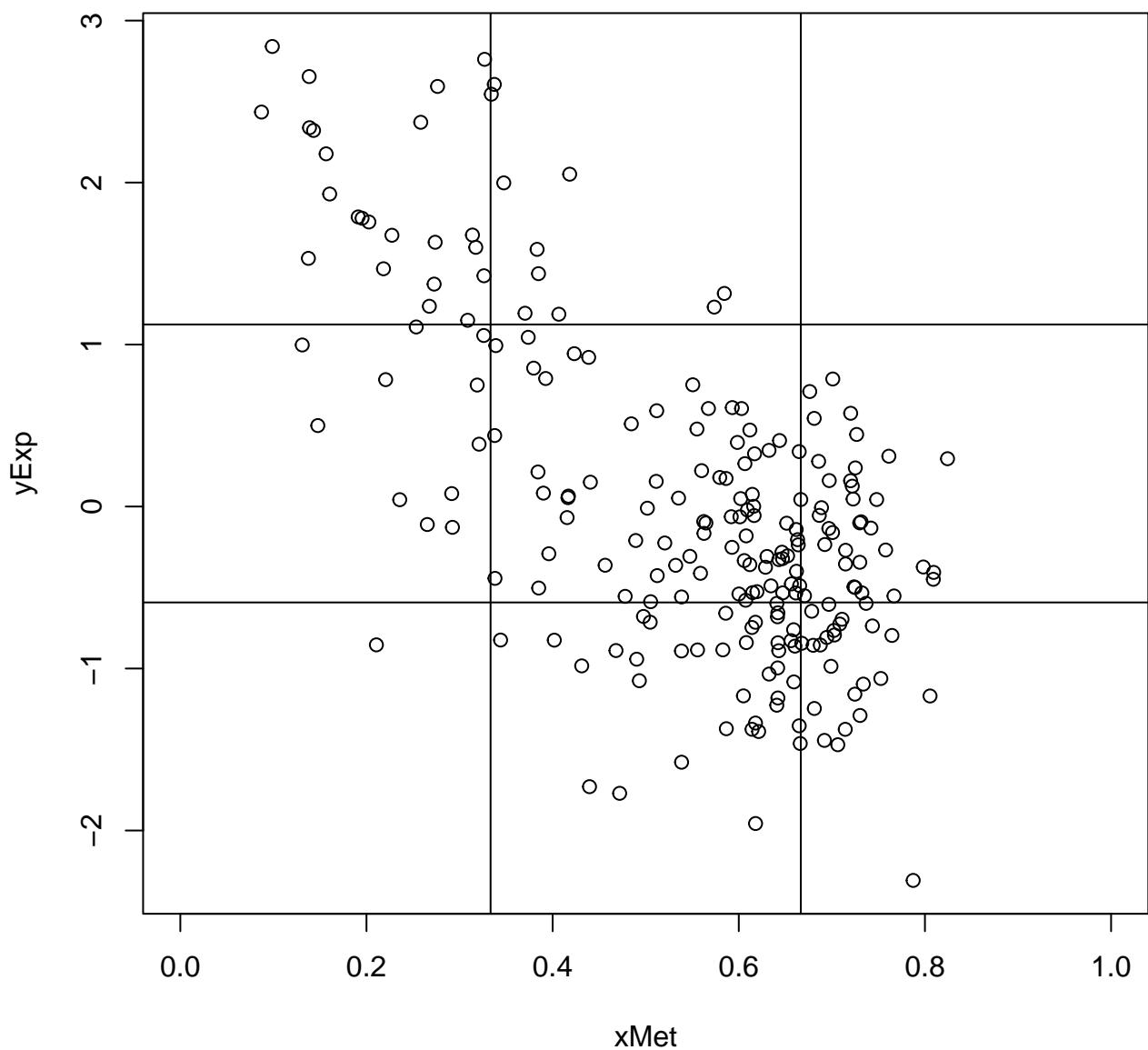
CCDC3, 105.4



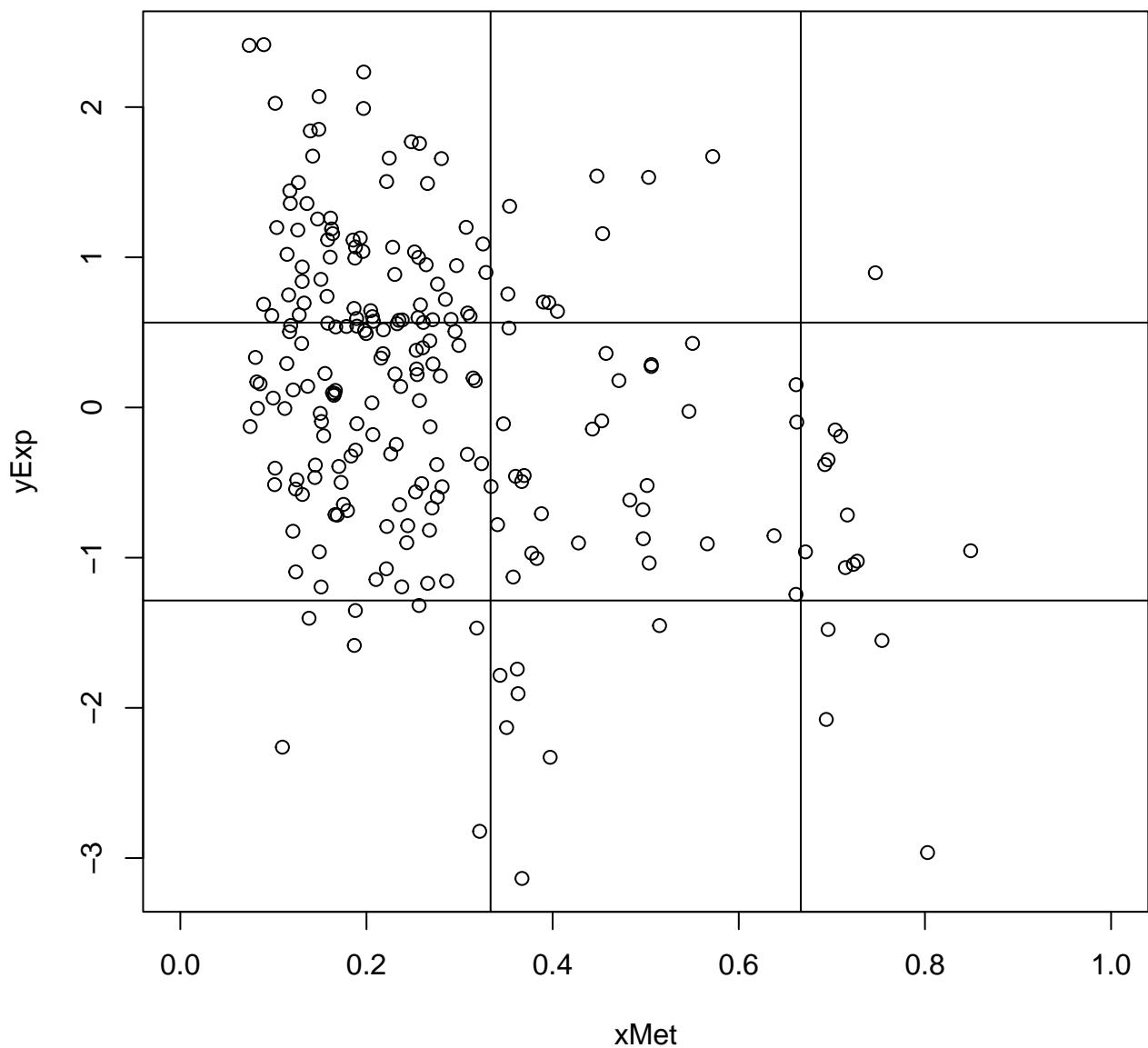
CCDC87, 178



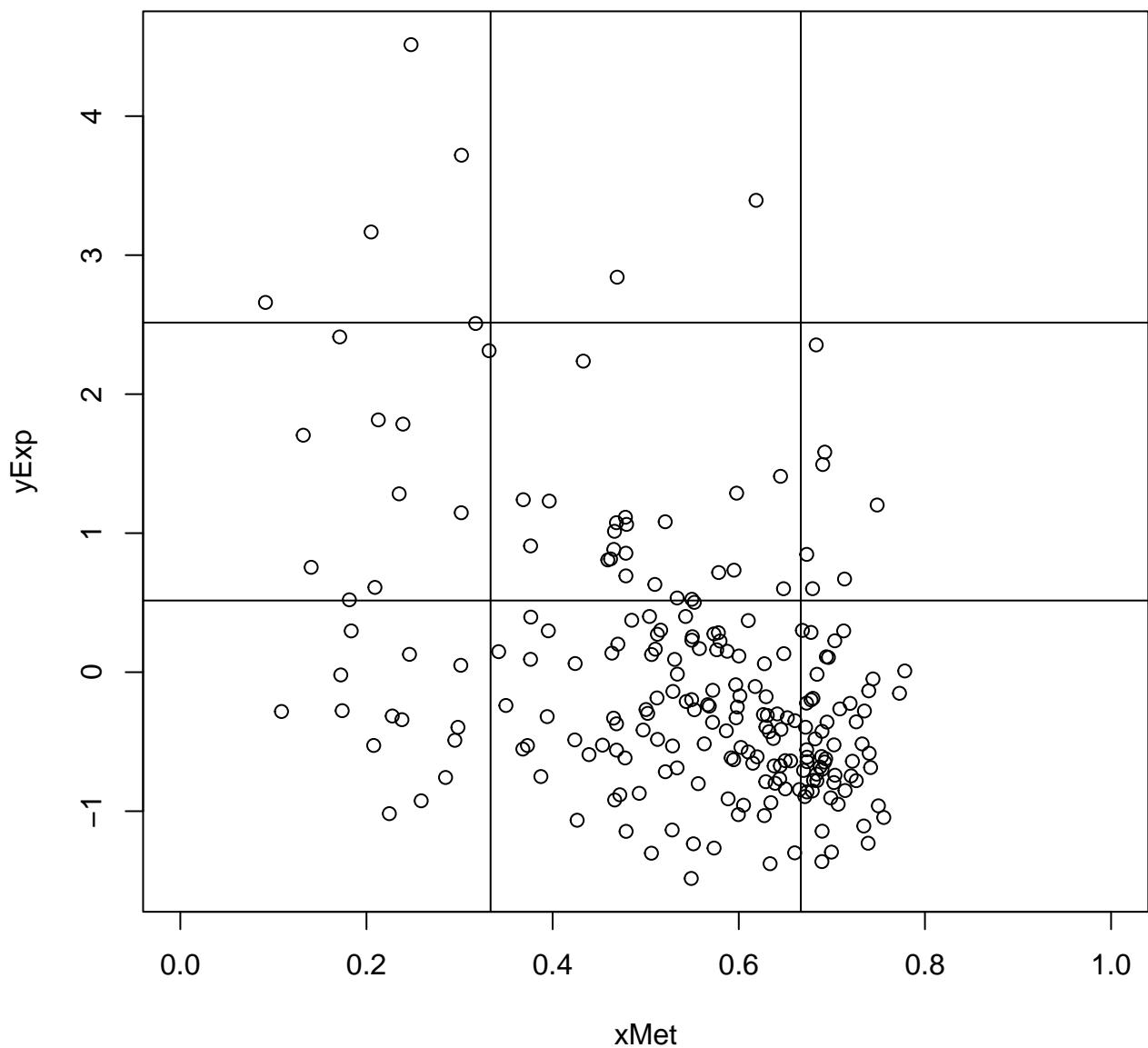
CCDC89, 57



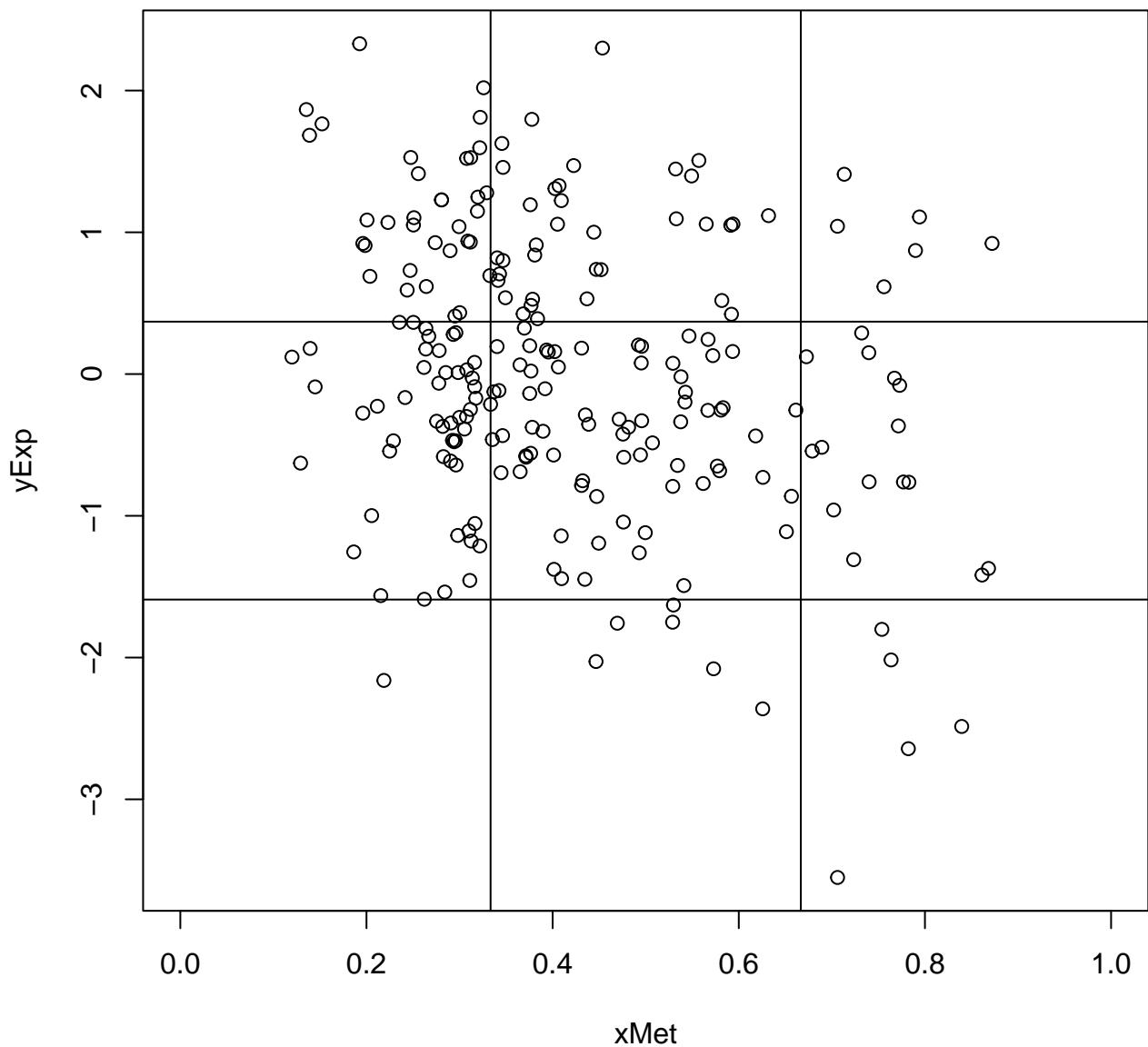
CCDC92, 161.4



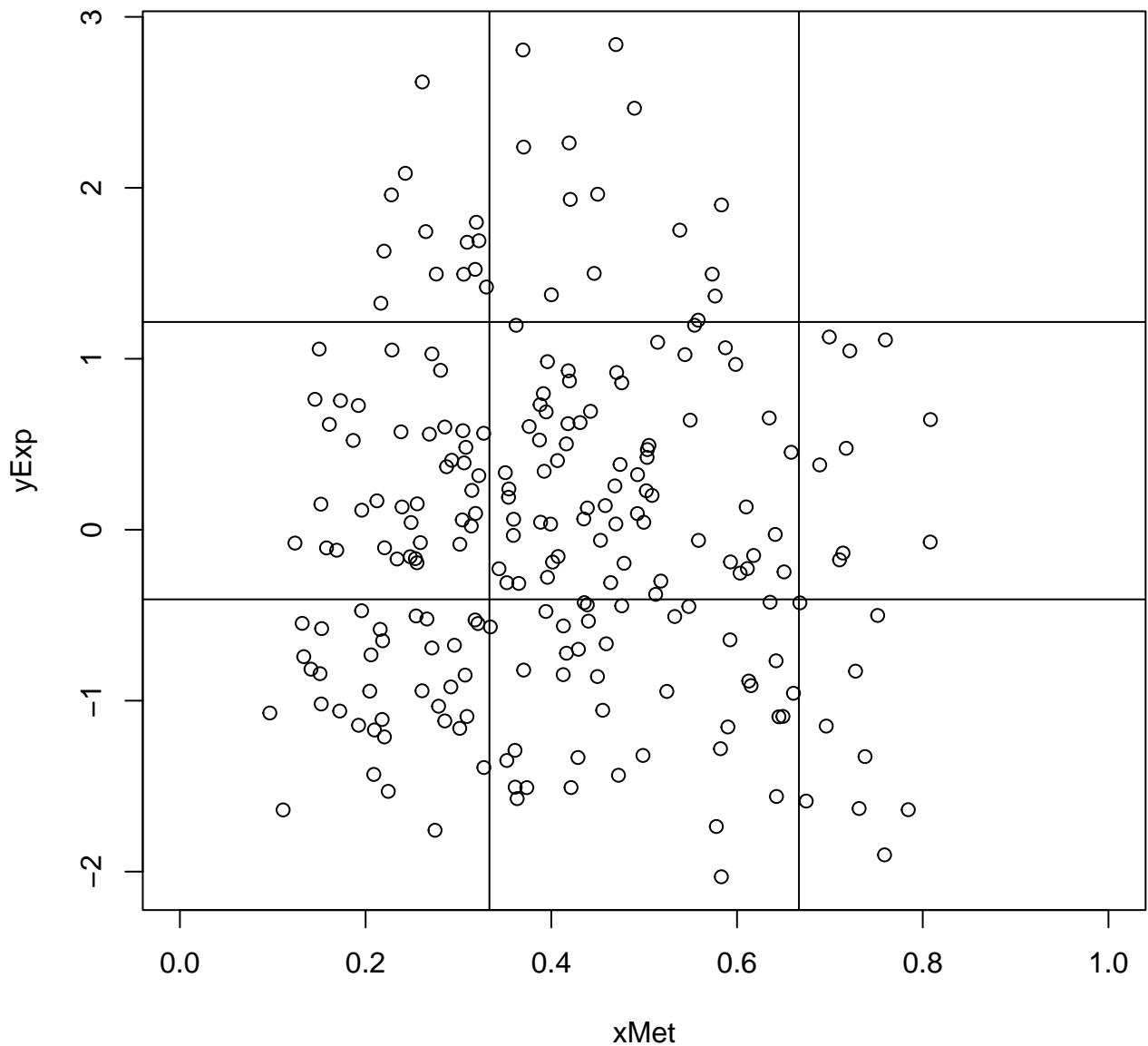
CCK, 234



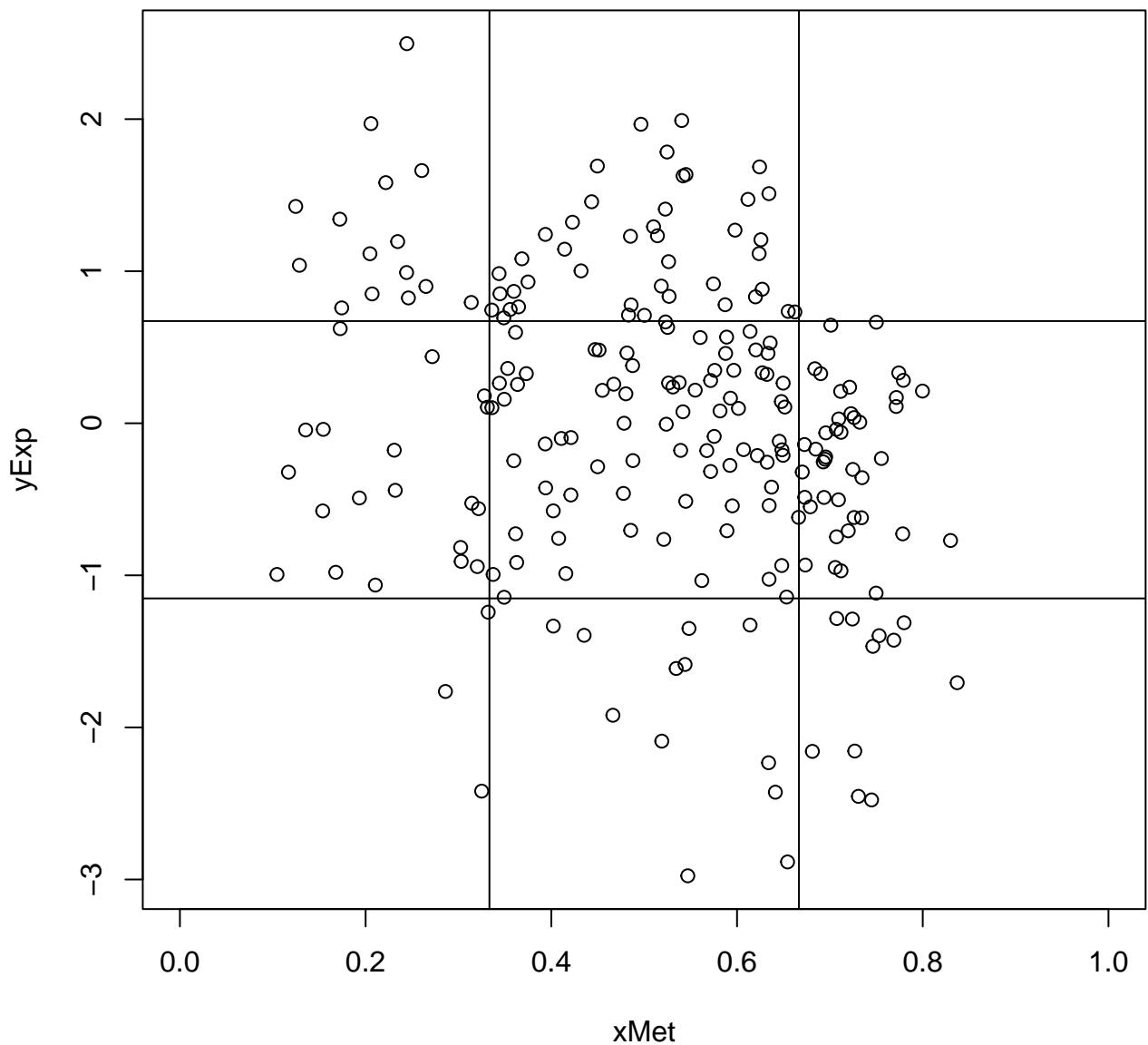
CCL20, -231.6



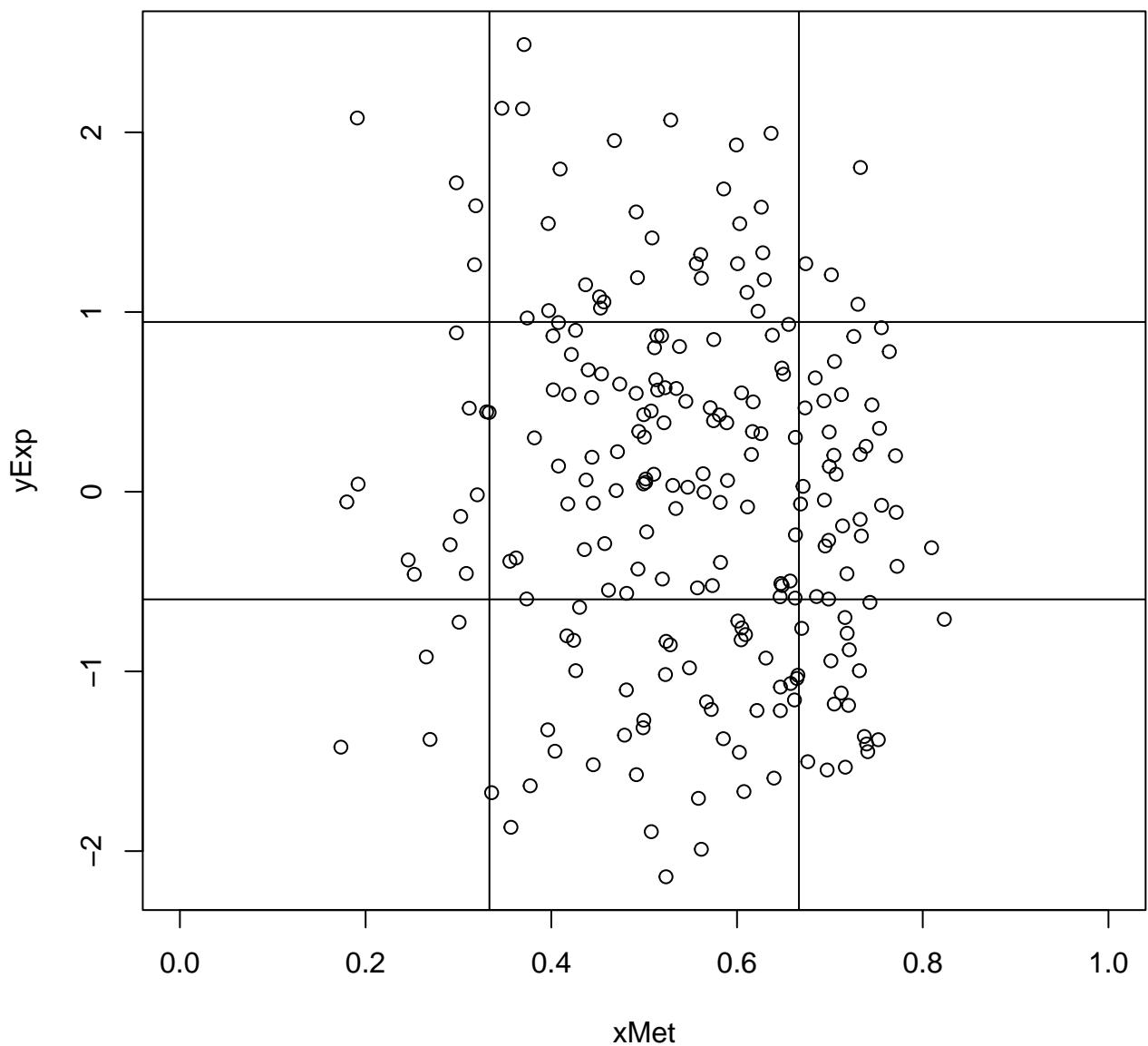
CCL21, 111



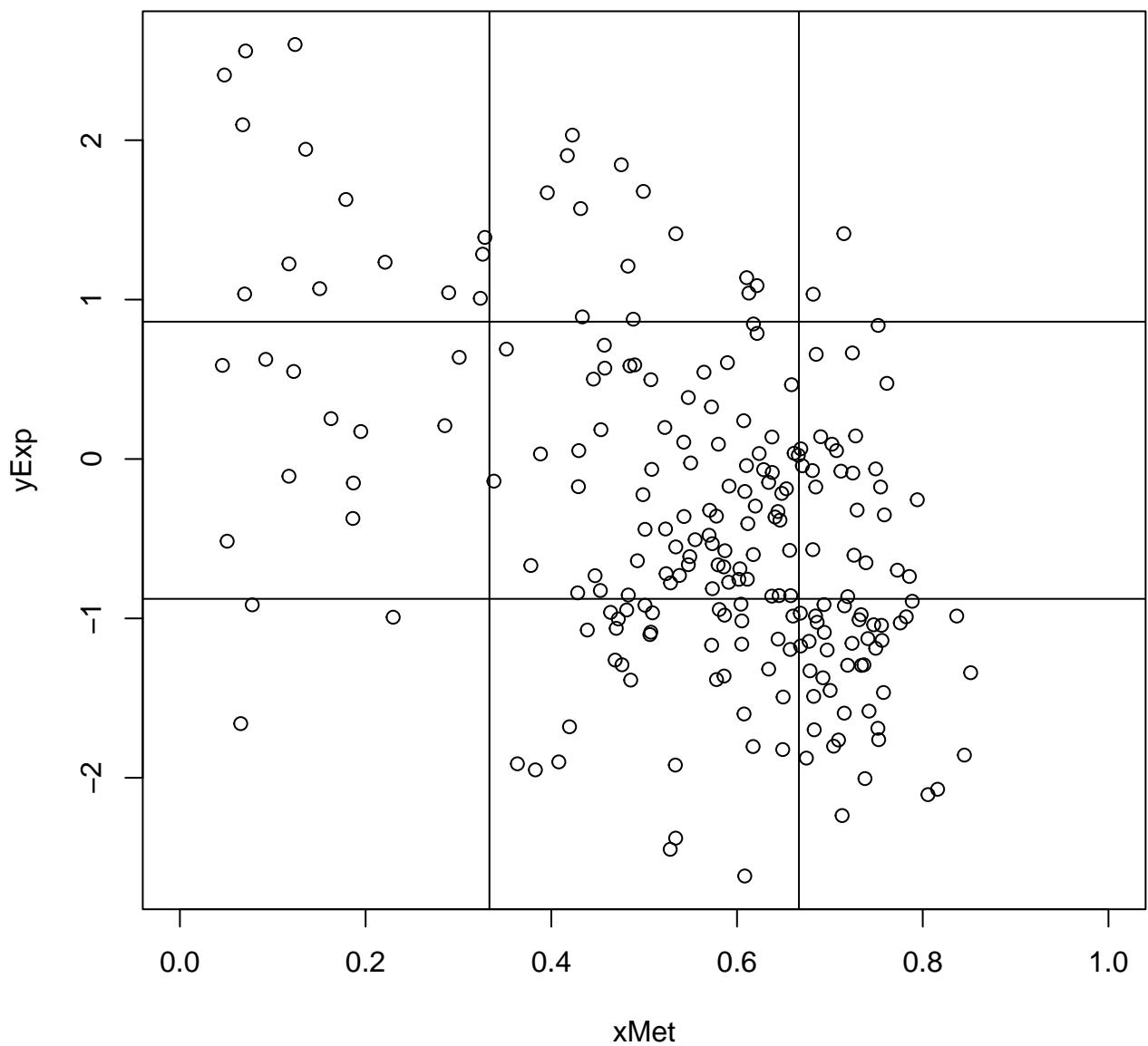
CCR7, -80



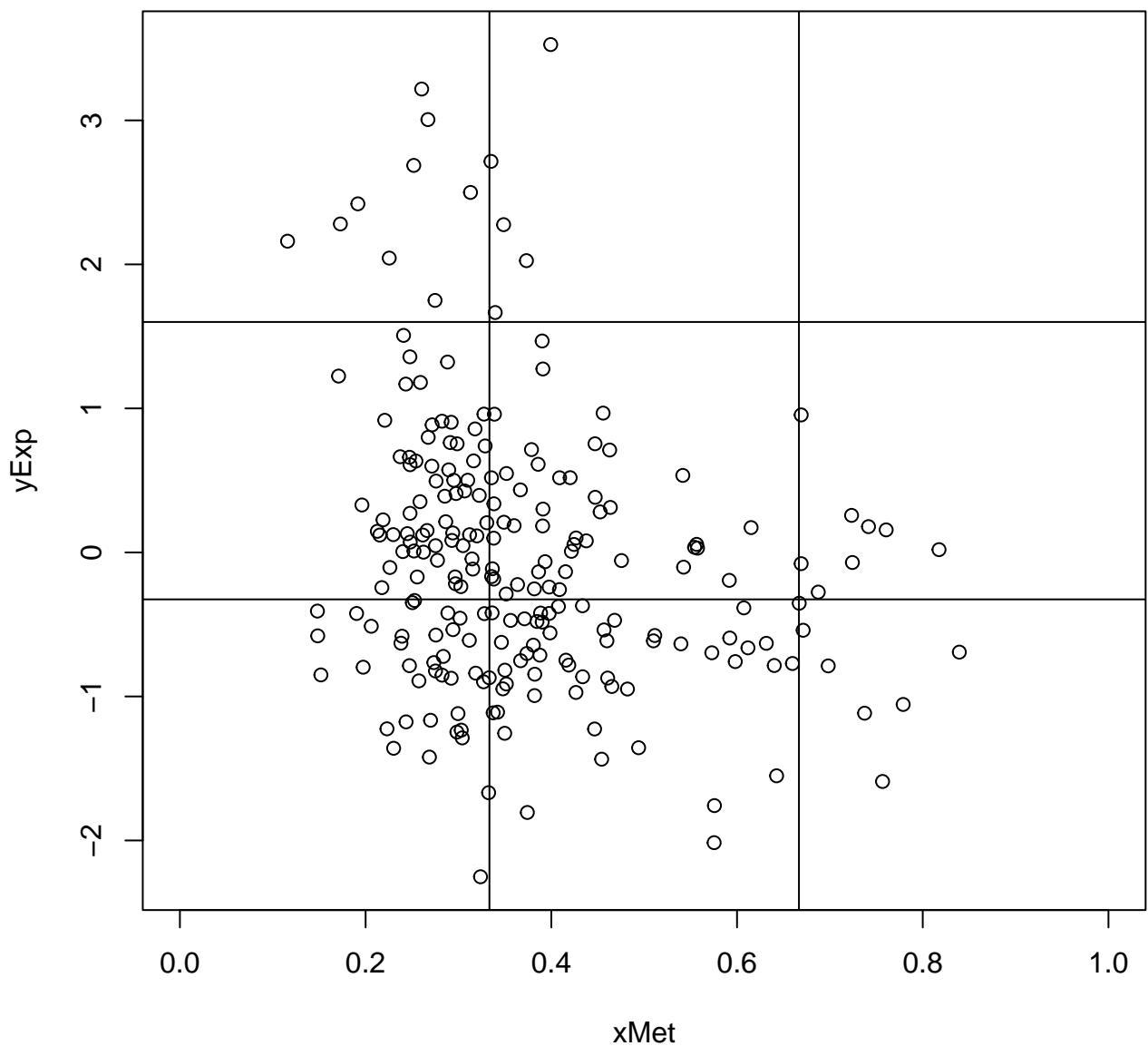
CD300LF, -199.4



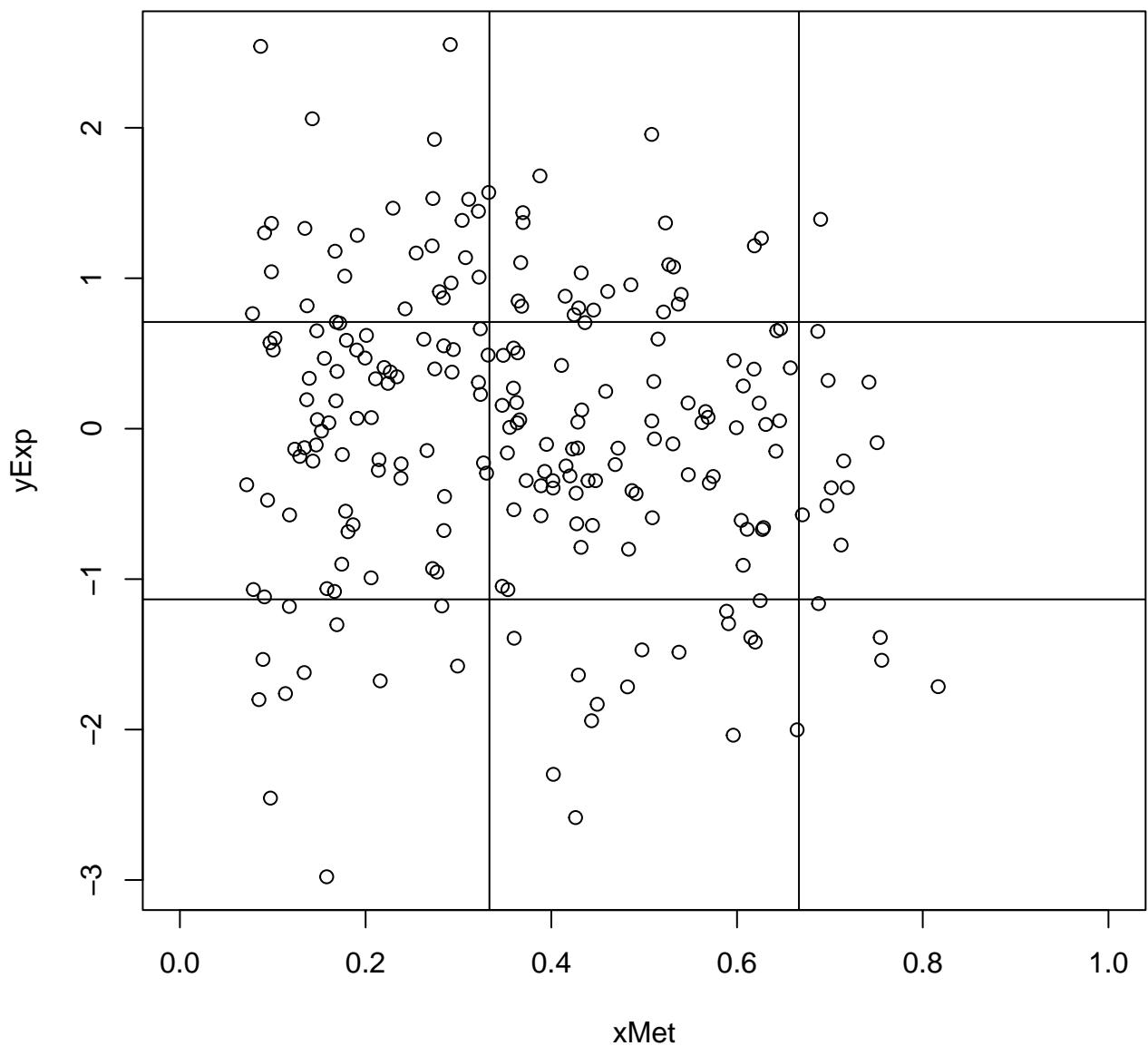
CD40, -1.2



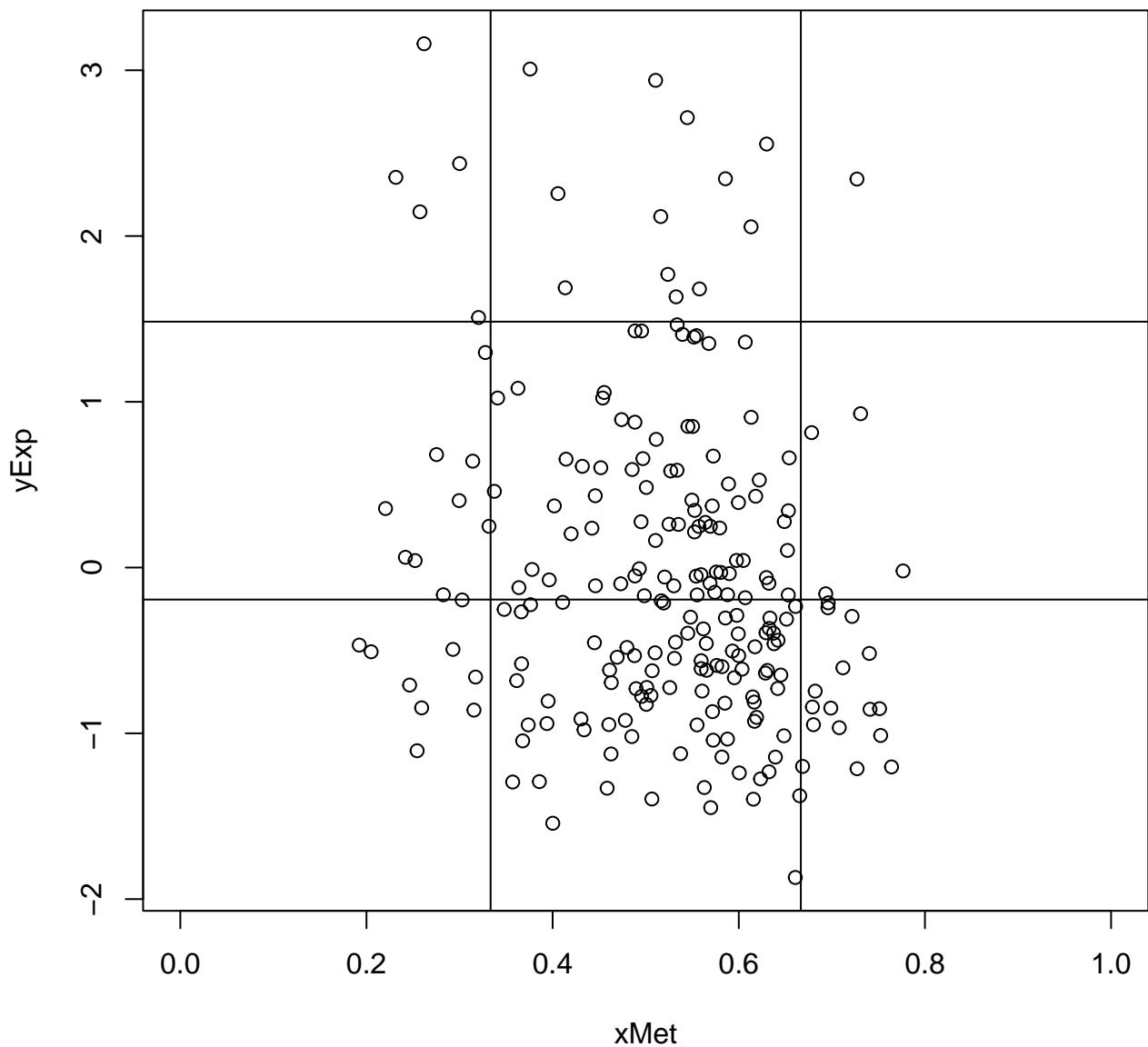
CD5, 155



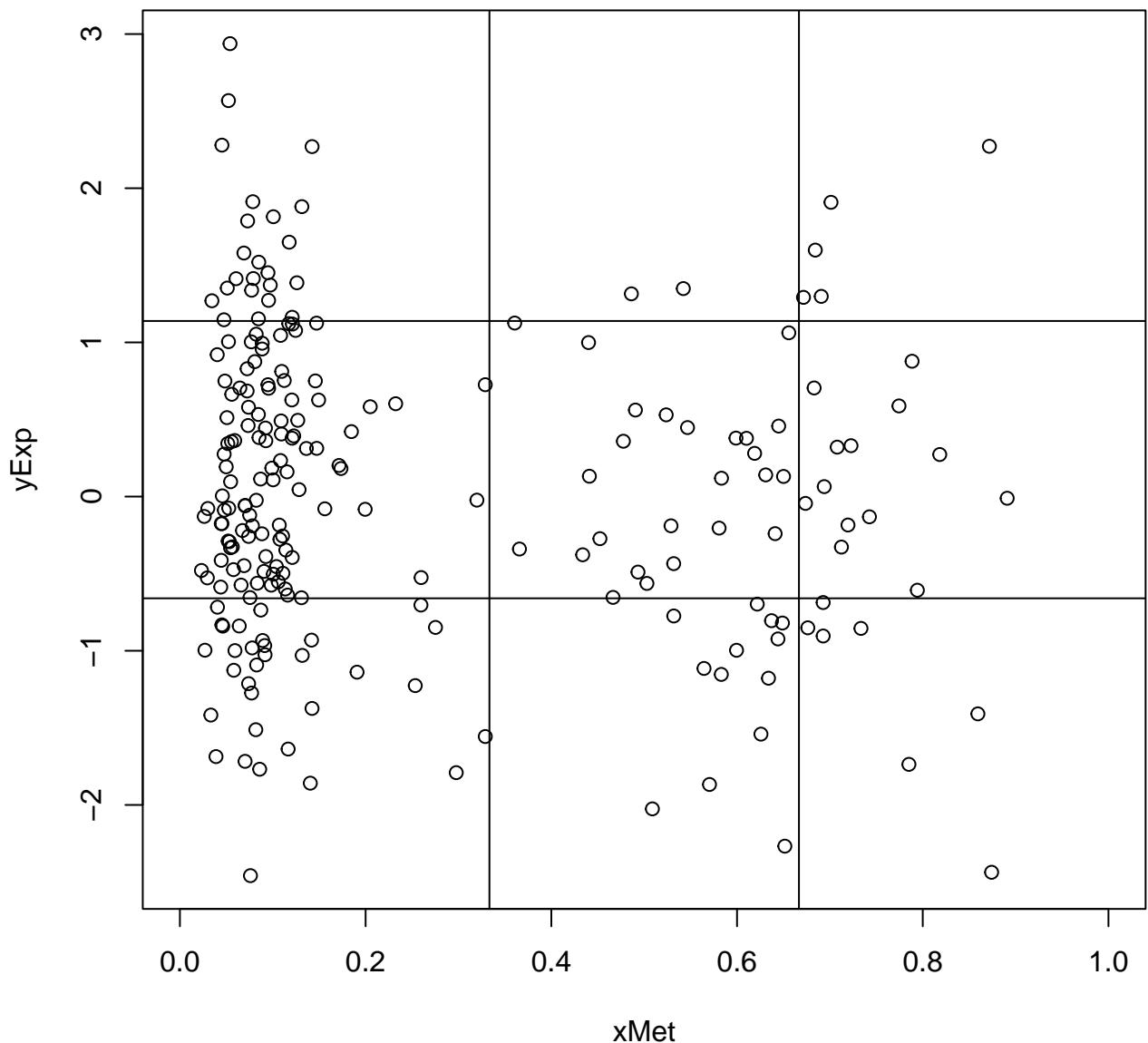
CD53, 43.4



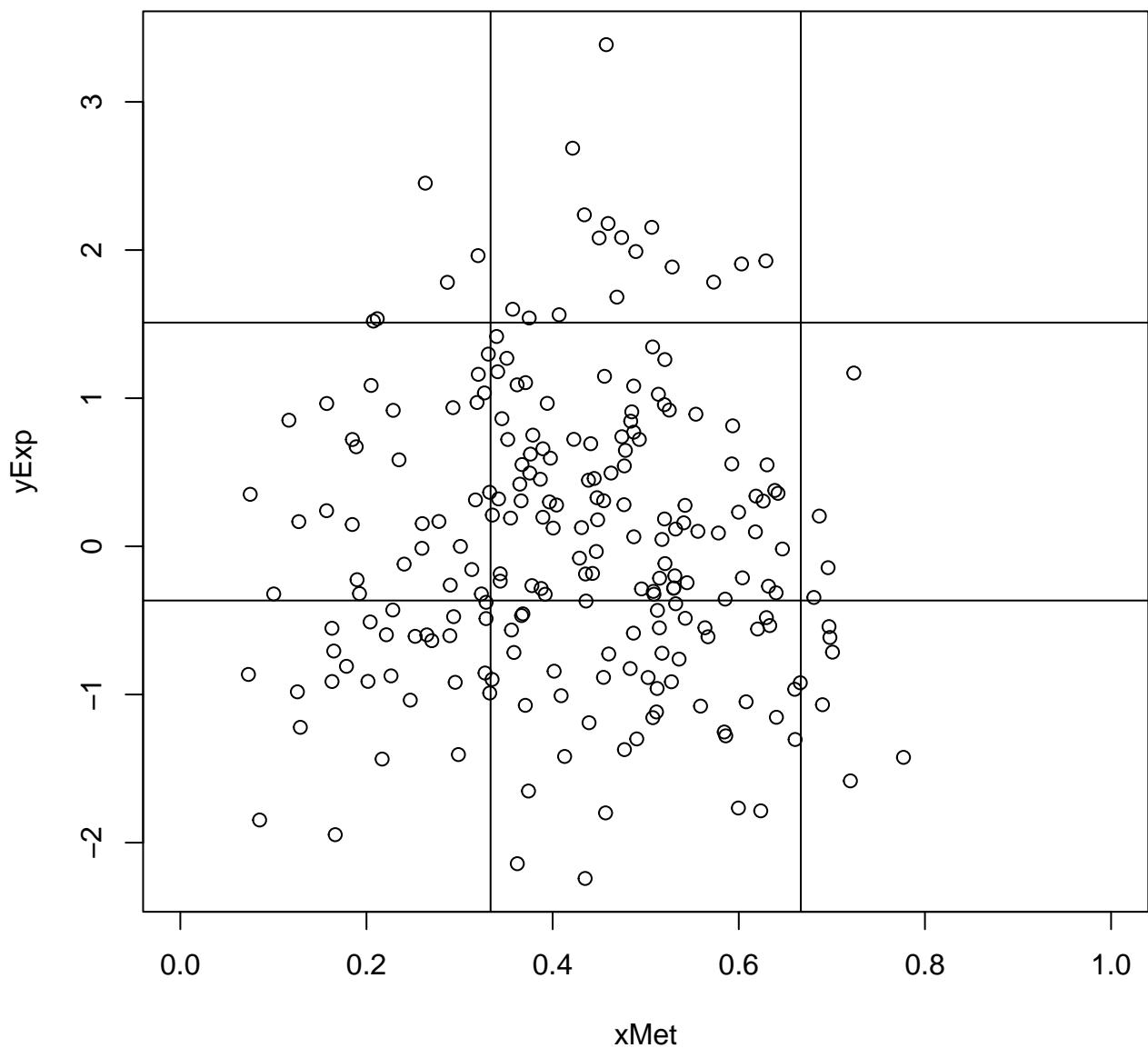
CD84, 73.4



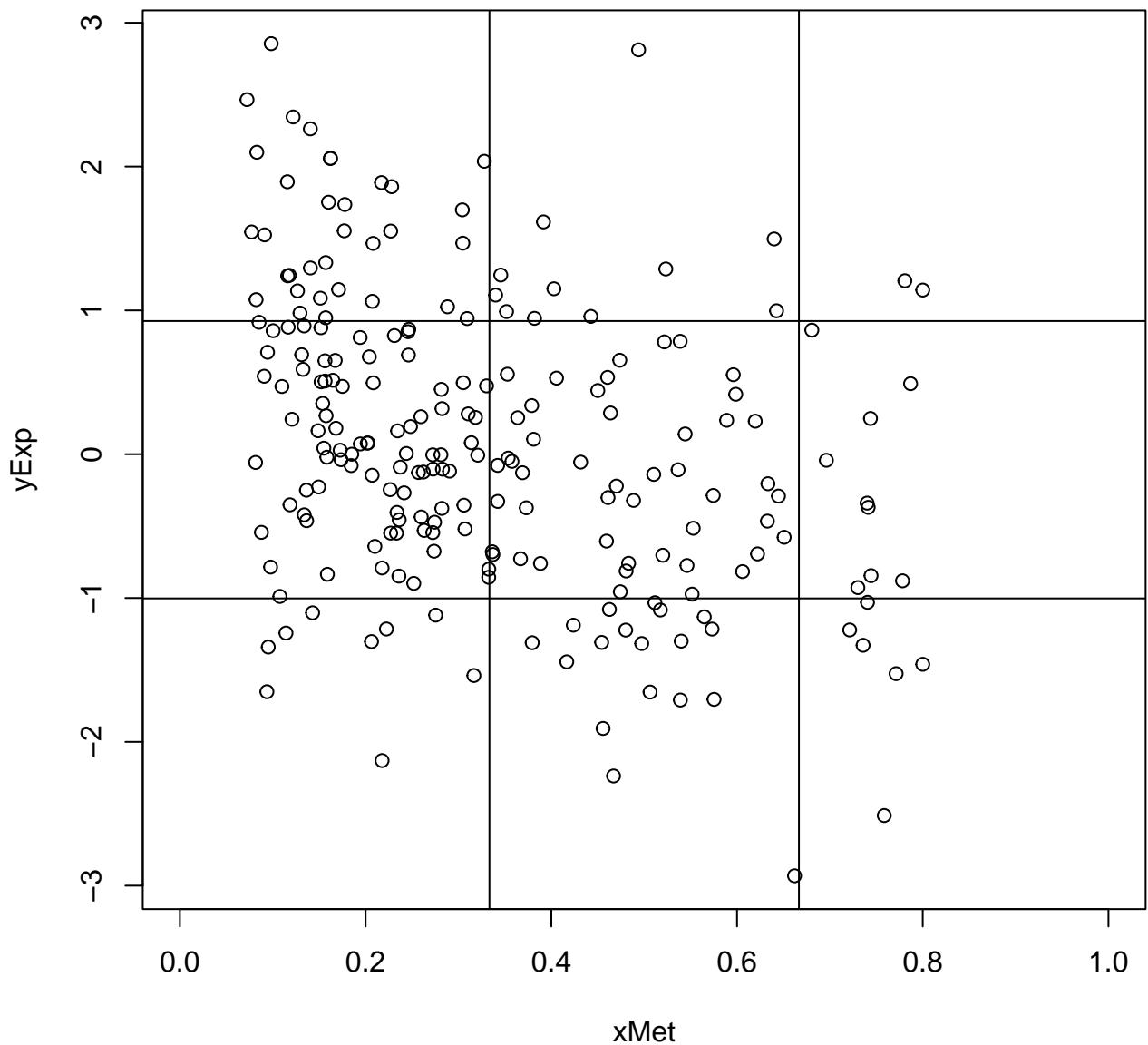
CD8B, -45



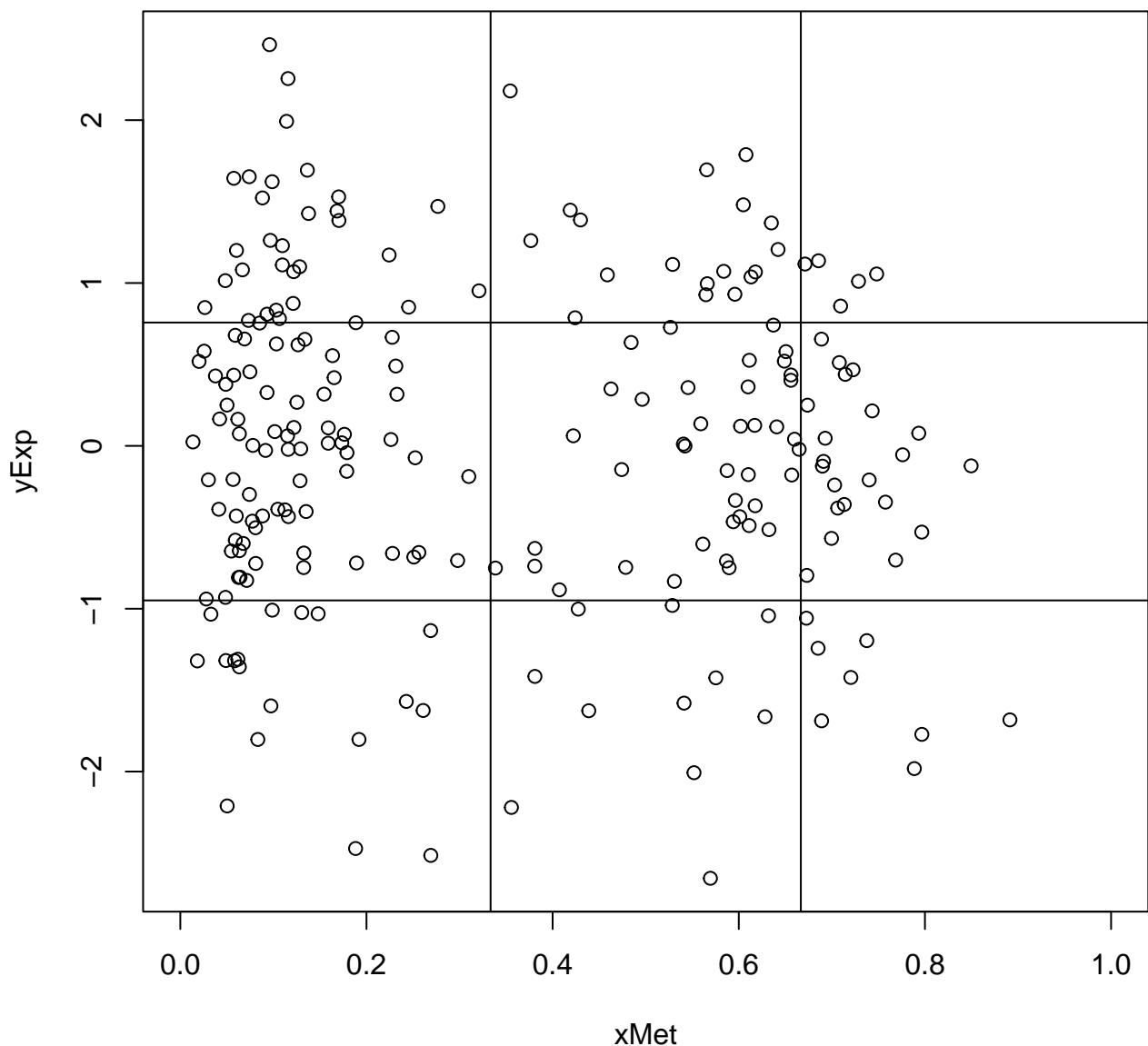
CD96, 85



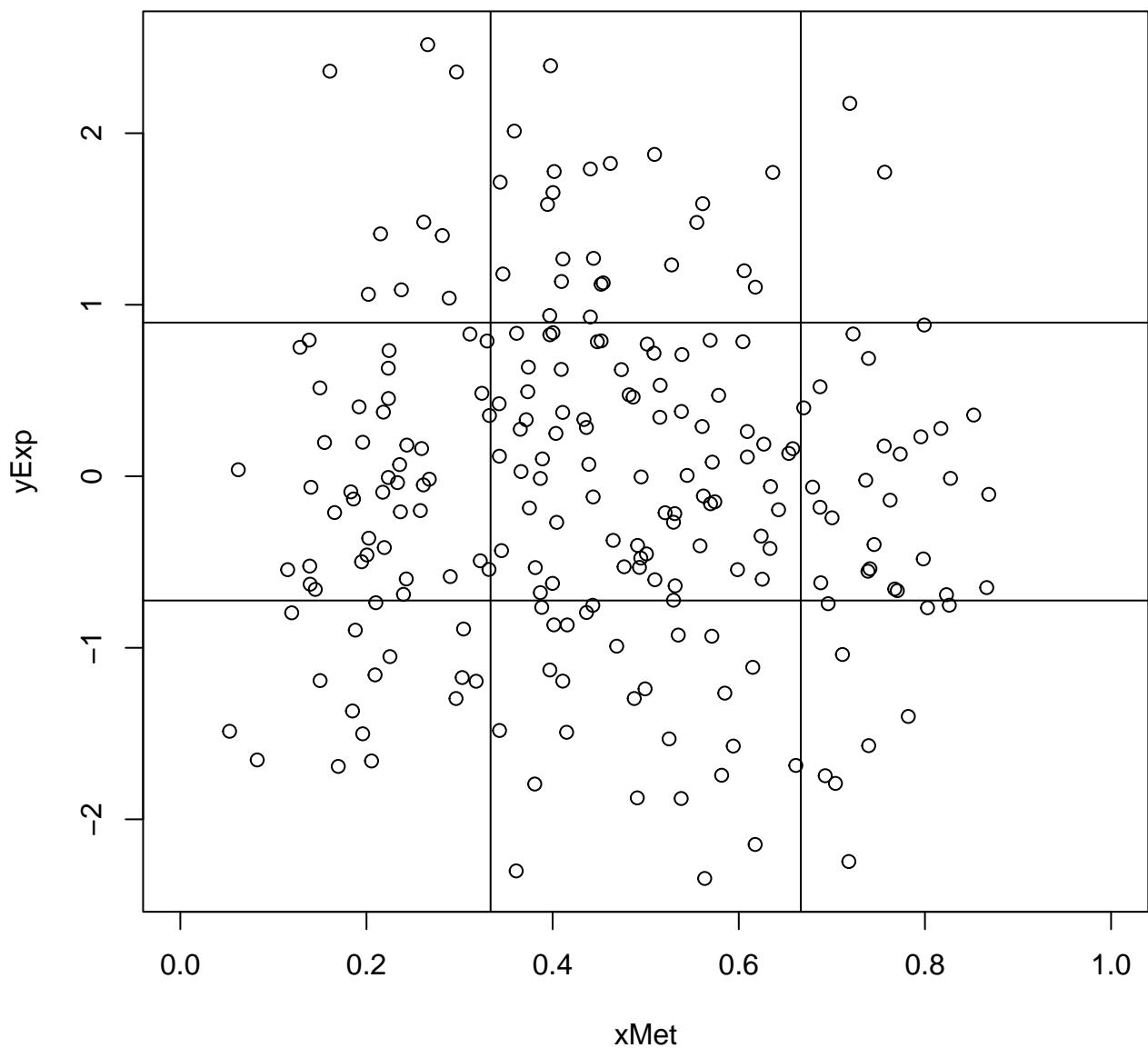
CDC42BPA, 63.8



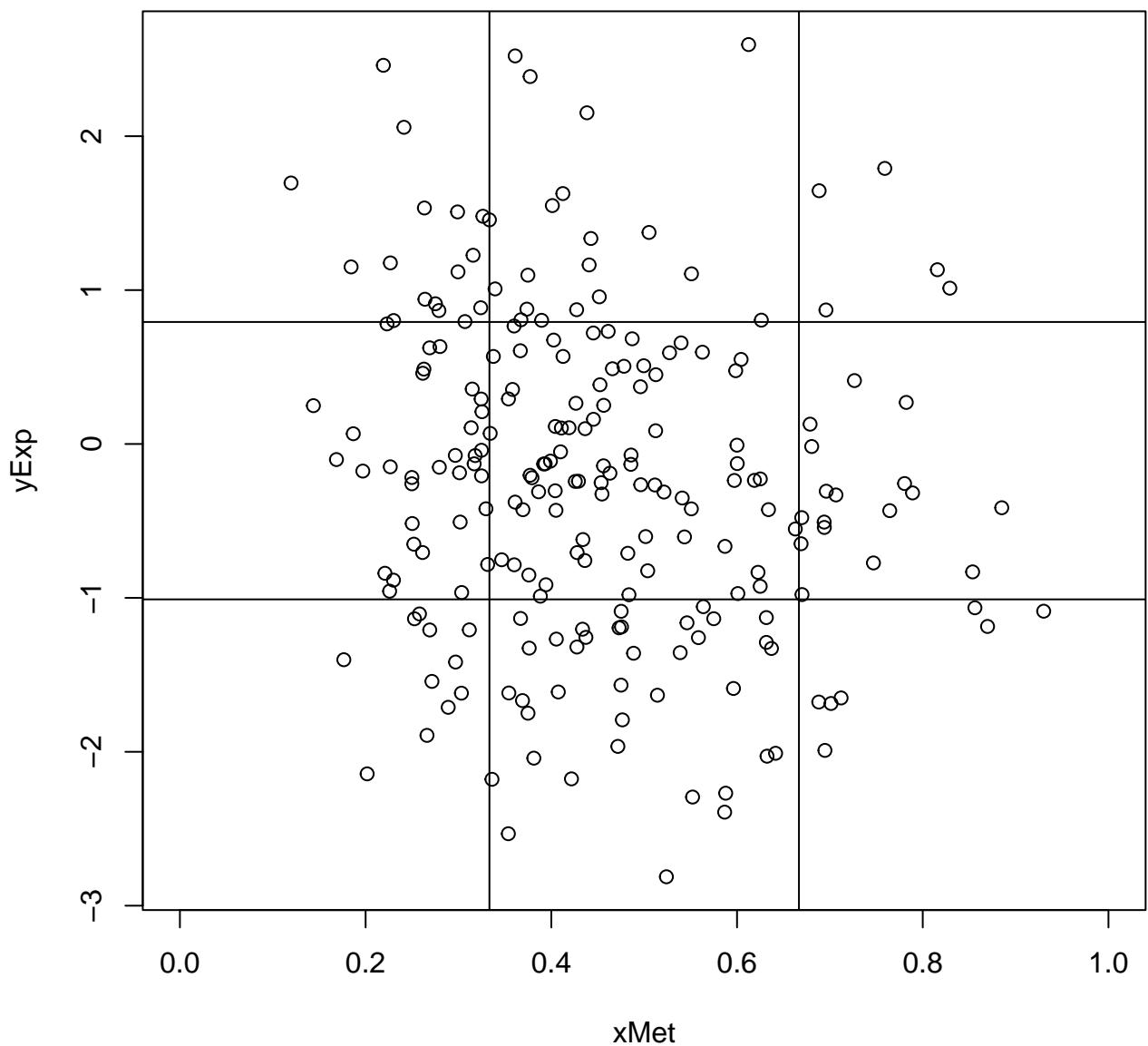
CDH11, -124



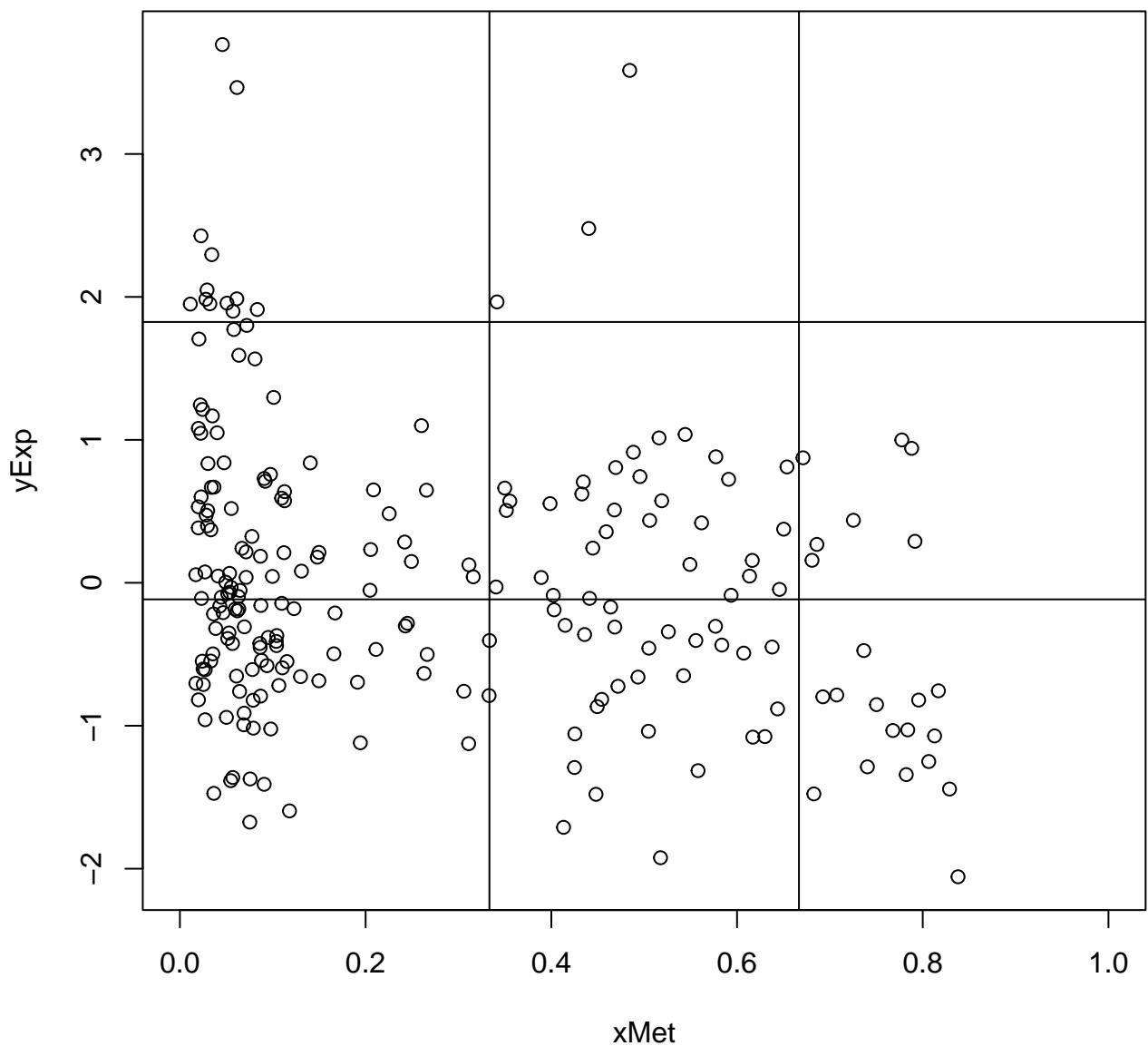
CDH6, -67.2



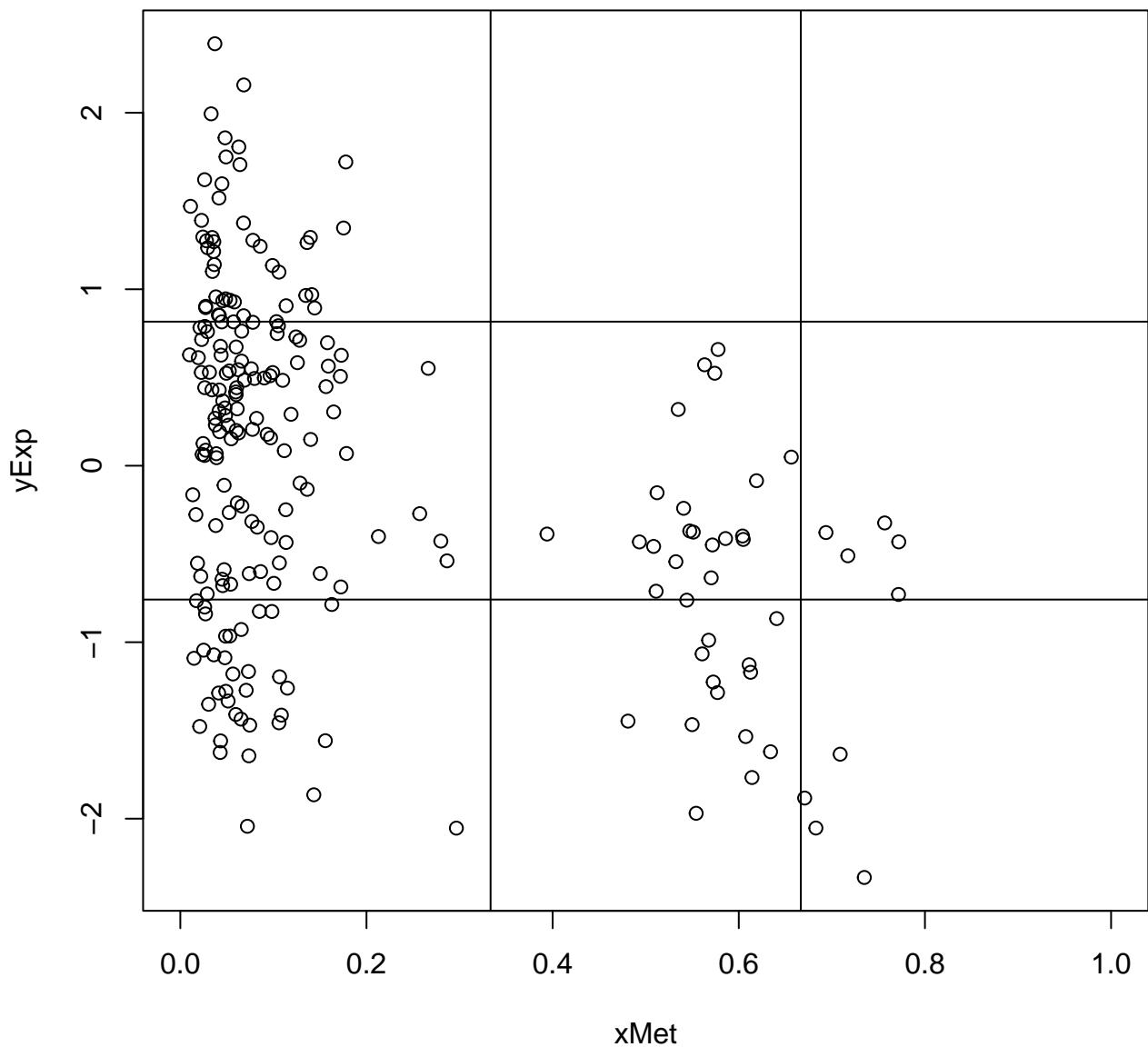
CDKL1, -164



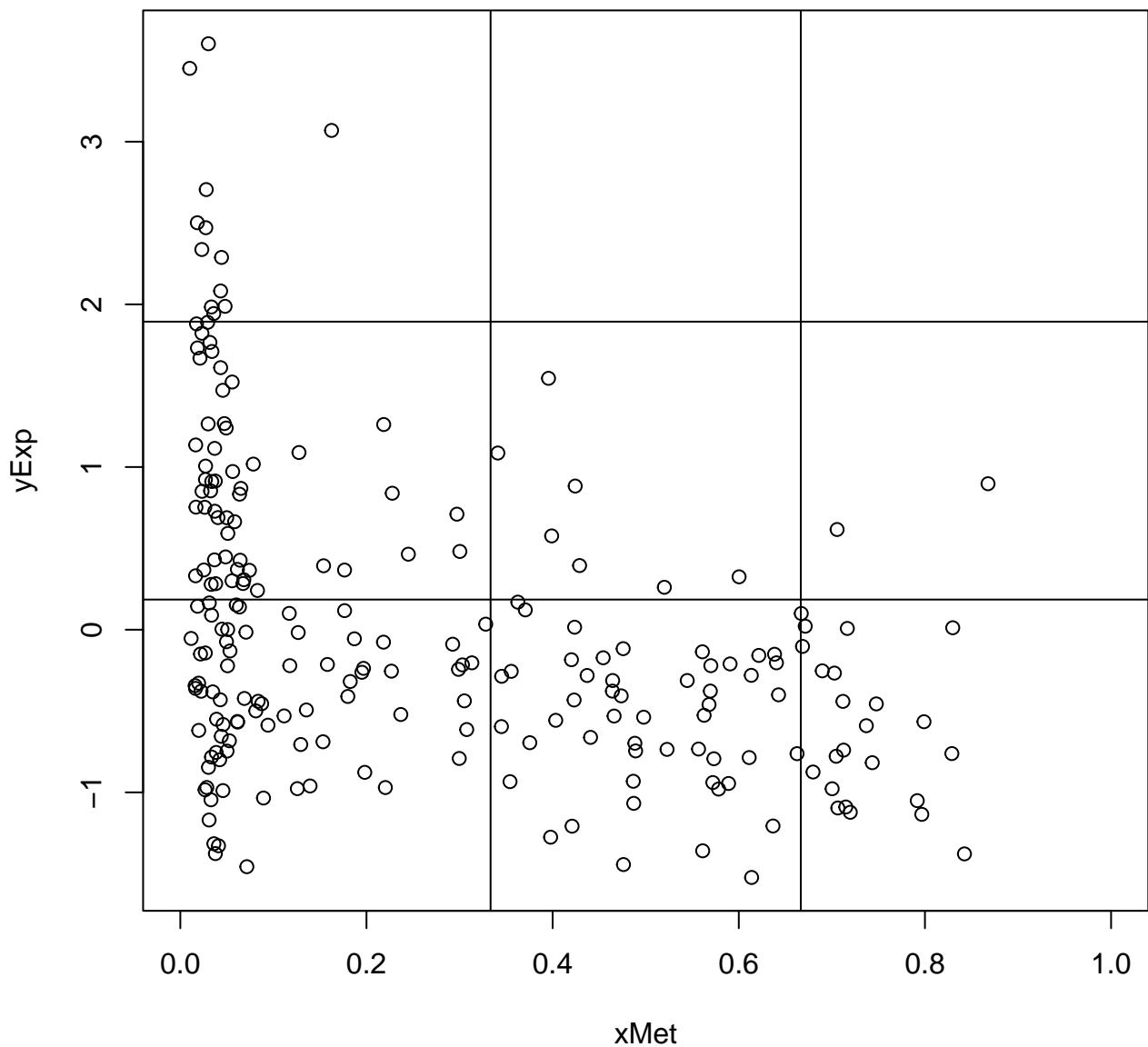
CDKN2A, 190



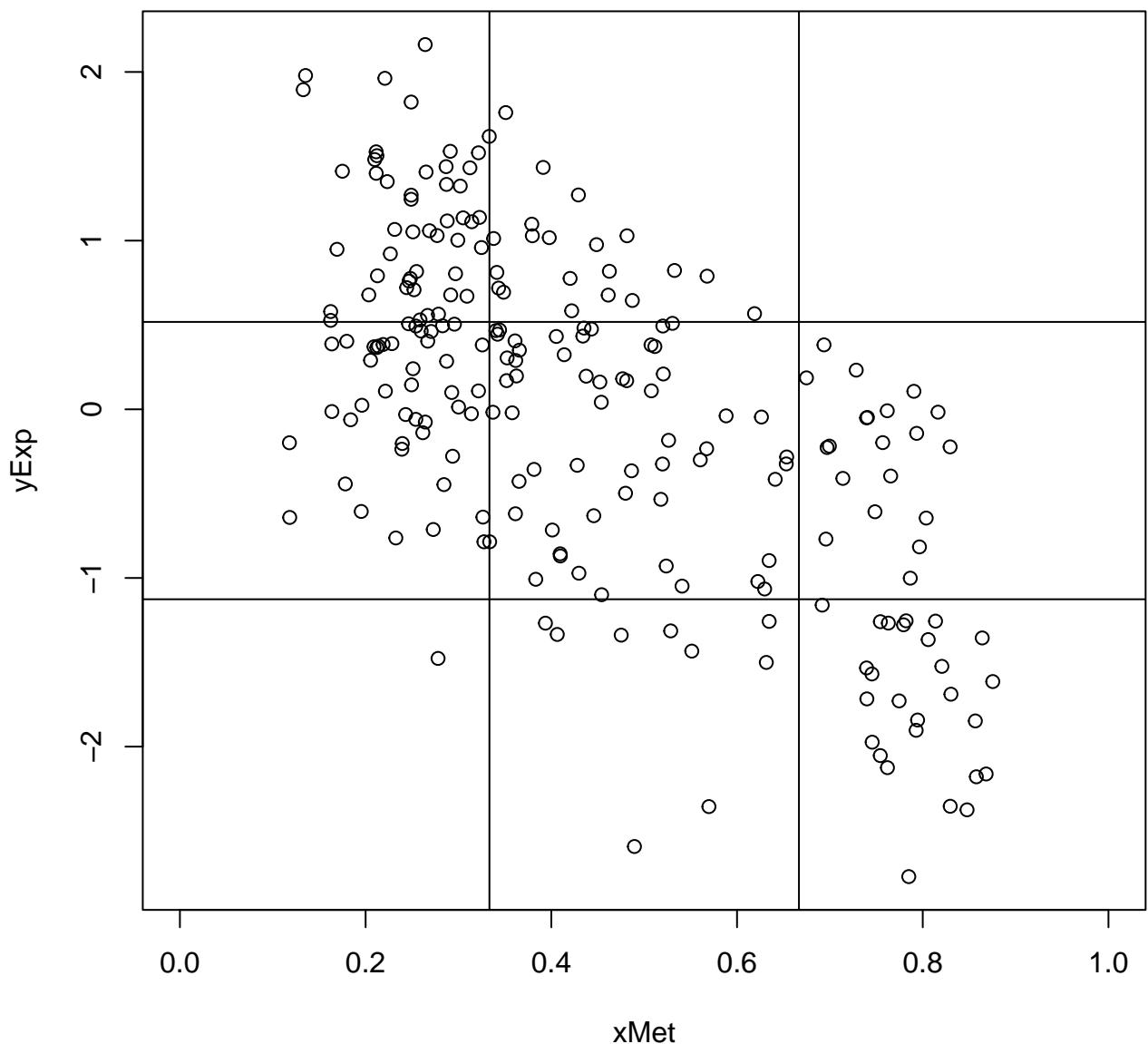
CELSR3, 236



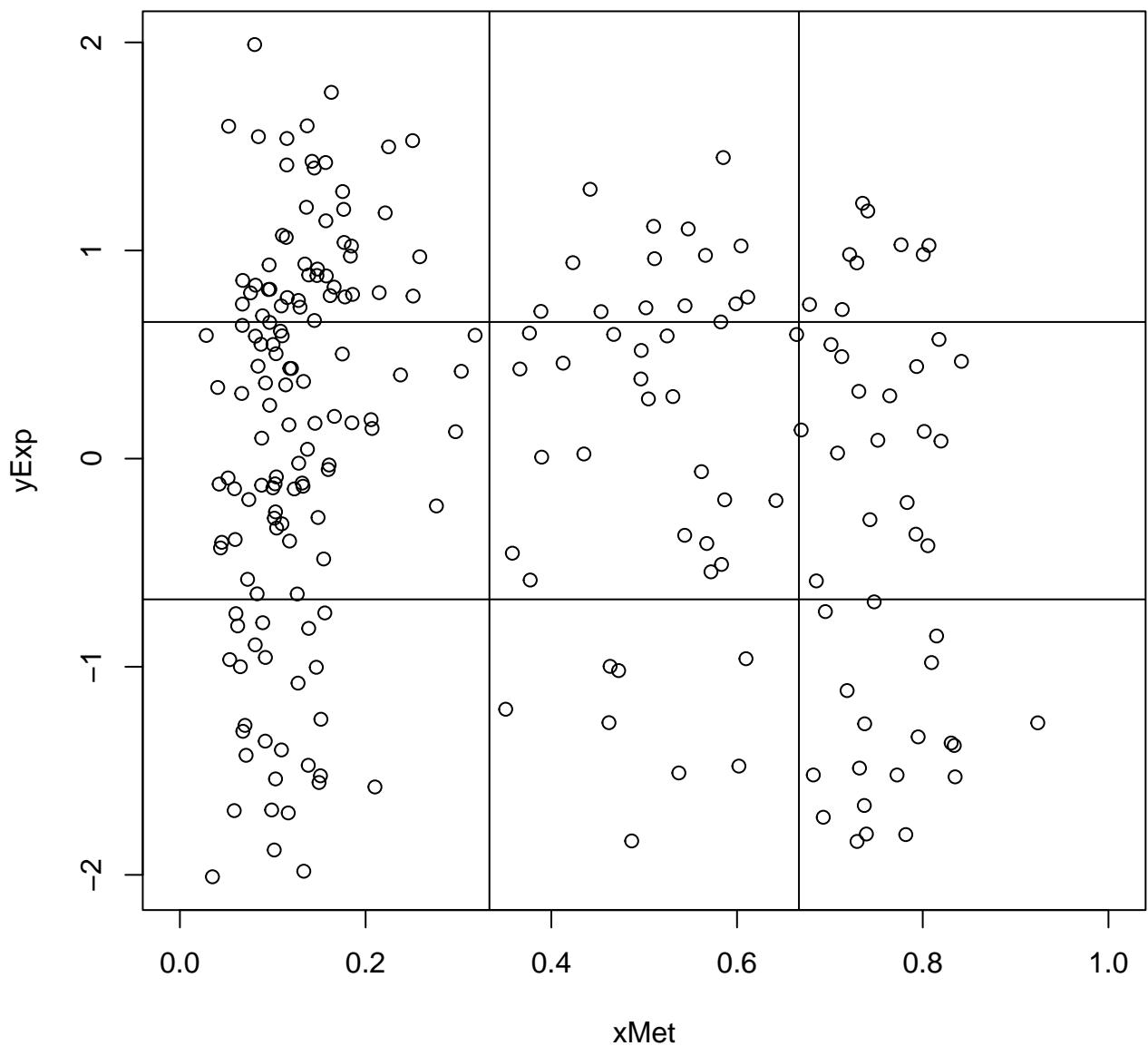
CERS4, 245



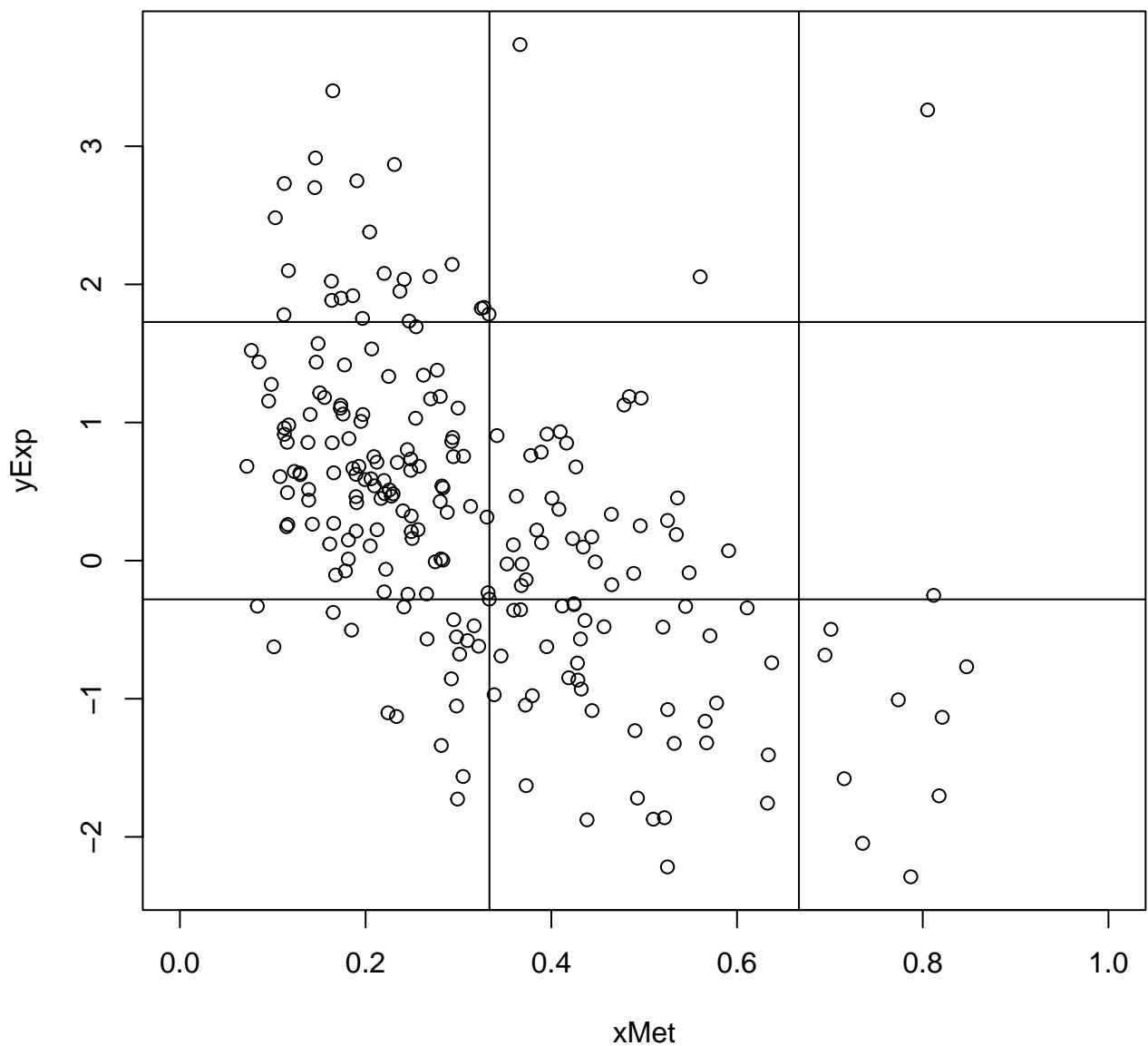
CES3, 121



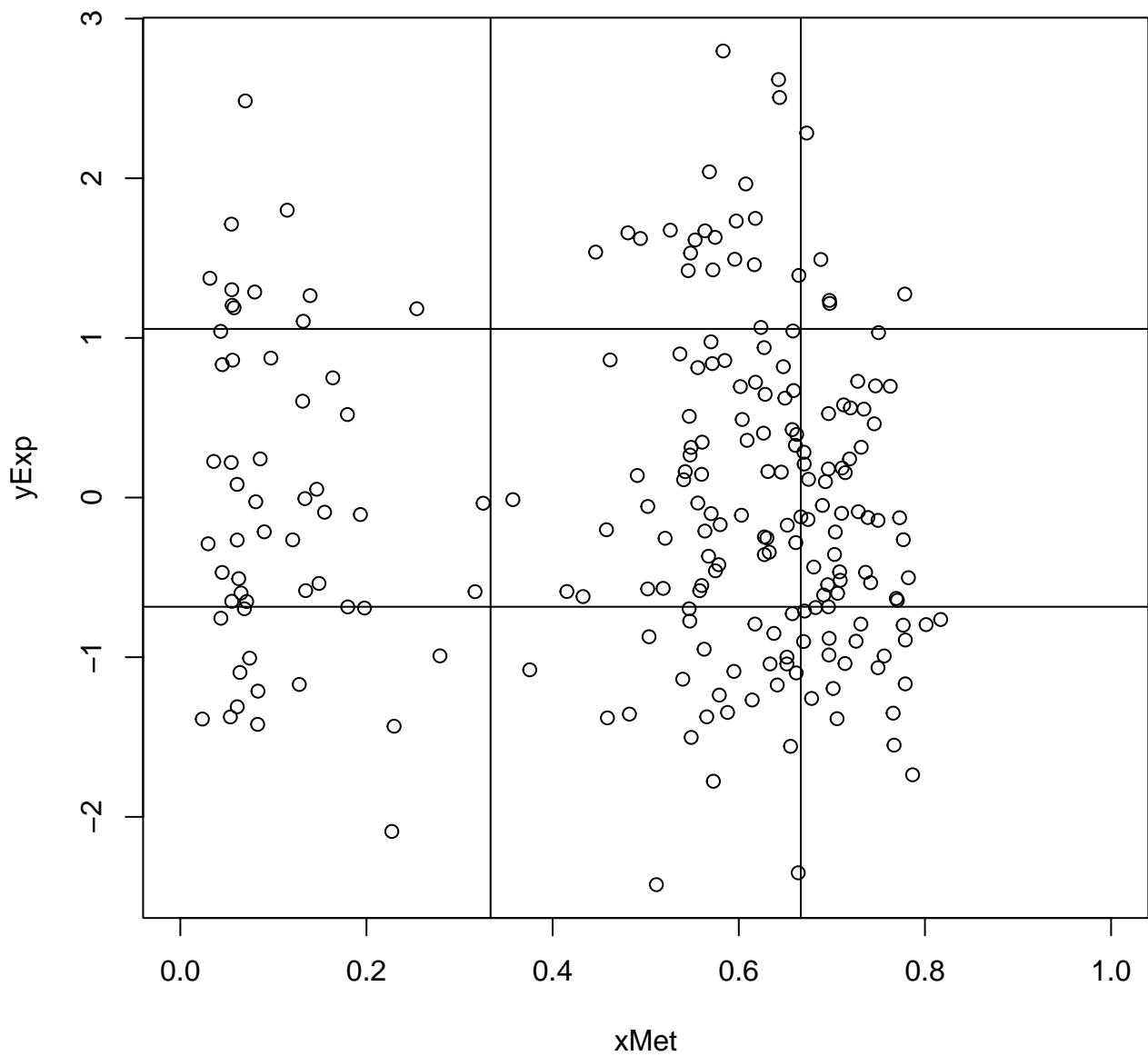
CHGA, -238.4



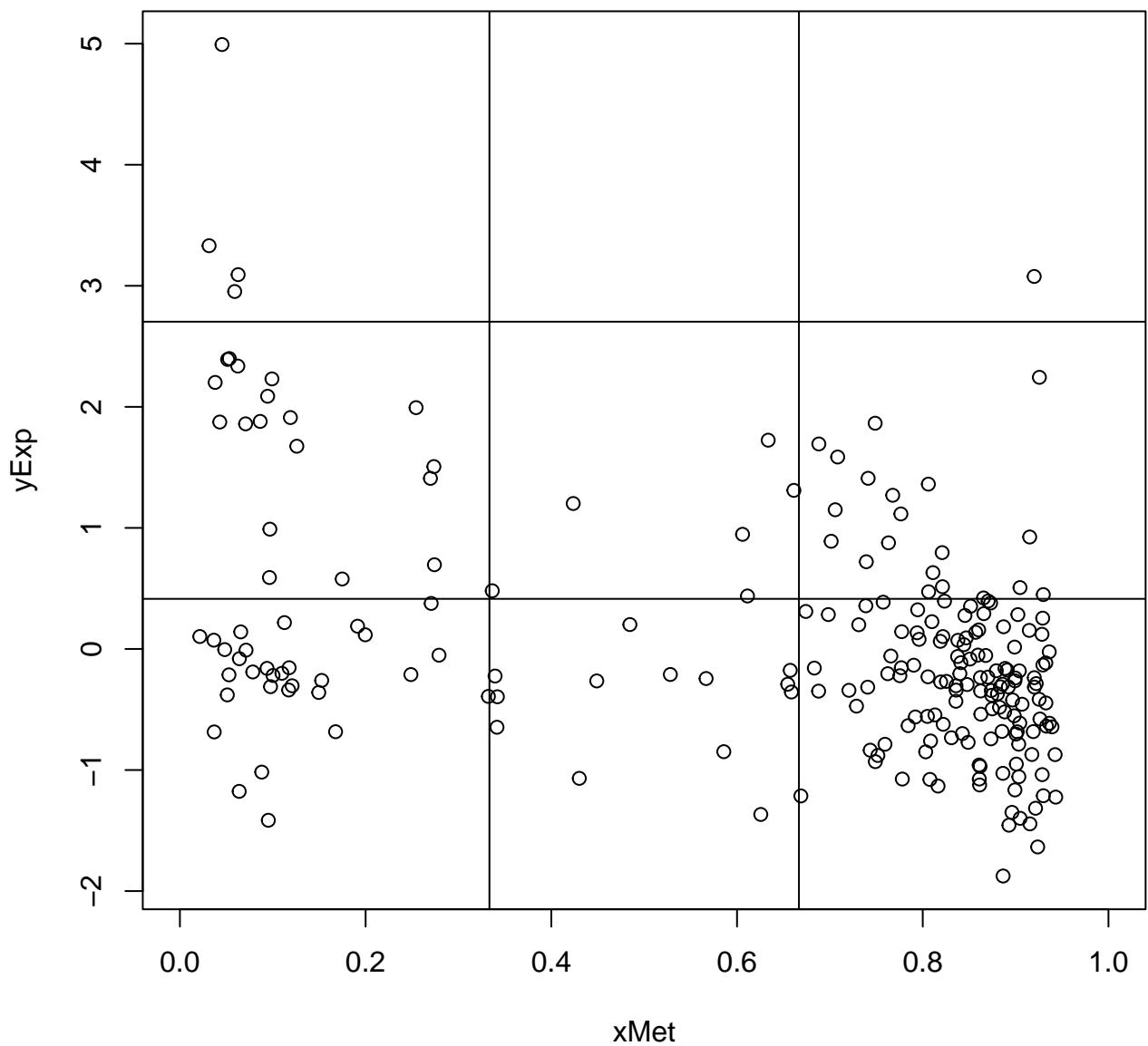
CHN2, 168.4



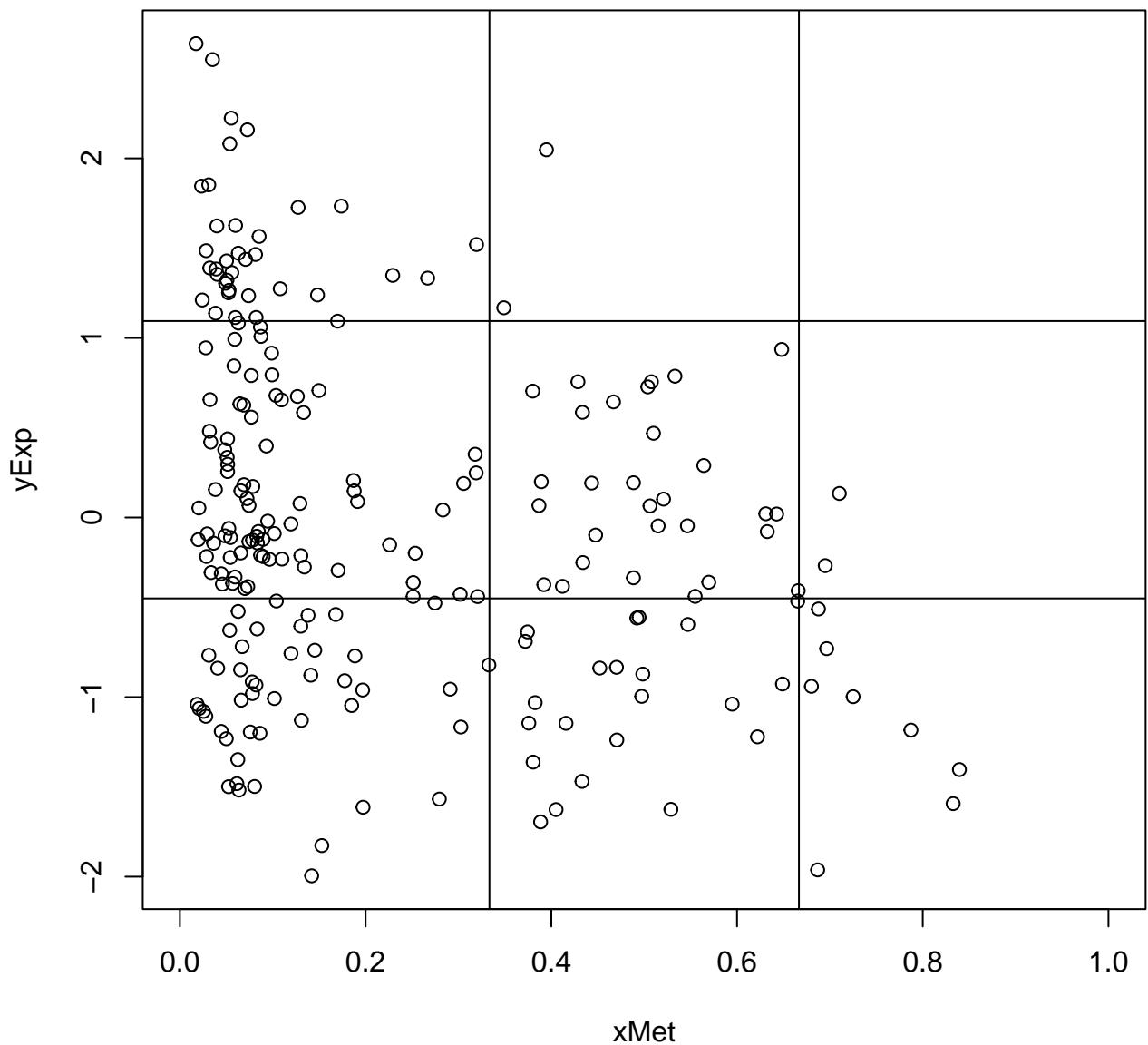
CHRNA3, -209



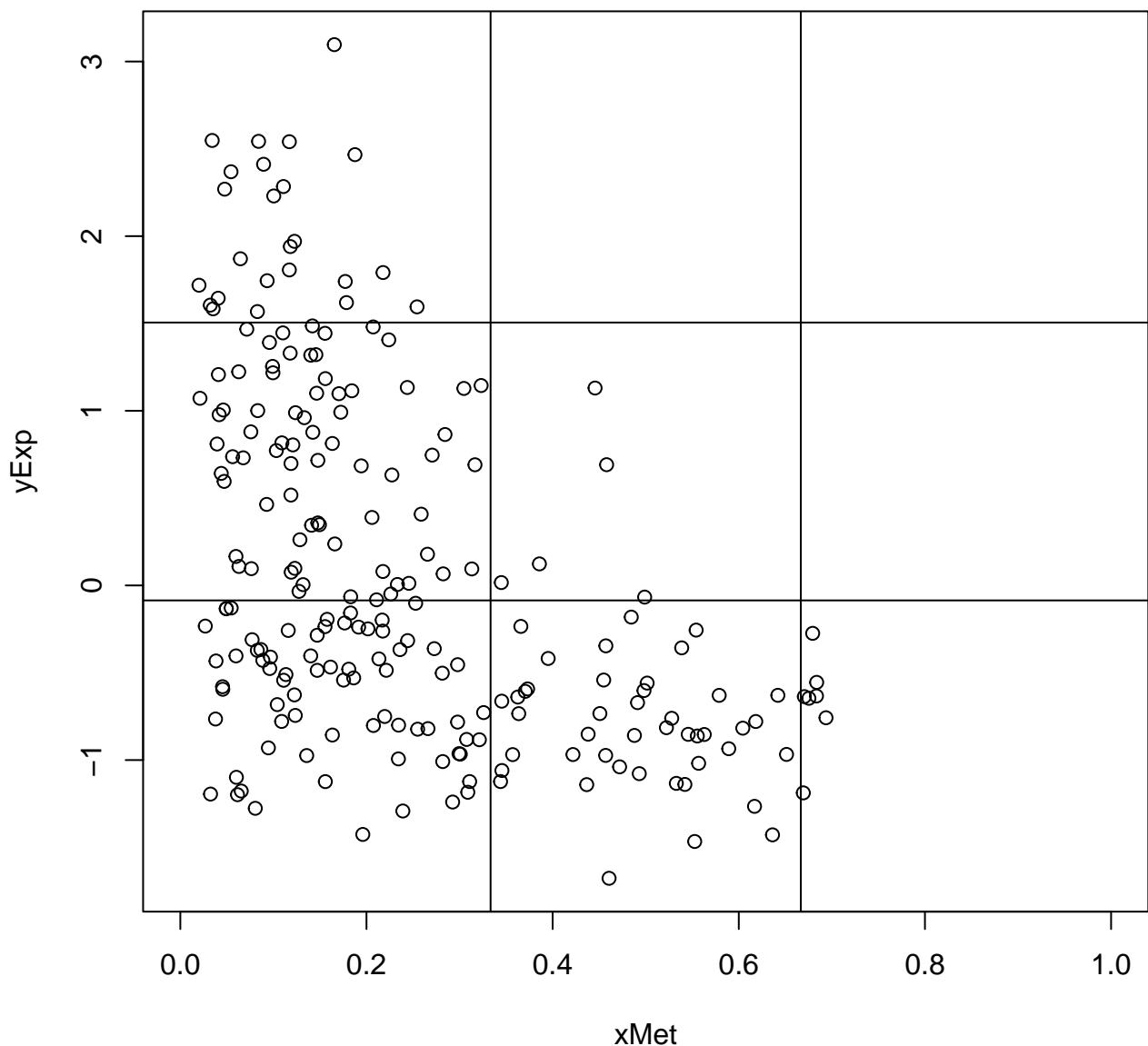
CHST10, 246.4



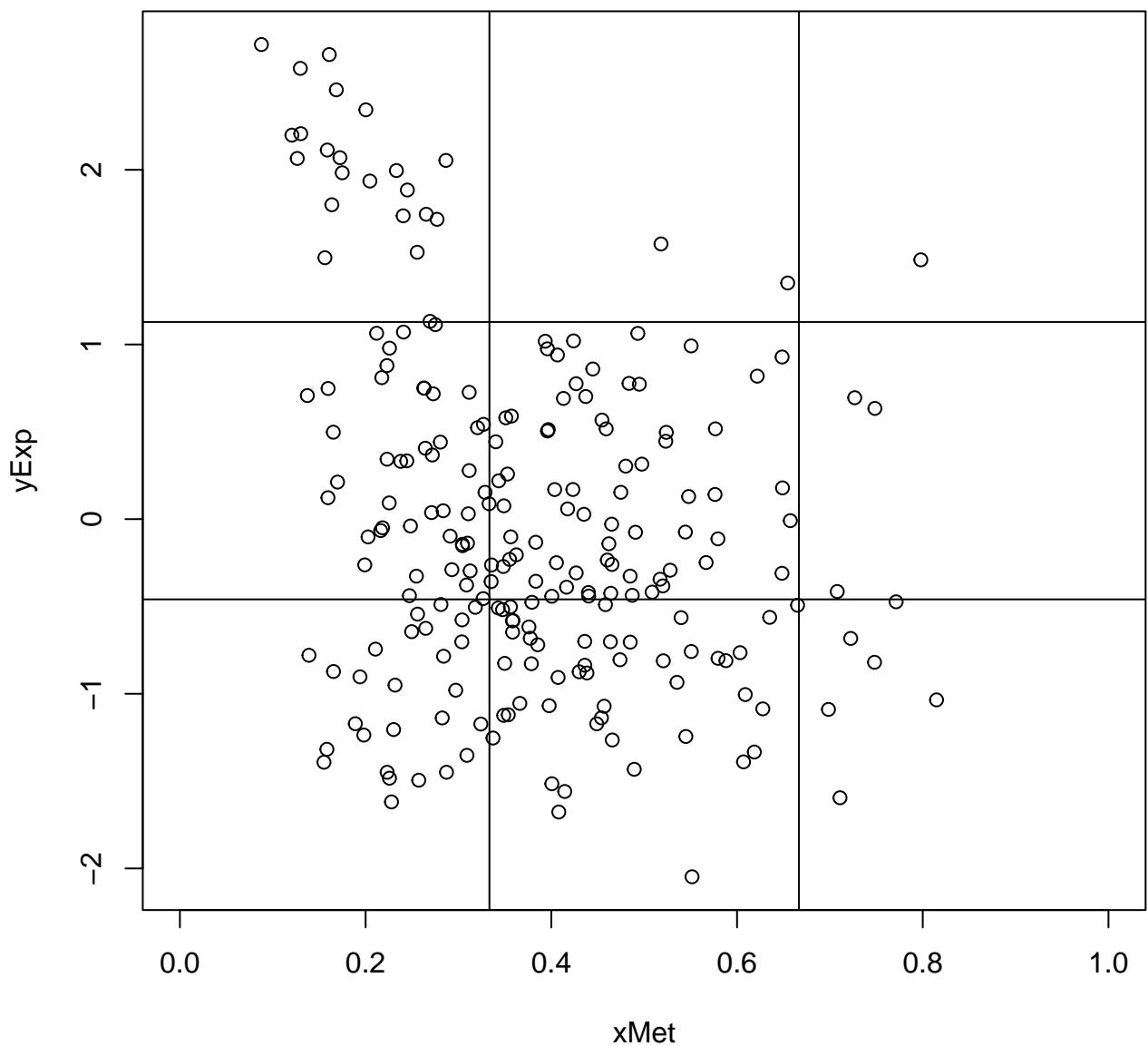
CHST3, 225



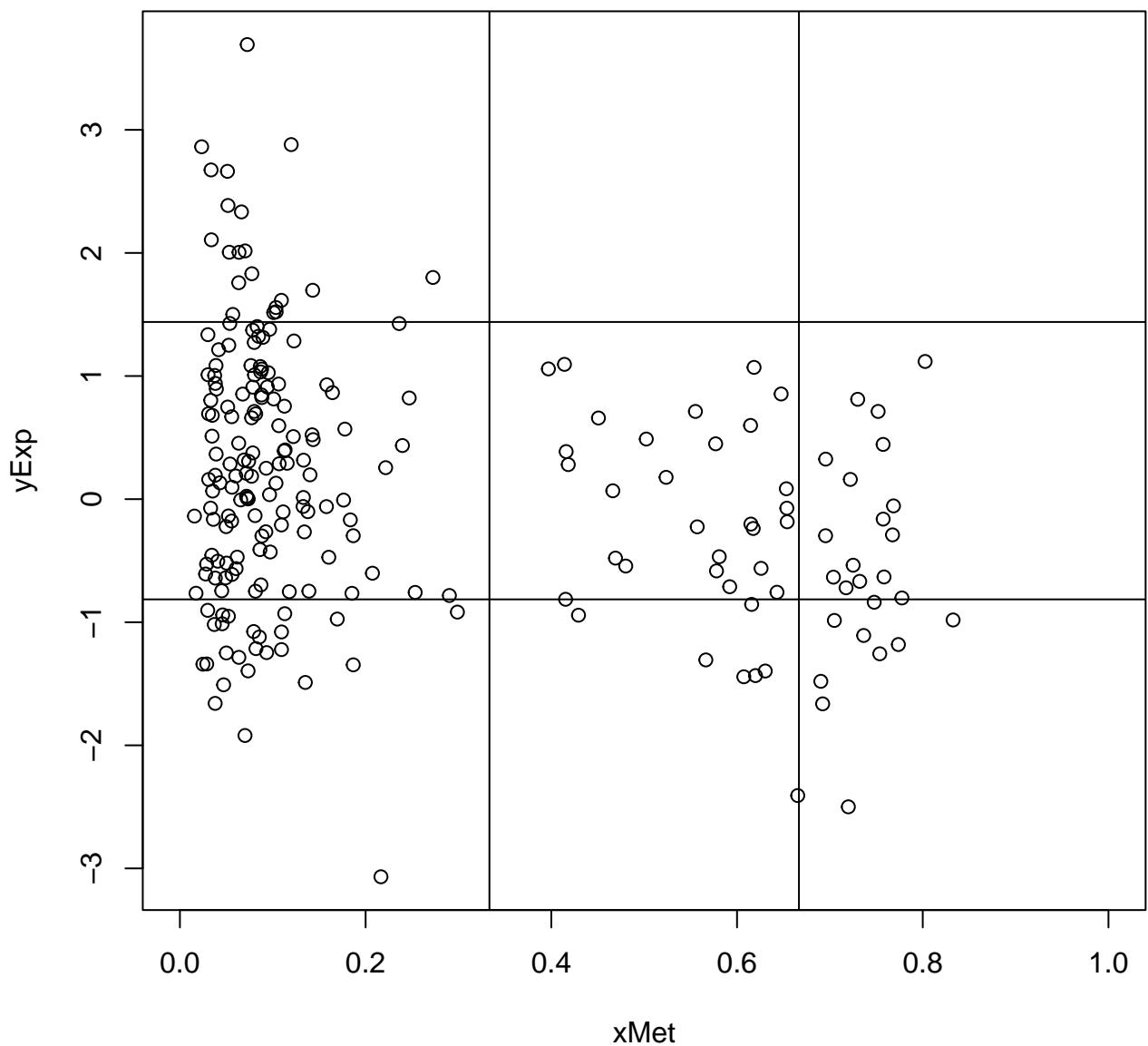
CHST4, 249



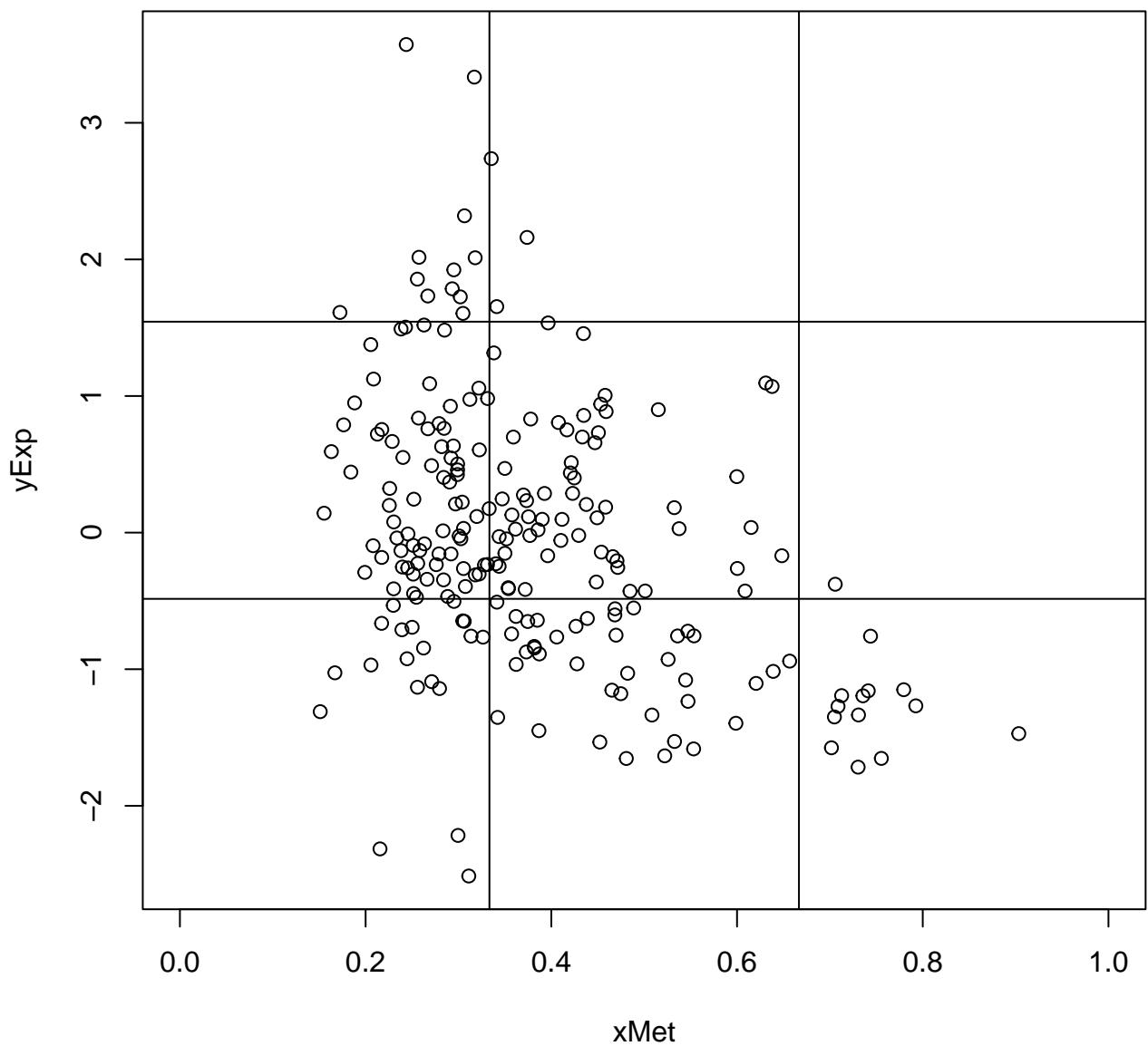
CIITA, 122.4



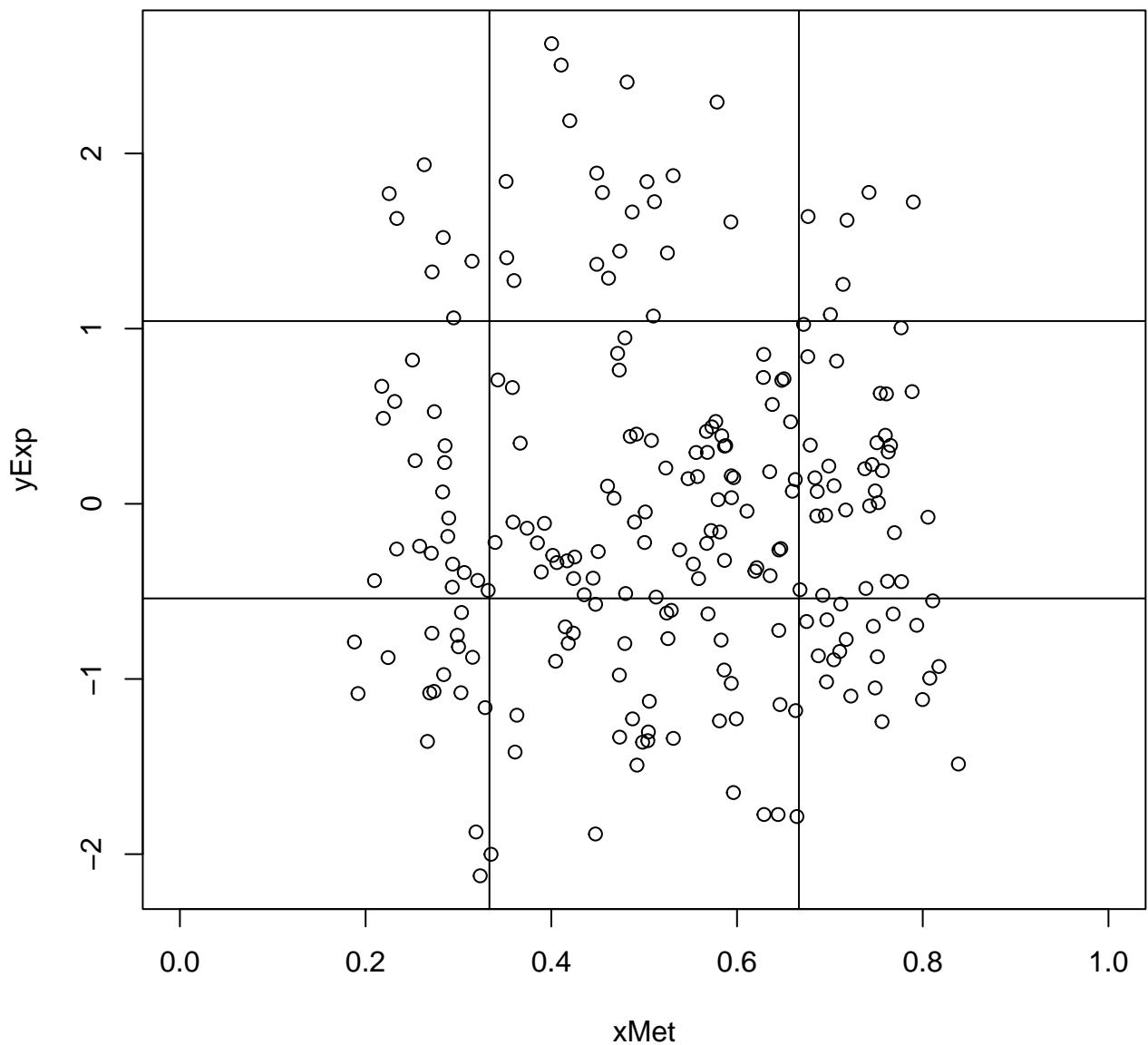
CILP2, 177



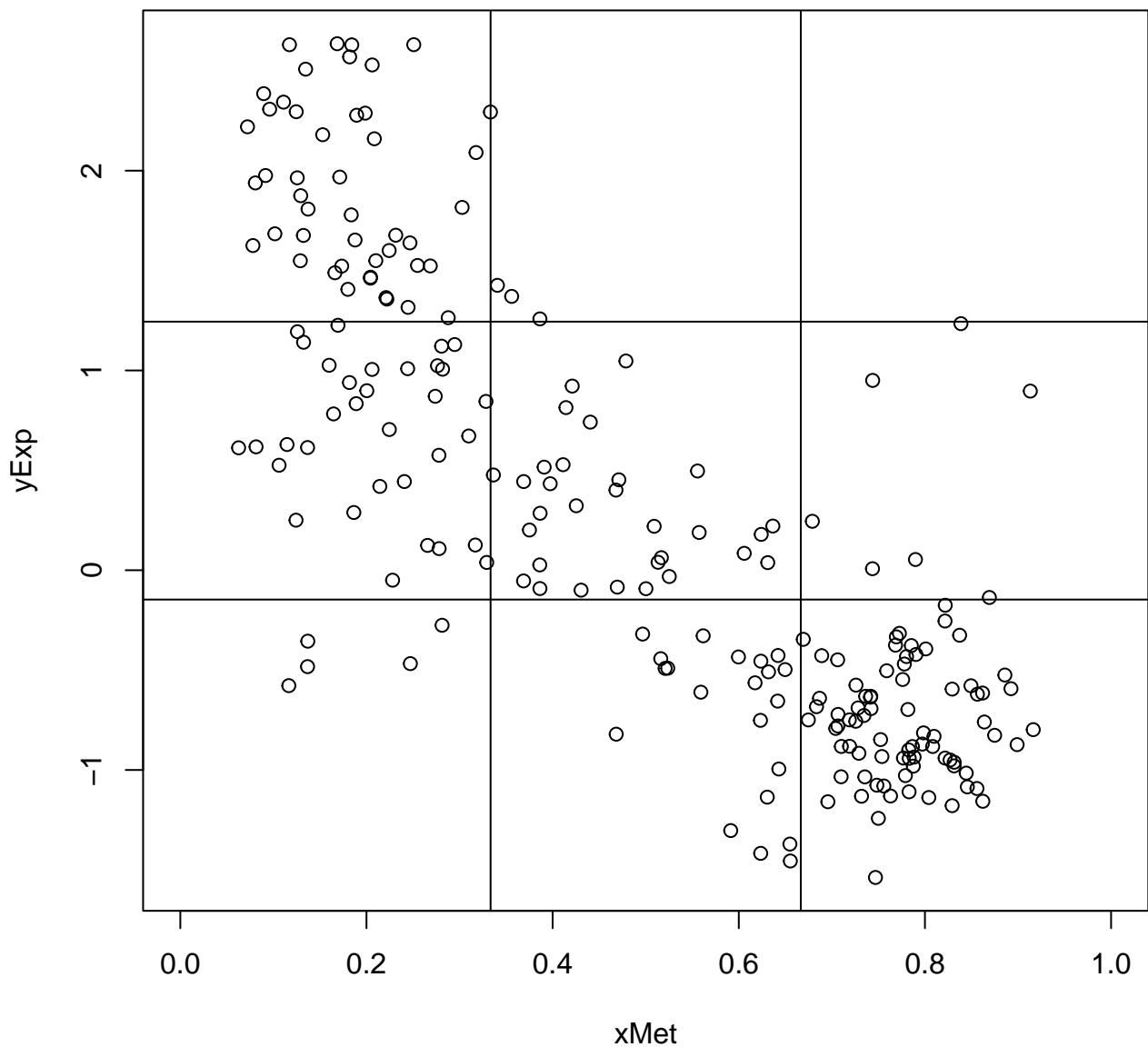
CKM, 175



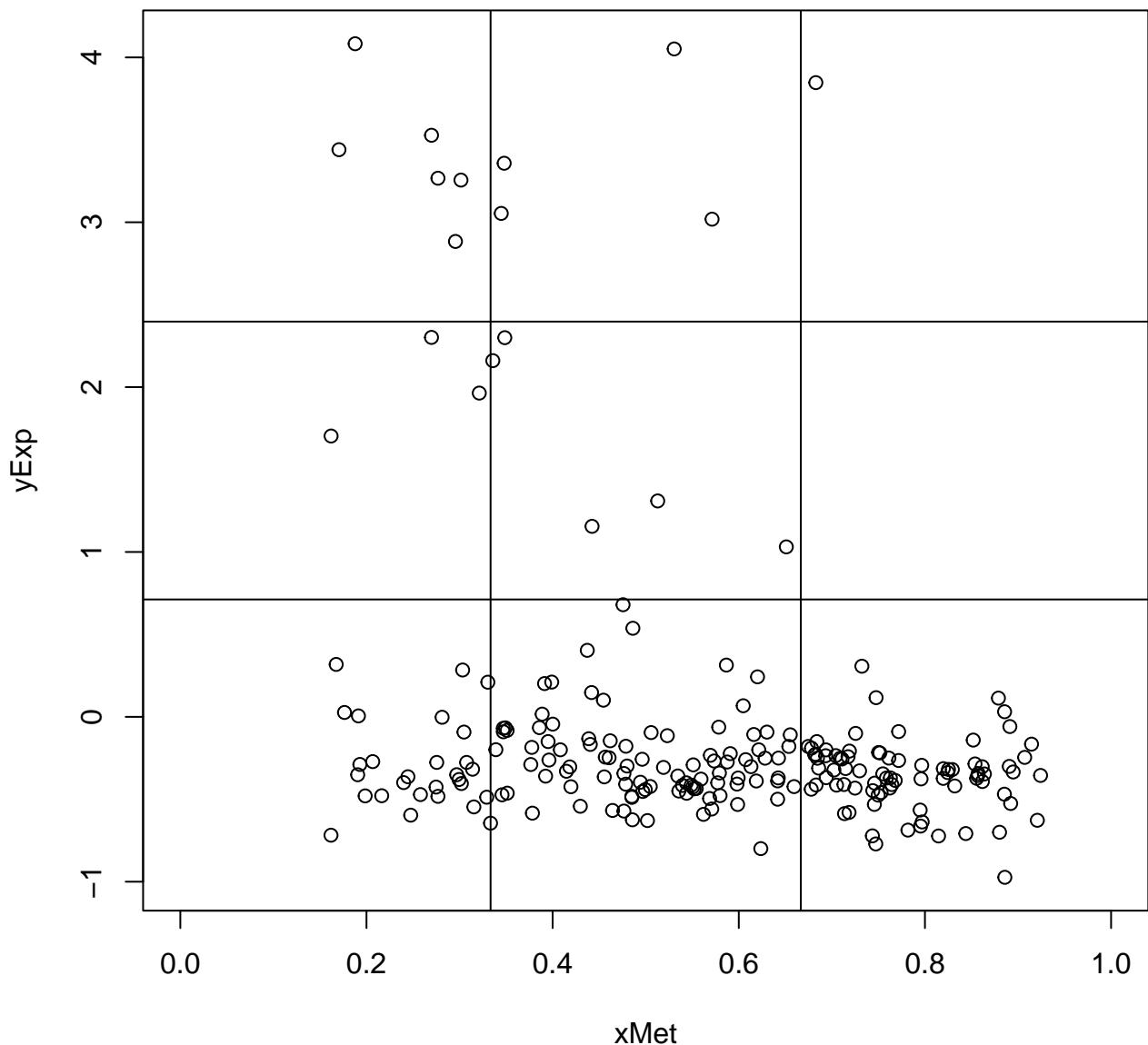
CLDN14, -246.6



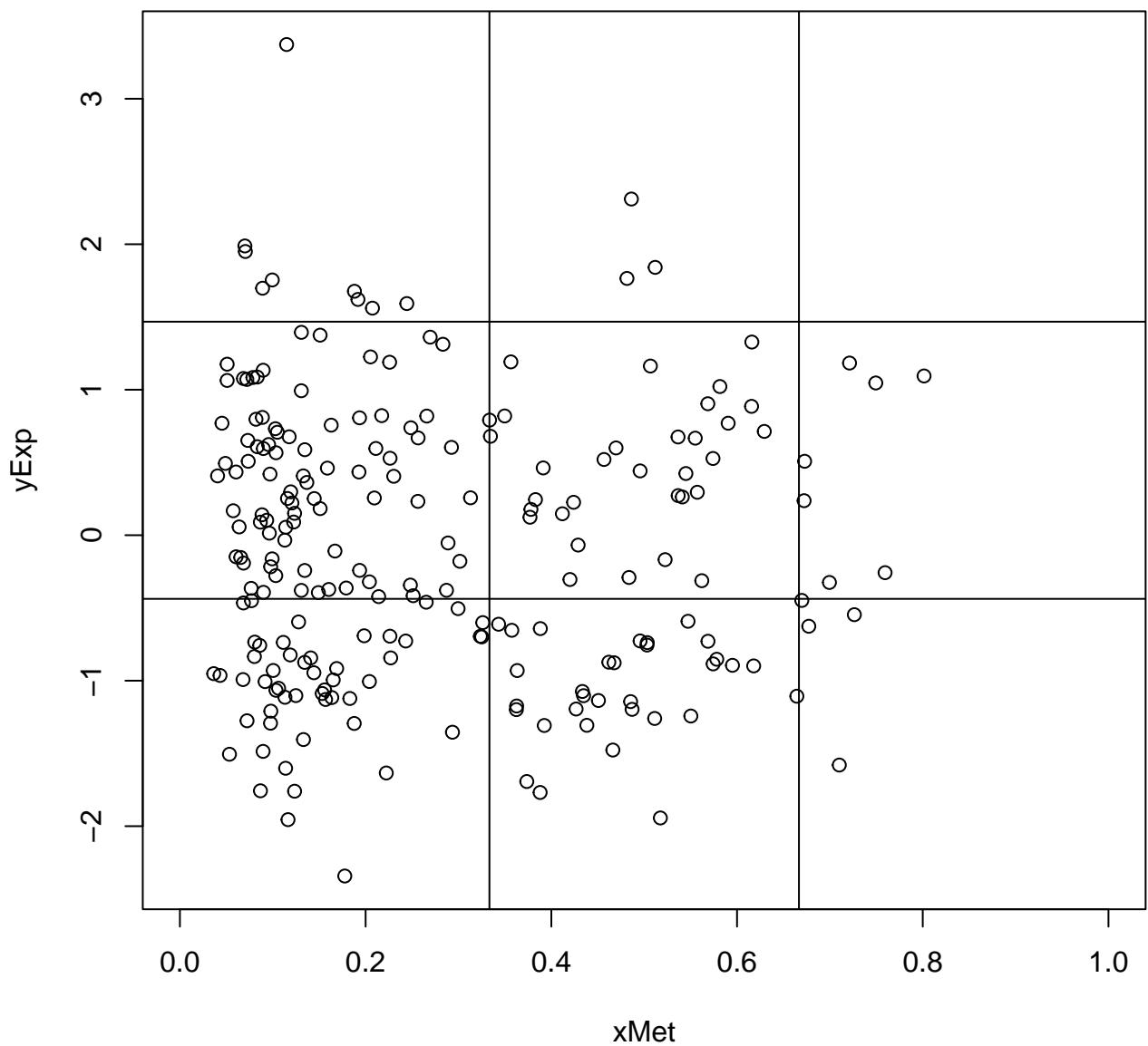
CLDN15, 287



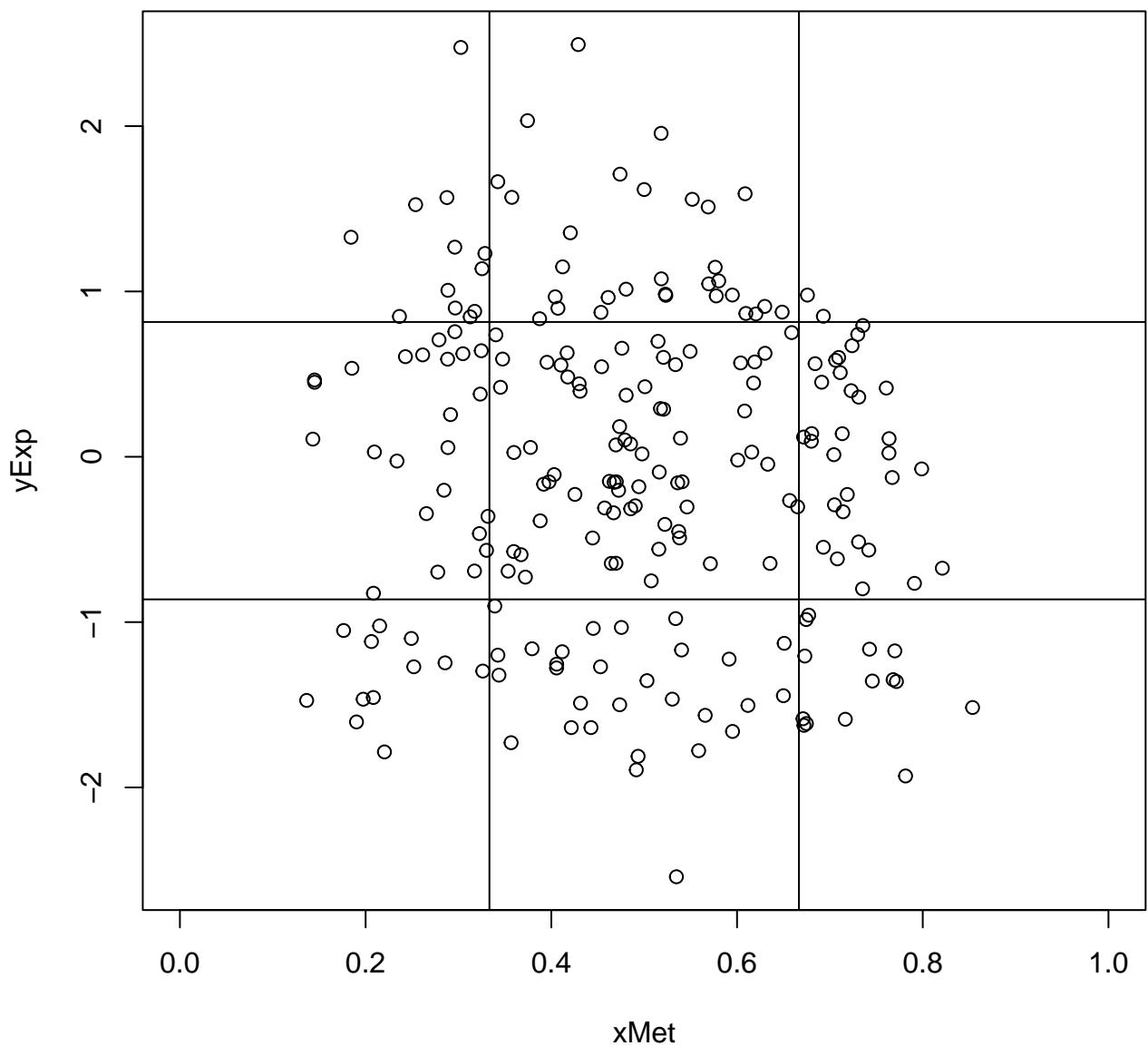
CLDN18, 247.4



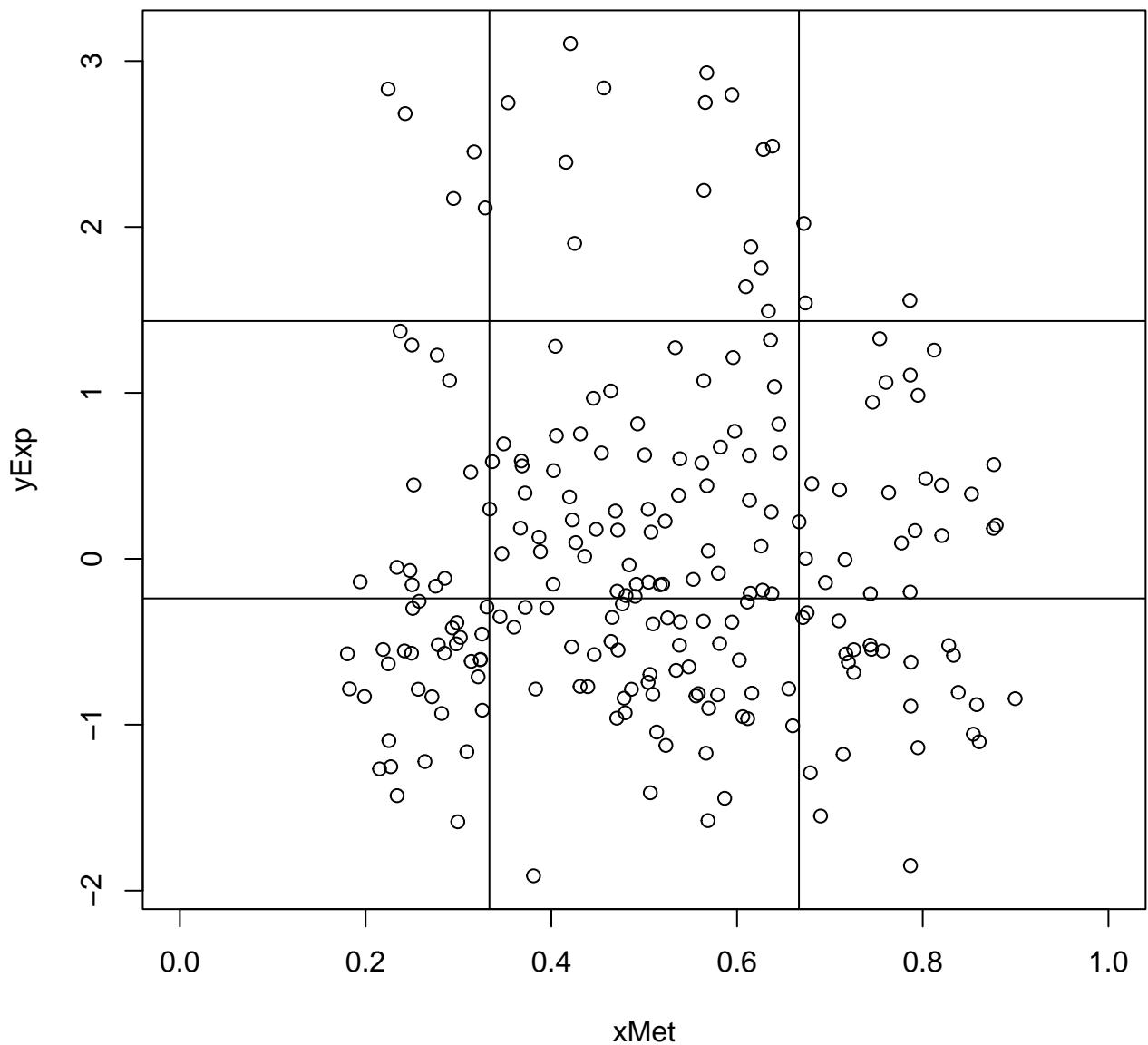
CLDN6, 174



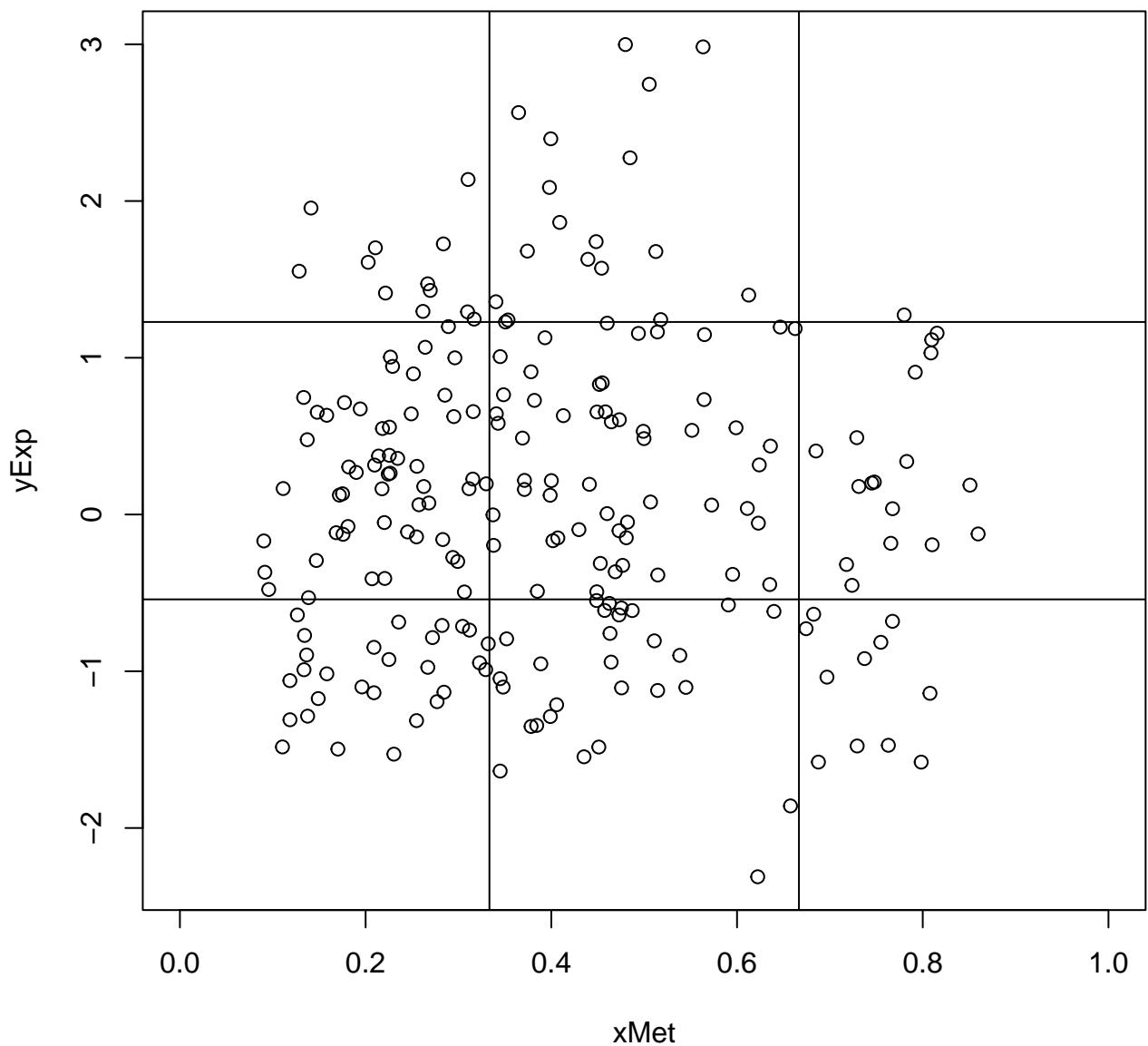
CLEC10A, -92.2



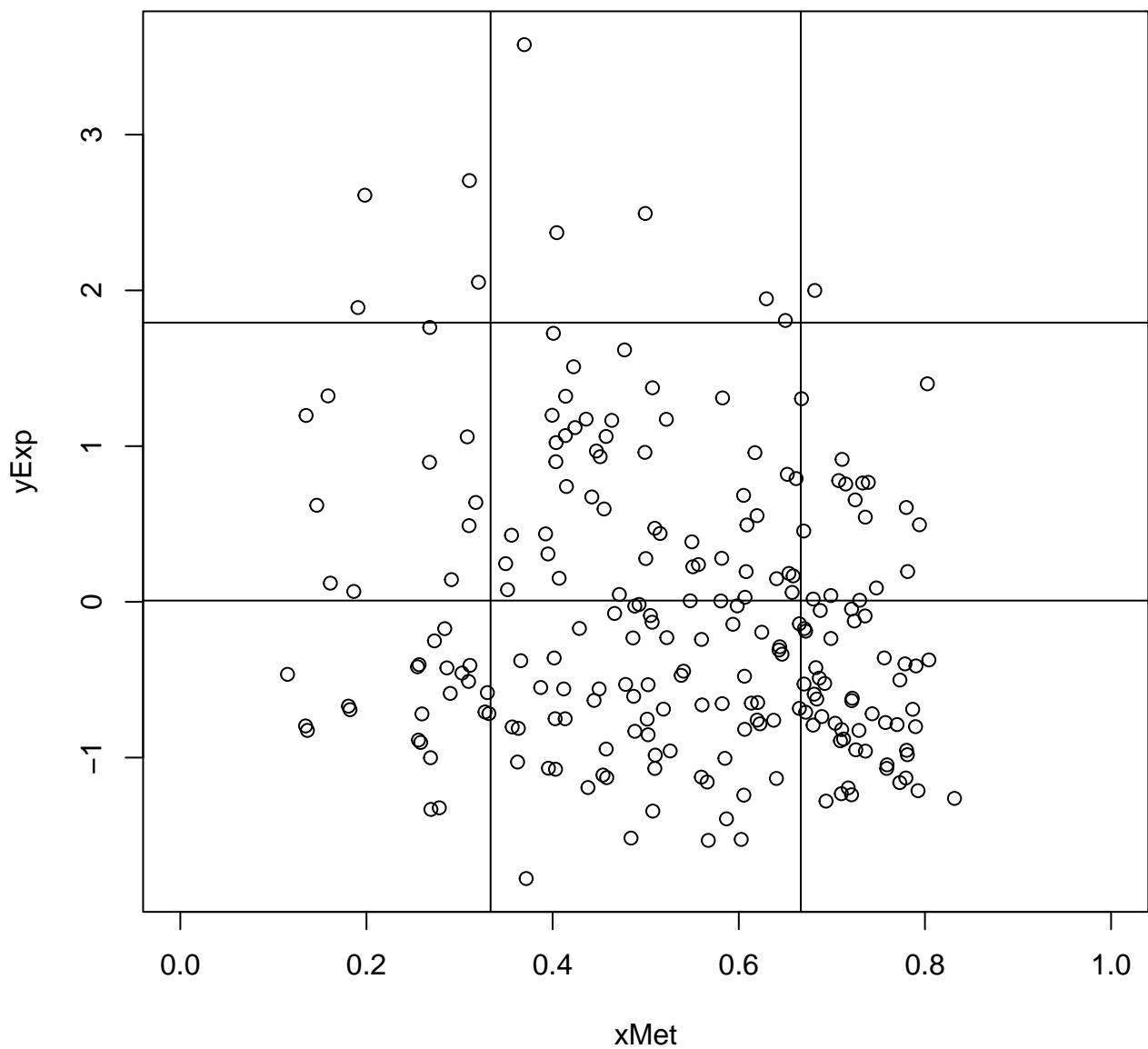
CLEC12A, -62.8



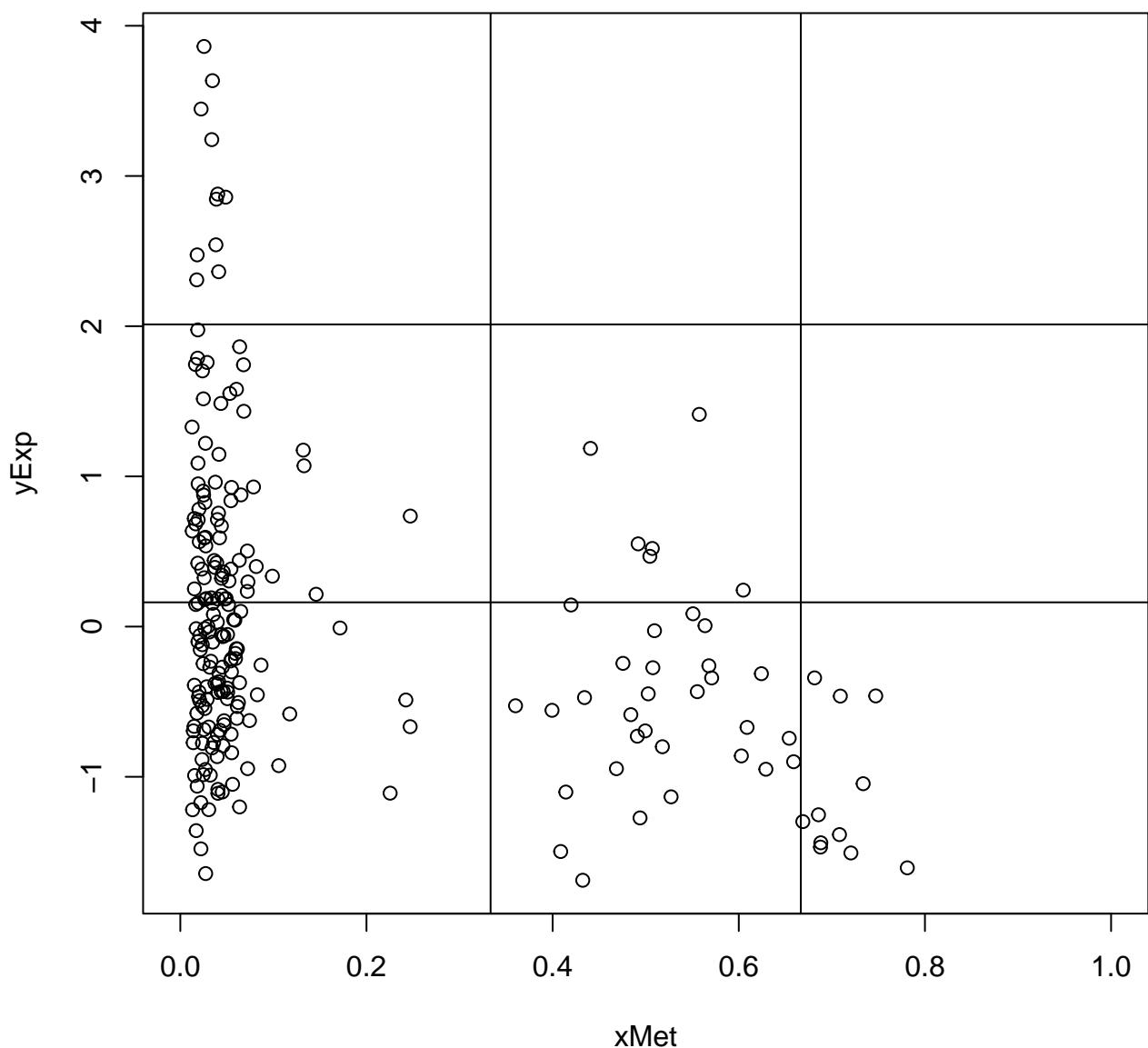
CLEC1A, 43.4



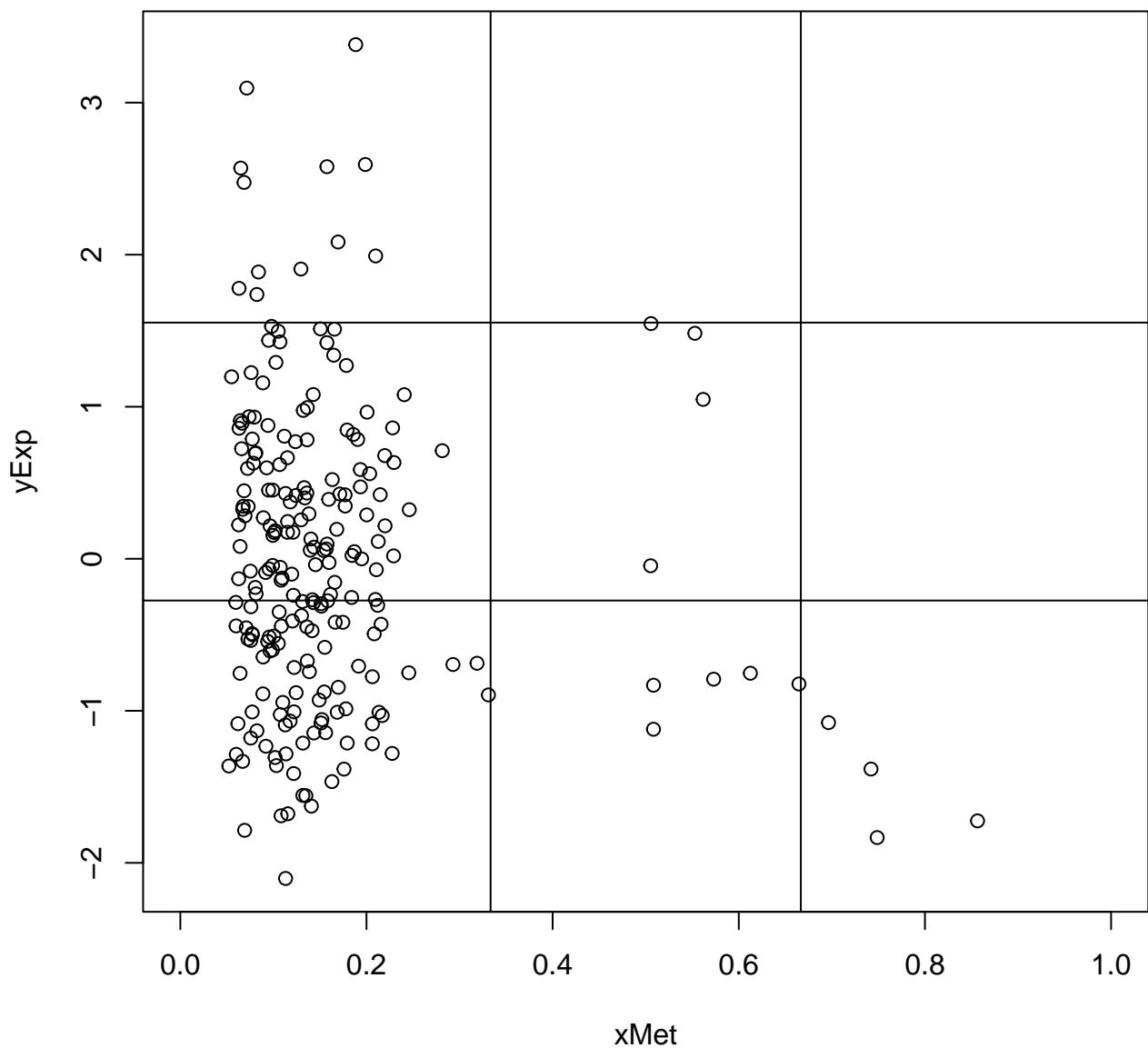
CLEC5A, 115.4



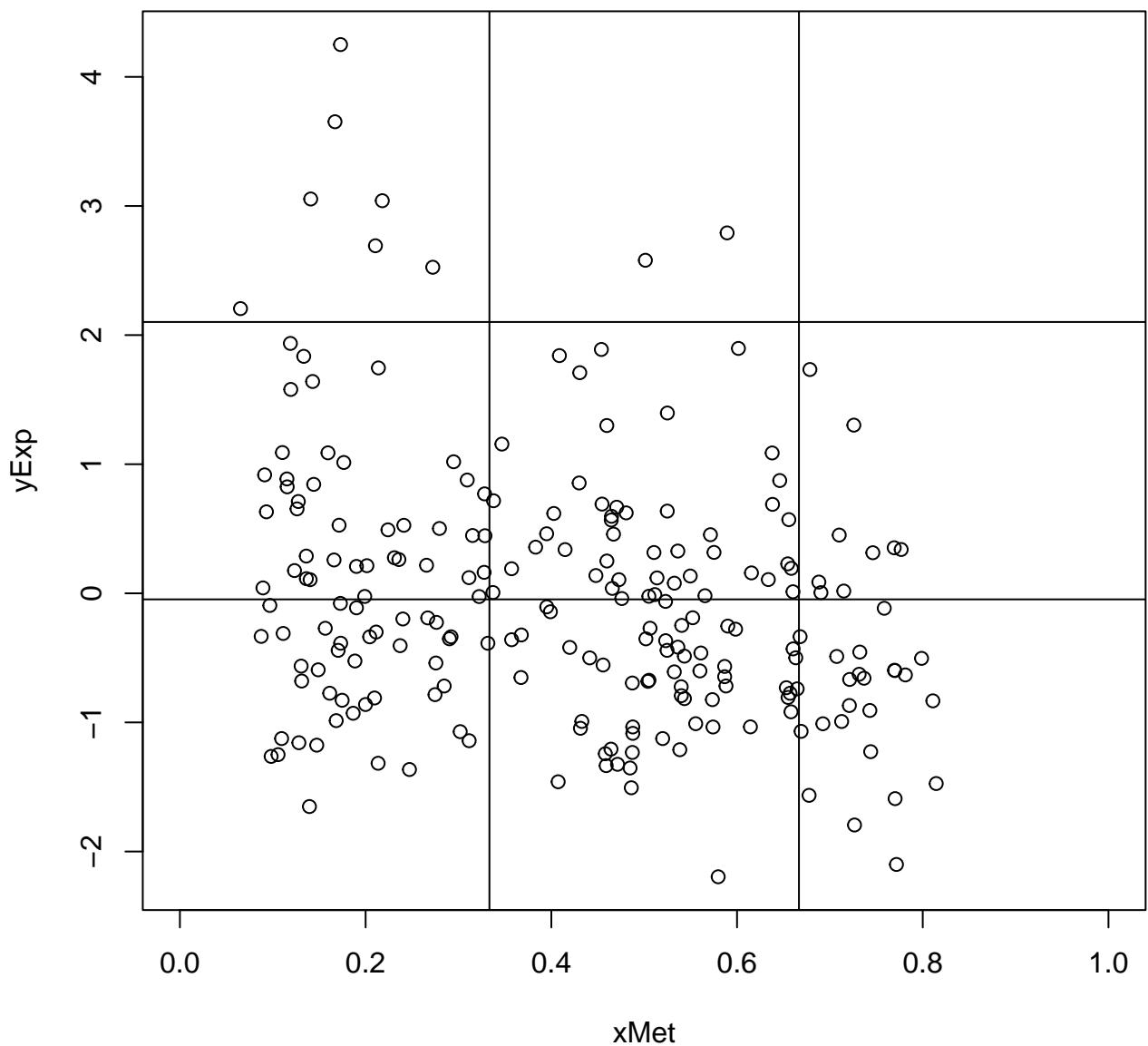
CLGN, 239



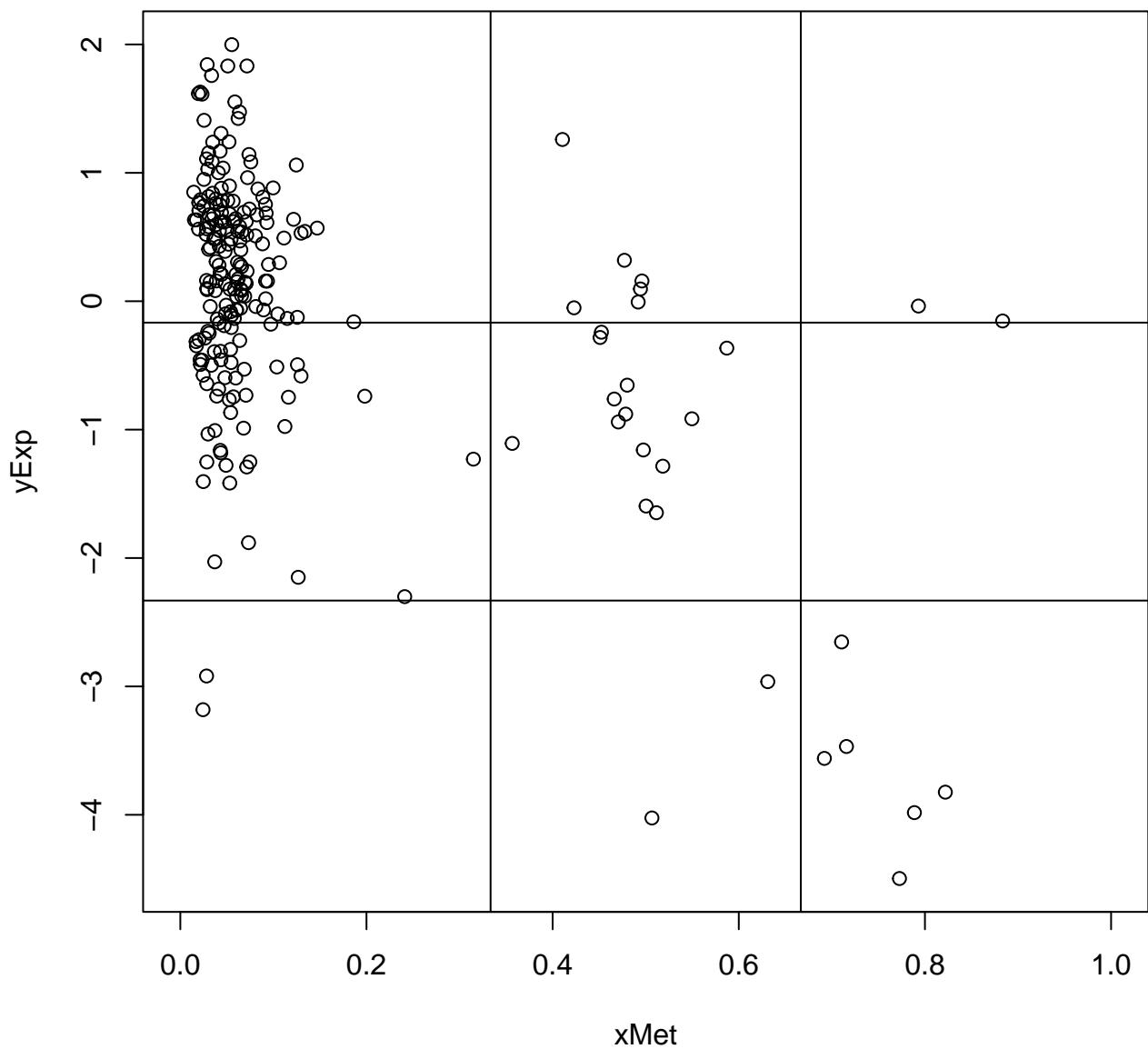
CLPSL2, 235



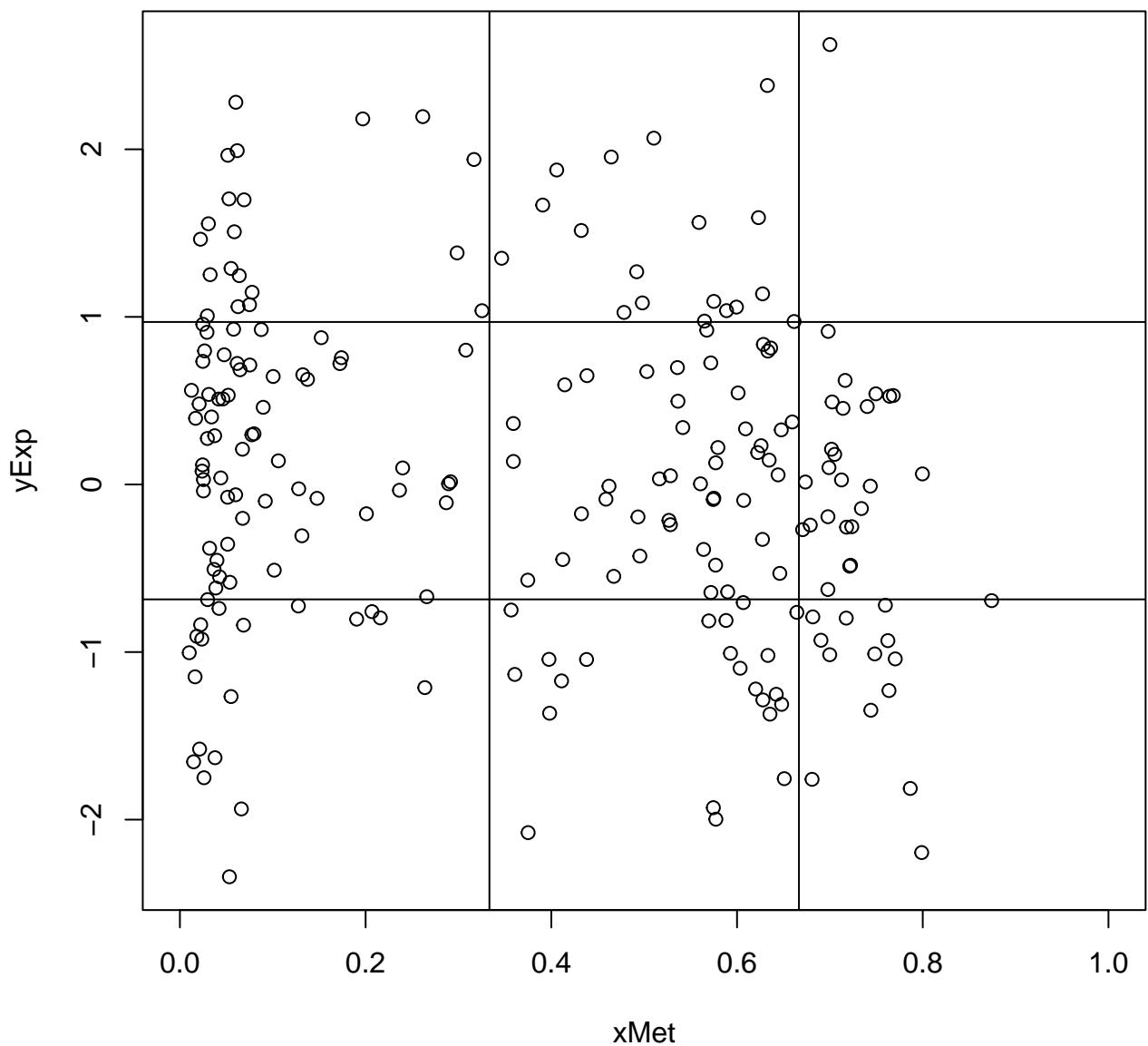
CLSTN2, 174



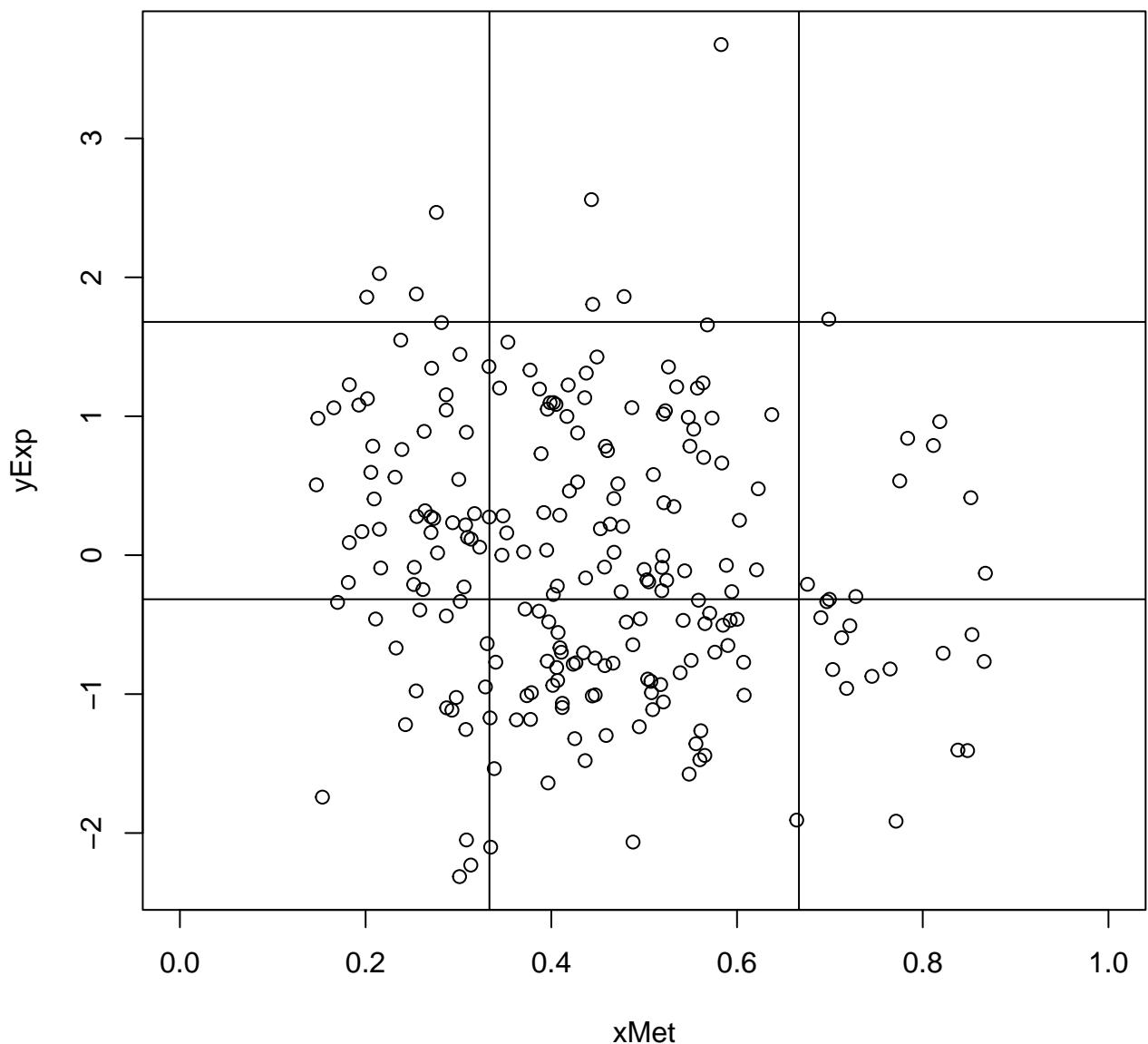
CMBL, 245.8



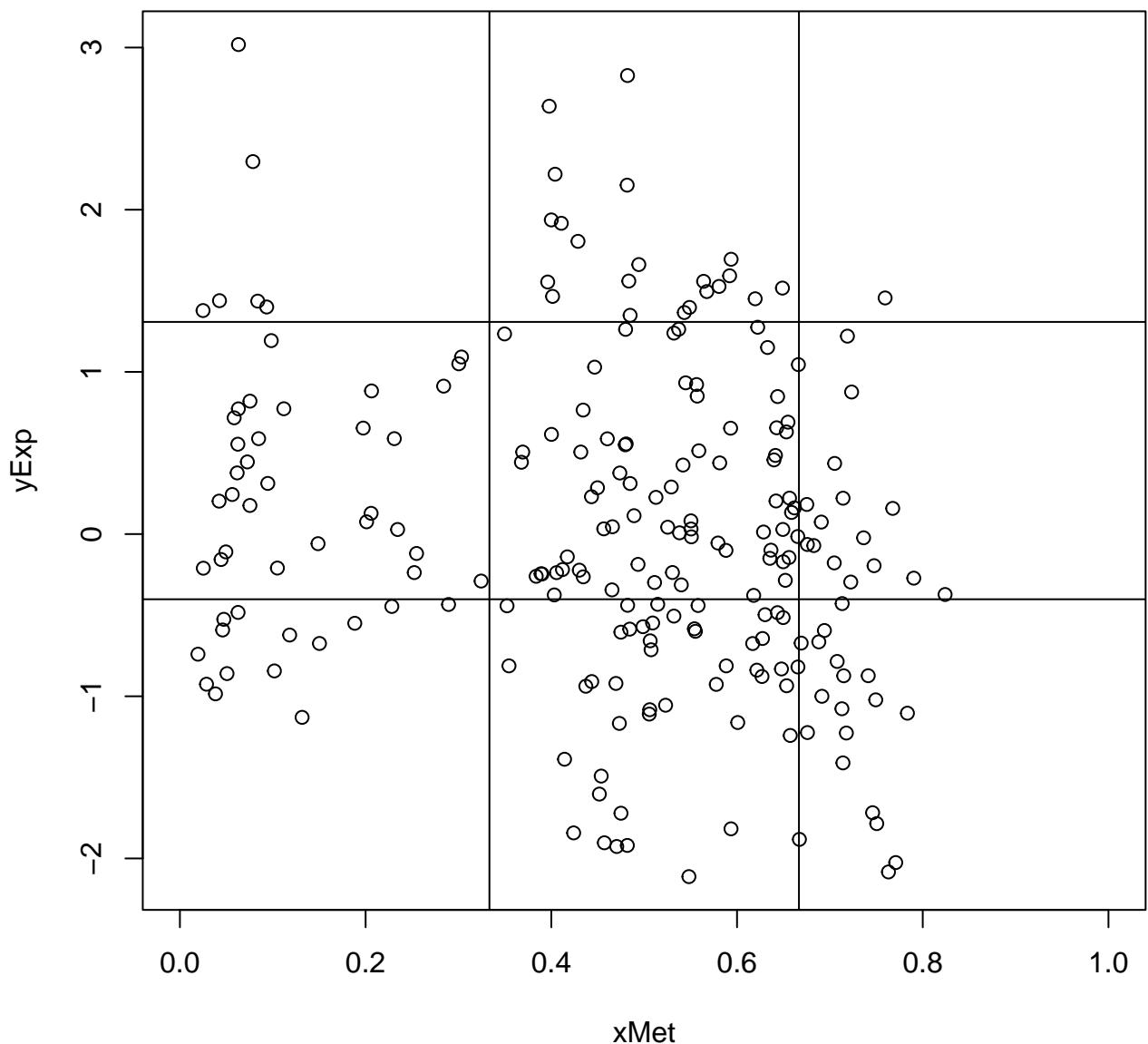
CNIH3, 40.4



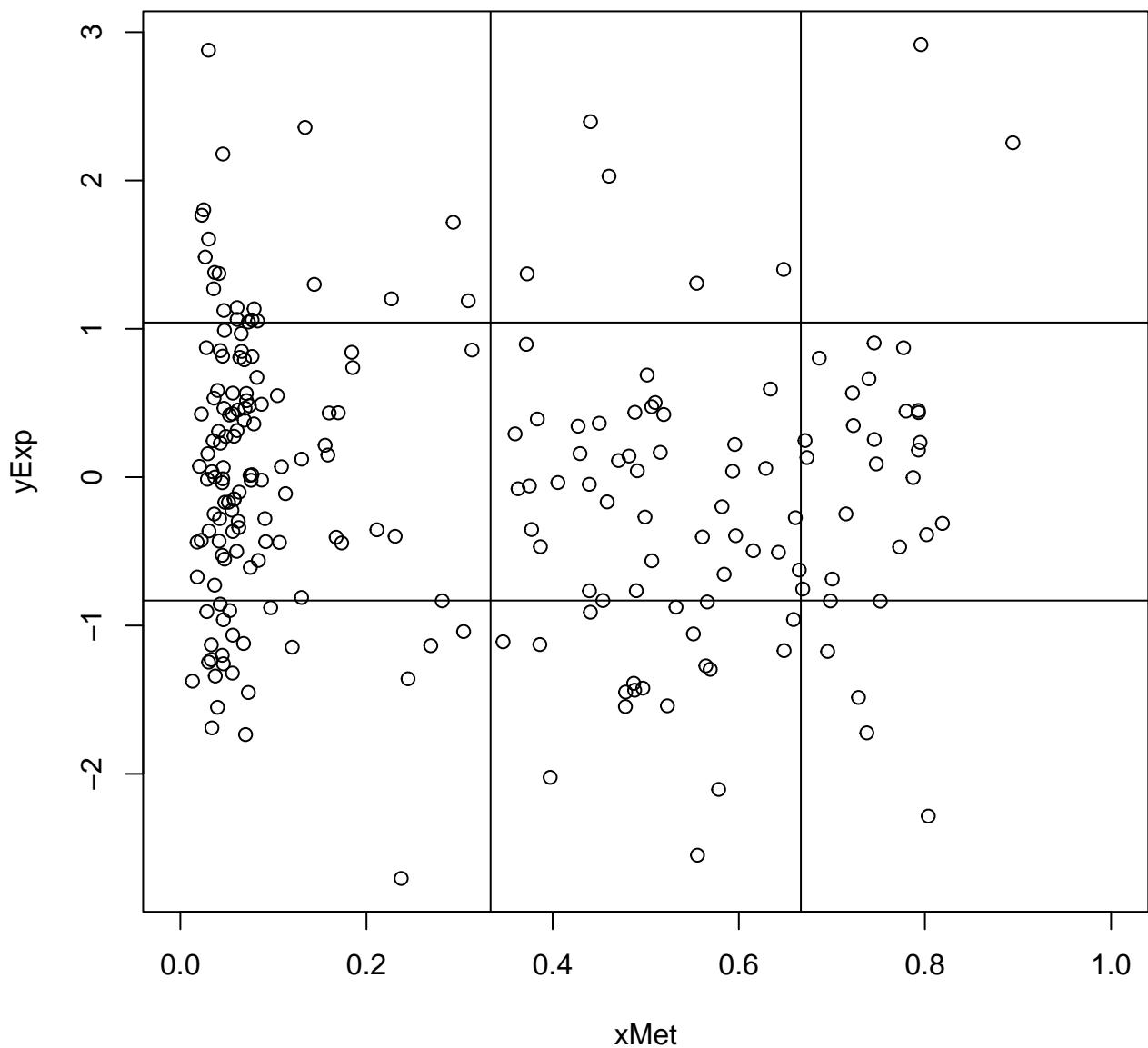
CNTNAP4, 92.4



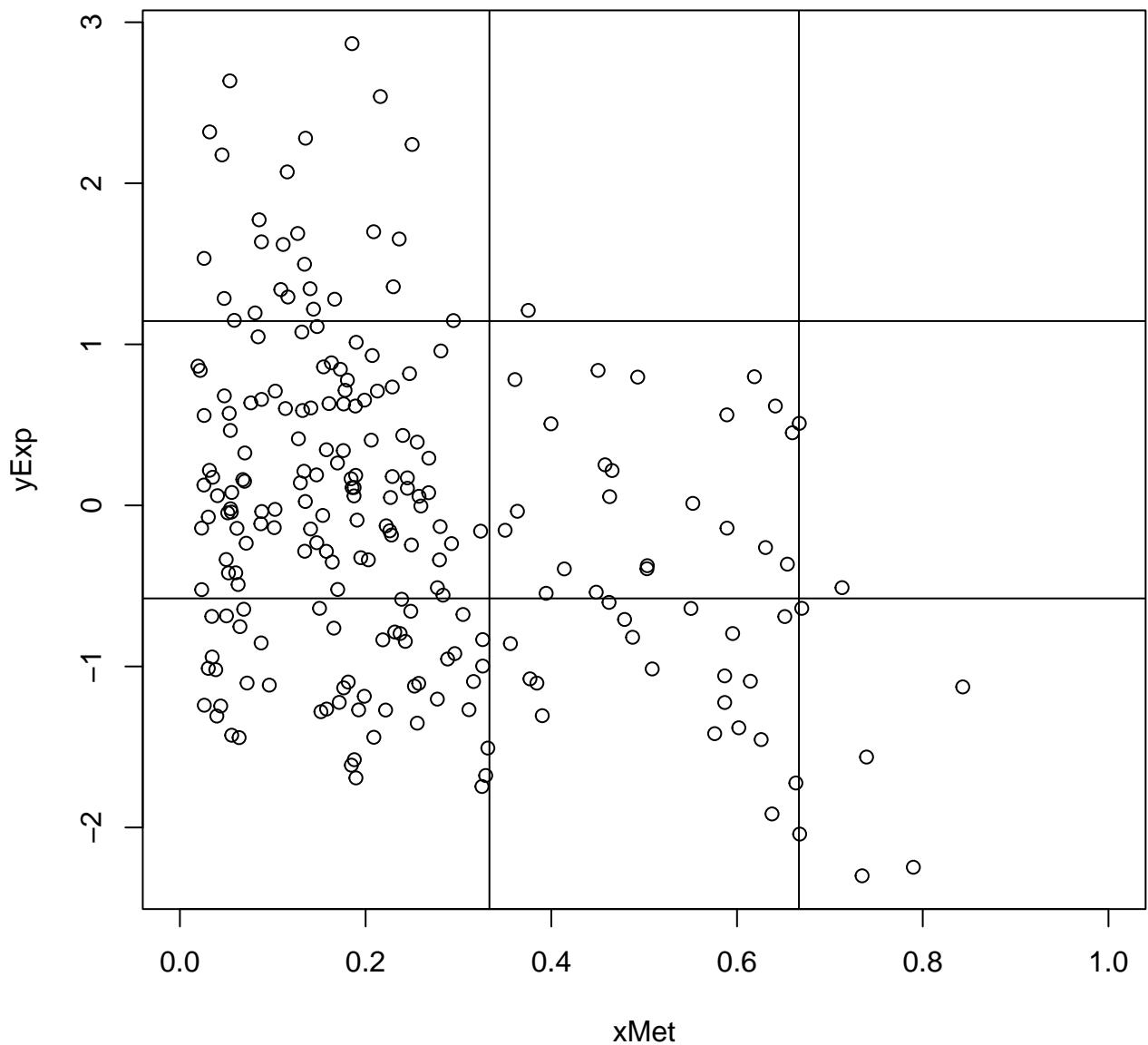
COL14A1, 22.4



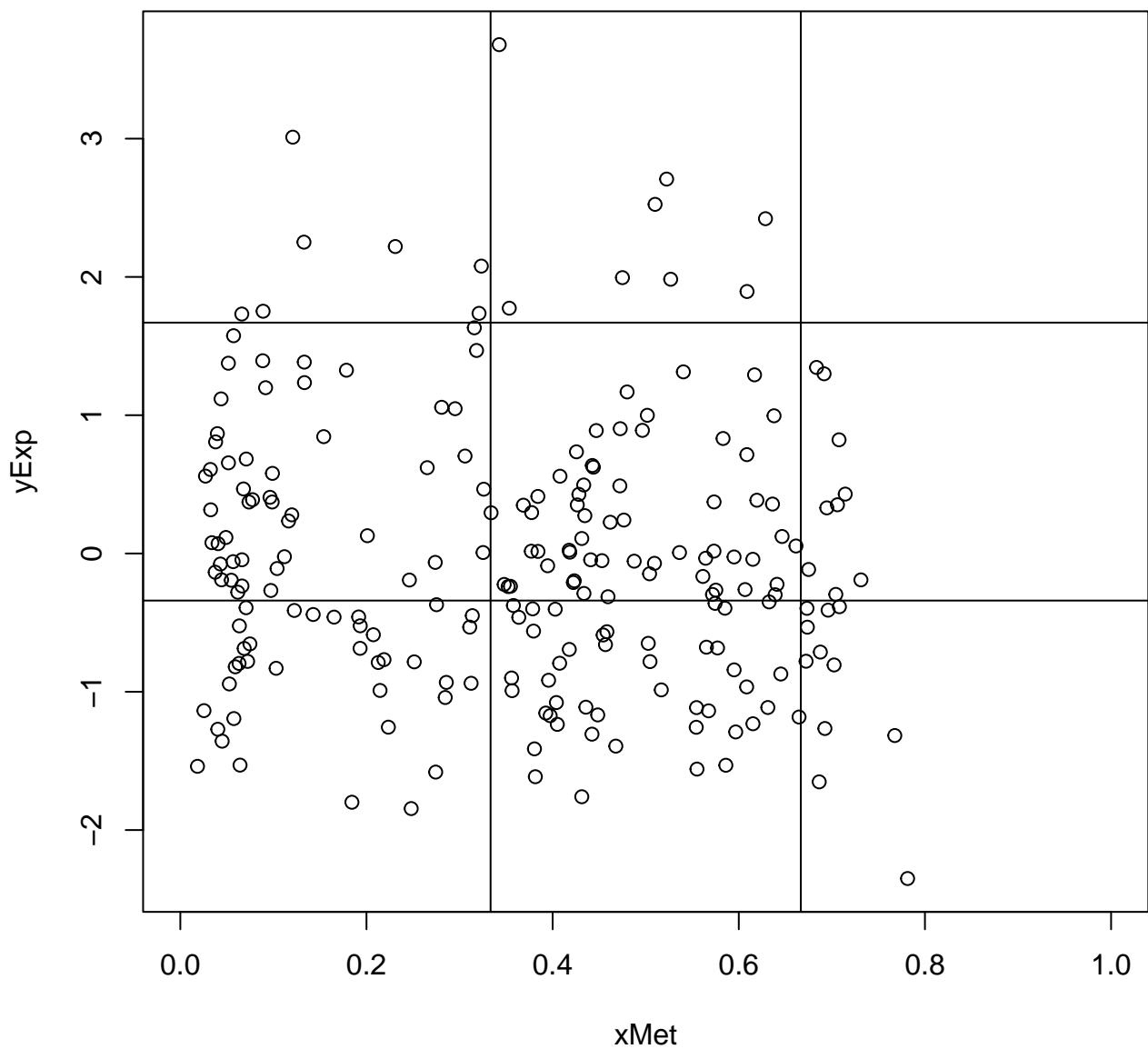
COL19A1, 39.8



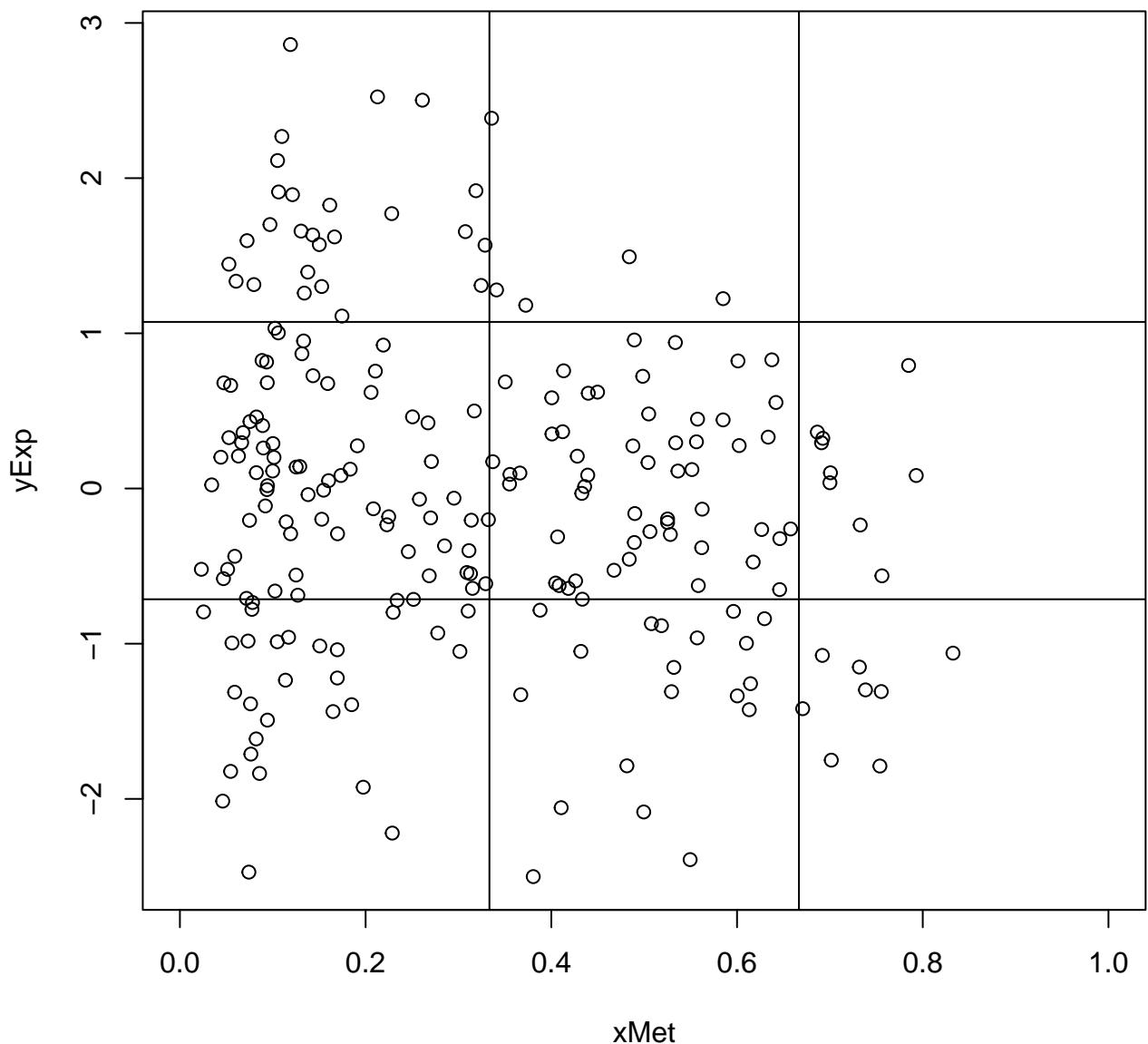
COL27A1, 224



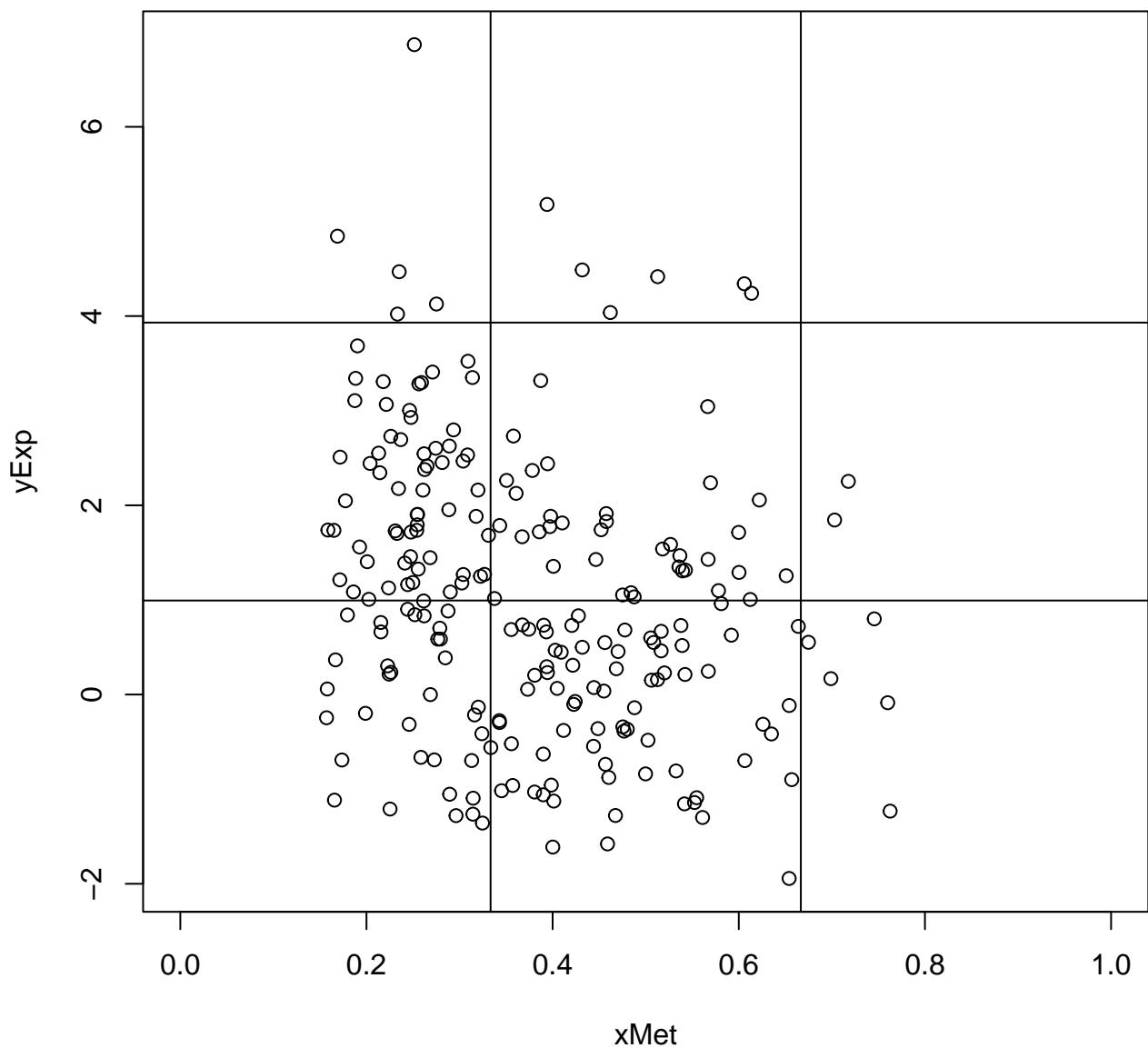
COL7A1, 131



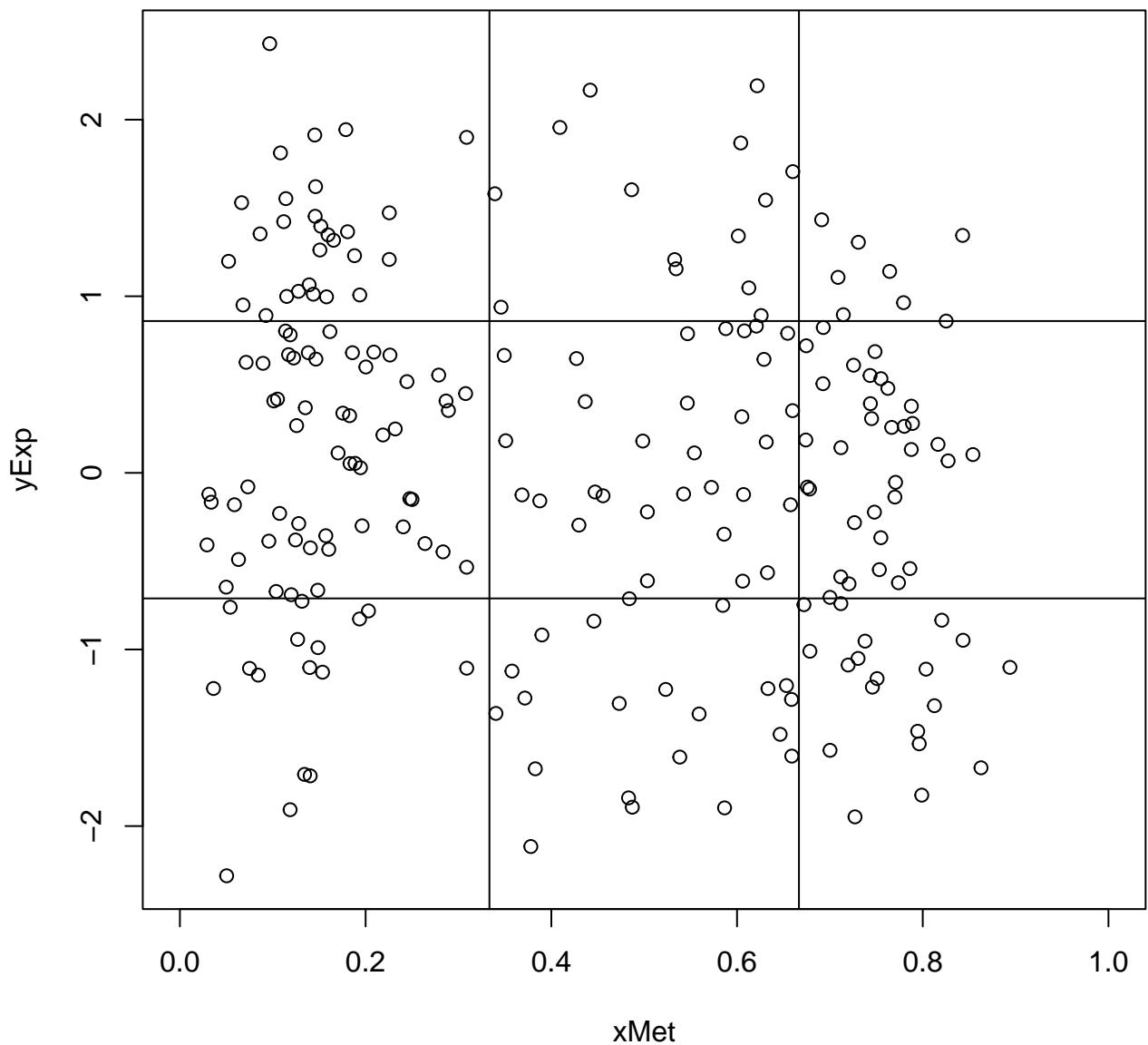
COL8A1, 161



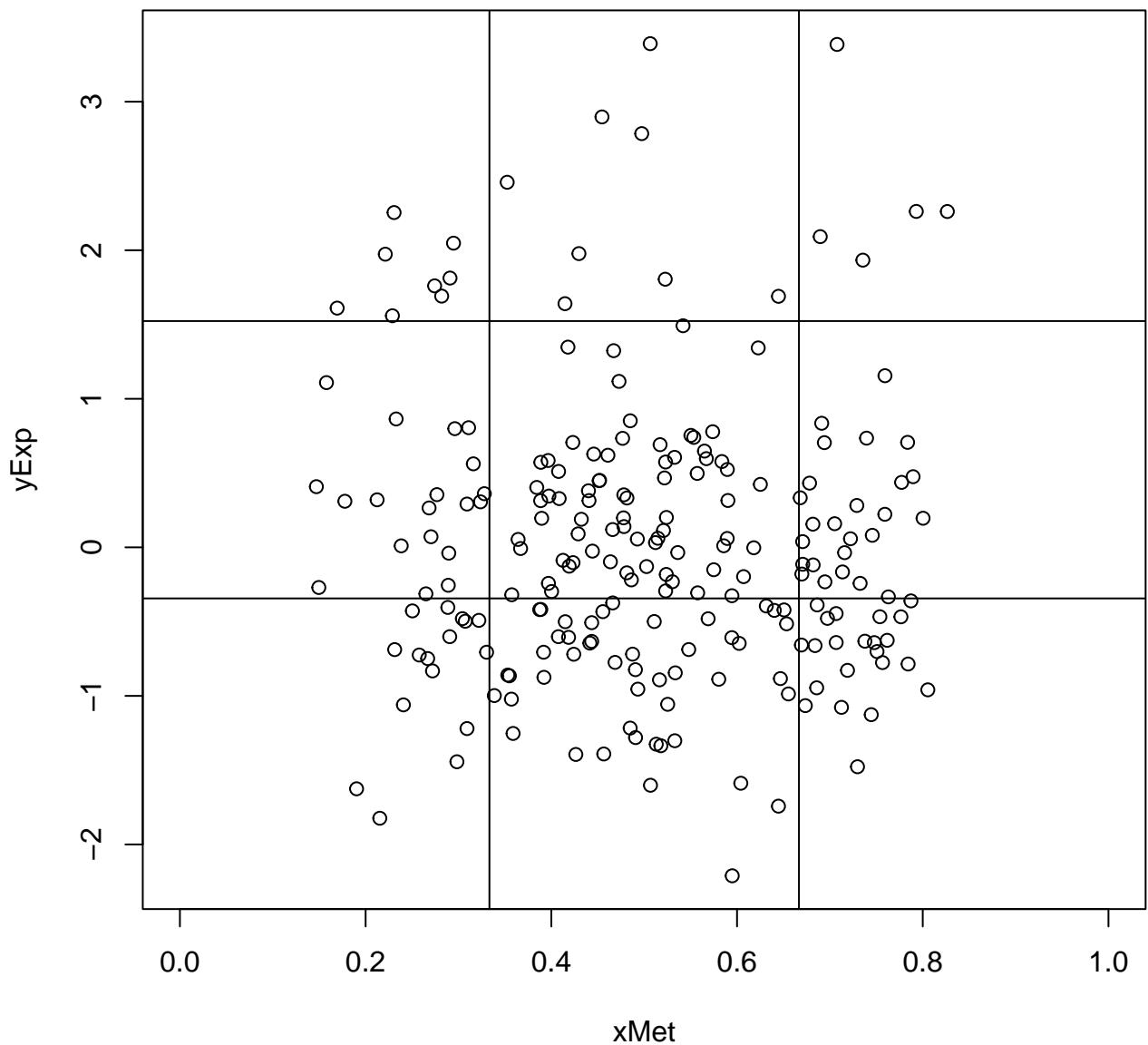
COL9A3, 173



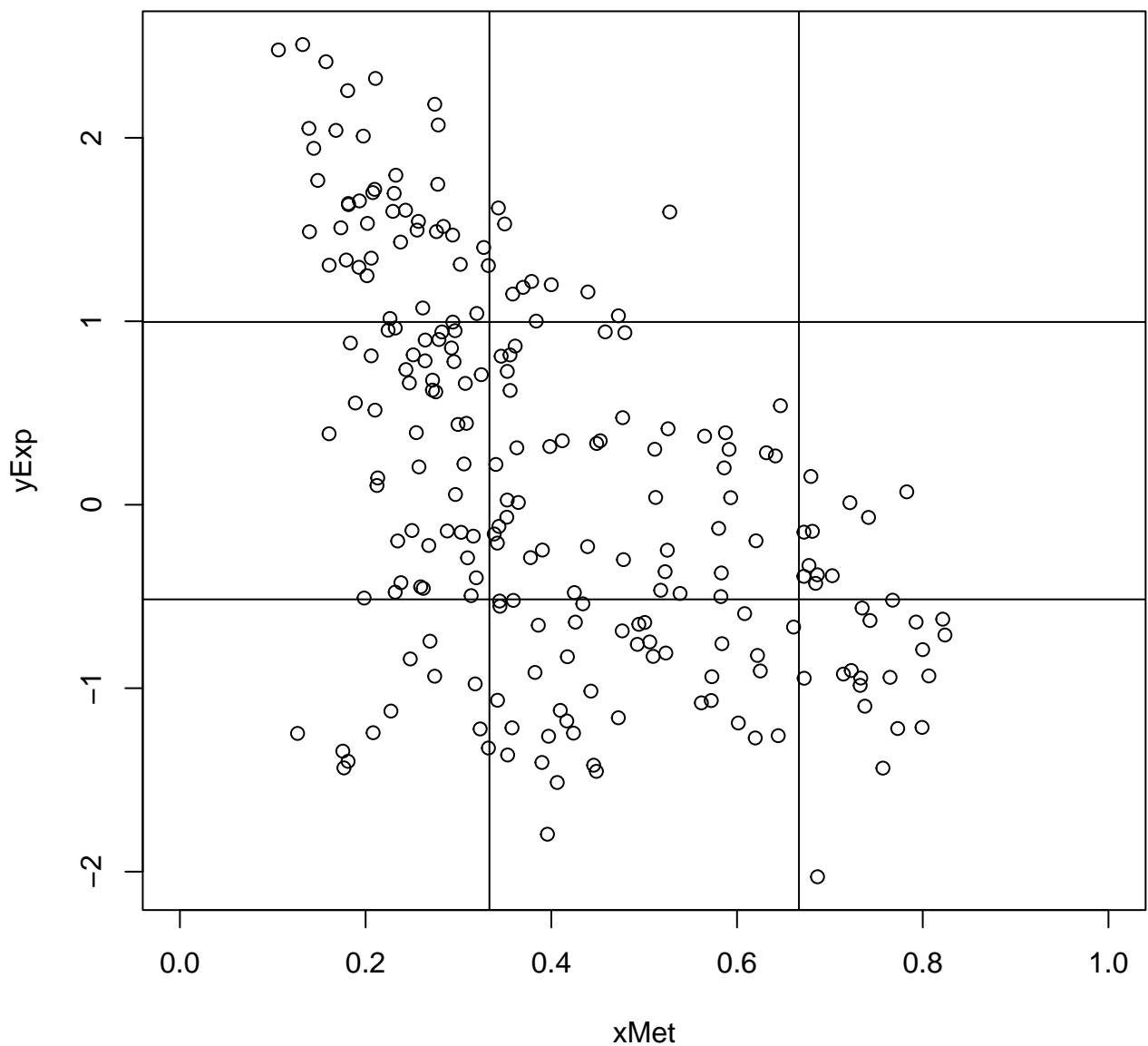
COMP, -223.2



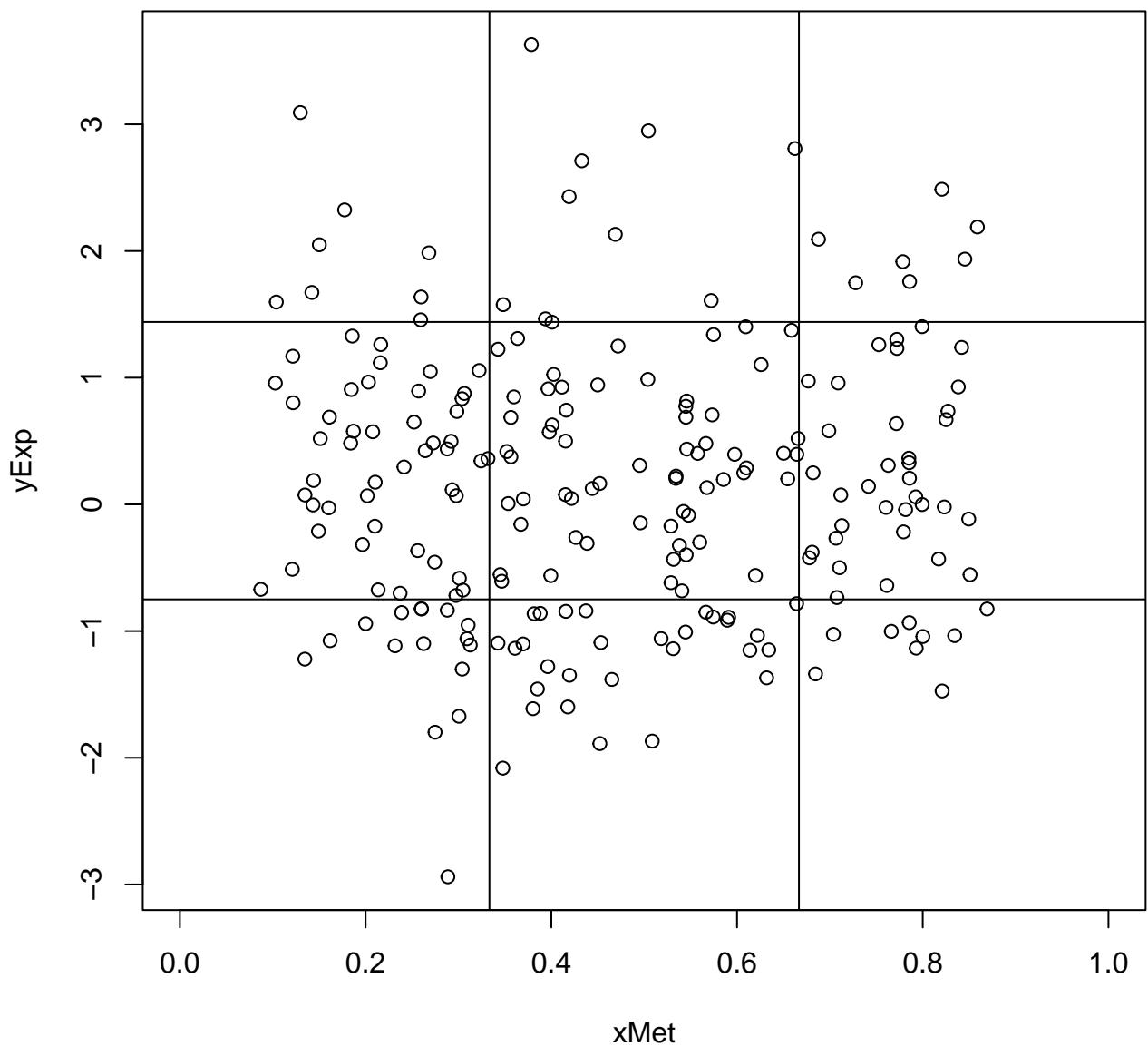
COX6A2, -146



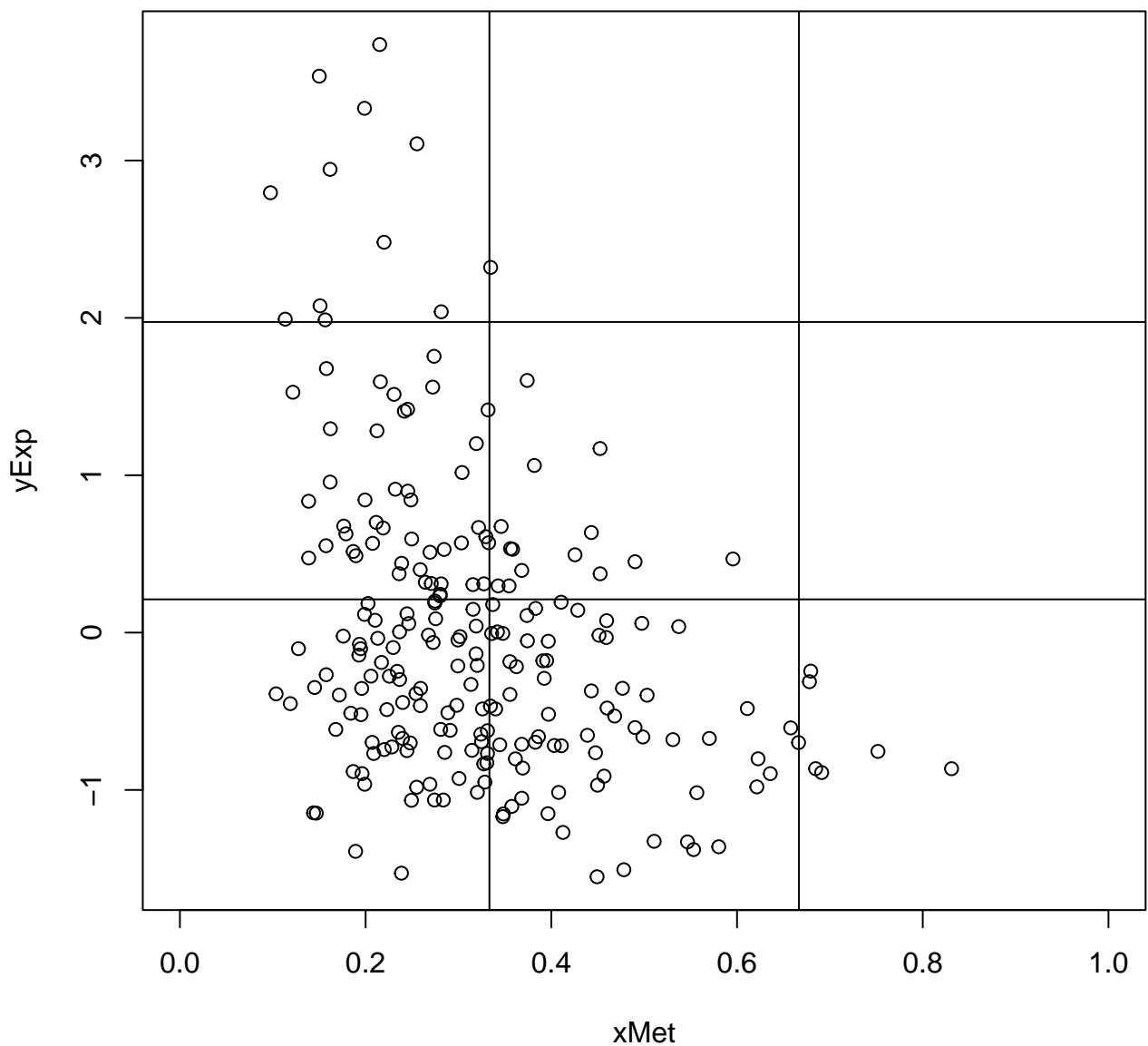
CPA6, 177



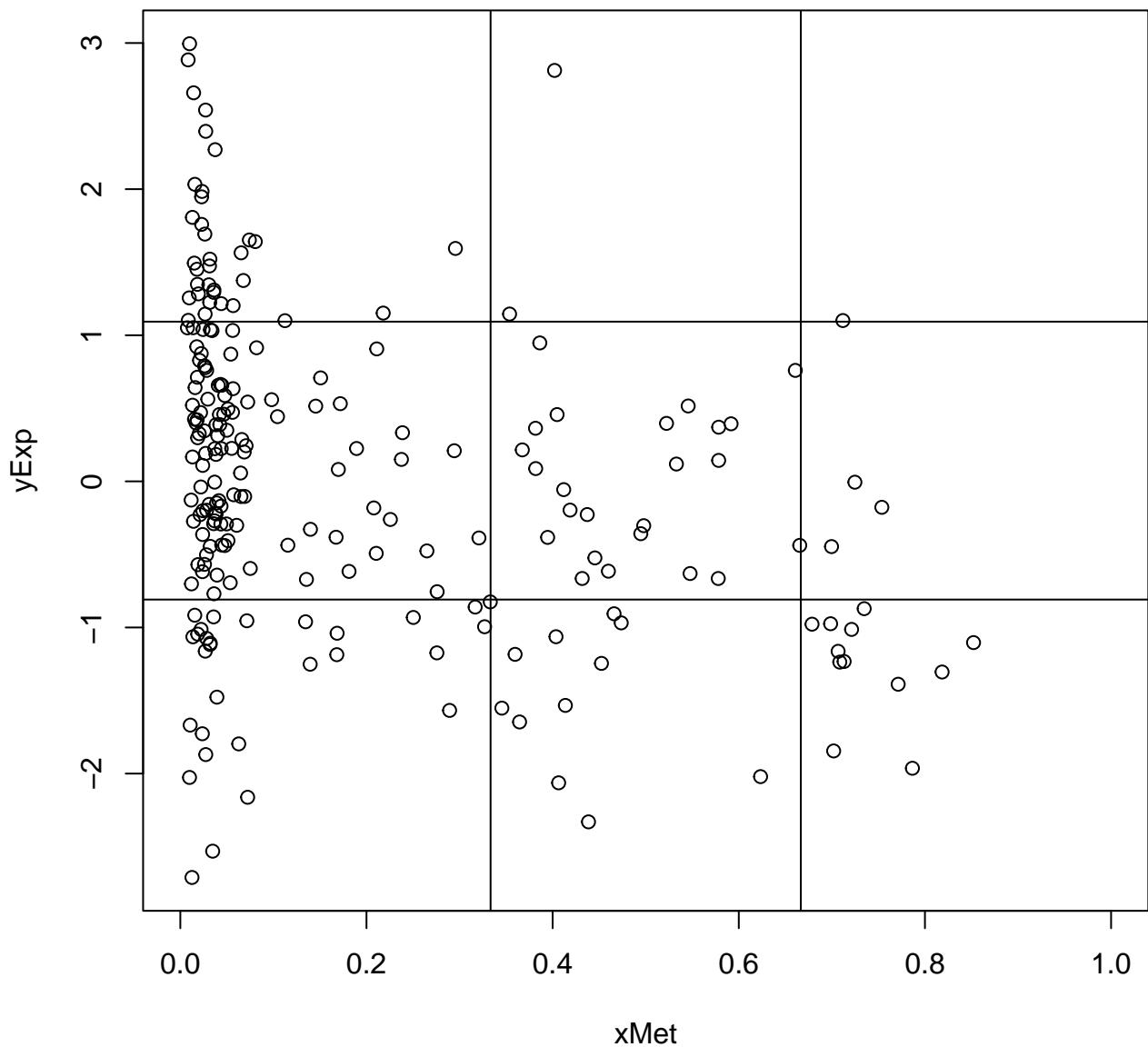
CPB2, -274.2



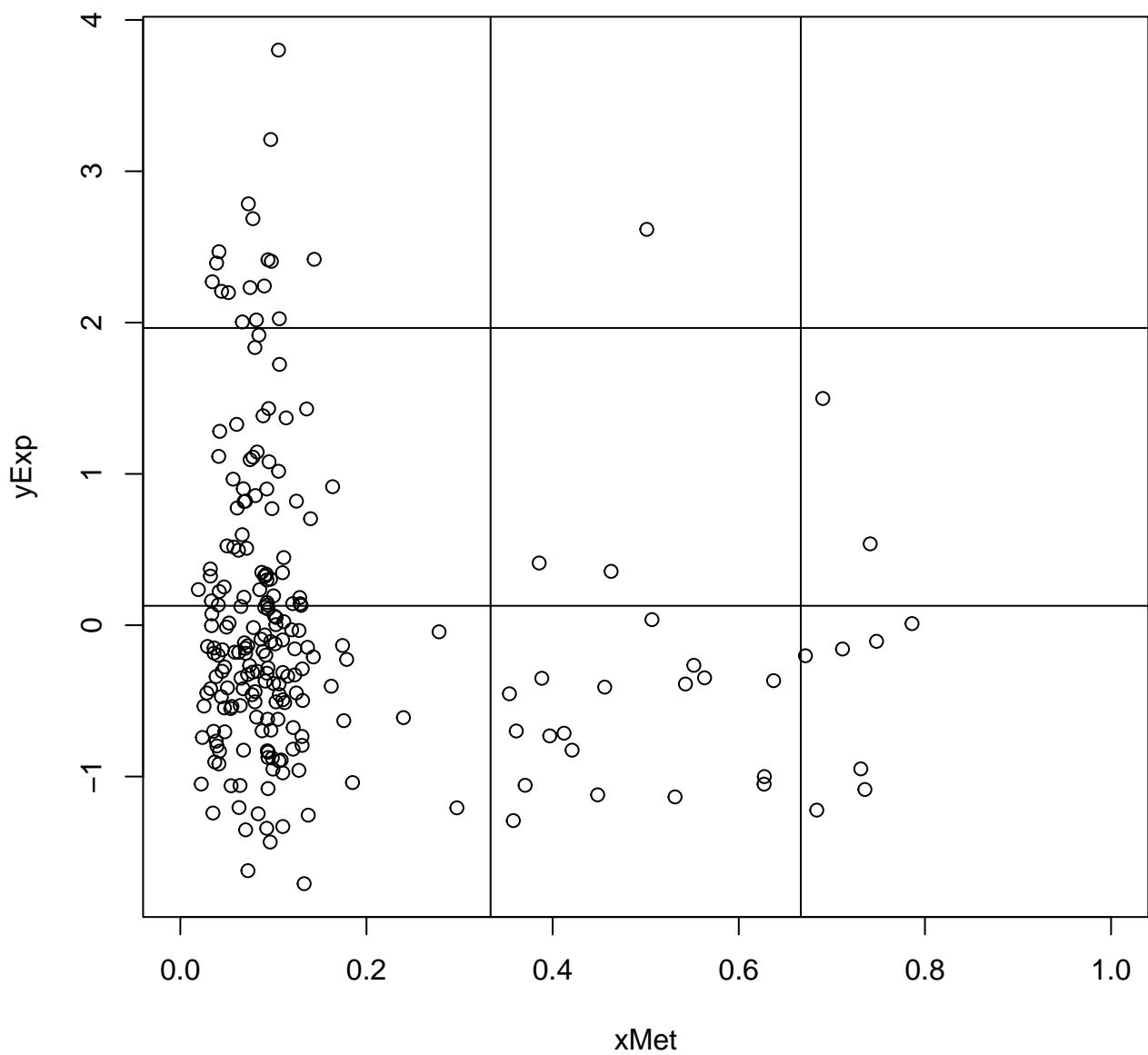
CPN1, 223



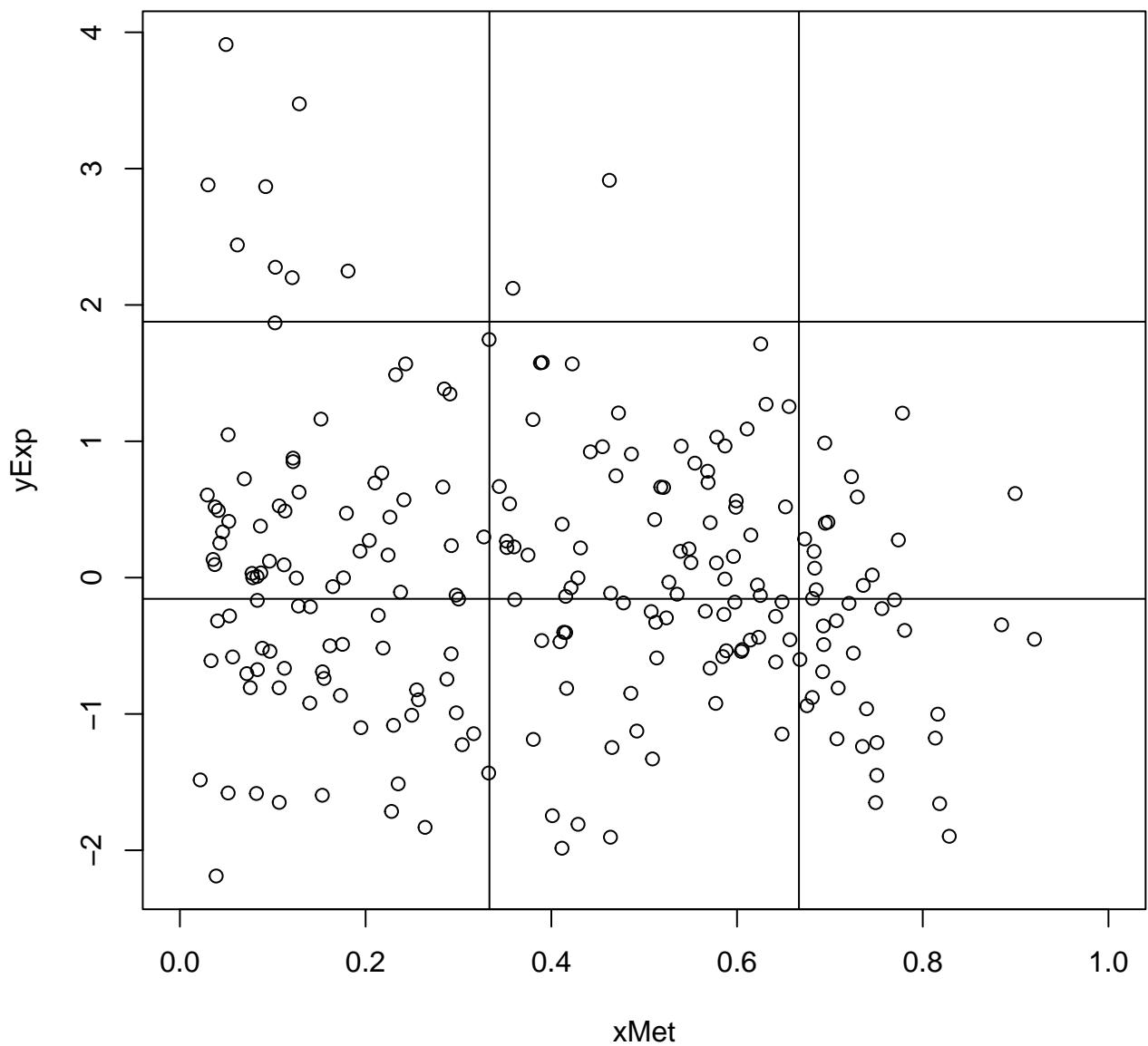
CPNE8, 184.4



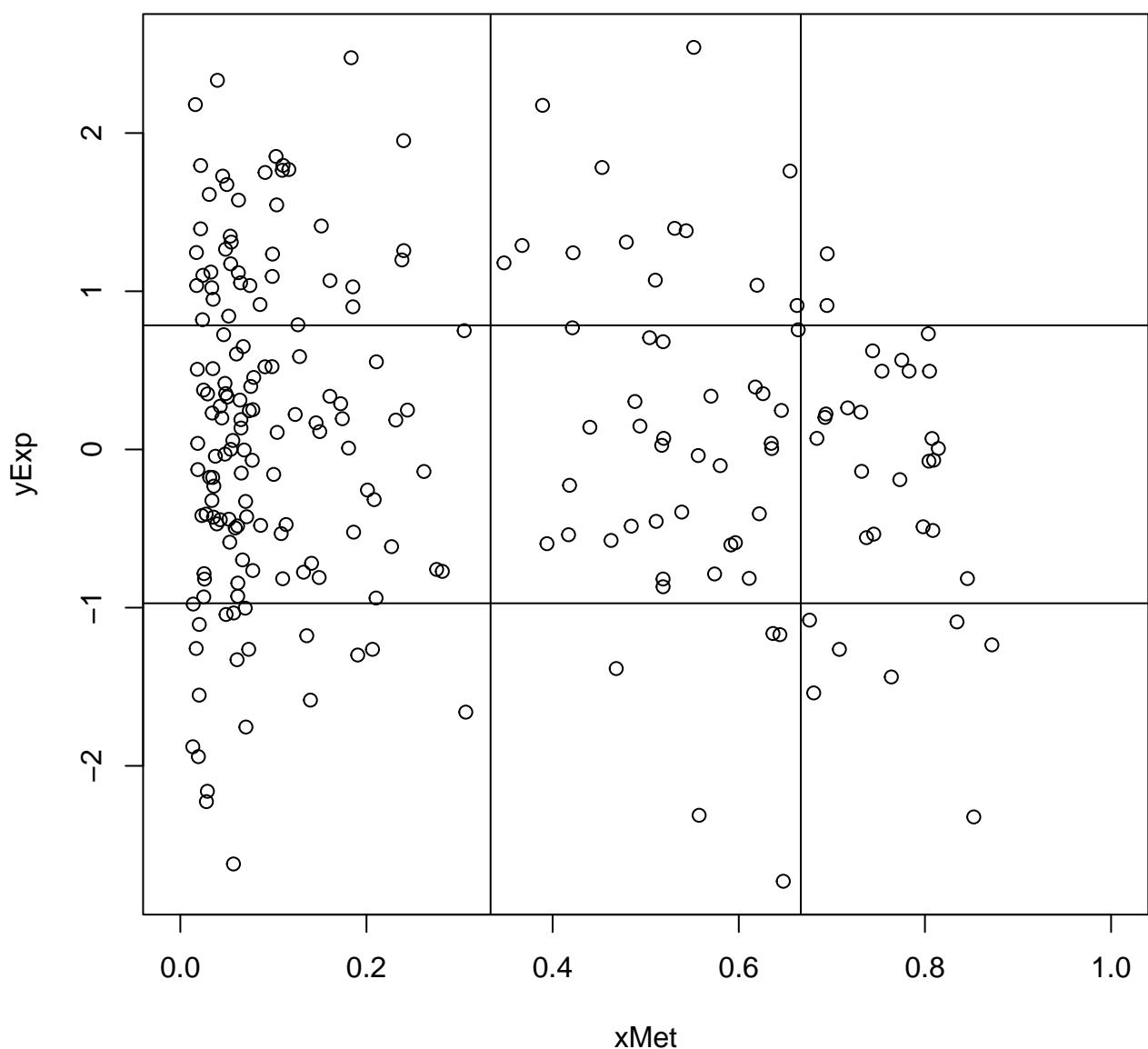
CPNE9, 236



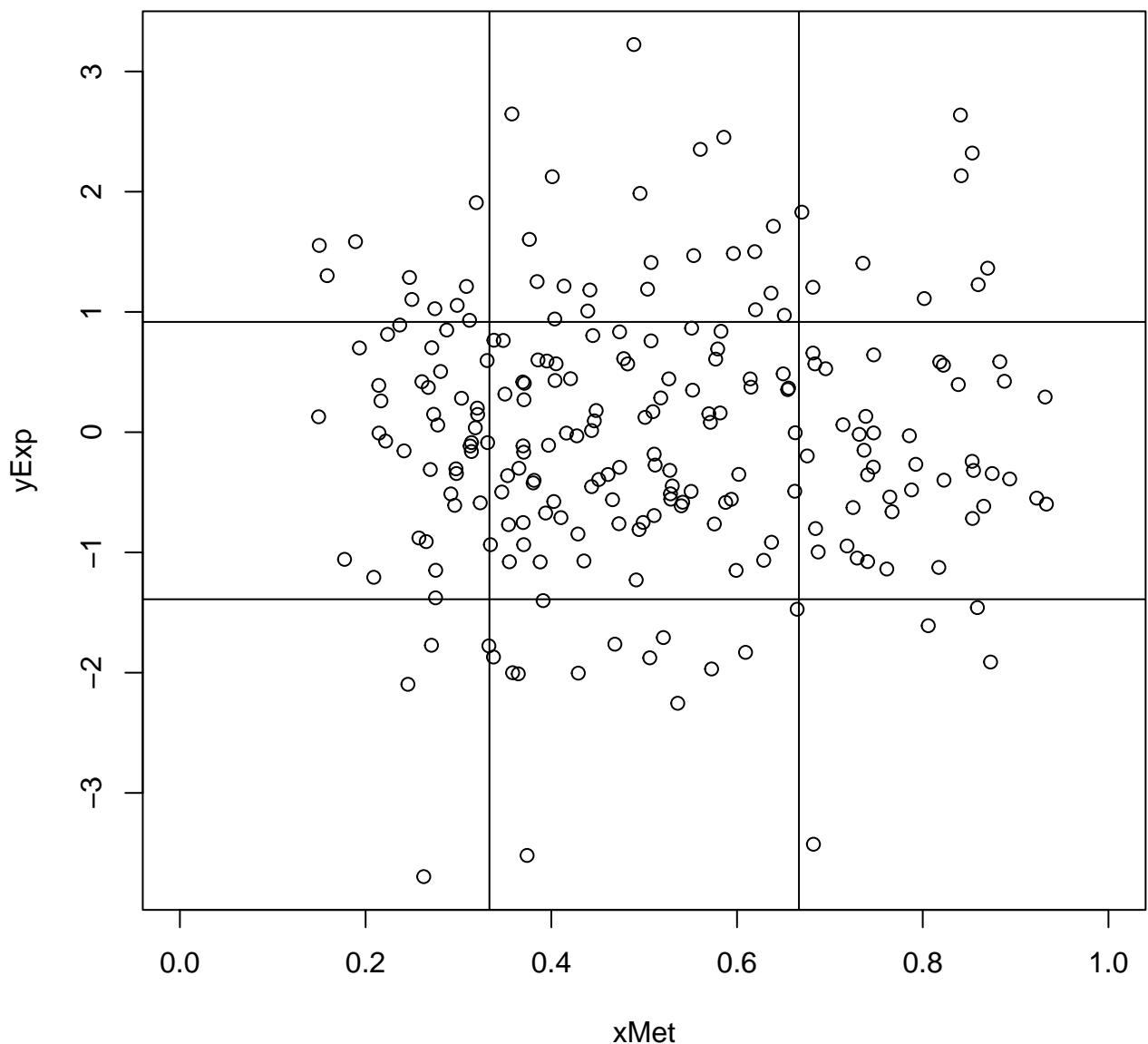
CPT1C, 156



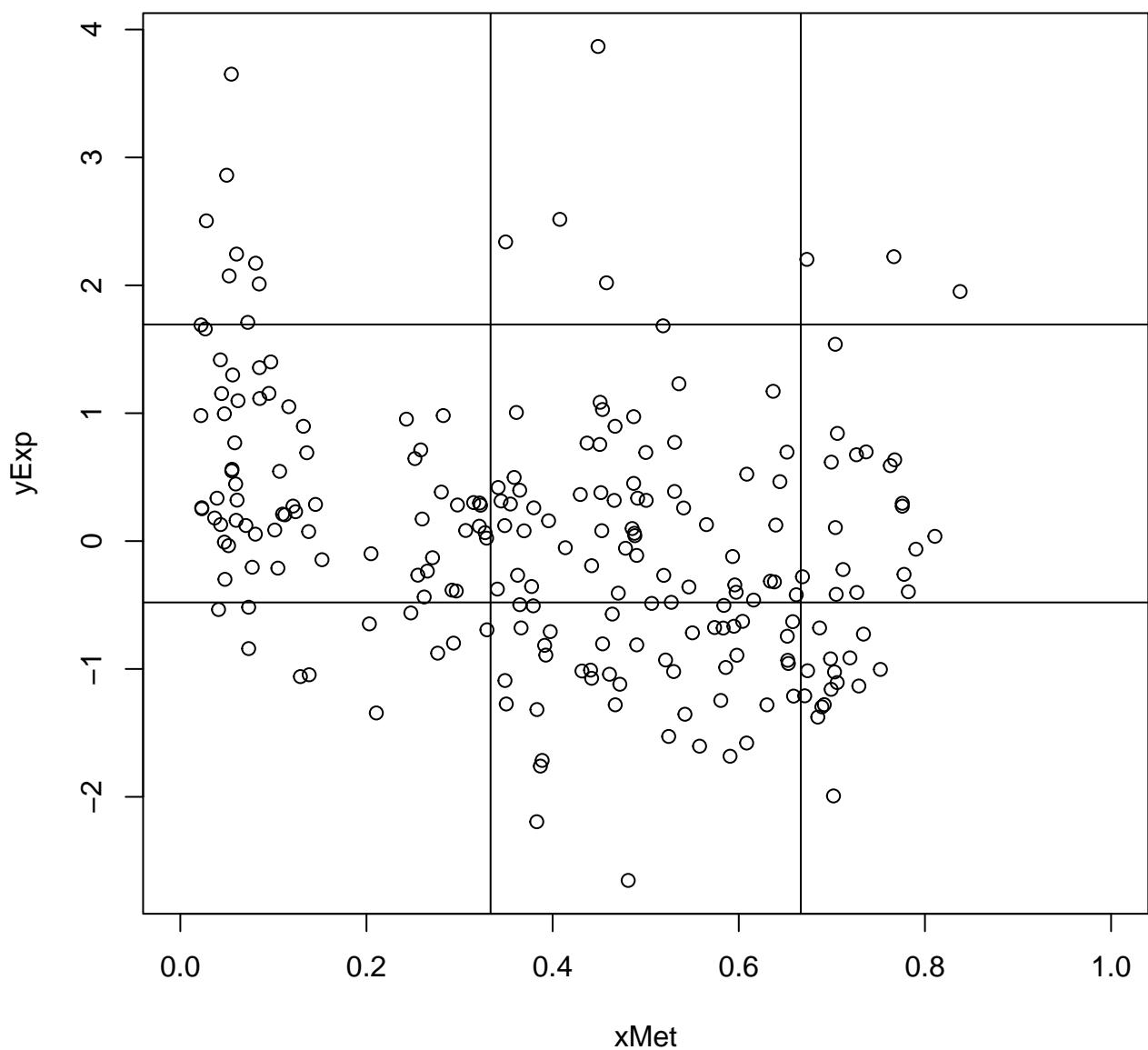
CPZ, 43.8



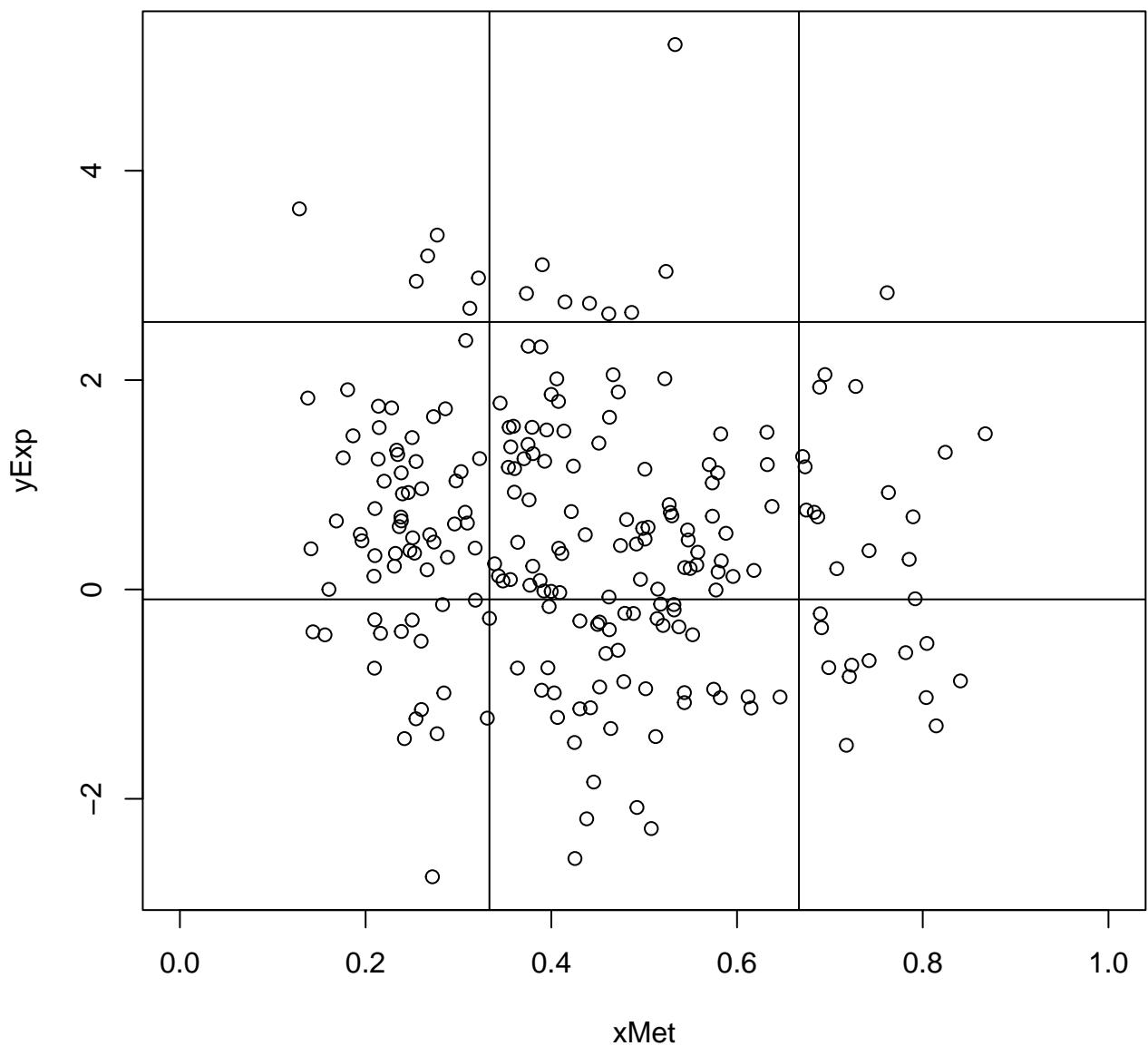
CRB1, -441.4



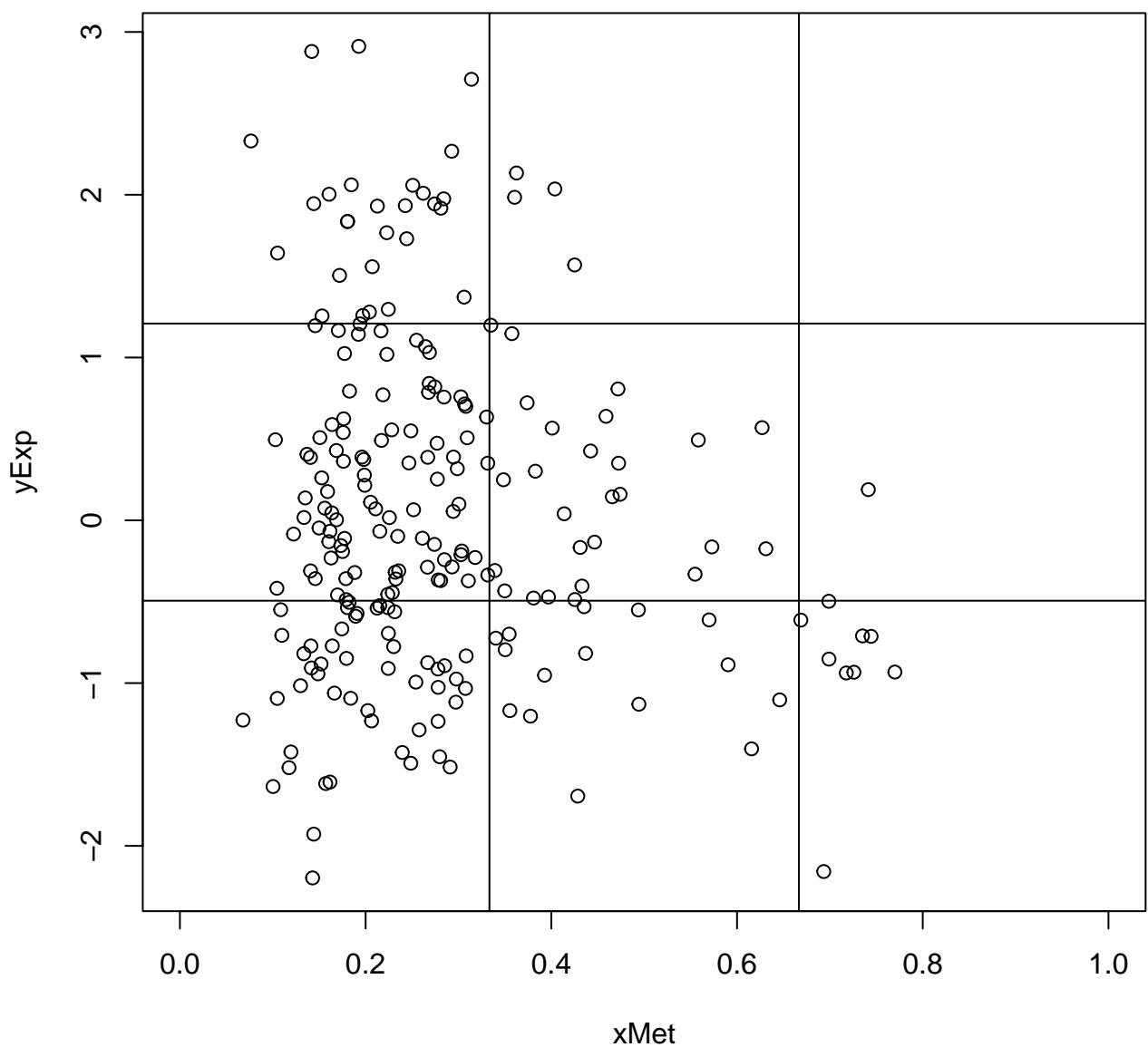
CRIP3, -12.8



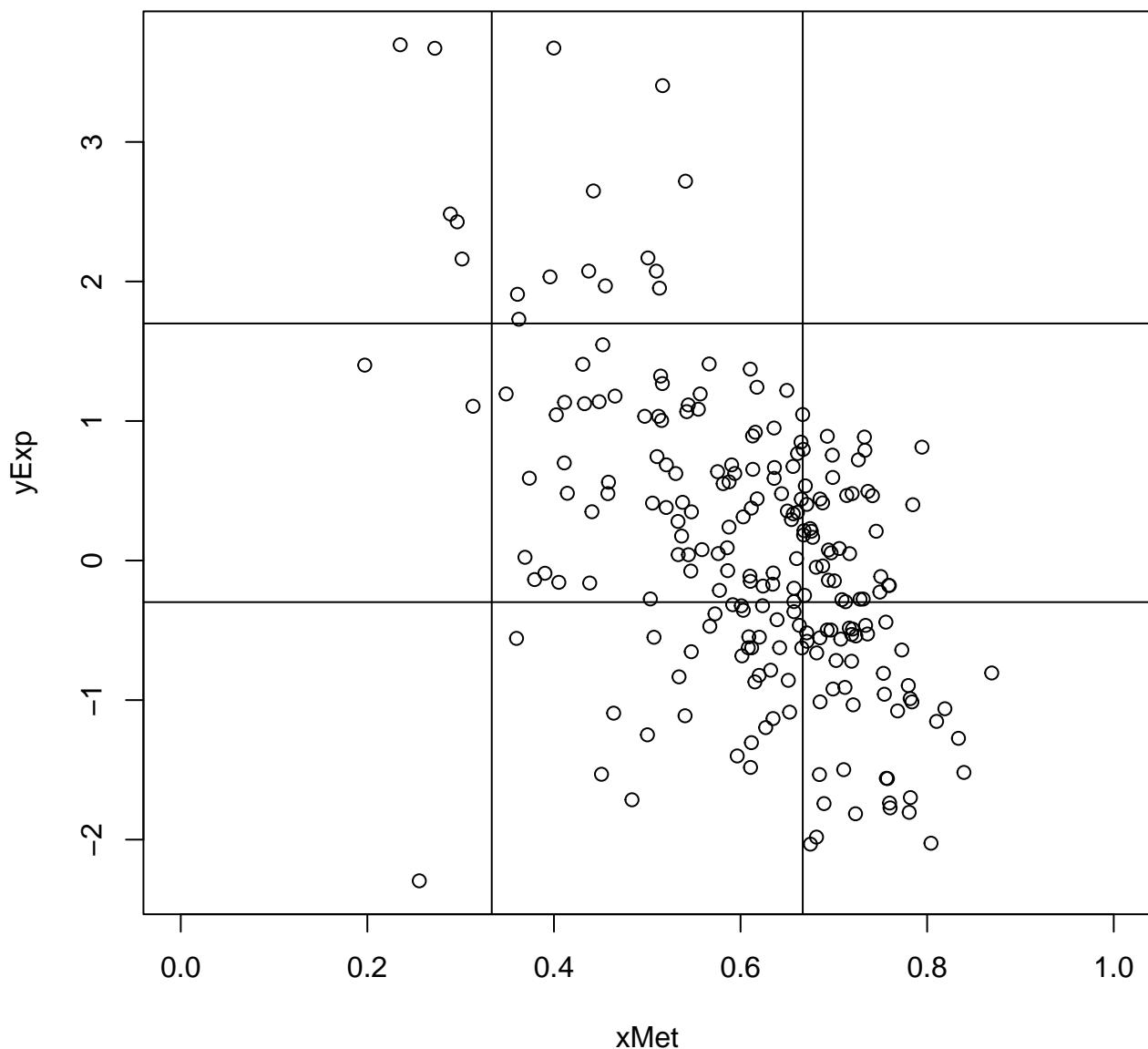
CST5, 49.4



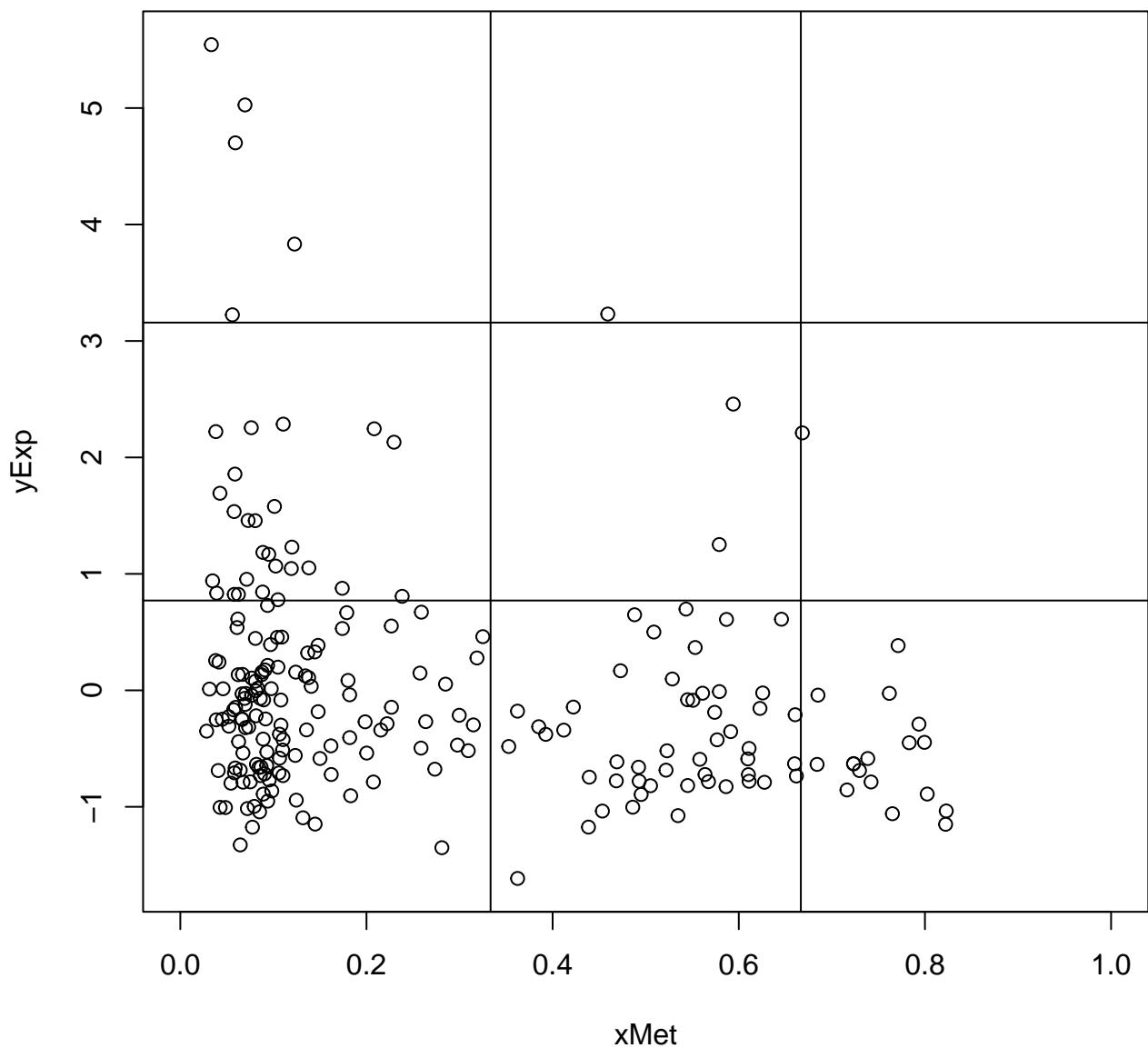
CST6, 218



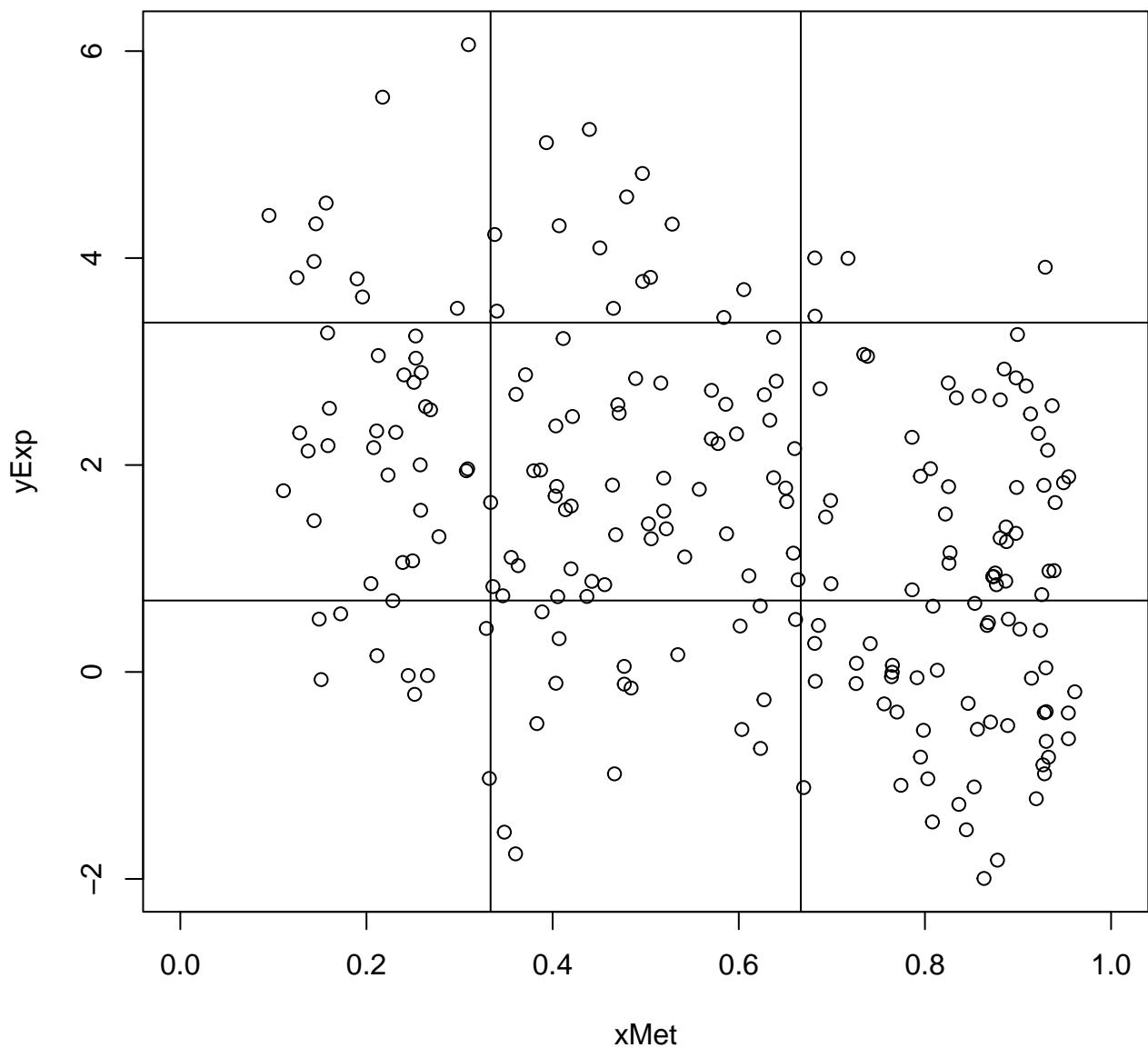
CSTA, 34



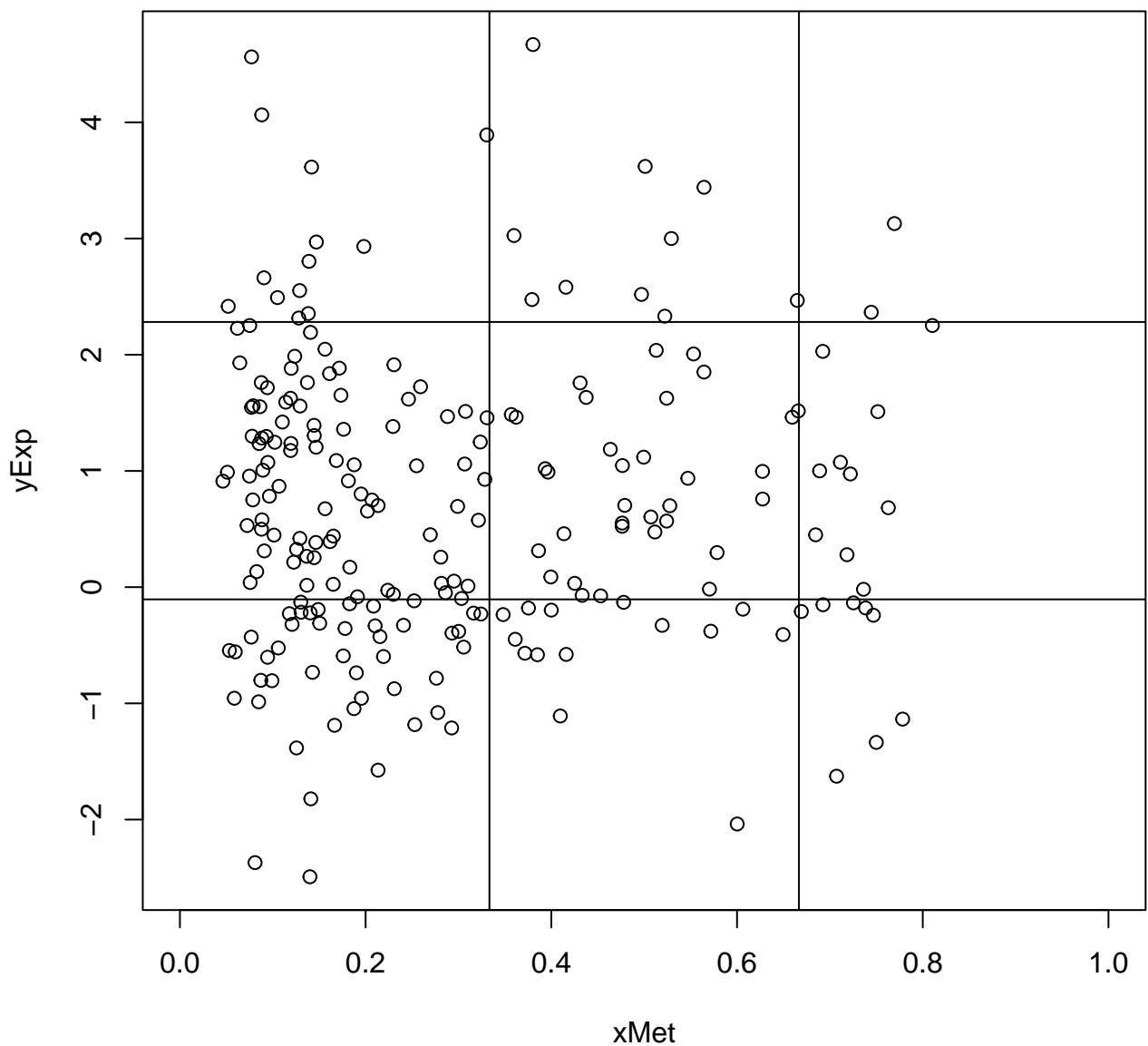
CTNNA2, 237



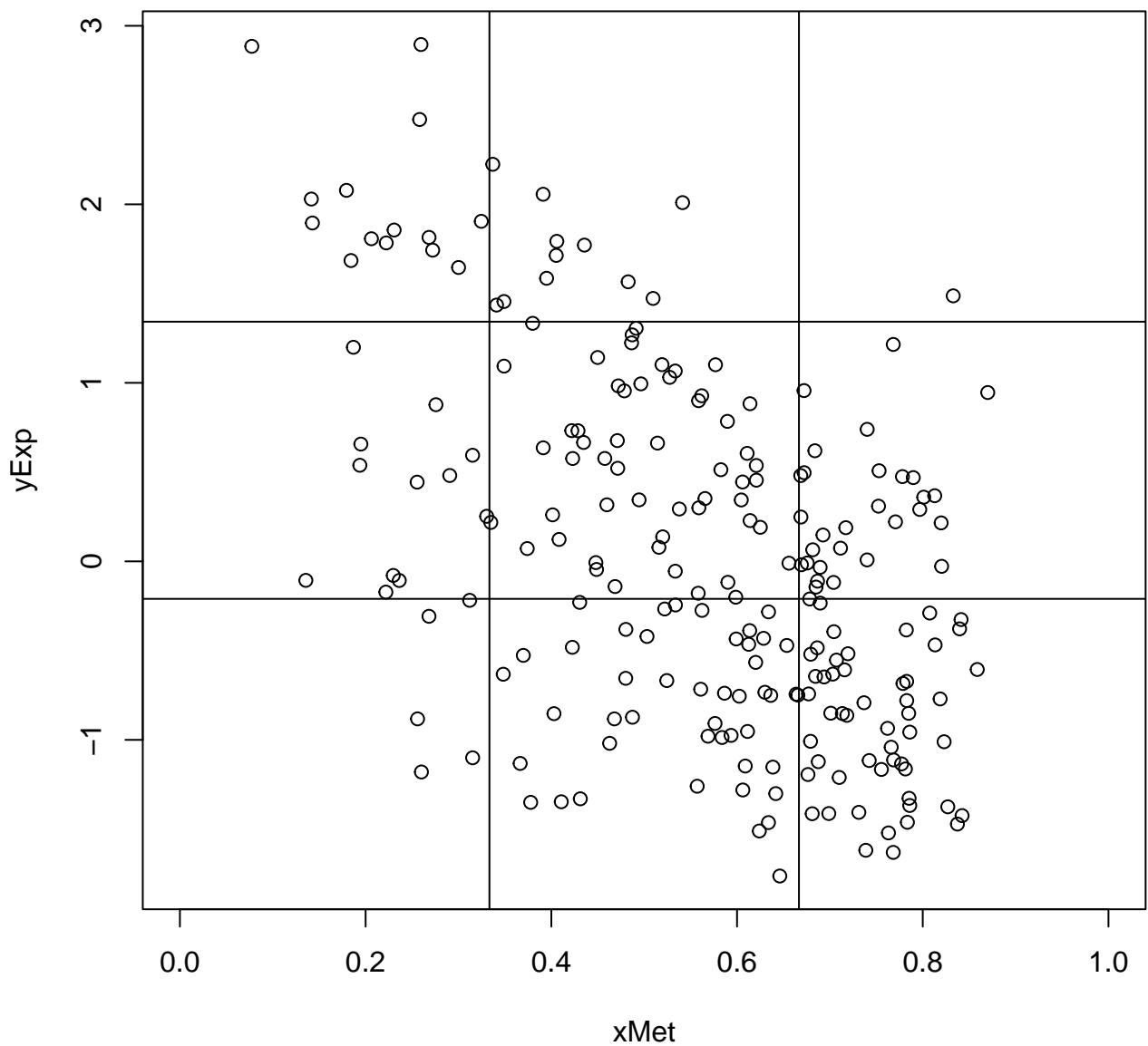
CTNNBL1, -124.4



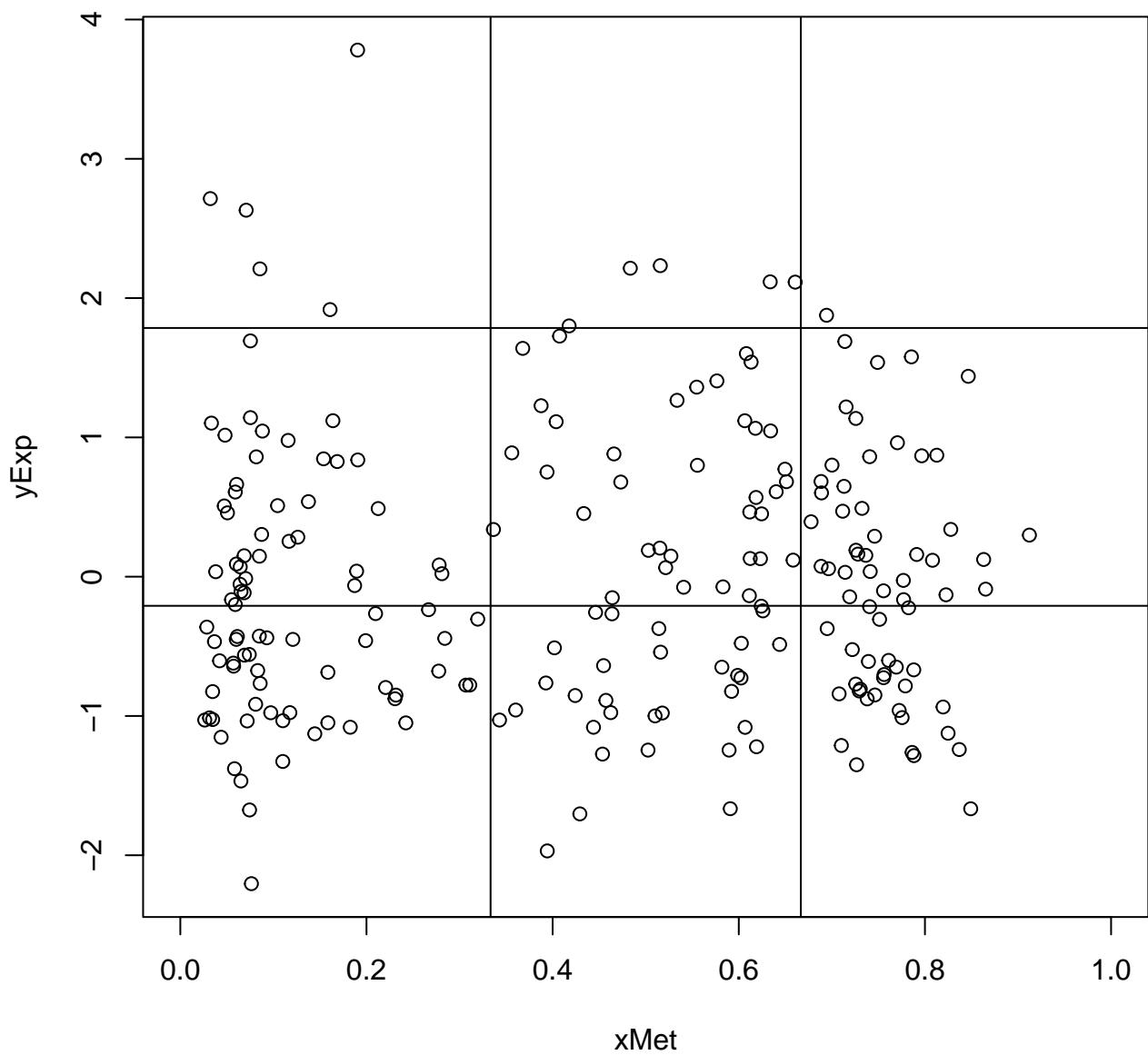
CTSA, 59.8



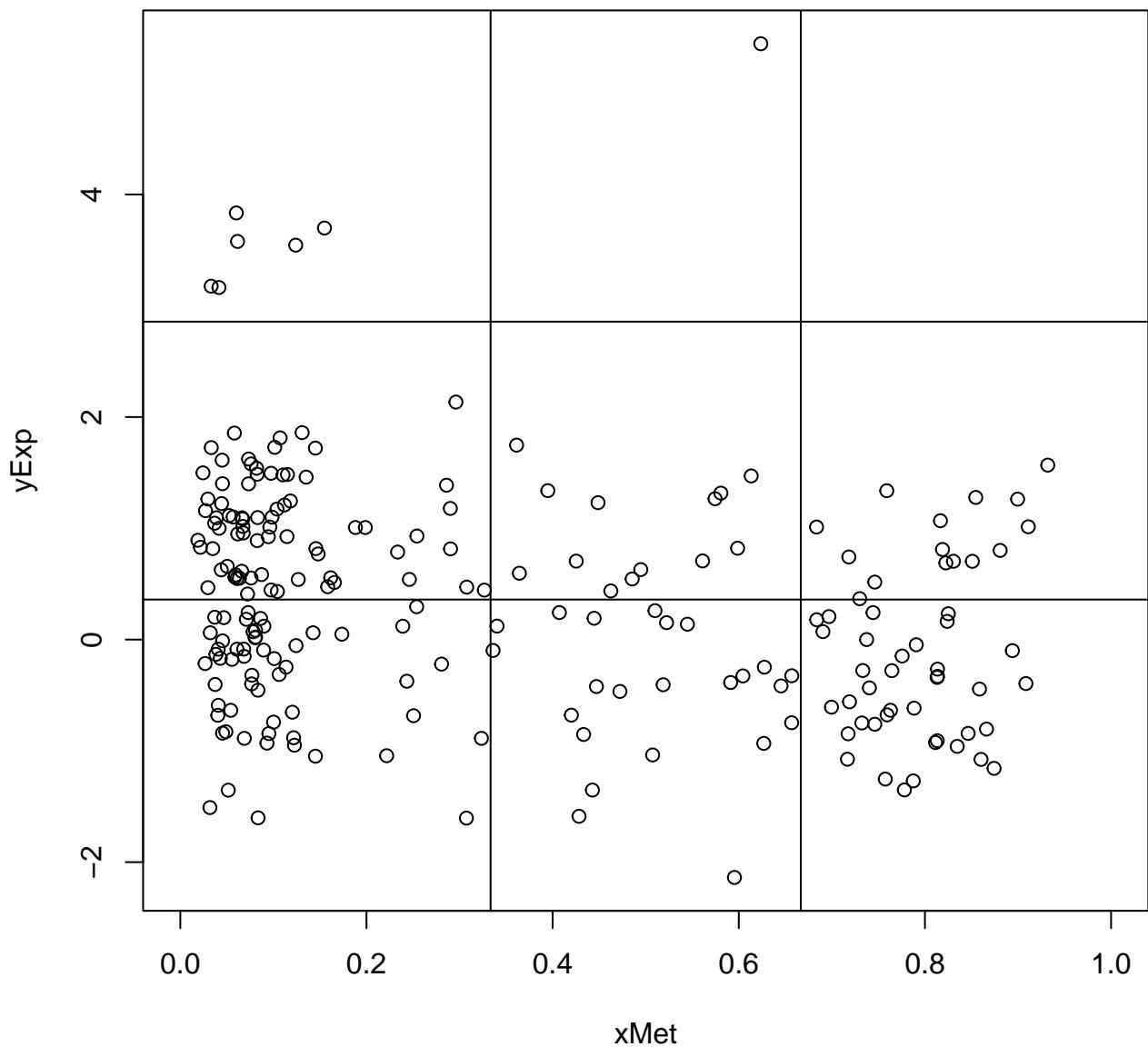
CTSE, 70.4



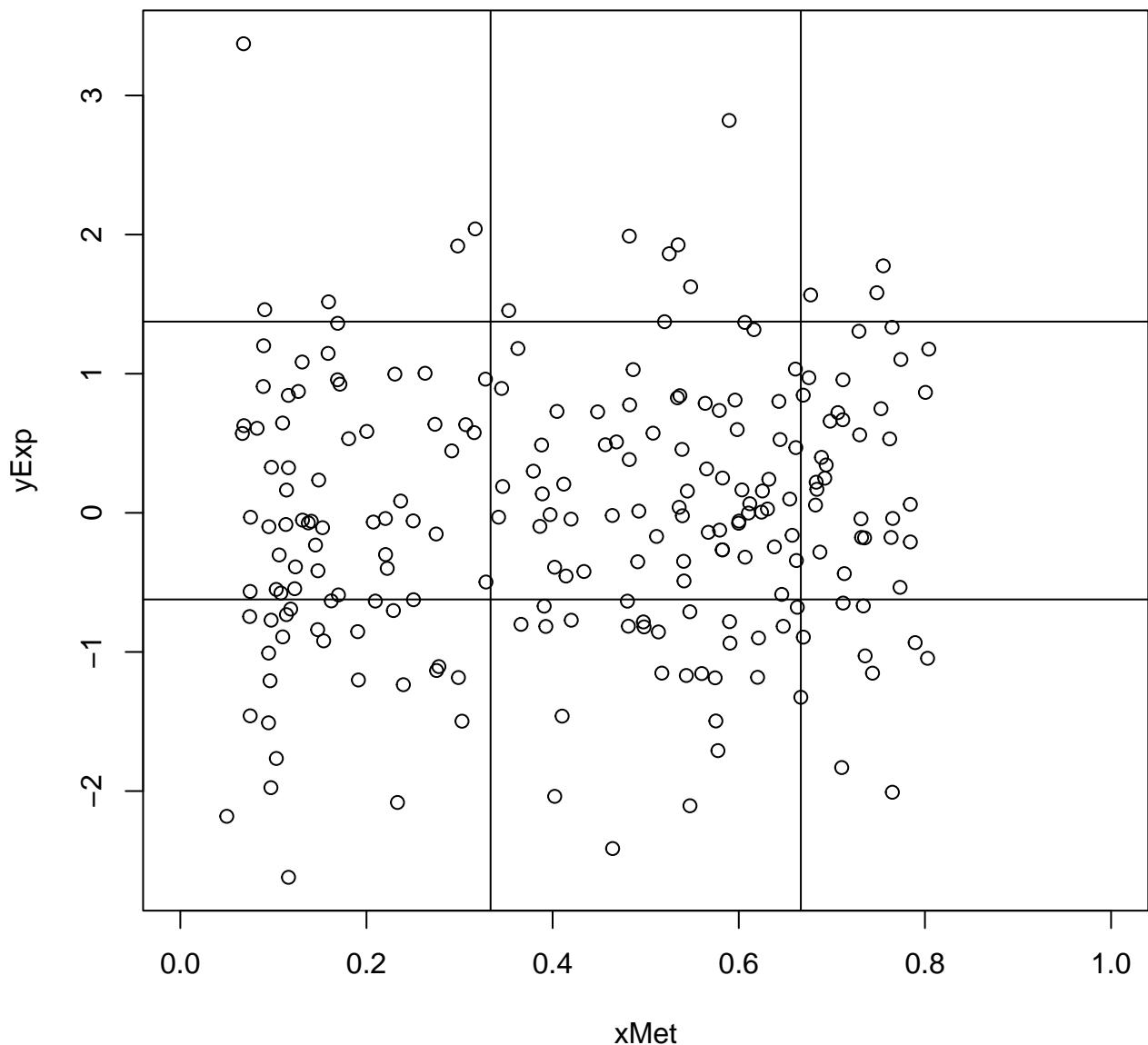
CYP1B1, 51.4



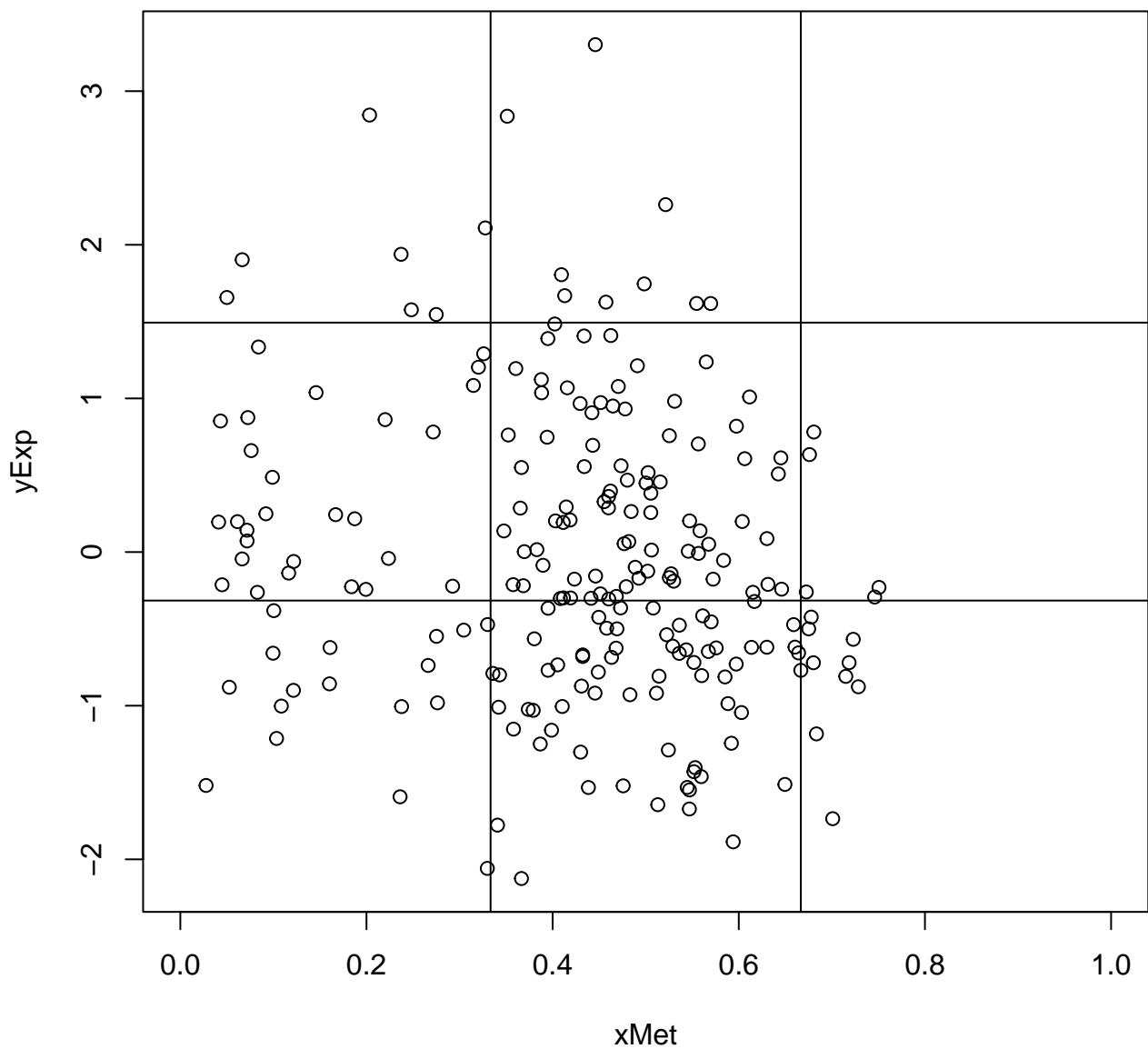
CYP24A1, 205



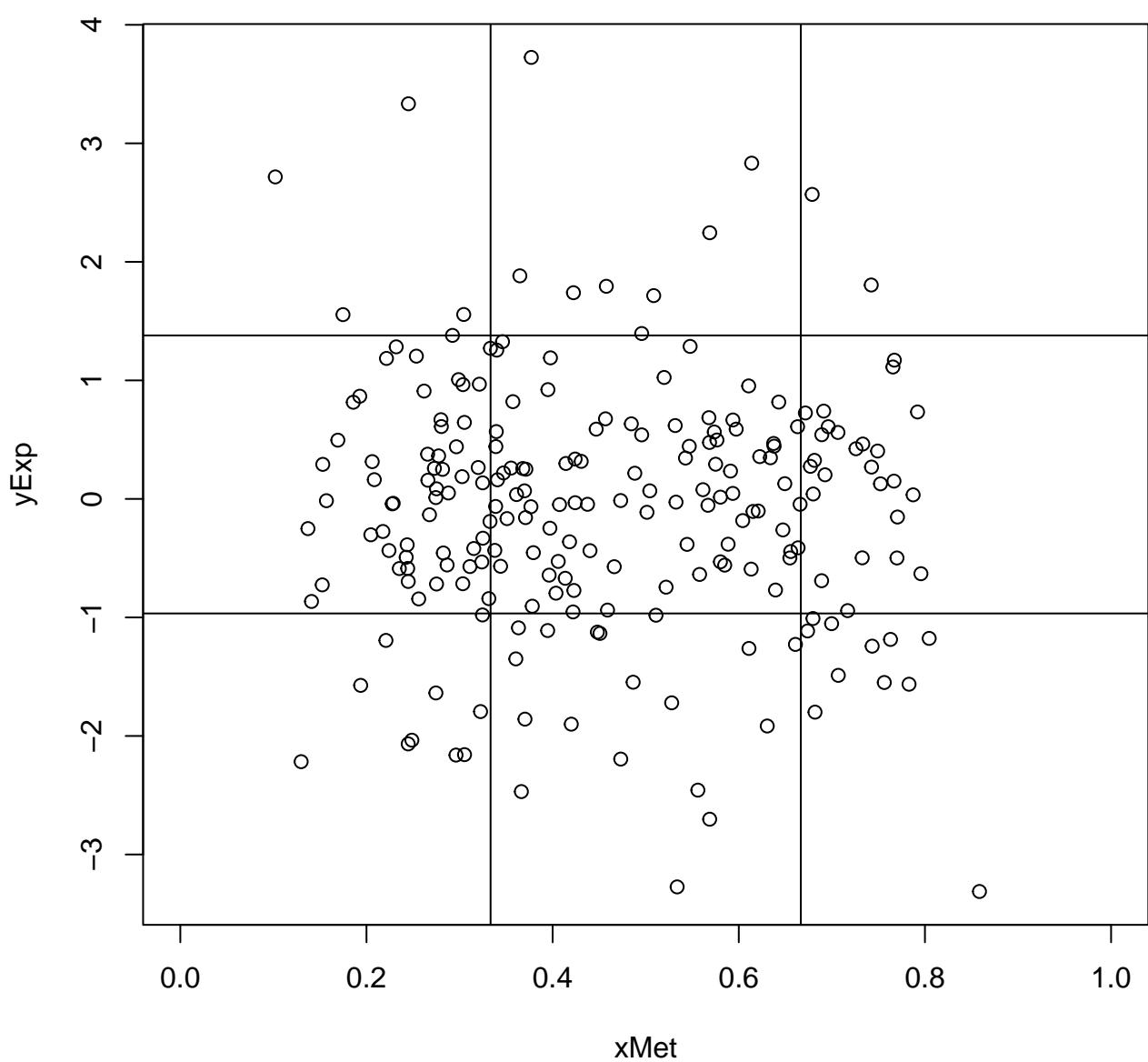
CYP26B1, -72.8



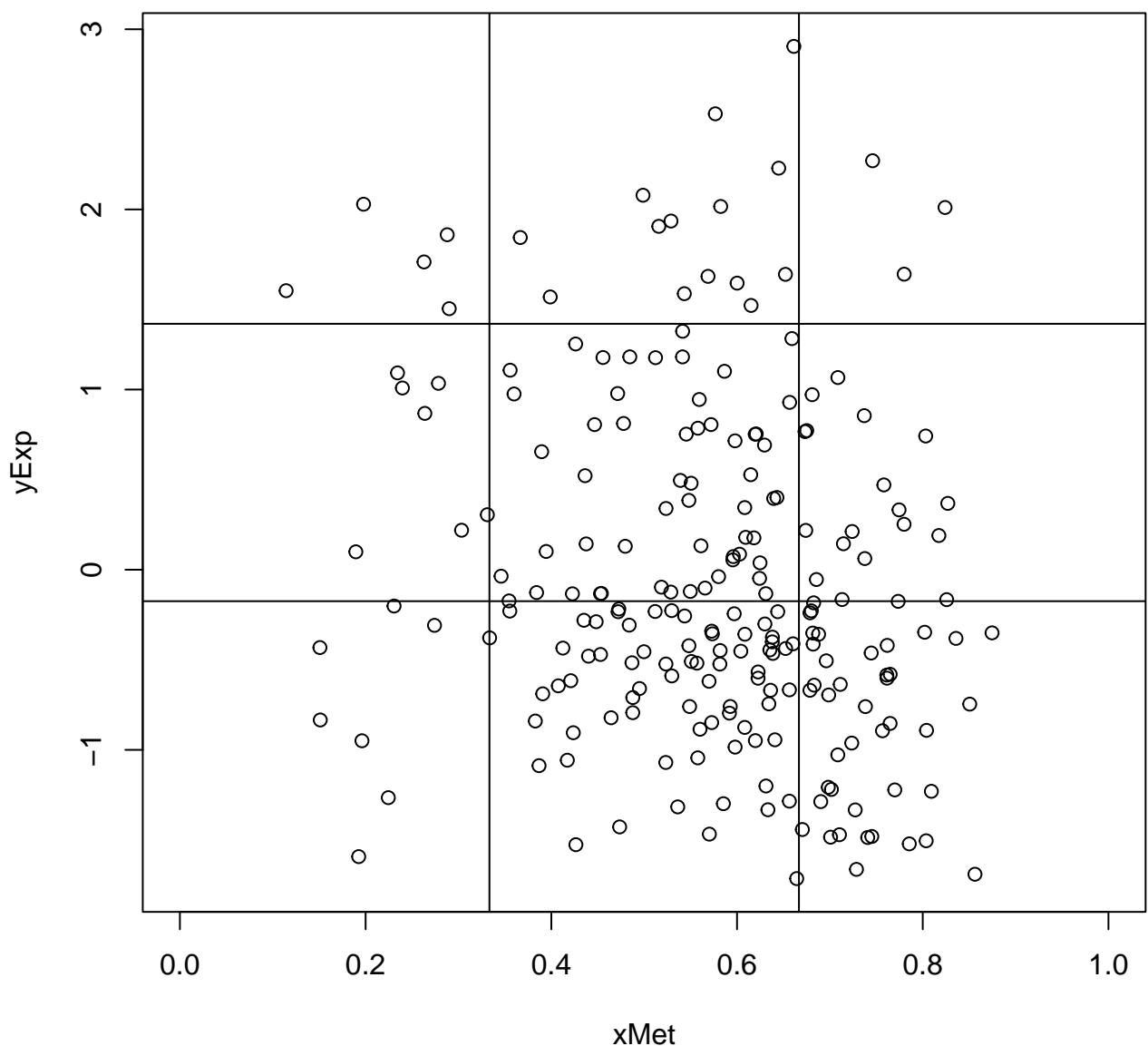
CYP7B1, 114



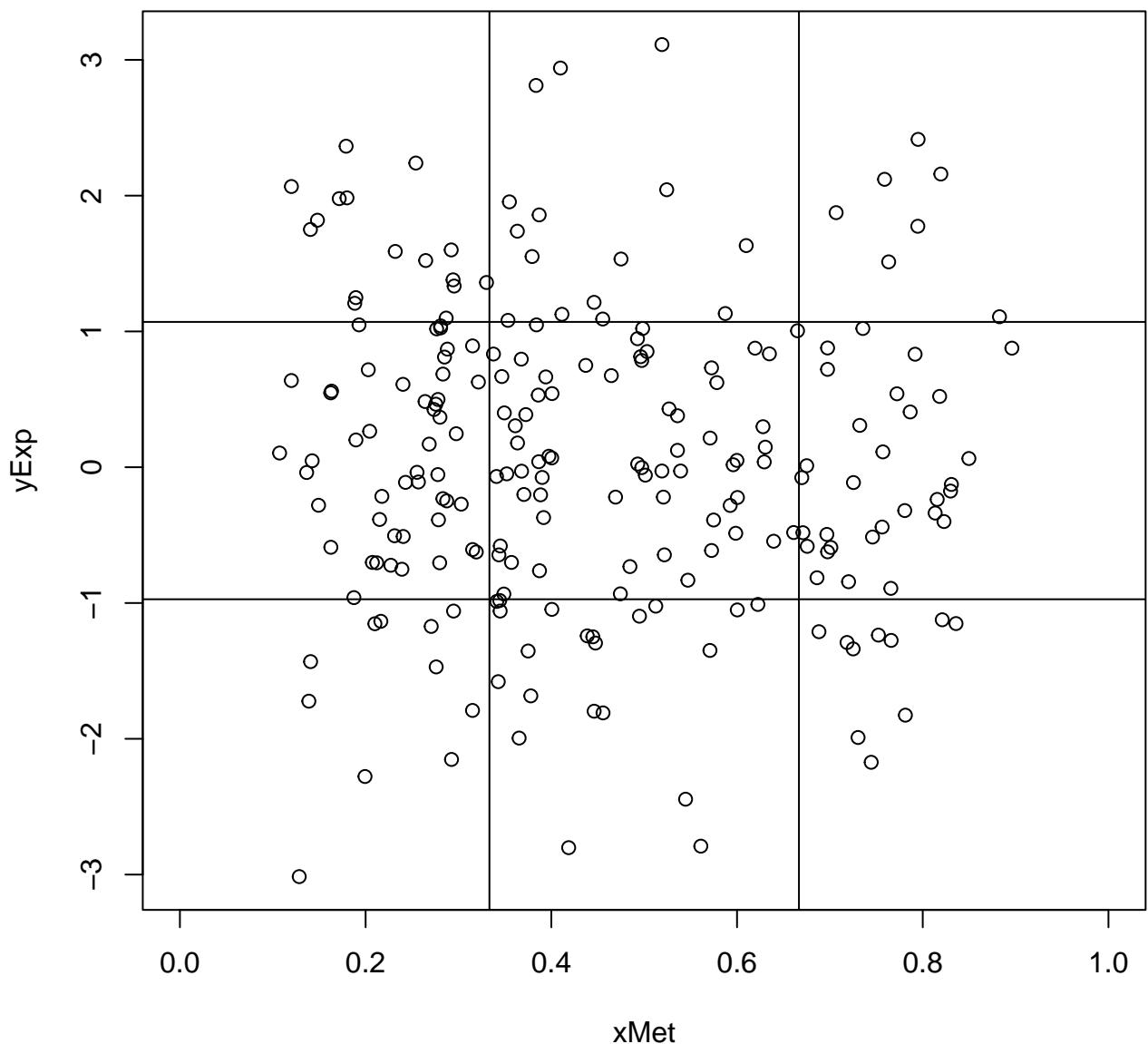
CYSLTR2, -40.2



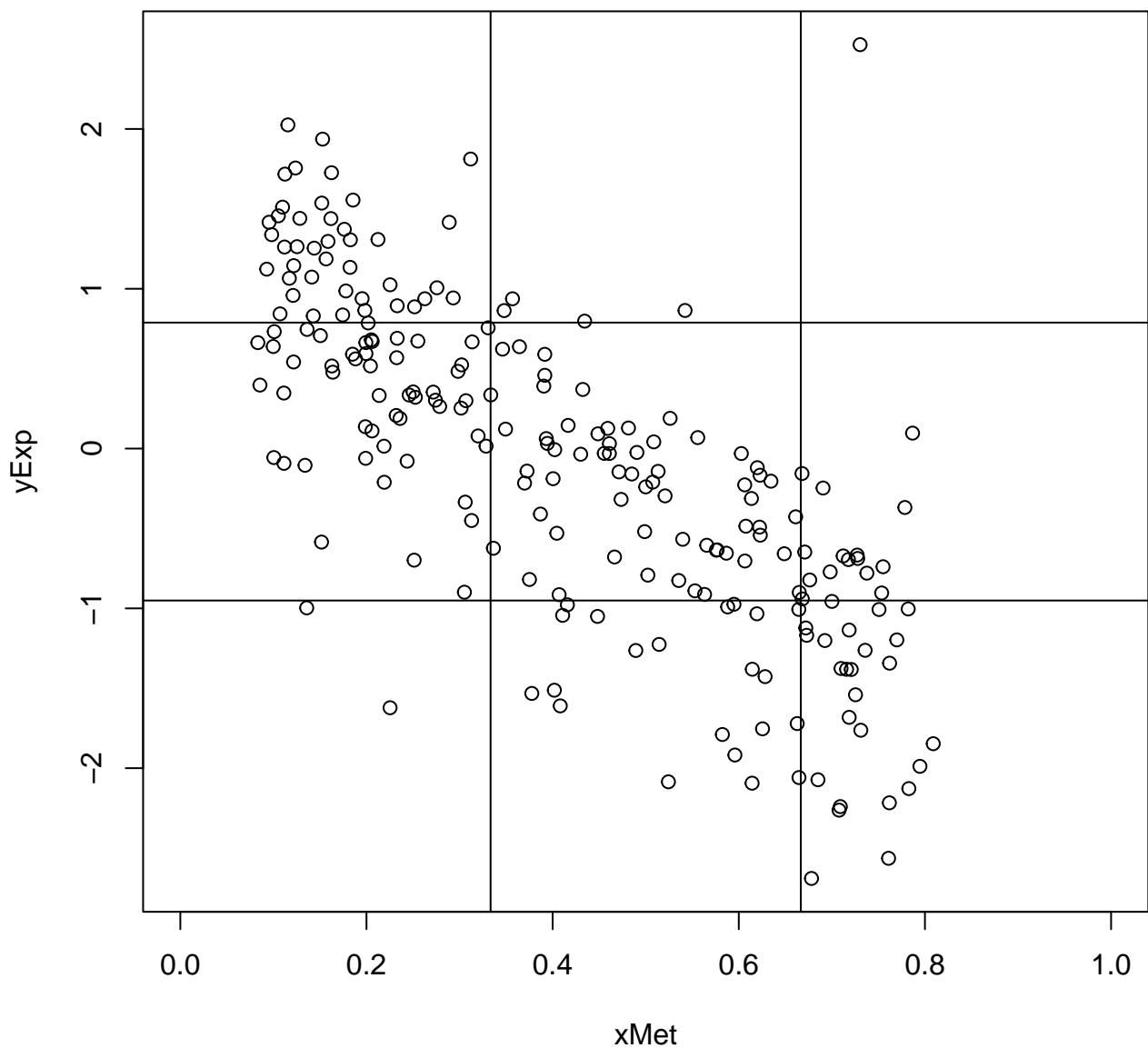
DAPK1, -17.8



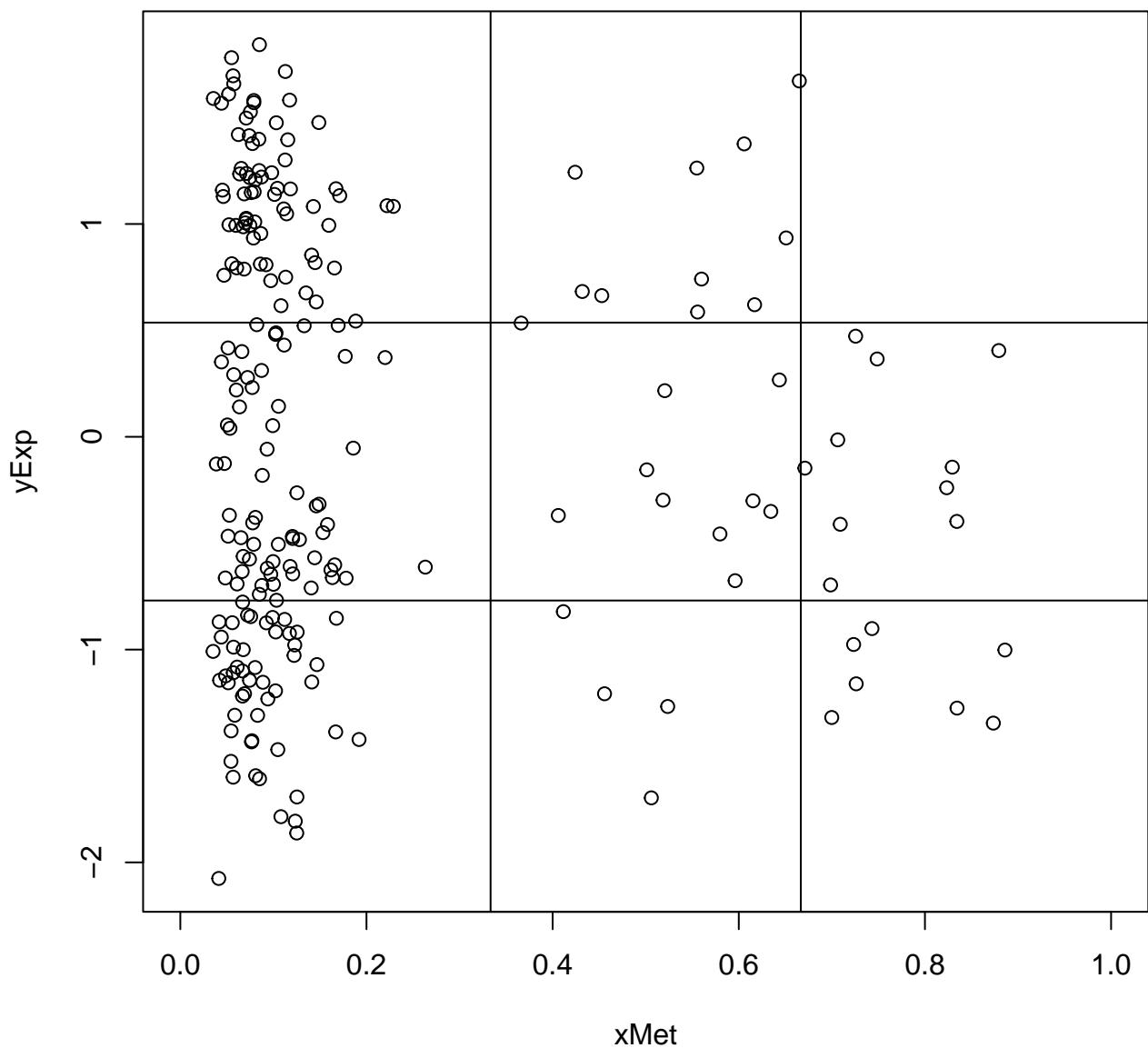
DAPK3, -270.2



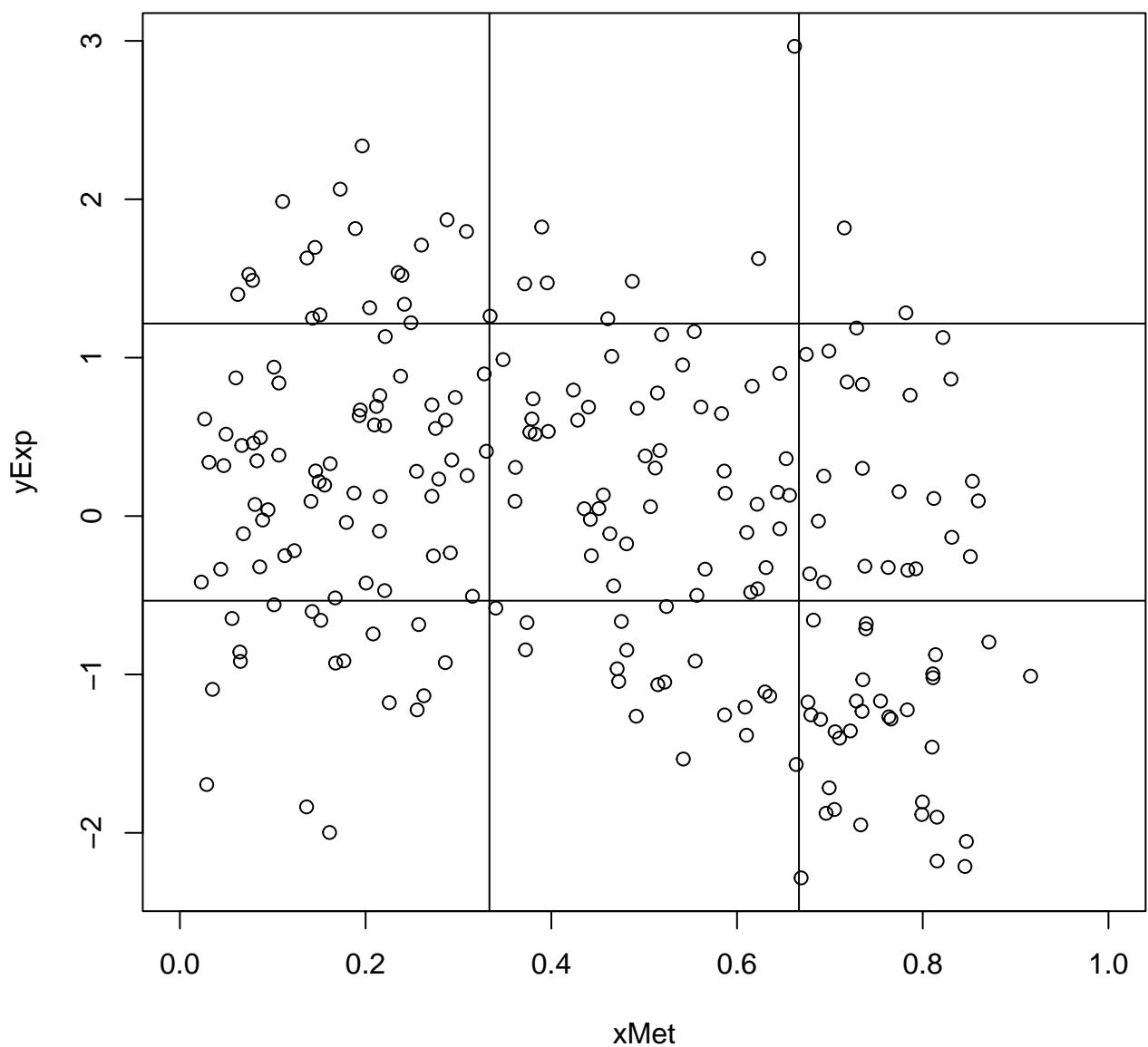
DAPP1, 124.4



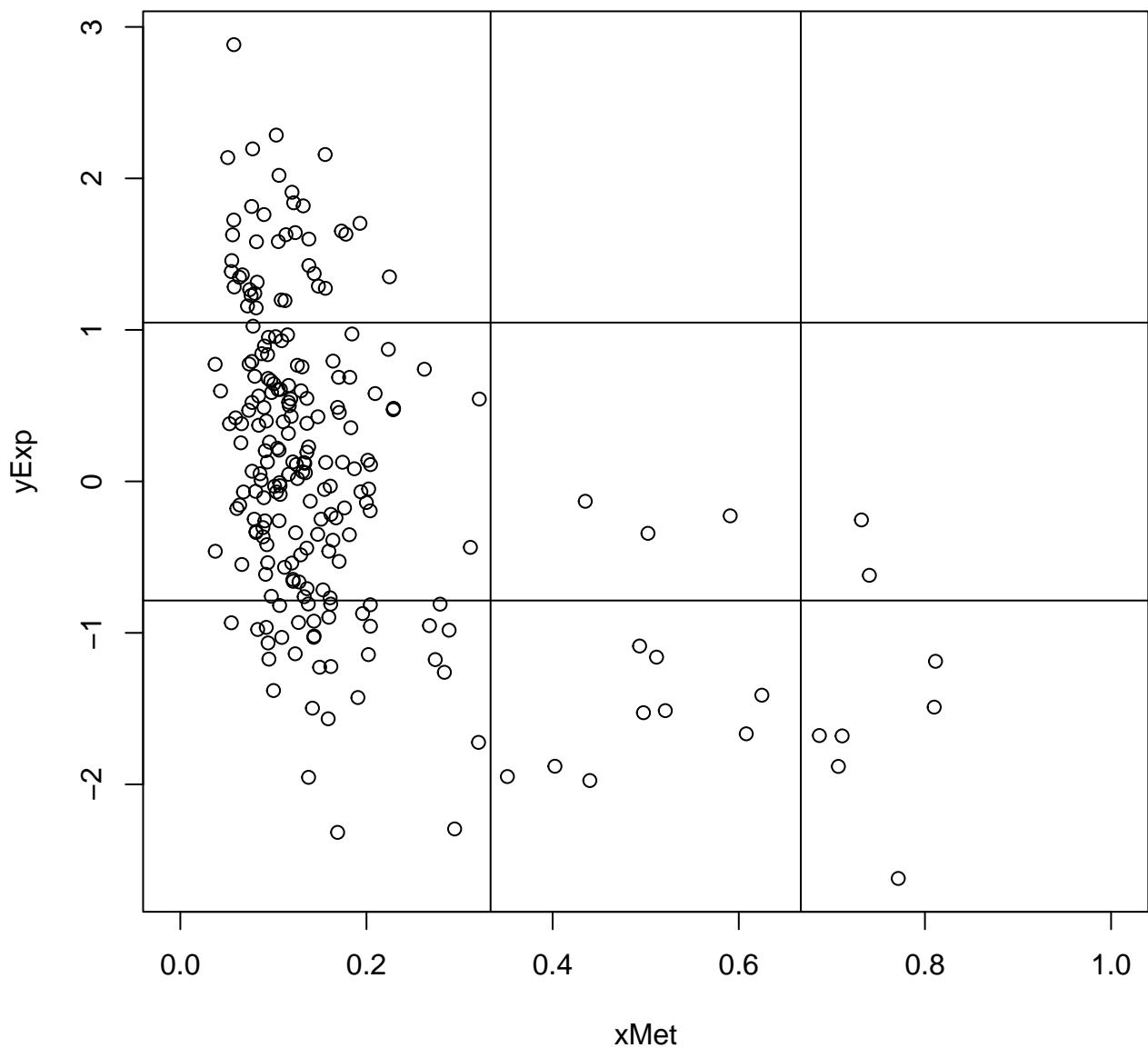
DCDC2, 230



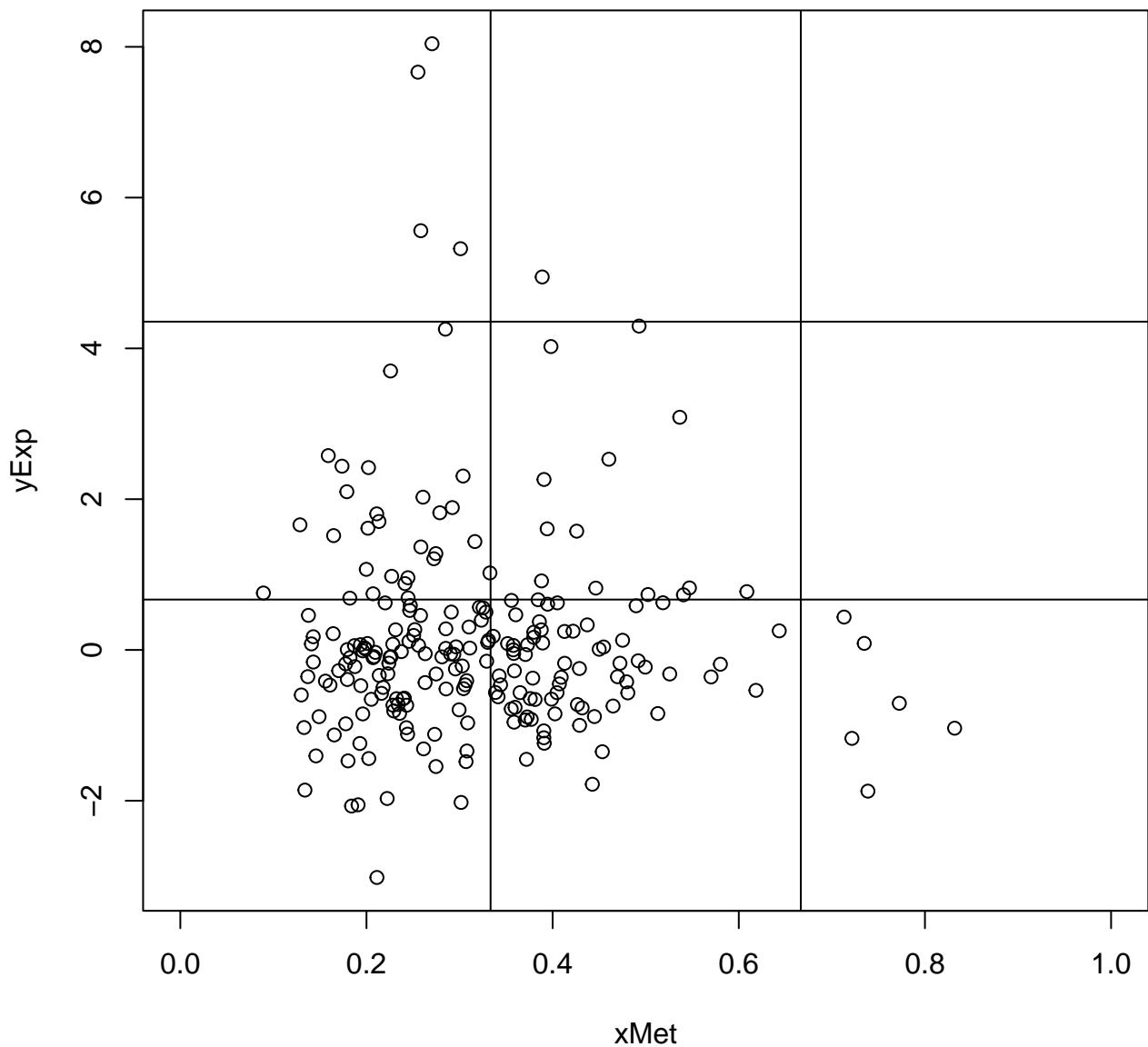
DCHS1, 44.8



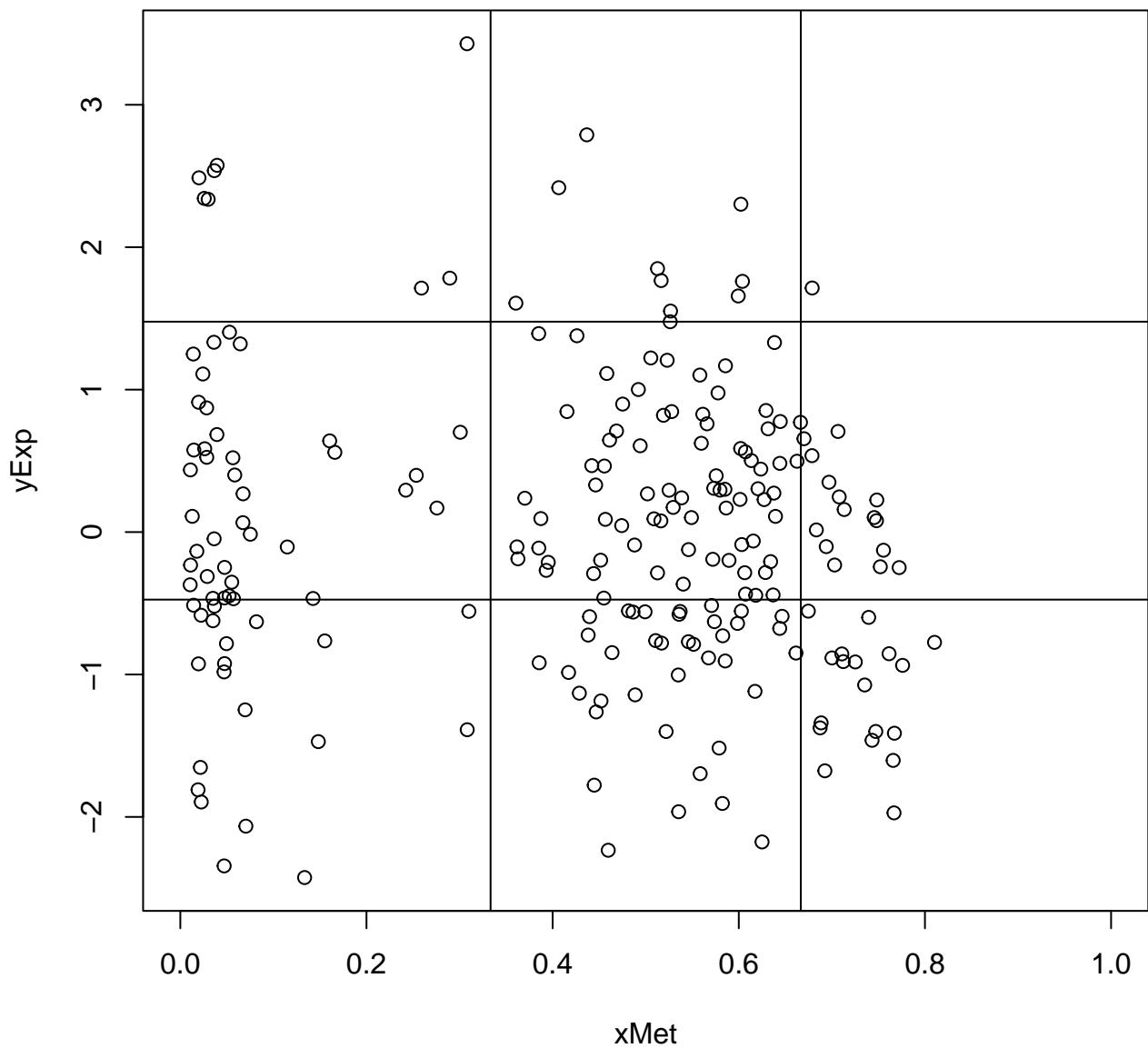
DDAH2, 259



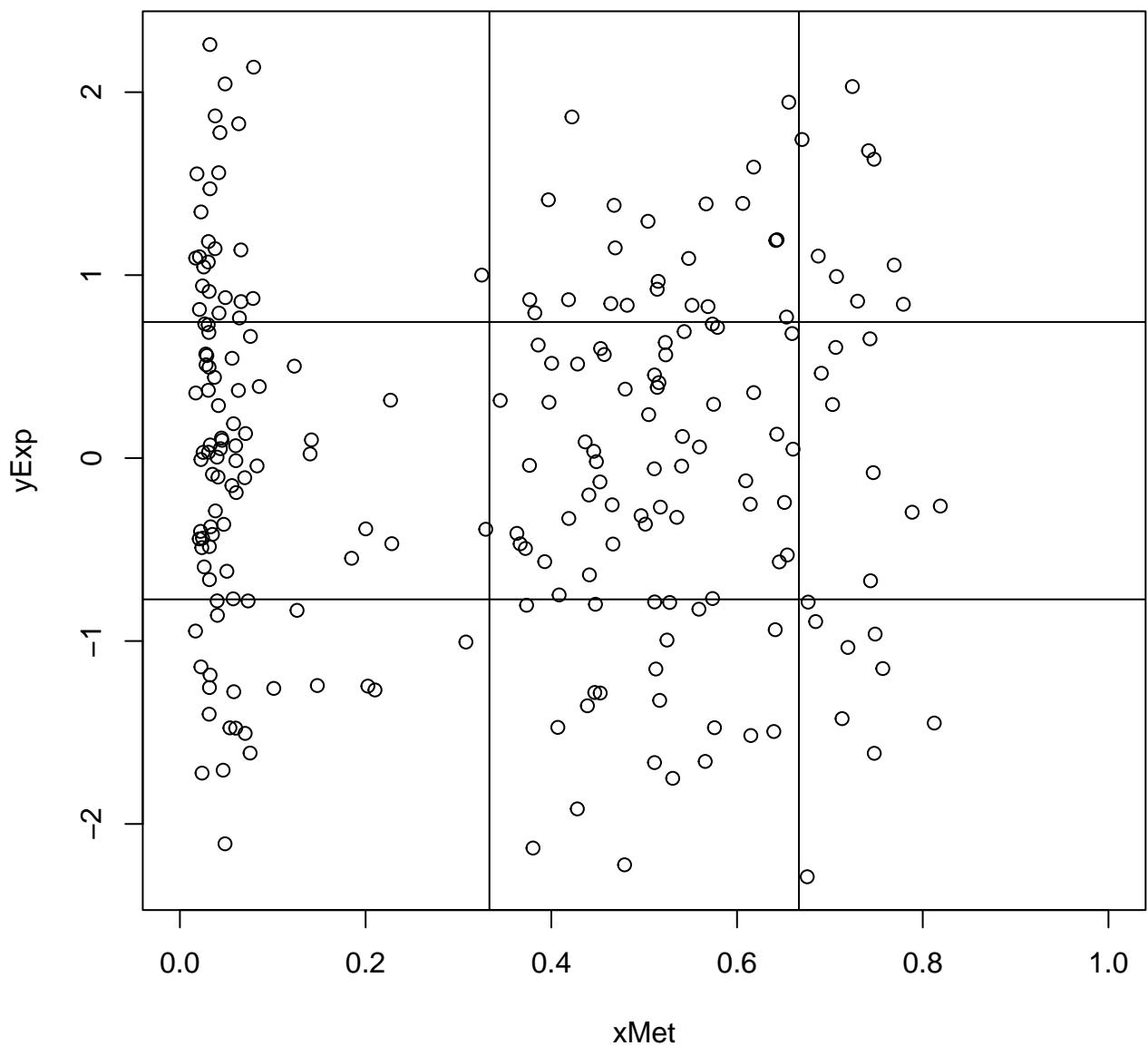
DEFB126, 217



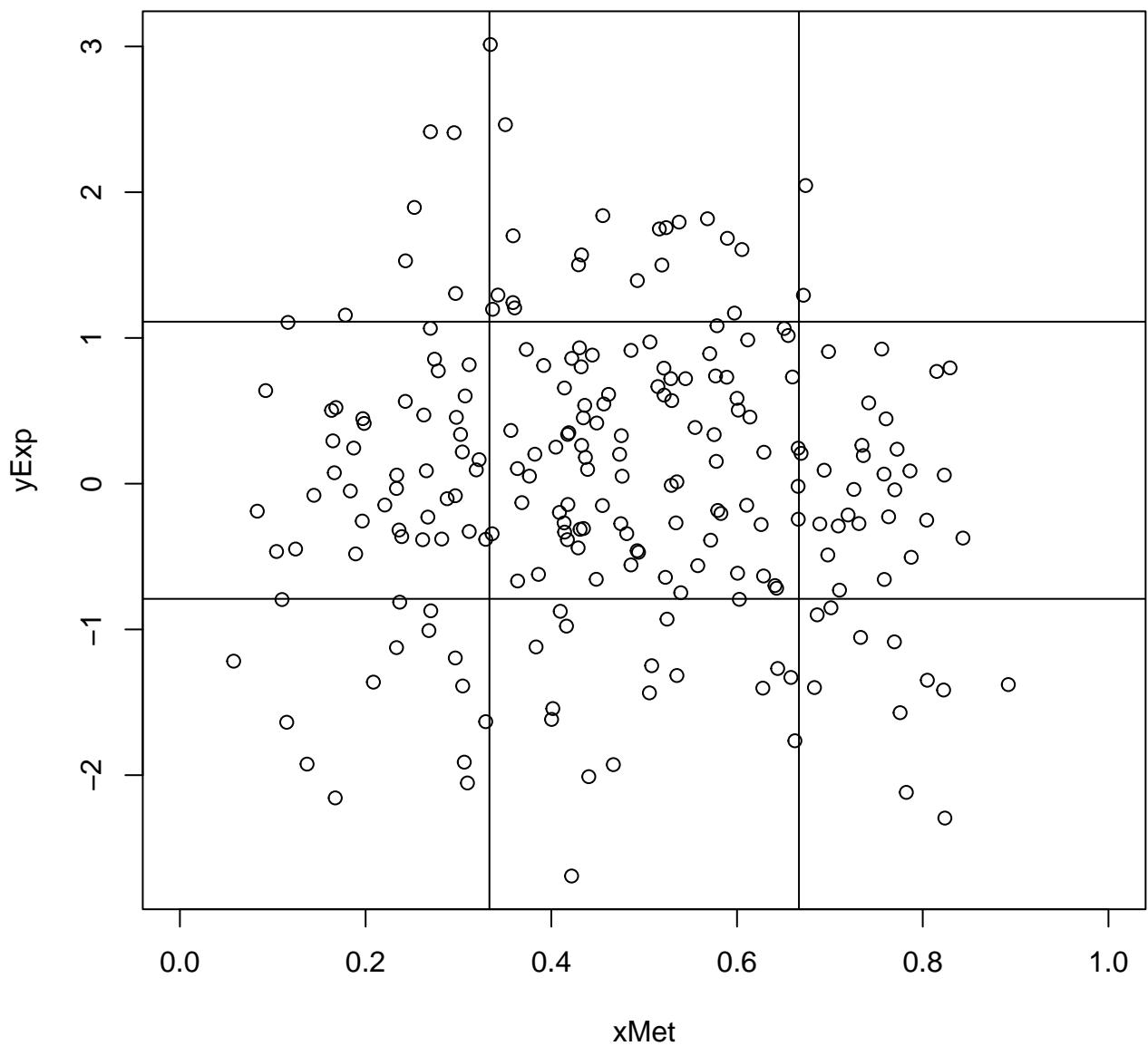
DFNA5, 54.4



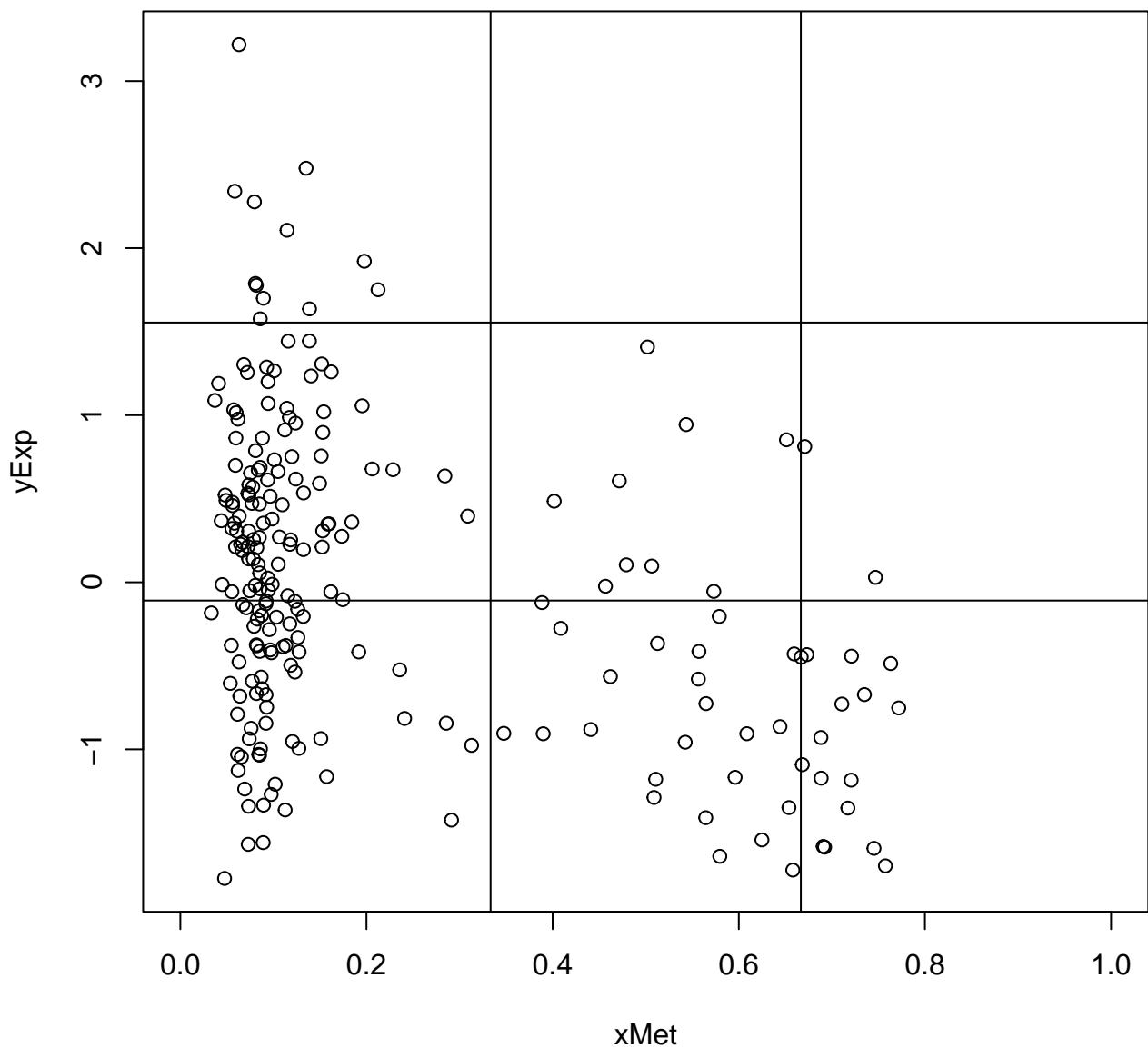
DGKG, -293.4



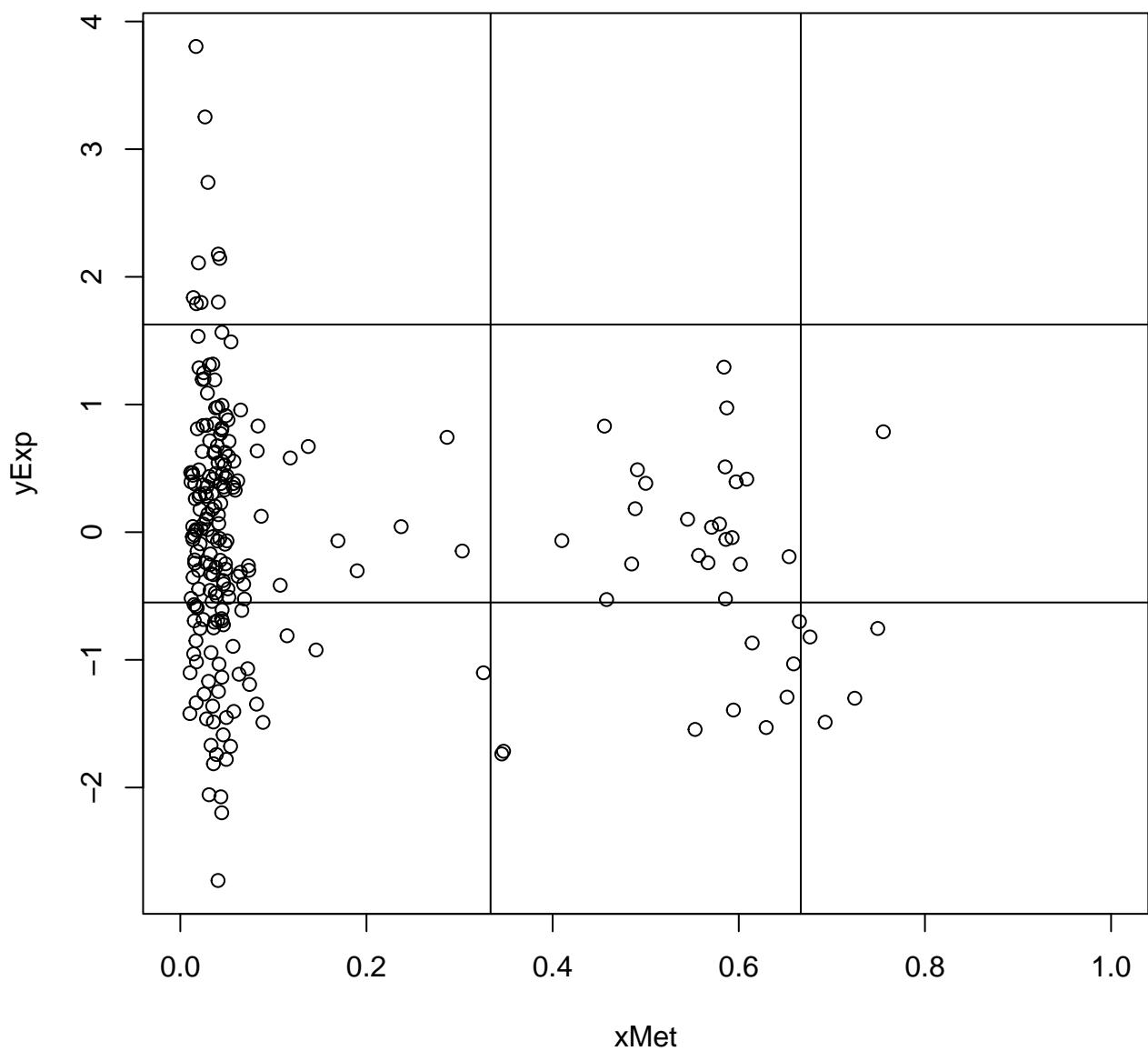
DIO2, -74.2



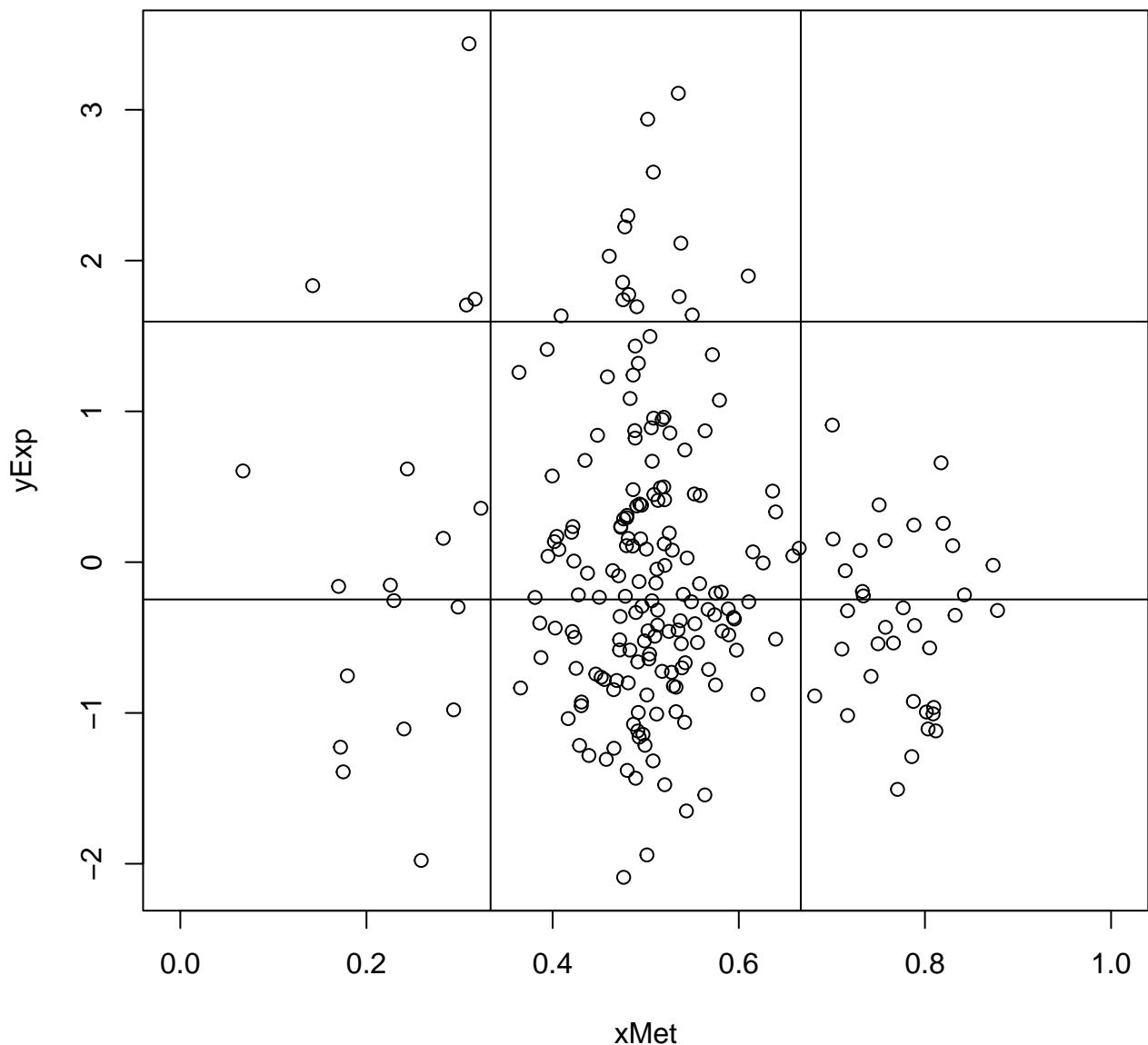
DIO3, 236



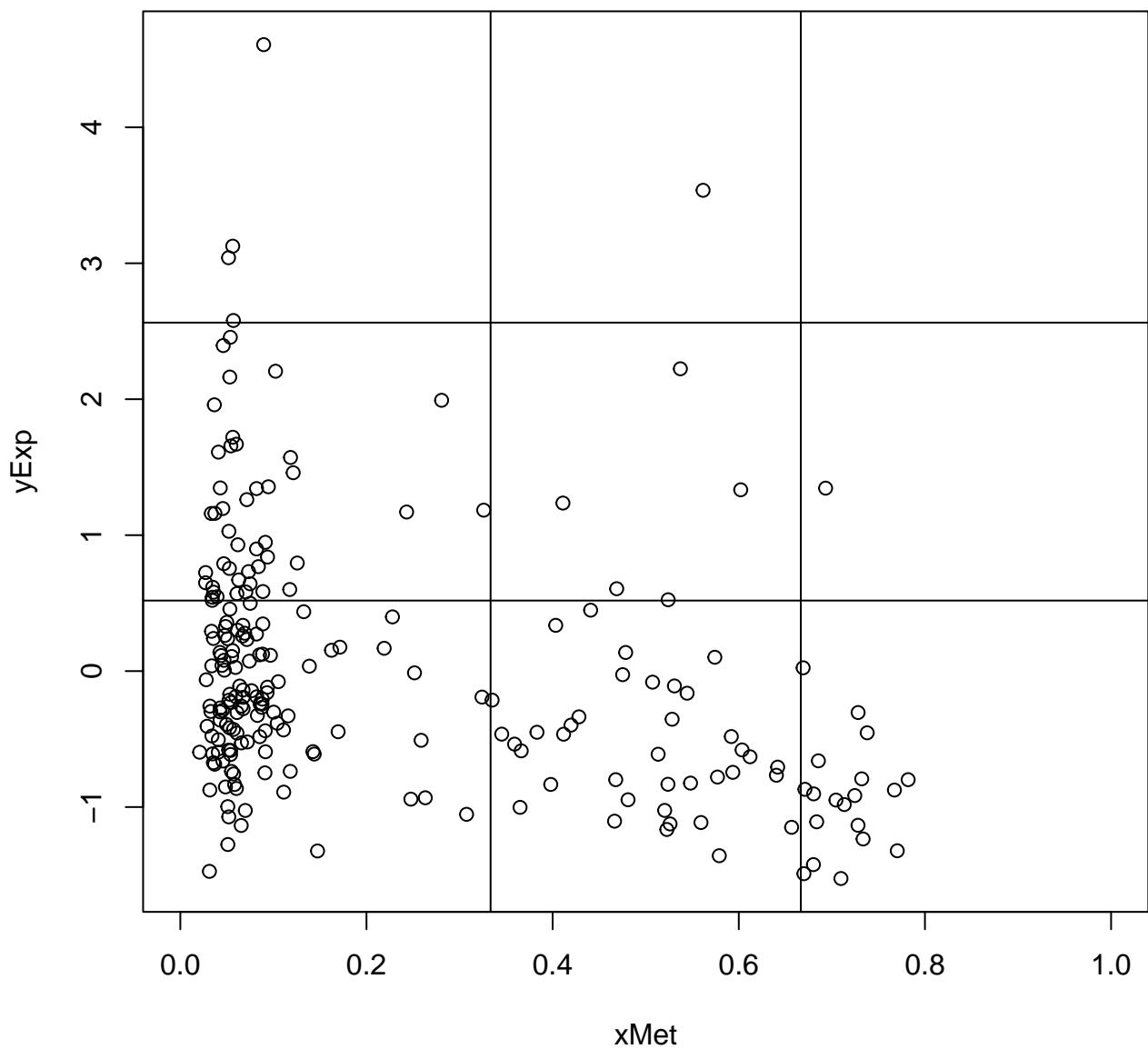
DIRAS2, 212



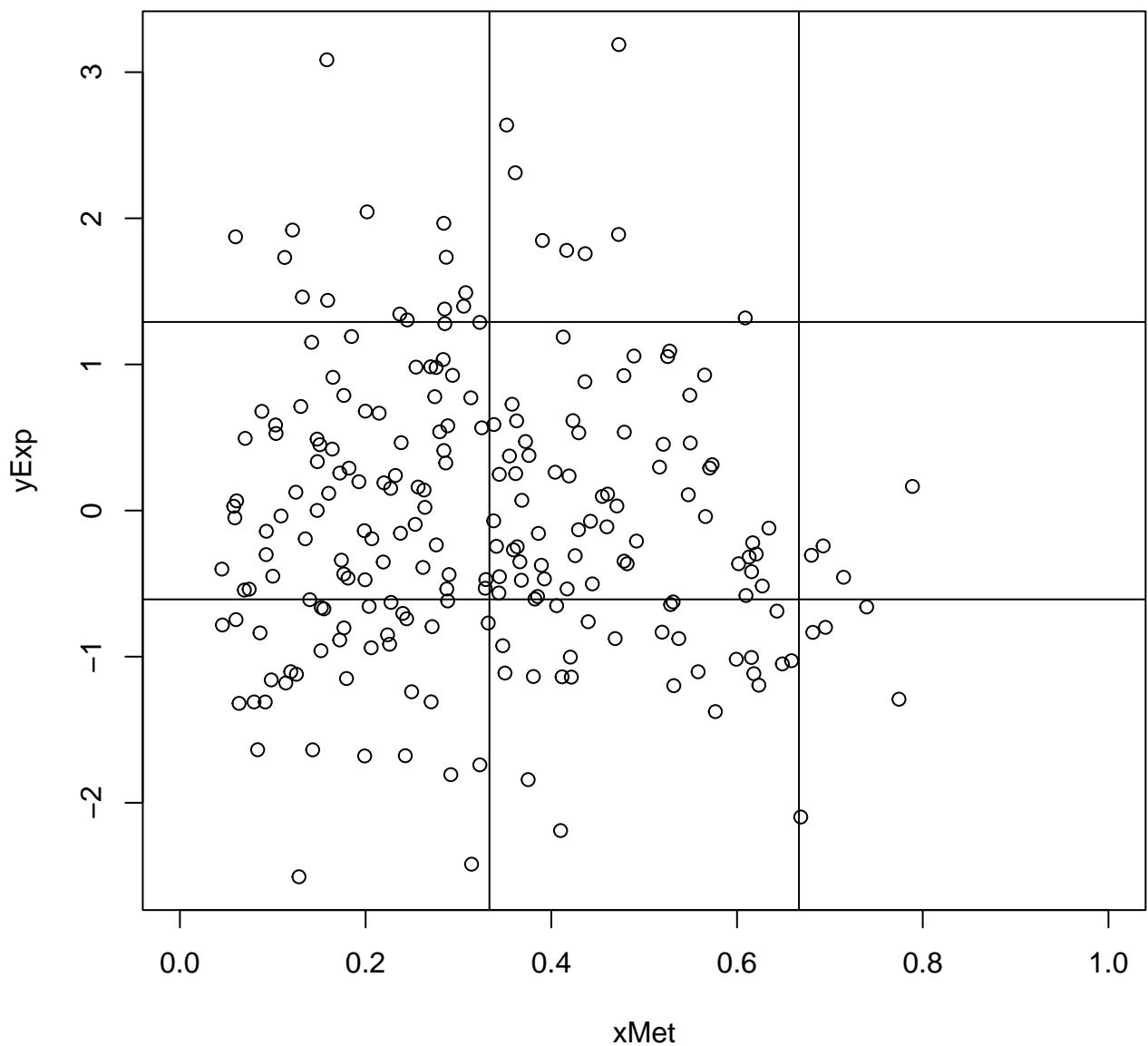
DIRAS3, 85



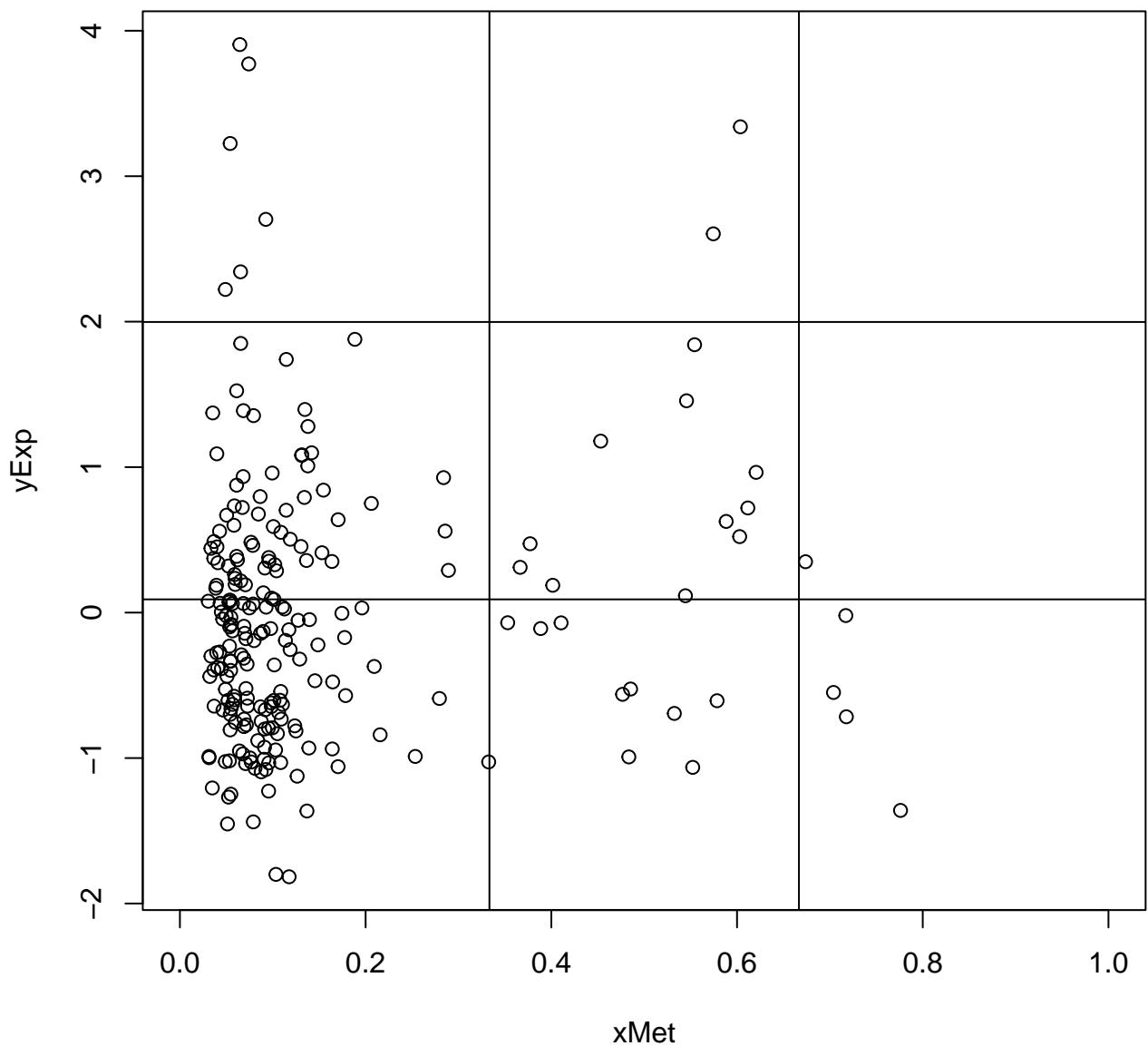
DKK1, 235



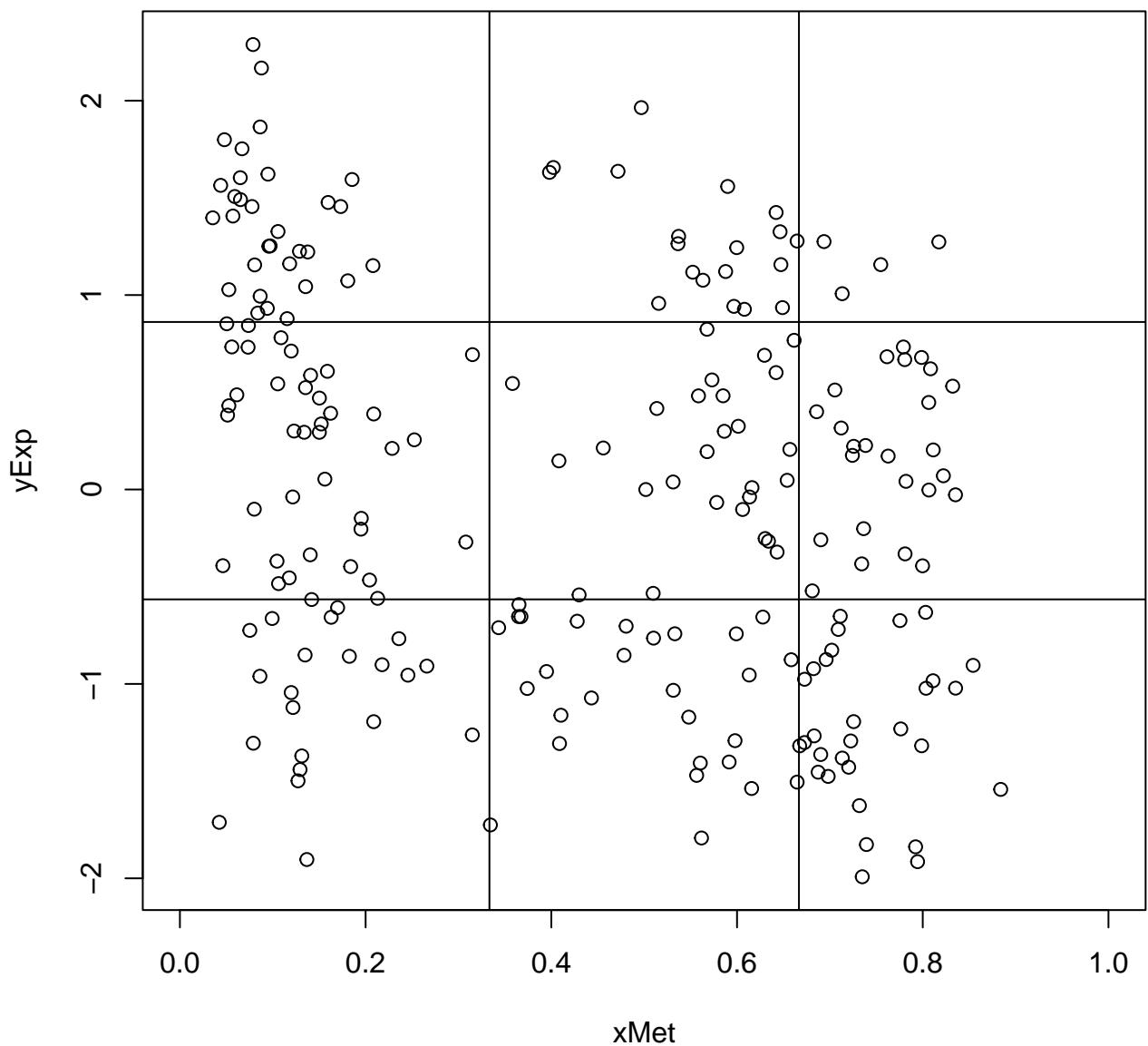
DLC1, 144



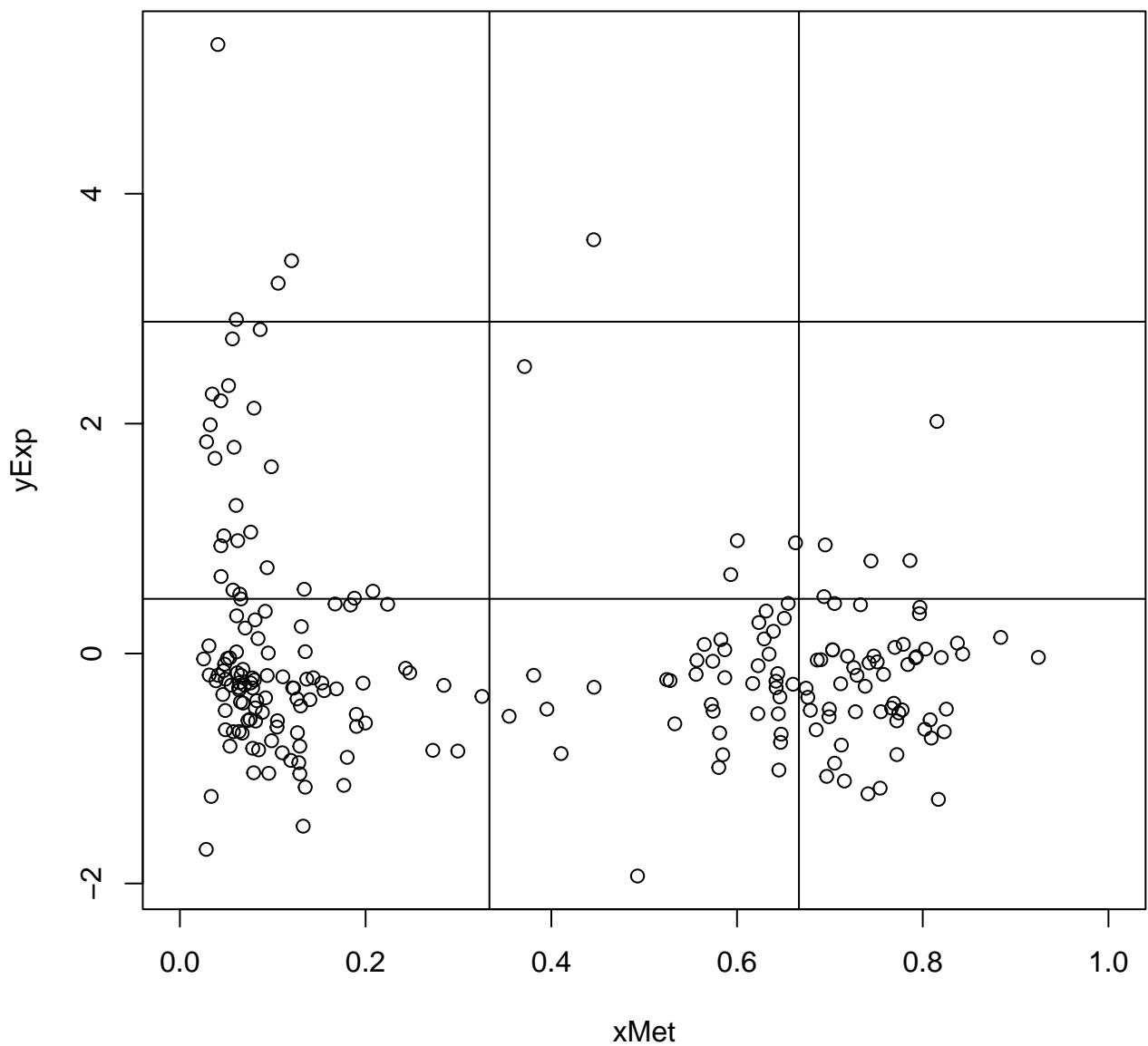
DLX1, 213



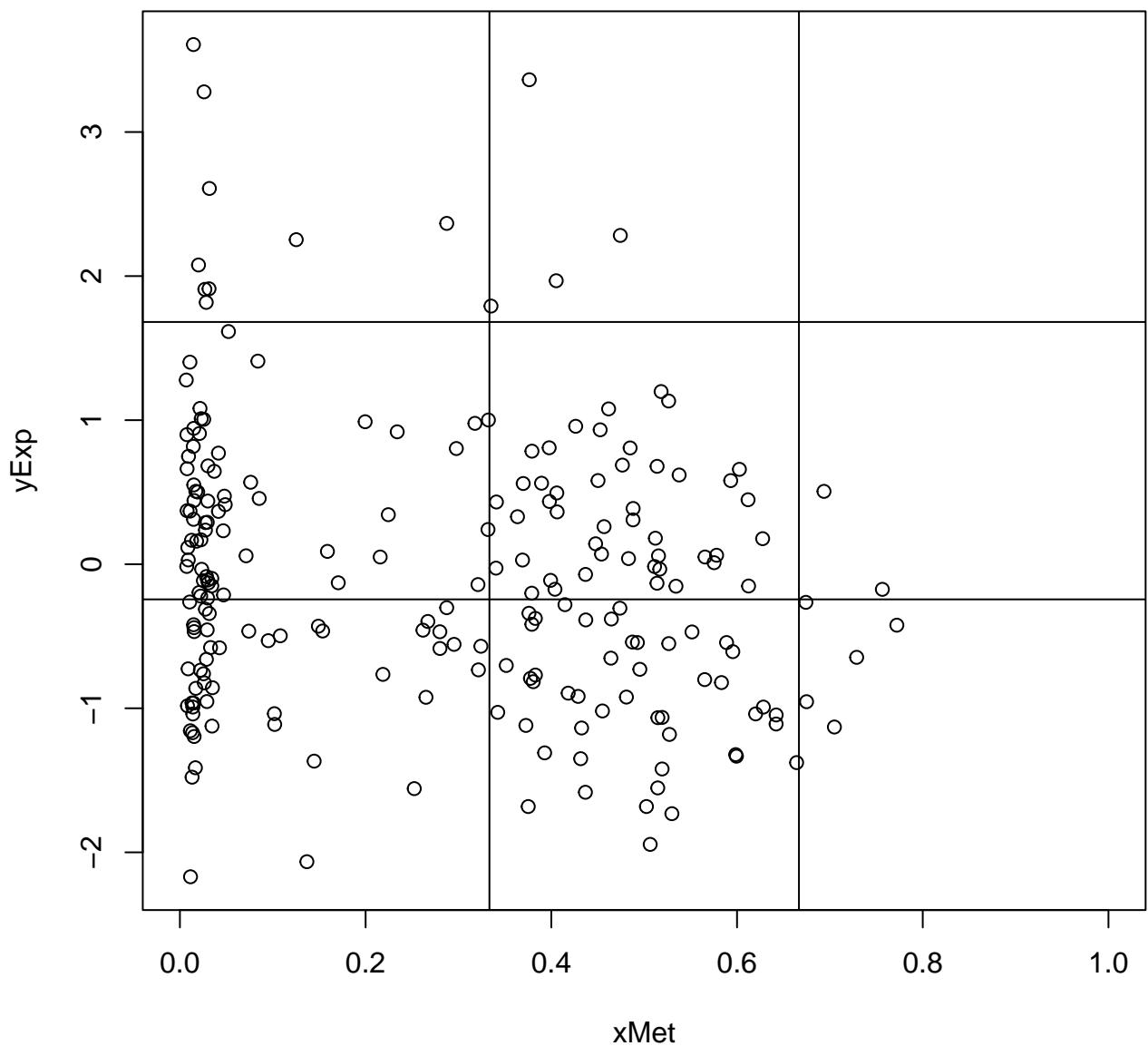
DMRT2, -57.4



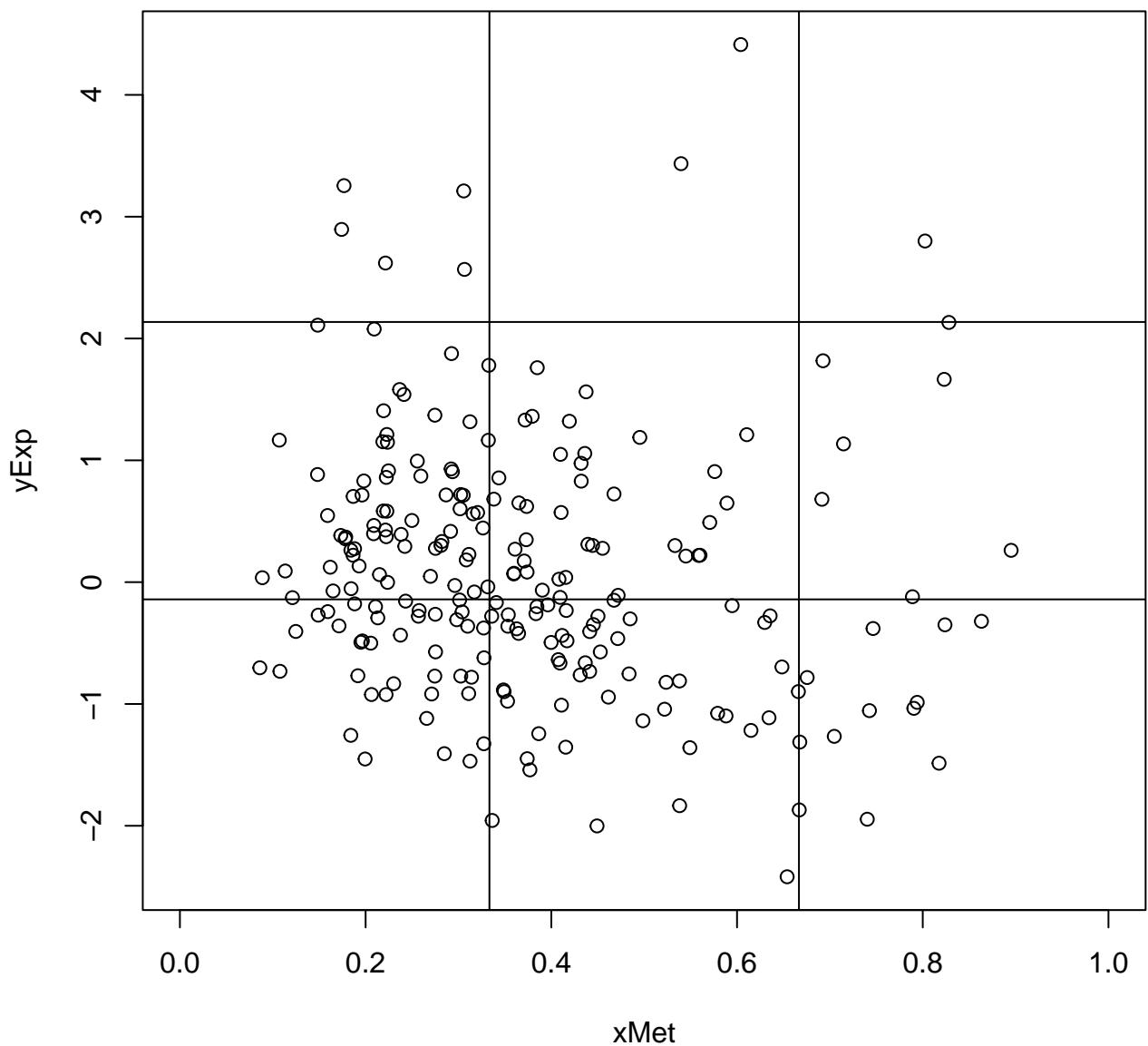
DMRT3, 259



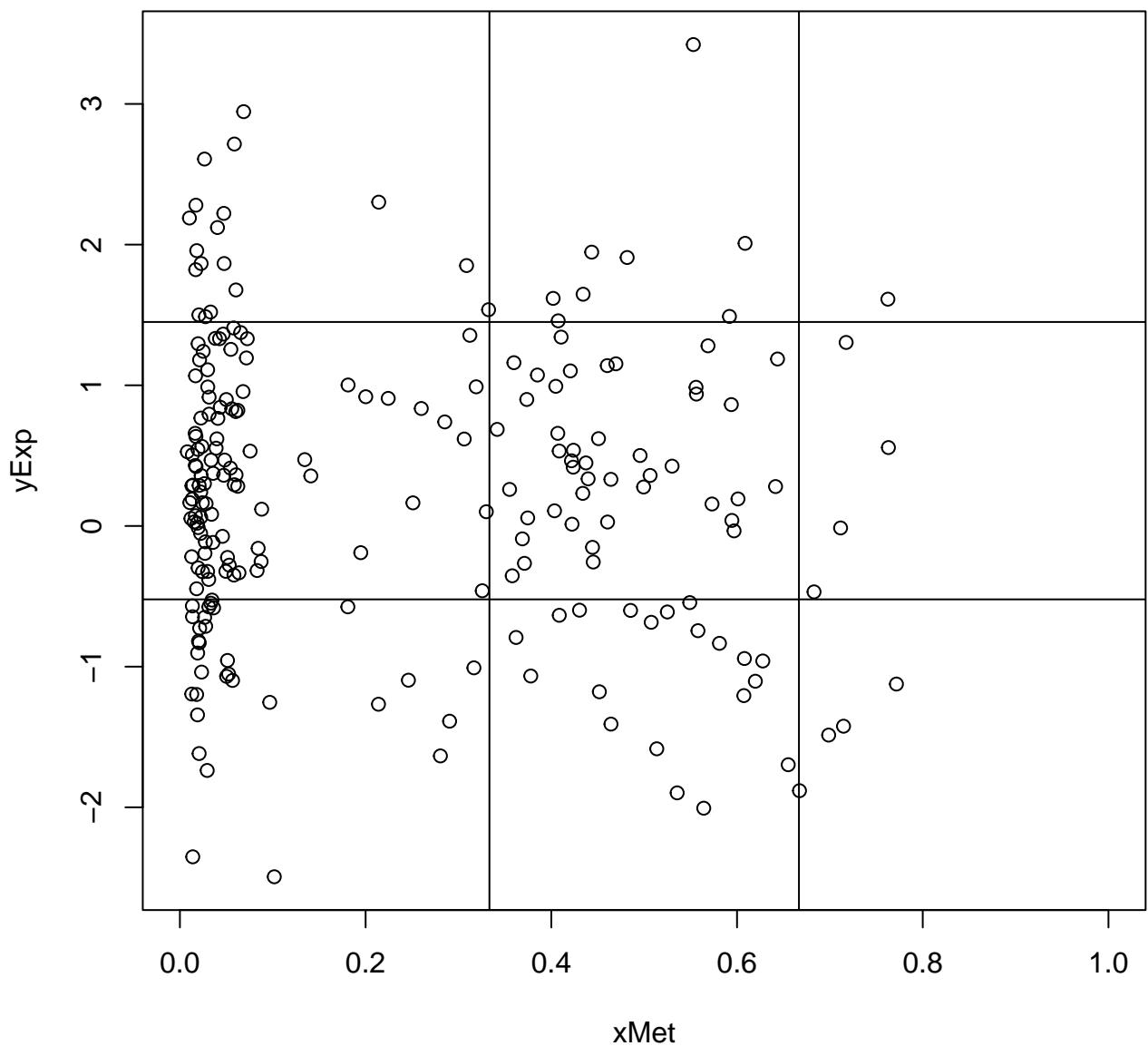
DMRTA1, 174



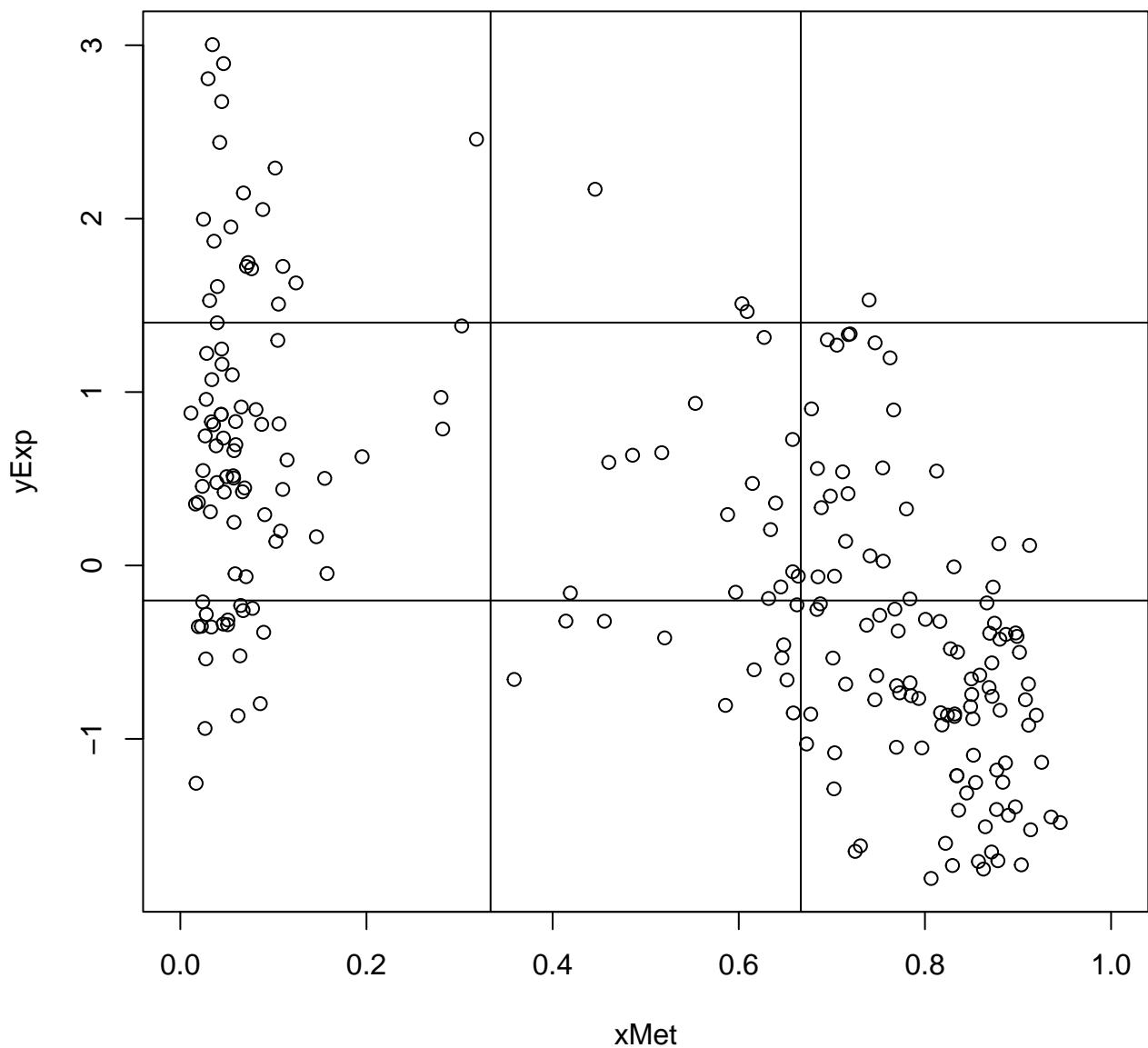
DNAJB1, 129.4



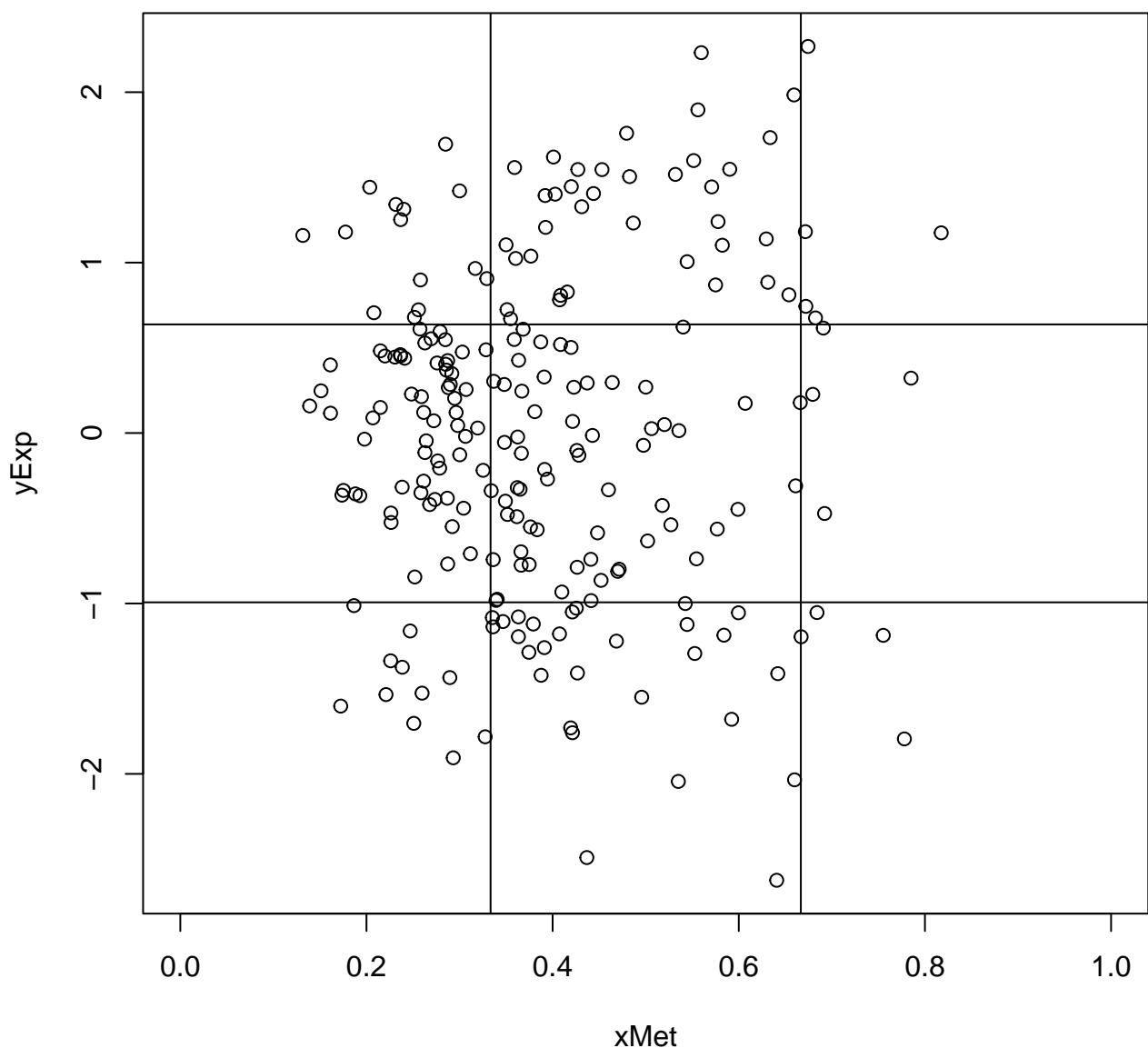
DNAJB6, 120.4



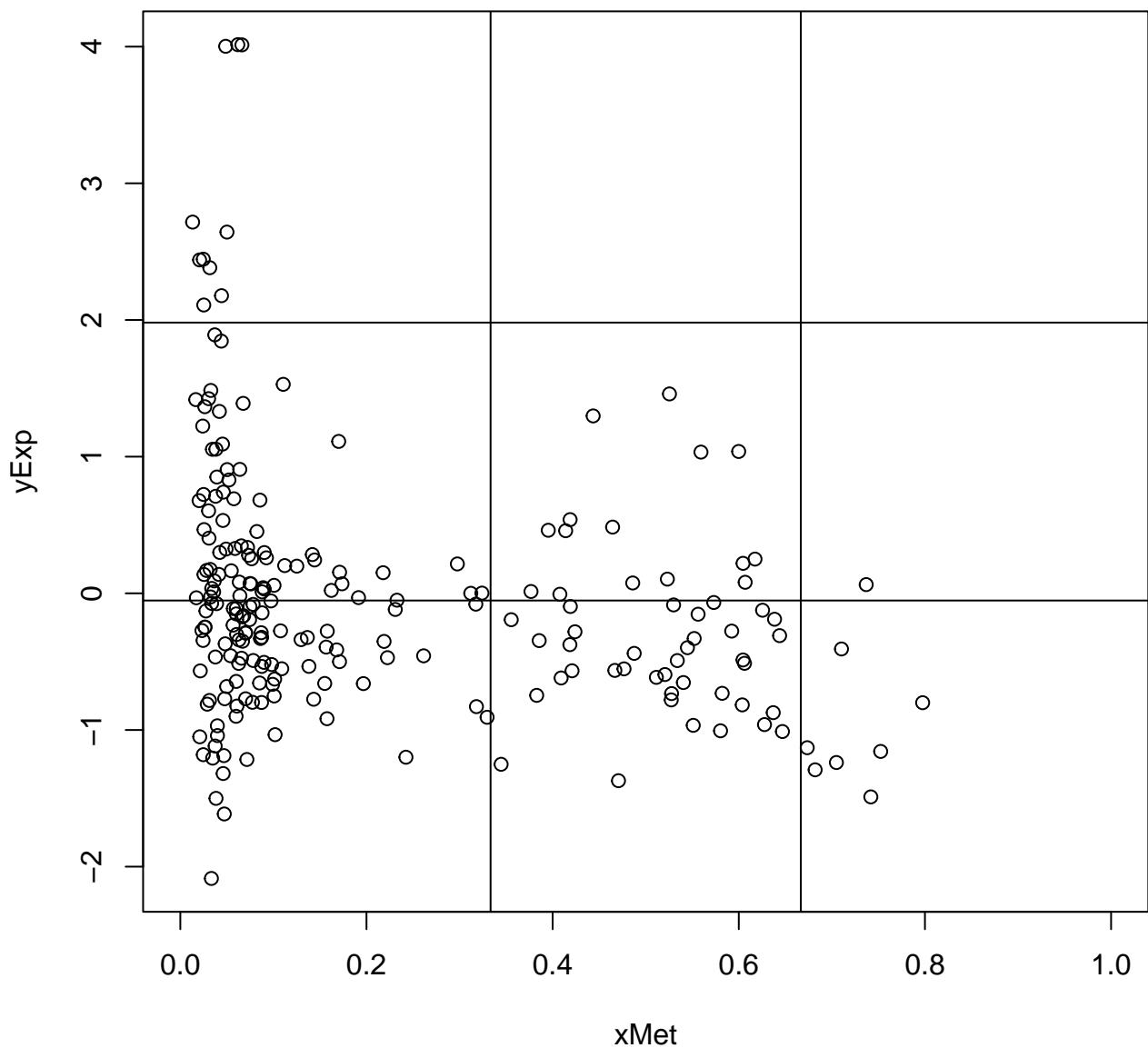
DNM3, 172.4



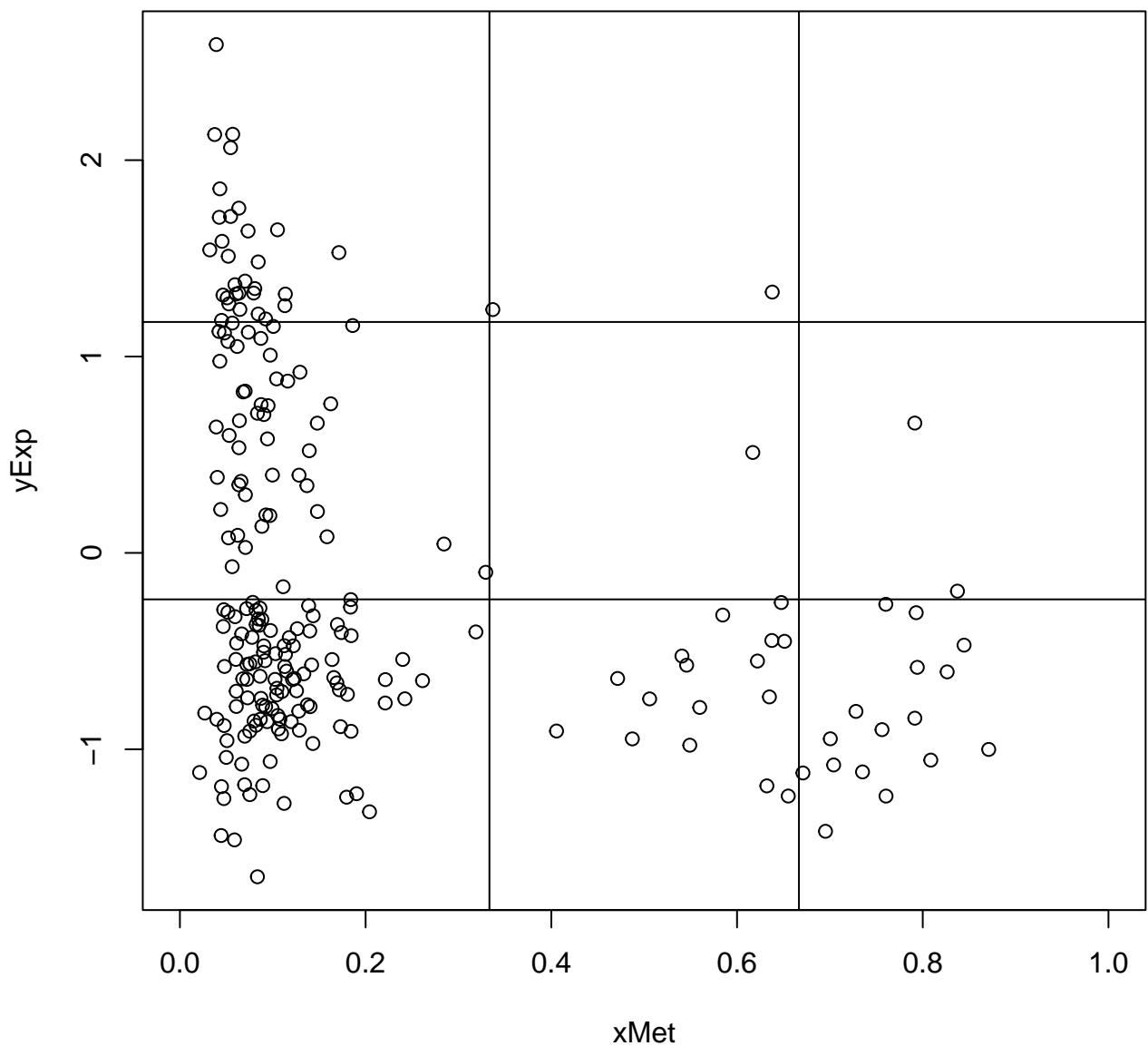
DPP4, -168



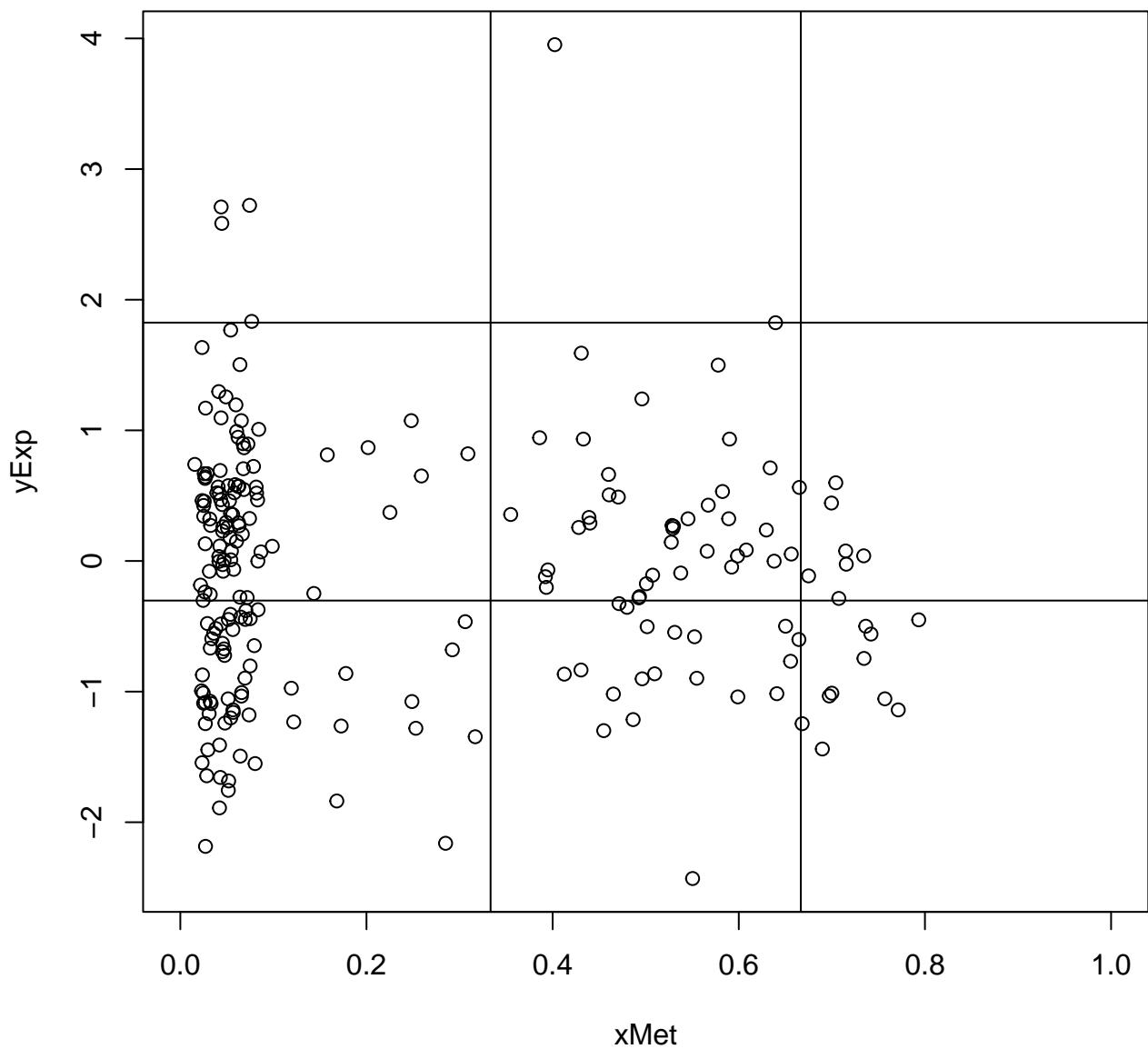
DRD1, 222



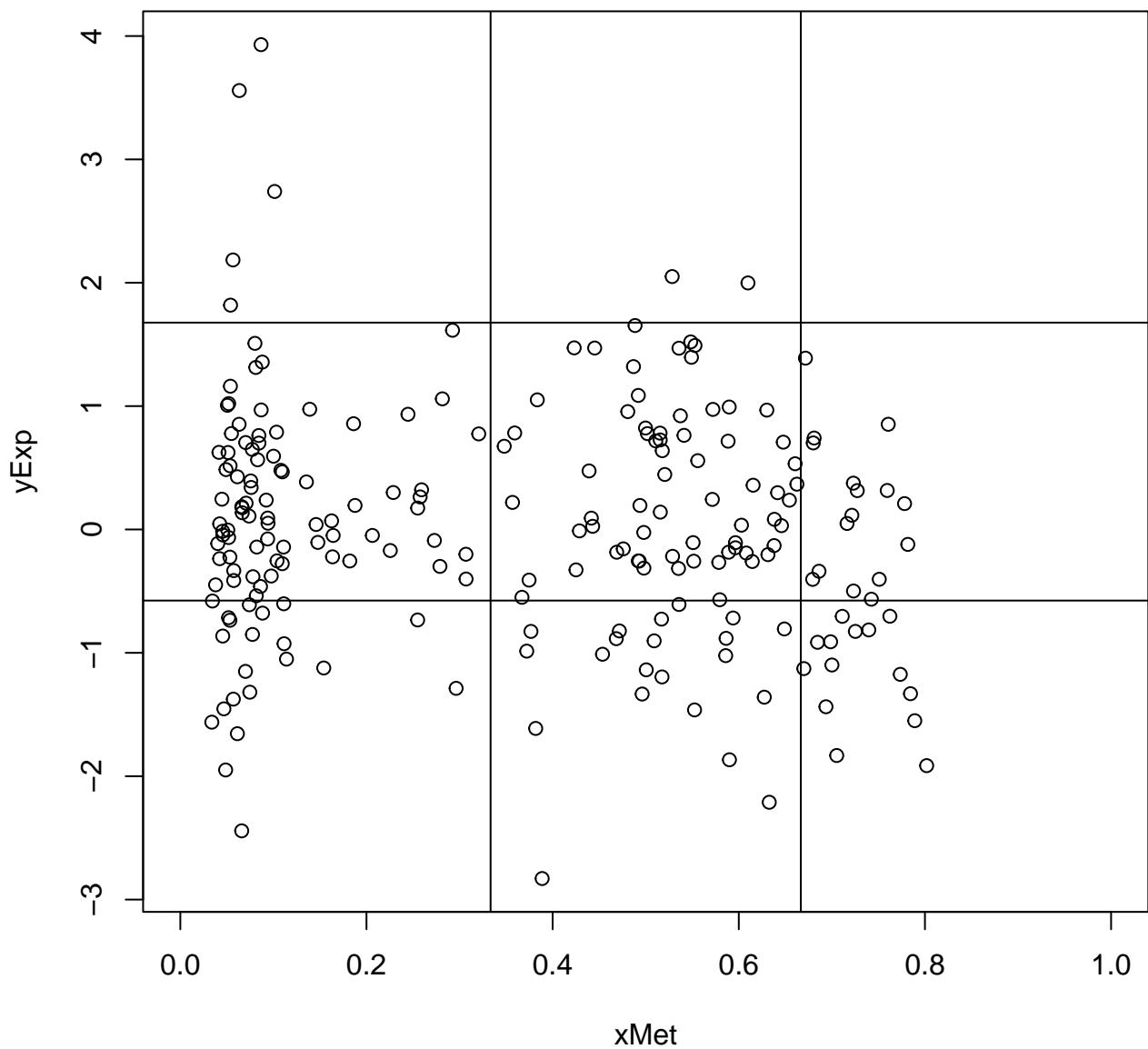
DSC3, 256



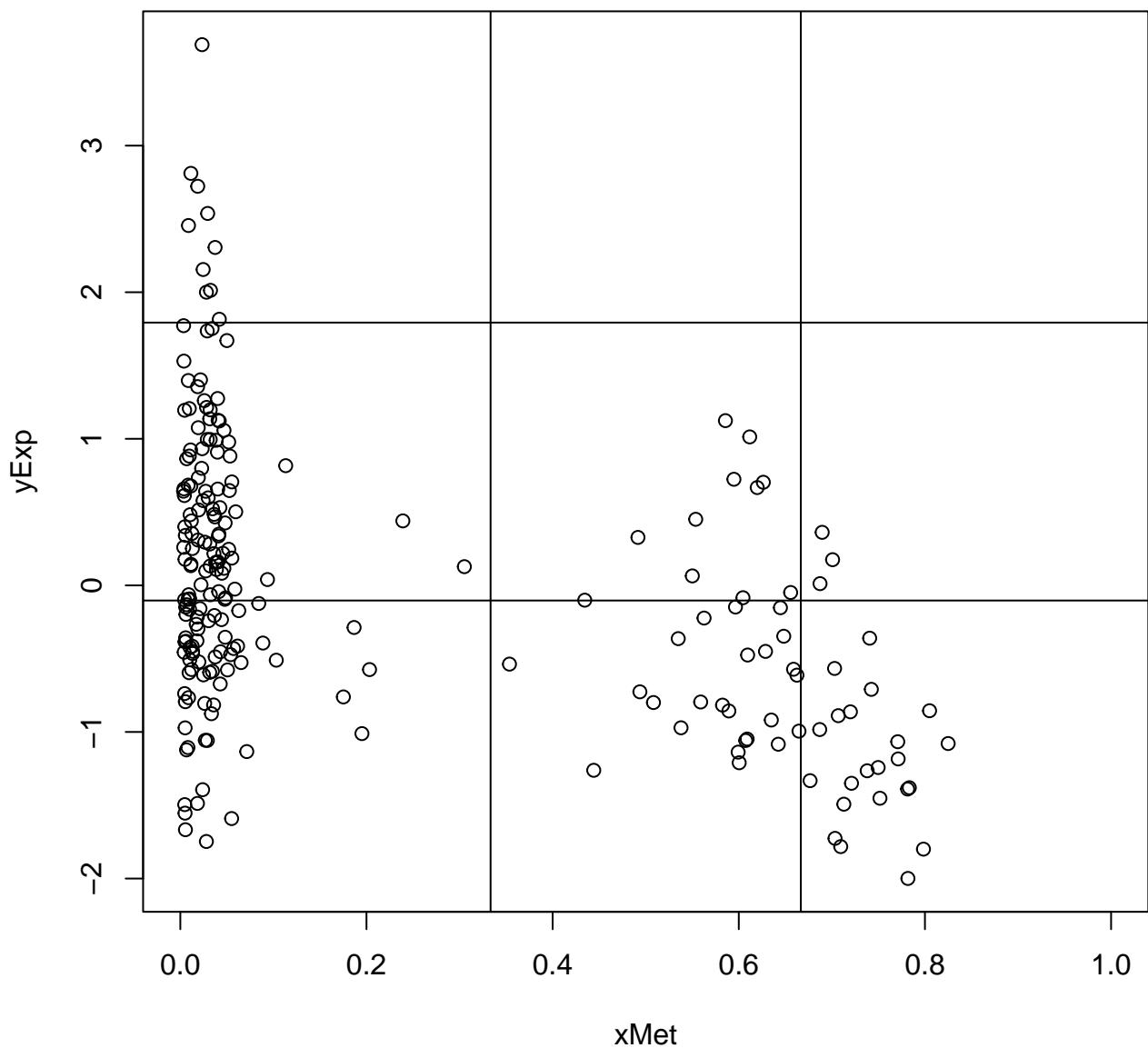
DSEL, 174



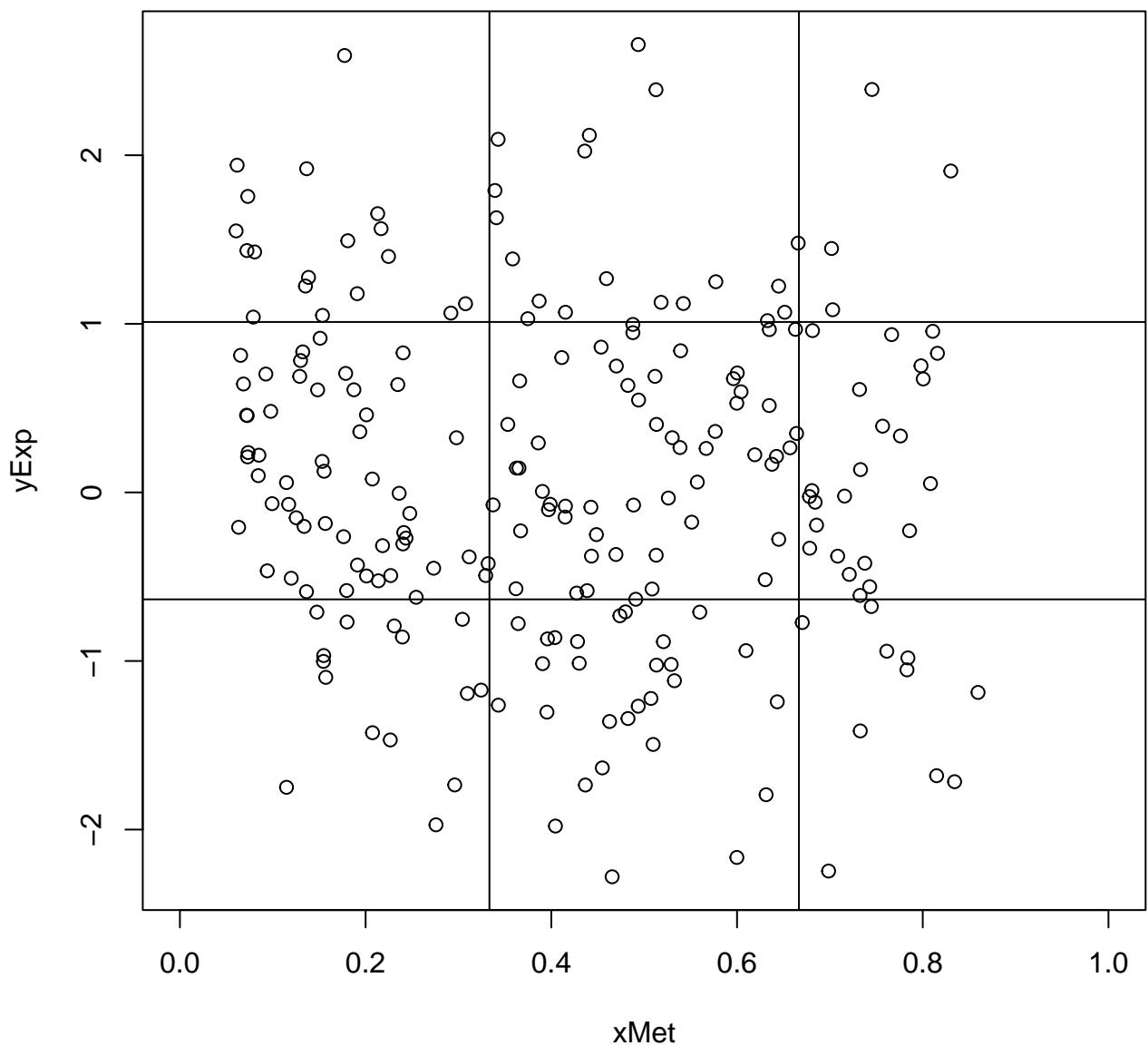
DUSP26, 122



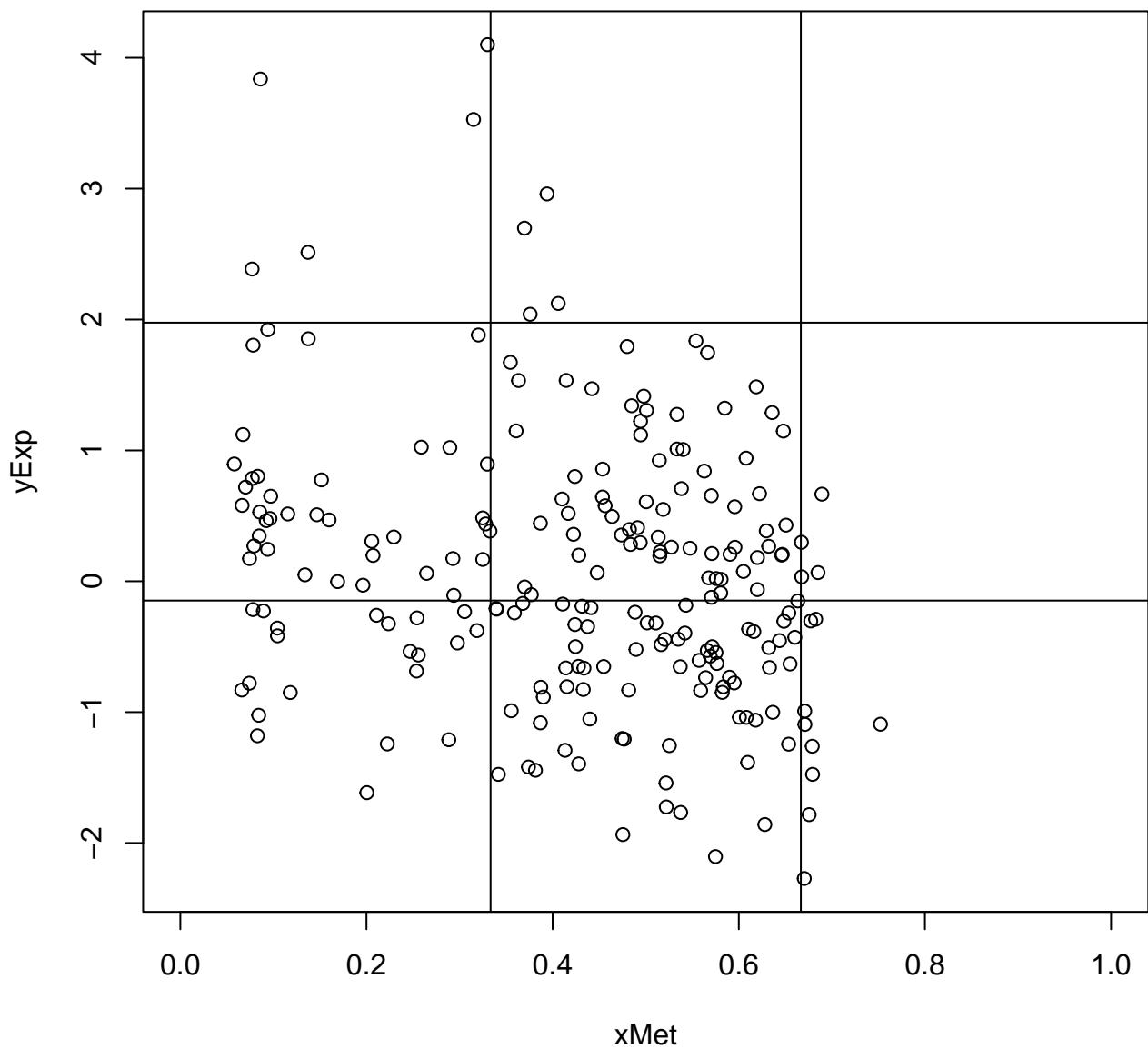
DYNLRB2, 235



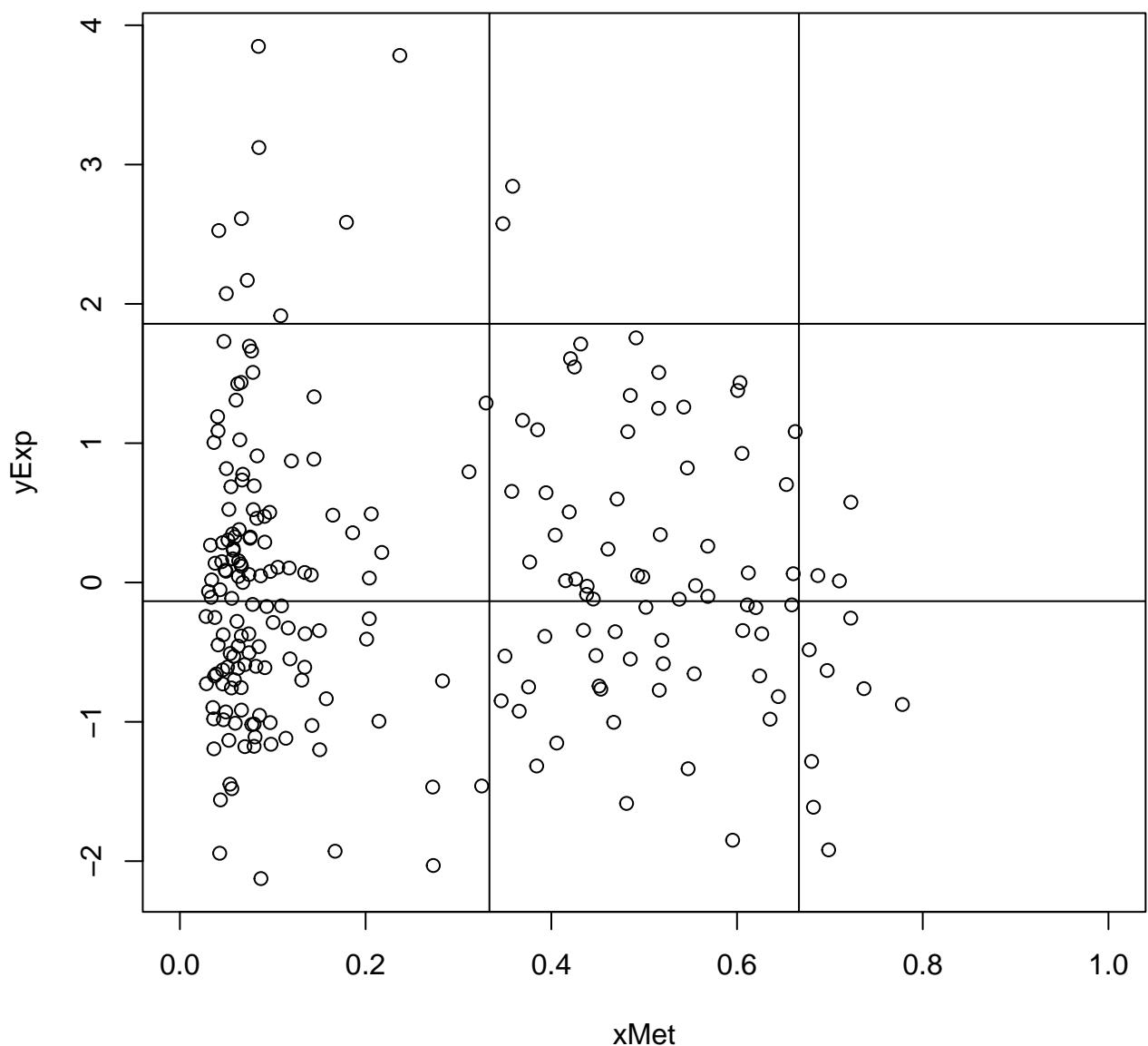
DYRK3, -111.4



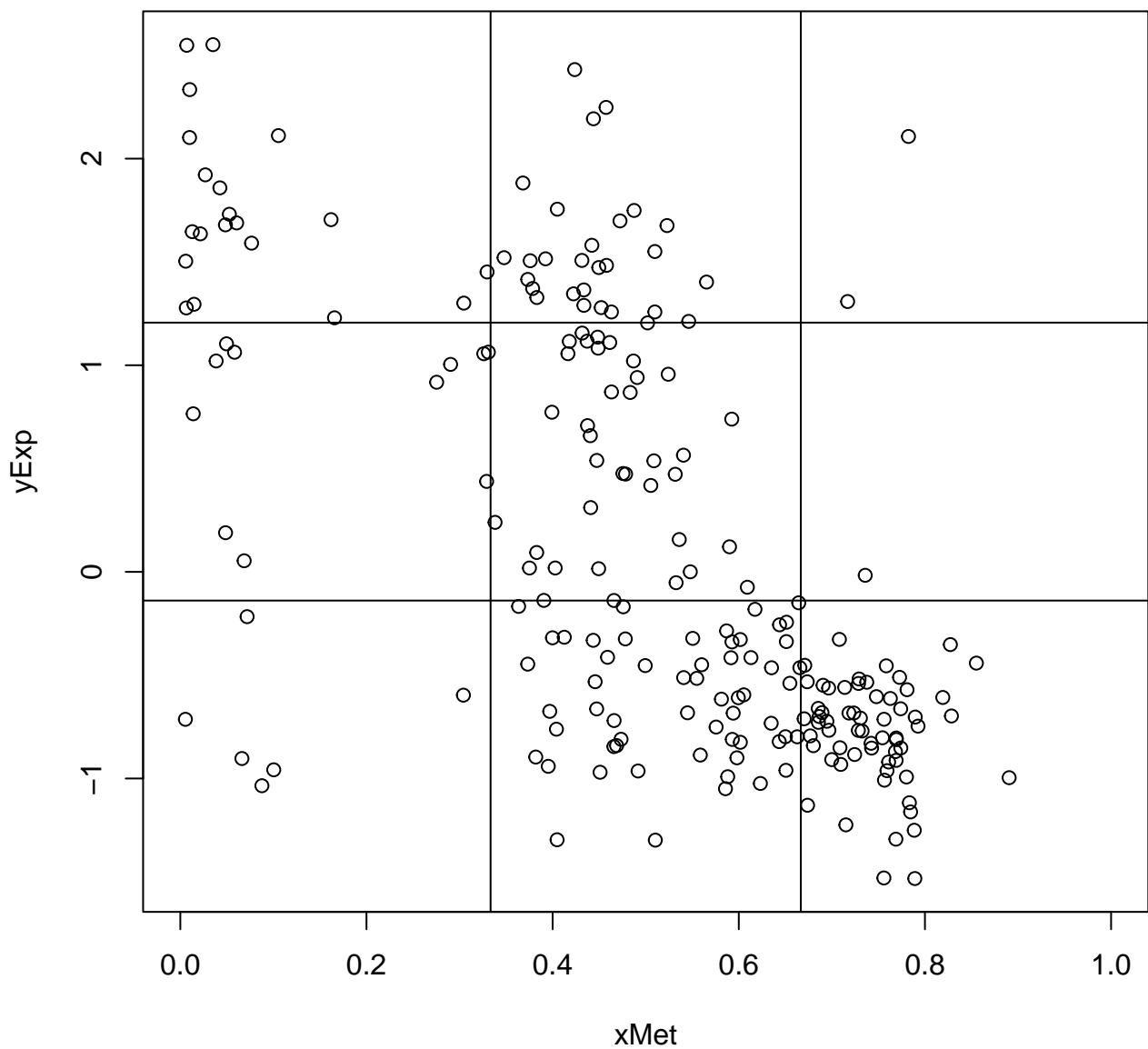
EBF1, 145



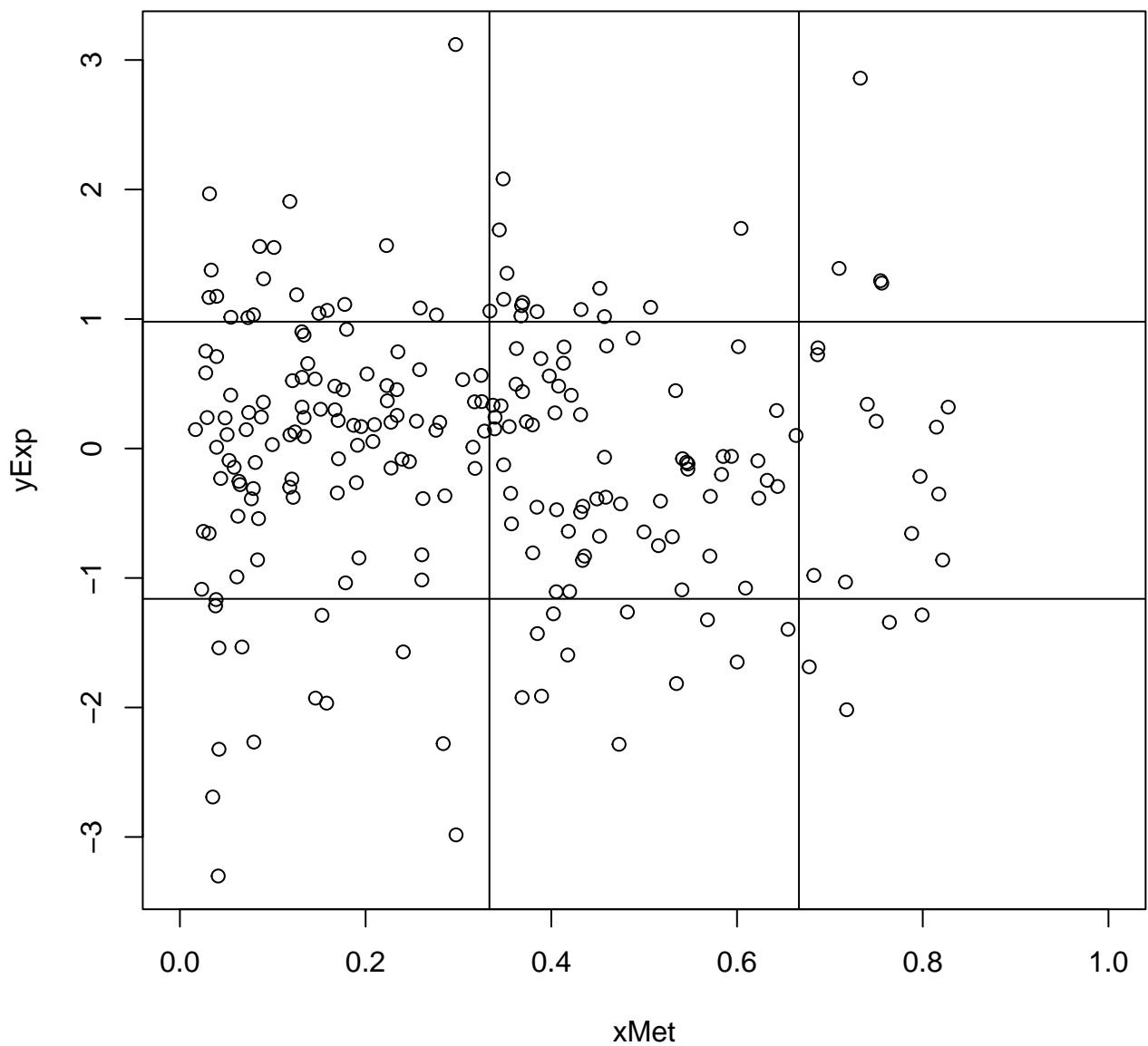
EBF3, 187



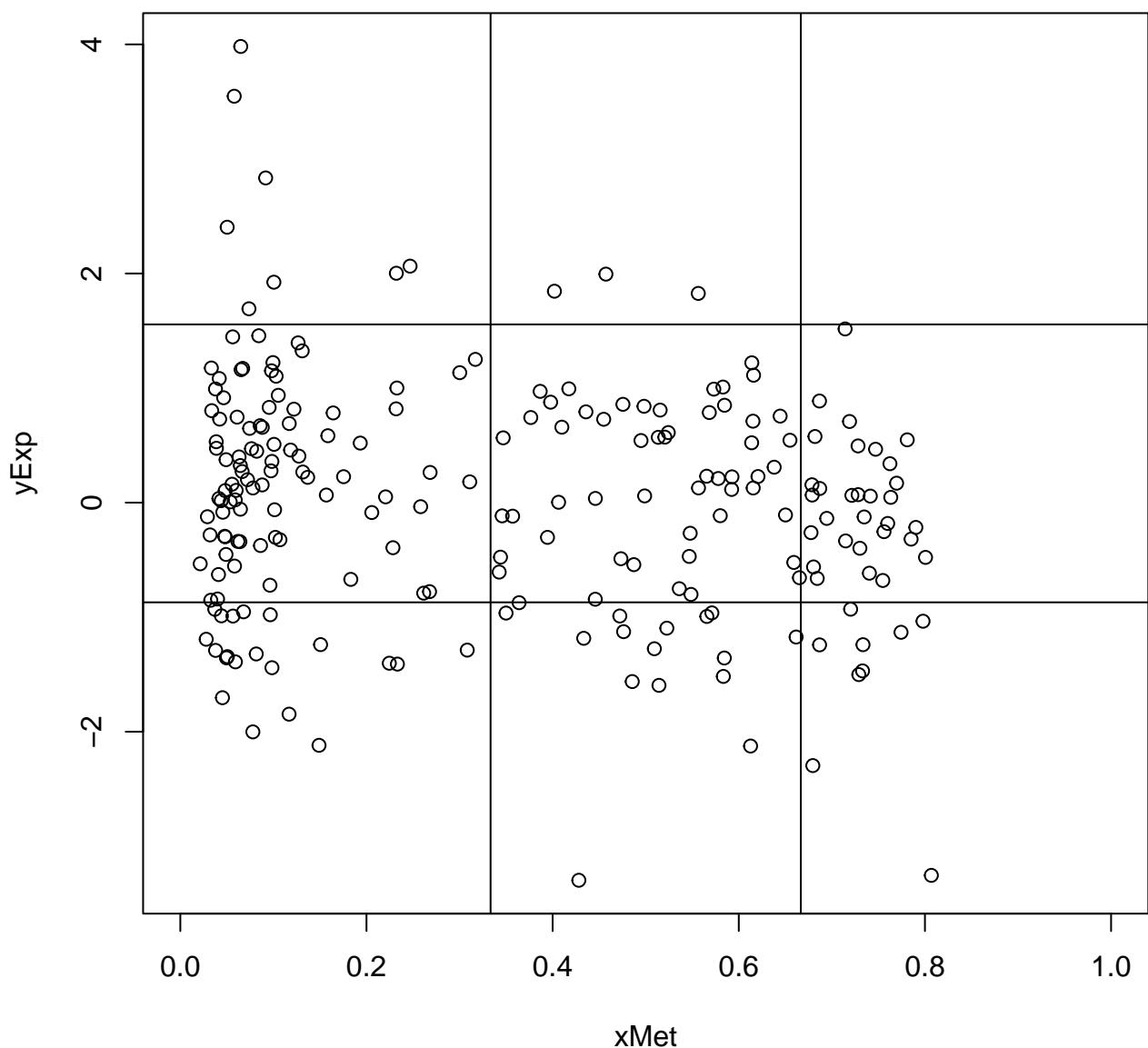
ECHDC3, 91.8



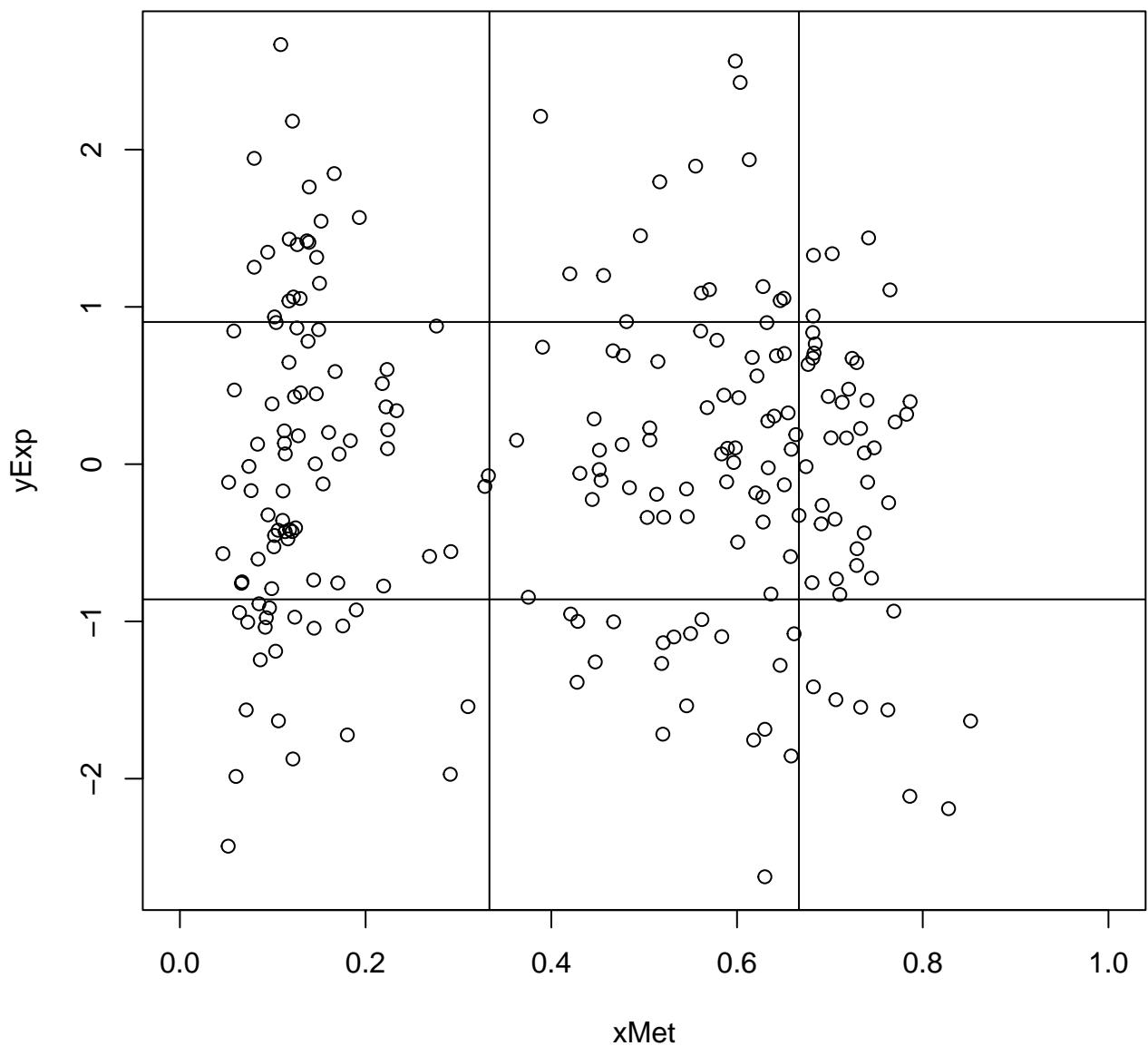
EFCAB13, -75.4



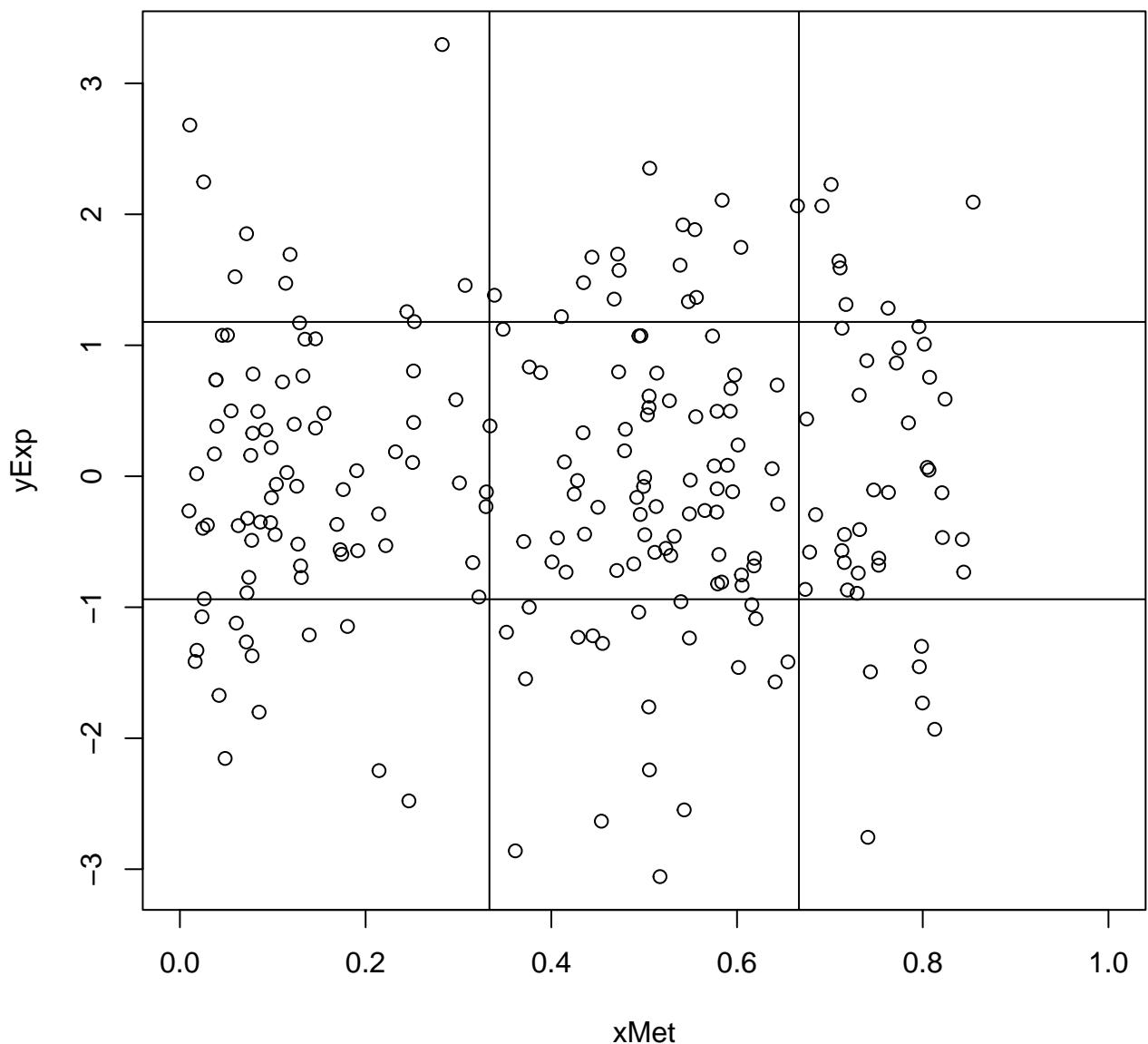
EFNB3, 89



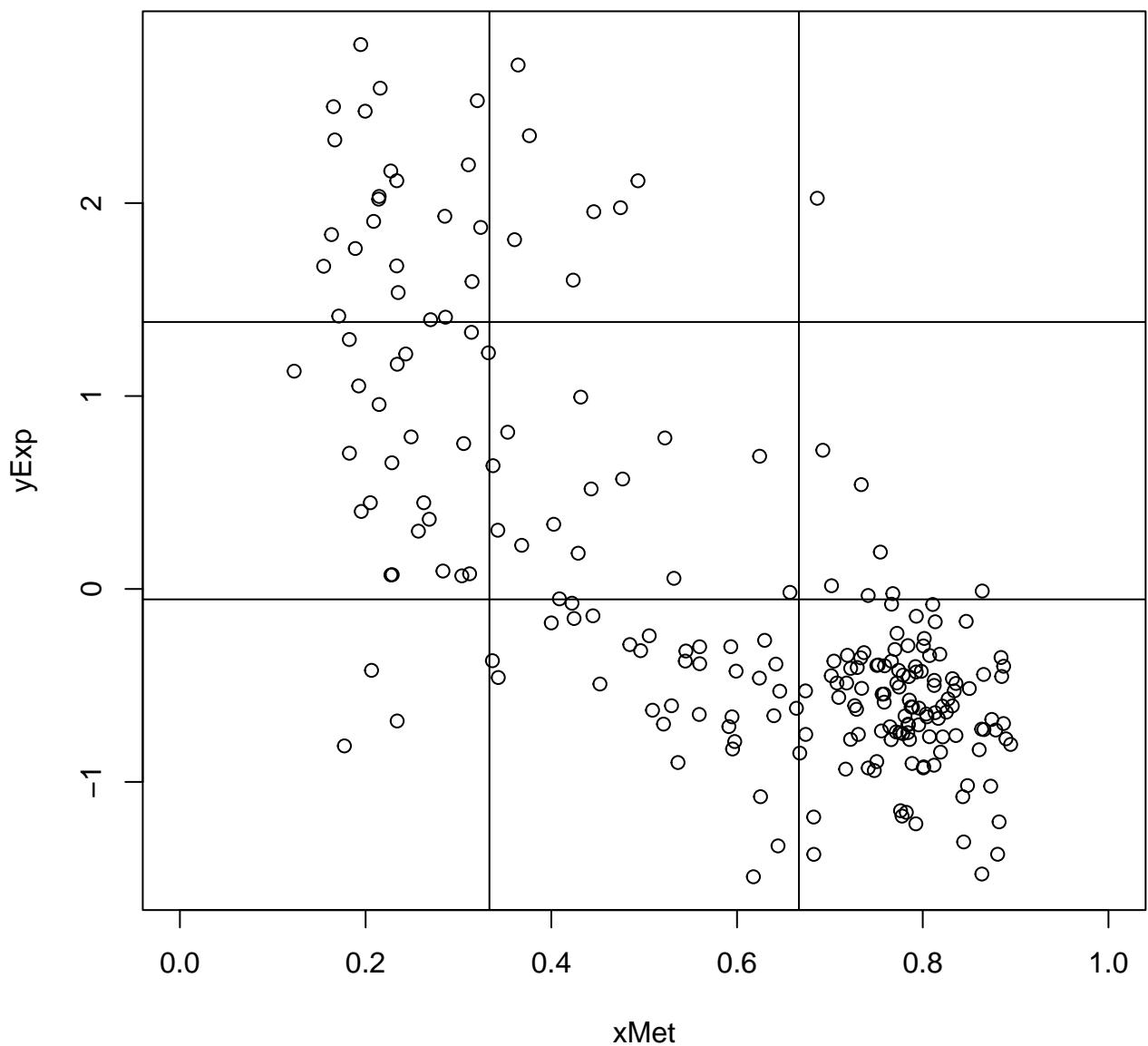
EGR2, -171



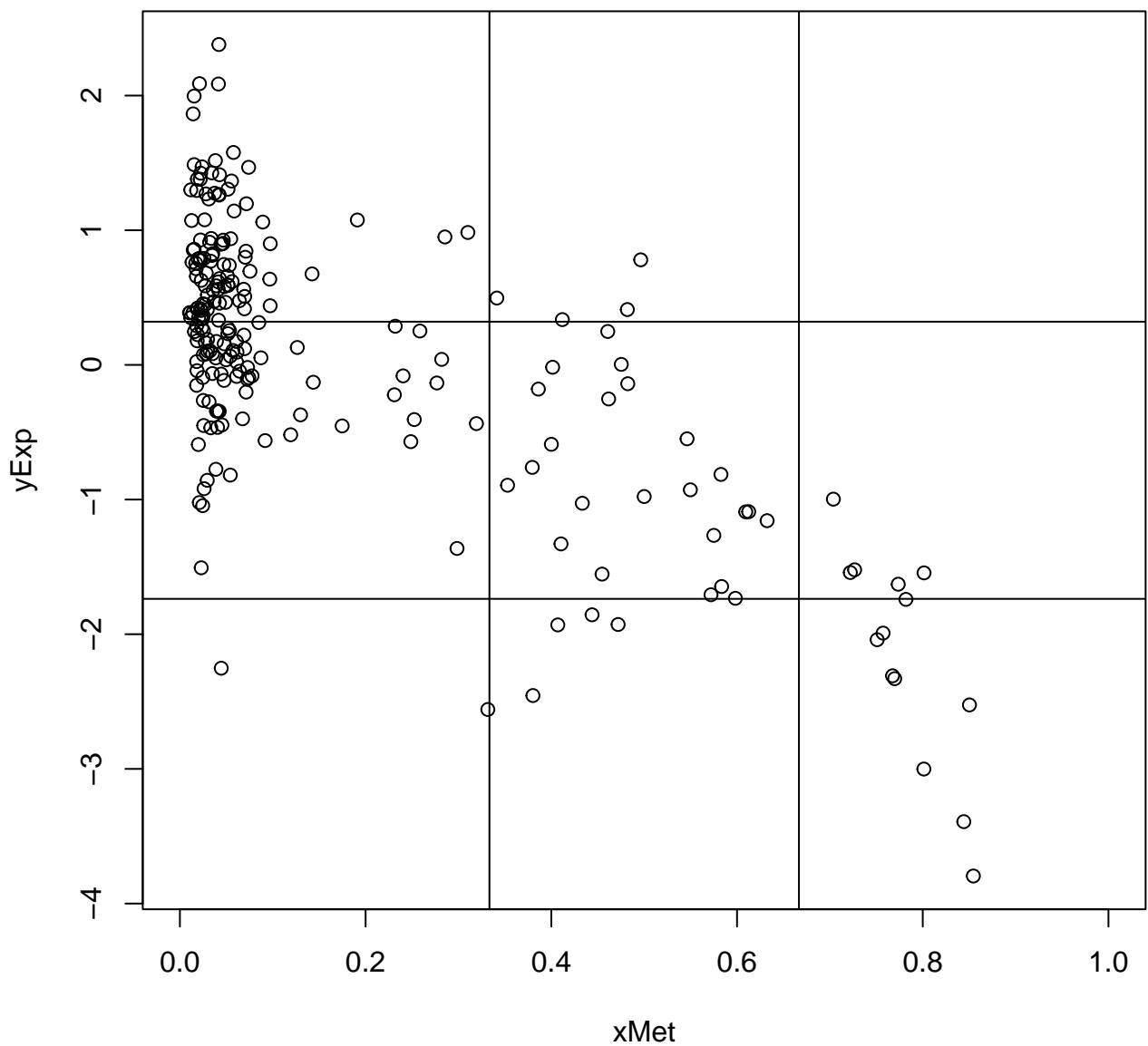
EIF1B, -282.2



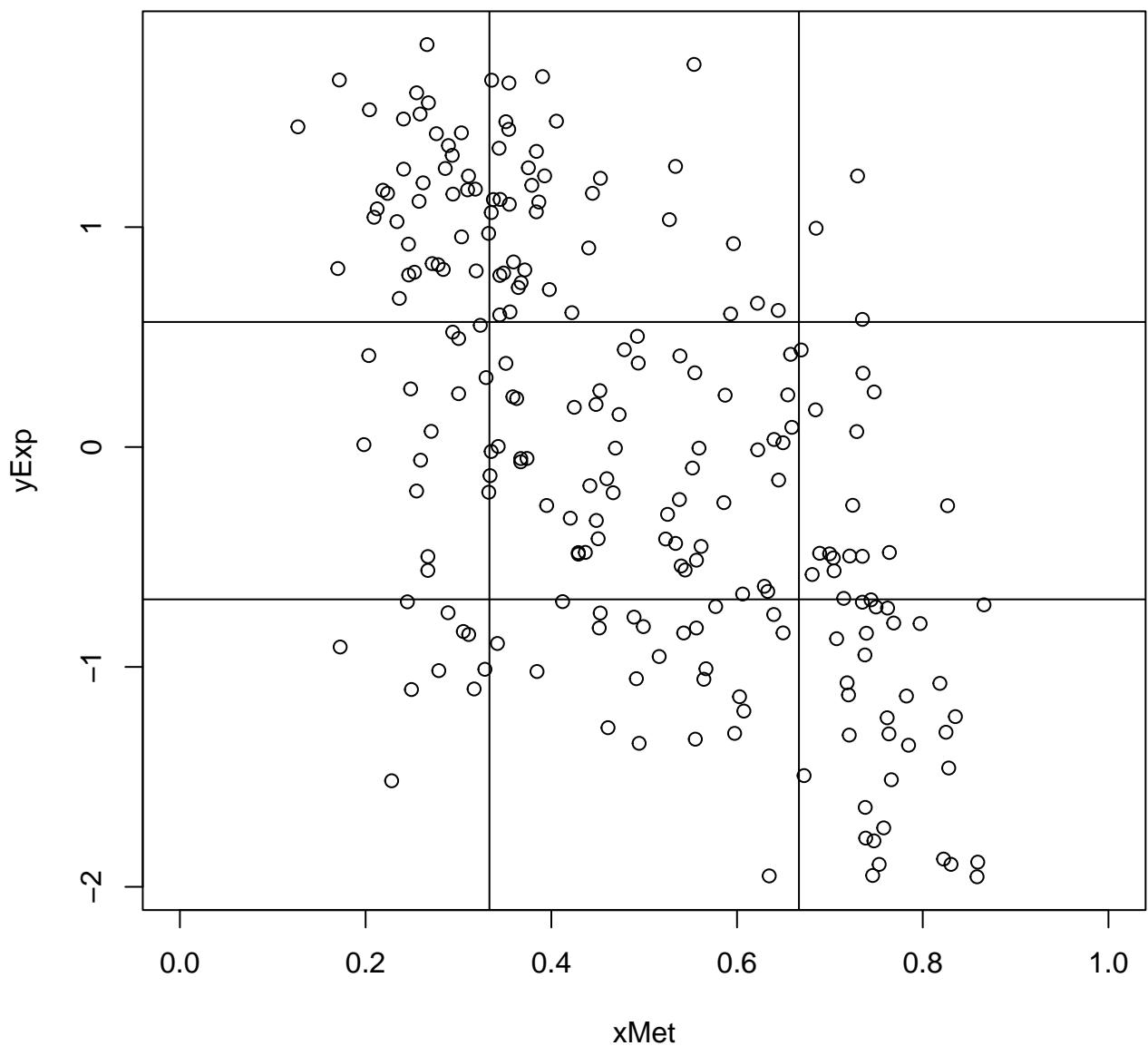
ELF5, 256.4



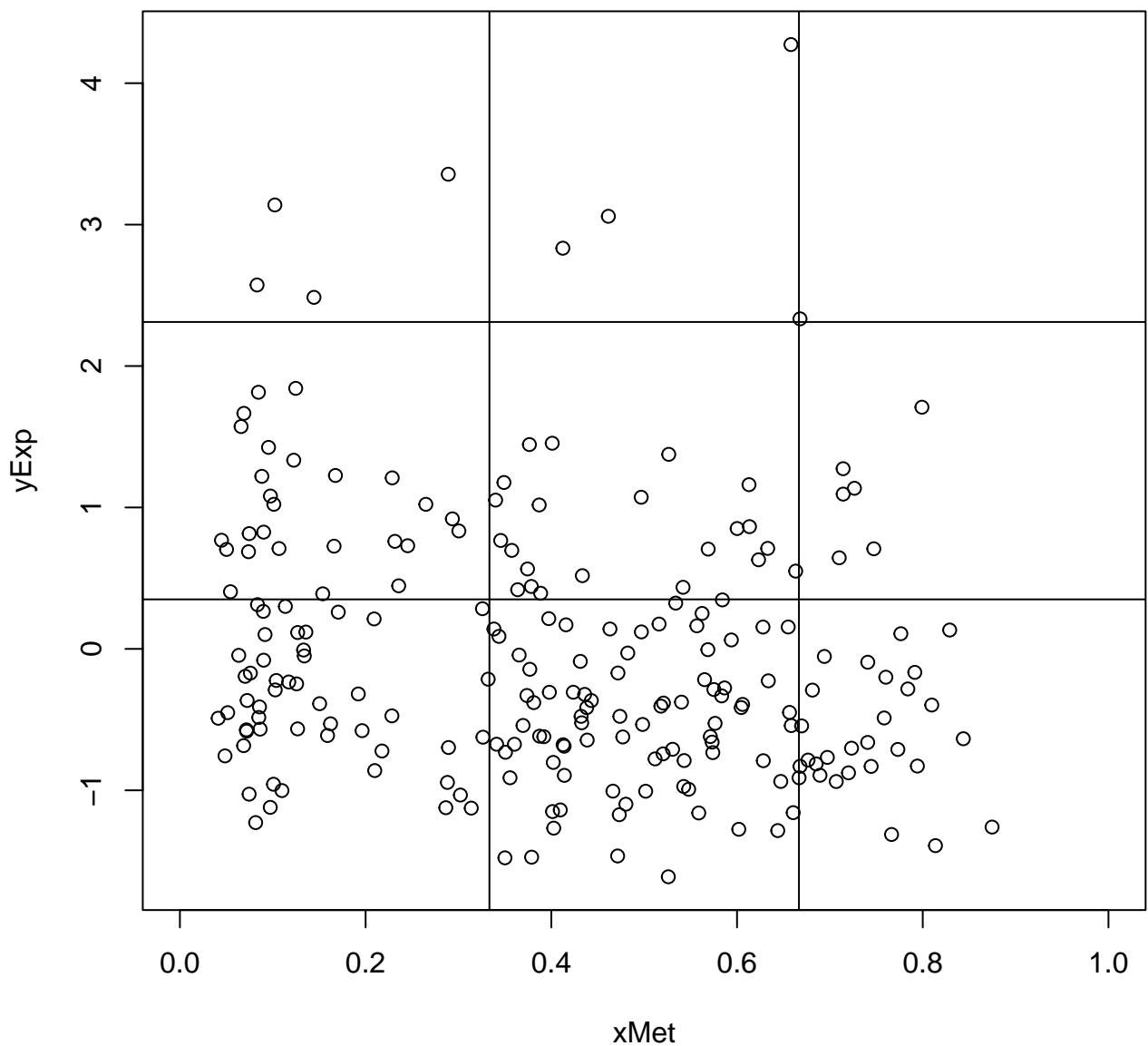
ELOVL5, 281



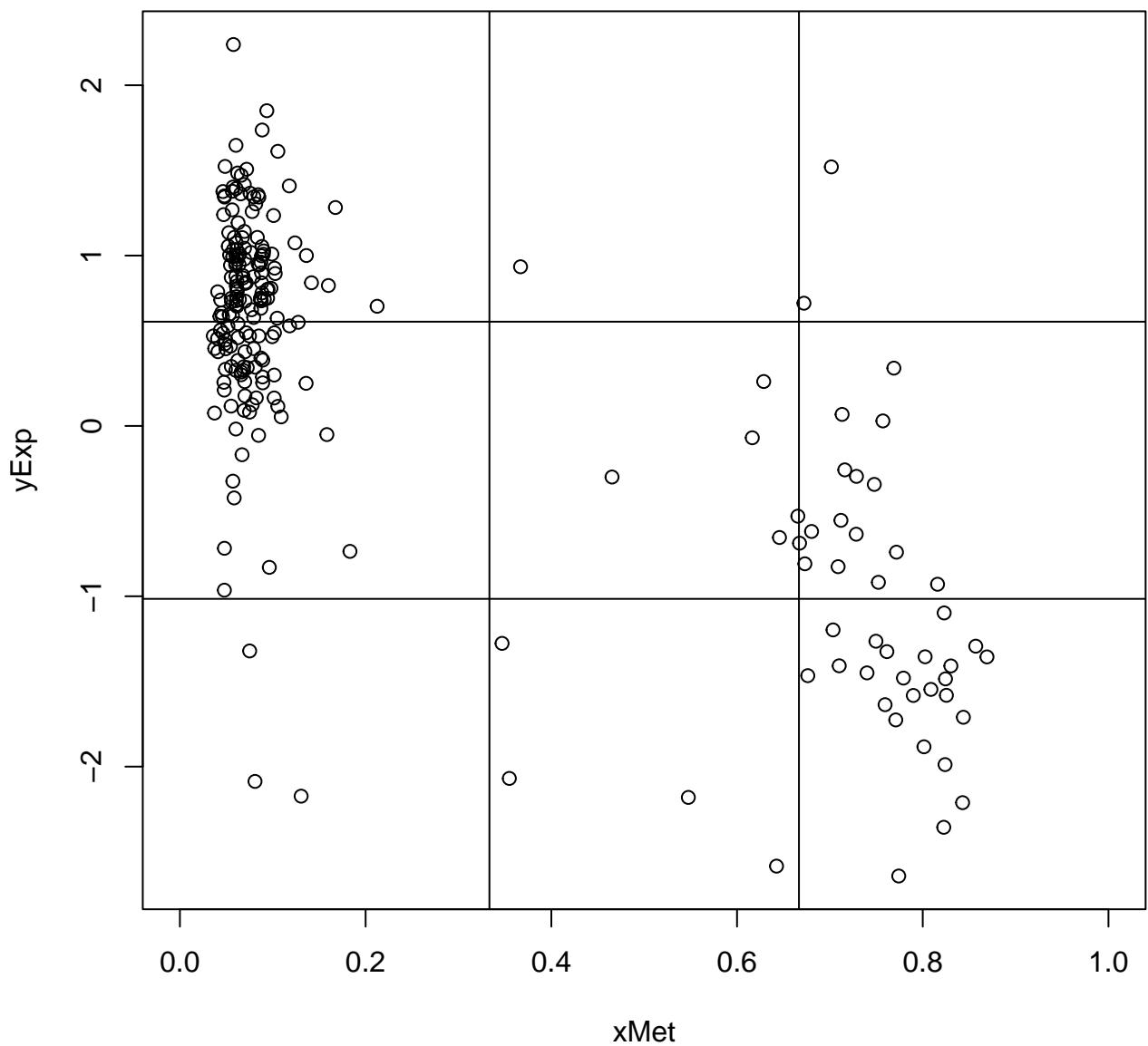
ENPP3, -54.8



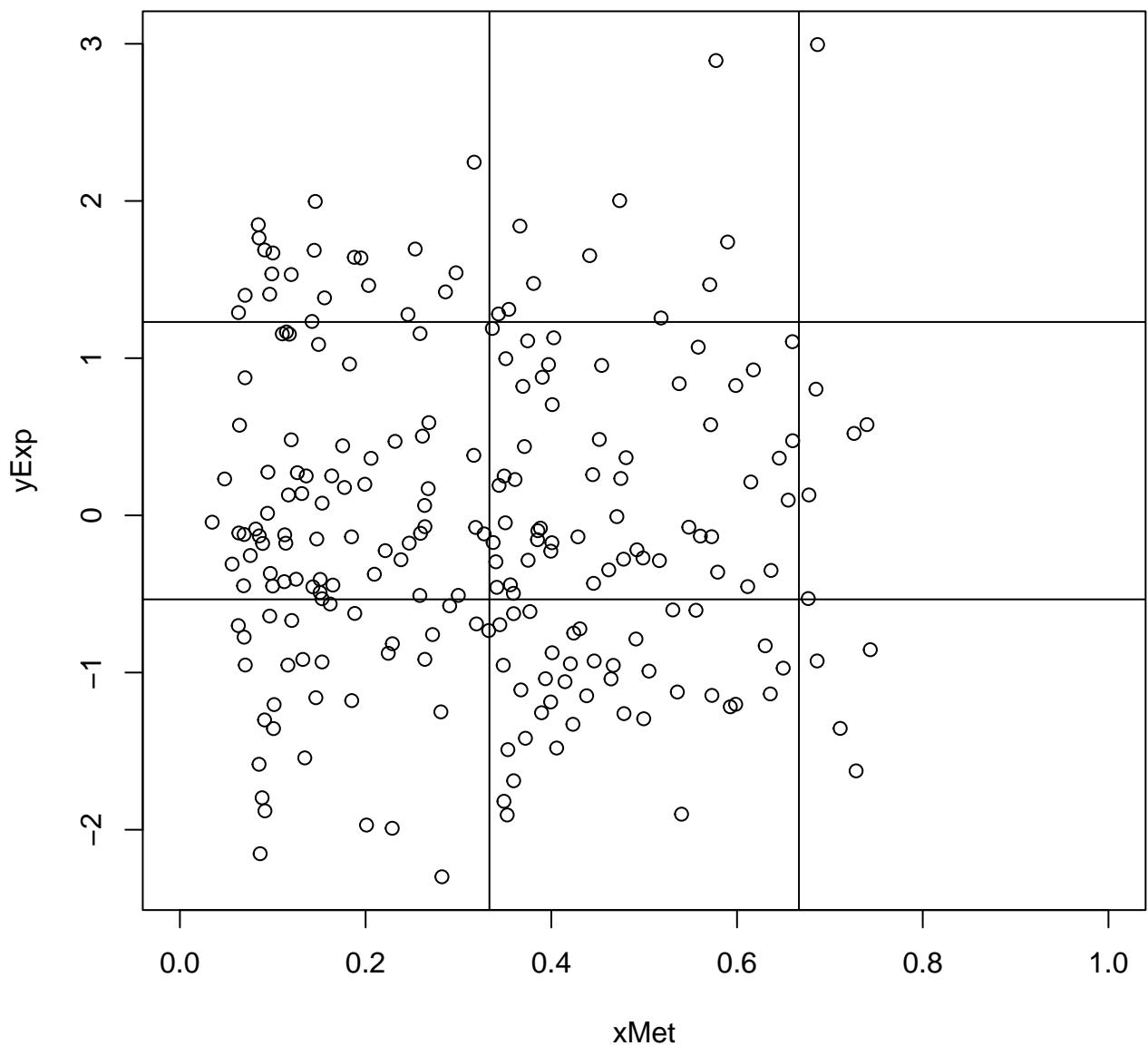
ENTPD3, 160.4



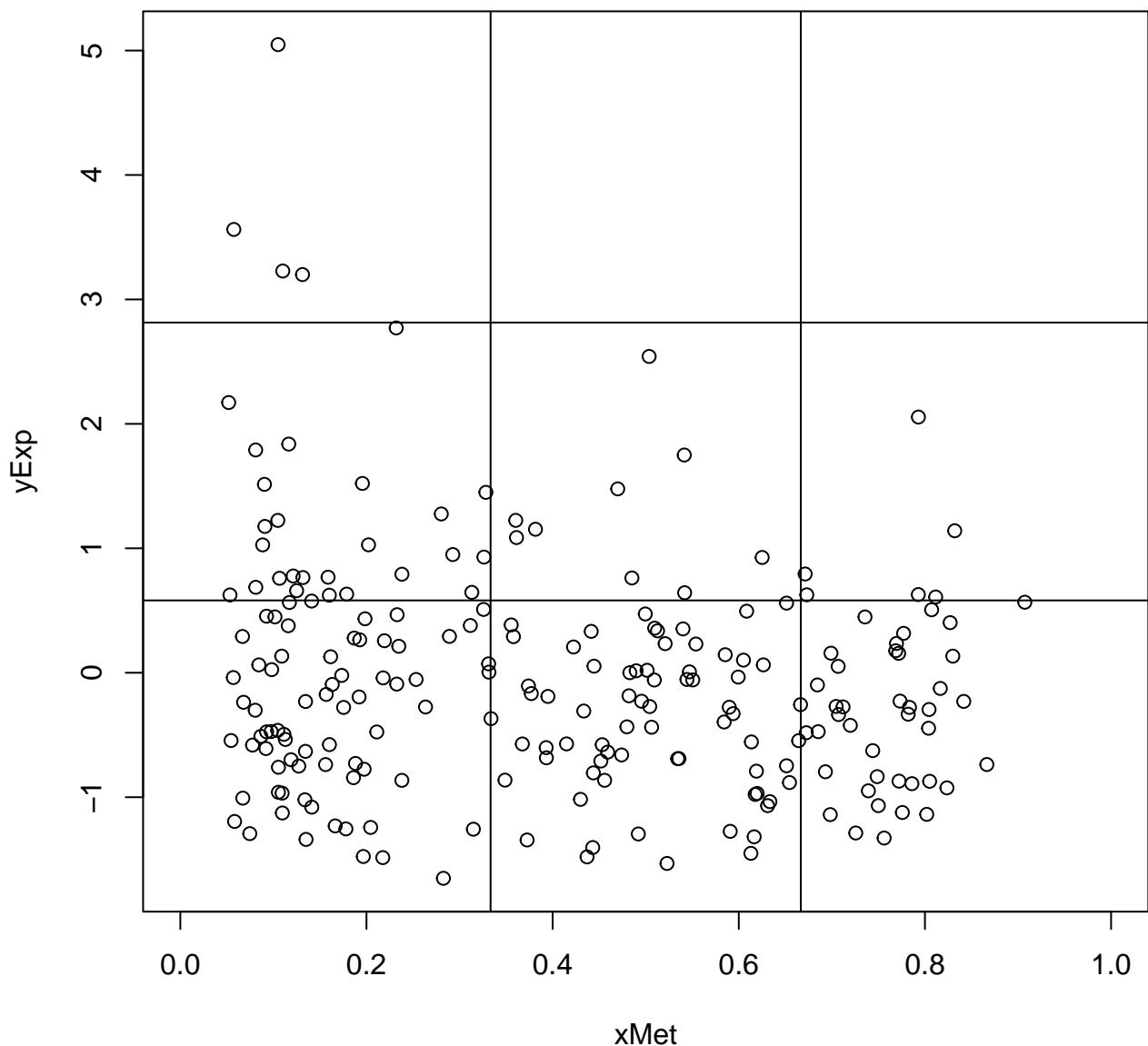
EPDR1, 210.8



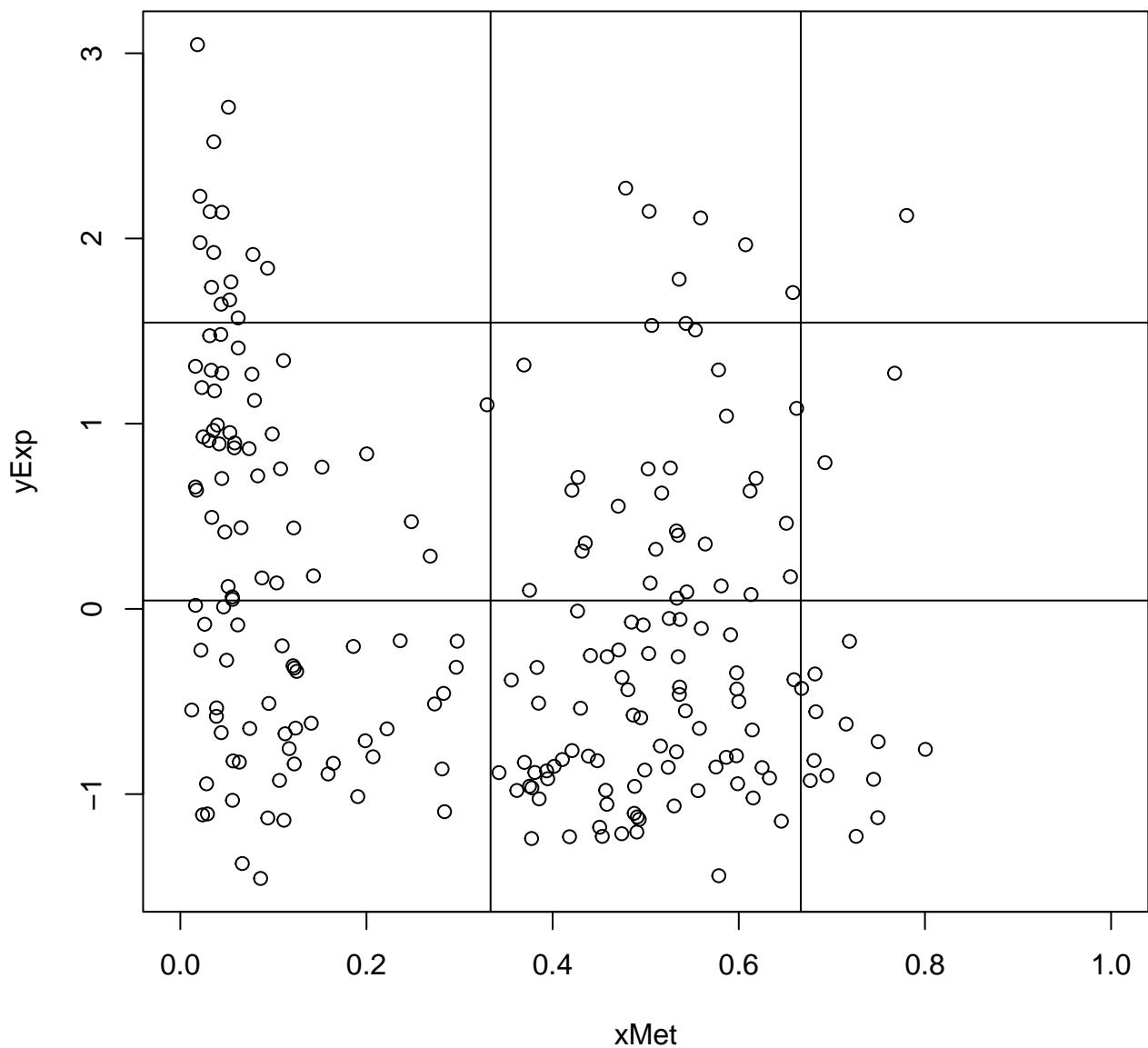
EPHA5, 104.4



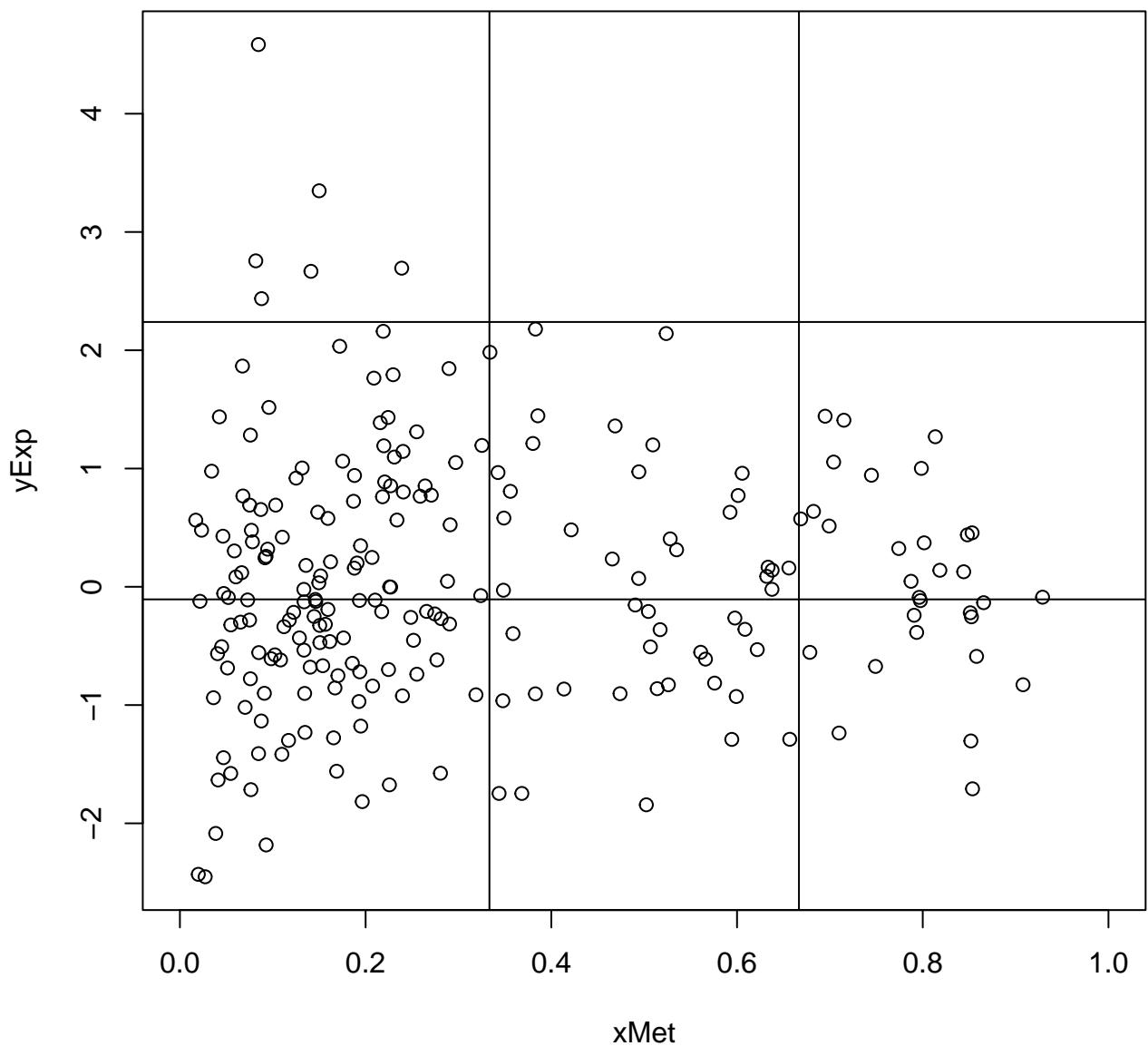
EPHA8, 240



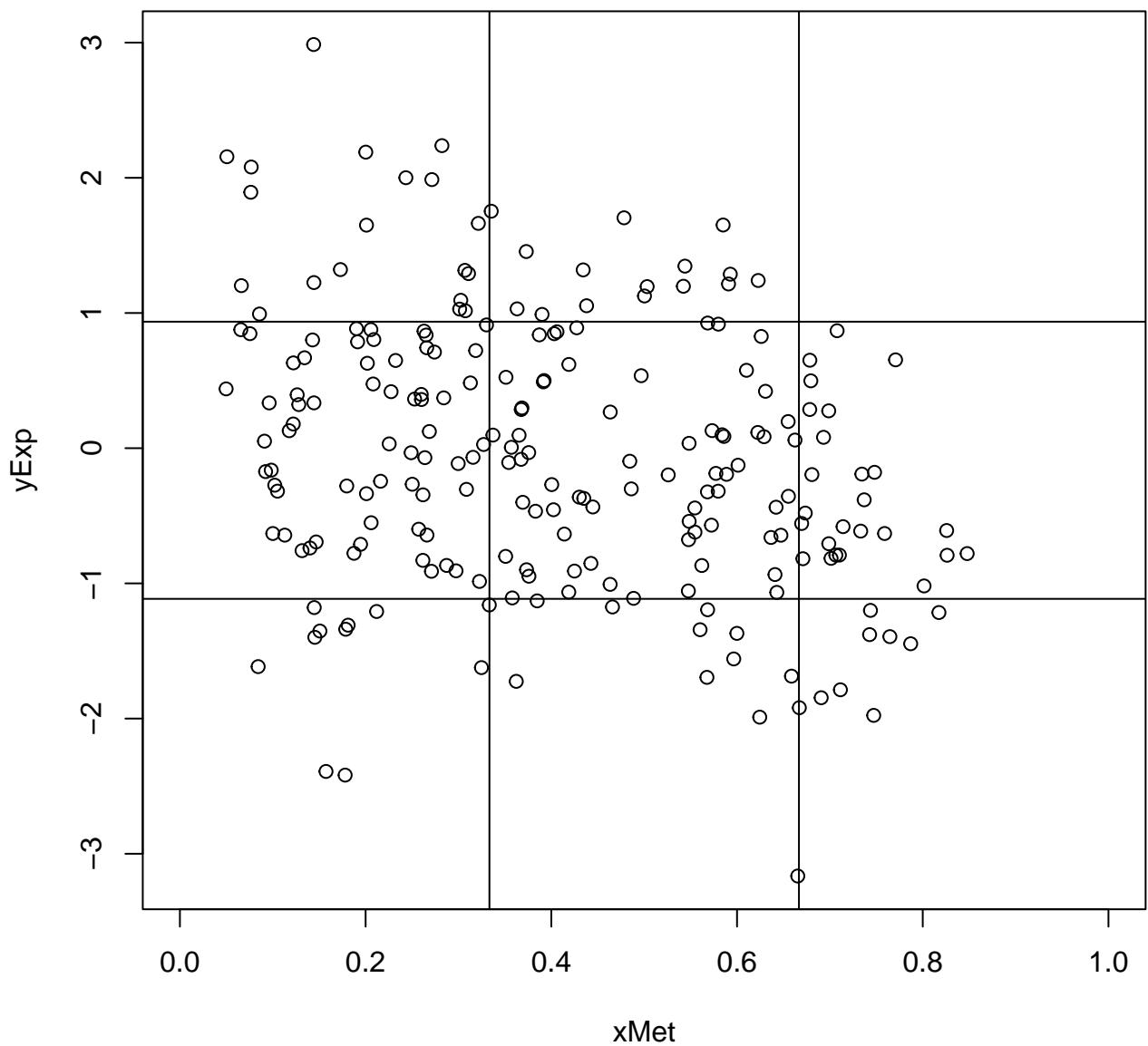
EPHB1, 152.4



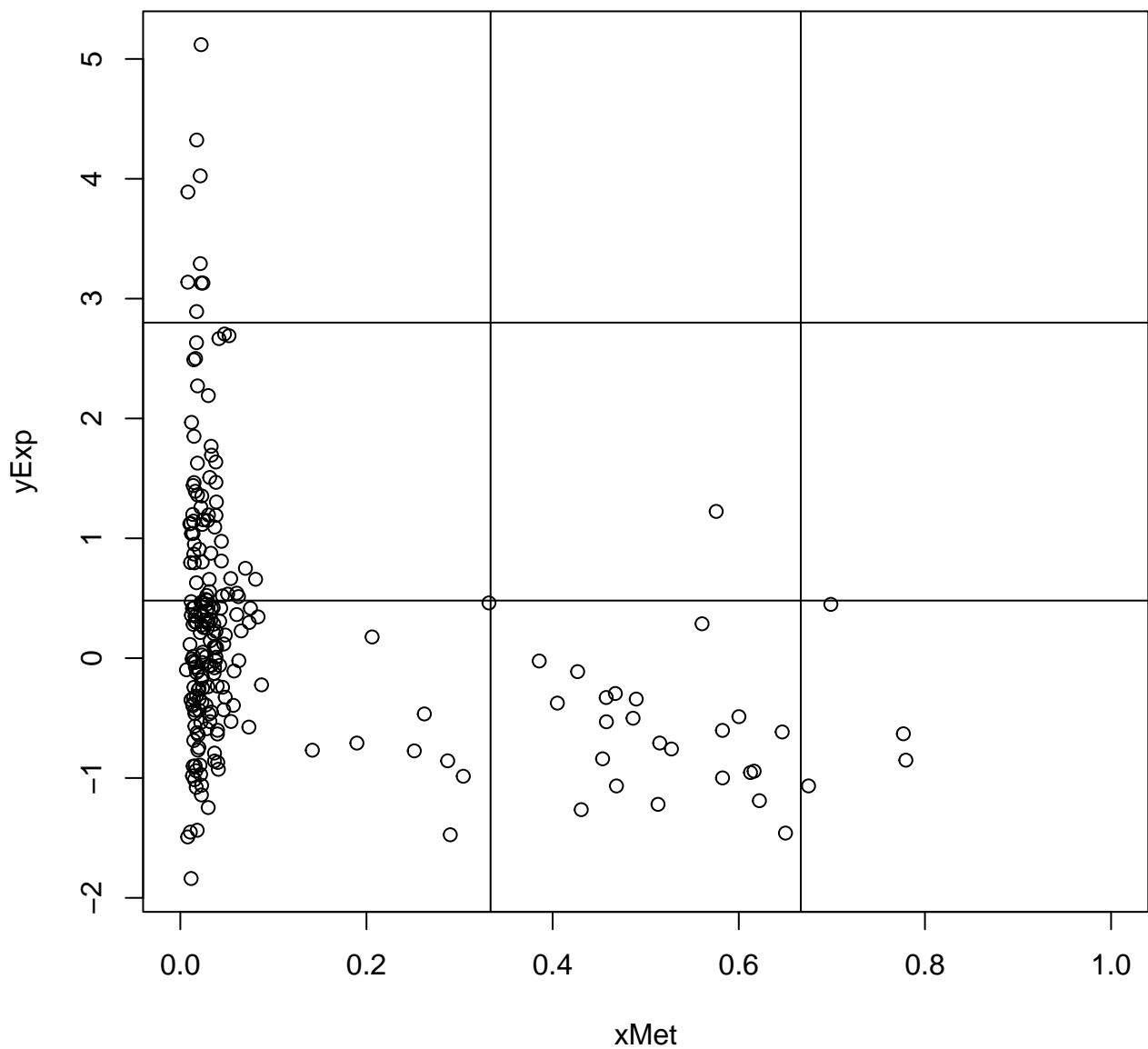
ERG, 163



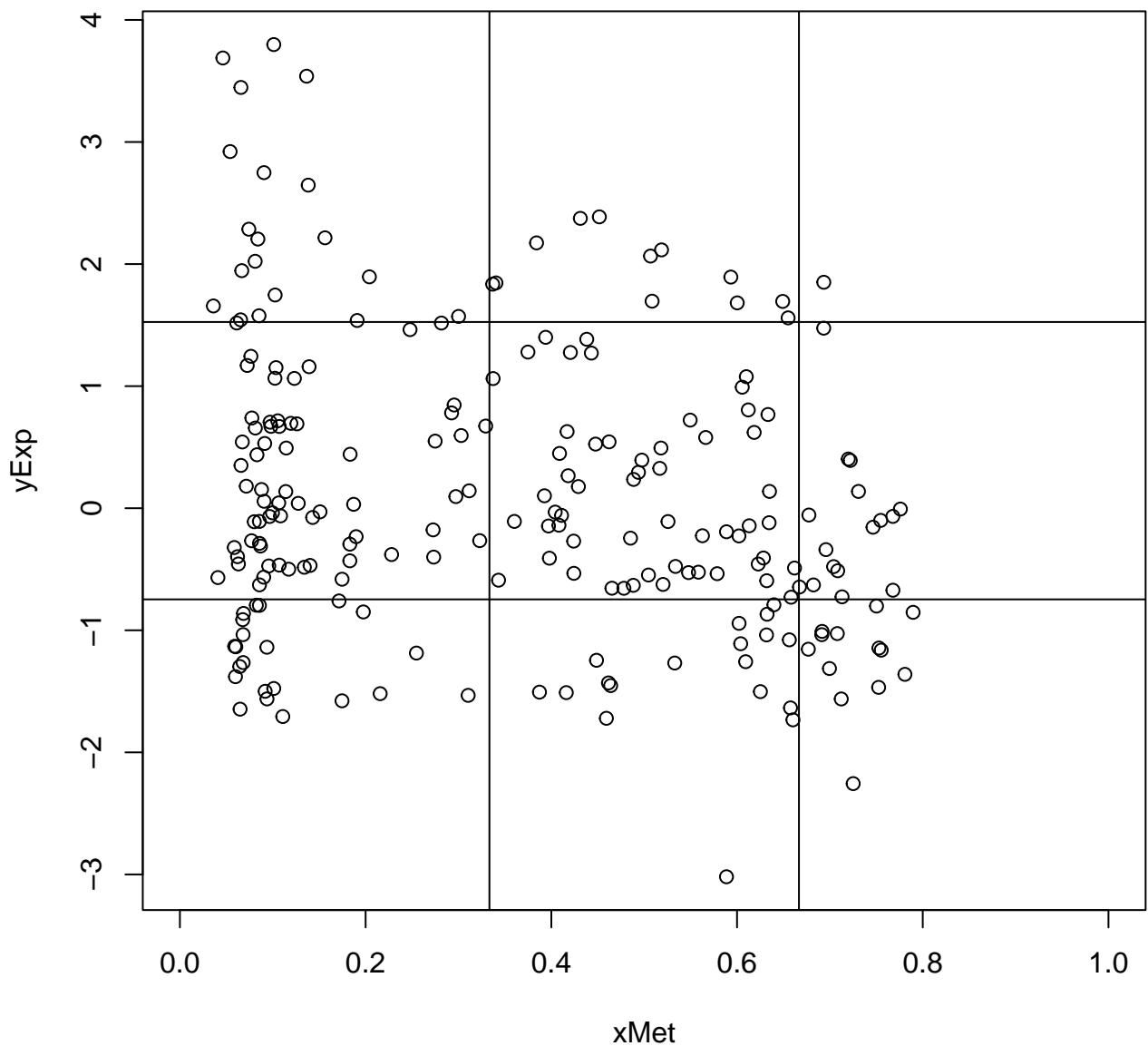
EVI2B, 62



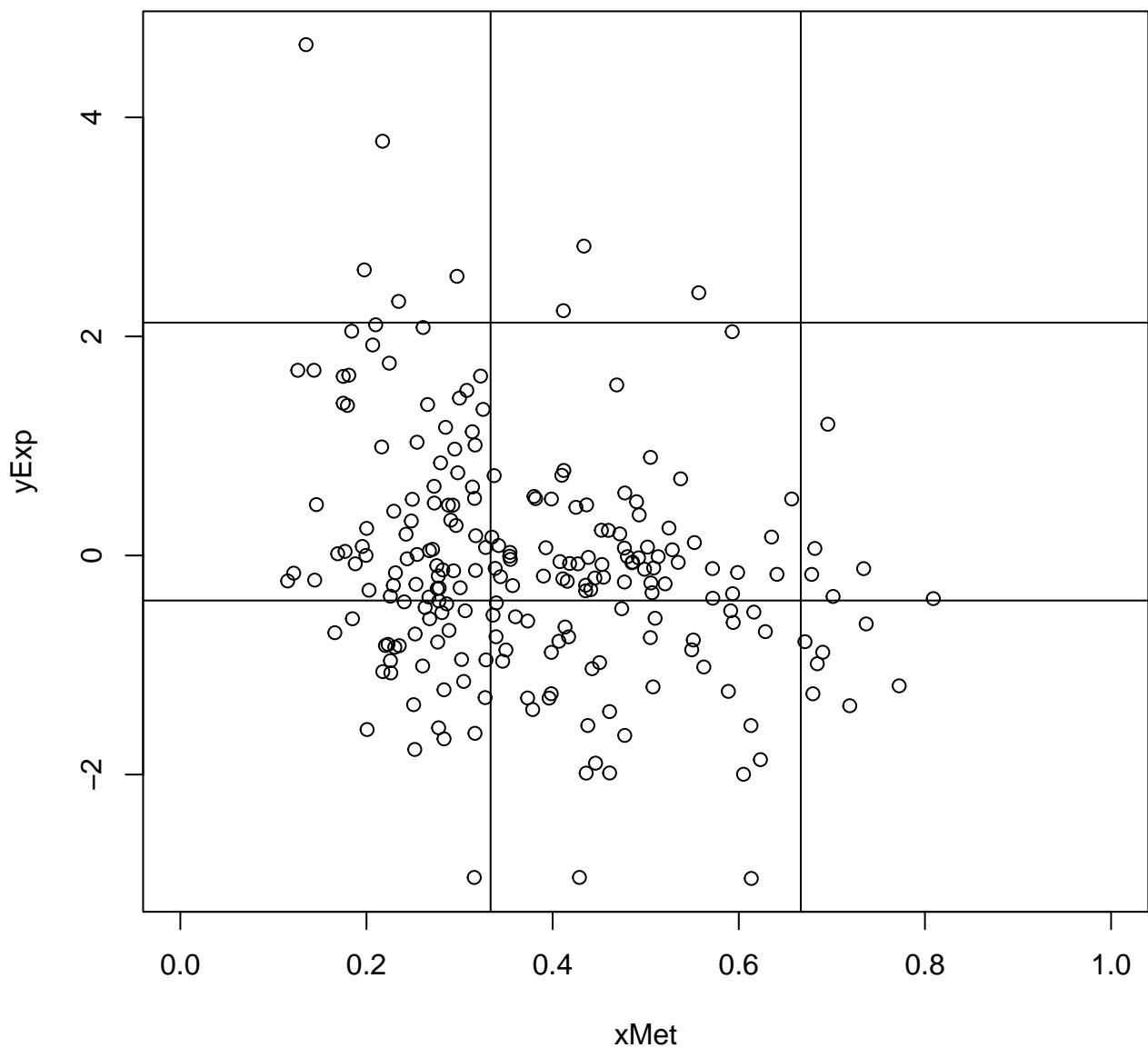
EYA1, 235



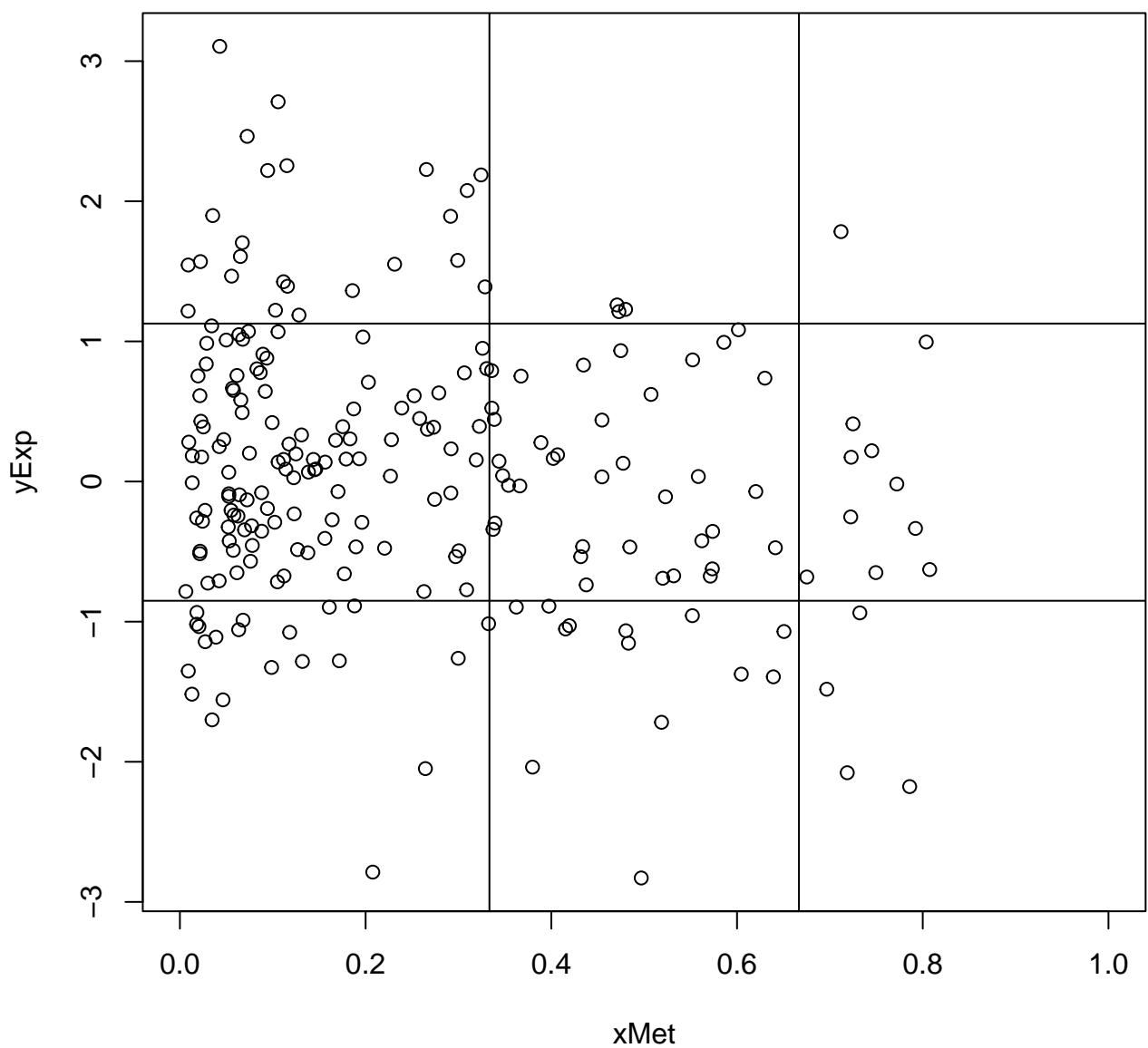
EYA2, 69.4



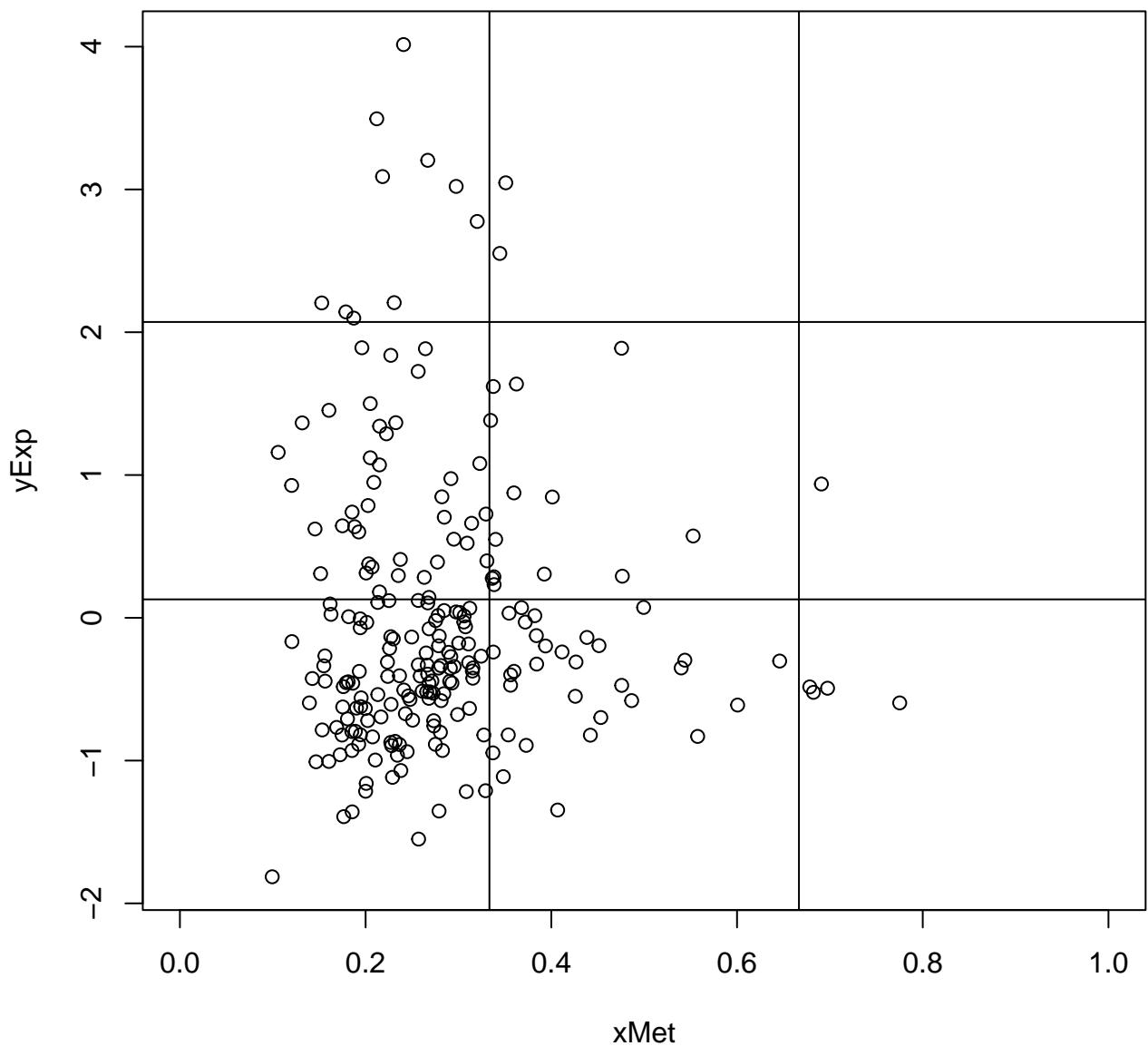
F11, 144



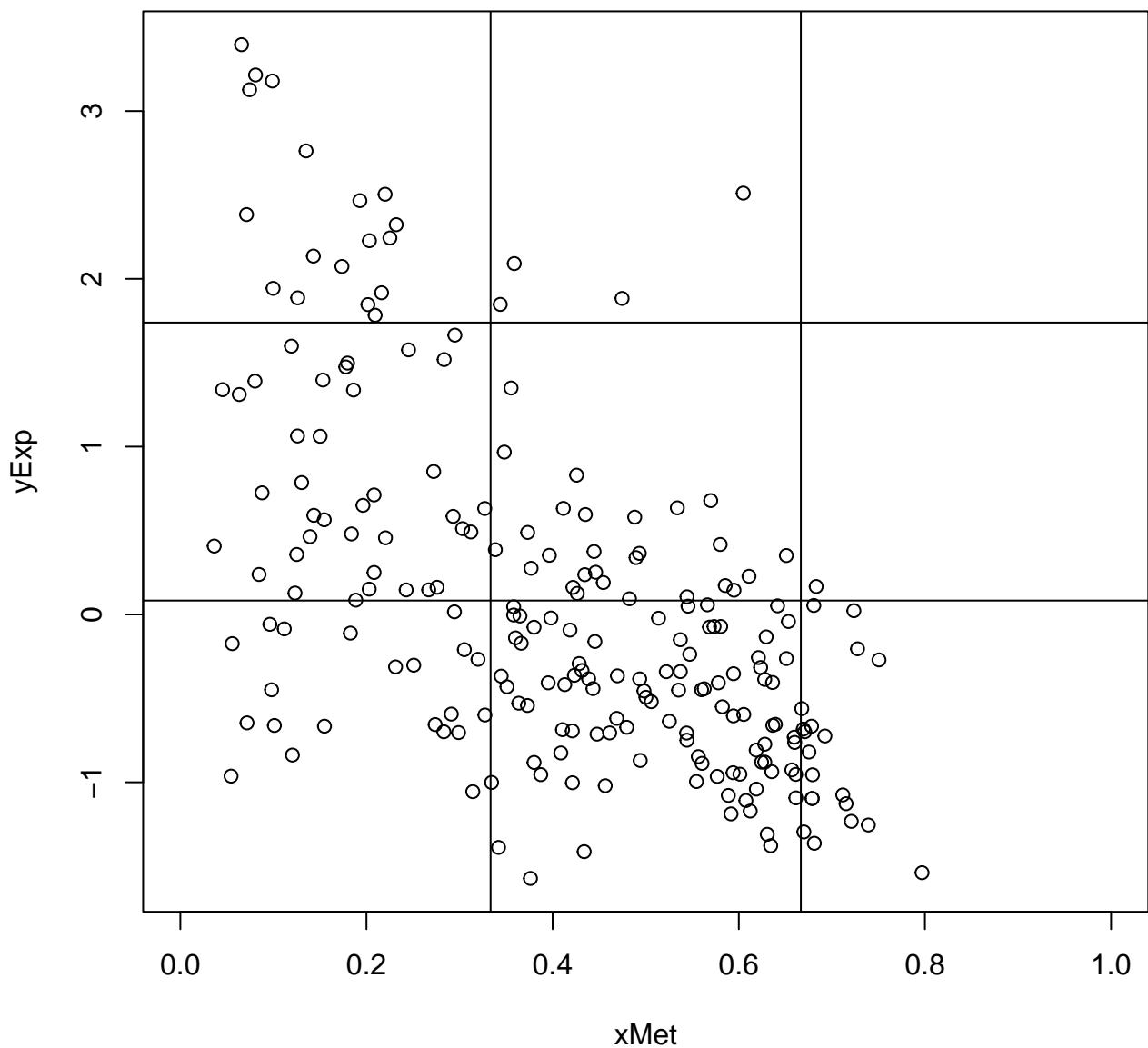
F2R, 129.4



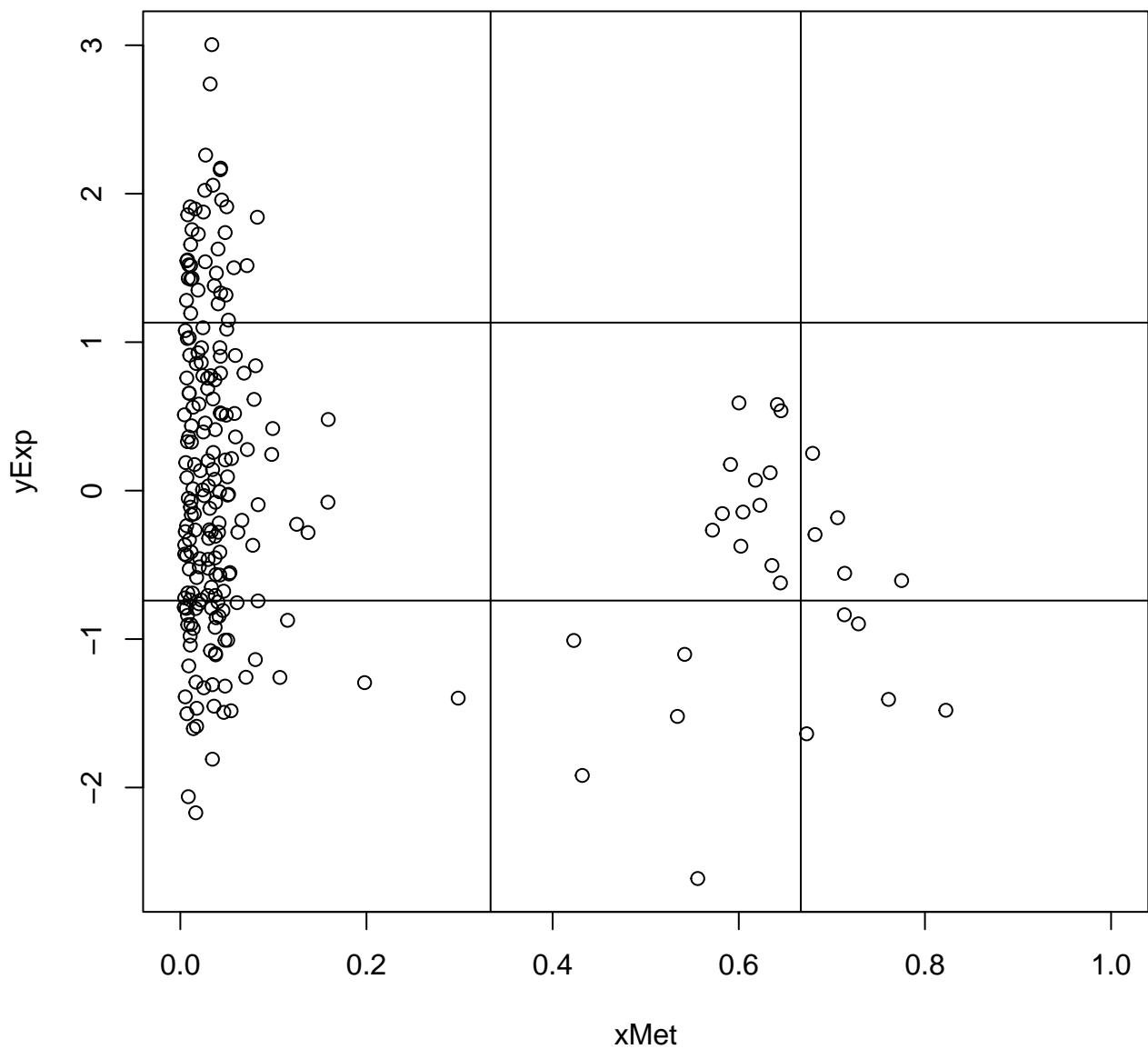
F5, 215



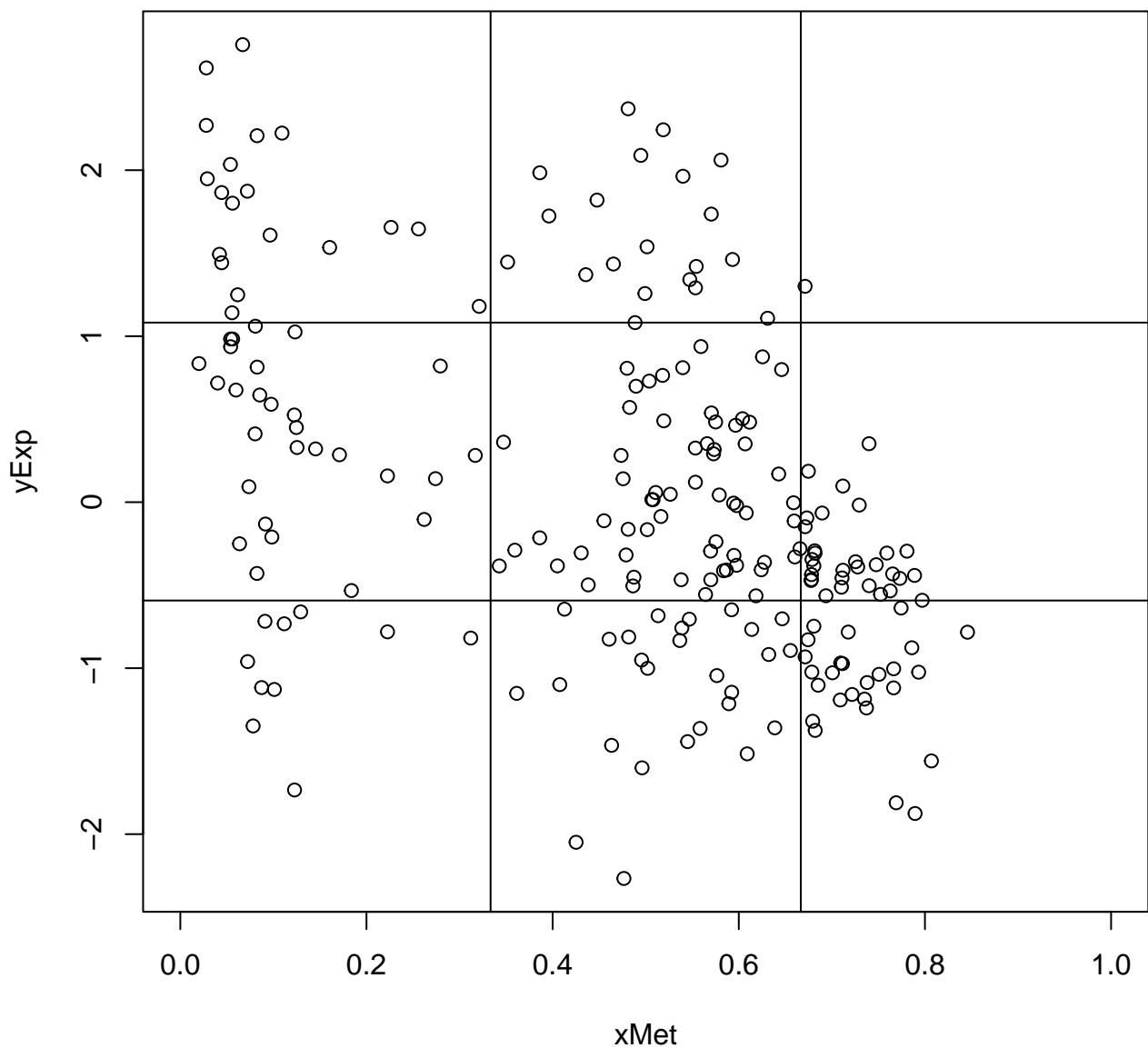
FABP3, 219



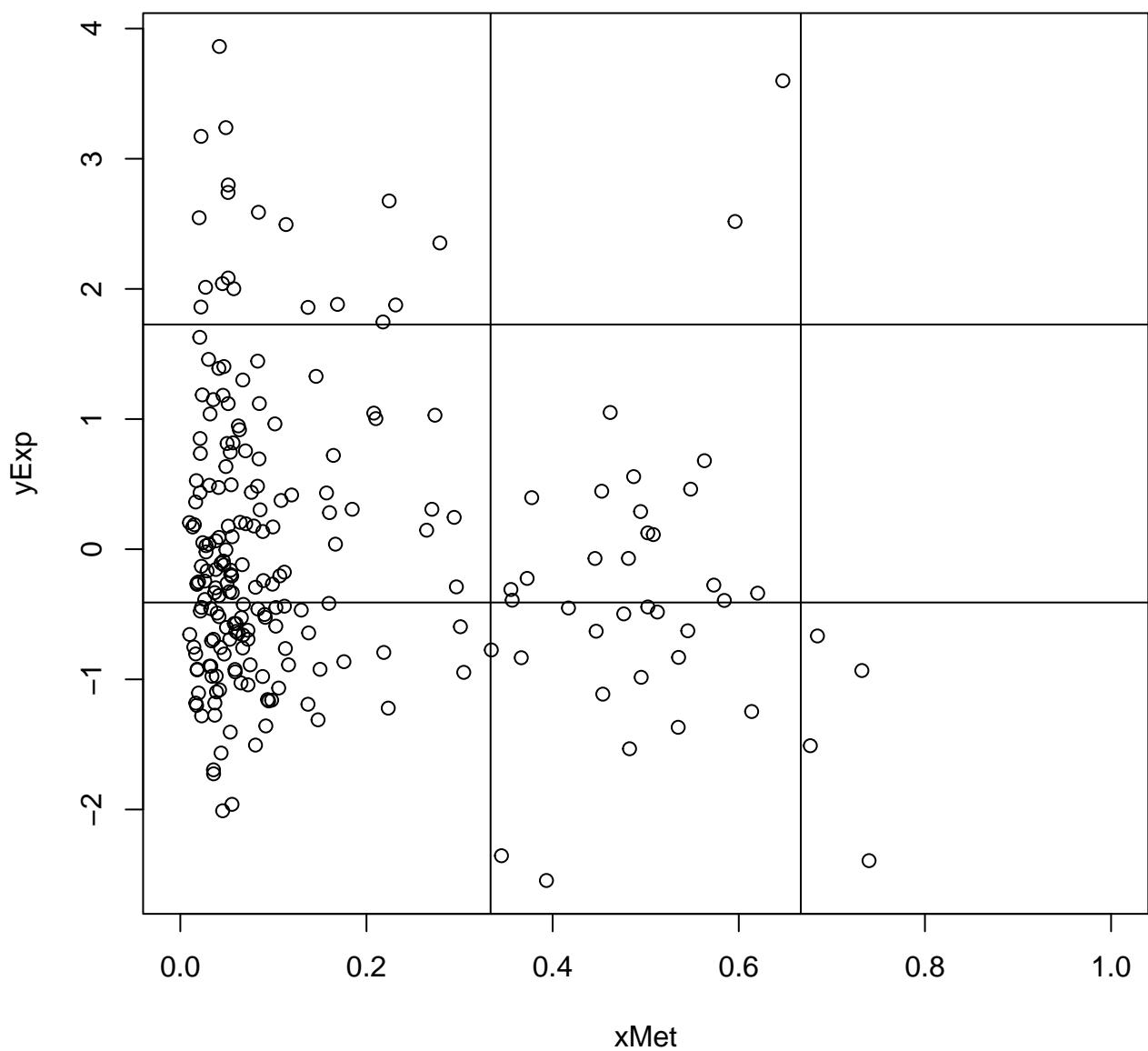
FADS1, 238



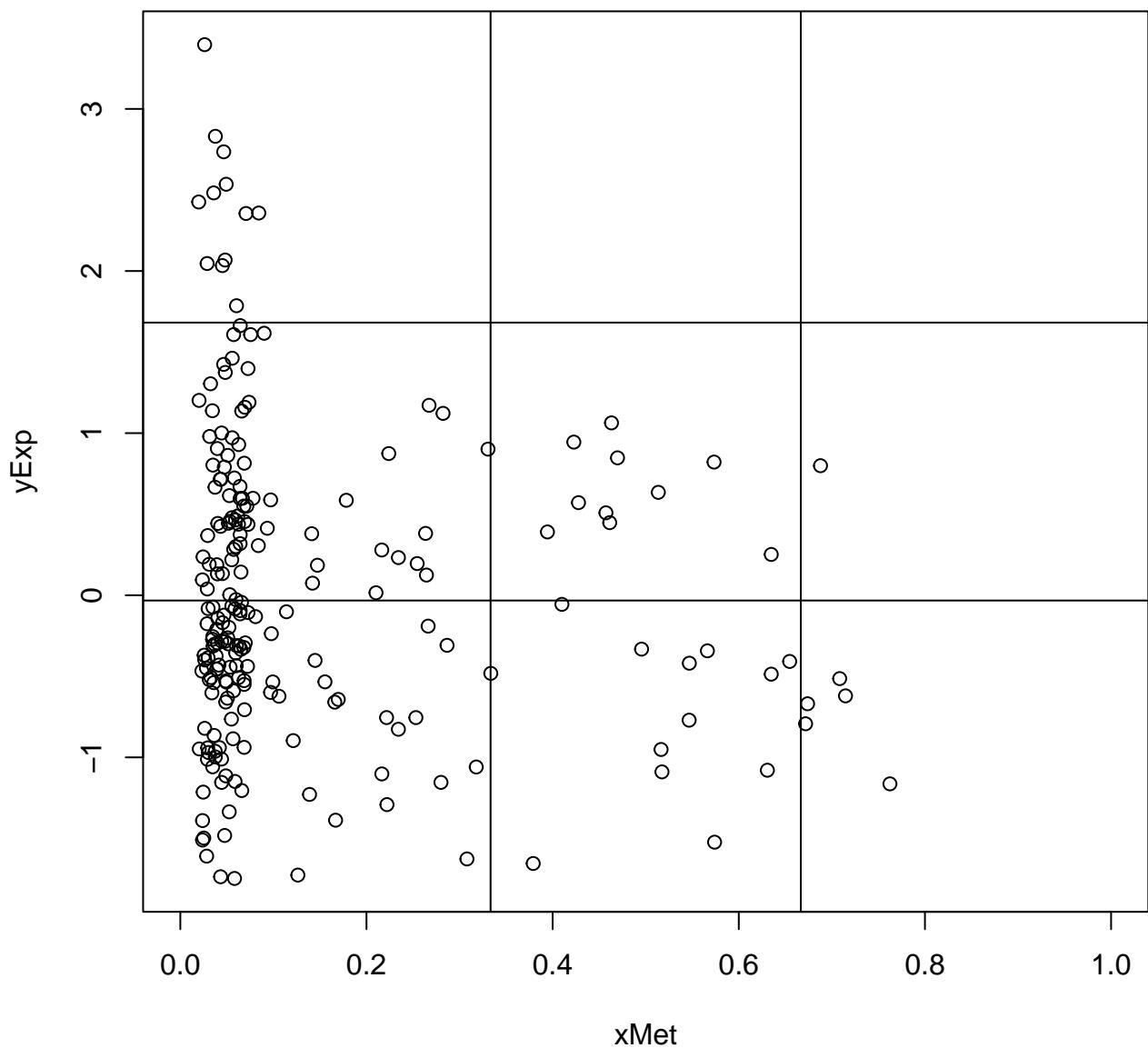
FADS2, 12.4



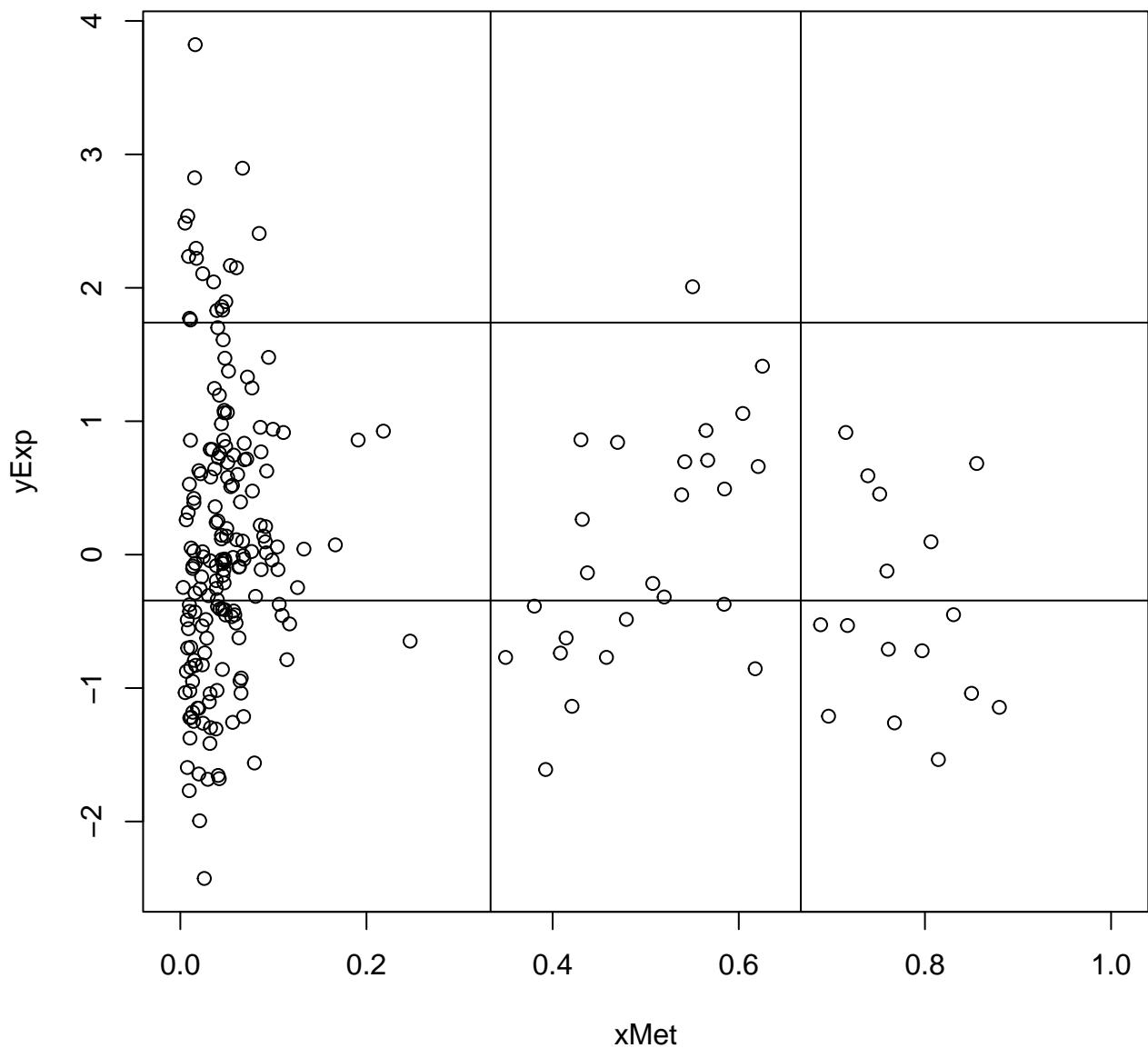
FAM118A, 223



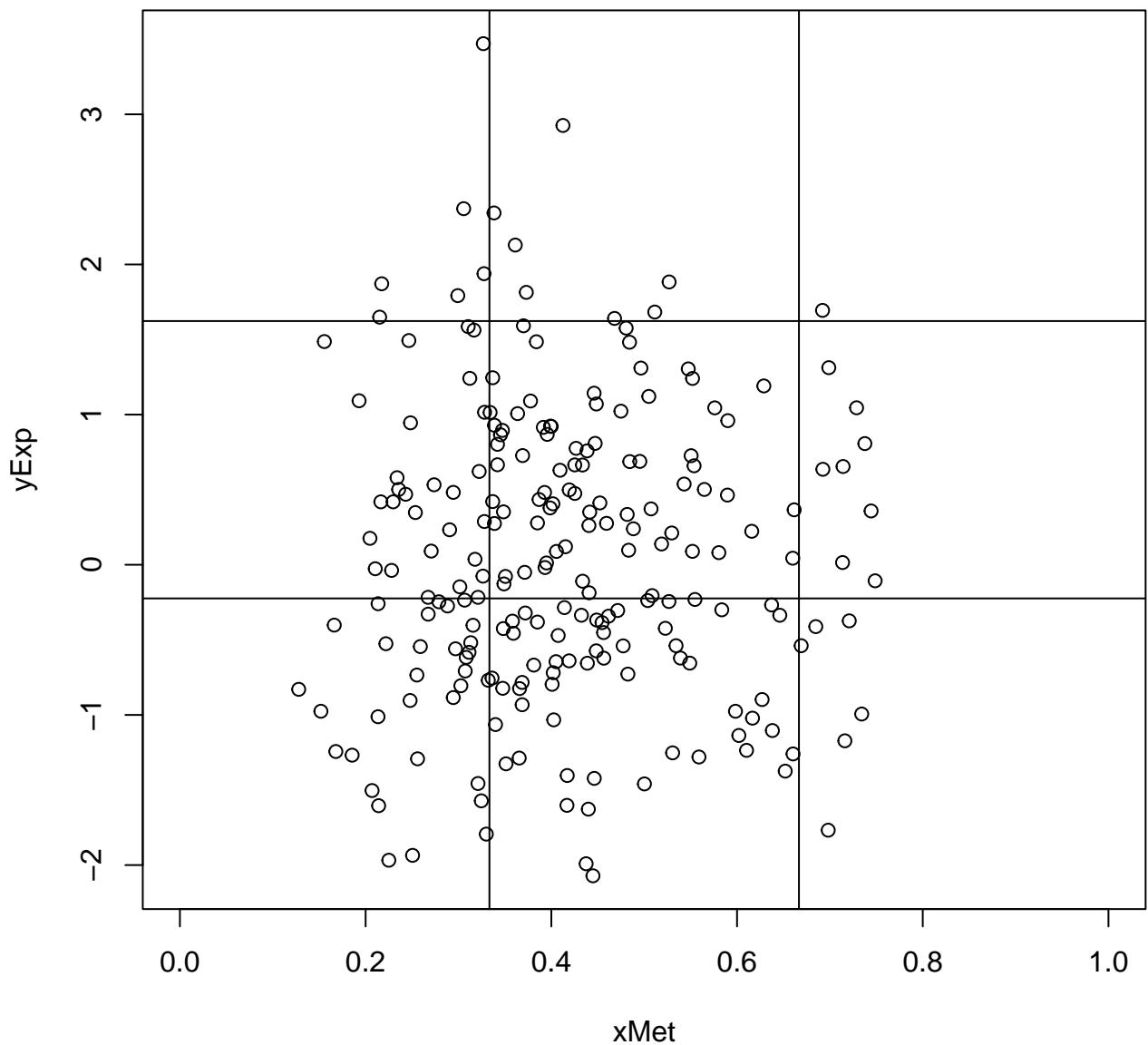
FAM124A, 227



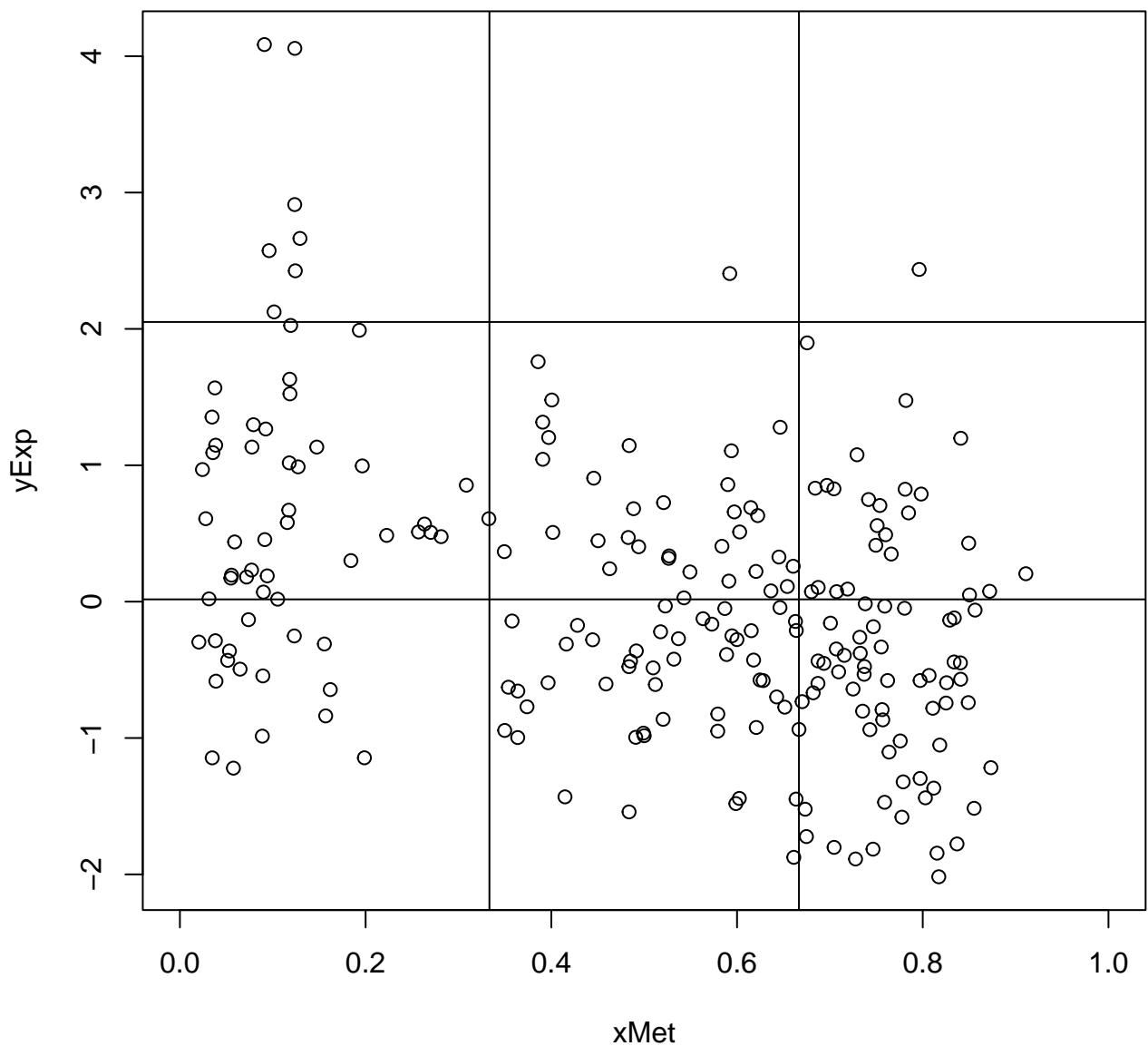
FAM126A, 217



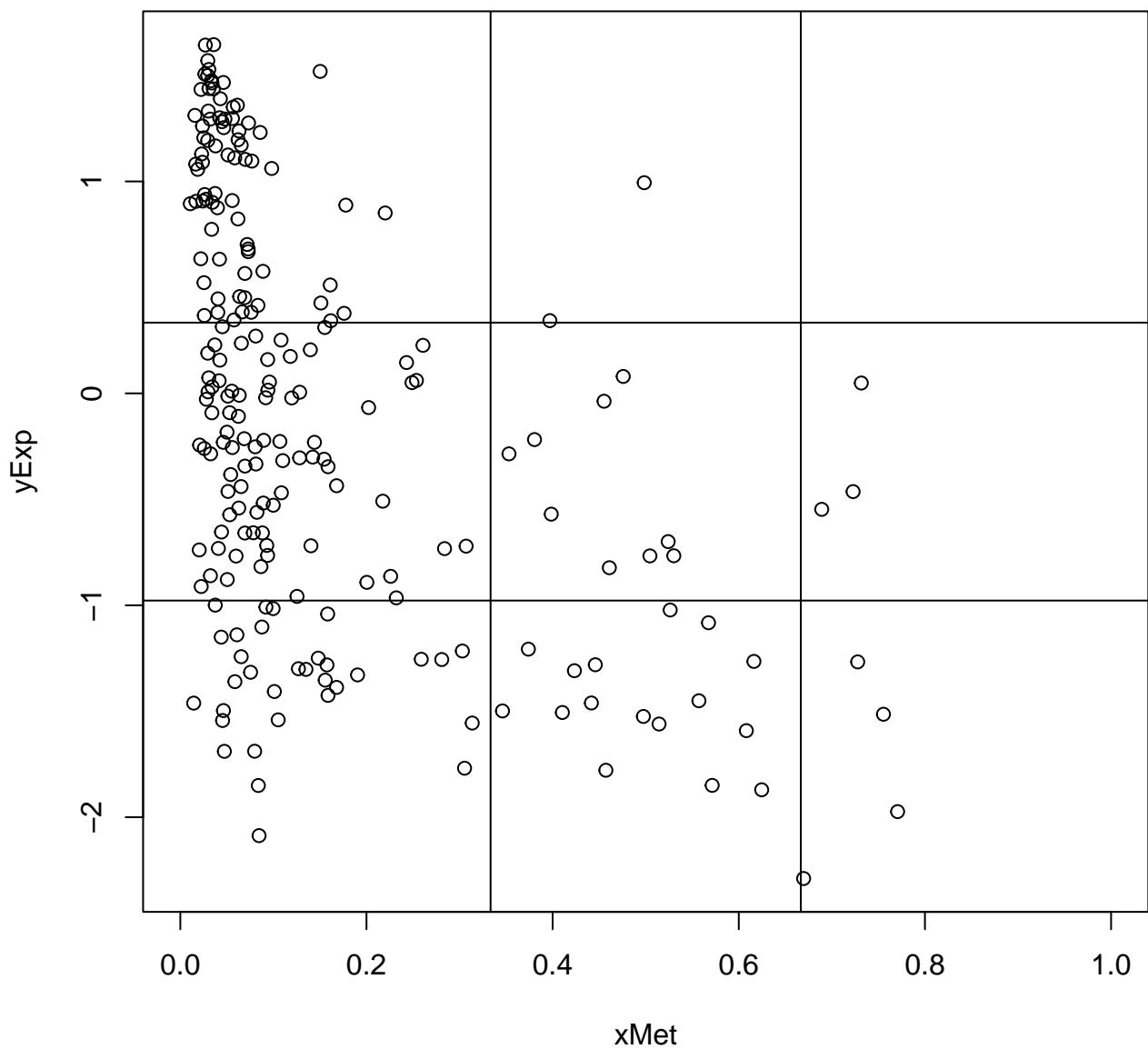
FAM215A, 68.4



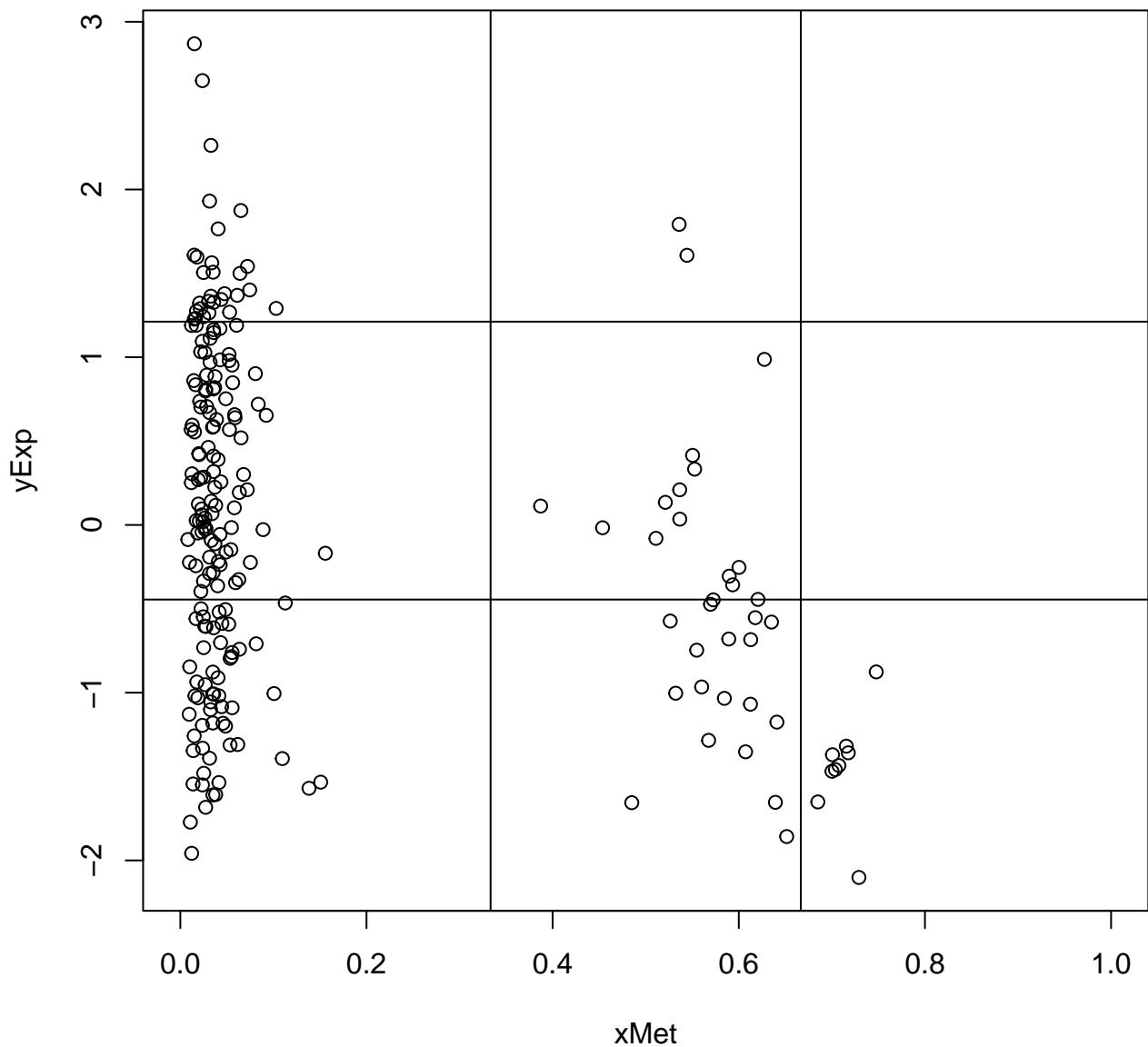
FAM218A, 132.4



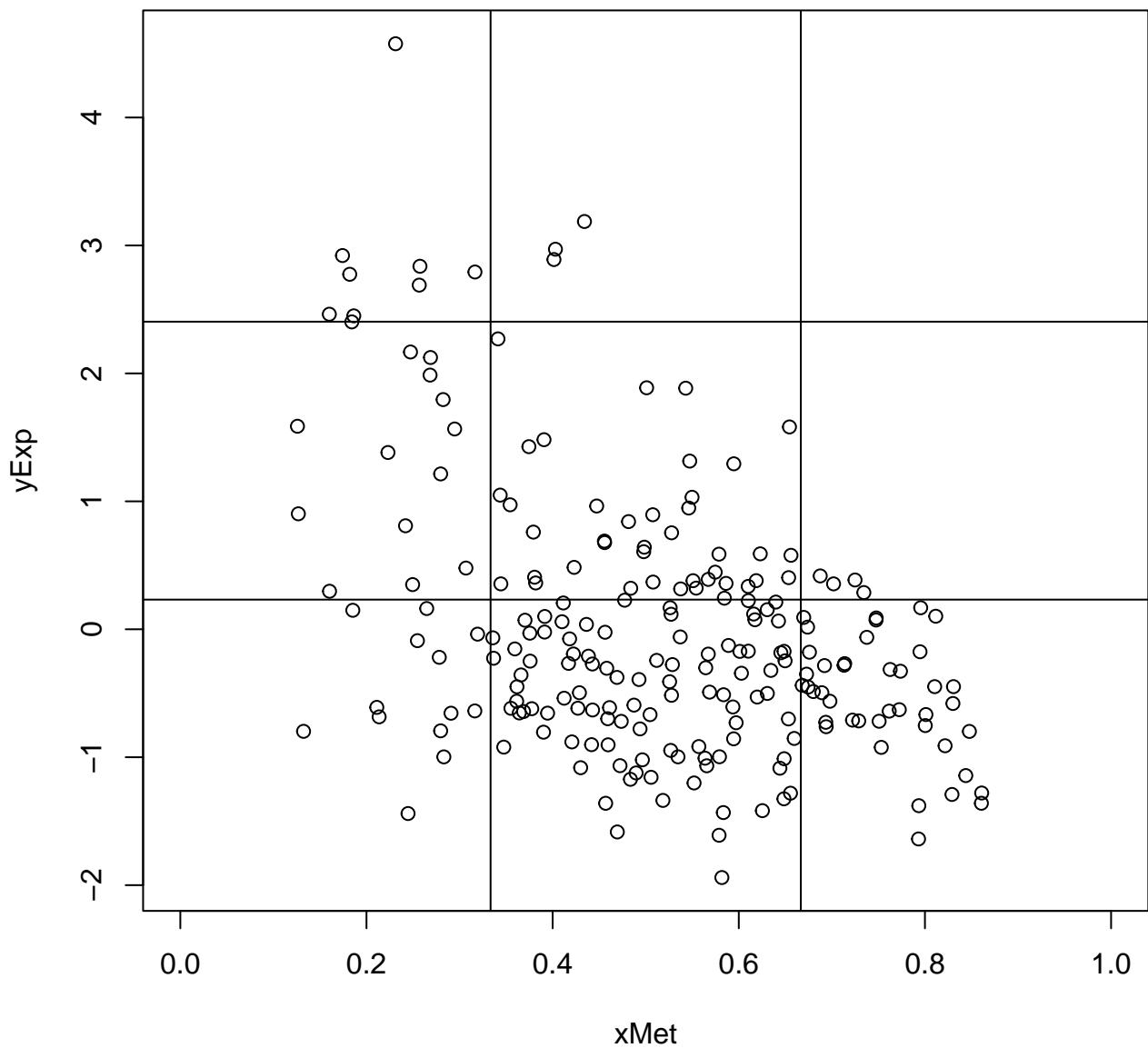
FAM3B, 279



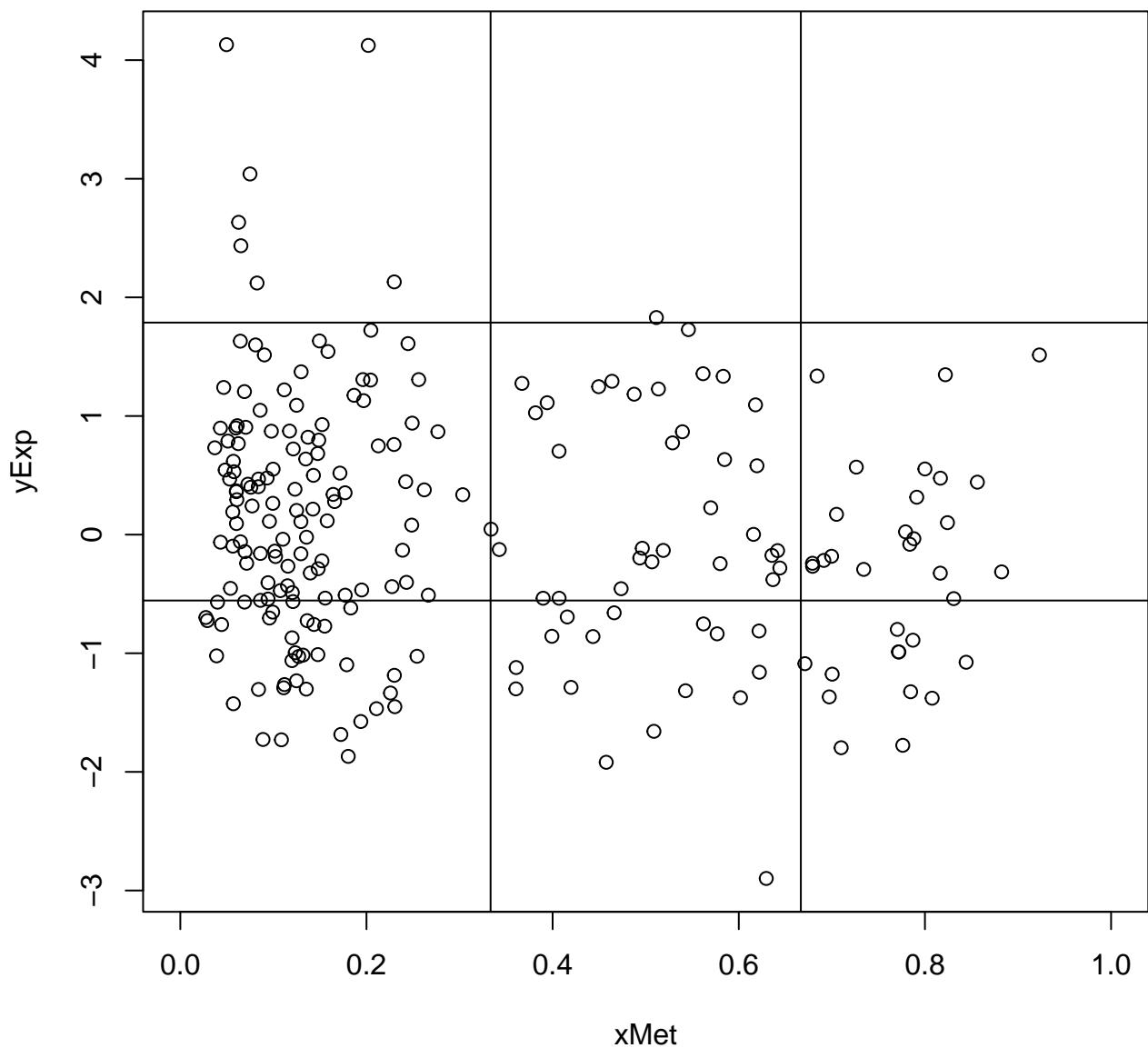
FBXL2, 242



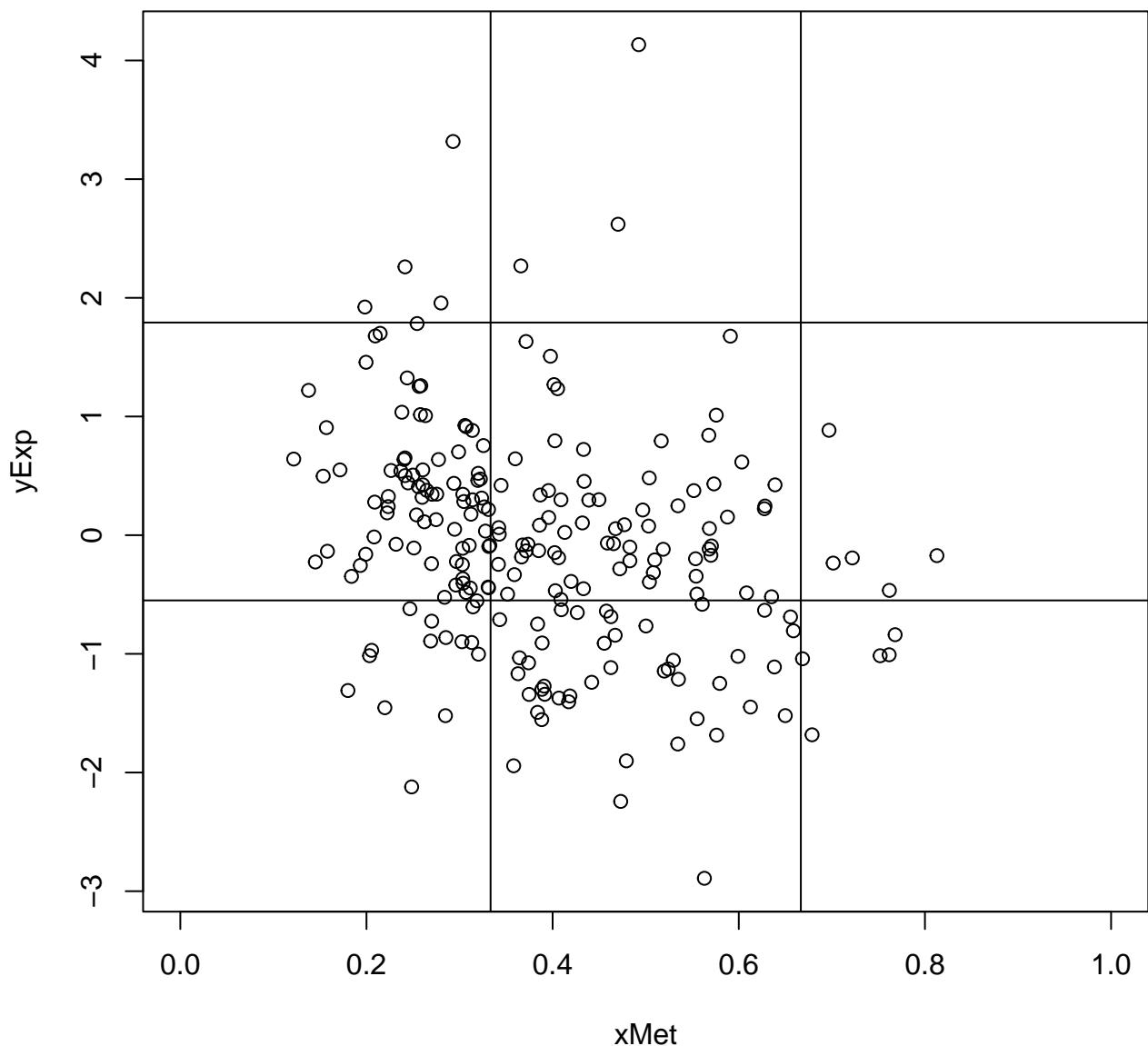
FBXO17, 211



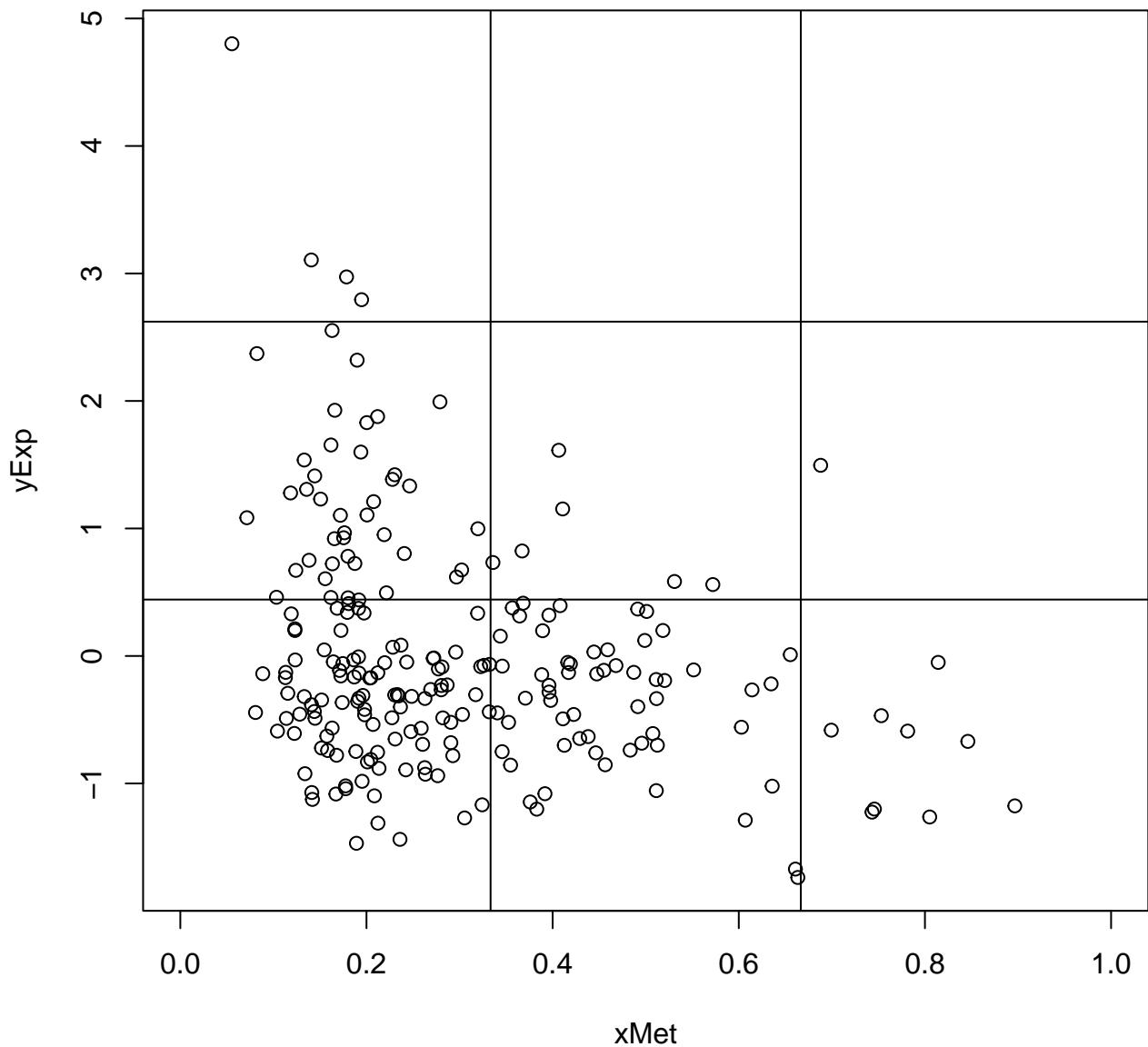
FBXO27, 144



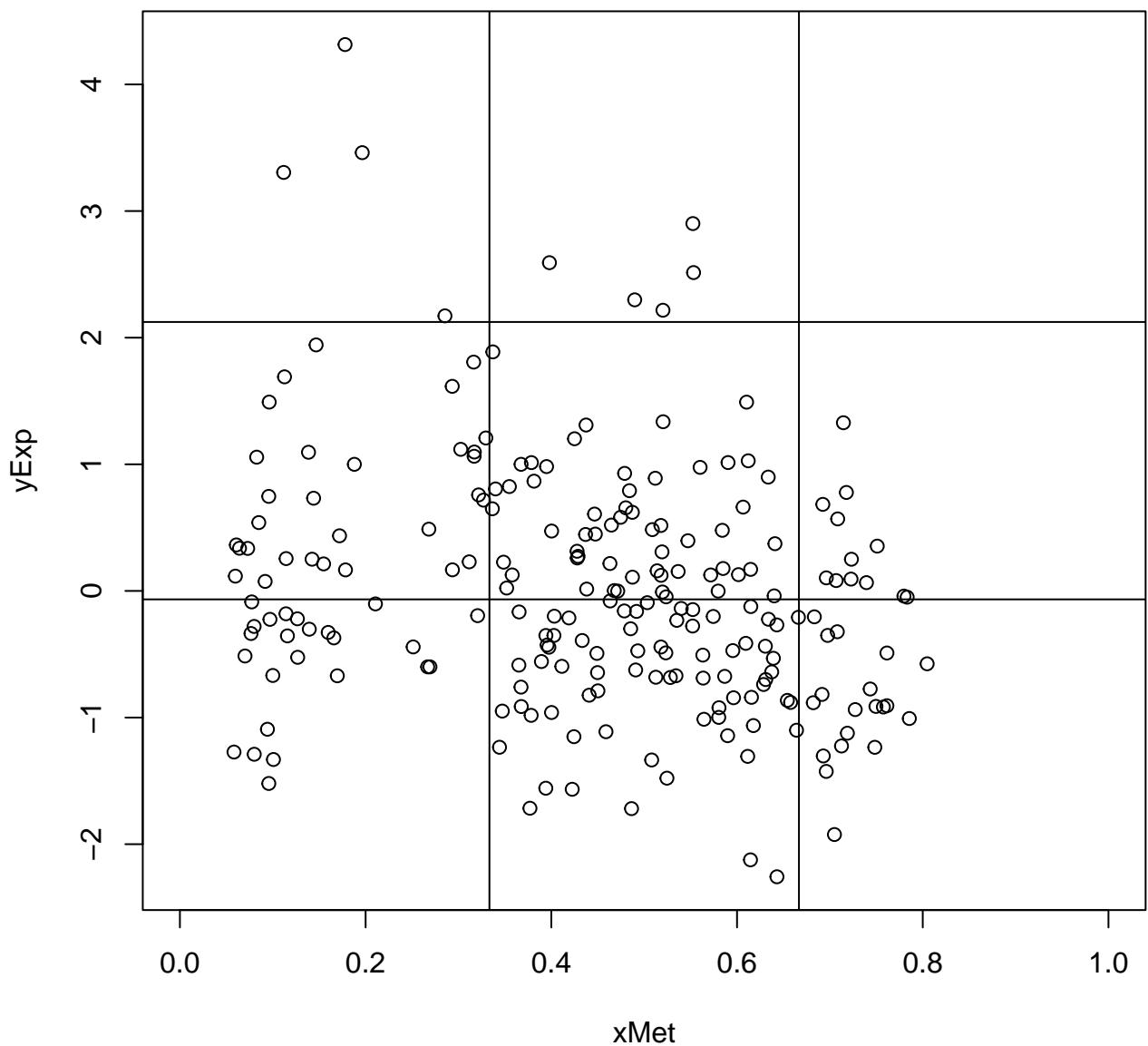
FES, 139



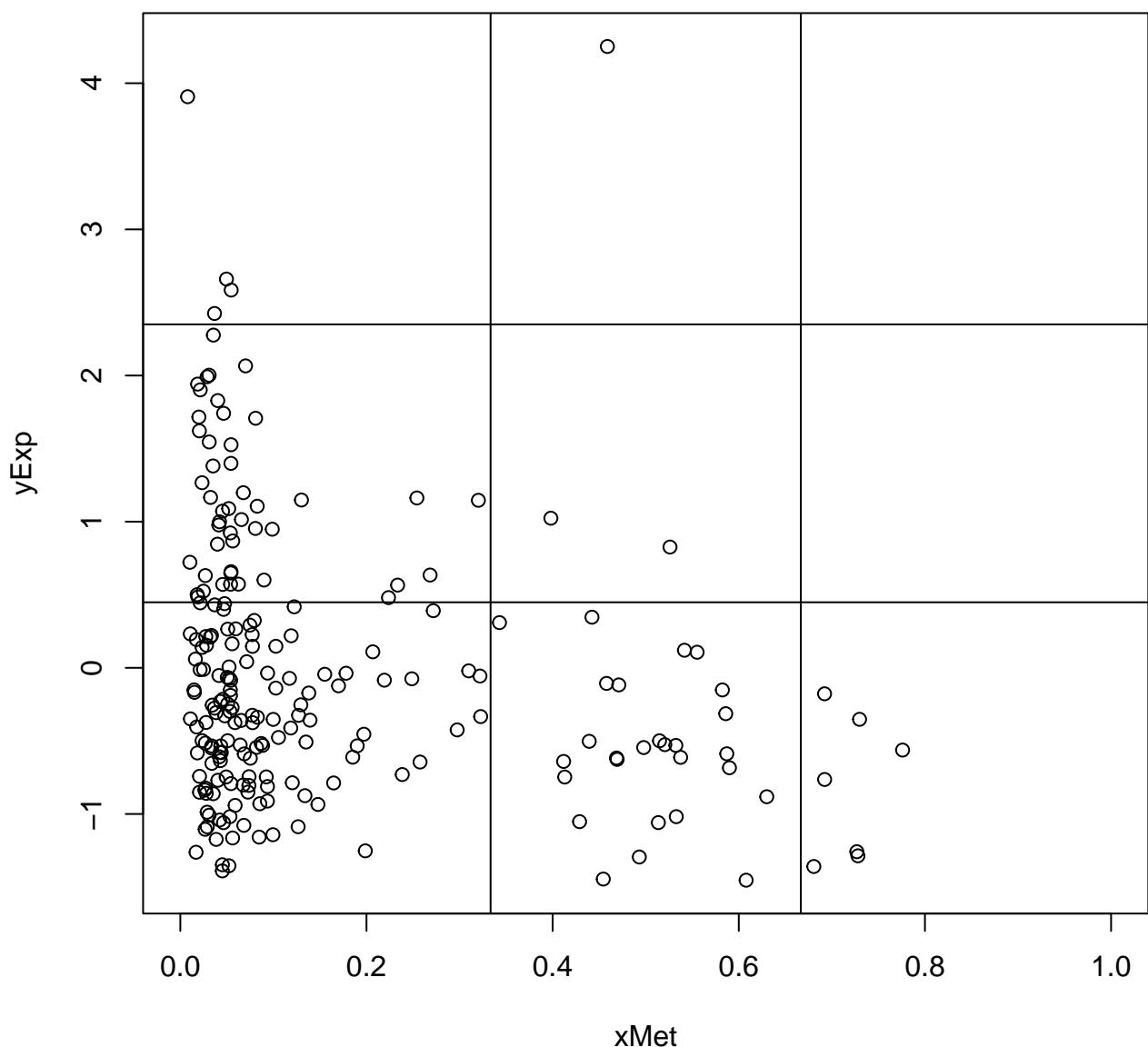
FFAR2, 227



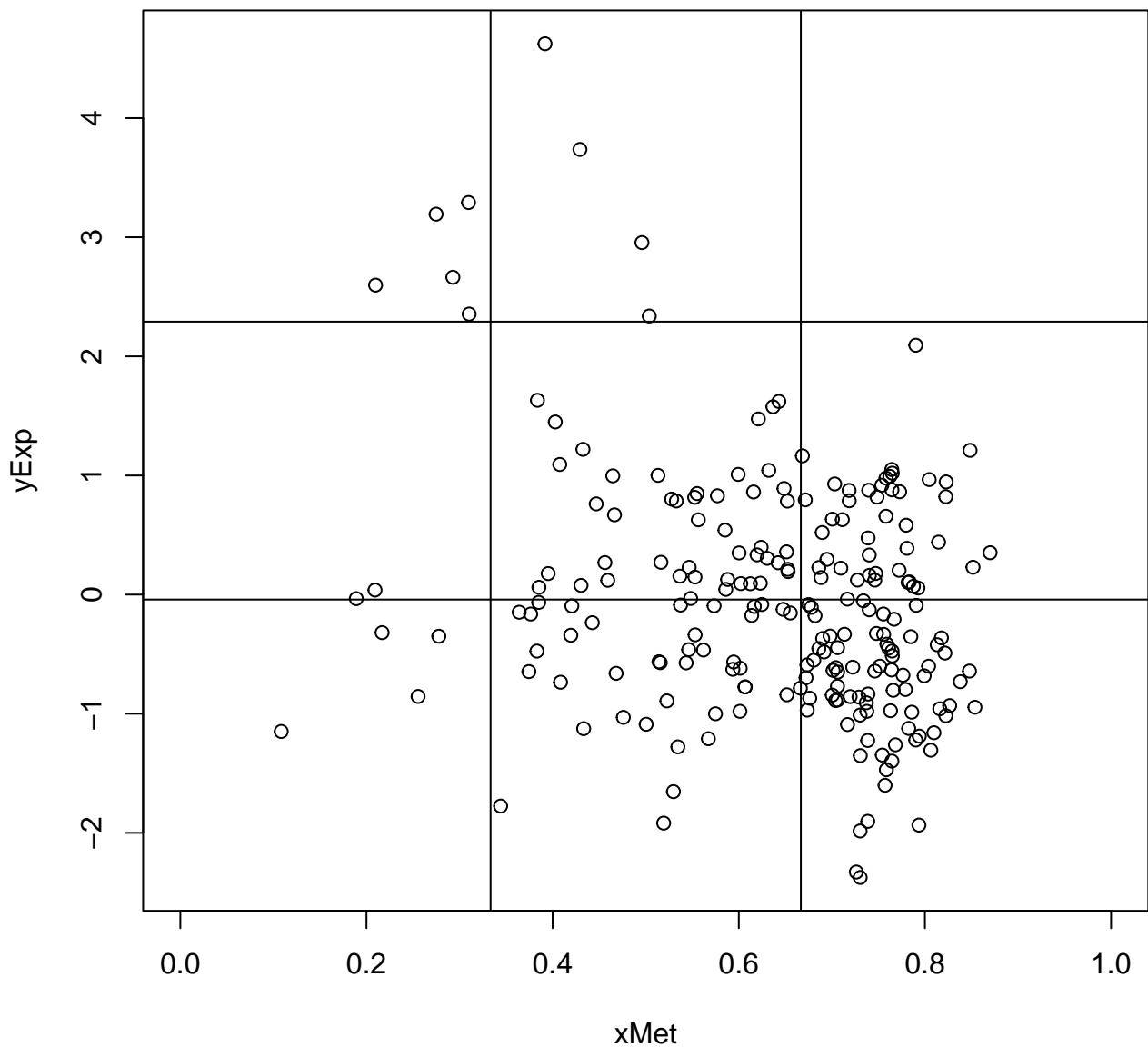
FGF12, 139



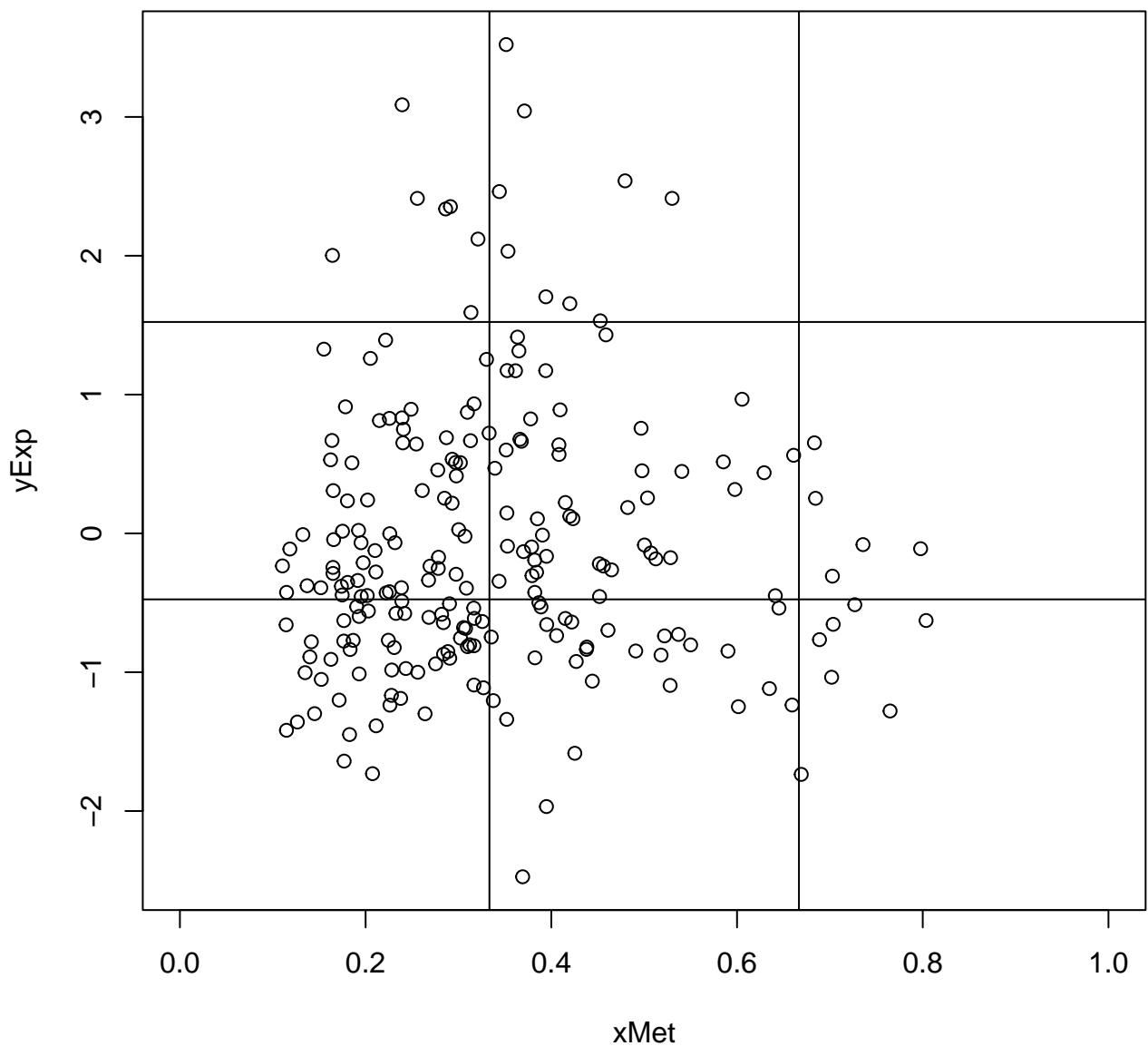
FGF19, 229



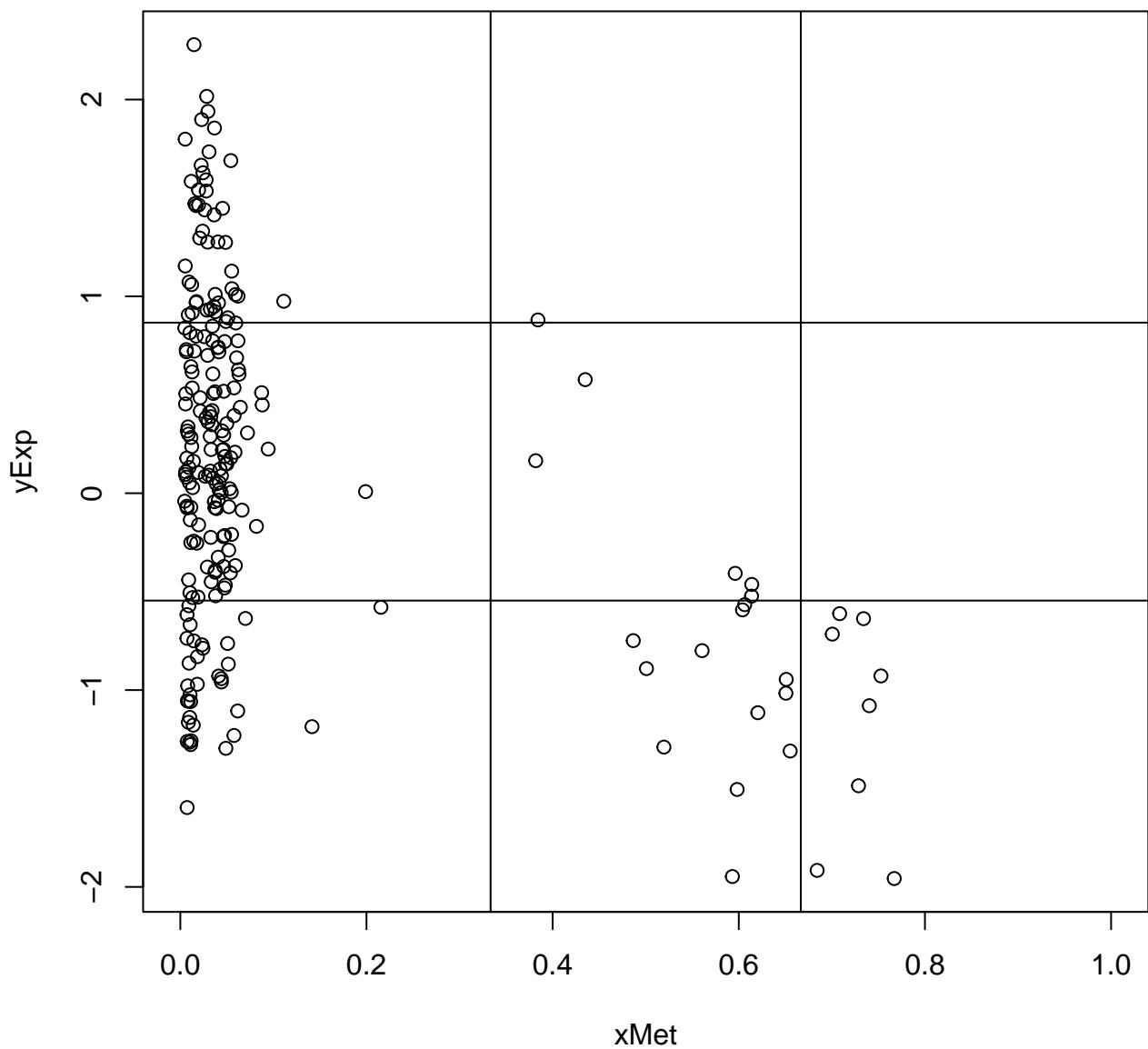
FGF23, 115



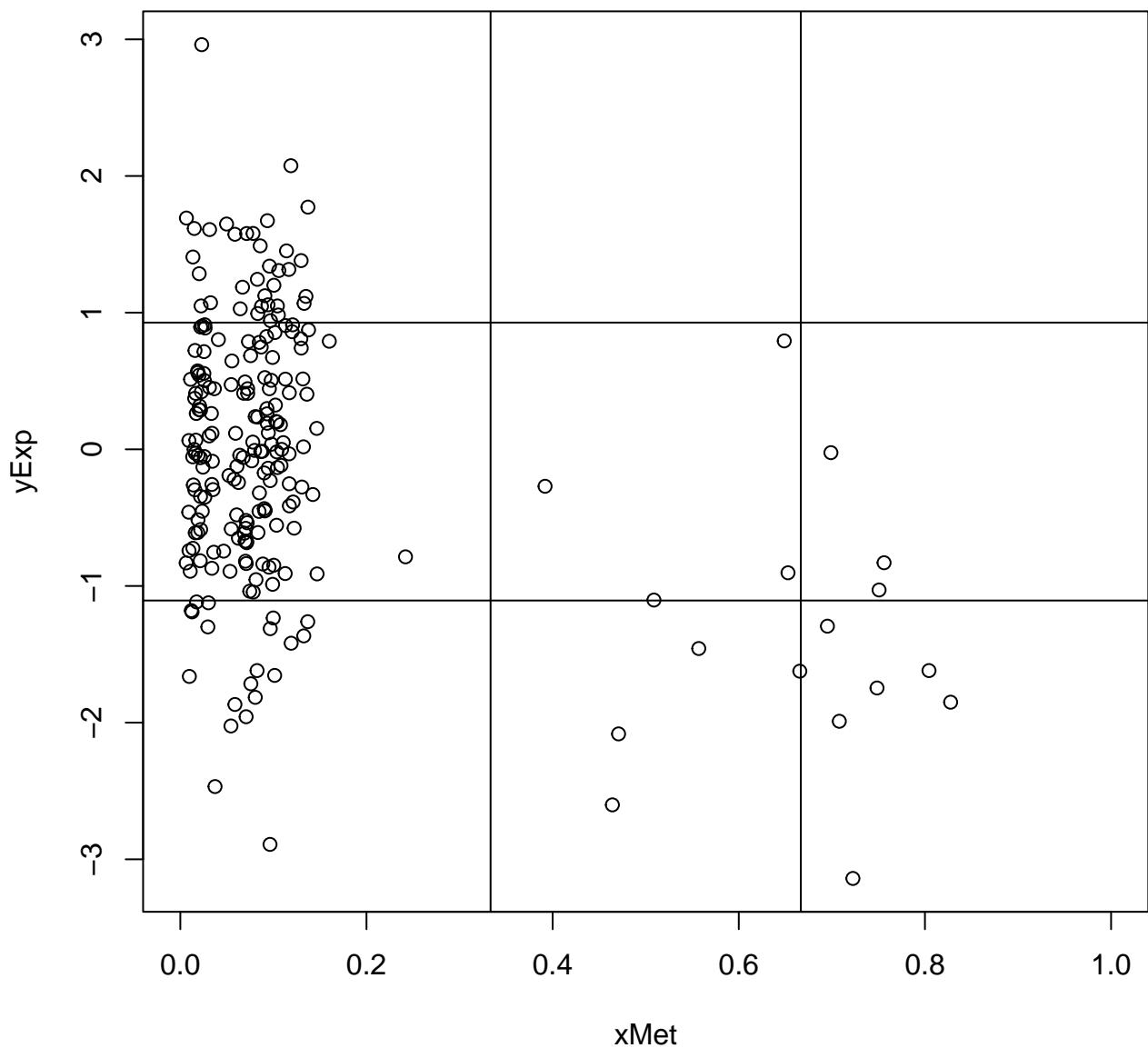
FGF7, 147



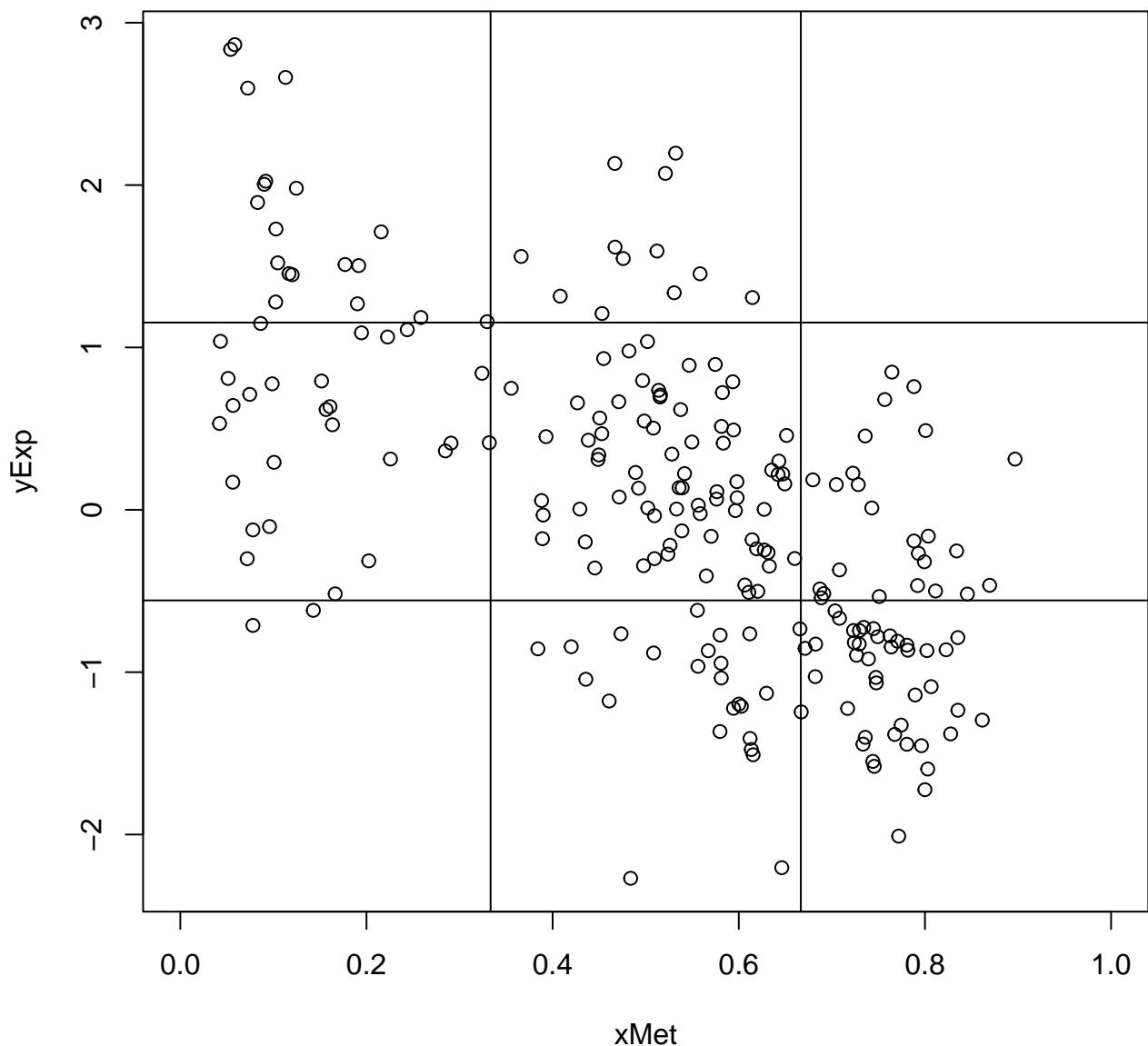
FHOD3, 268



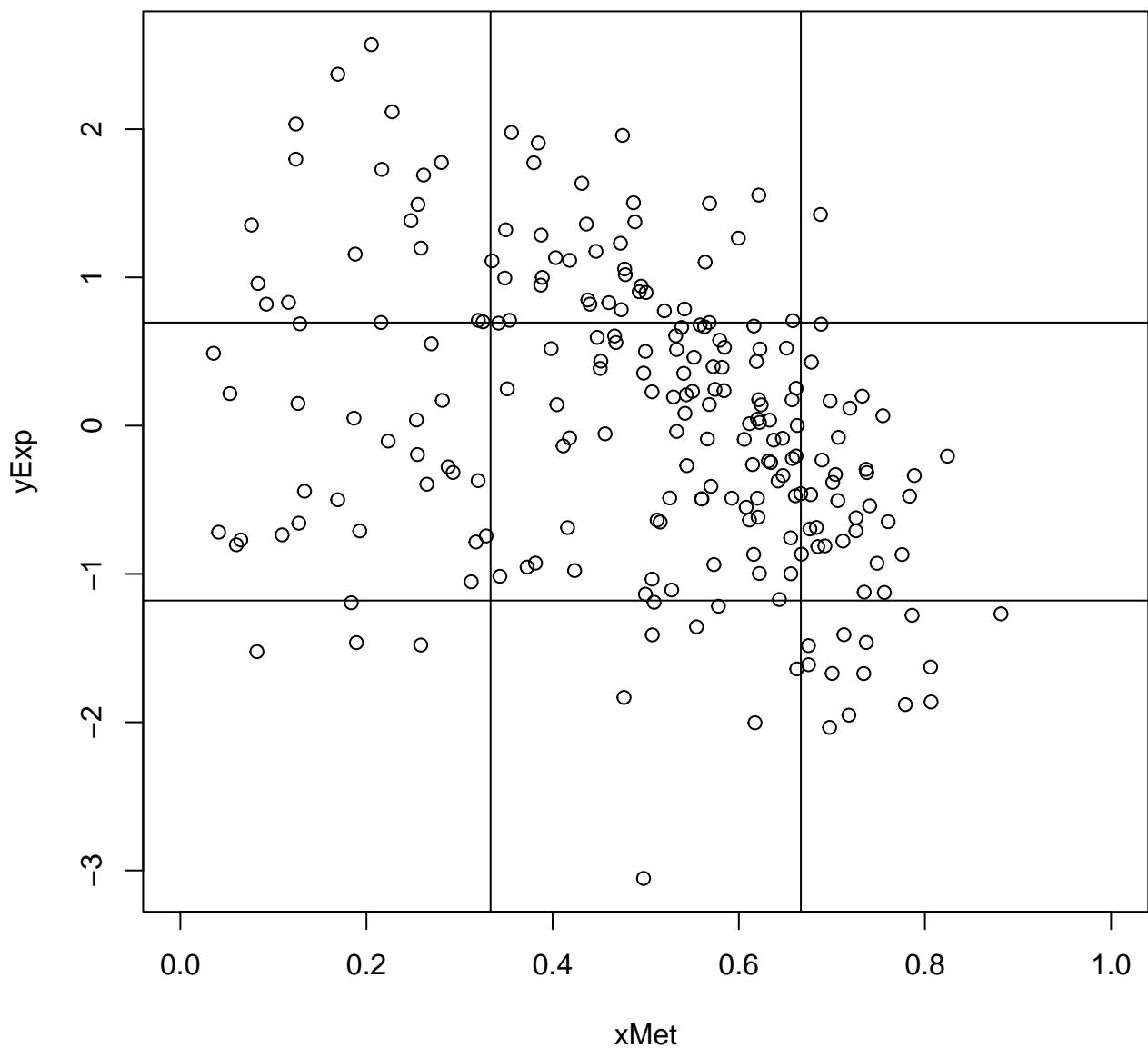
FKBP11, 250



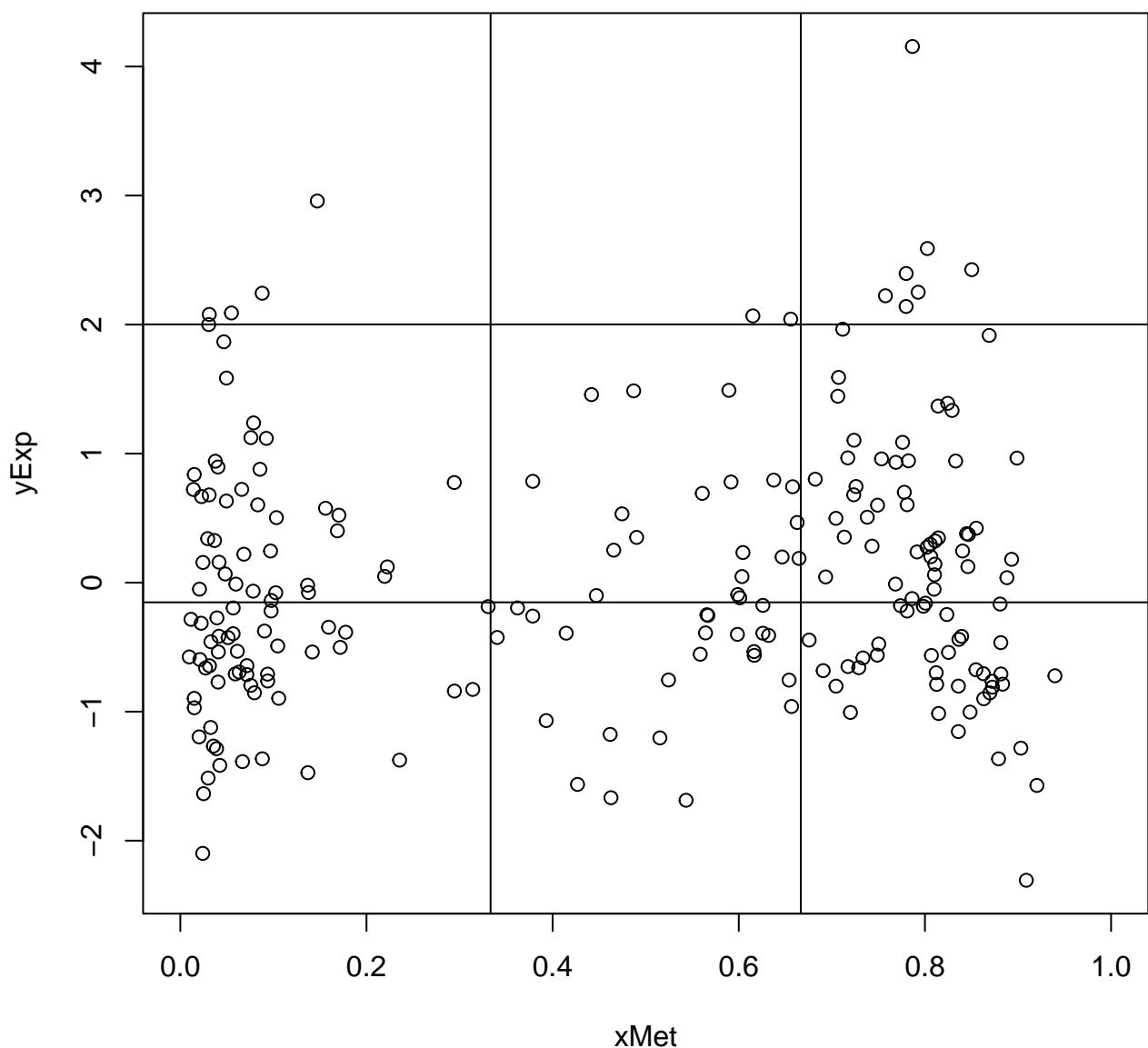
FKBP1B, 100



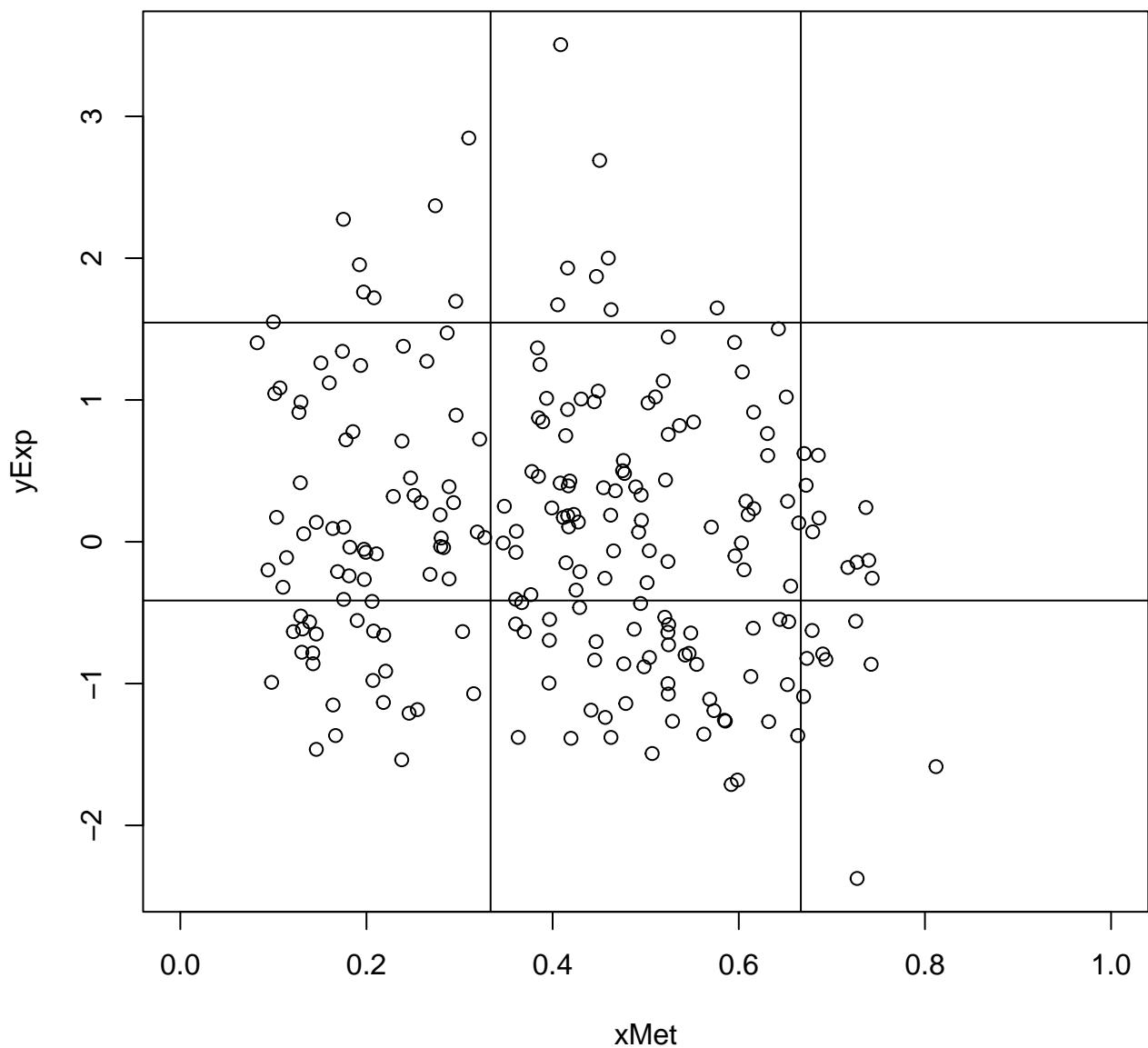
FLI1, -79.6



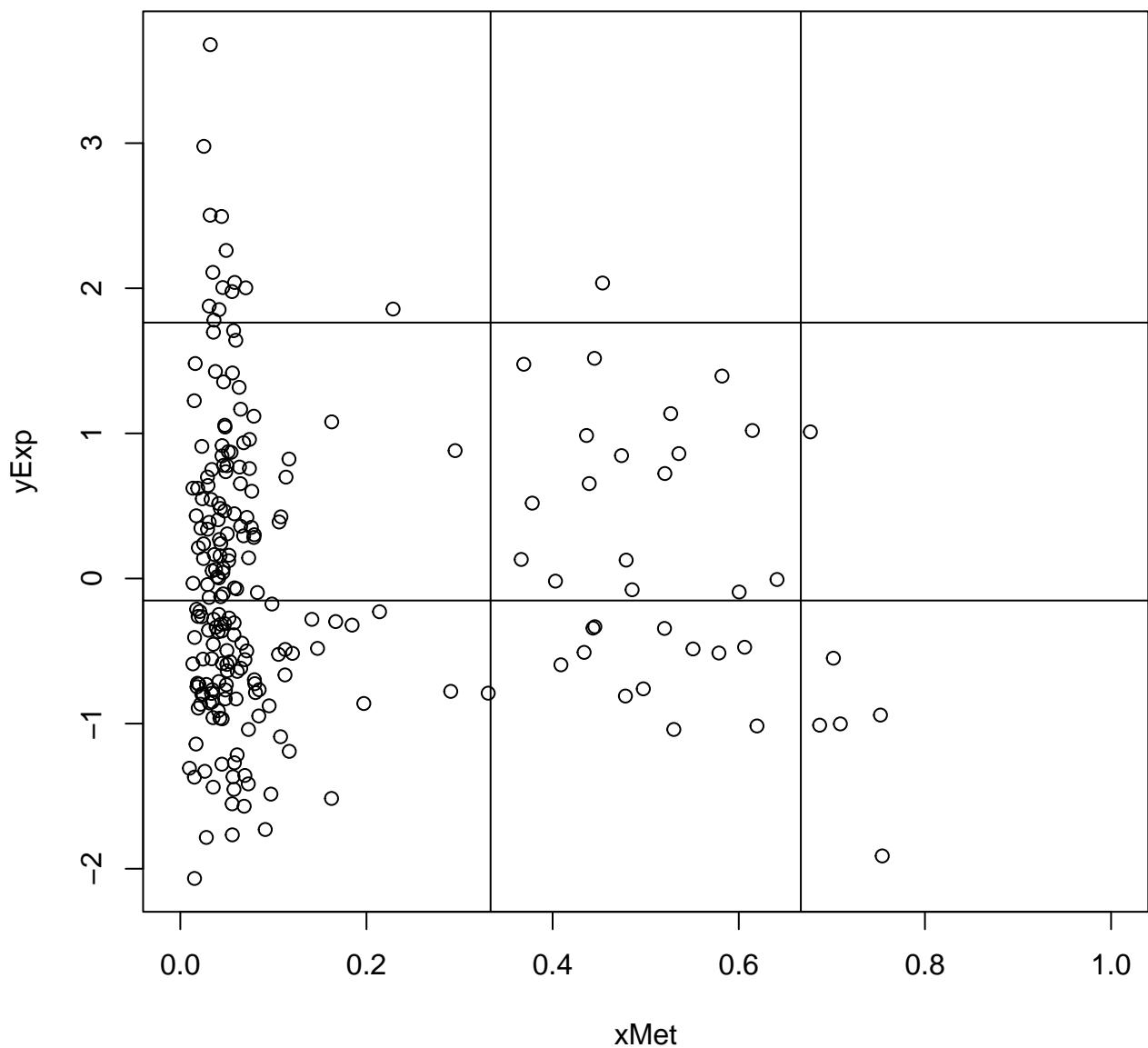
FLT3, -210.2



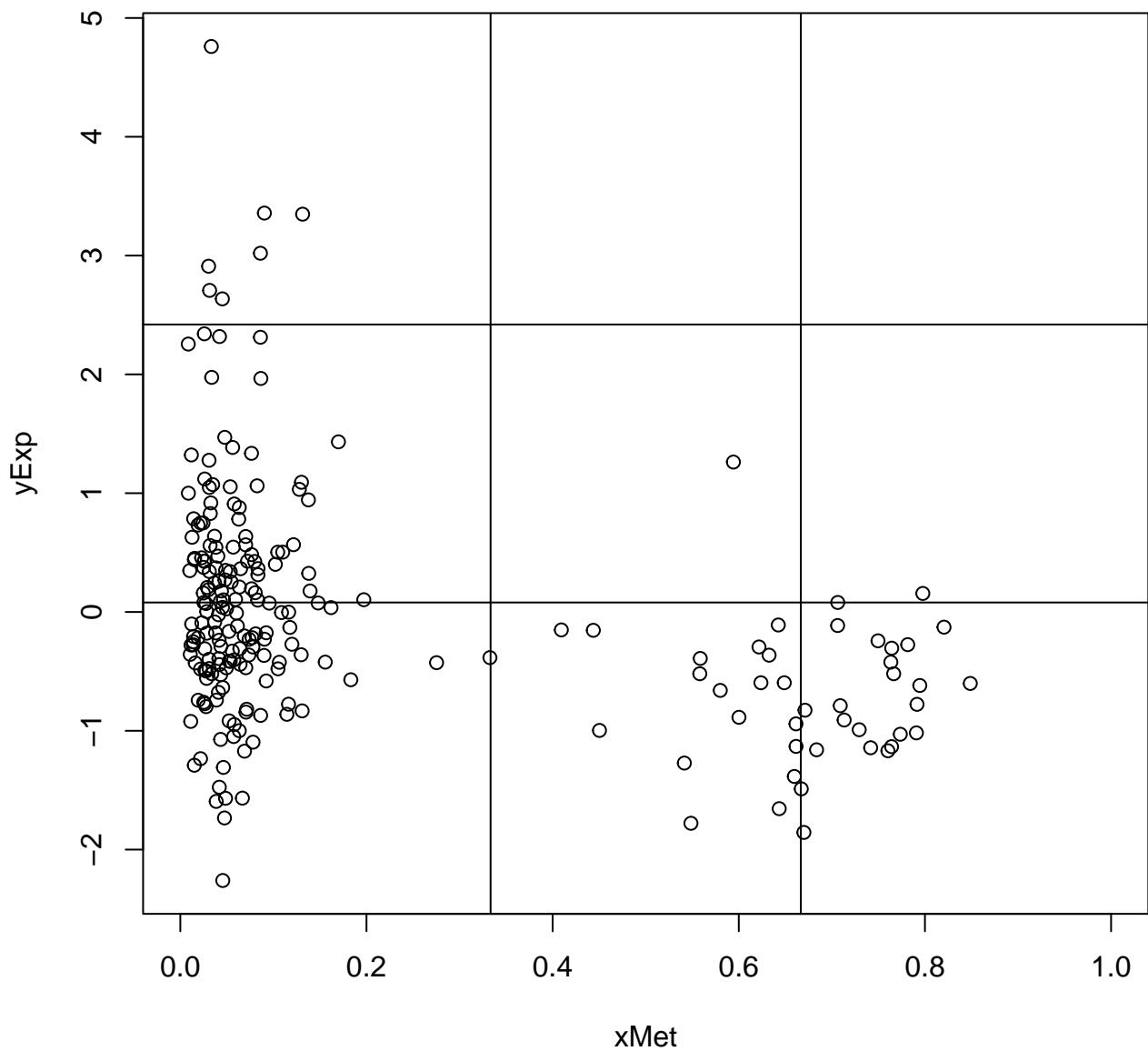
FMNL1, 116



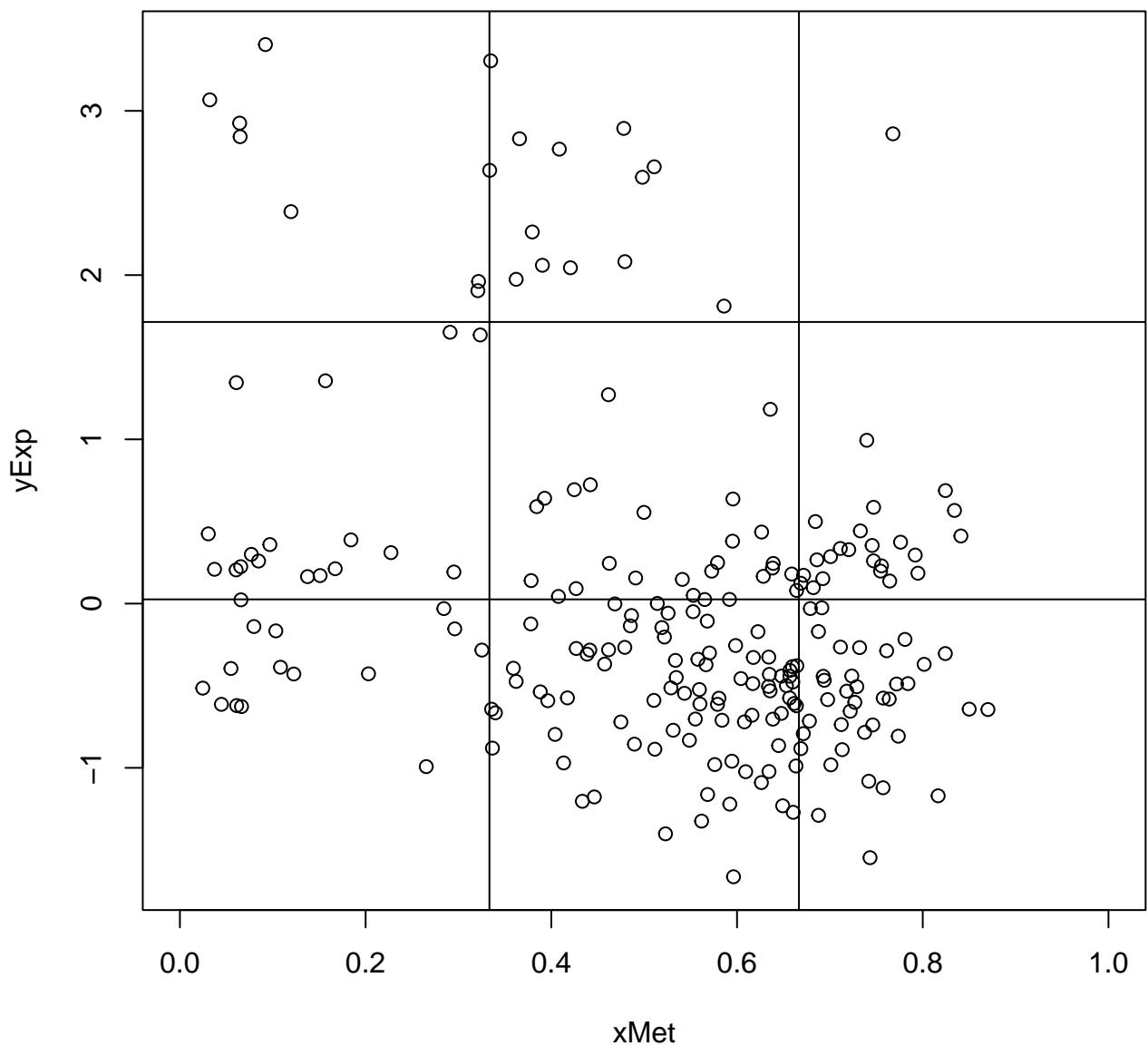
FNDC4, 219



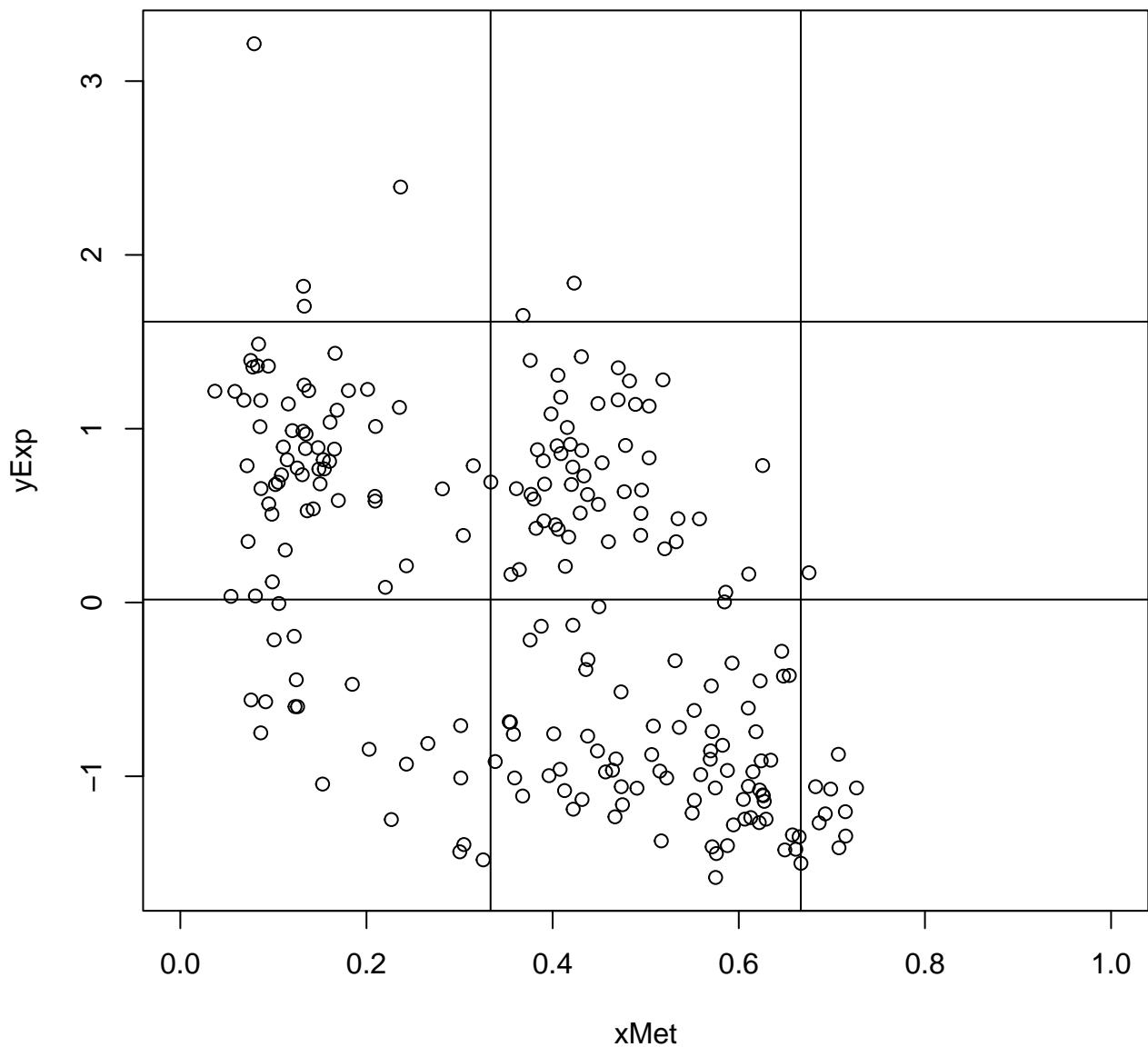
FOXE3, 245



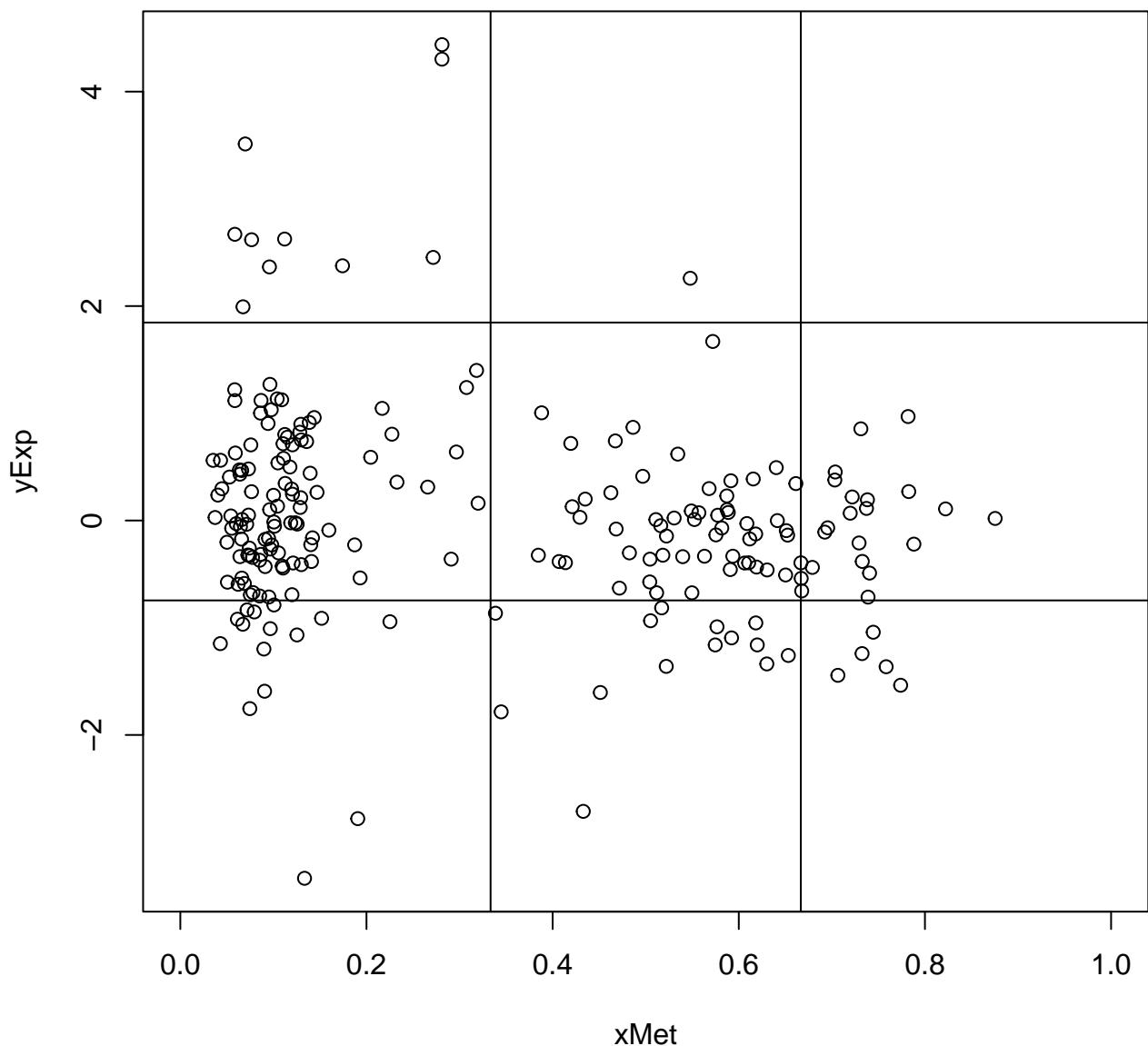
FOXG1, 89.4



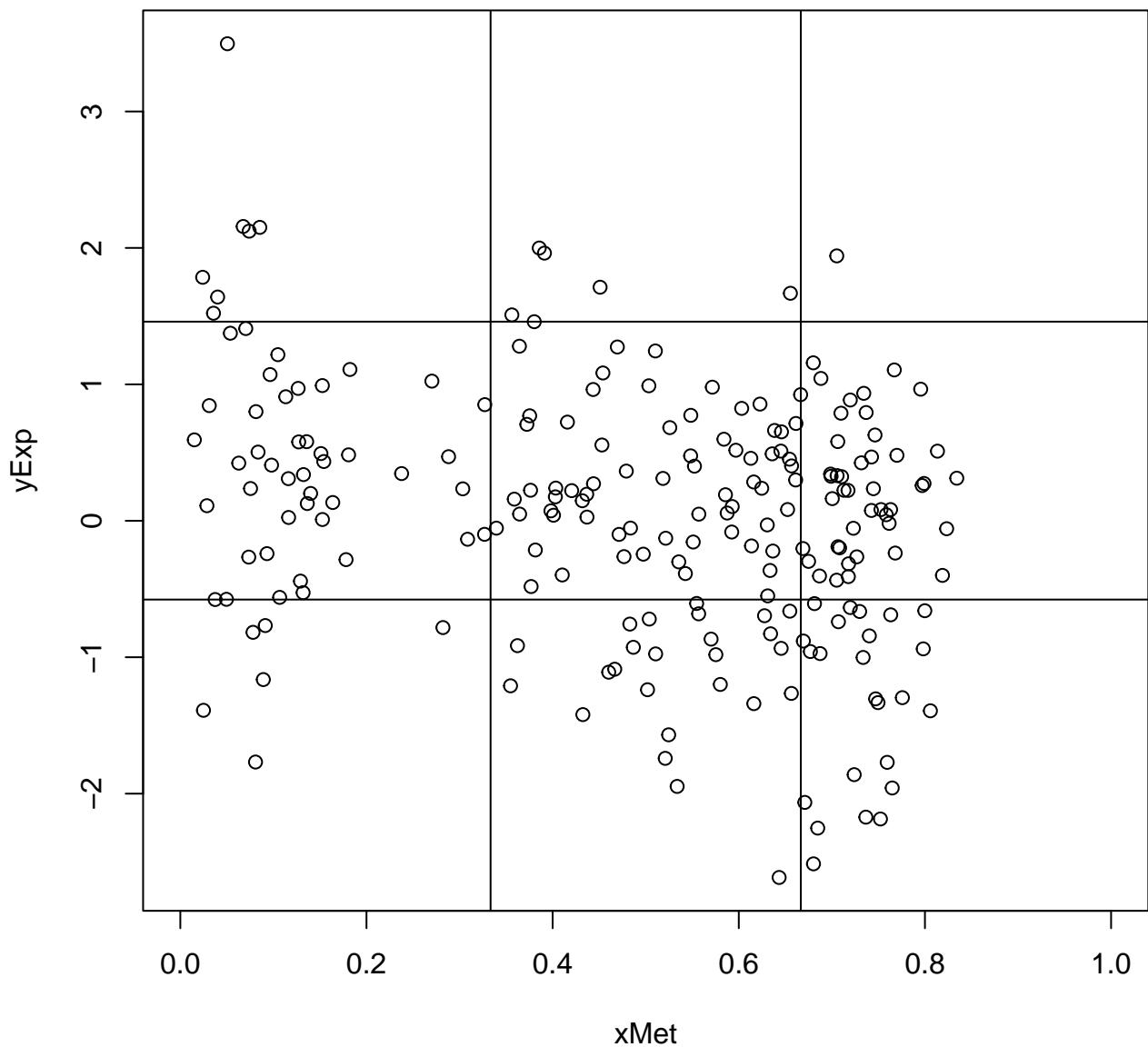
FOXJ1, 175



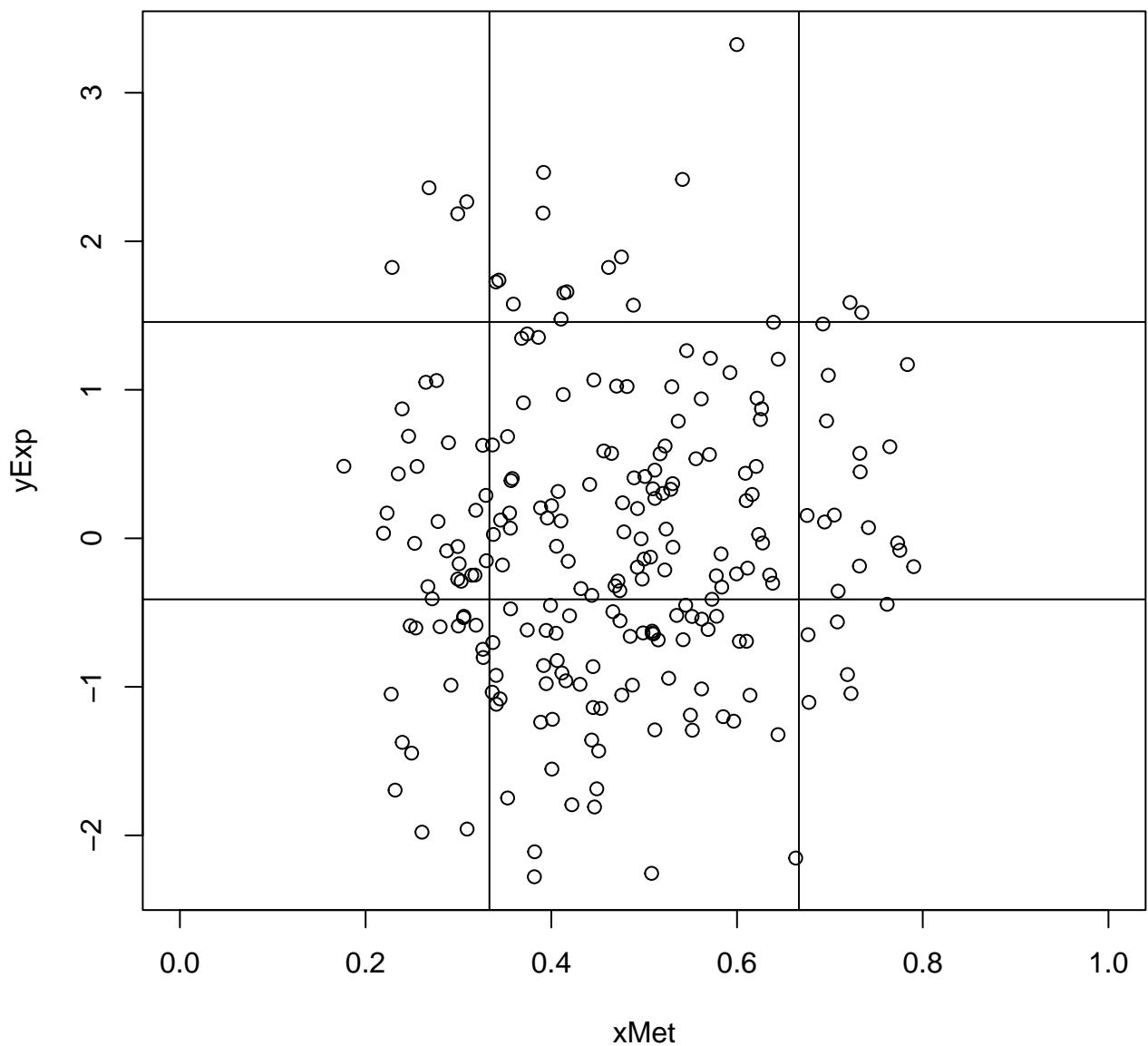
FOXL2, 114



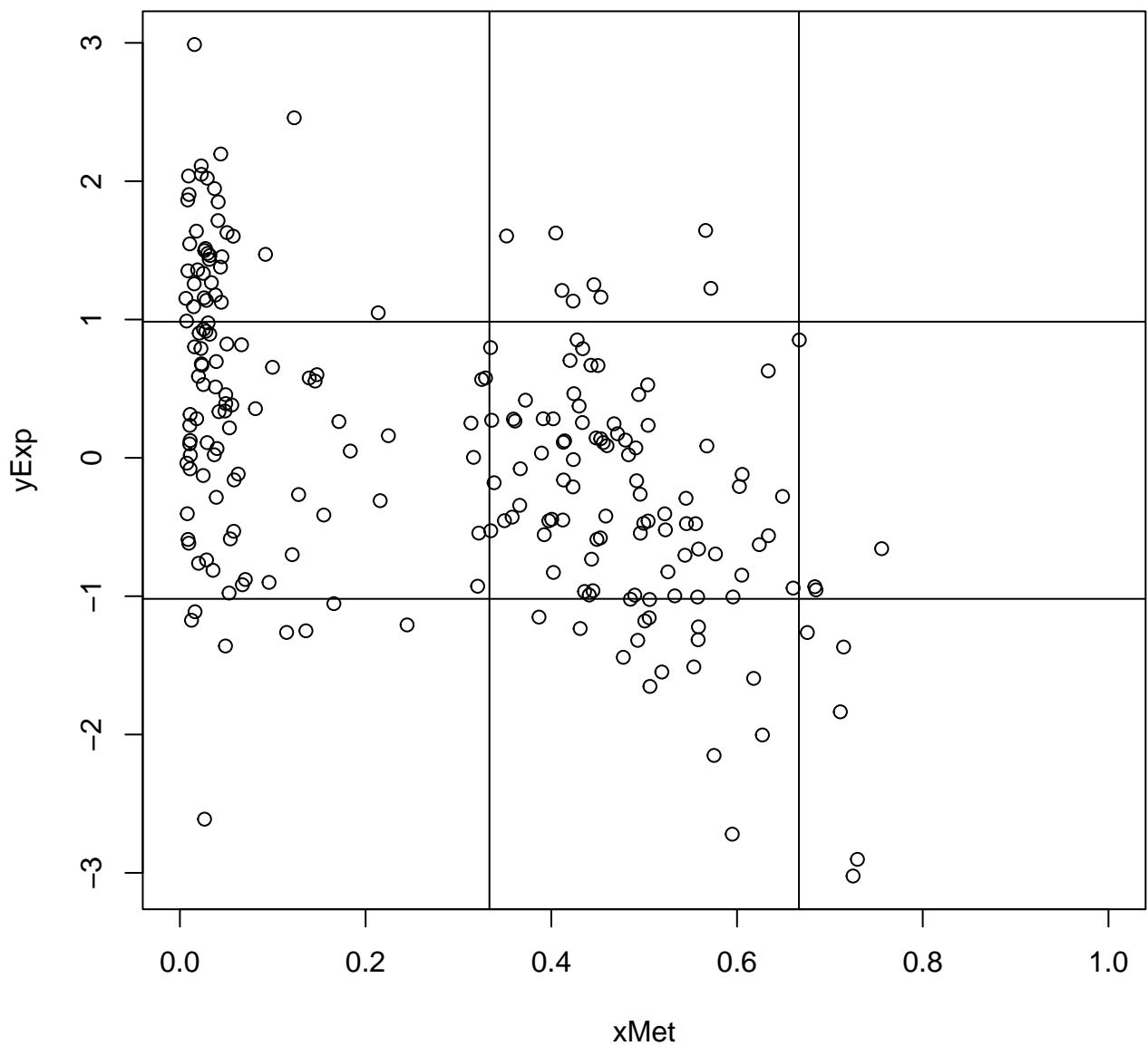
FRZB, -4.6



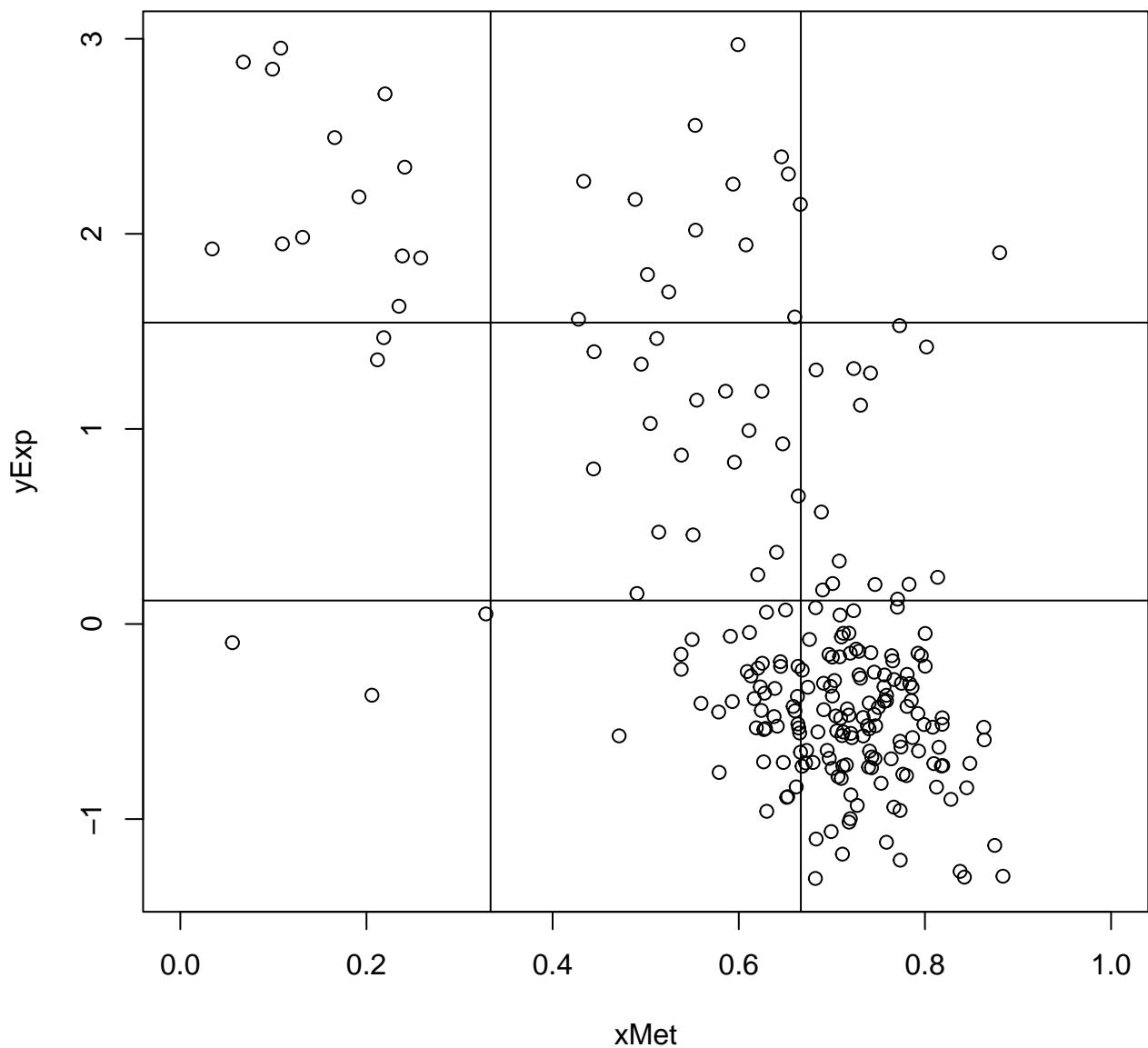
FSD1, -25.2



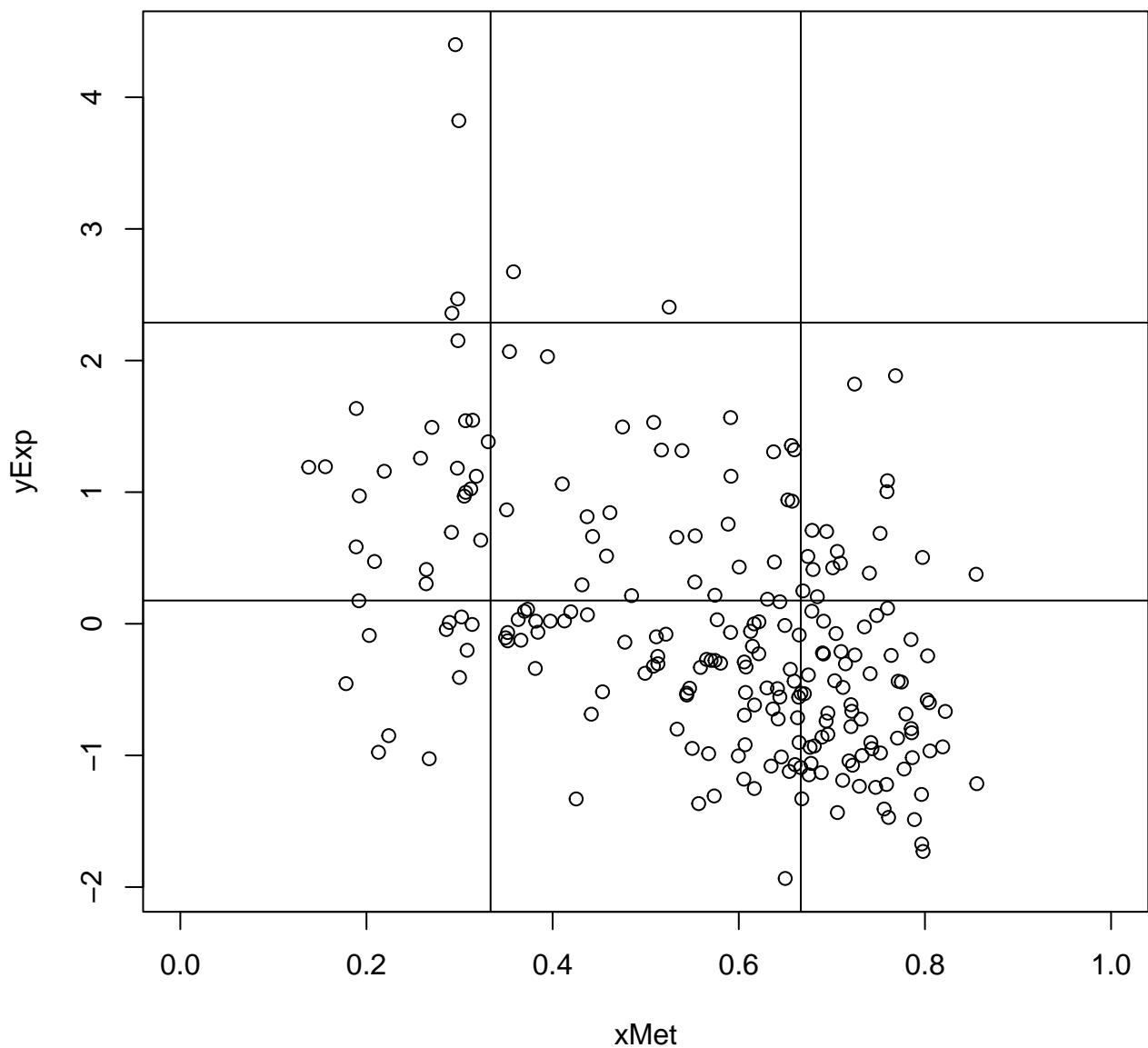
FUZ, 151



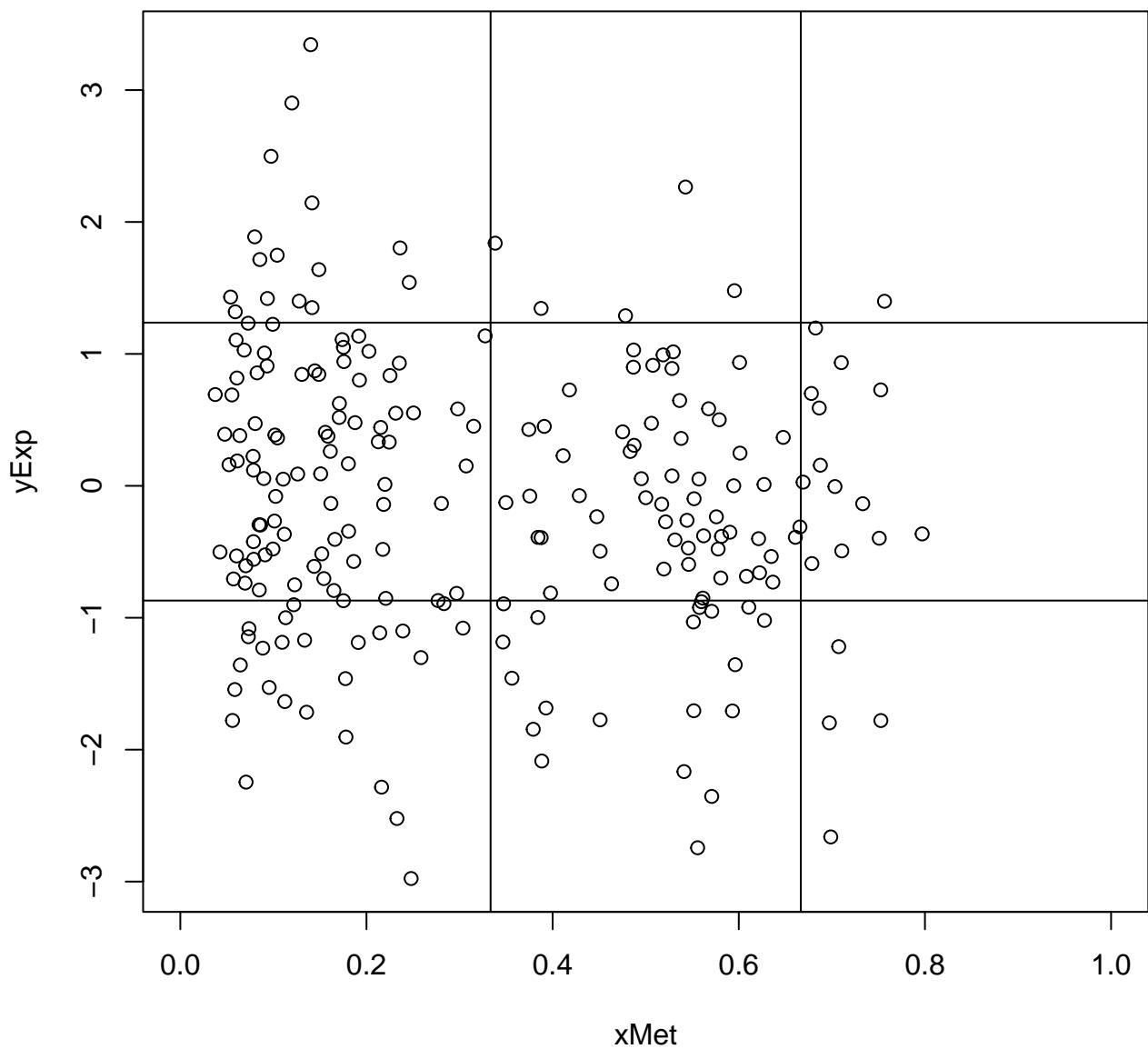
FZD10, 204.4



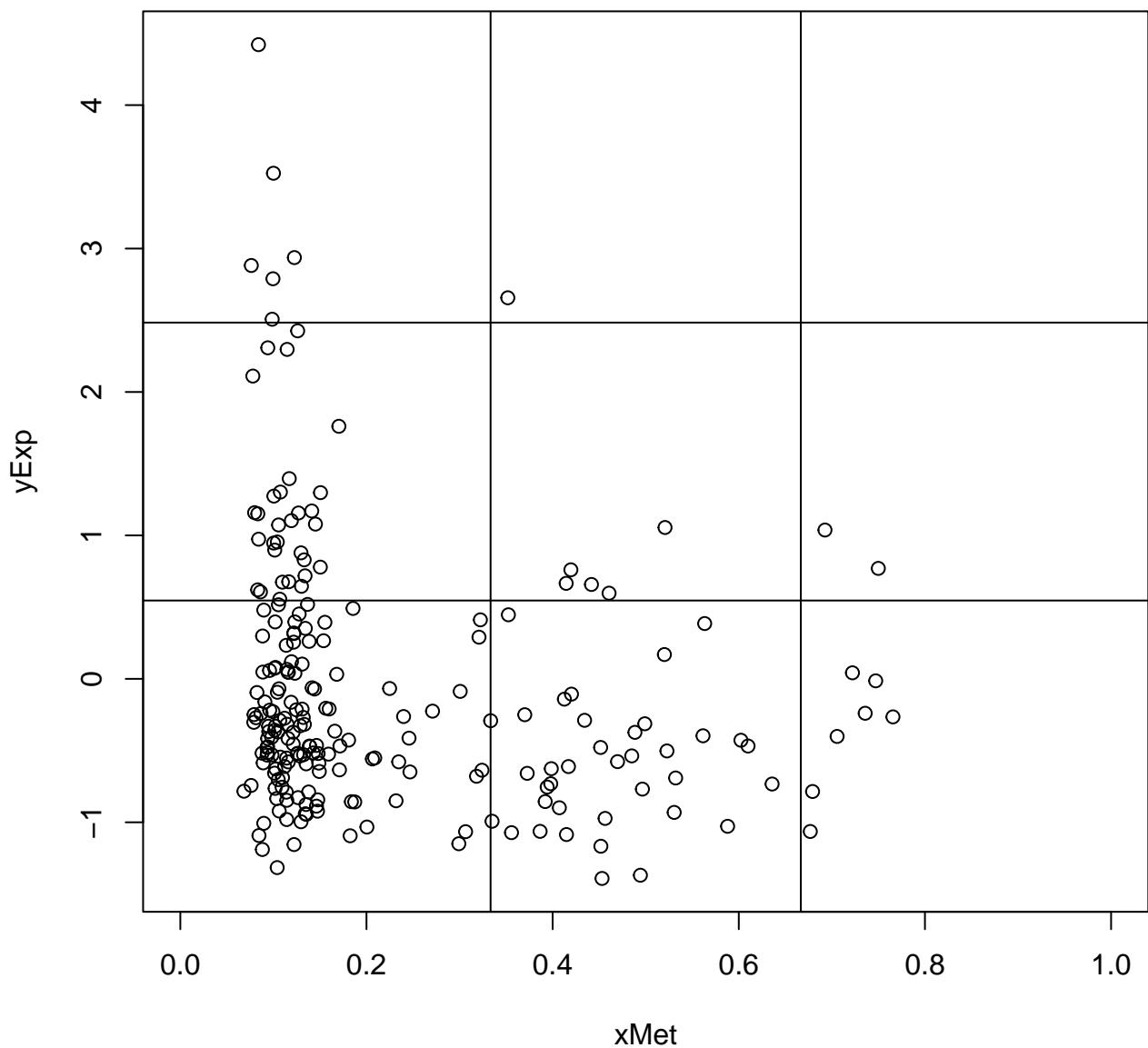
FZD9, 206



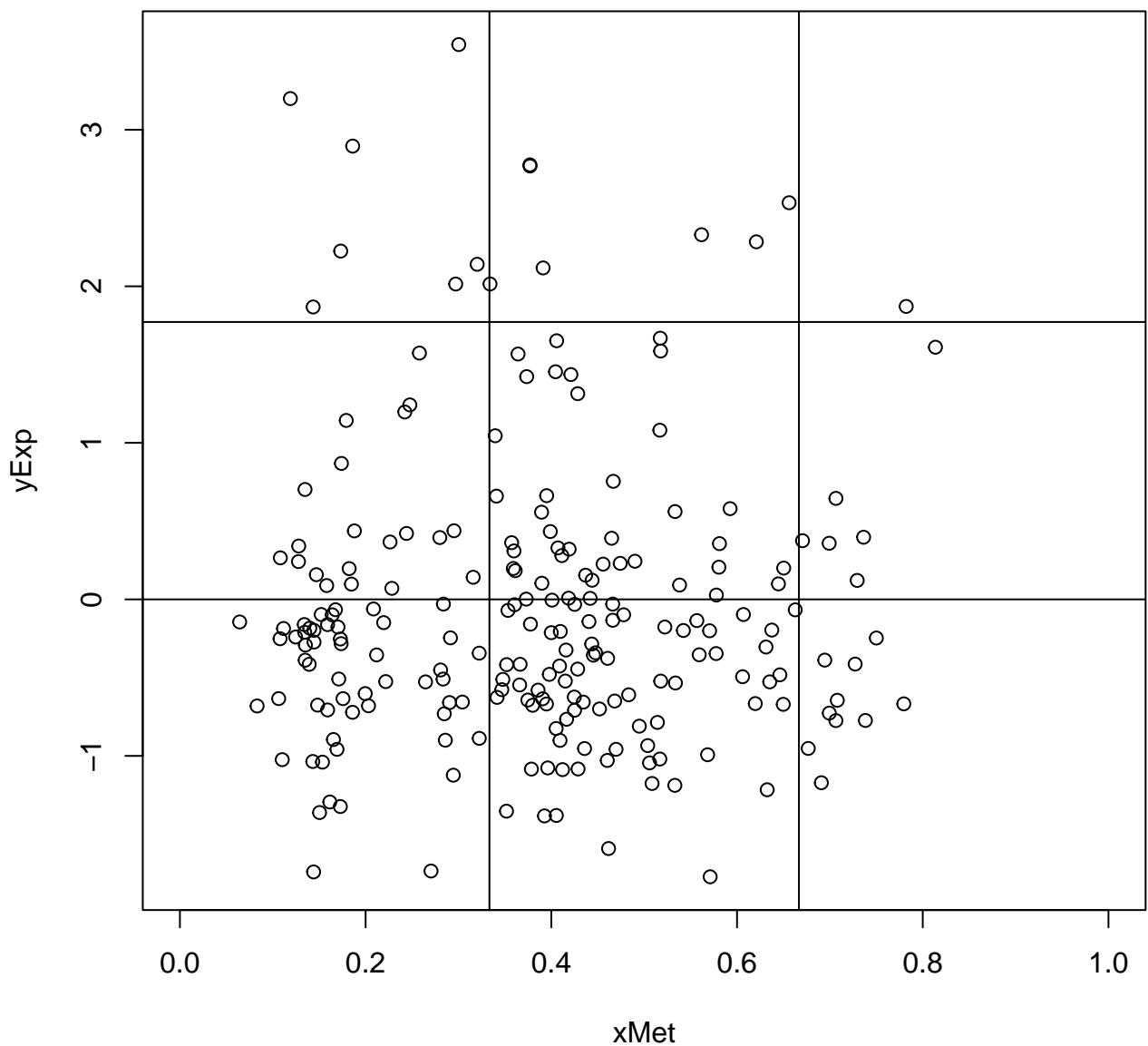
G3BP1, 84.4



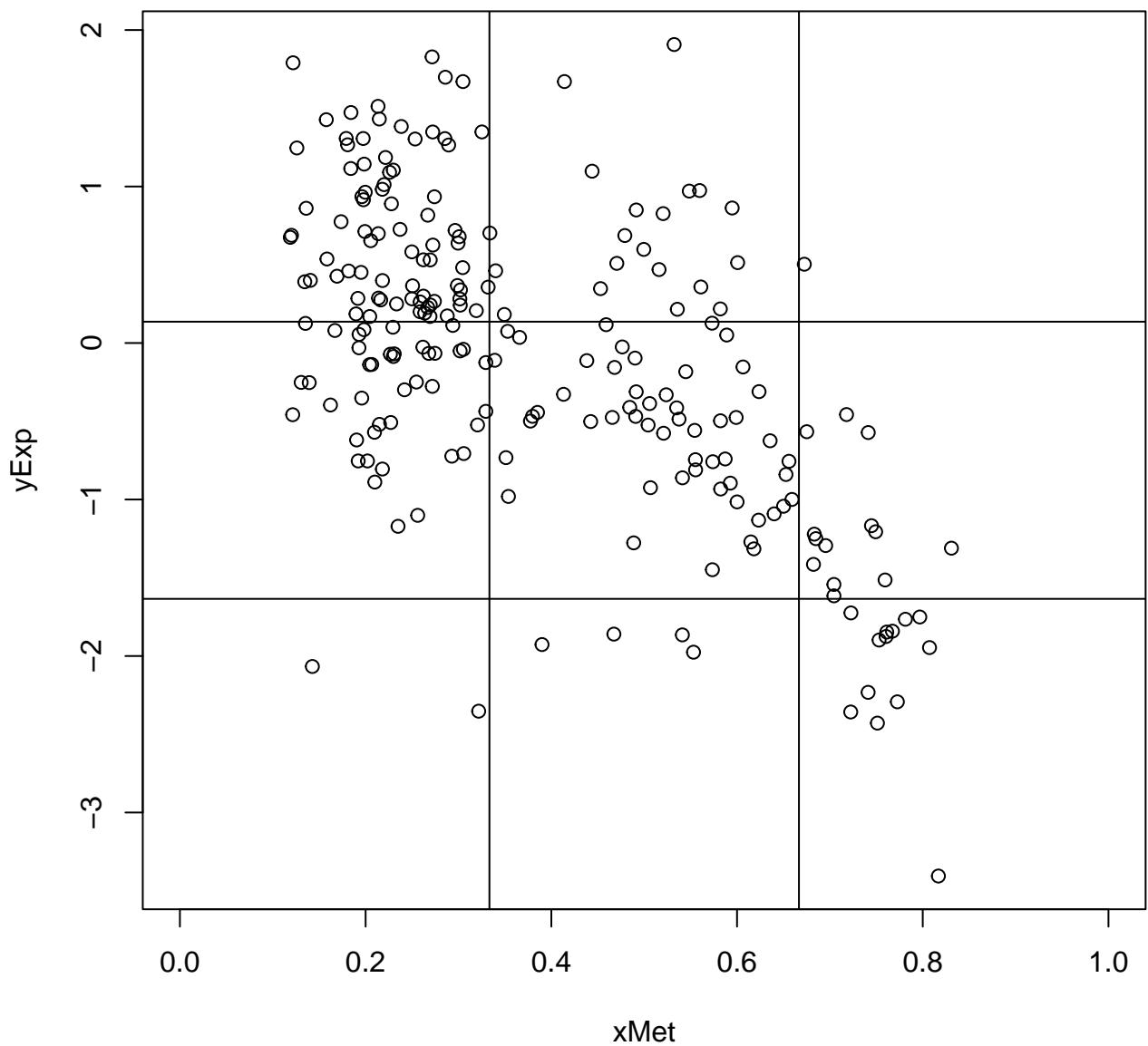
GABRA4, 222



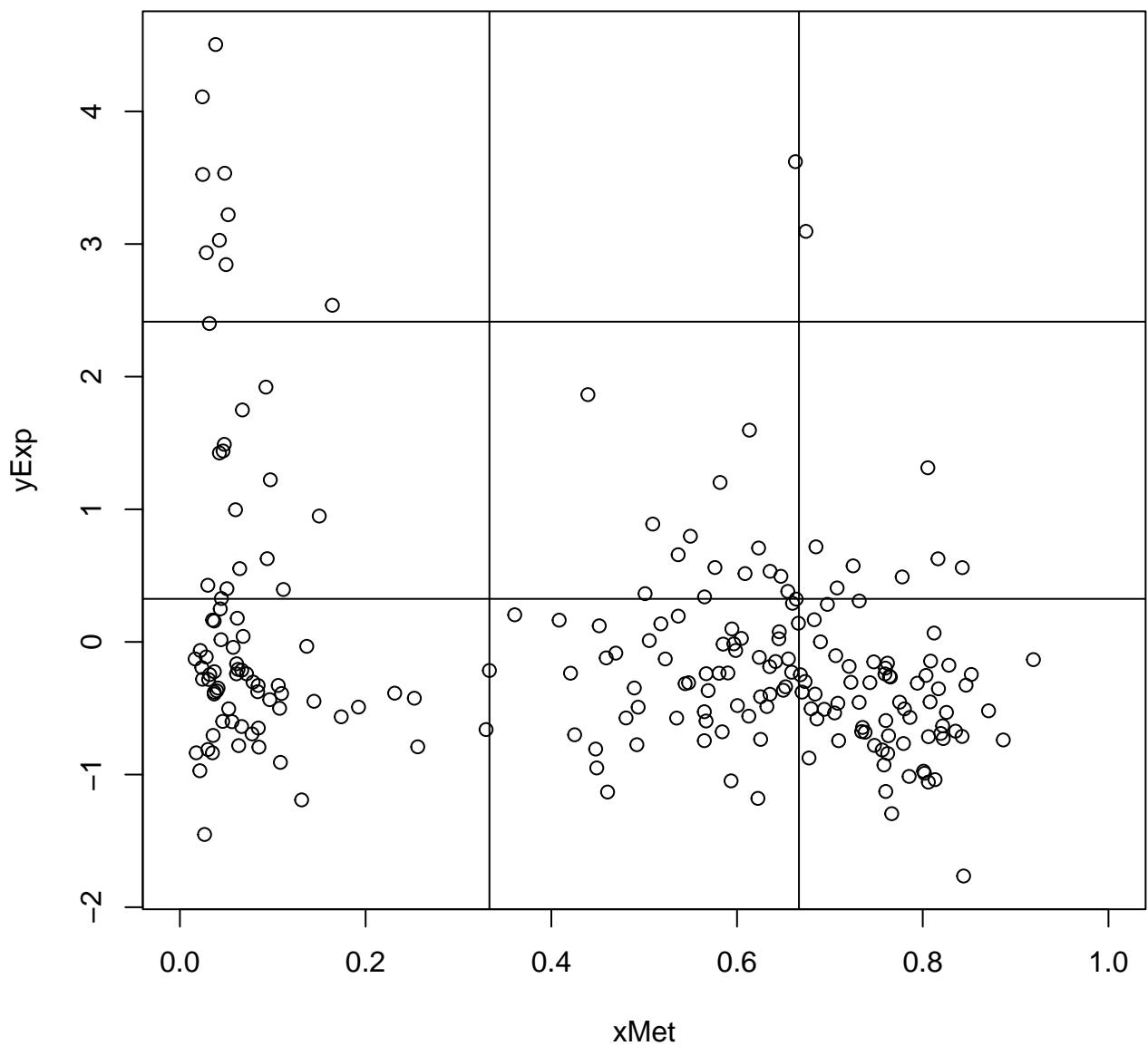
GABRB3, 115.4



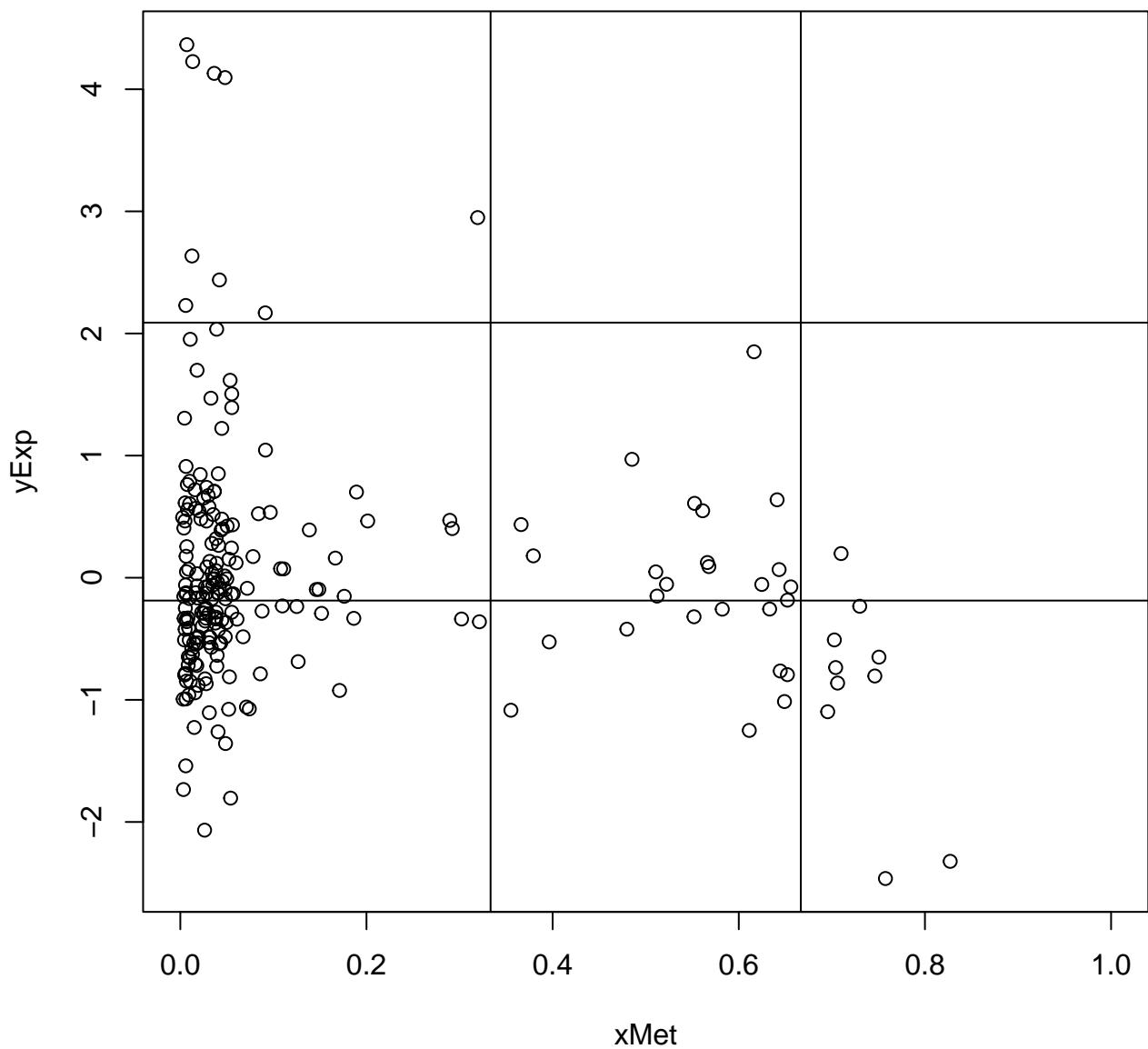
GALC, 115.4



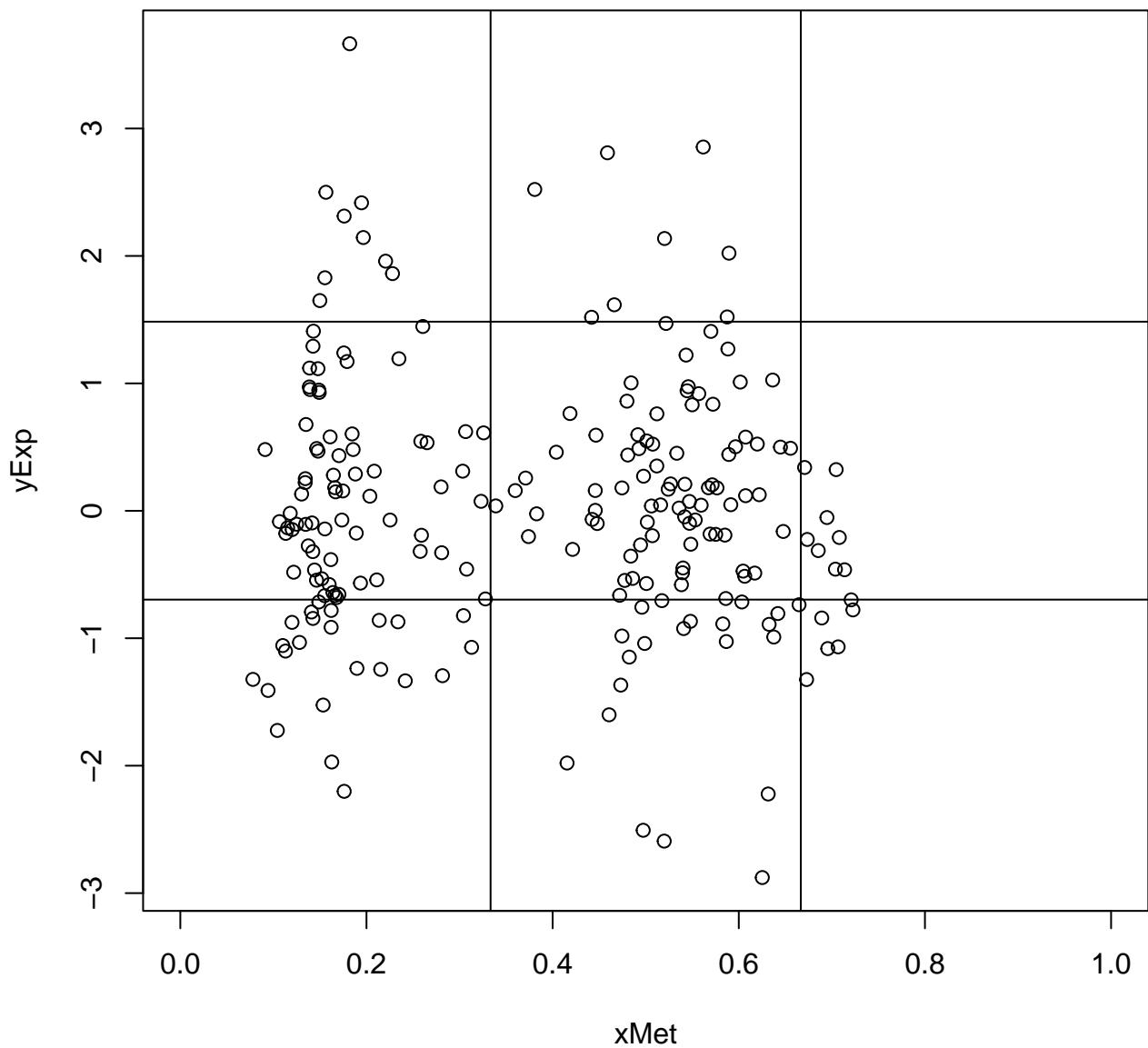
GALNT14, 214.4



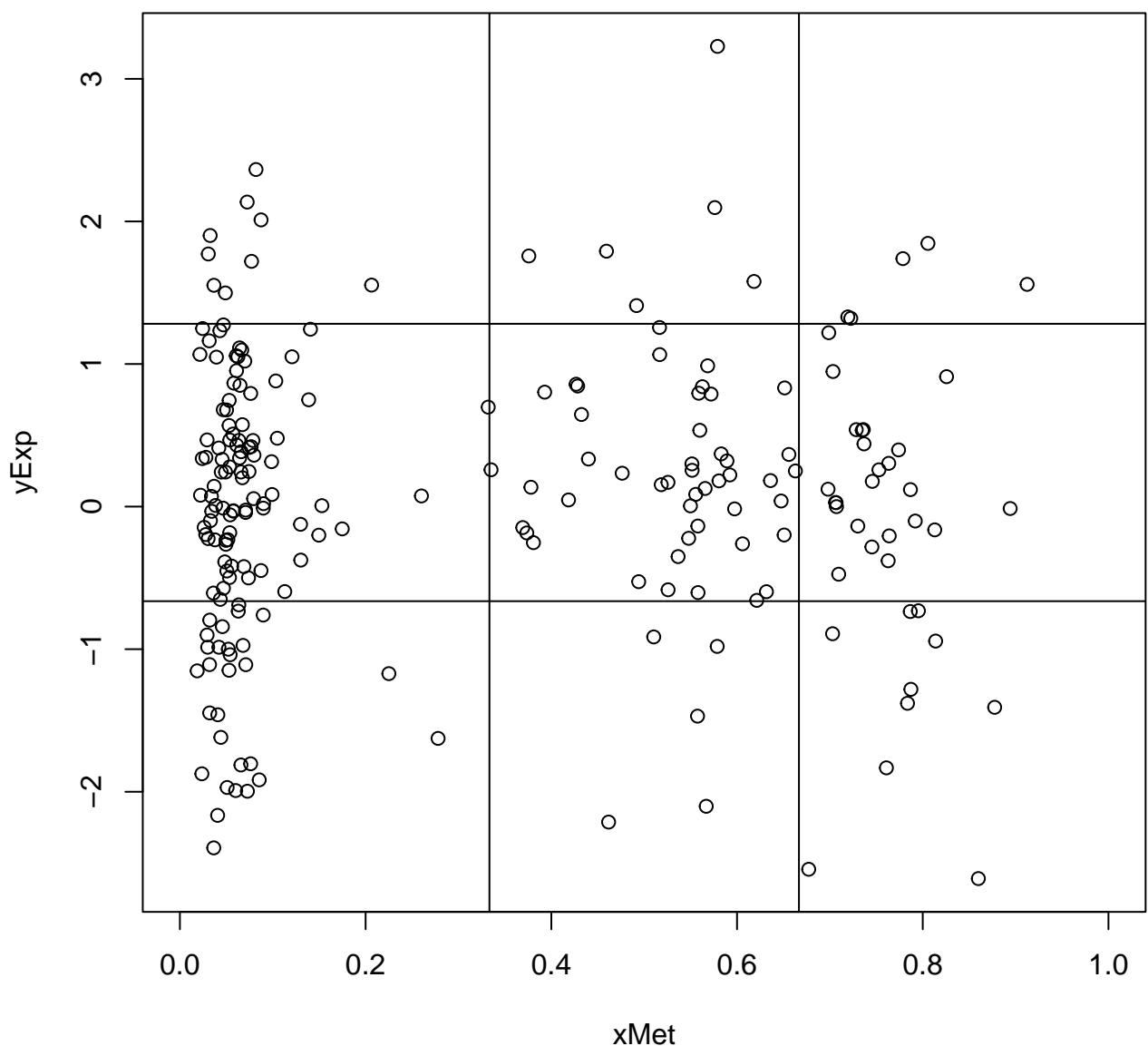
GAMT, 222



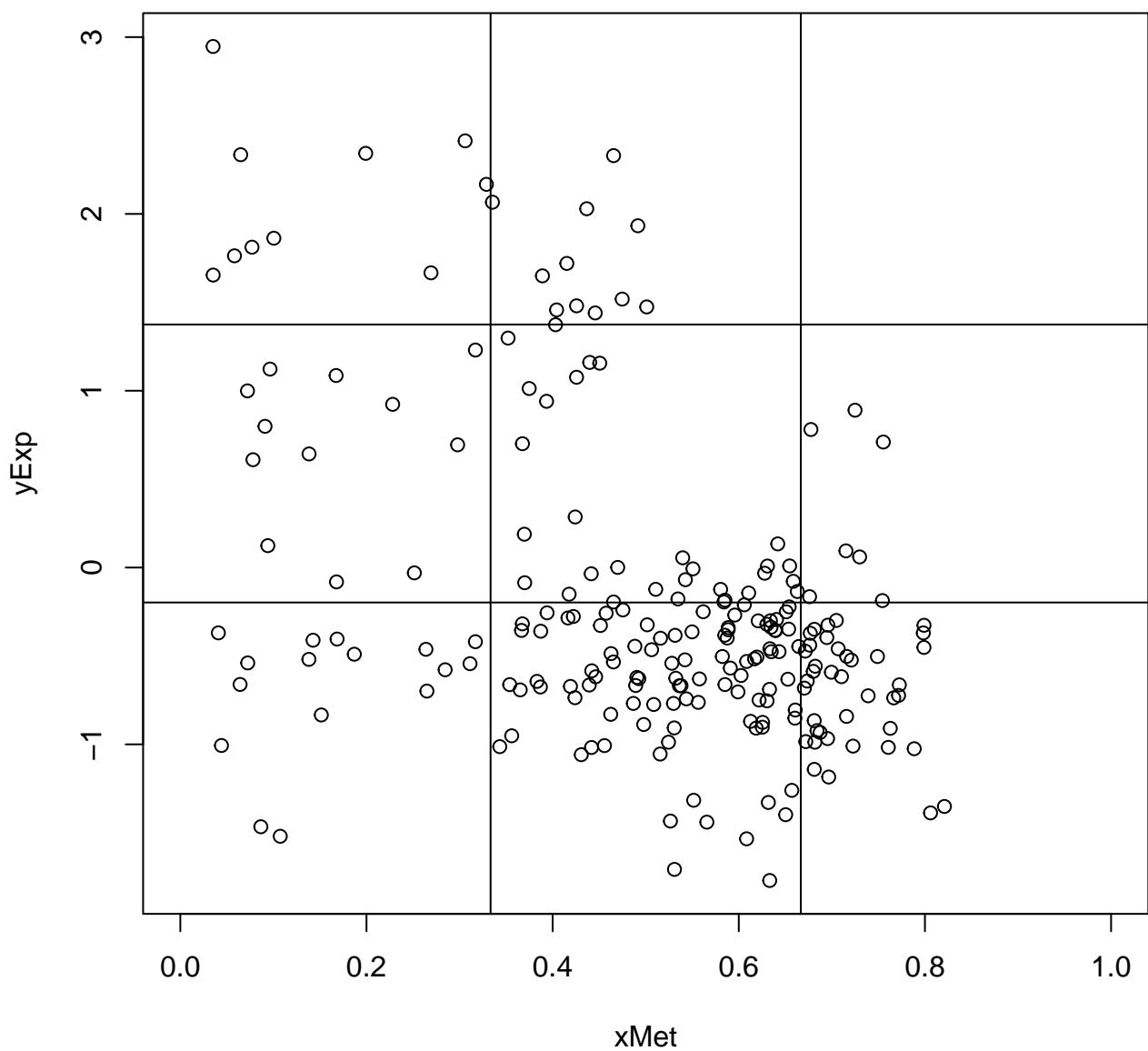
GAP43, 111



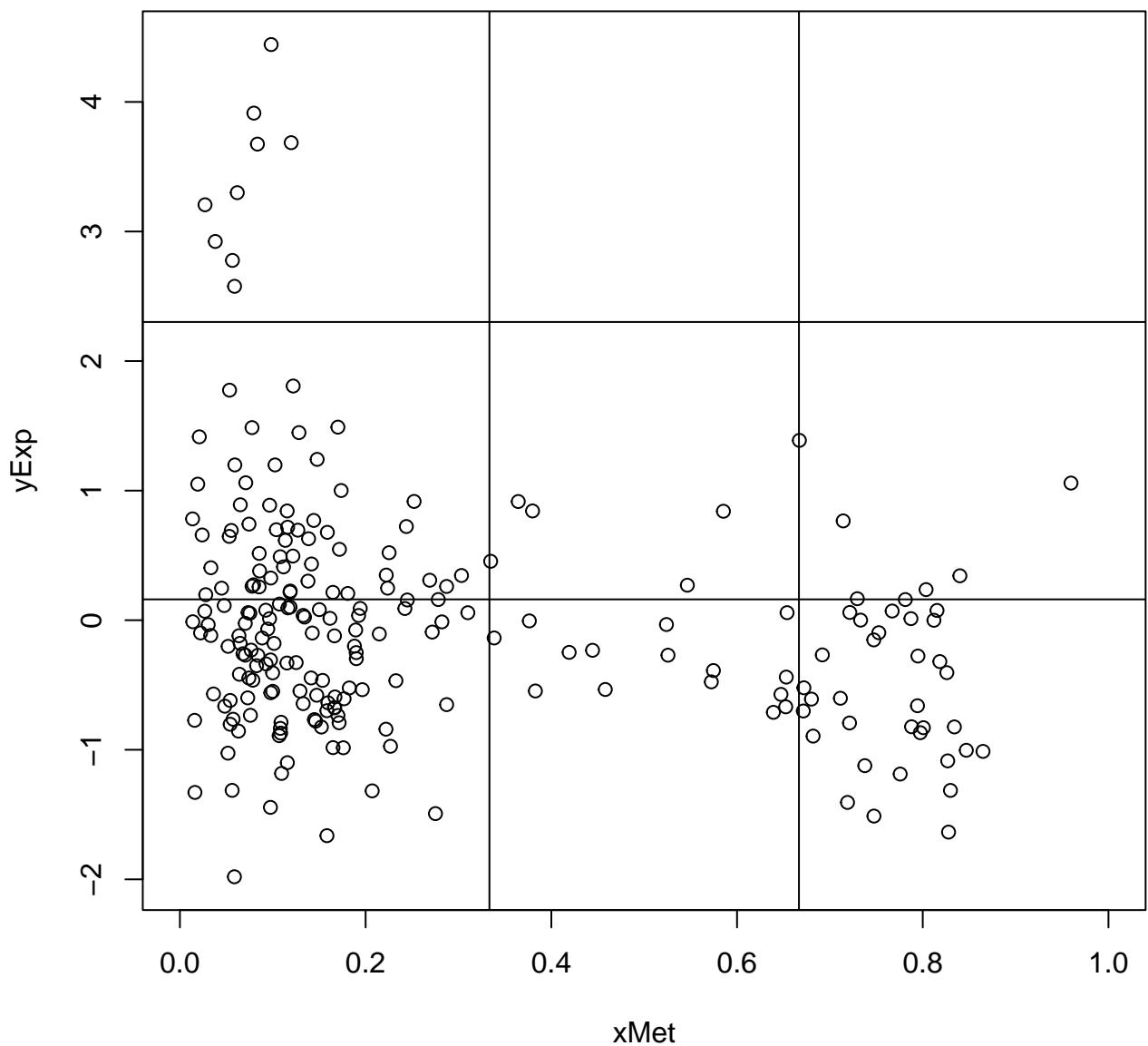
GATA3, -122



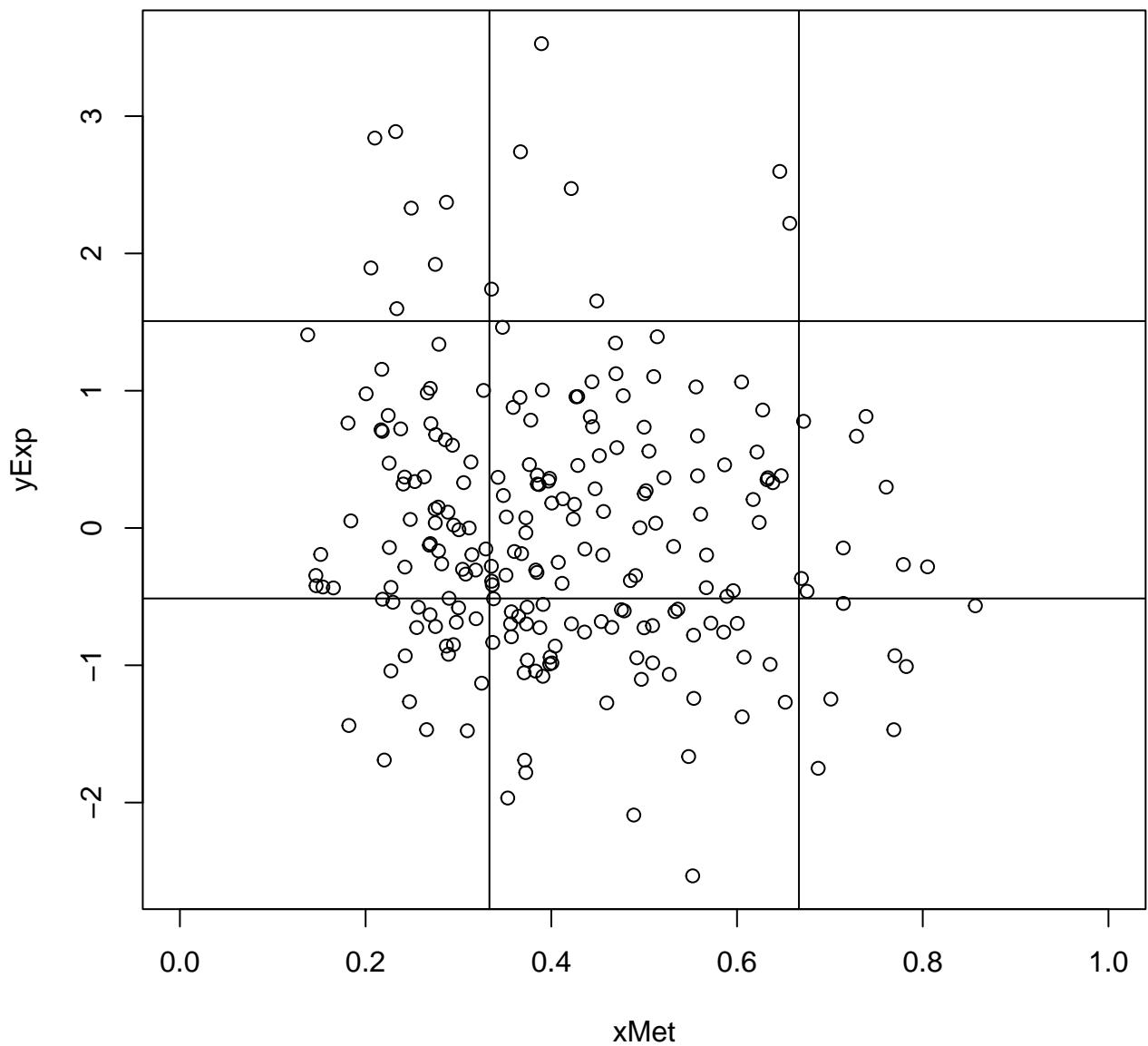
GATA4, 188



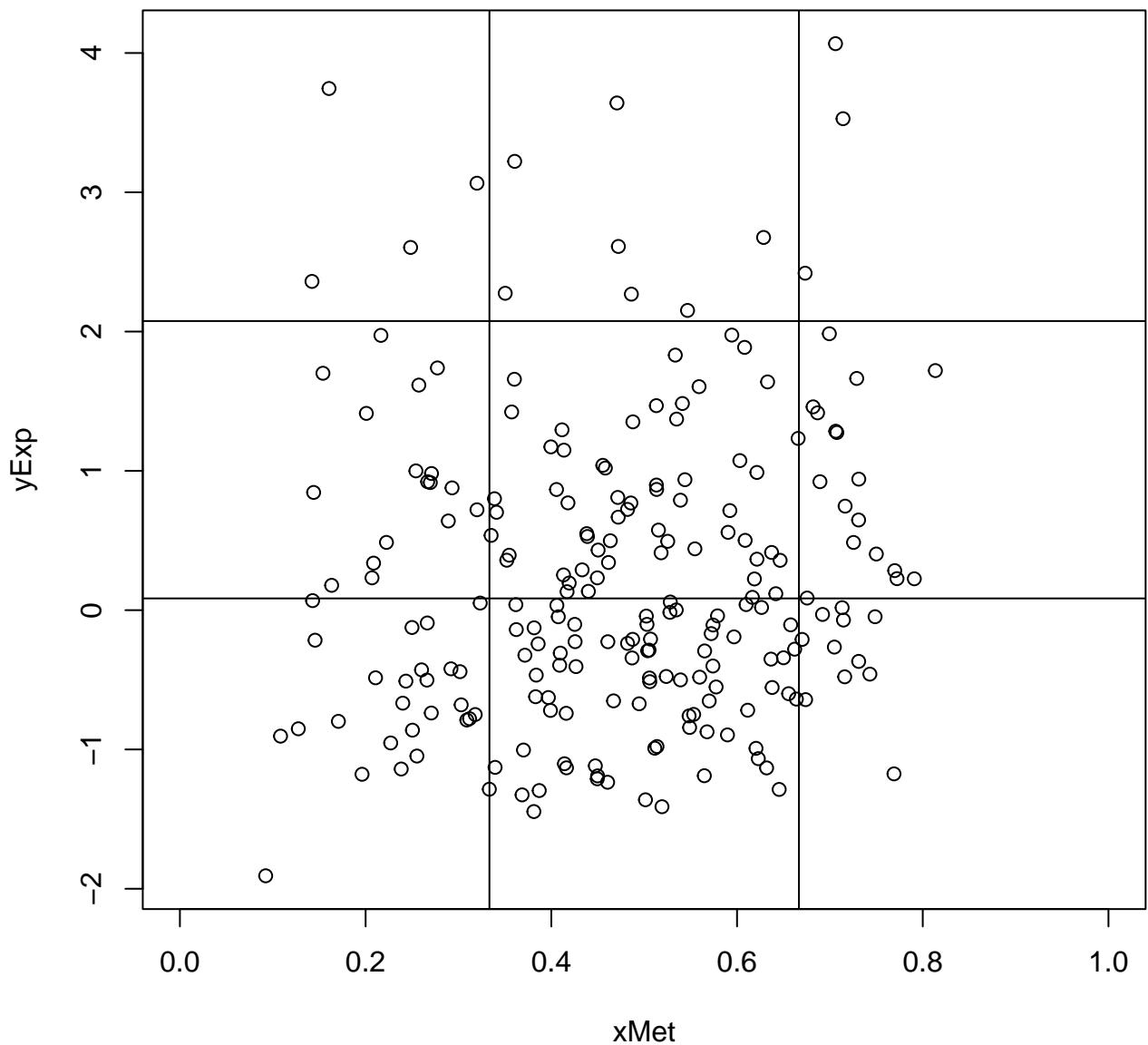
GBX2, 242



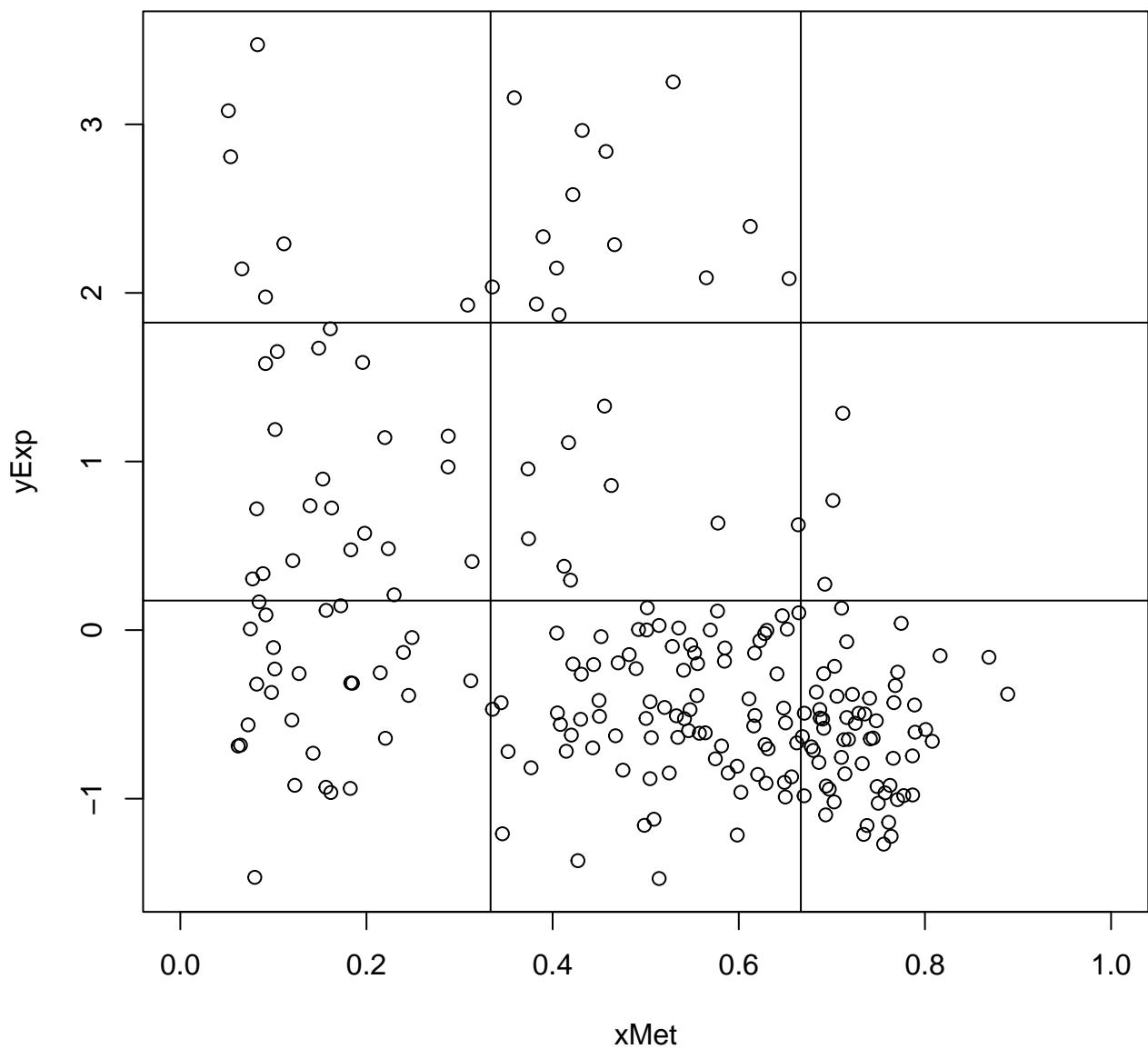
GCKR, 114



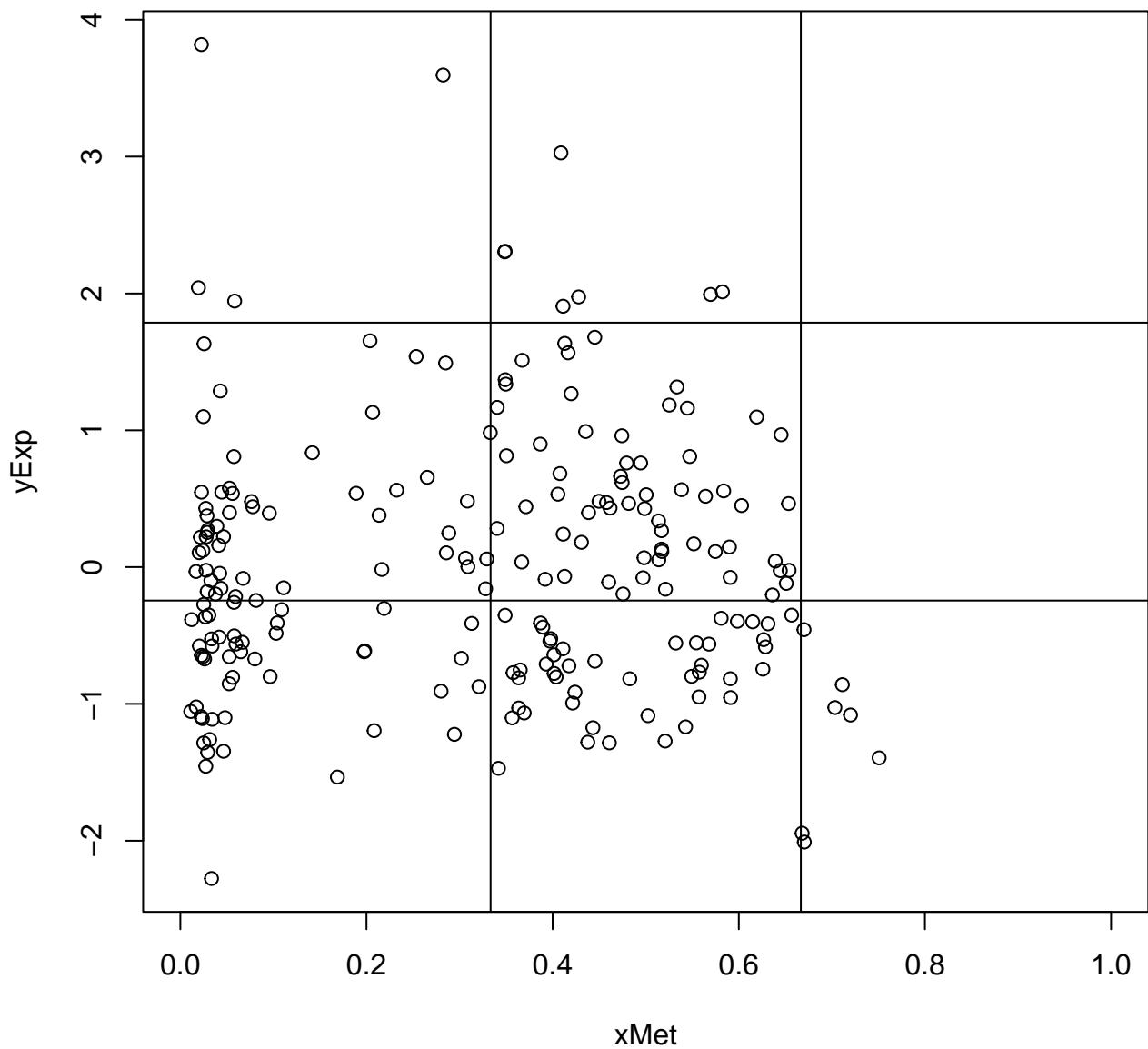
GDAP1L1, -28.8



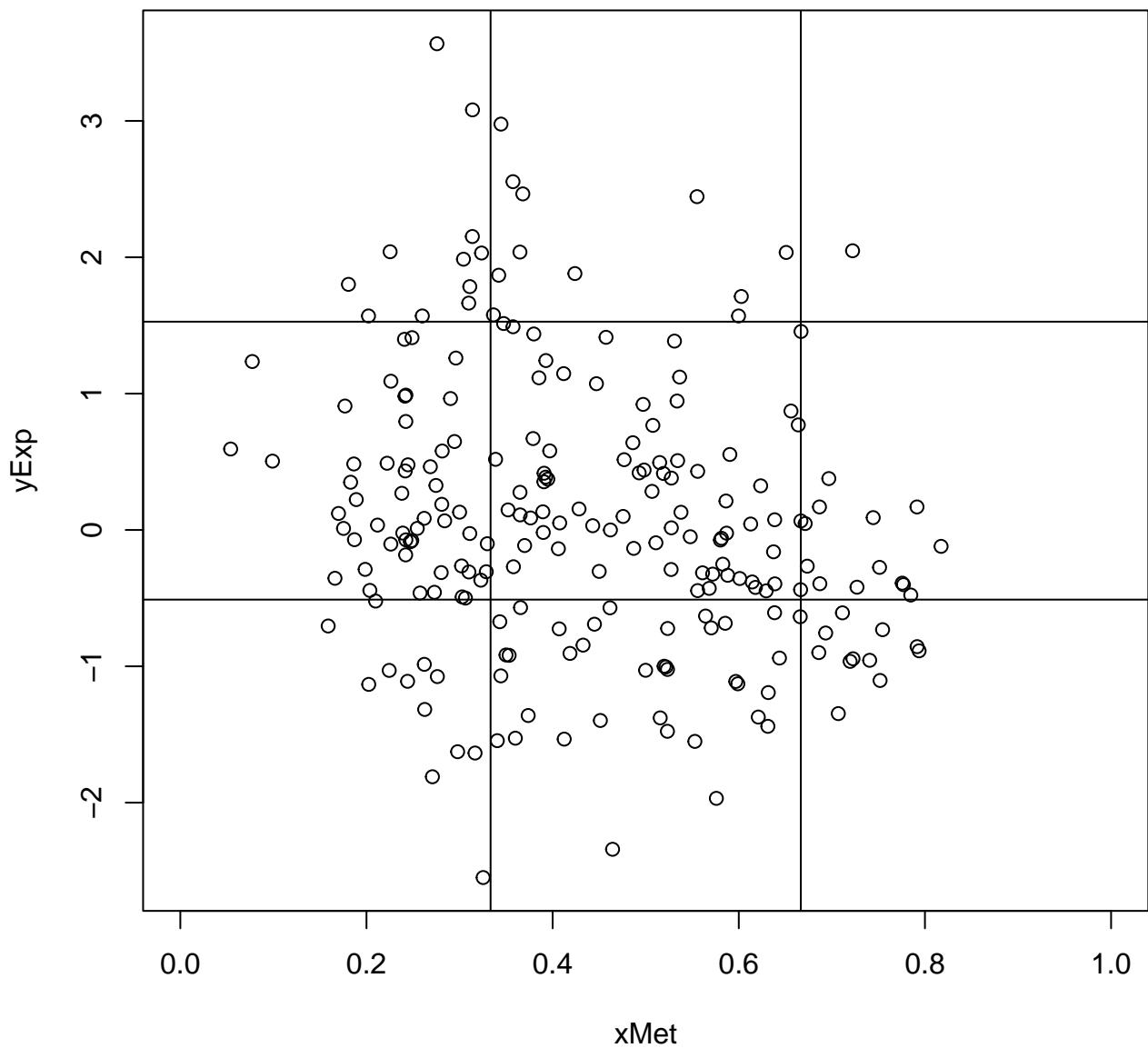
GDF10, 229



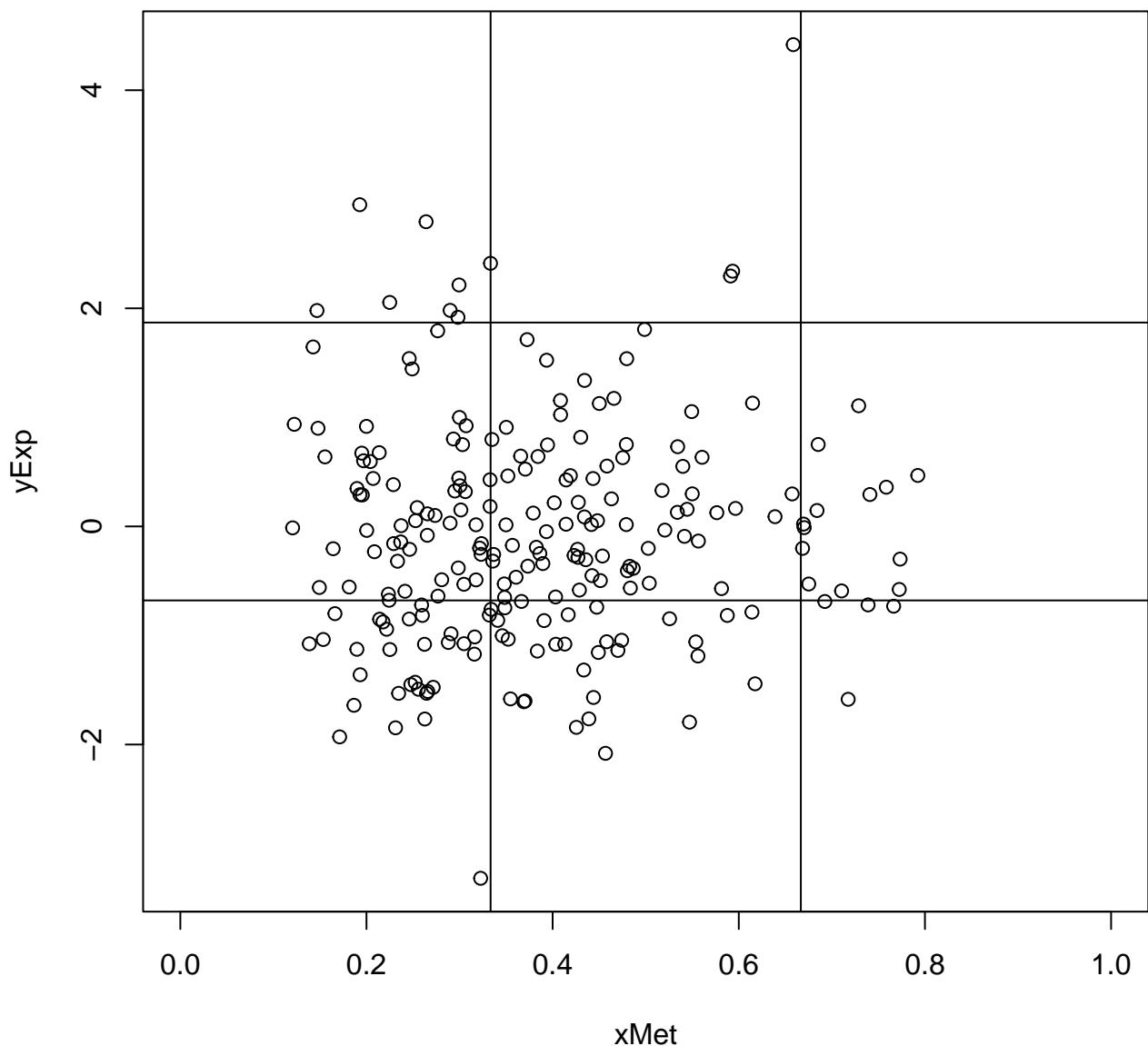
GFPT2, 151



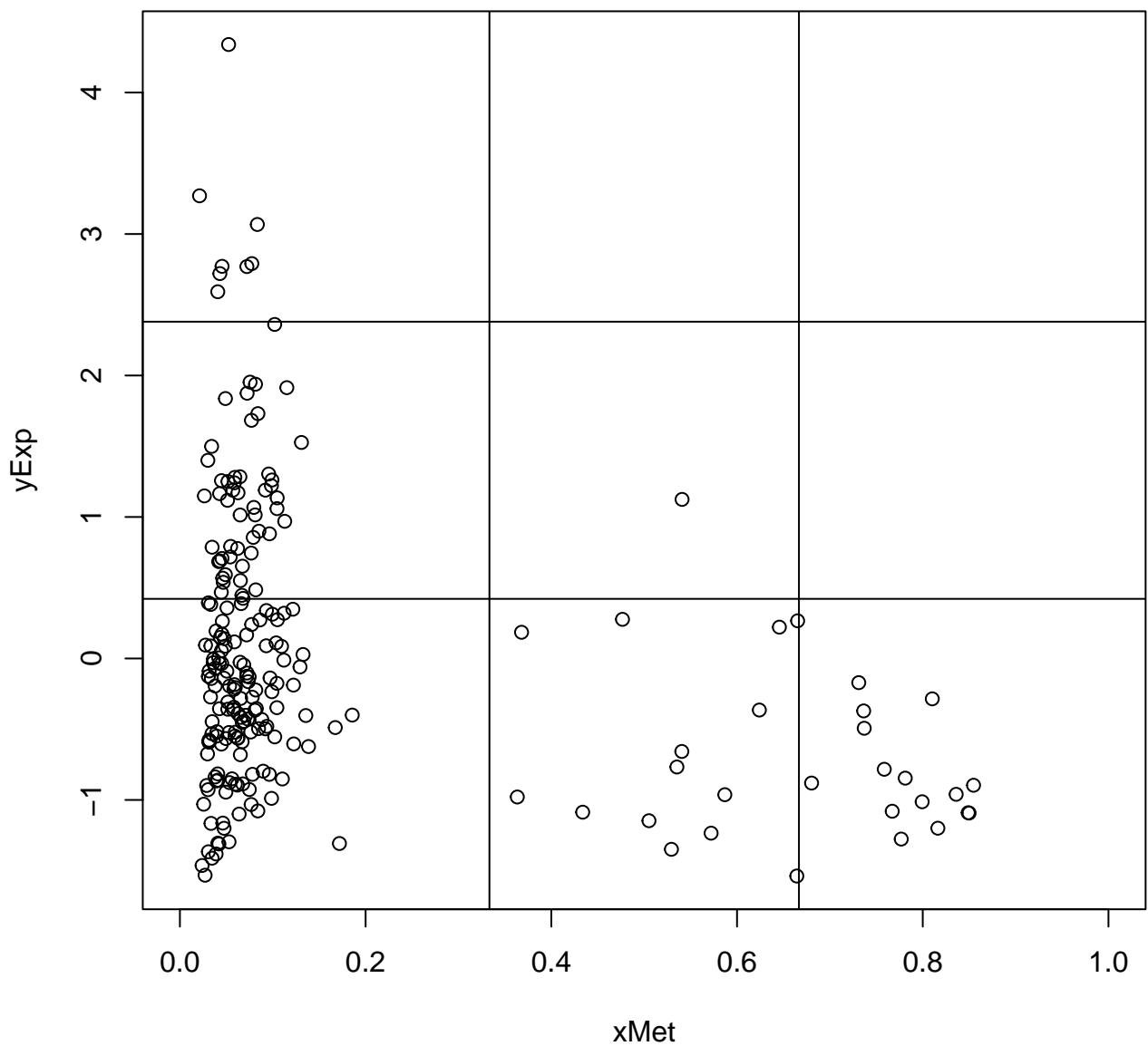
GFRA3, 47.4



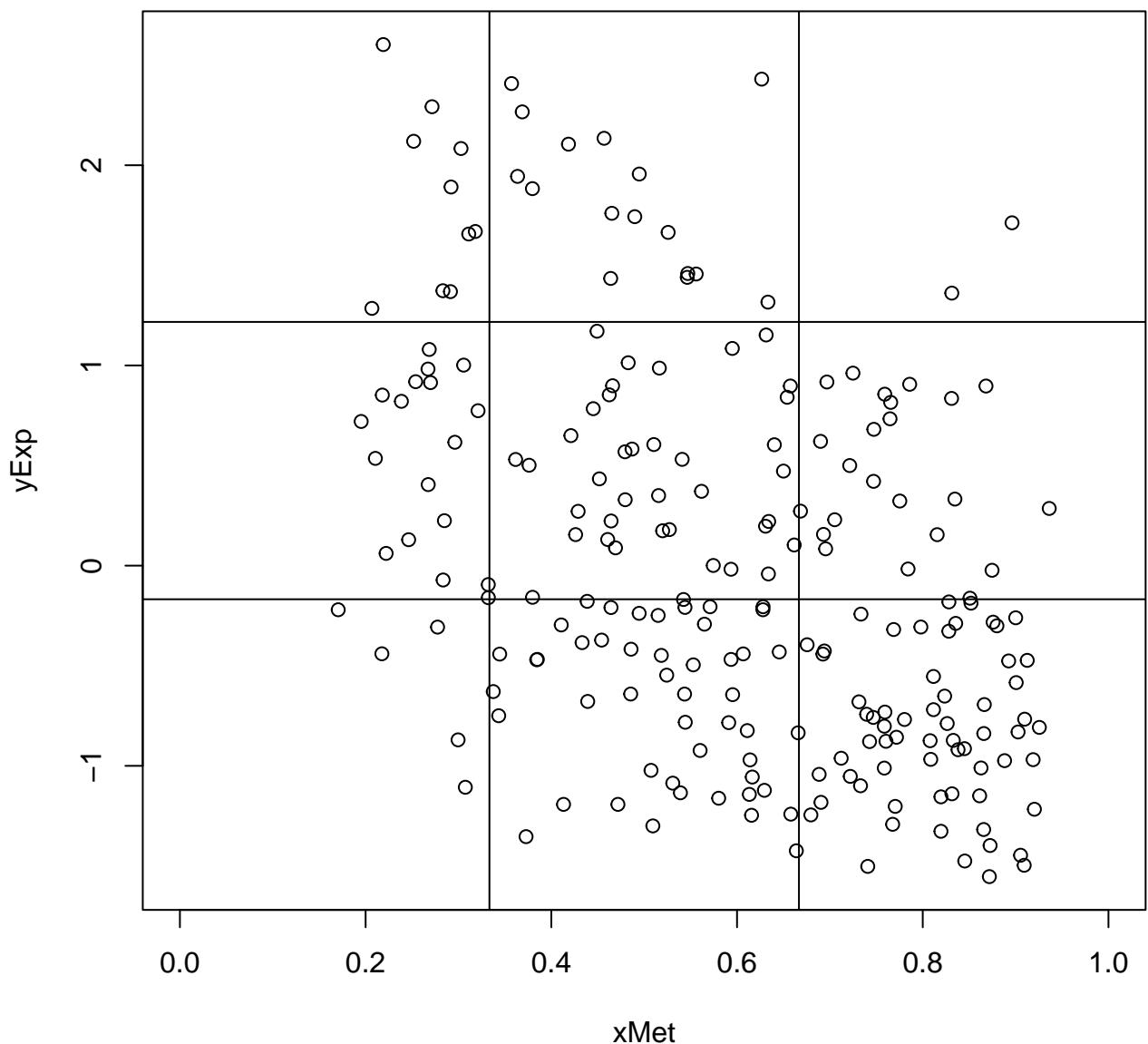
GFRA4, 111



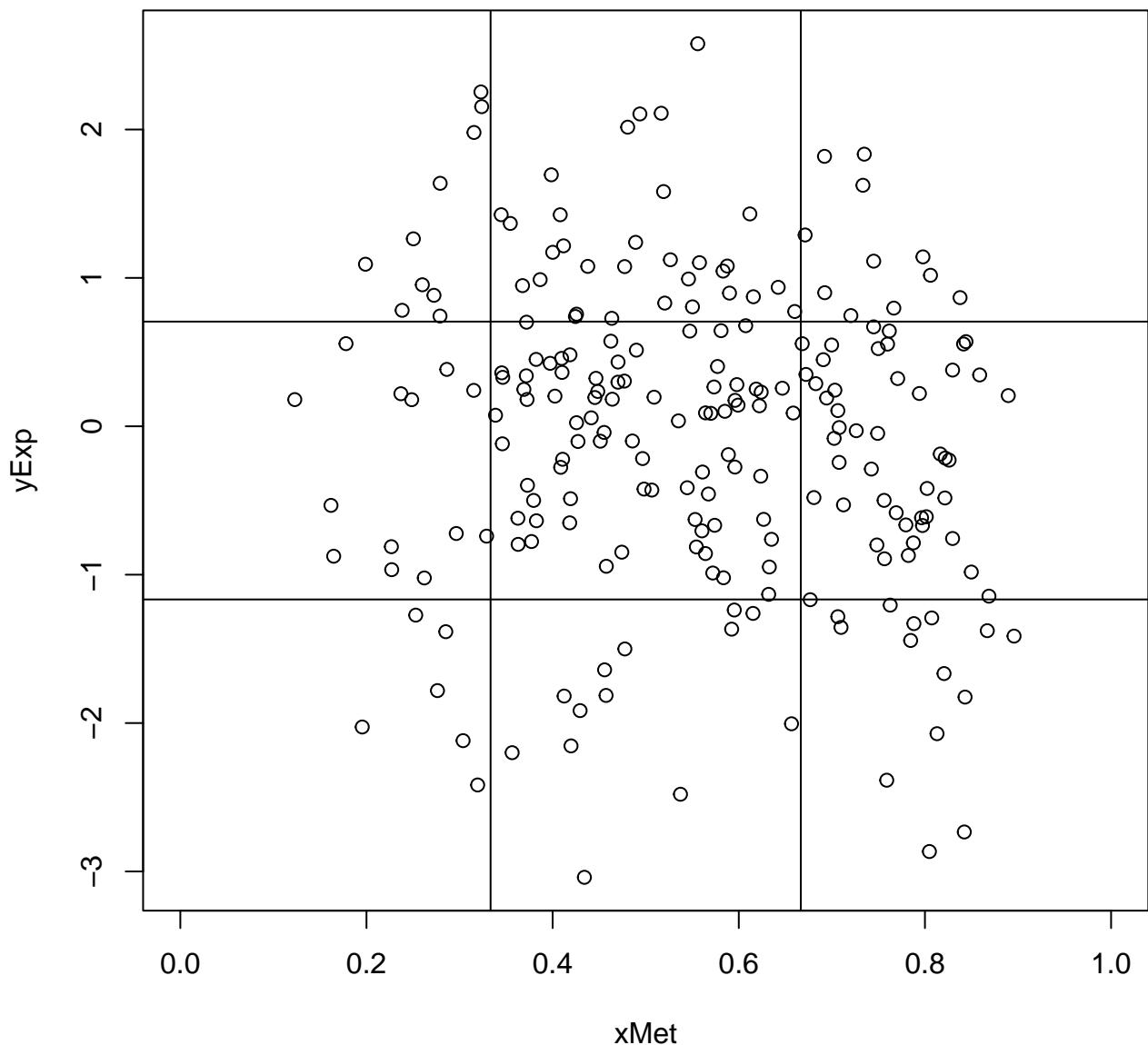
GHR, 245



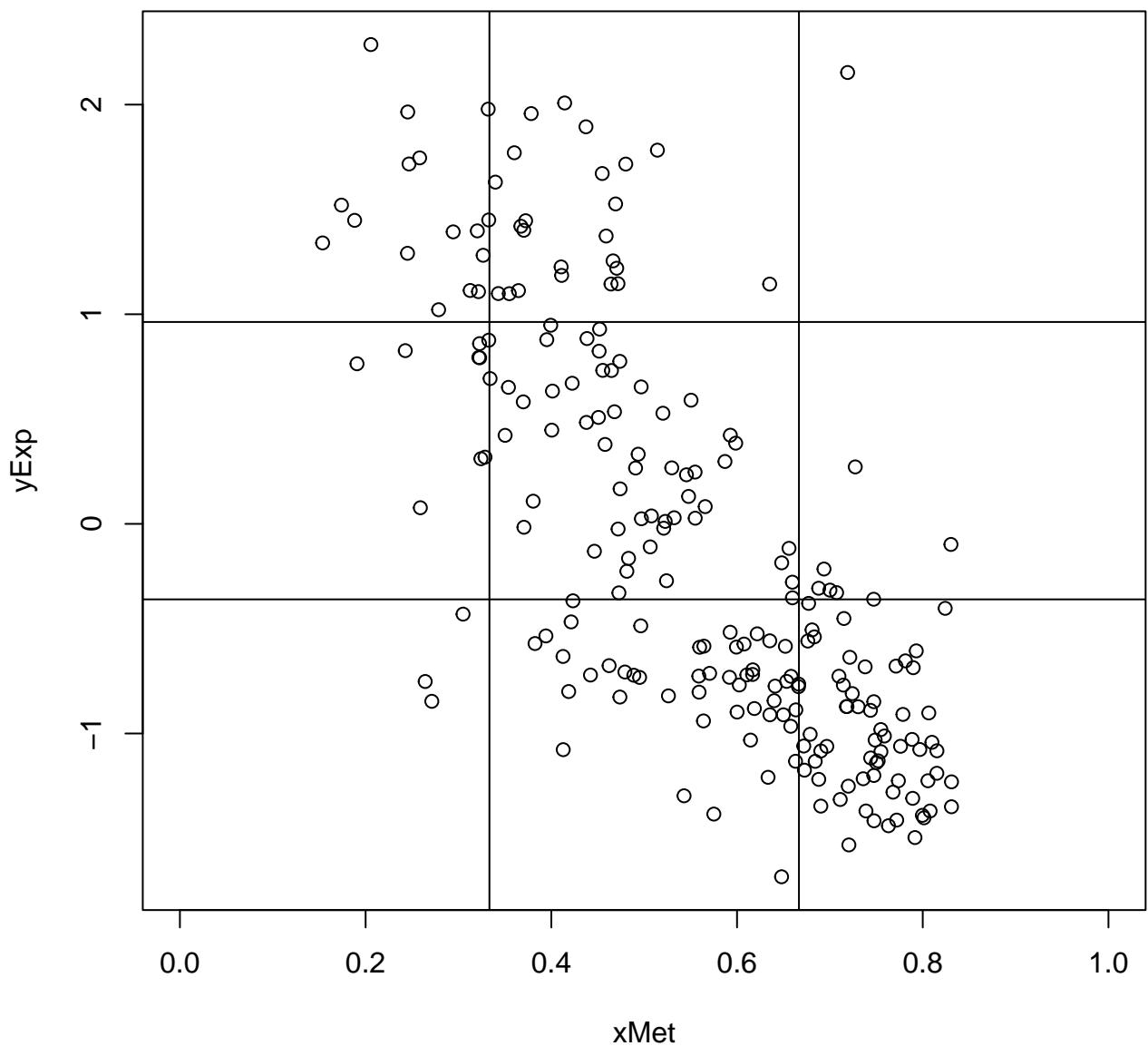
GIF, 50.8



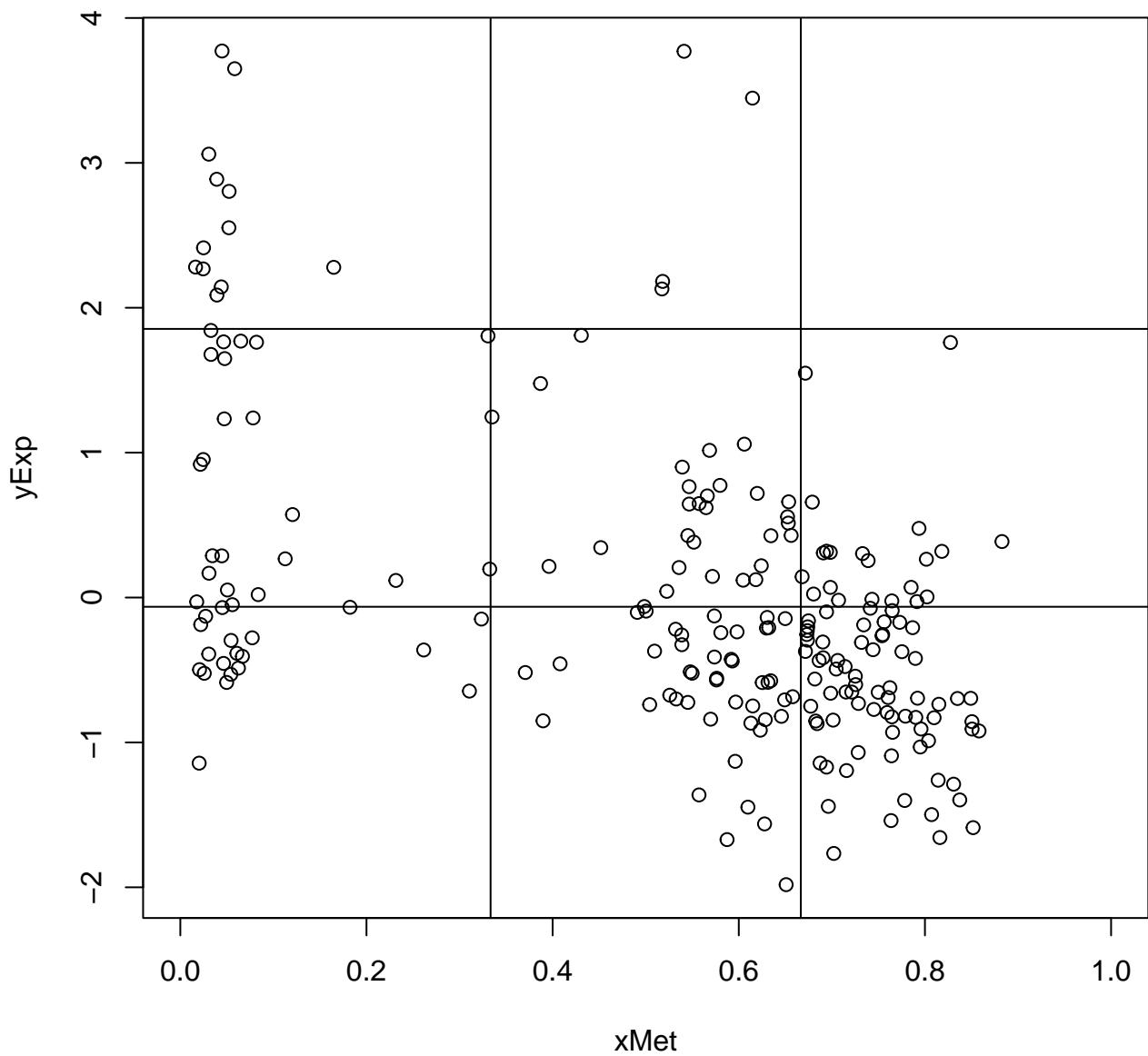
GIMAP5, -560.6



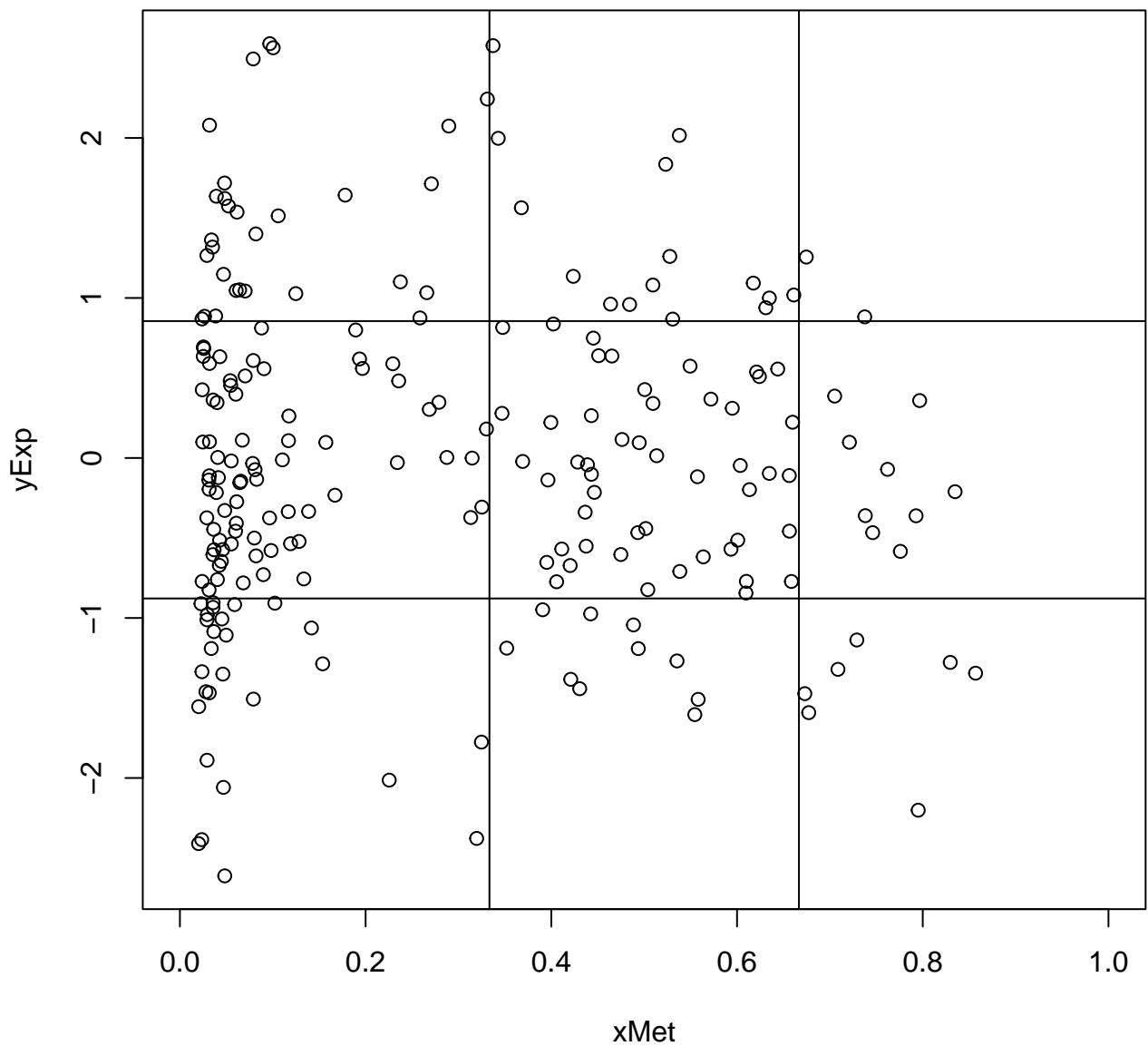
GJB5, 113.4



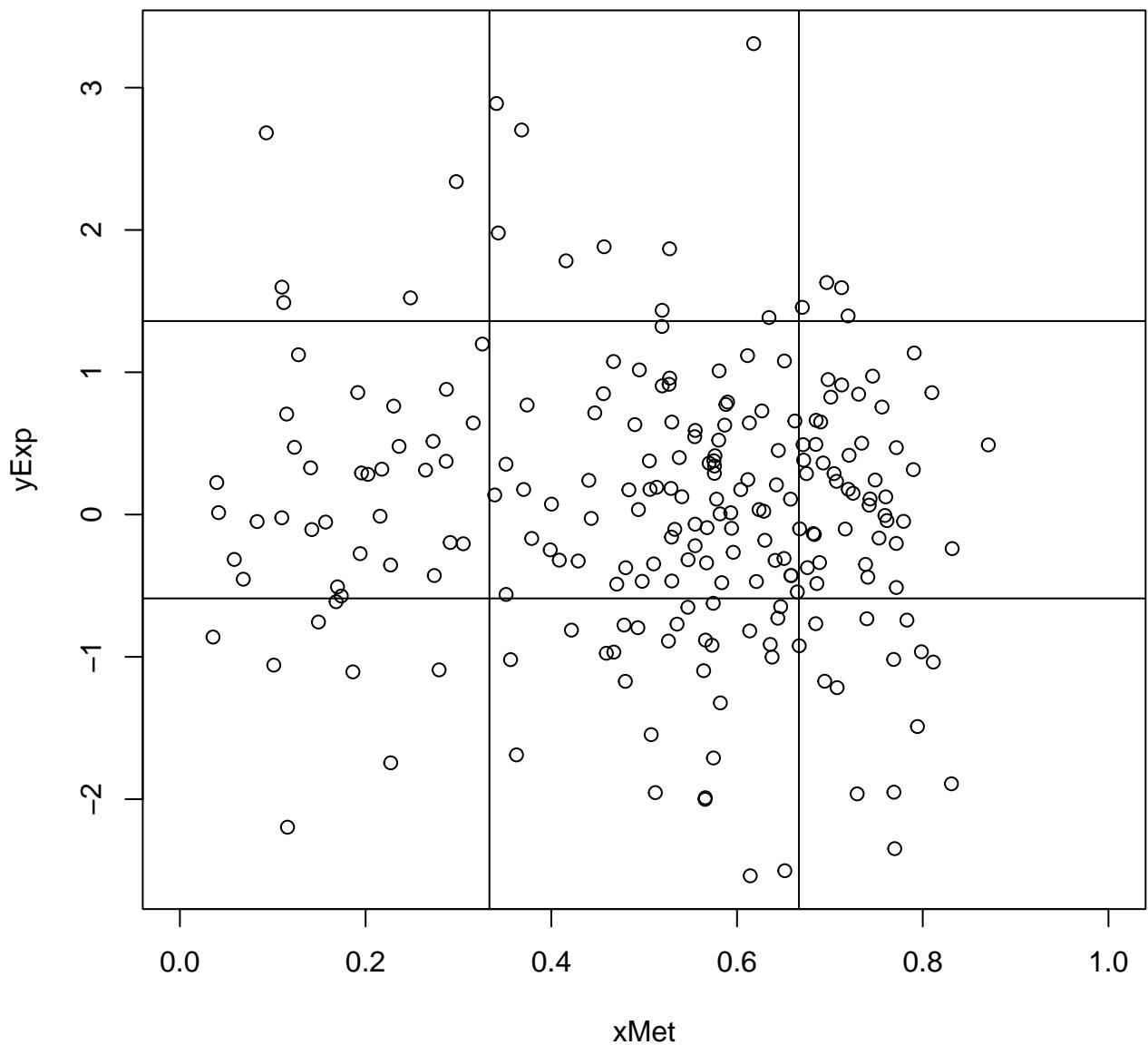
GLDC, 202



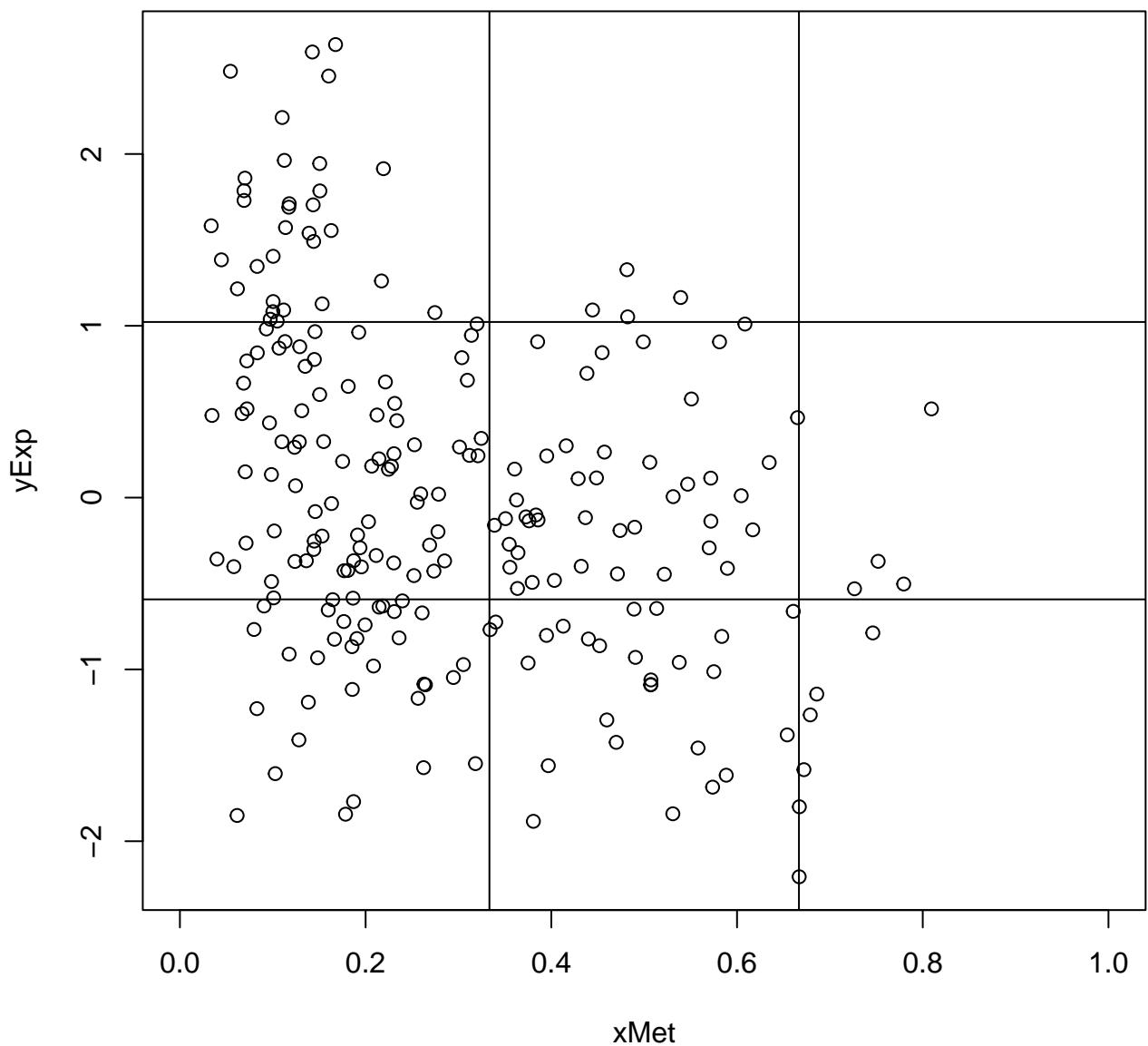
GLI3, 46.8



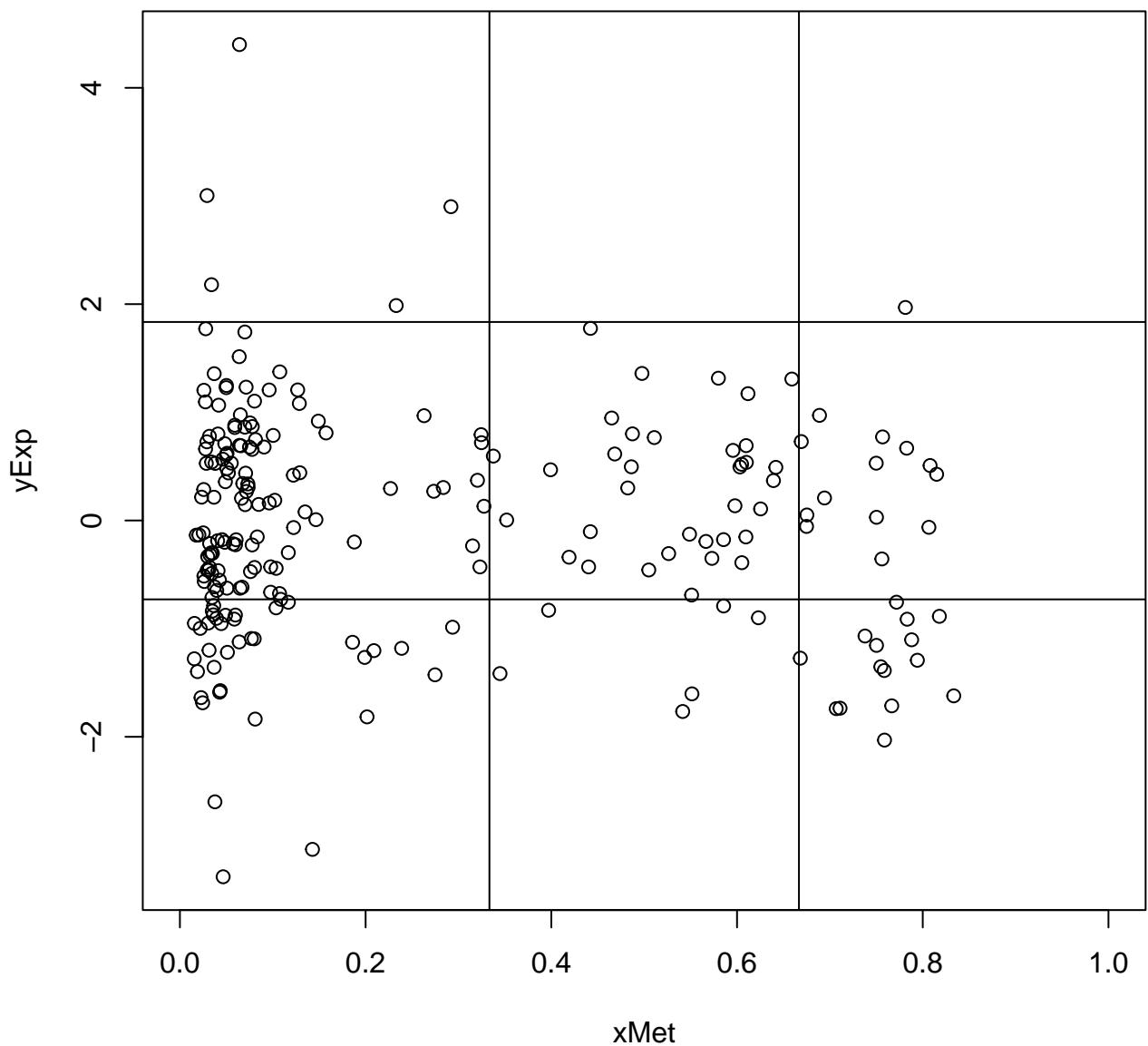
GLP1R, -178.4



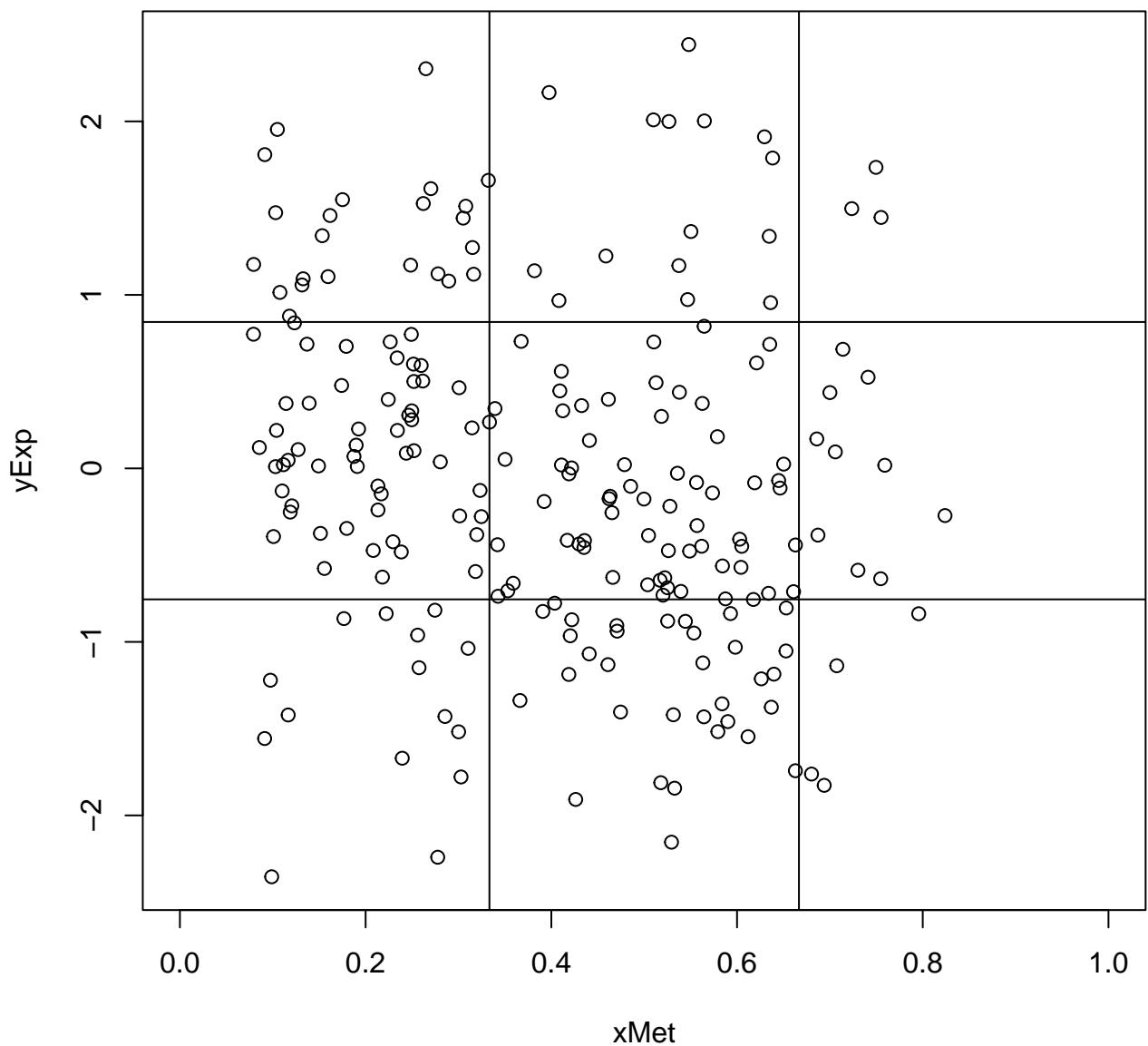
GNA15, 194



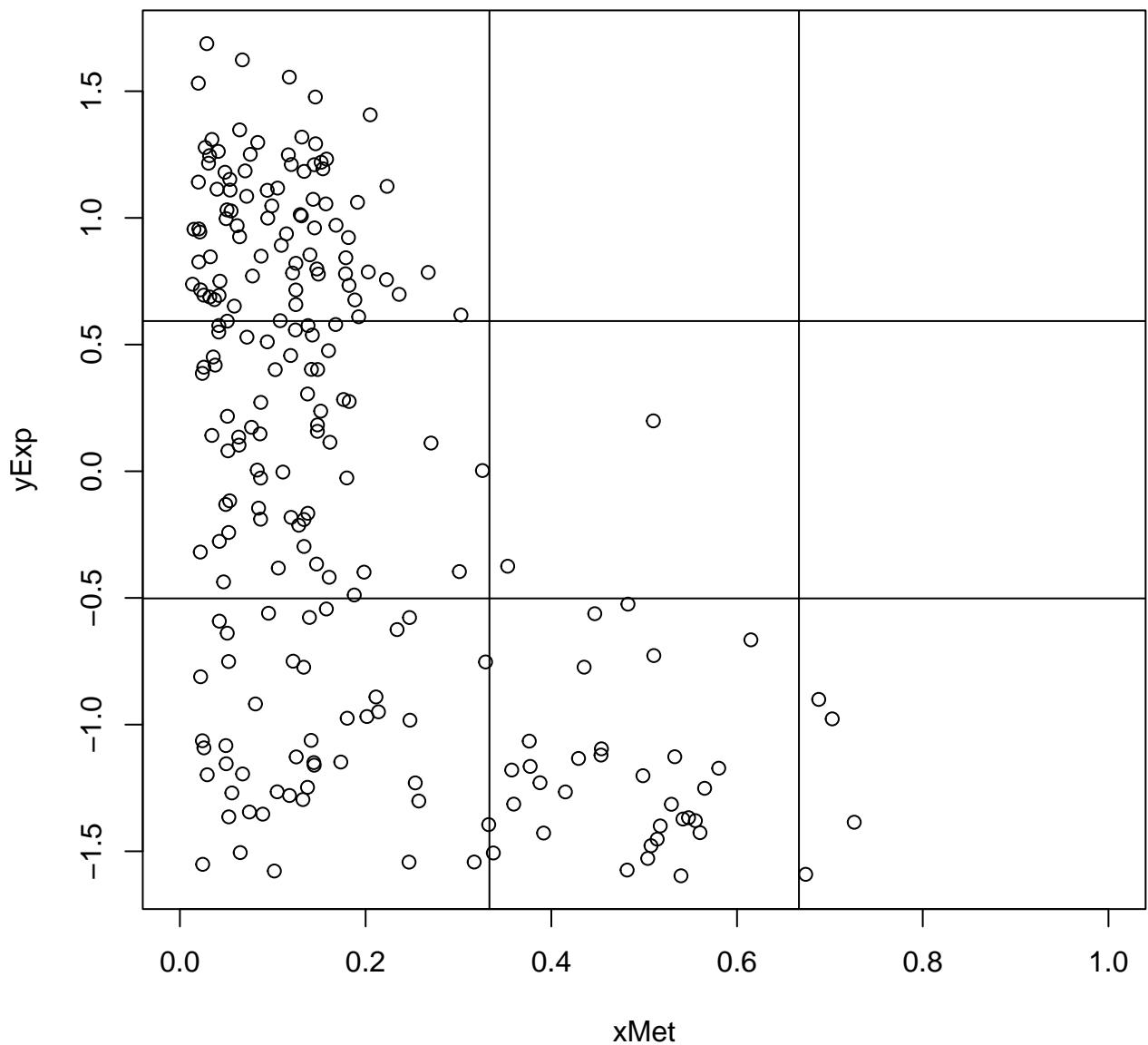
GNAO1, 123.4



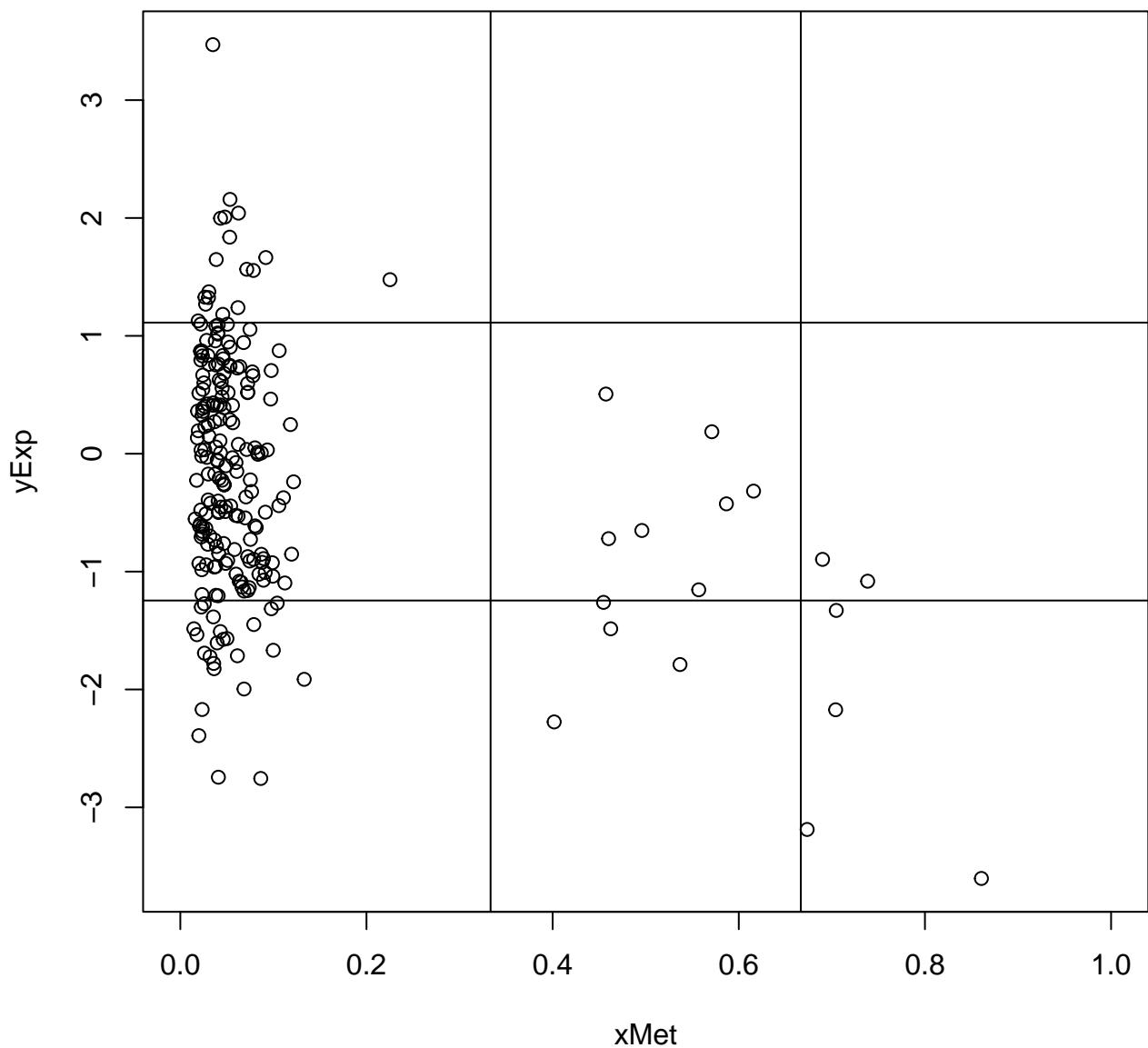
GNAZ, -26.8



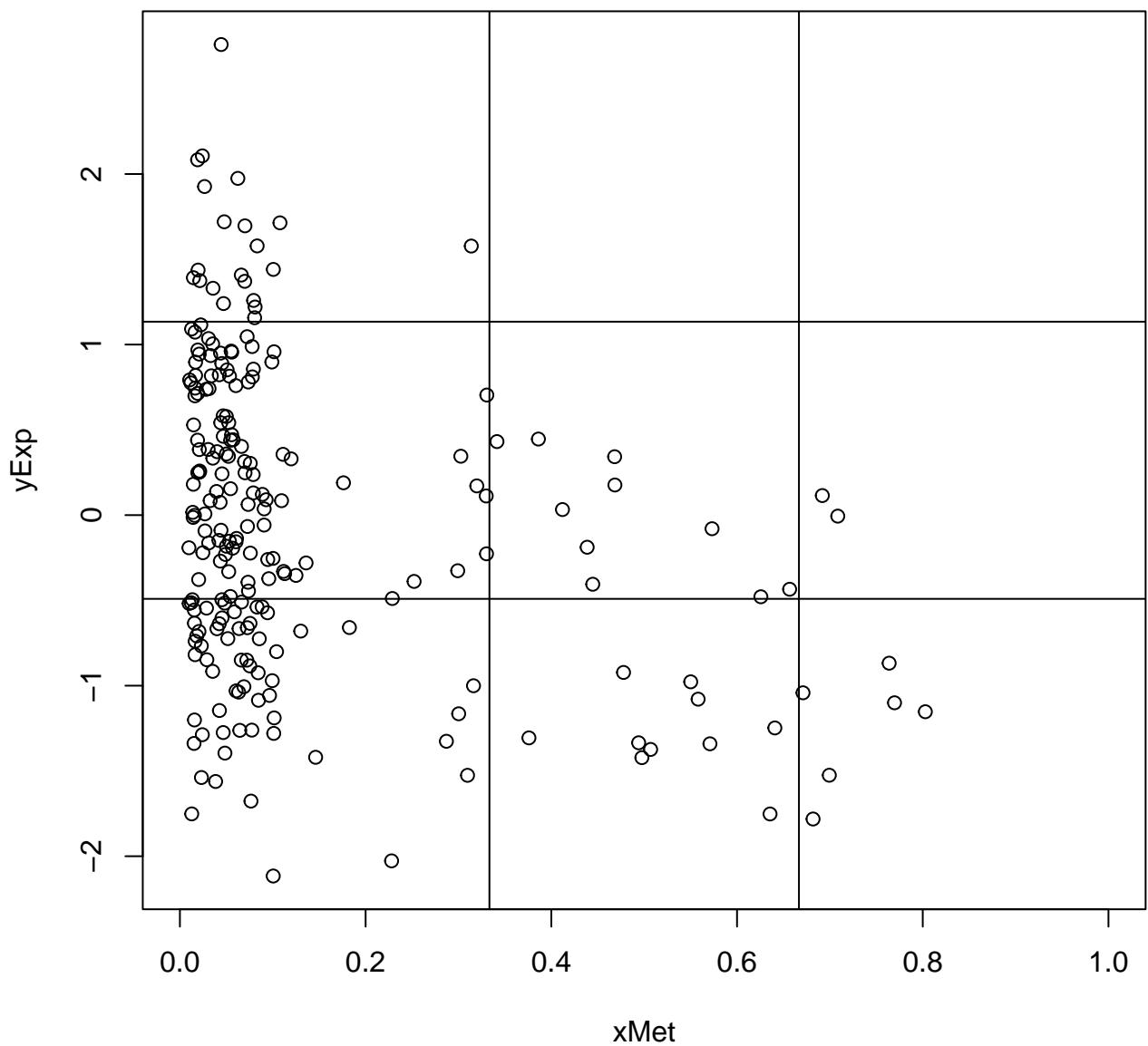
GNG4, 308



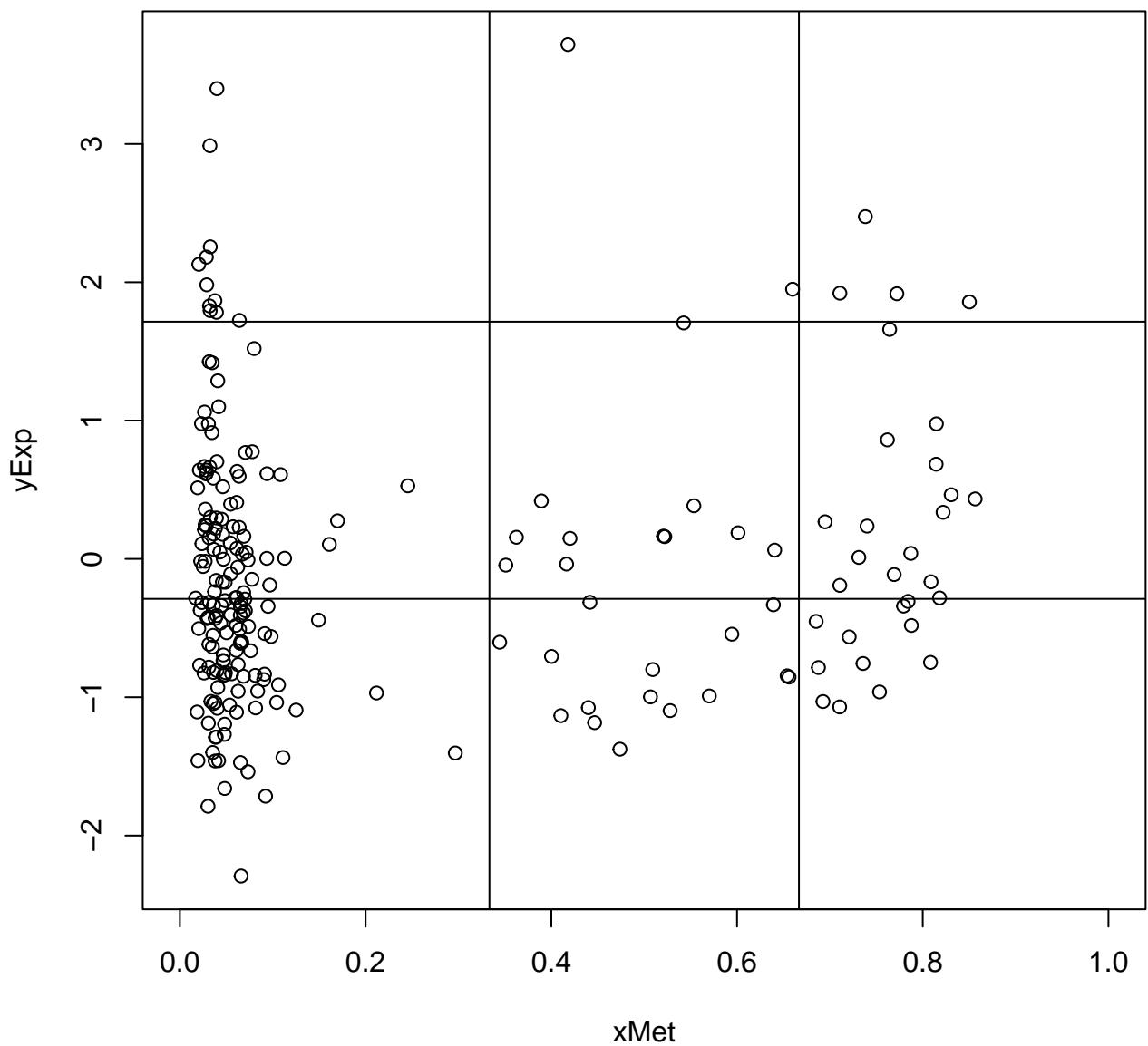
GNPDA2, 232



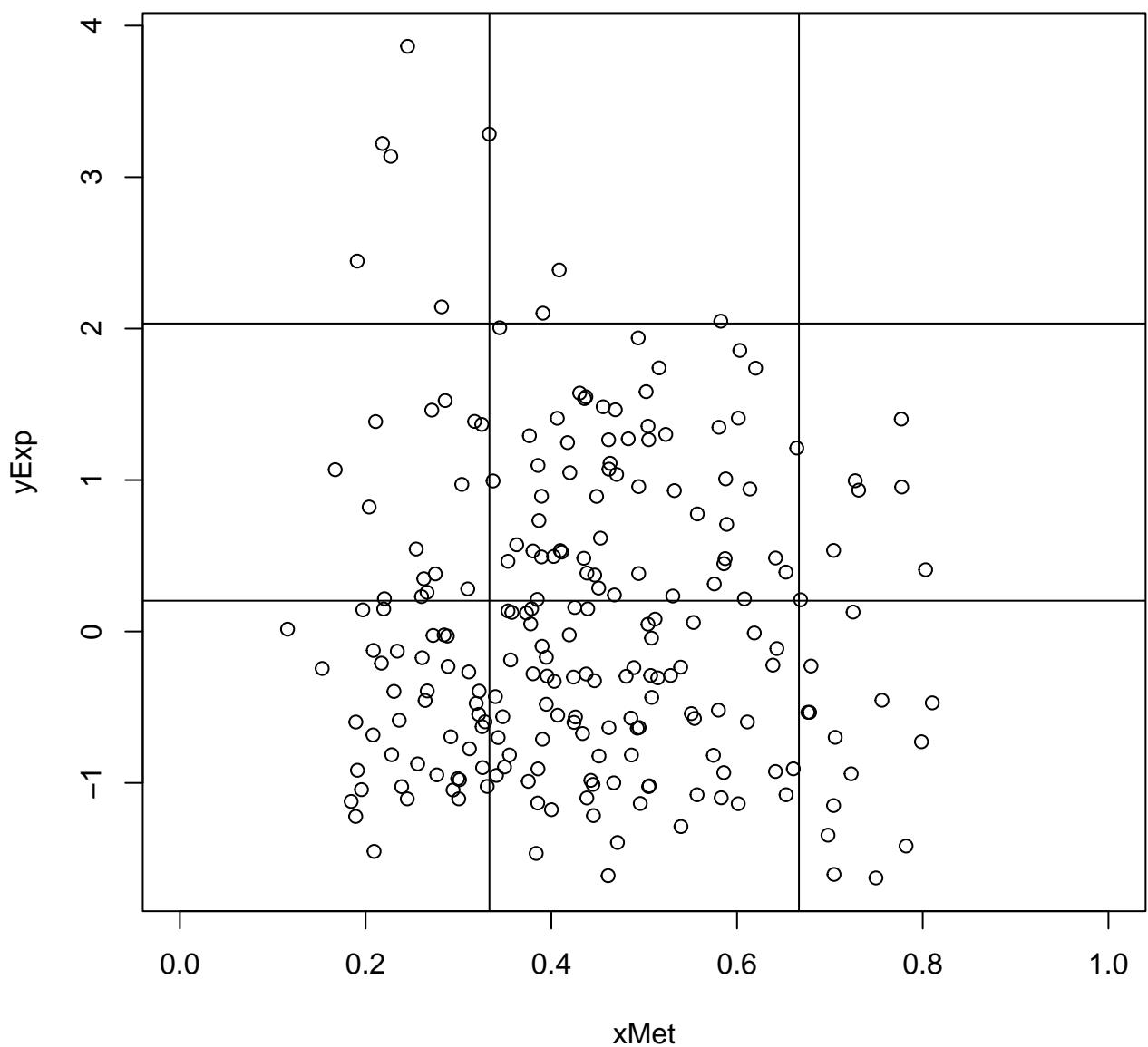
GPER1, 234



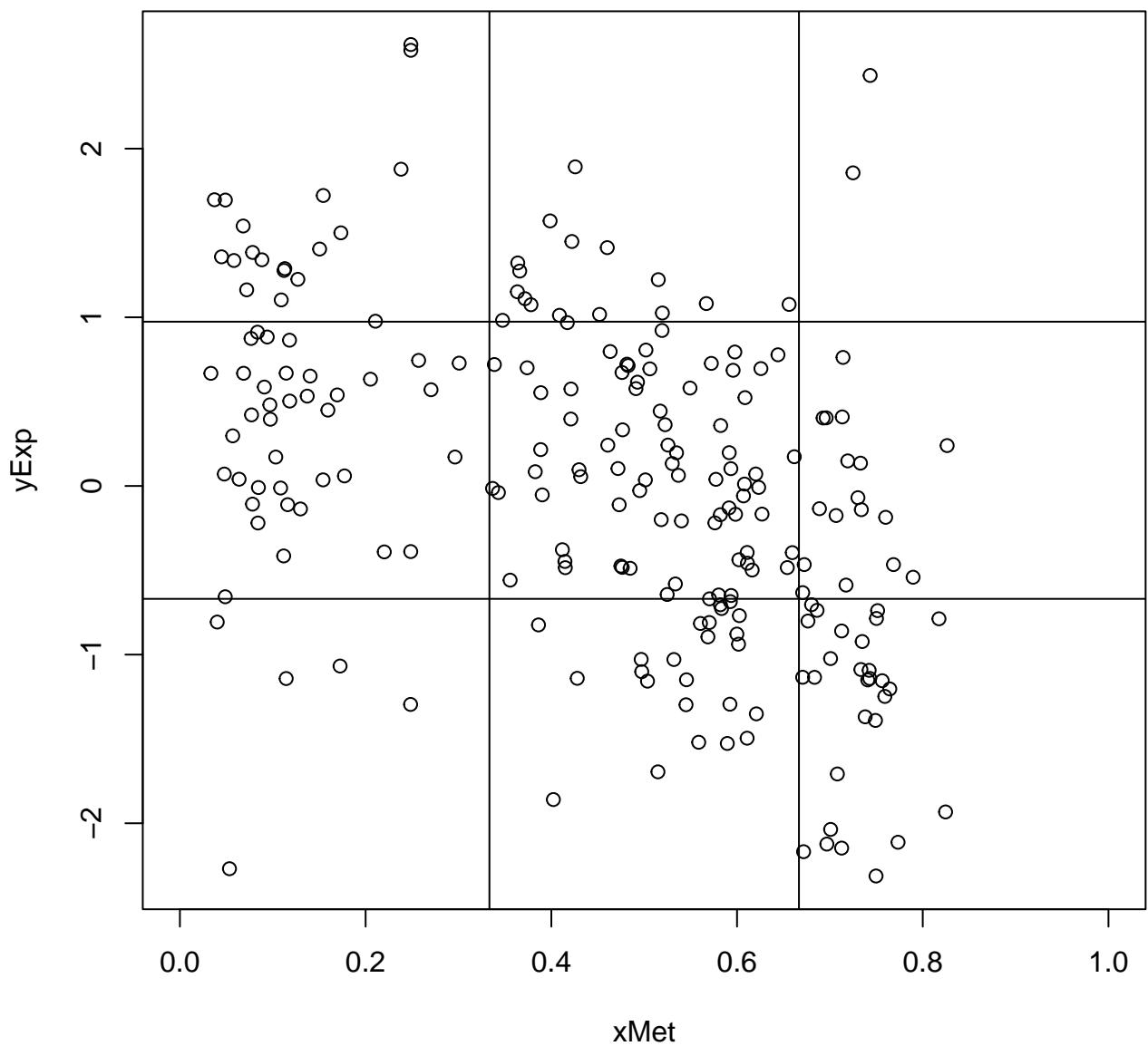
GPR150, 0.5999999999999994



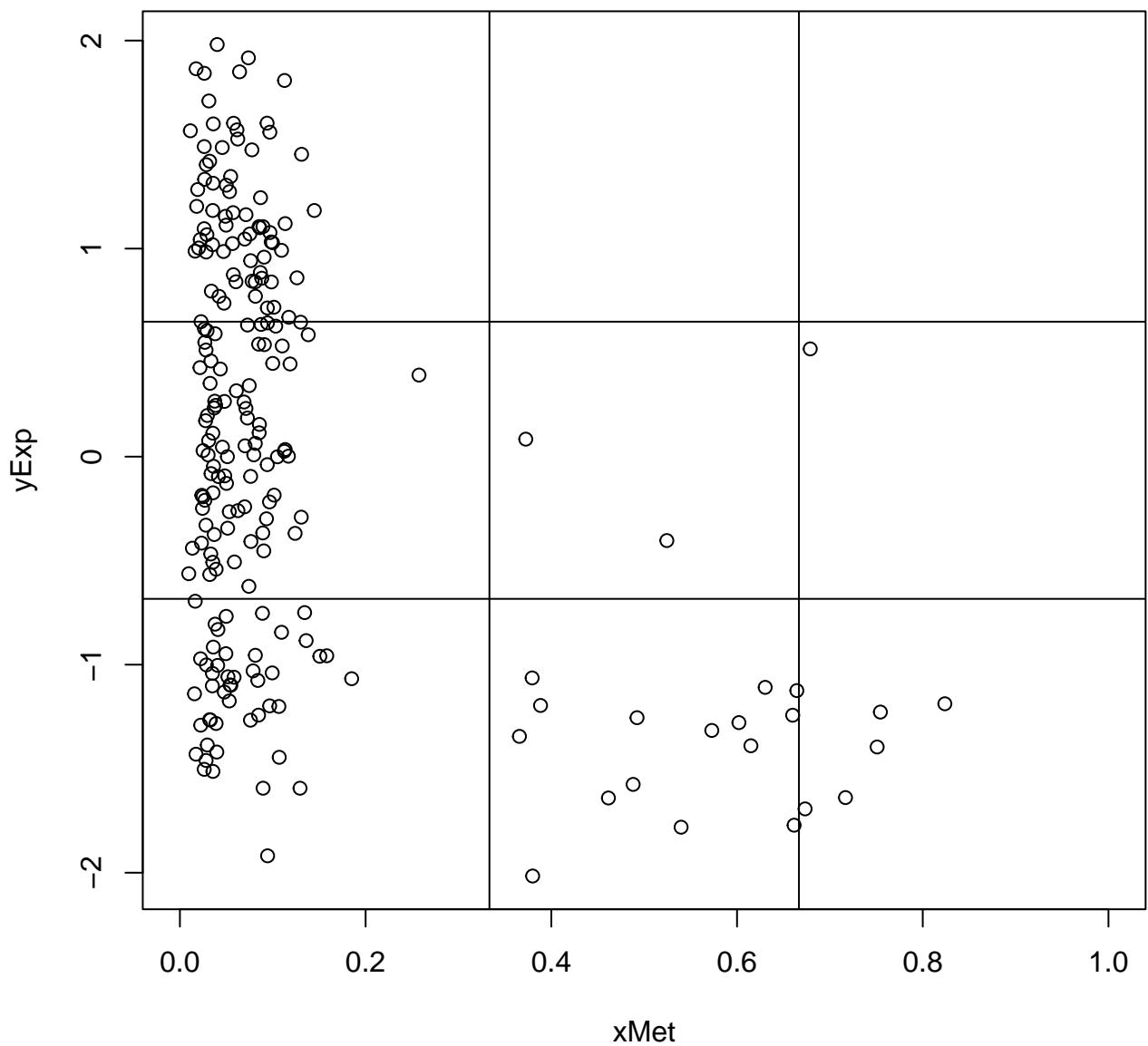
GPR84, 154



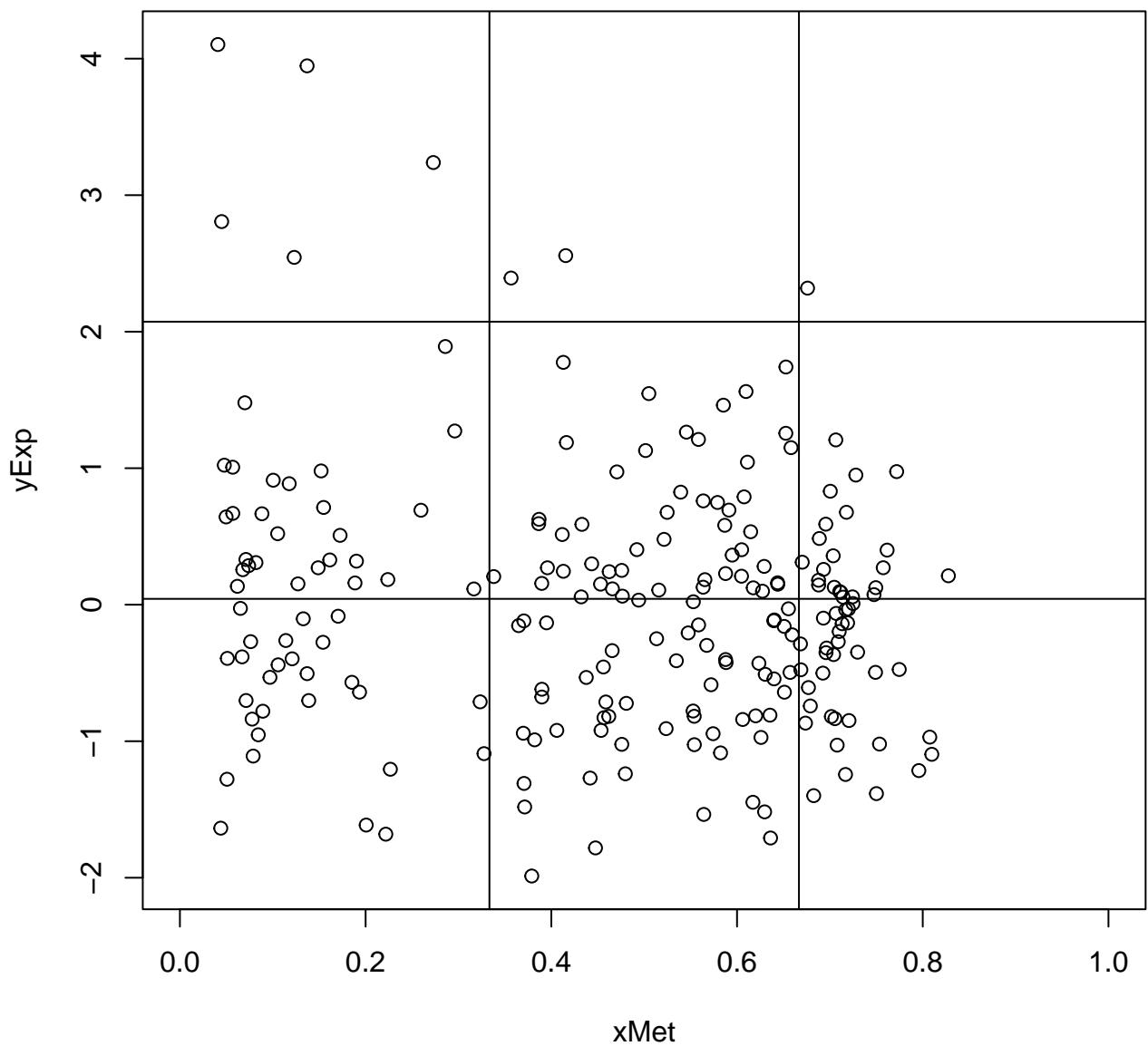
GPX7, 4.8



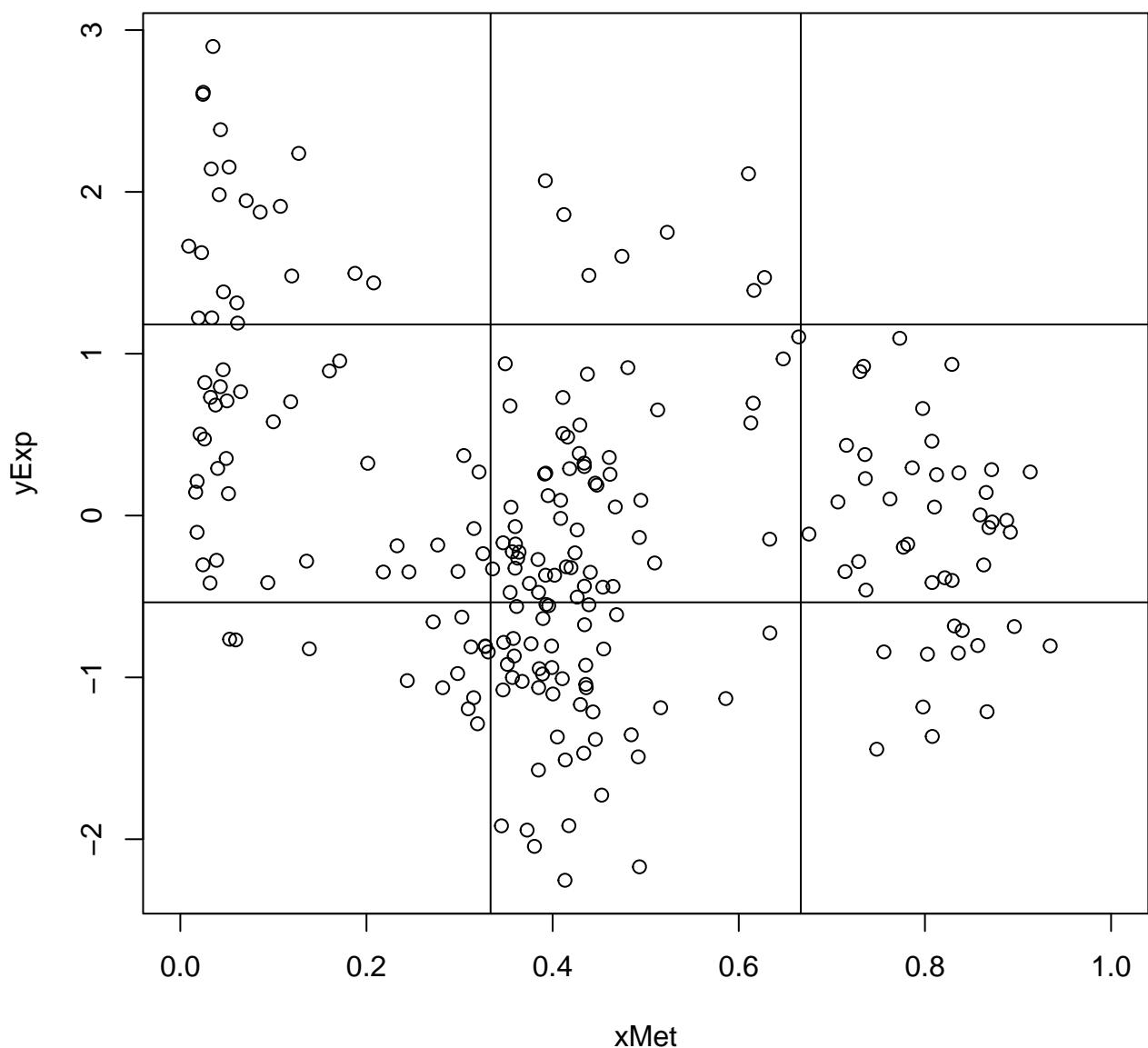
GRB14, 294



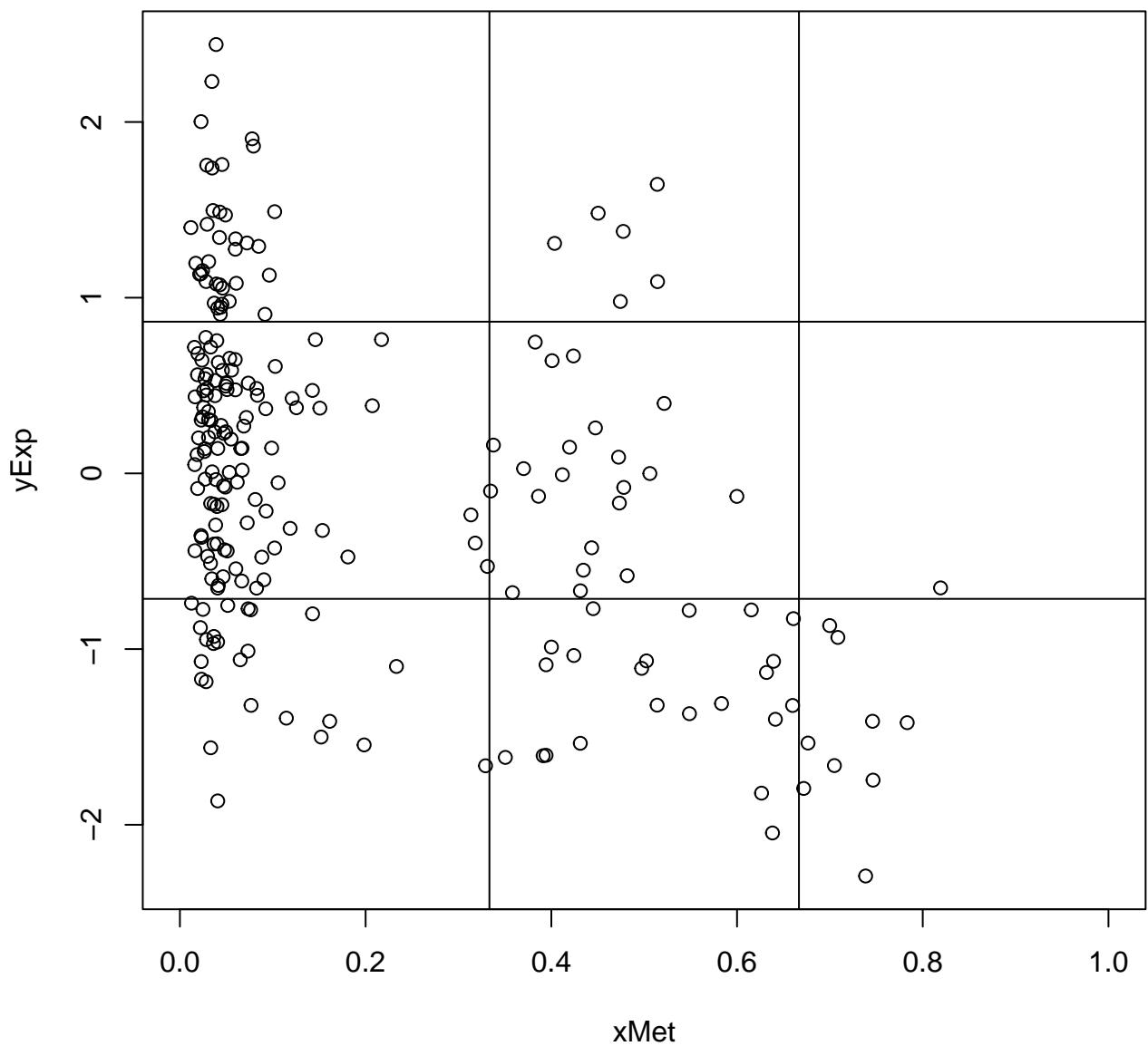
GSC, 92.4



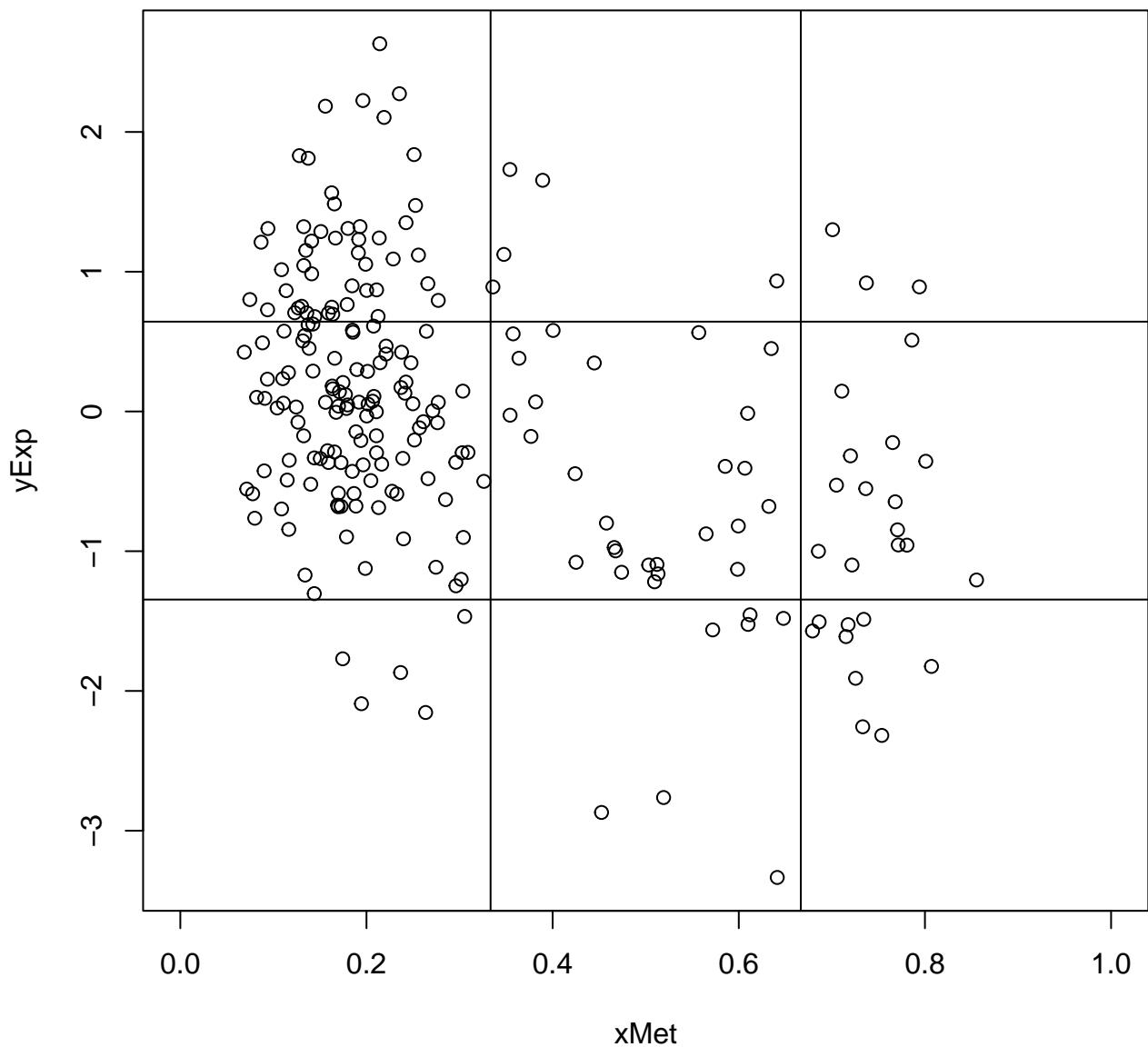
GSTM1, 78



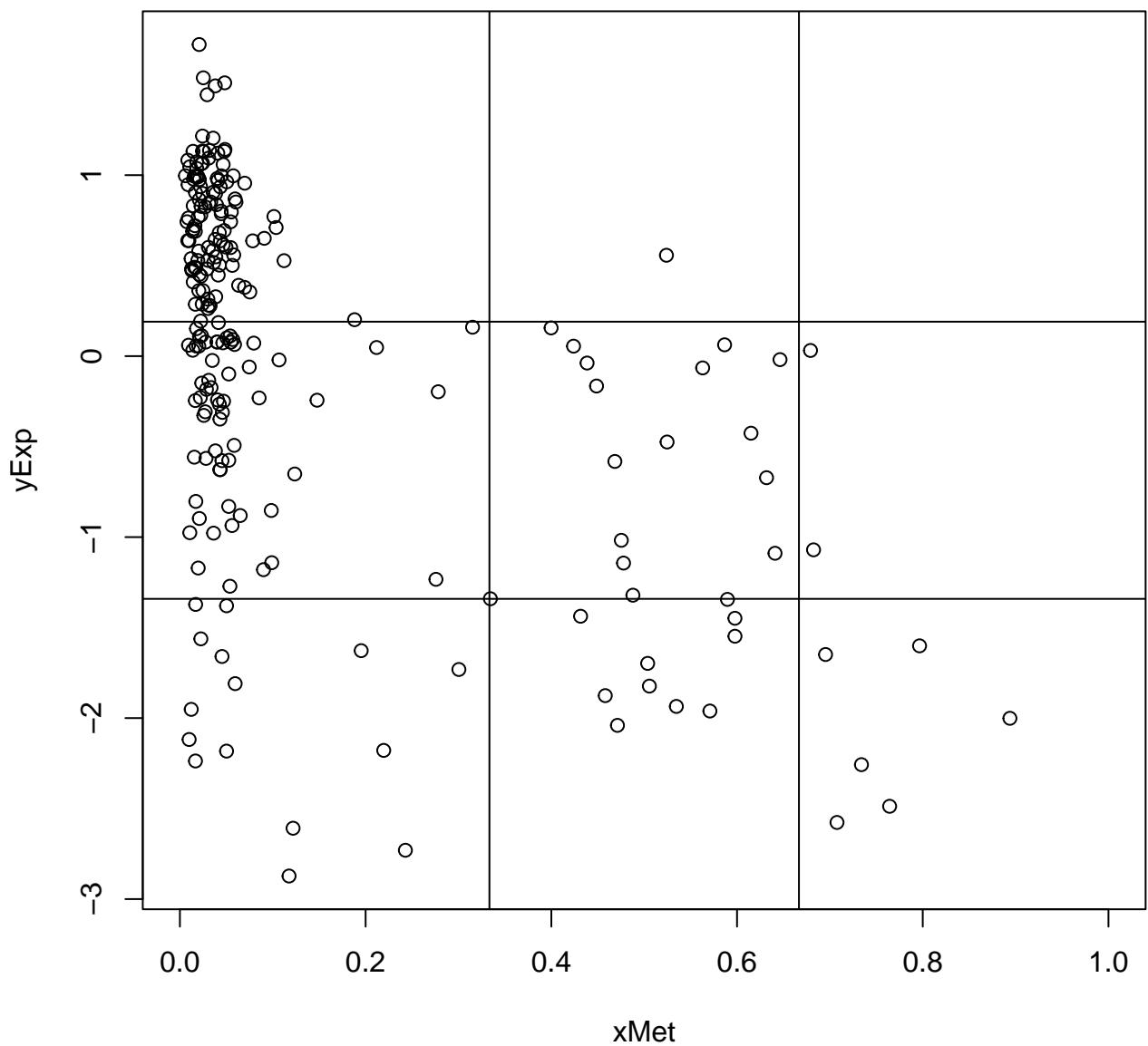
GSTM3, 227



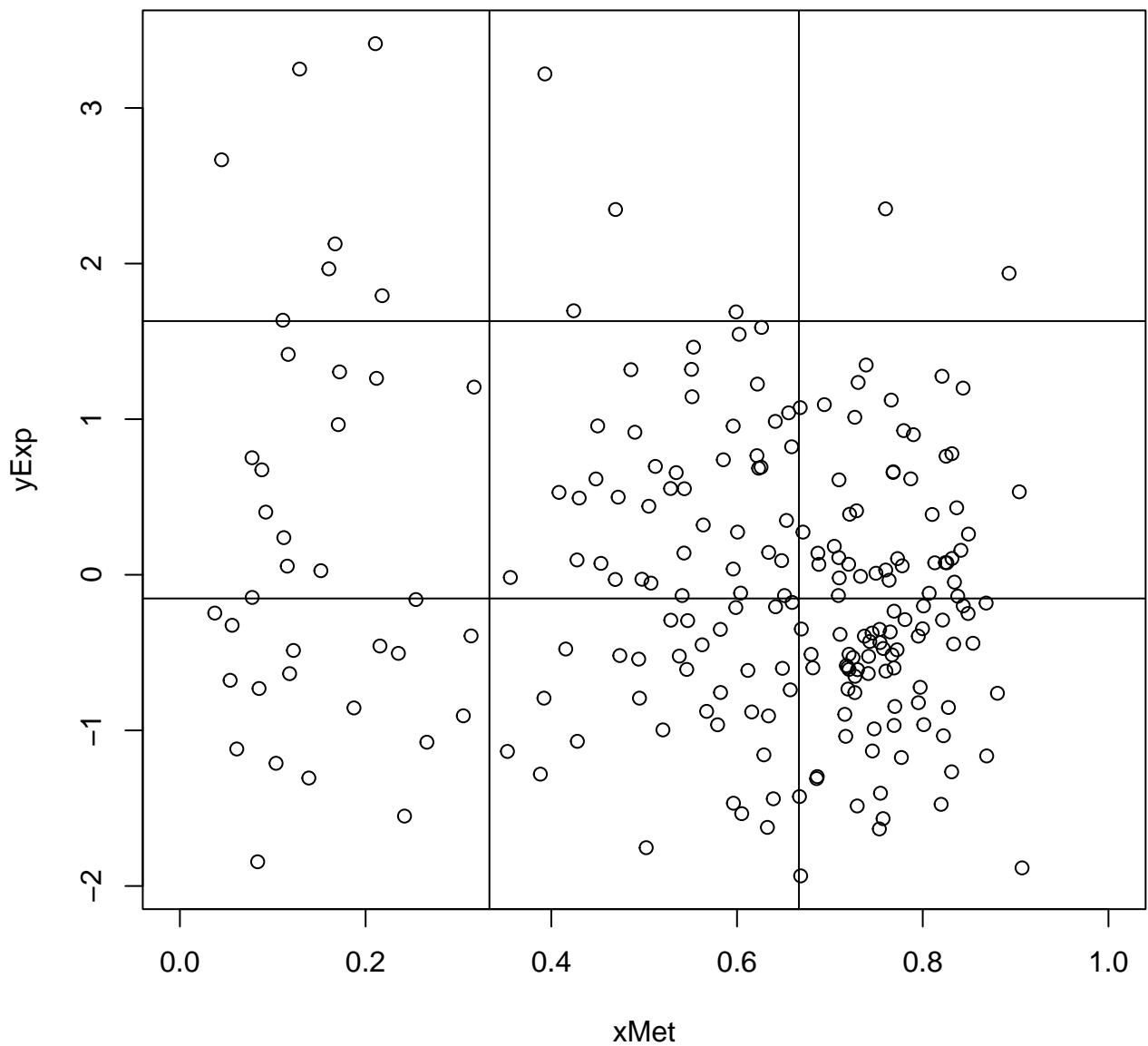
H1F0, 60.2



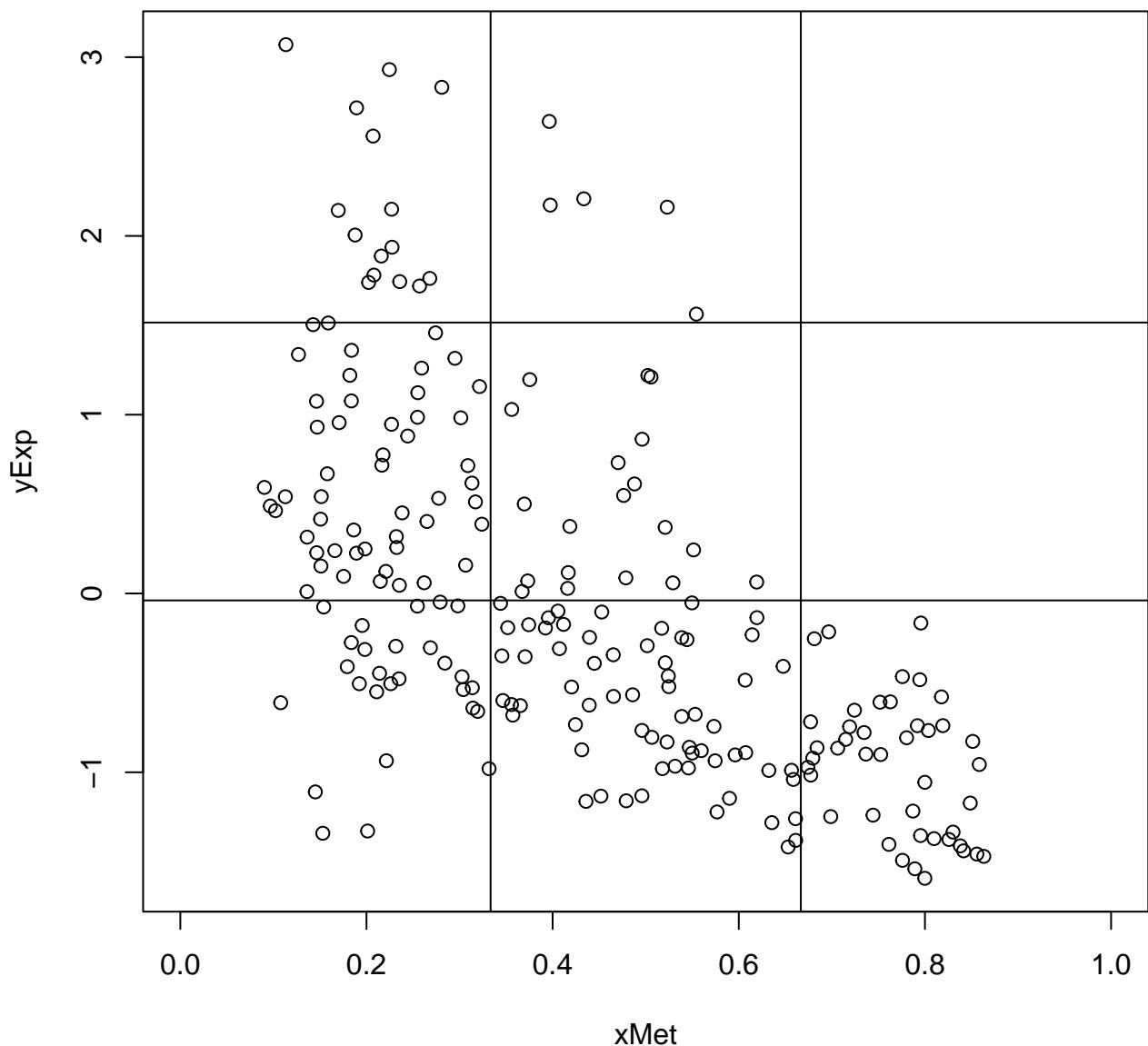
H2AFY2, 315



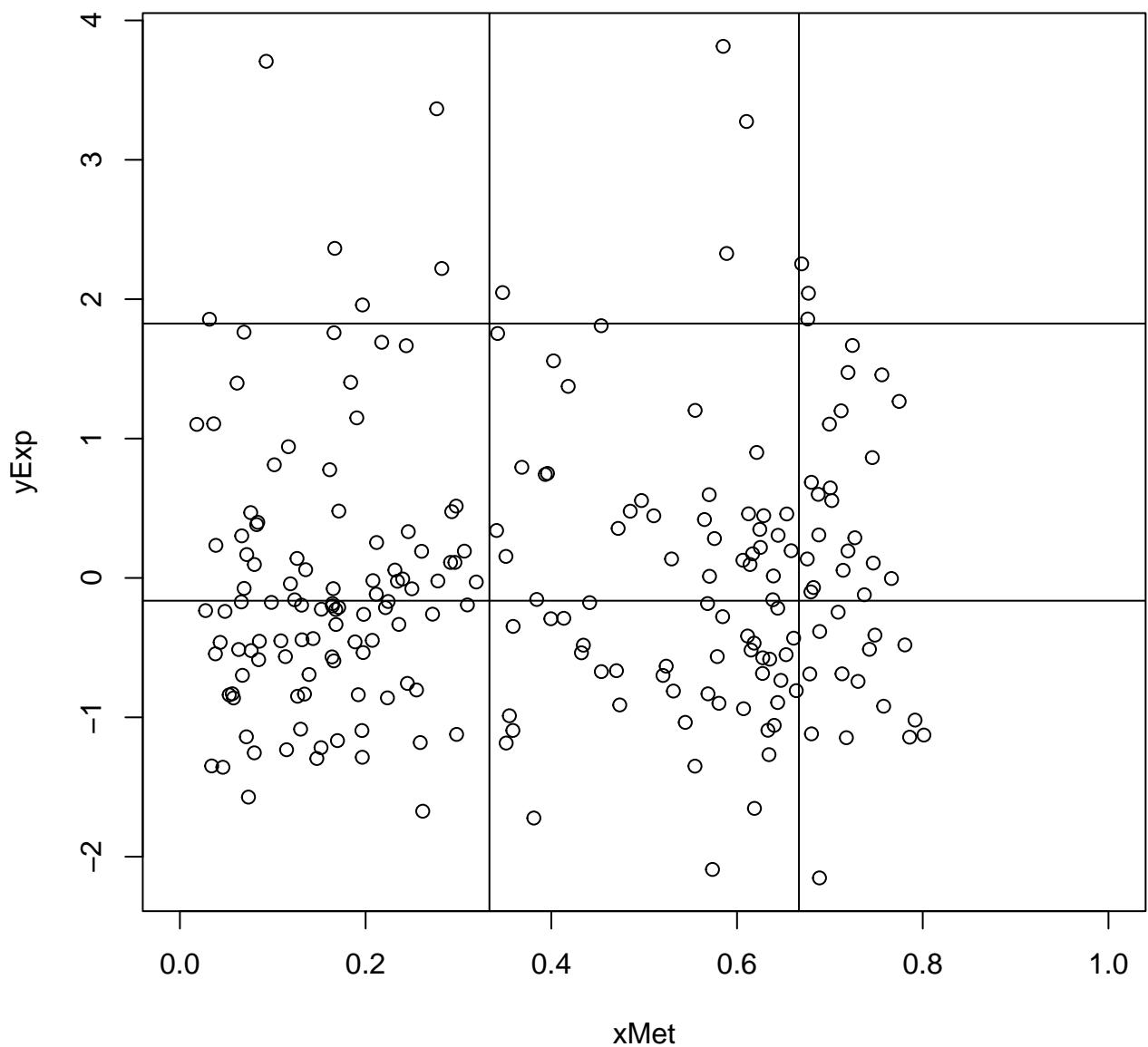
HBQ1, 14.8



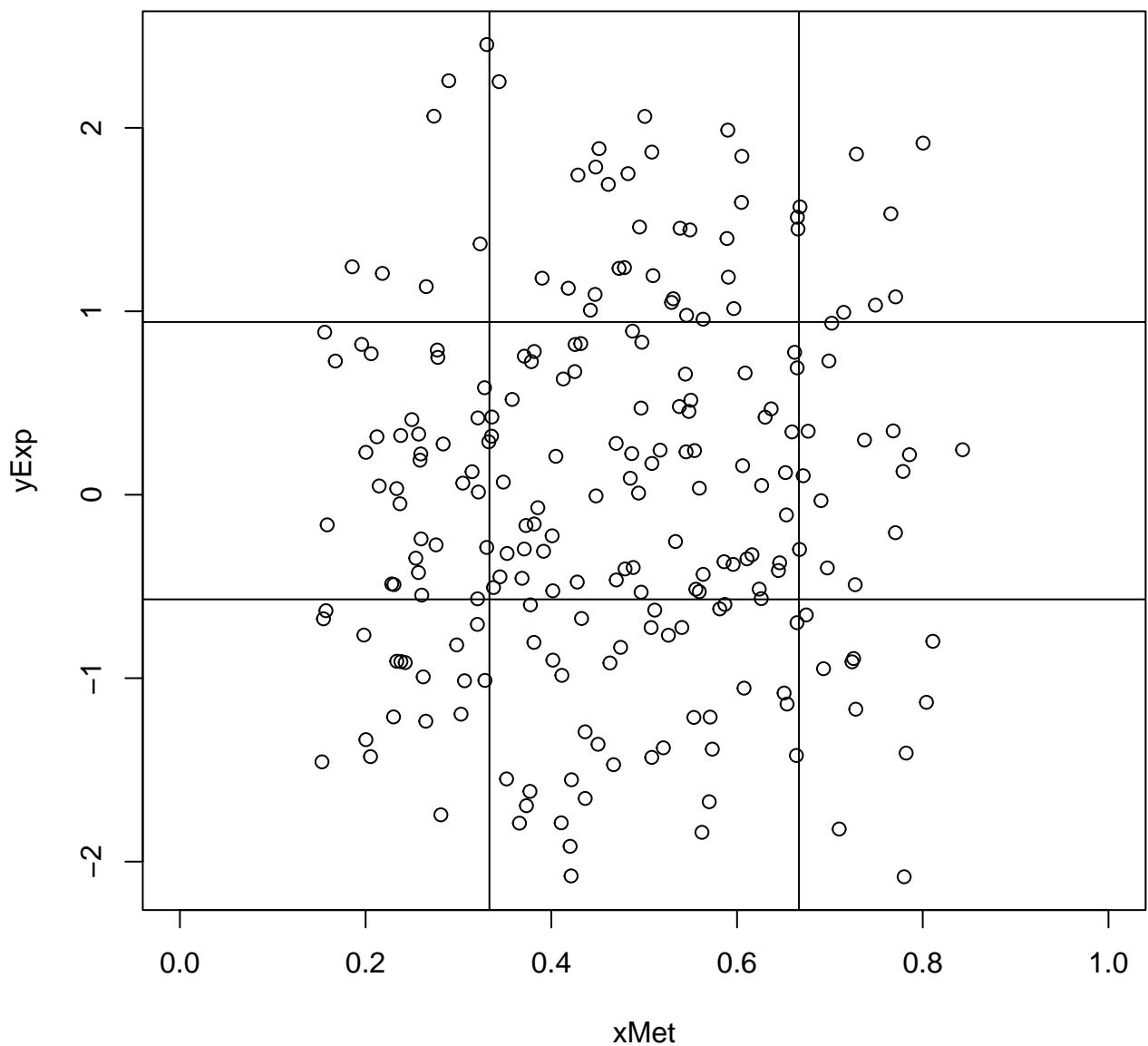
HCAR1, 247



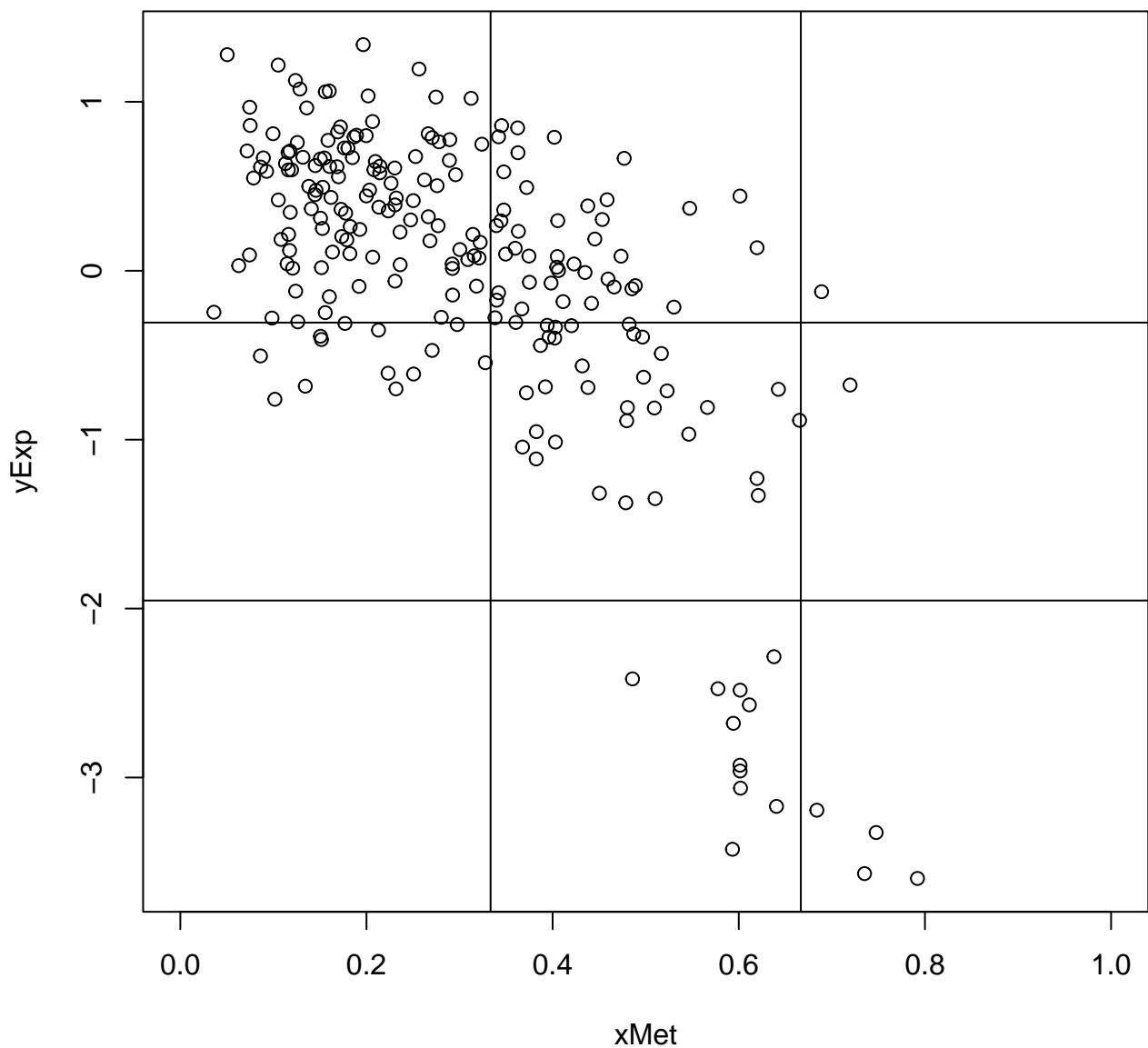
HCN4, -0.8000000000000011



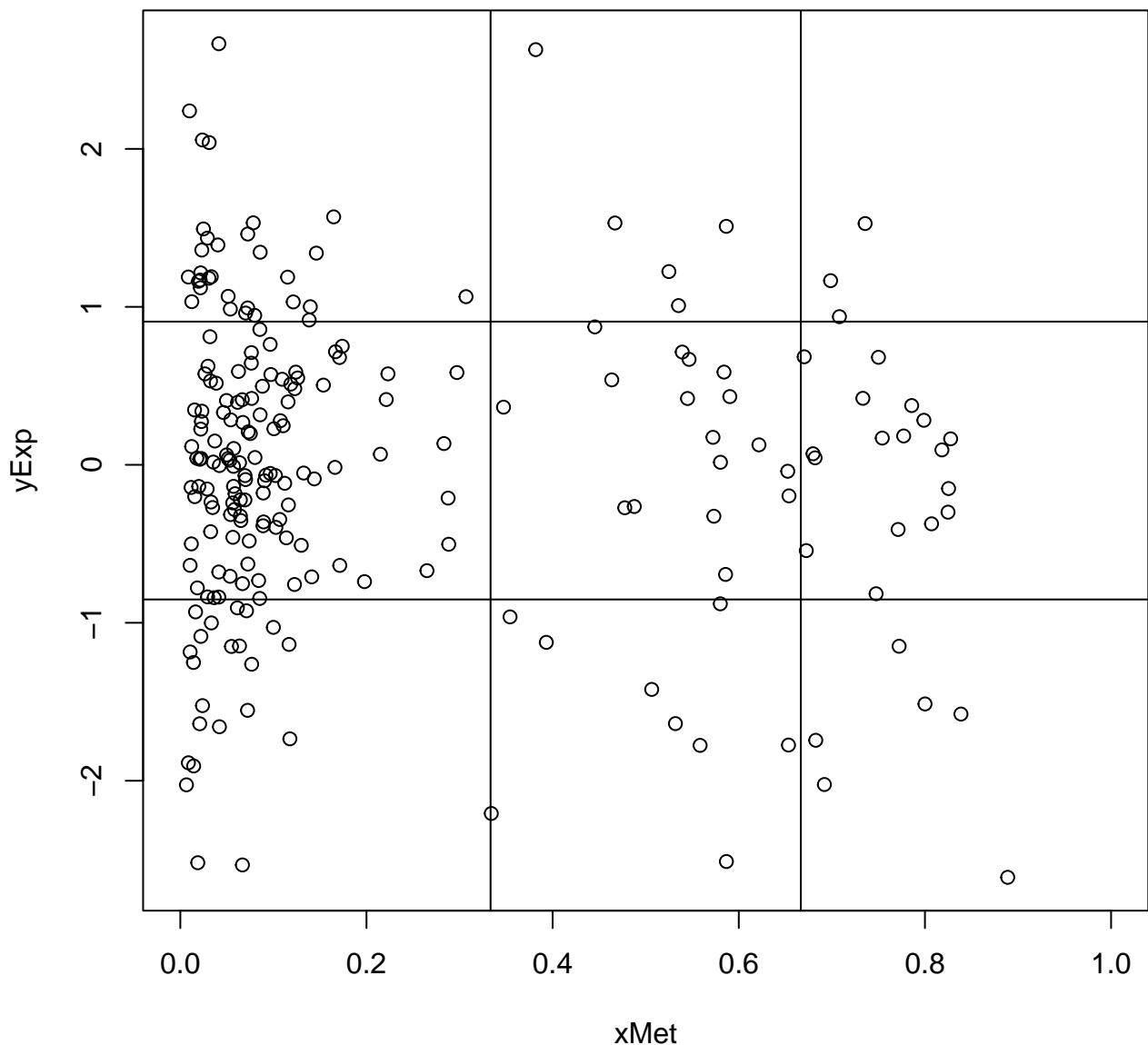
HDC, -278.2



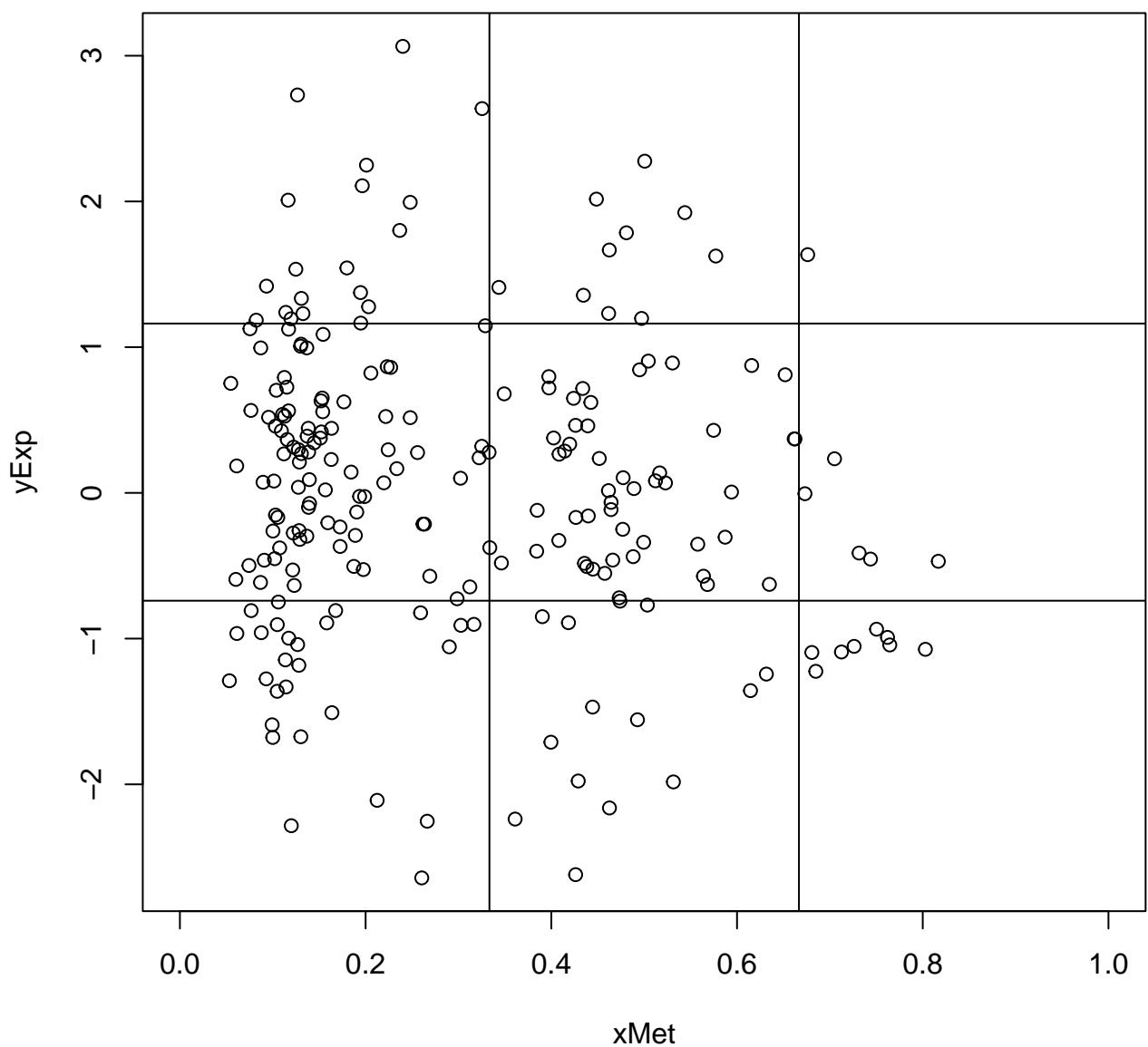
HENMT1, 135.4



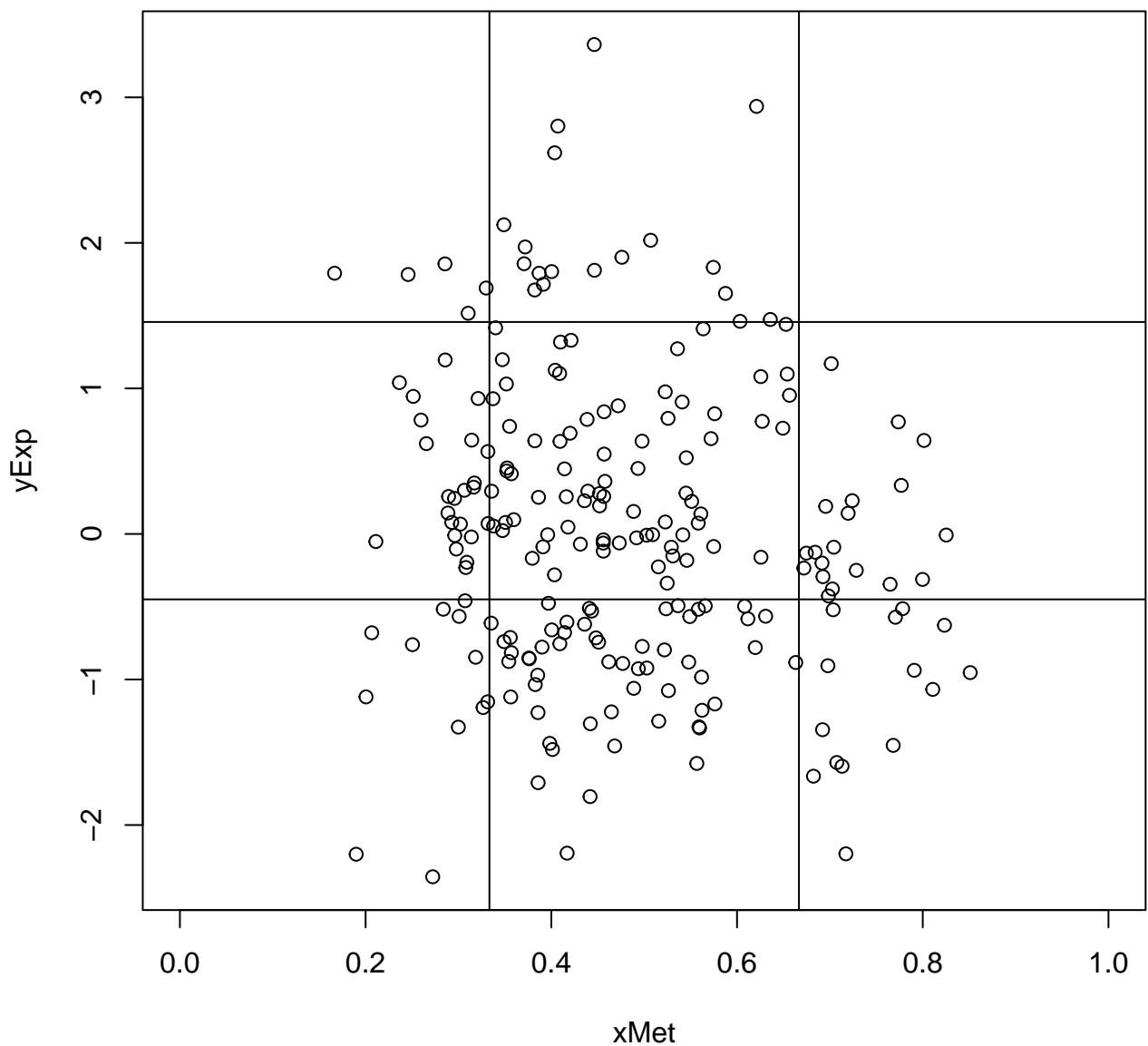
HEYL, 40.2



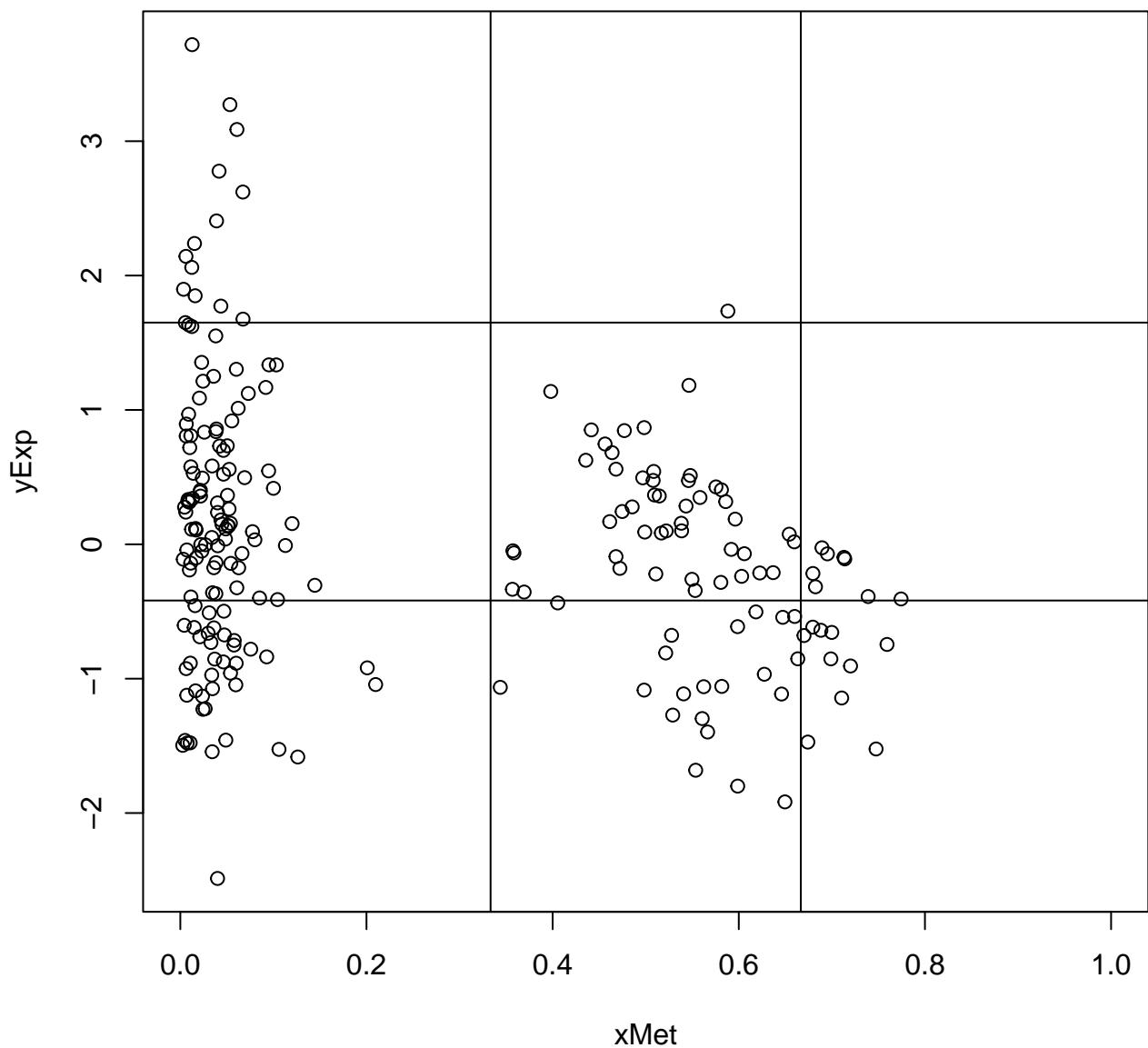
HGF, 108.4



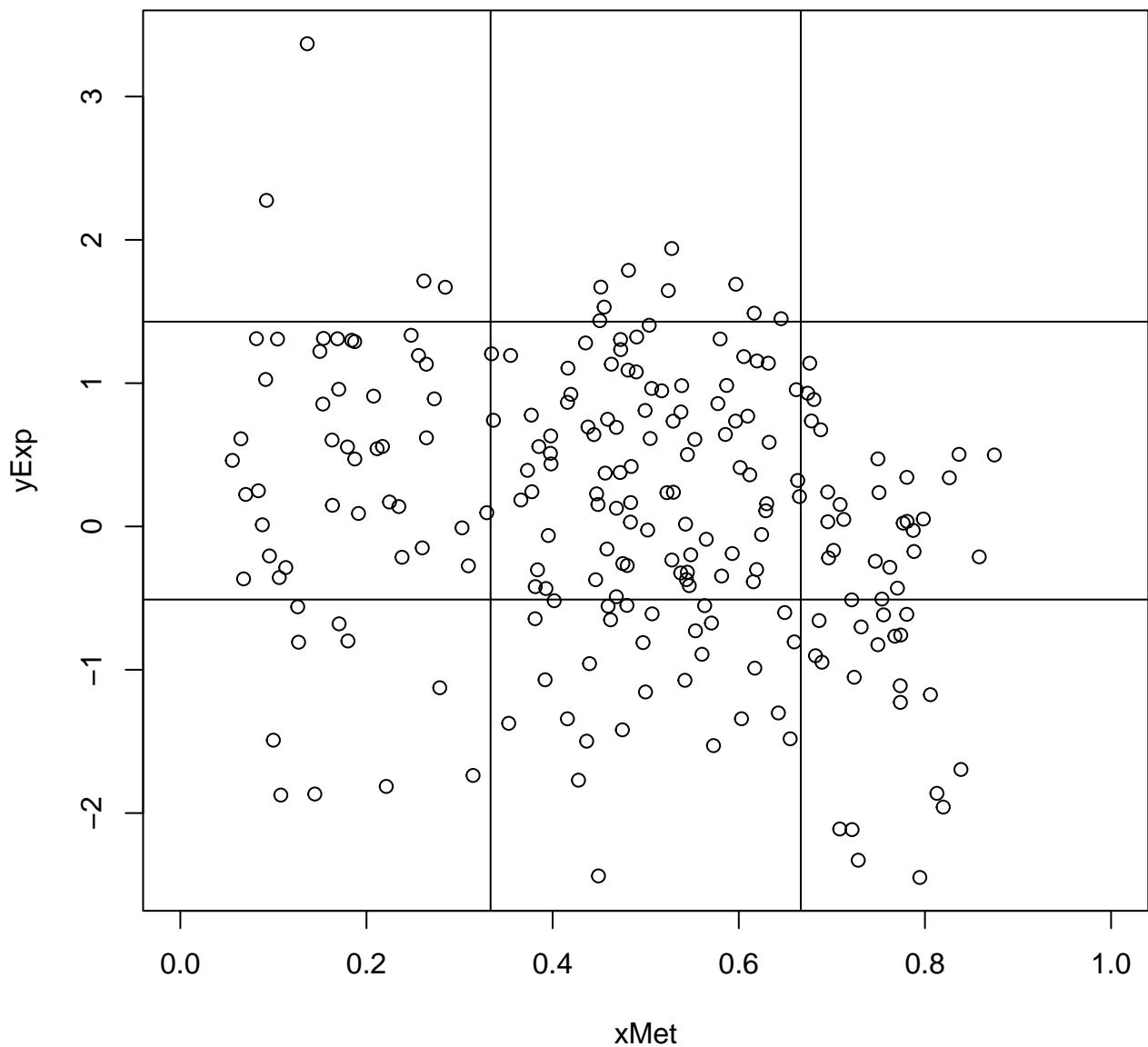
HHATL, 55



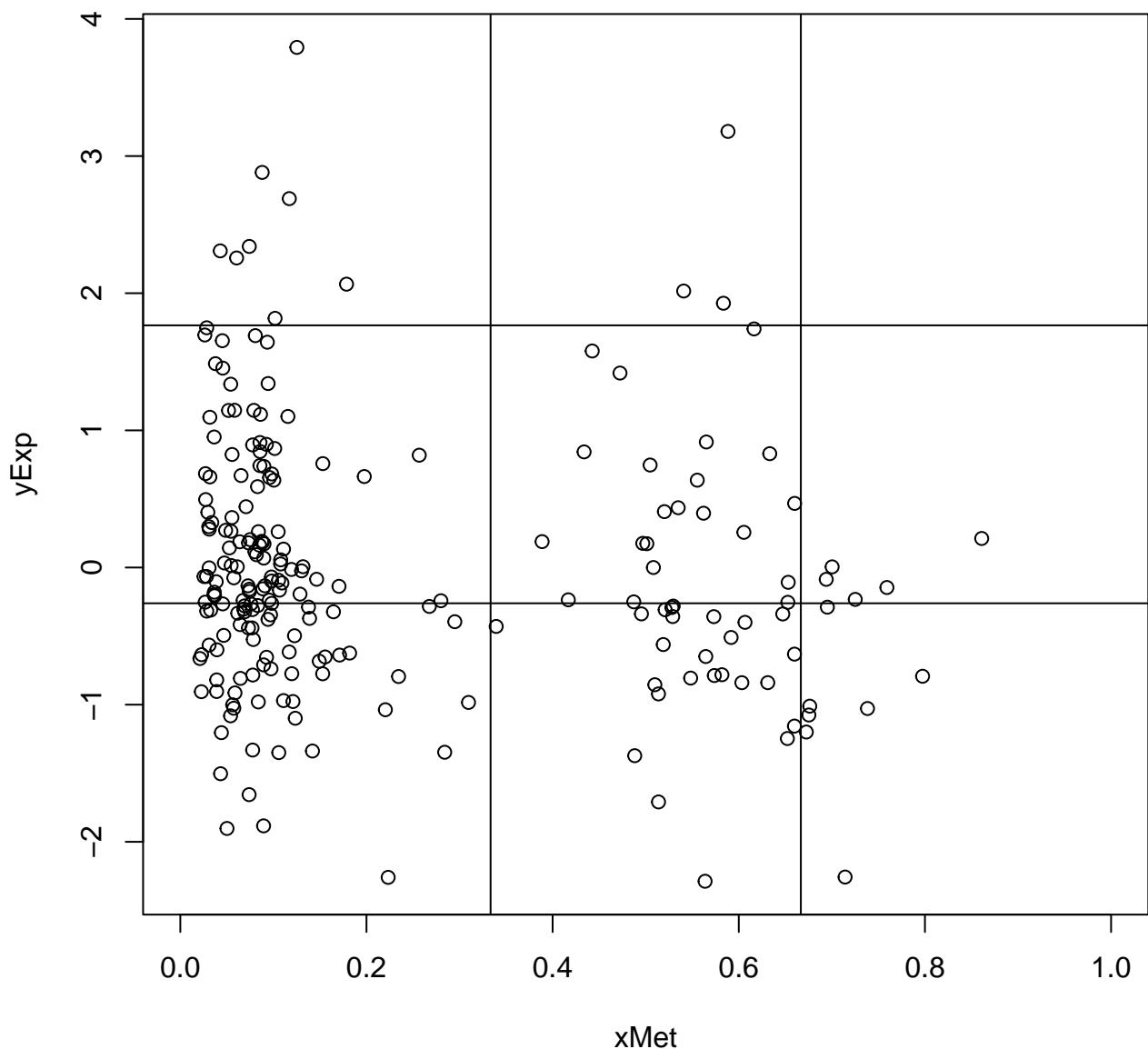
HHEX, 173



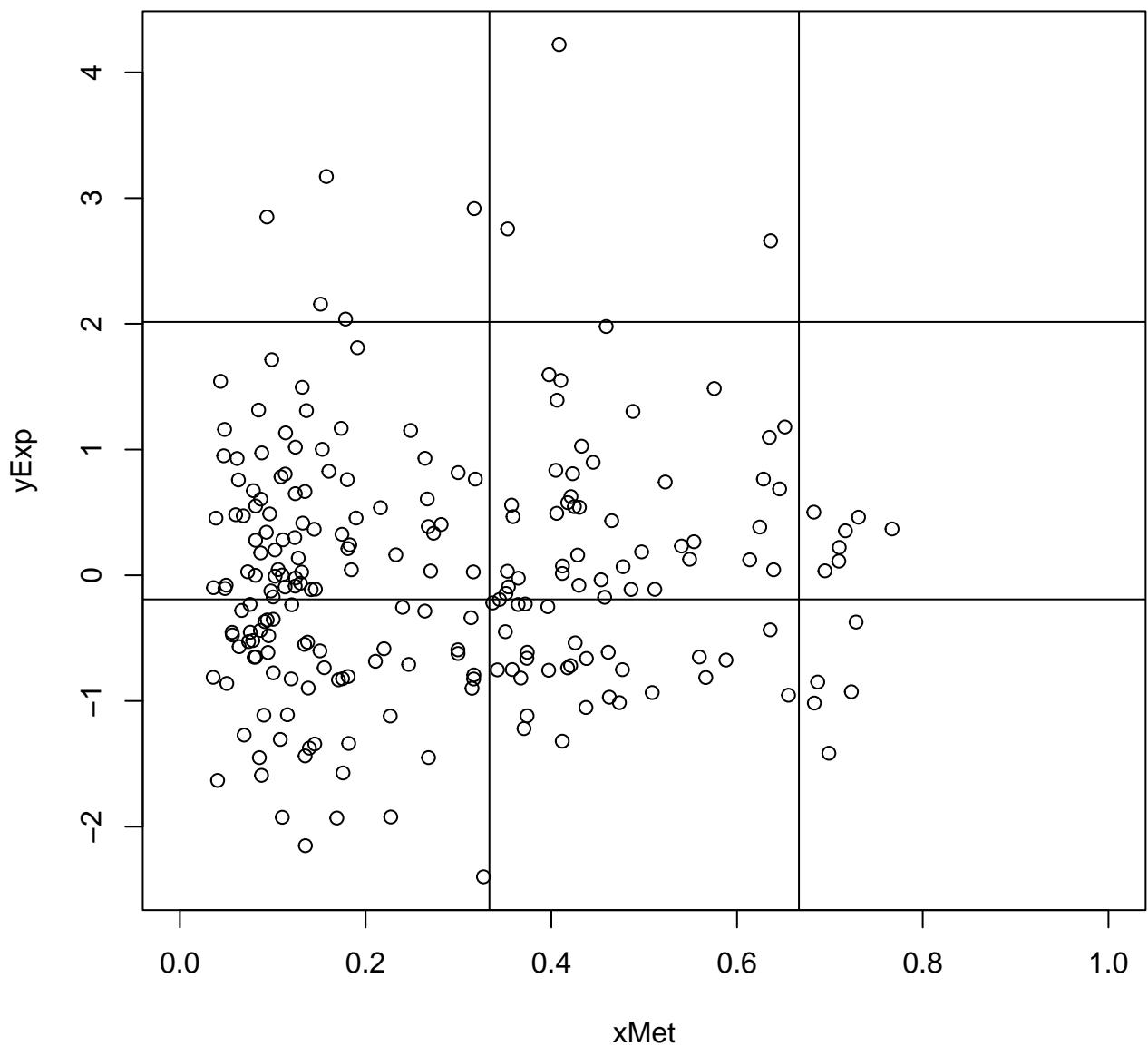
HHIP, 55



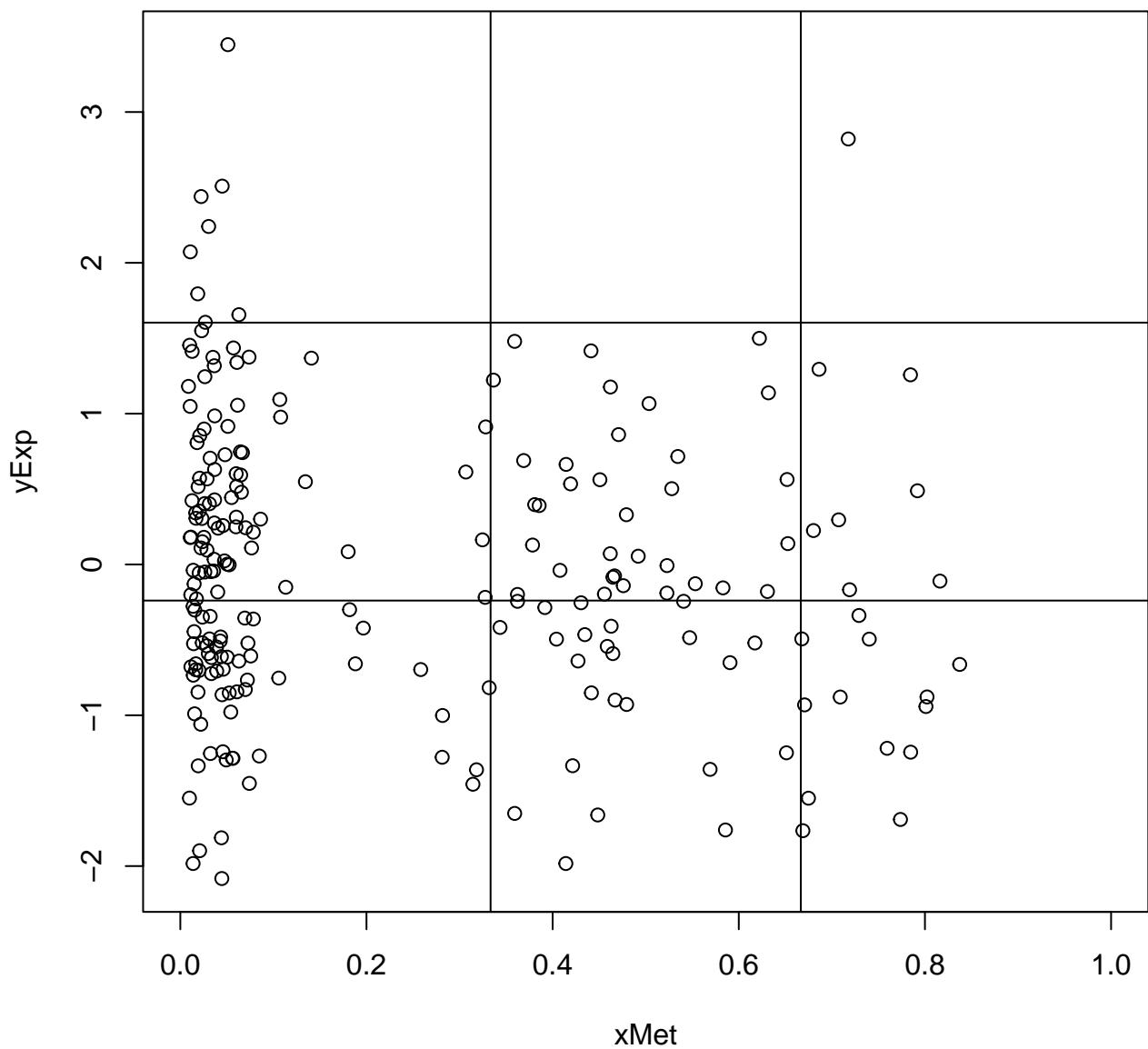
HIF3A, 193



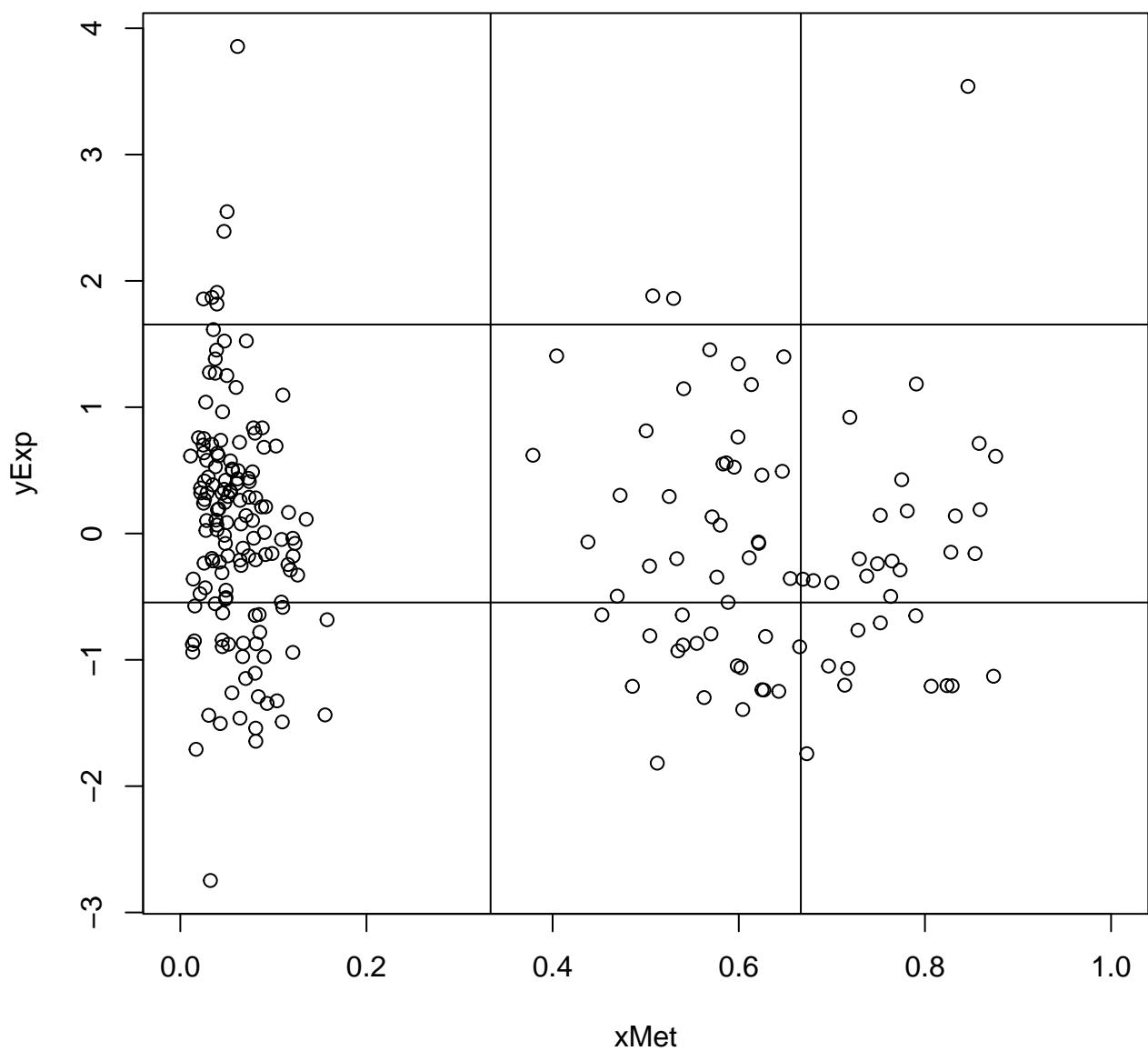
HIST1H2BE, 160



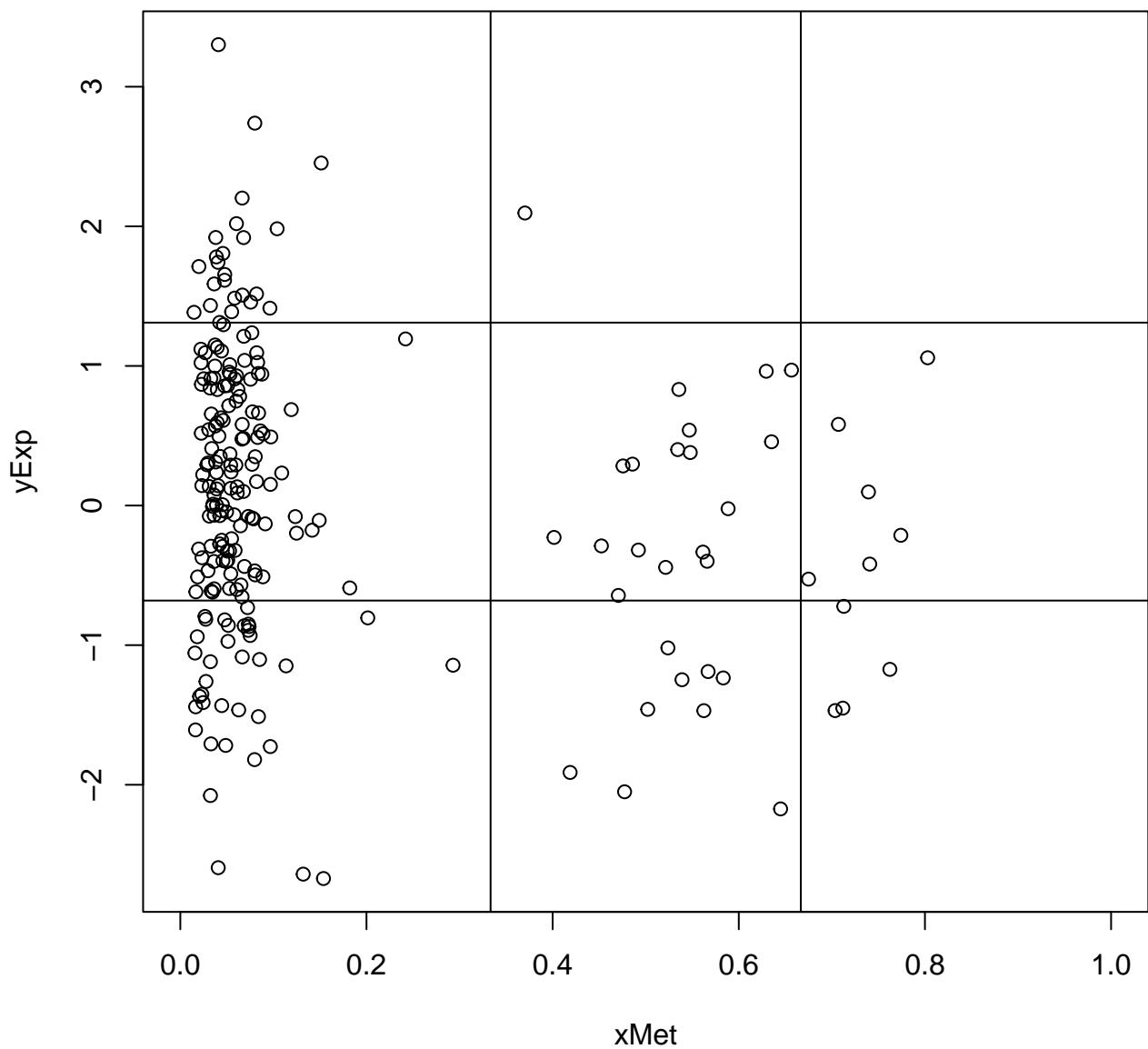
HIST1H3C, 144.4



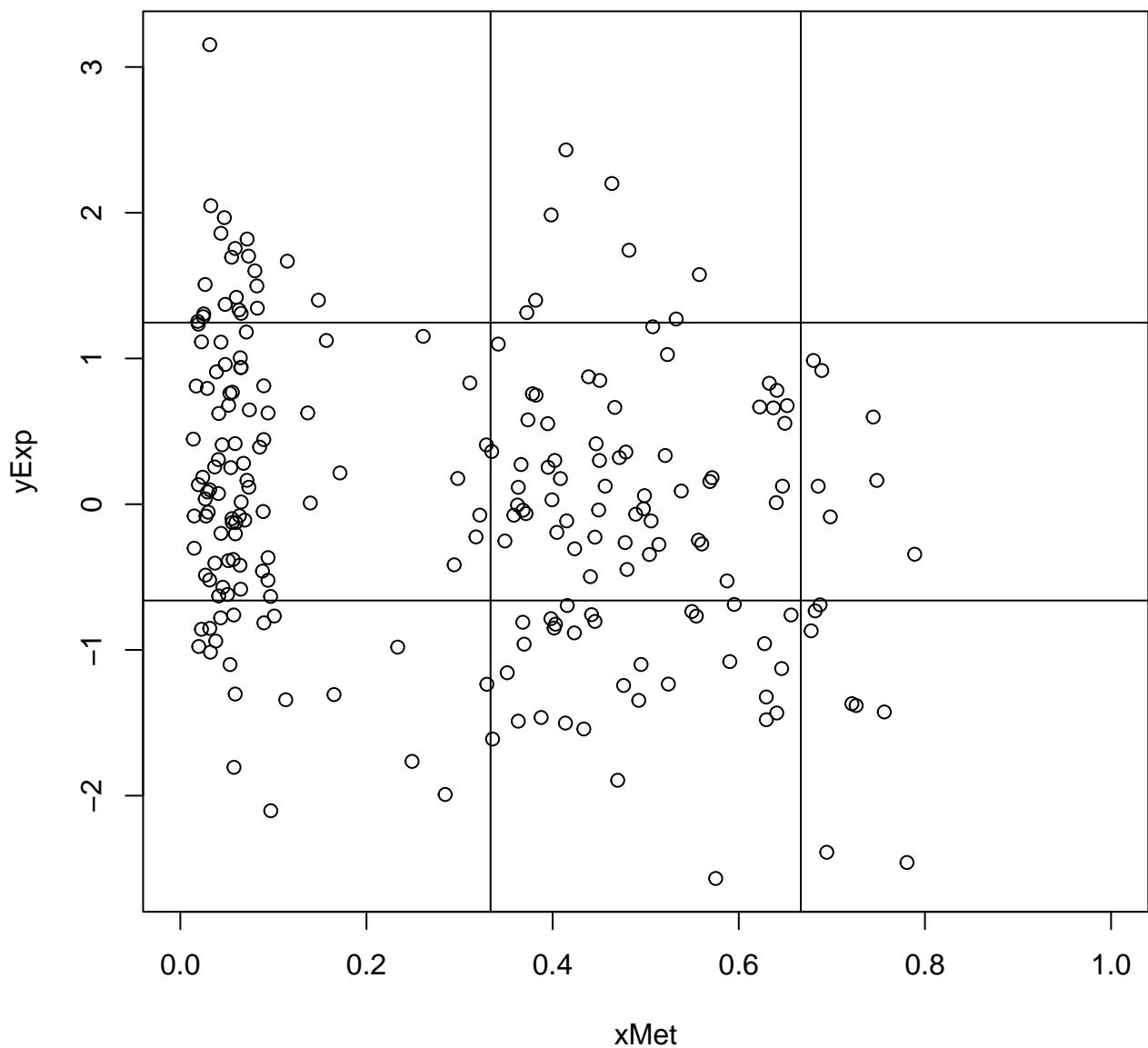
HIST1H3I, 101.4



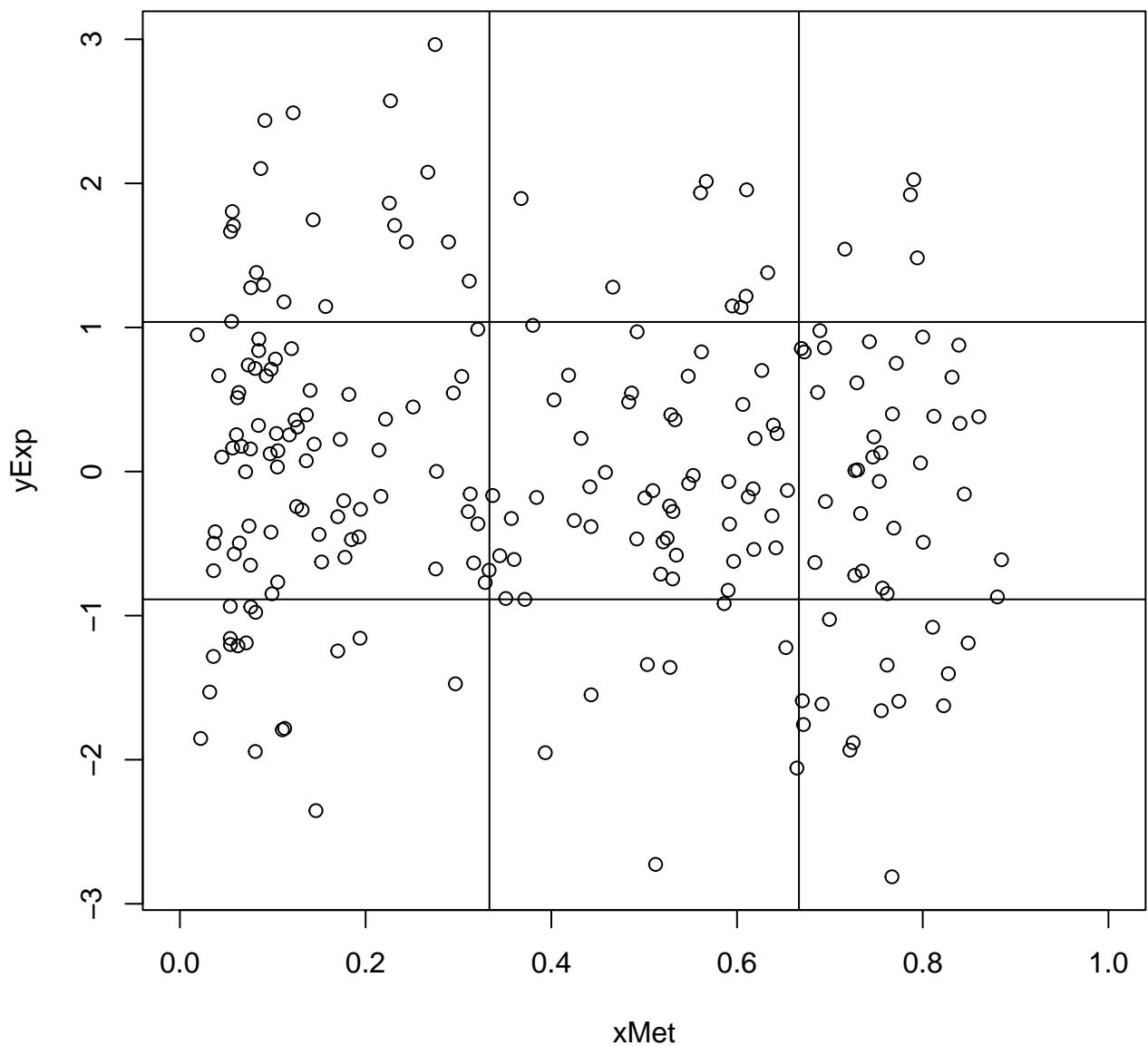
HIST1H3J, 213



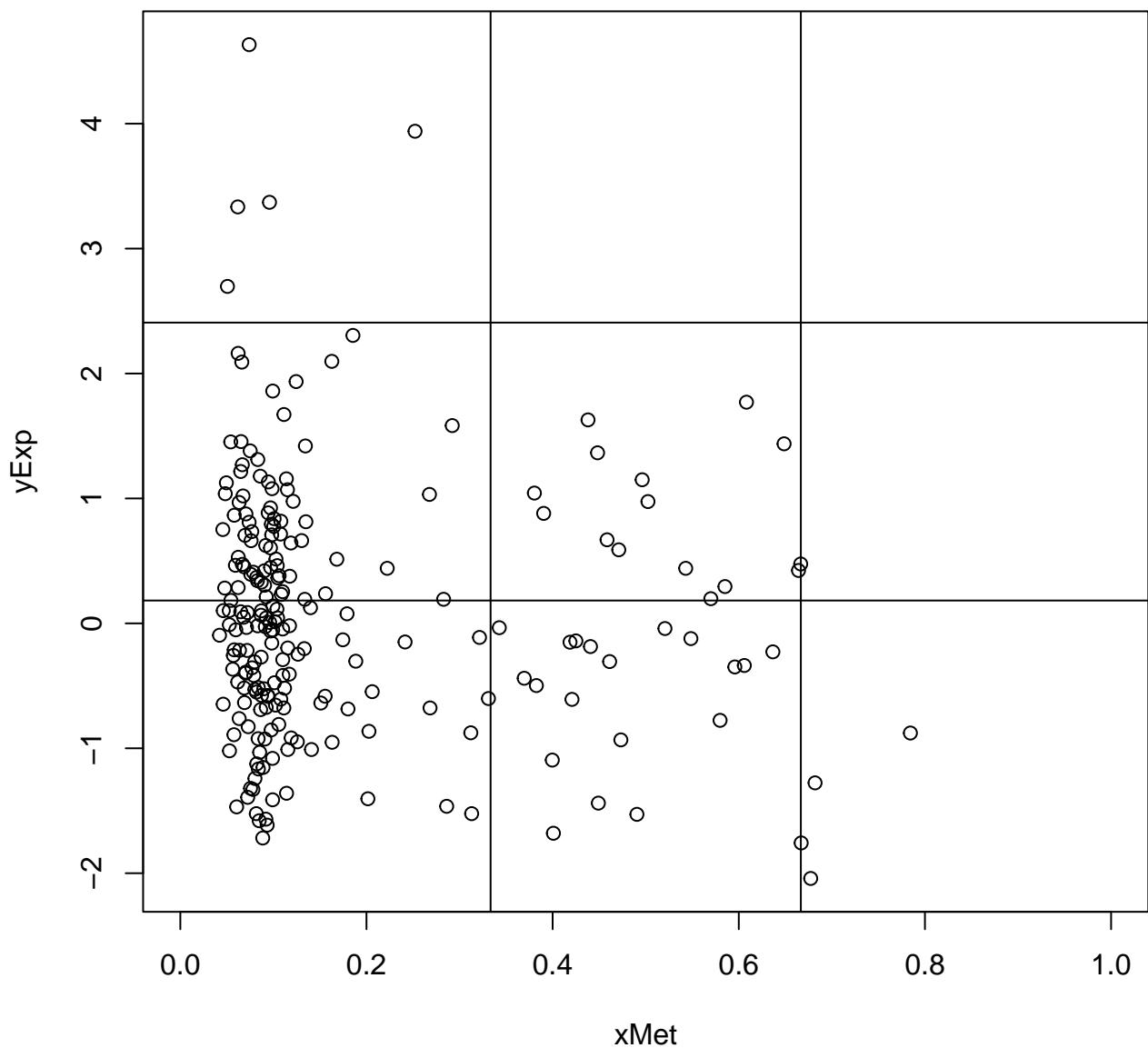
HIST1H4I, 151



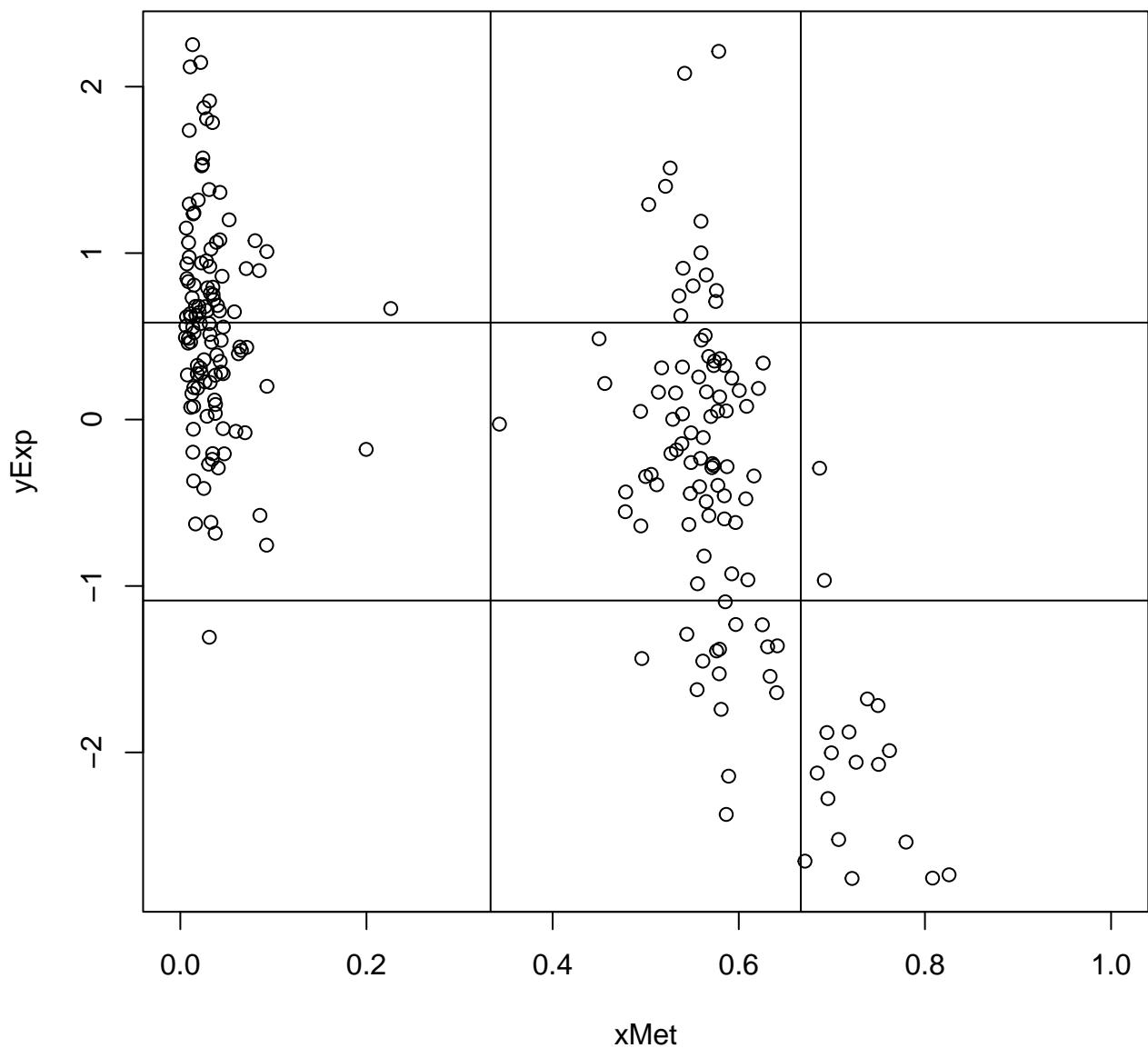
HIST1H4L, -101.4



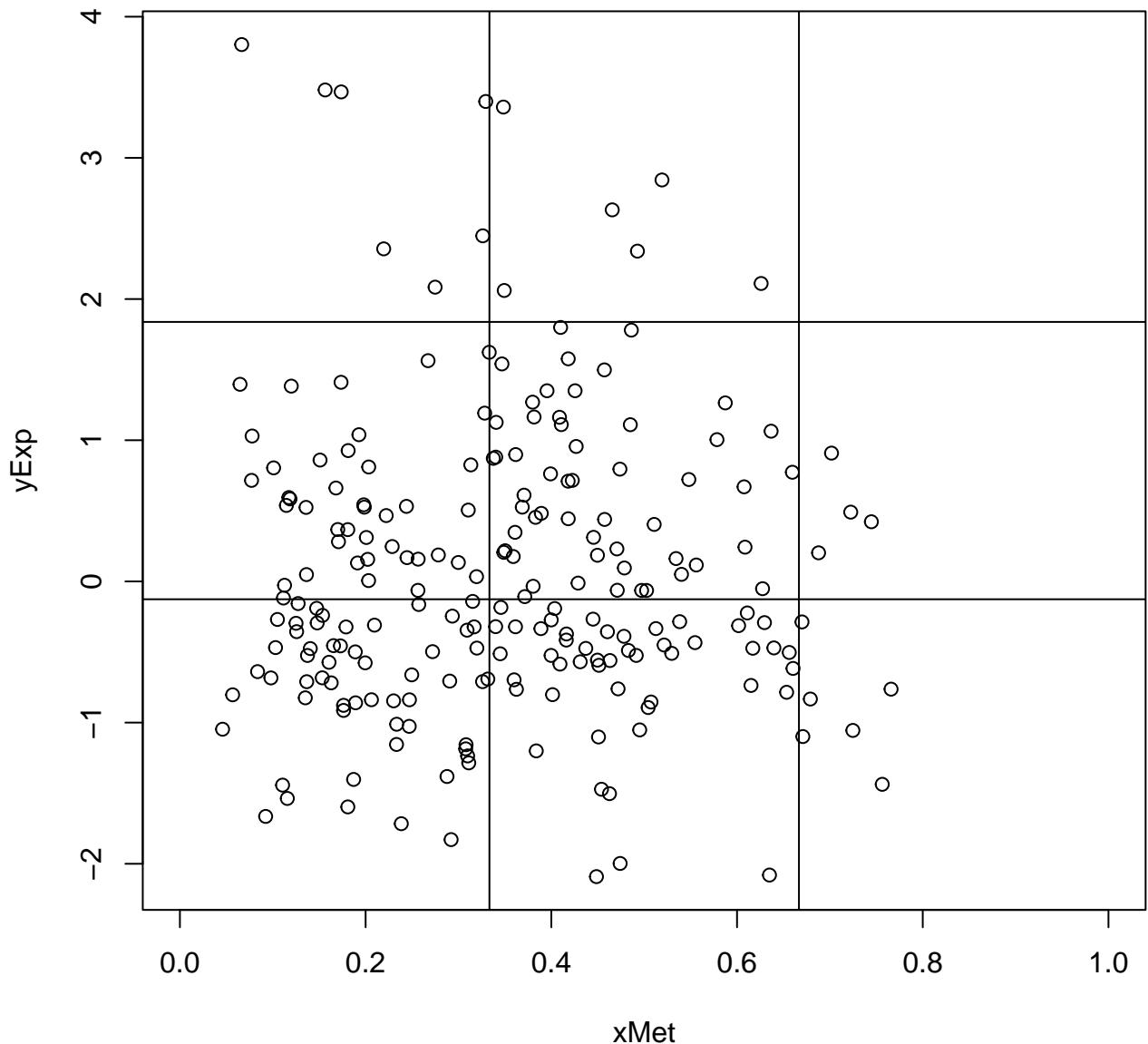
HLF, 217



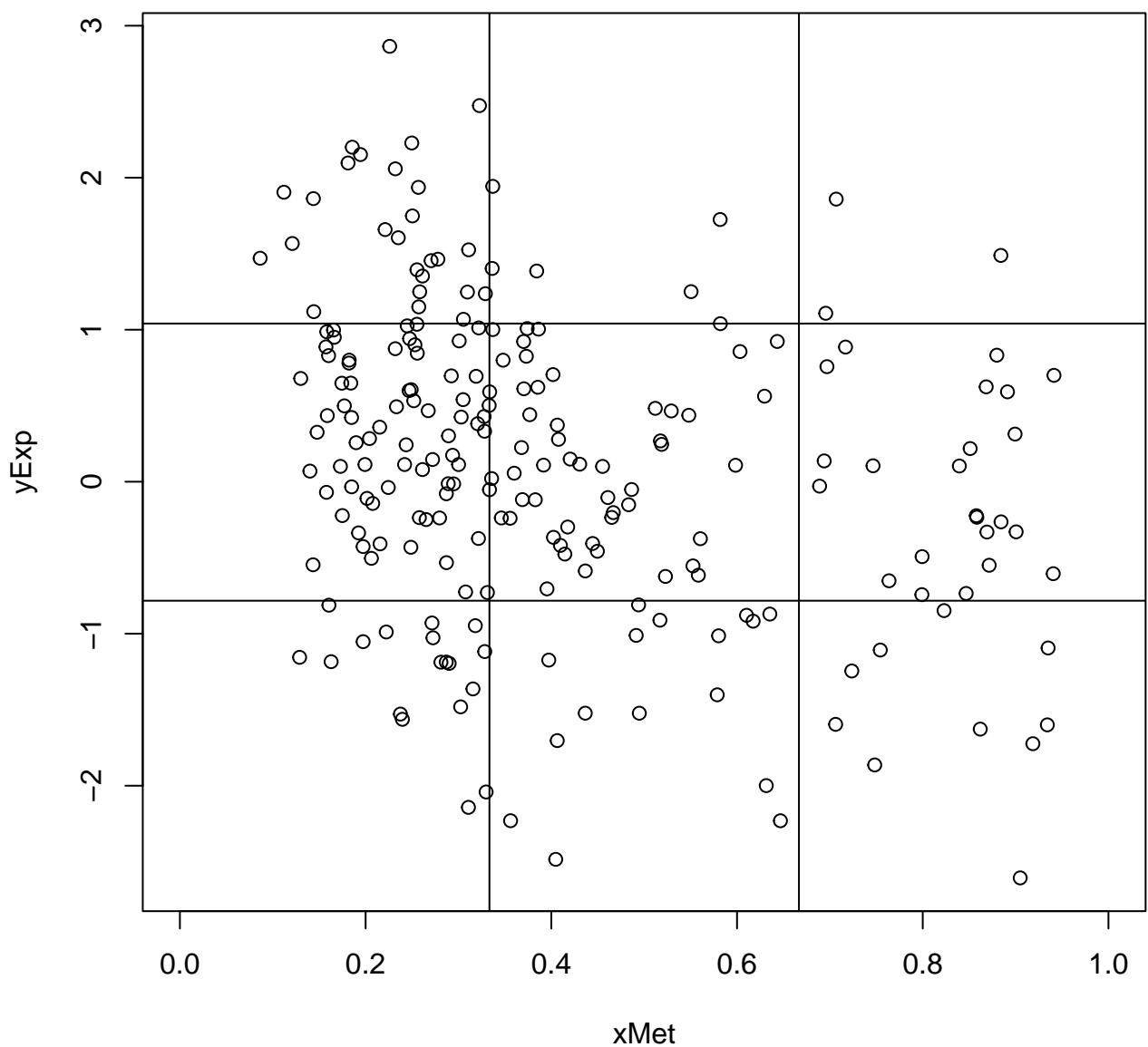
HLTF, 186



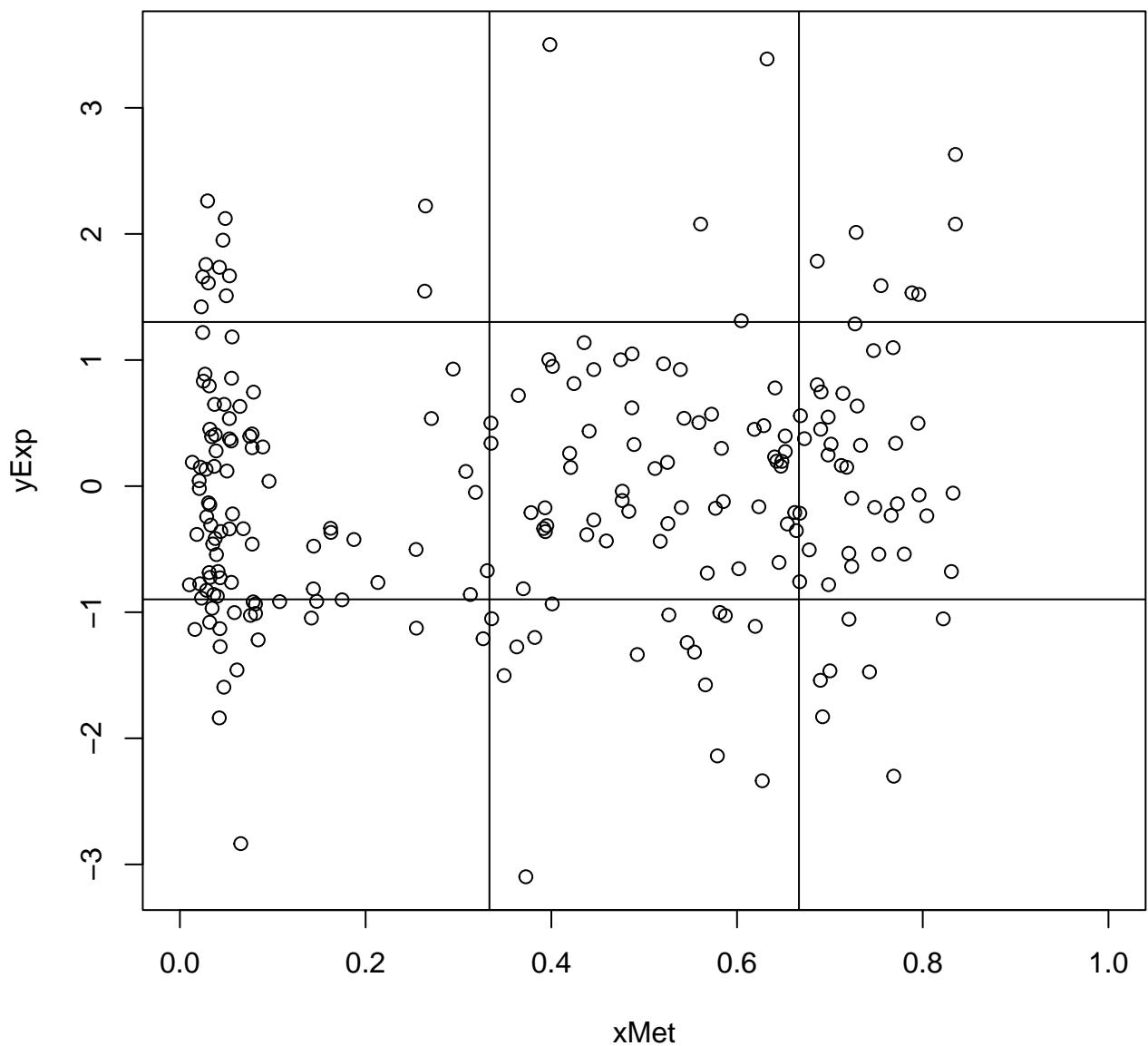
HMP19, 153



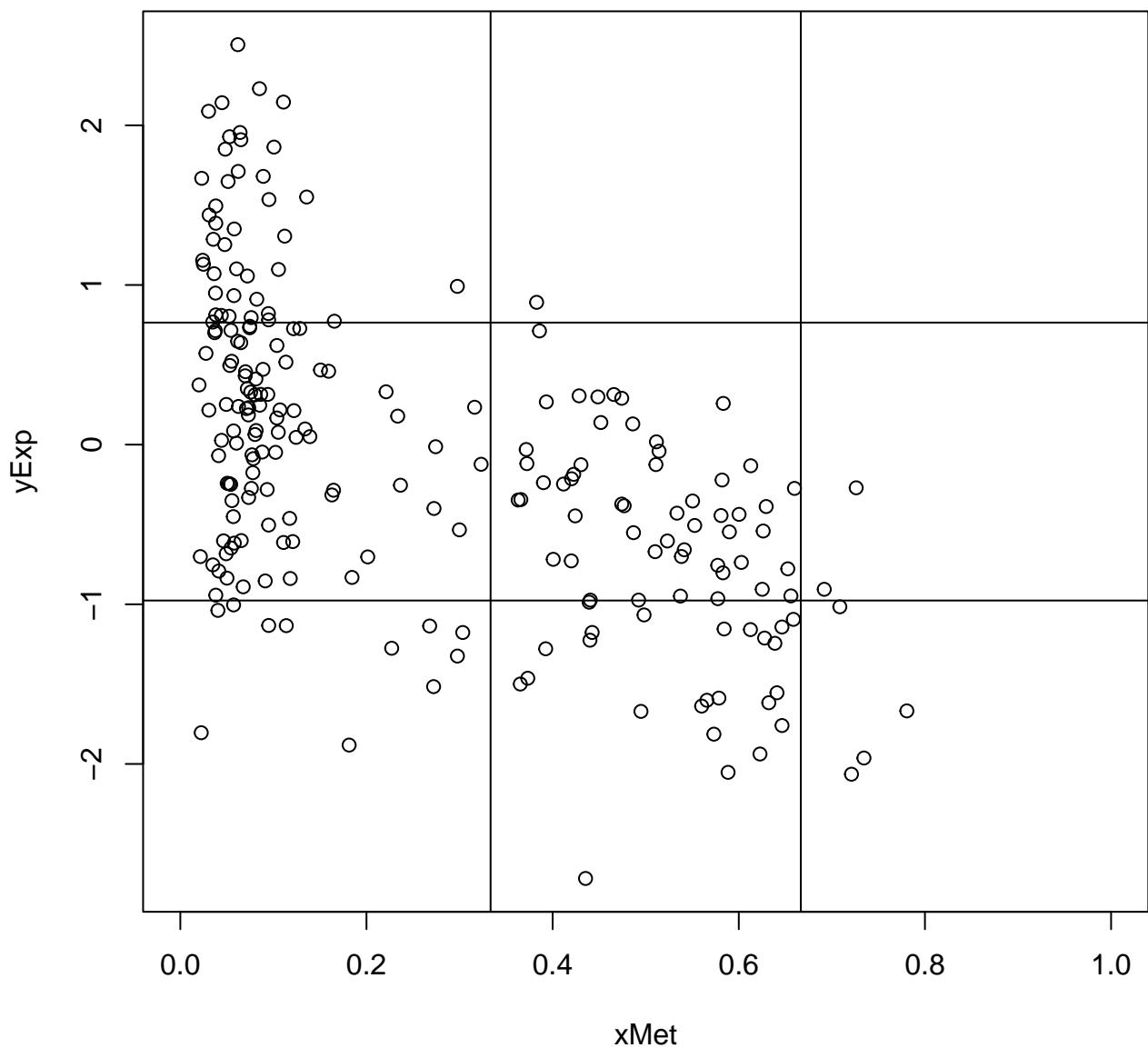
HNMT, -13.8



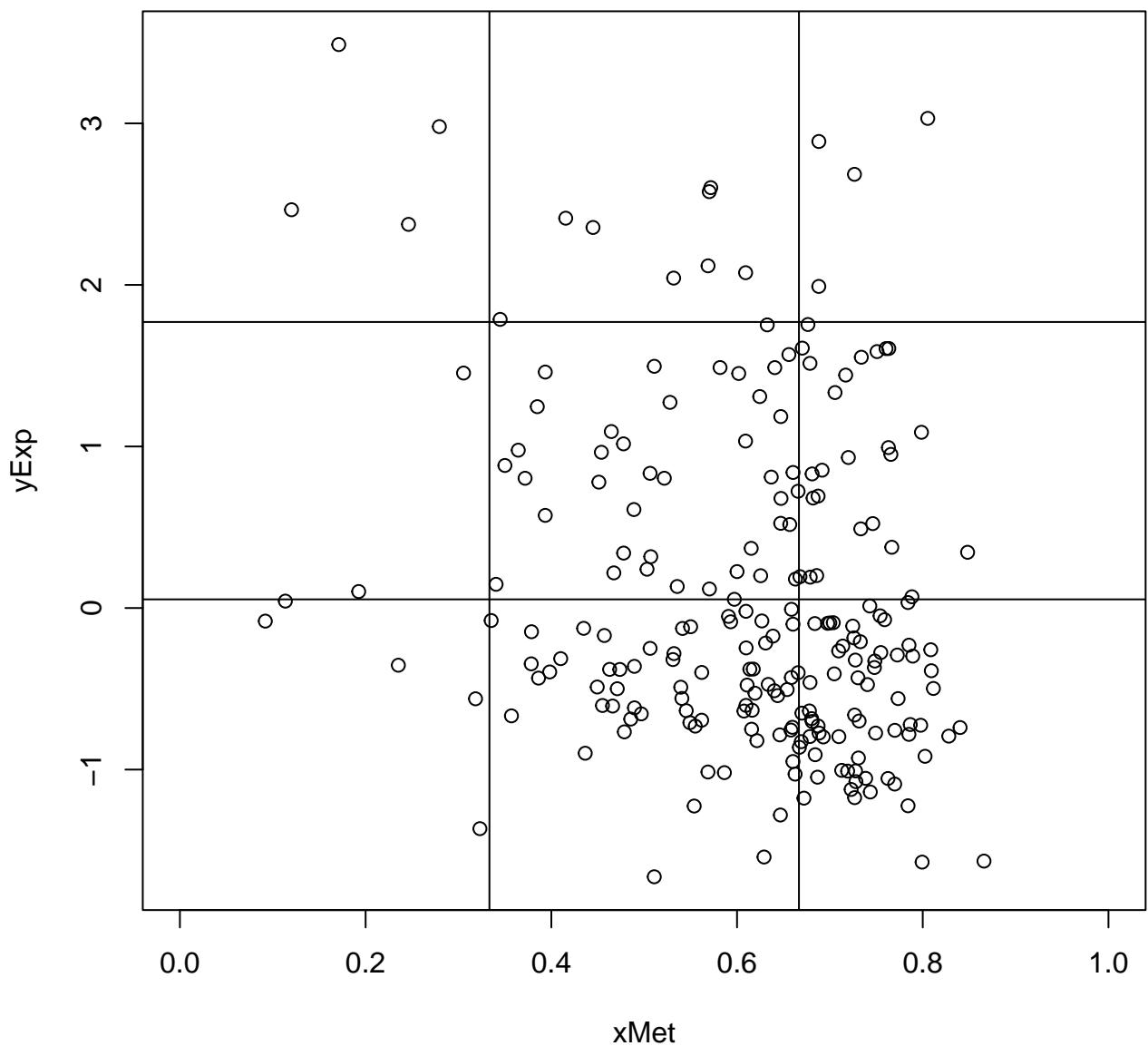
HOXA6, -247.2



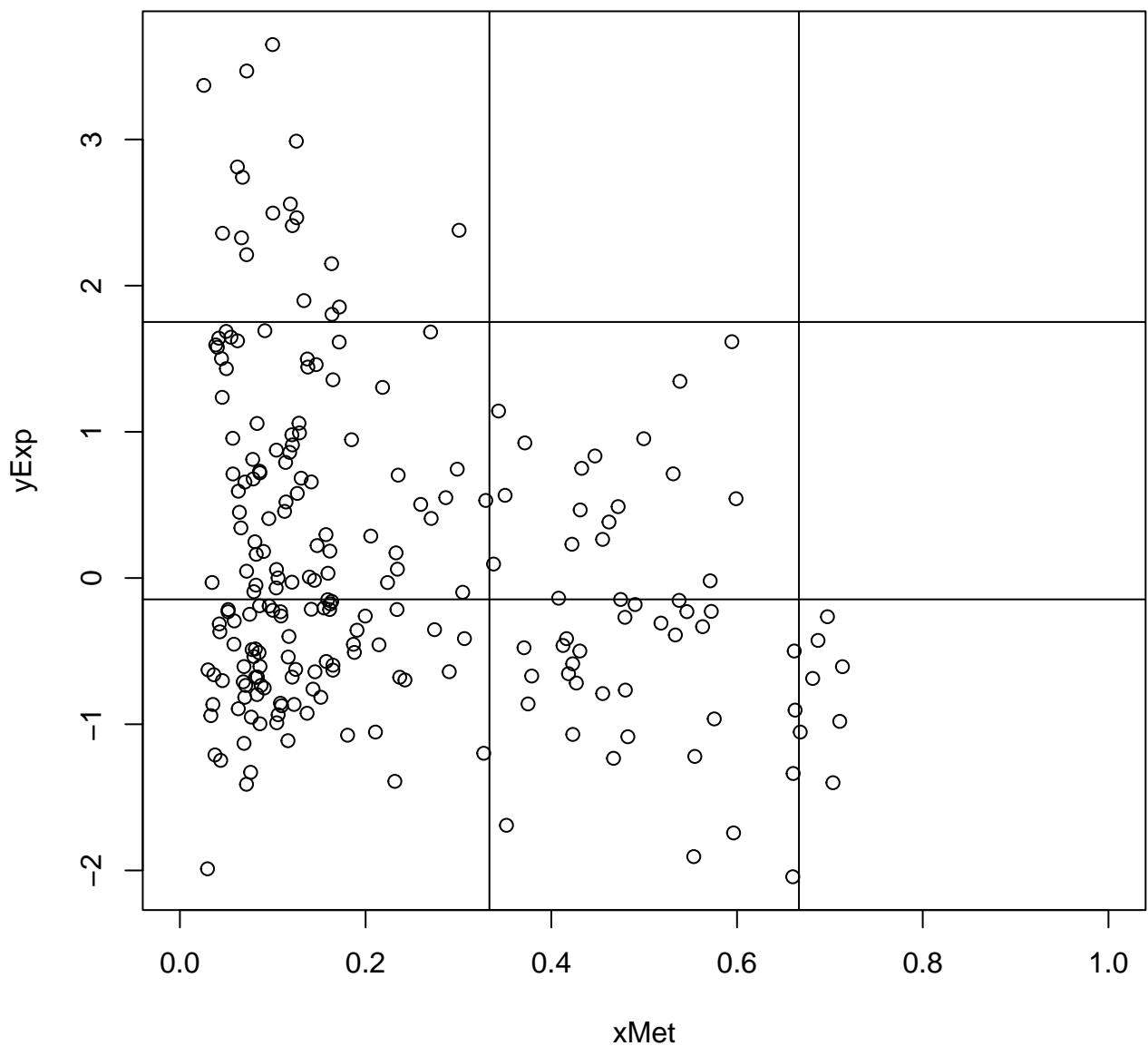
HOXB4, 207



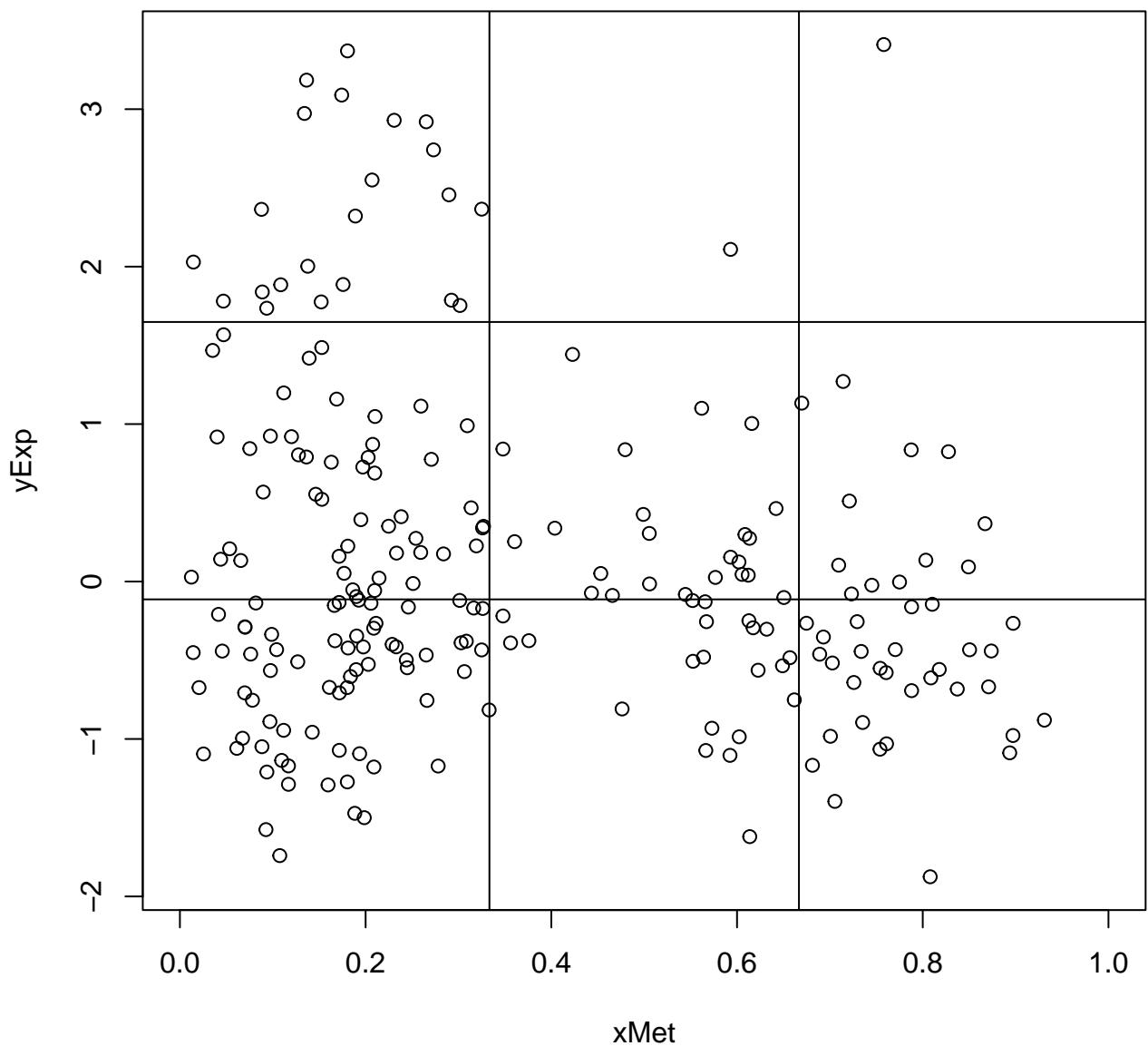
HOXC9, -29.4



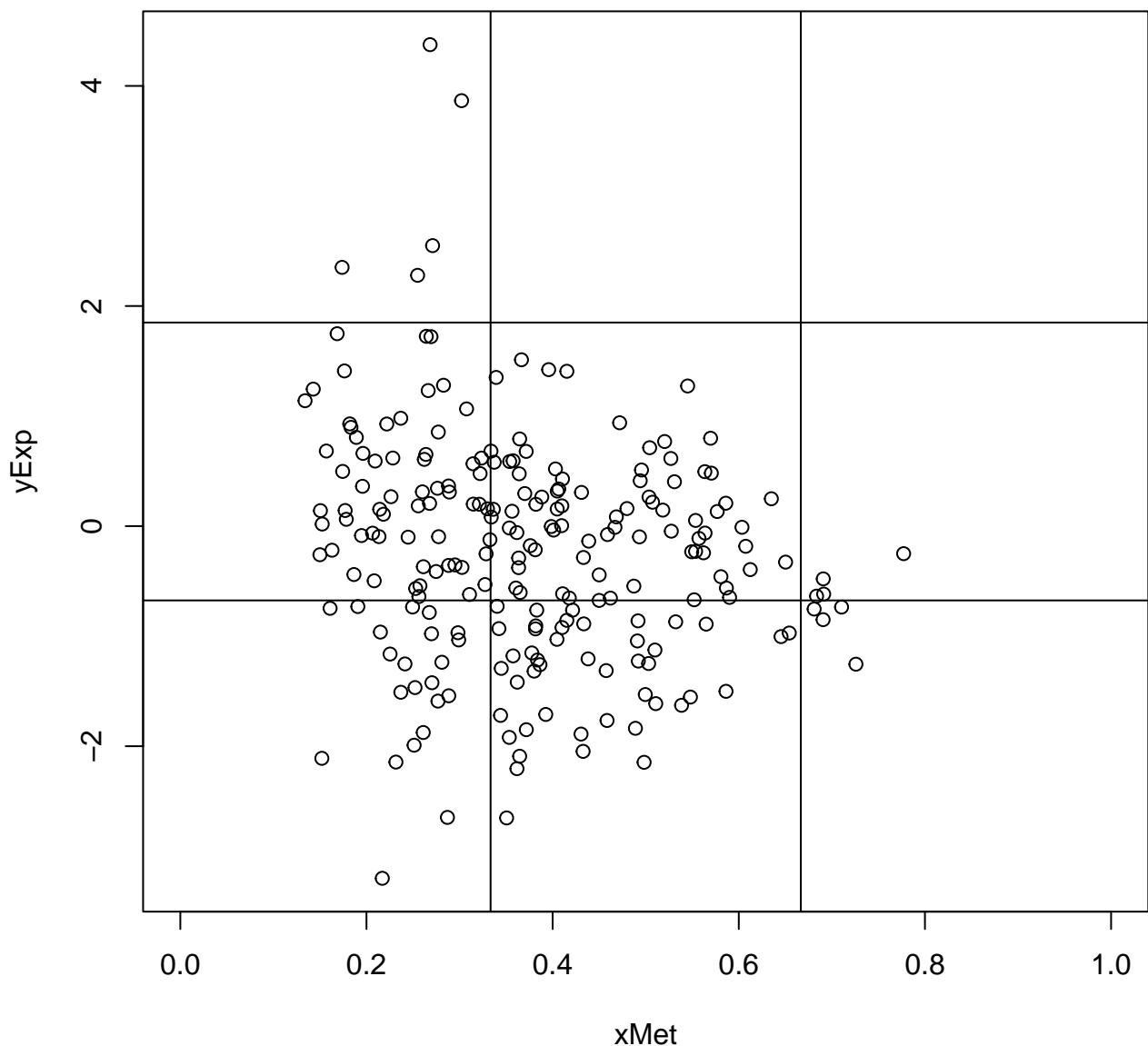
HOXD11, 230



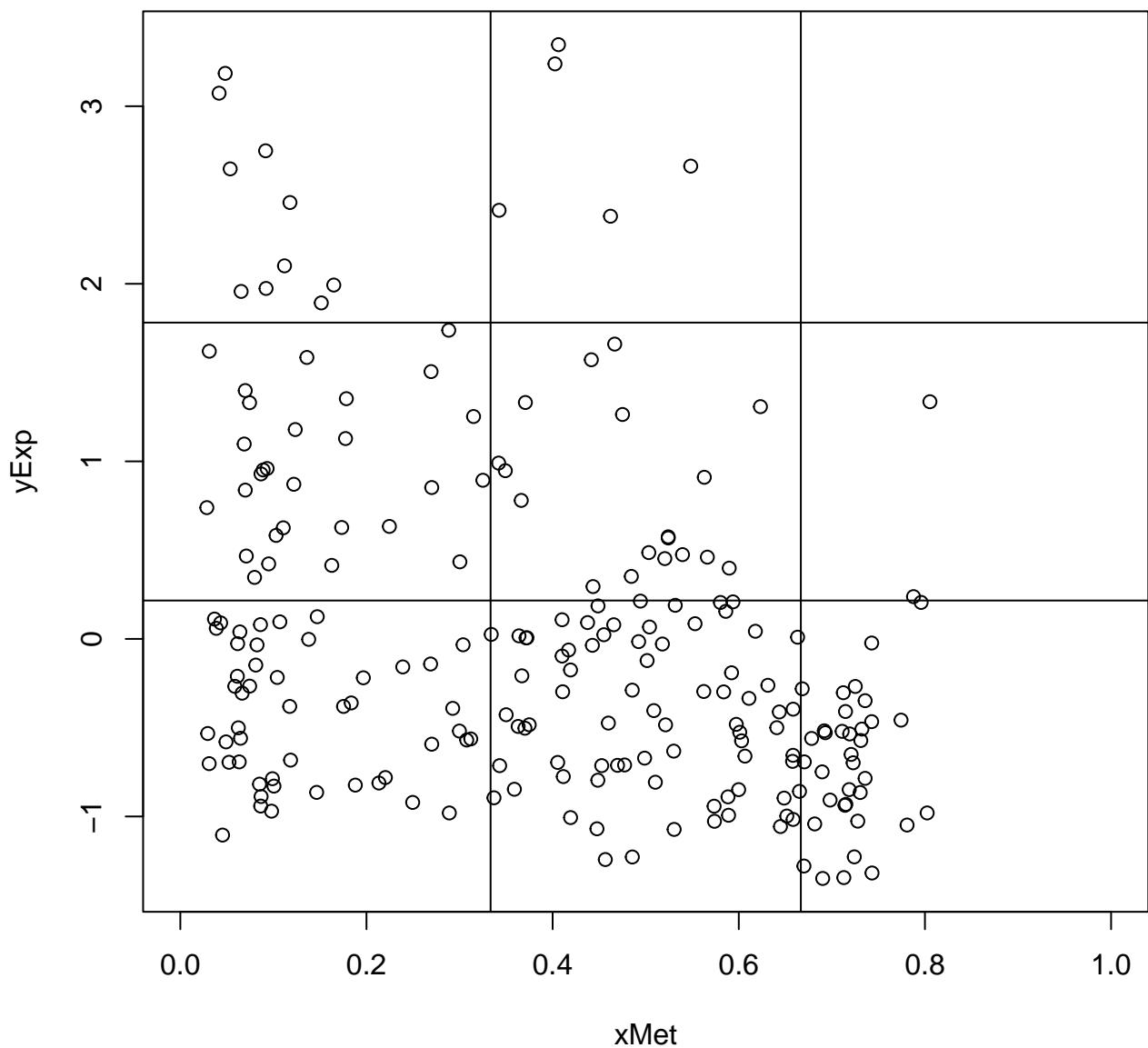
HOXD9, 167.4



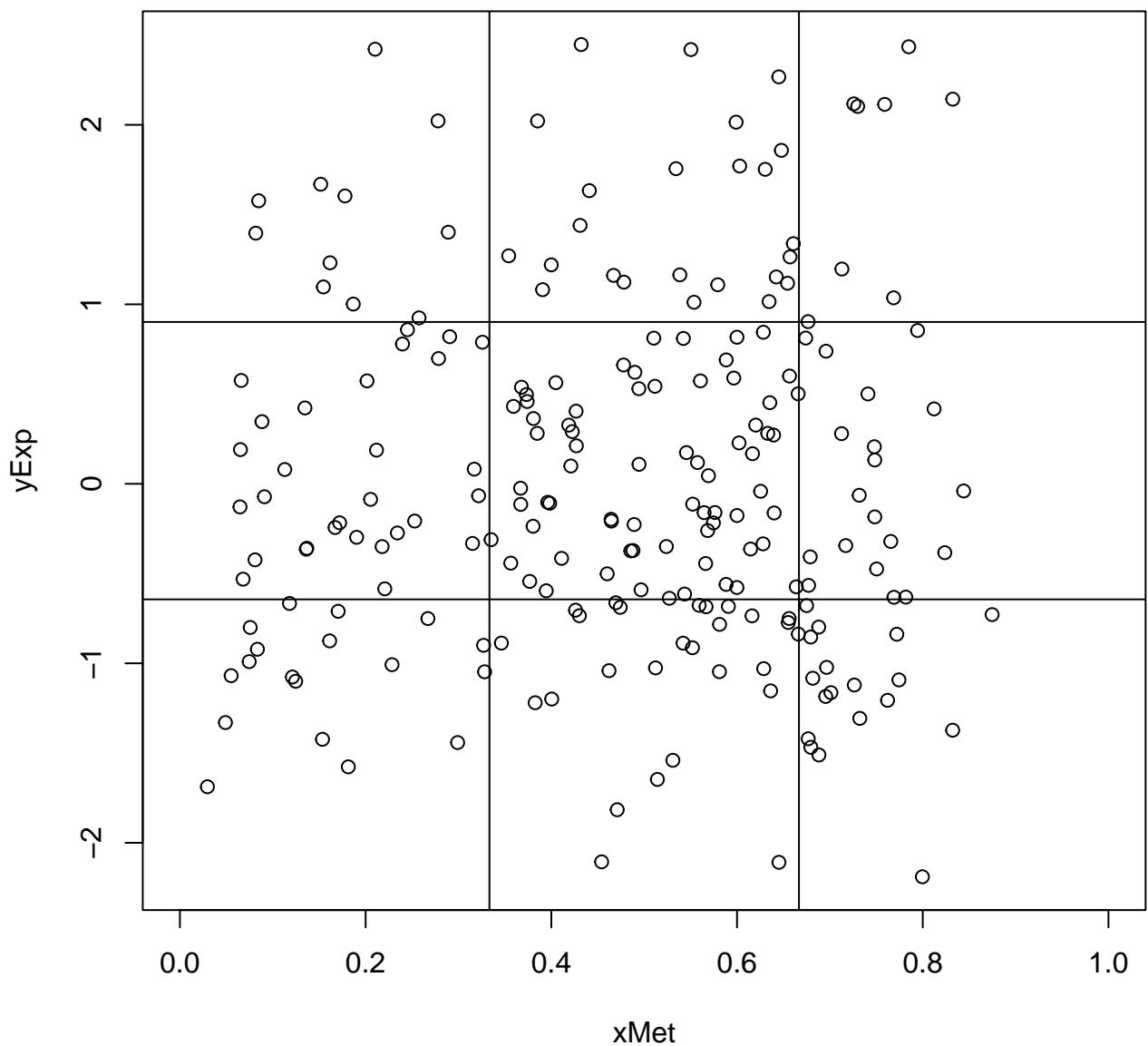
HPS4, 140



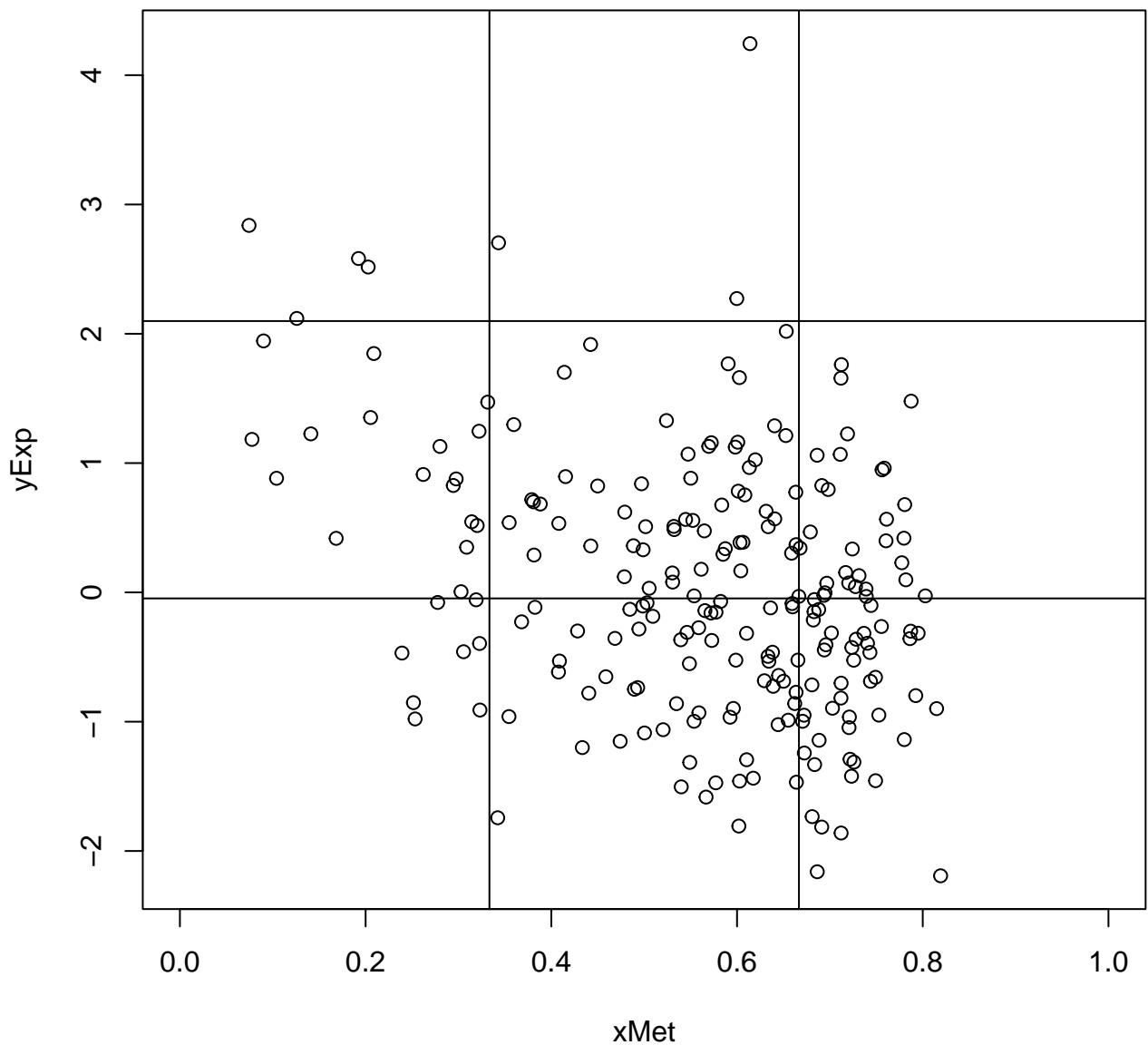
HRASLS, 229



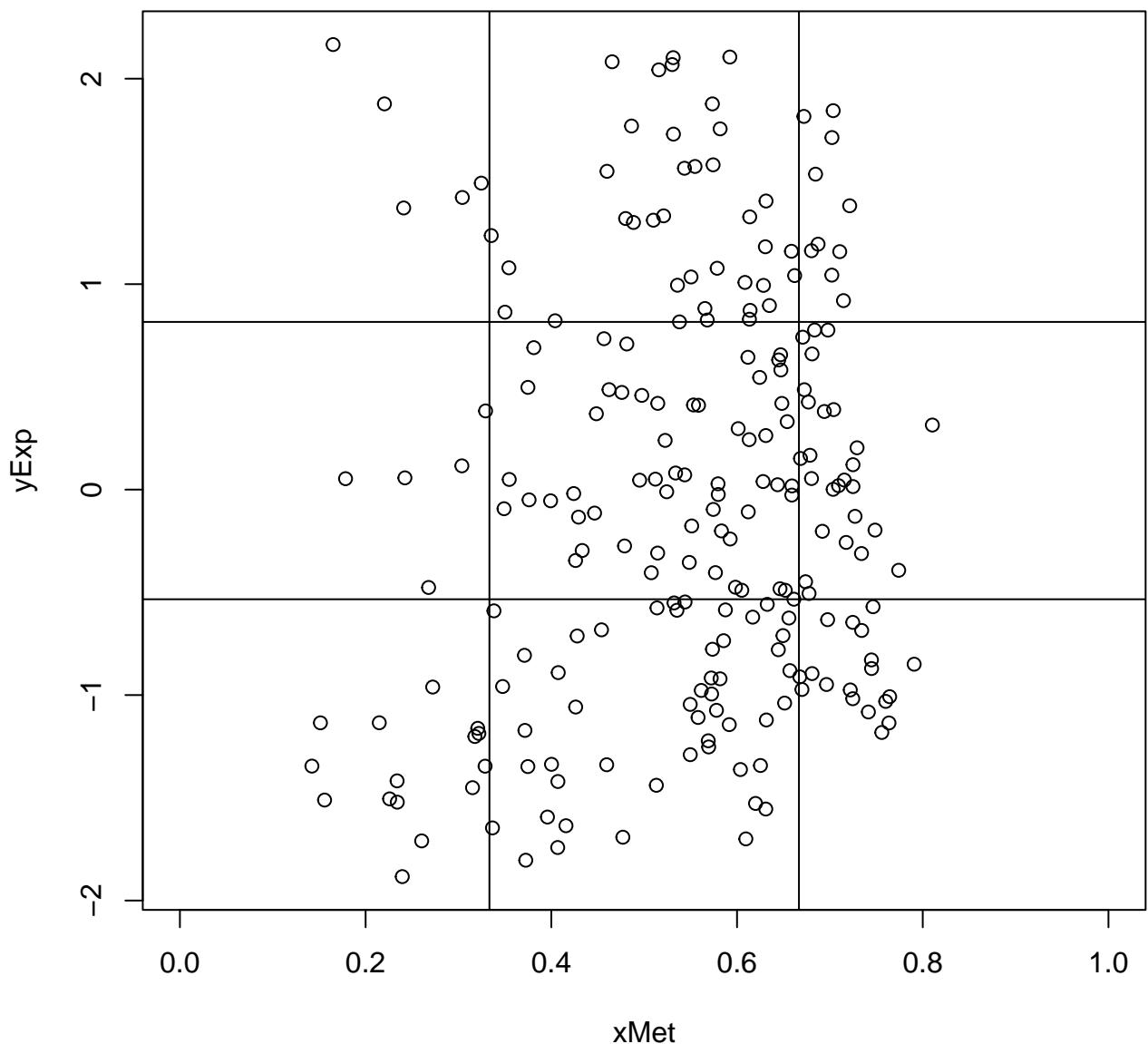
HS3ST2, -310.8



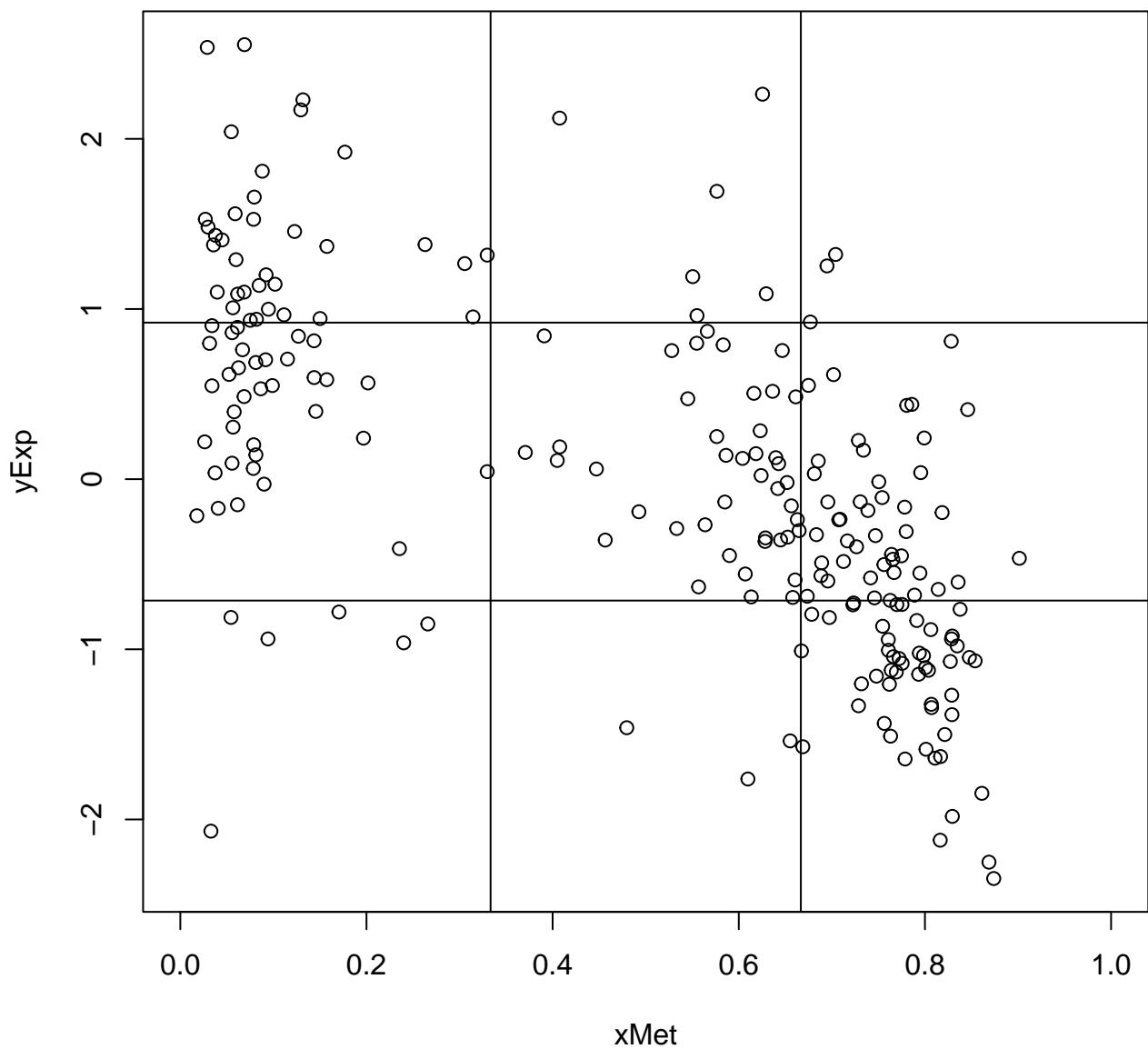
HSD17B14, 118



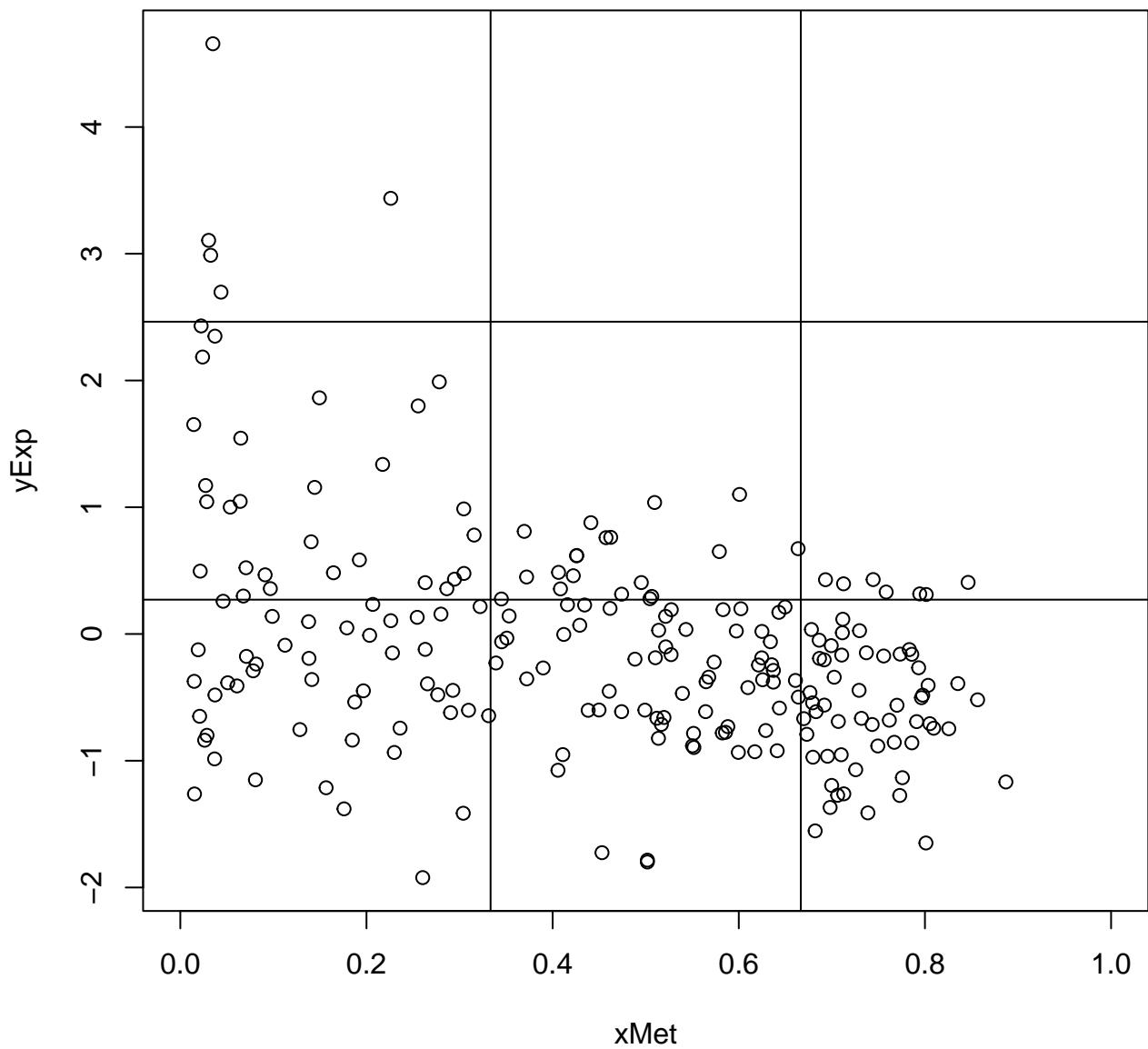
HSD3B1, -456



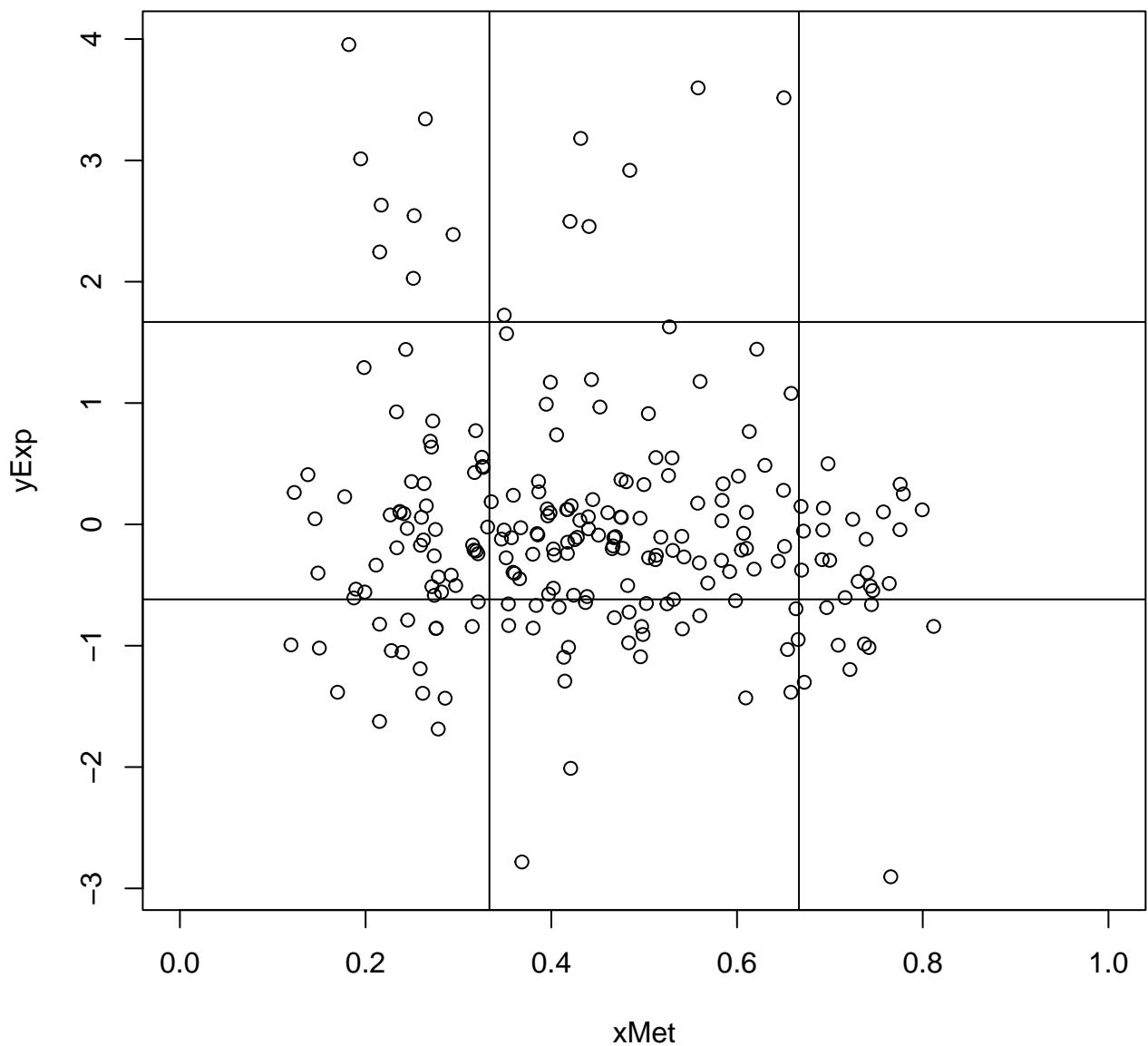
HSPA1A, -21.8



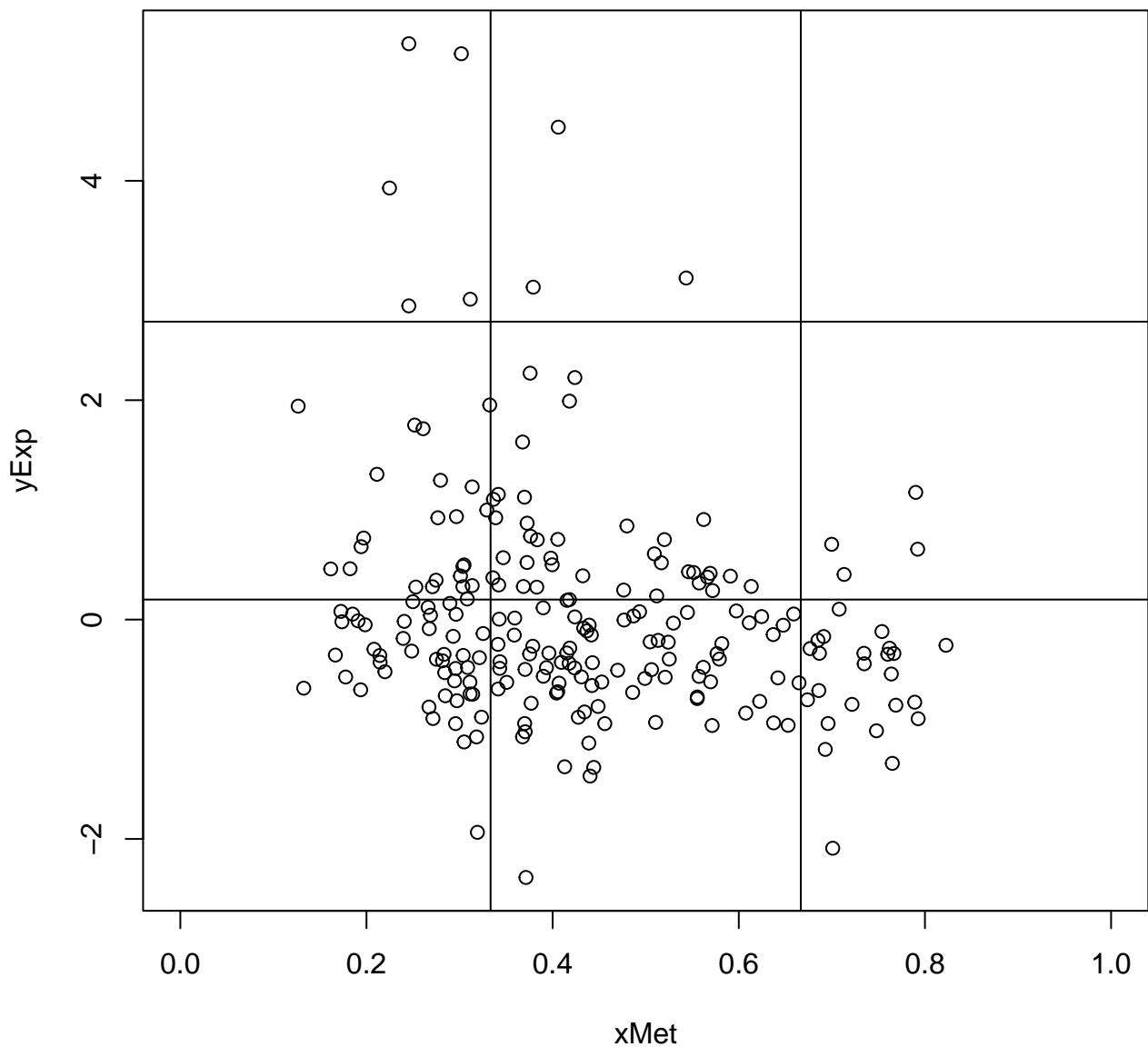
HSPA2, 242



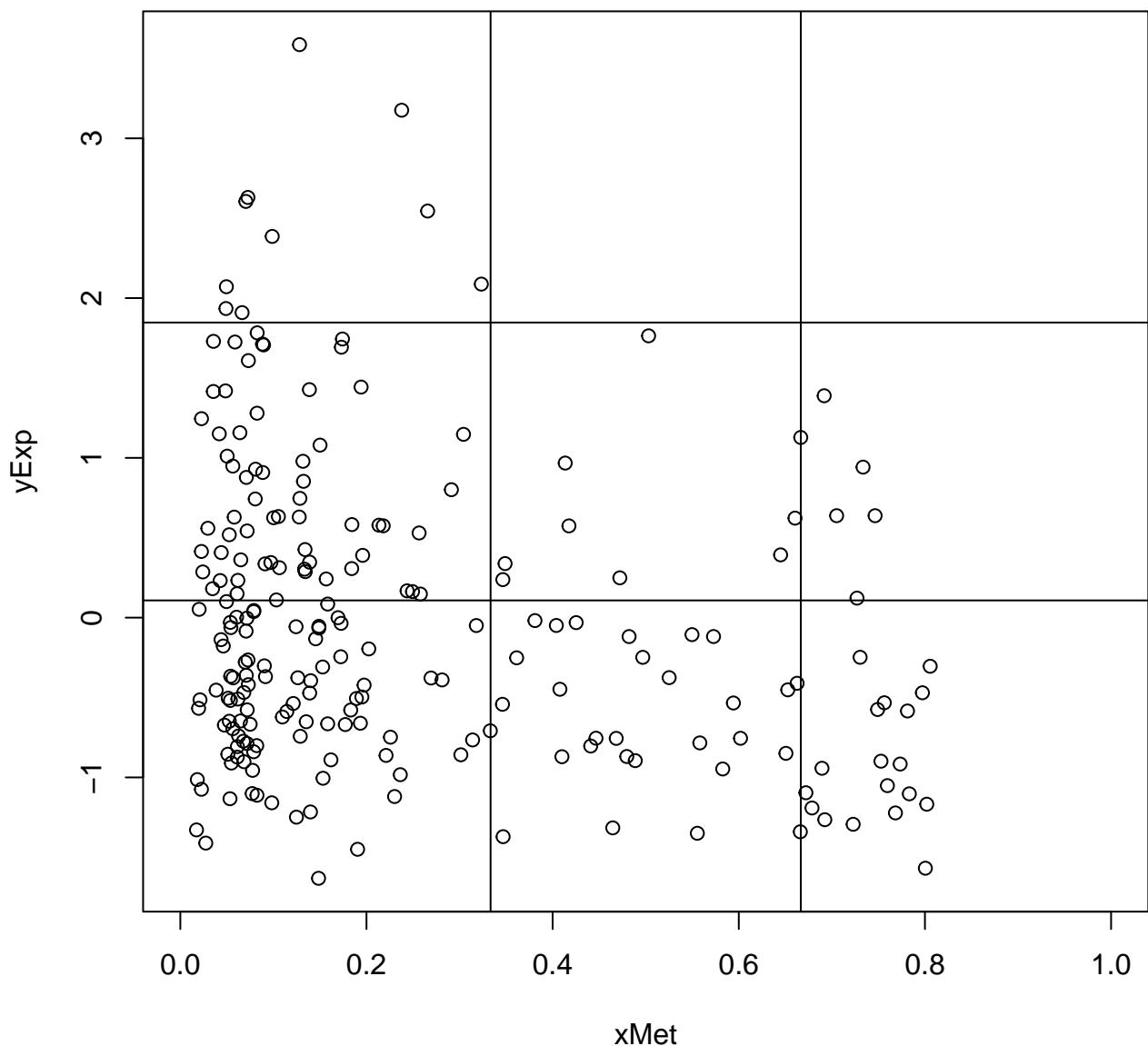
HTR3C, 67



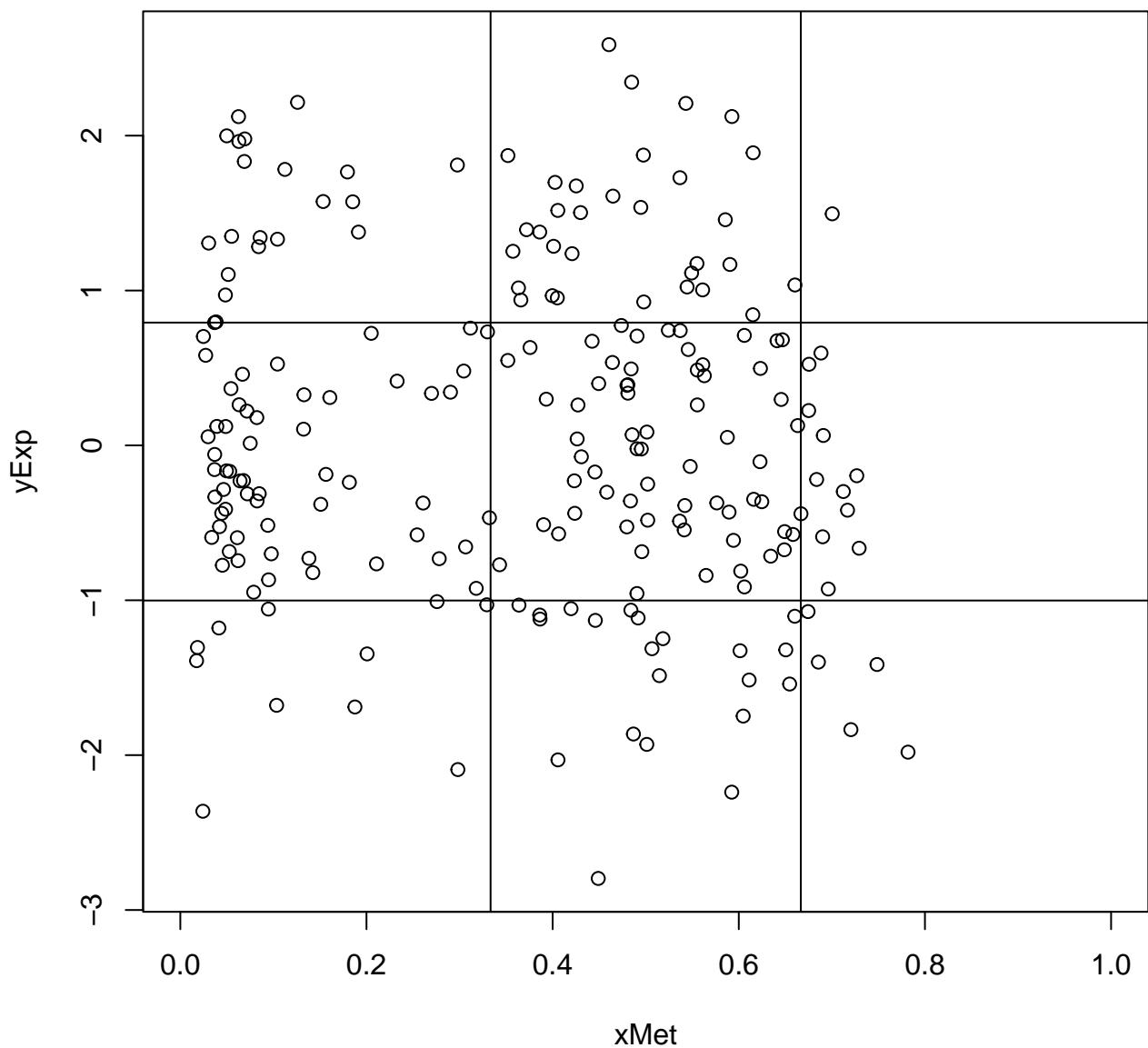
HTR3E, 195



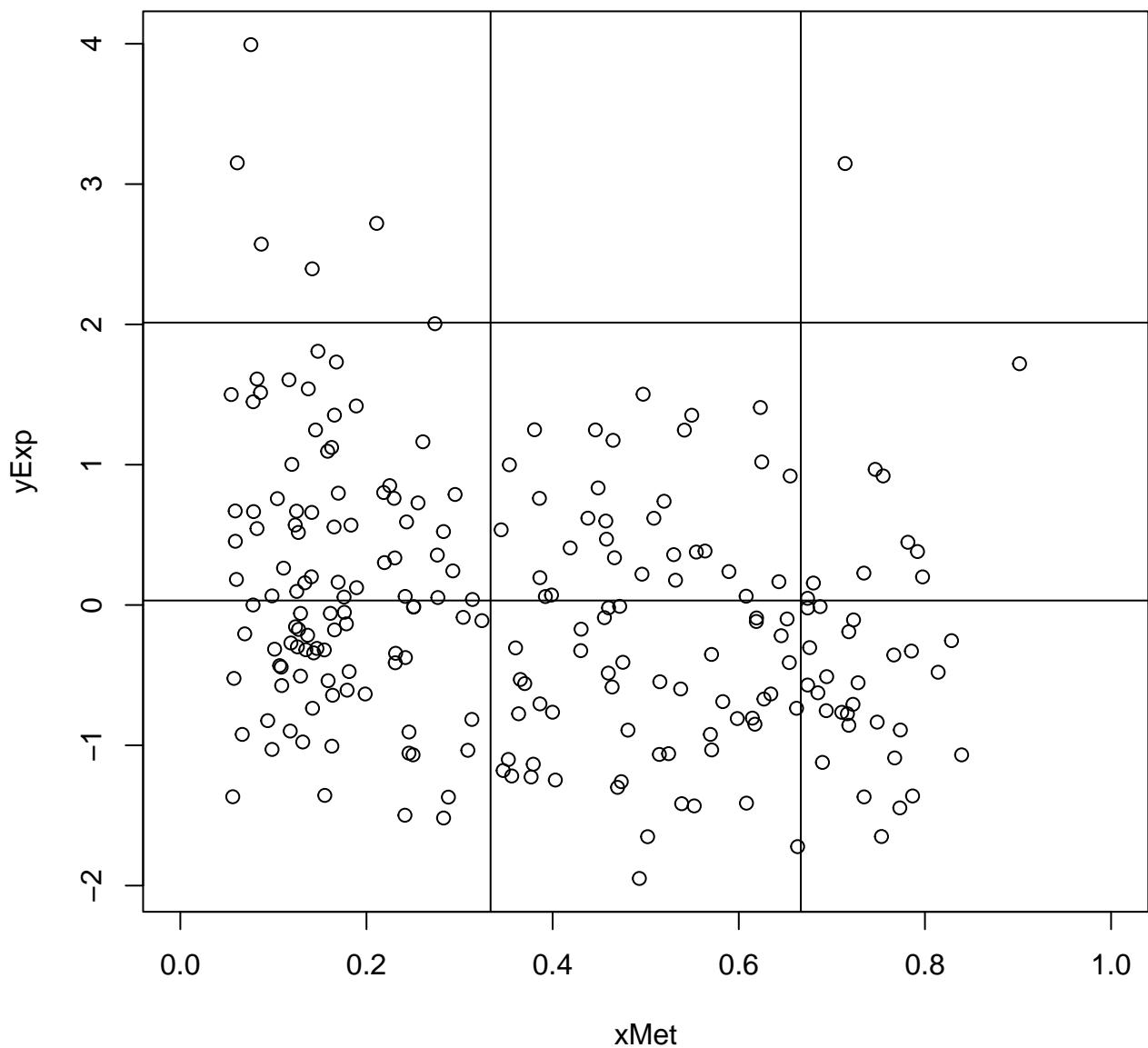
HTR4, 227



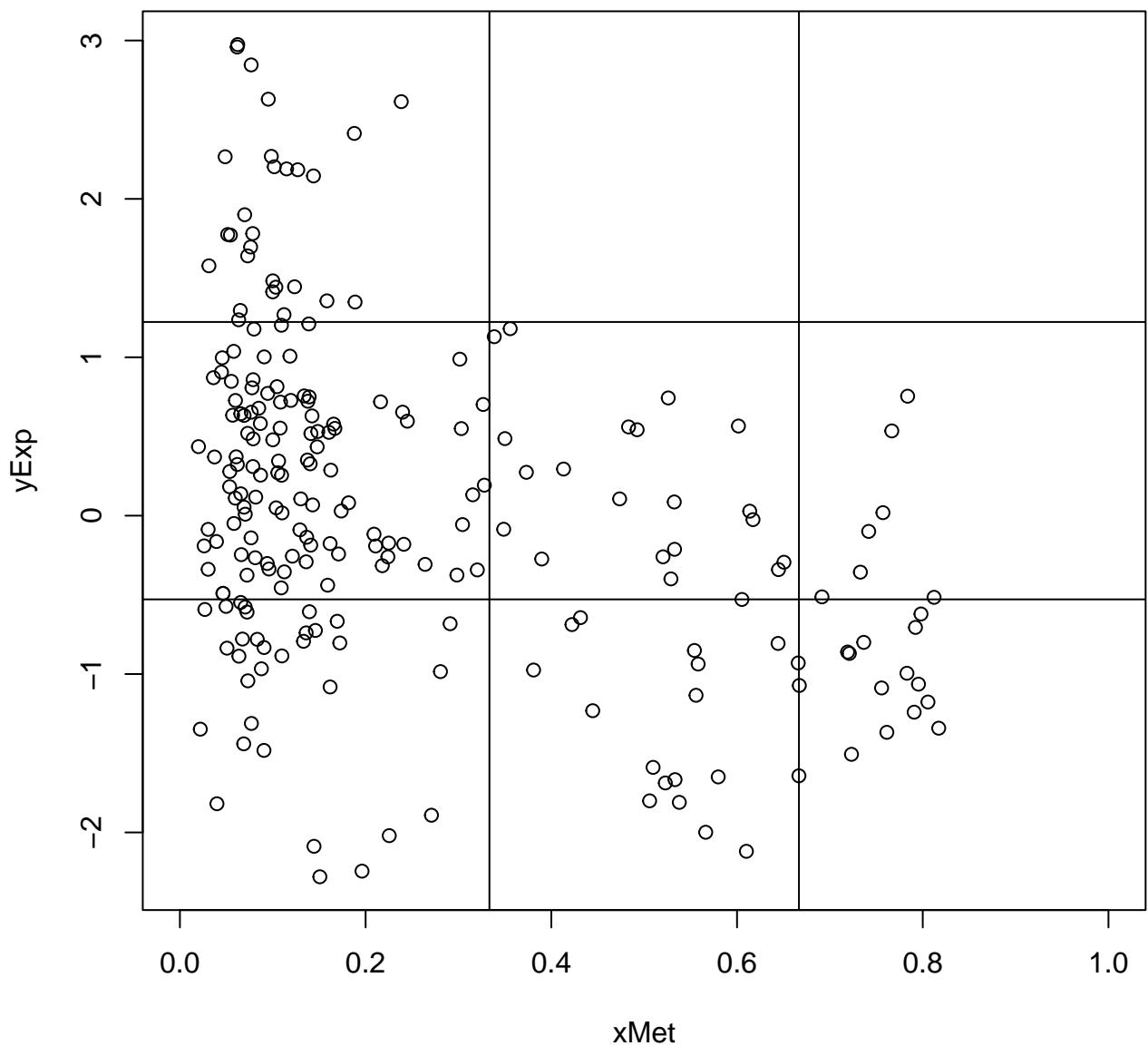
HTRA3, 7.4



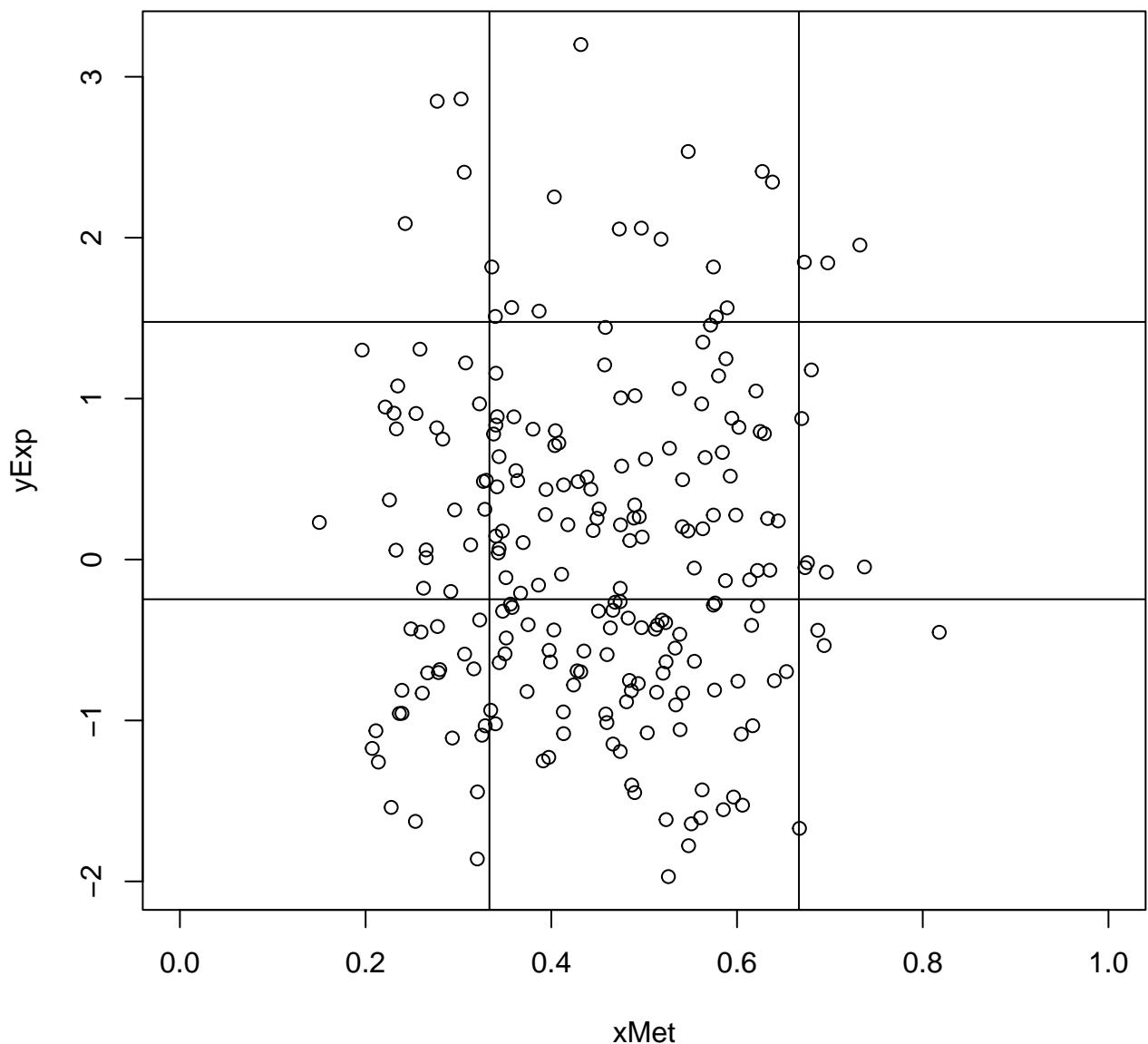
ICAM4, 151.4



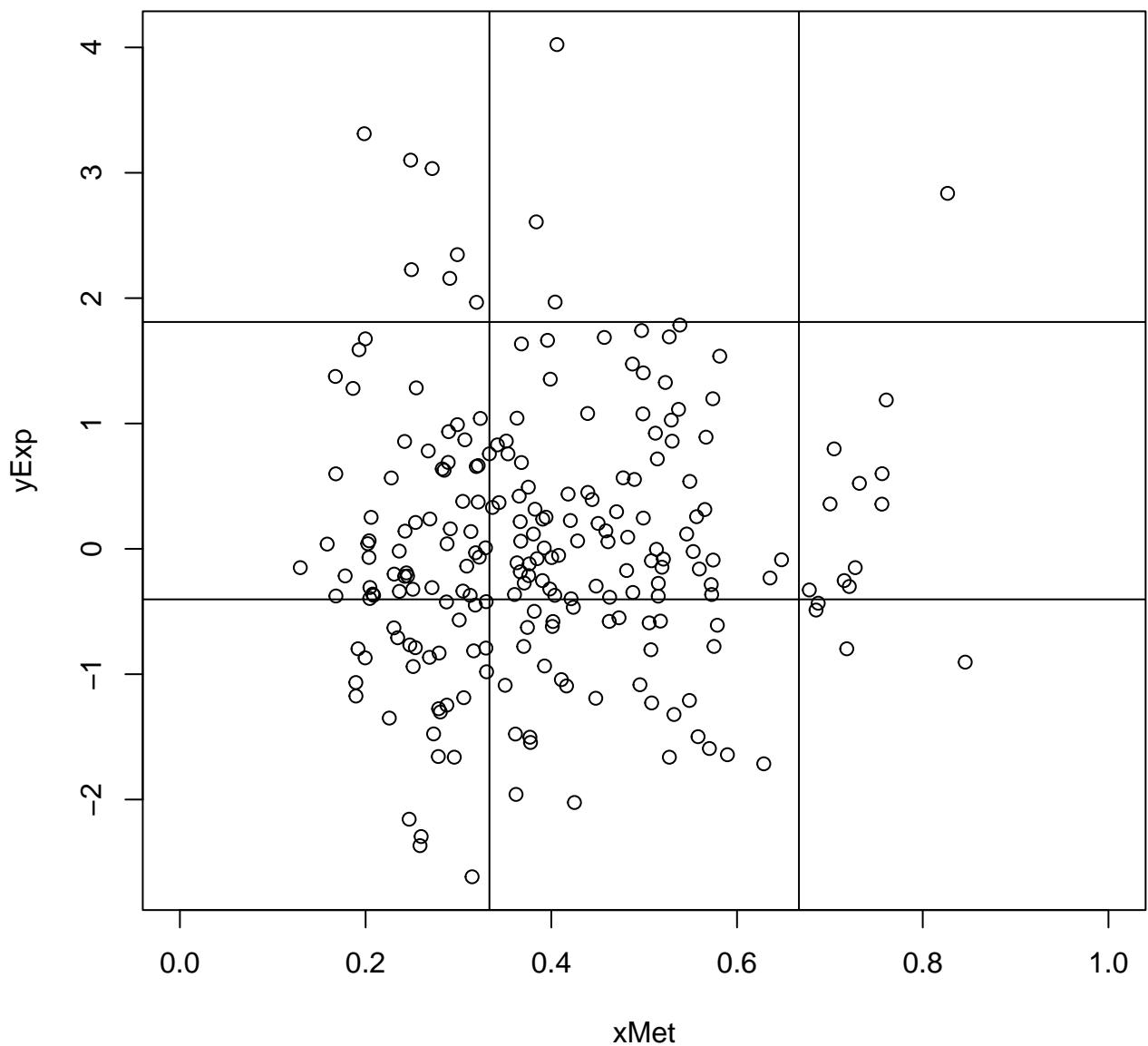
ID4, 224



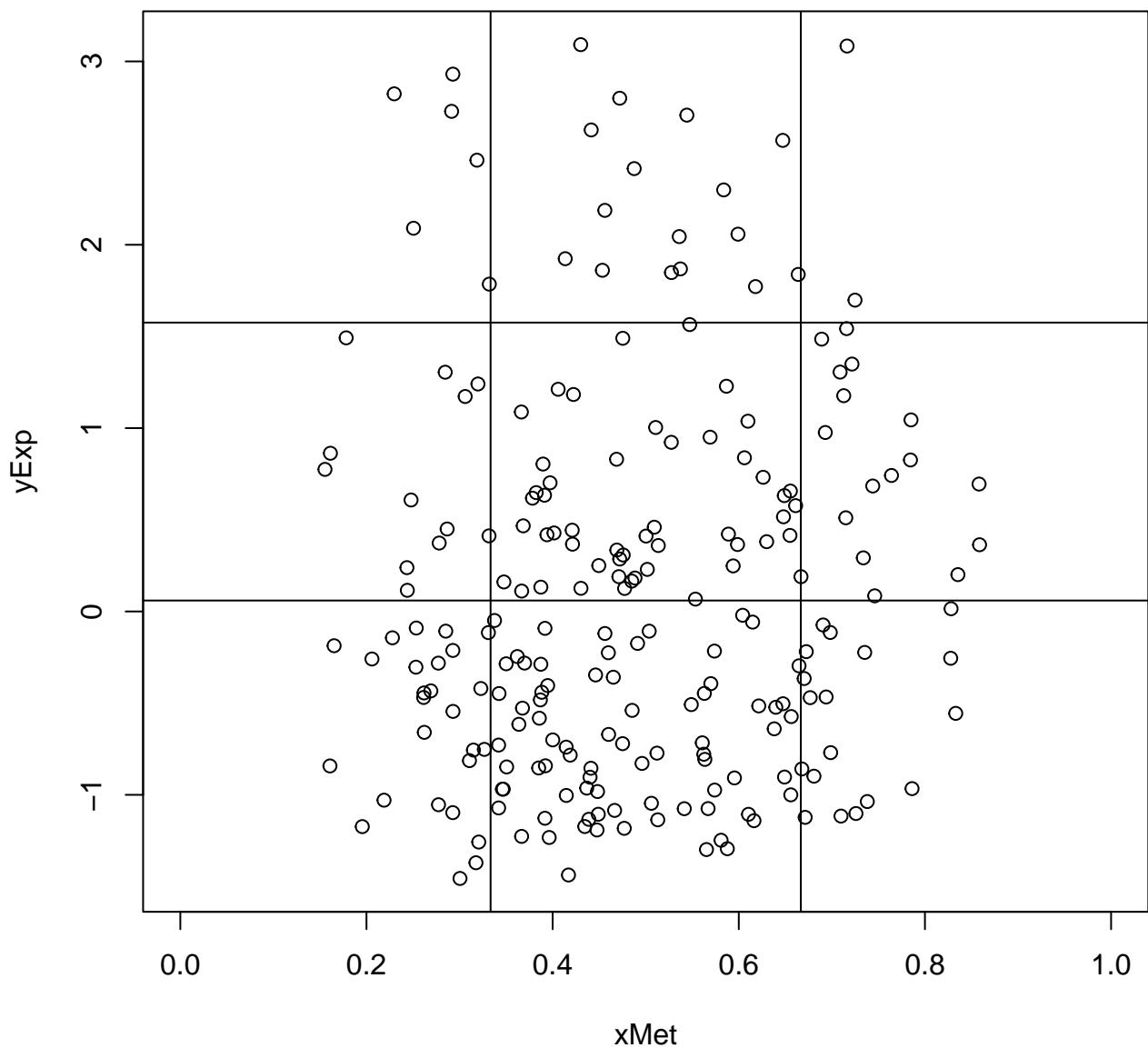
IER2, -41.8



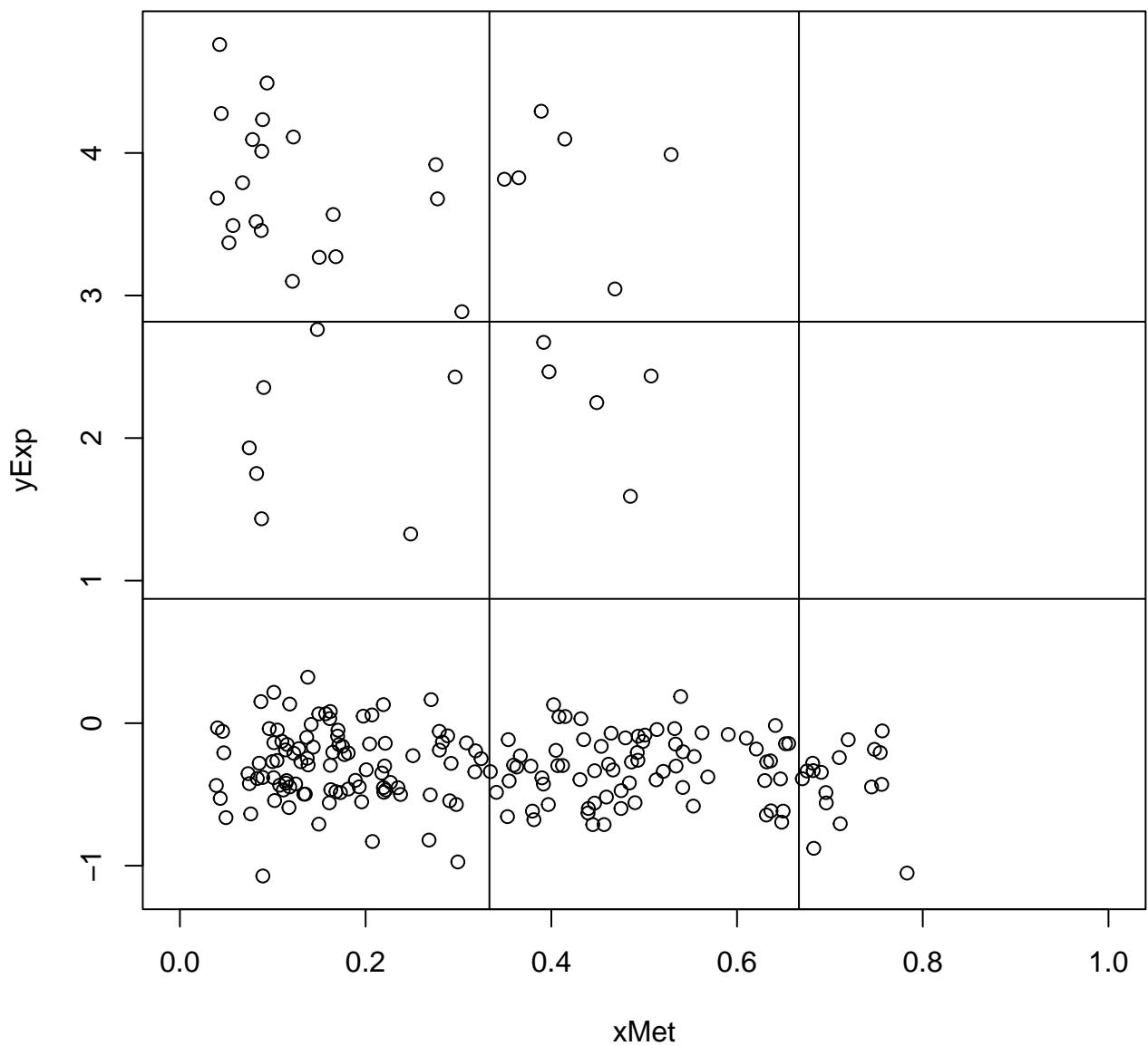
IFNA8, 66.4



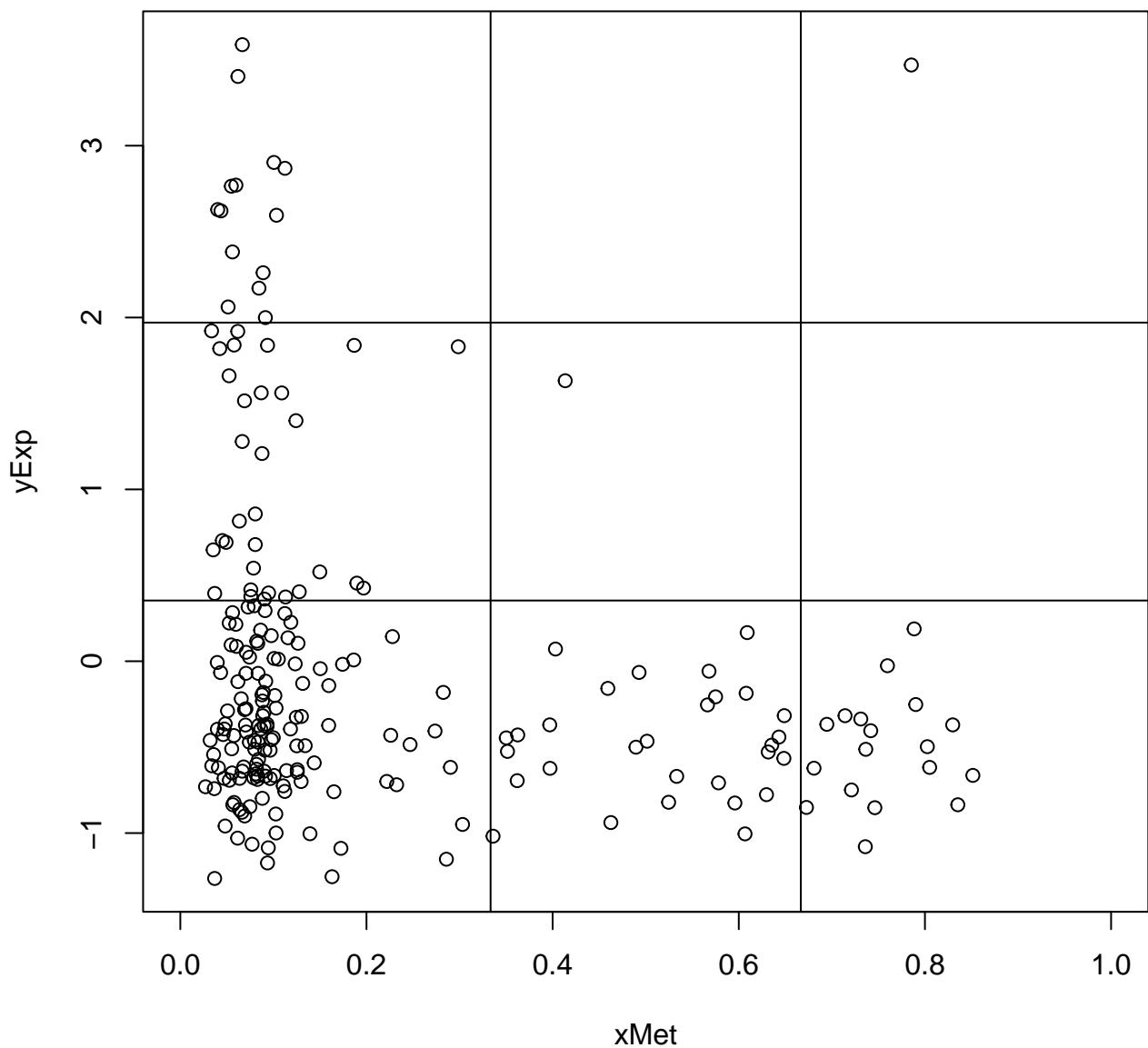
IFNG, 7.8



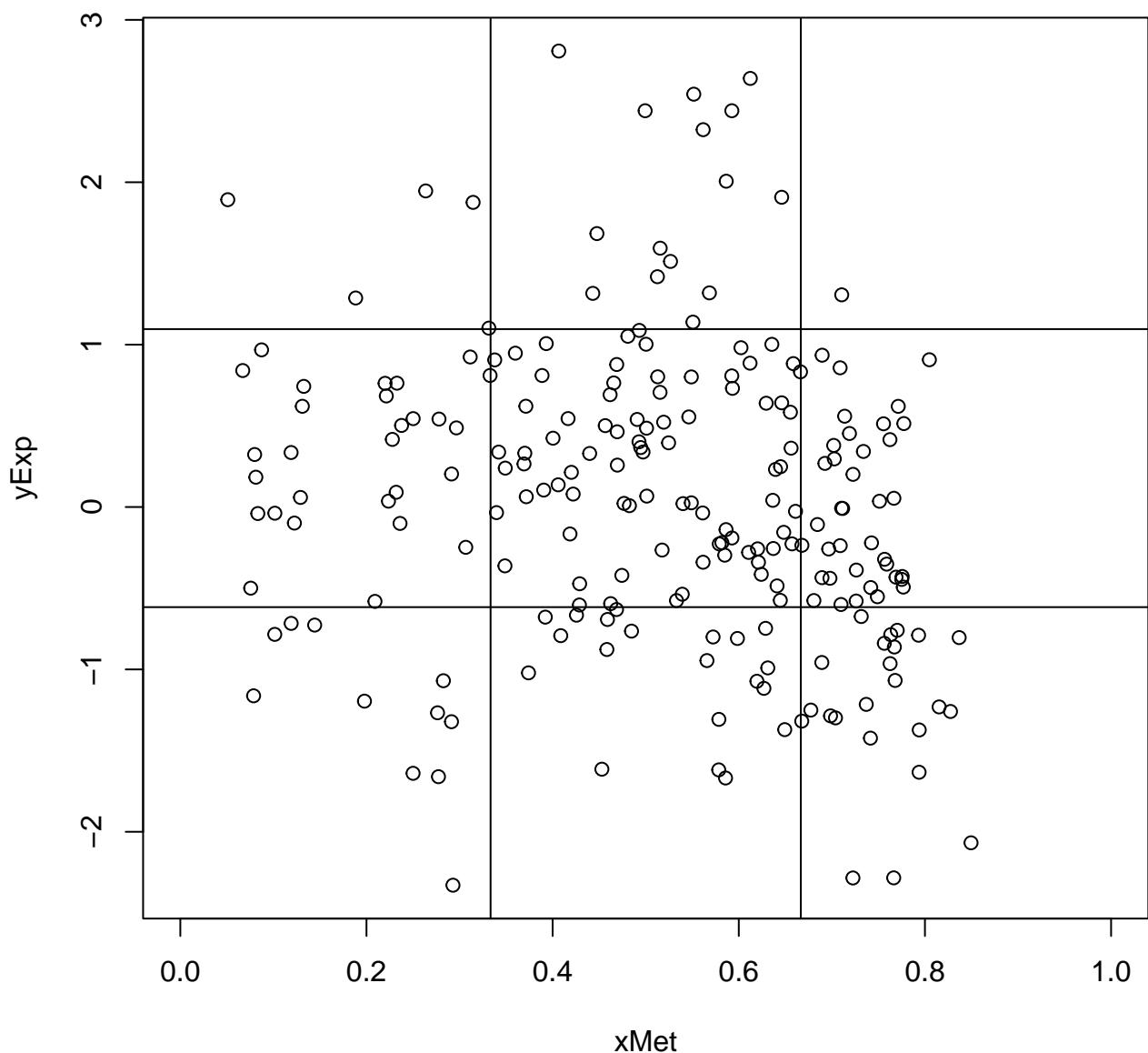
IGF2, 237



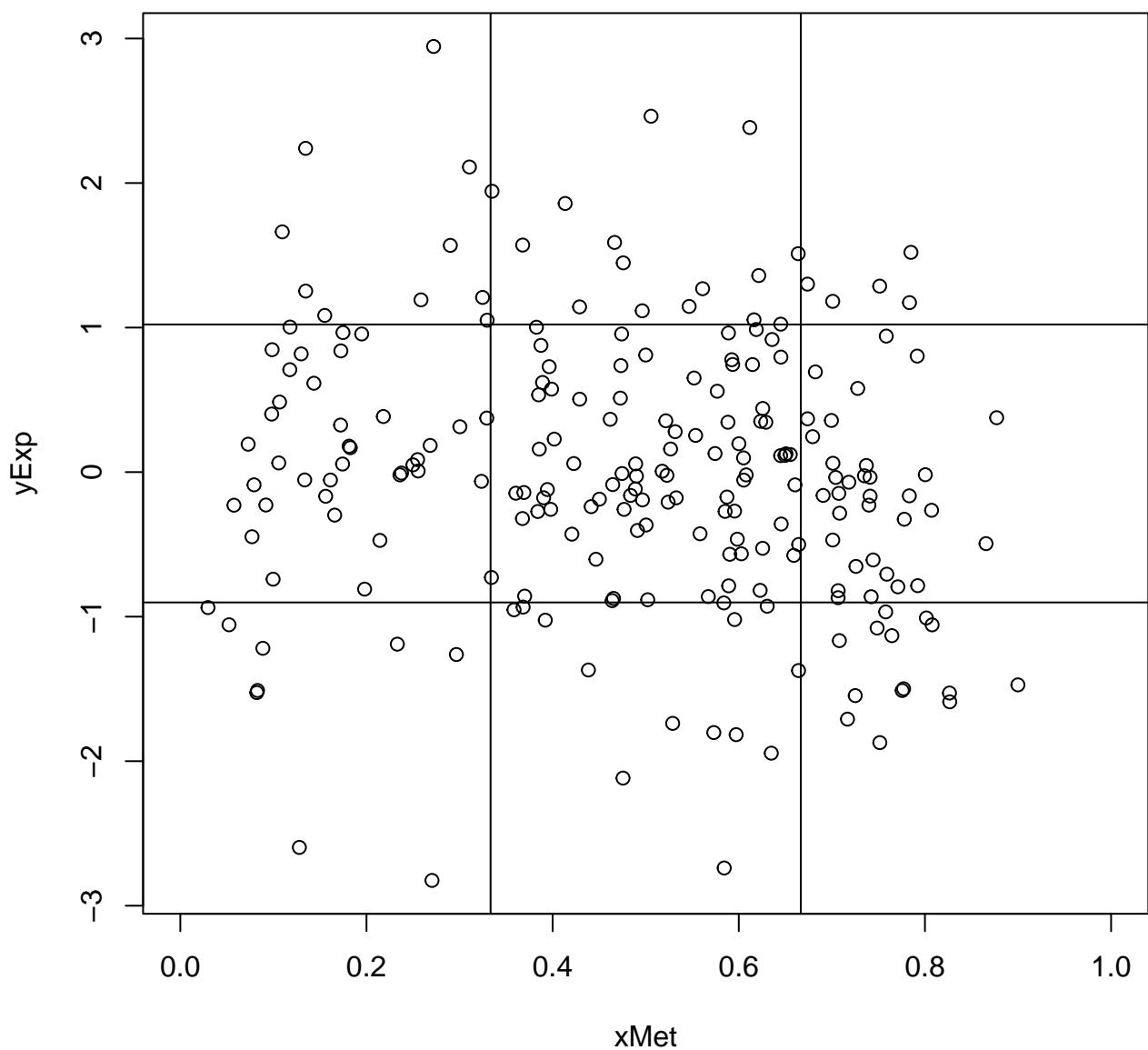
IGF2BP1, 208.4



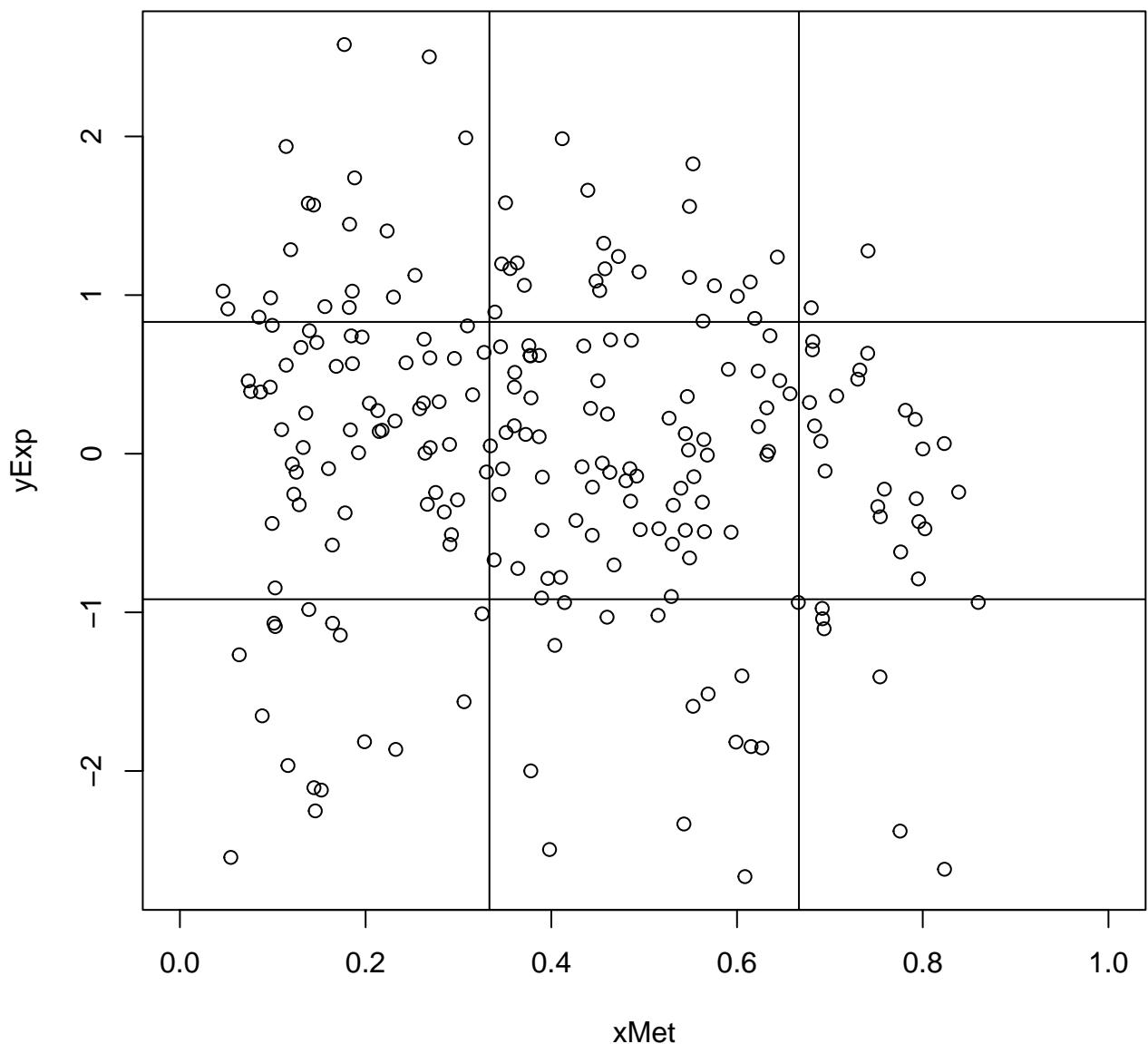
IGFBP3, -33.6



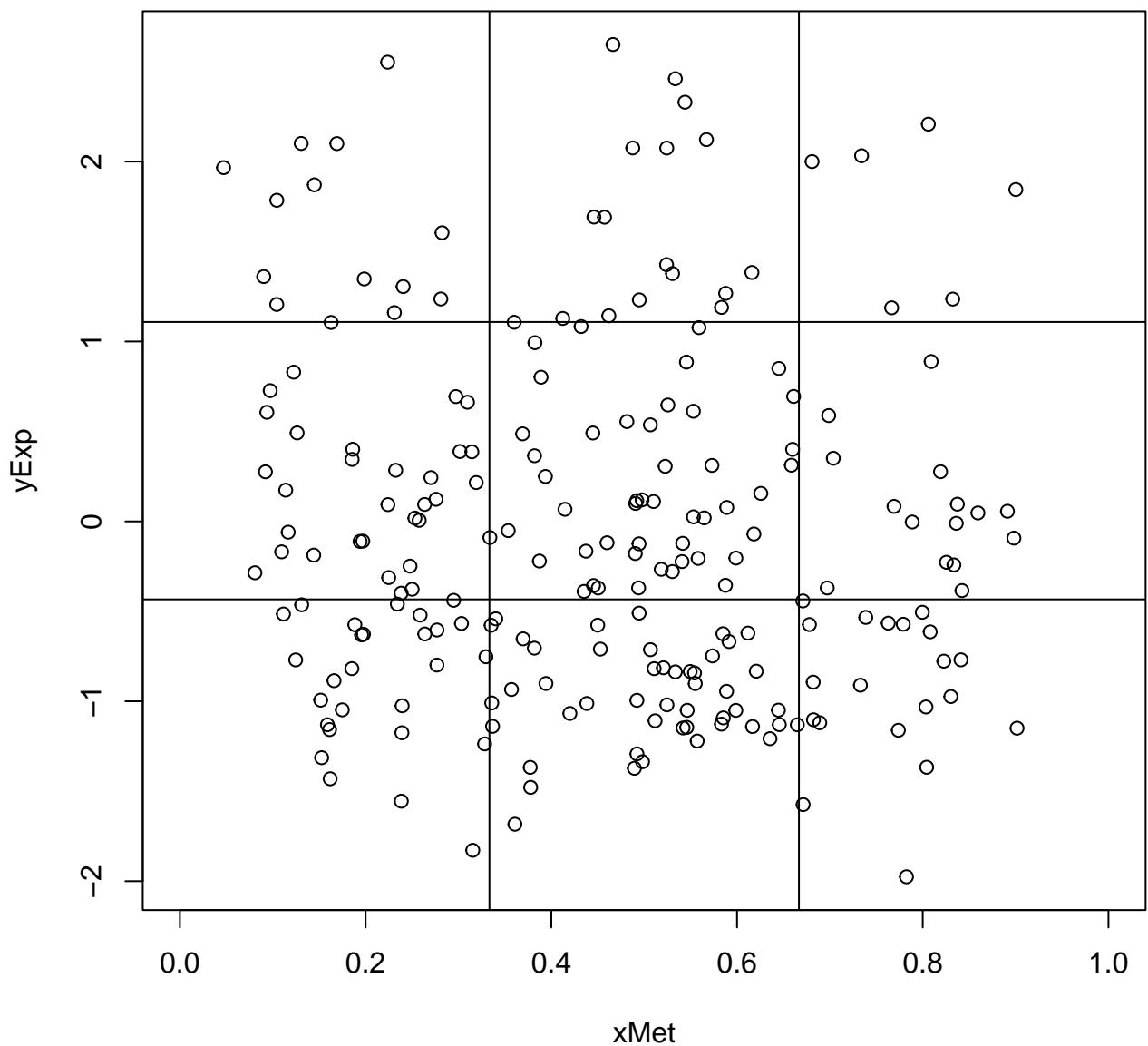
IGFBP5, -211



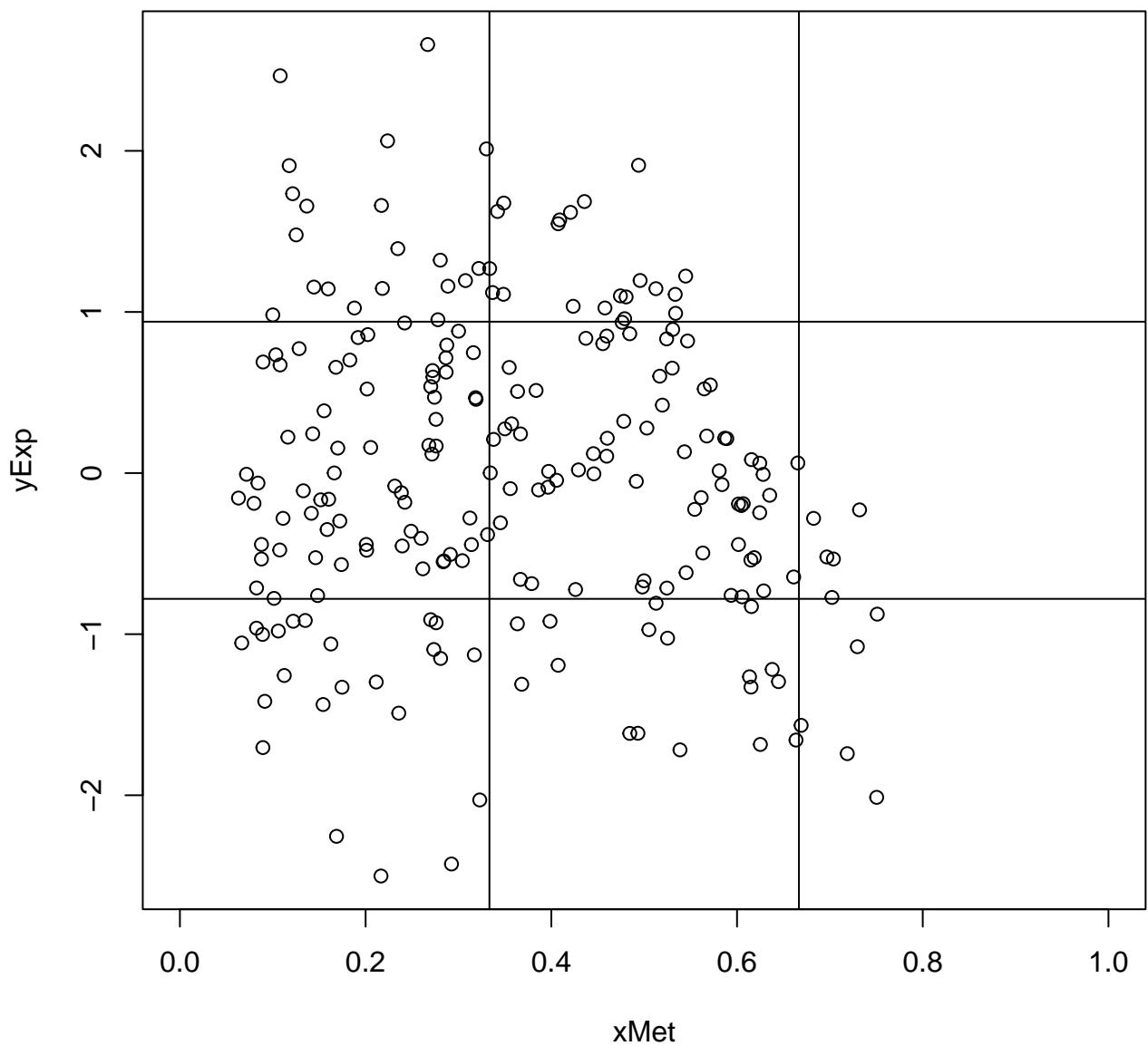
IGFBP7, -46.2



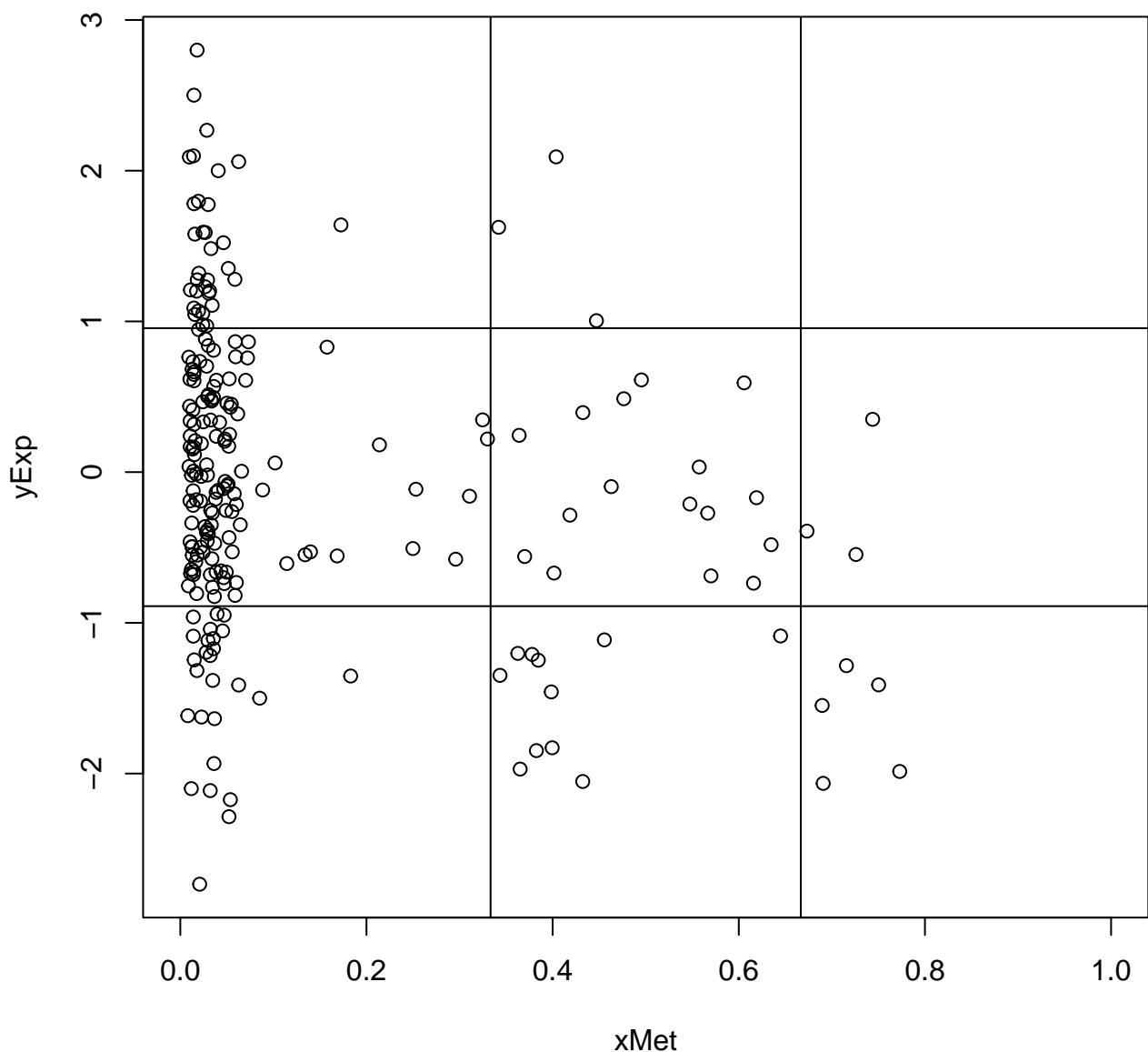
IL11, -158.6



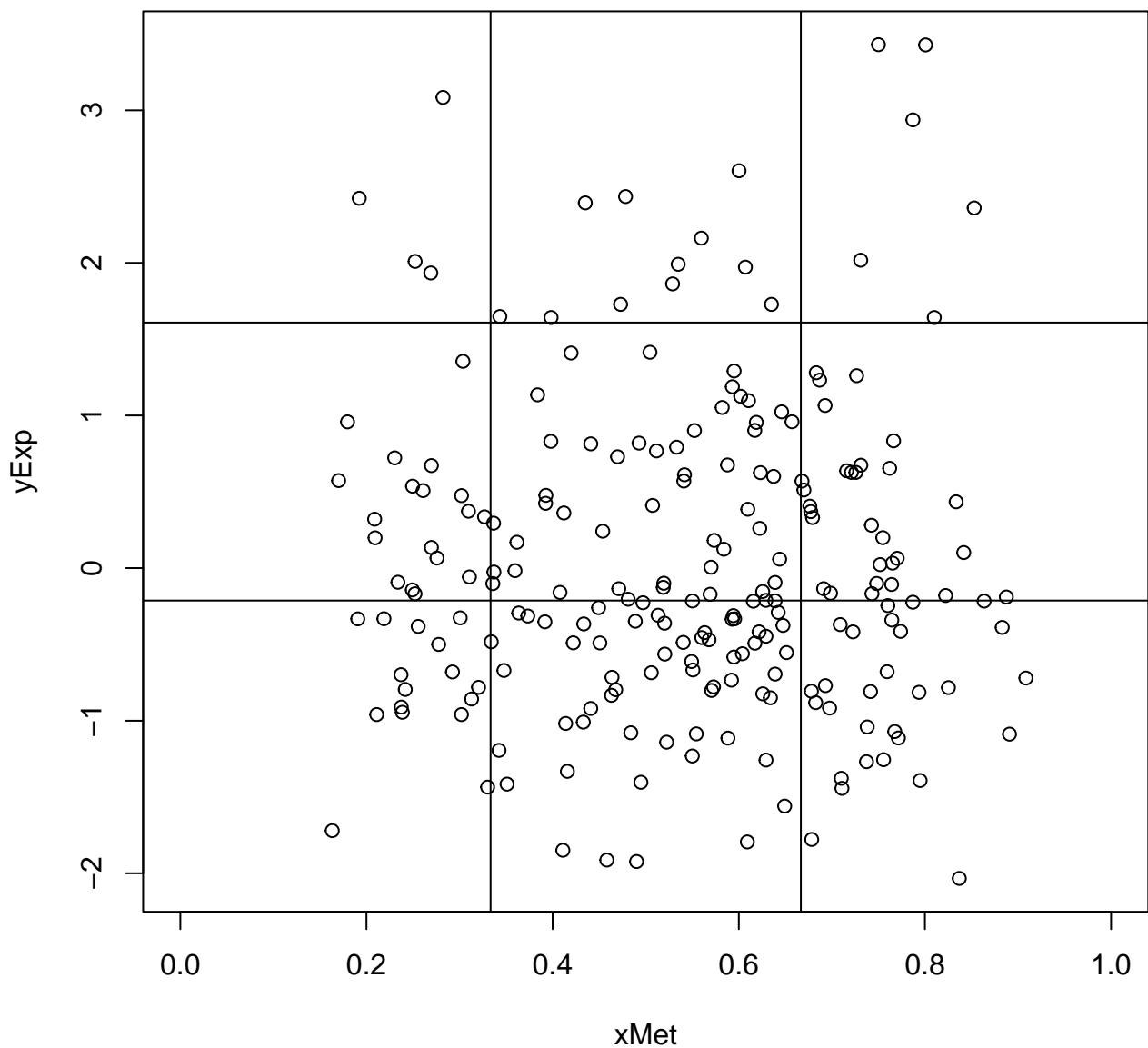
IL16, 106



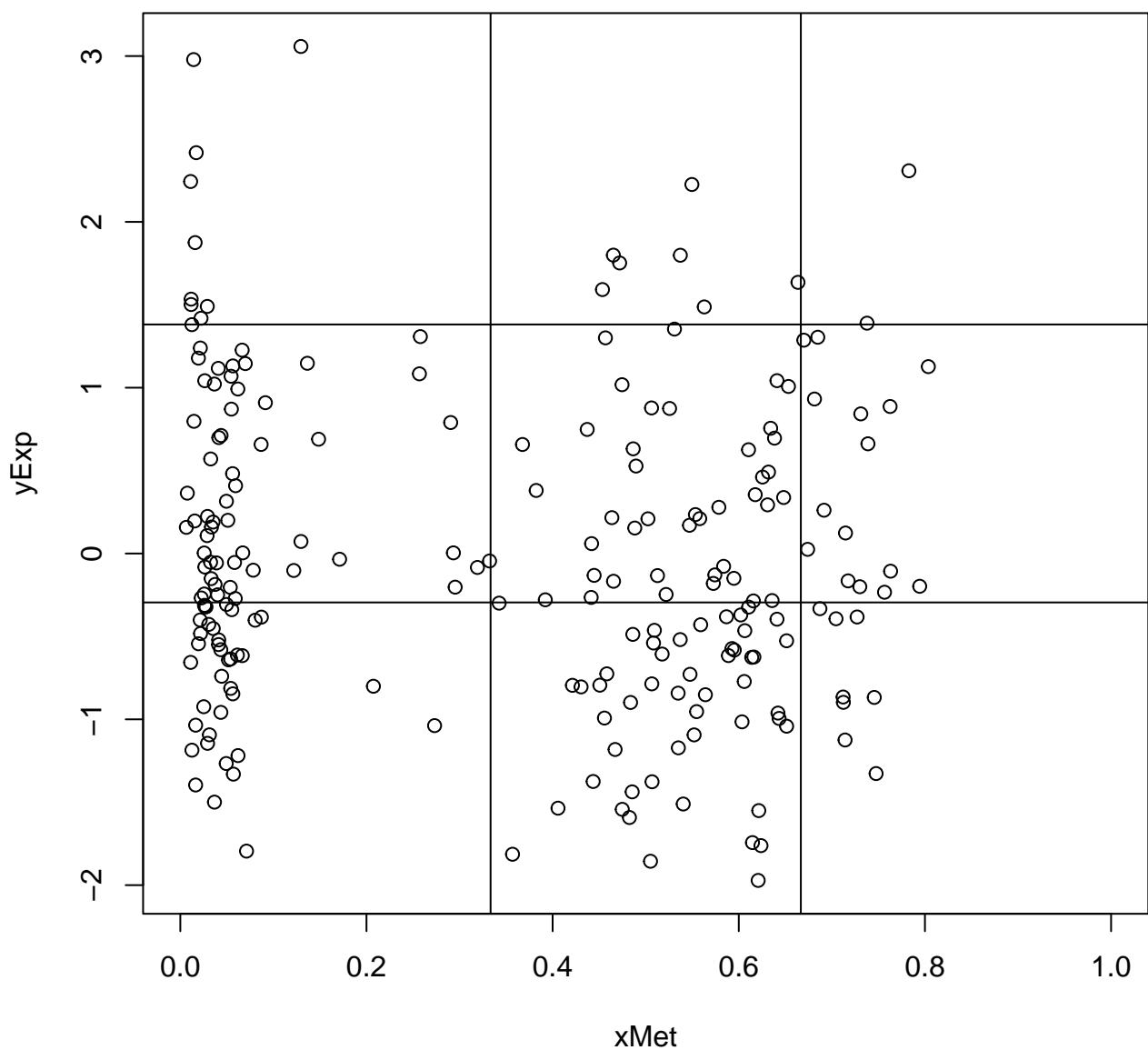
IL17RC, 227



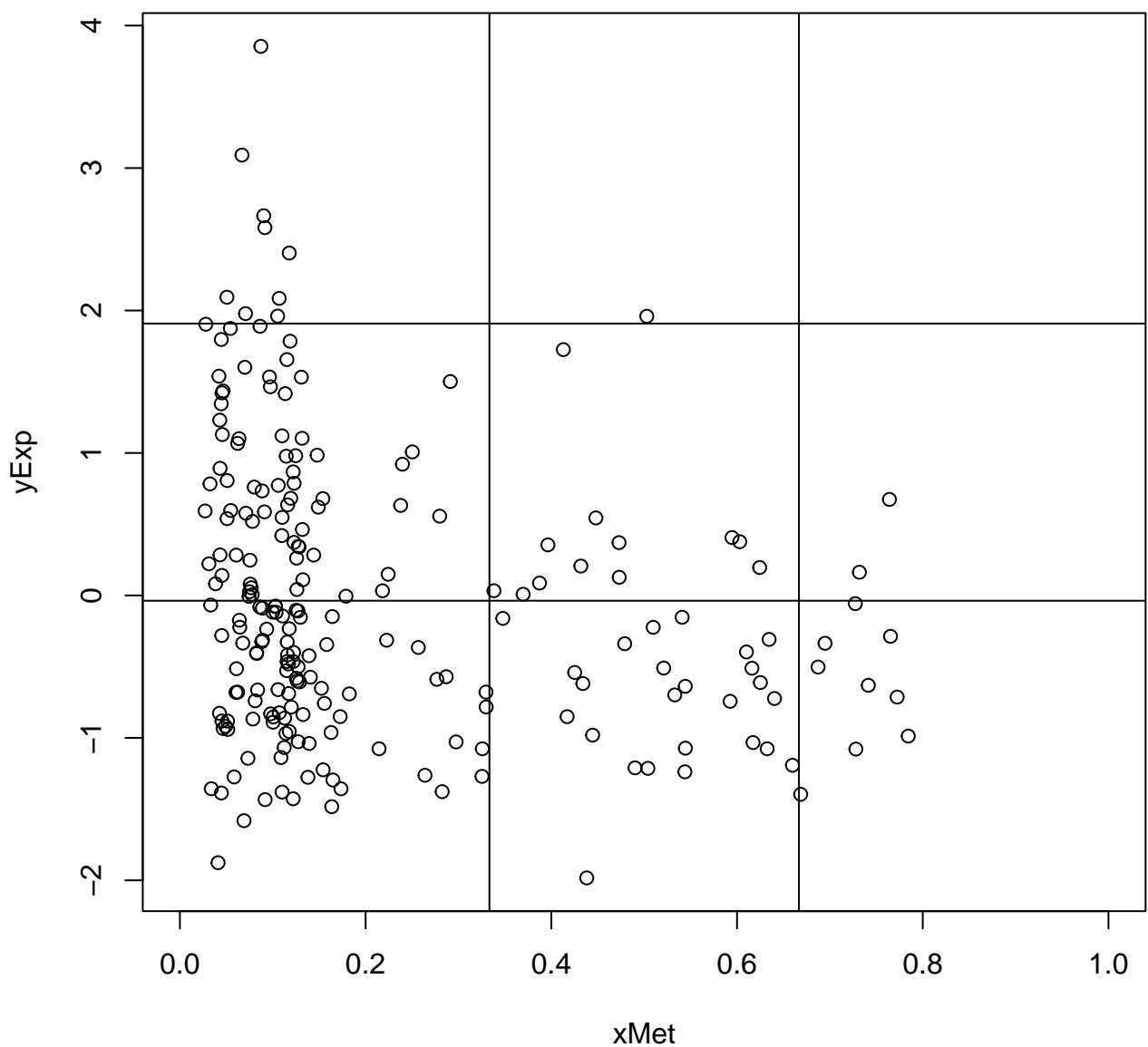
IL26, -187.6



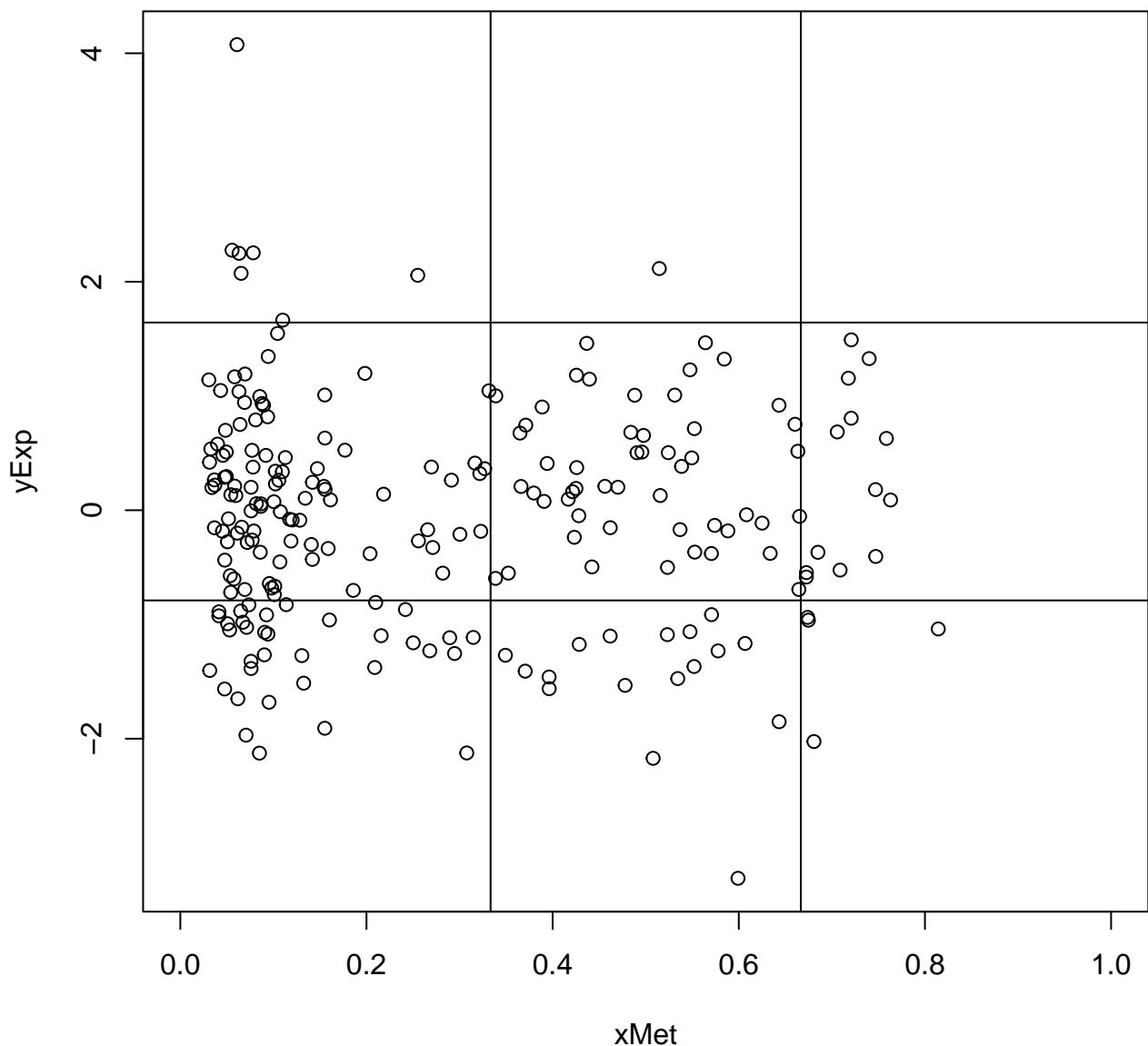
INHA, 42.8



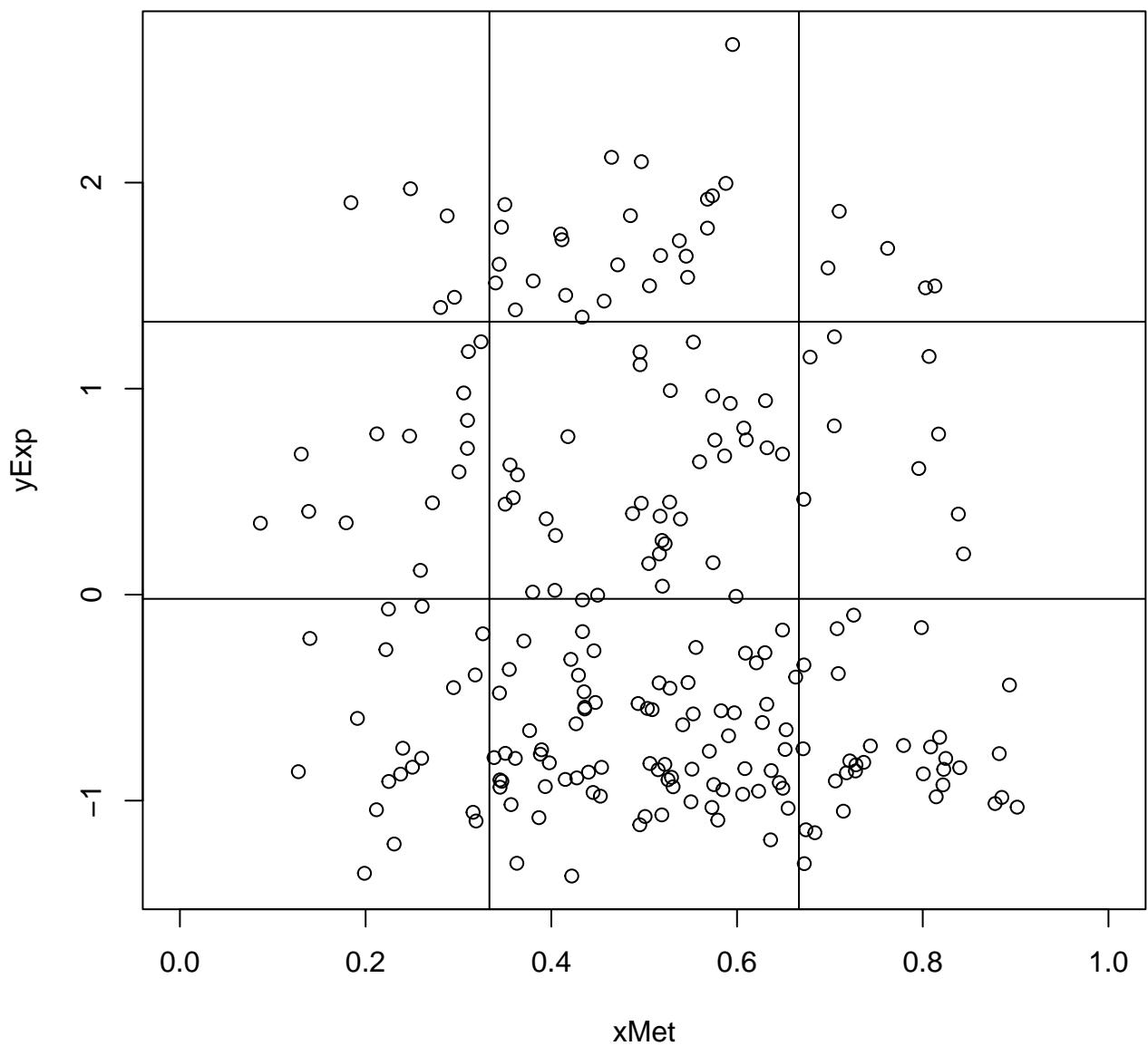
INHBB, 220



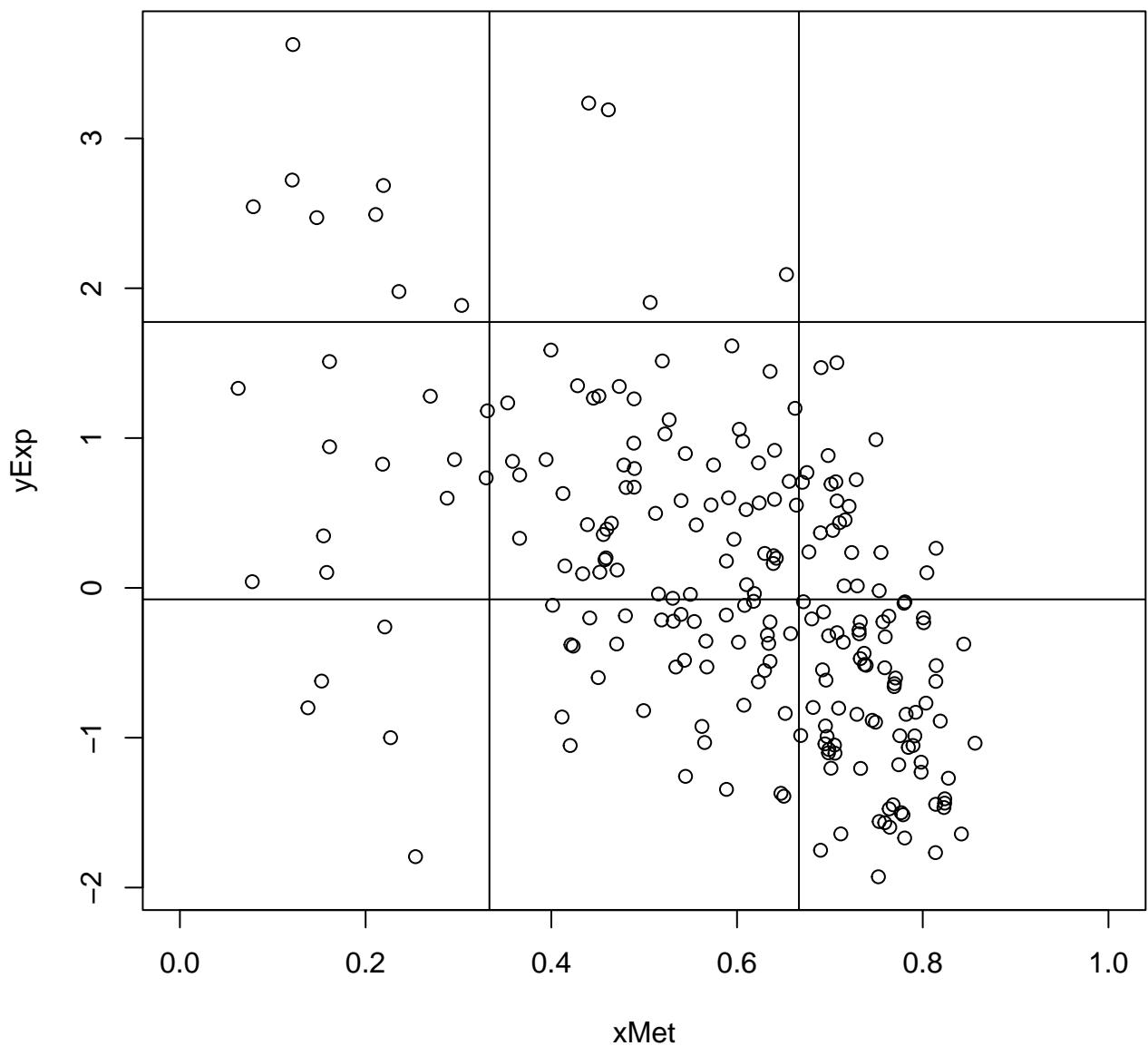
INPP5B, 141



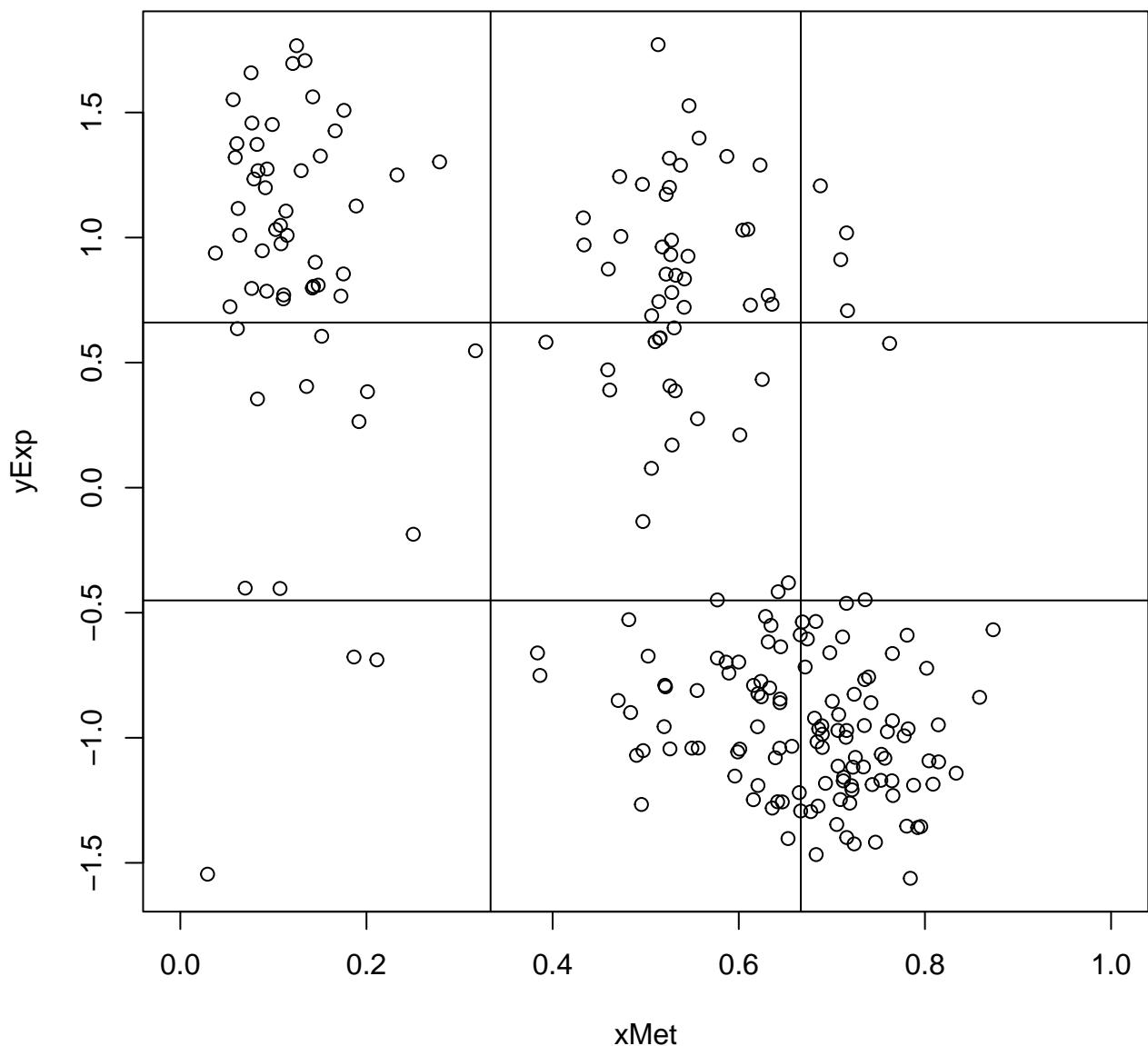
INSL5, -107



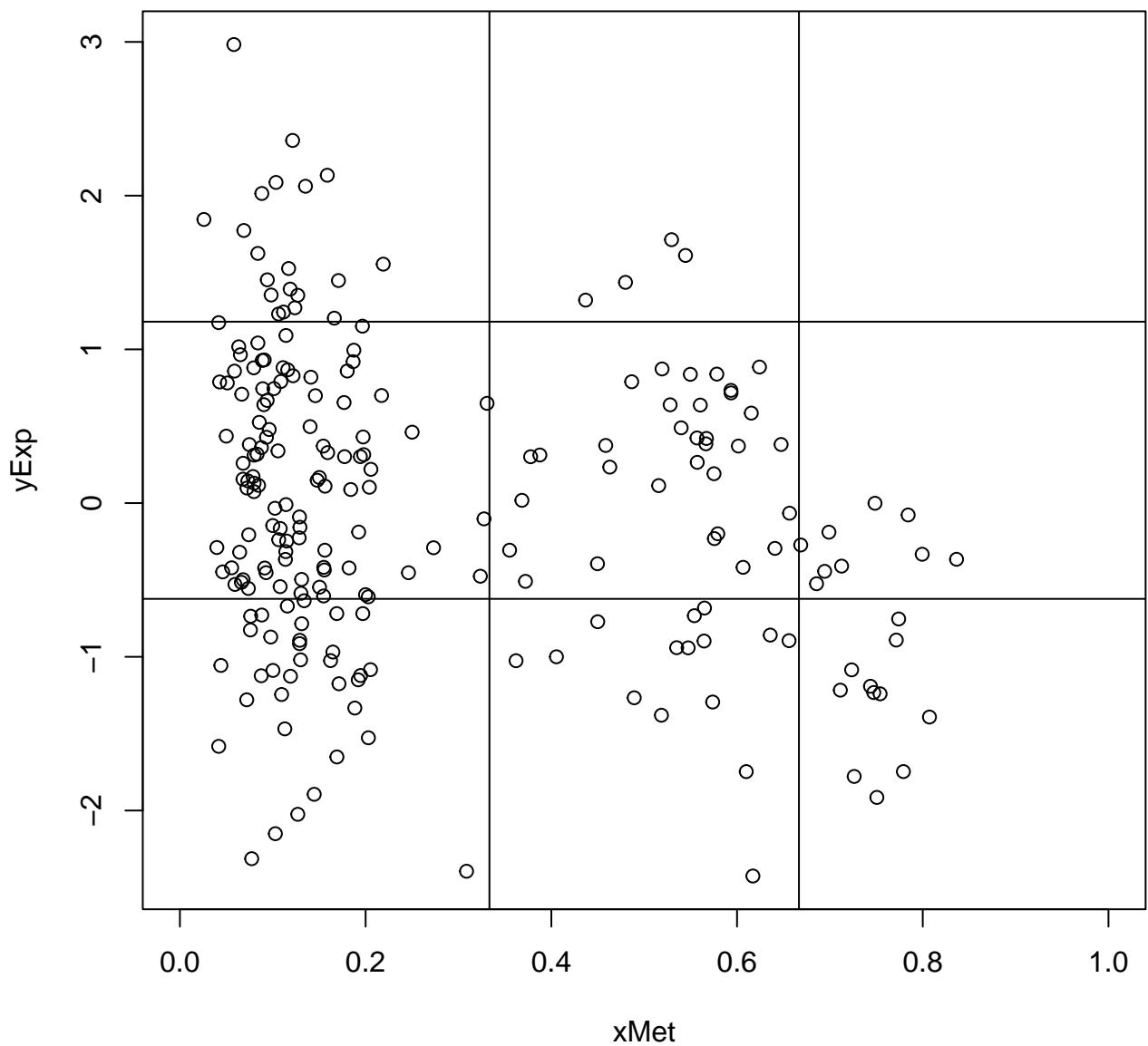
IRAK3, 164



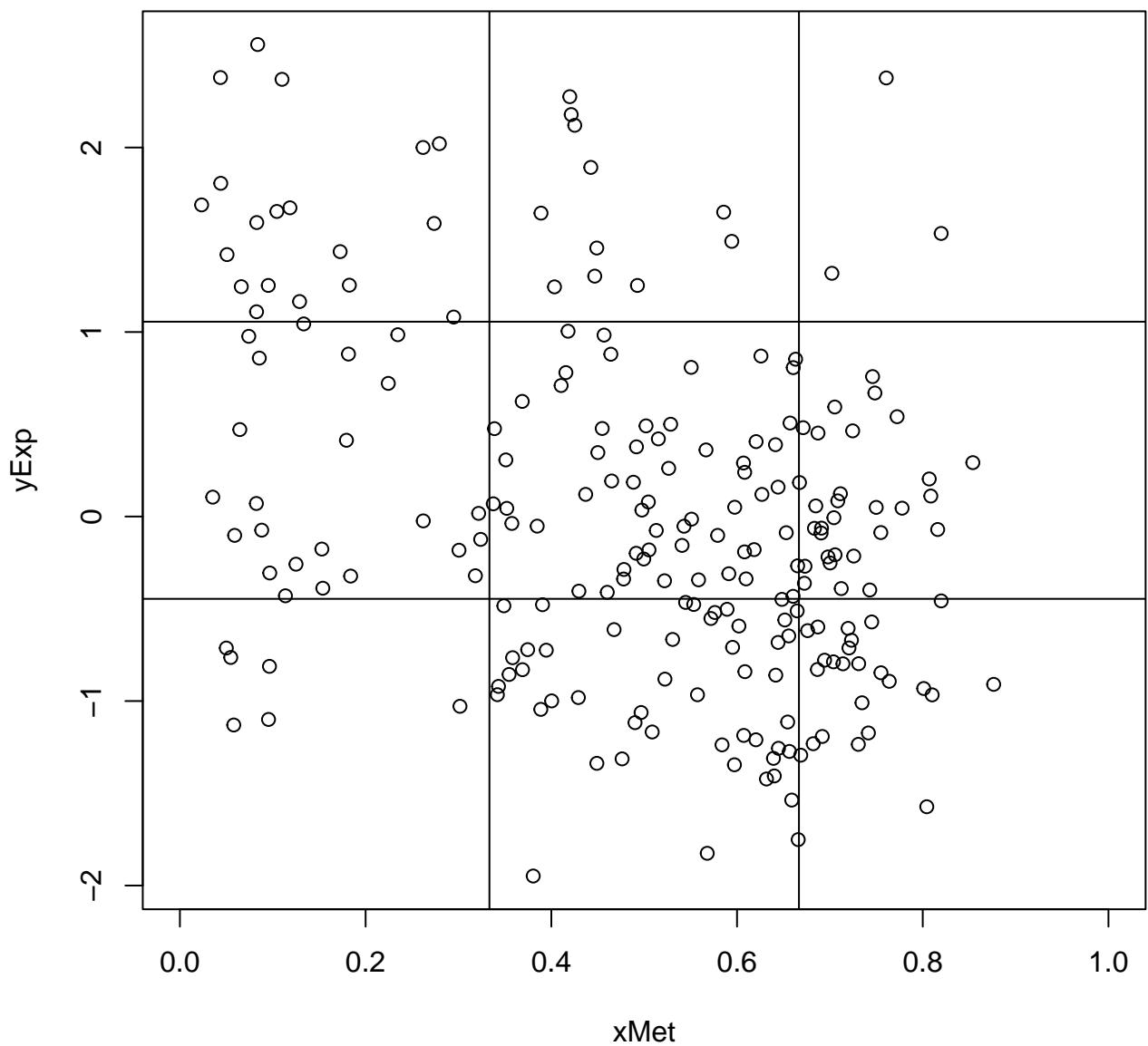
IRX2, 31.6



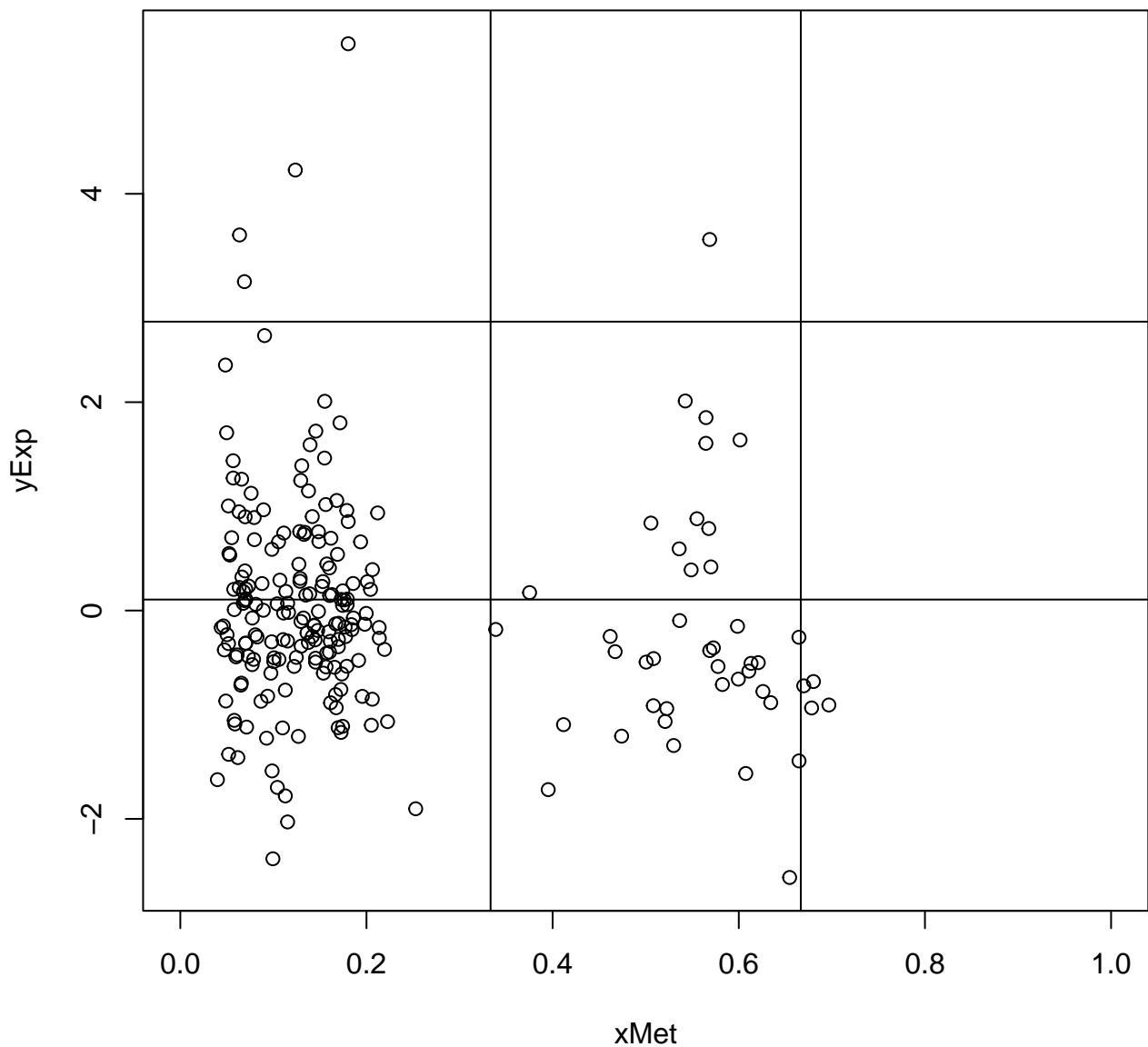
IRX5, 183



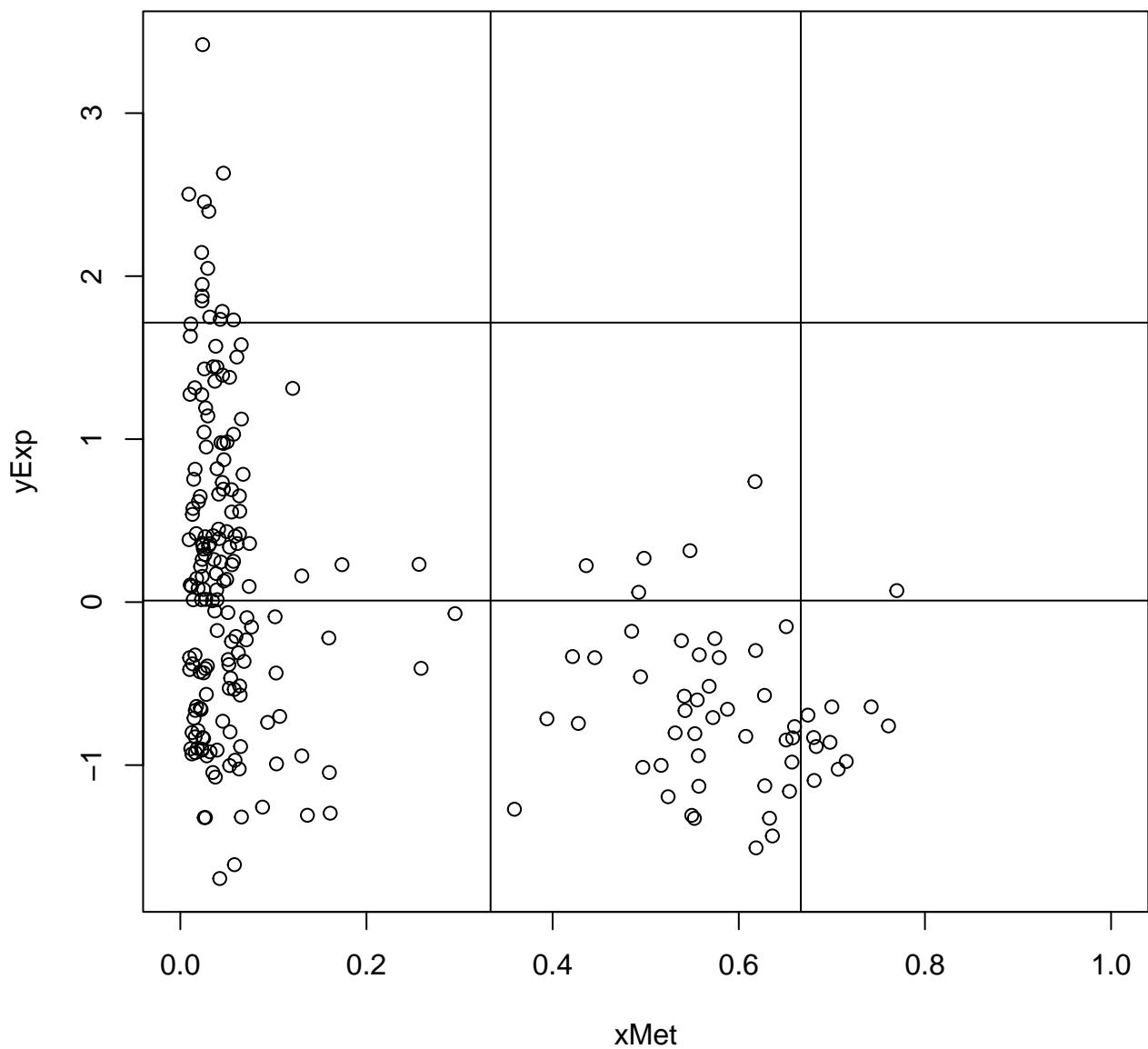
ISL1, -51.8



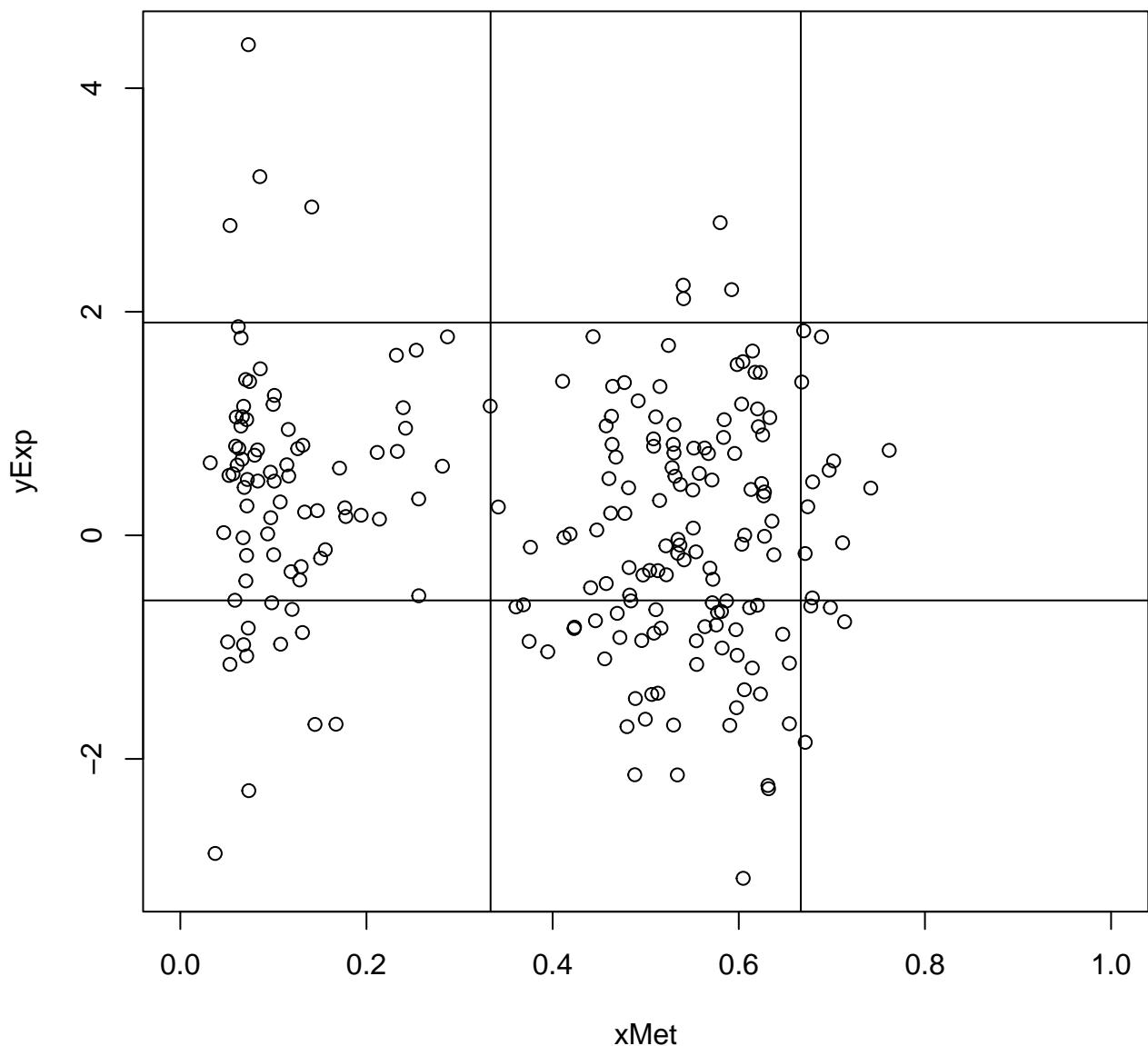
ISYNA1, 217



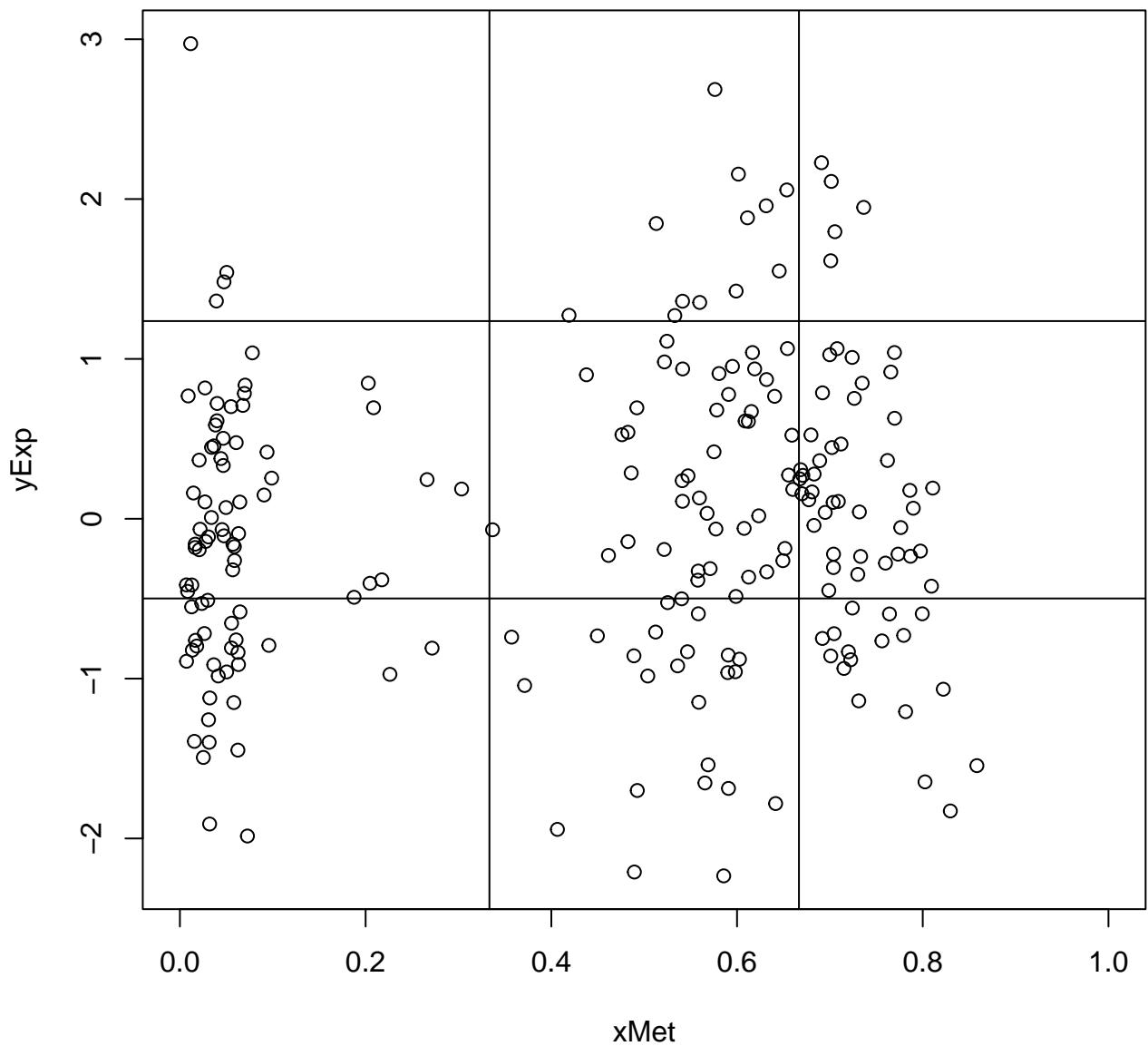
ITGA9, 239



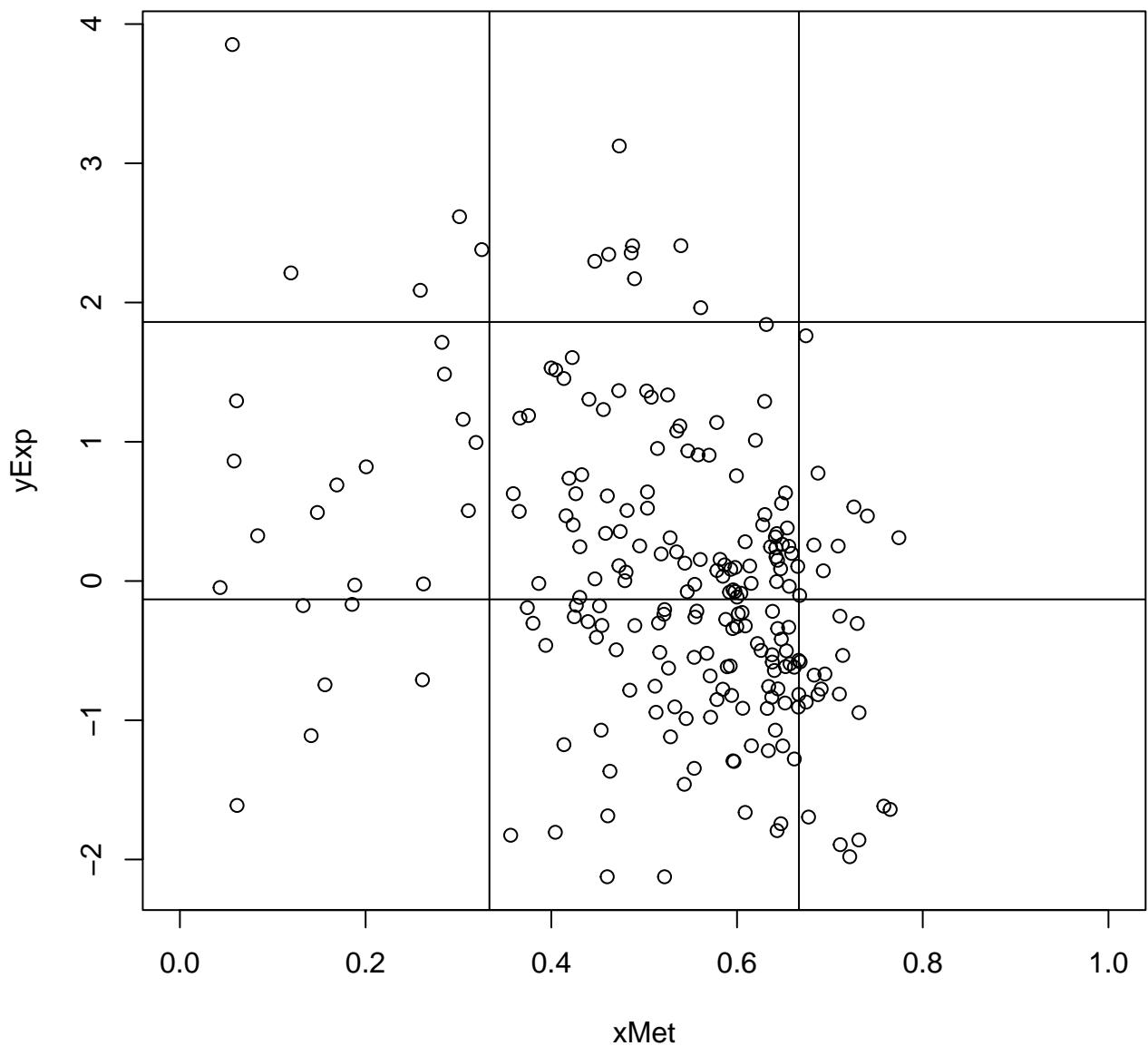
ITPKB, 108



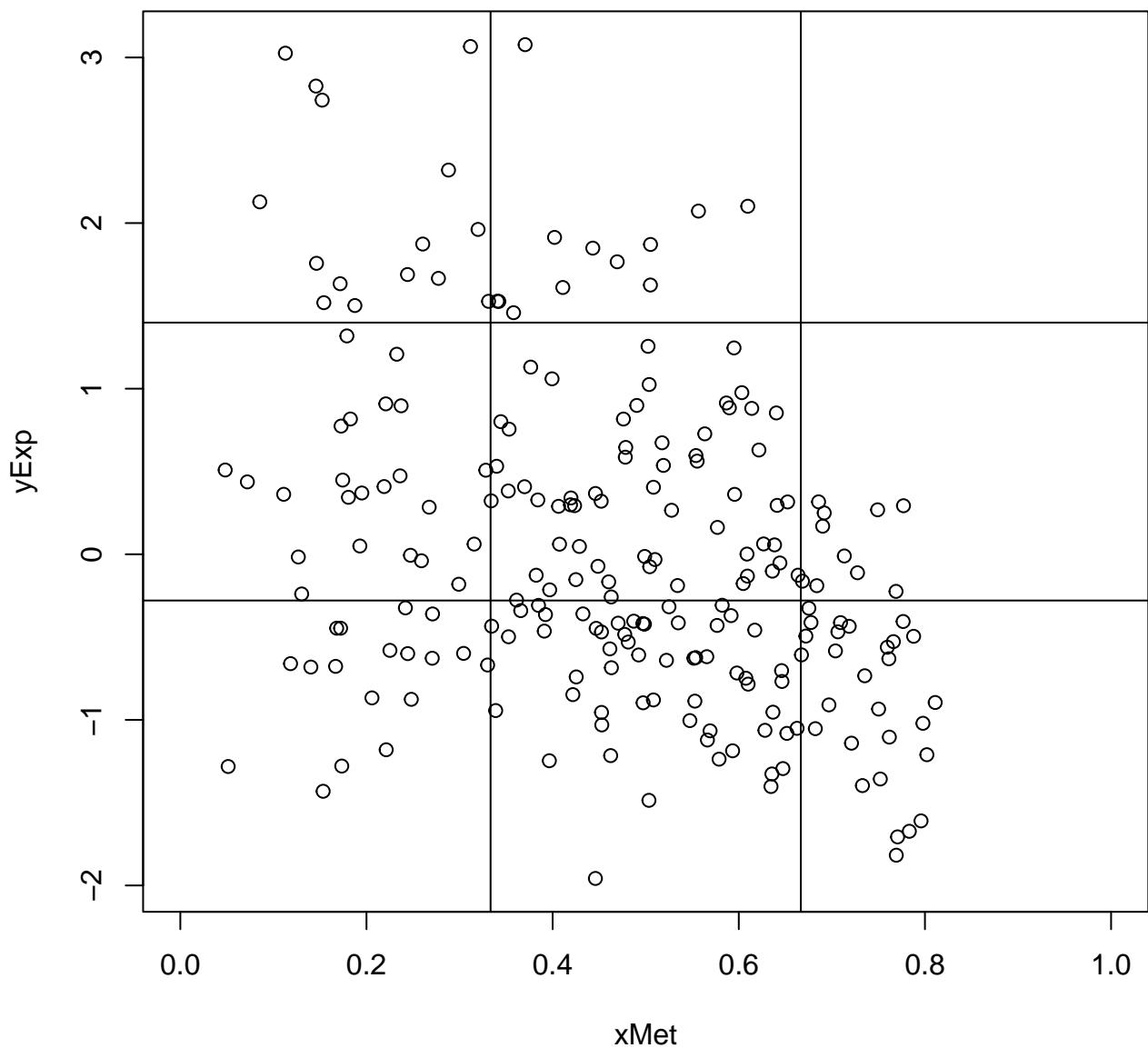
JAKMIP1, -184



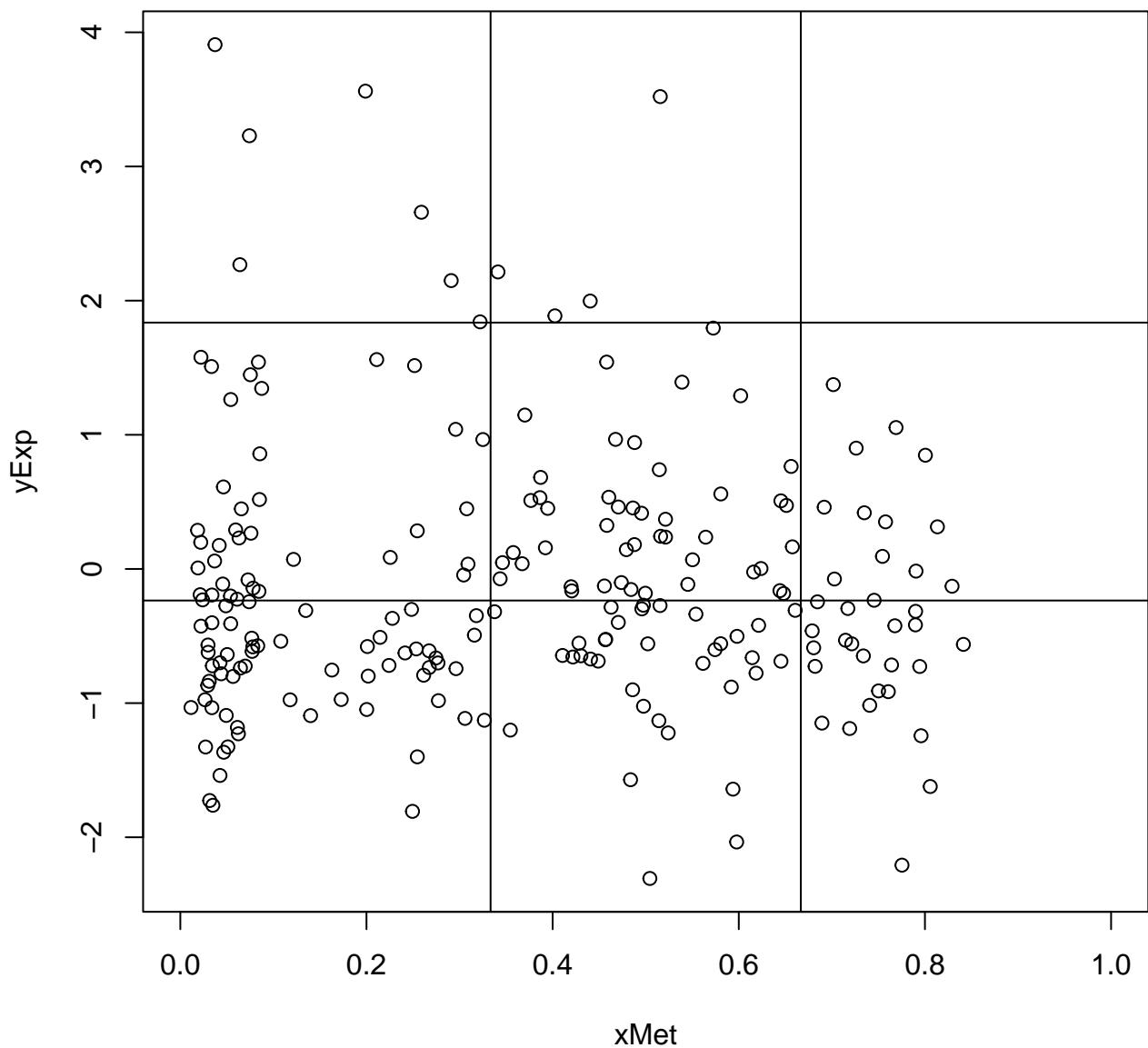
JAM3, 111



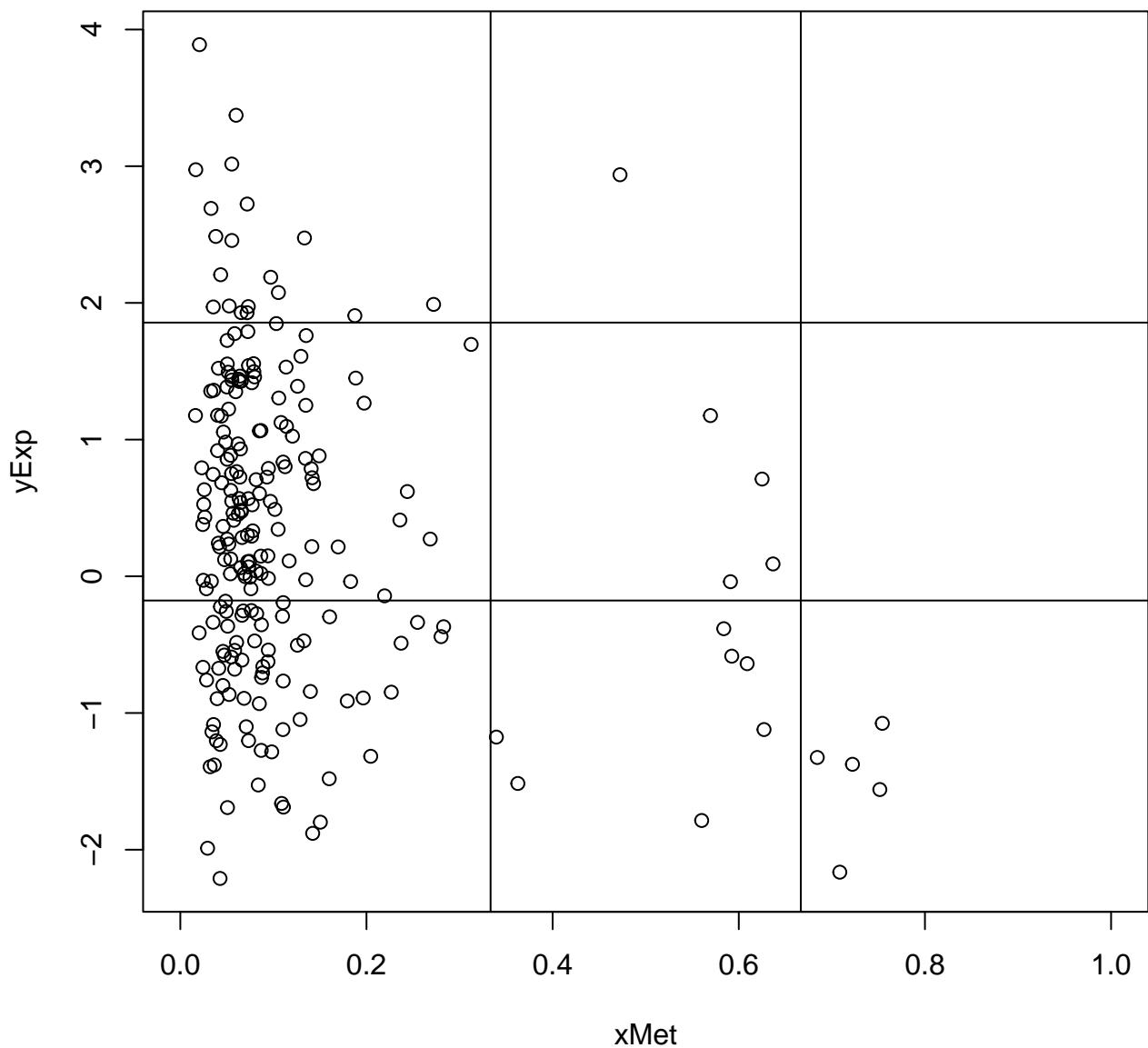
KCNA2, 140



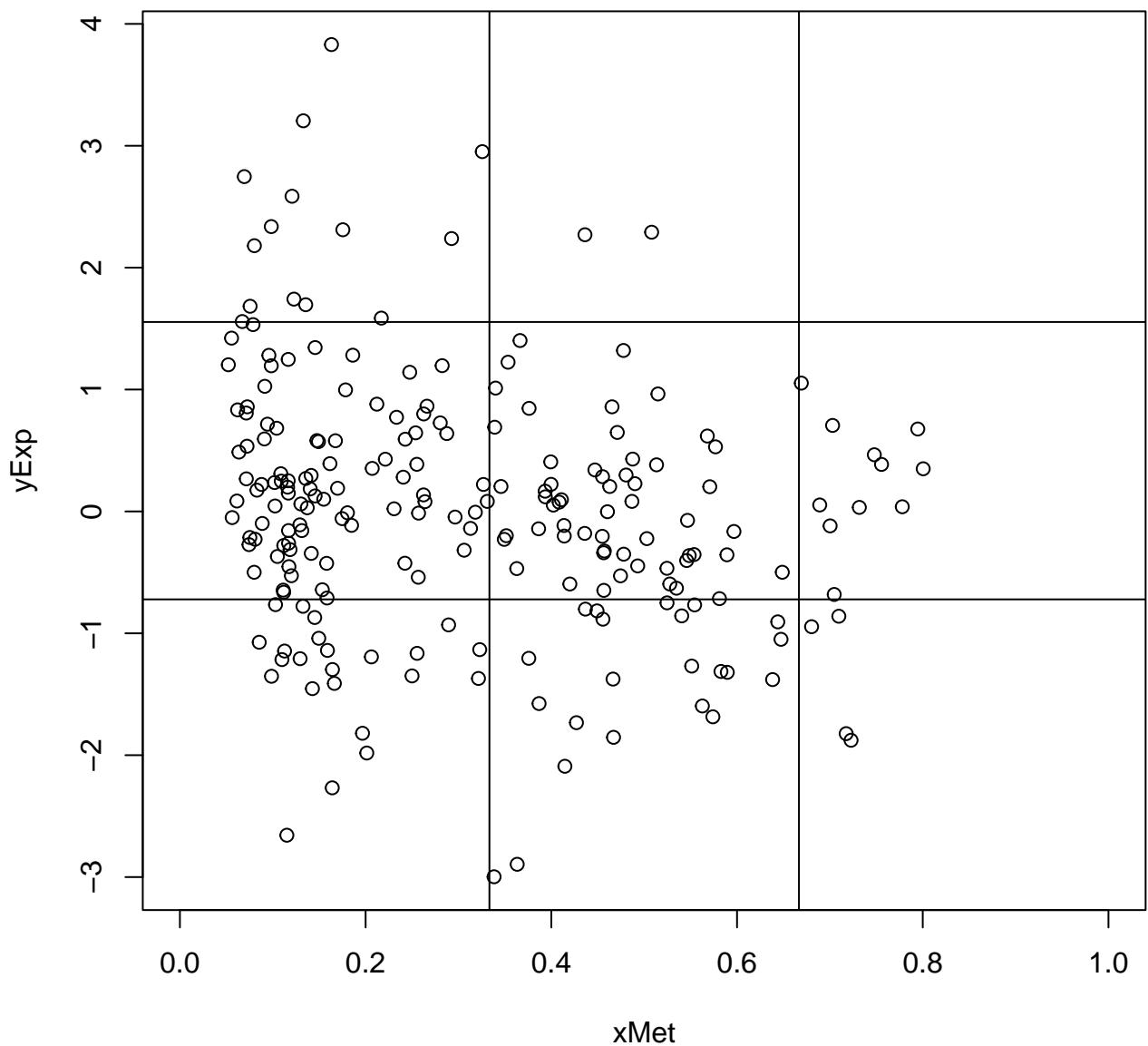
KCND2, 156



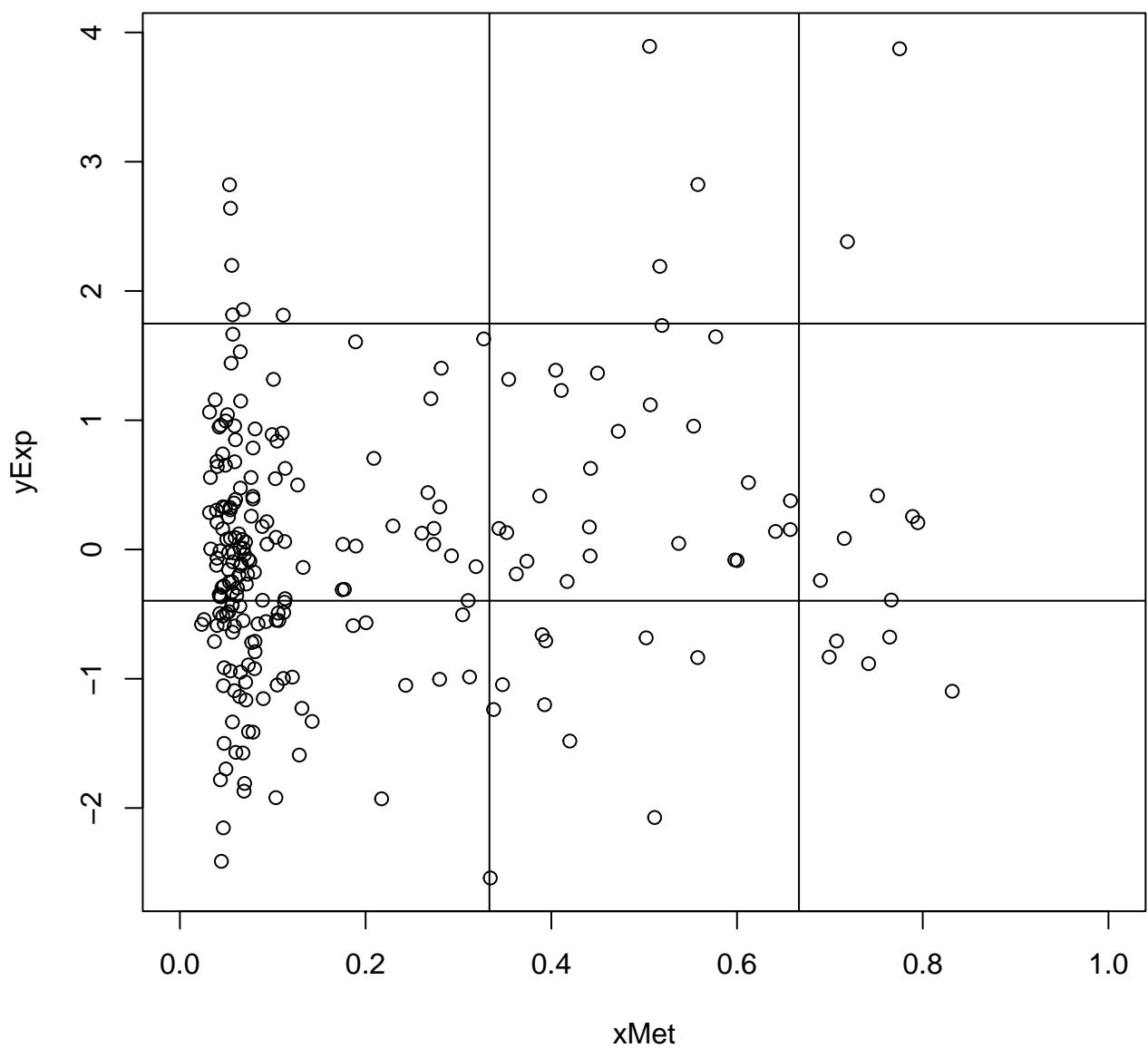
KCNH2, 240



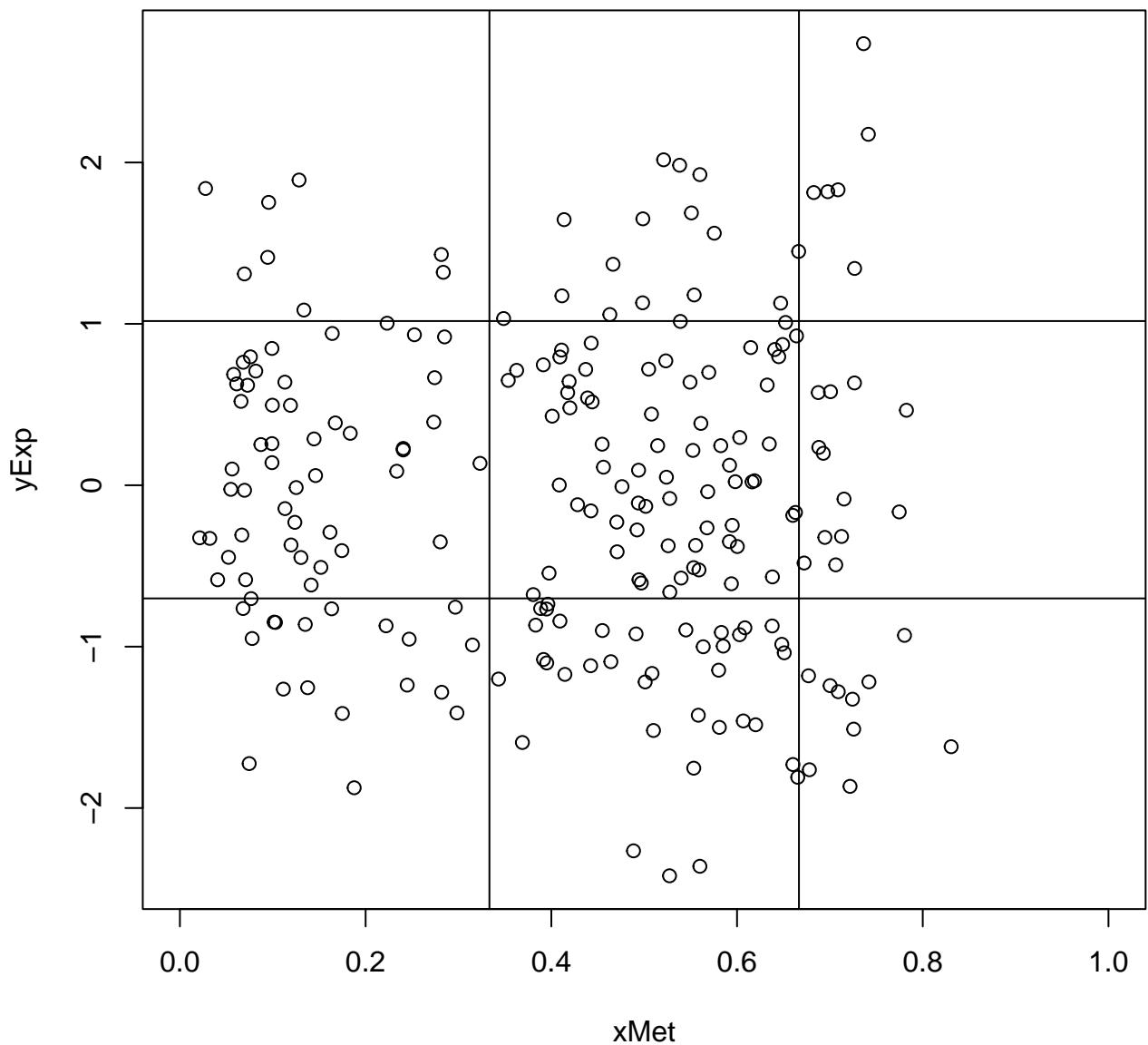
KCNH4, 146



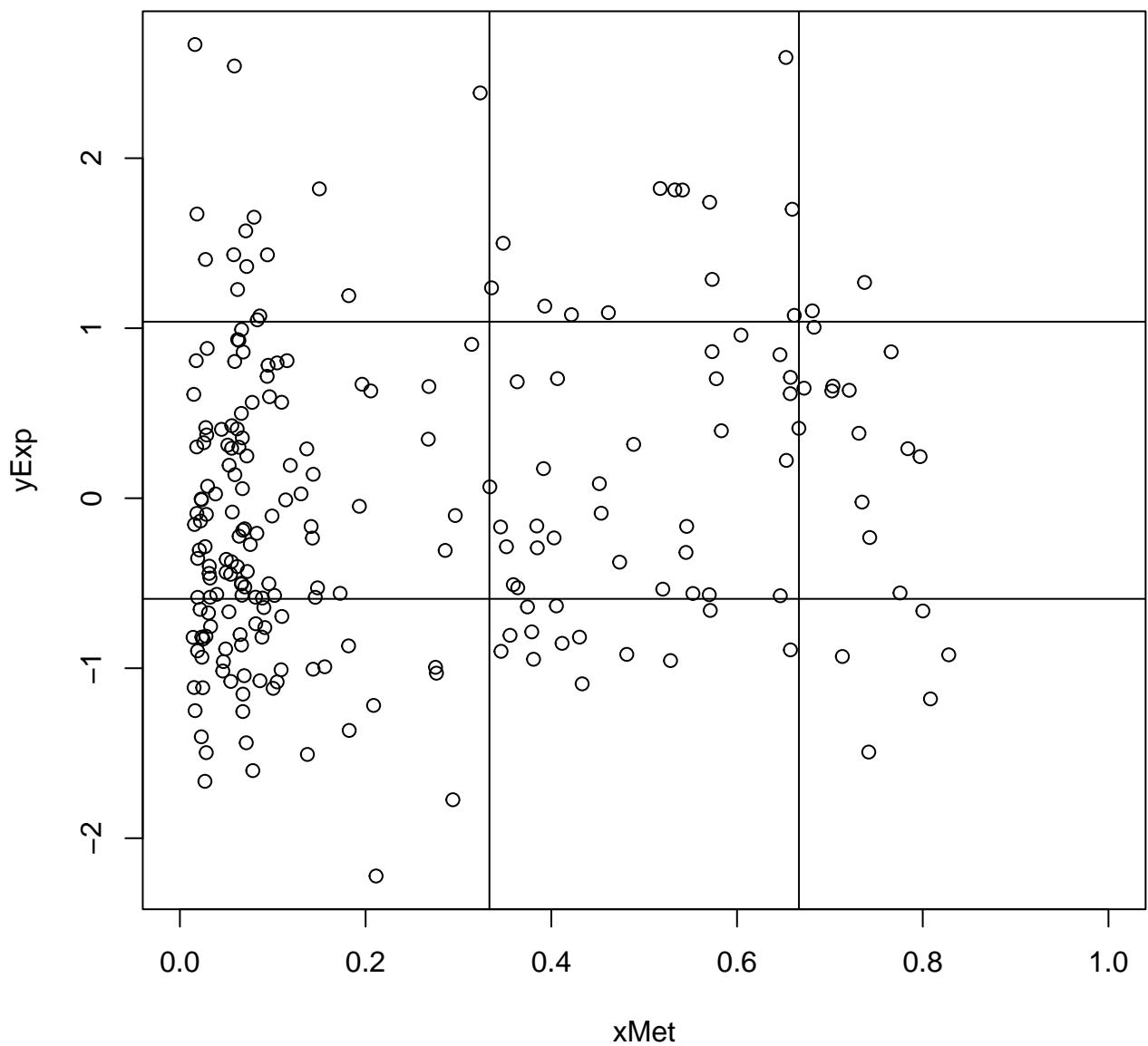
KCNJ10, 90.8



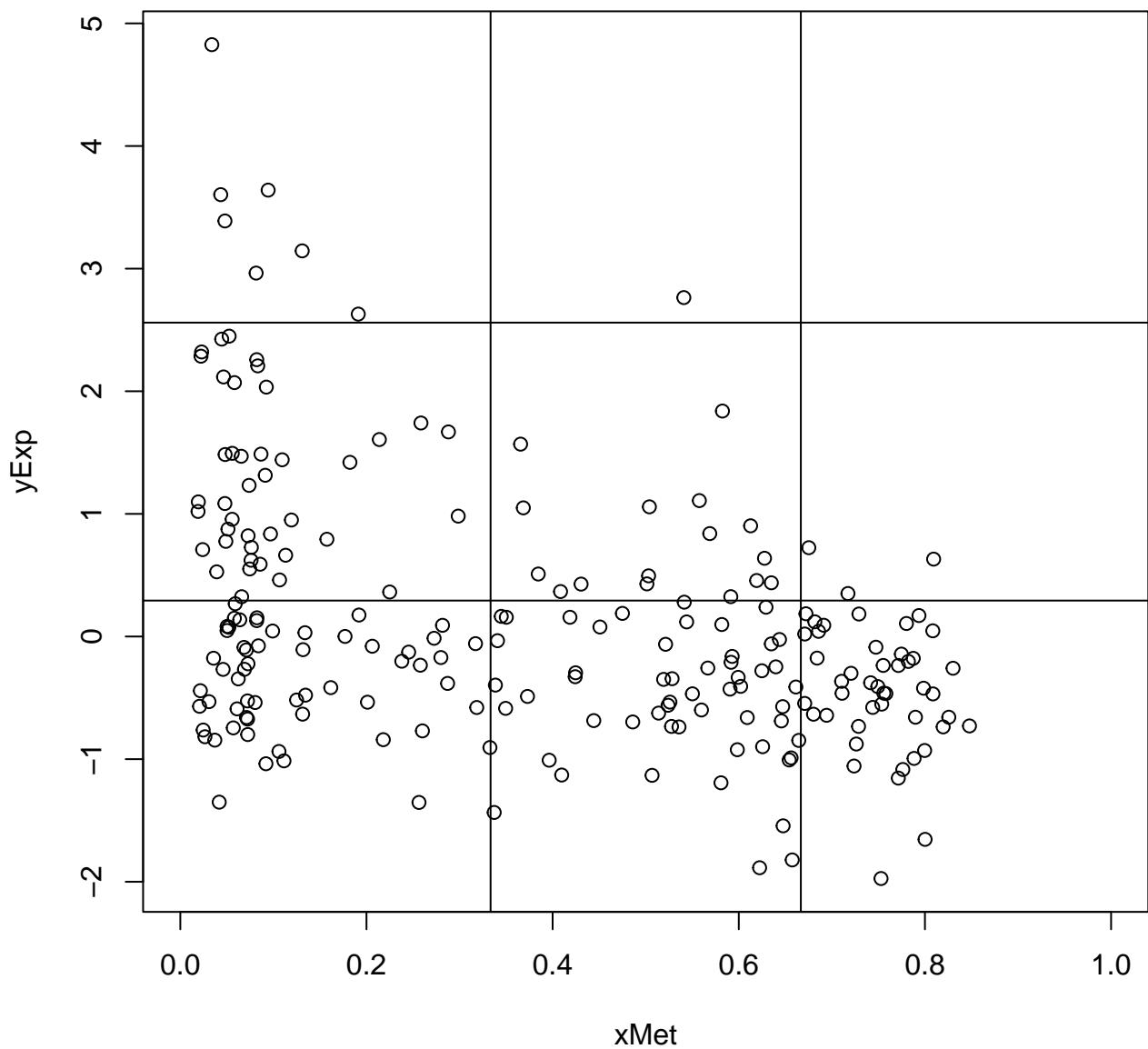
KCNK10, -182.6



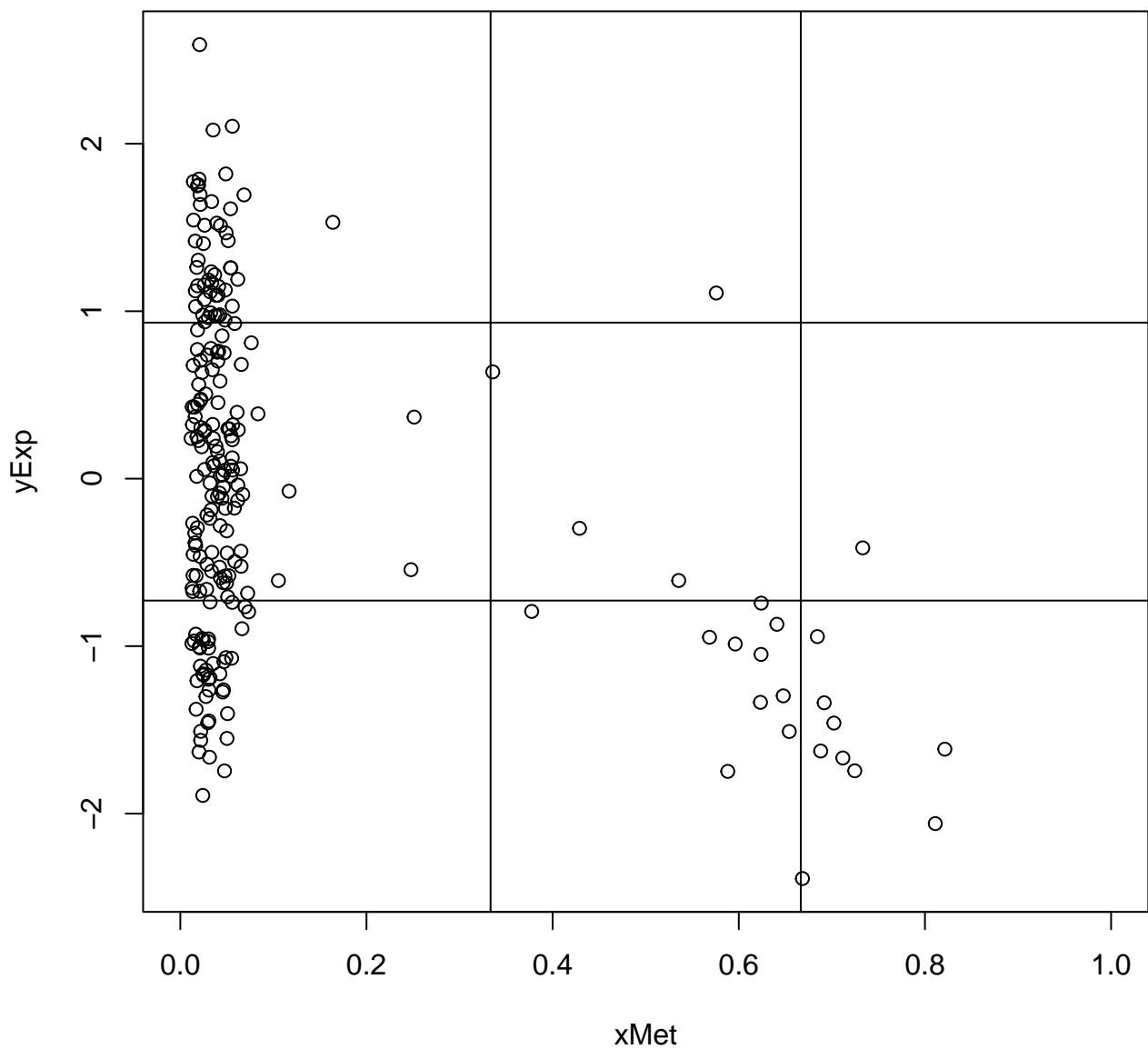
KCNK13, 46.8



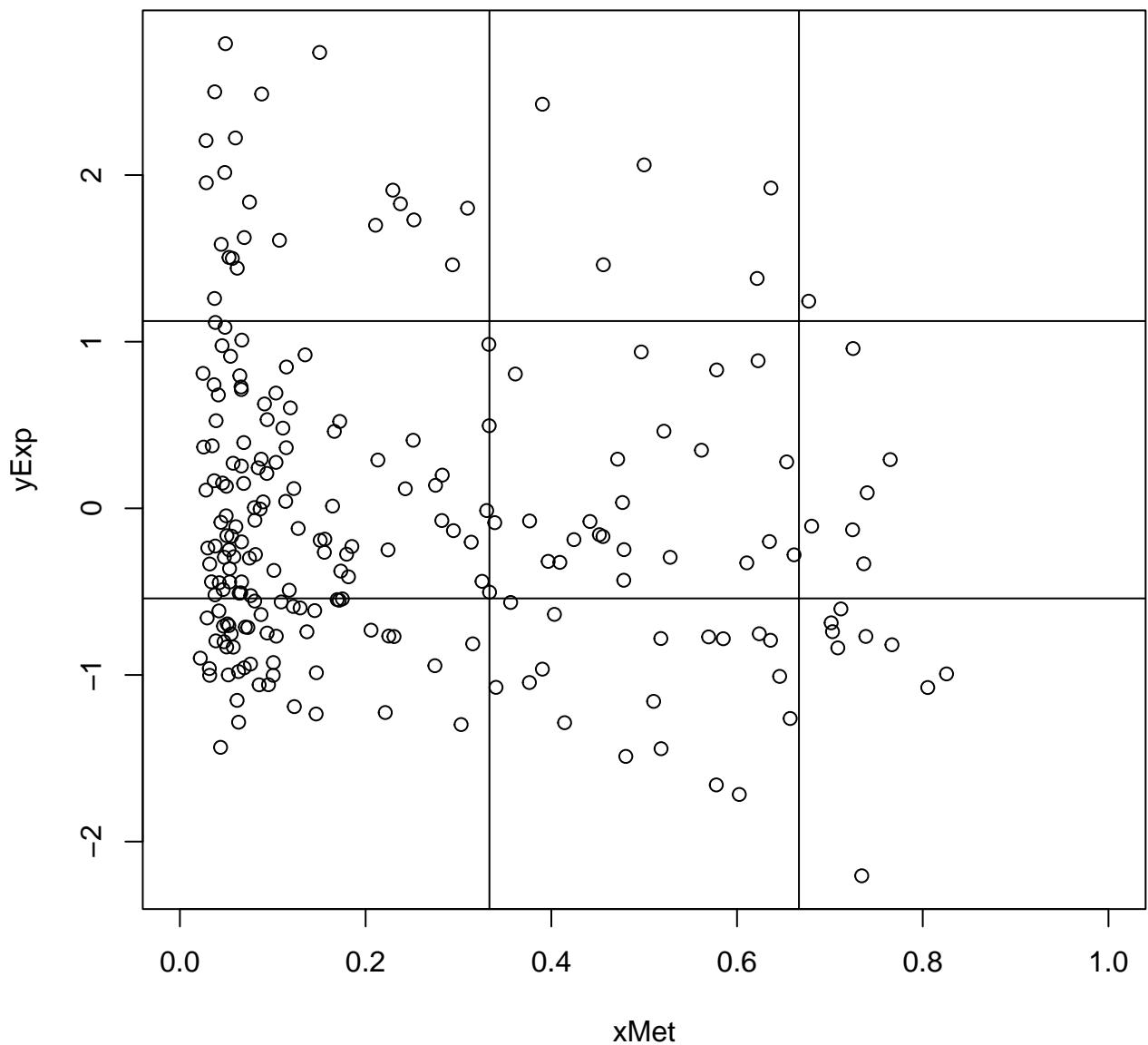
KCNK17, 246



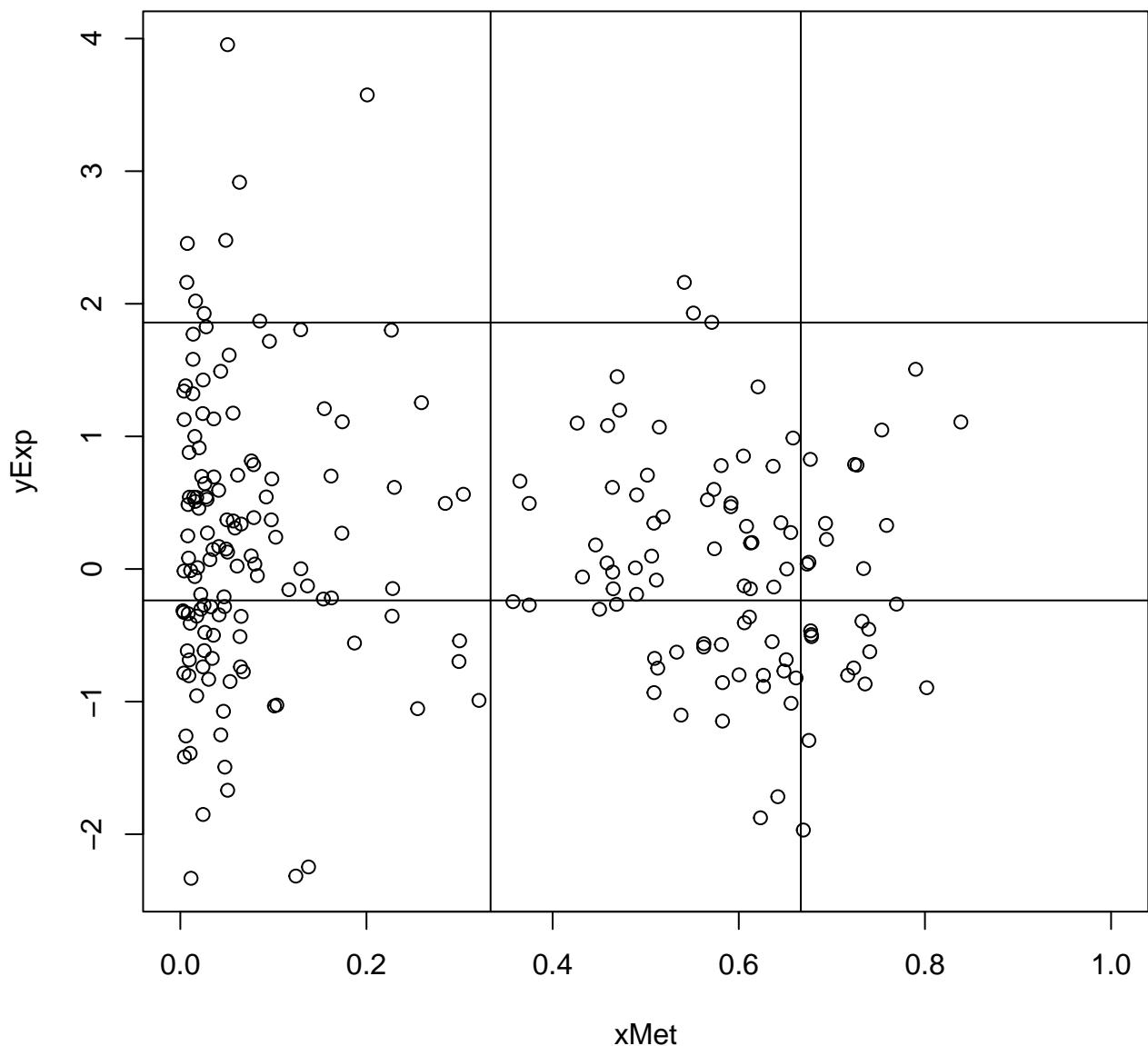
KCNMB4, 273



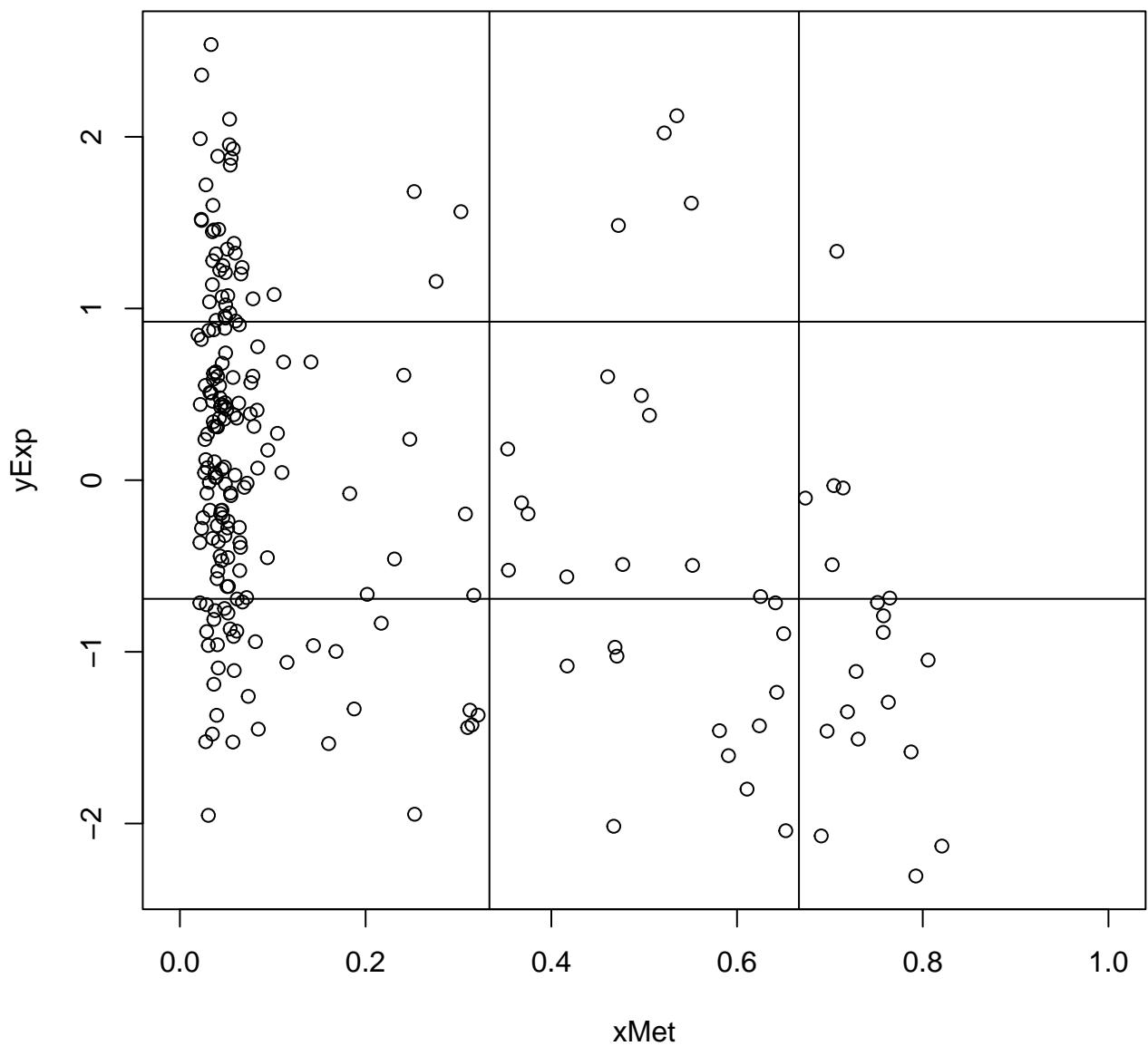
KCNN2, 151.4



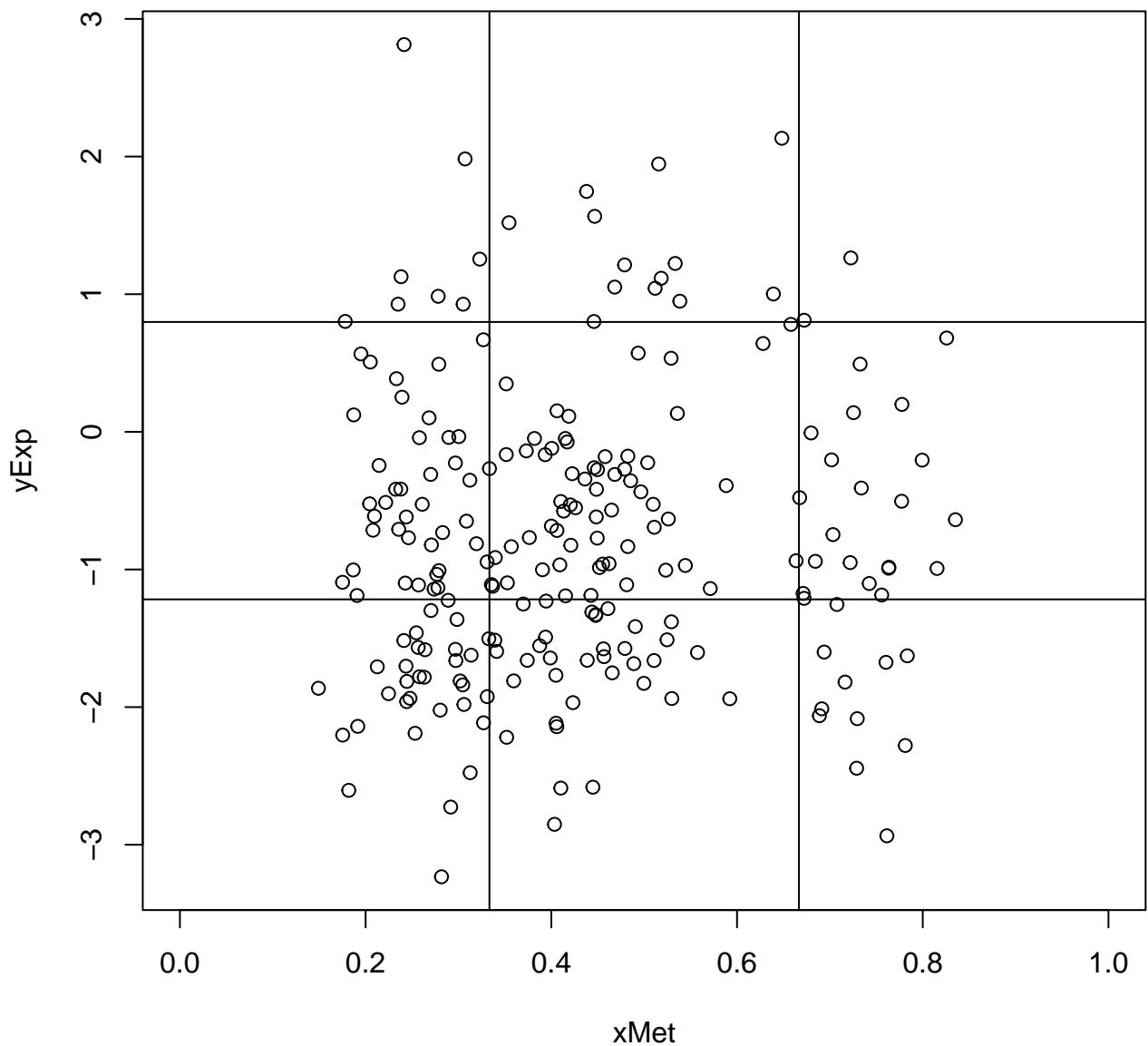
KCNQ3, 160



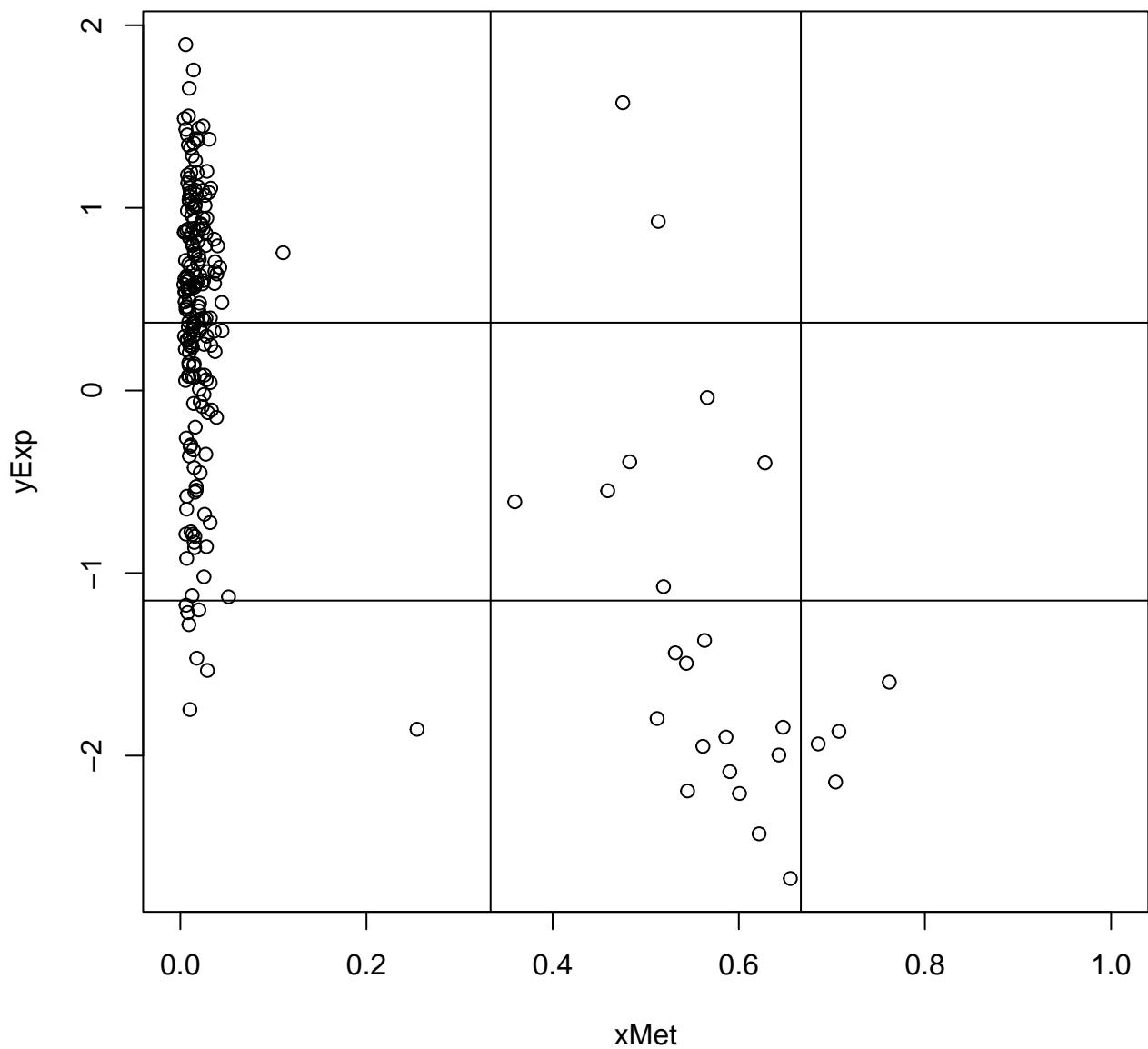
KCNS3, 193.4



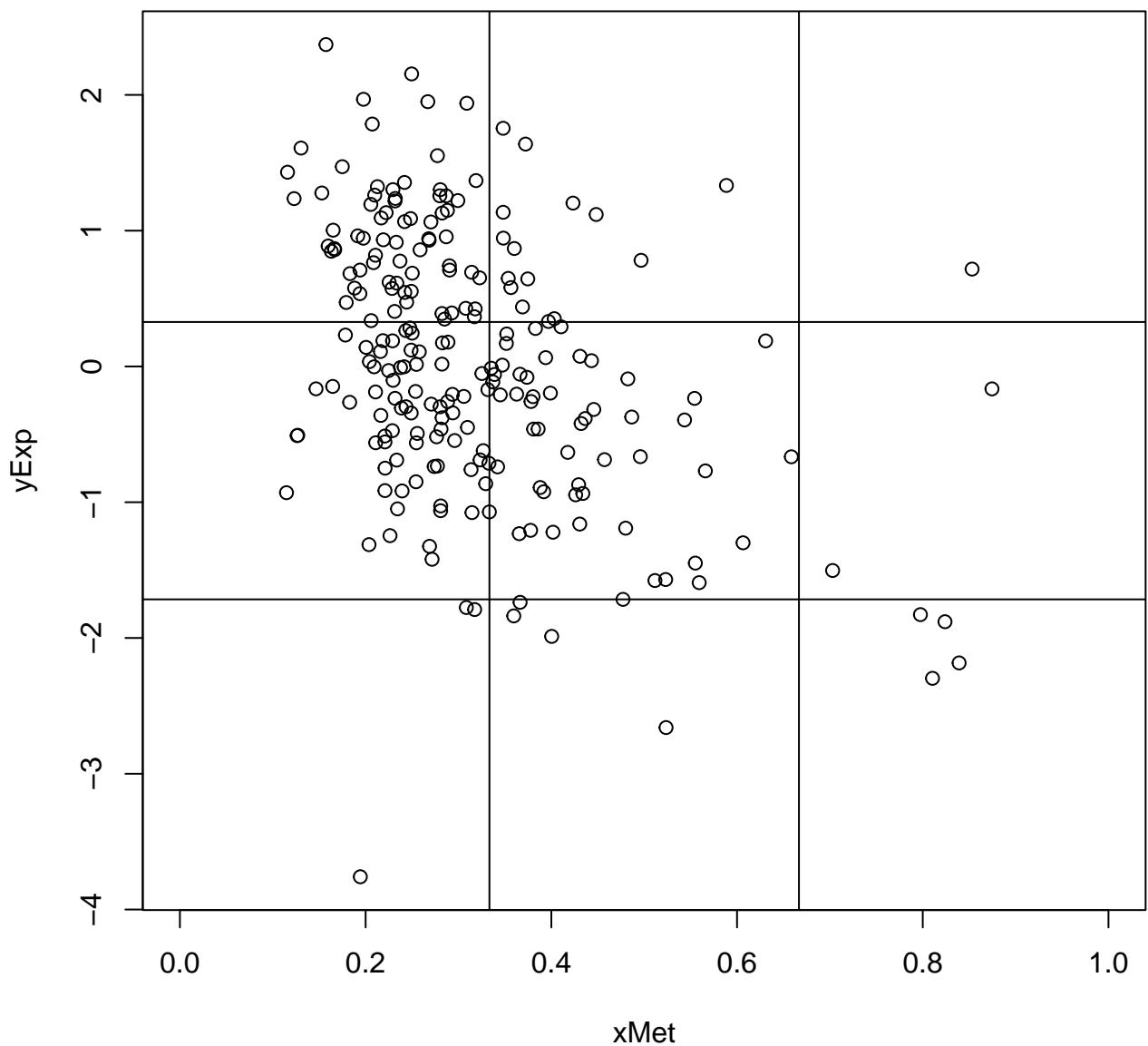
KCTD1, -12.2



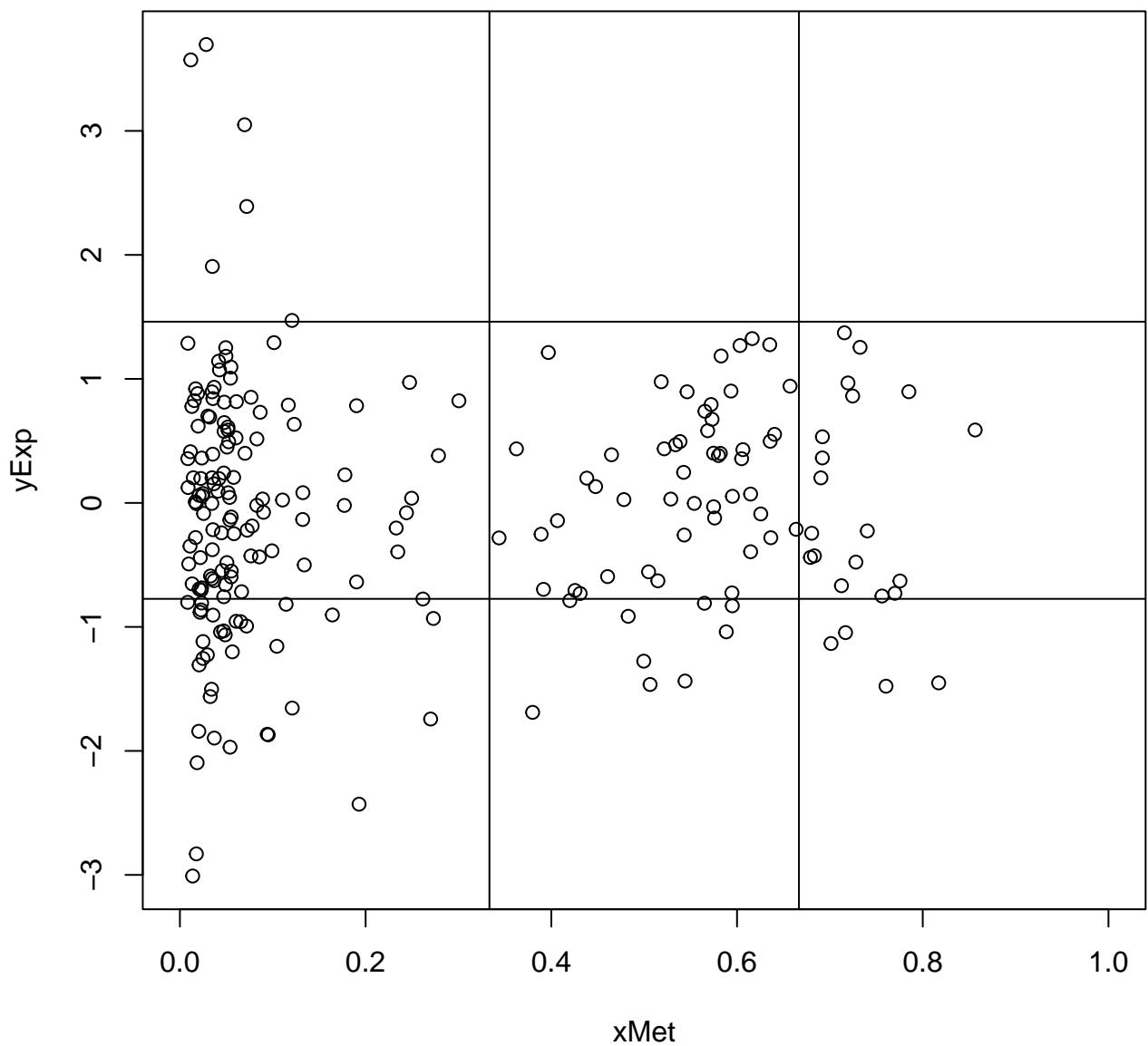
KHDRBS3, 334



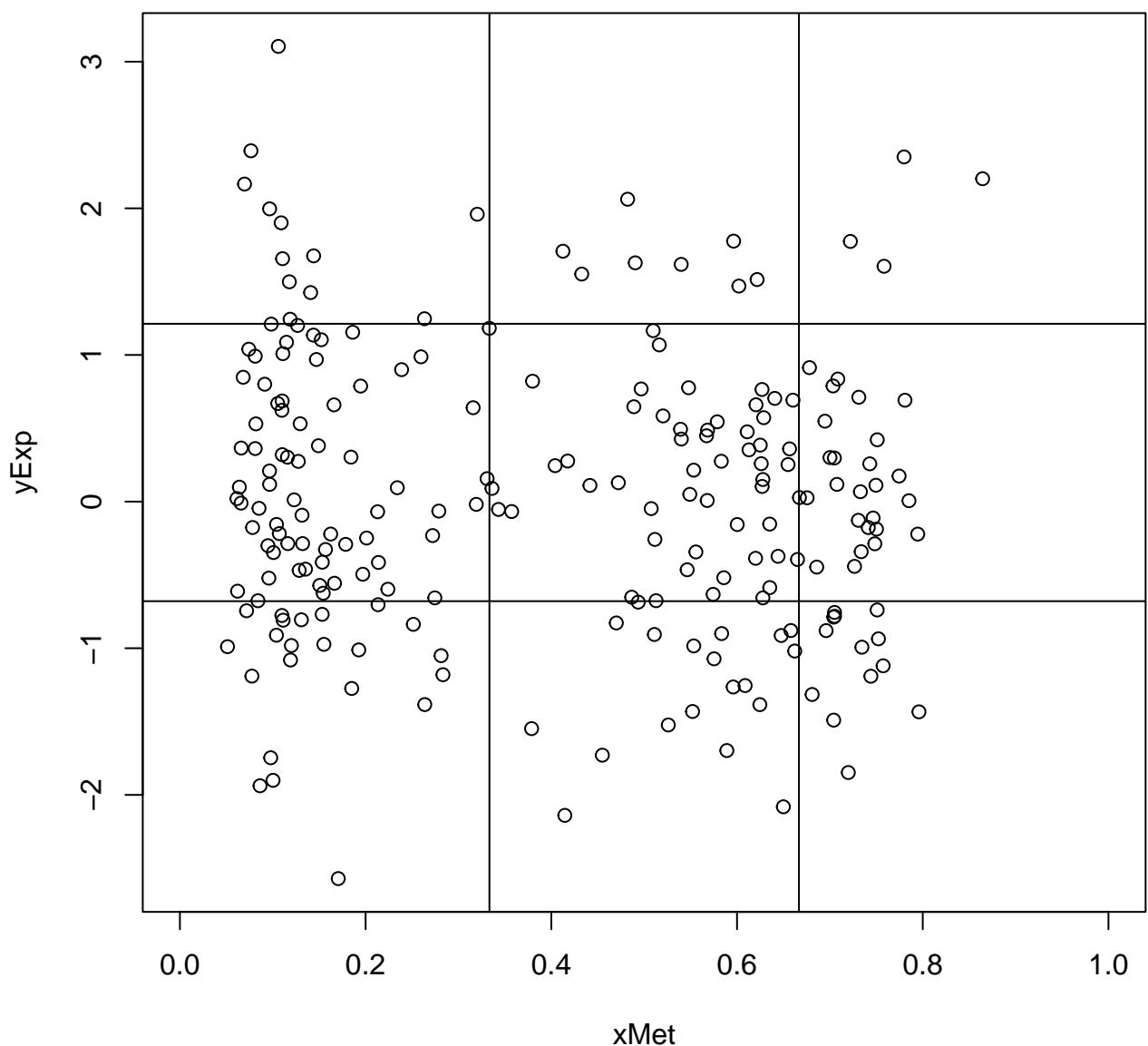
KIF12, 151.4



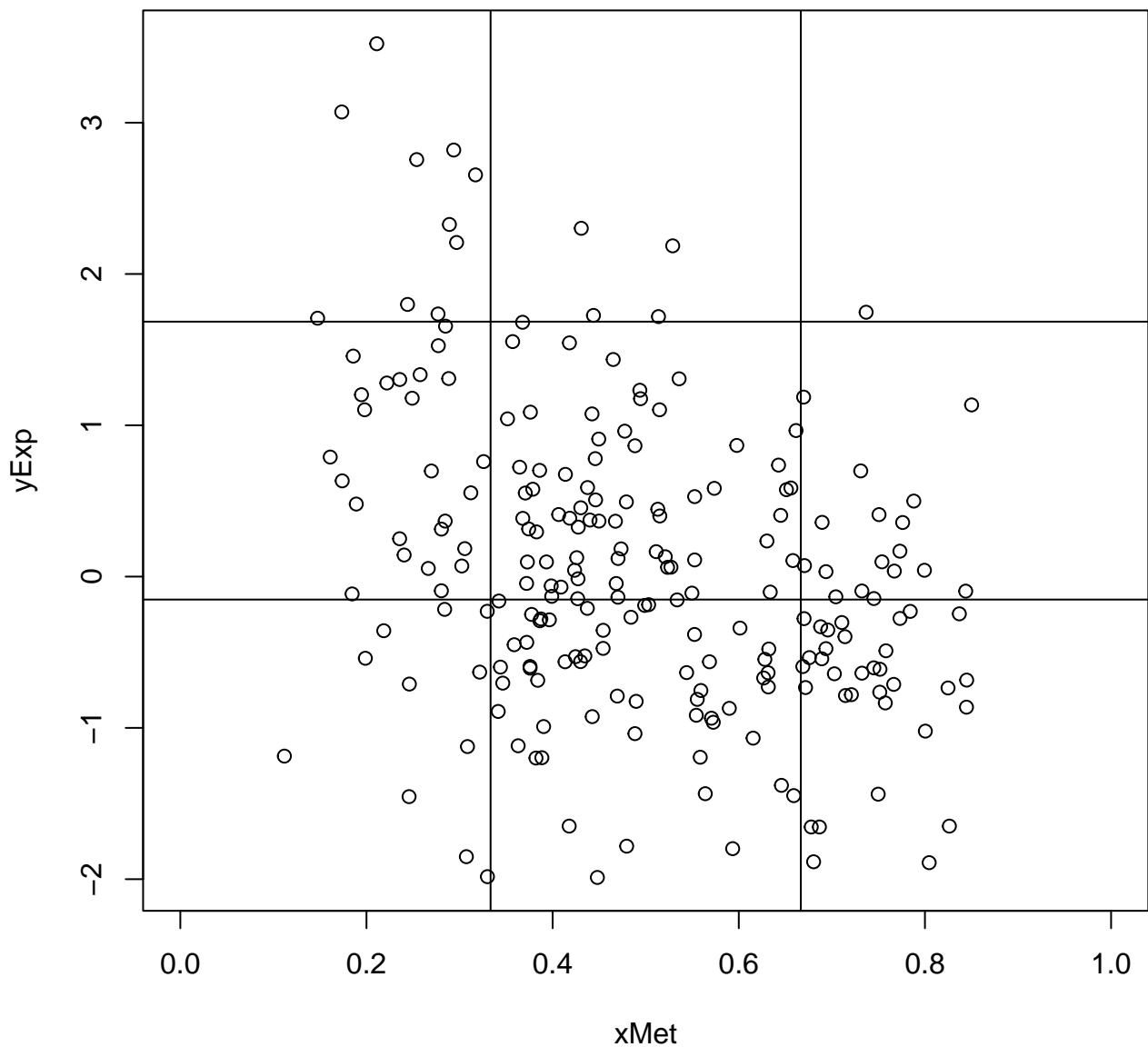
KIF17, 129



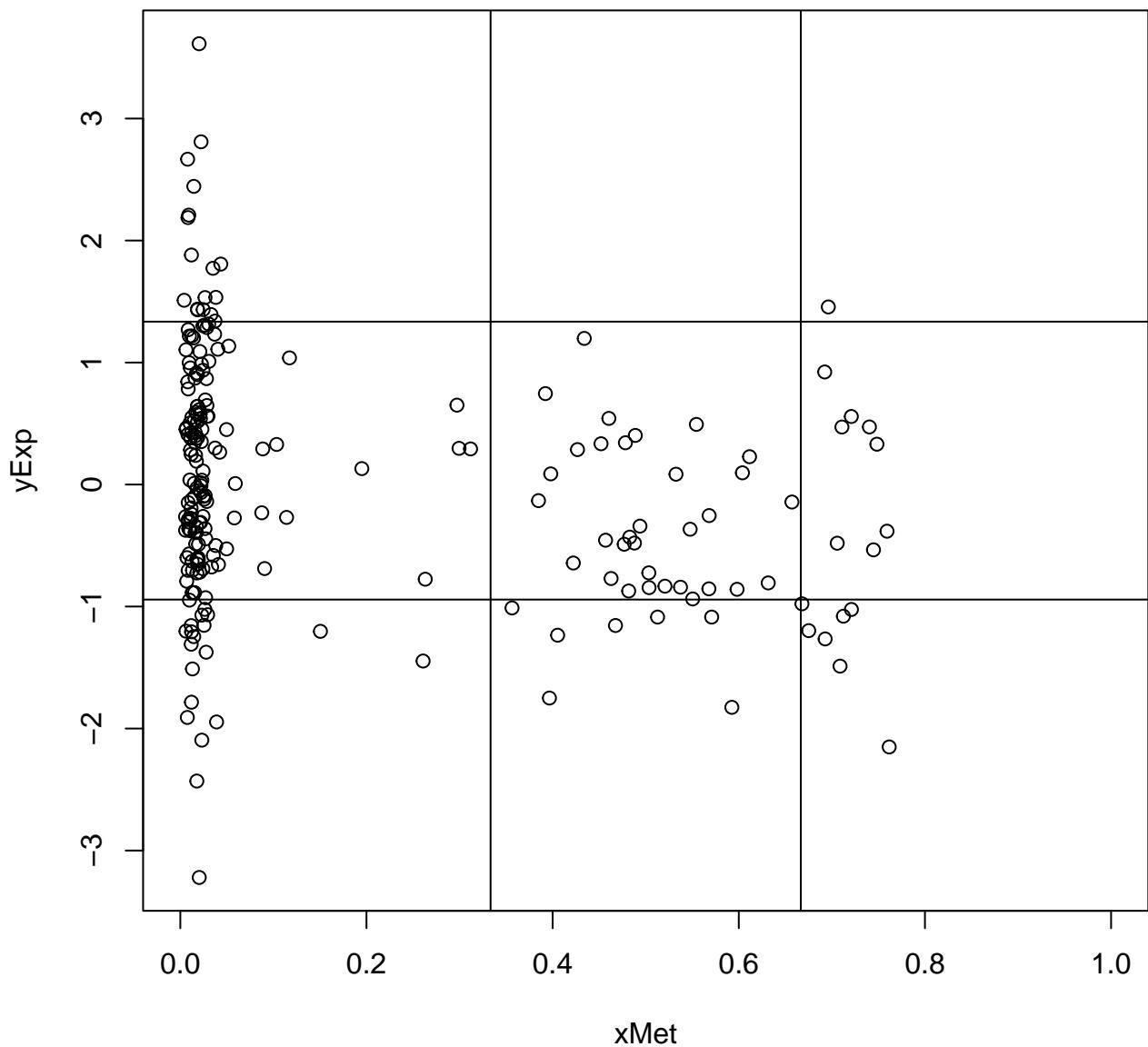
KIF1A, -87.4



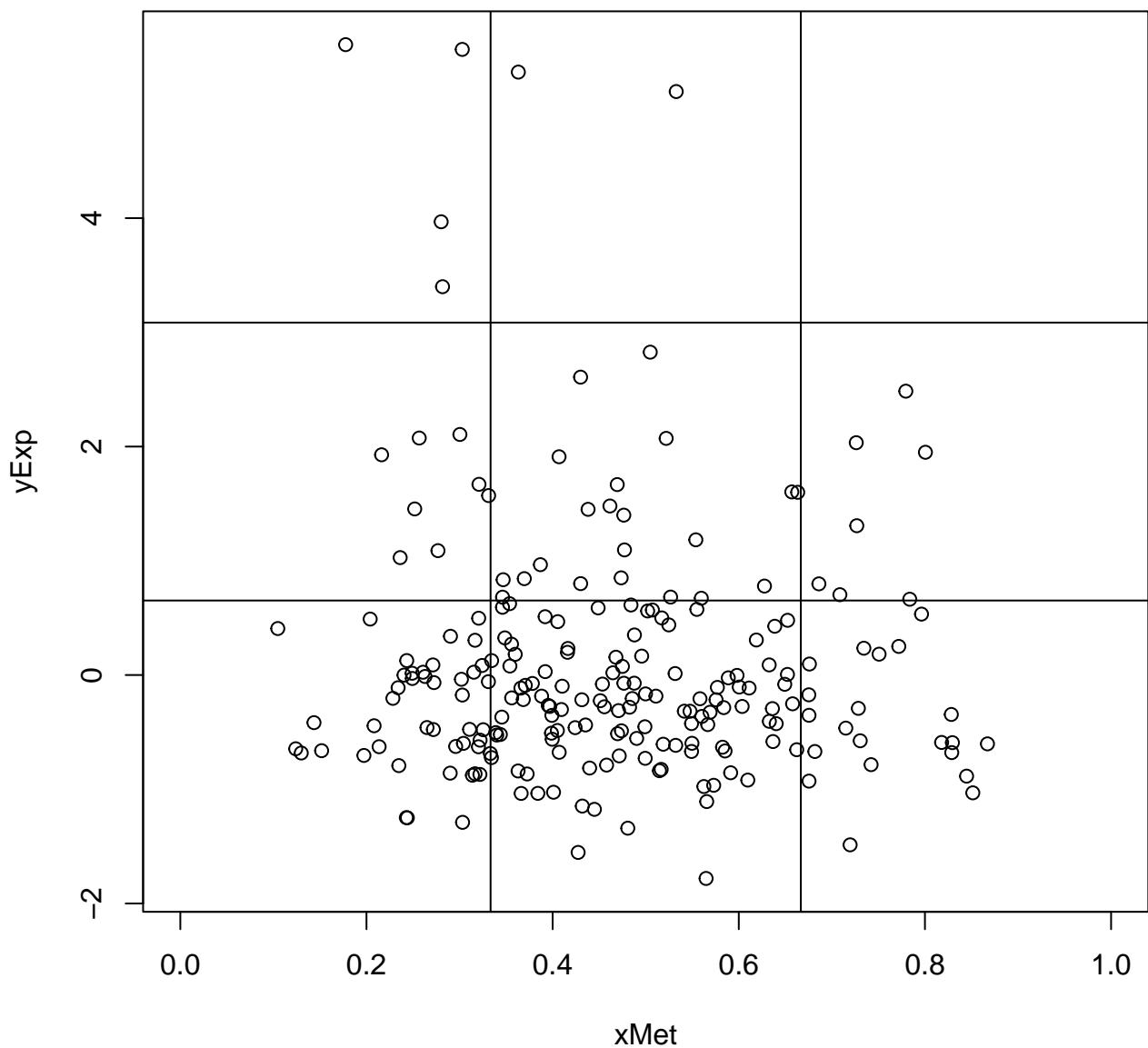
KIF5B, 91.4



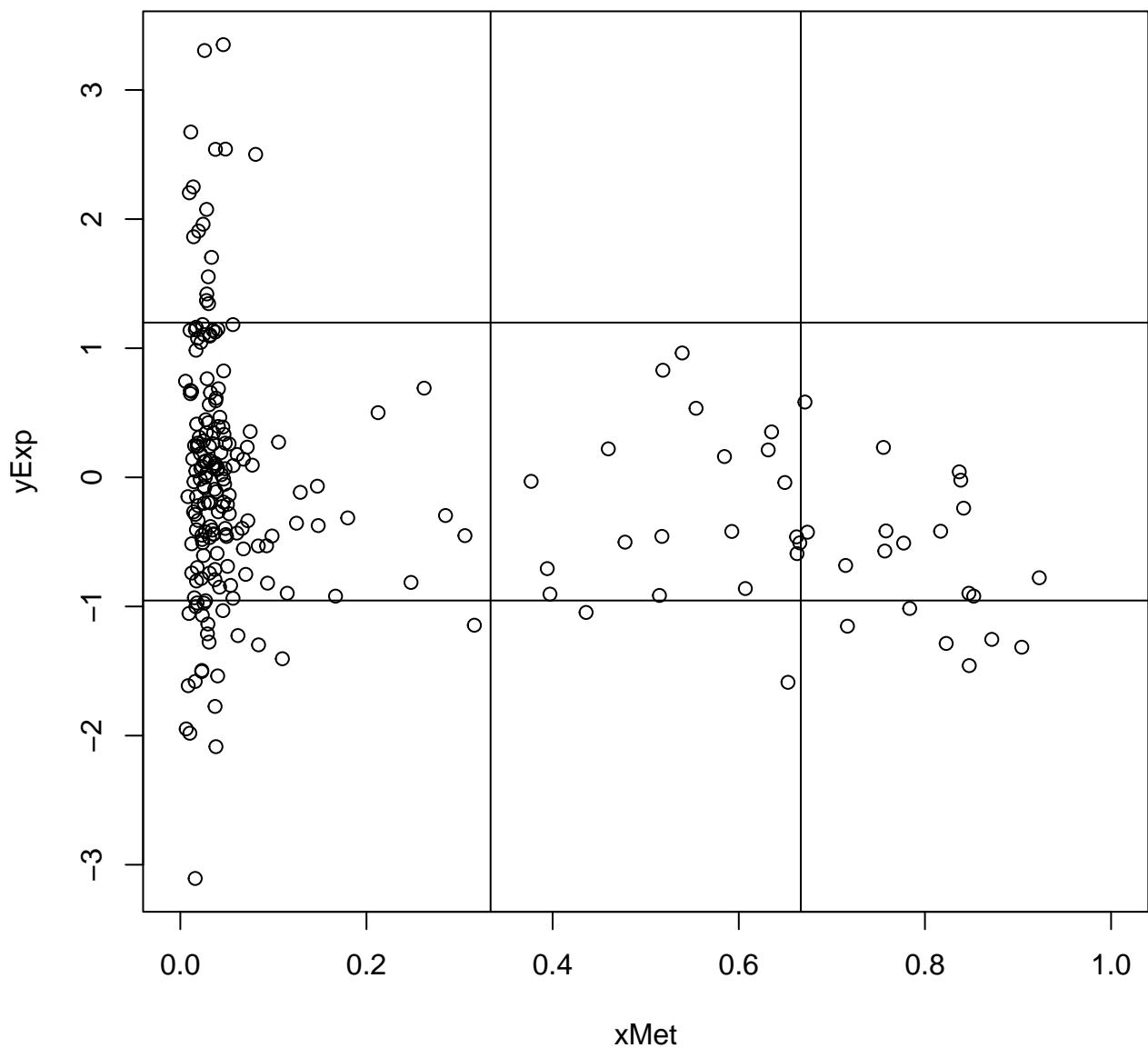
KIF6, 145.4



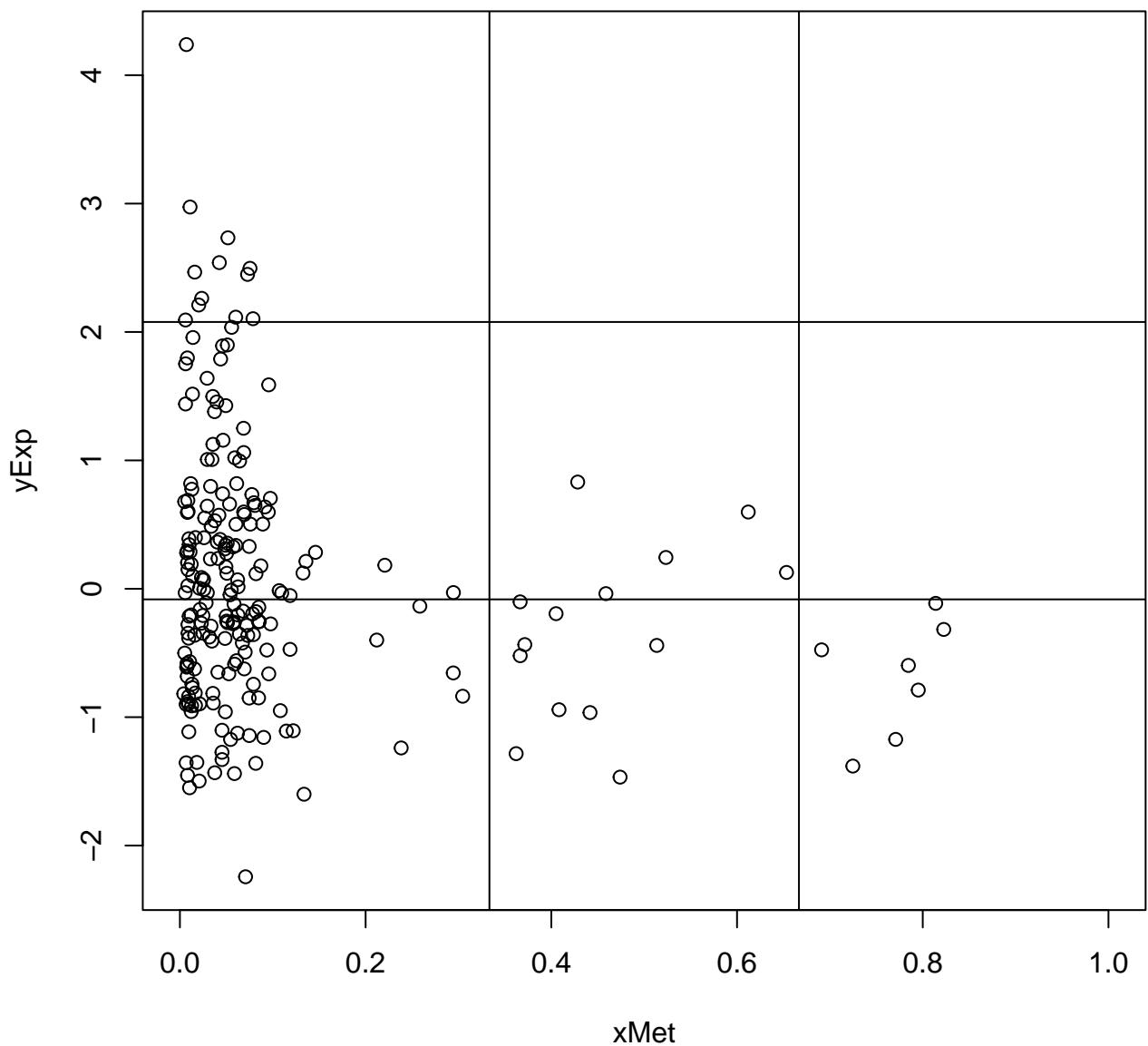
KISS1, 200



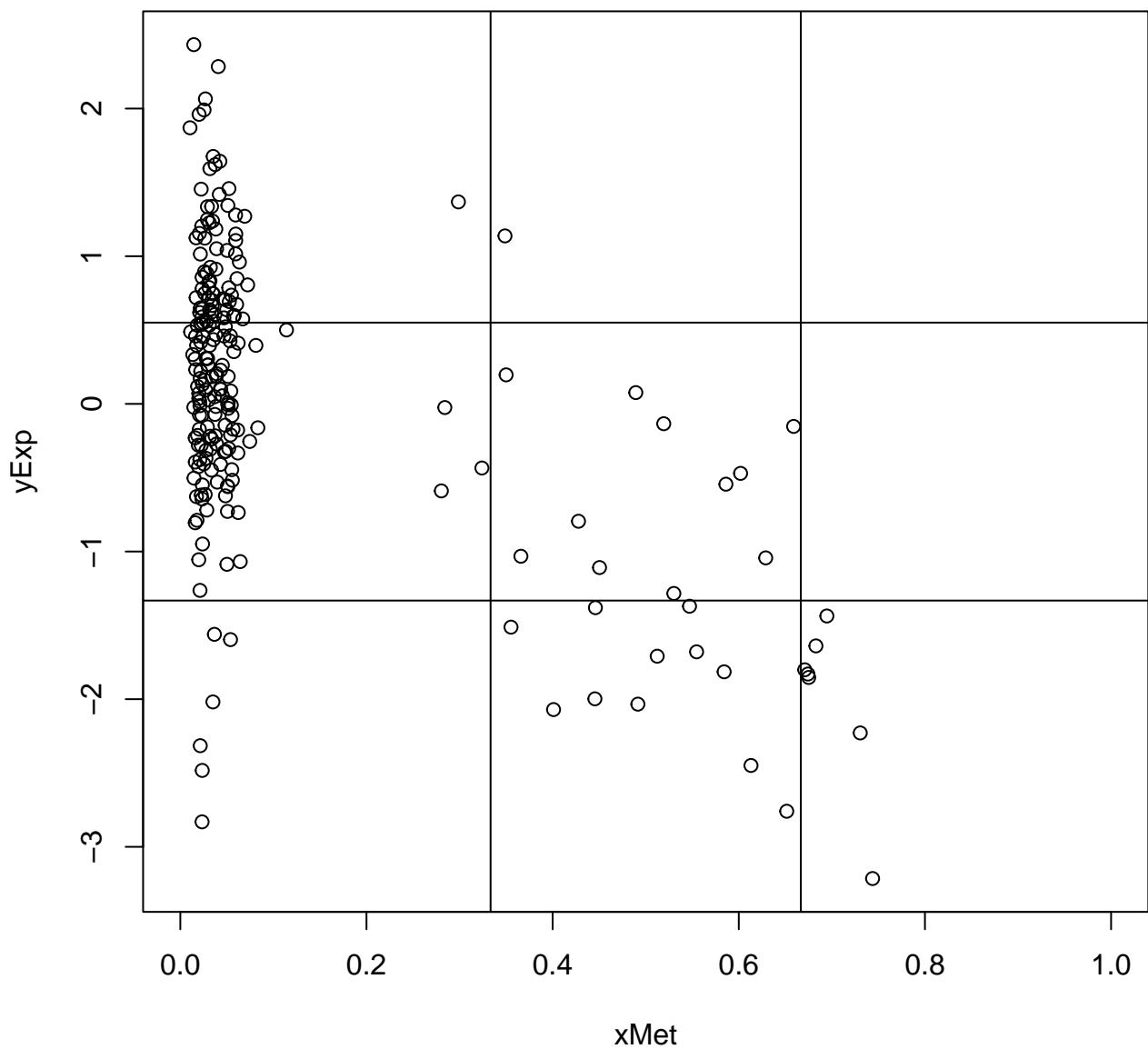
KIT, 185



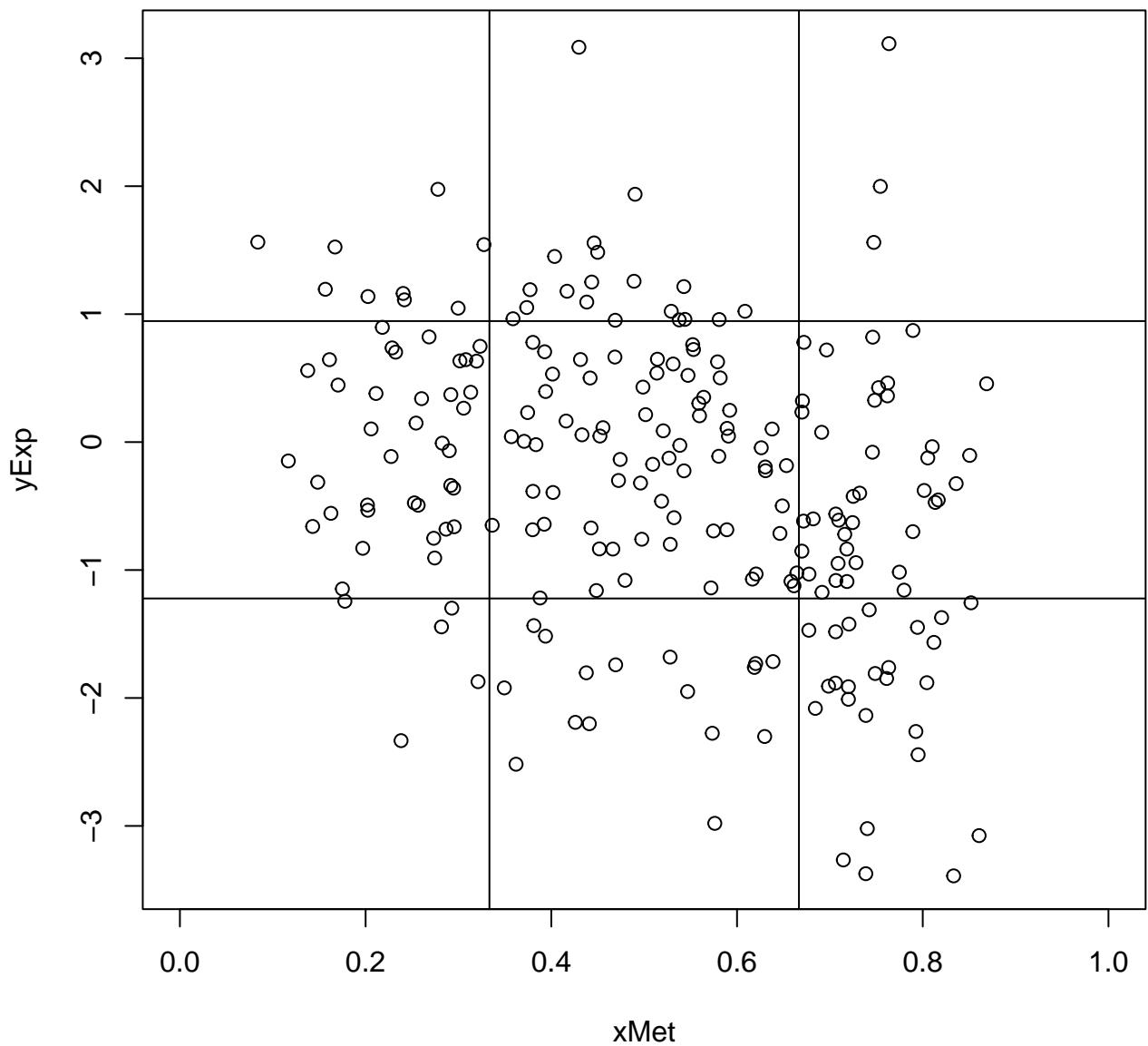
KLF15, 237



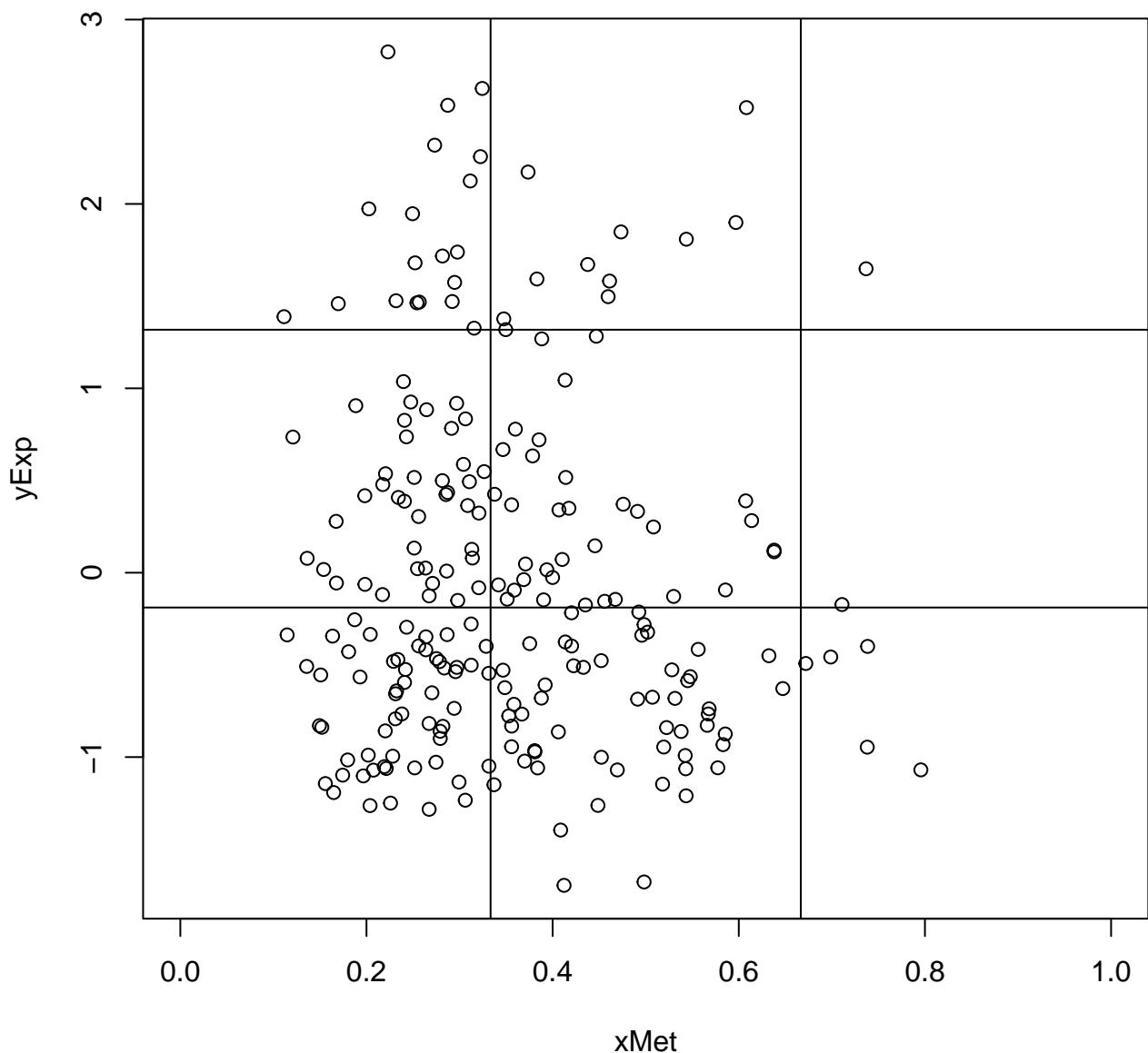
KLF7, 289



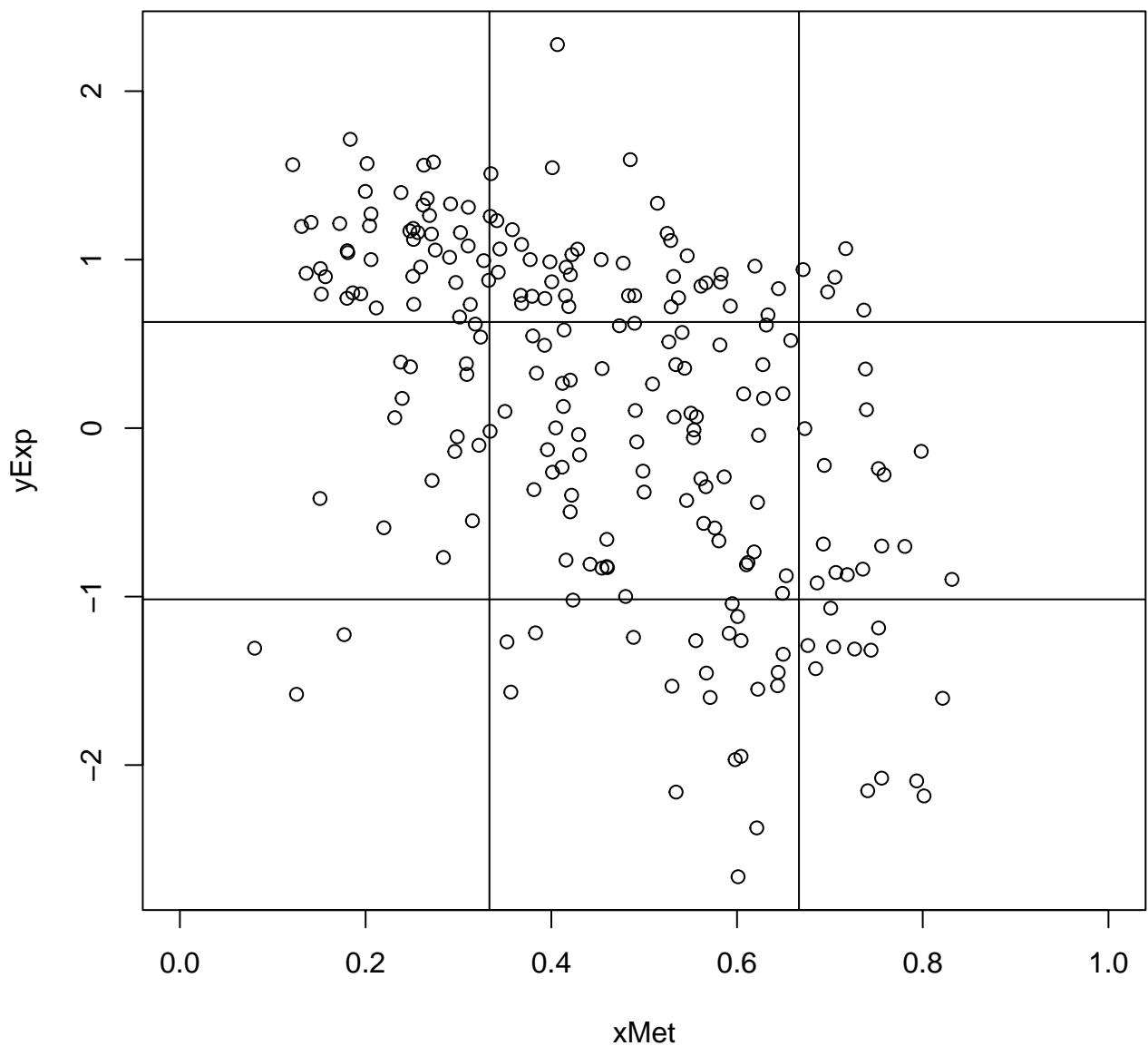
KLHL21, -123.8



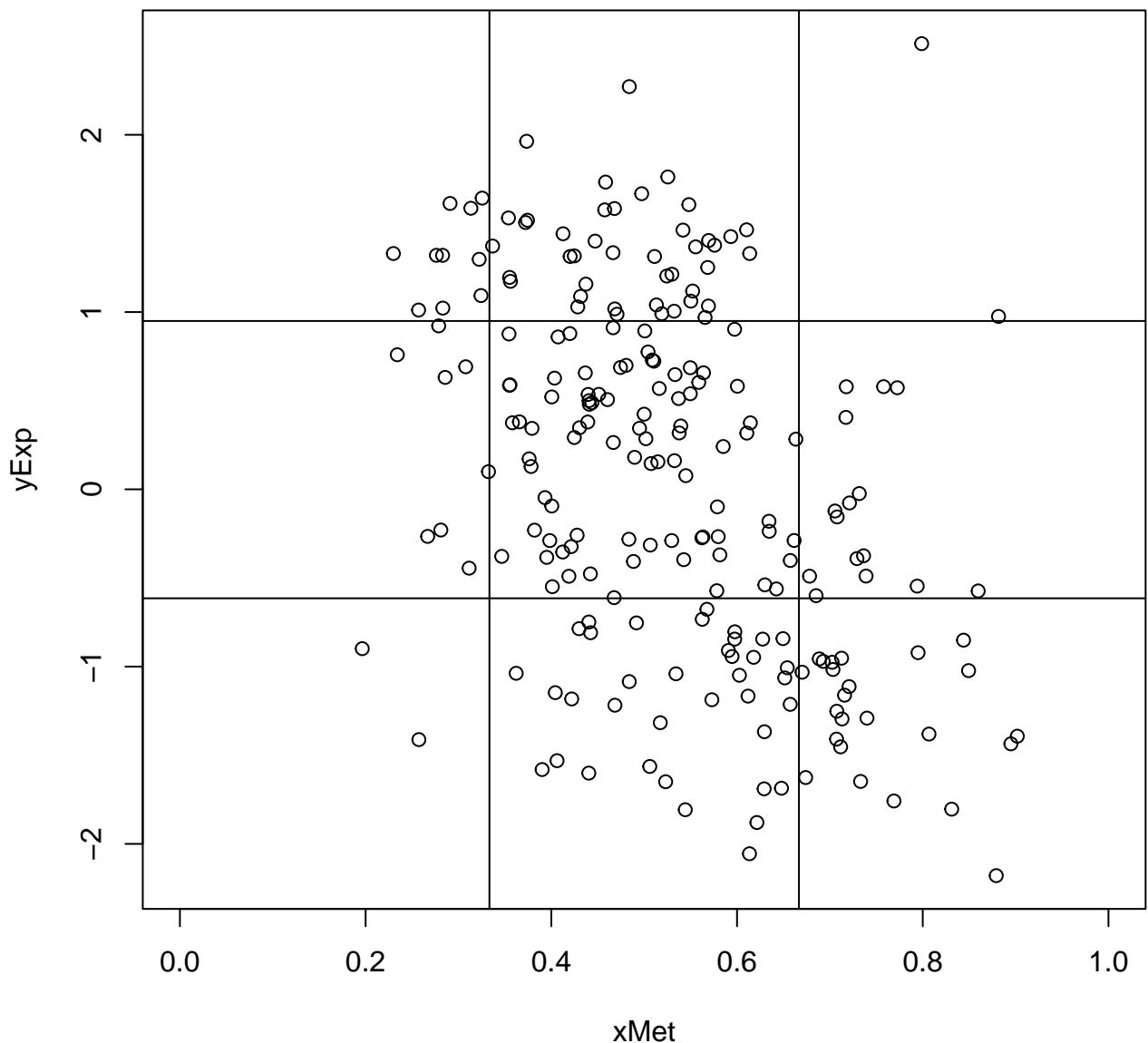
KLK7, 131.4



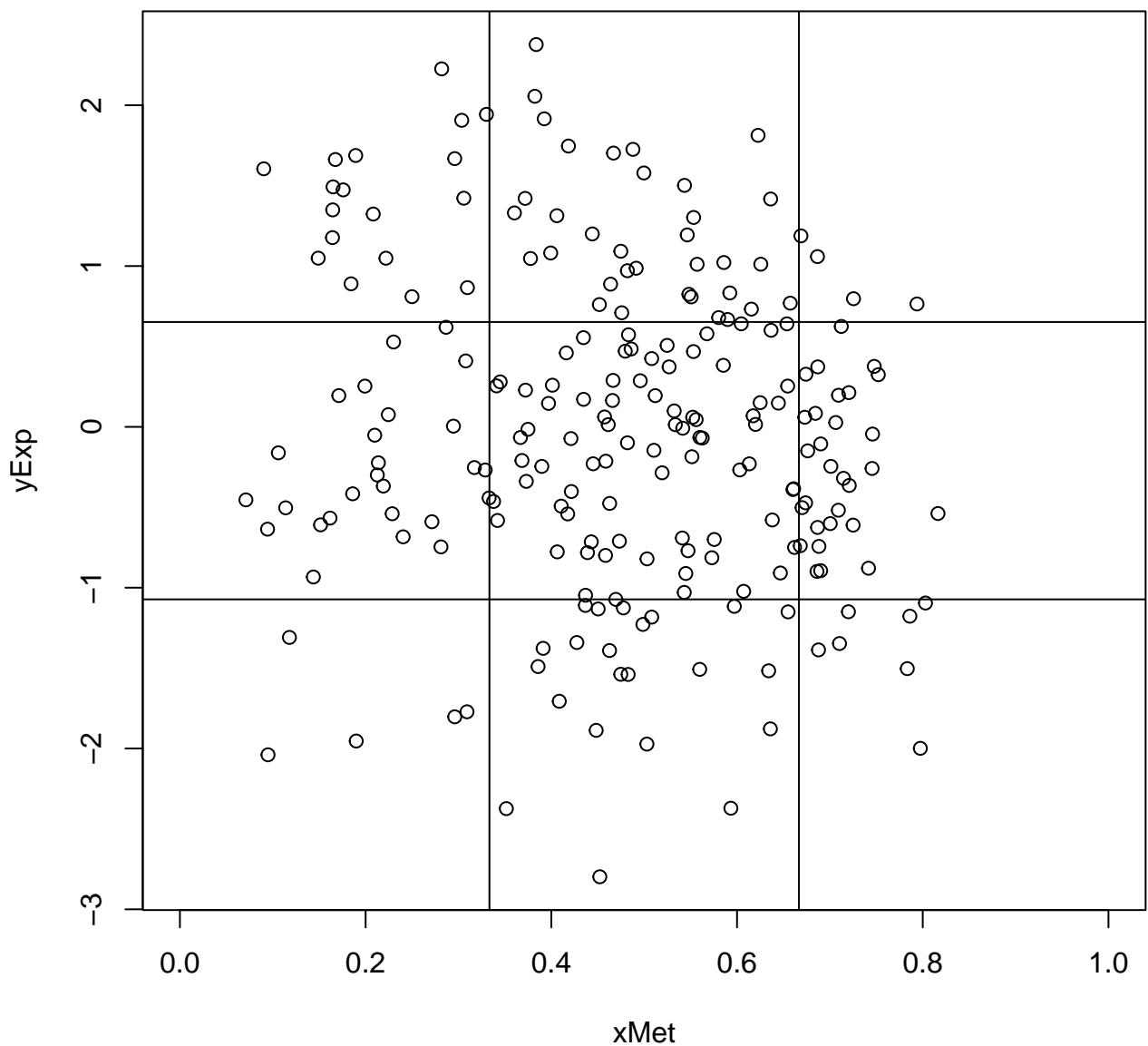
KRT23, -182



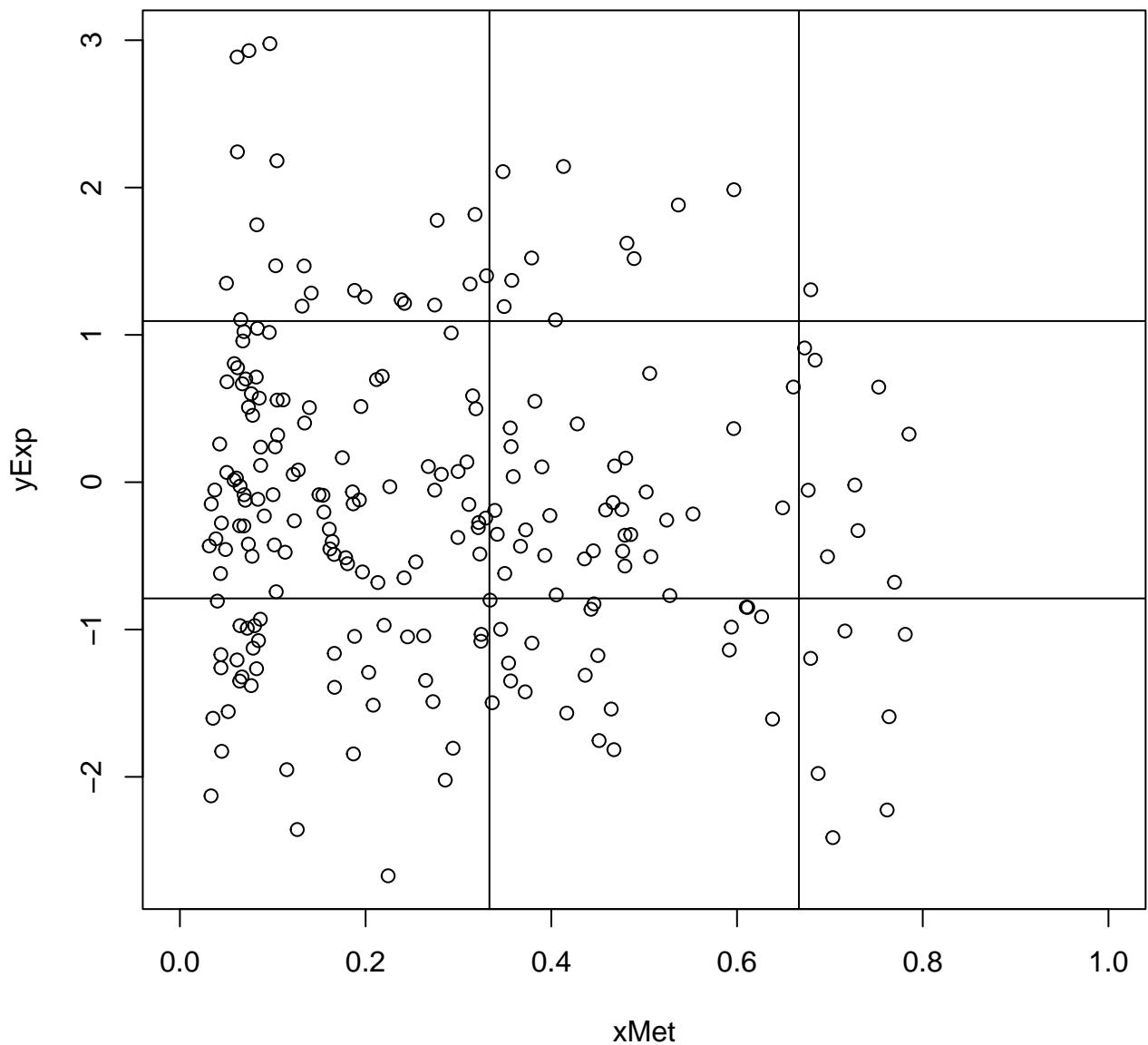
KRT6B, -88.2



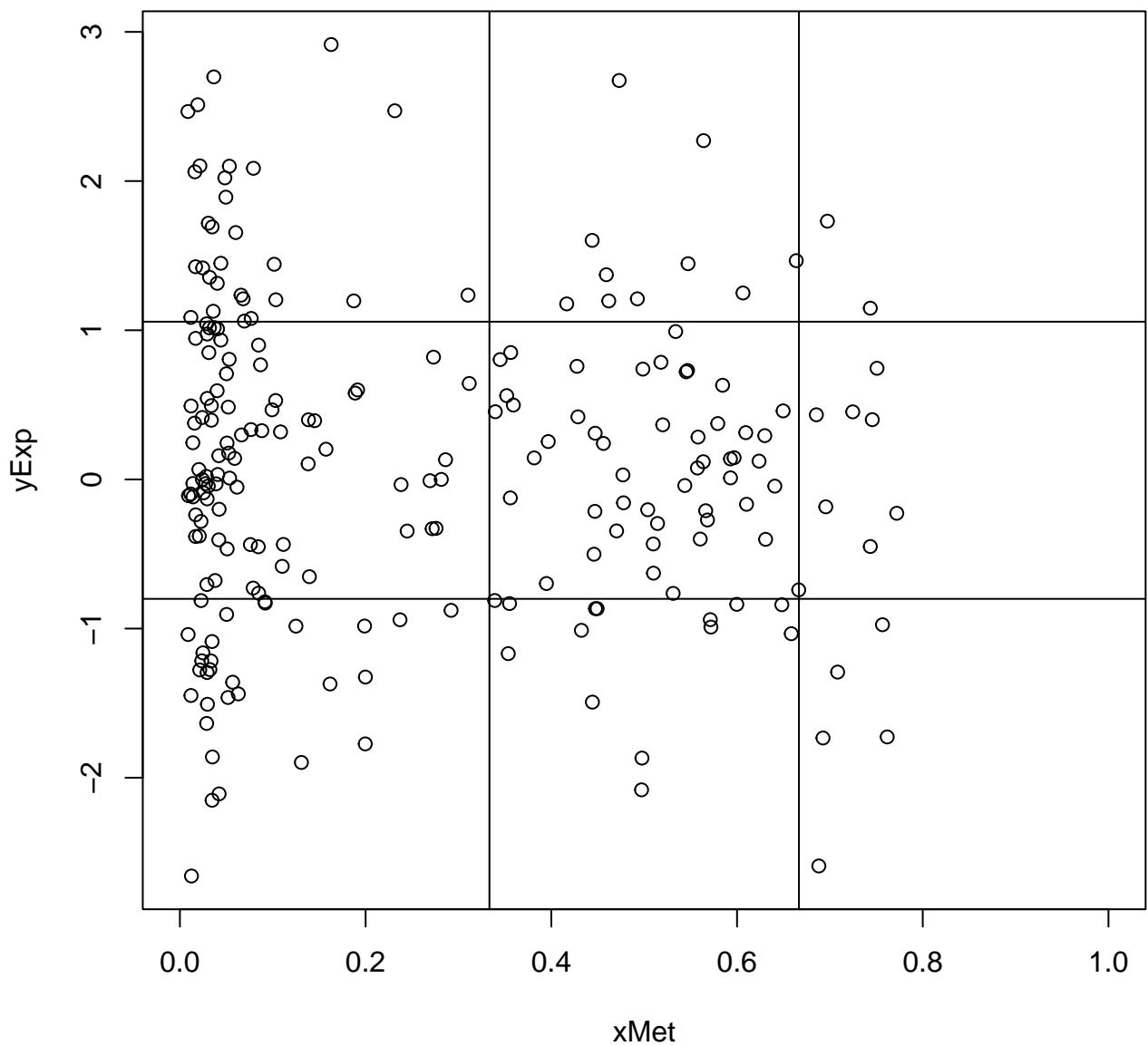
LAIR1, -200.4



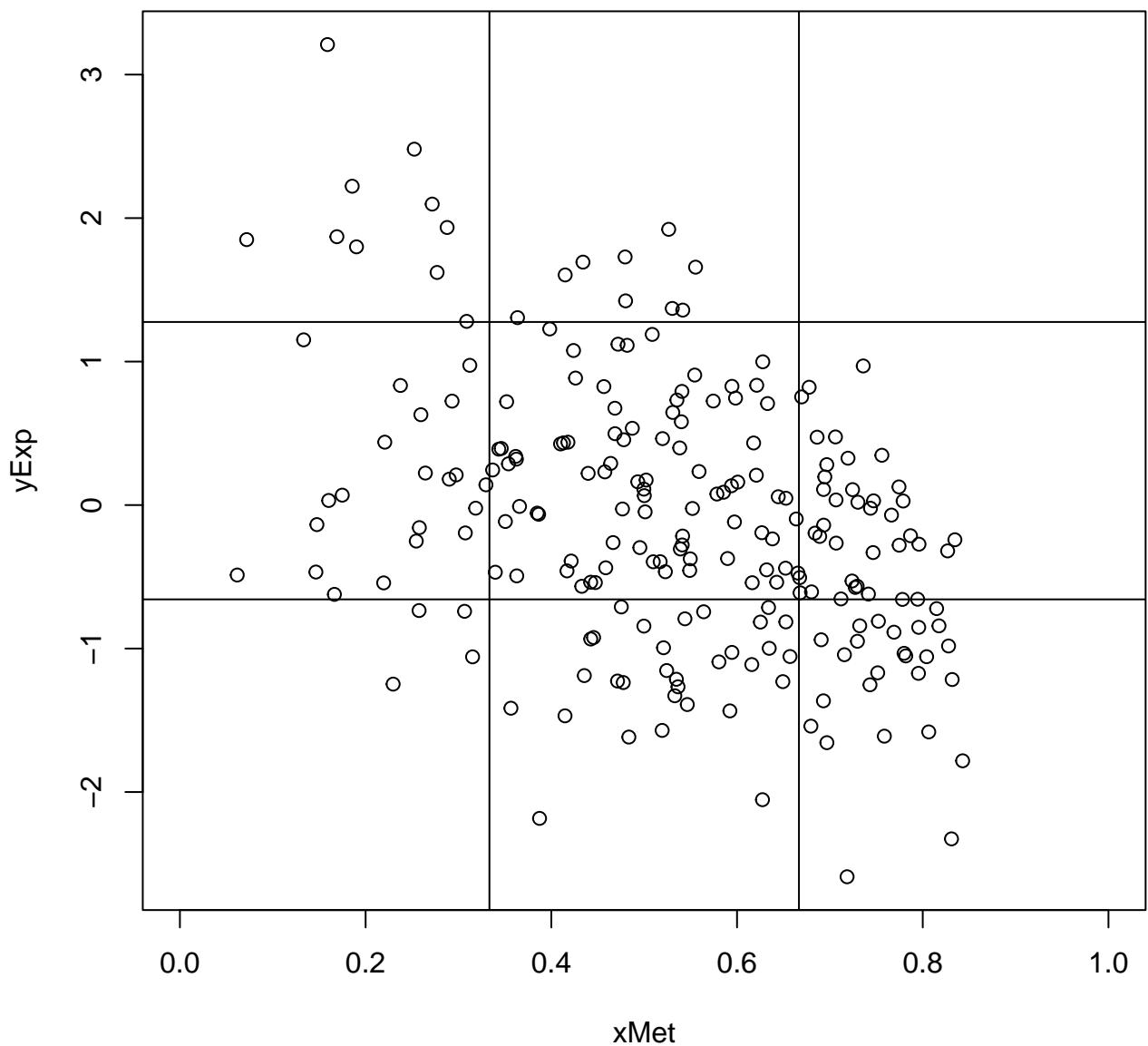
LAMP5, 114.4



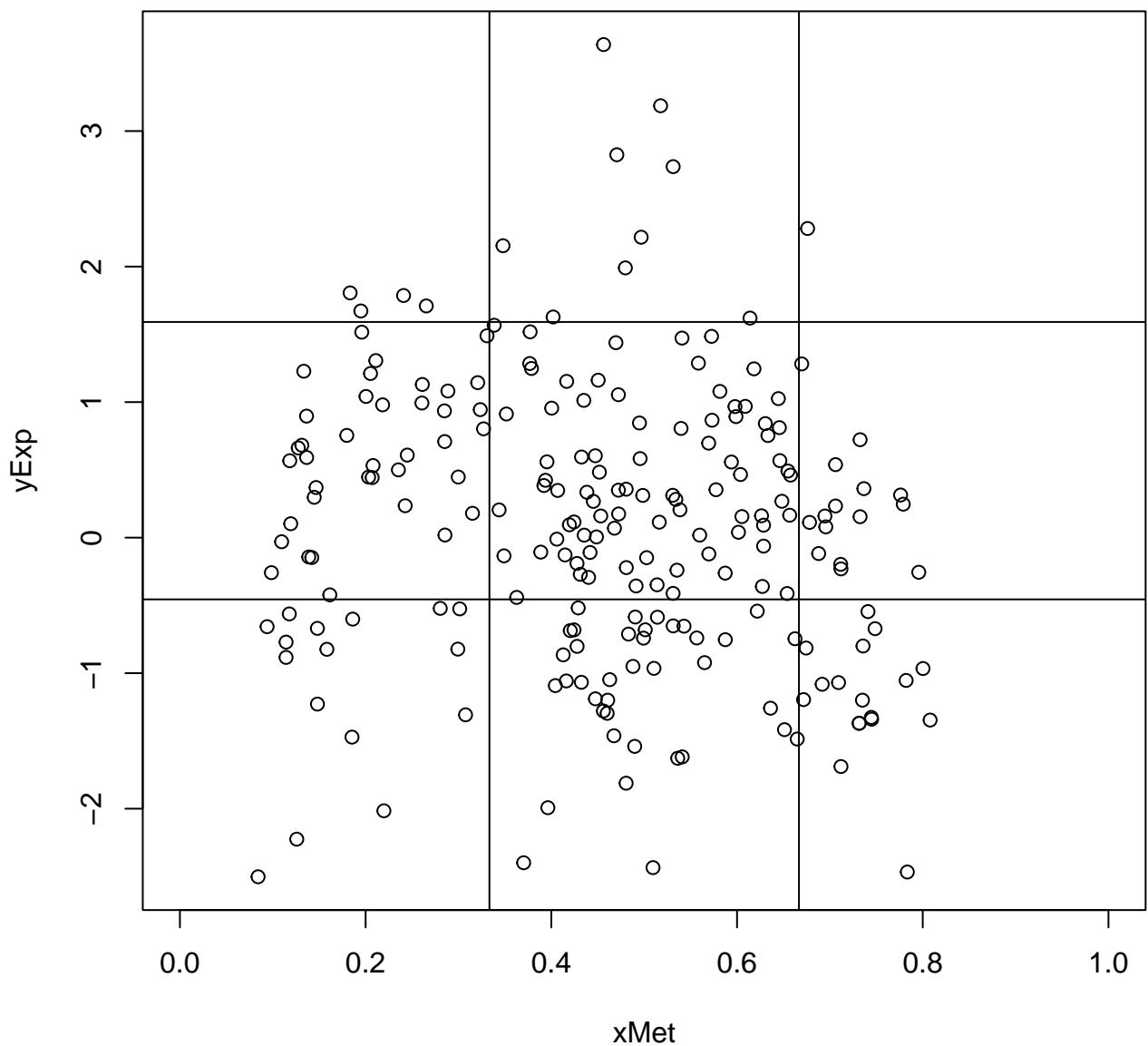
LATS2, 65.8



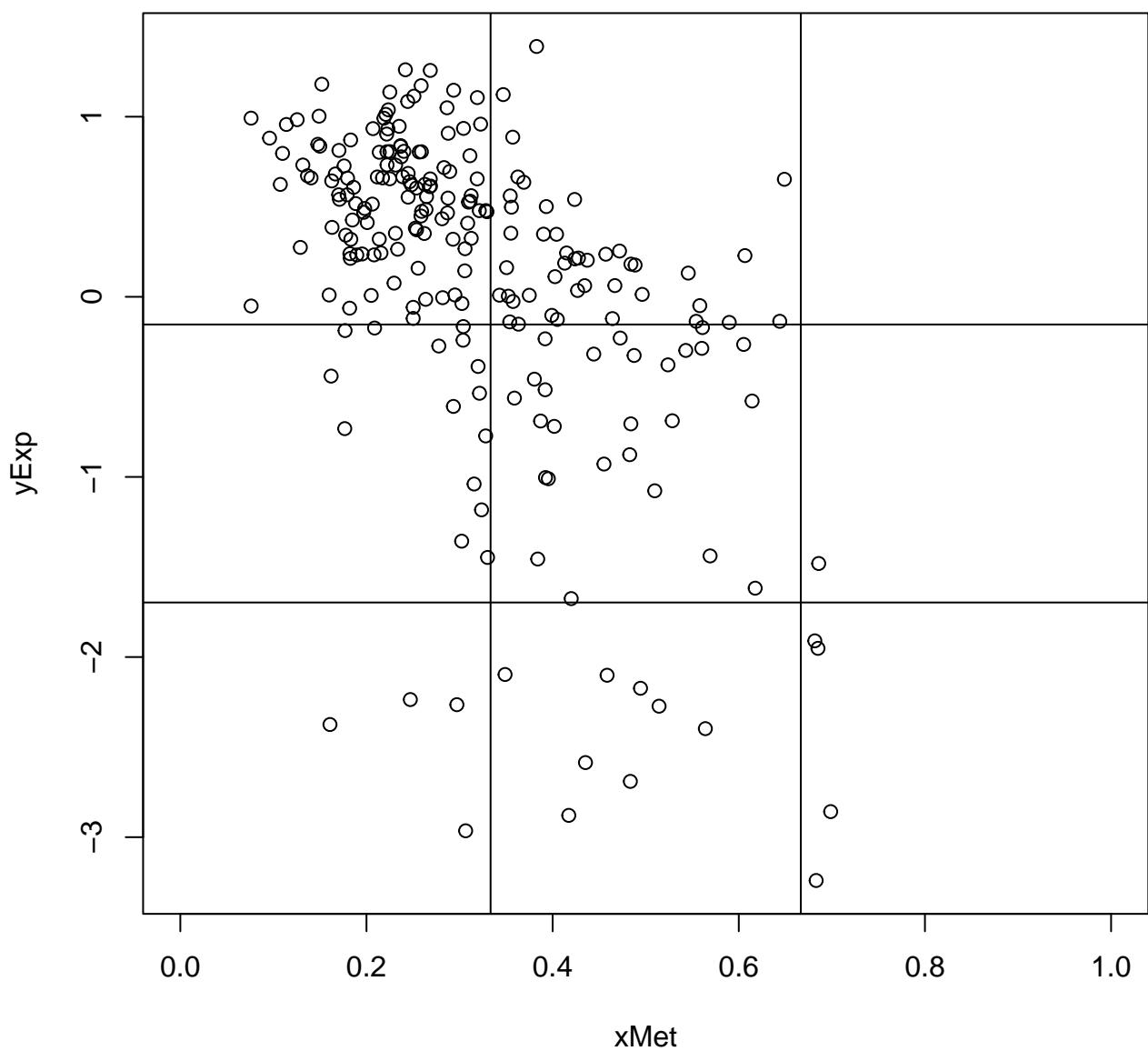
LCP1, 36



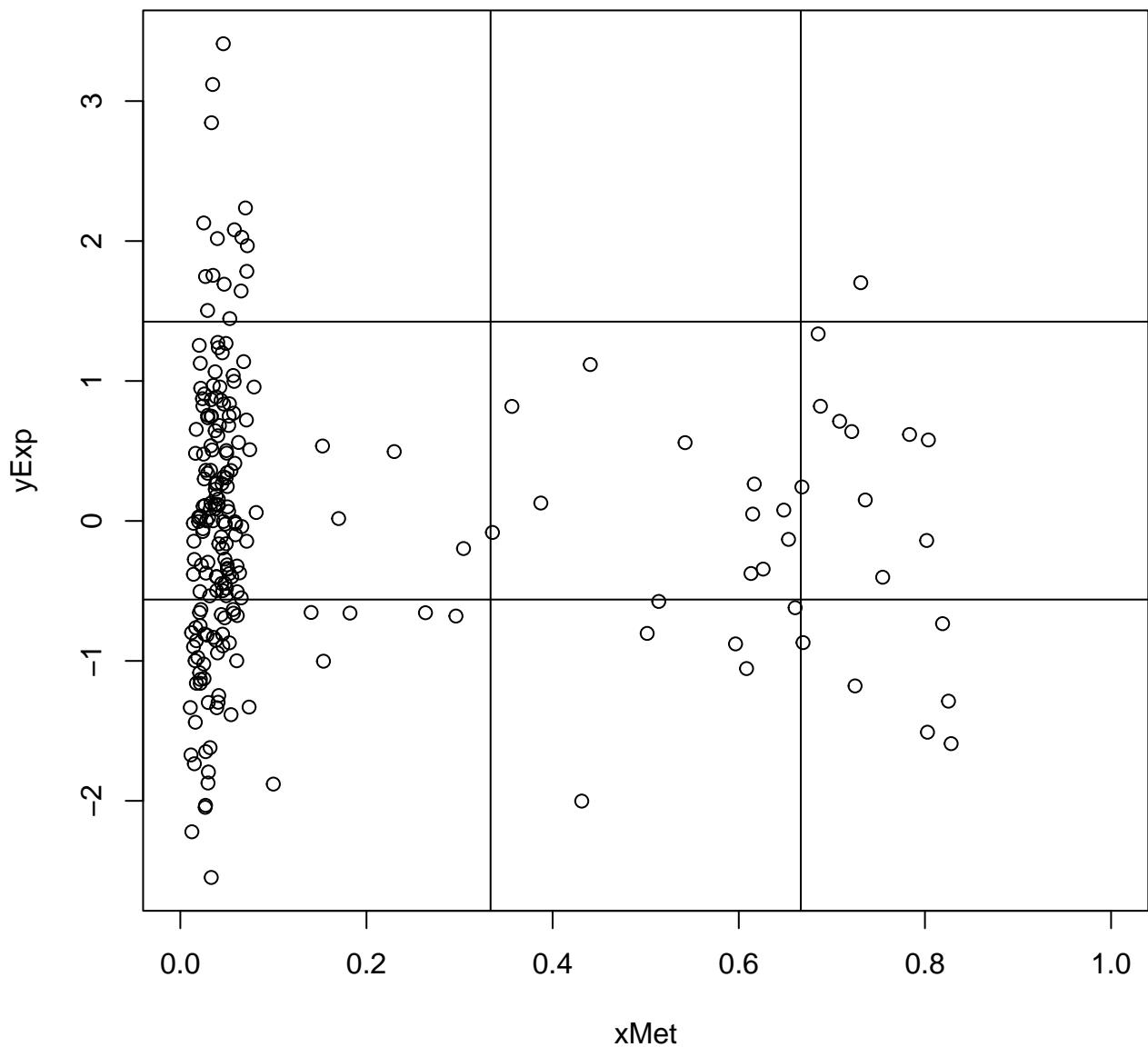
LDB2, 41.4



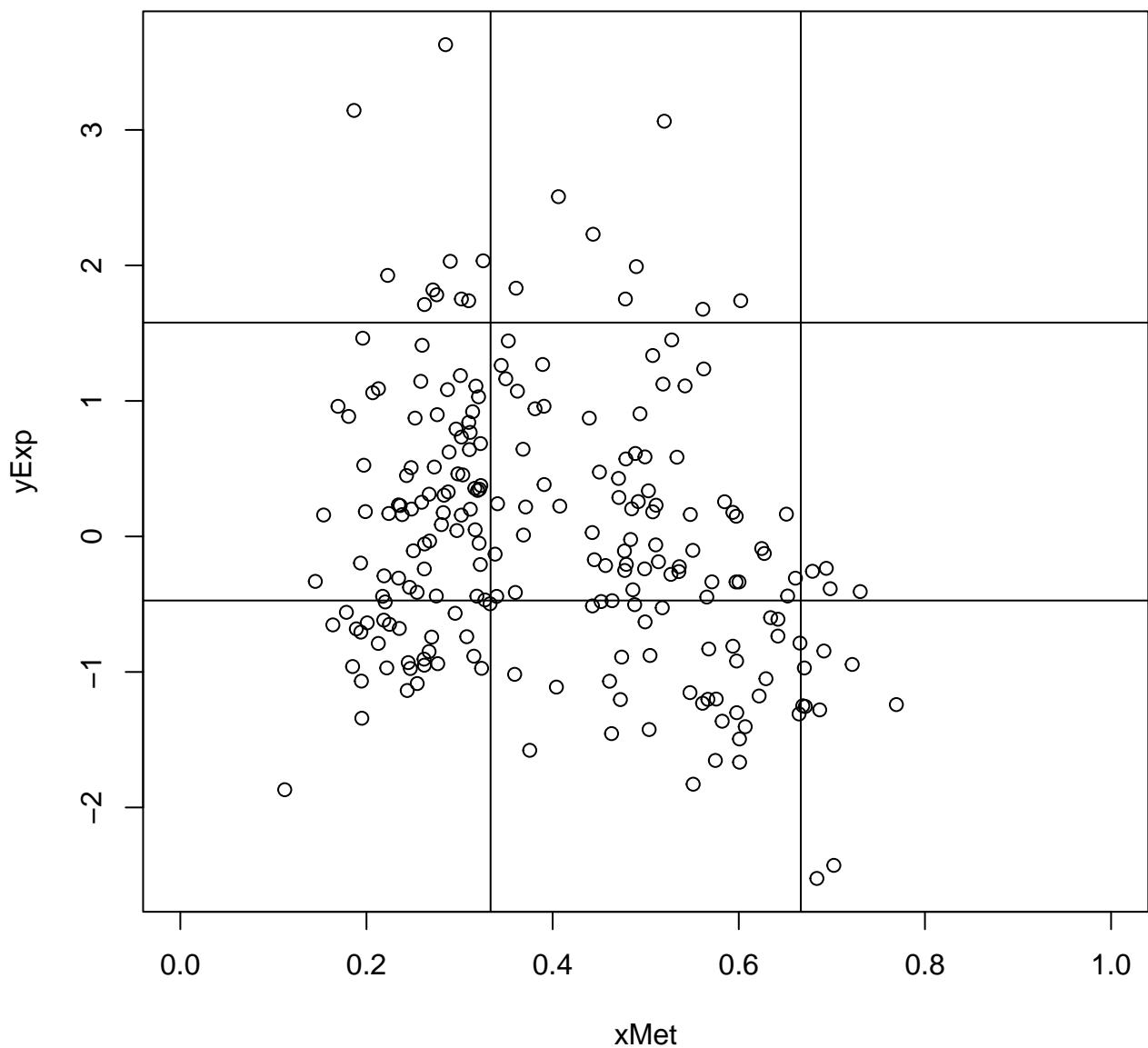
LEFTY1, 191



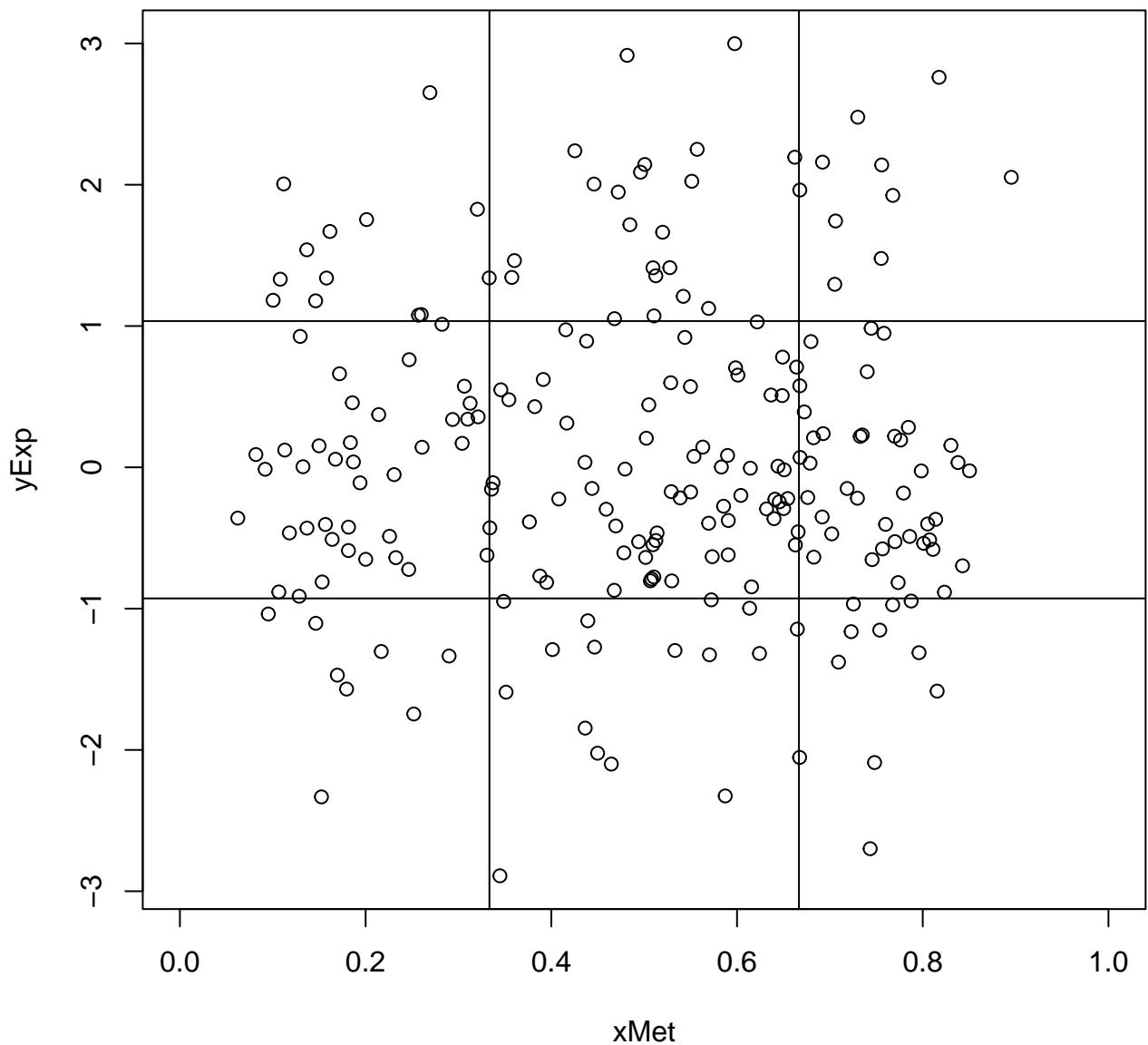
LHFP, 158.4



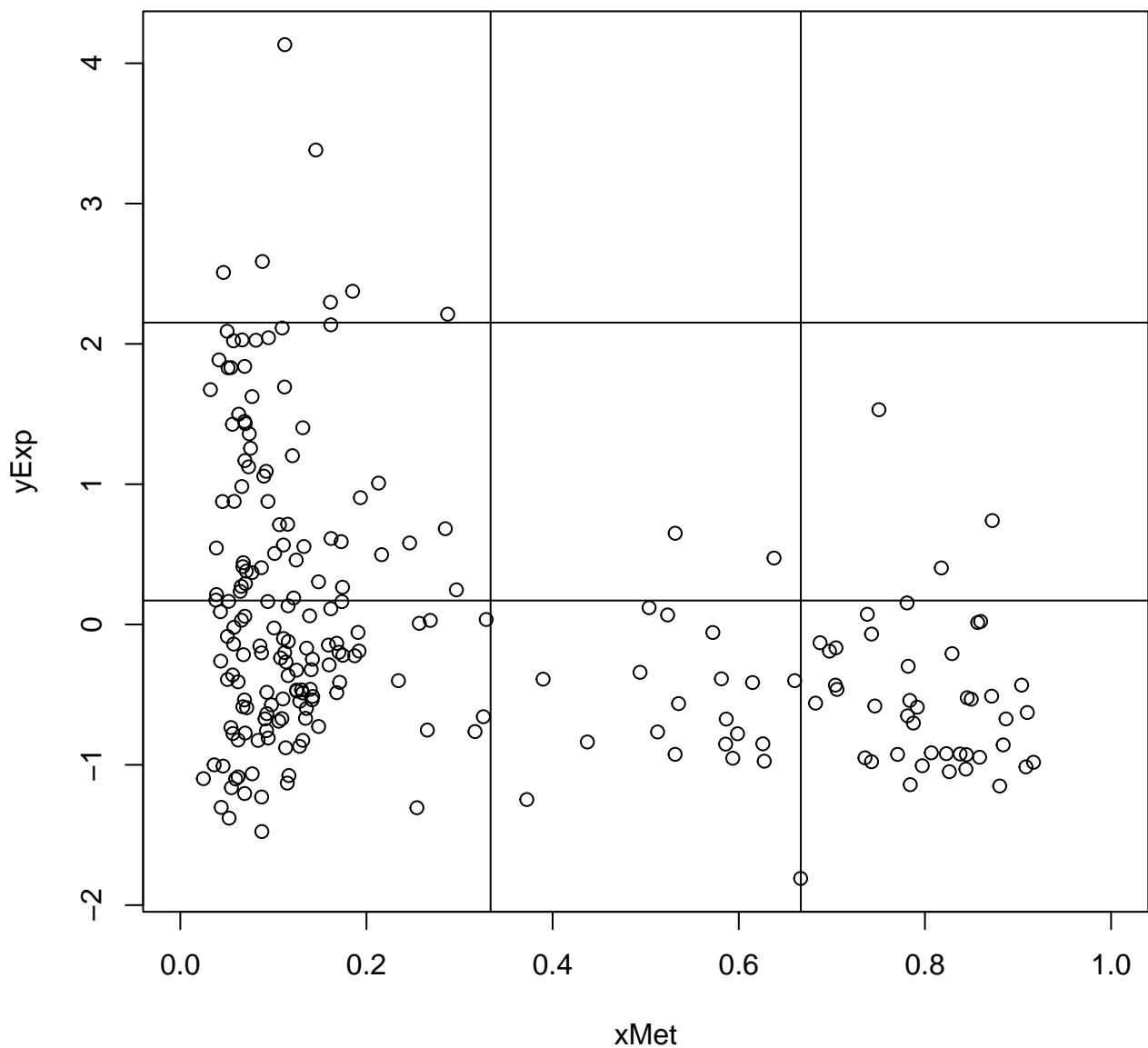
LIMS2, 143



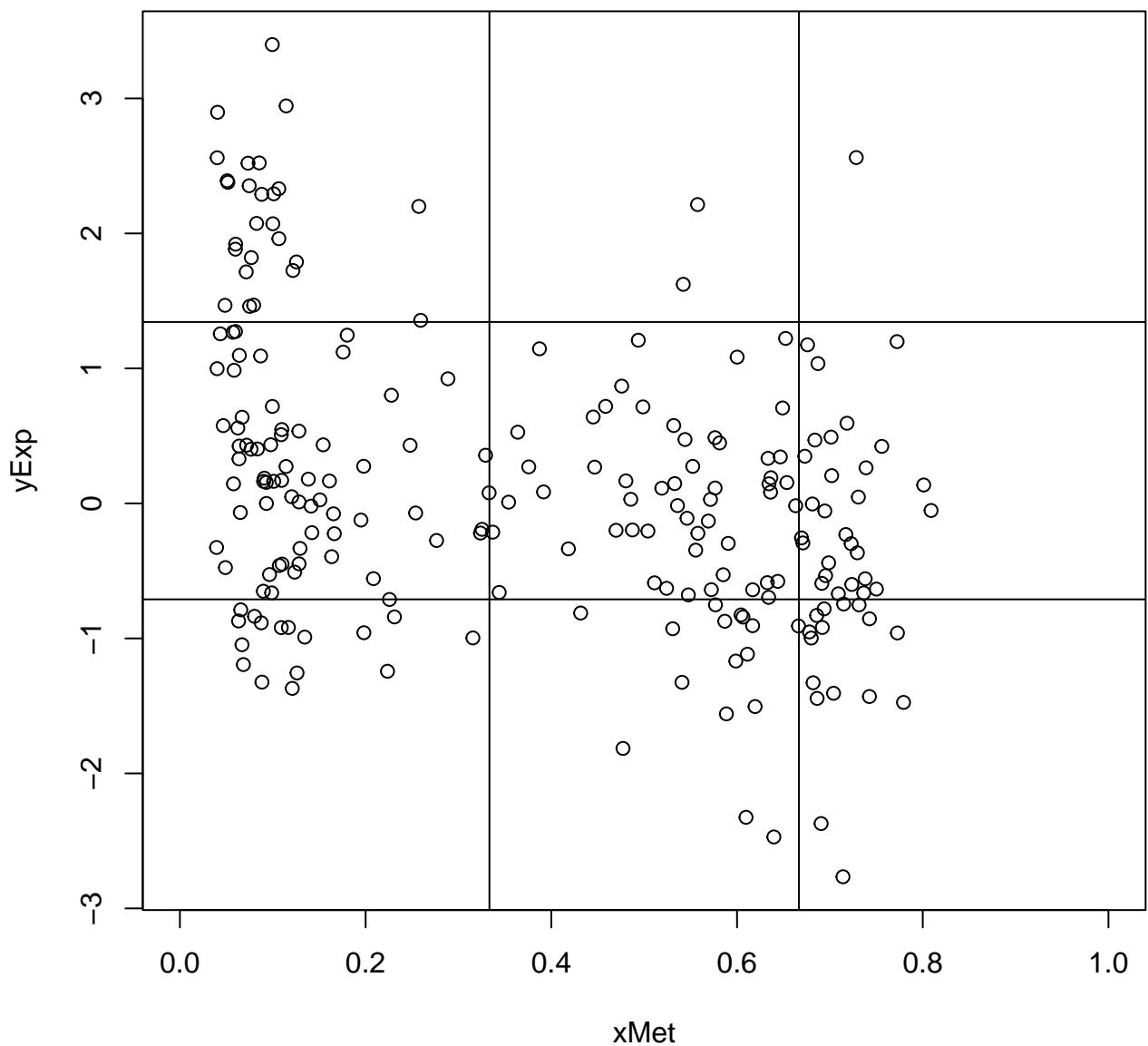
LIN28A, -456



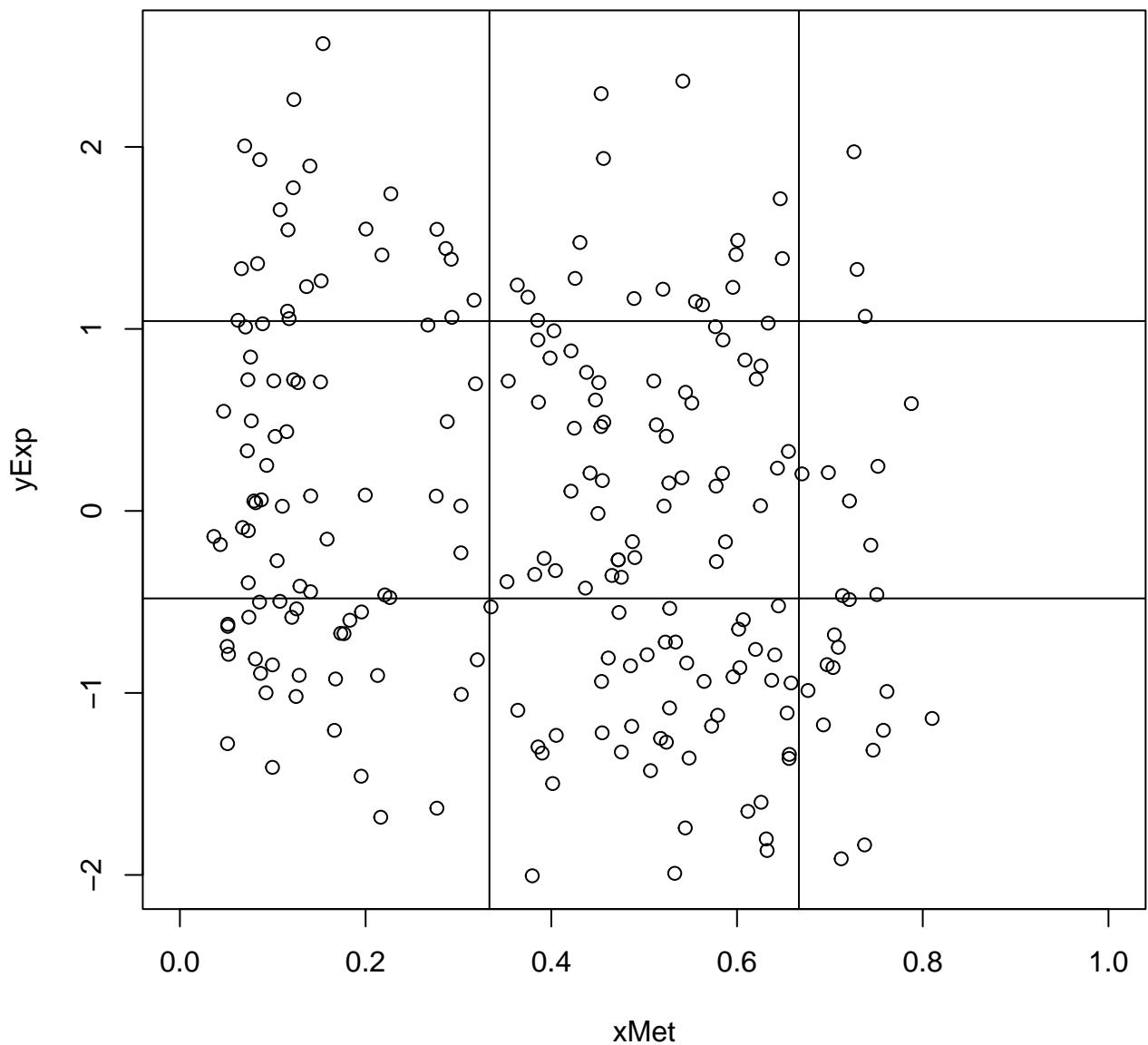
LIN7A, 259



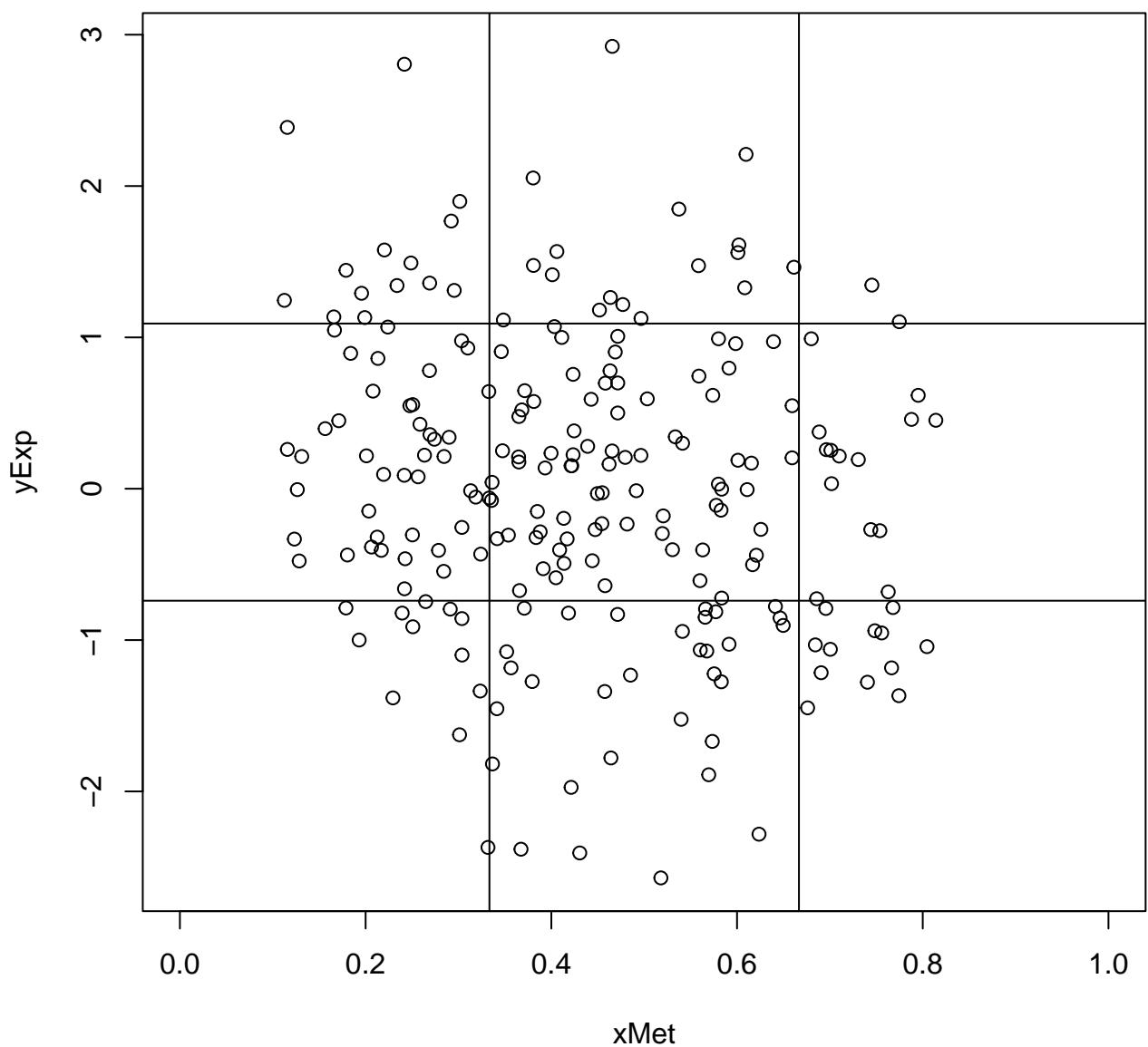
LPL, 76.4



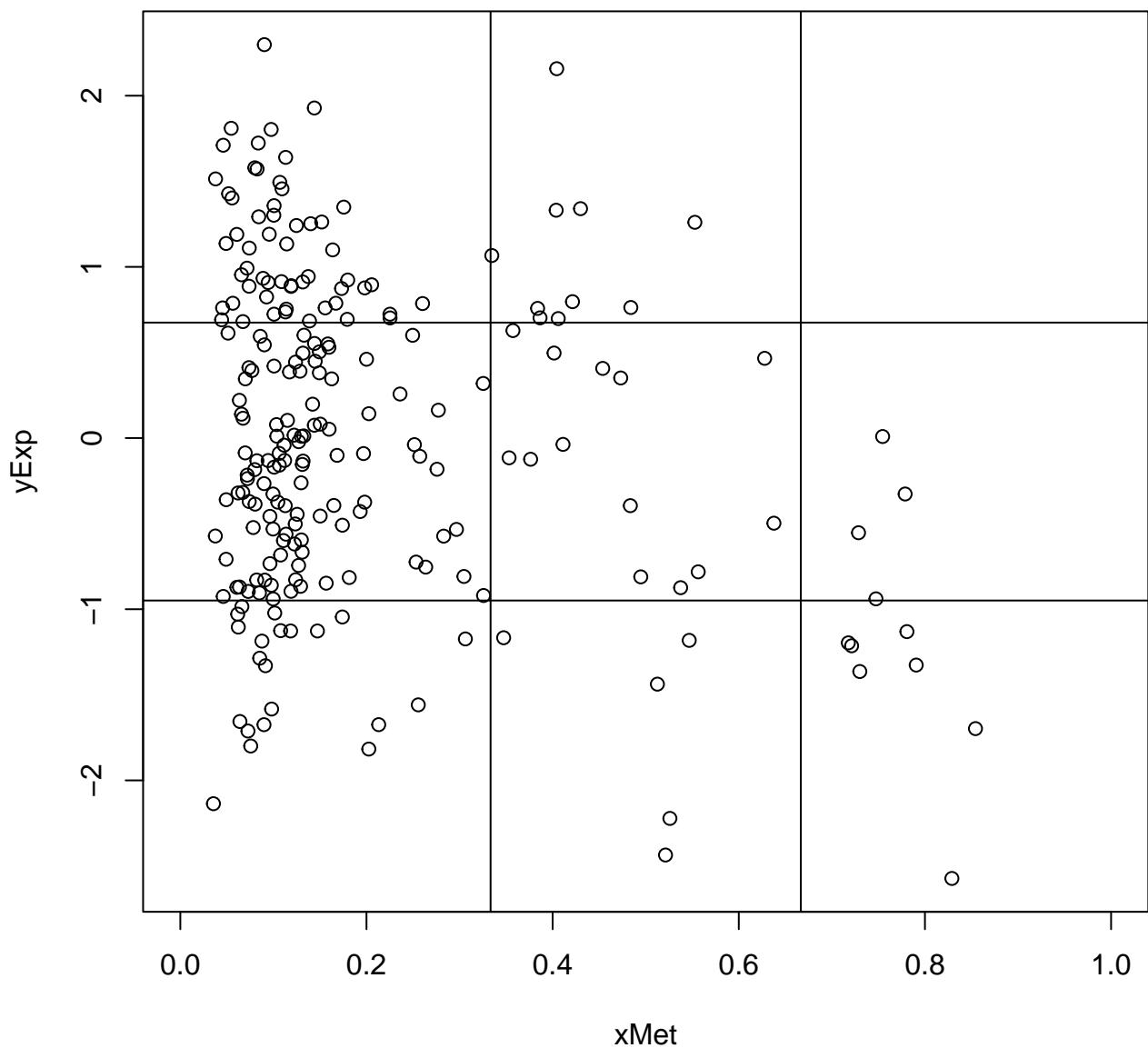
LRAT, -0.8000000000000011



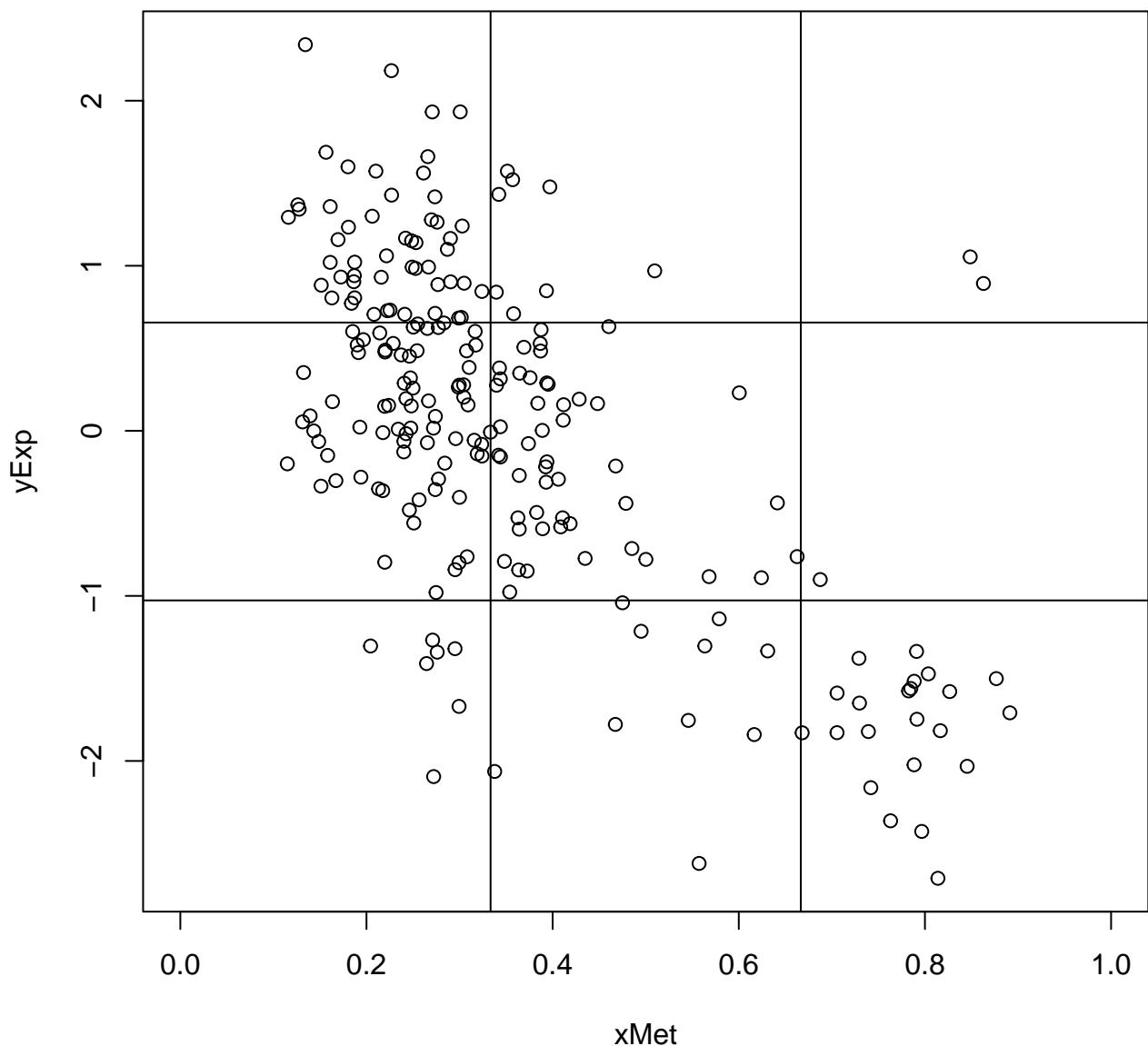
LRIT1, -13.2



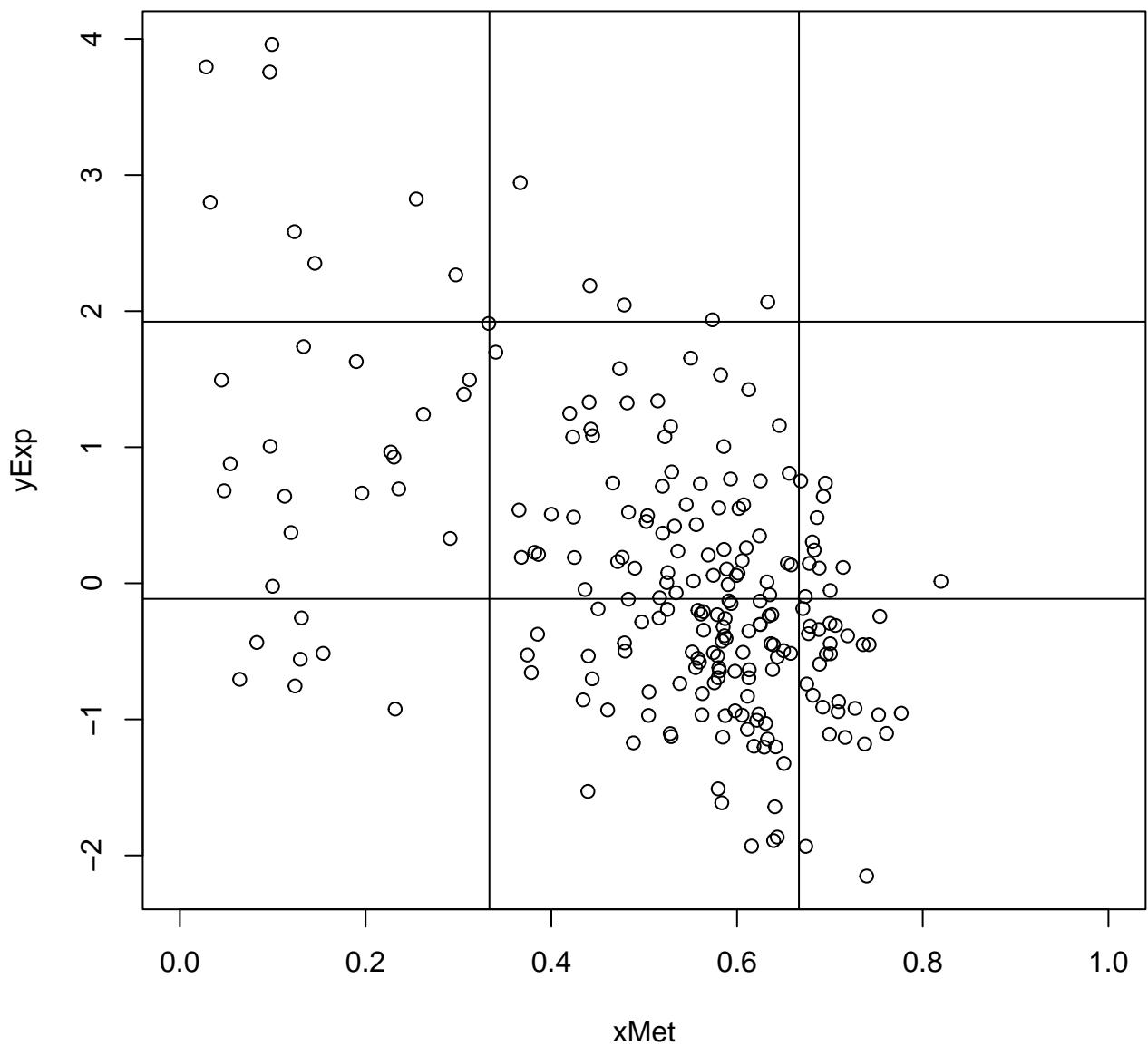
LRP12, 231



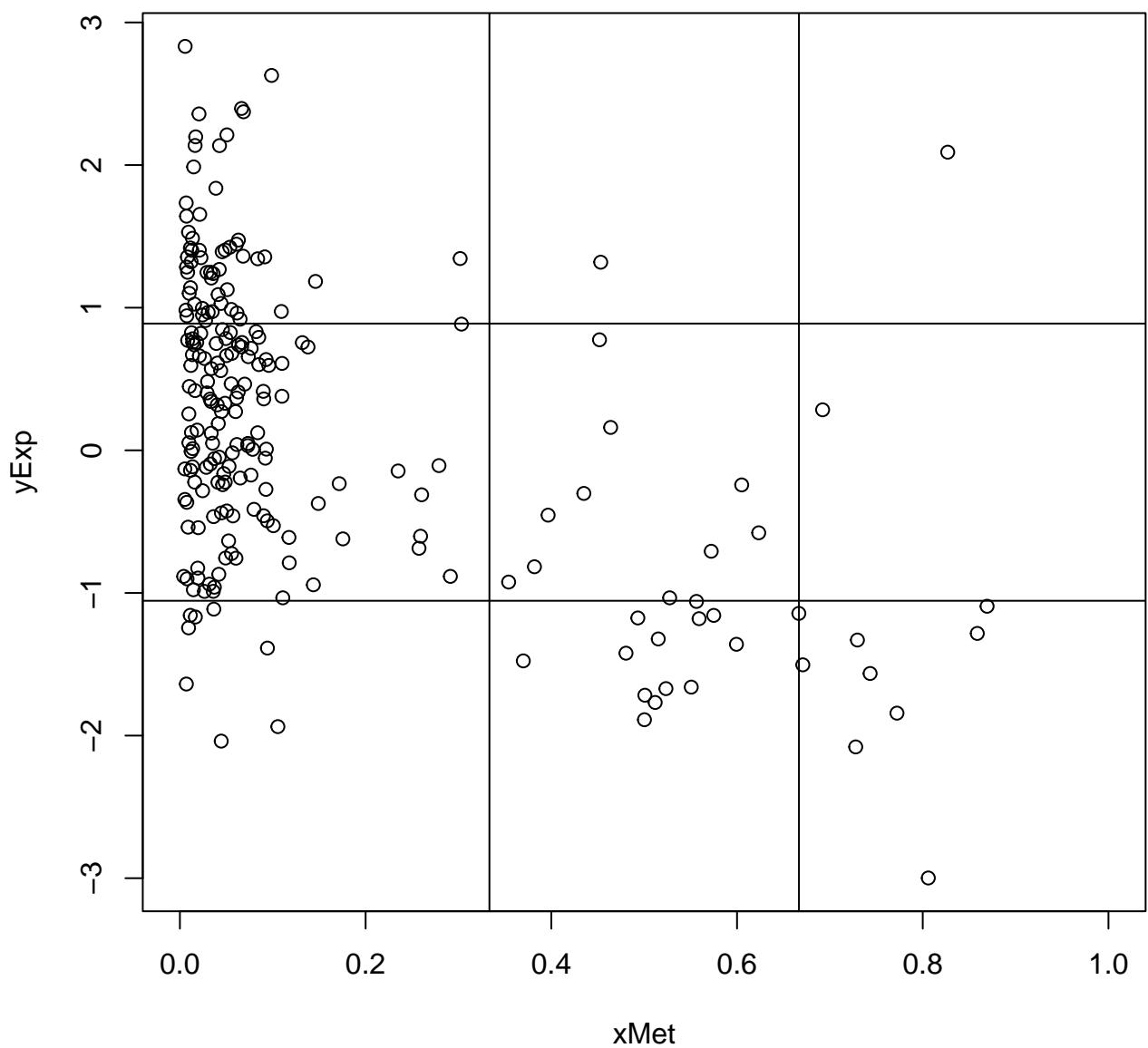
LRRC2, 129.8



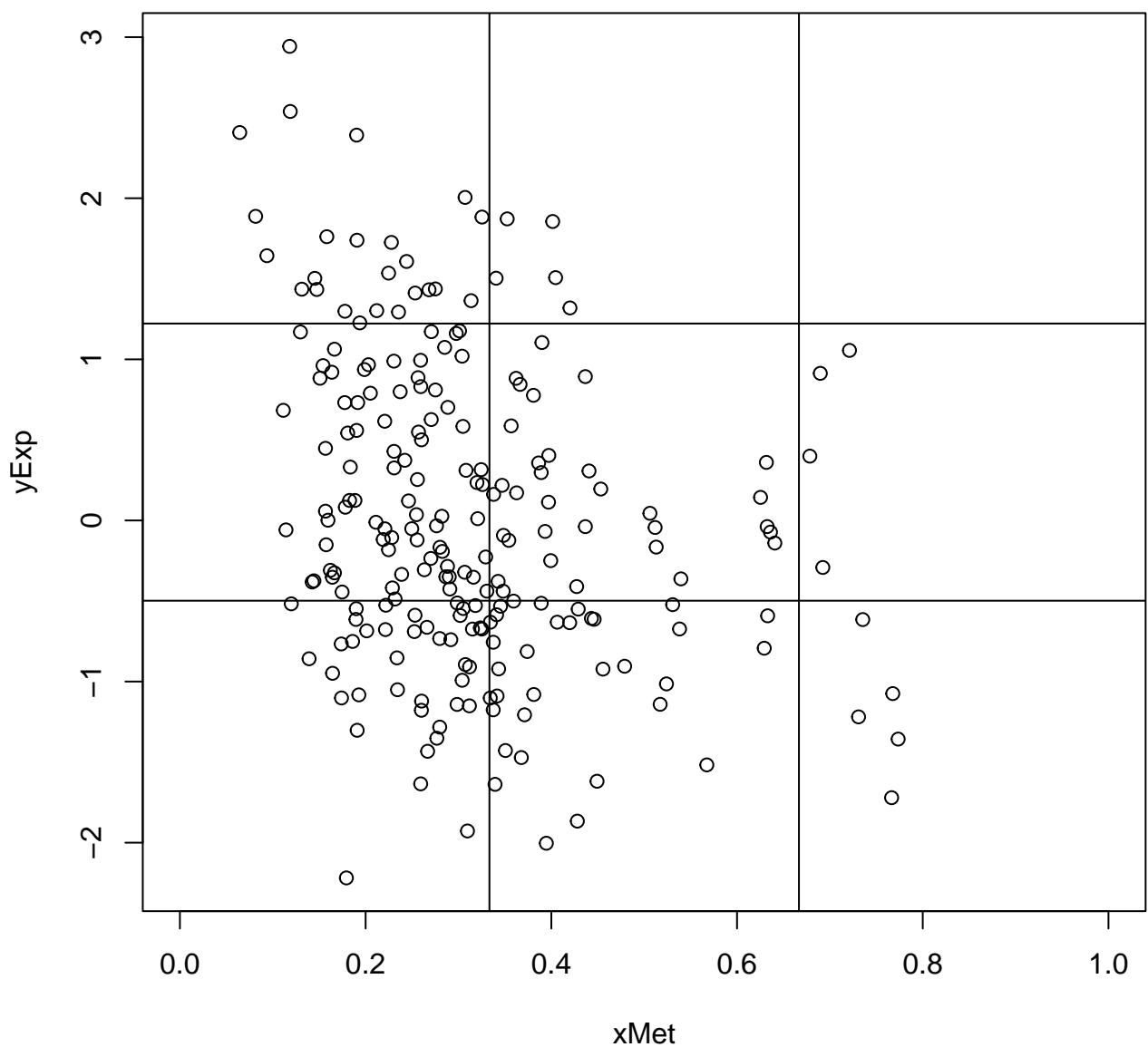
LRRC4, 144



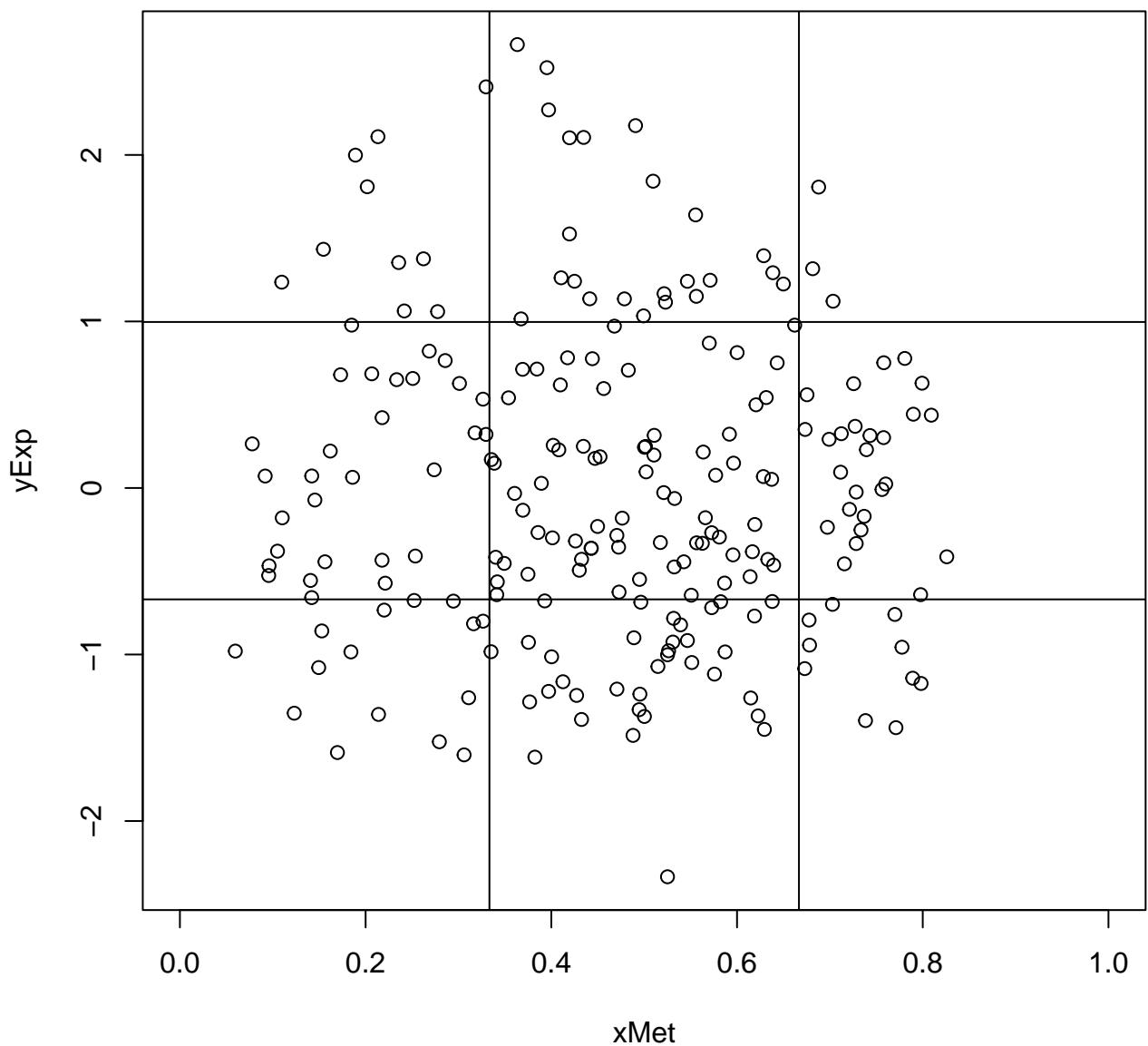
LY6E, 225.4



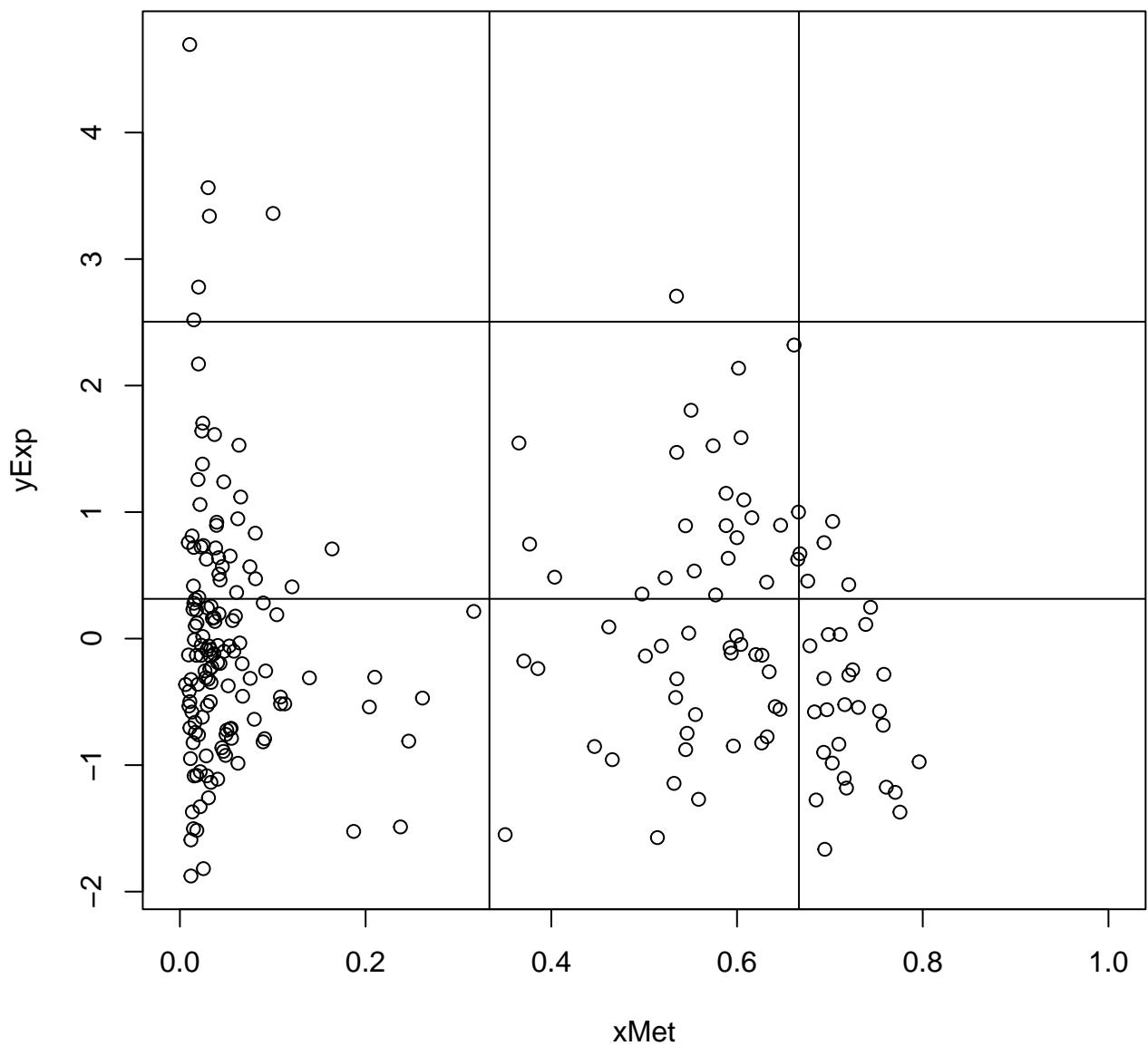
LYZ, 193



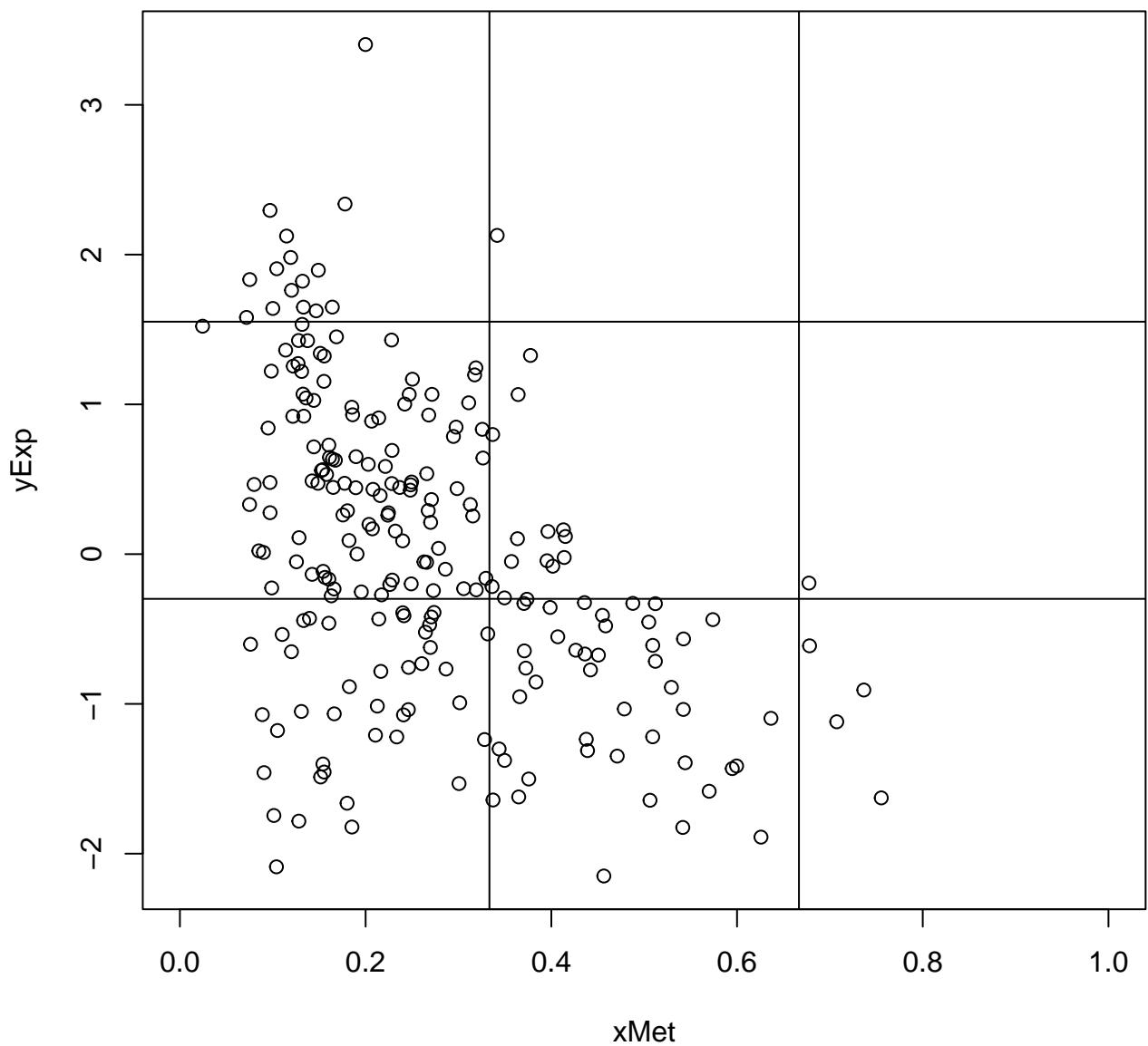
MADCAM1, -112.8



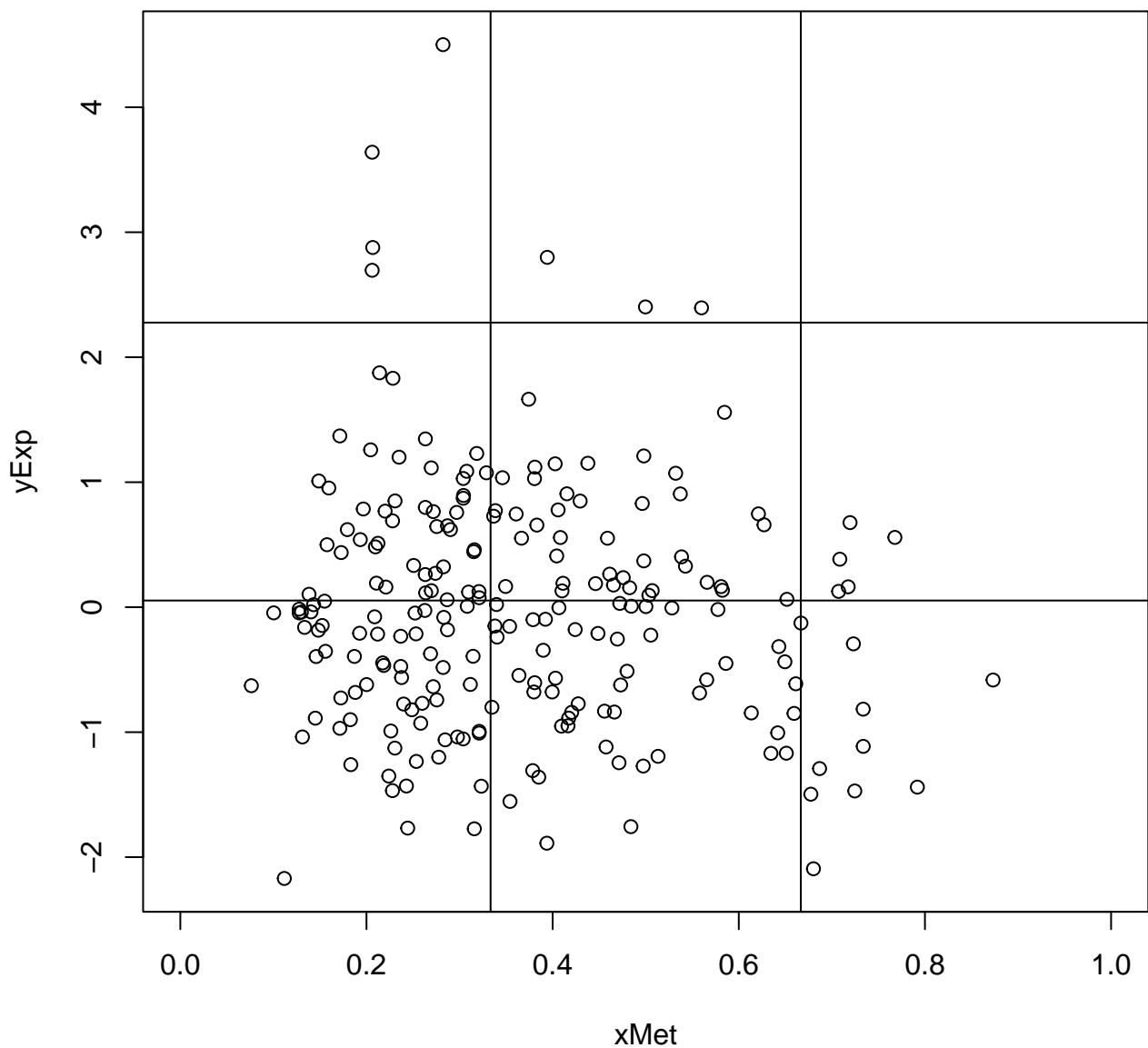
MAP1B, 213



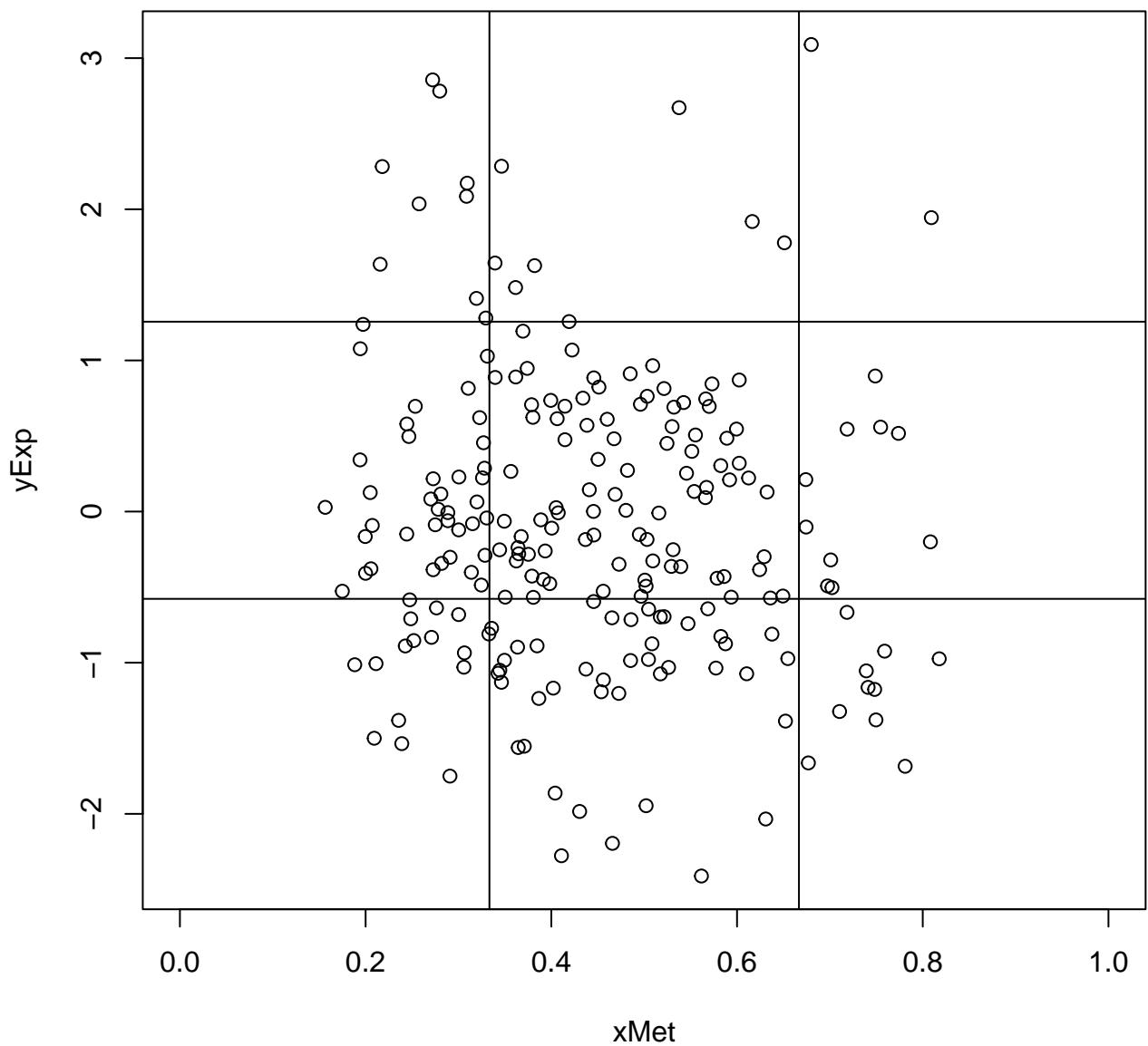
MAP4K2, 223



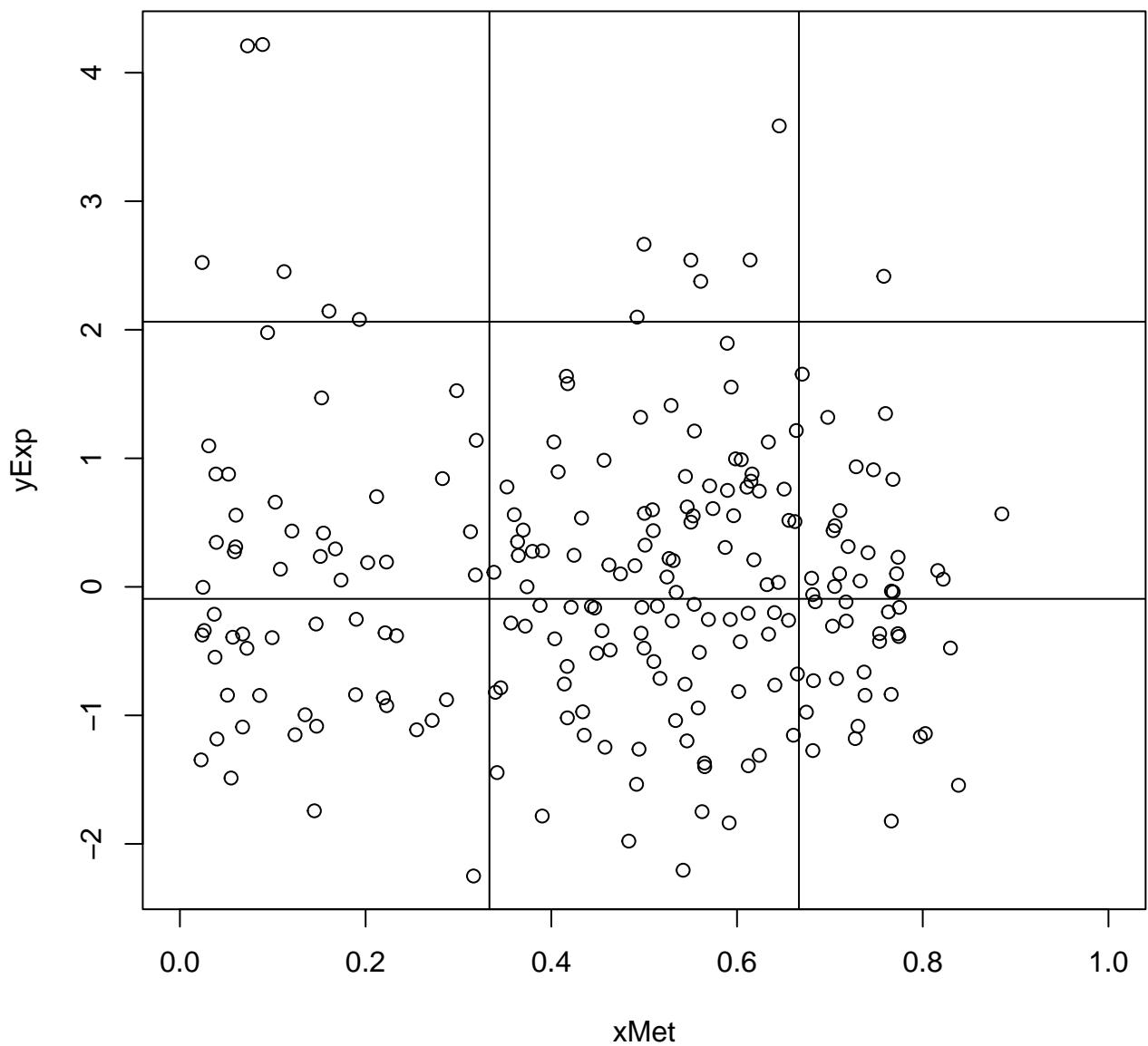
MASP1, 172



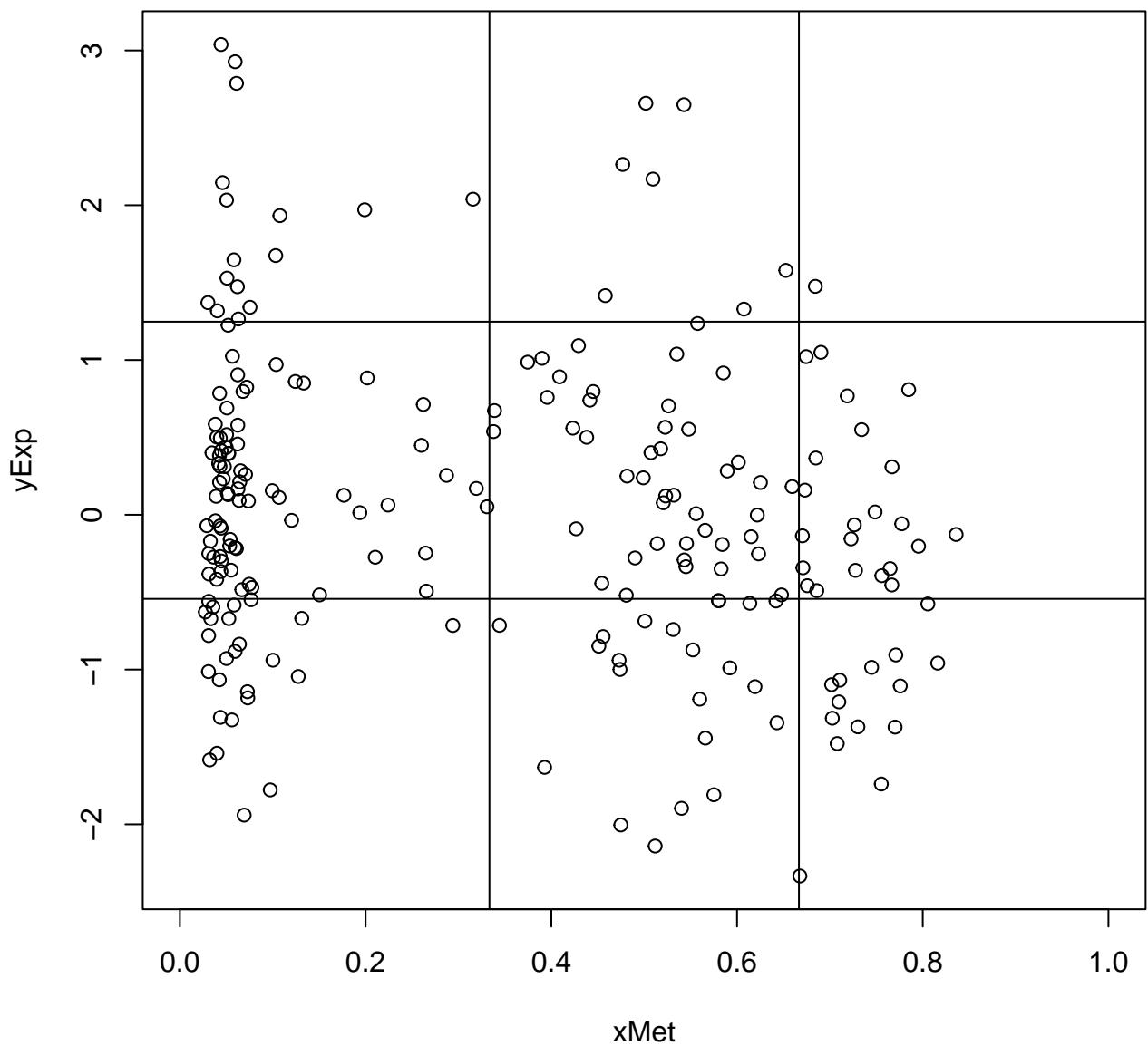
MASP2, 8.8



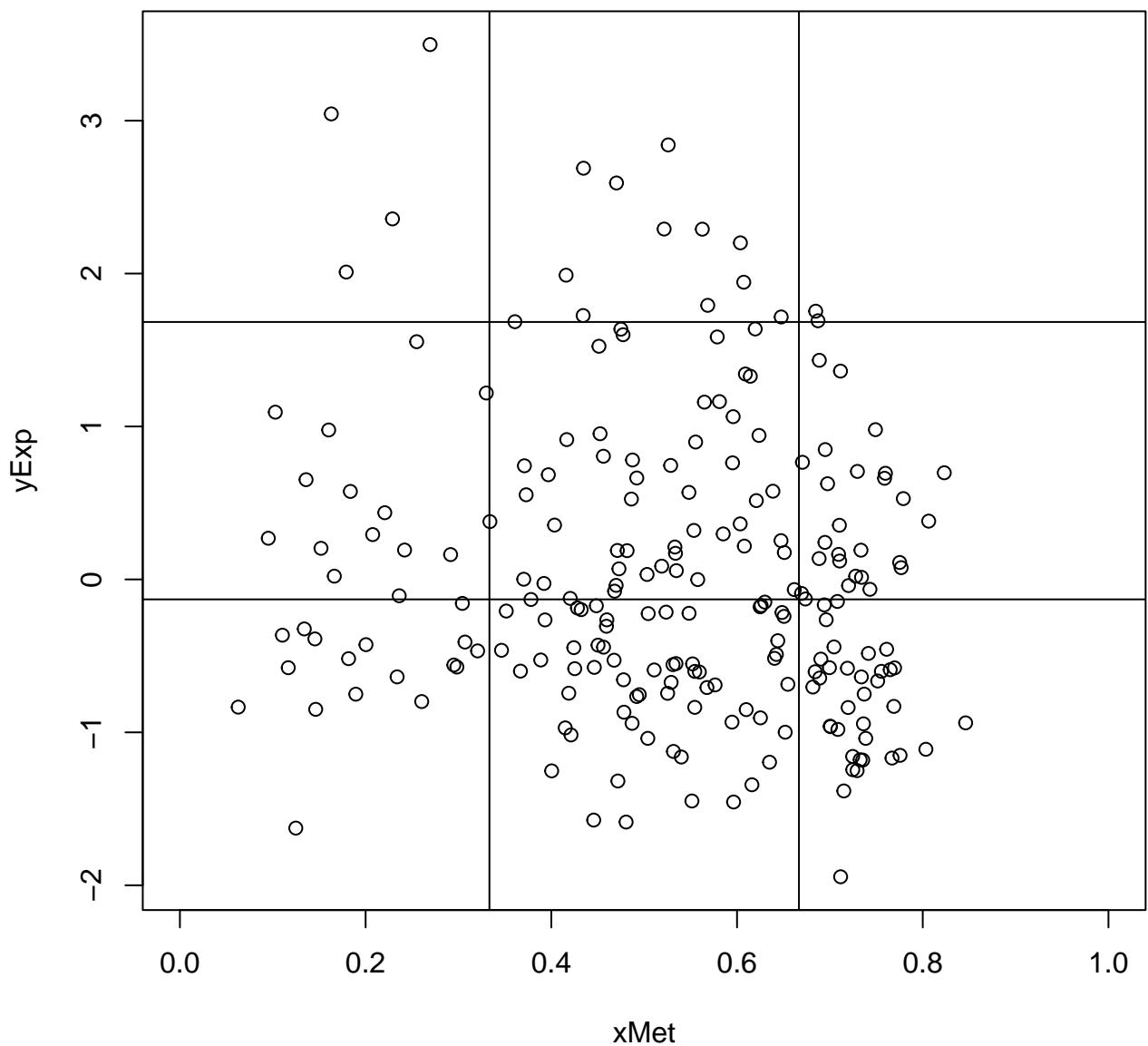
MATK, 65.4



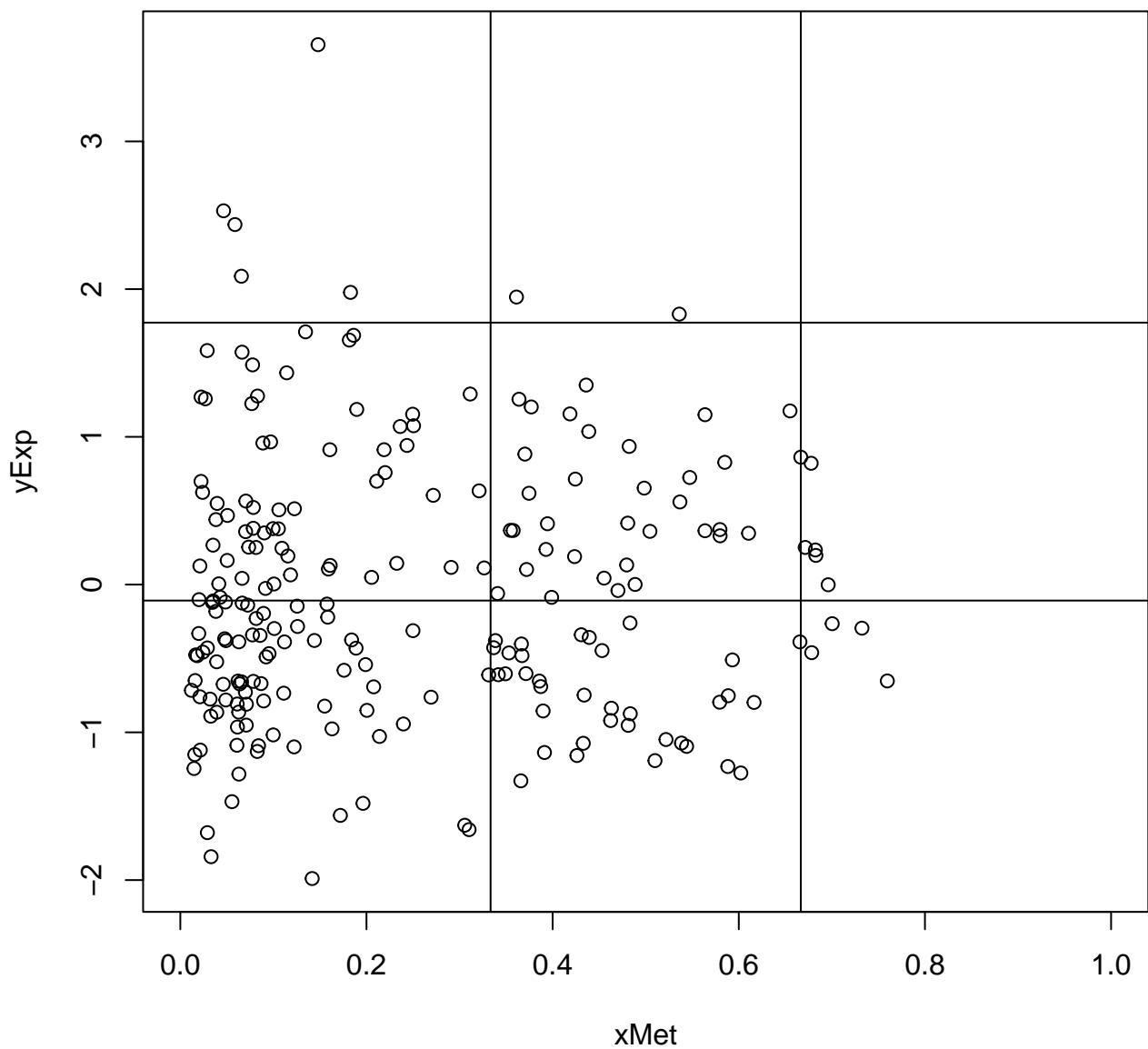
MCC, 76.4



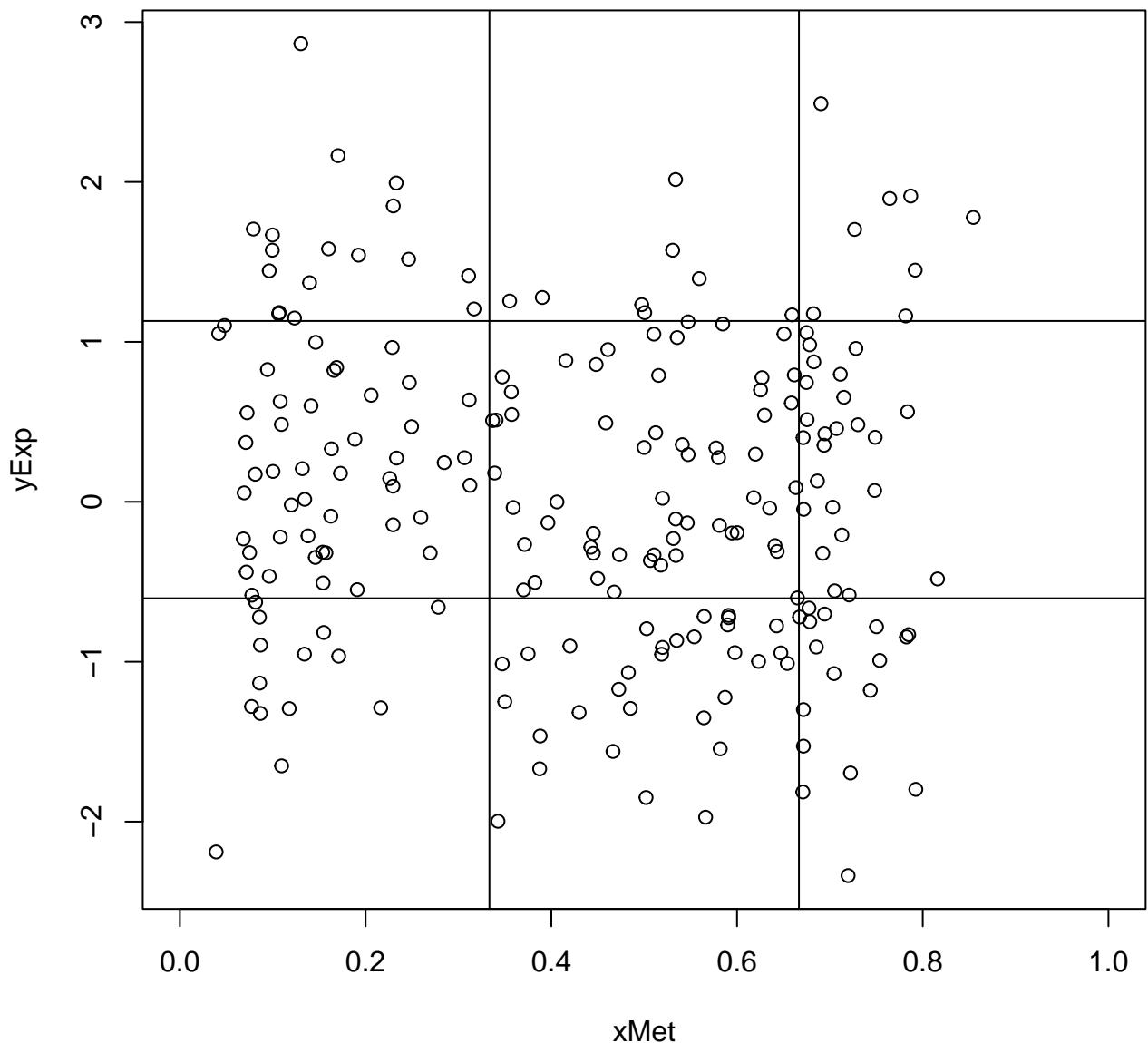
MCEMP1, 8.8



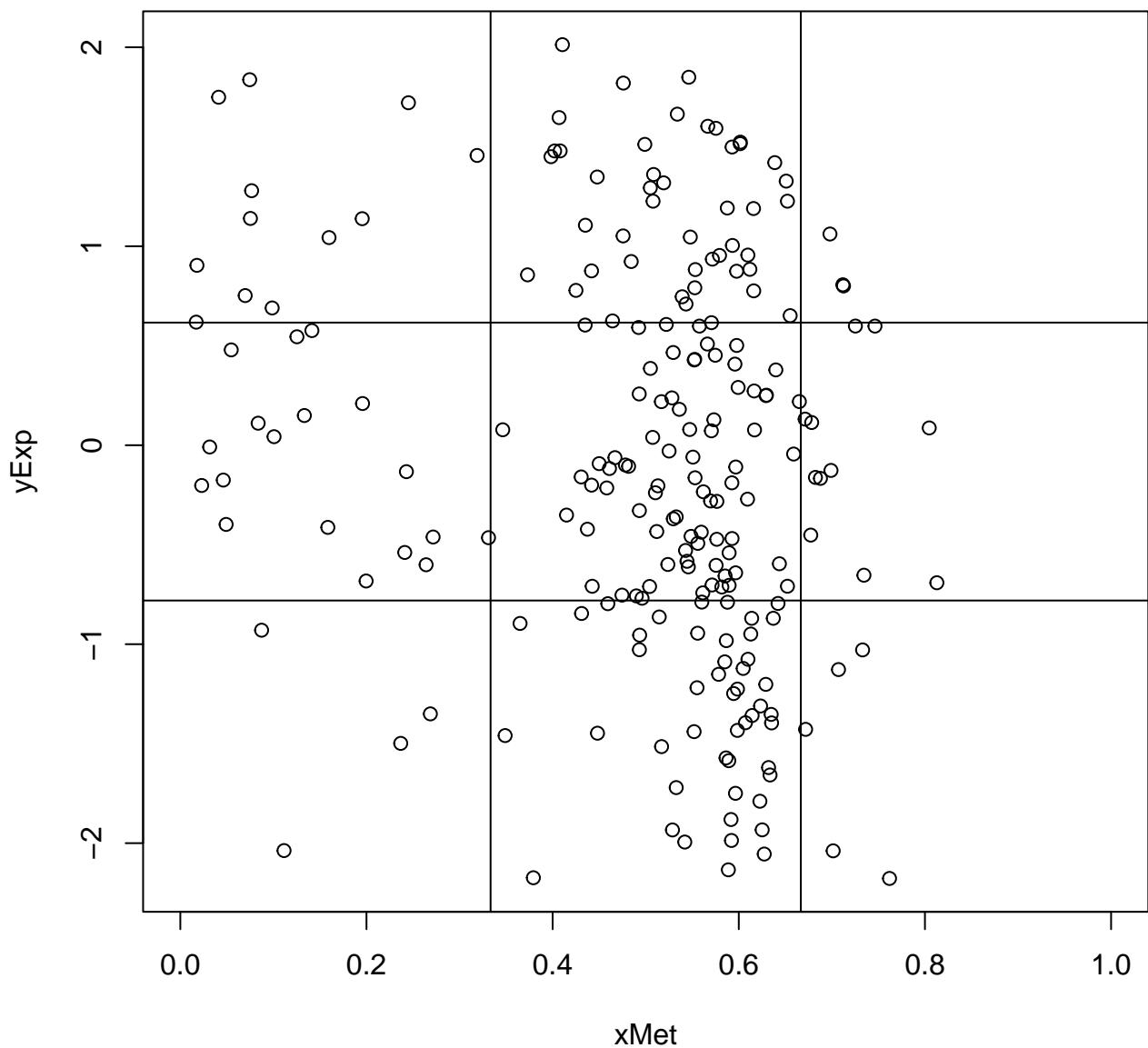
MEDAG, 177



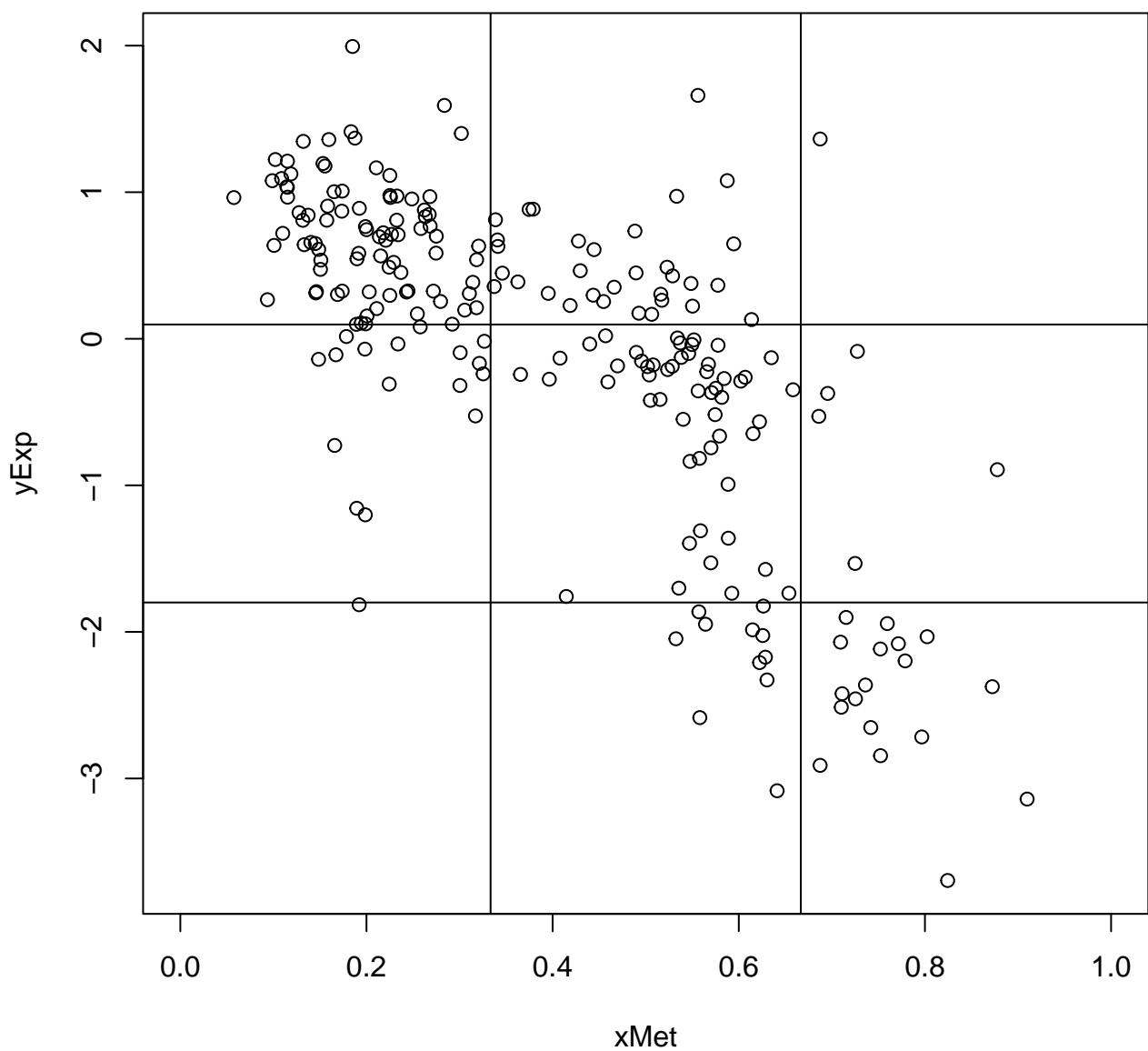
MEGF10, -260.8



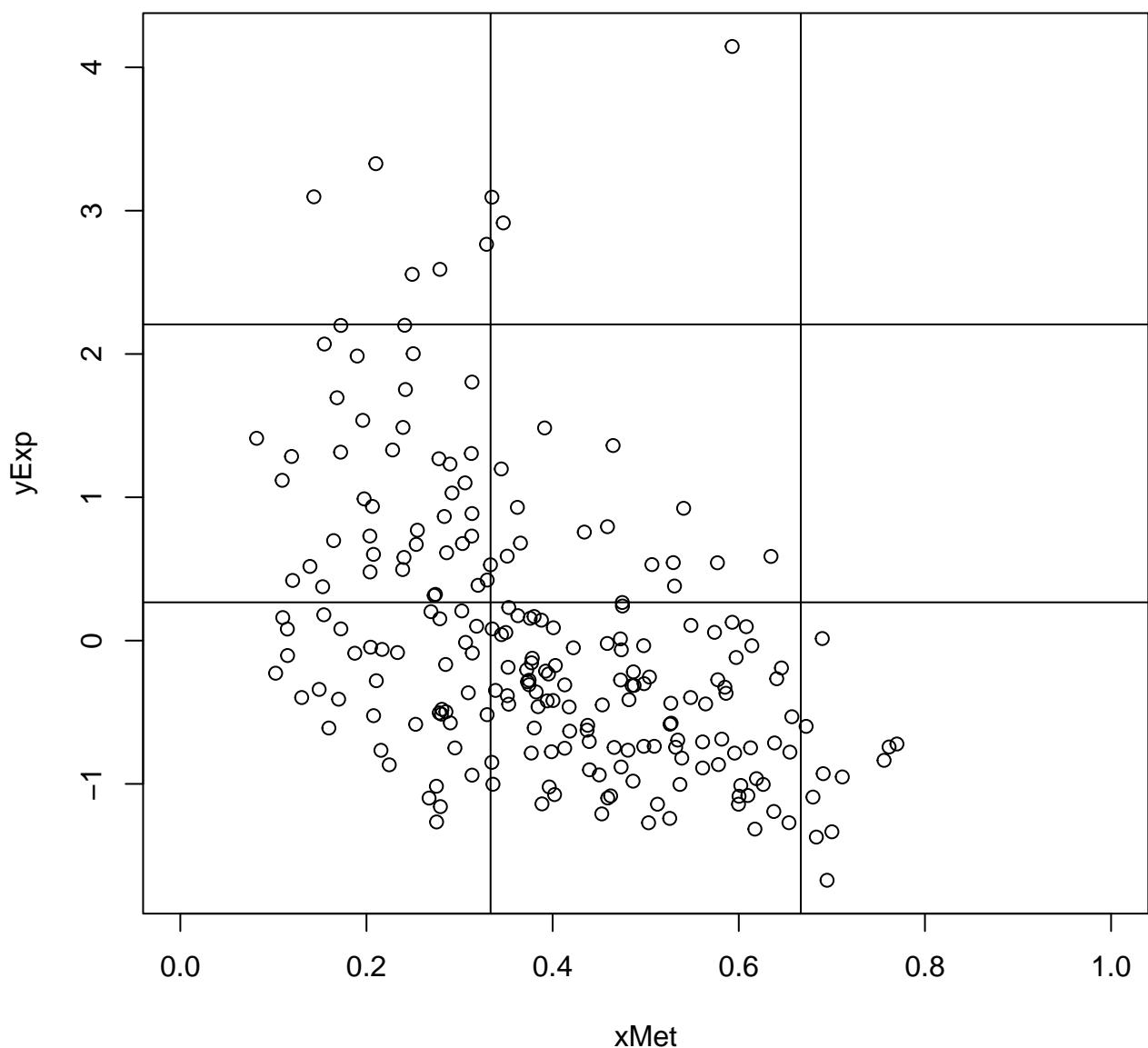
MGAT3, -140.8



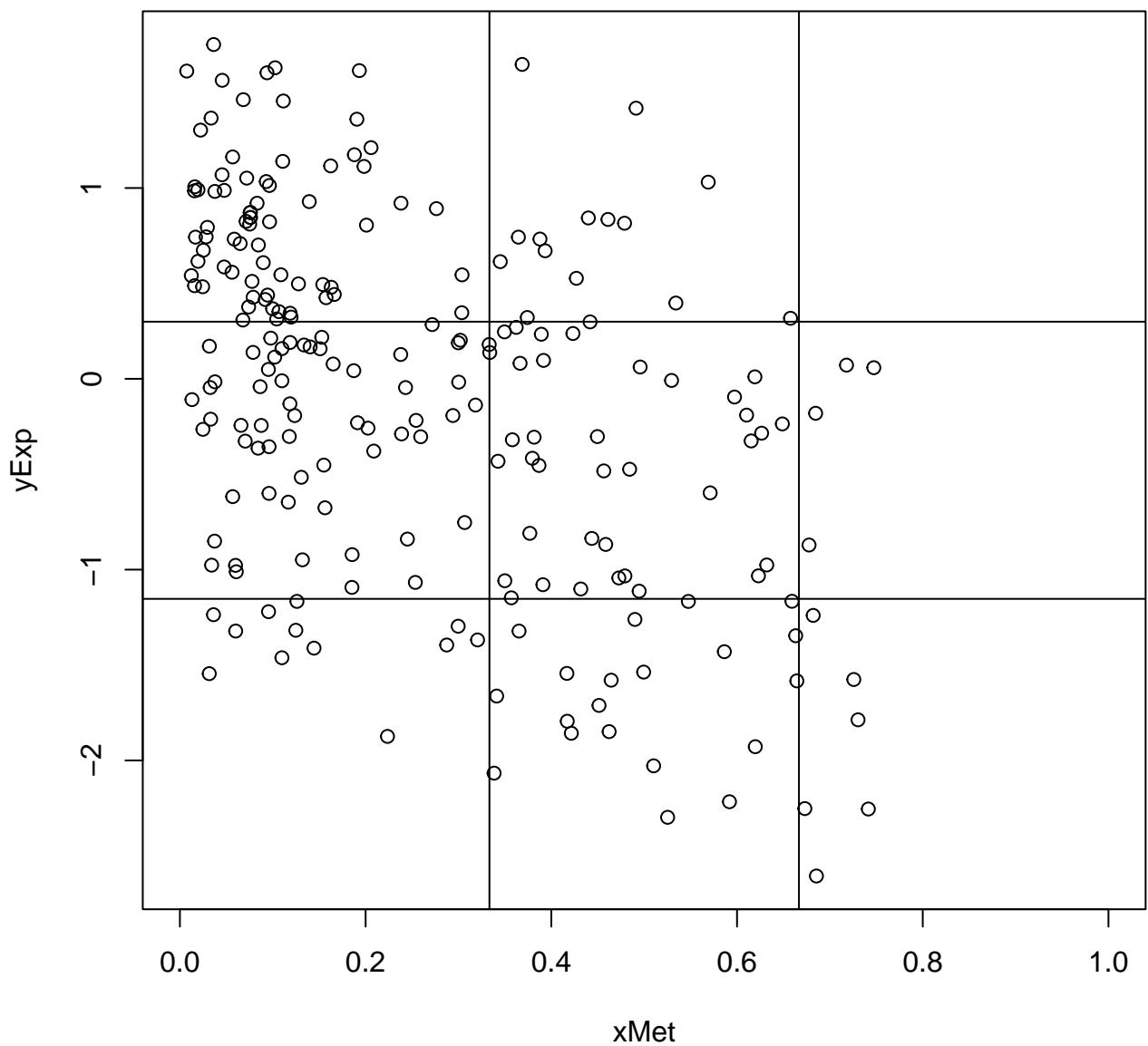
MGMT, 119.4



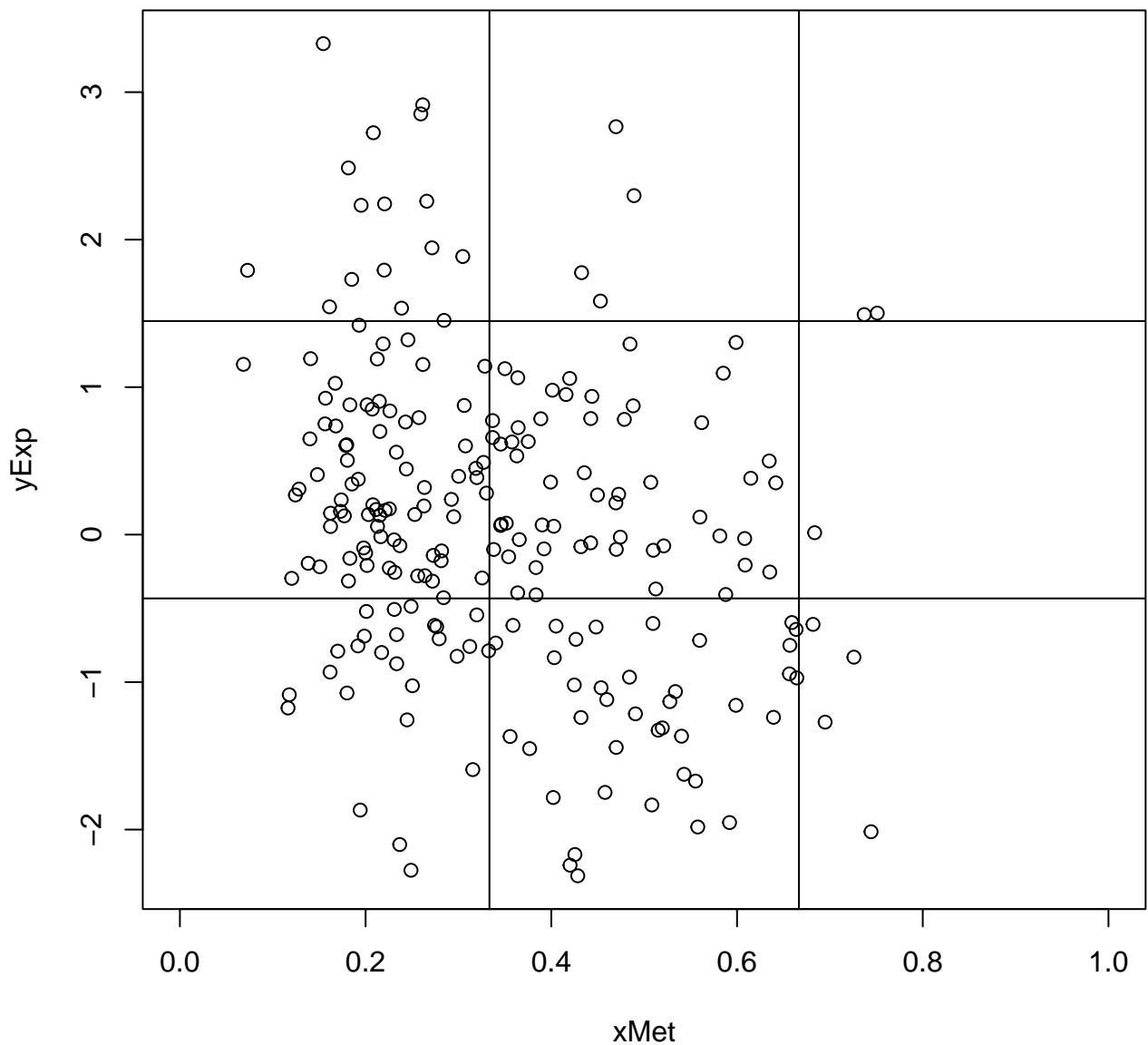
MIA, 216



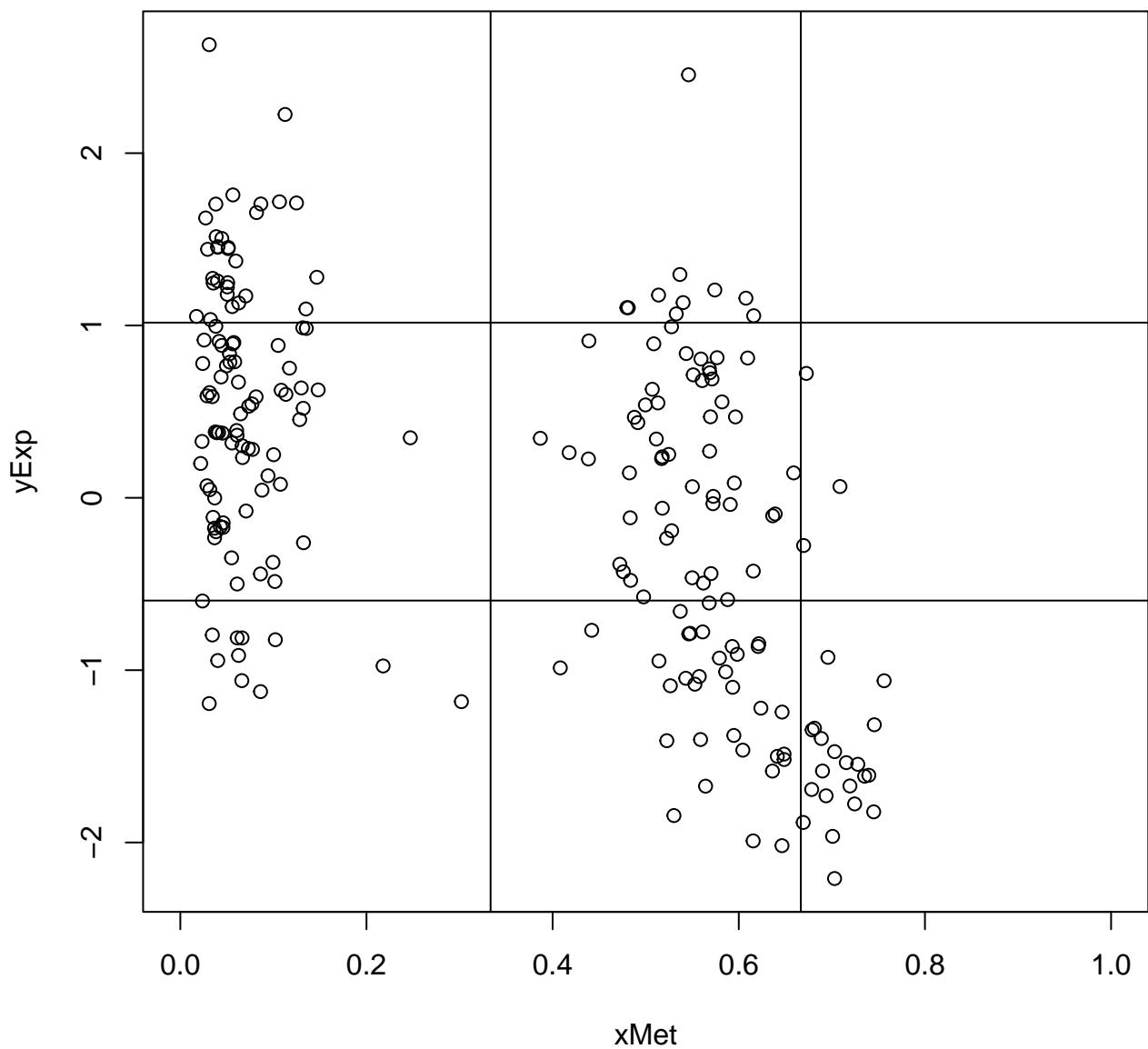
MIPOL1, 209



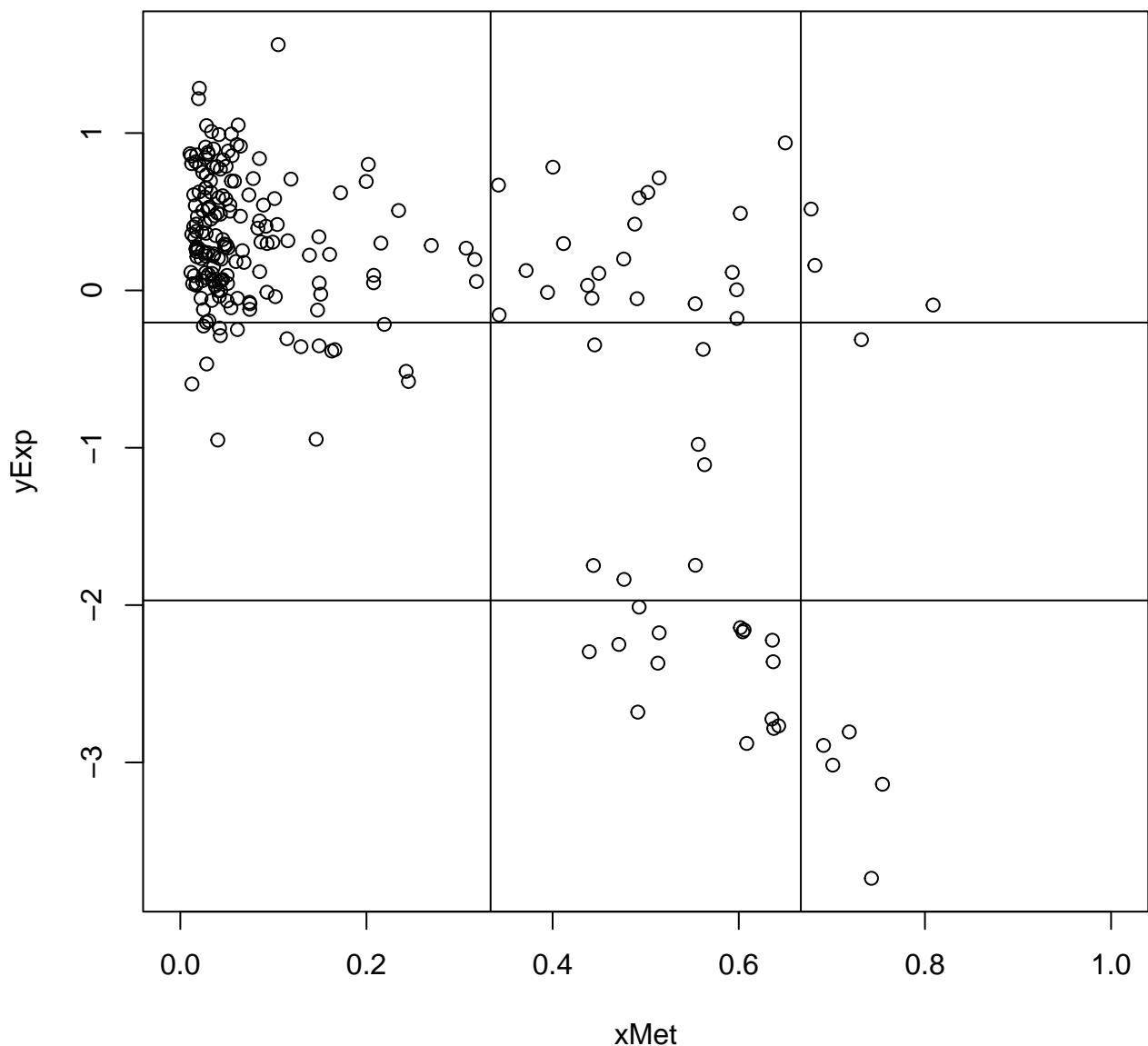
MKNK2, 81.8



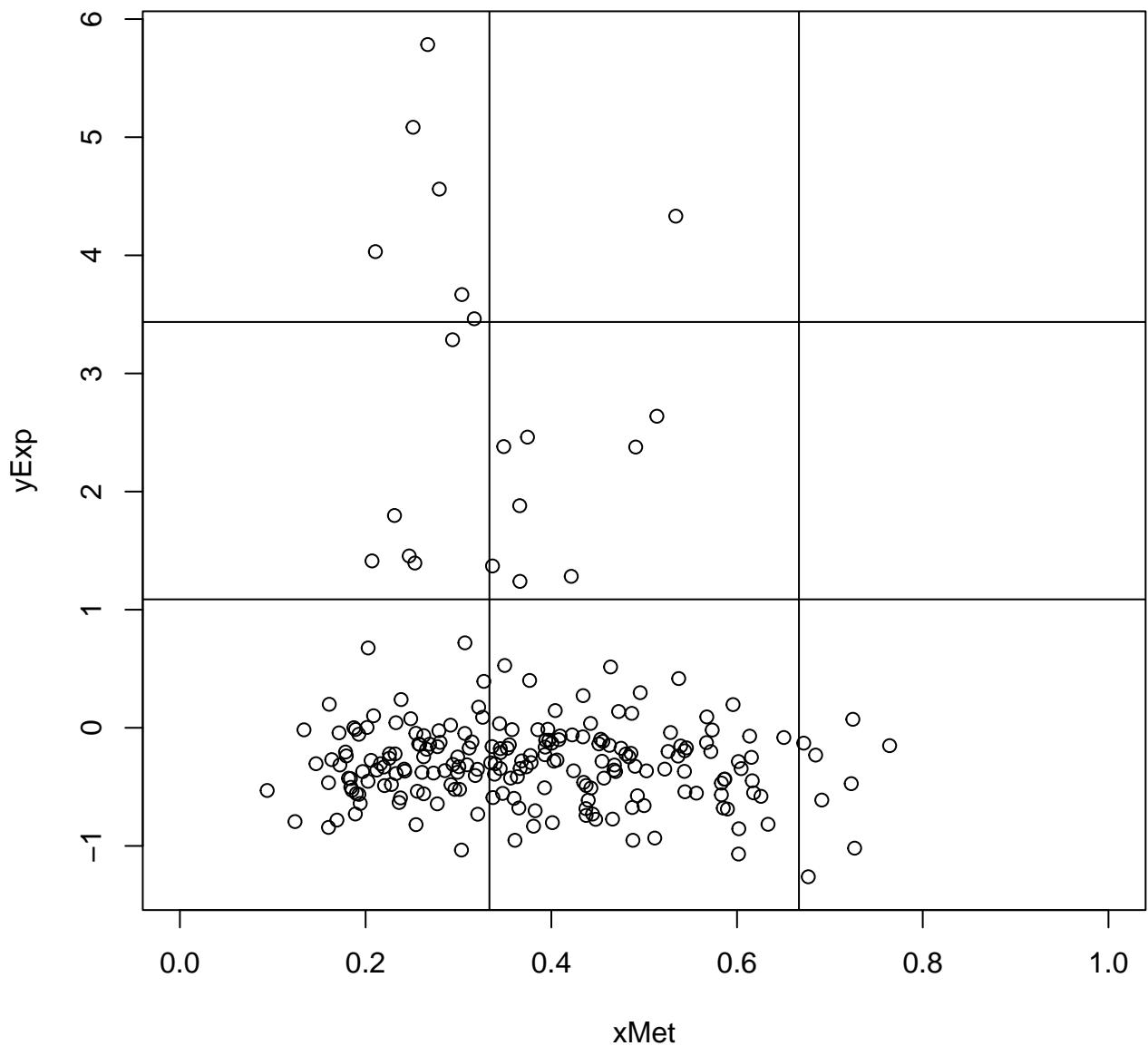
MLF1, 184



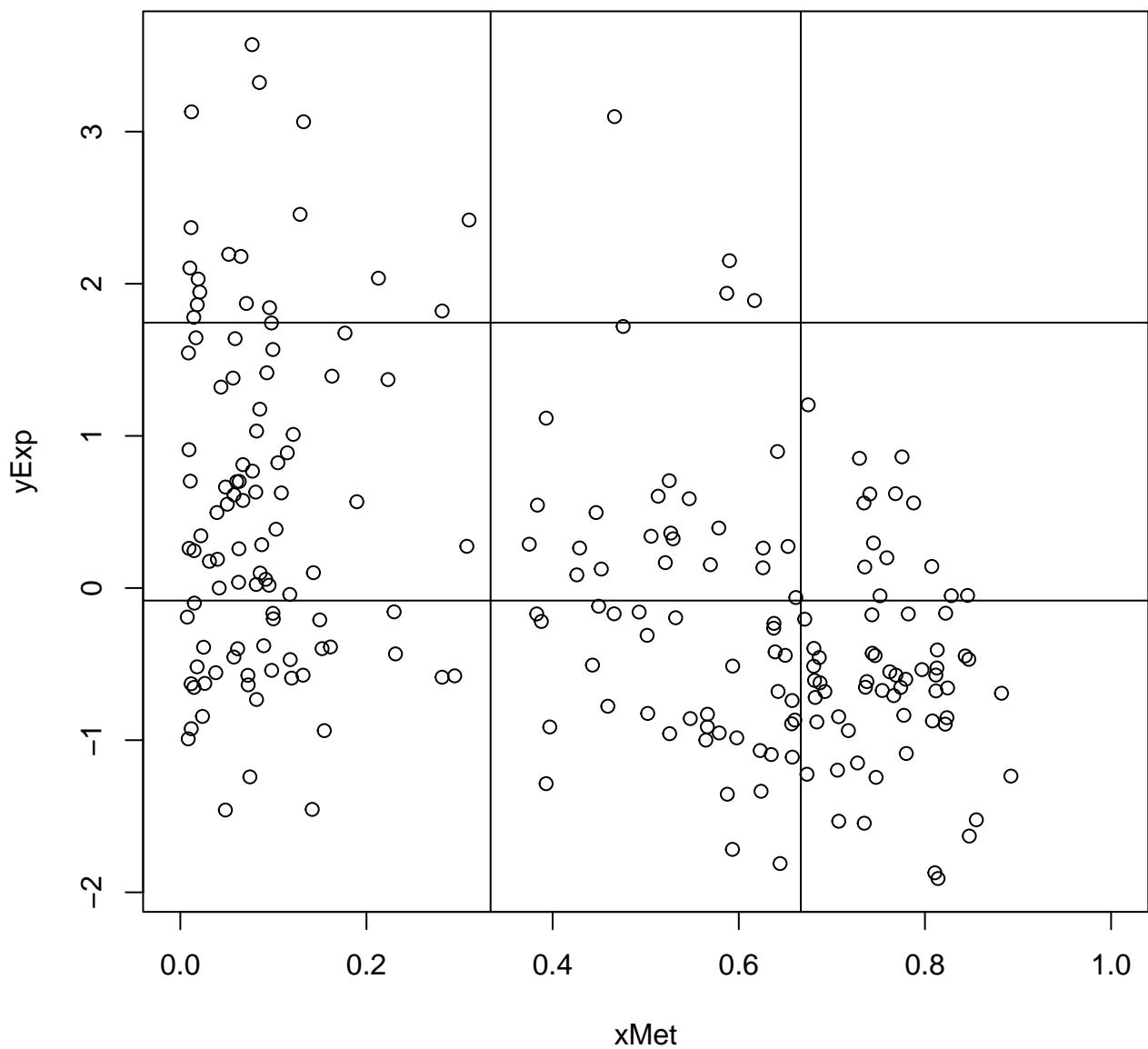
MLH1, 173.2



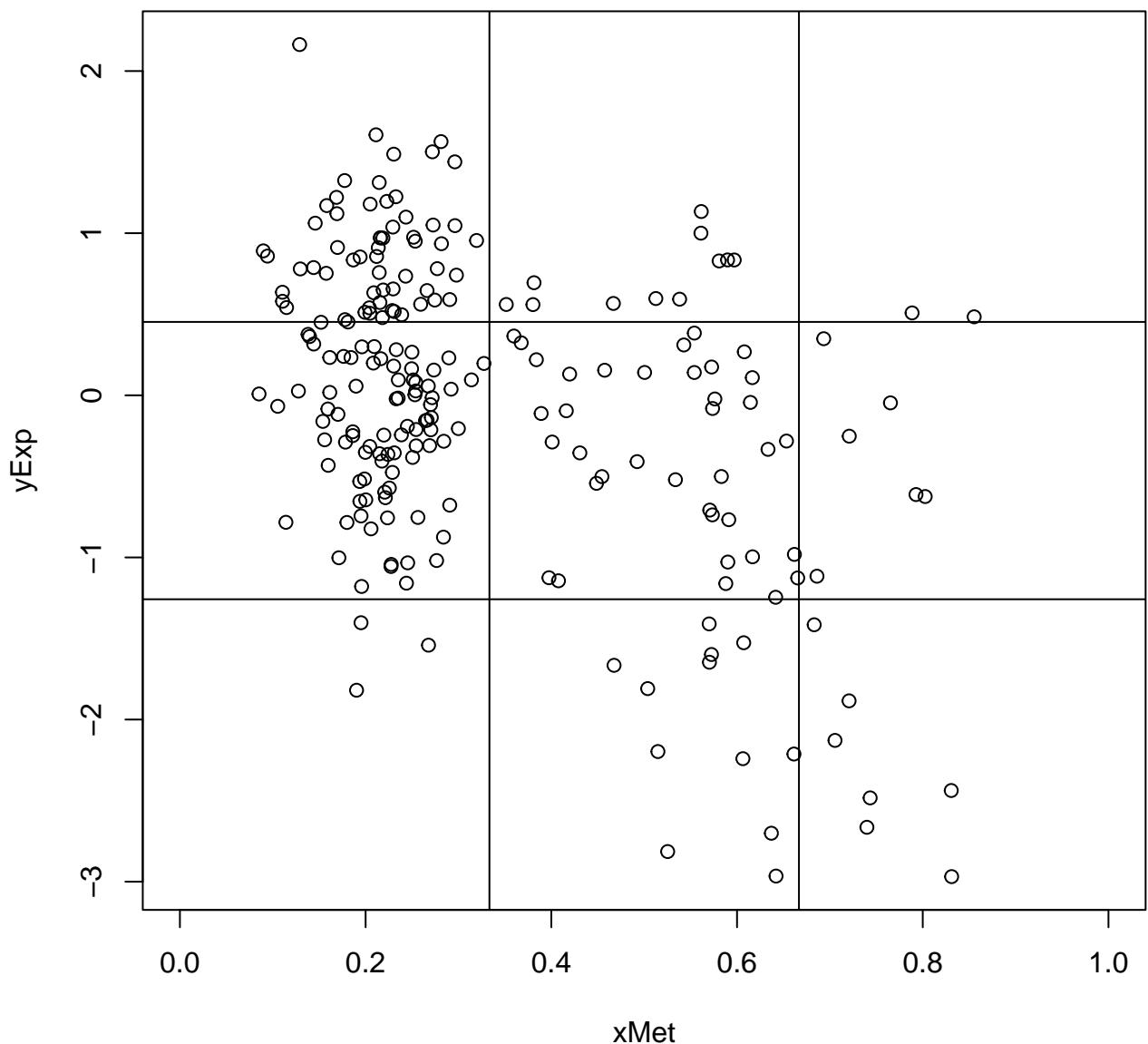
MLN, 226



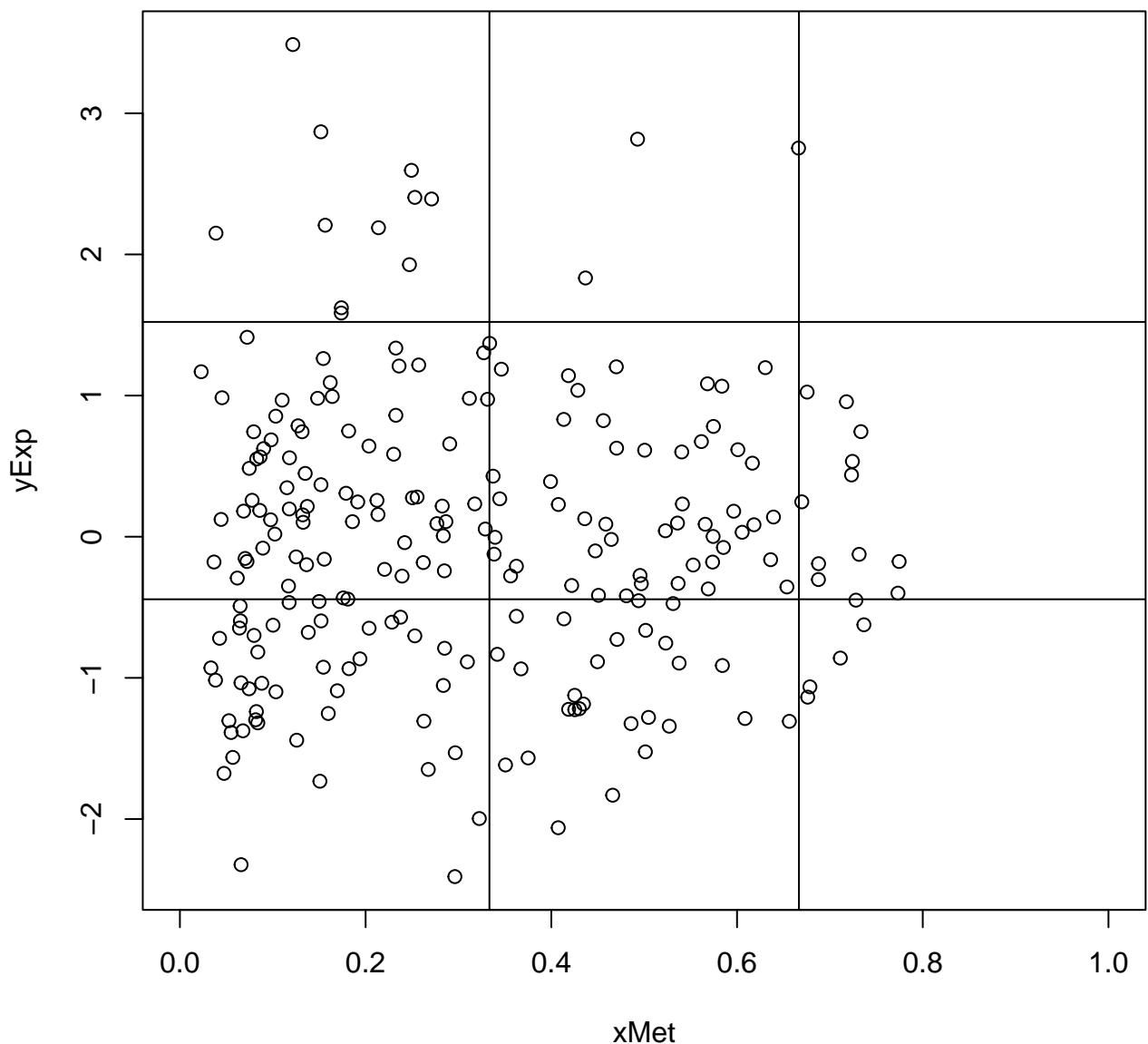
MME, 214



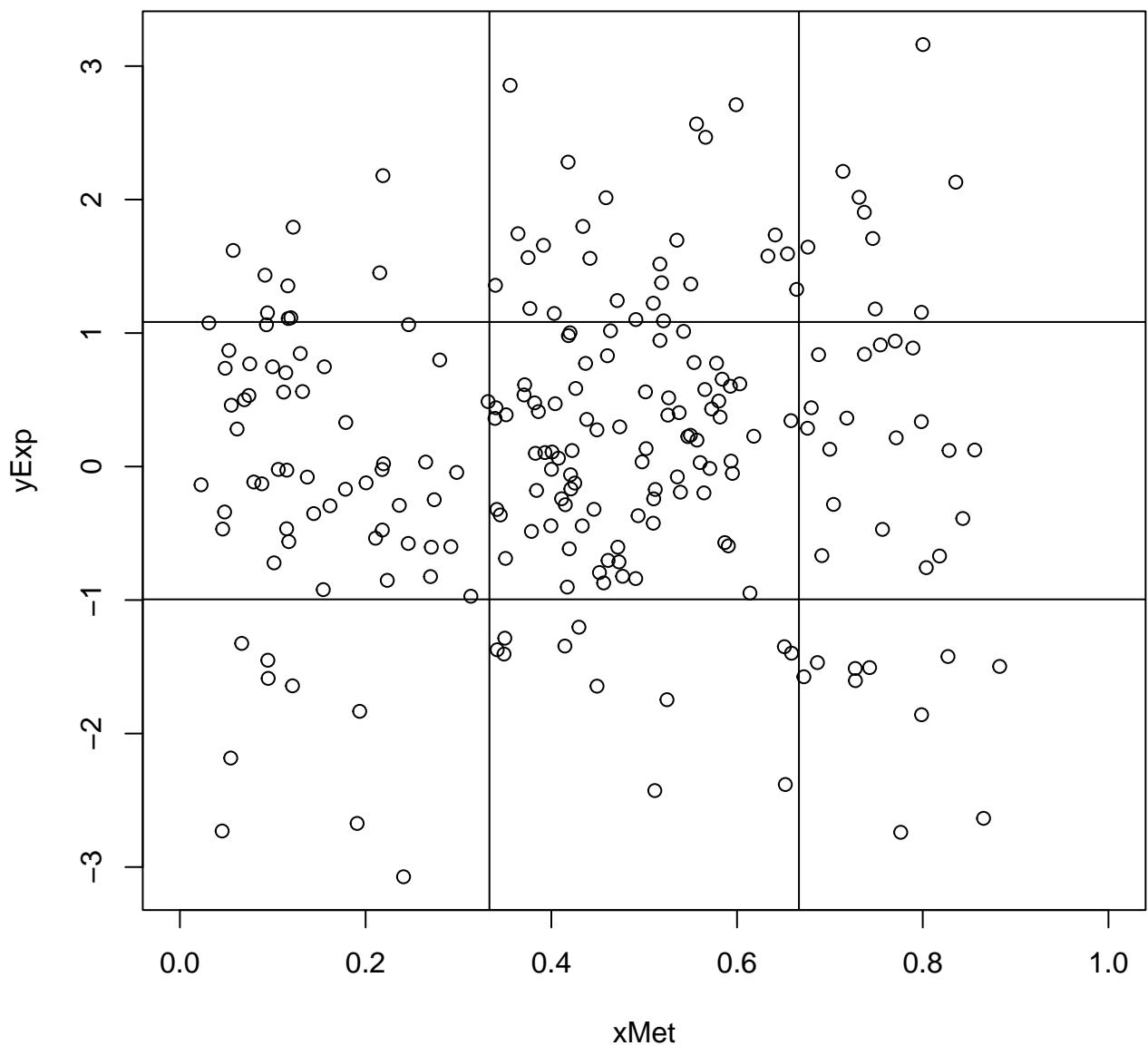
MNS1, 109.8



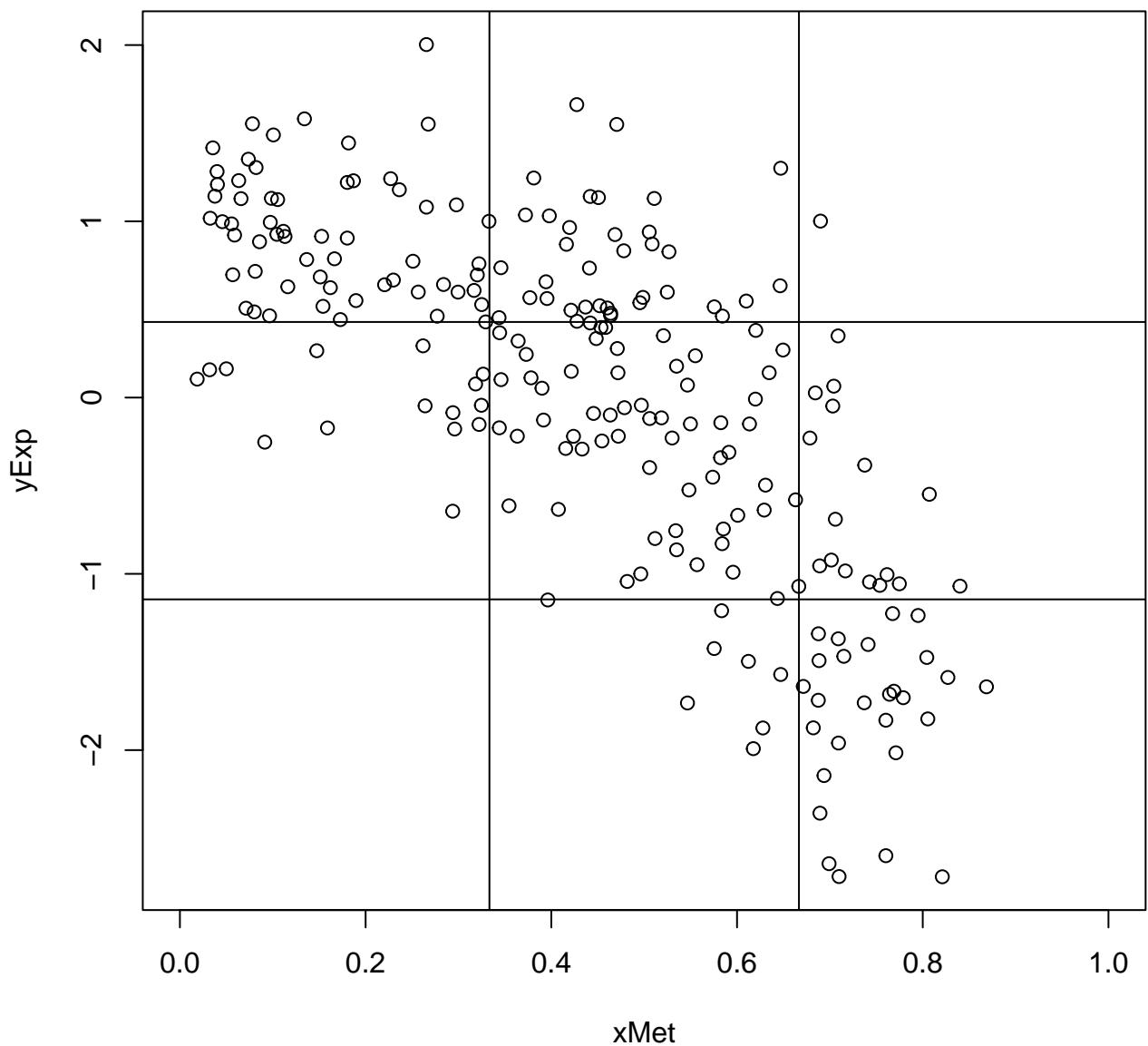
MRC2, 147



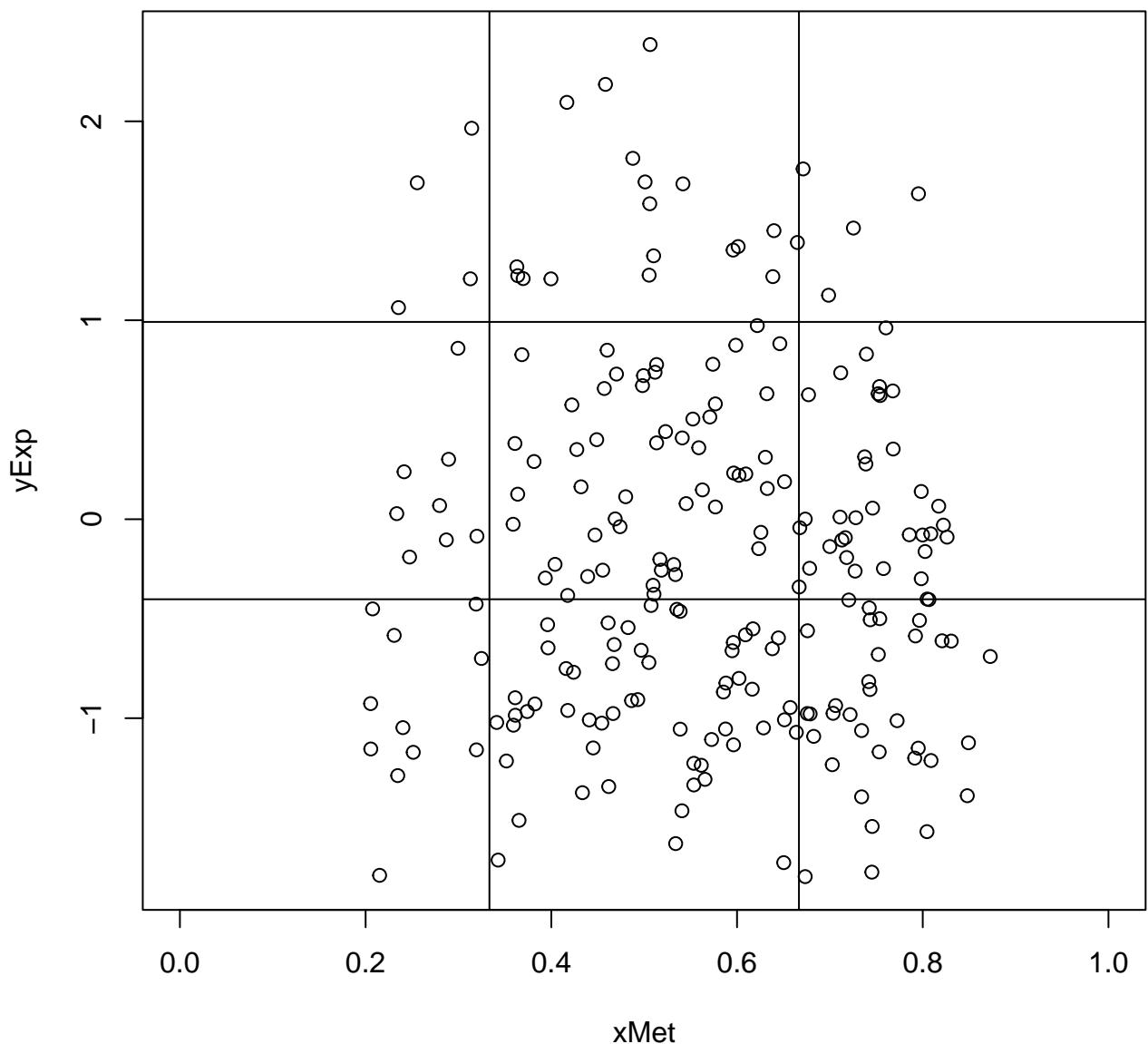
MRPL28, -384.4



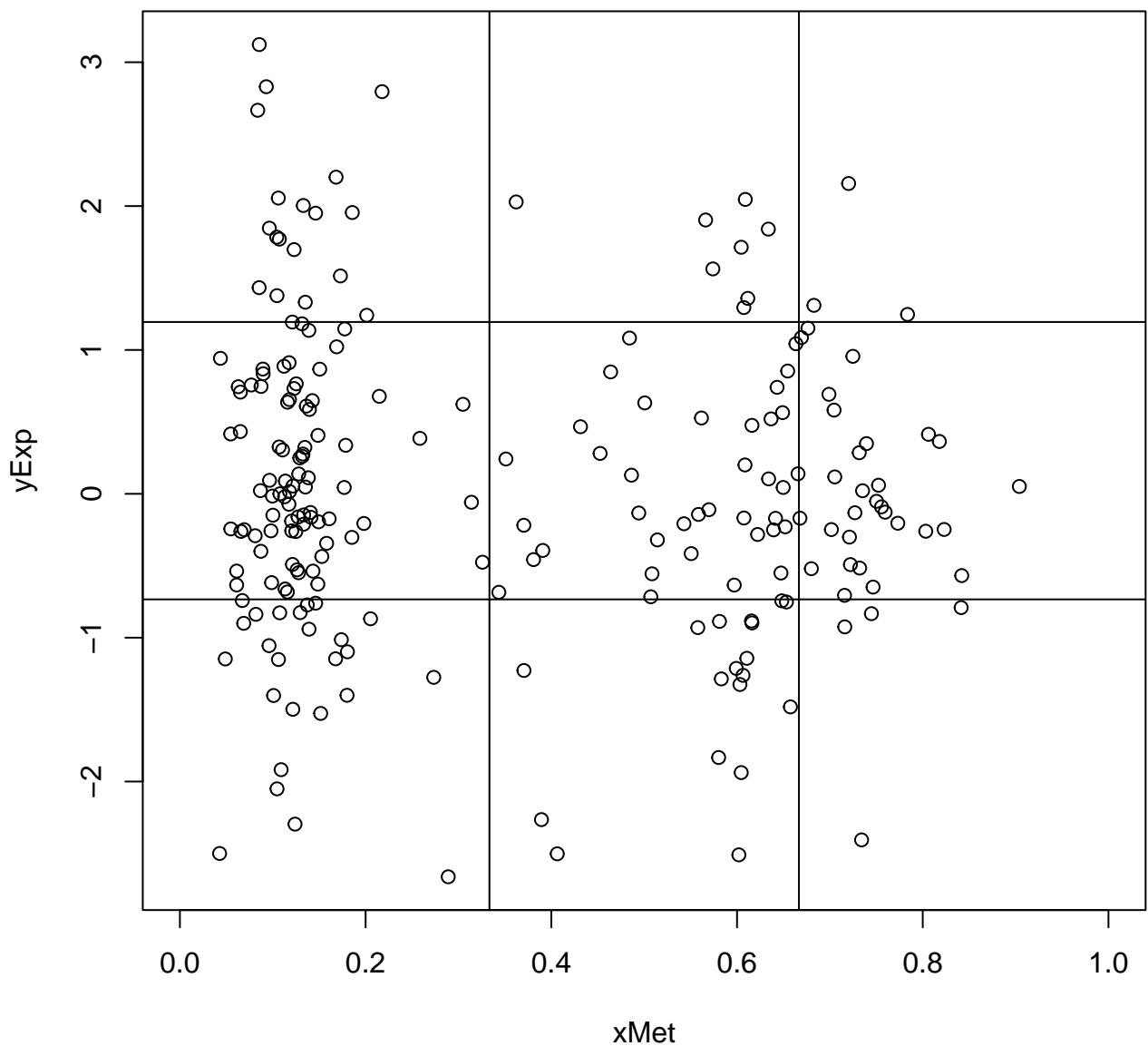
MRPS21, 46.4



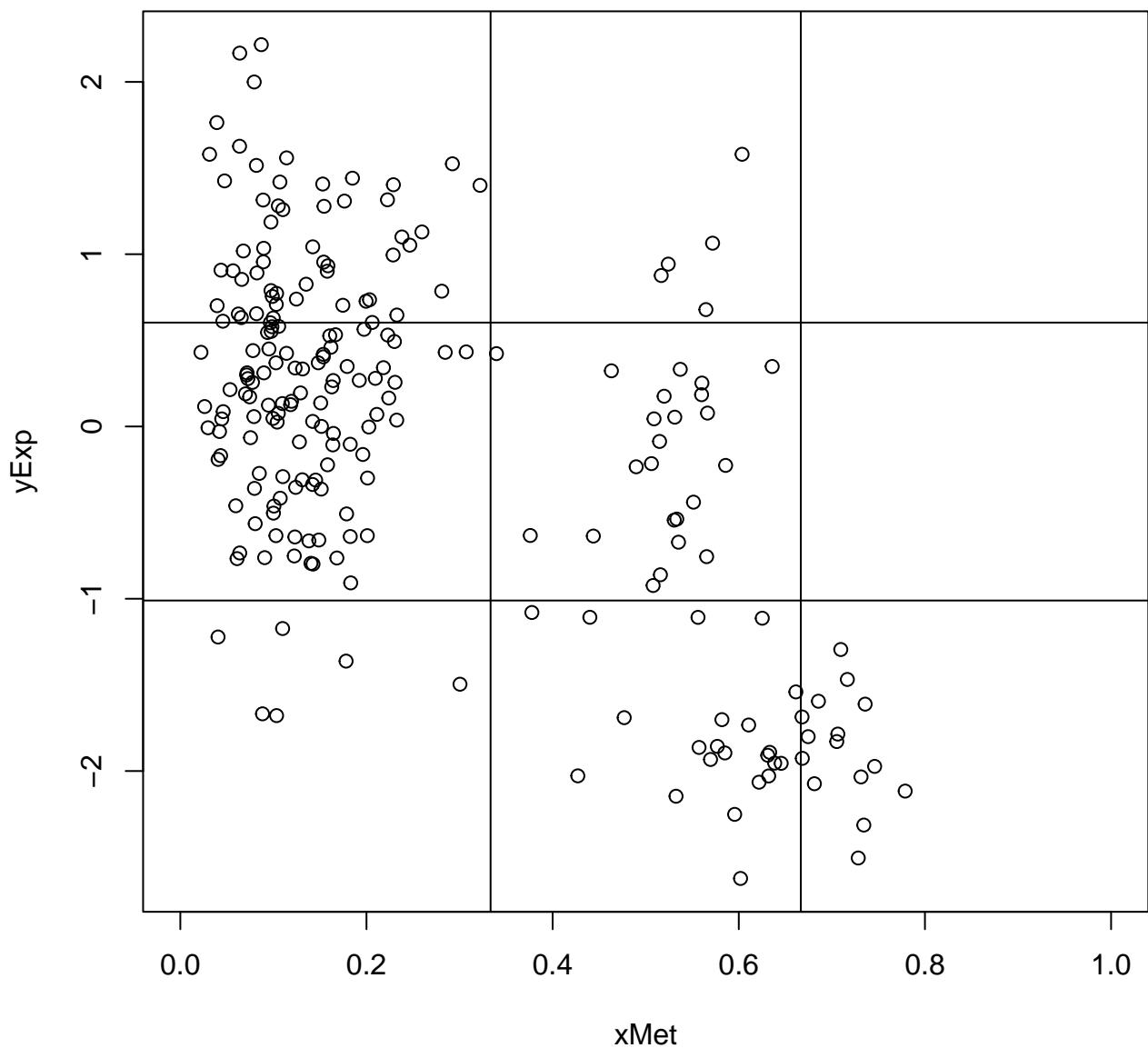
MSR1, -131.4



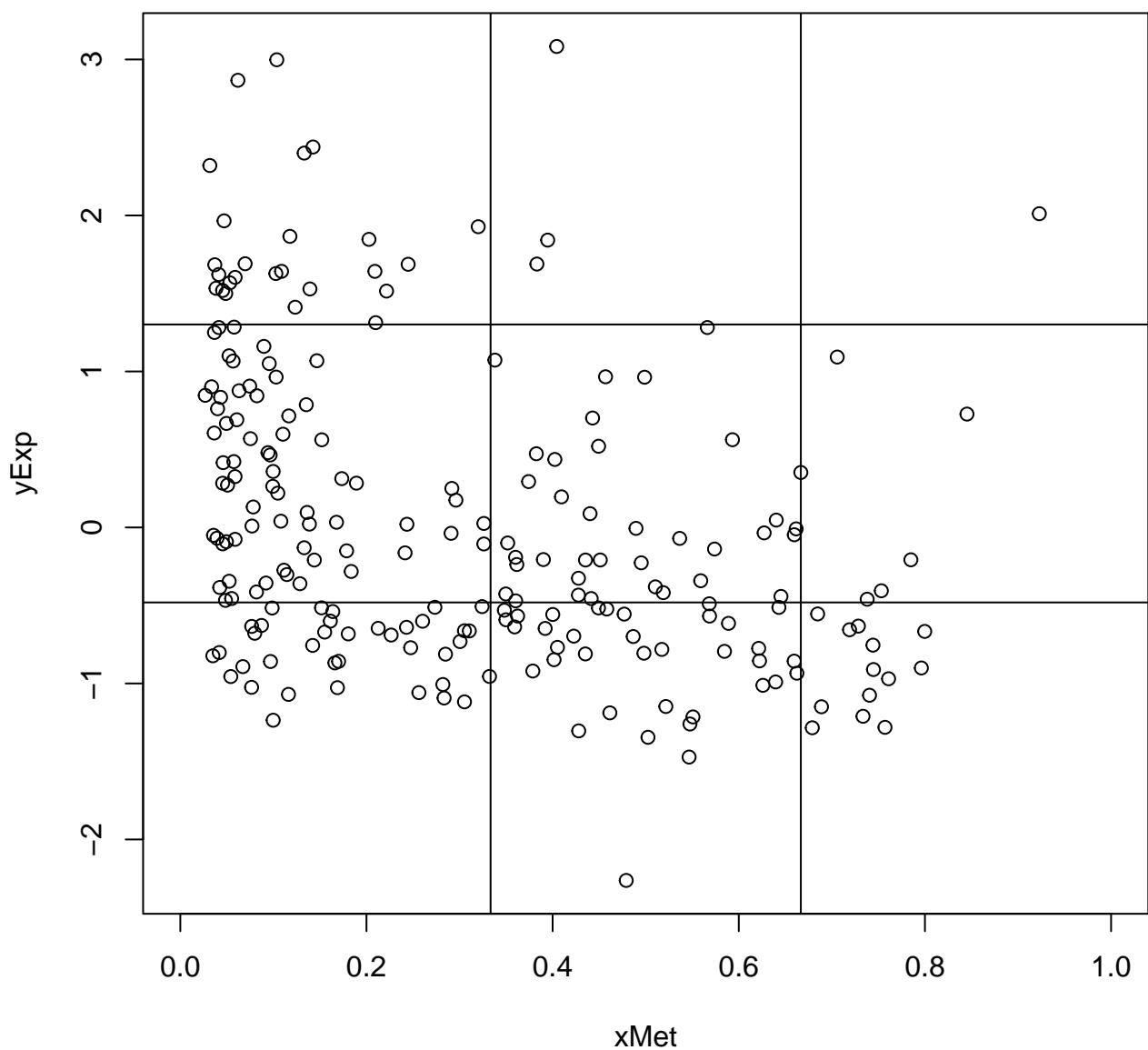
MSRB3, -39.8



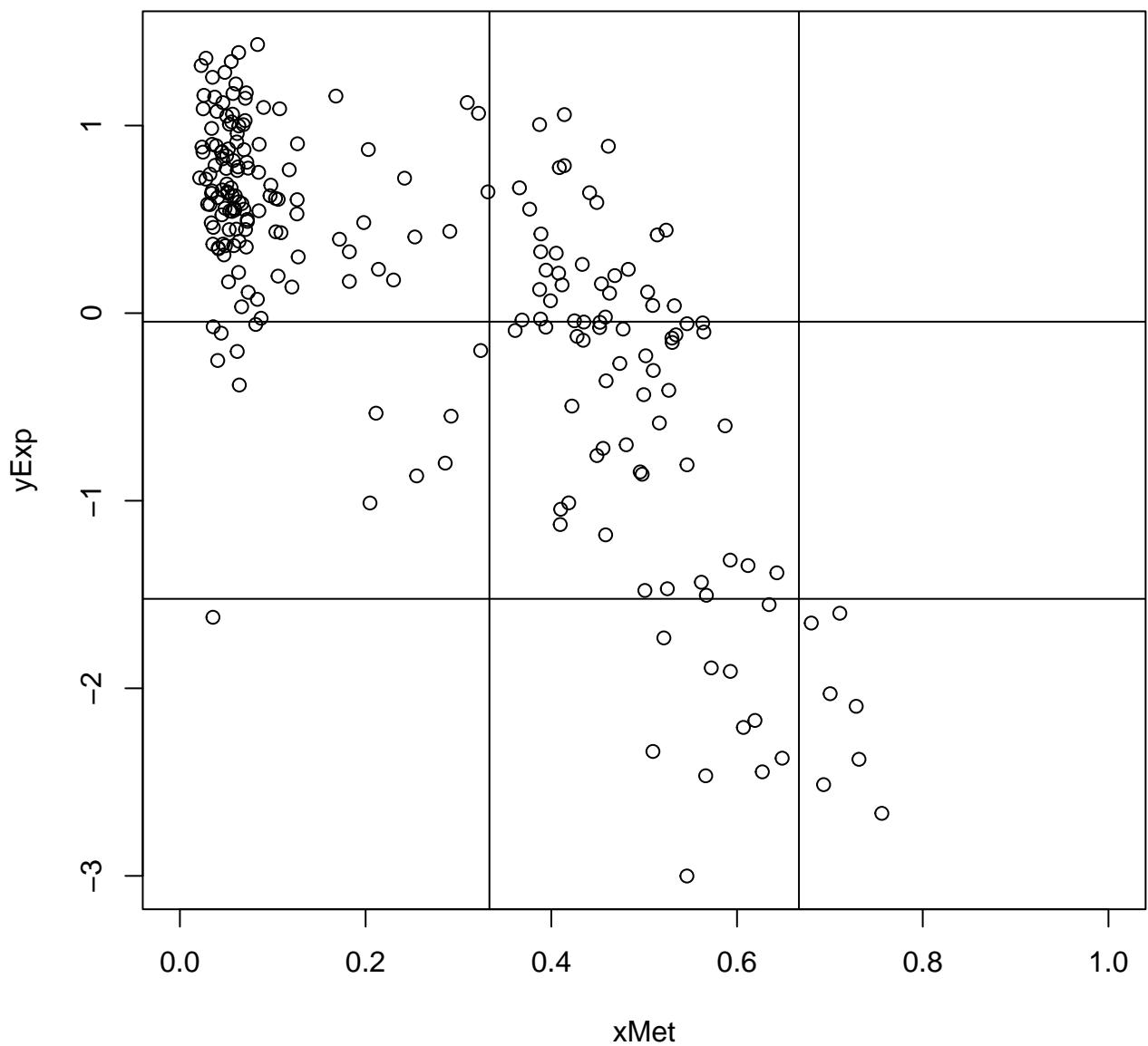
MSX2, 255



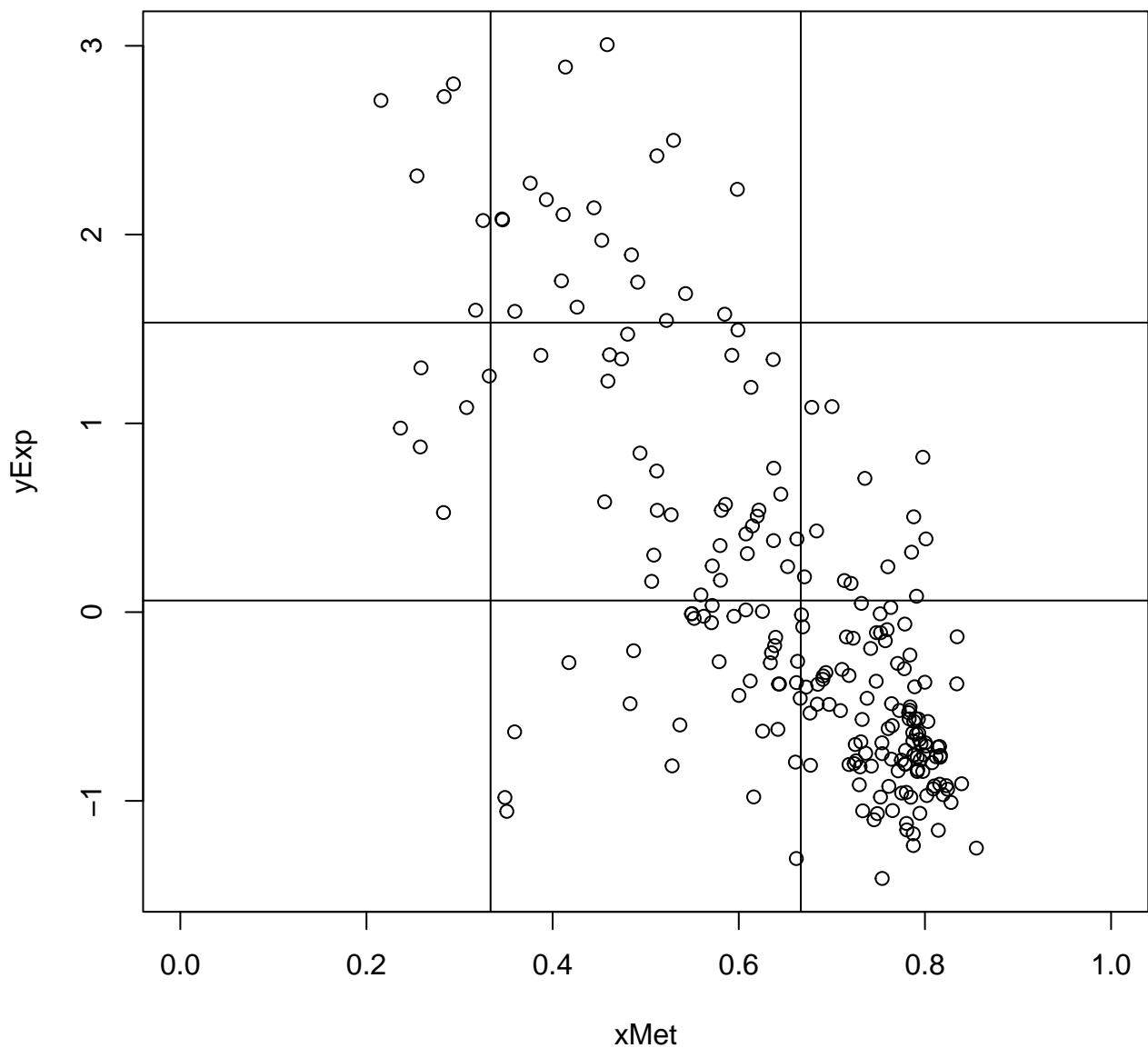
MT3, 153.4



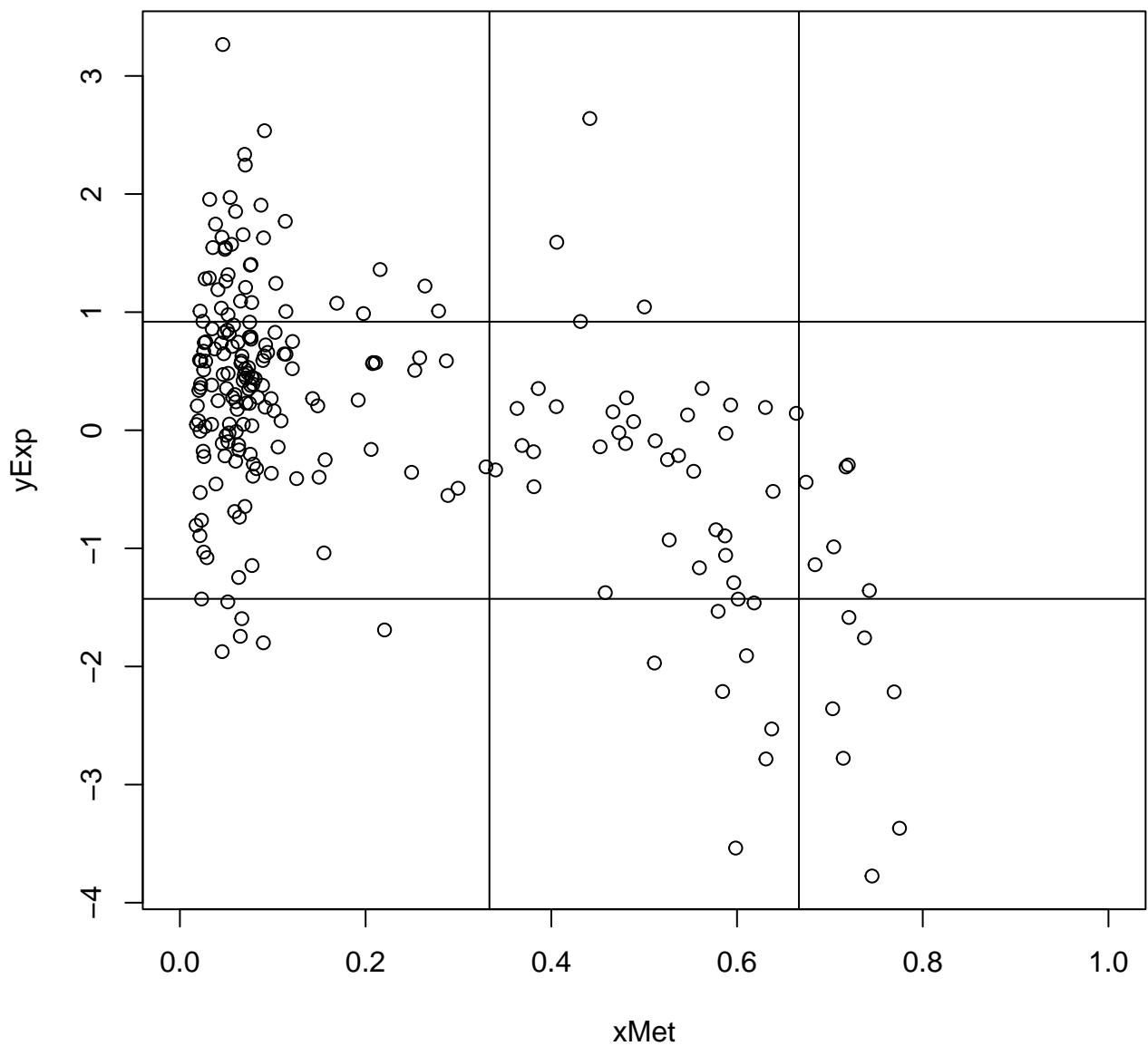
MTERF1, 218



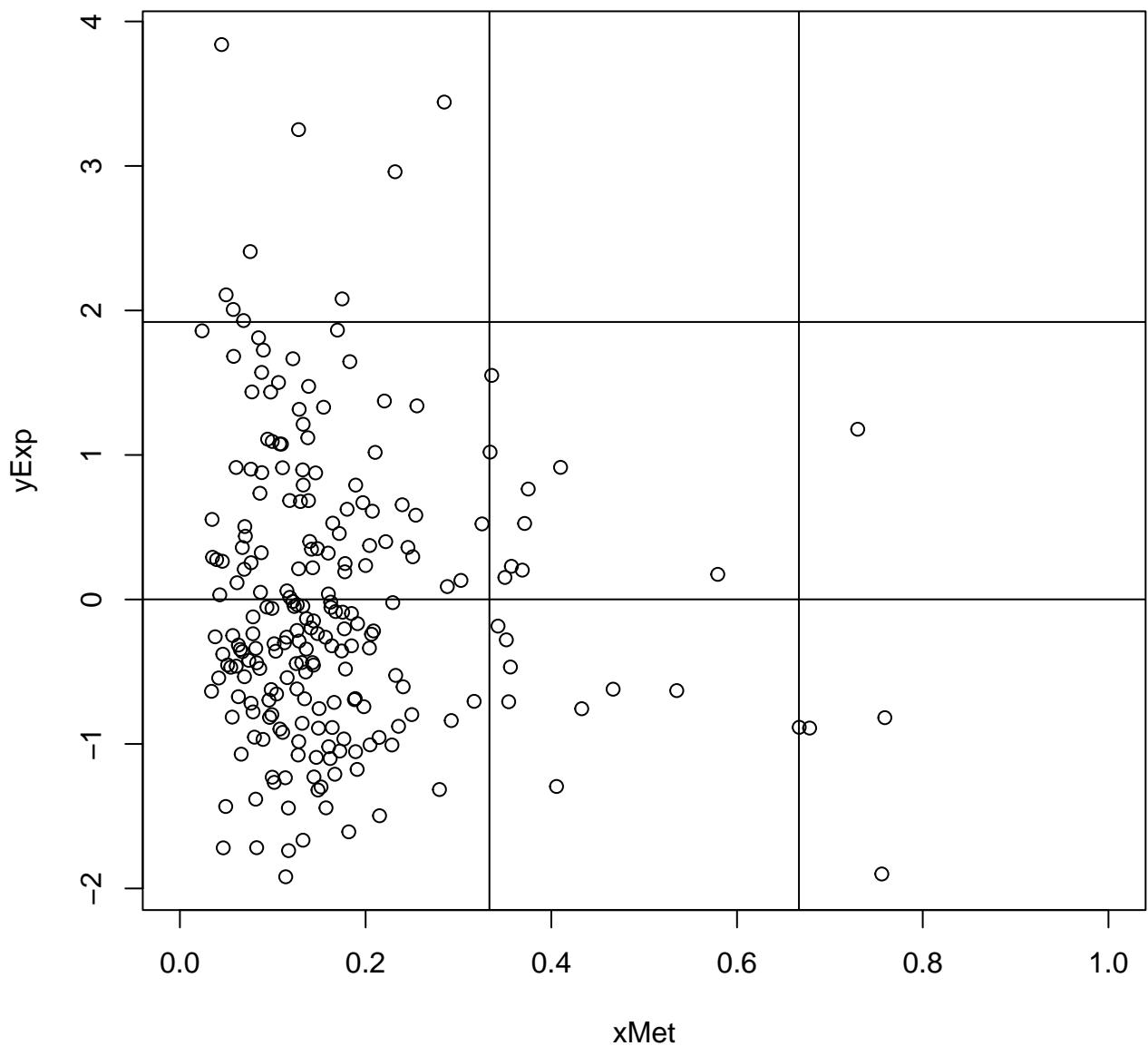
MUC17, 210



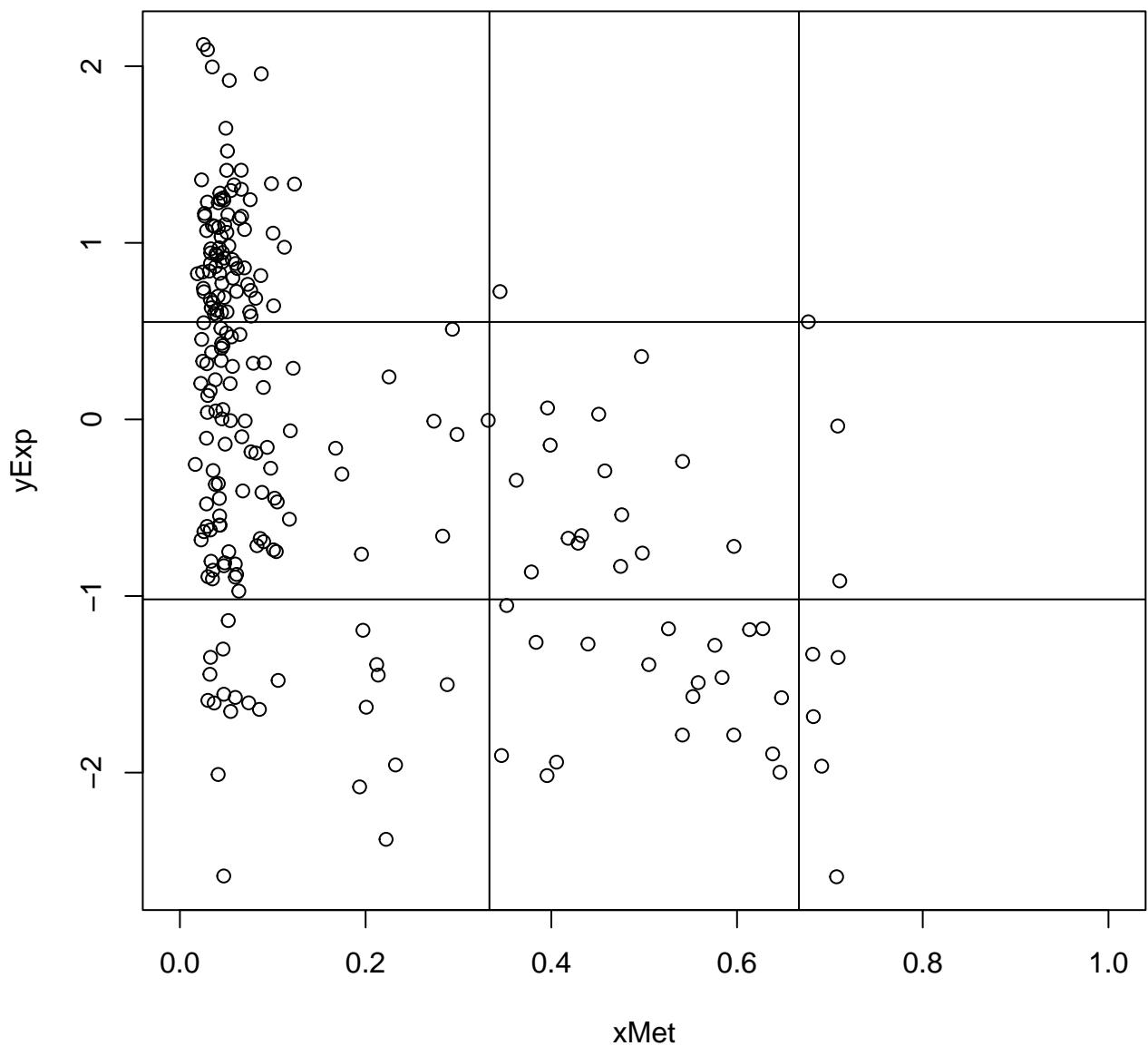
MVB12A, 207



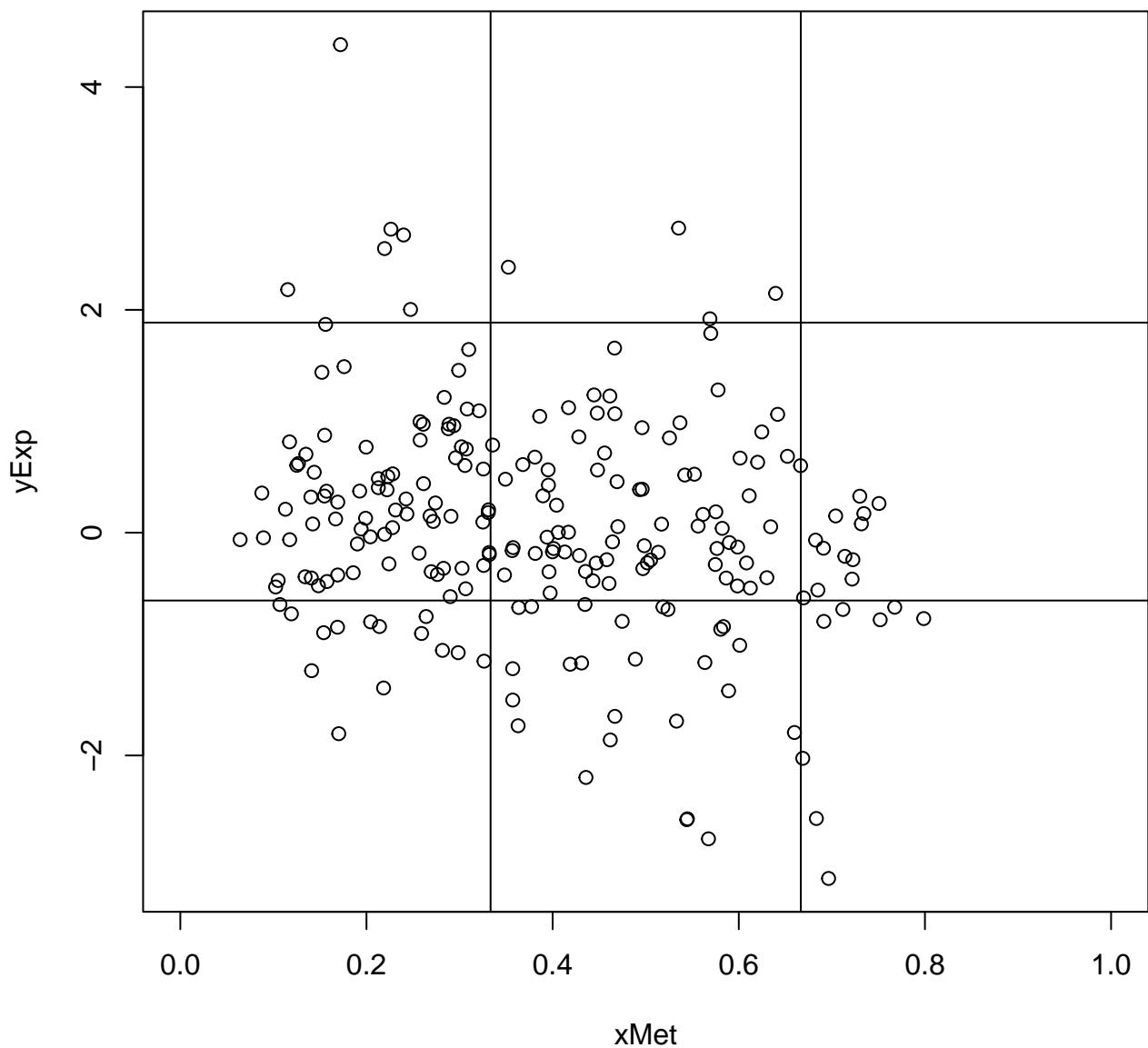
MX2, 224



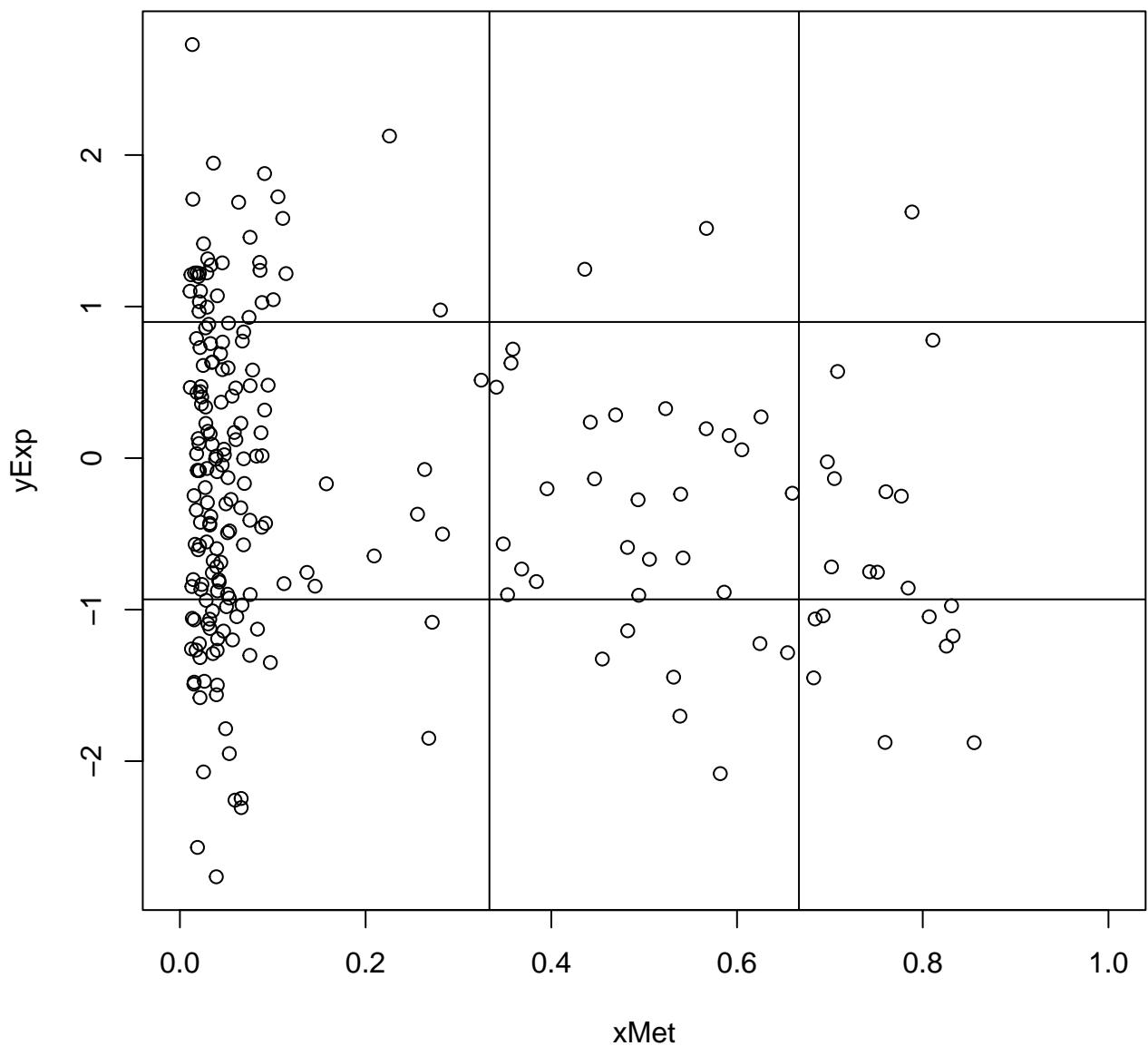
MYEF2, 236.4



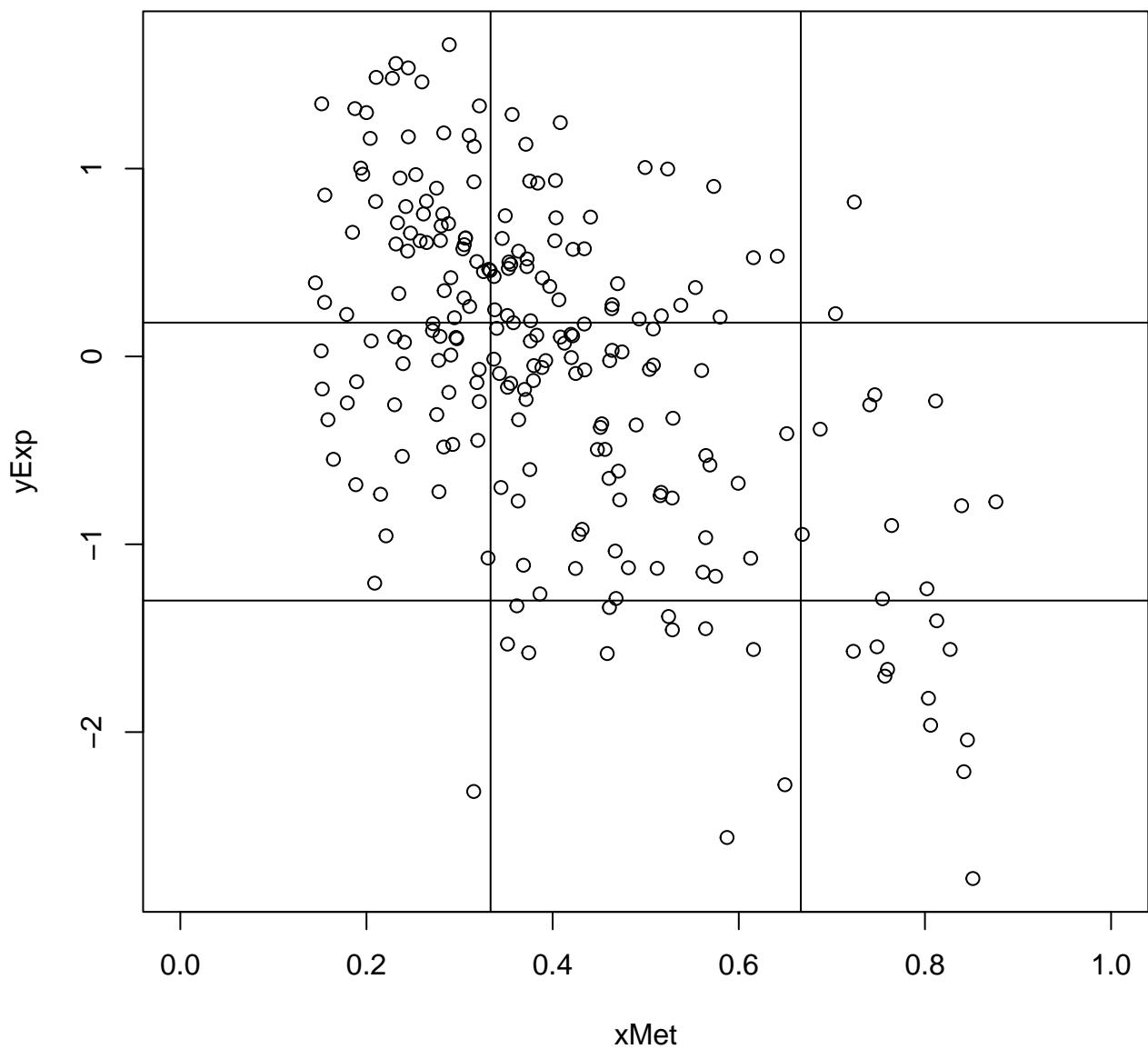
MYF6, 114



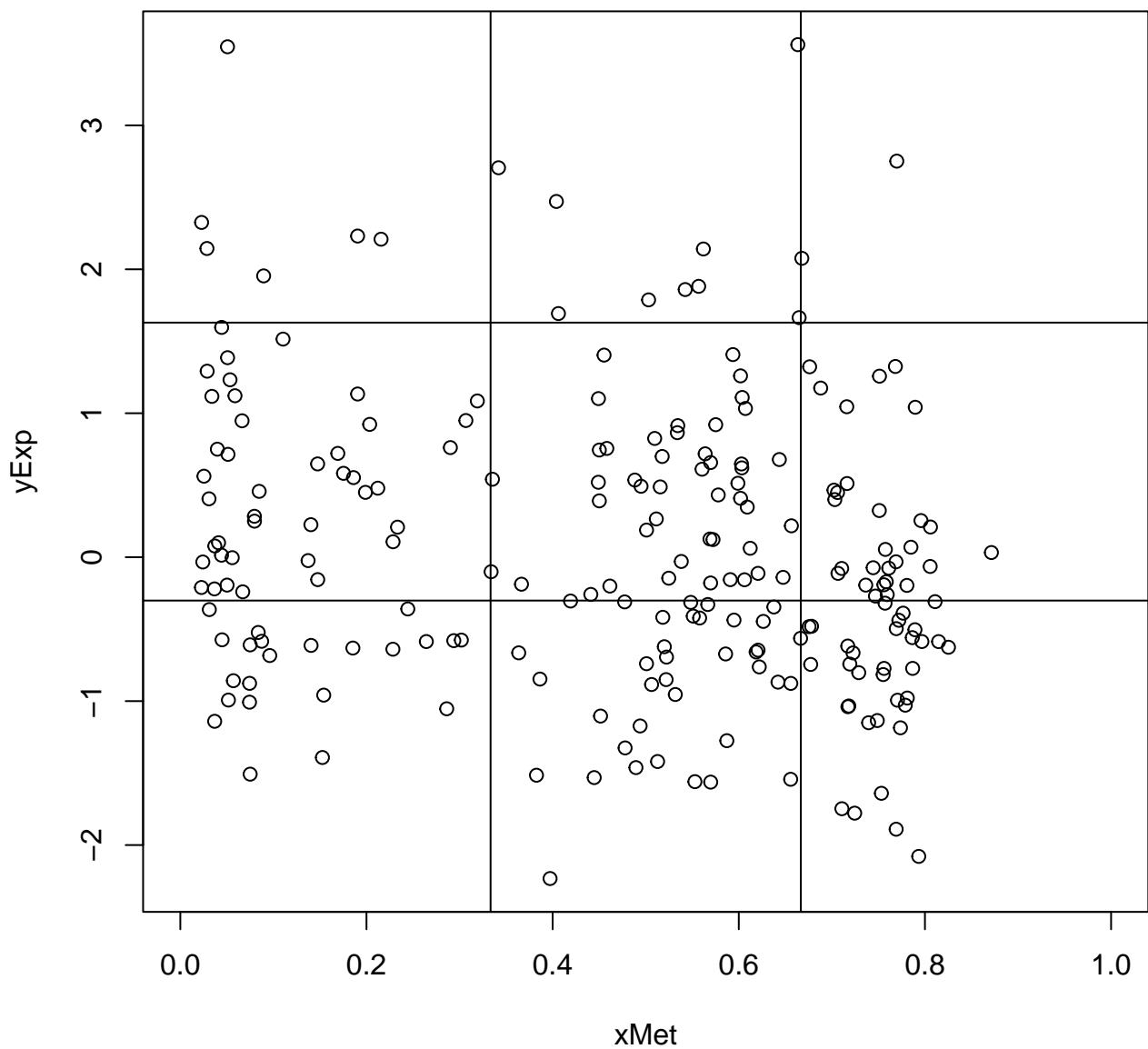
MYH10, 158.4



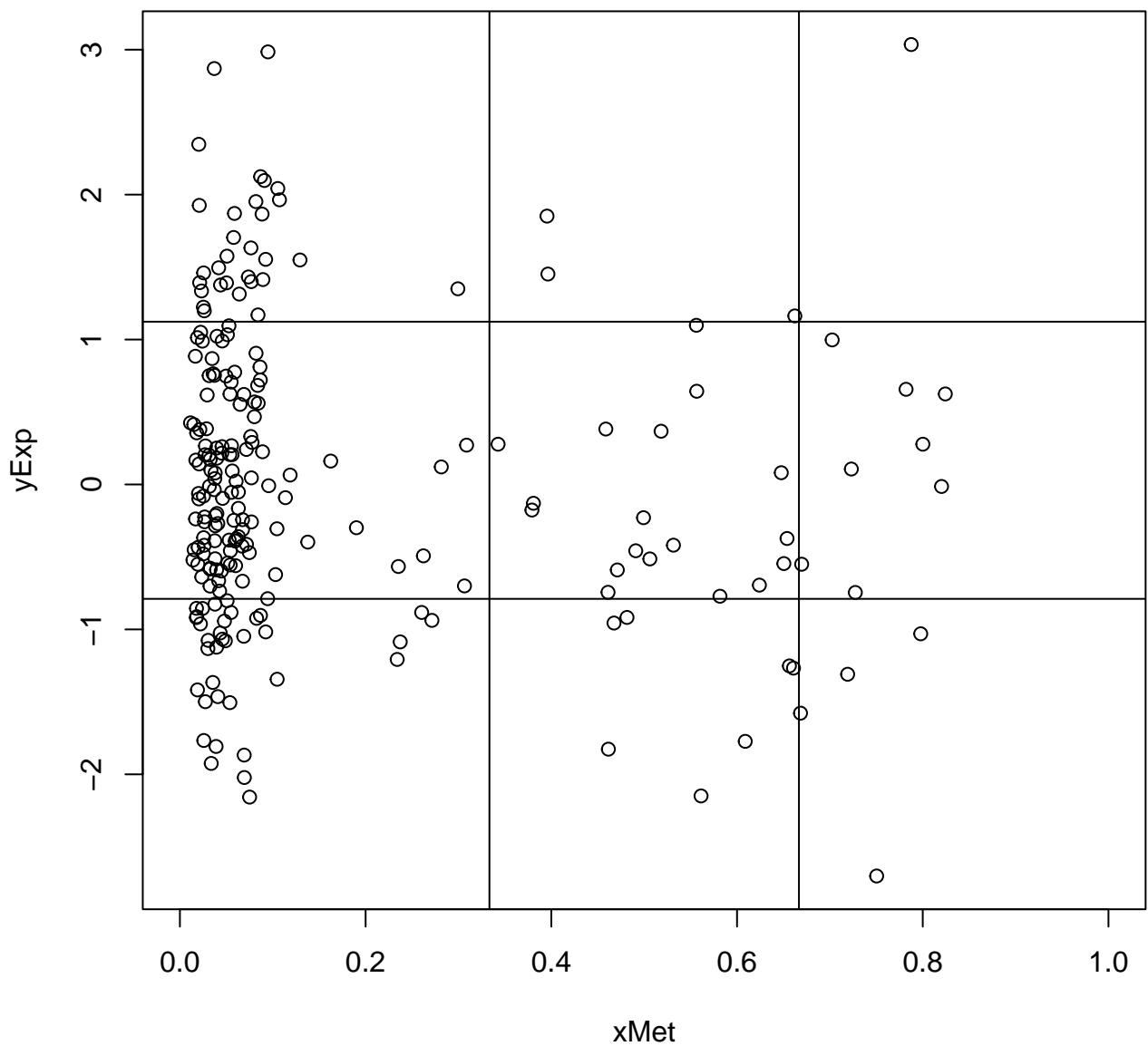
NAT2, -12.2



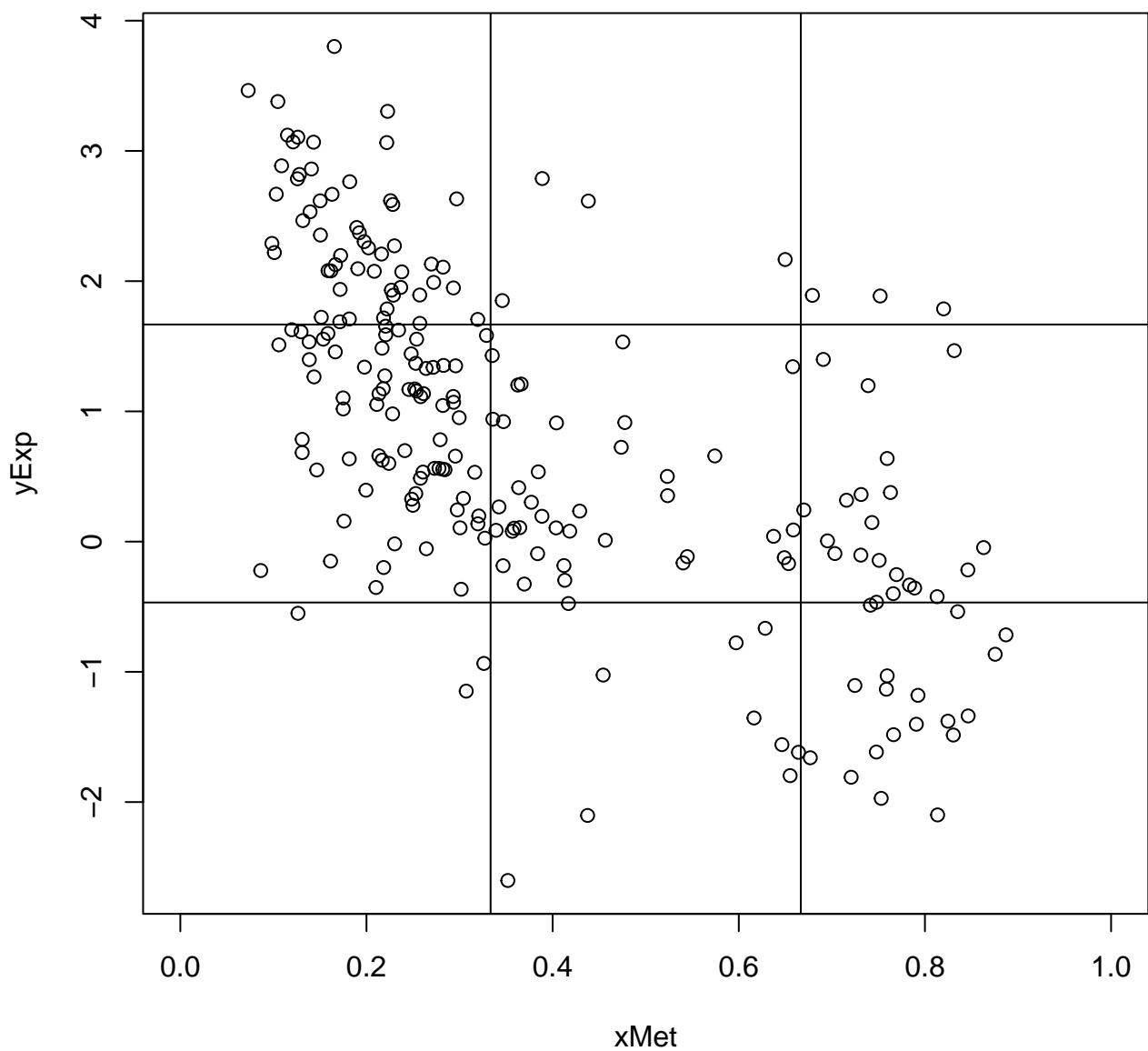
NDRG4, 13.8



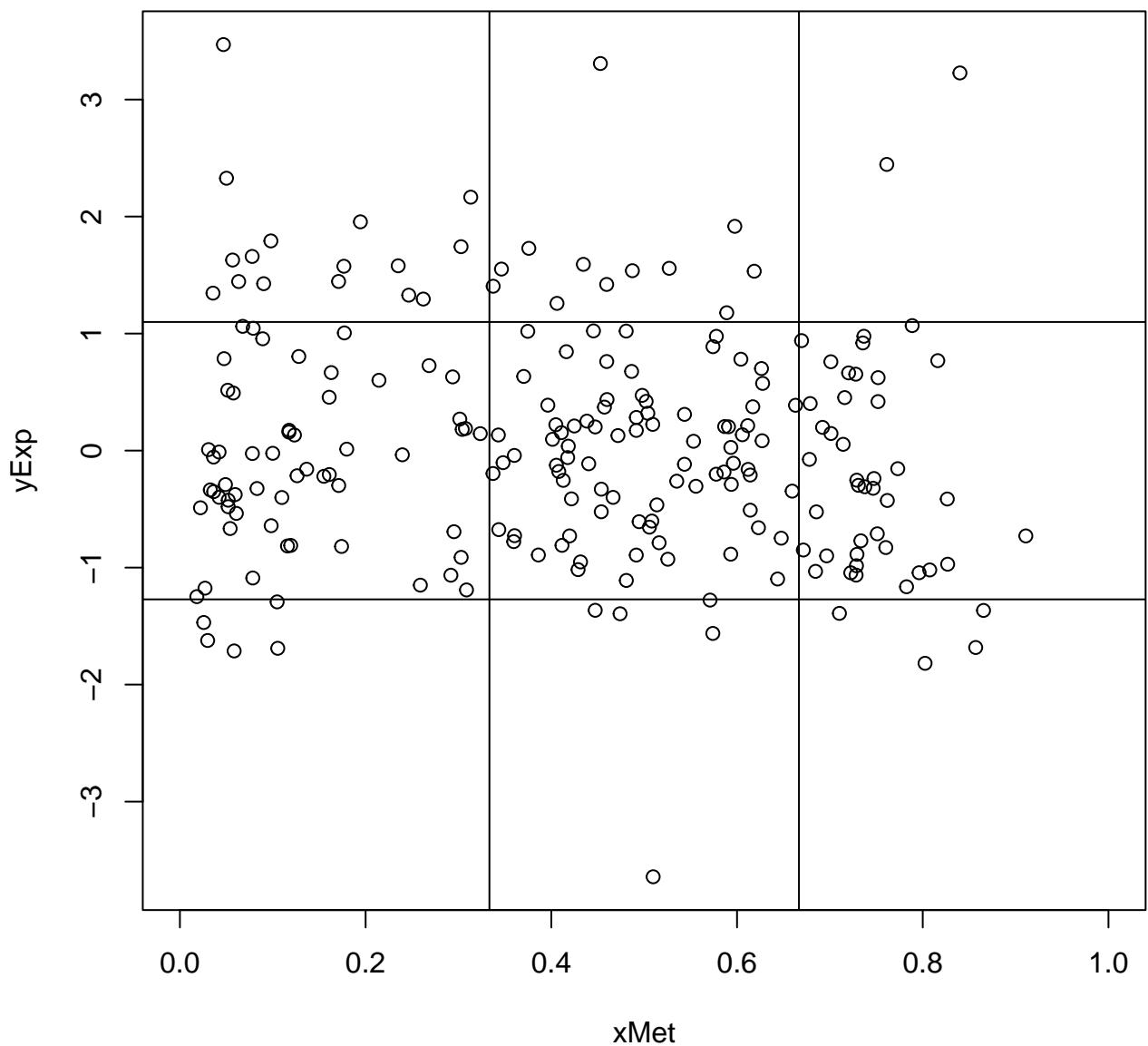
NDST3, 160.4



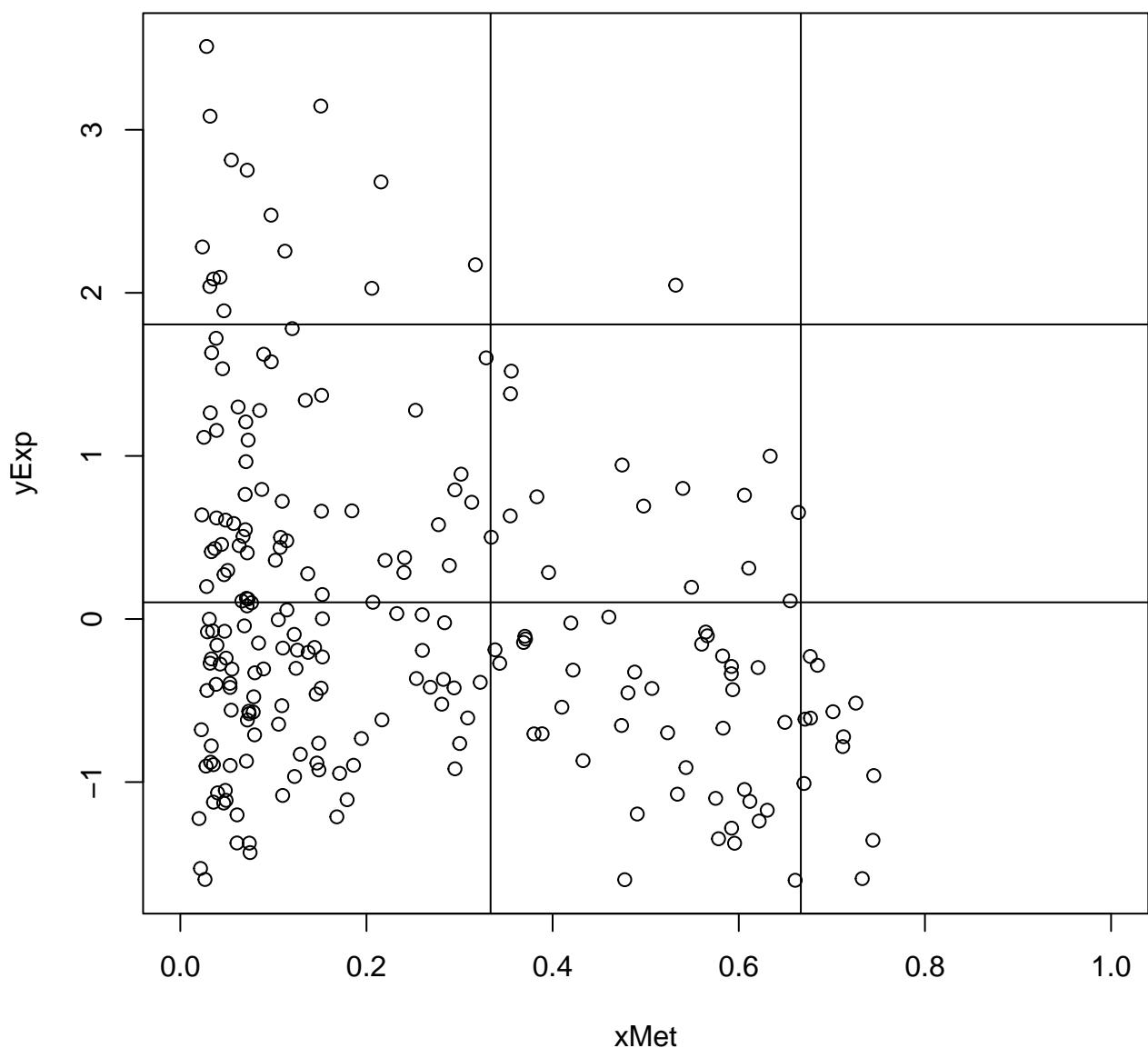
NEK3, 46.2



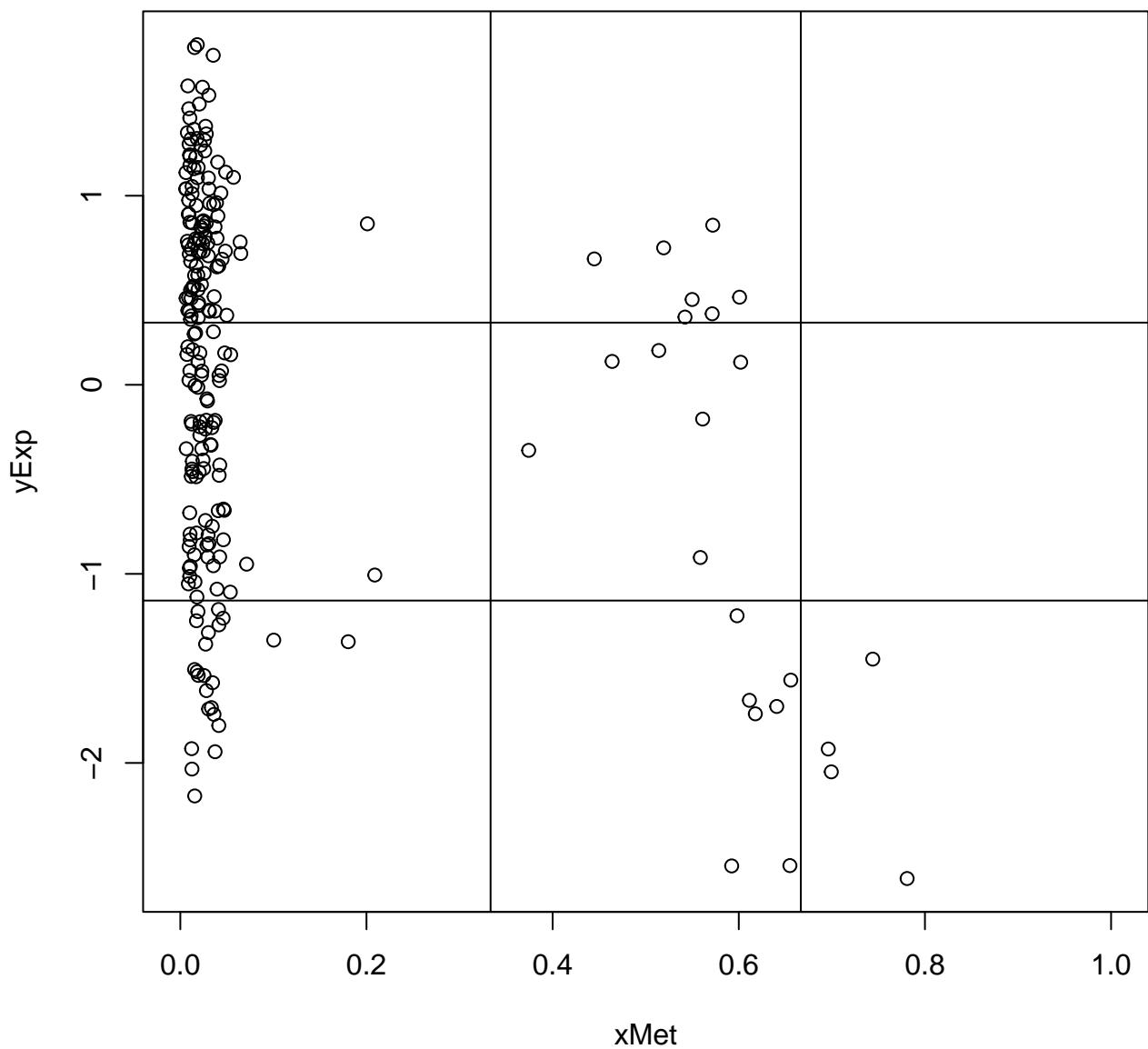
NELL2, -87.2



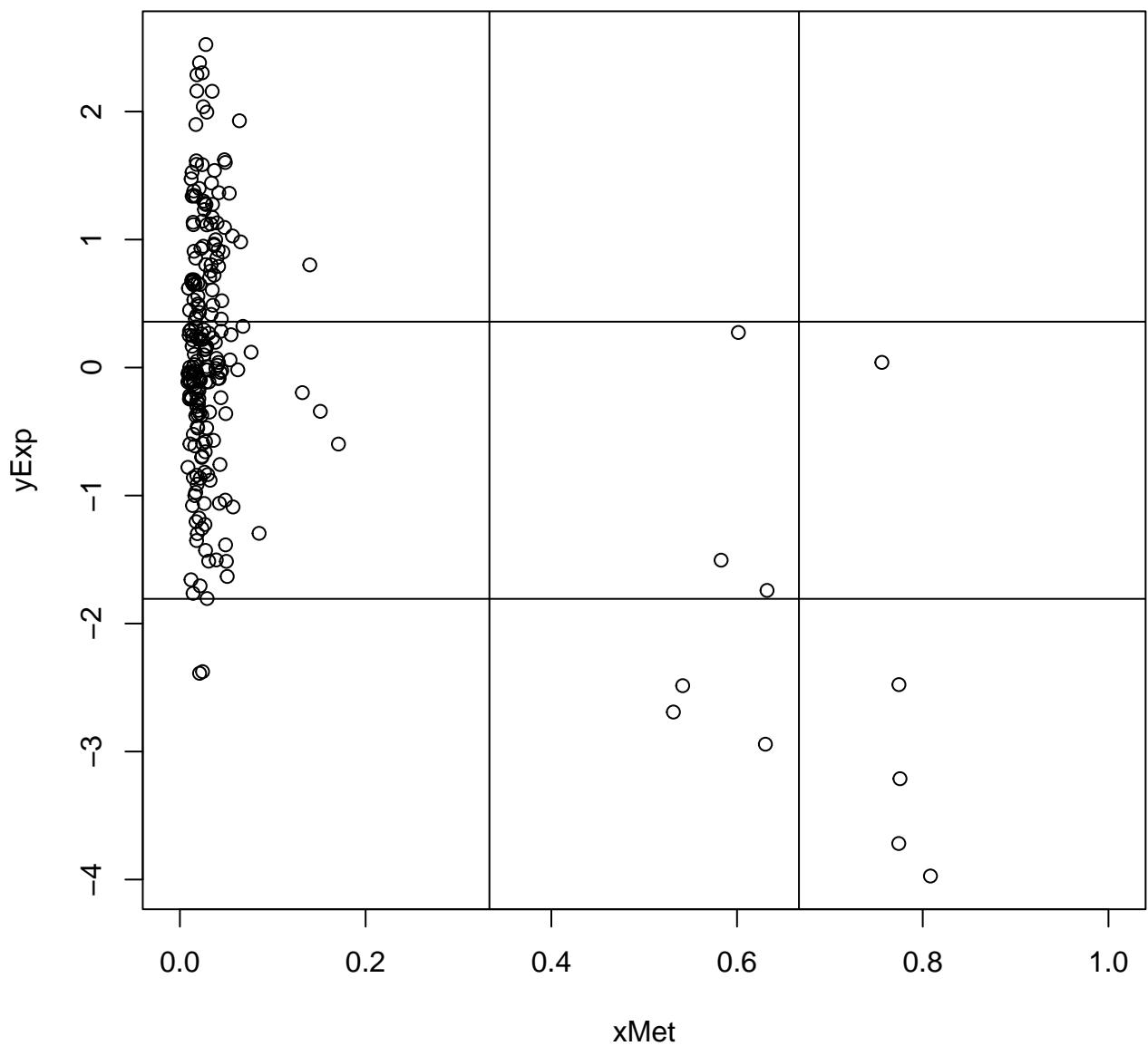
NES, 232



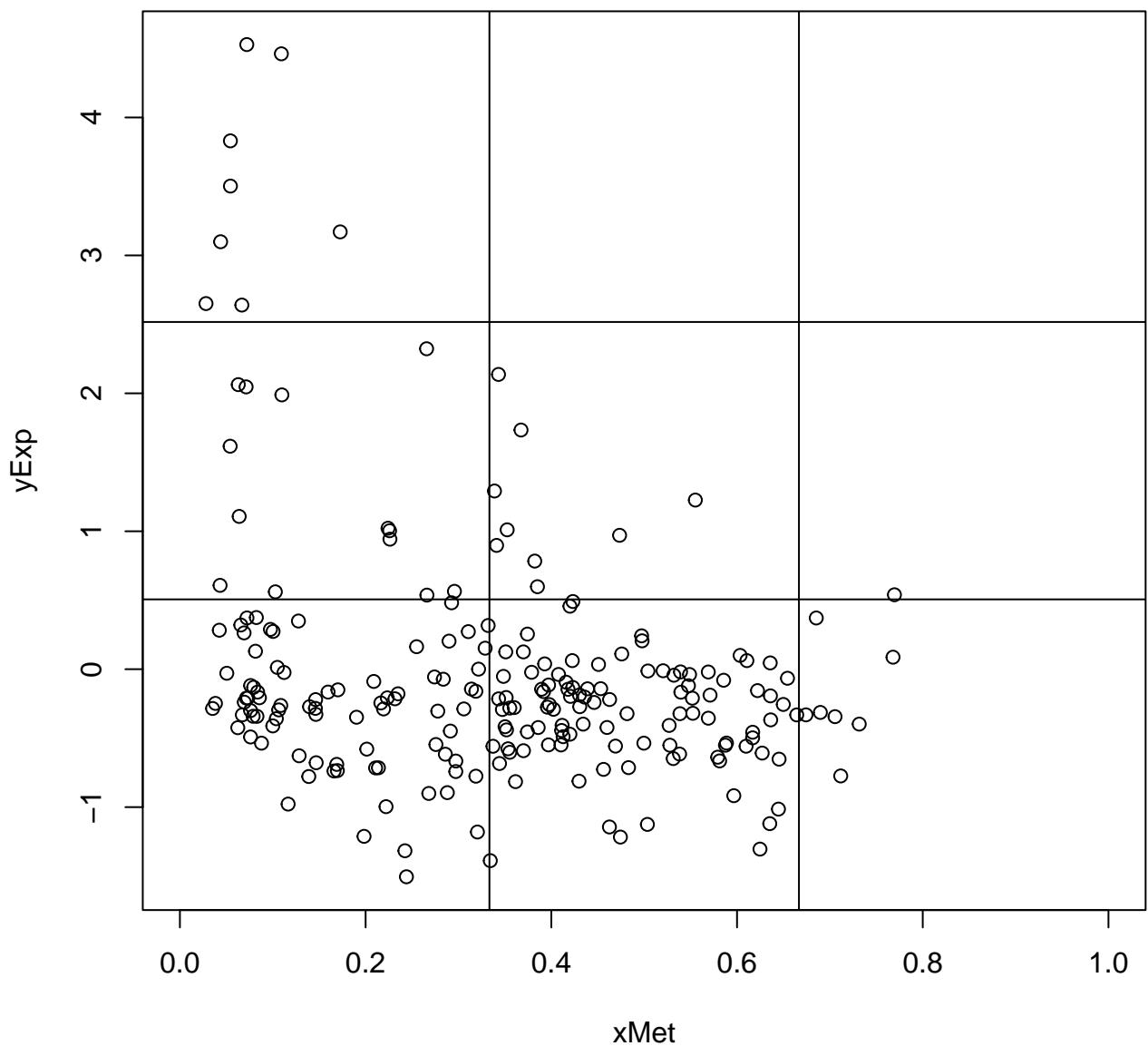
NETO2, 303



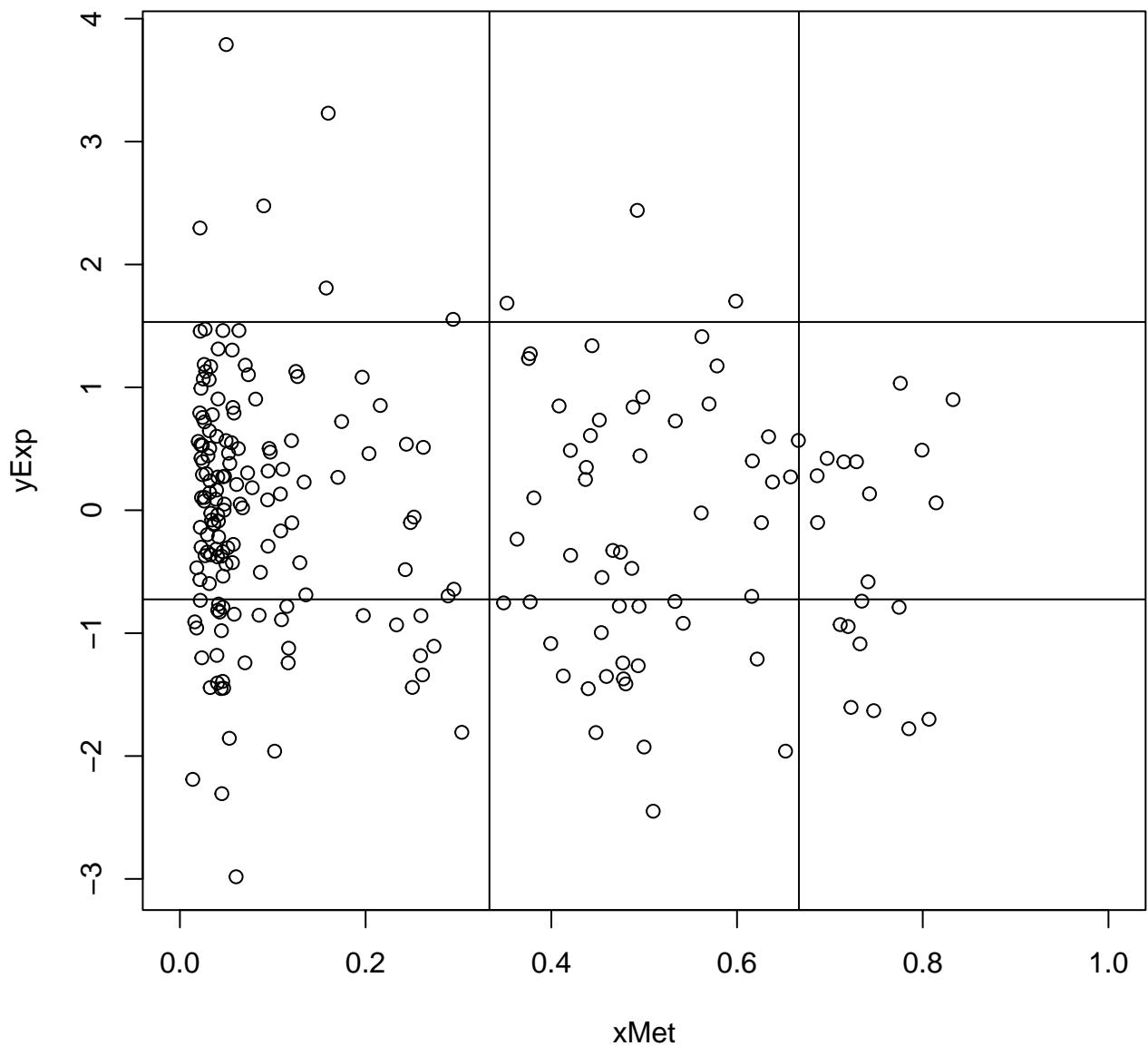
NEU1, 301



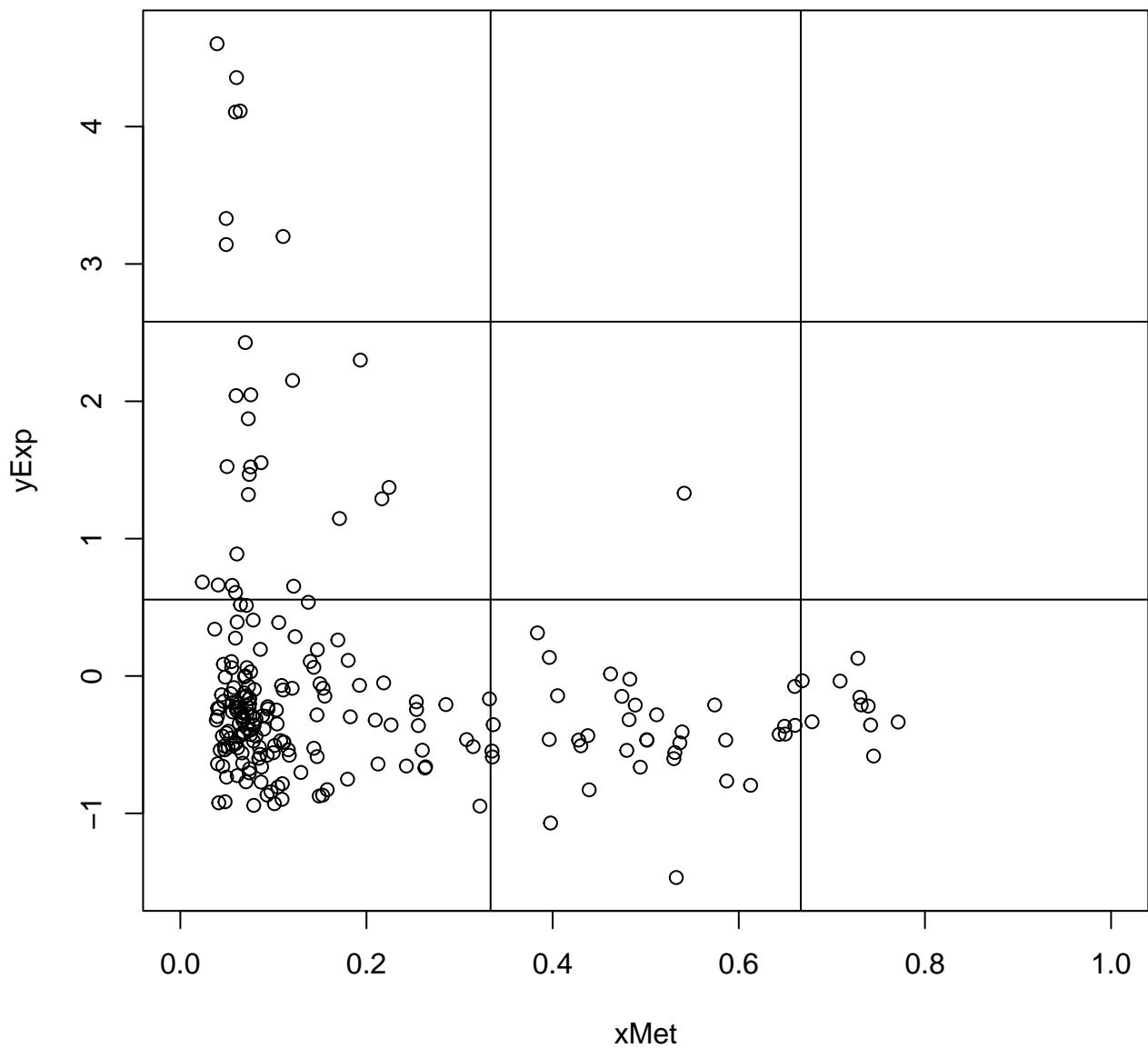
NEUROD1, 226



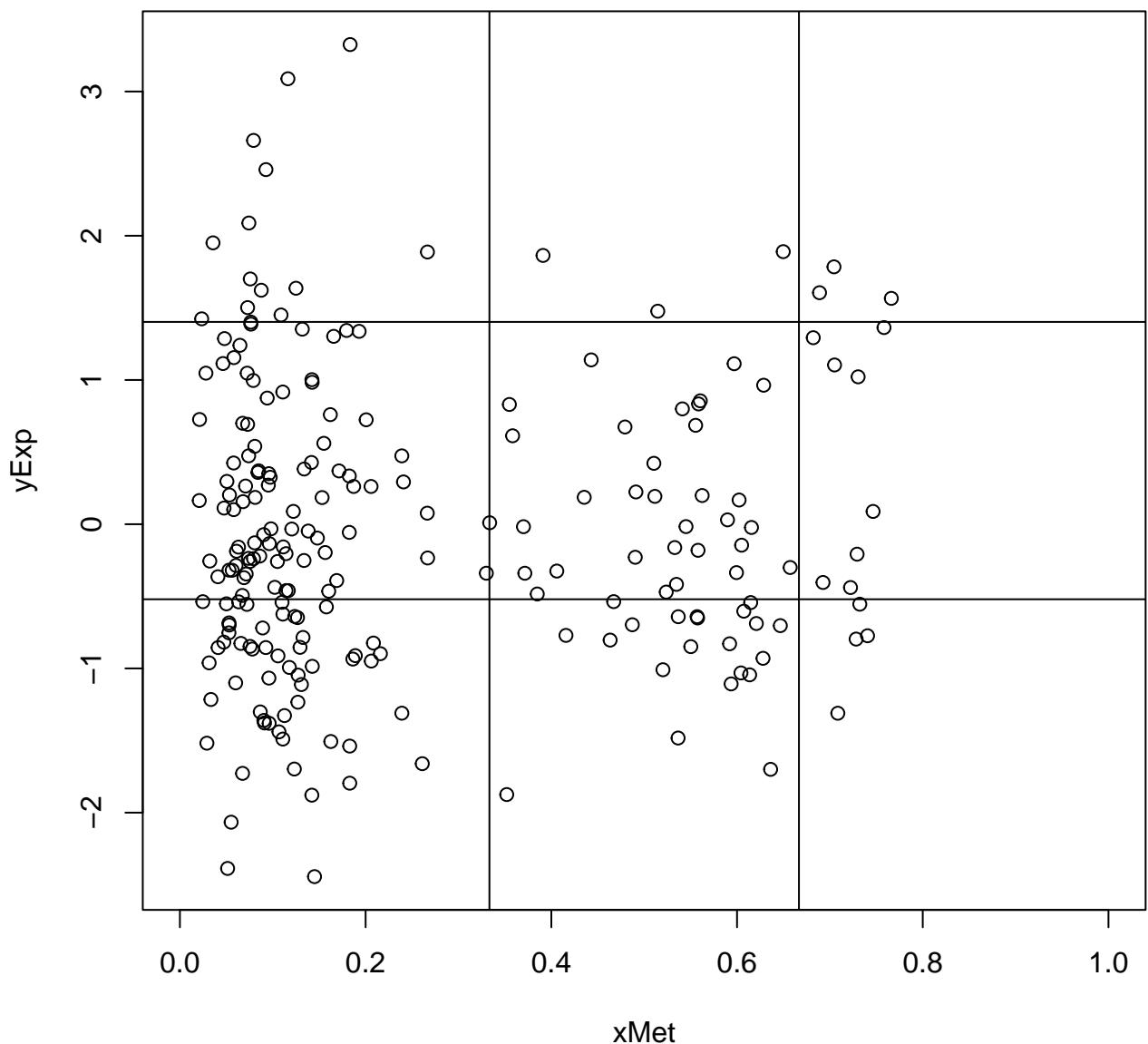
NGFR, 165



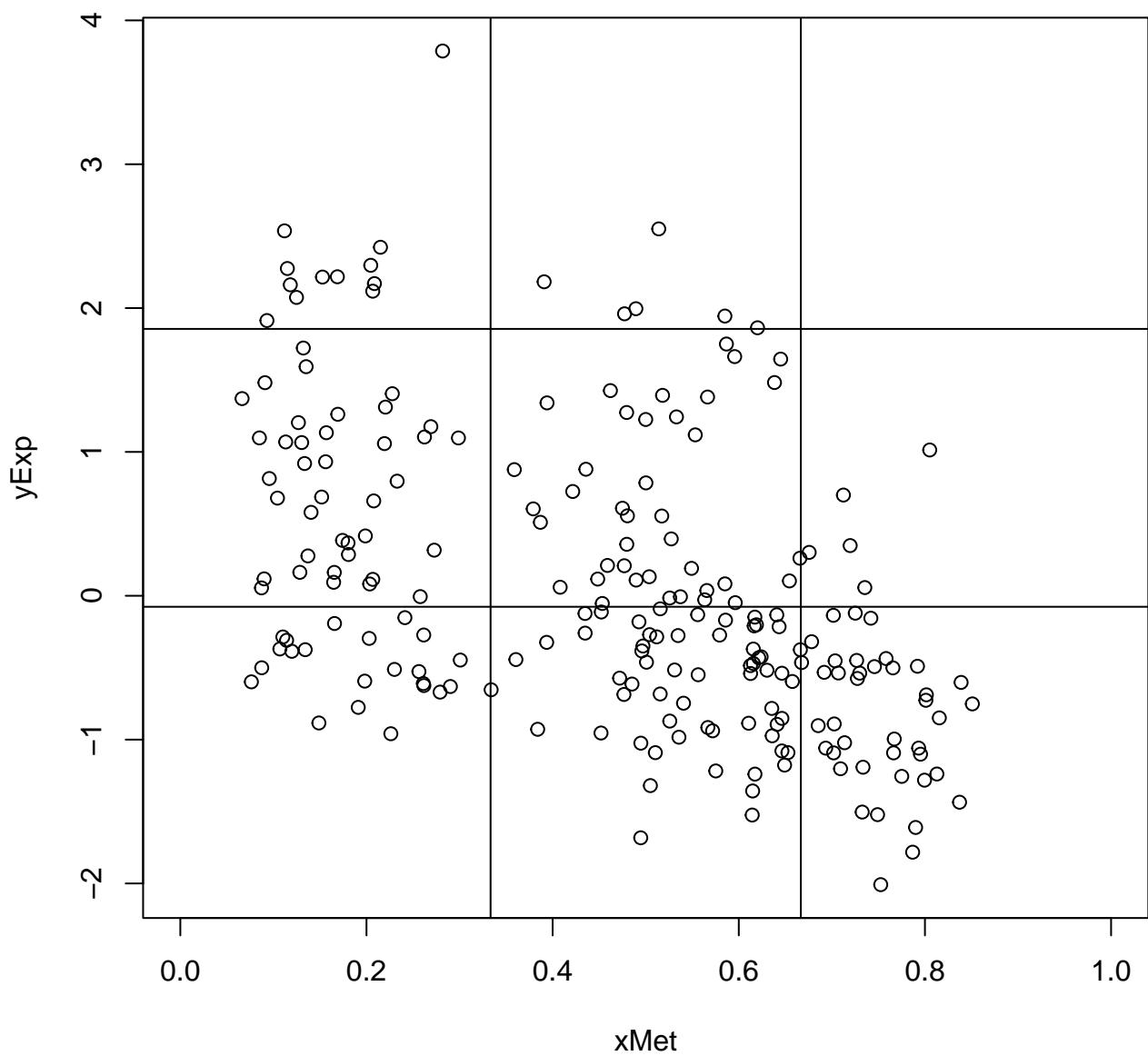
NKX2-1, 239



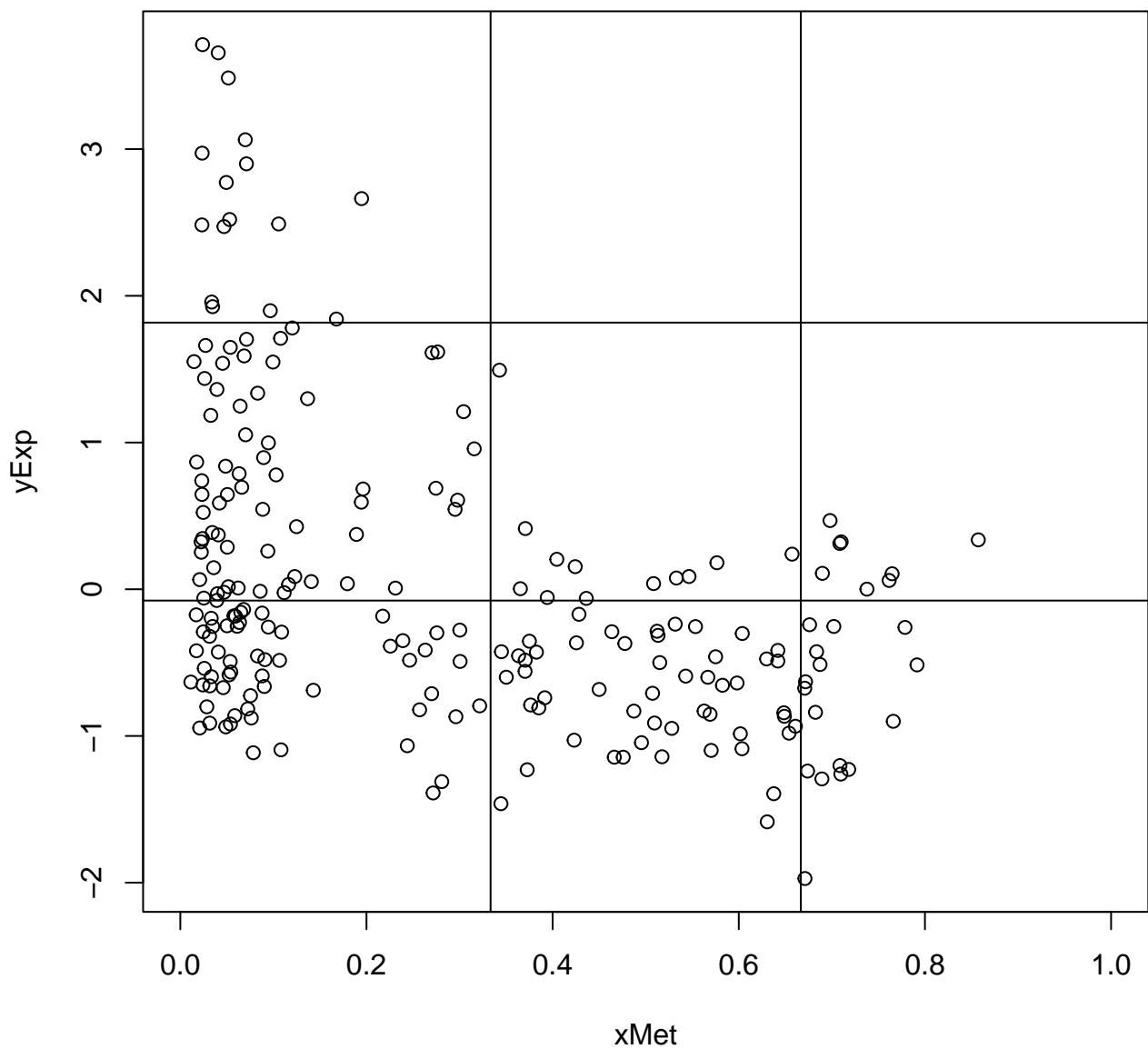
NKX2–8, 38.2



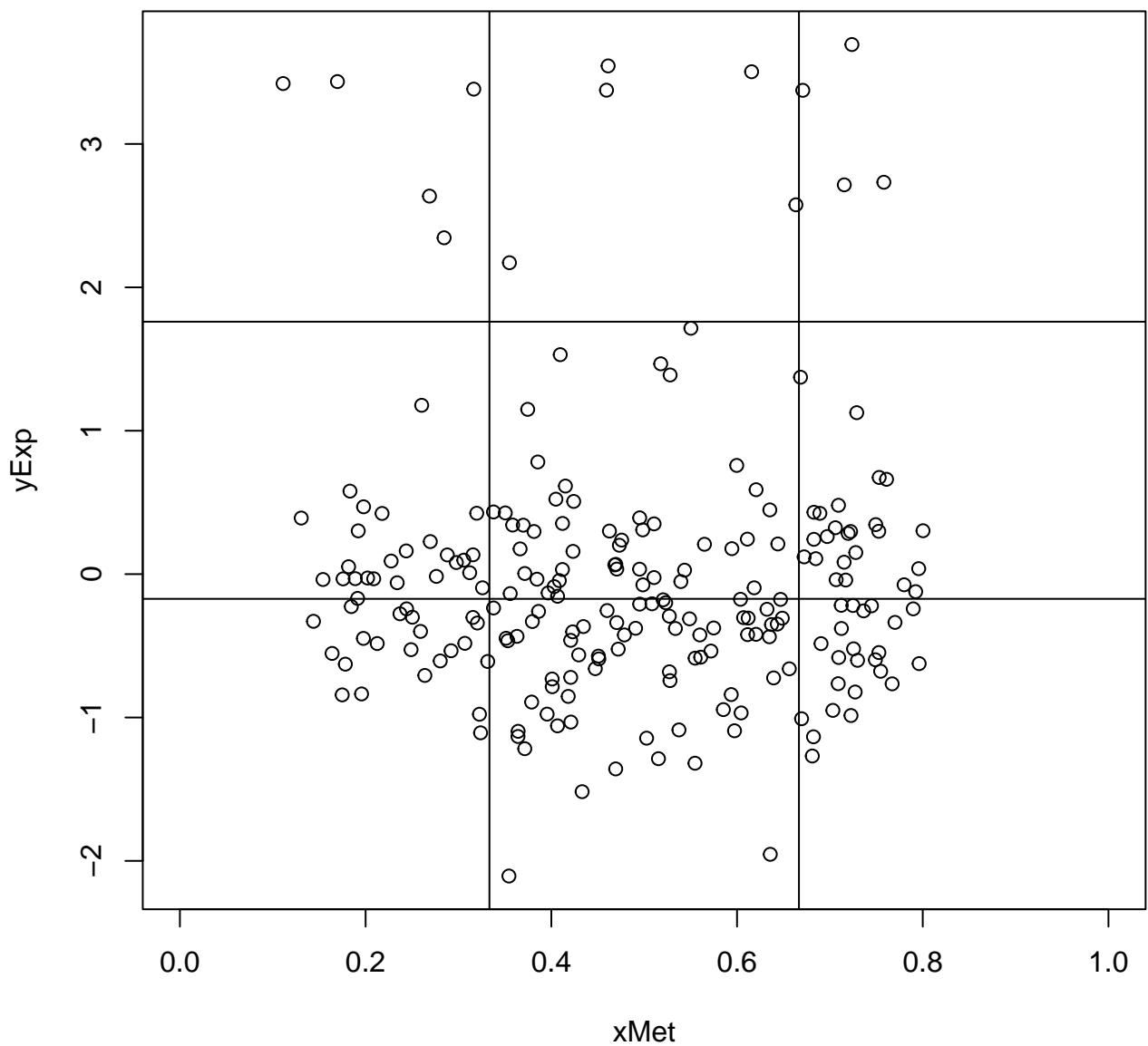
NME5, 203



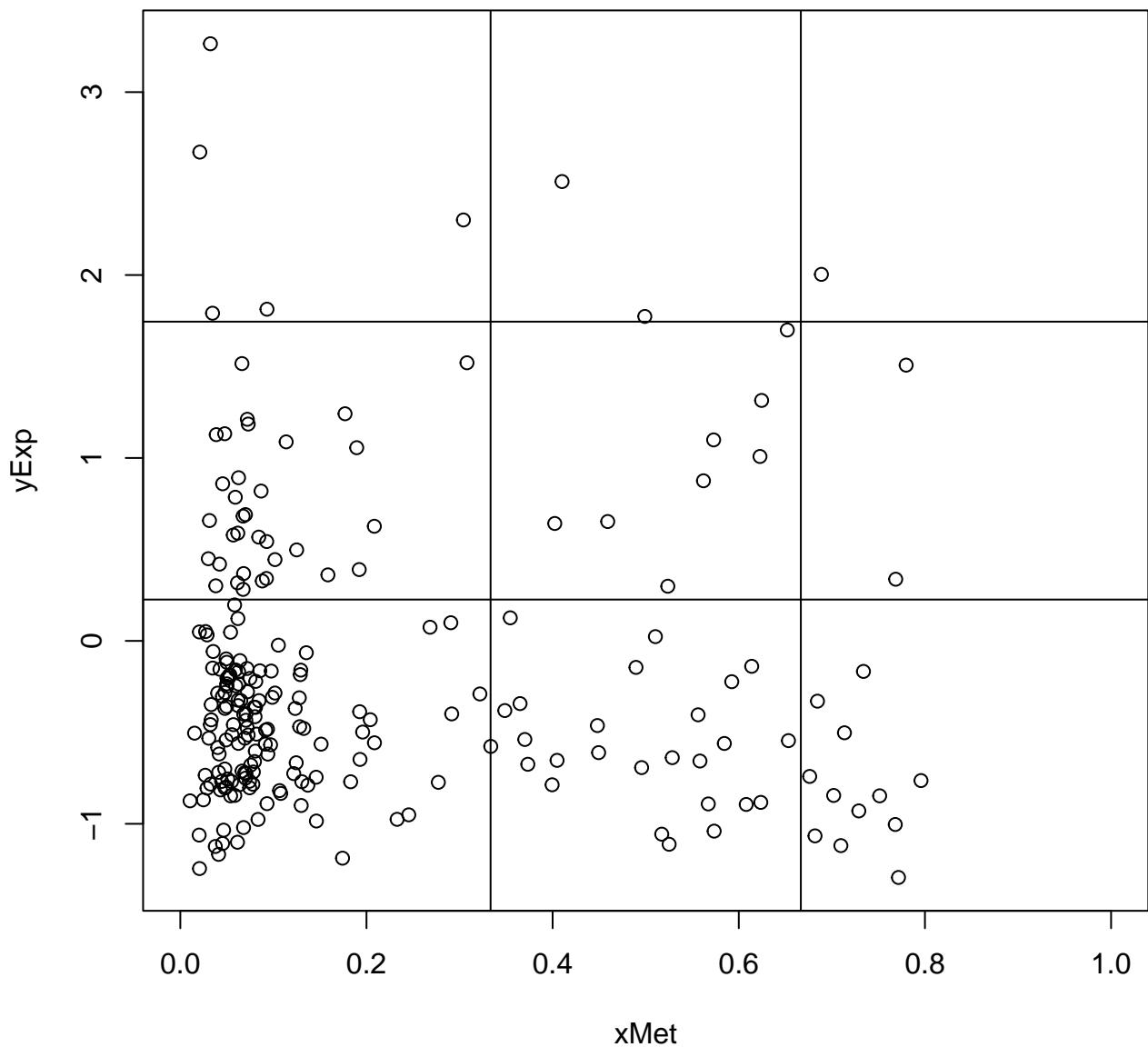
NMNAT2, 219



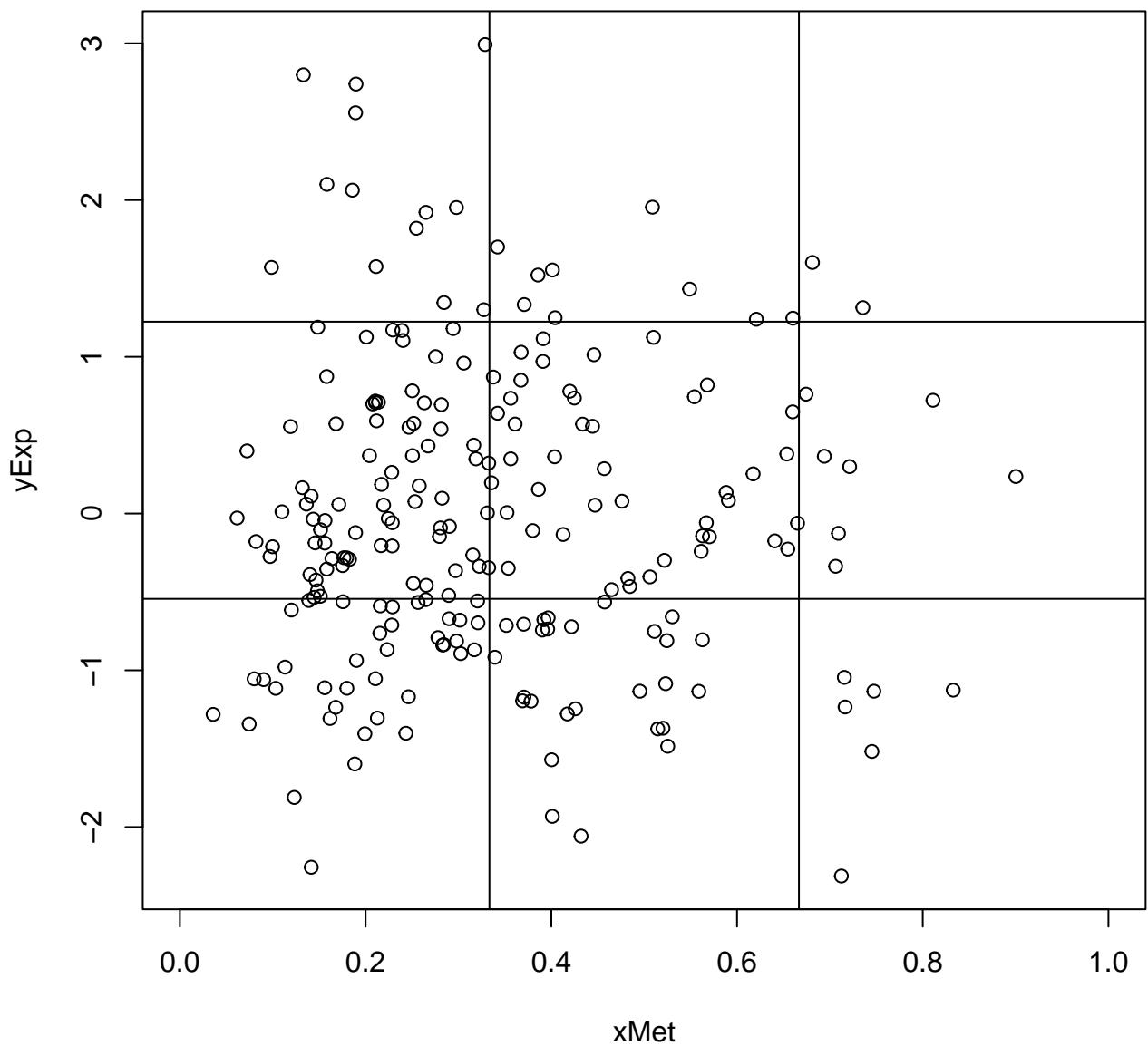
NMUR2, -65.4



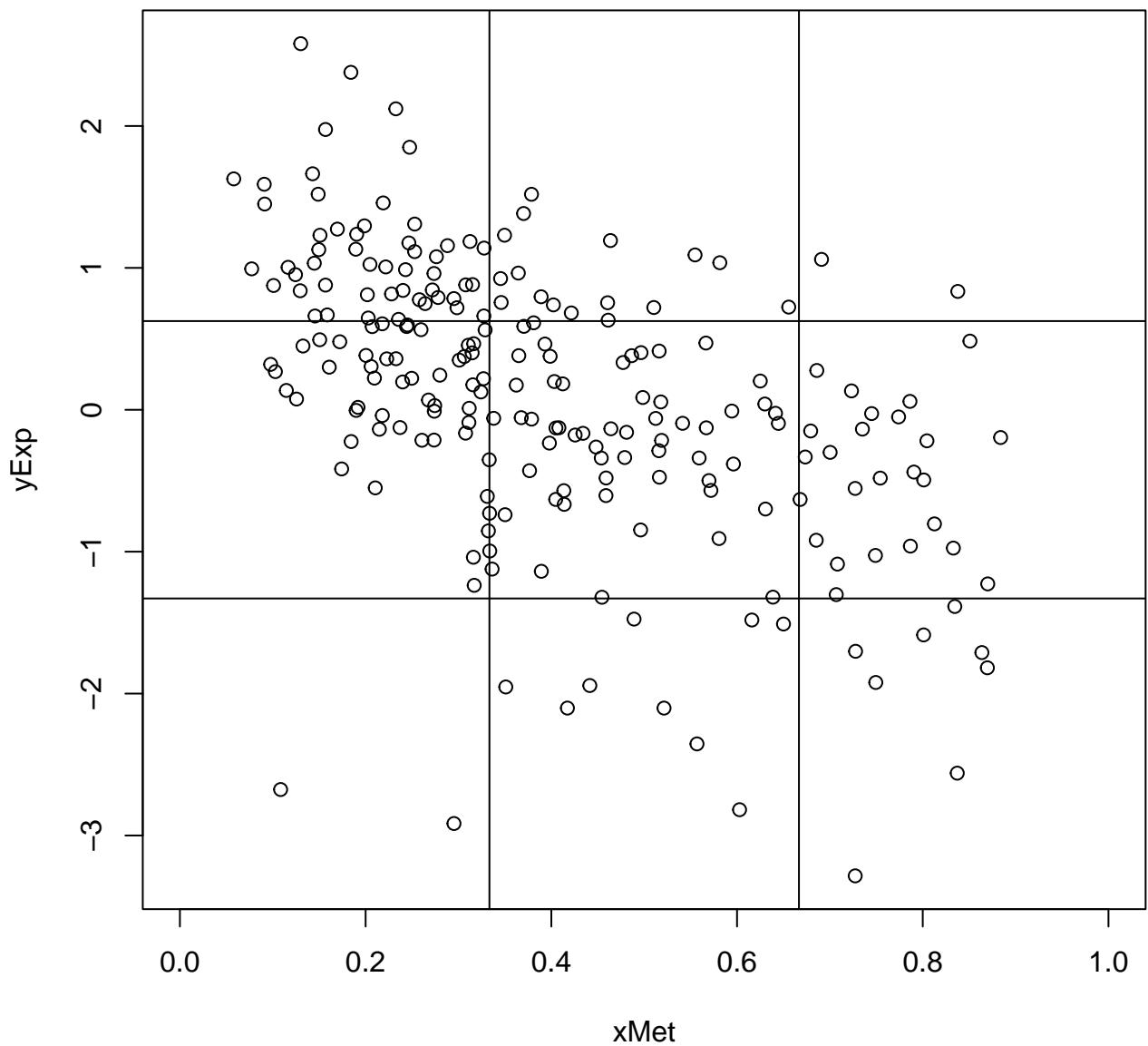
NOL4, 174.4



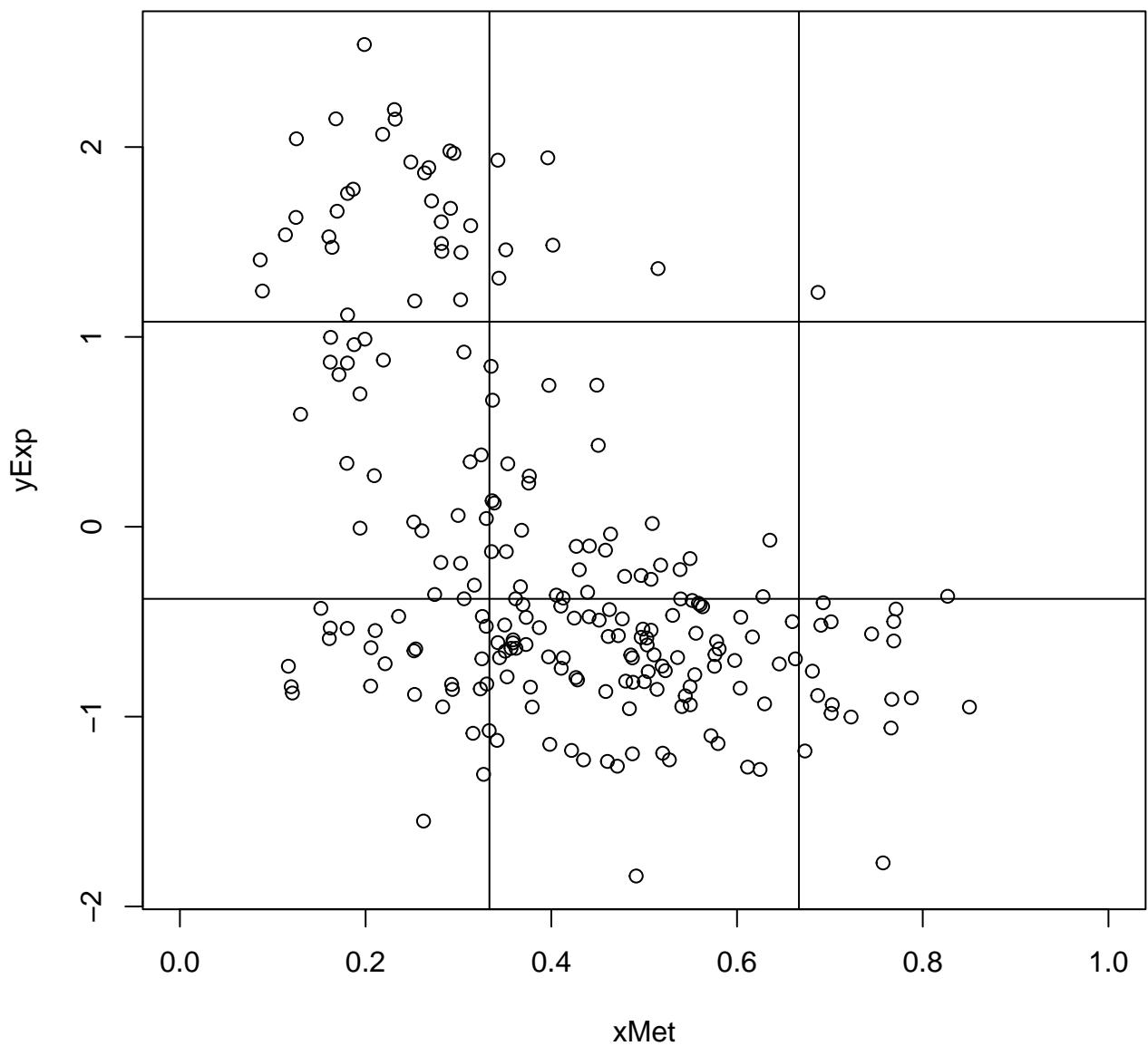
NOTCH3, 58.8



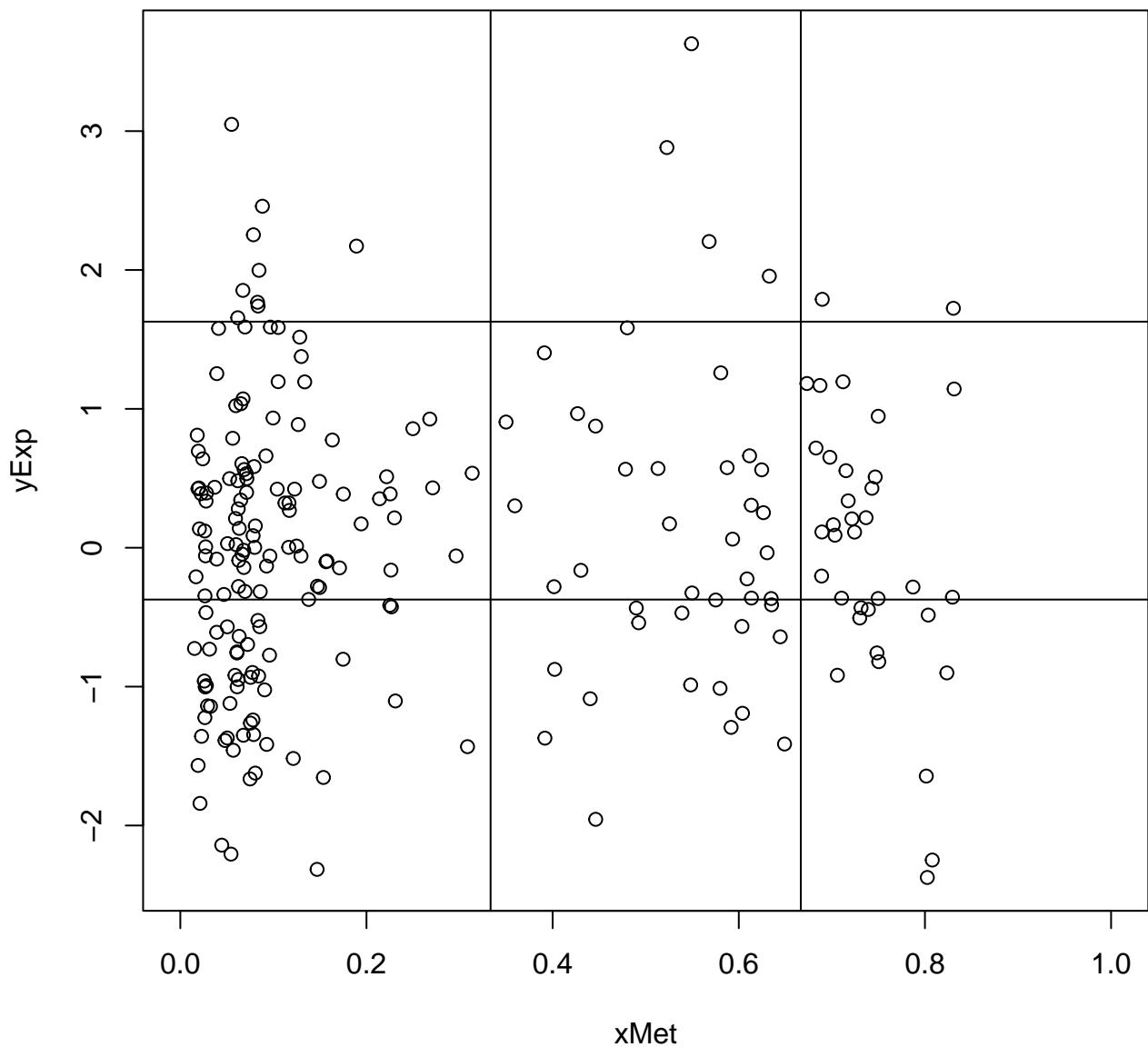
NPDC1, 8.8



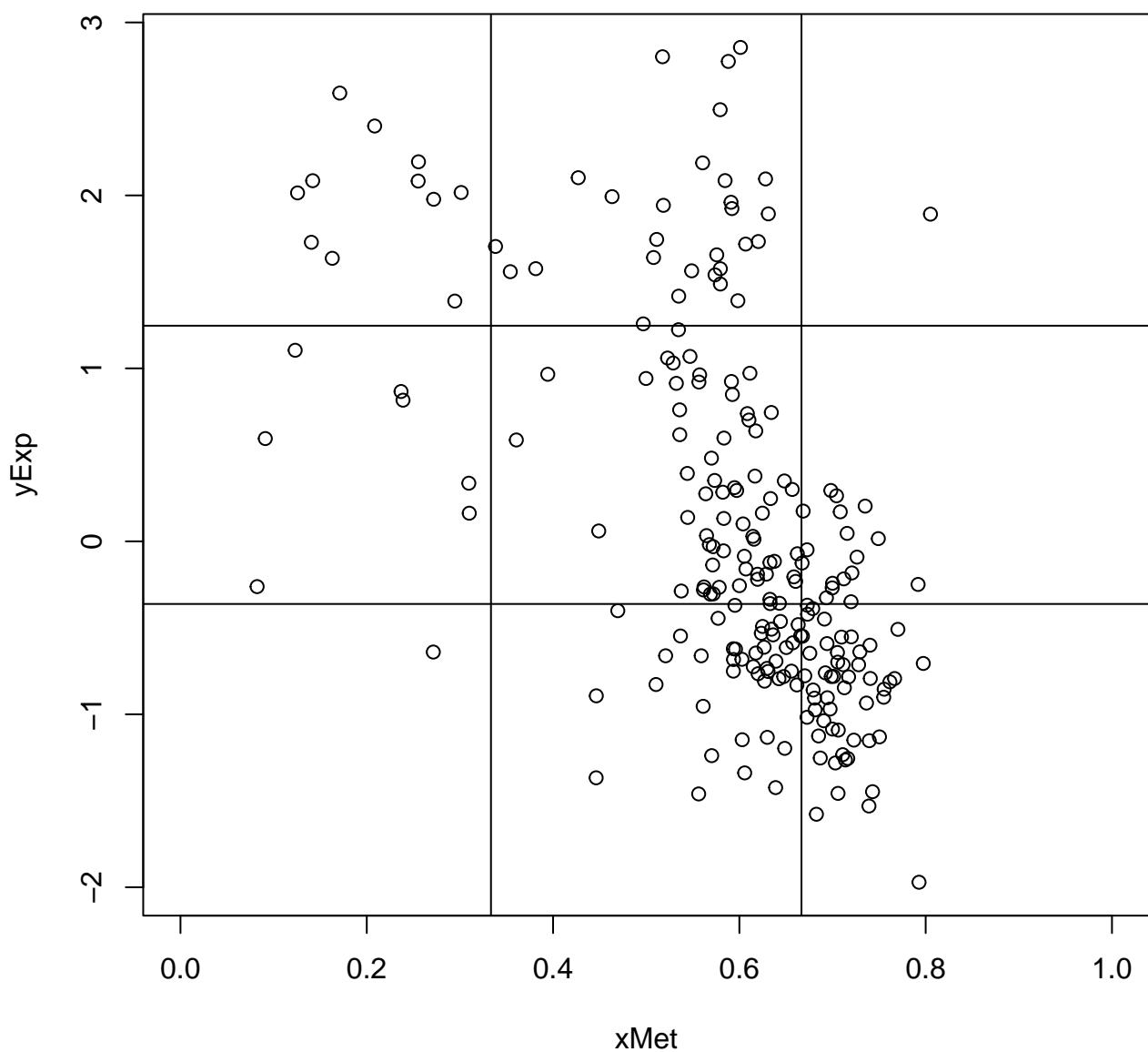
NPSR1, 172.4



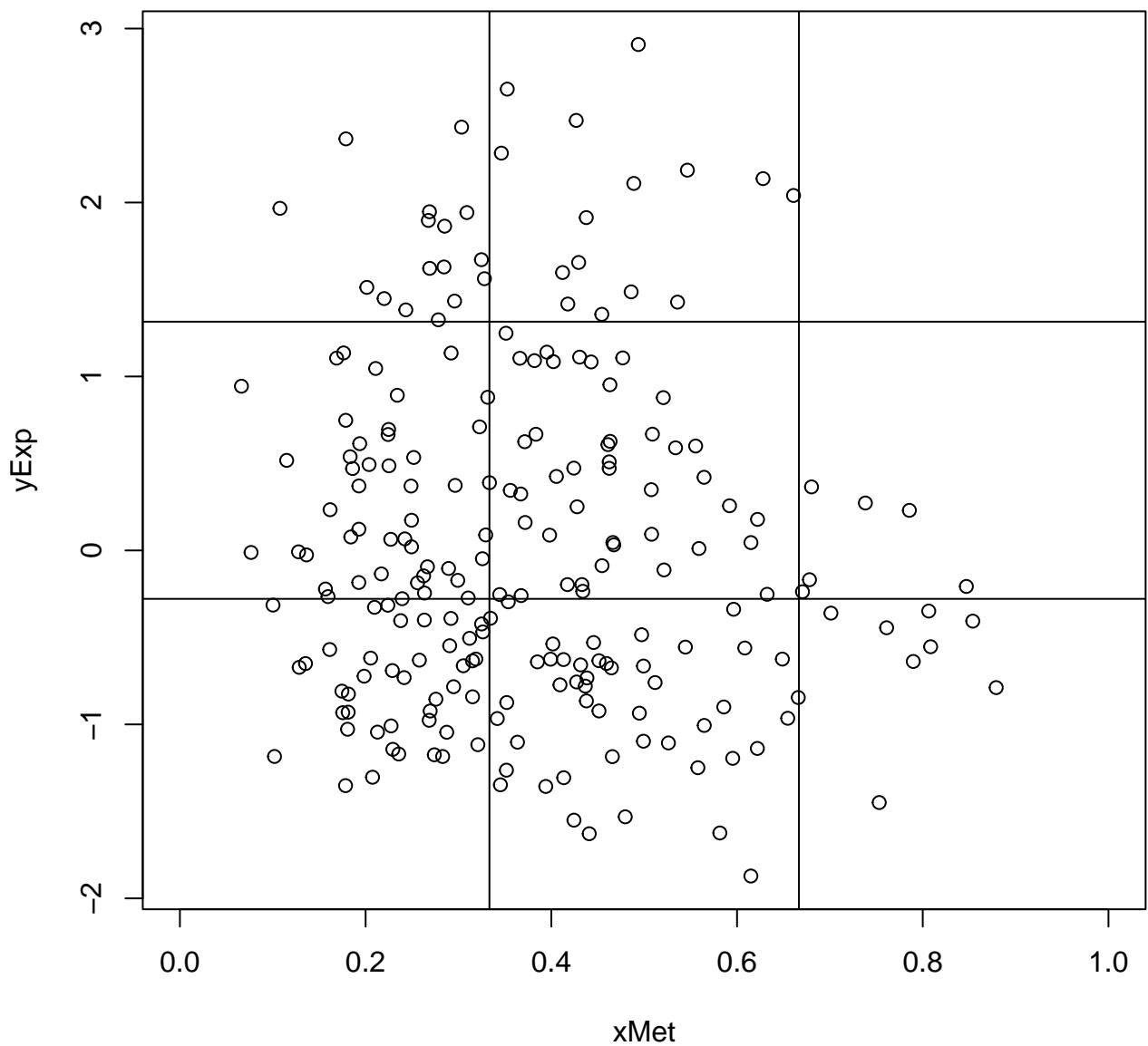
NPTX1, 50.8



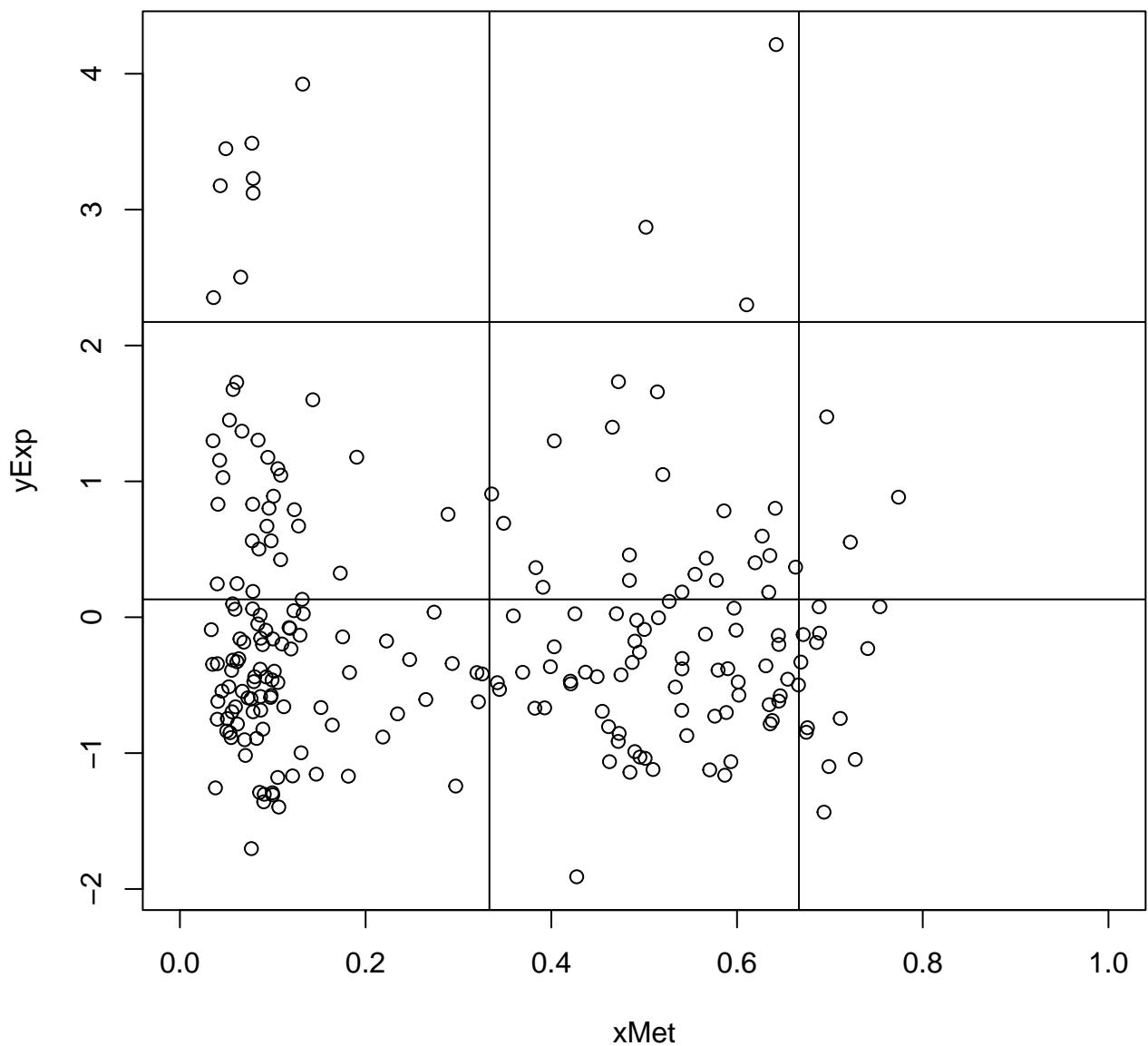
NPTX2, 42.4



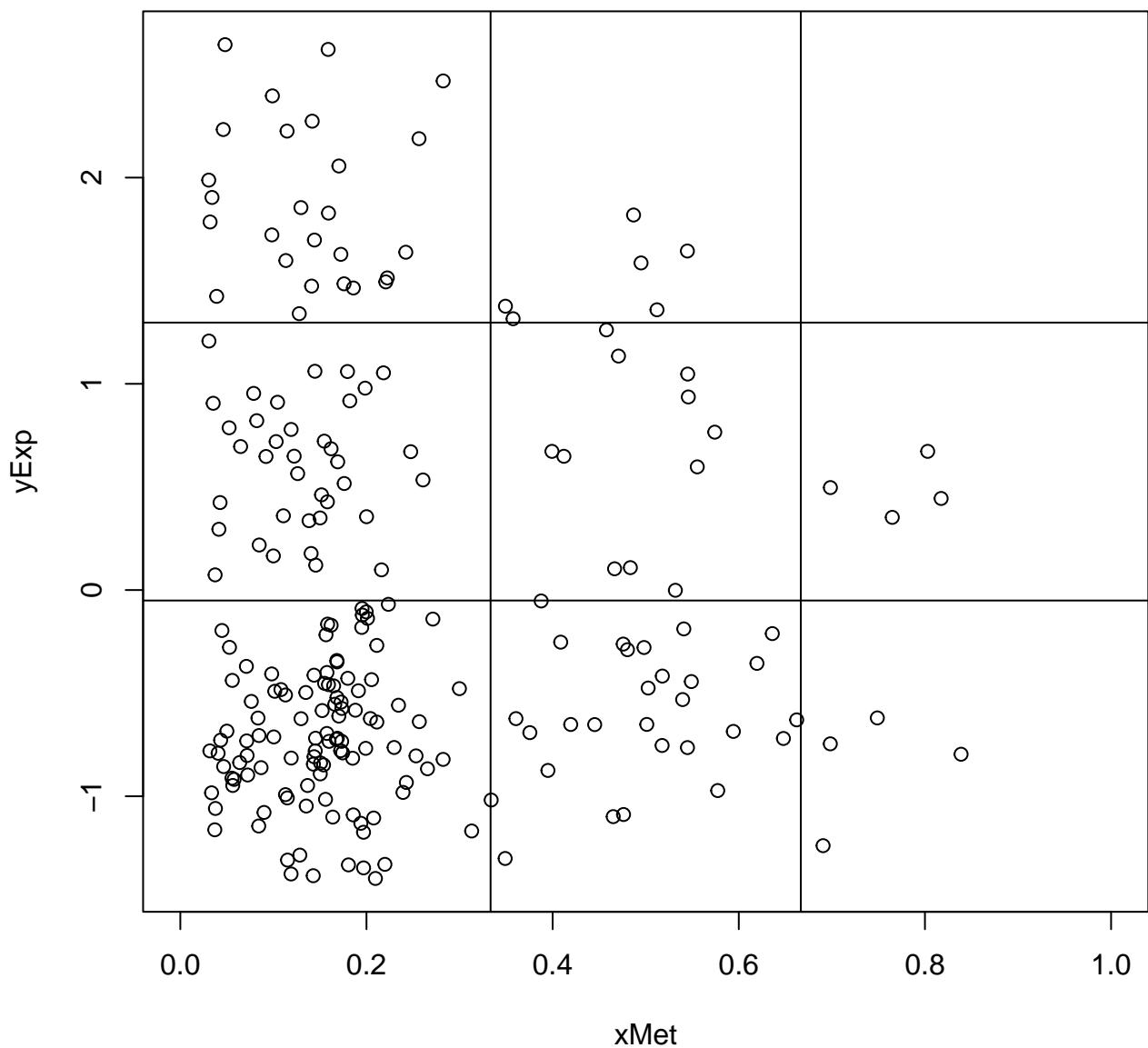
NR1H4, 140



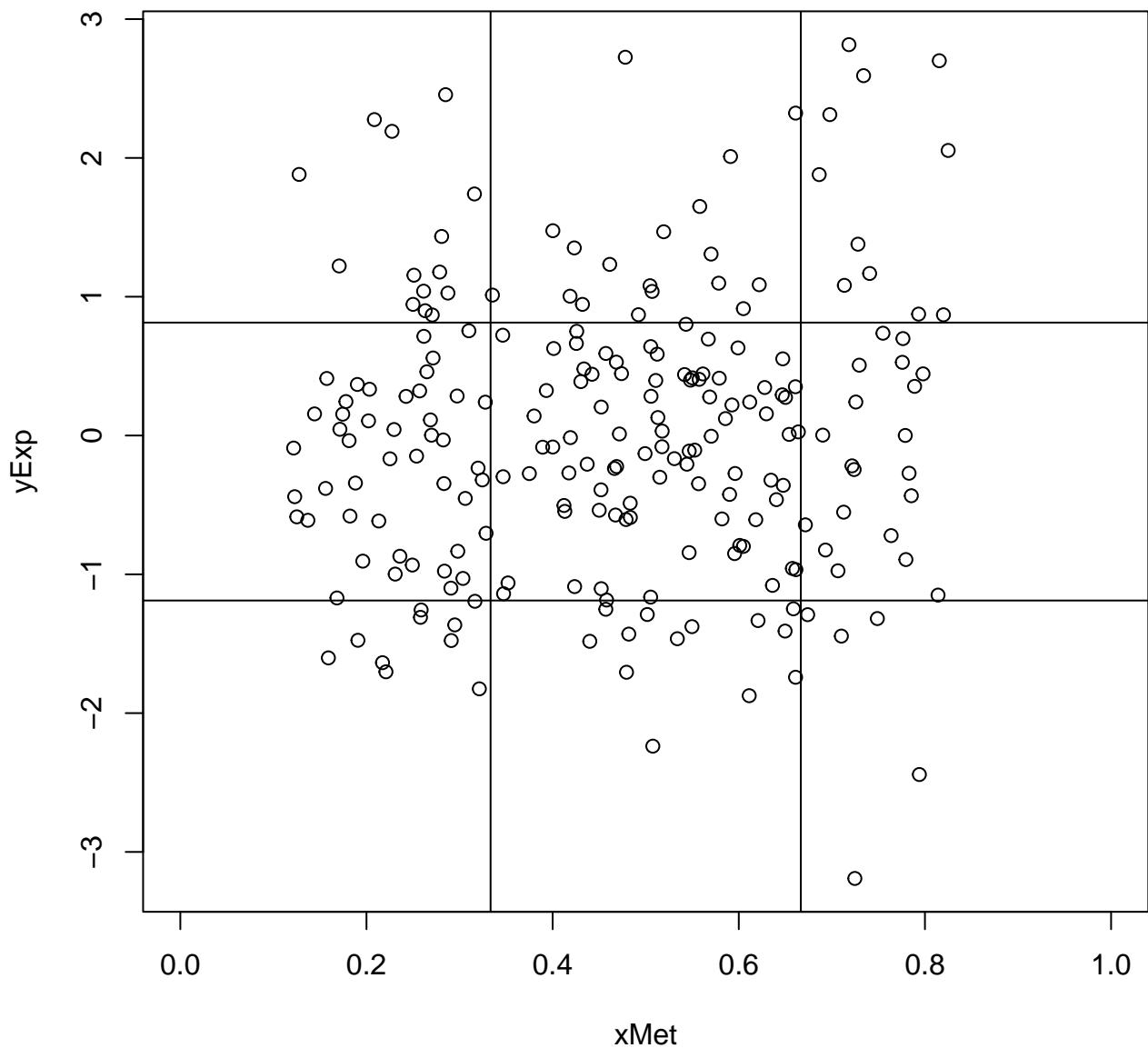
NRCAM, 204



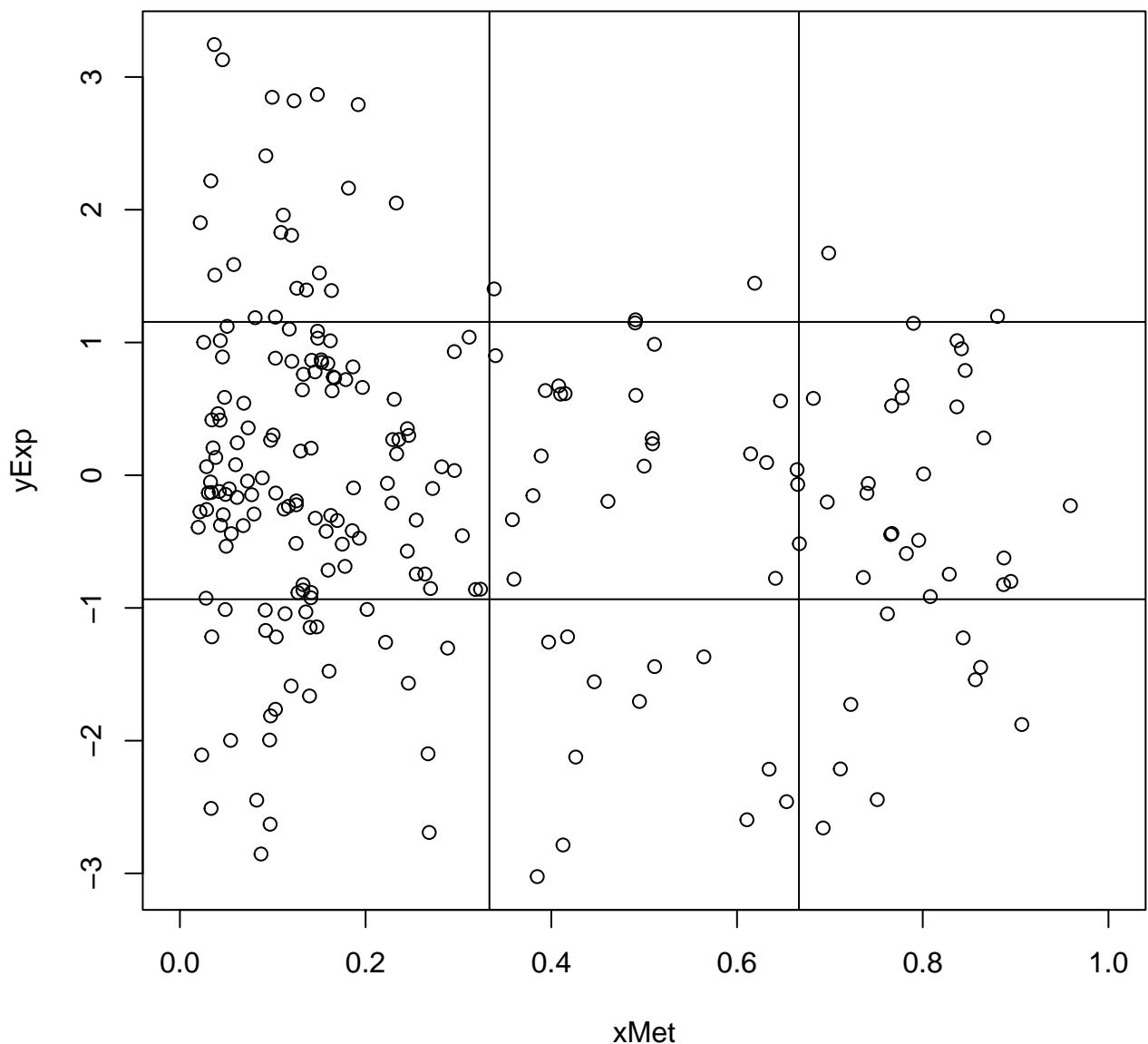
NRN1, 212



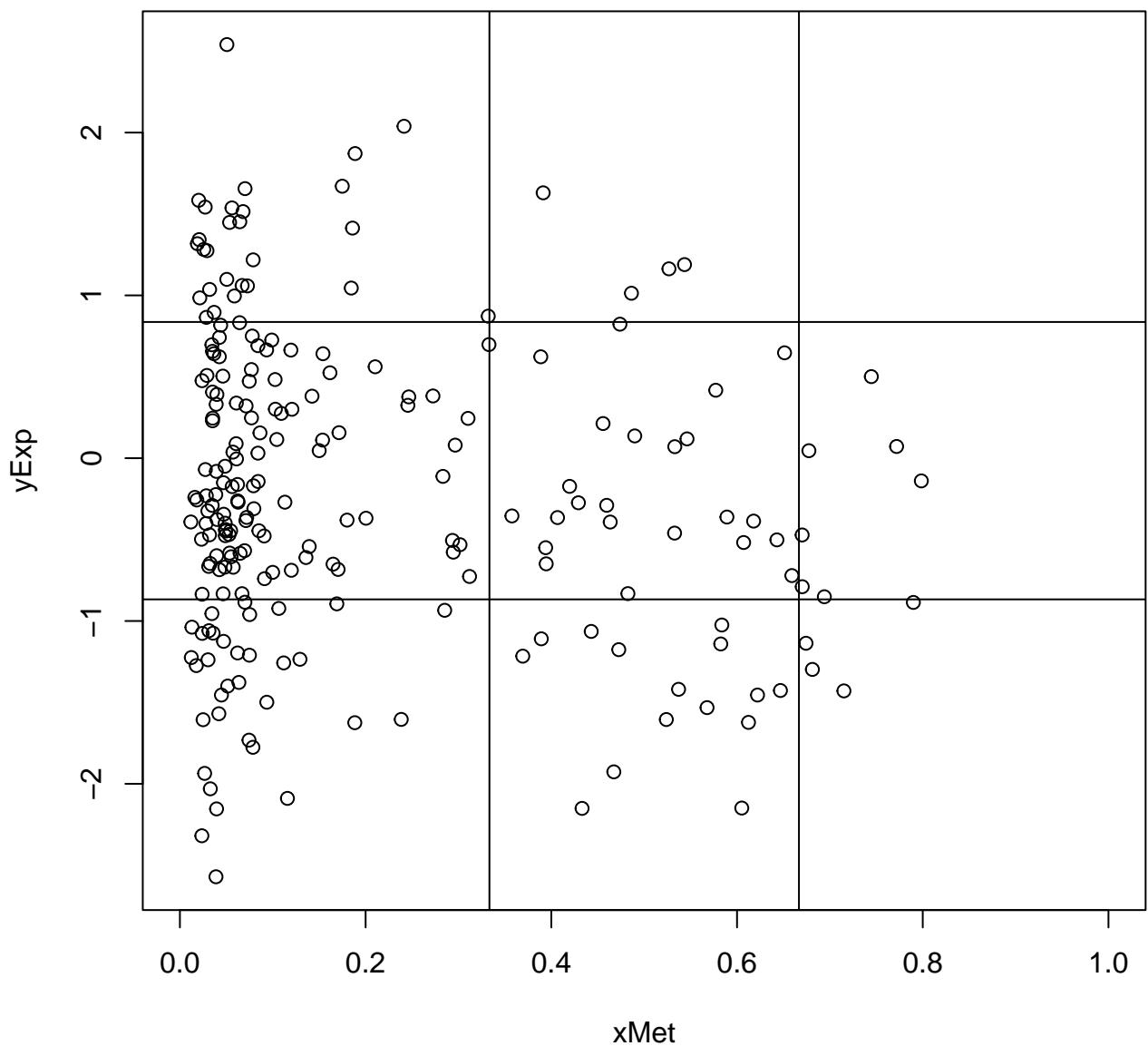
NRSN1, -460.6



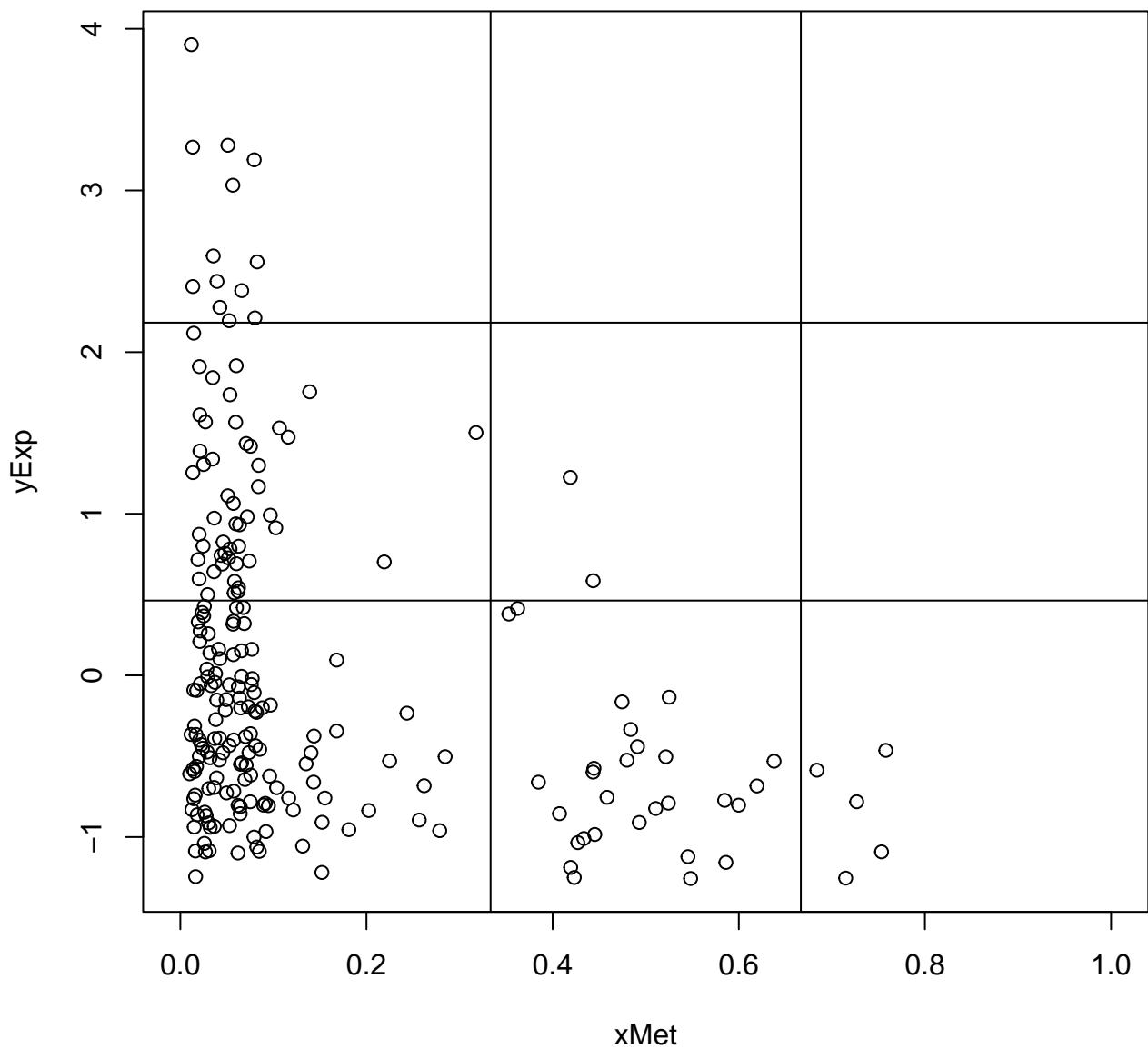
NRSN2, 53.8



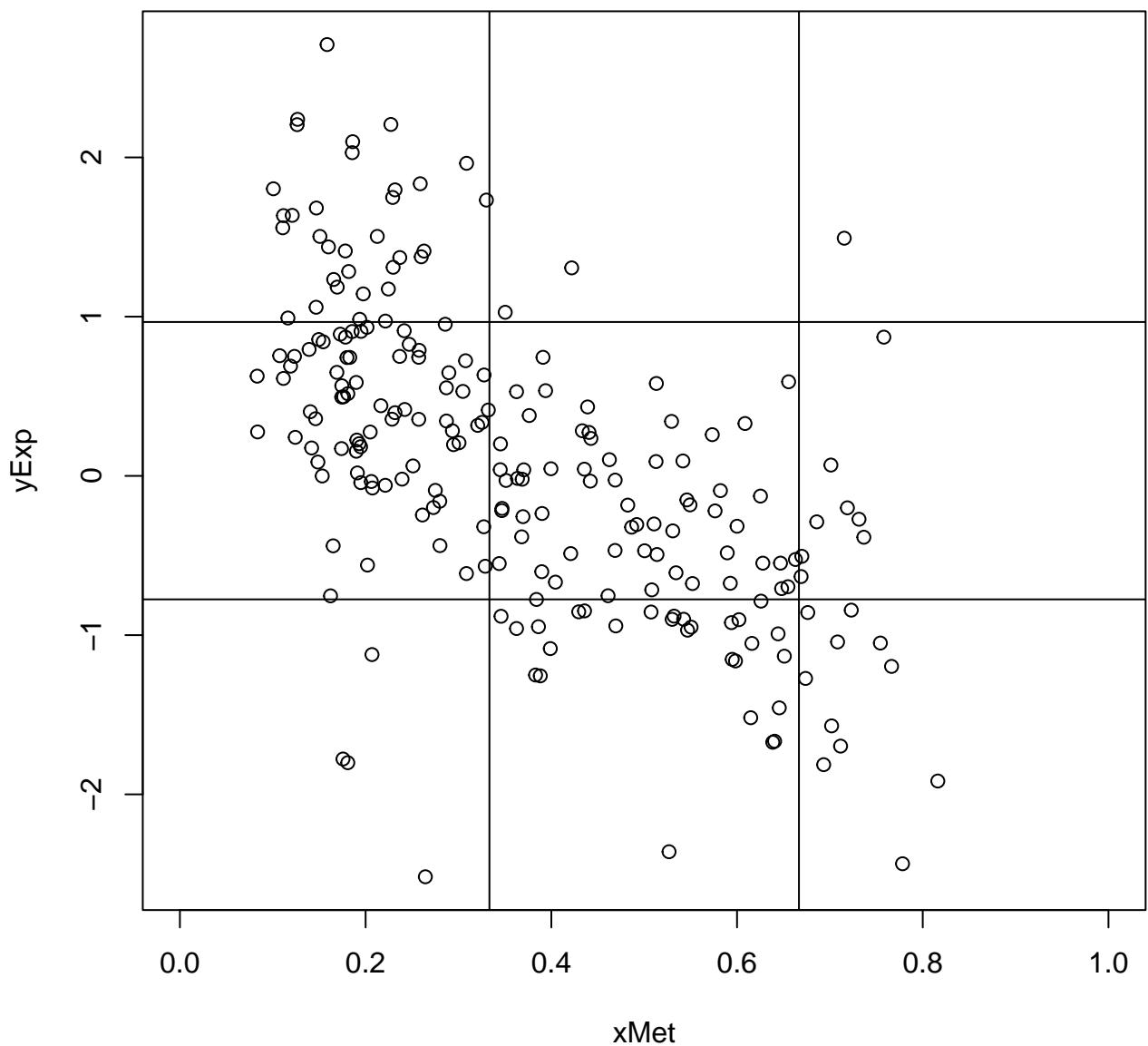
NTN1, 198



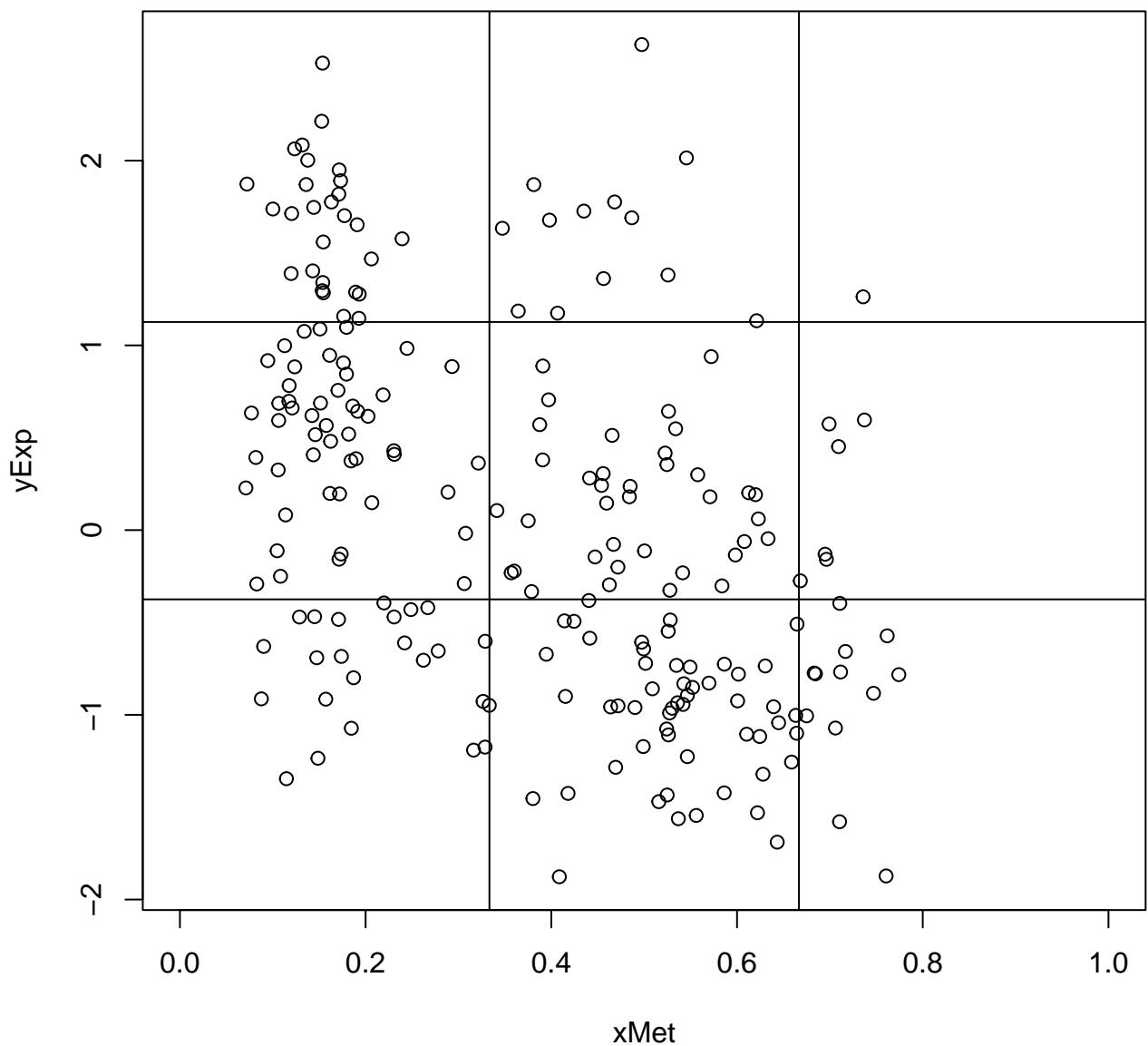
NTRK2, 239



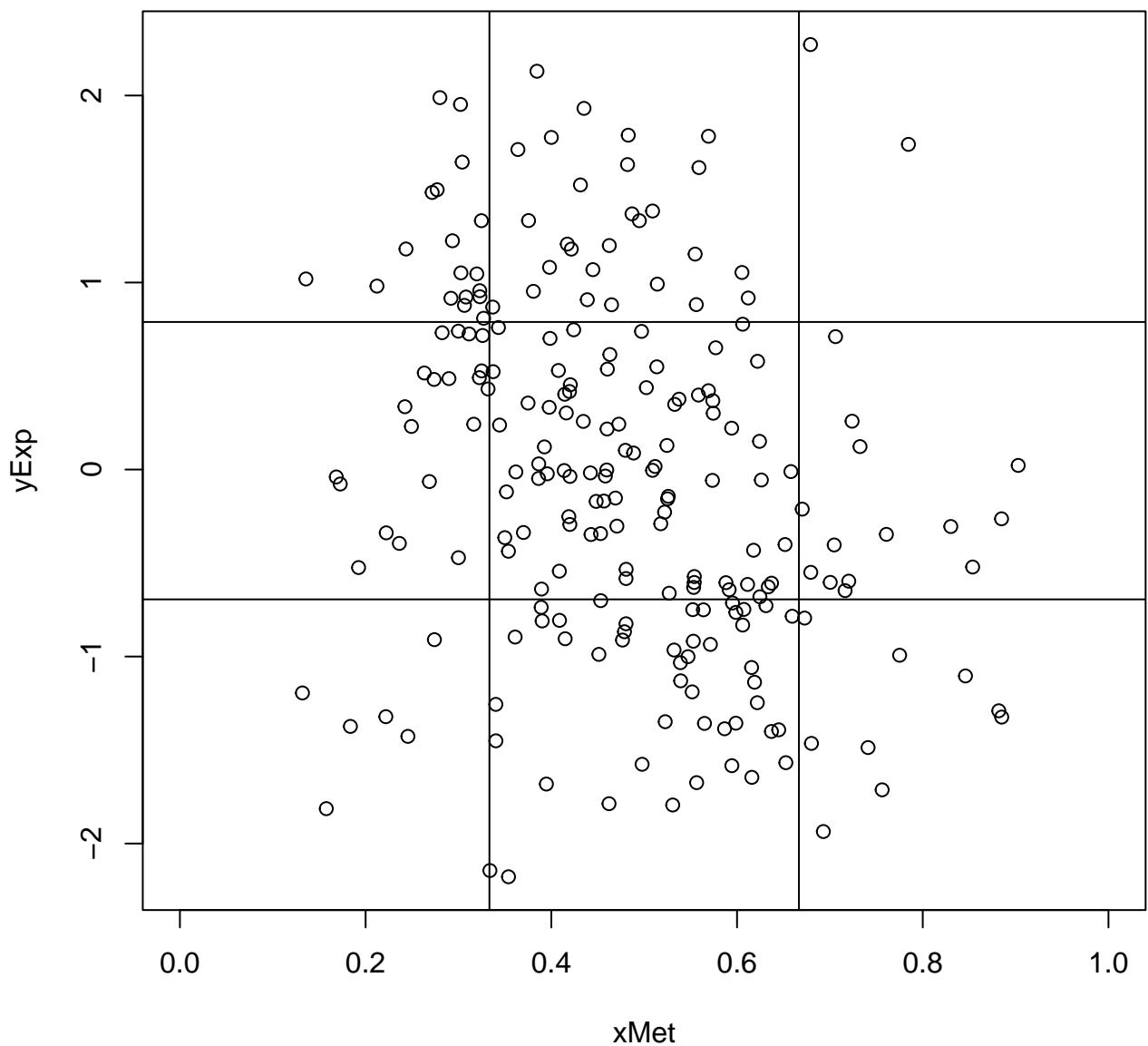
NUPR1, 131.4



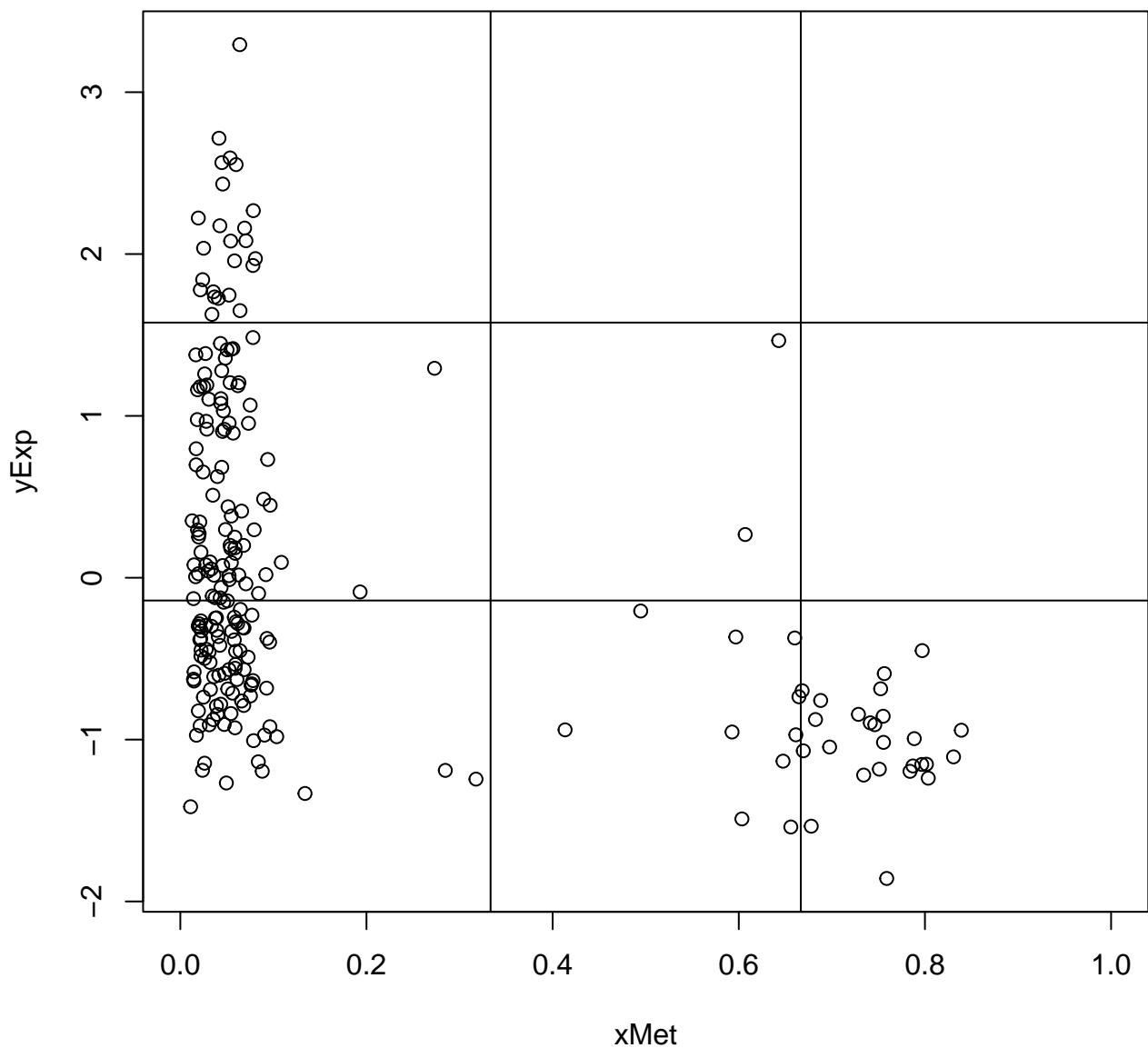
OCA2, 123.4



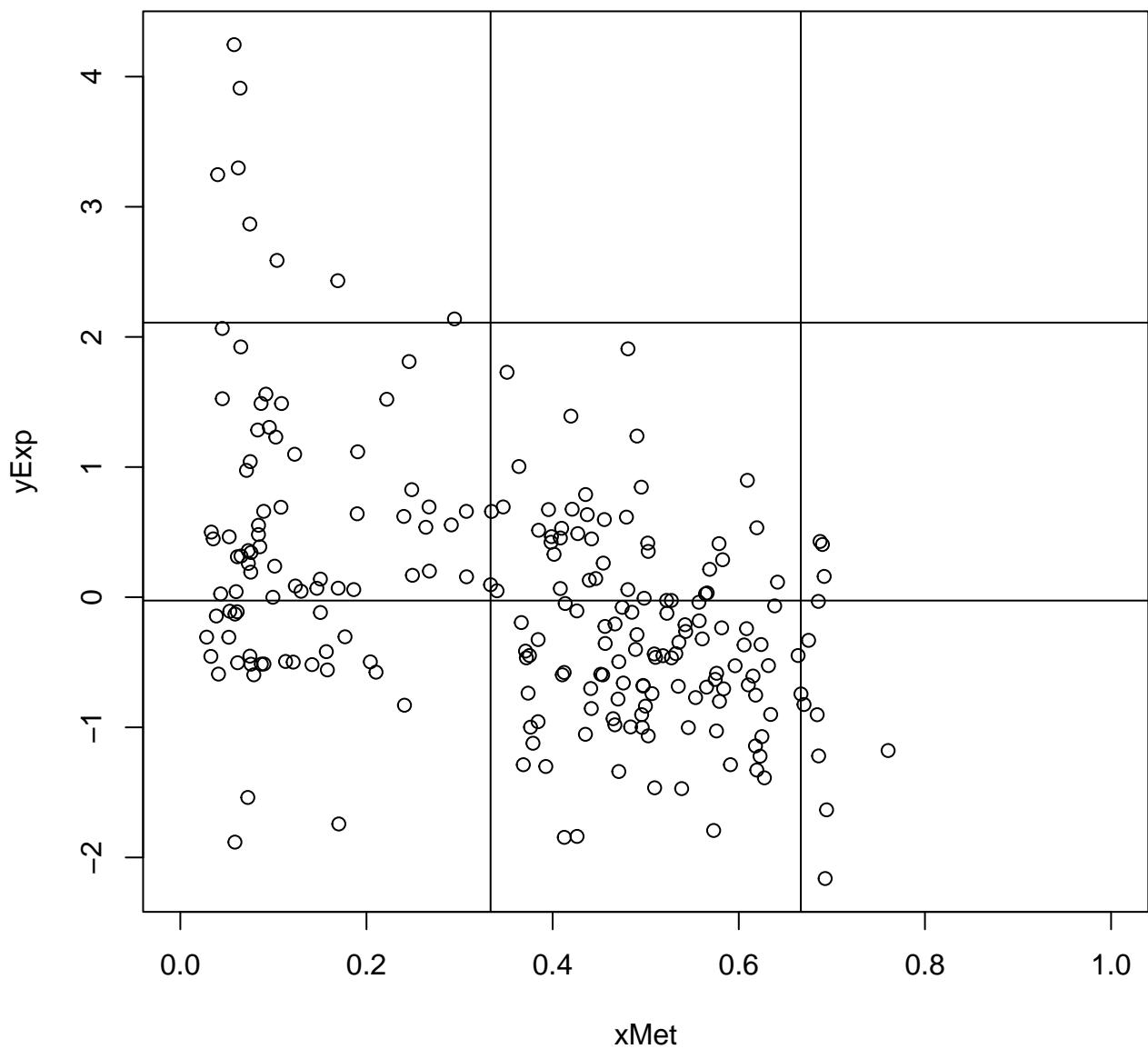
ODAM, -45.2



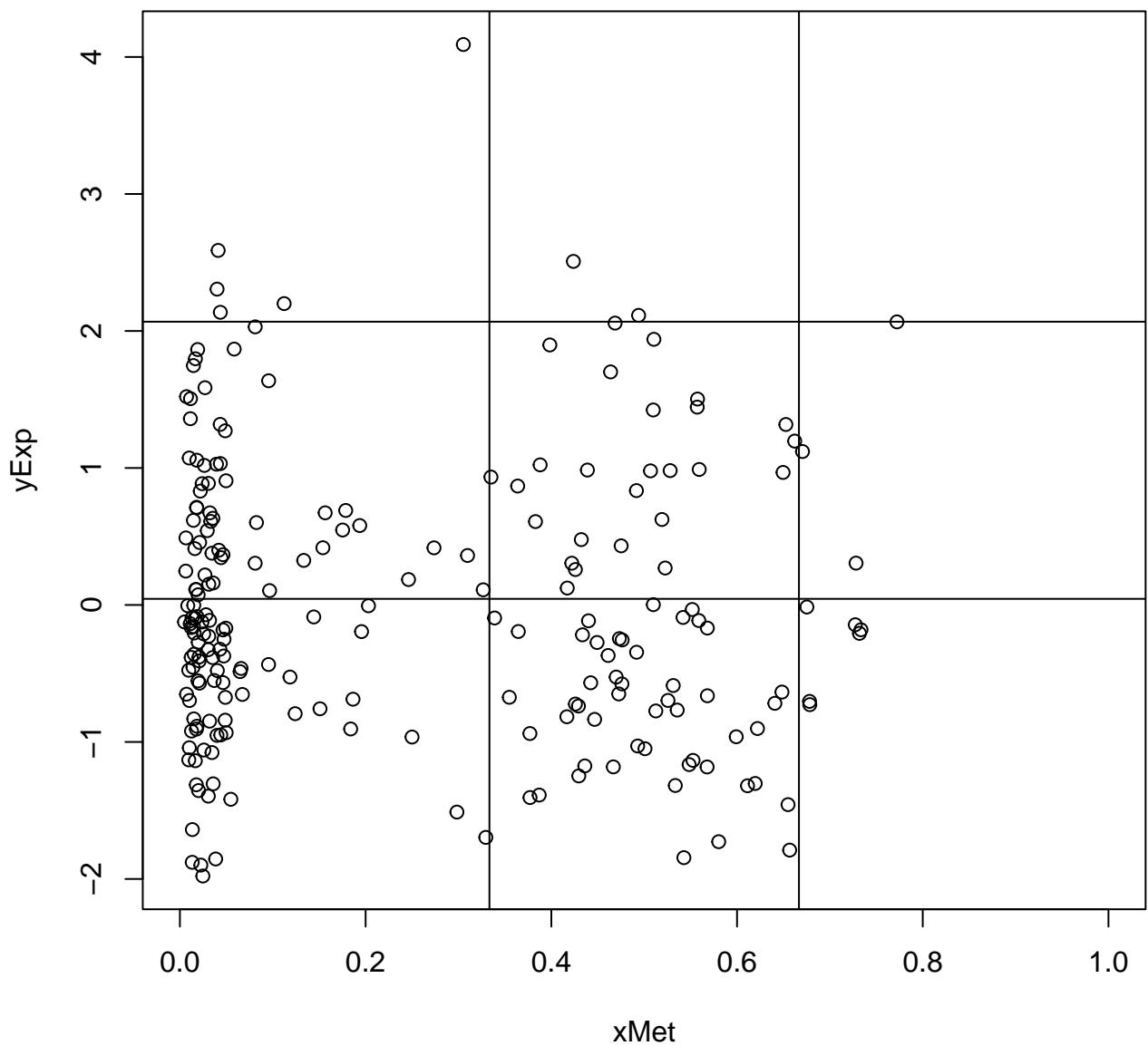
OGDHL, 270



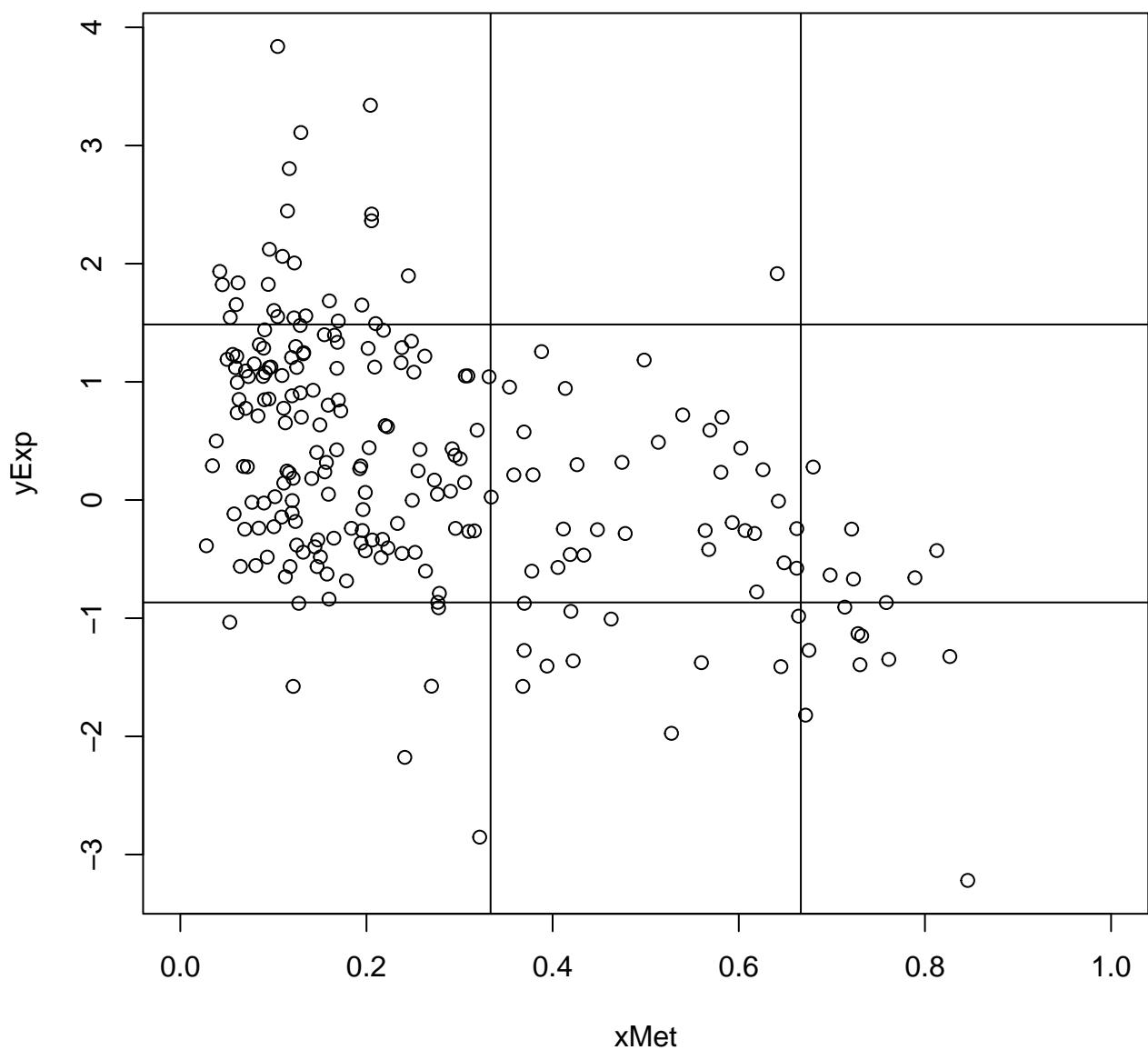
OLFM1, 190



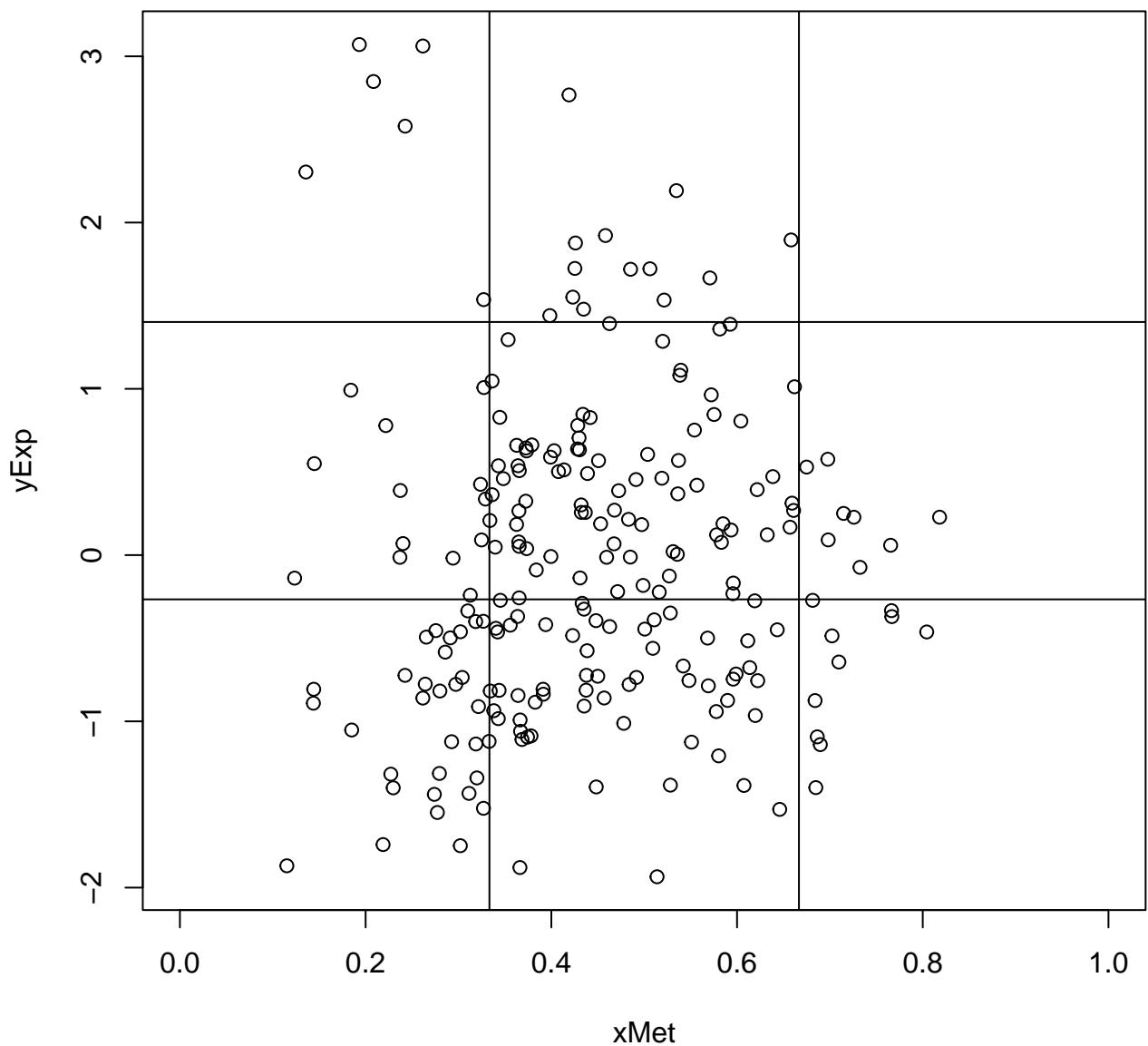
ONECUT1, 193



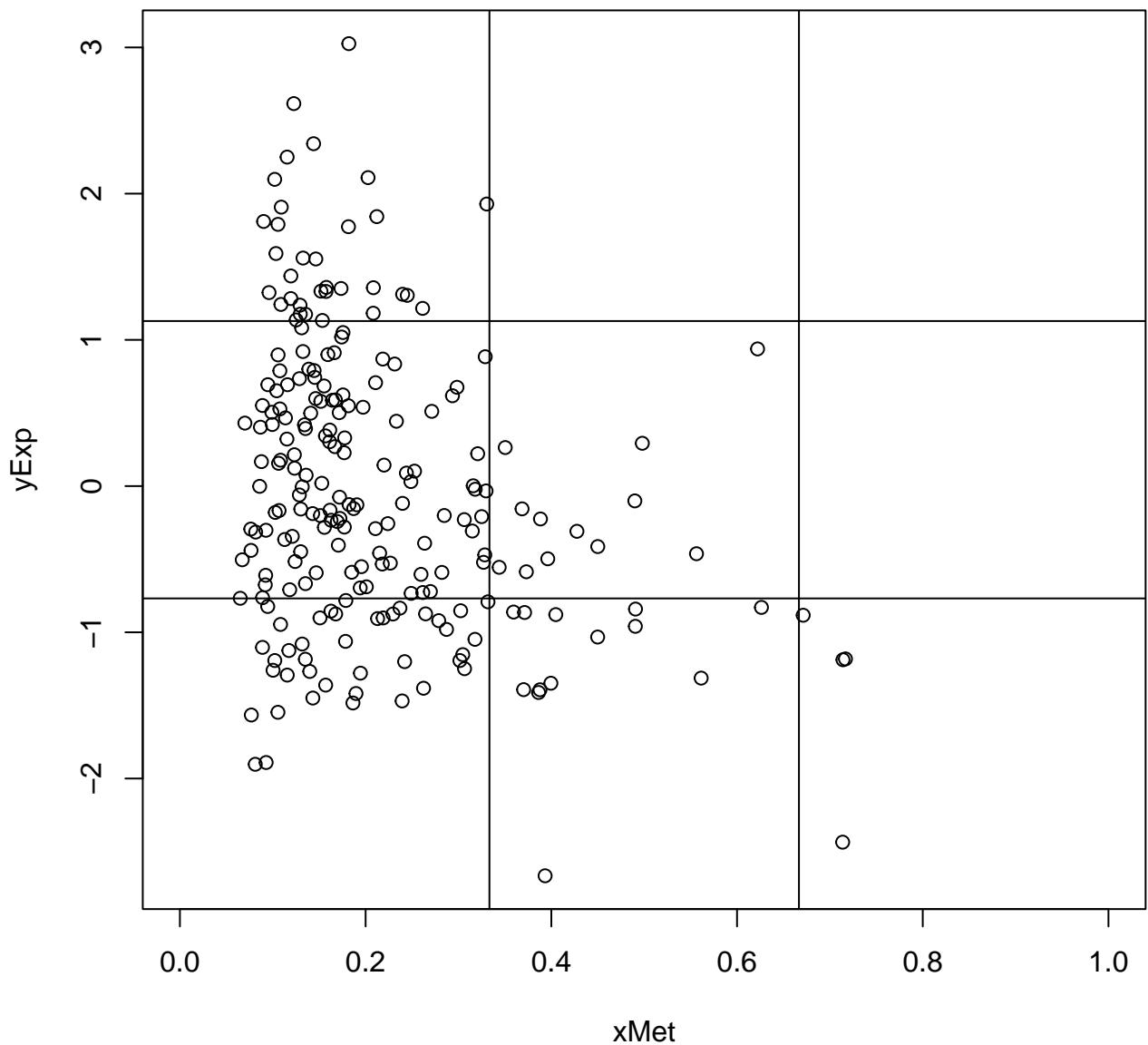
ORAI2, 203



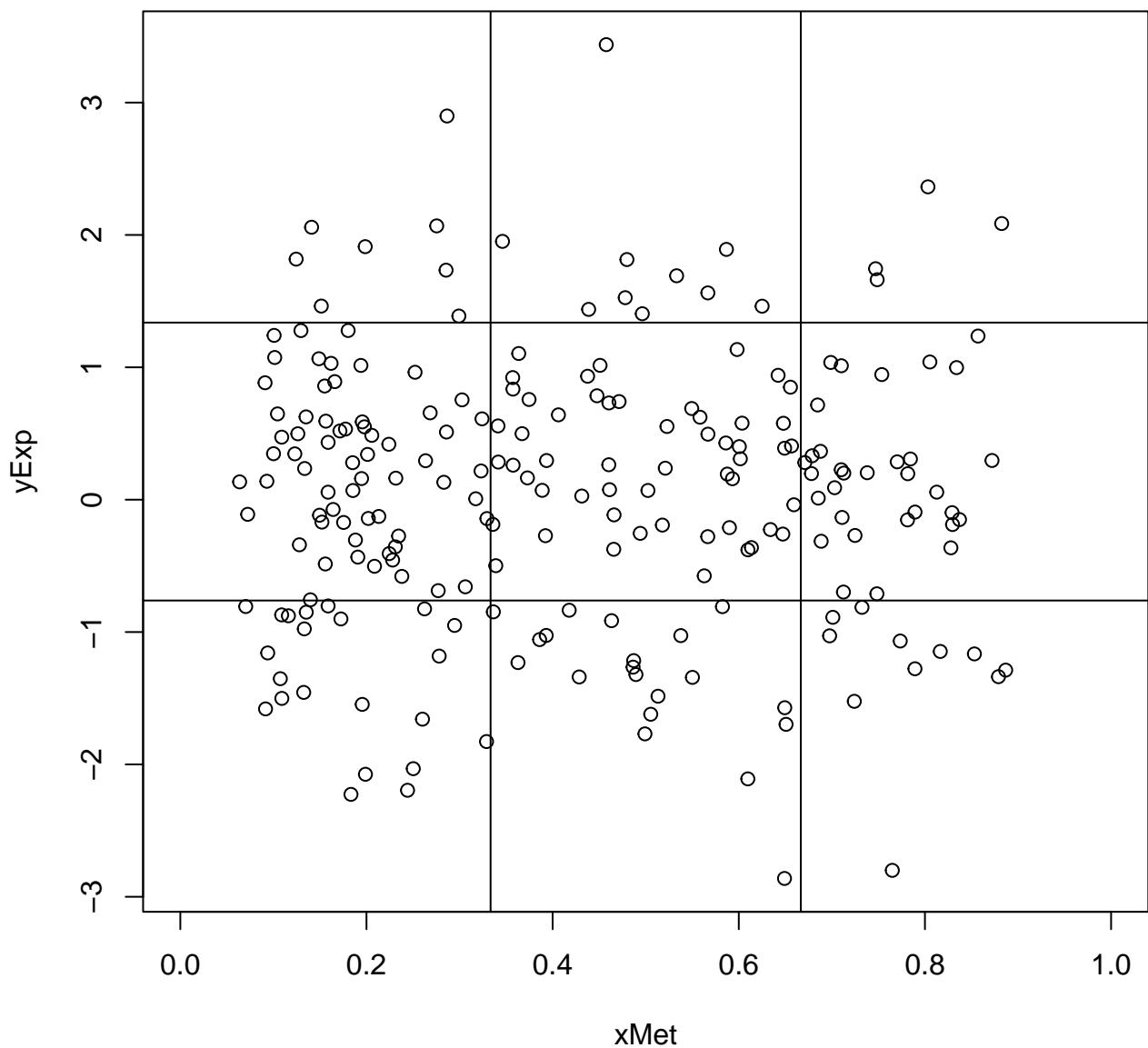
OSCAR, 94



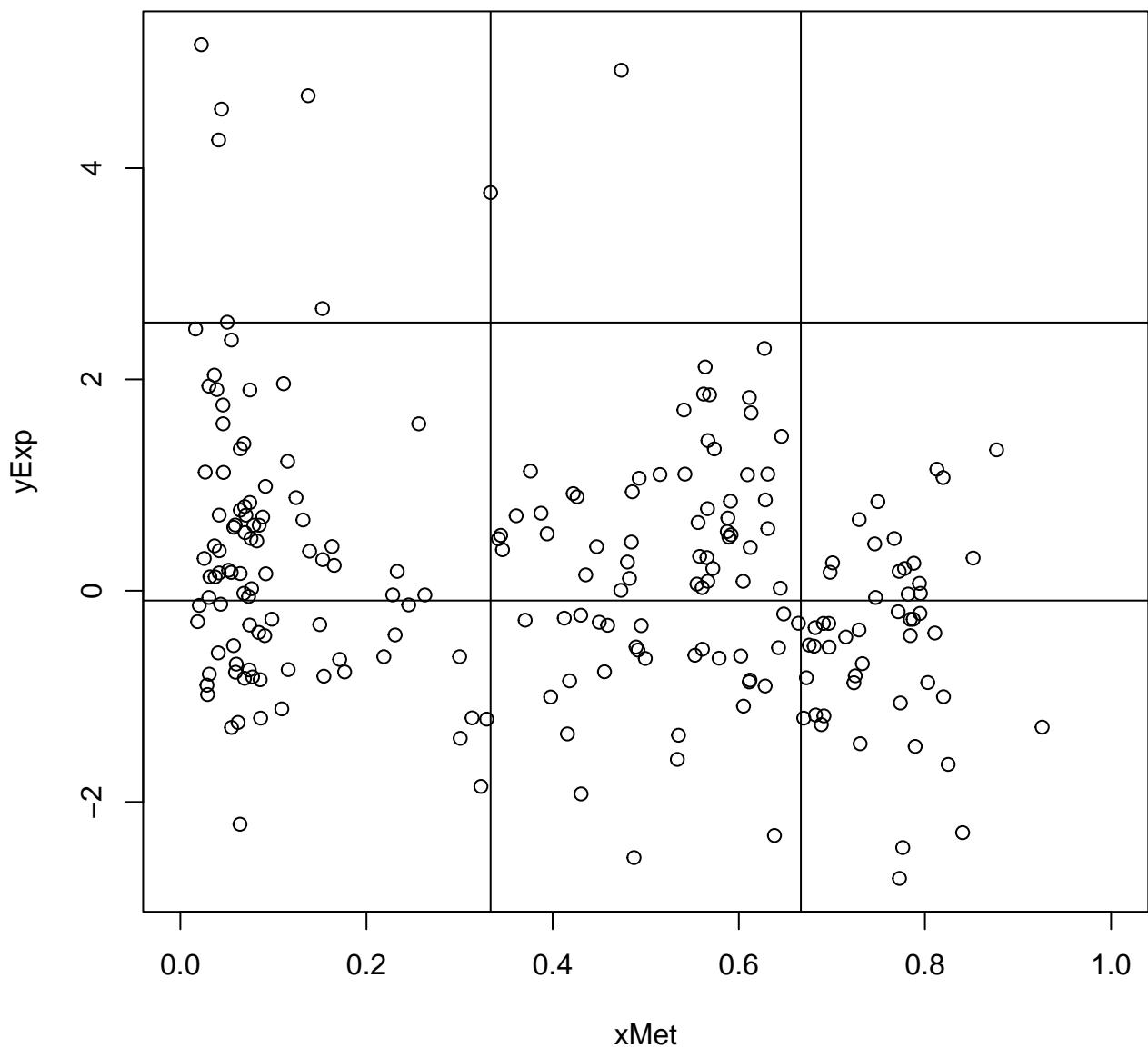
P3H2, 248



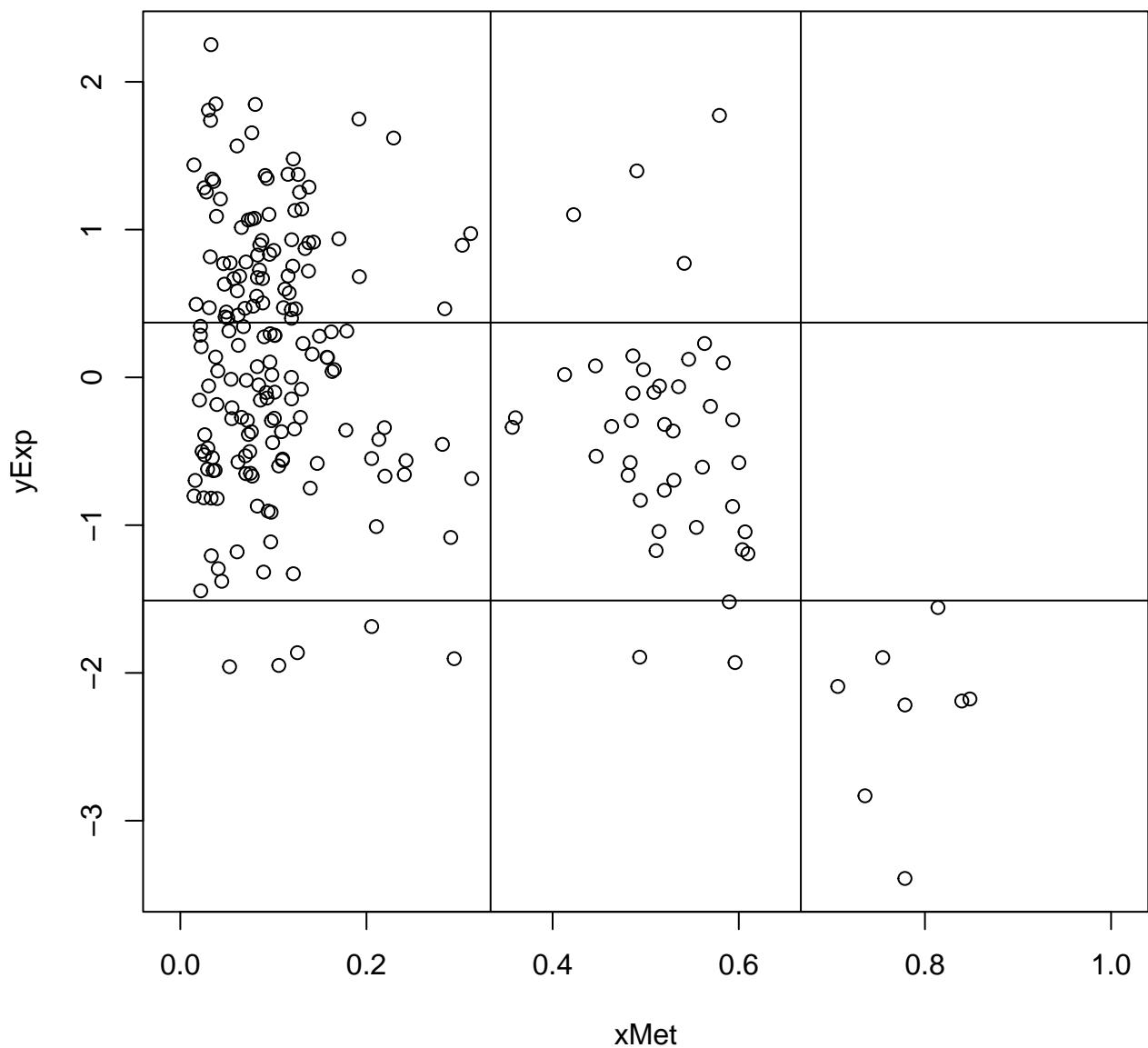
PACSin1, -119.4



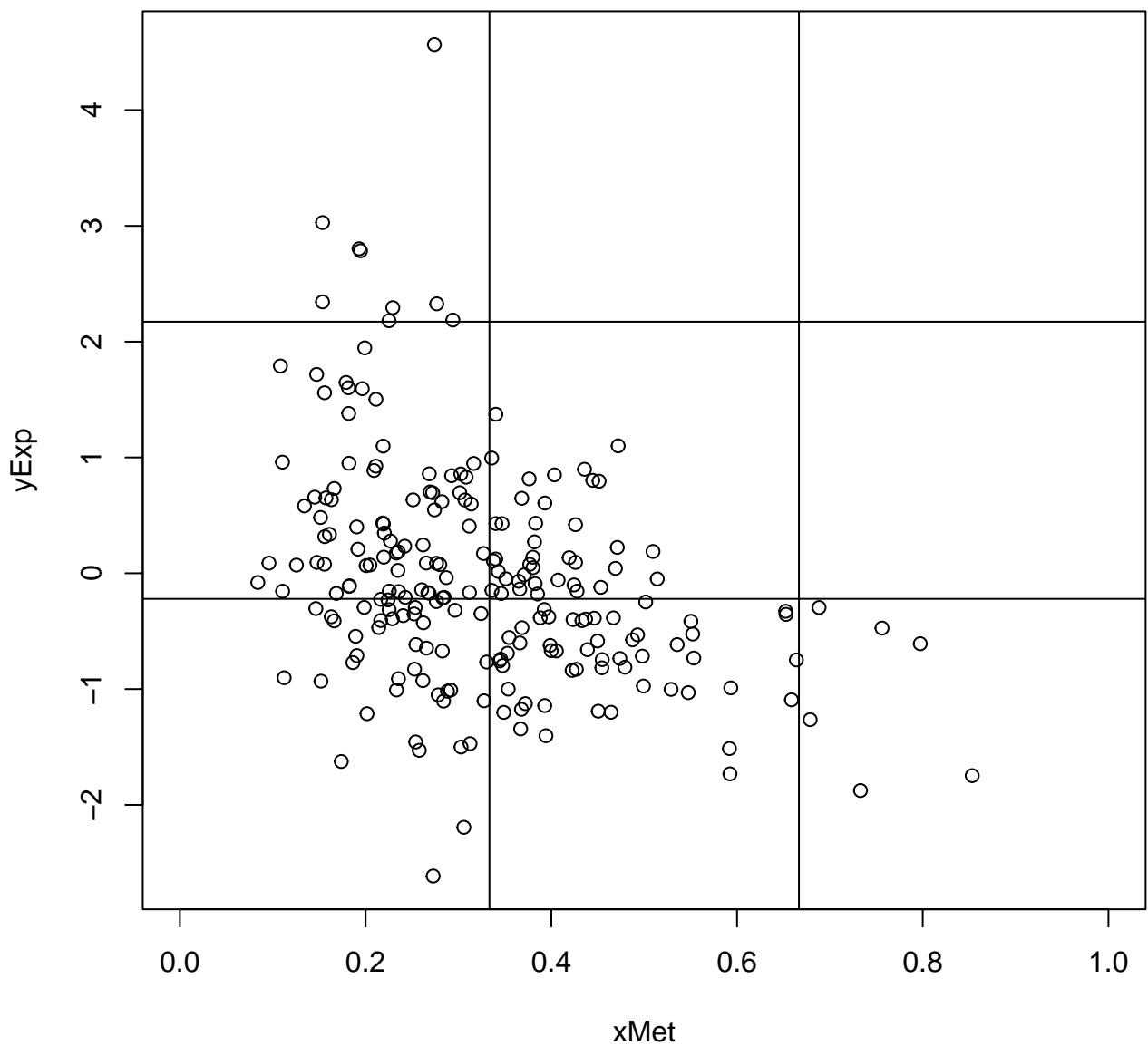
PAK5, 155



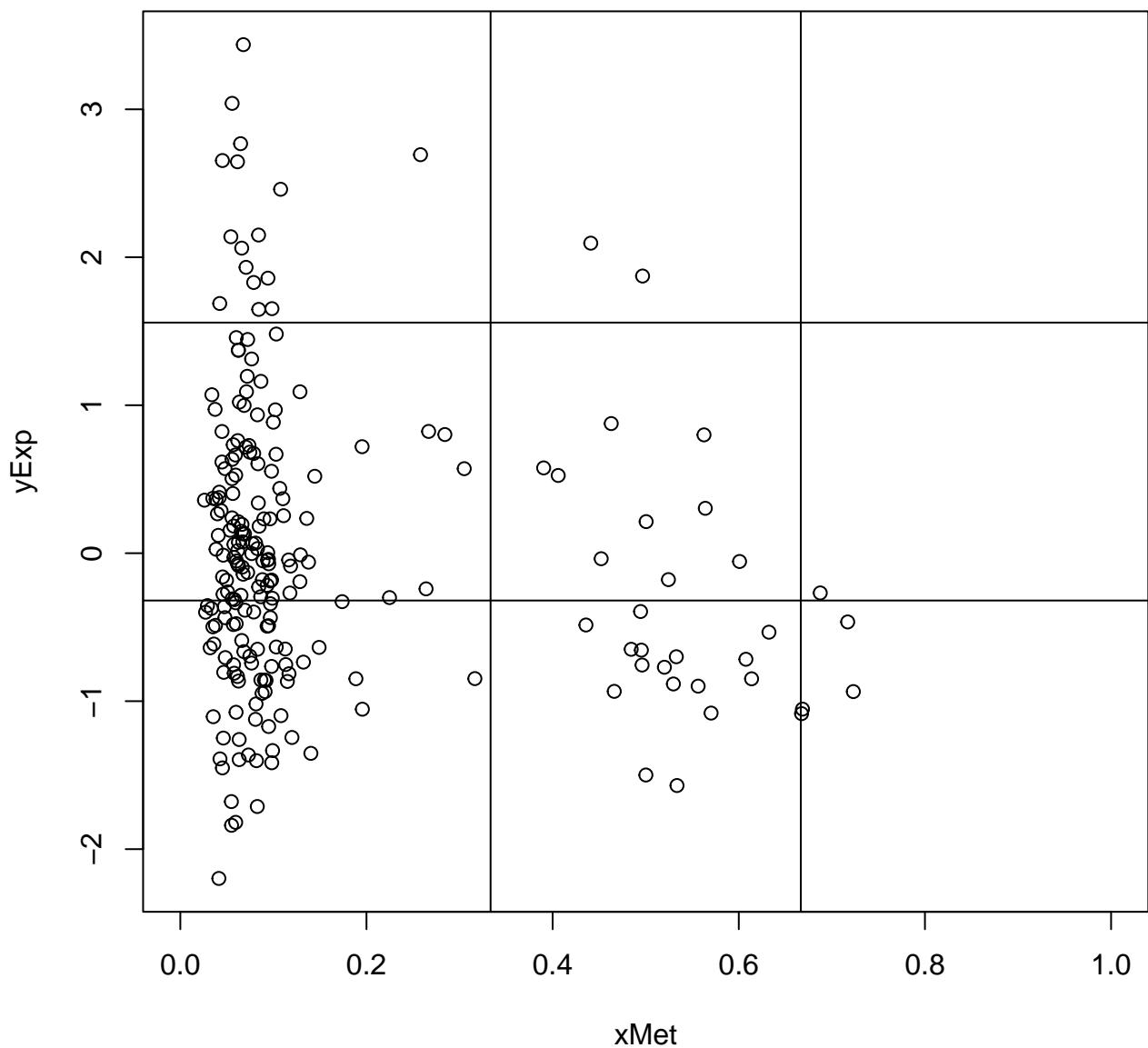
PAOX, 259



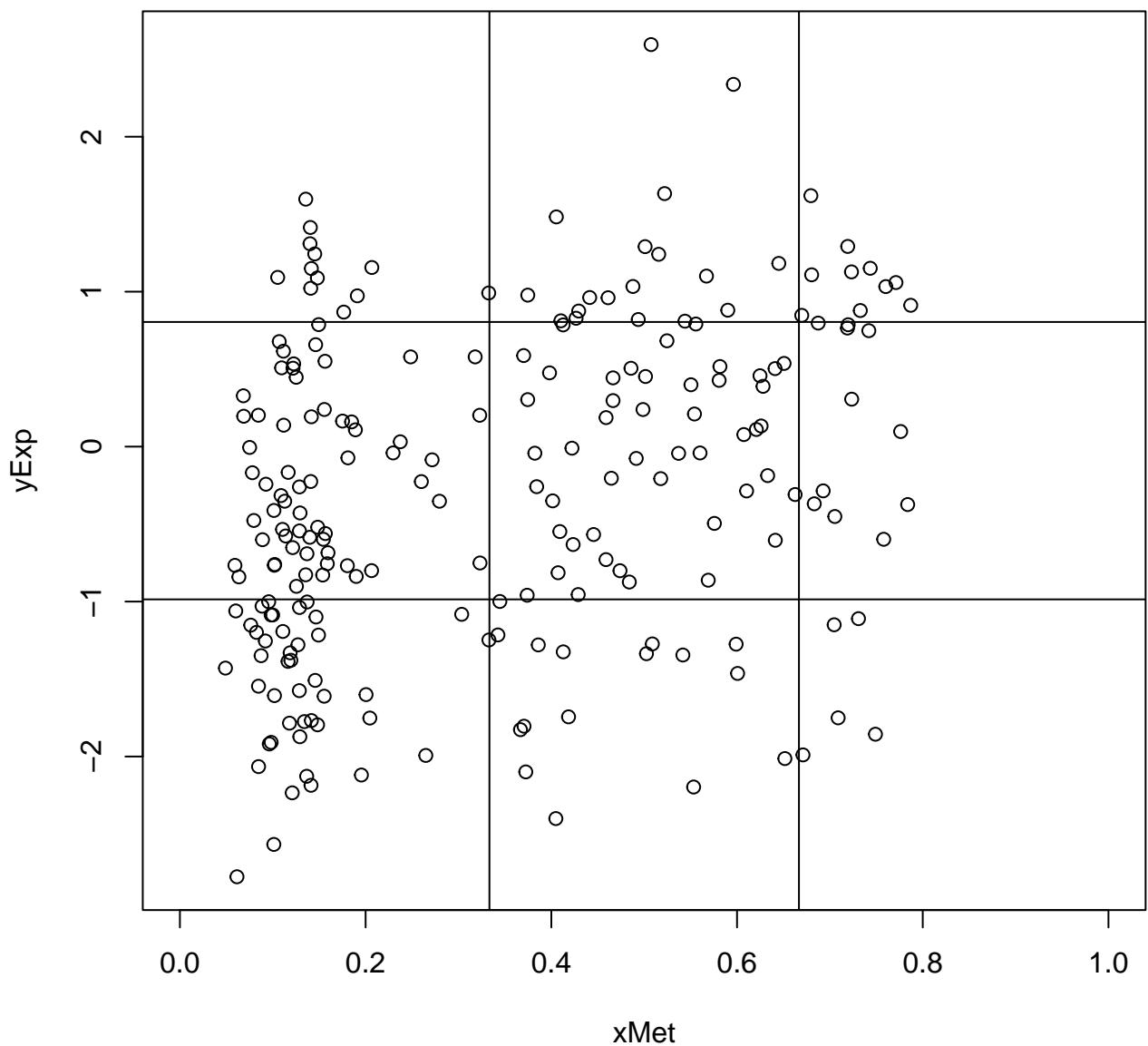
PART1, 199



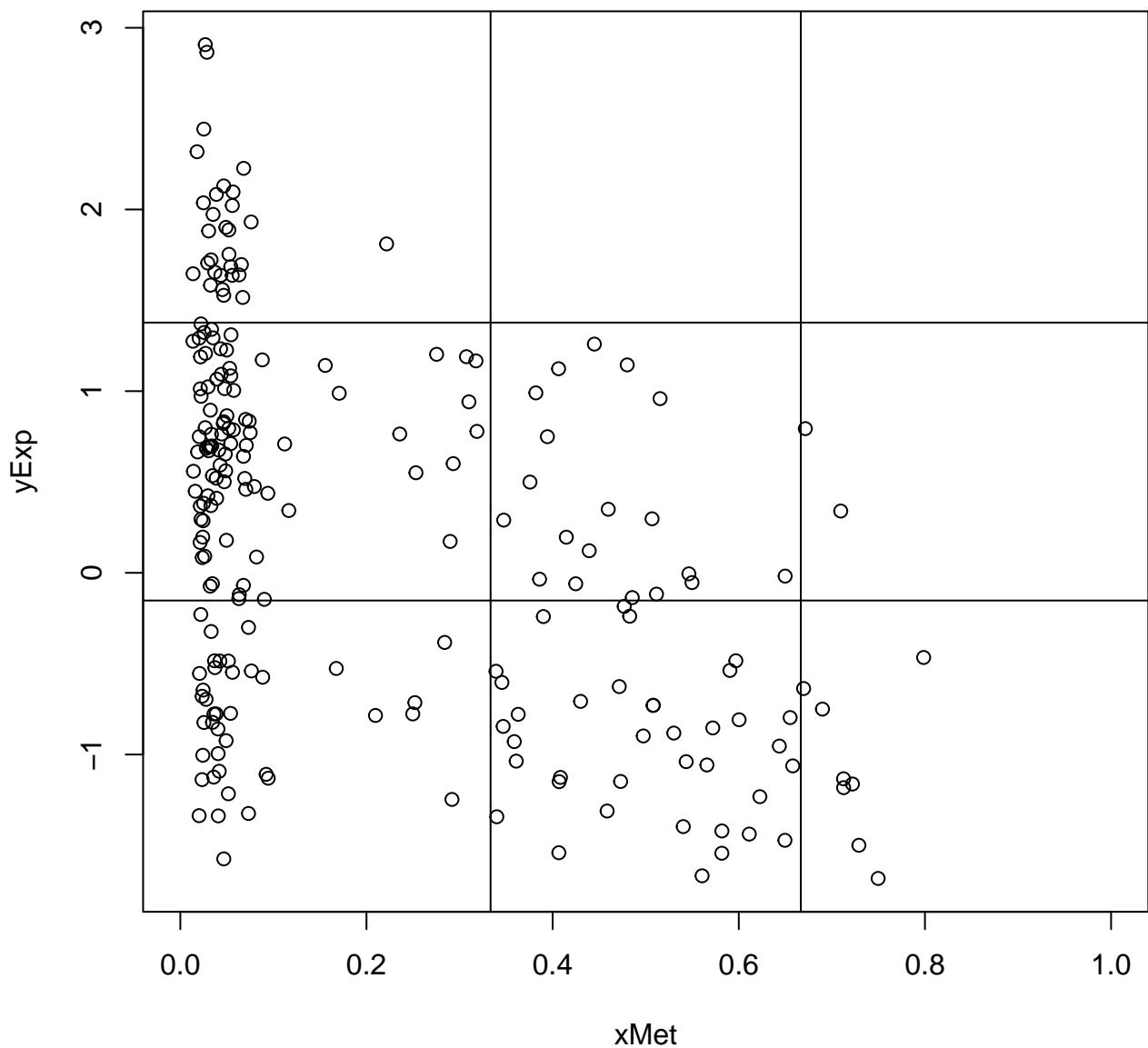
PAX6, 225



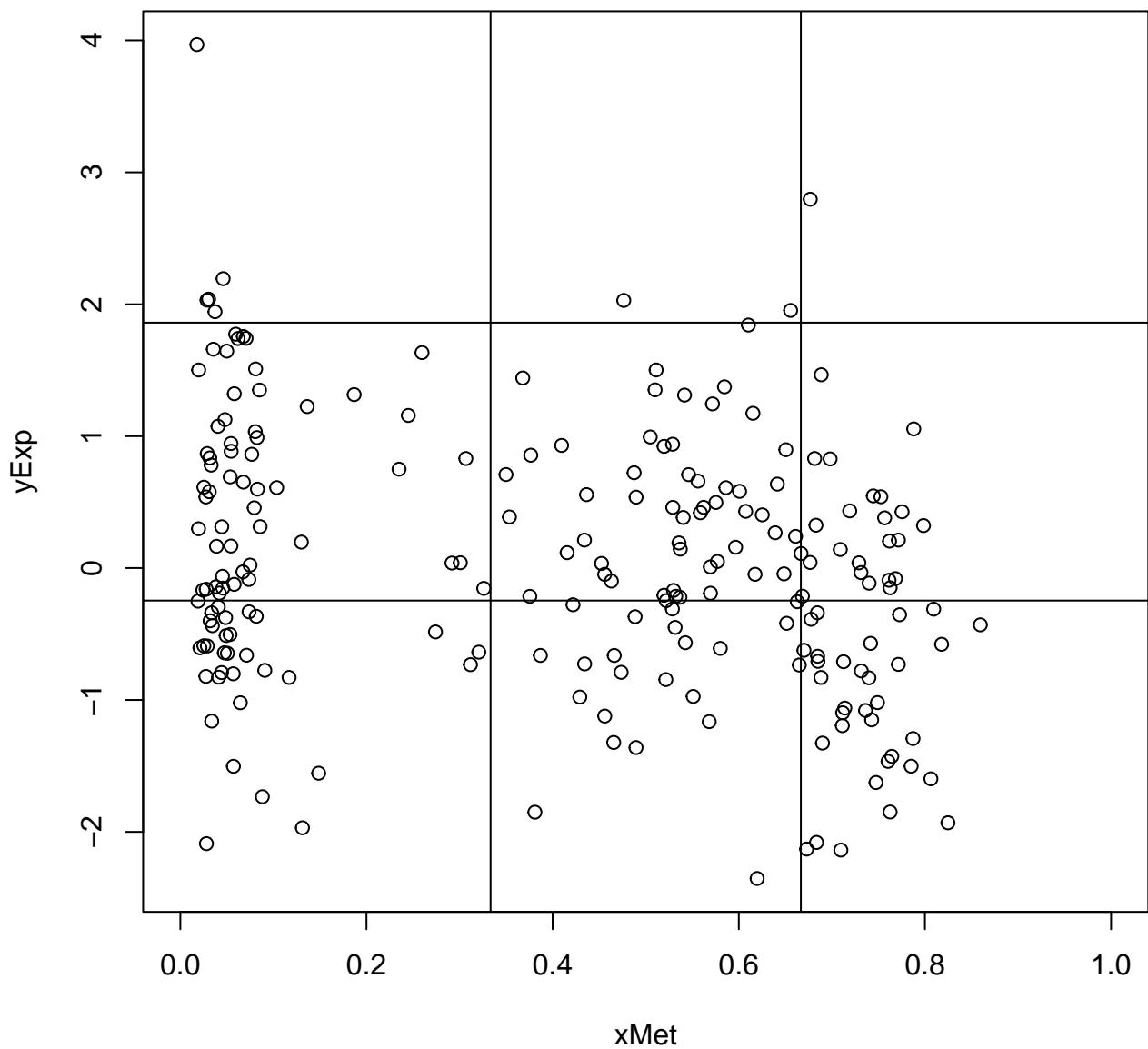
PAX9, -350



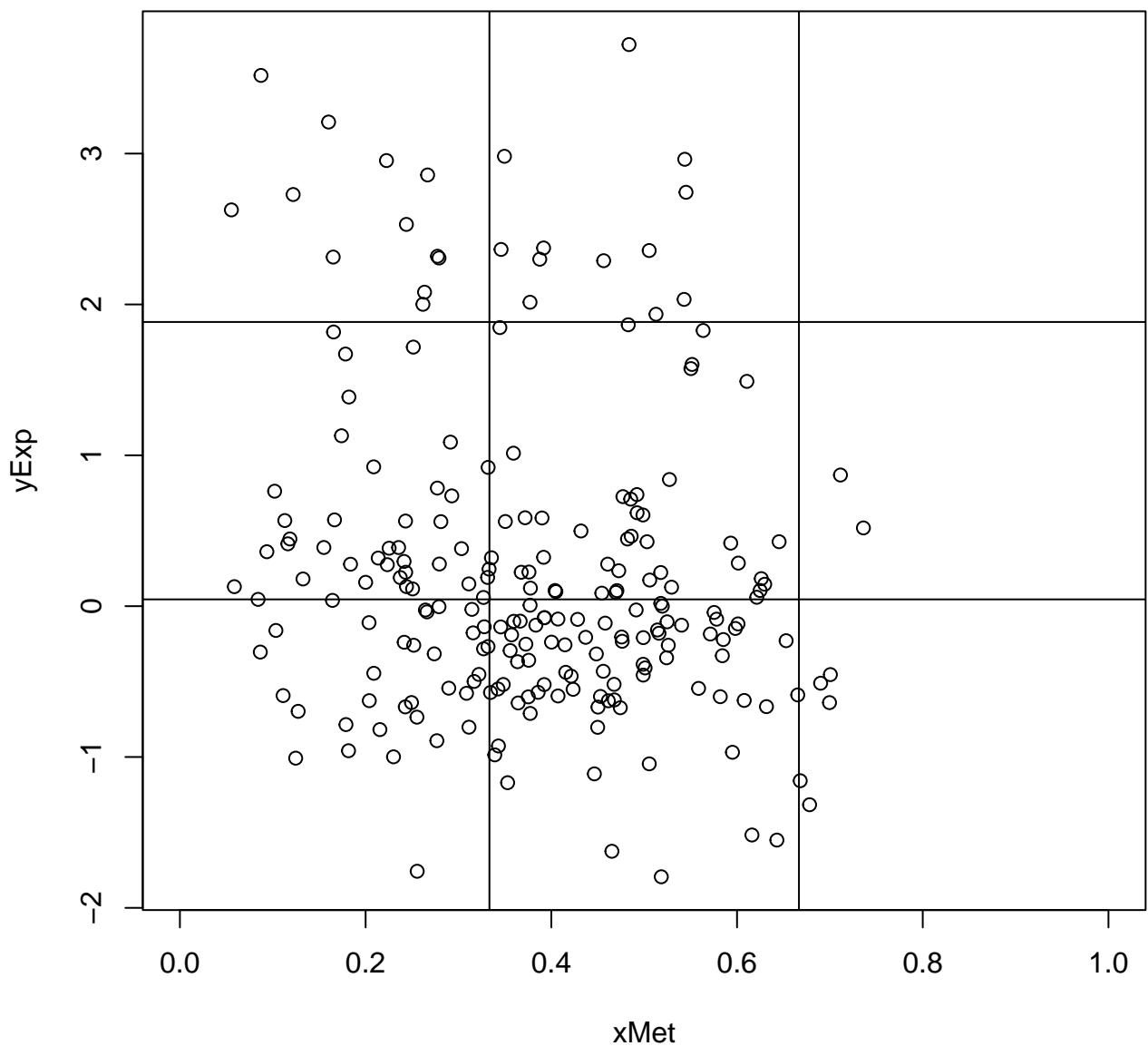
PCDH20, 236



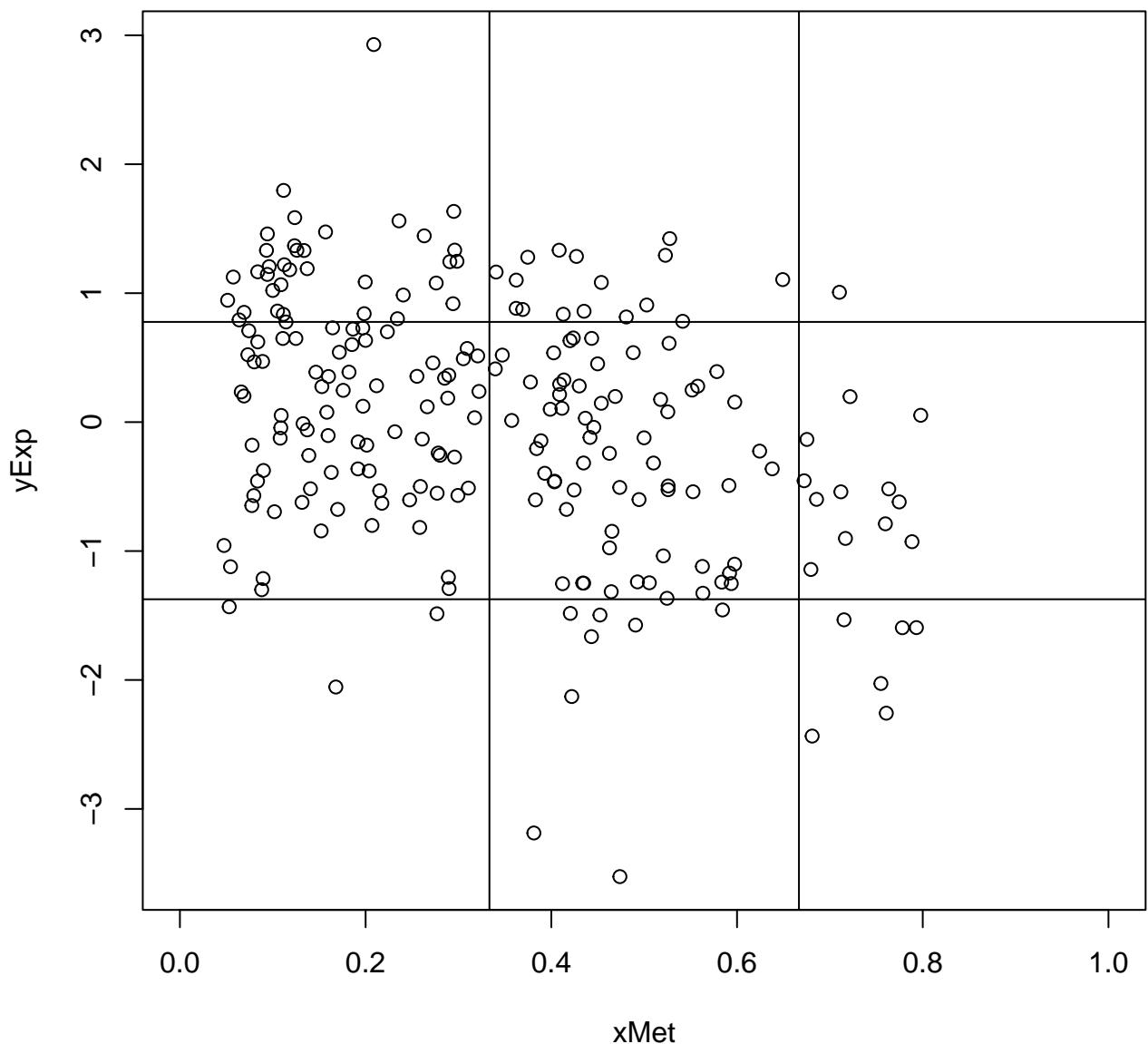
PCDH7, 89.4



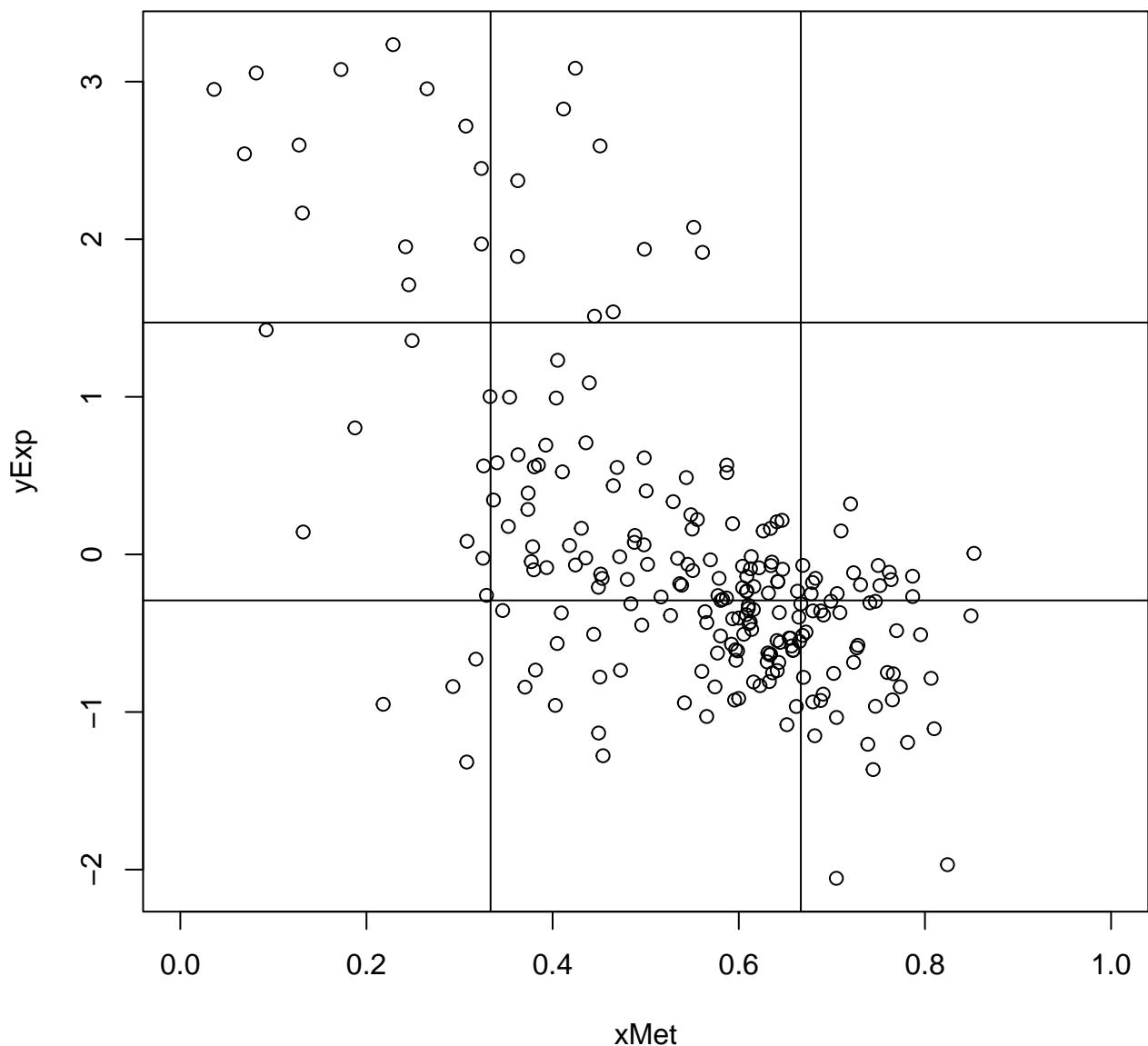
PCDH8, 156



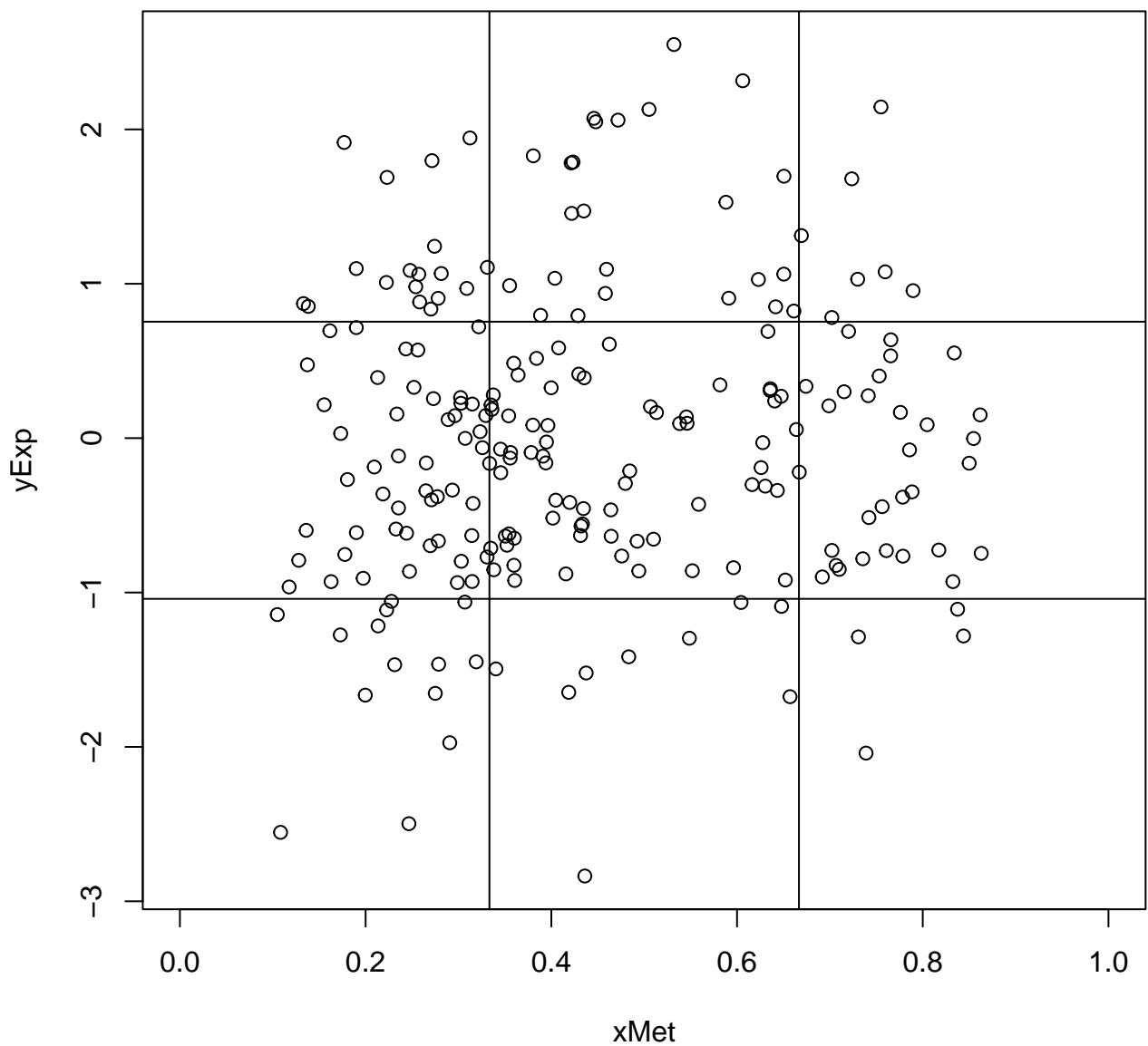
PCDHB14, 70.4



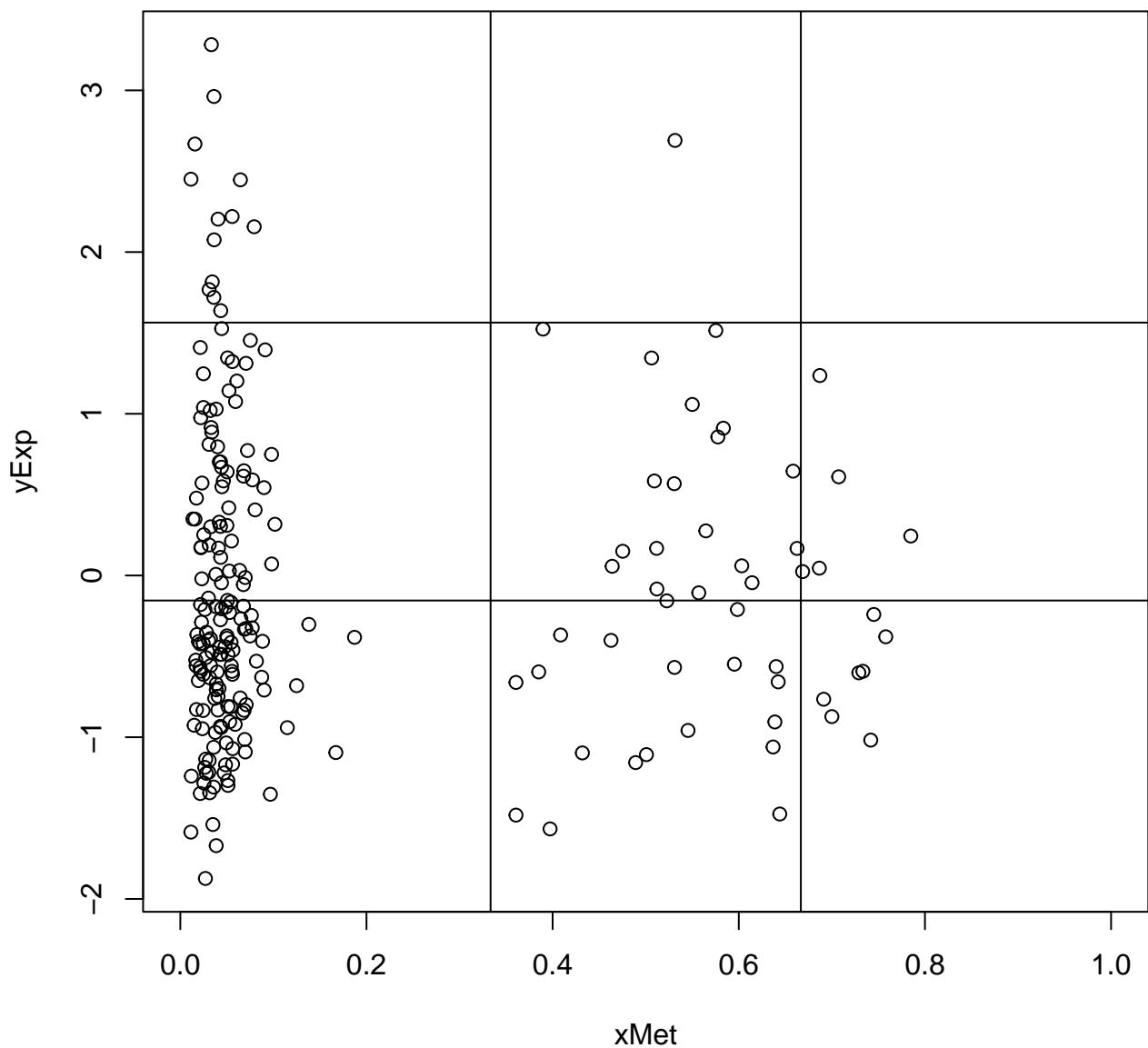
PCDHB2, 116



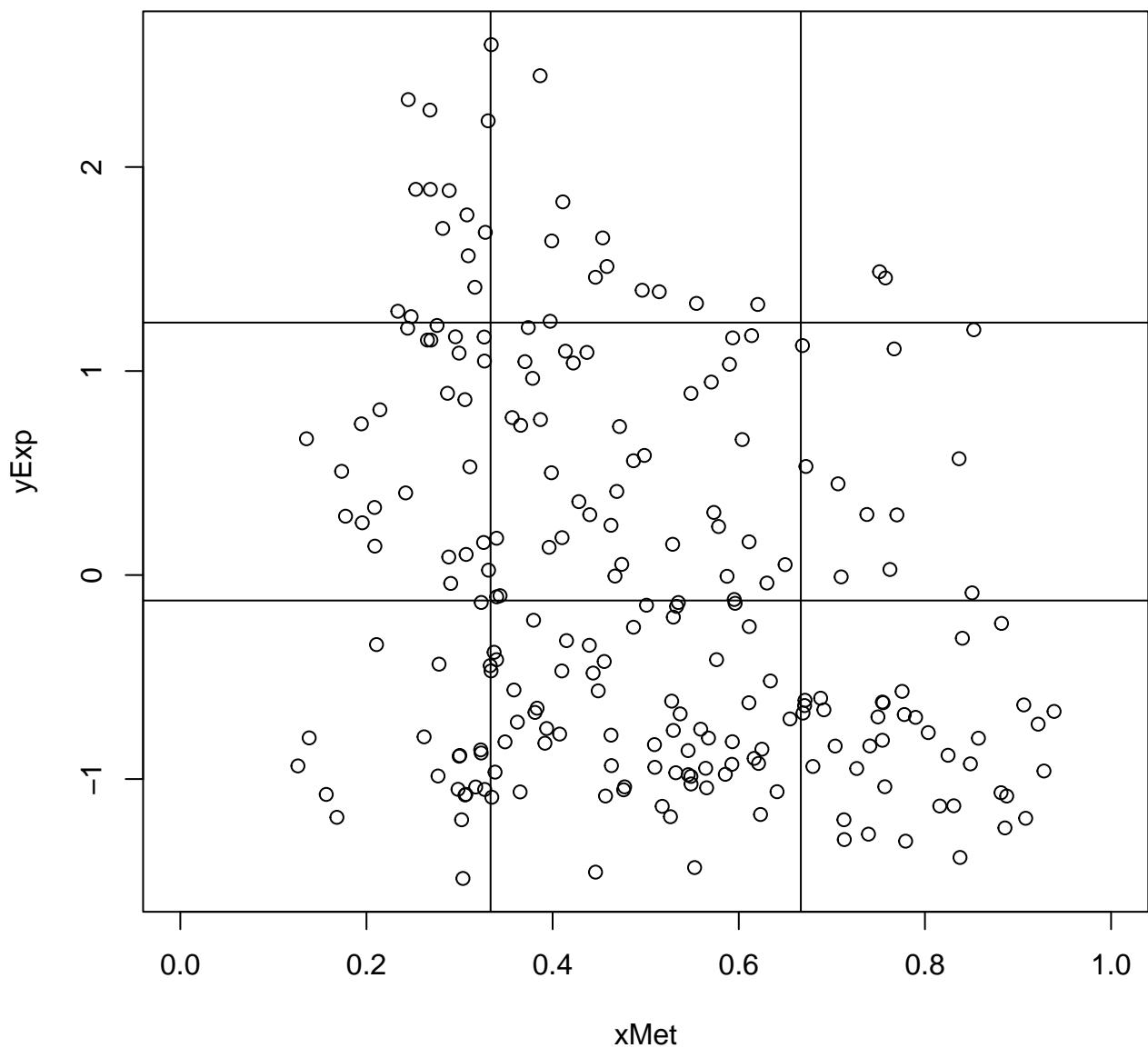
PCOLCE, -304.2



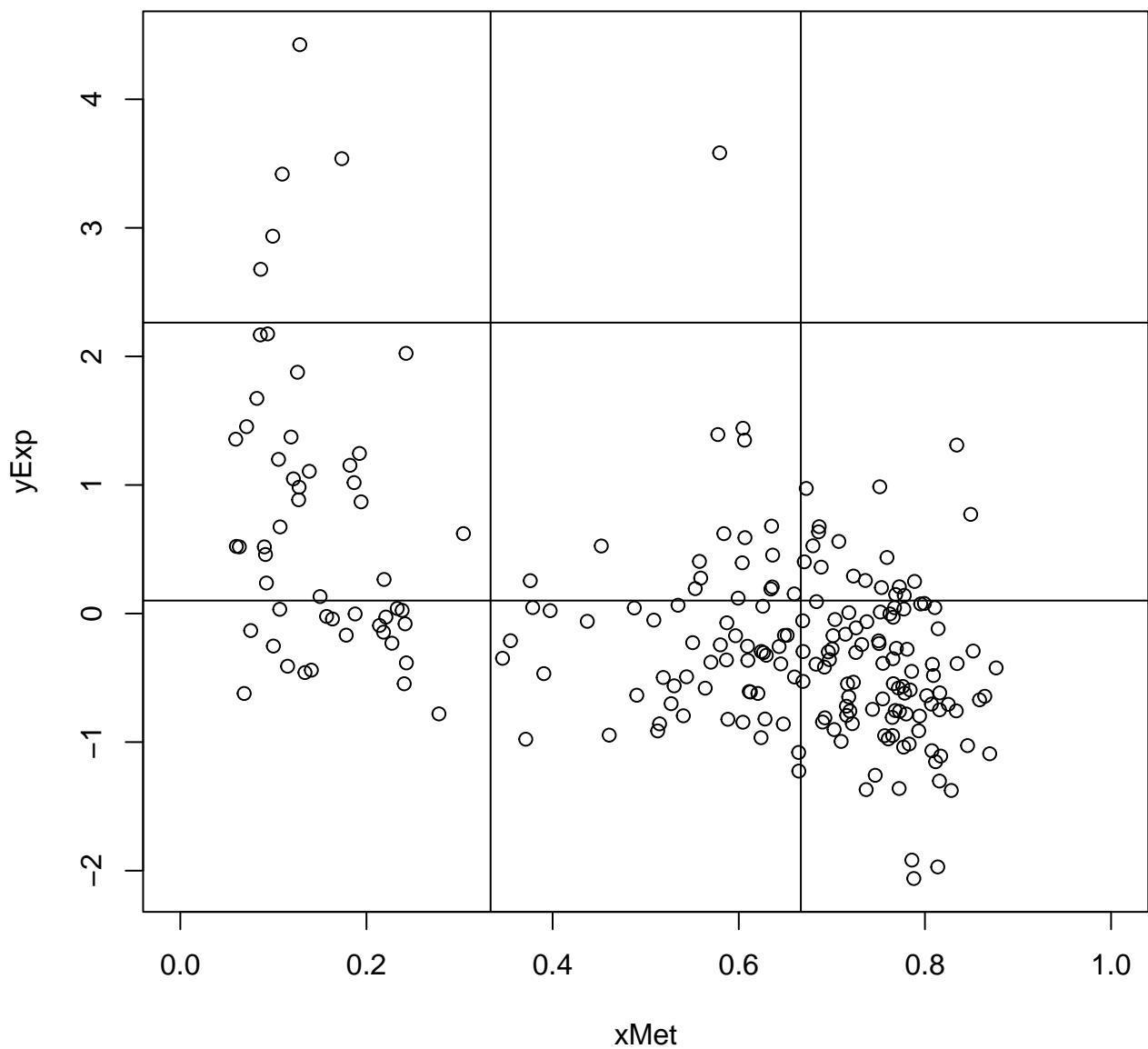
PCOLCE2, 207



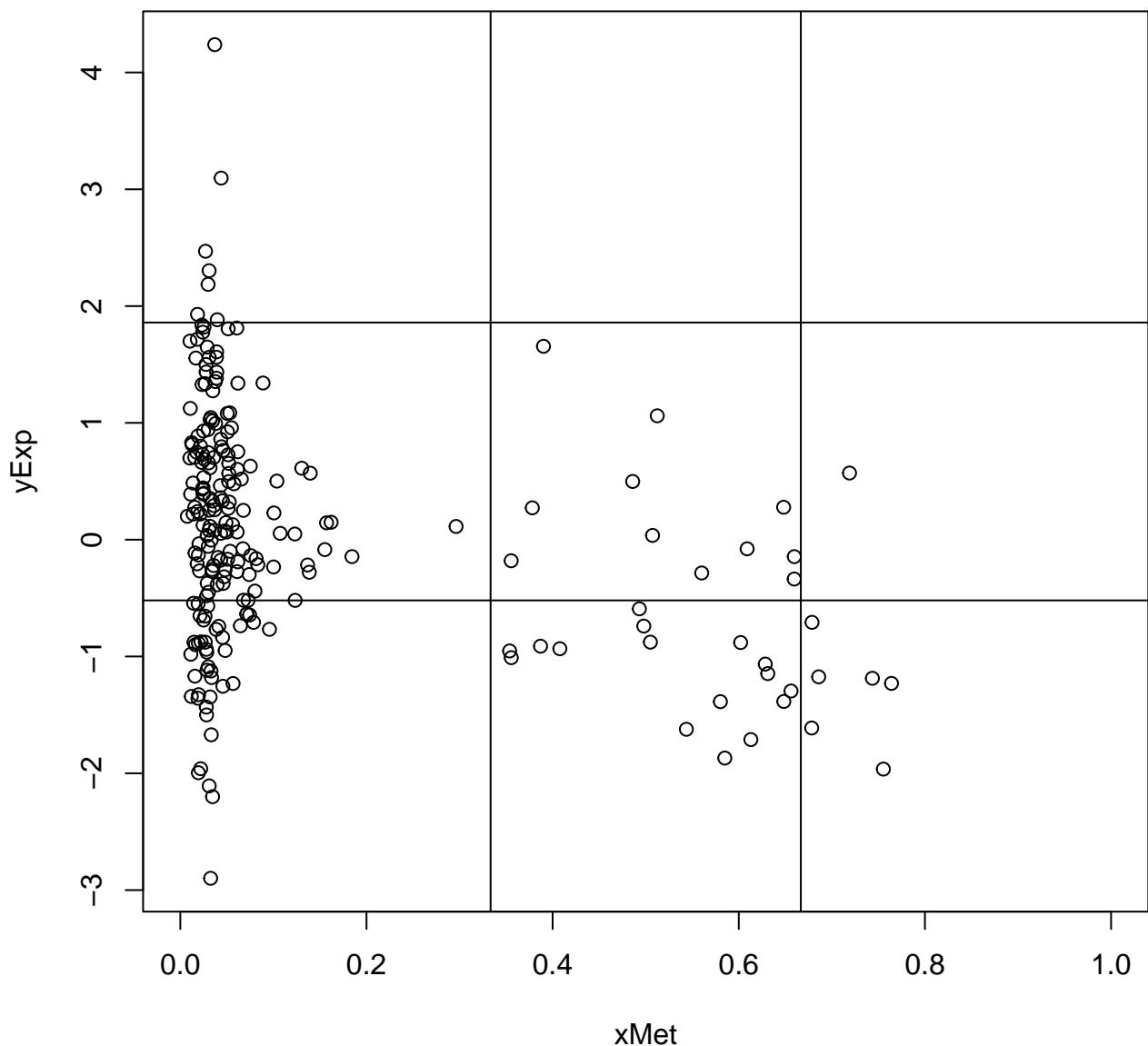
PCP4, 75.8



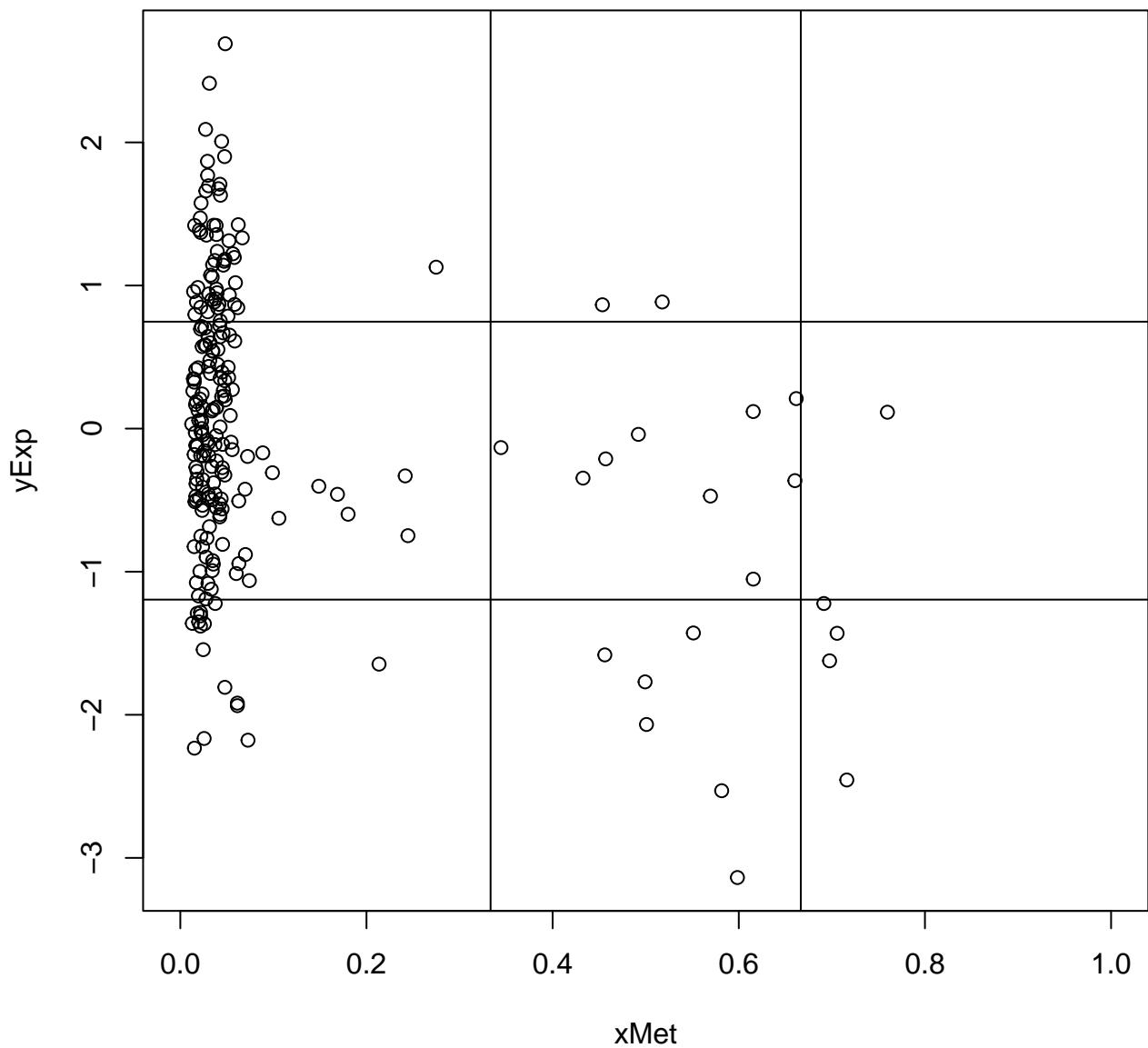
PDE10A, 242



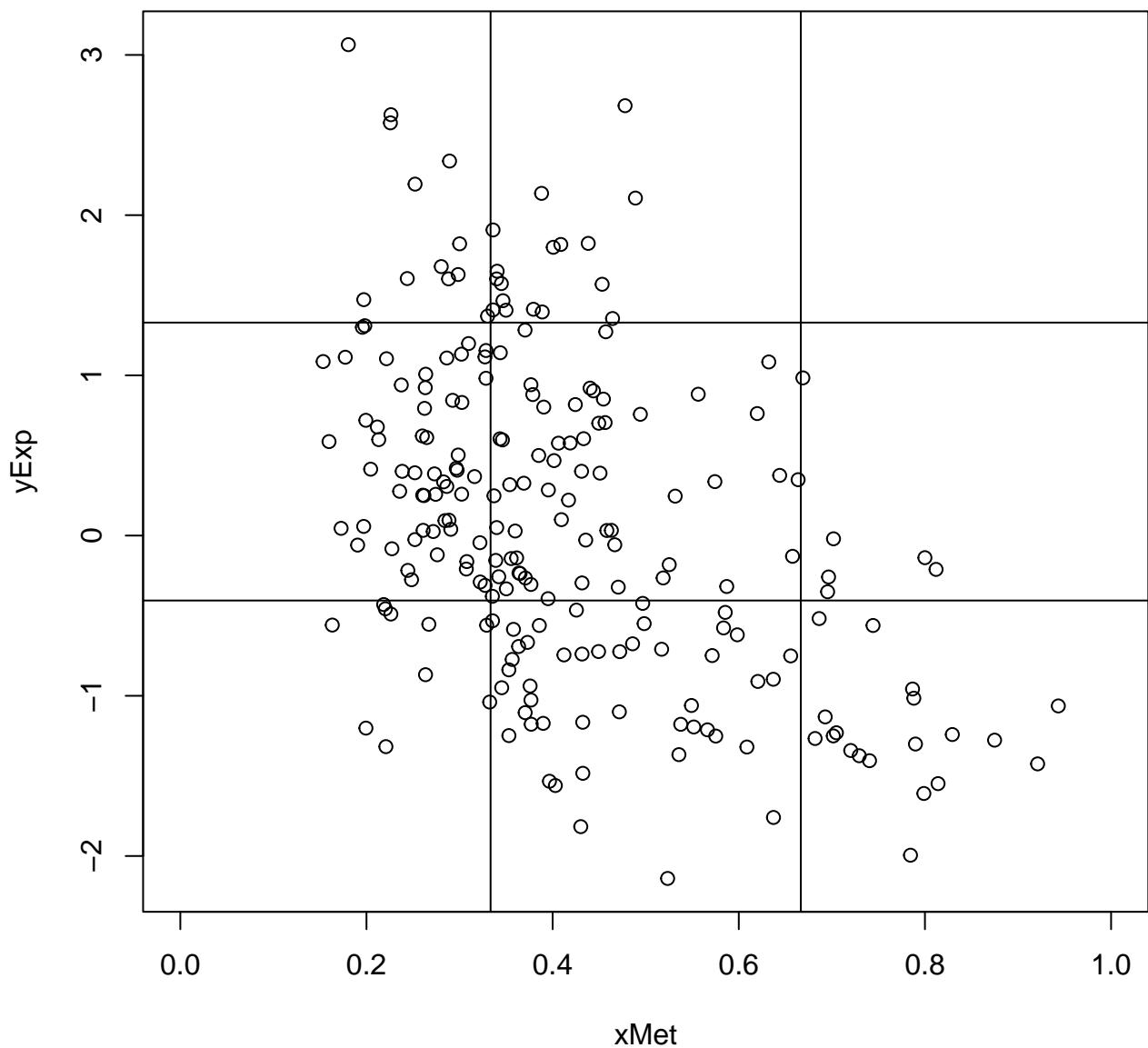
PDE3A, 222



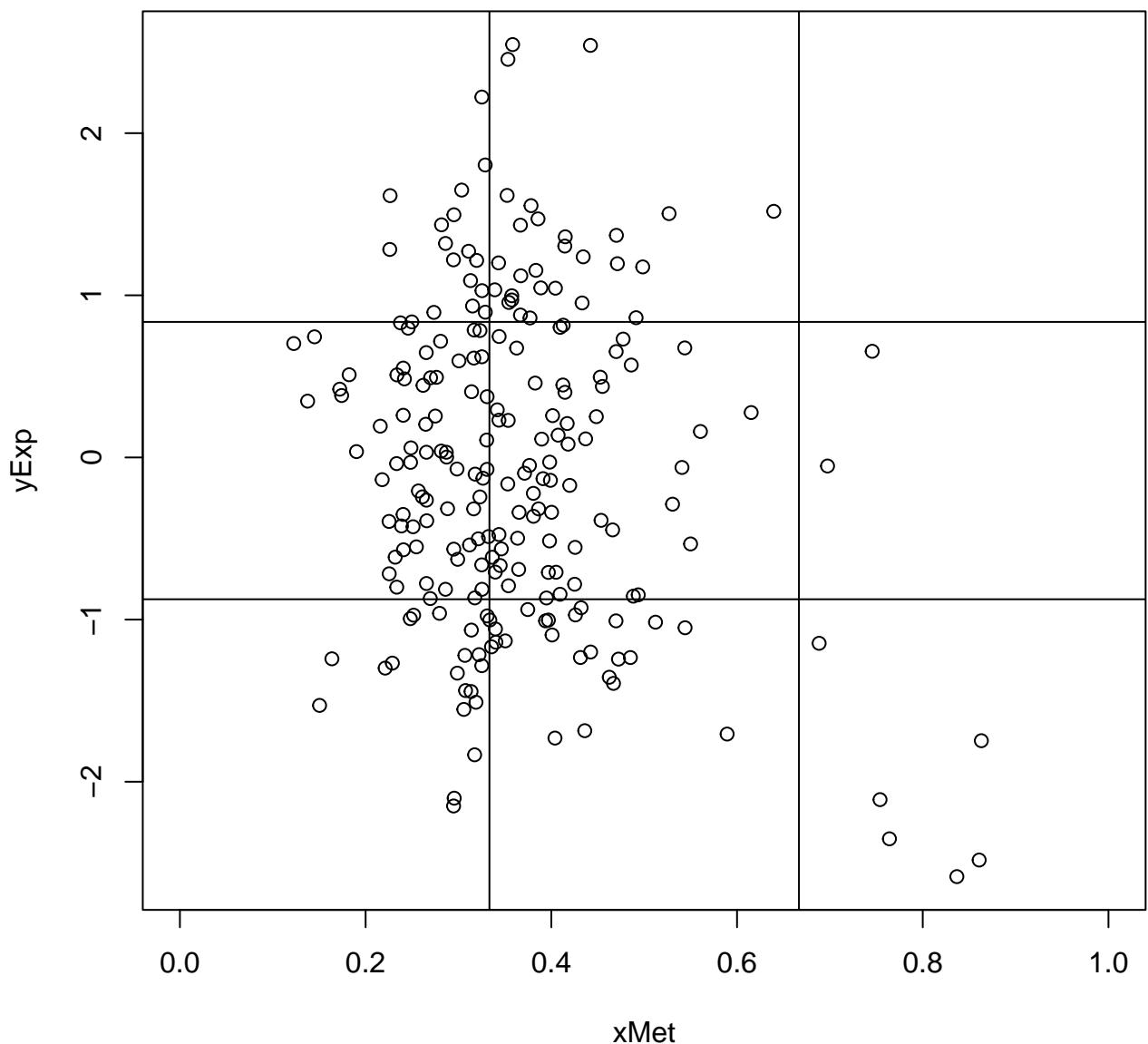
PDZD2, 264



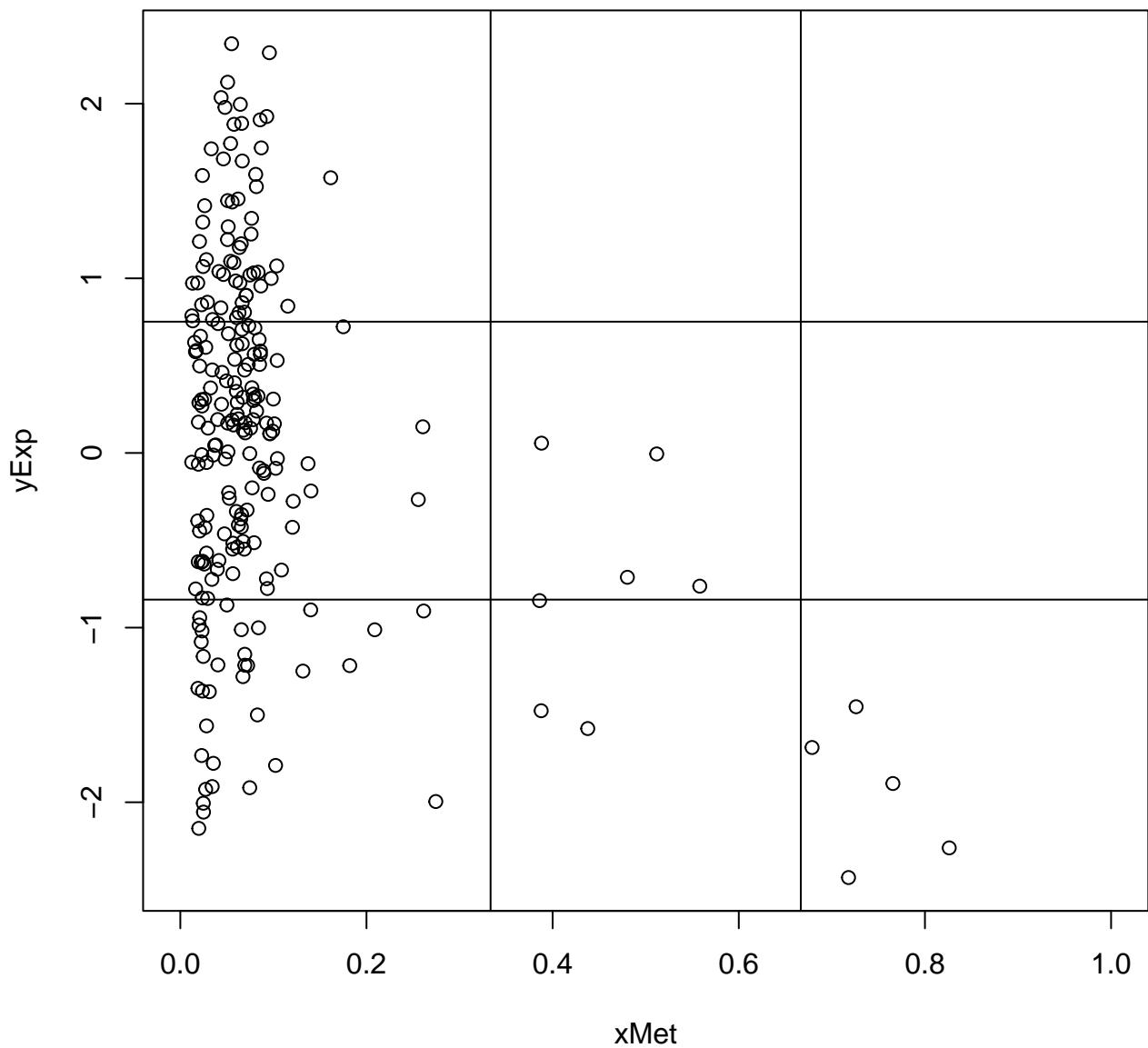
PDZK1, 127



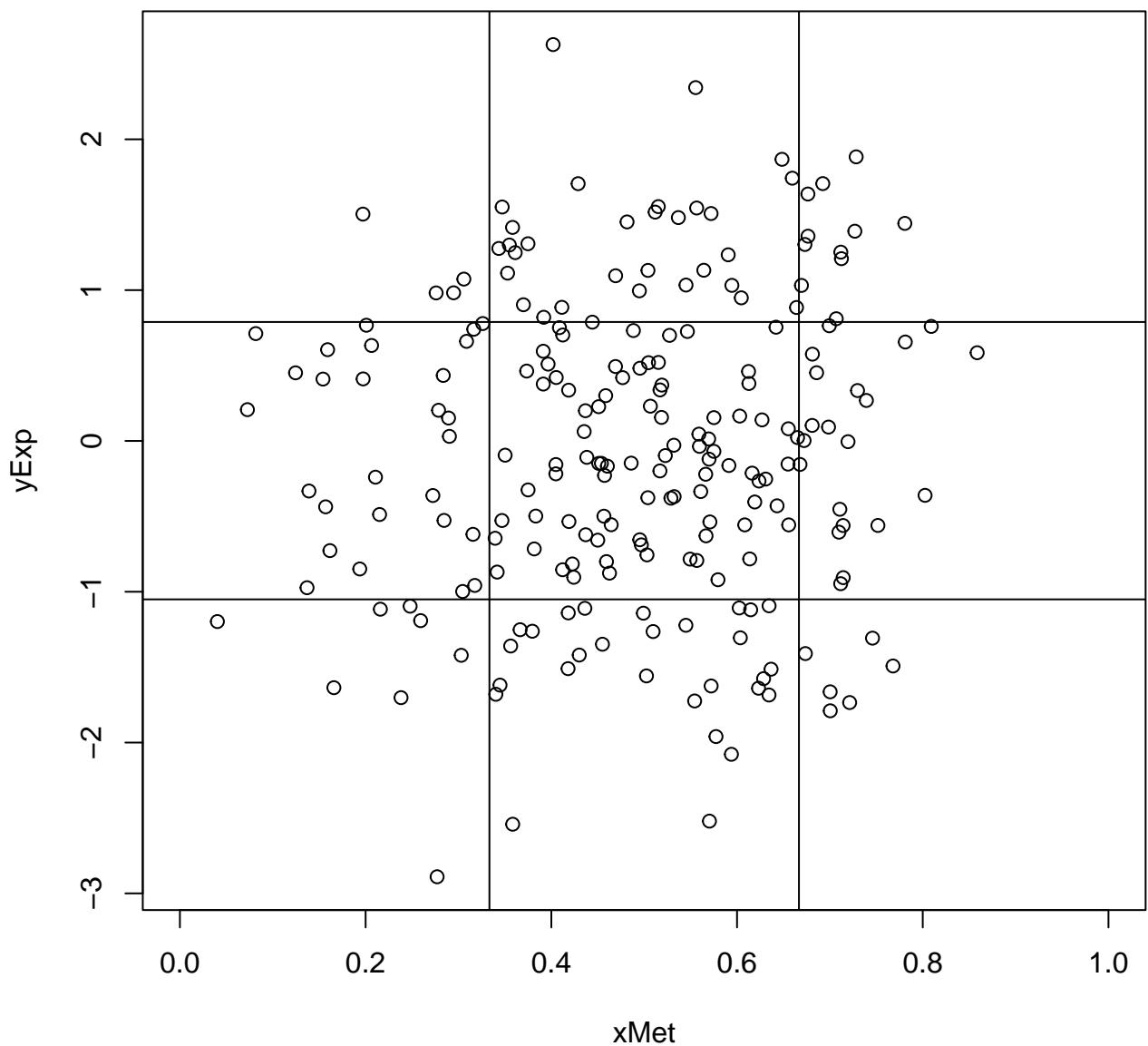
PDZK1IP1, 97



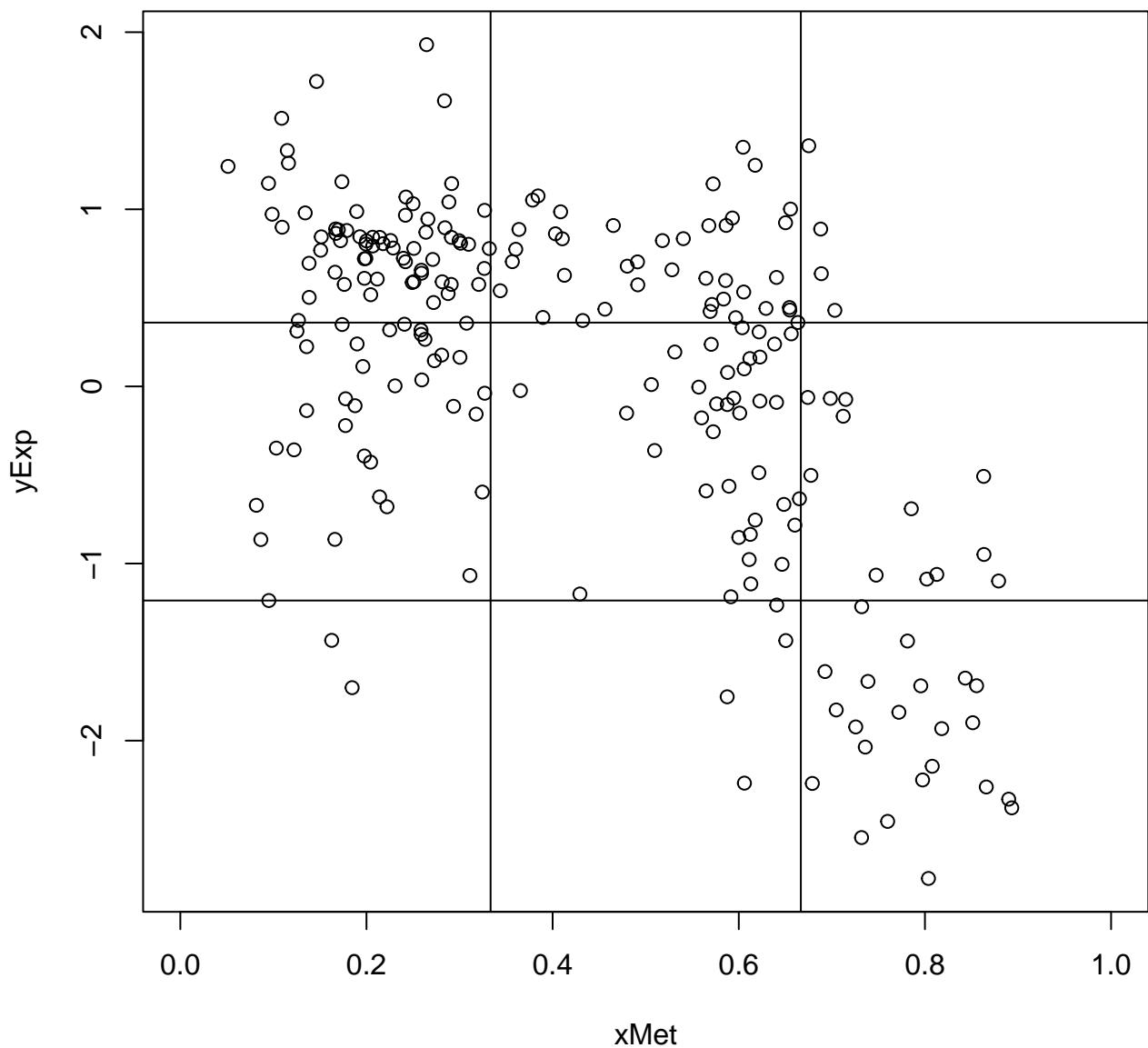
PELI2, 284



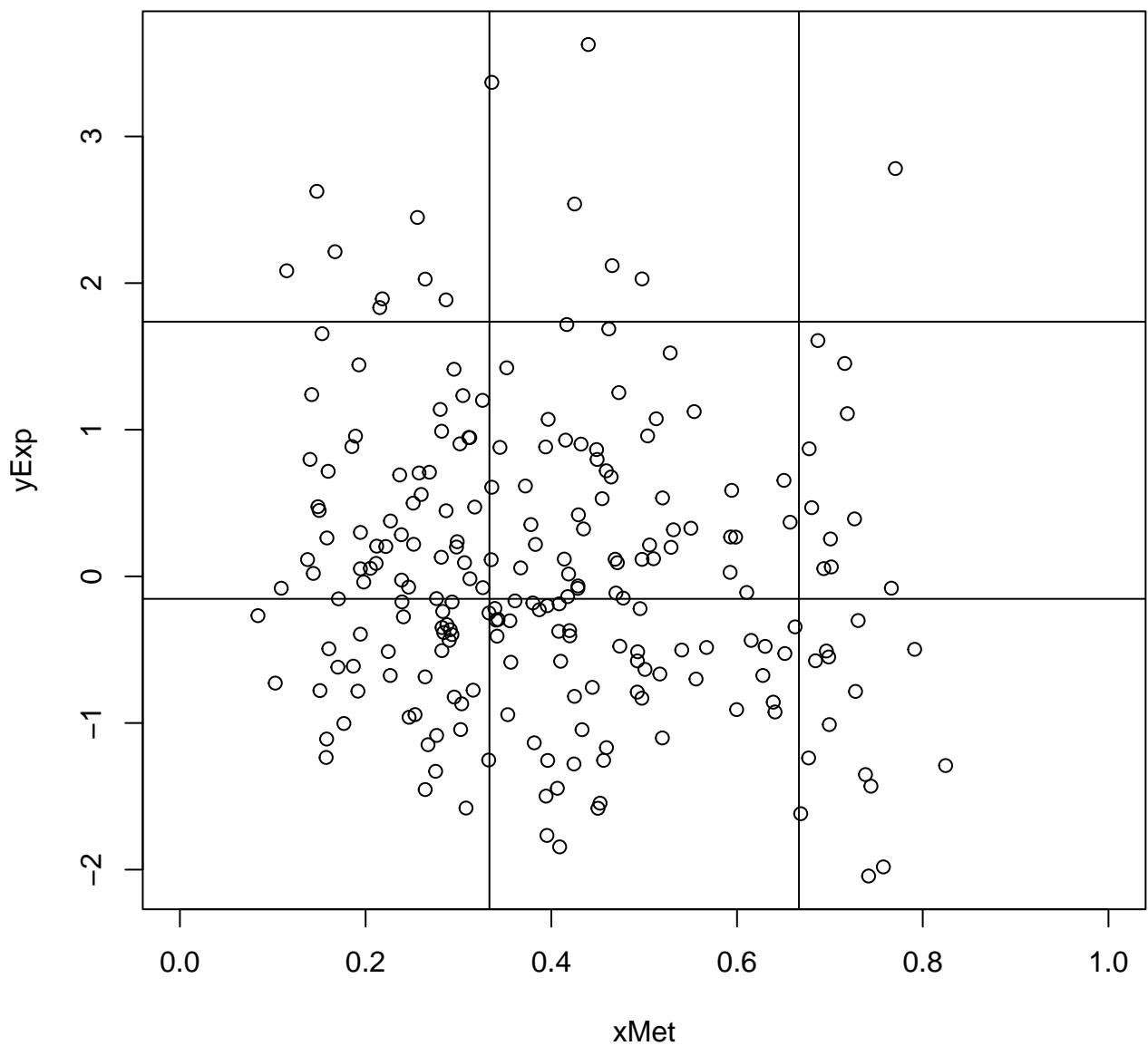
PEX5L, -507.6



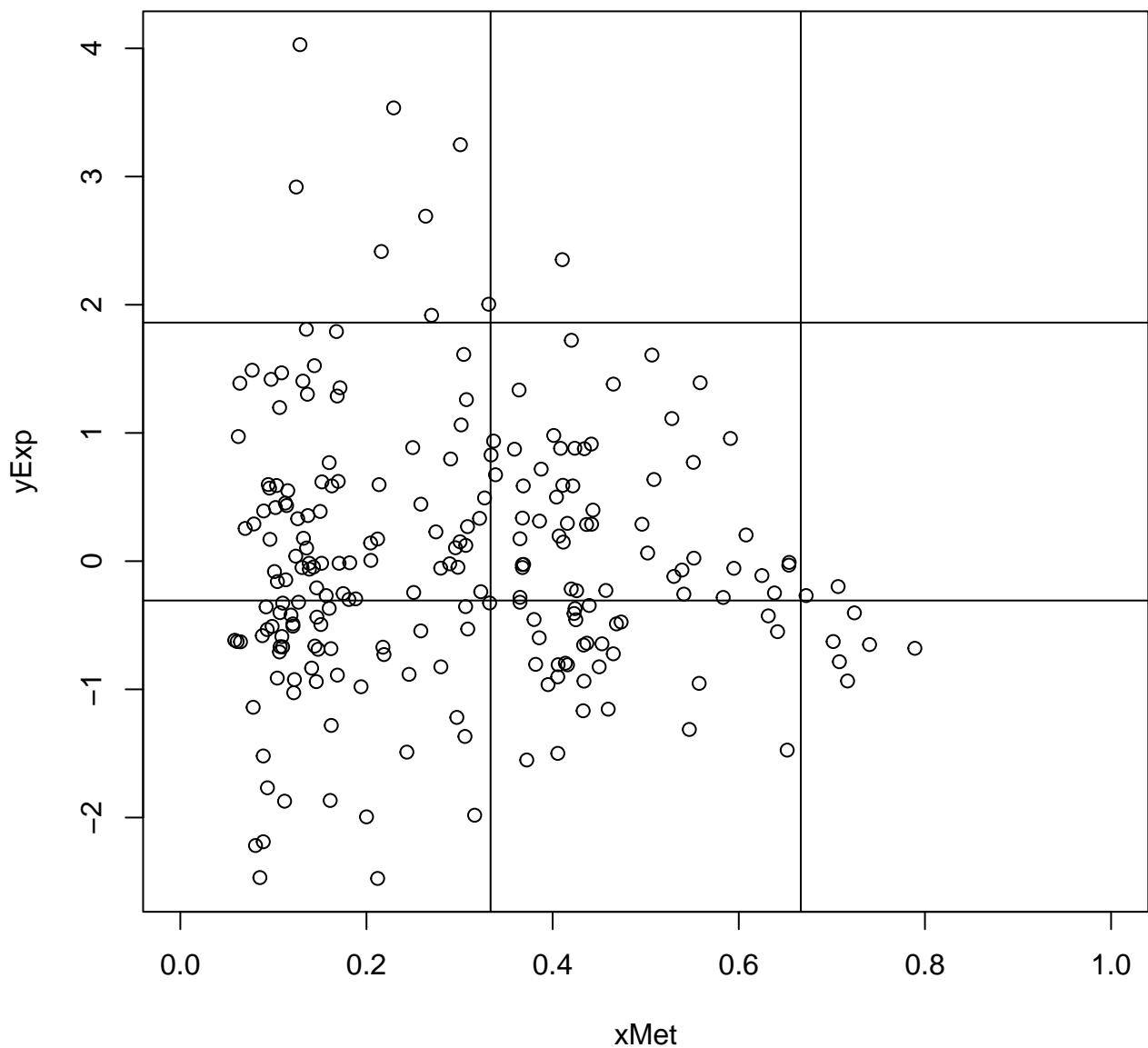
PF4, -63.4



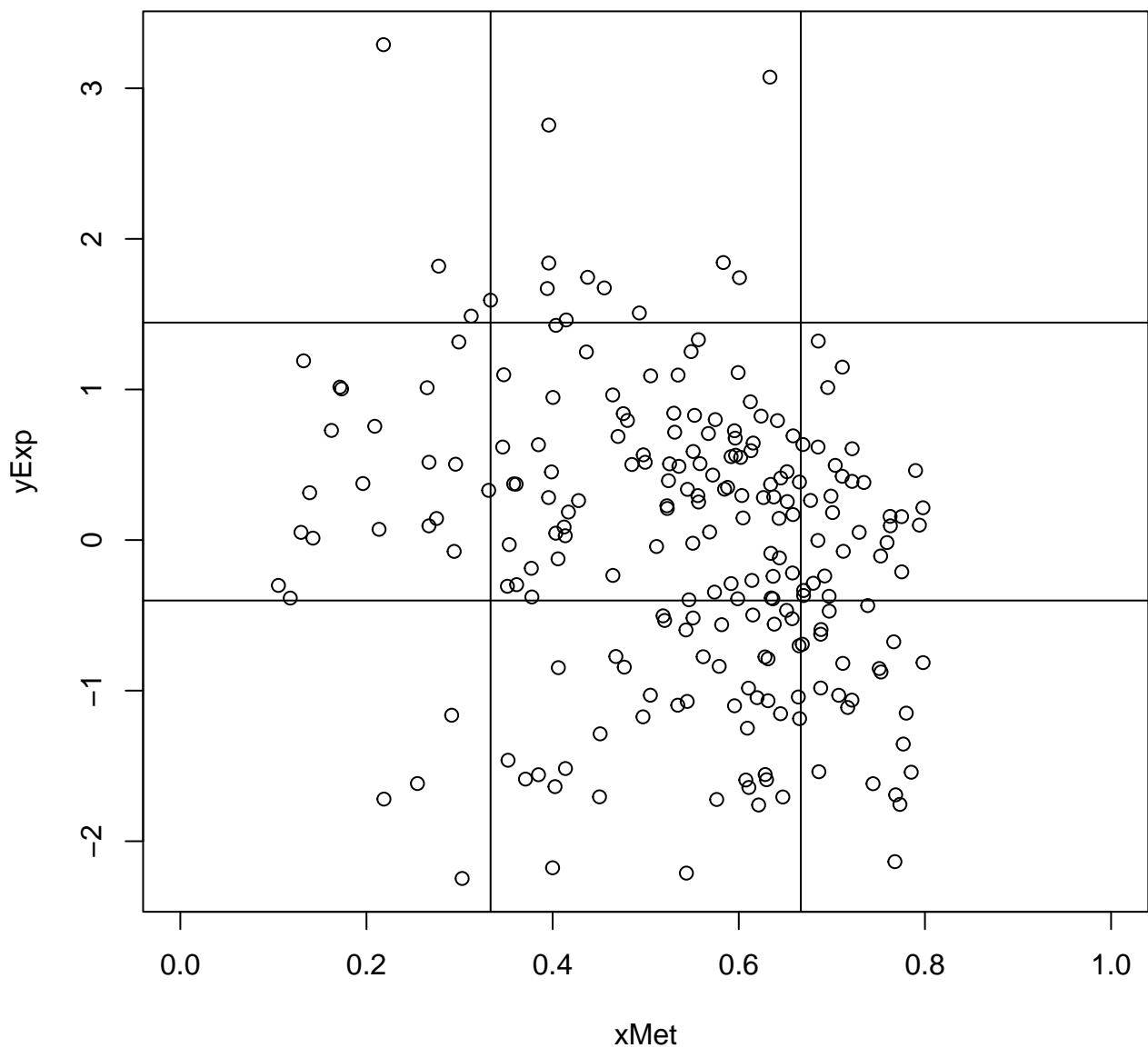
PF4V1, 105.4



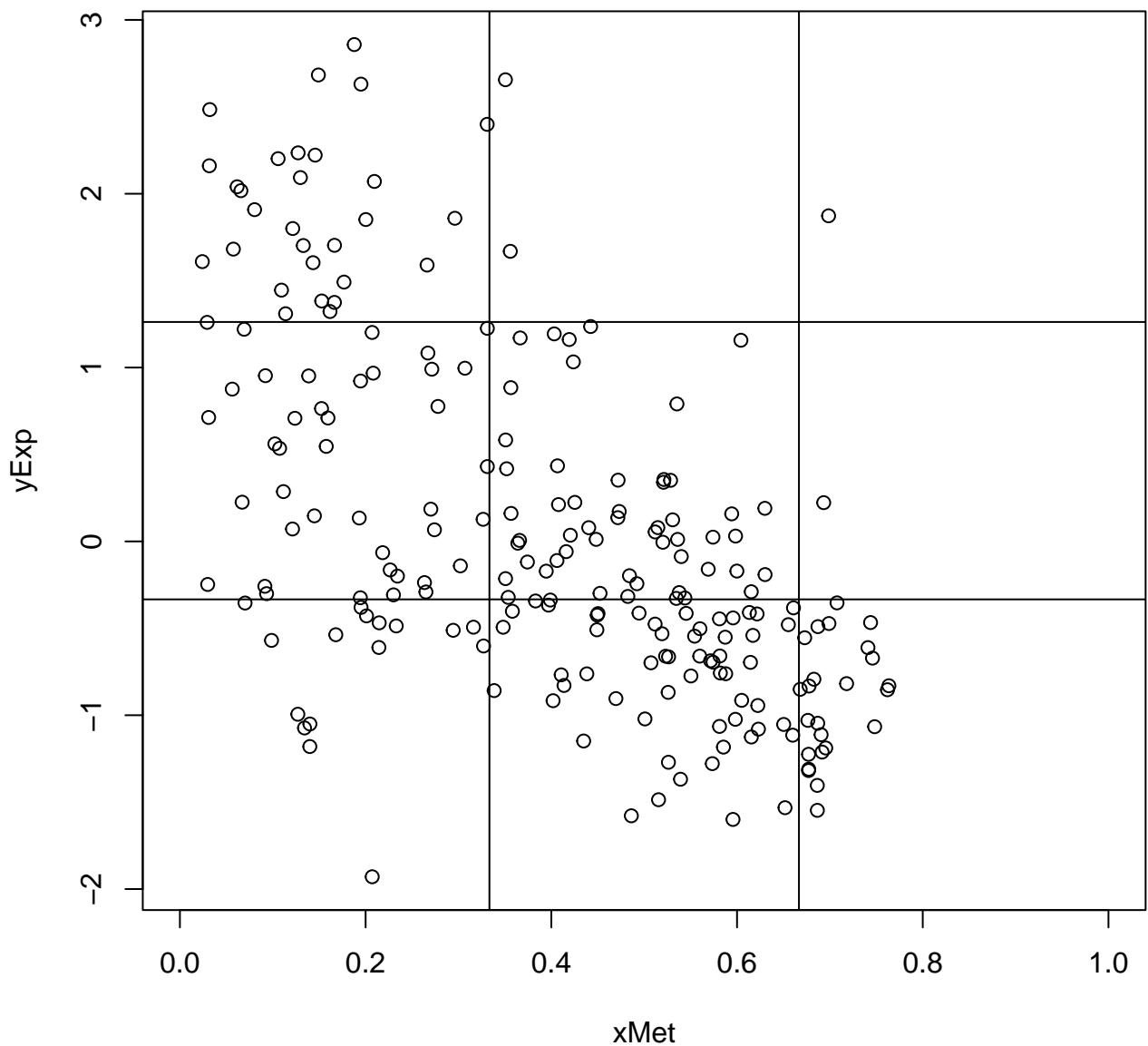
PHOX2B, 176



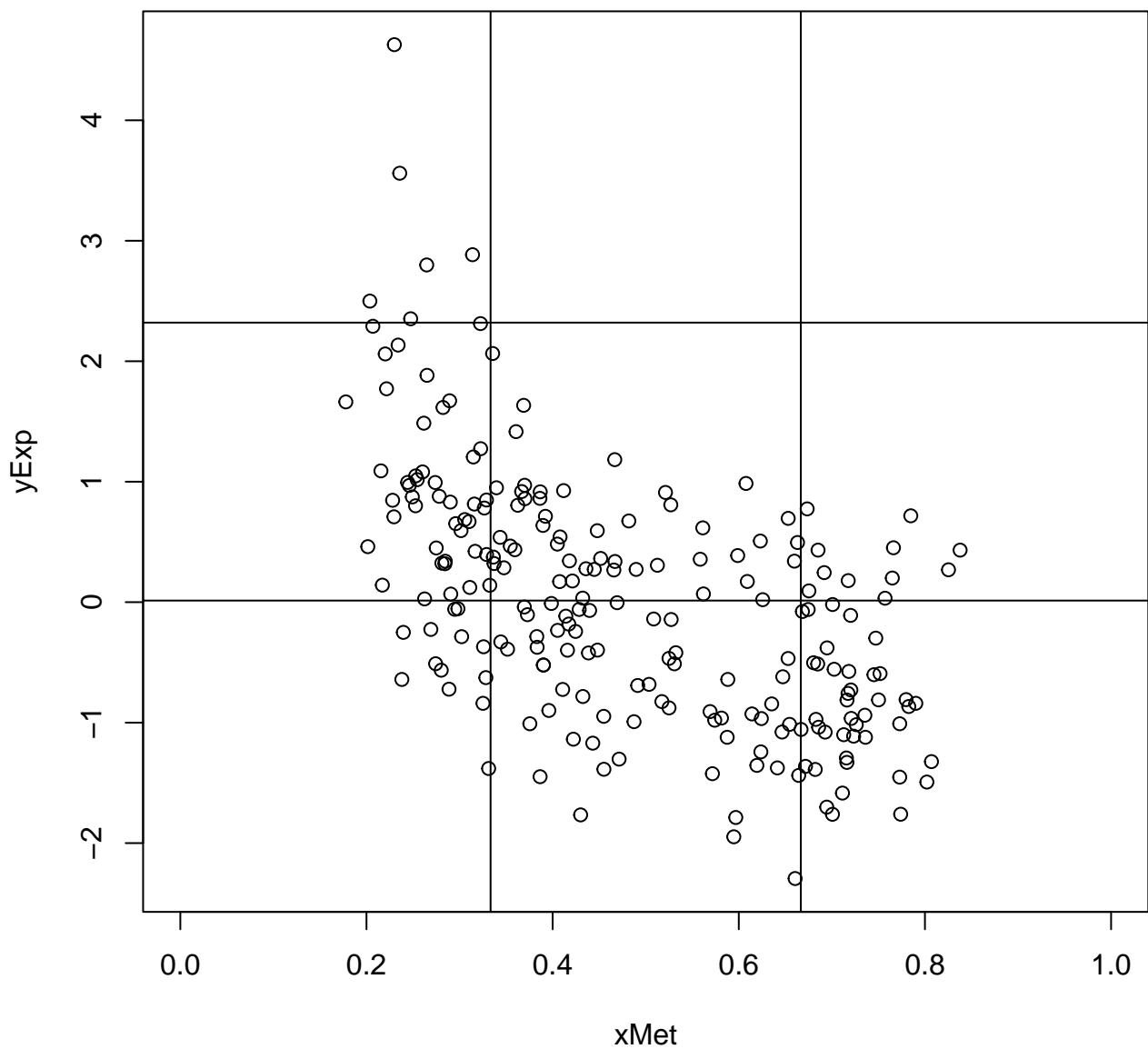
PIK3CG, 41



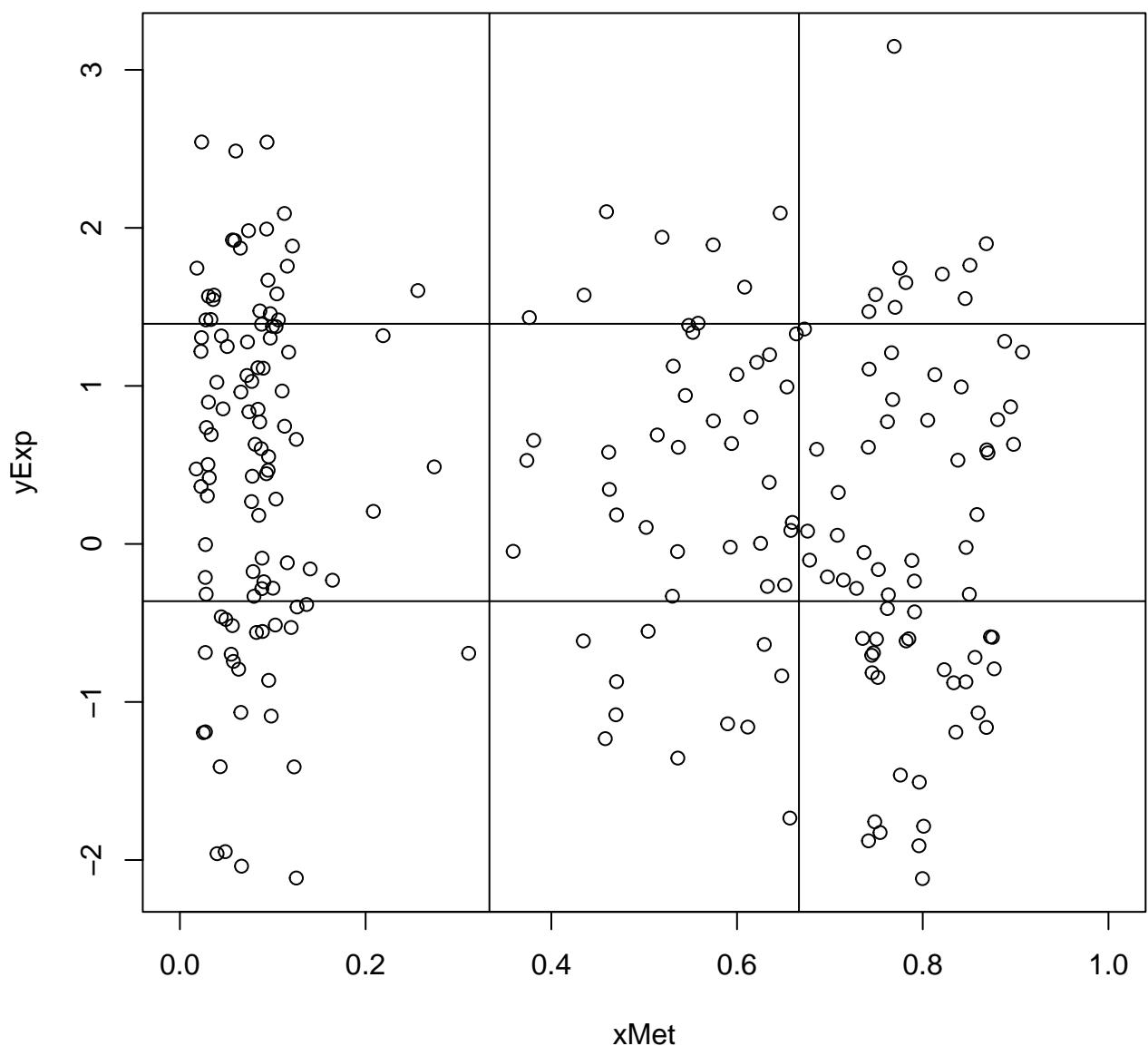
PKIA, 169.4



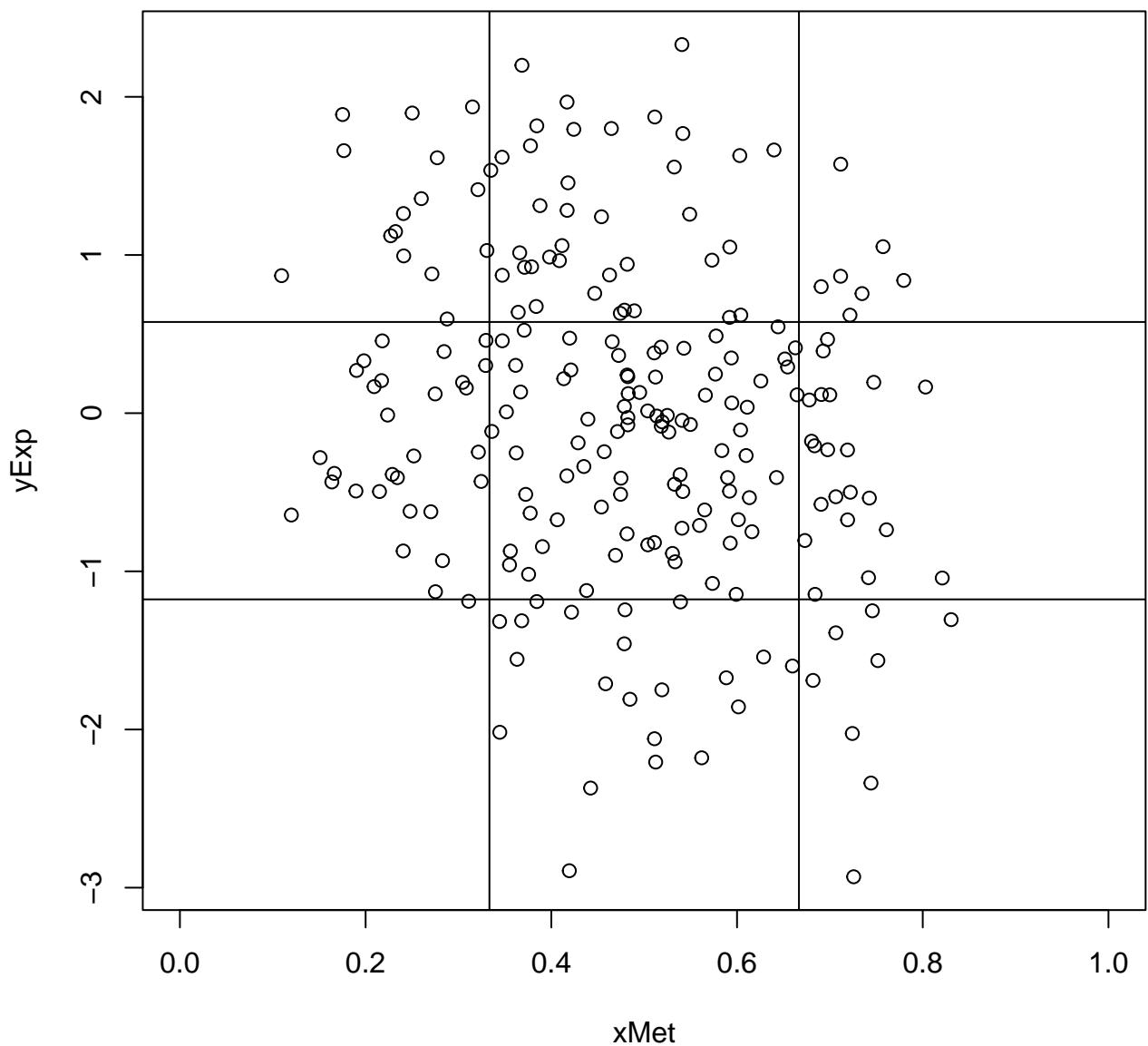
PKLR, 189



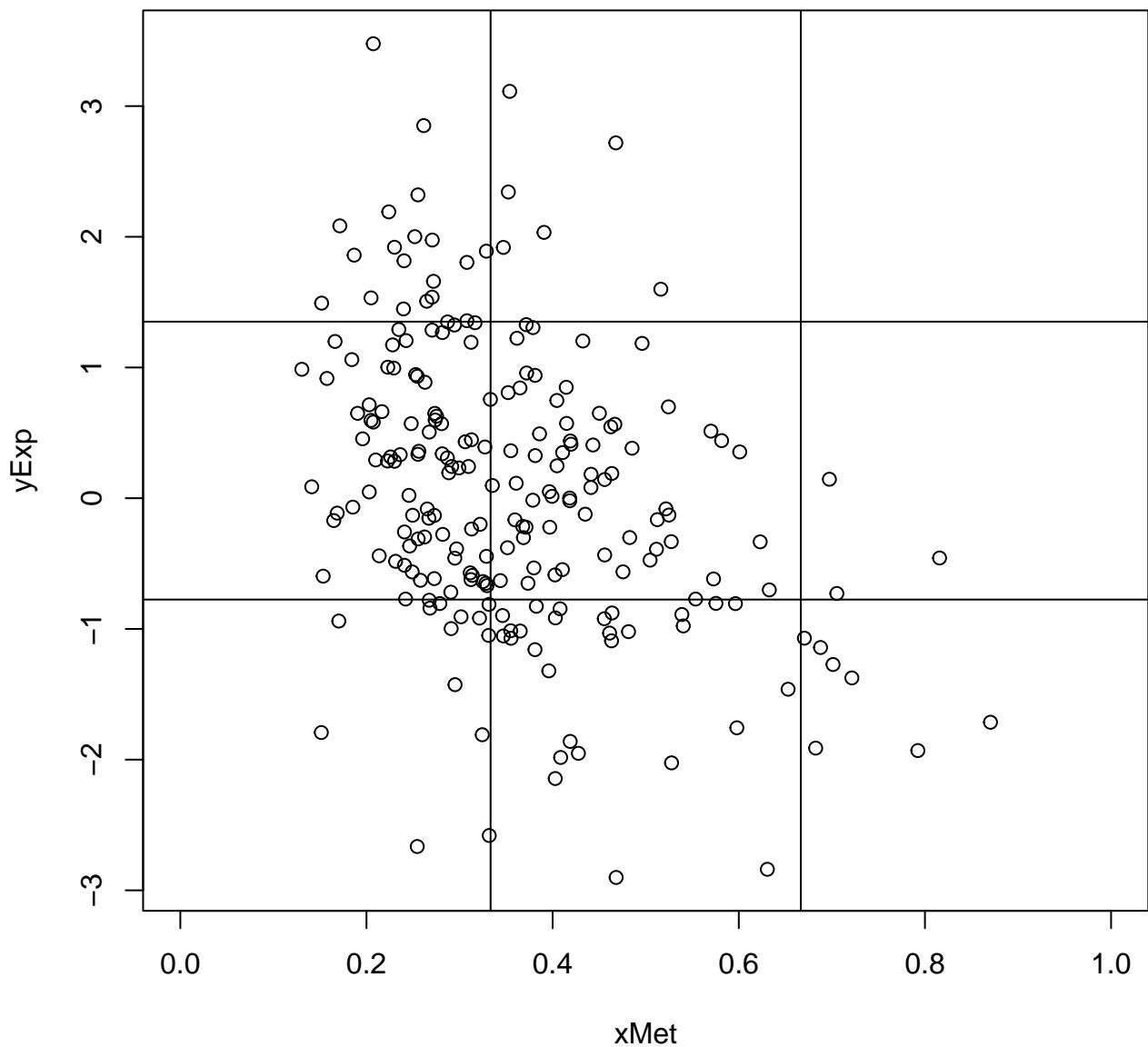
PLCB1, -335



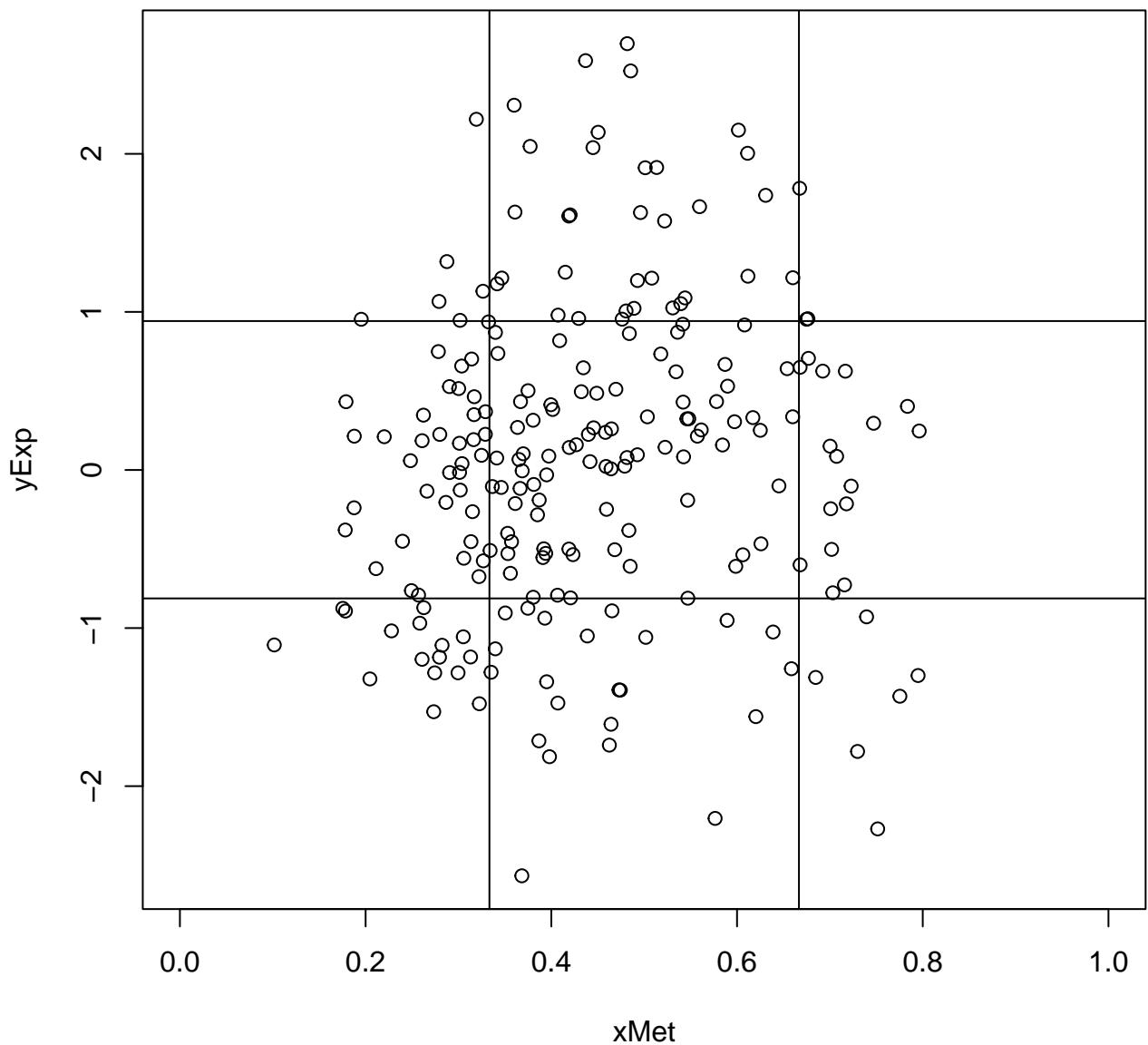
PLCD1, -334.2



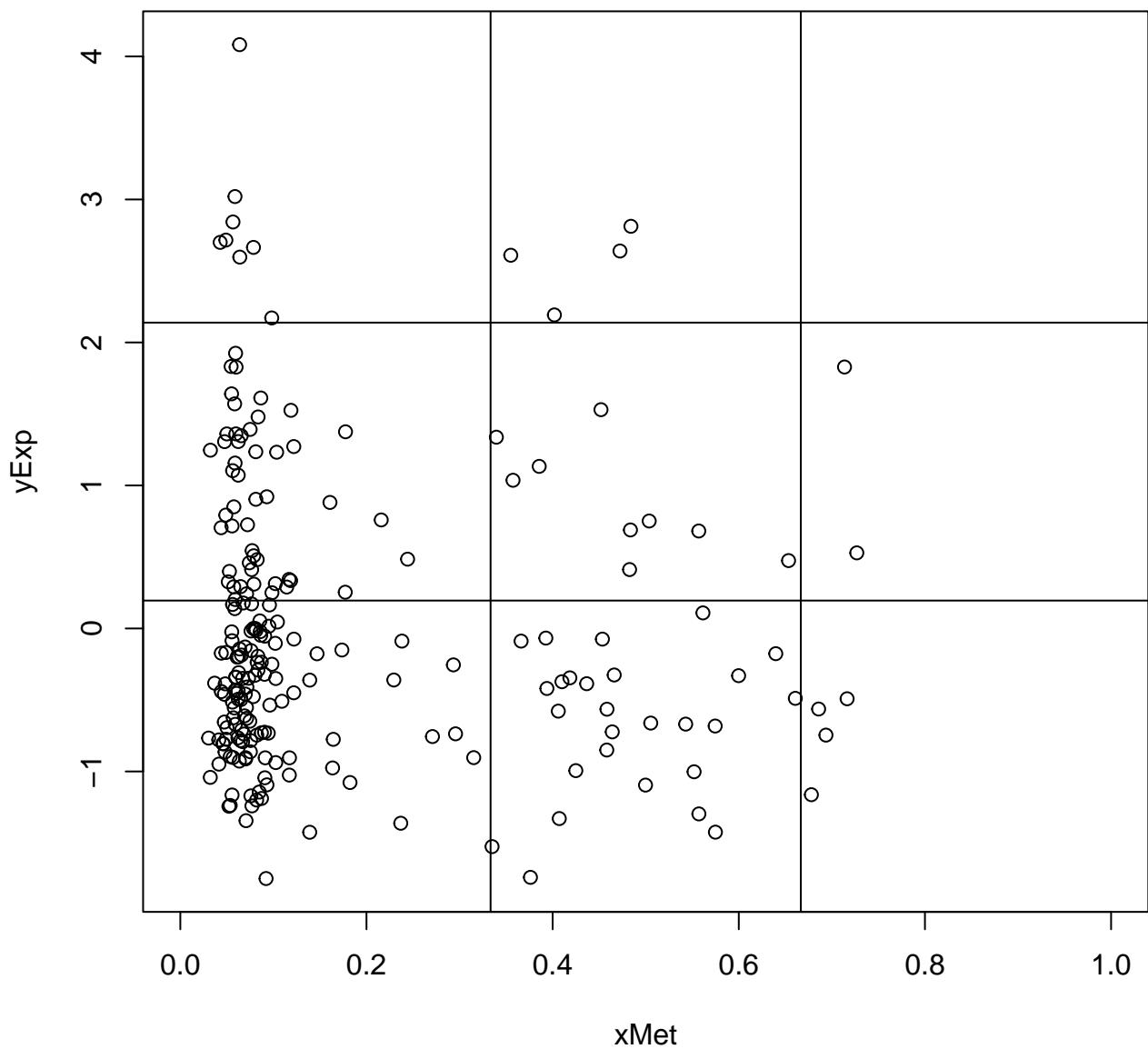
PLEKHA4, 158



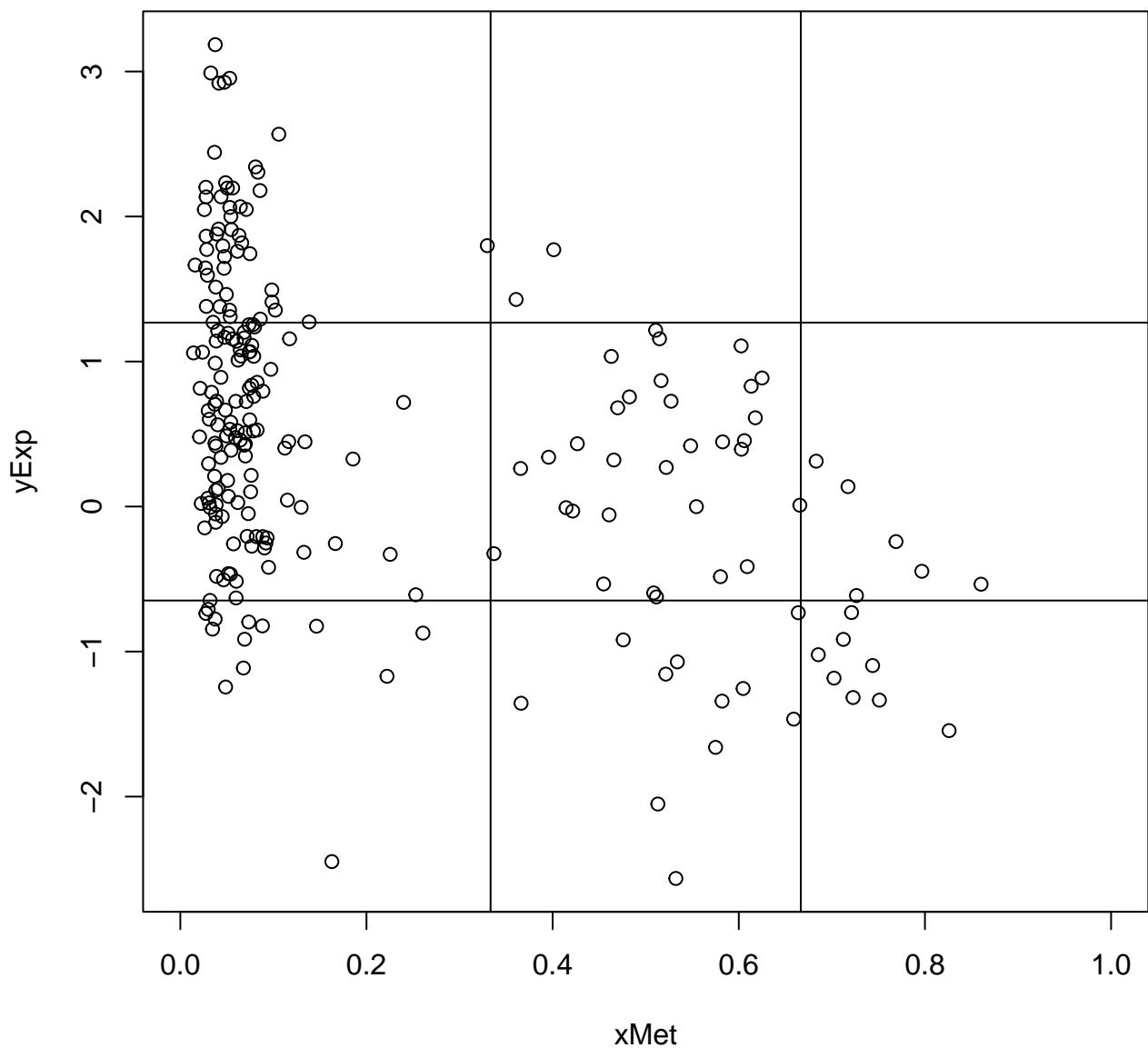
PLN, -132.8



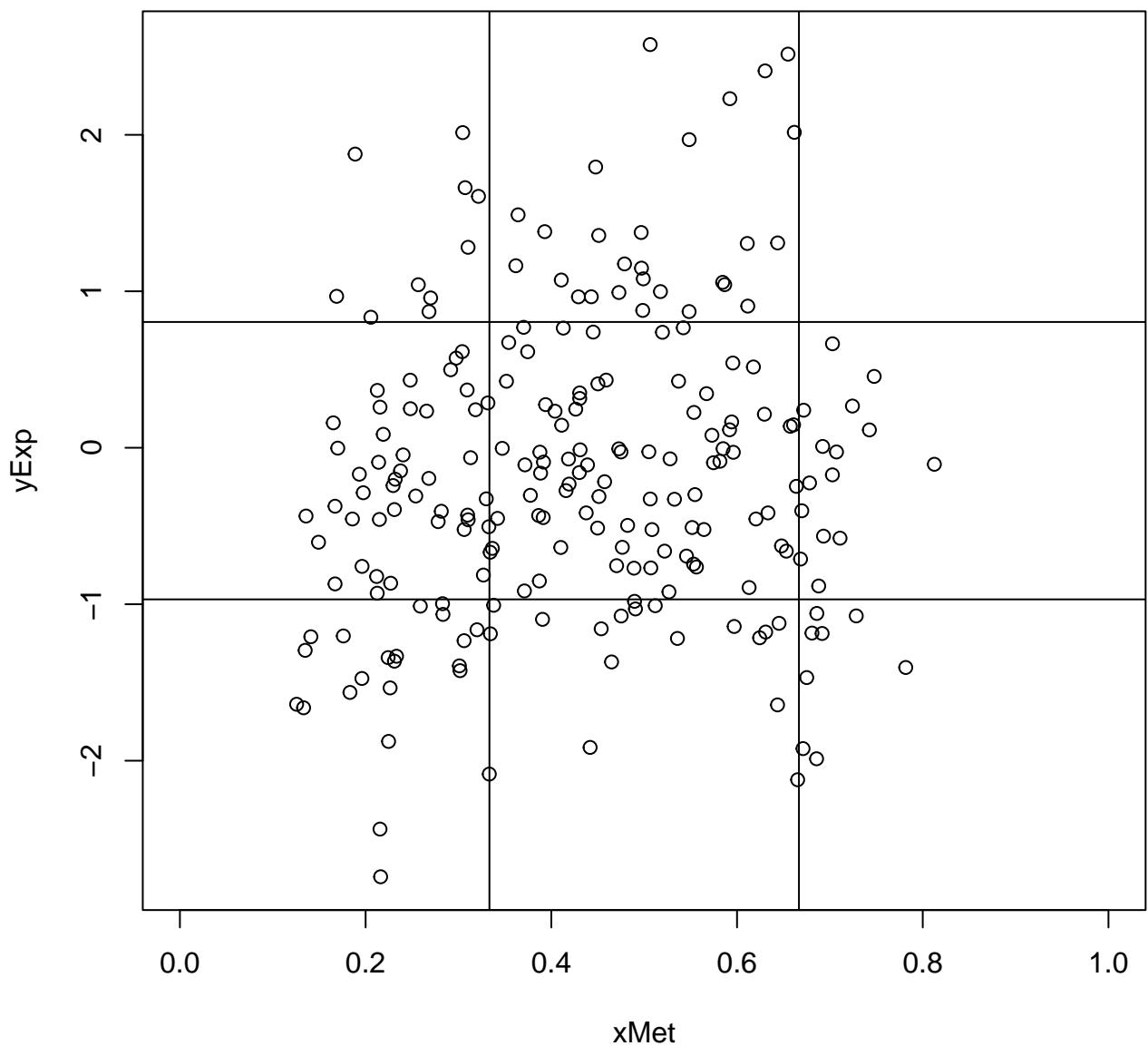
PLPPR1, 208



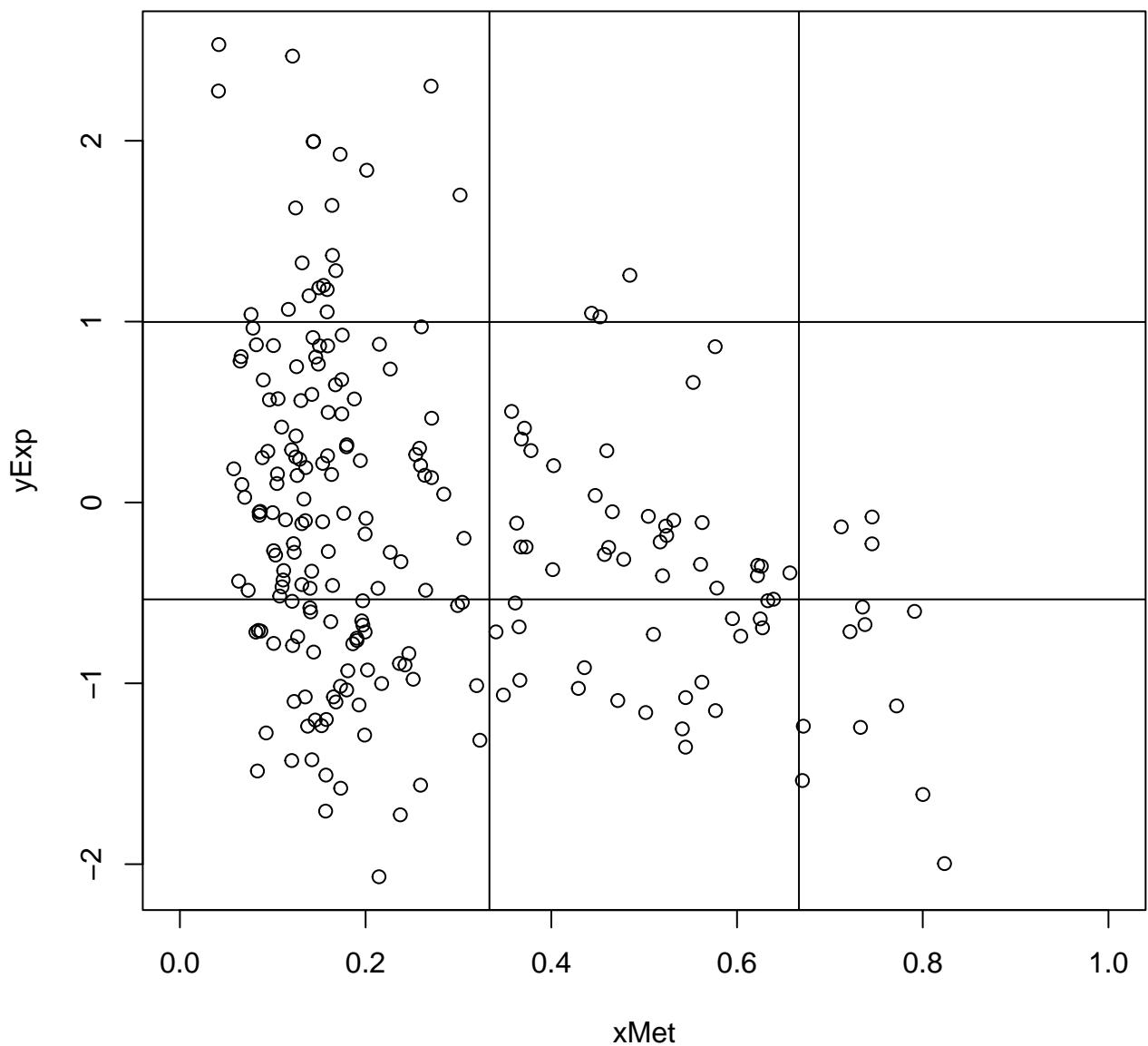
PLTP, 225



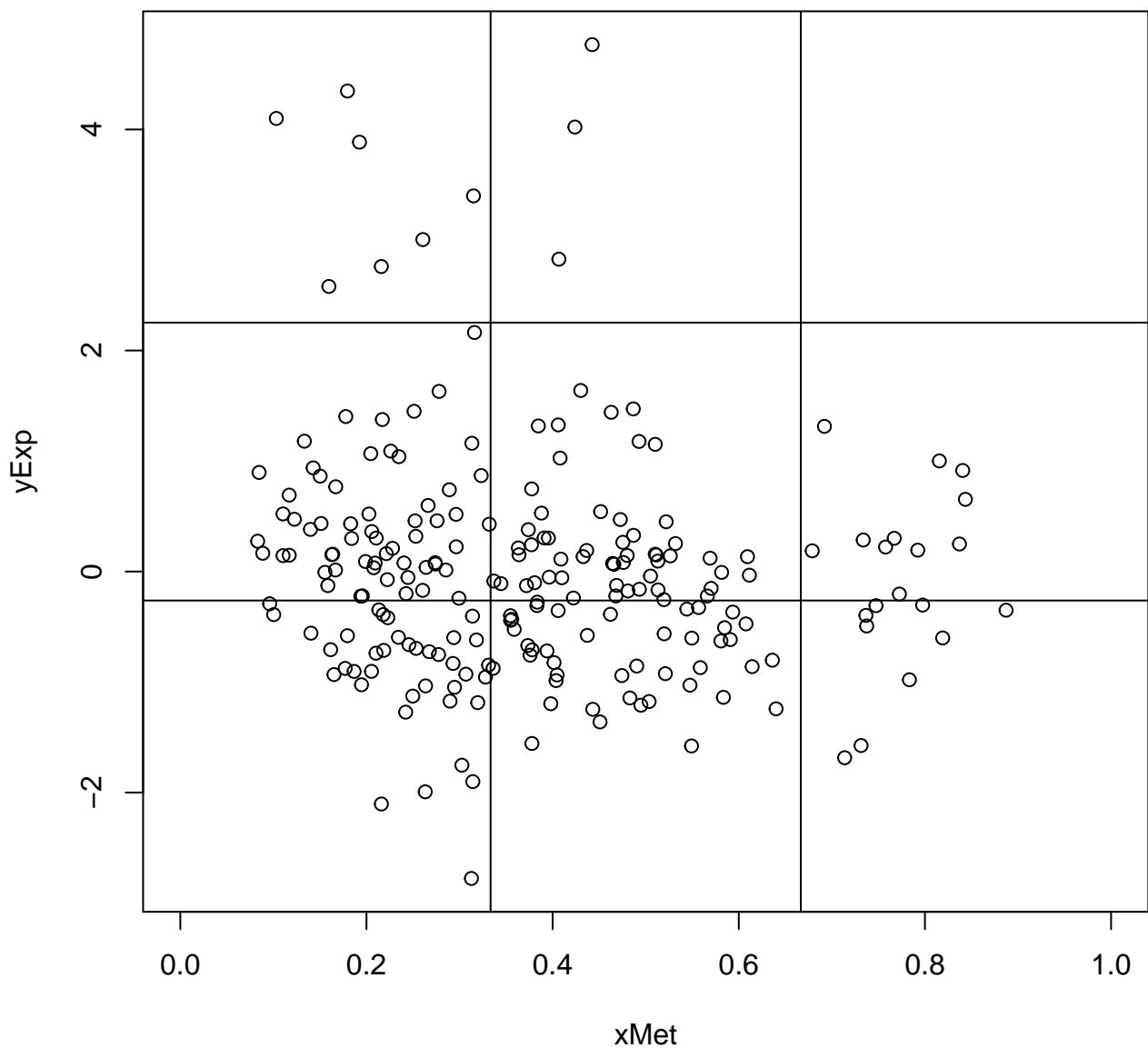
PMP22, 34



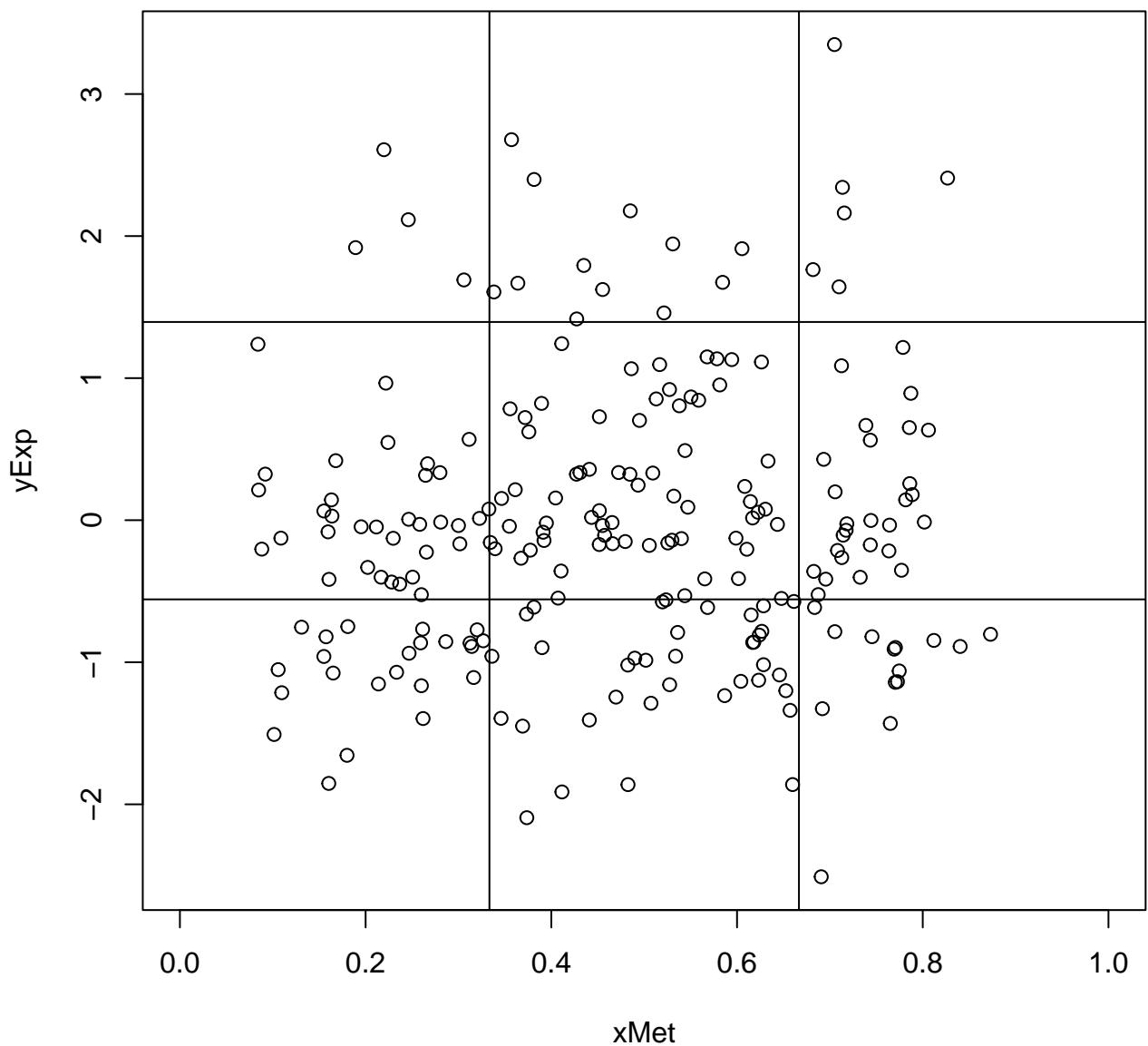
PNMA2, 205



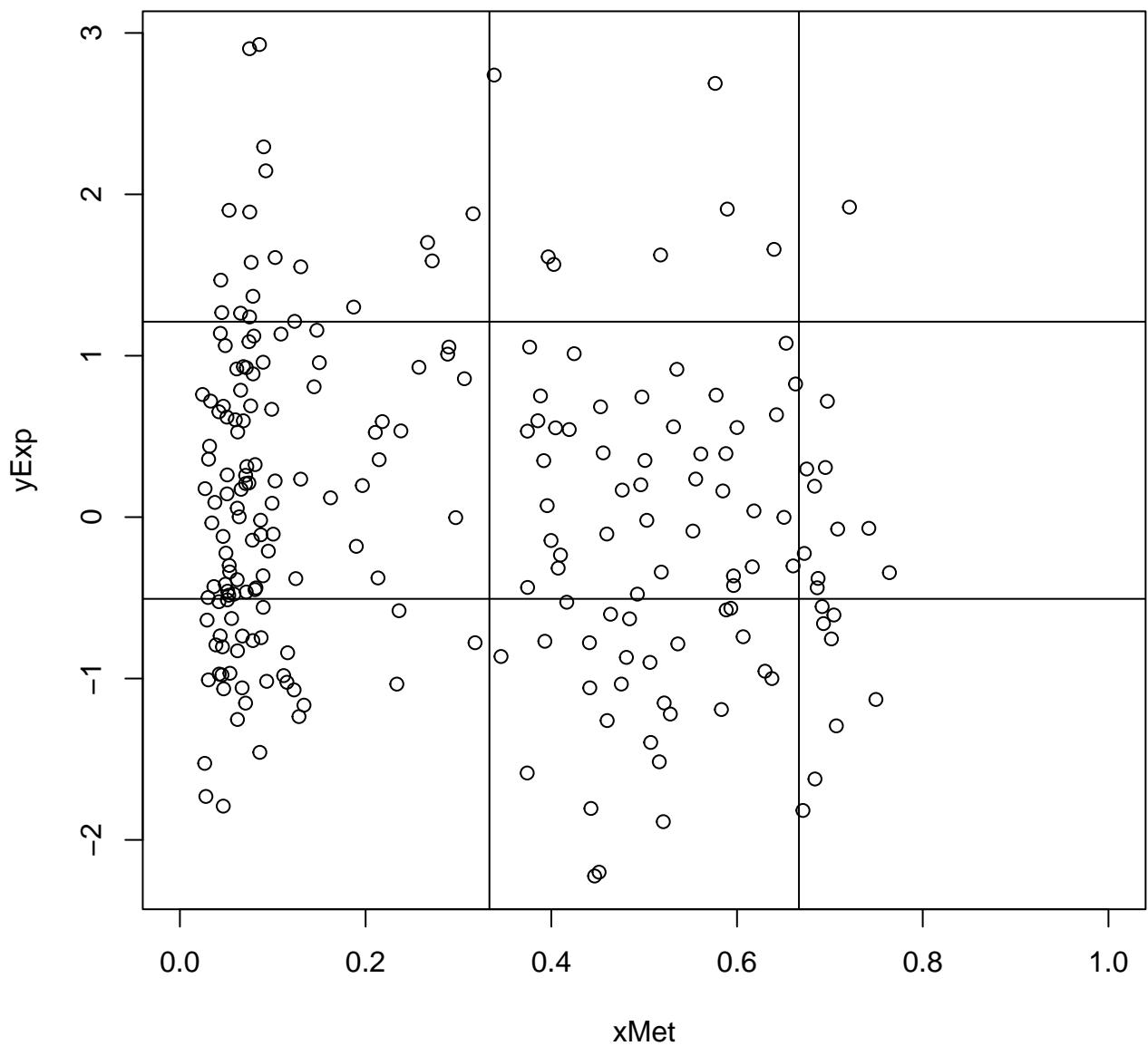
PON1, 144



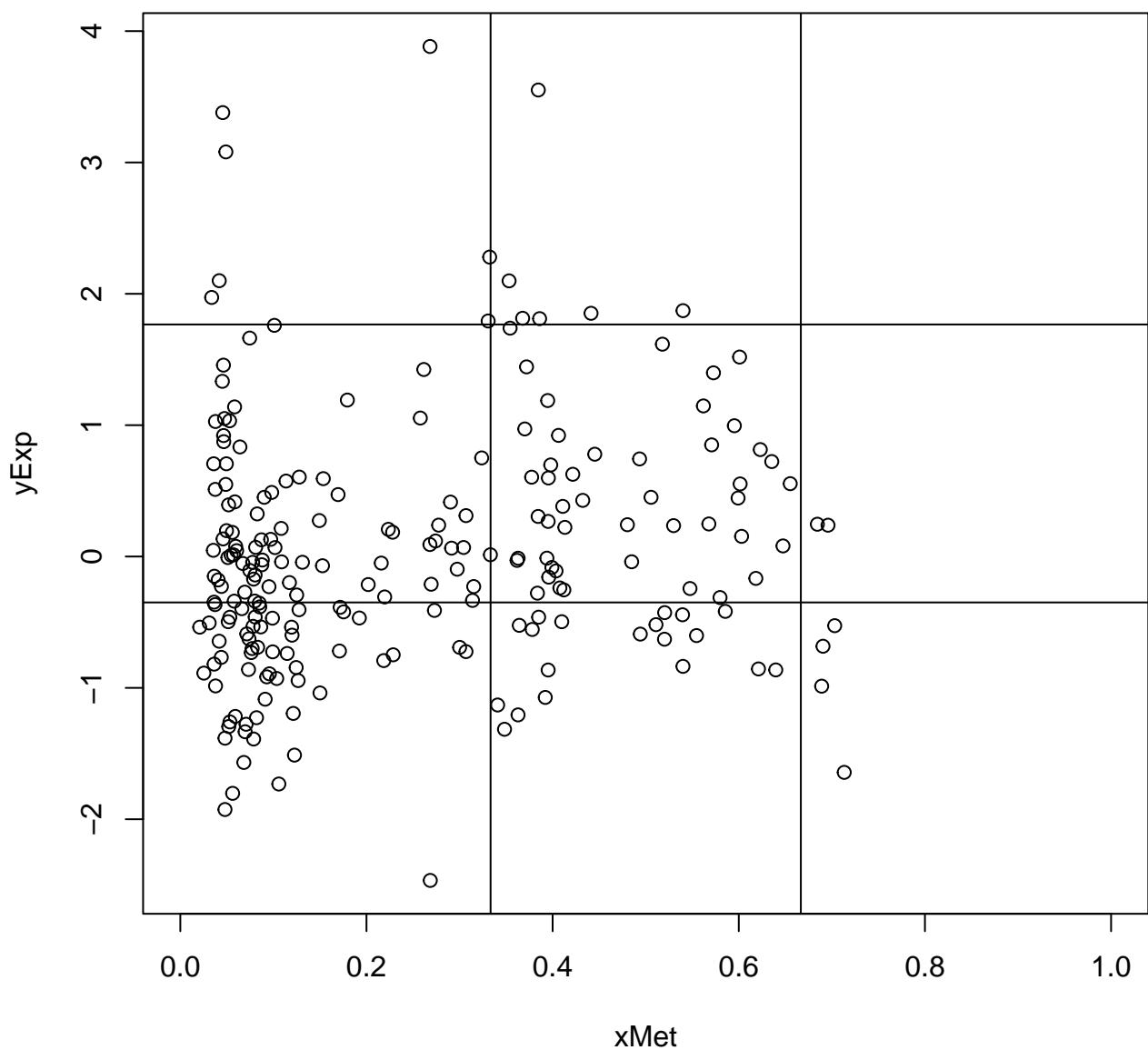
POU3F1, -216.6



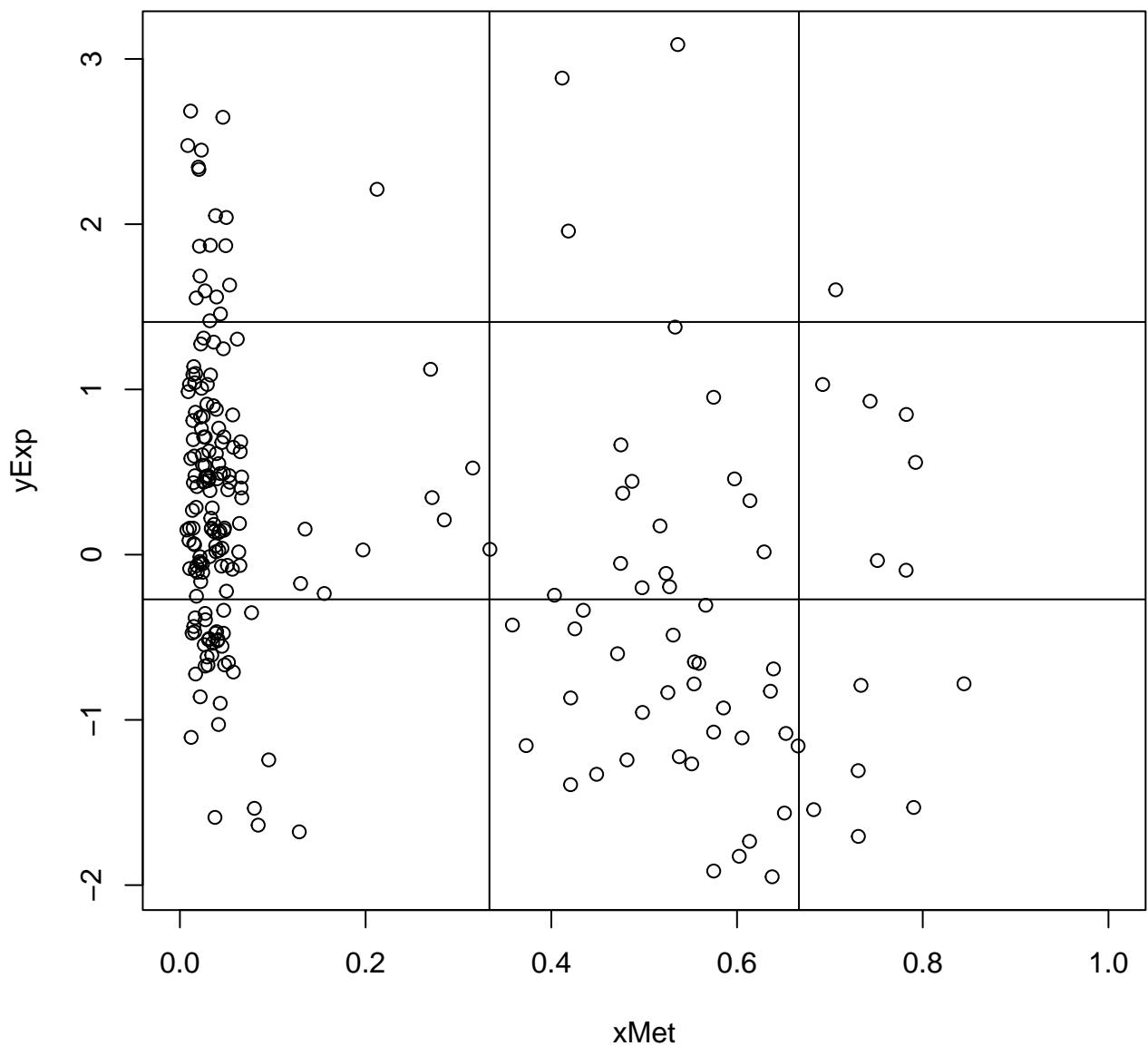
POU3F2, 112.4



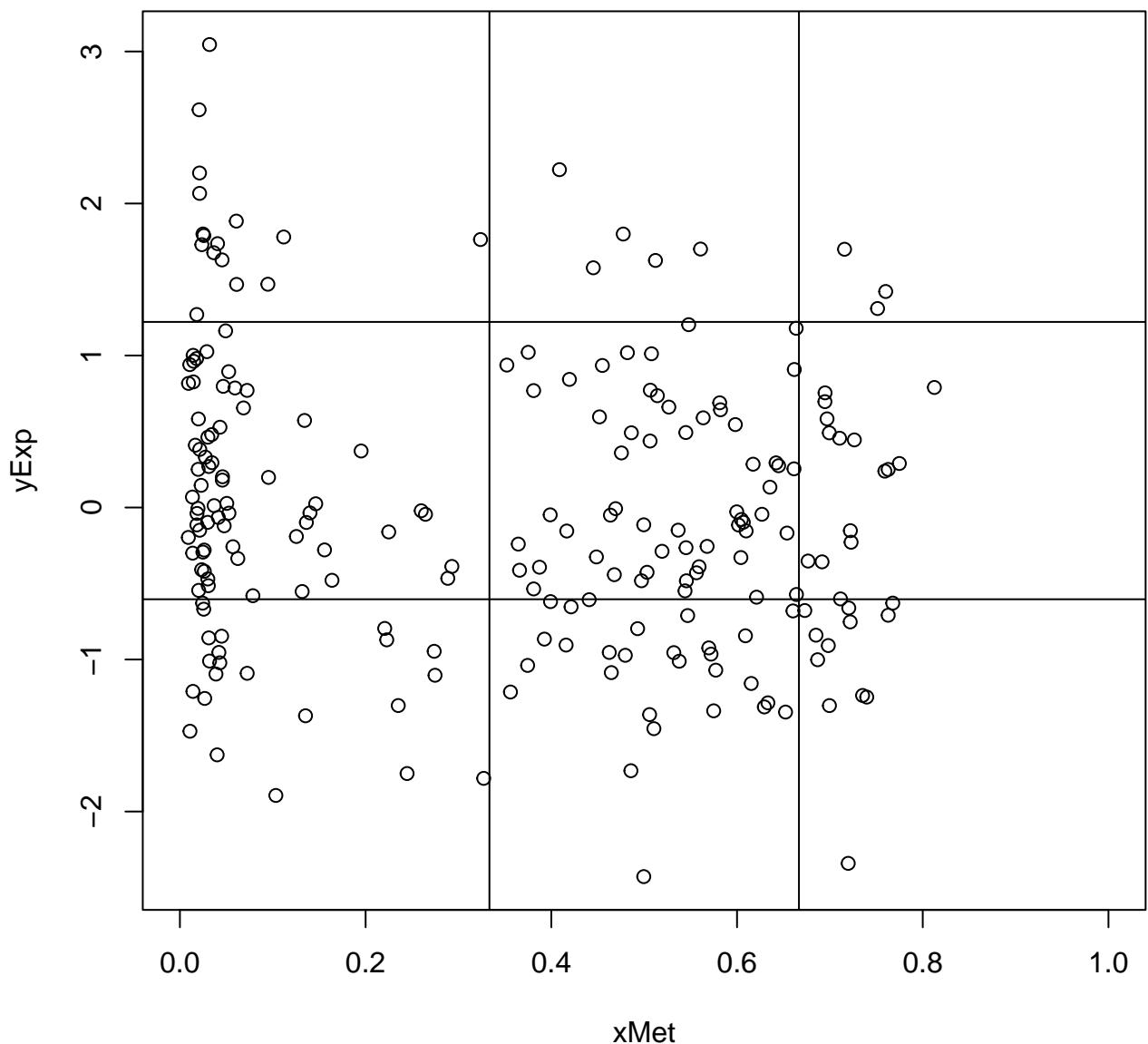
POU3F3, 164



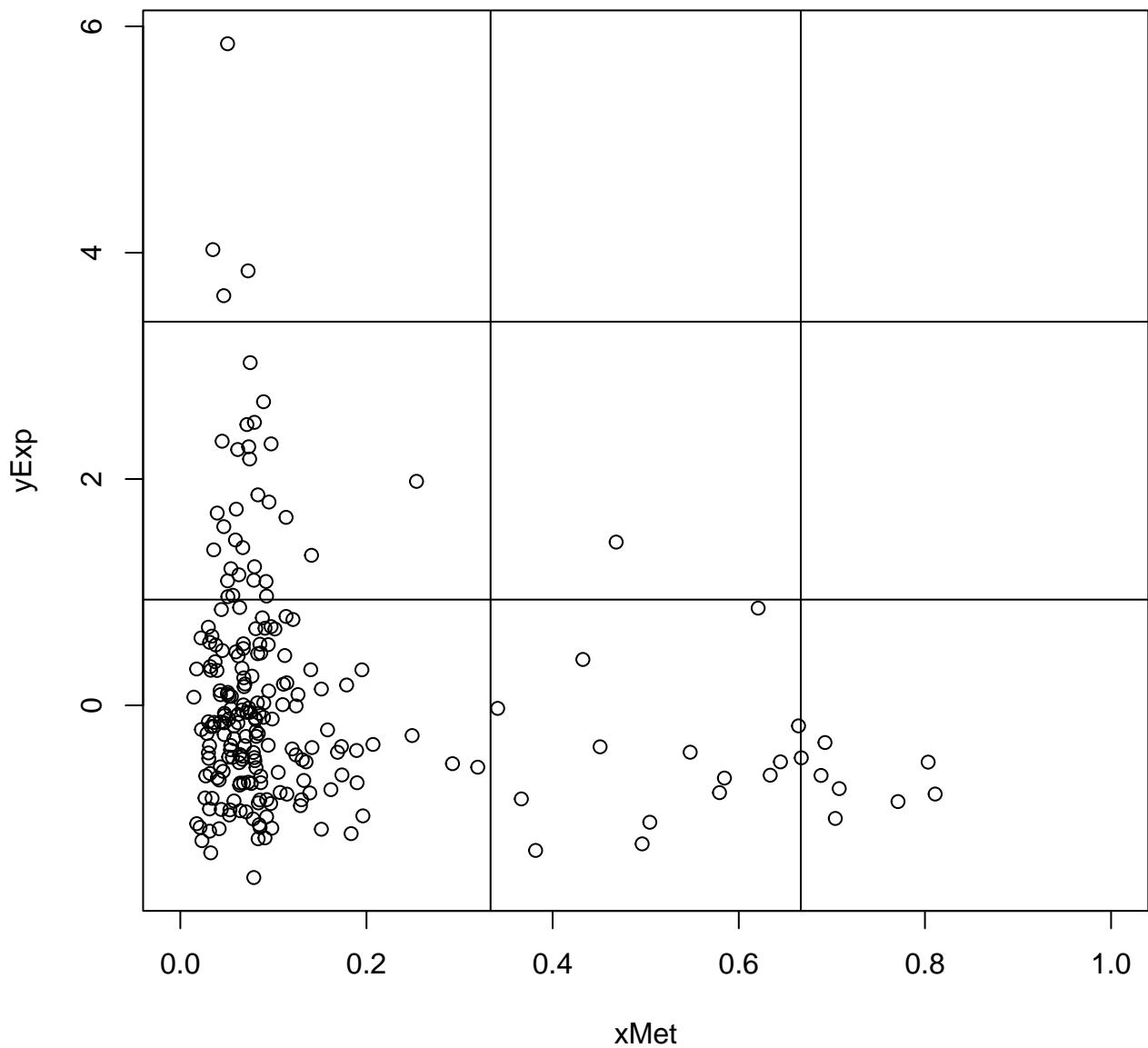
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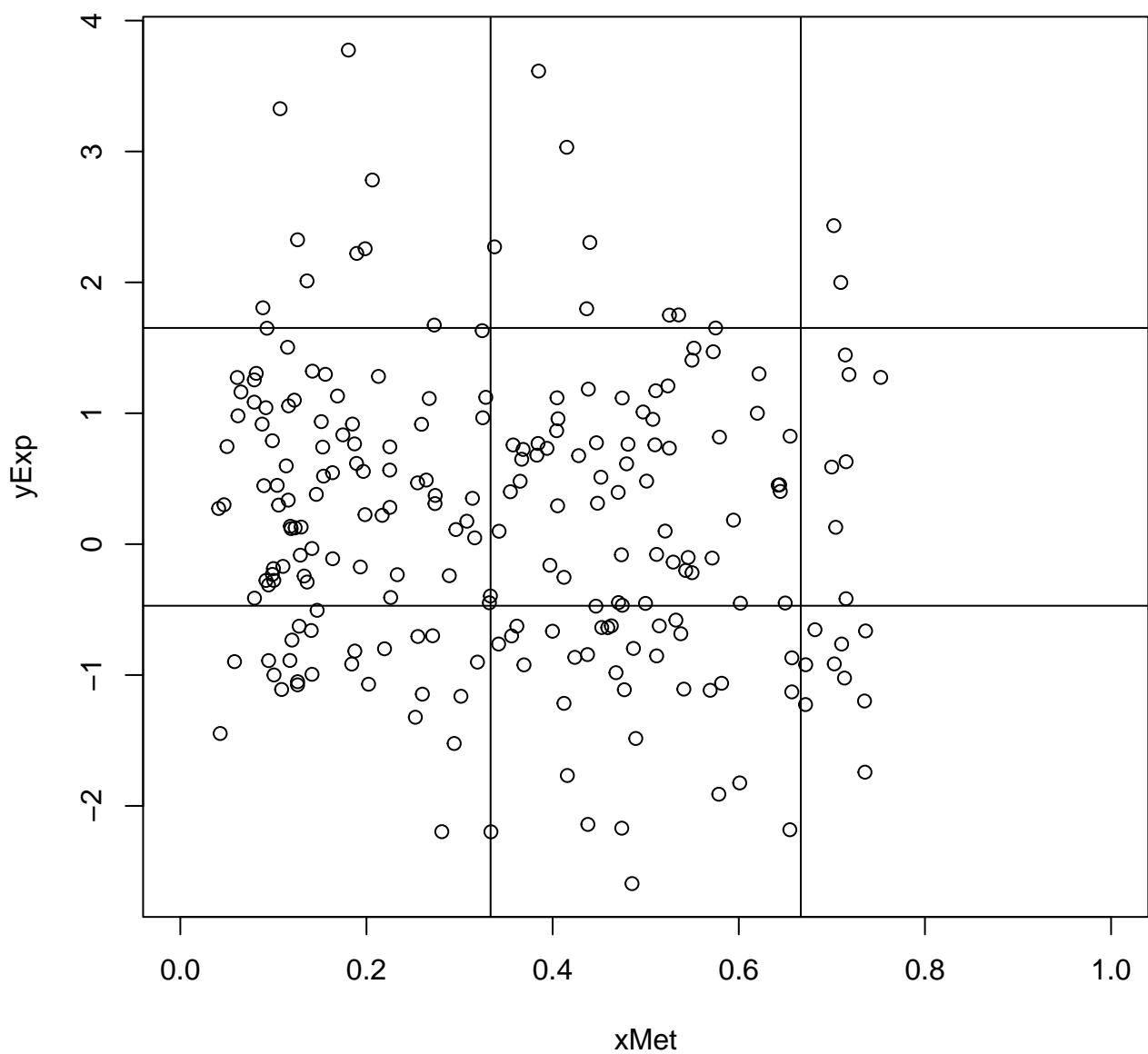
PPM1E, -3.80000000000001



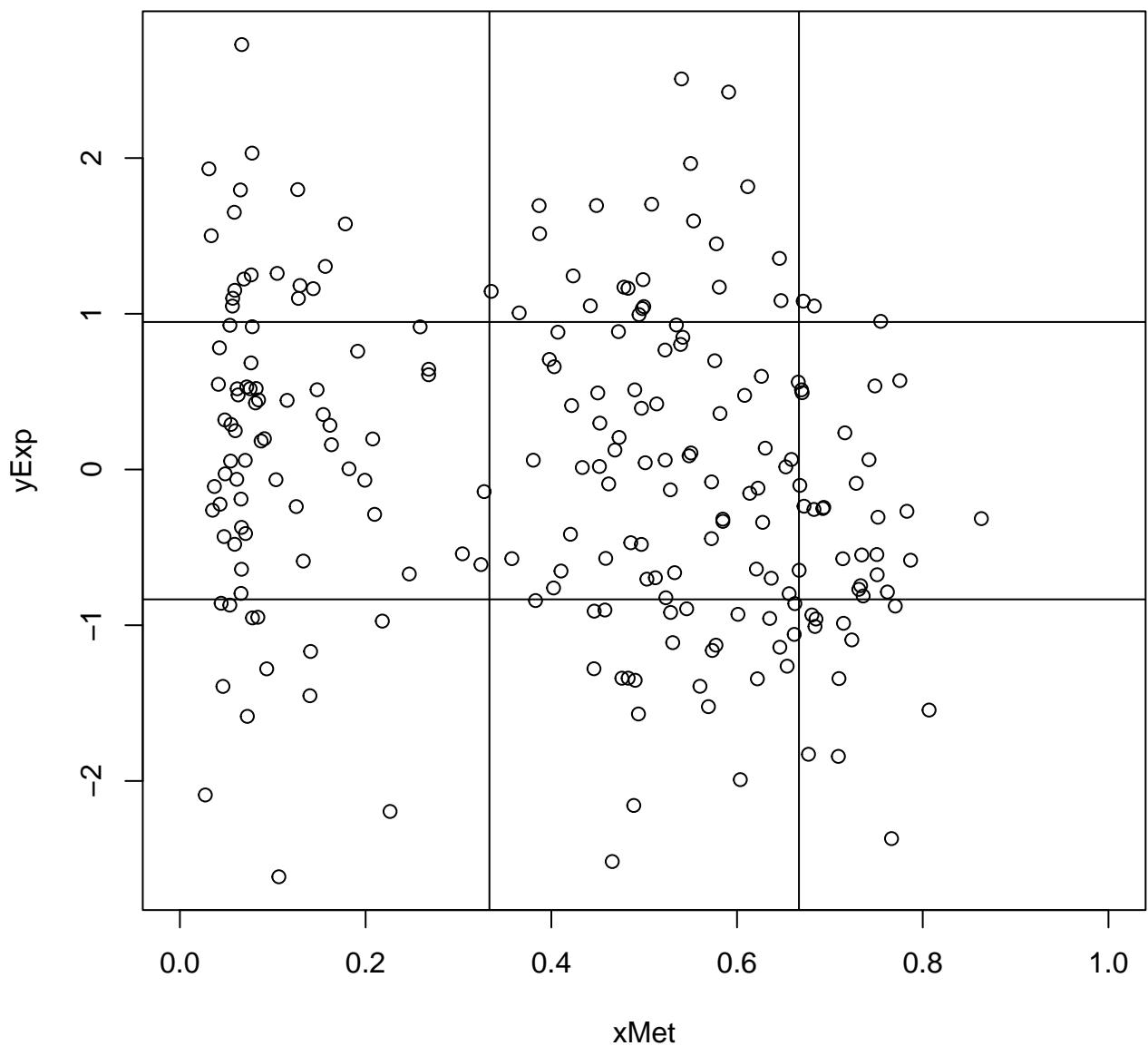
PPP1R1A, 234



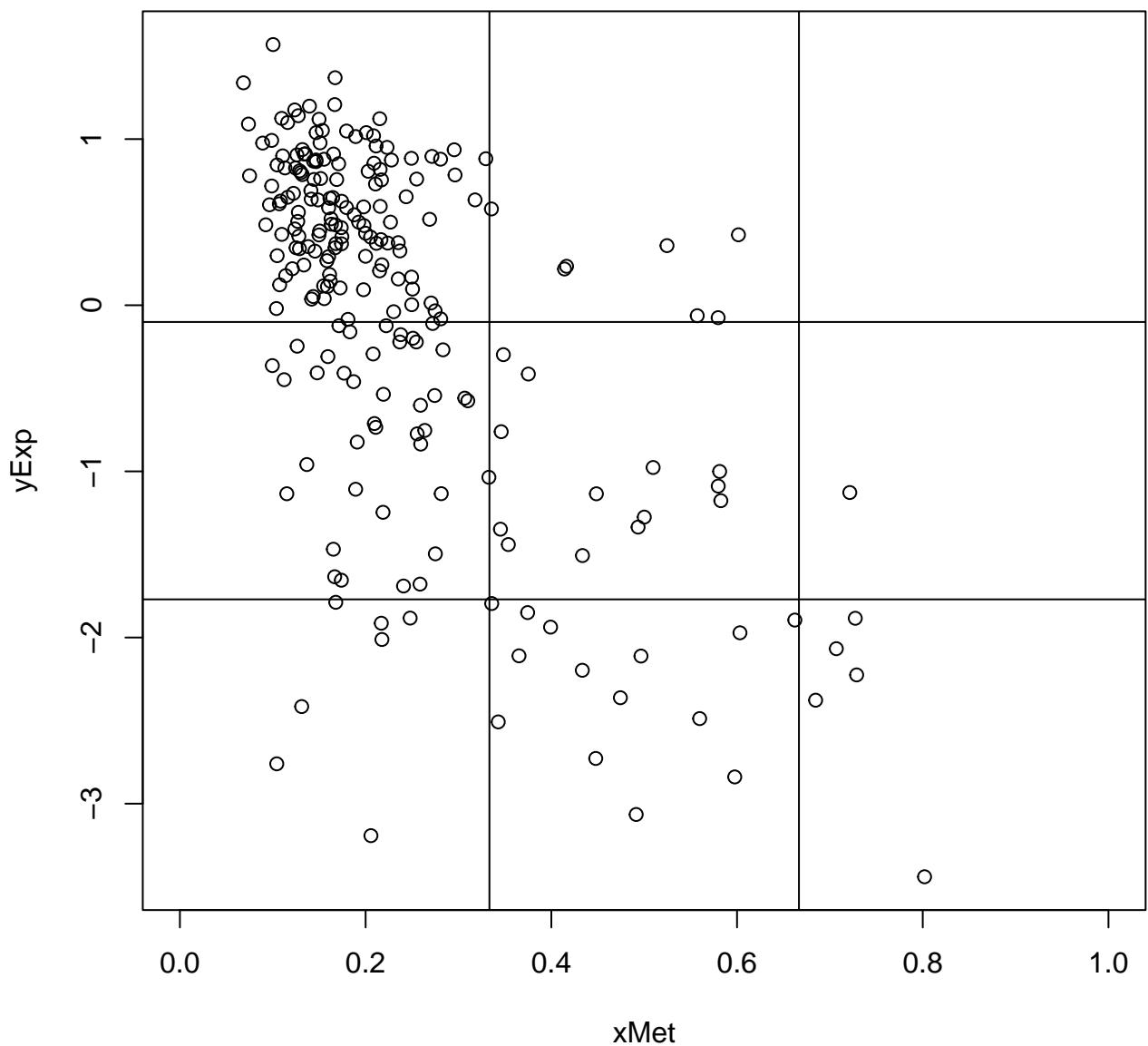
PPP1R2, 51.8



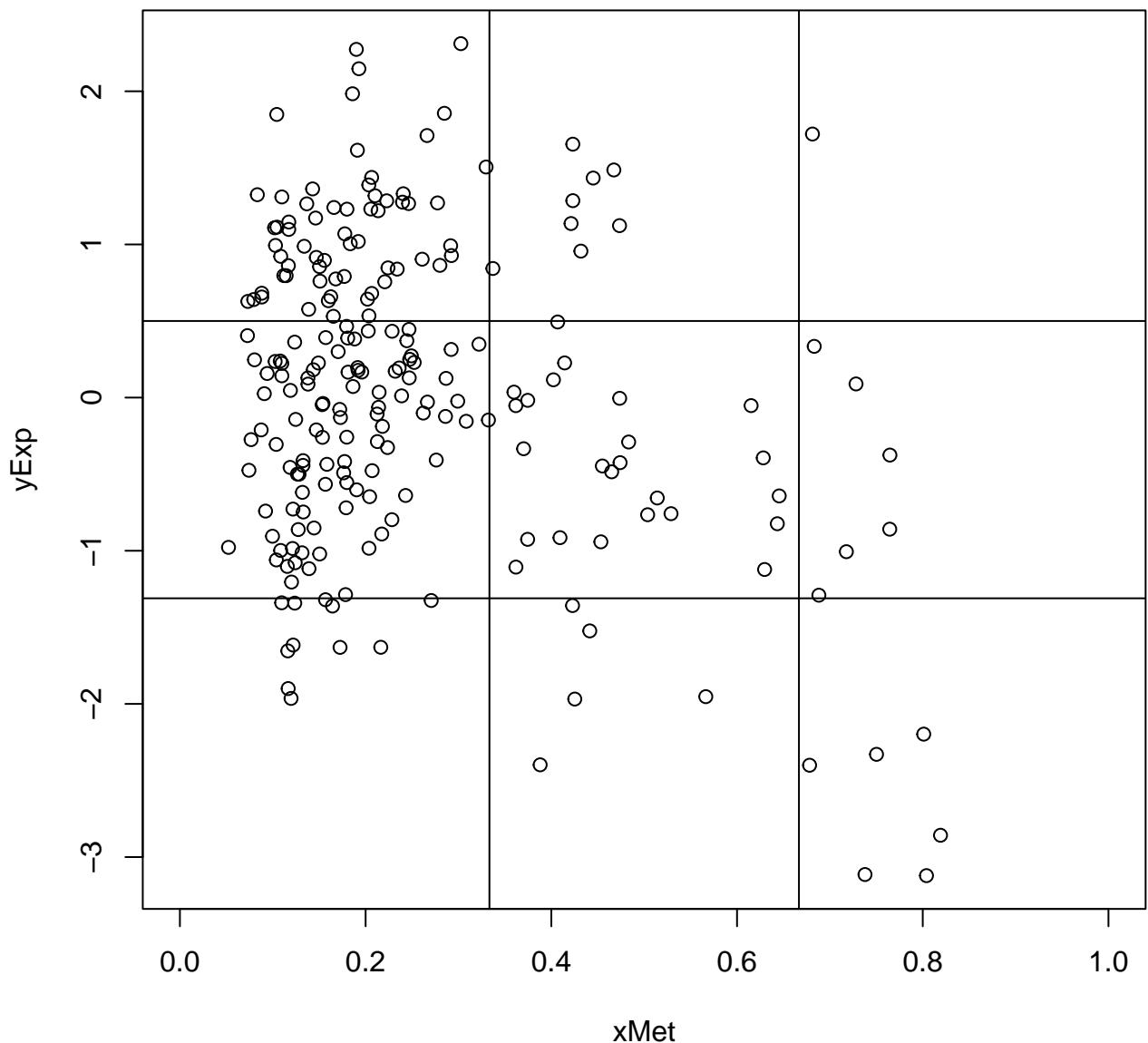
PPP1R3C, -82.8



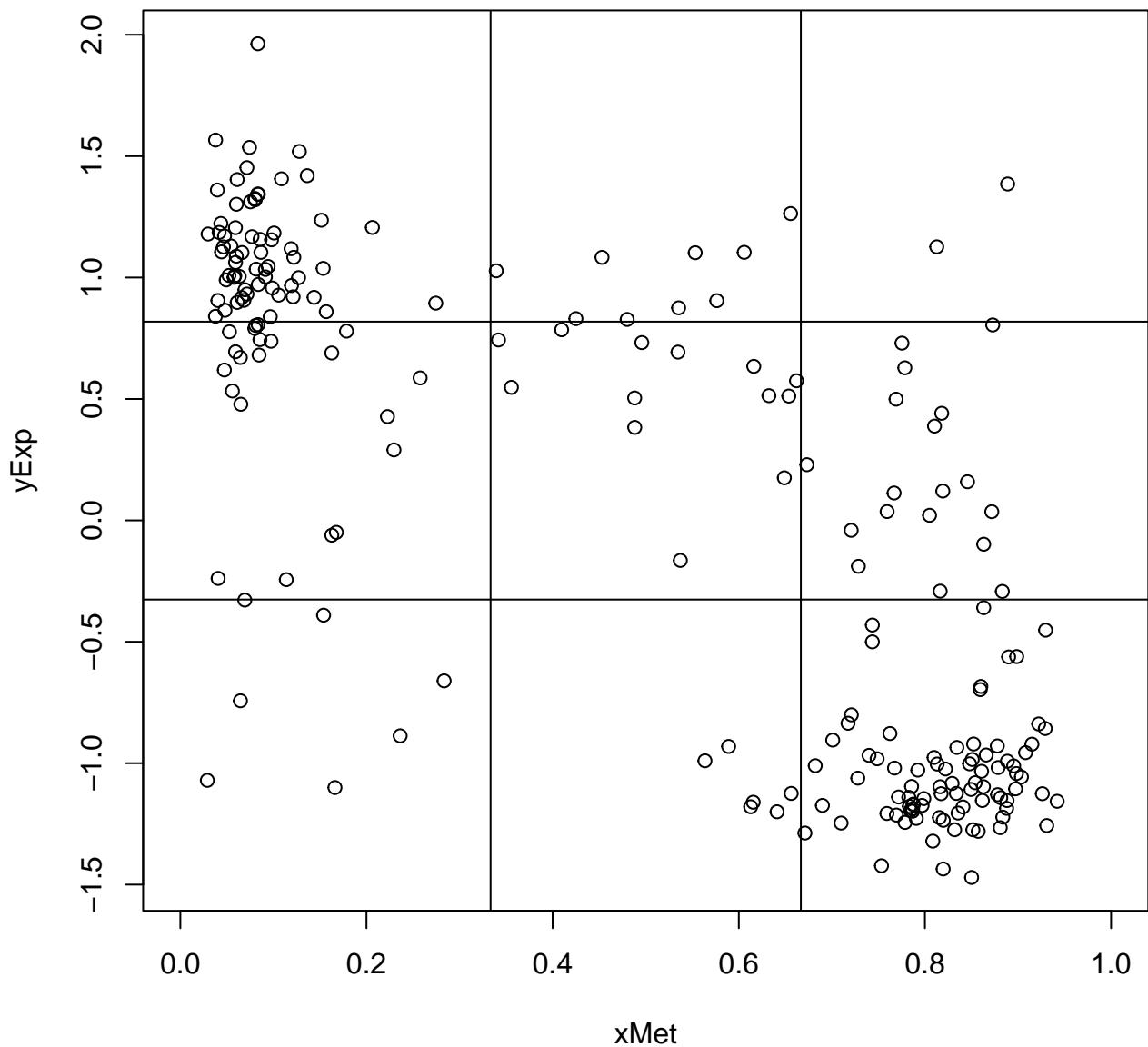
PPP1R9A, 327



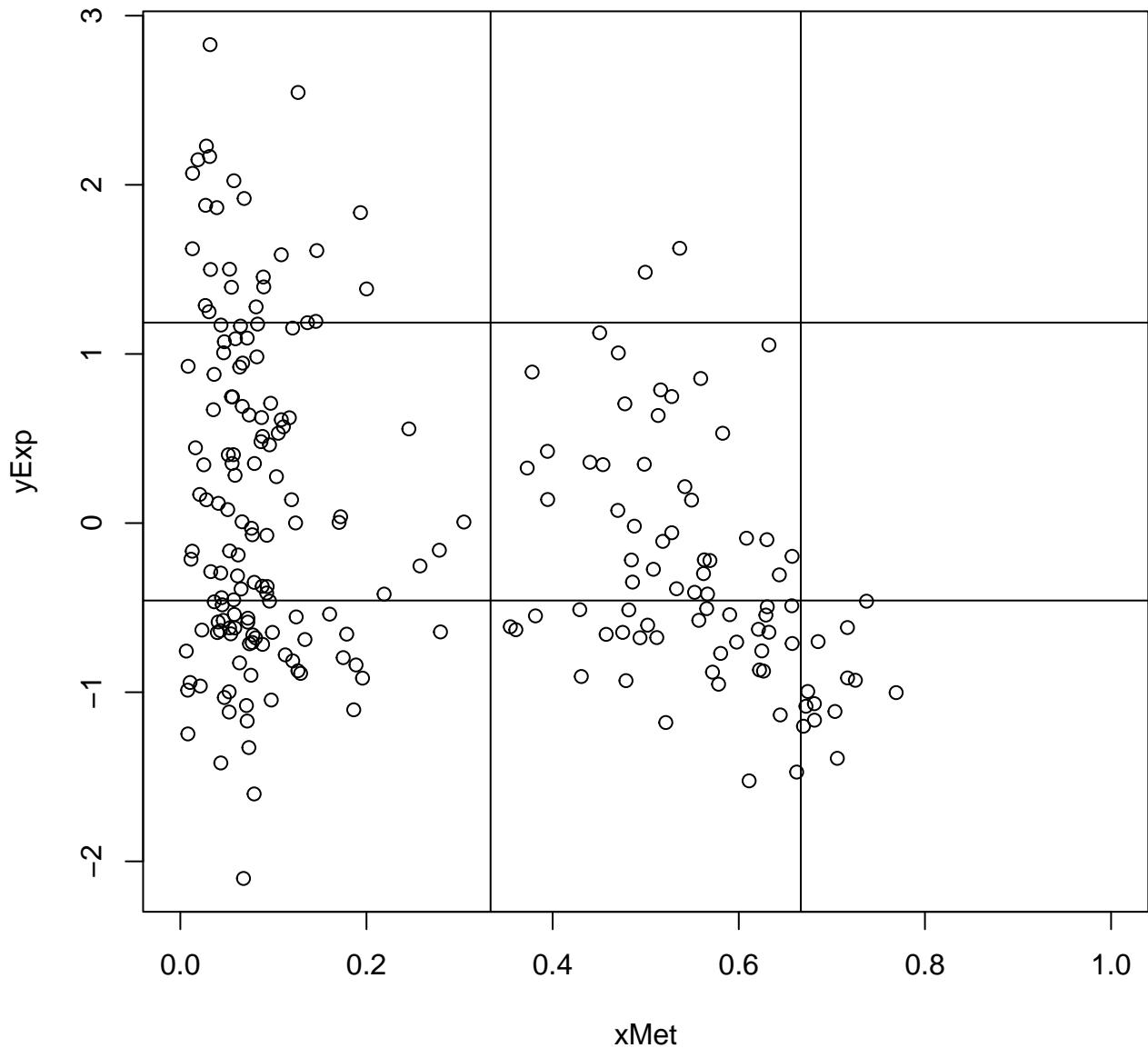
PPP2R3A, 180.4



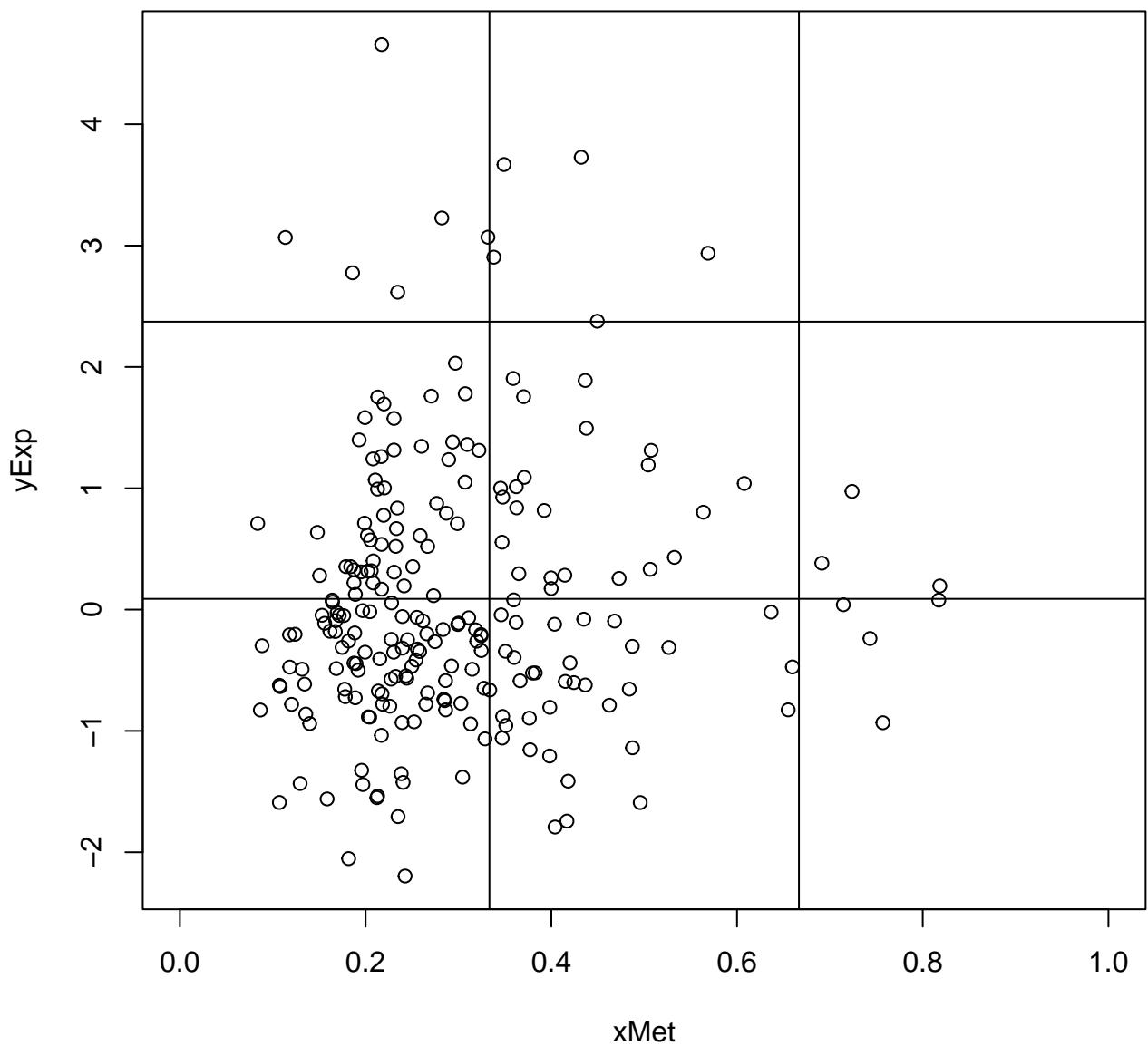
PRAC1, 184.8



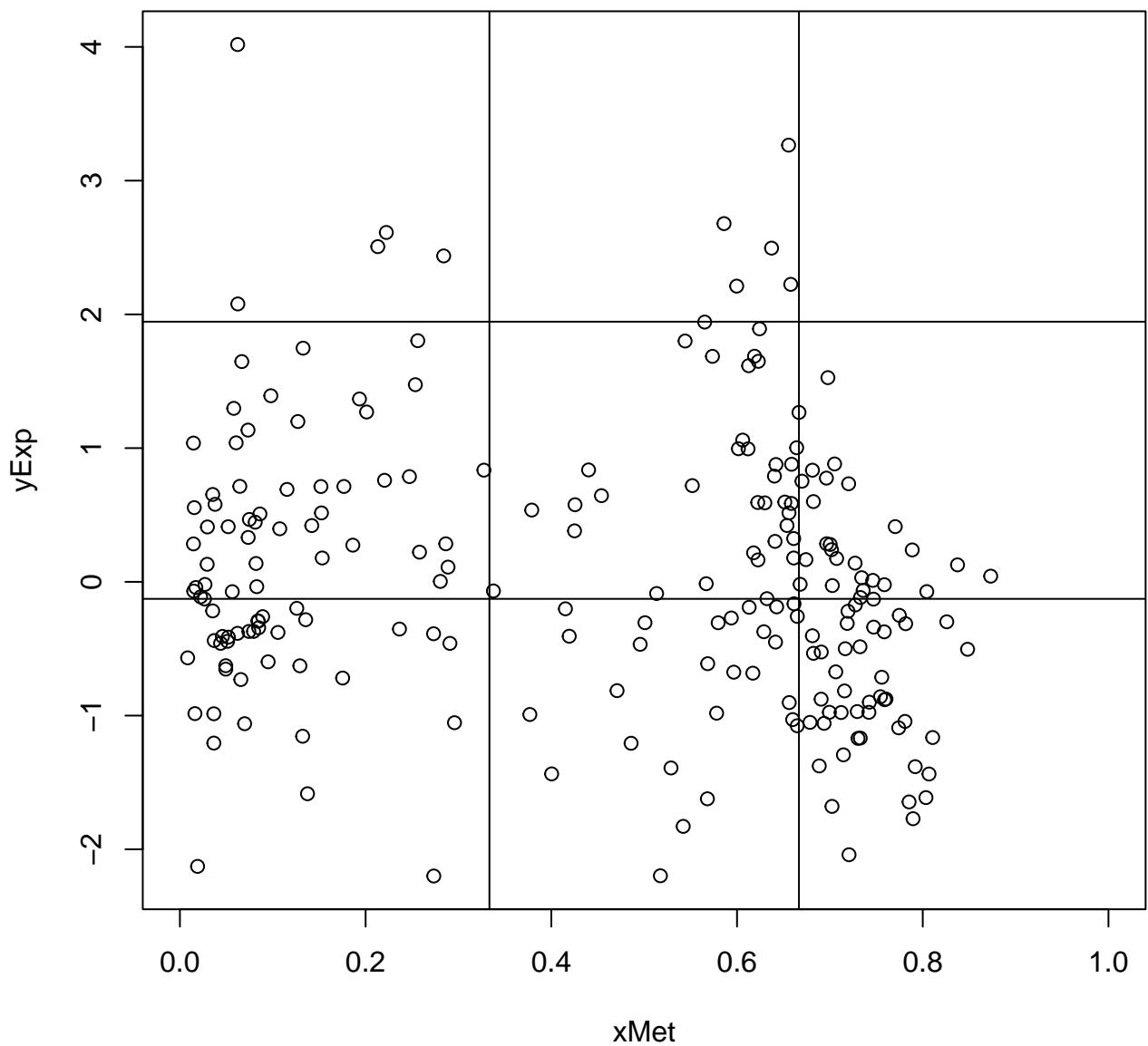
PRDM16, 219



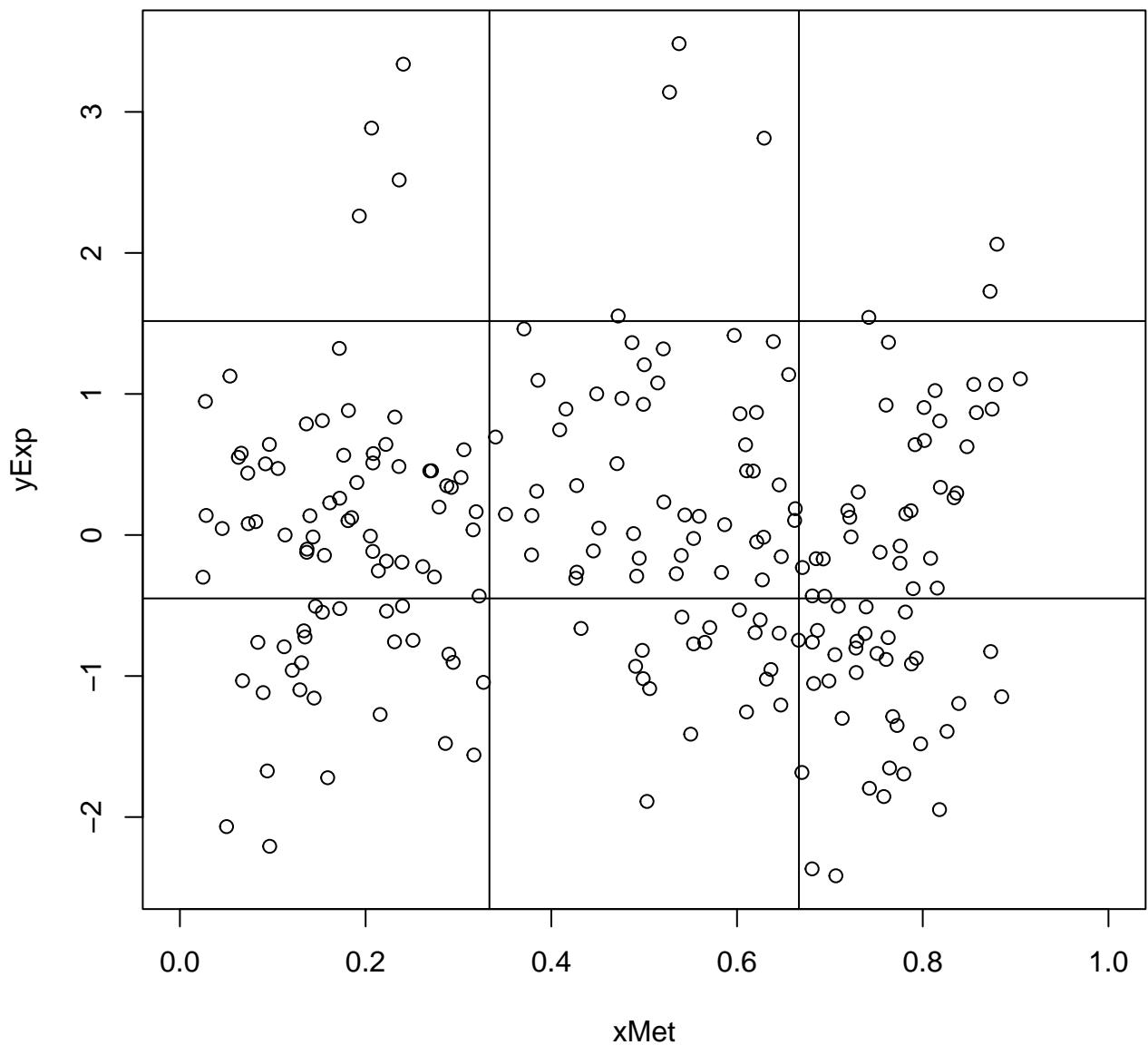
PRELP, 187



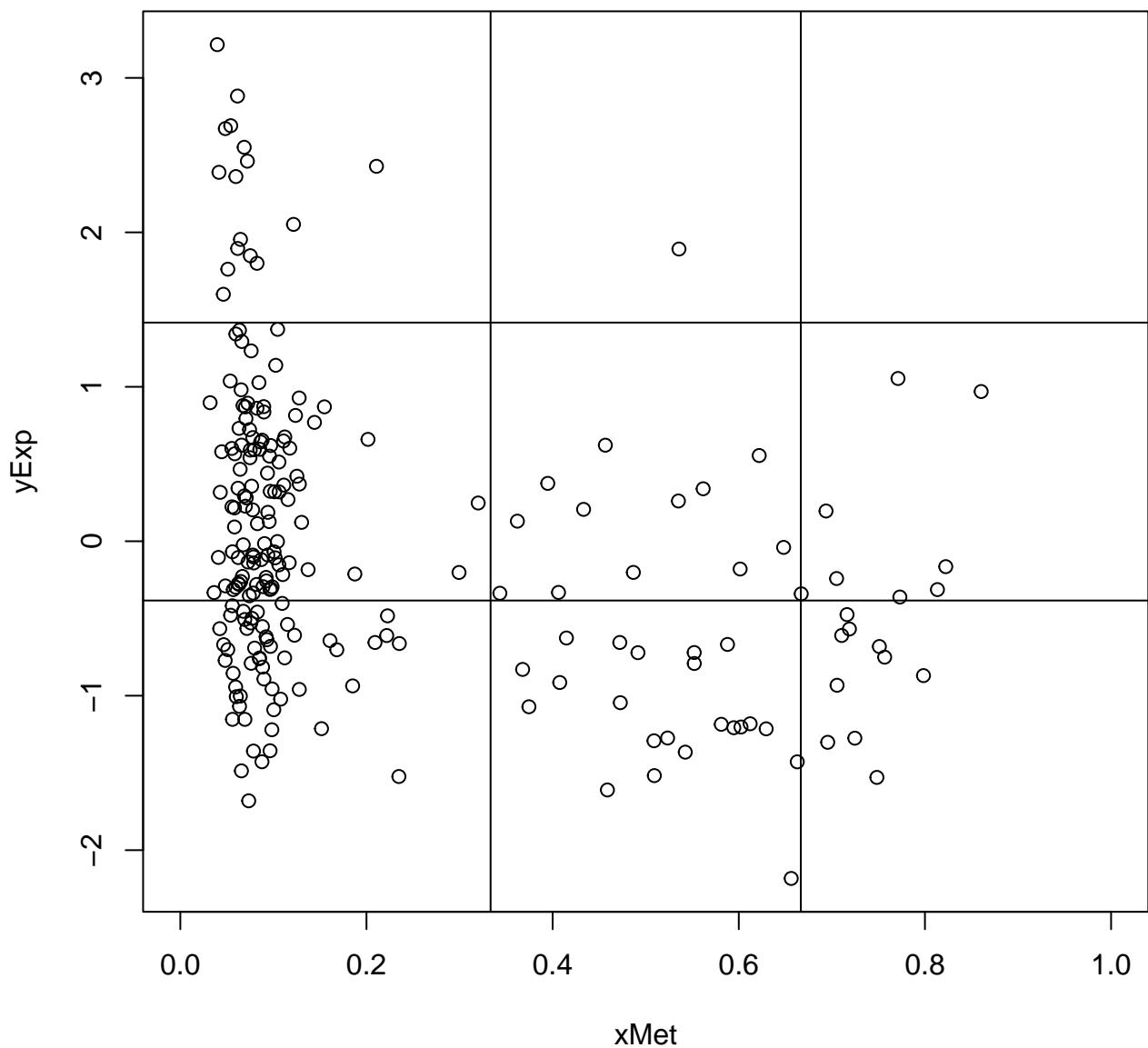
PRICKLE1, 143



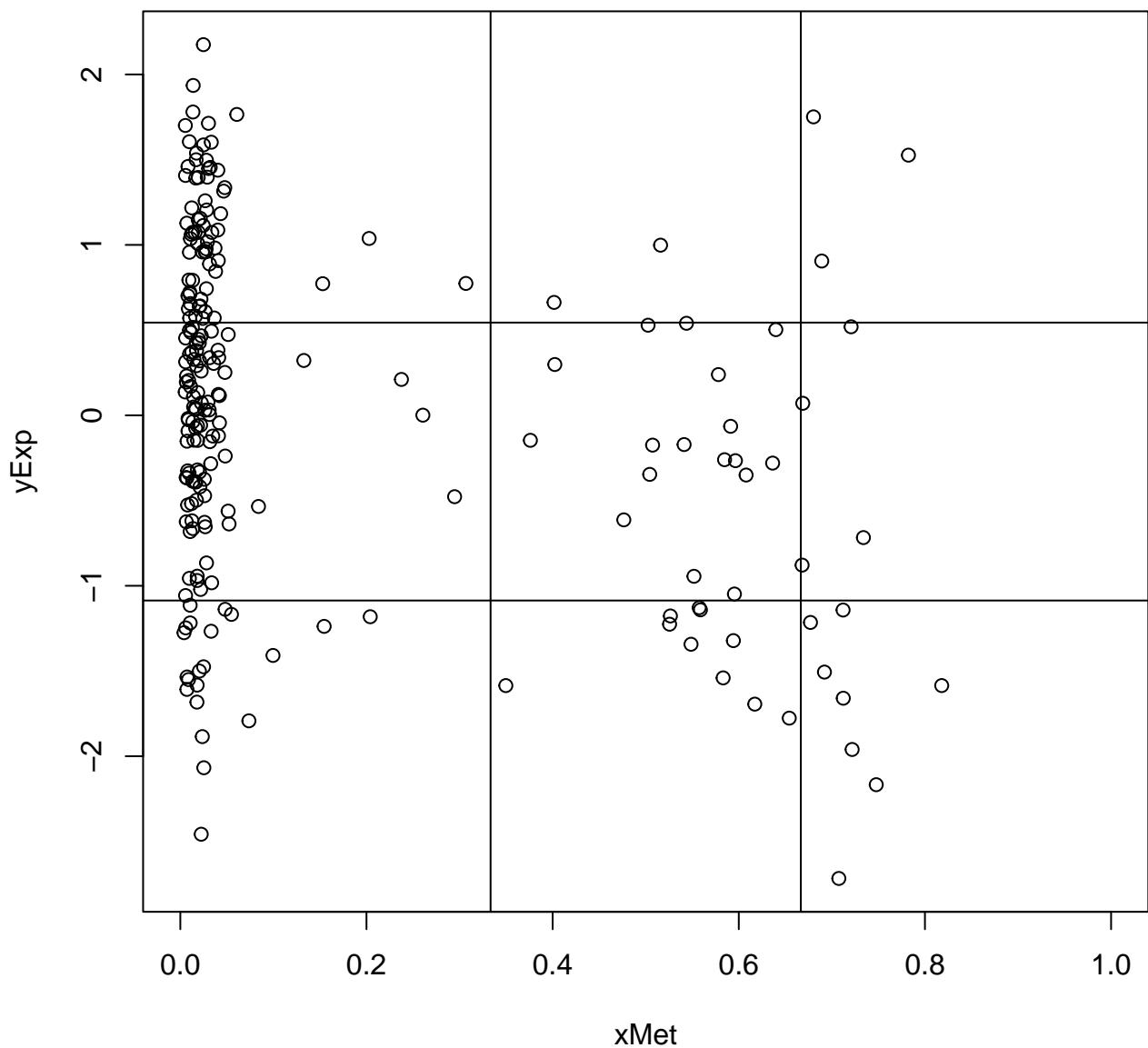
PRIMA1, -35.8



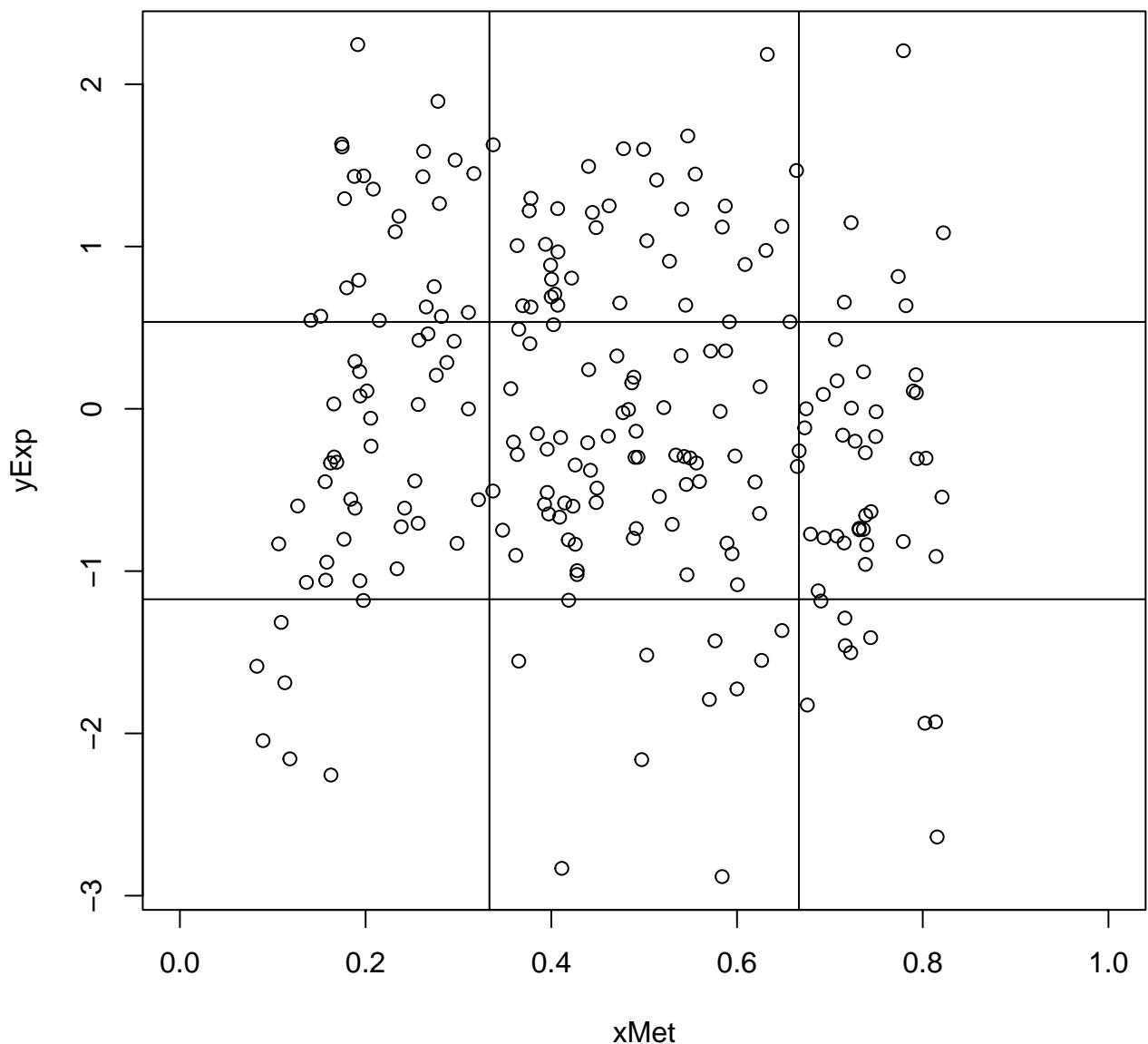
PRKAA2, 210



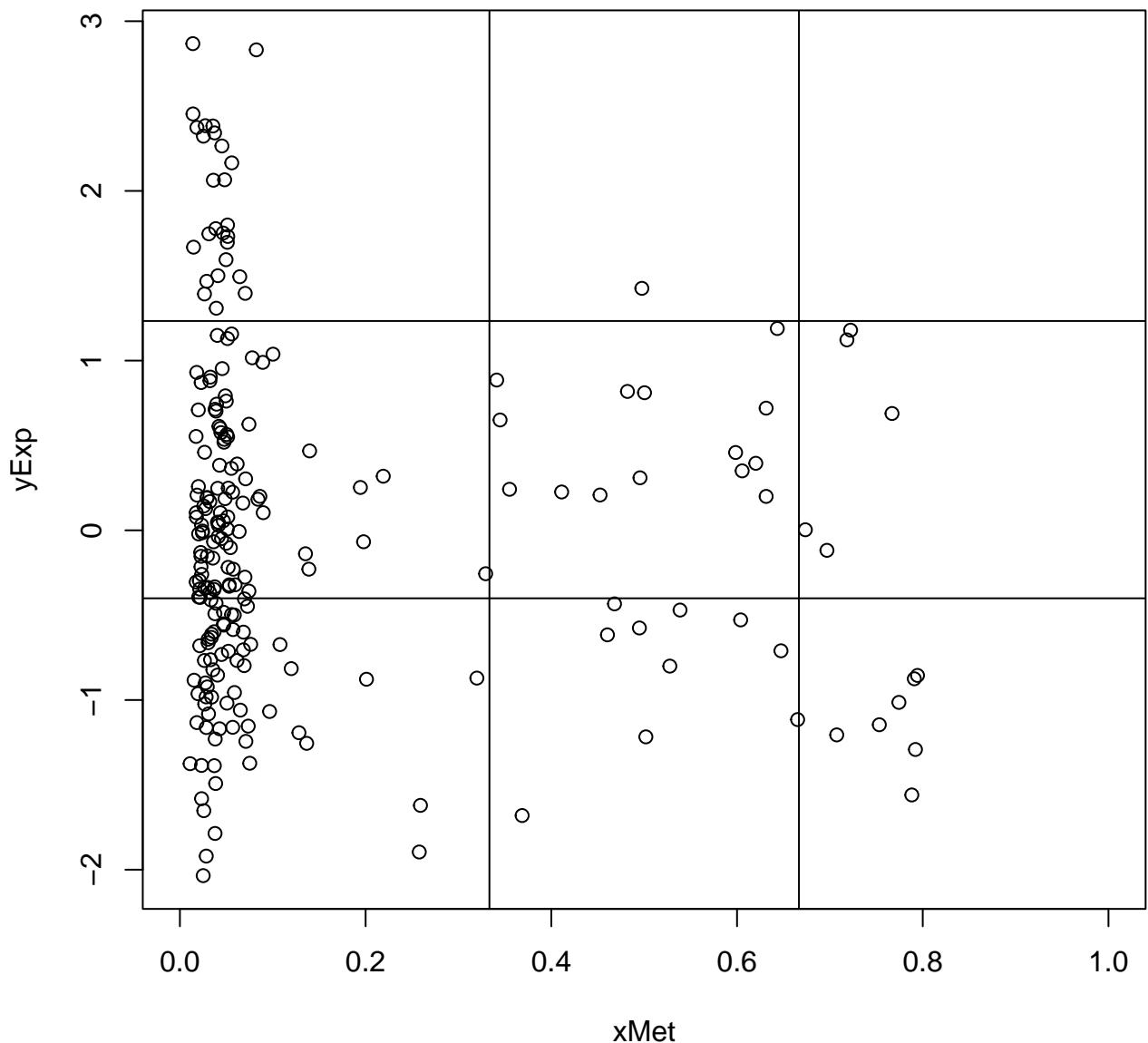
PRKACB, 126.2



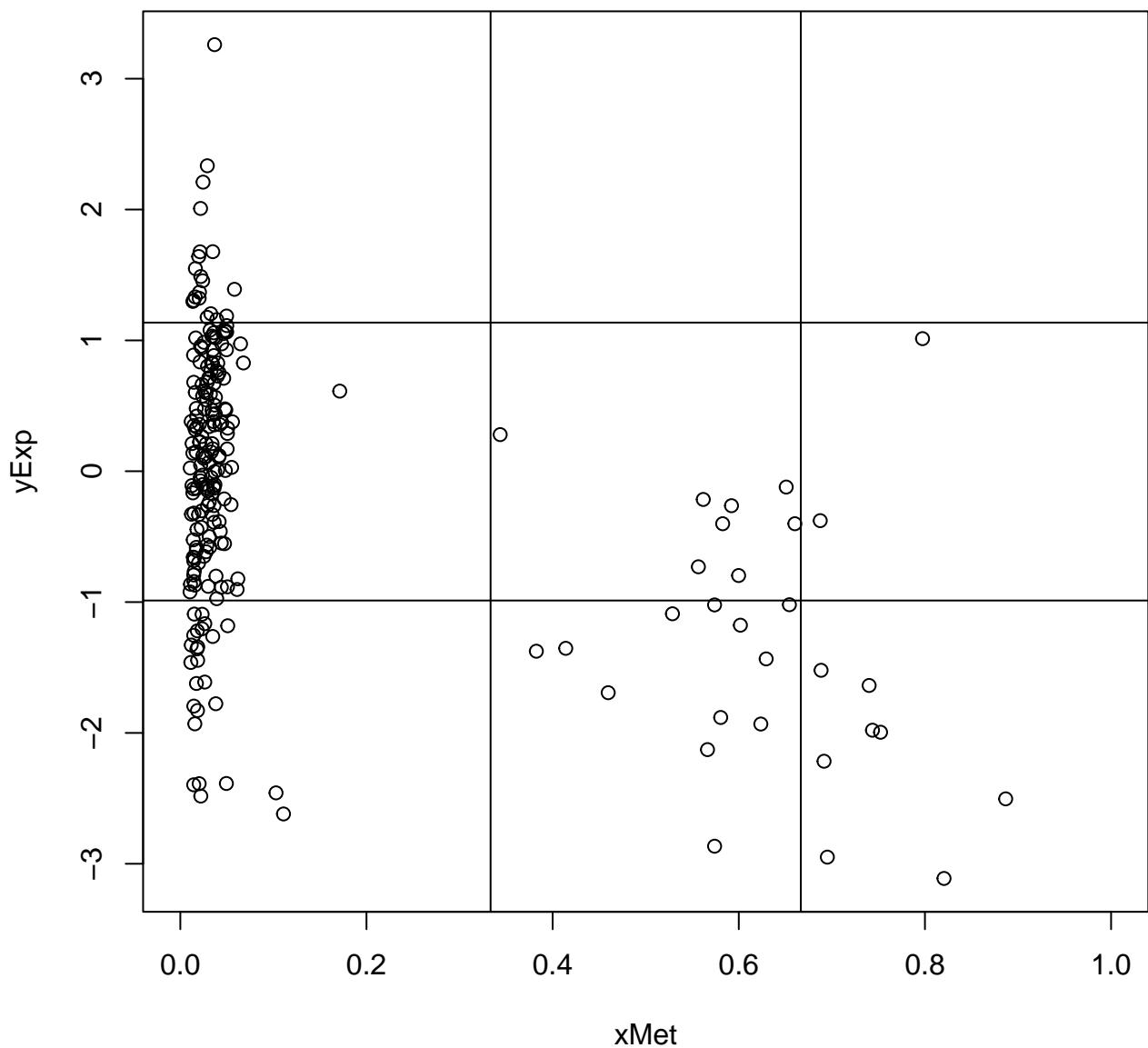
PRKD1, -291.6



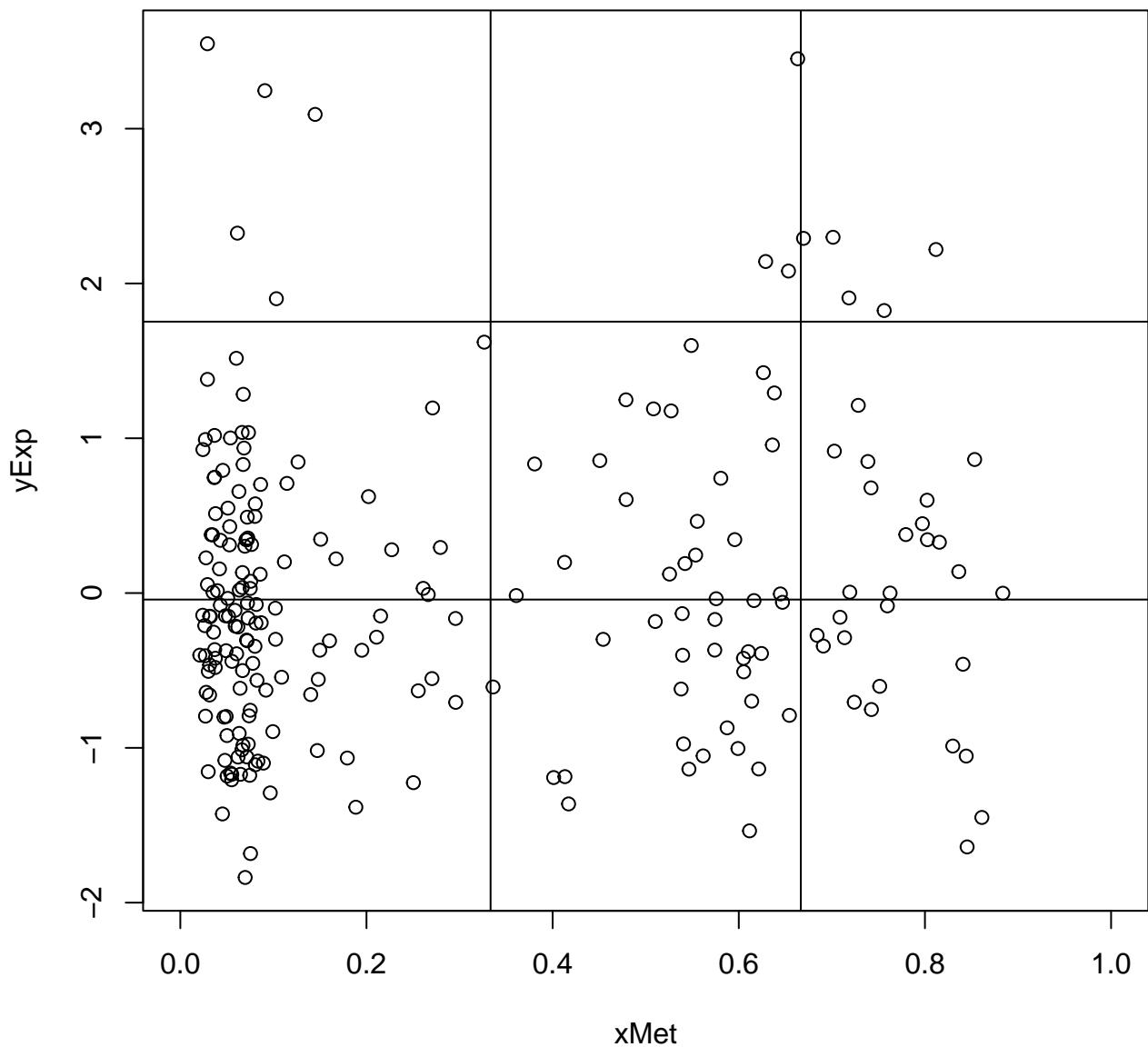
PRKG1, 224



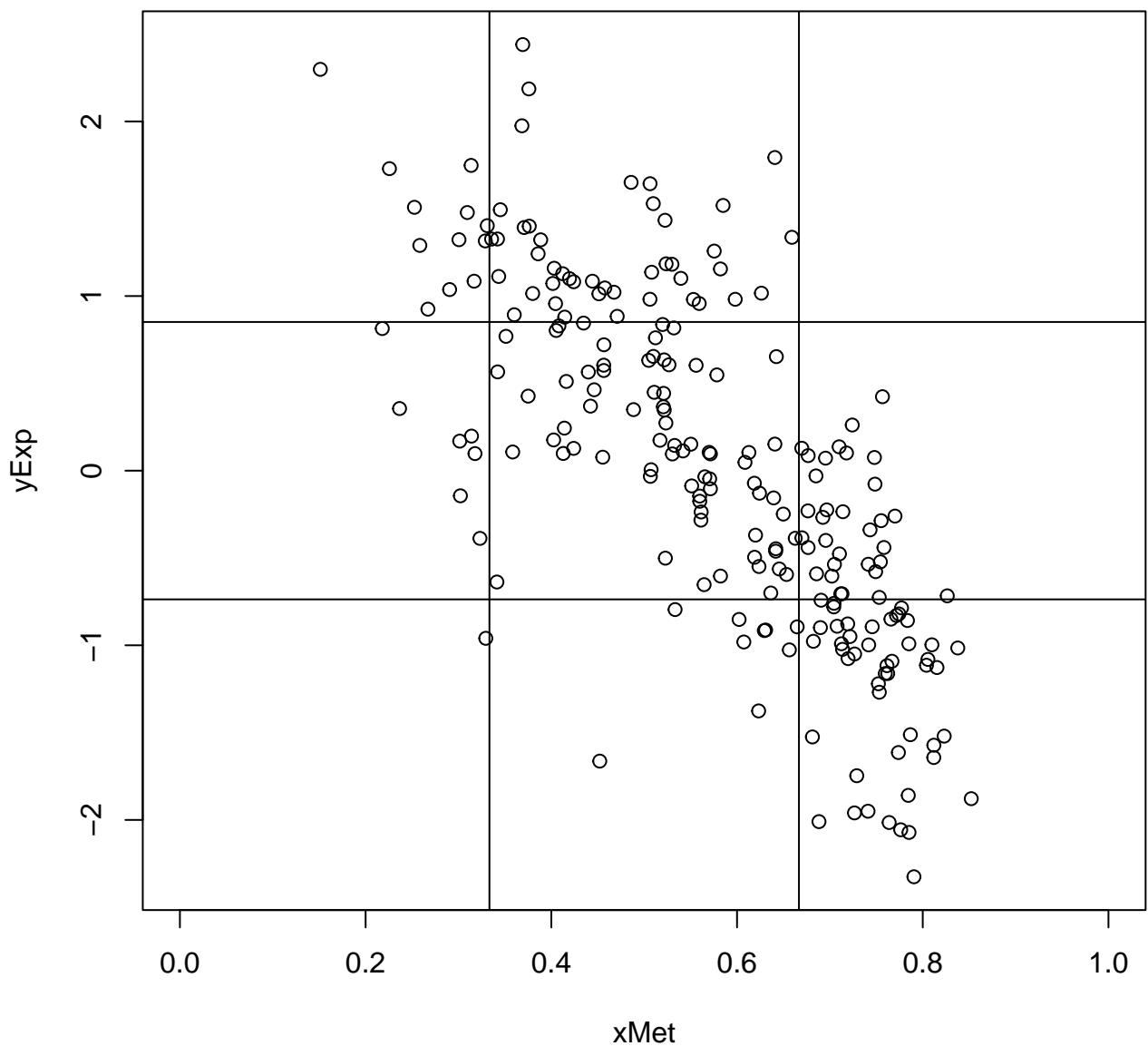
PRNP, 237



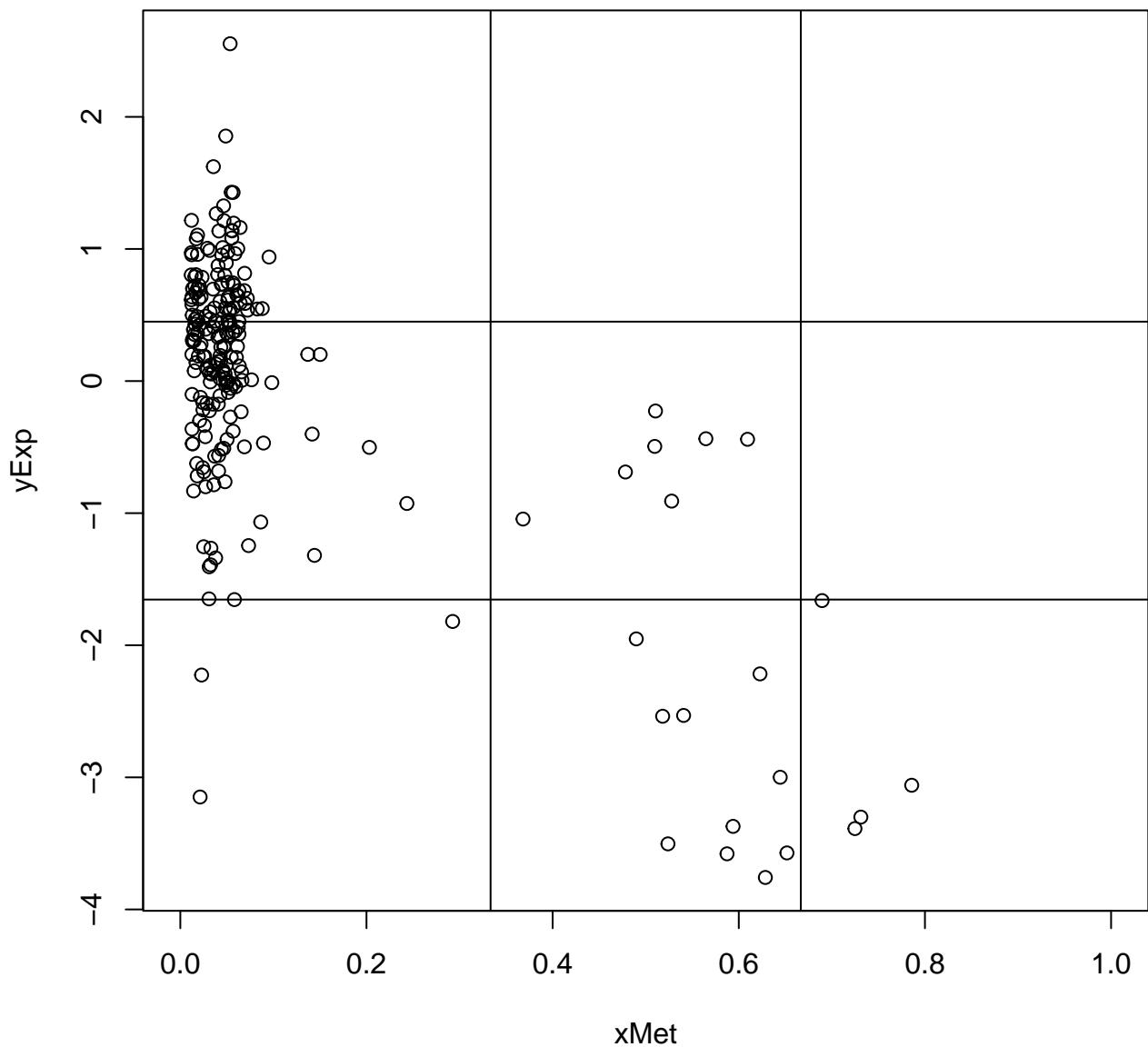
PROK2, -58



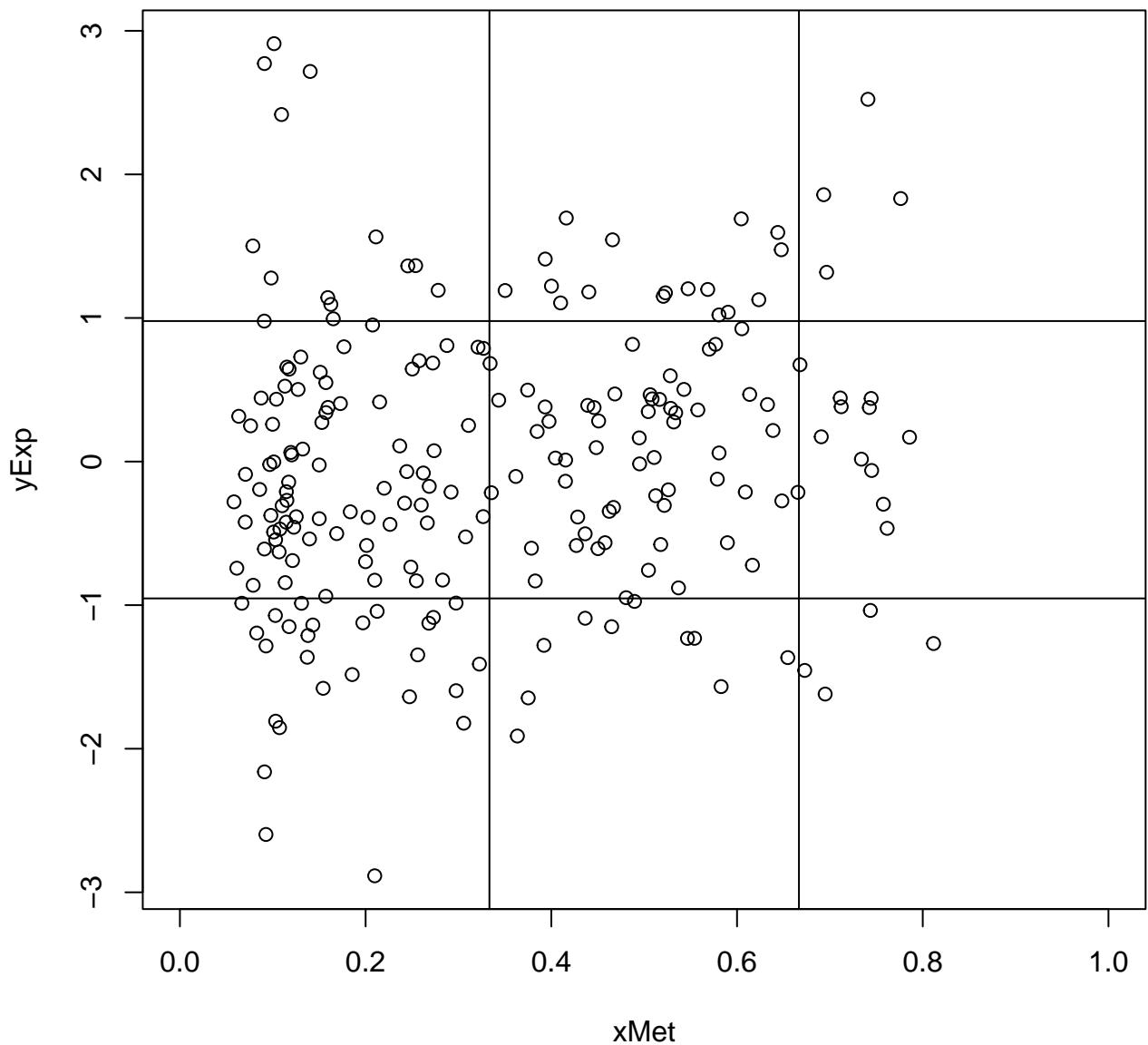
PROM2, -15



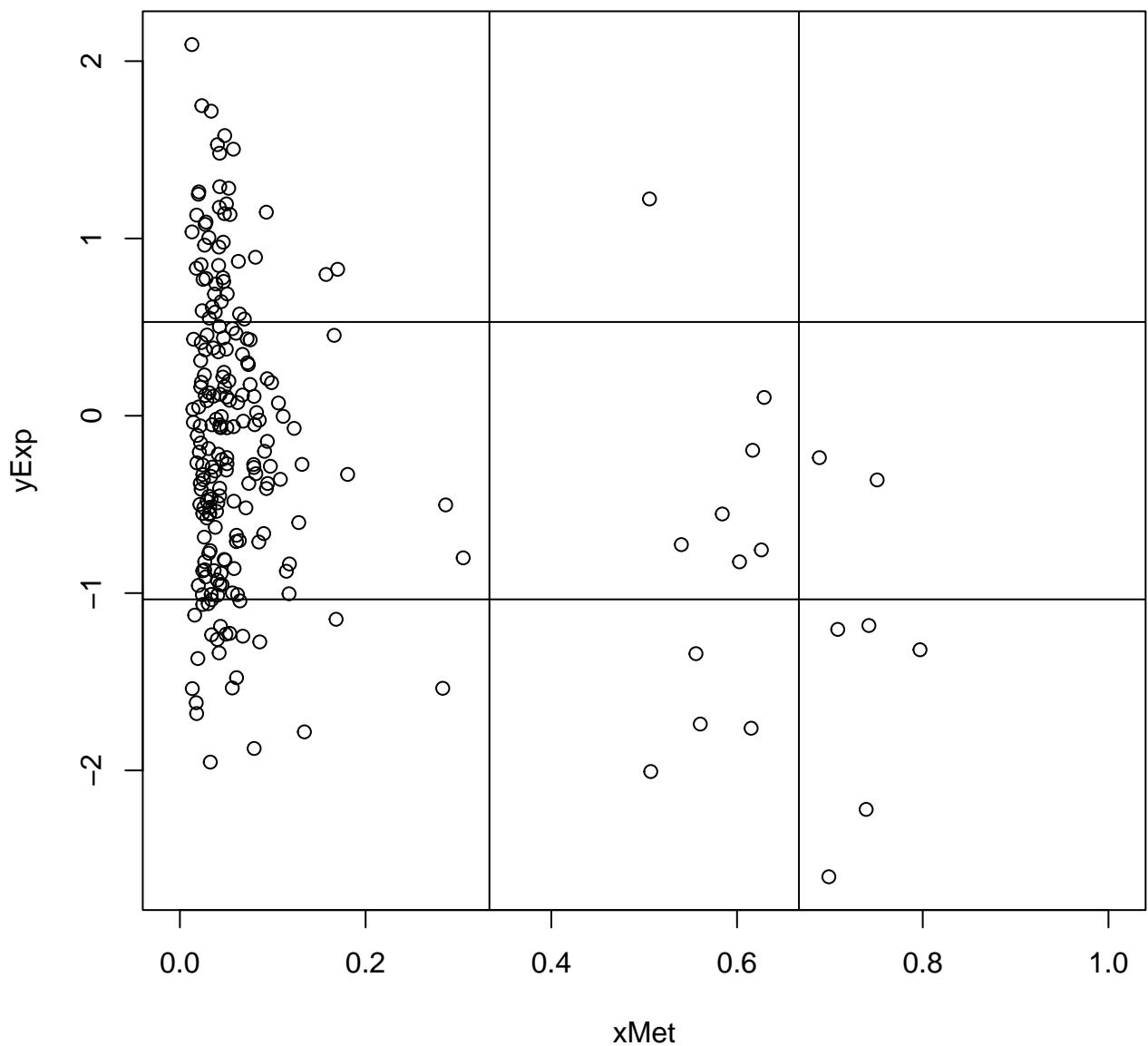
PROSER2, 303



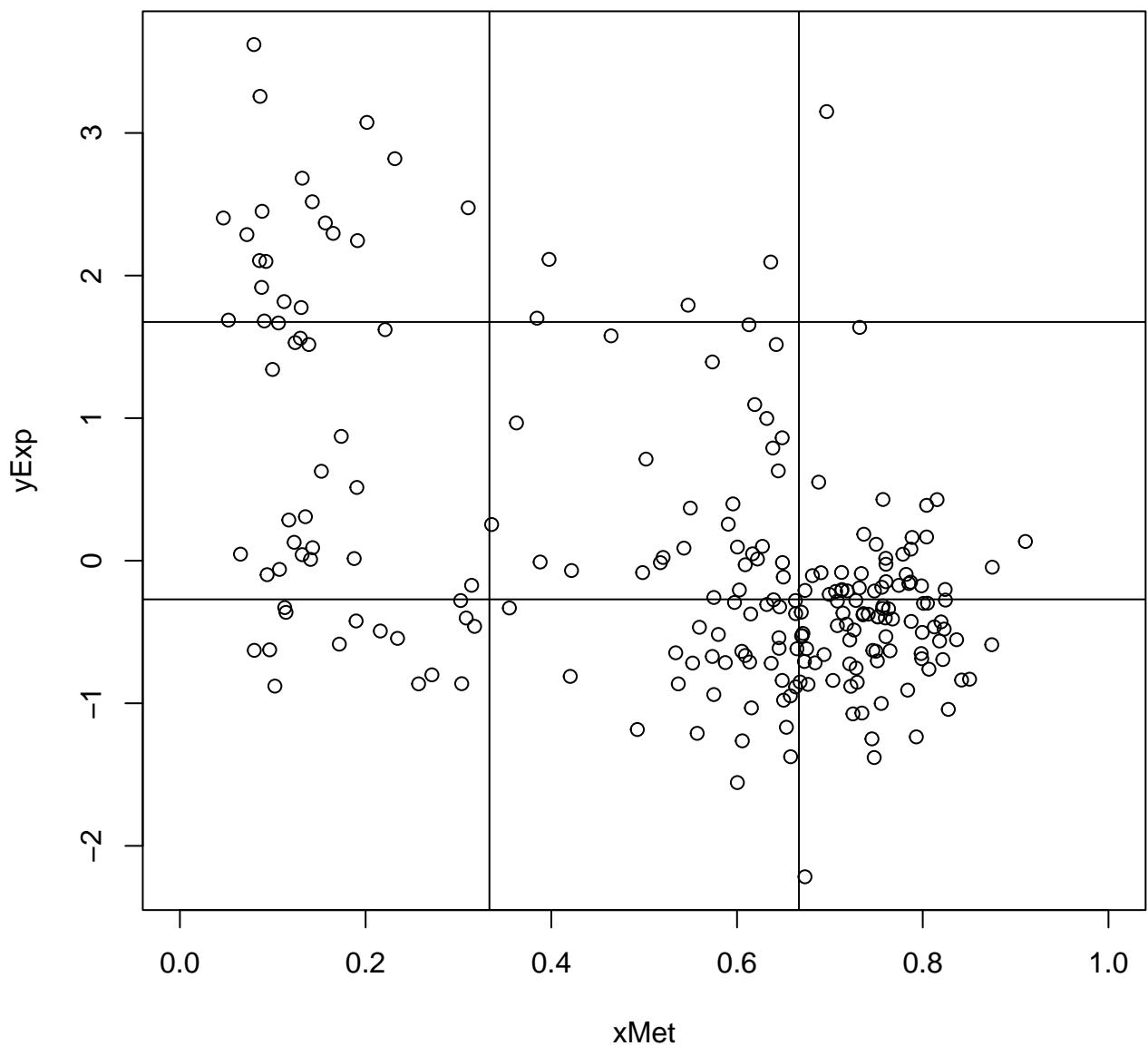
PRR3, -85.4



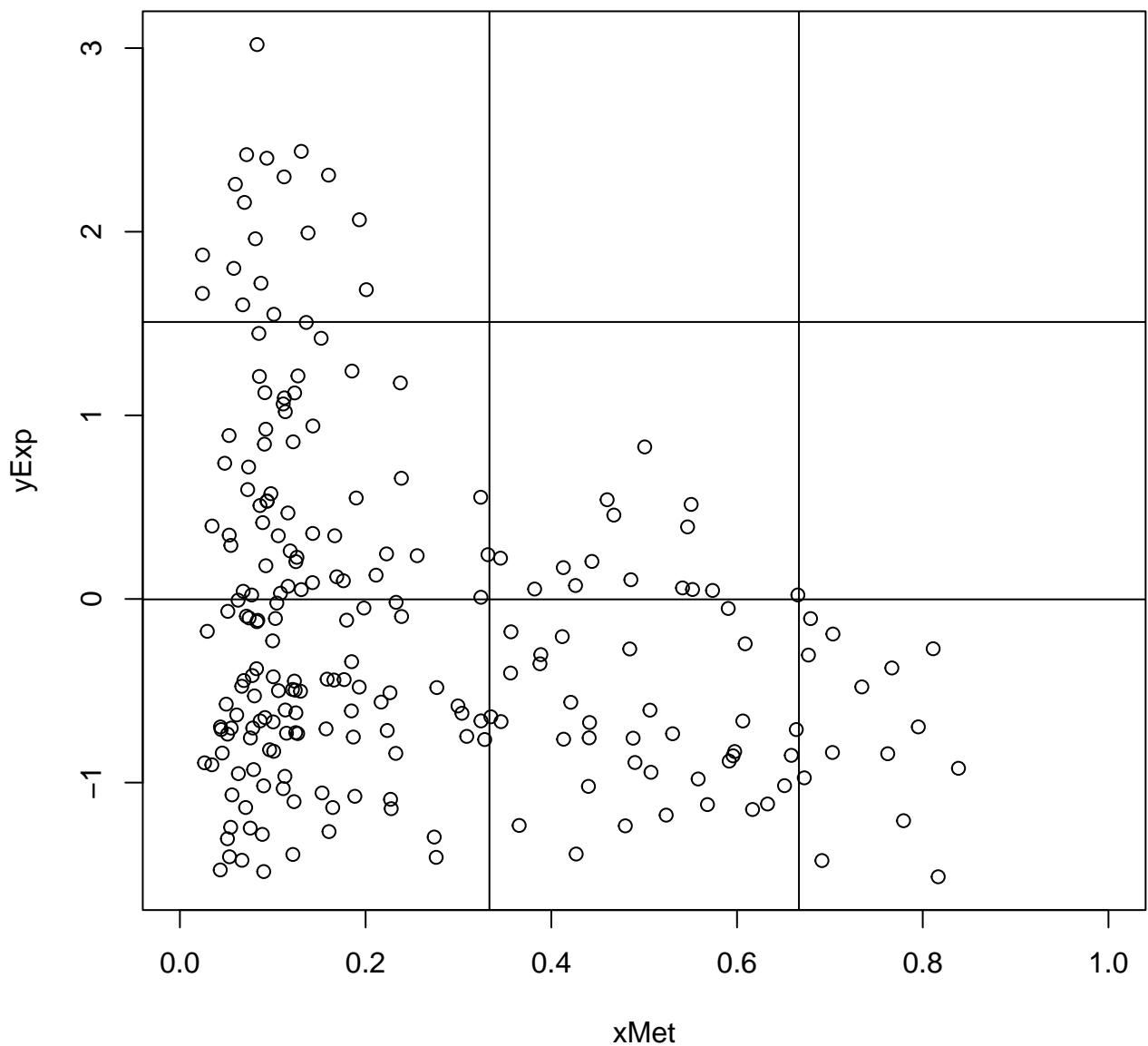
PSTPIP2, 258



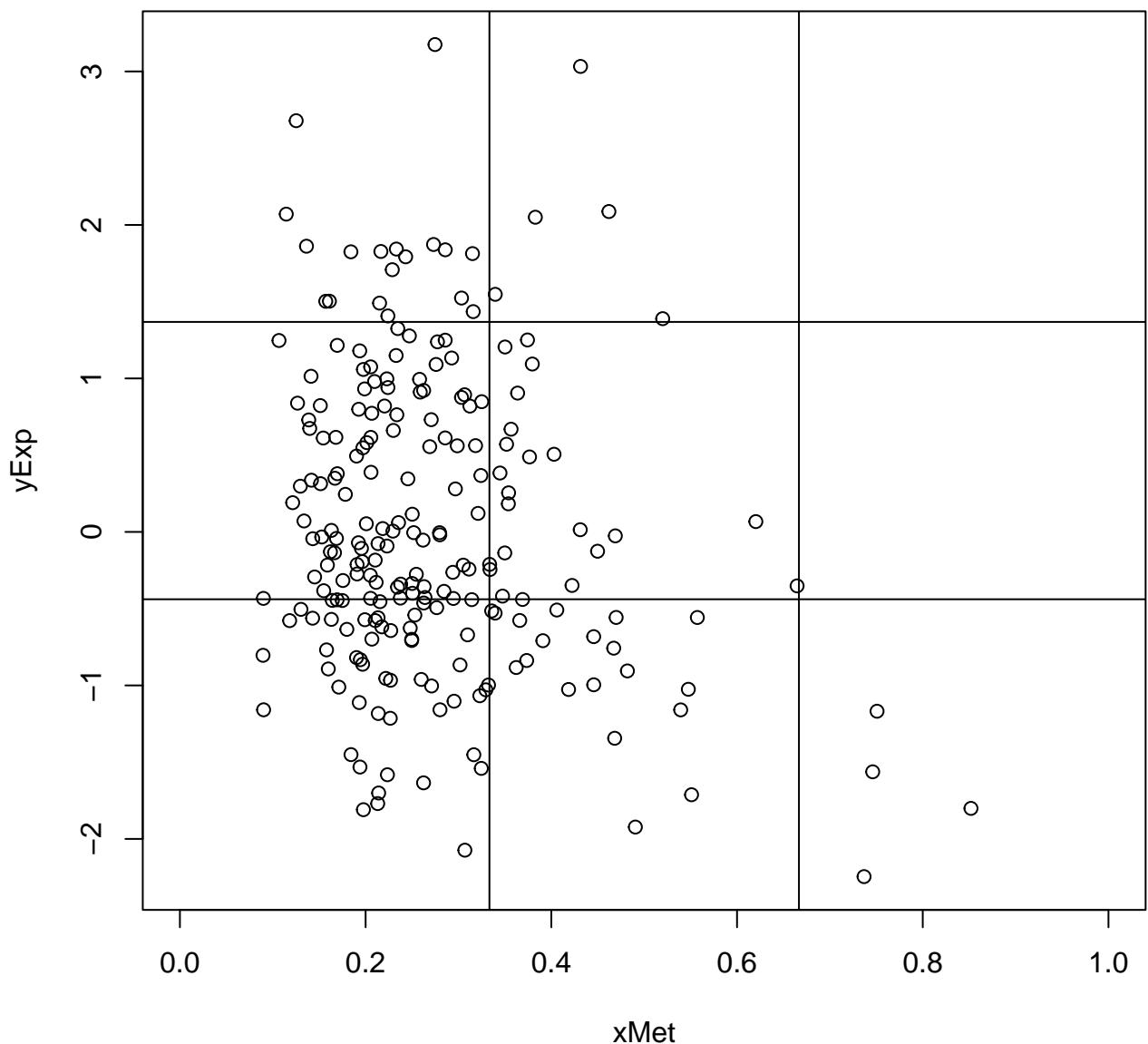
PTF1A, 113.4



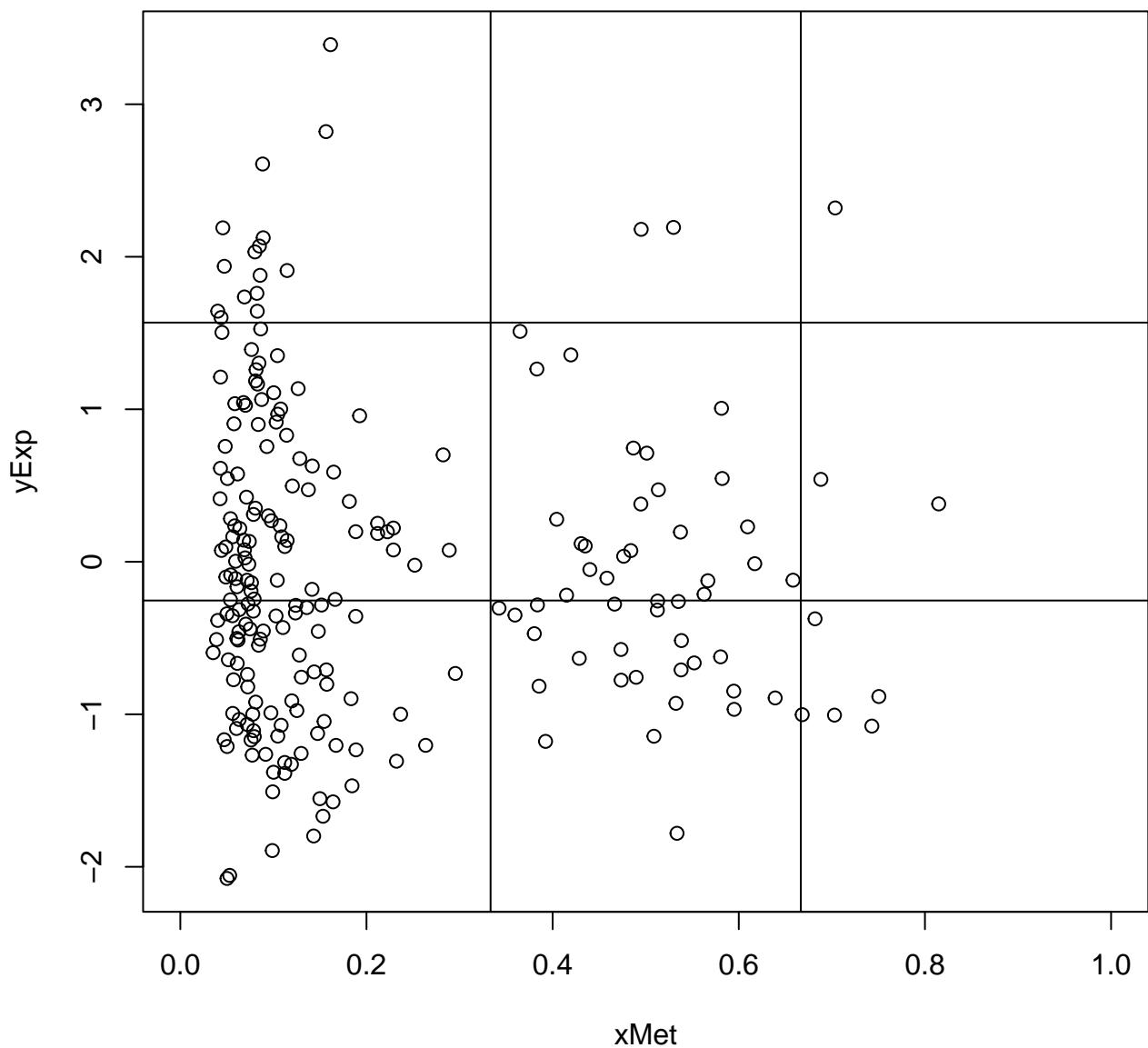
PTGDR, 240



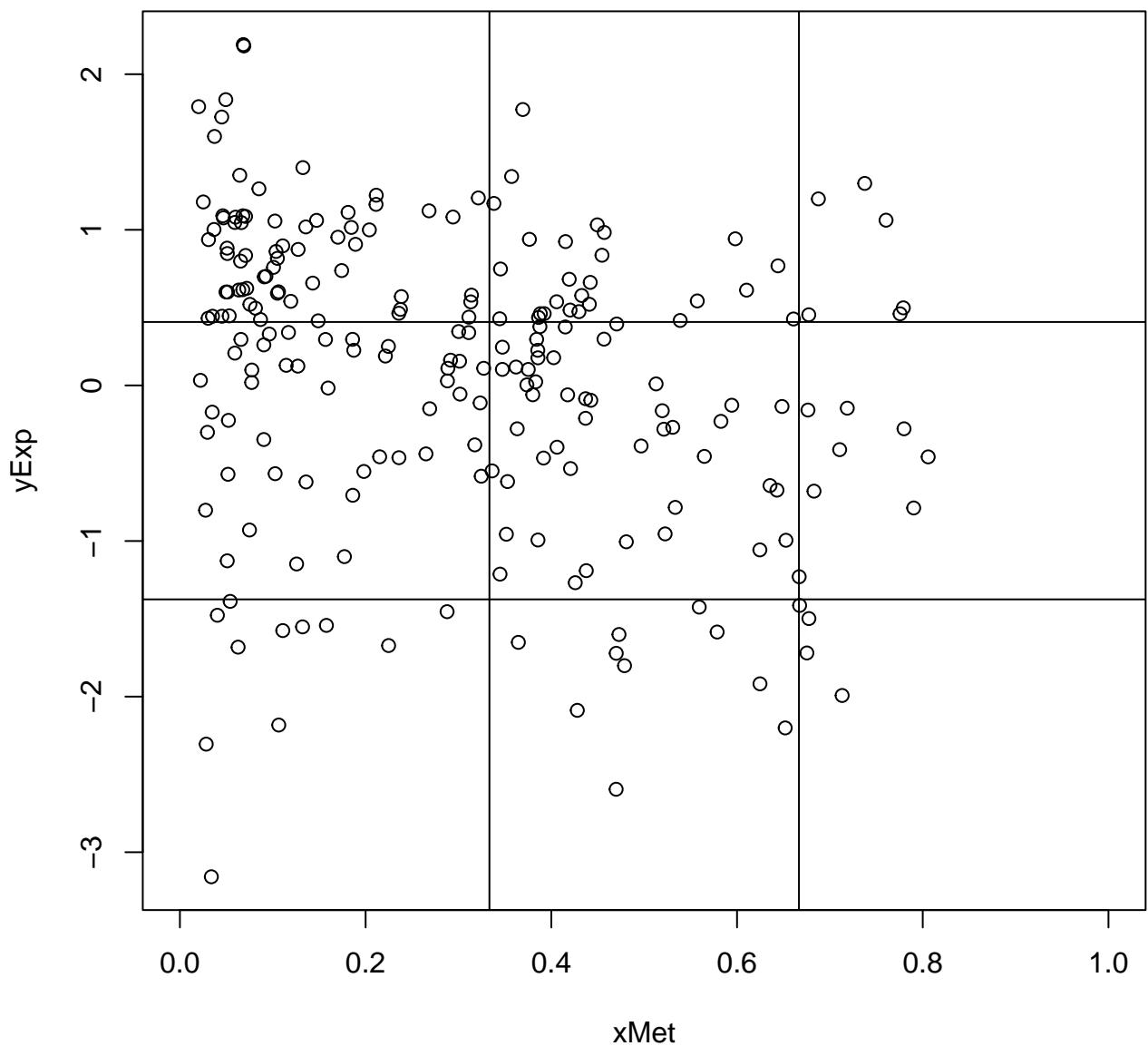
PTGES, 209



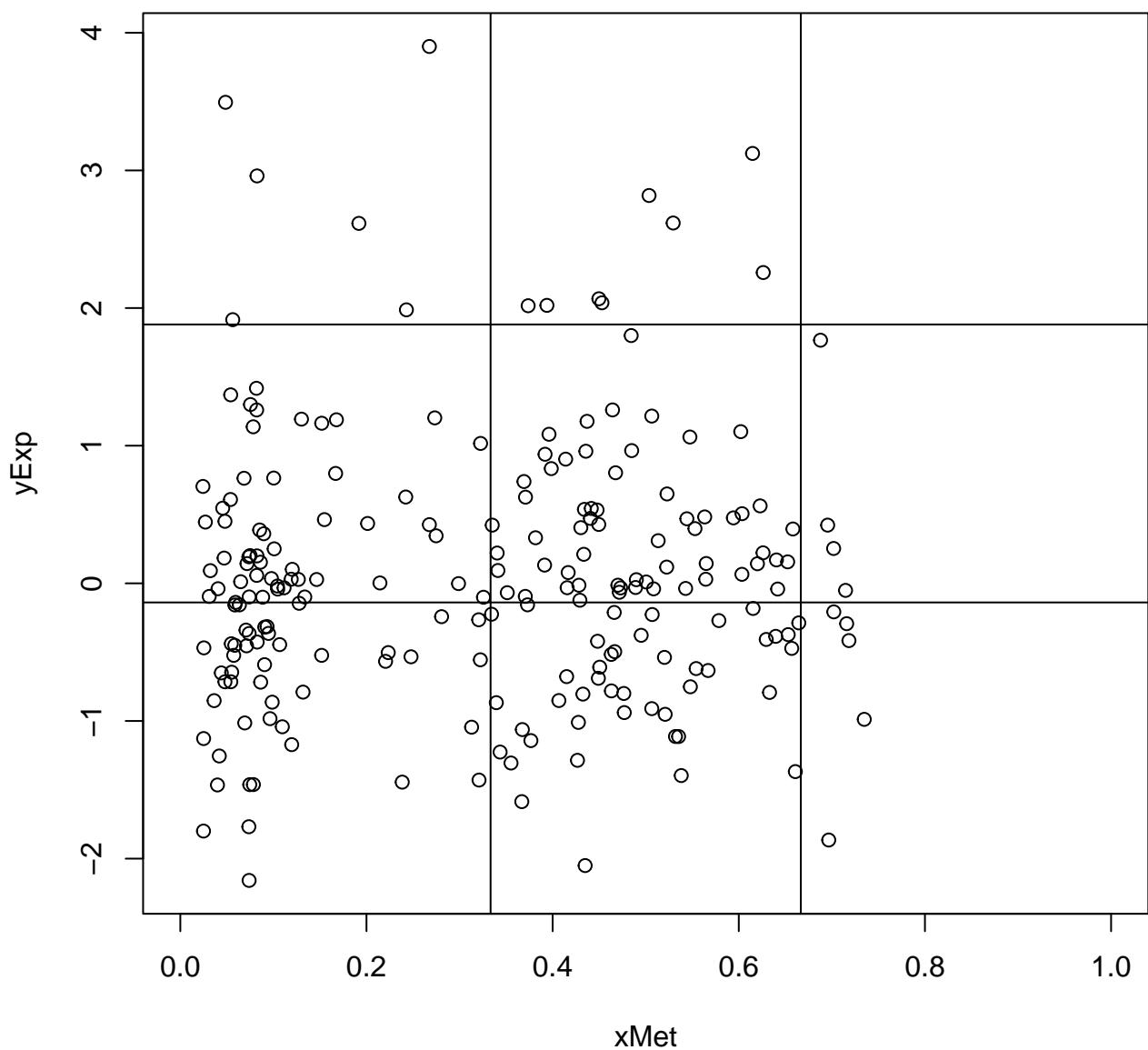
PTGS2, 162.4



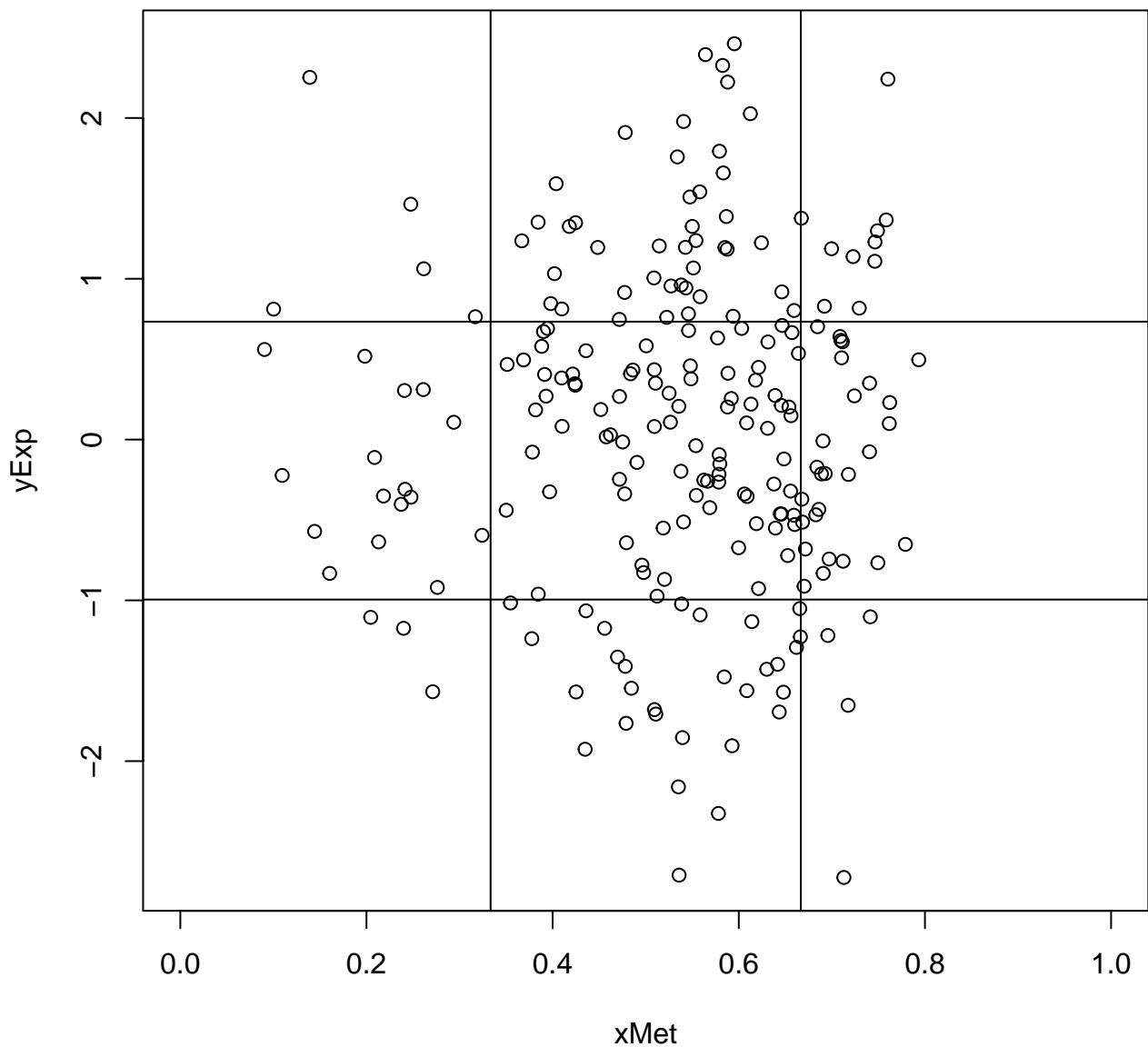
PTPRO, -127.6



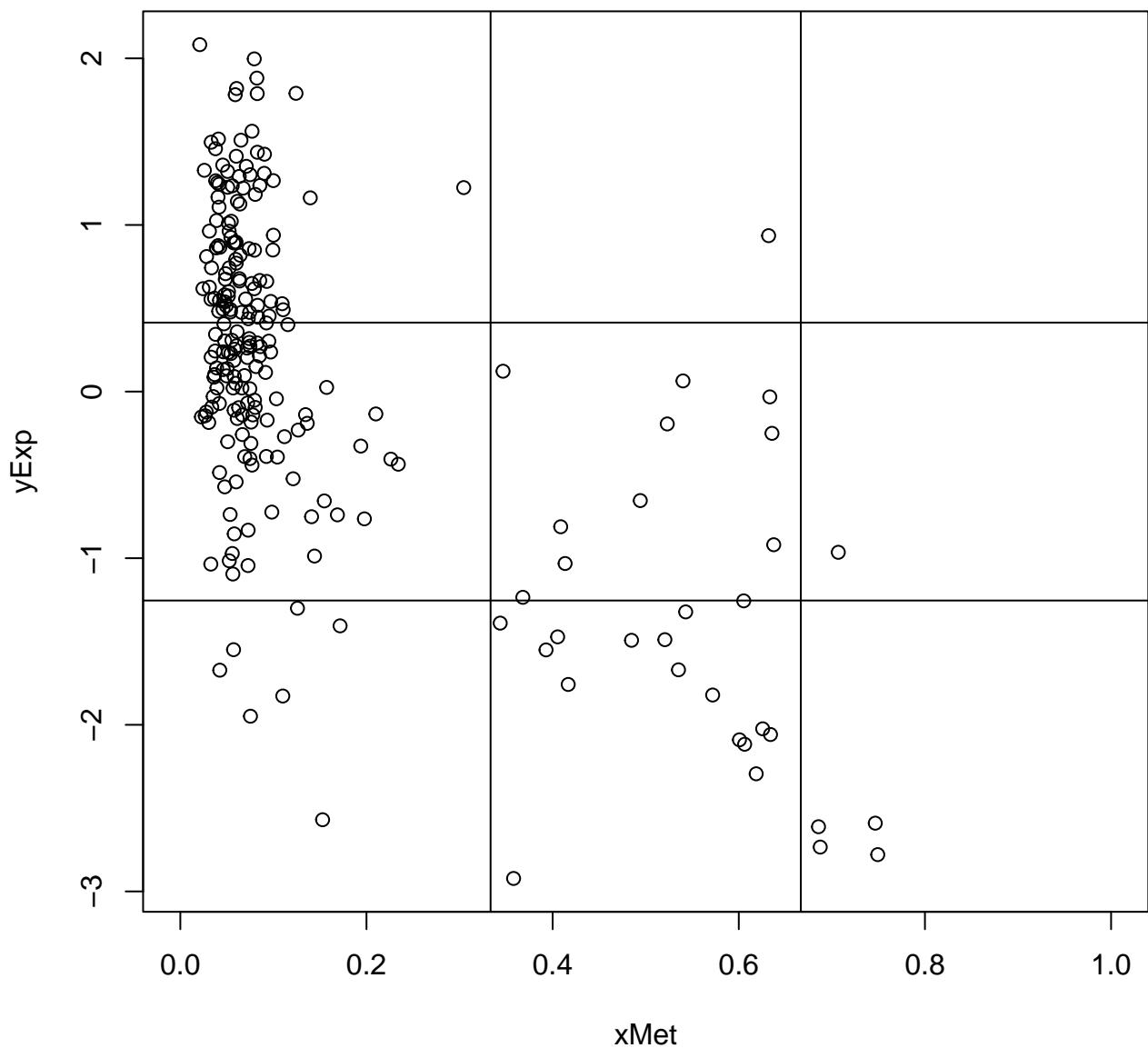
PTX3, 139



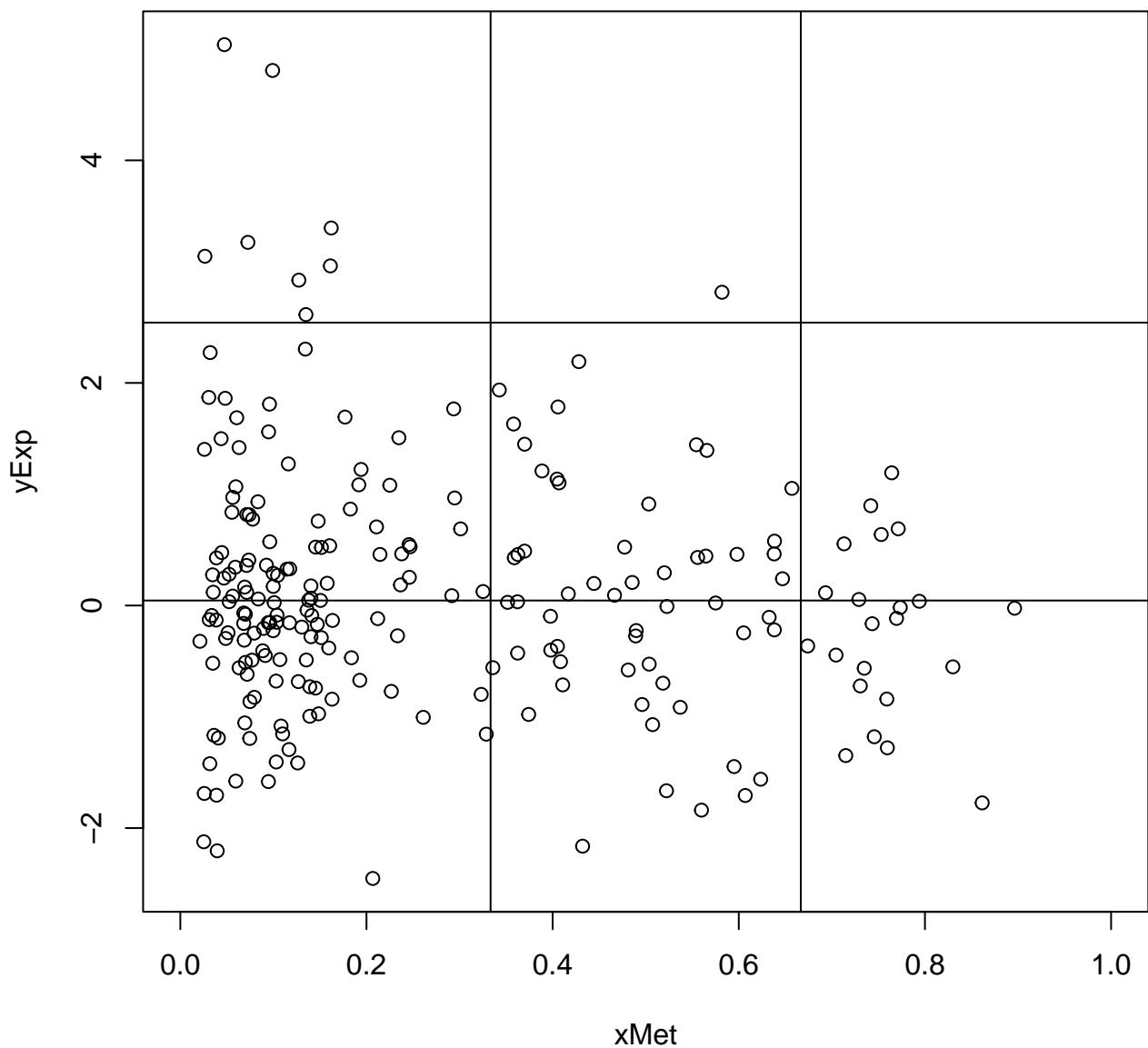
RAB11FIP4, -518



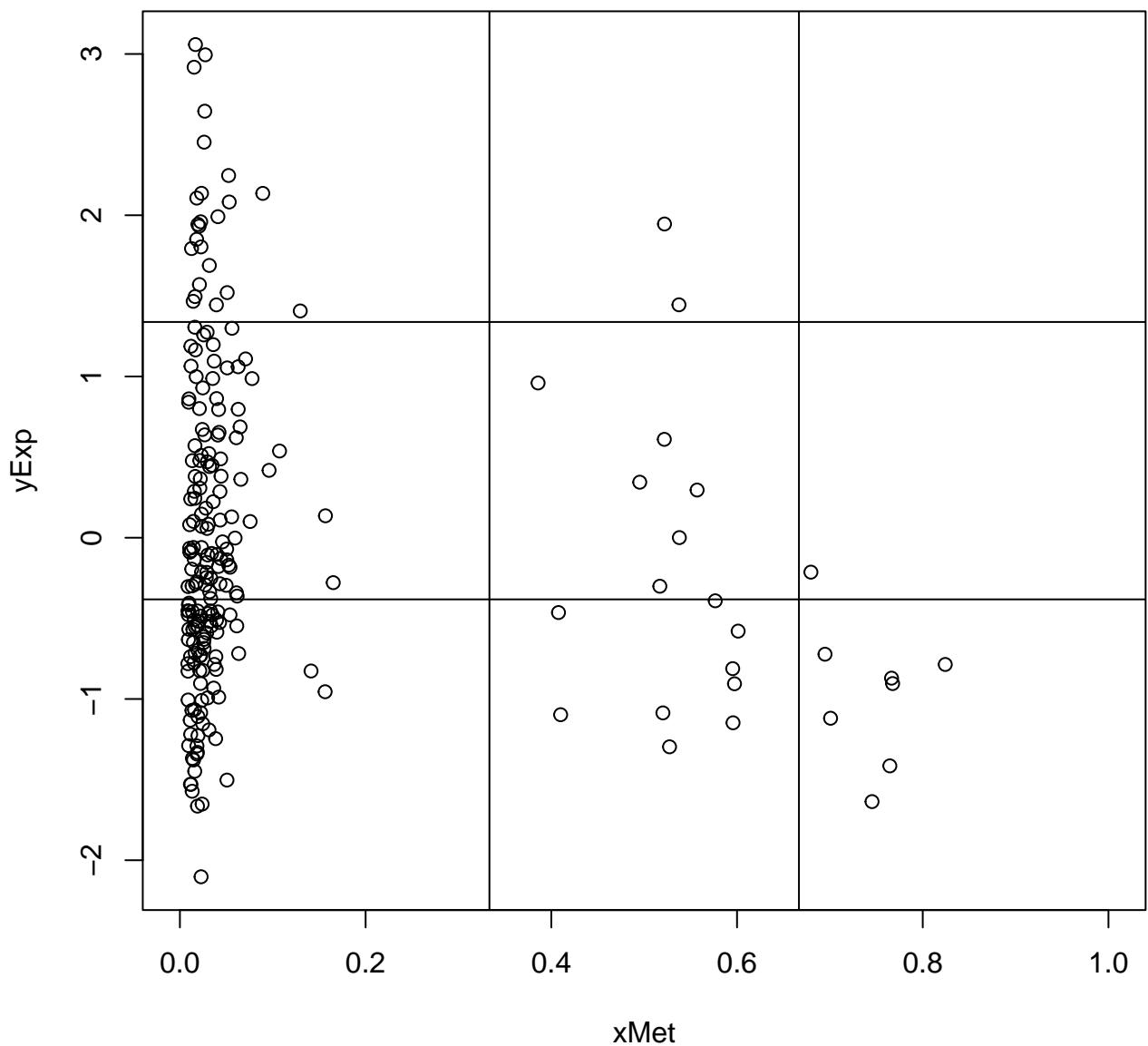
RAB32, 302



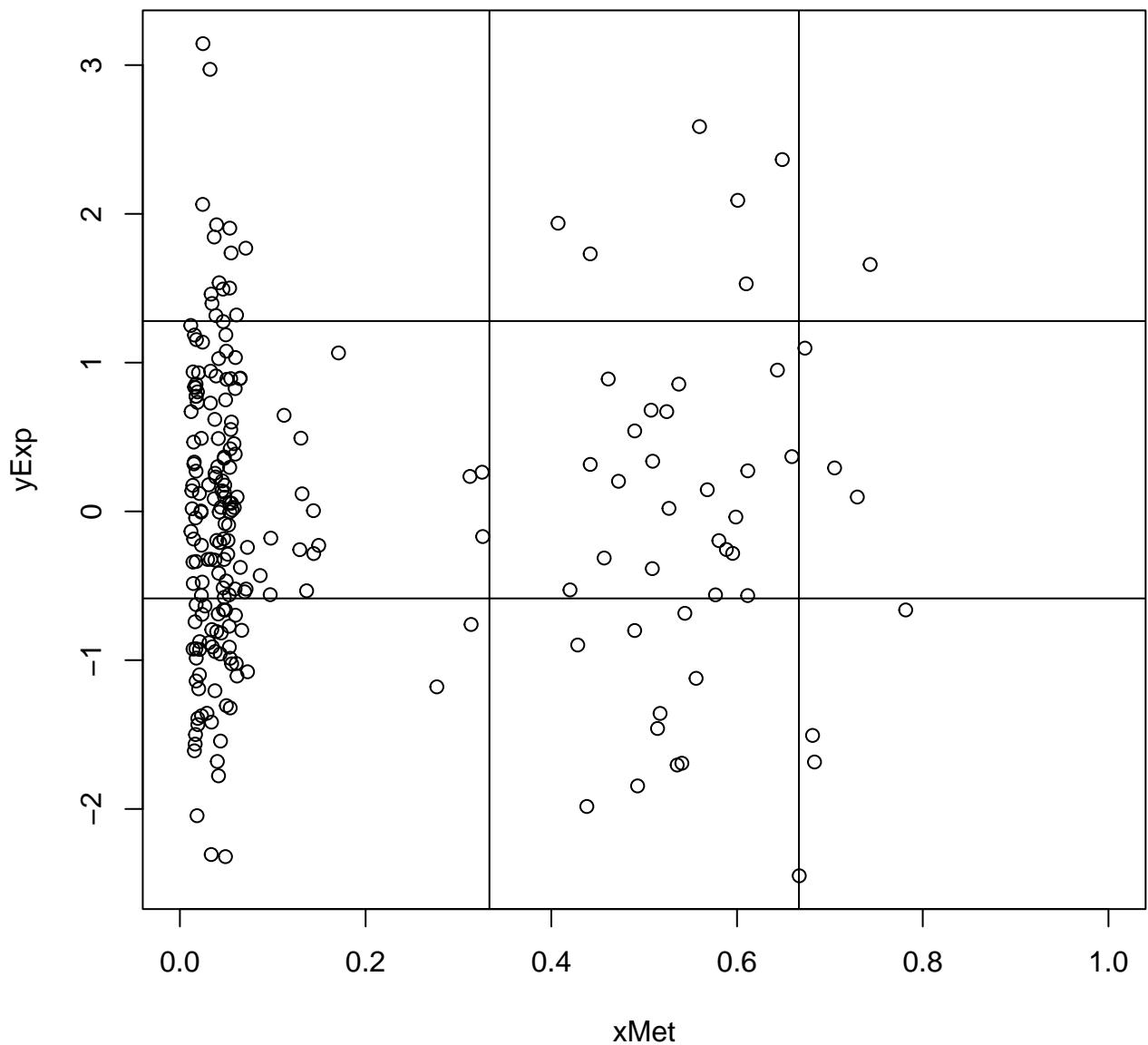
RAB3C, 195



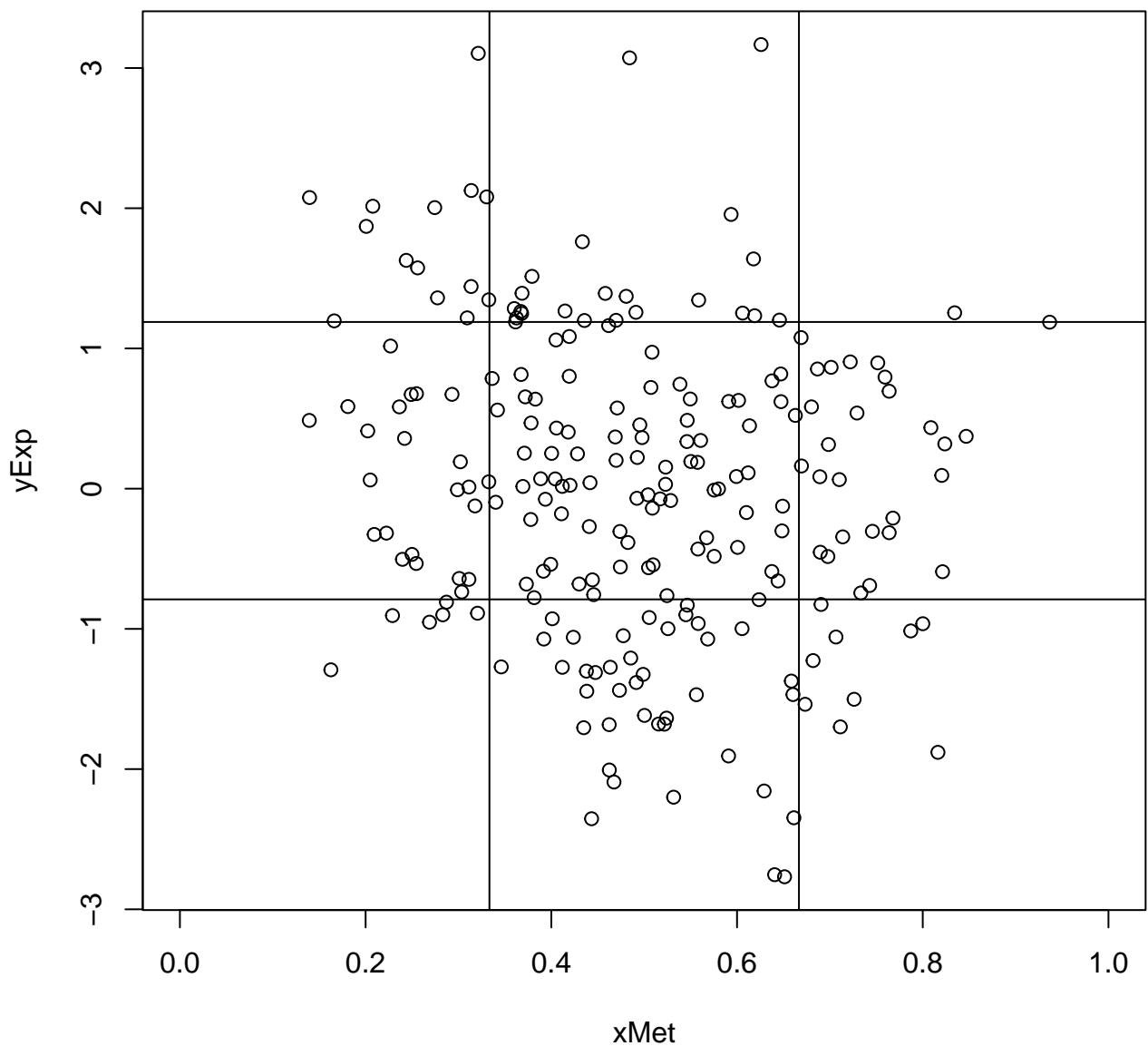
RAB6B, 239



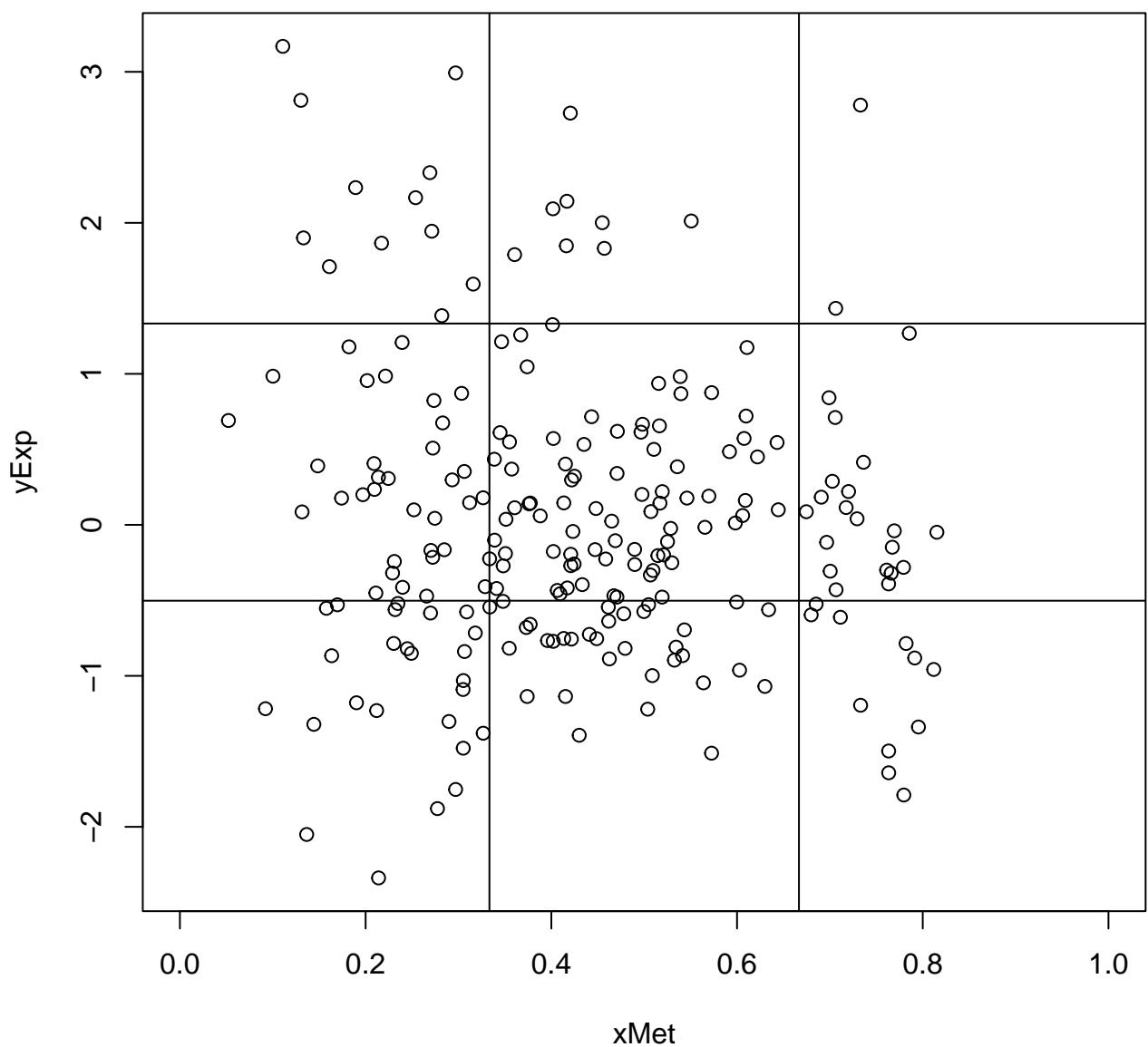
RAC3, 147.4



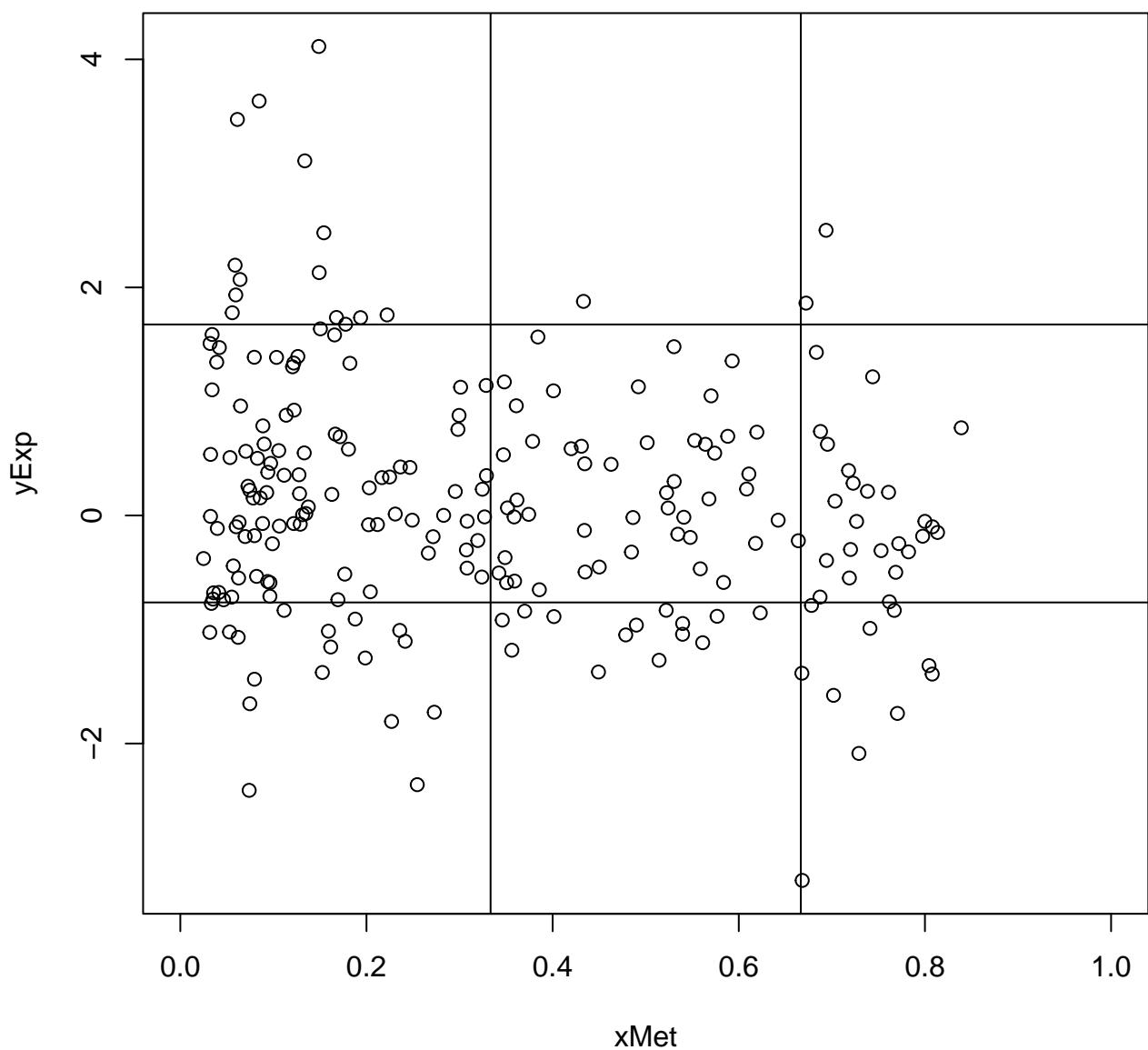
RAD51C, -25.6



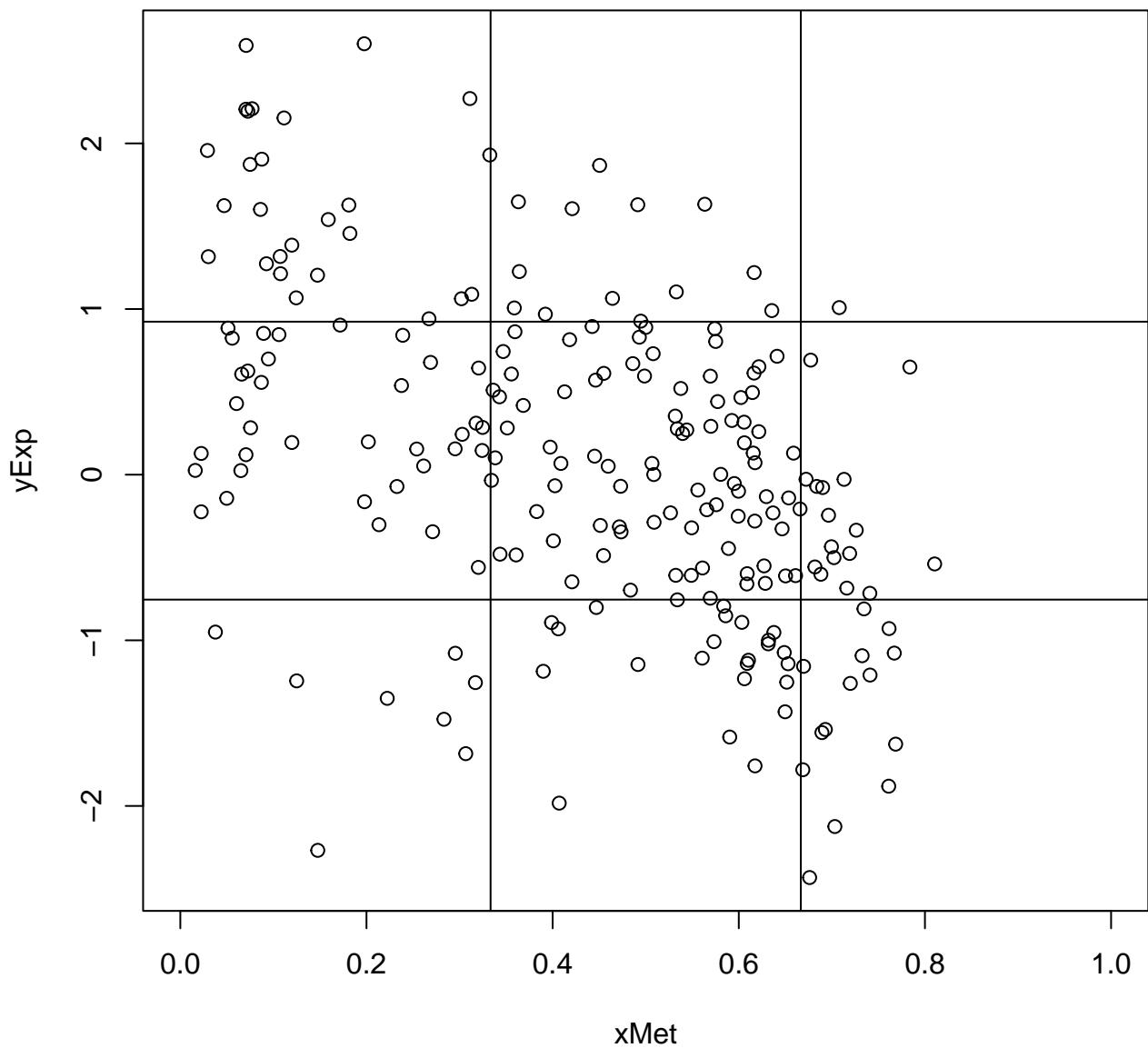
RAD9B, -8.2



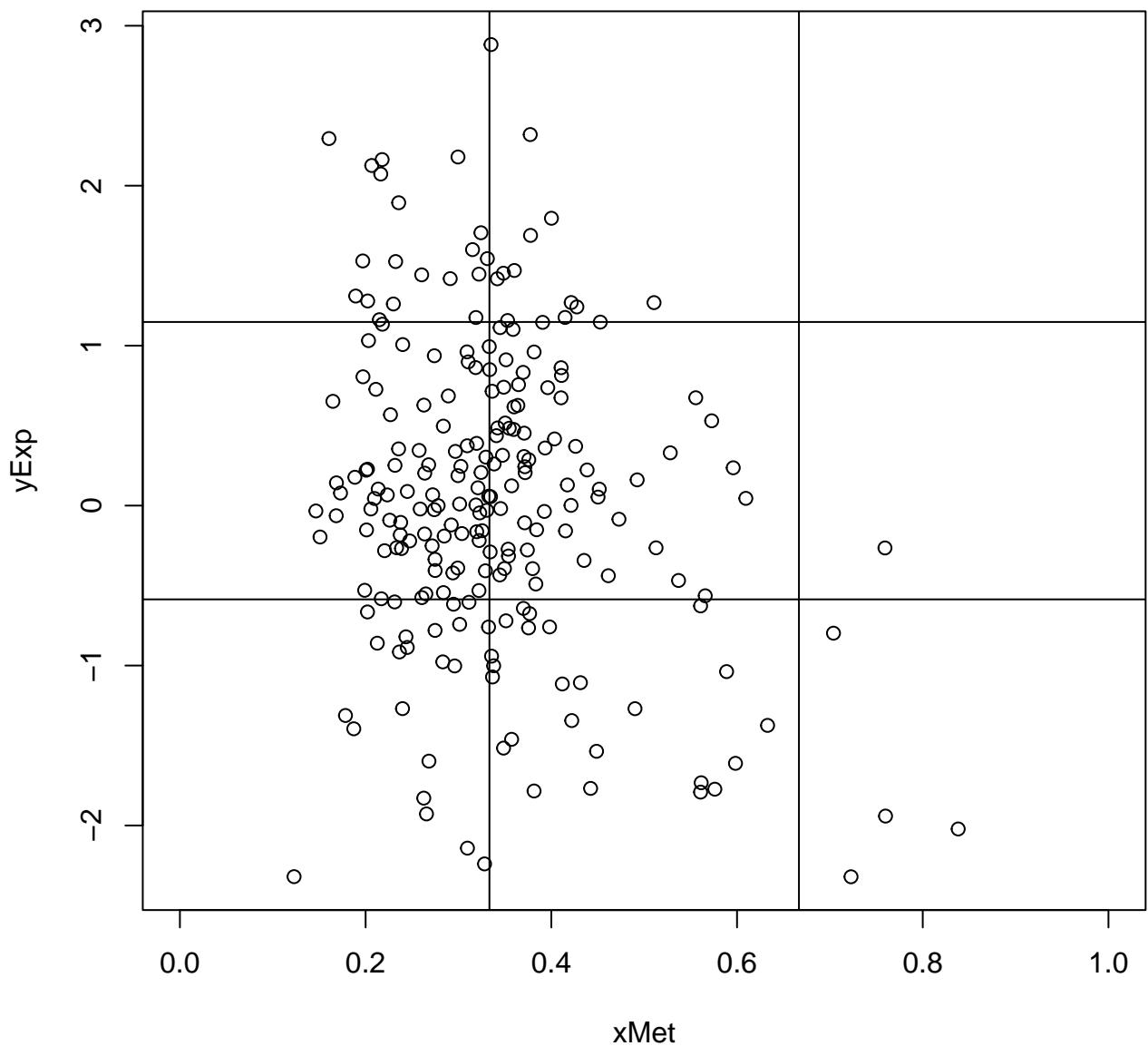
RAMP2, 32.8



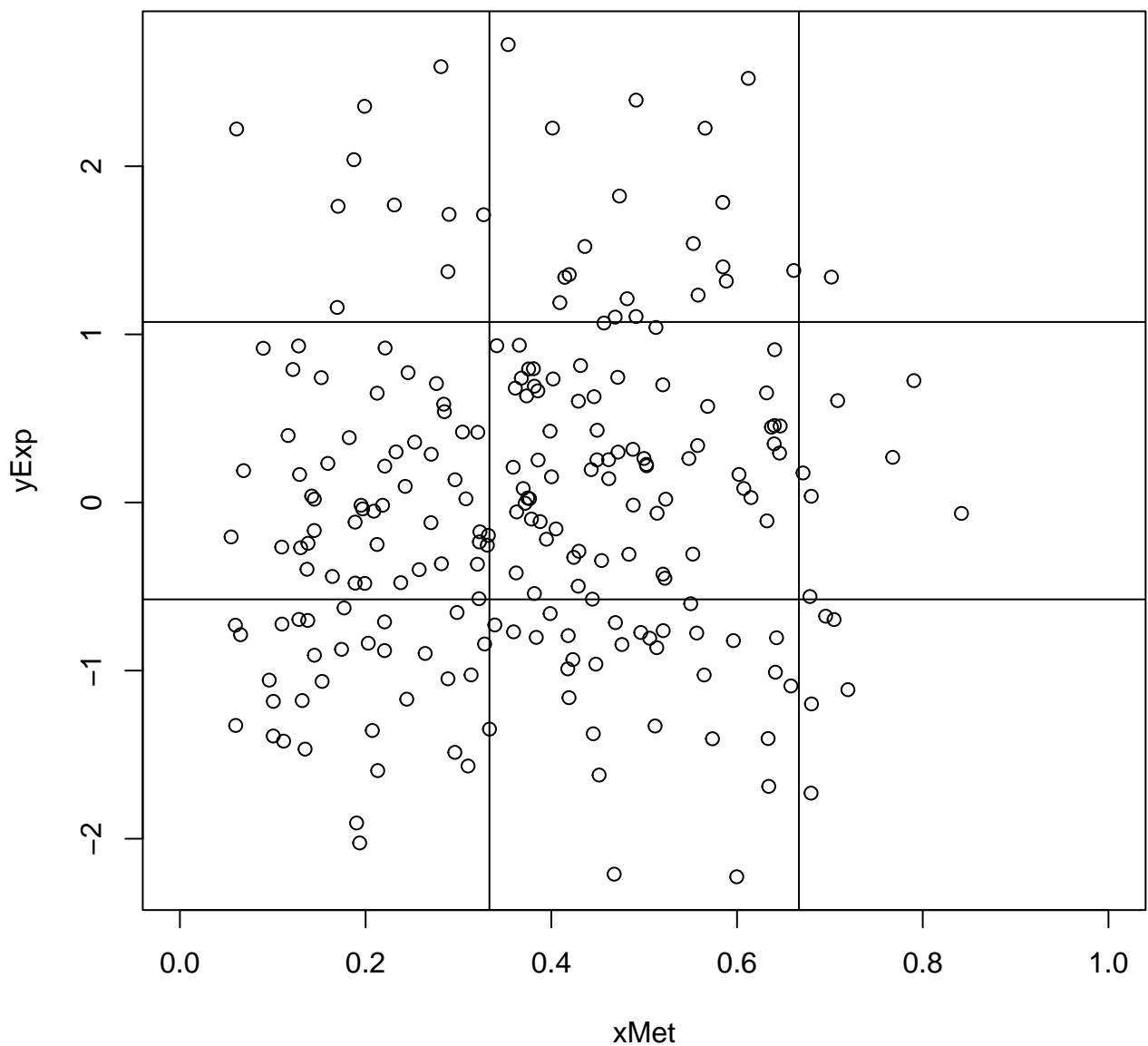
RARB, 44.4



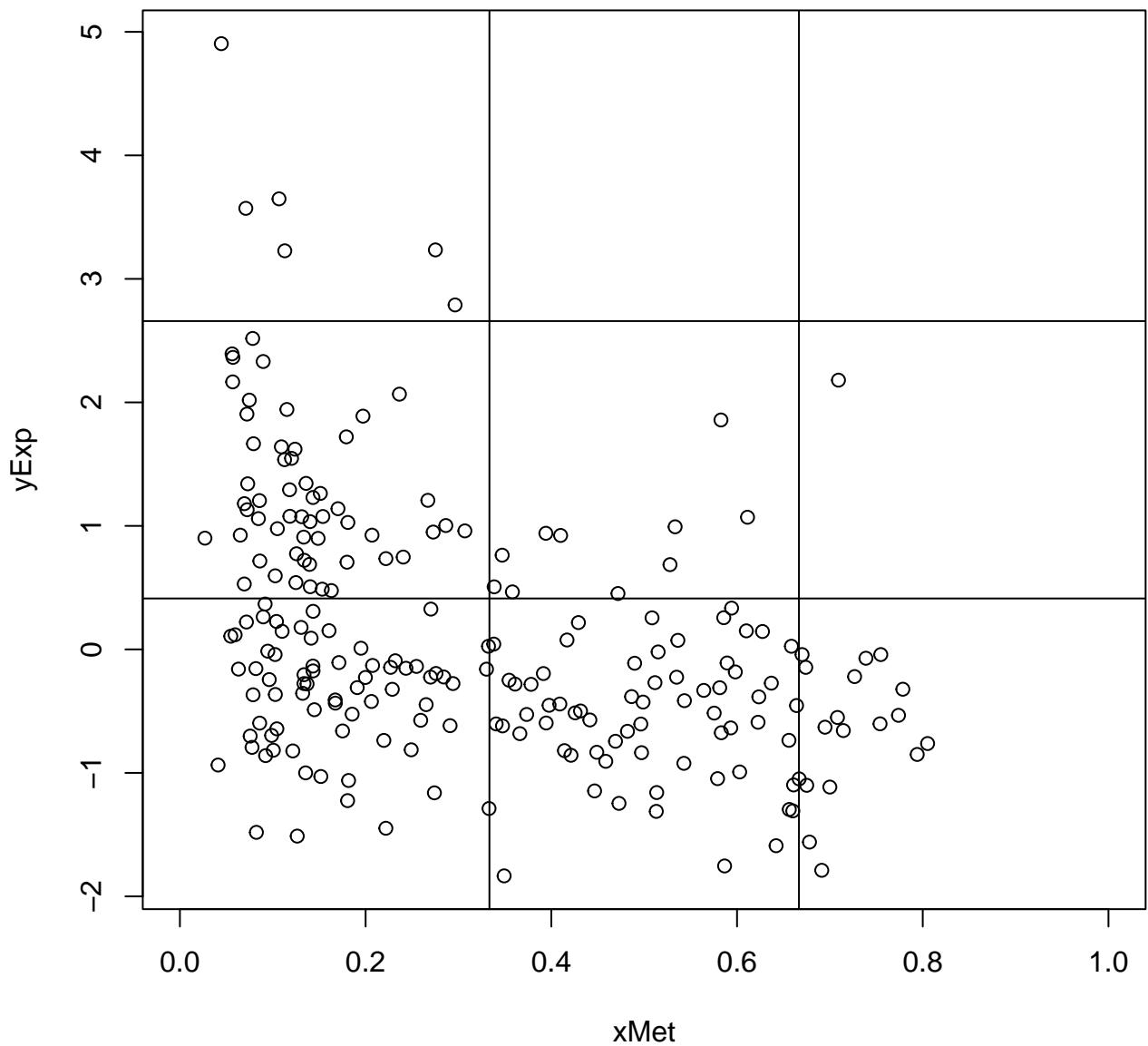
RARRES1, 143



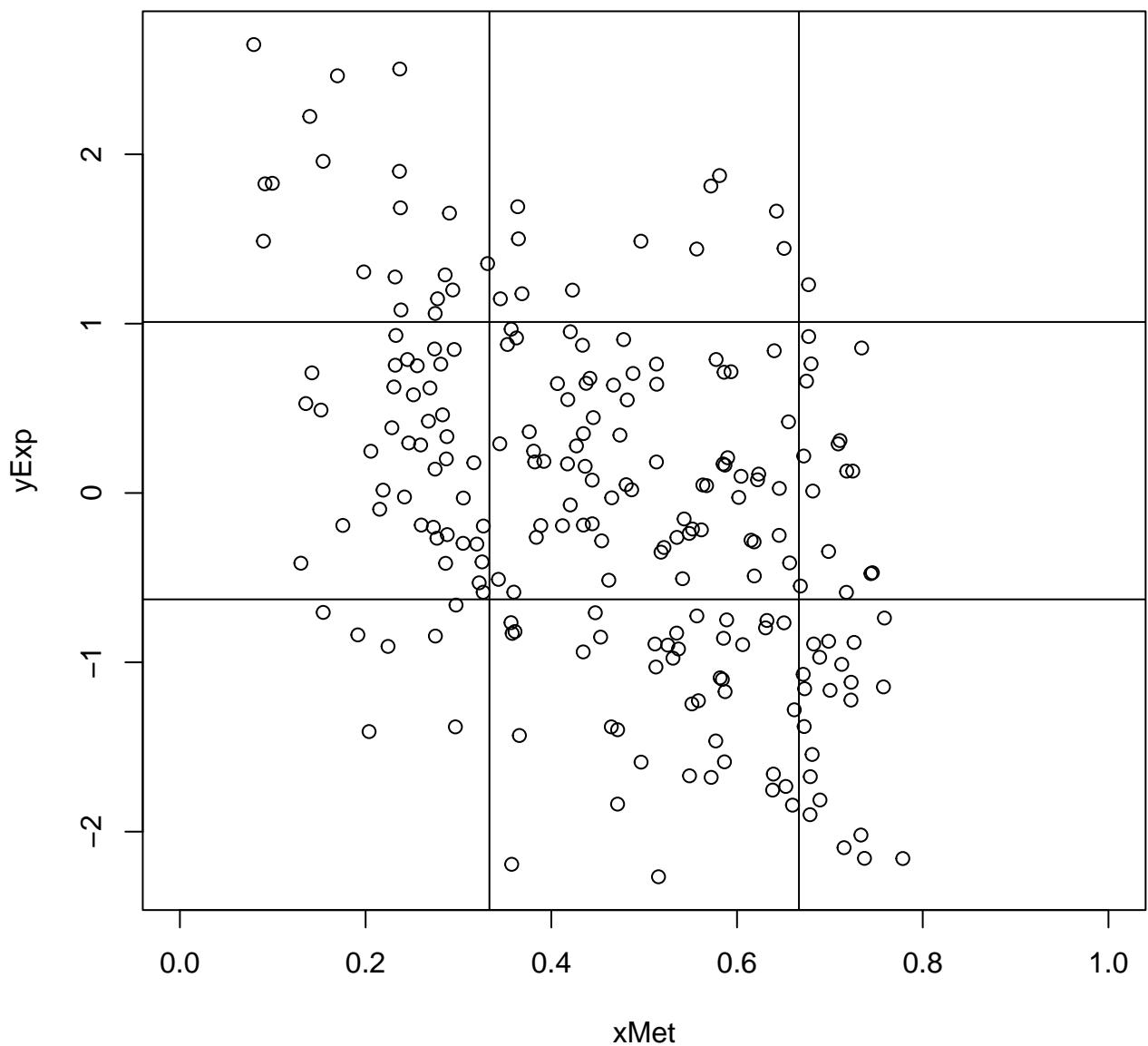
RASL10A, 46.4



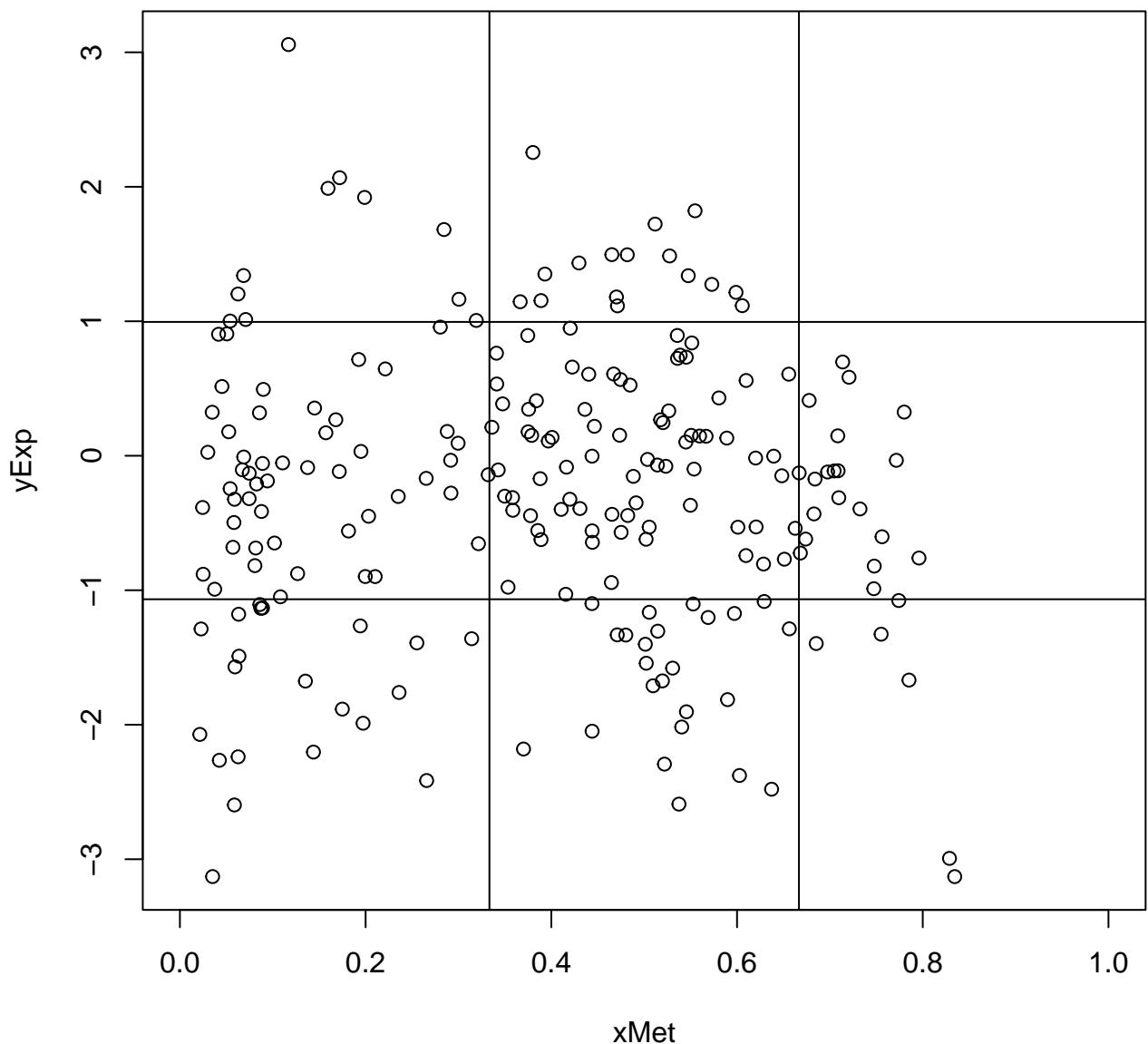
RASL10B, 234



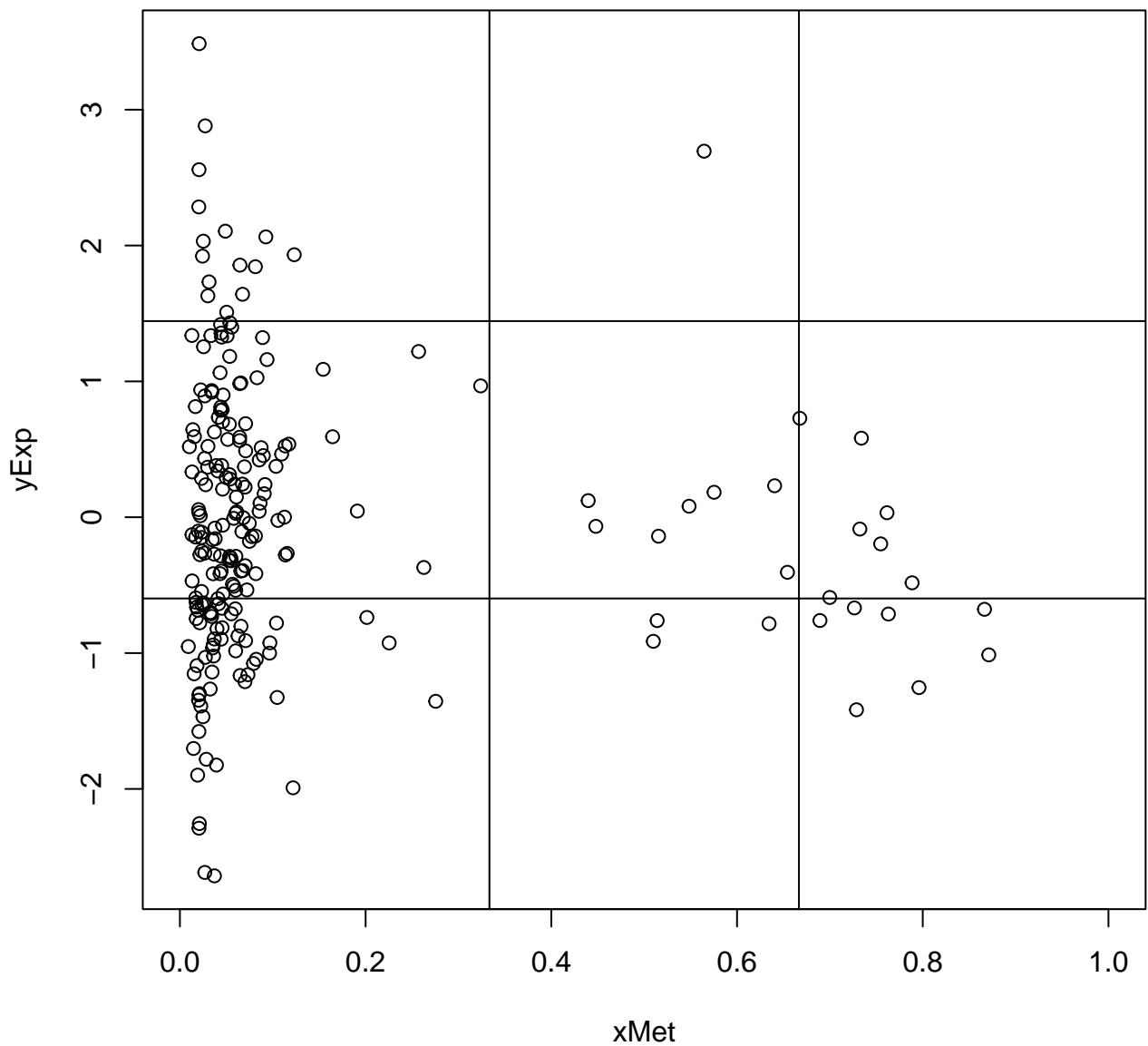
RASSF1, 70.4



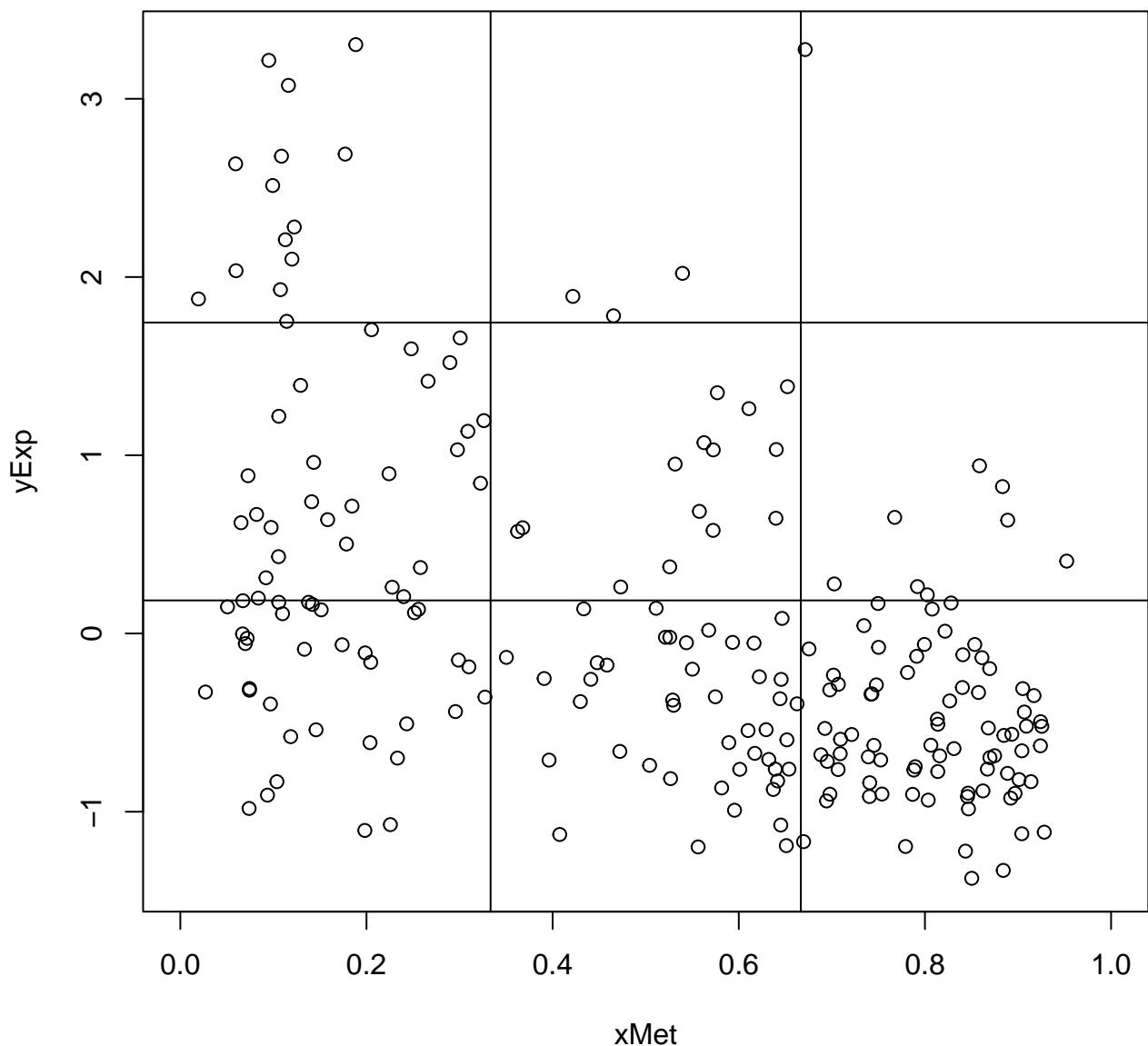
RASSF2, 57



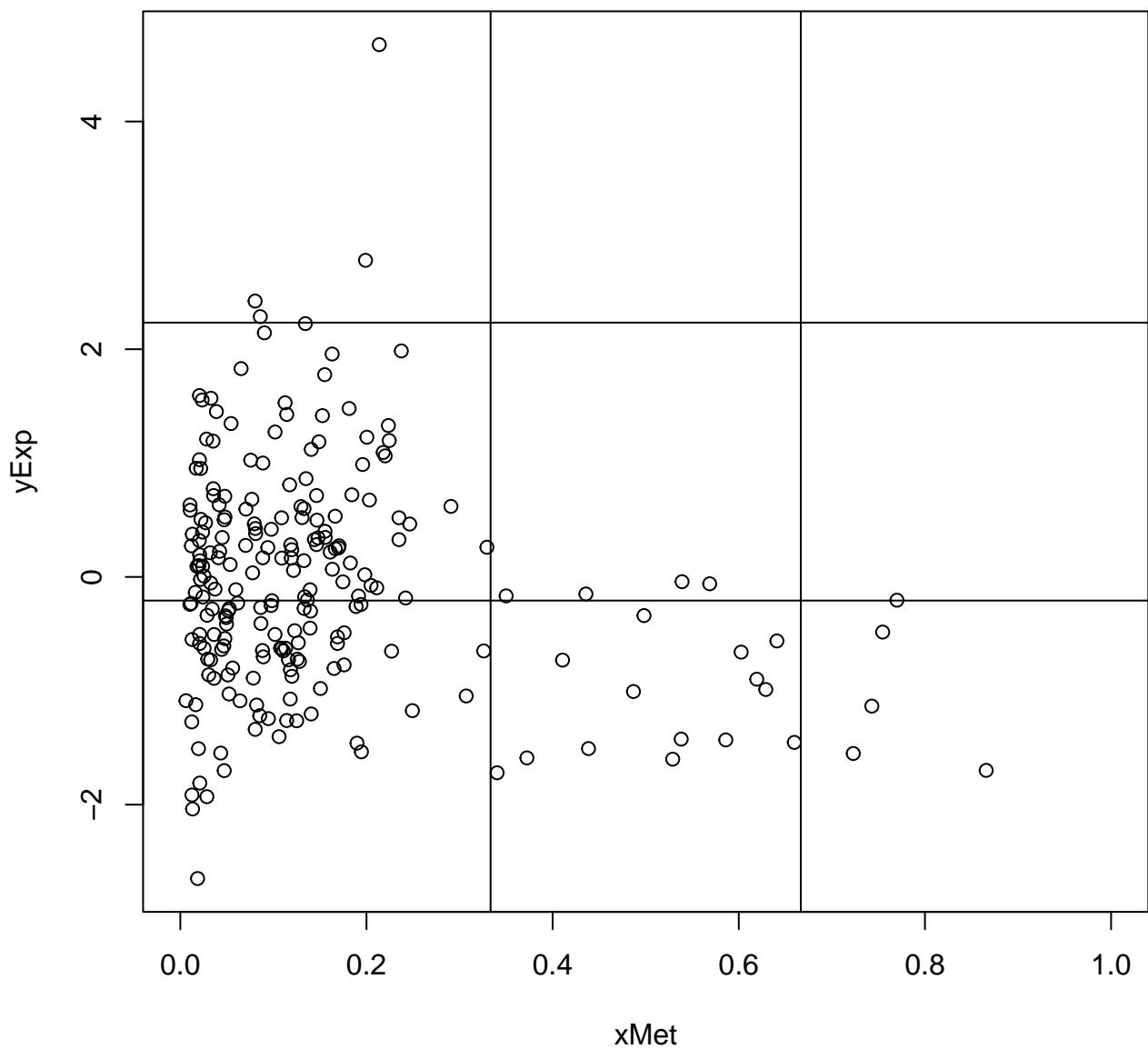
RASSF8, 214



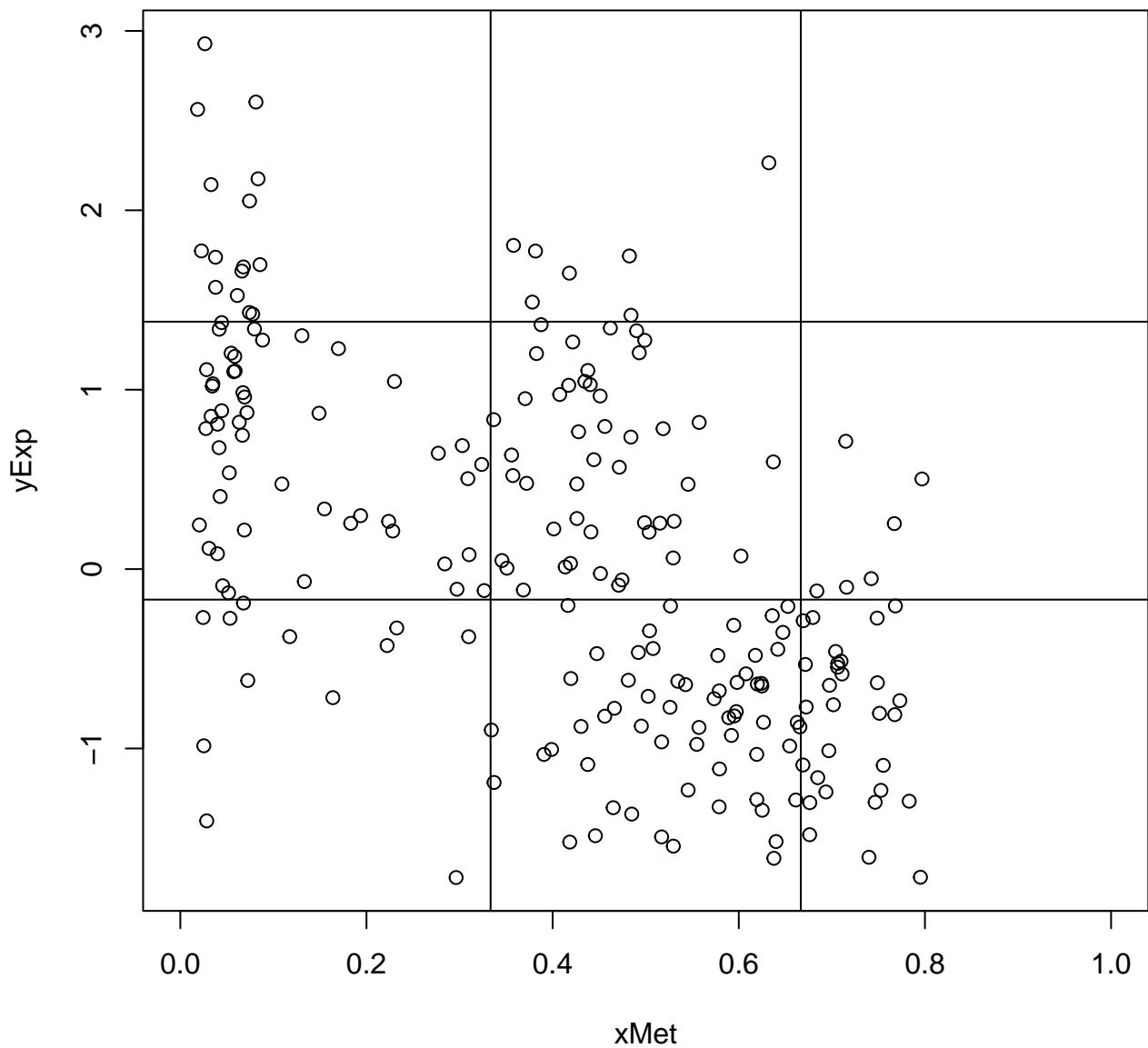
RBAKDN, 222.4



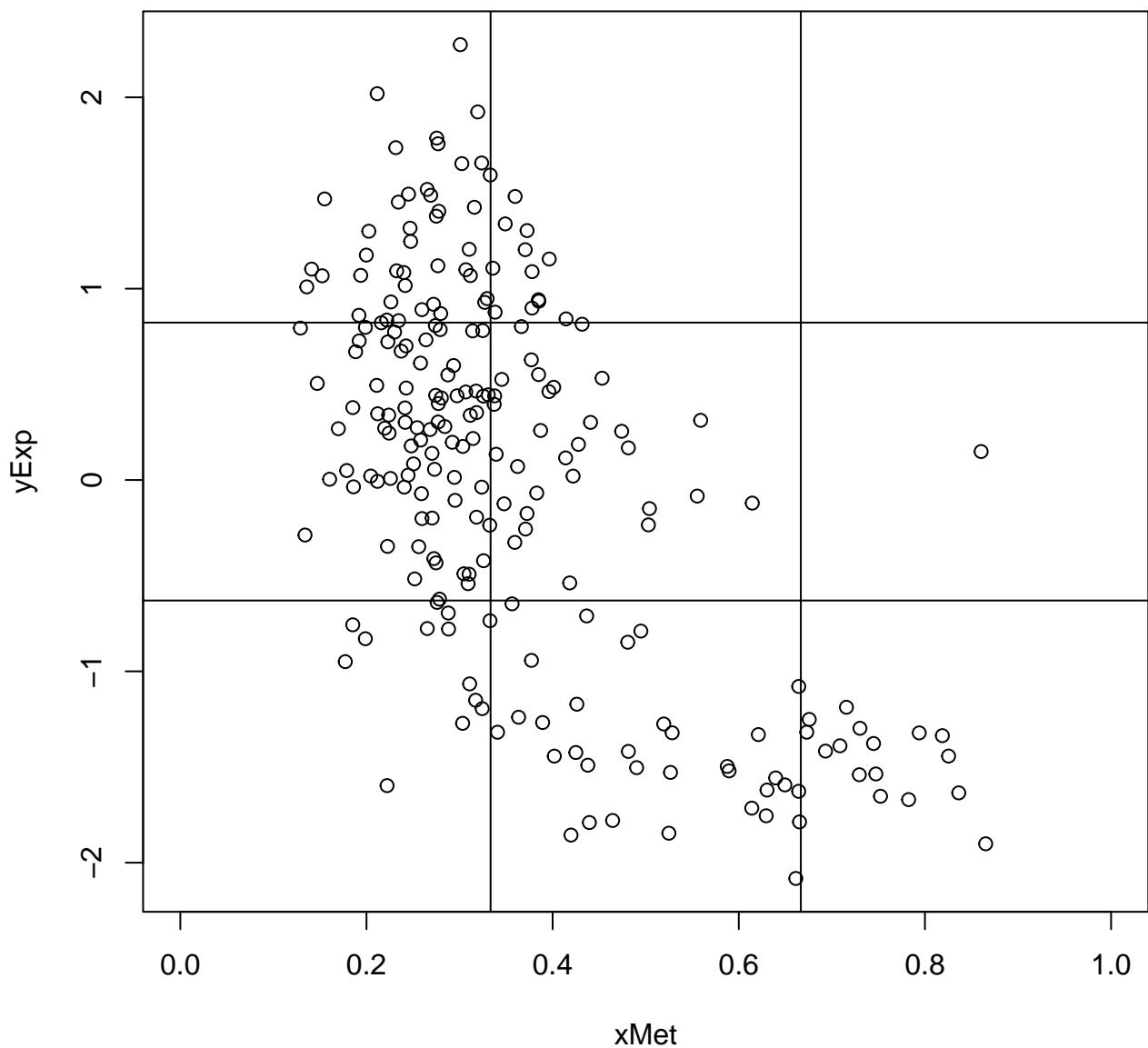
RBM24, 224



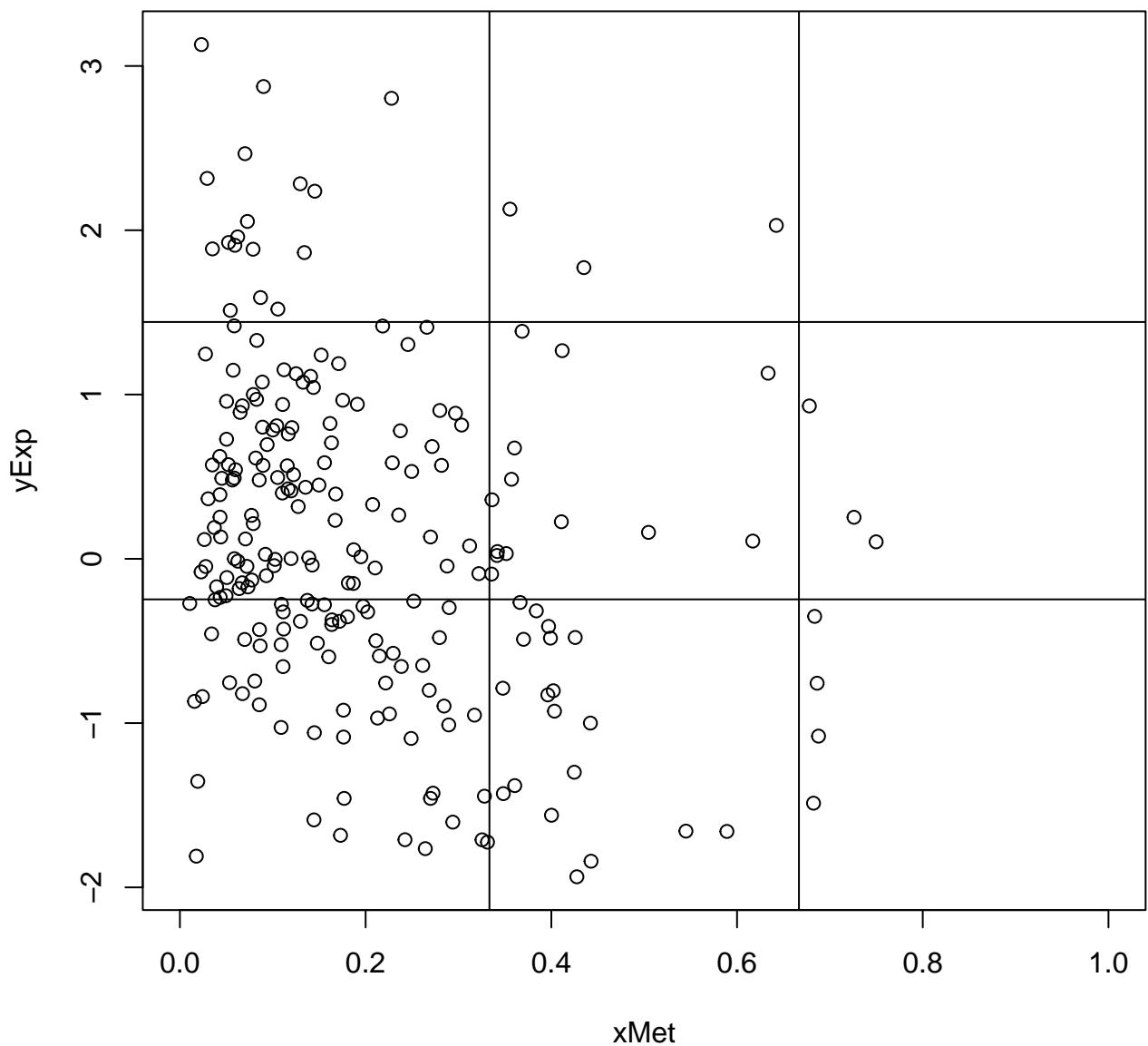
RBP1, 183



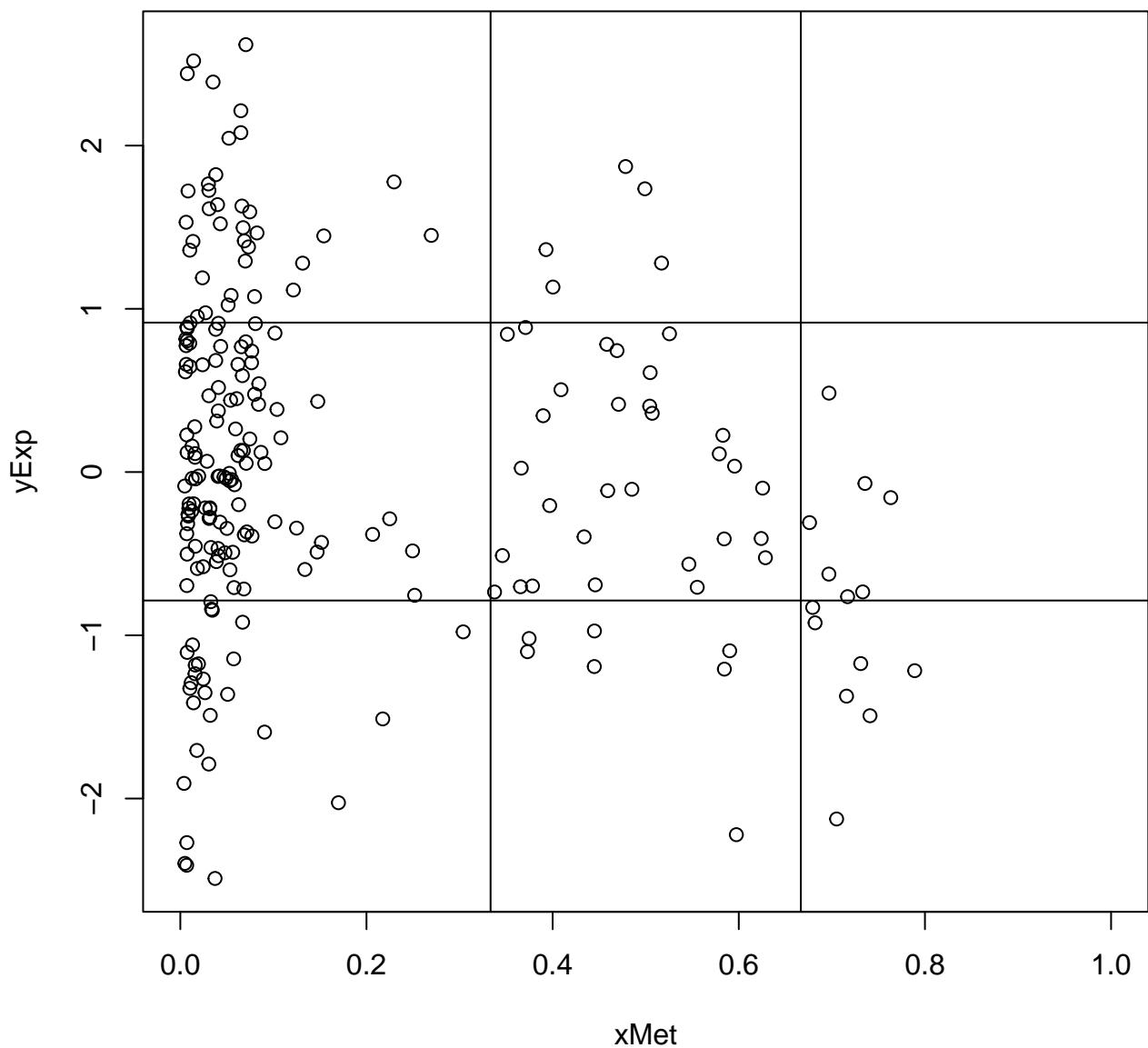
RBP2, 211



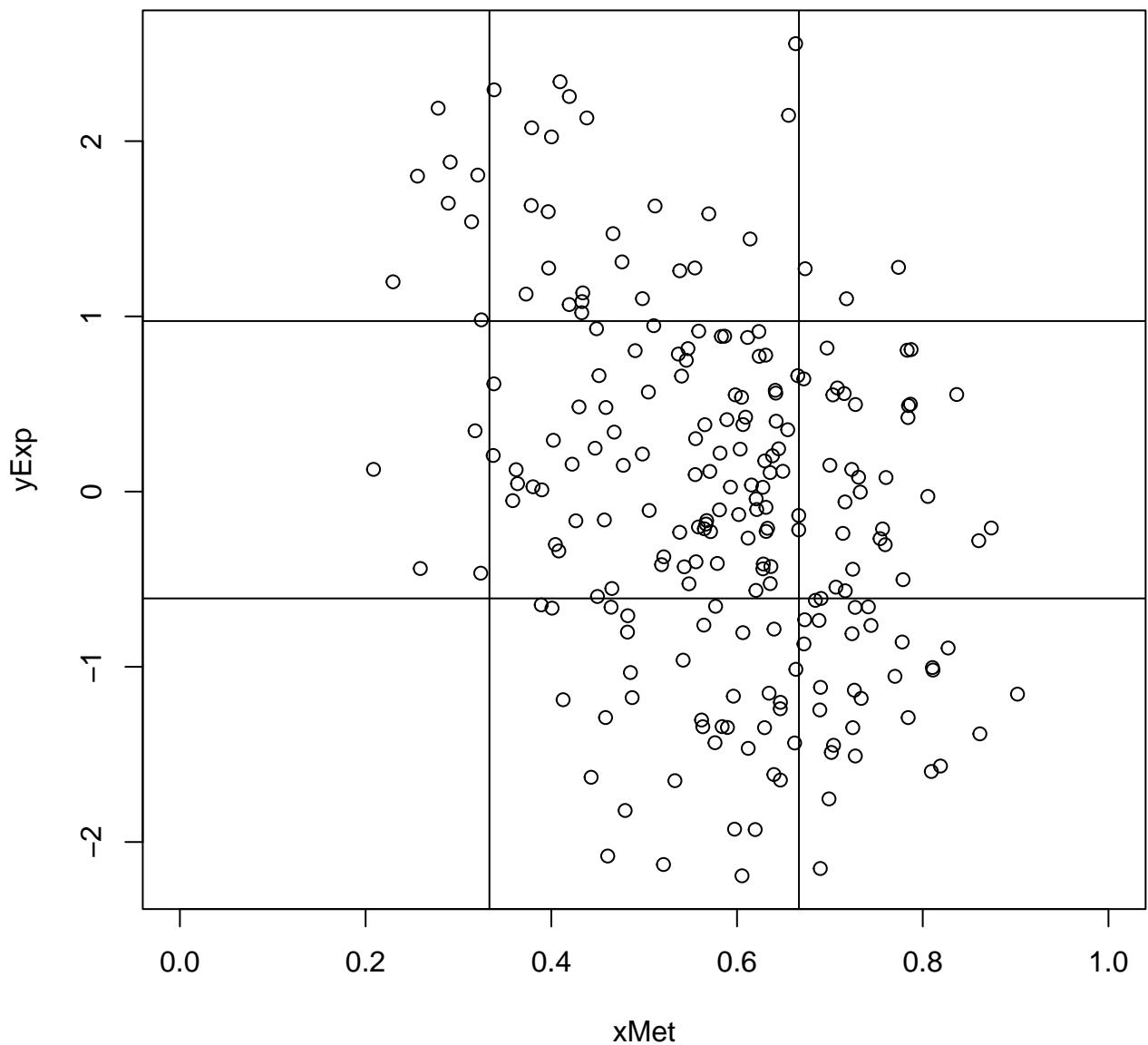
RDH12, 213



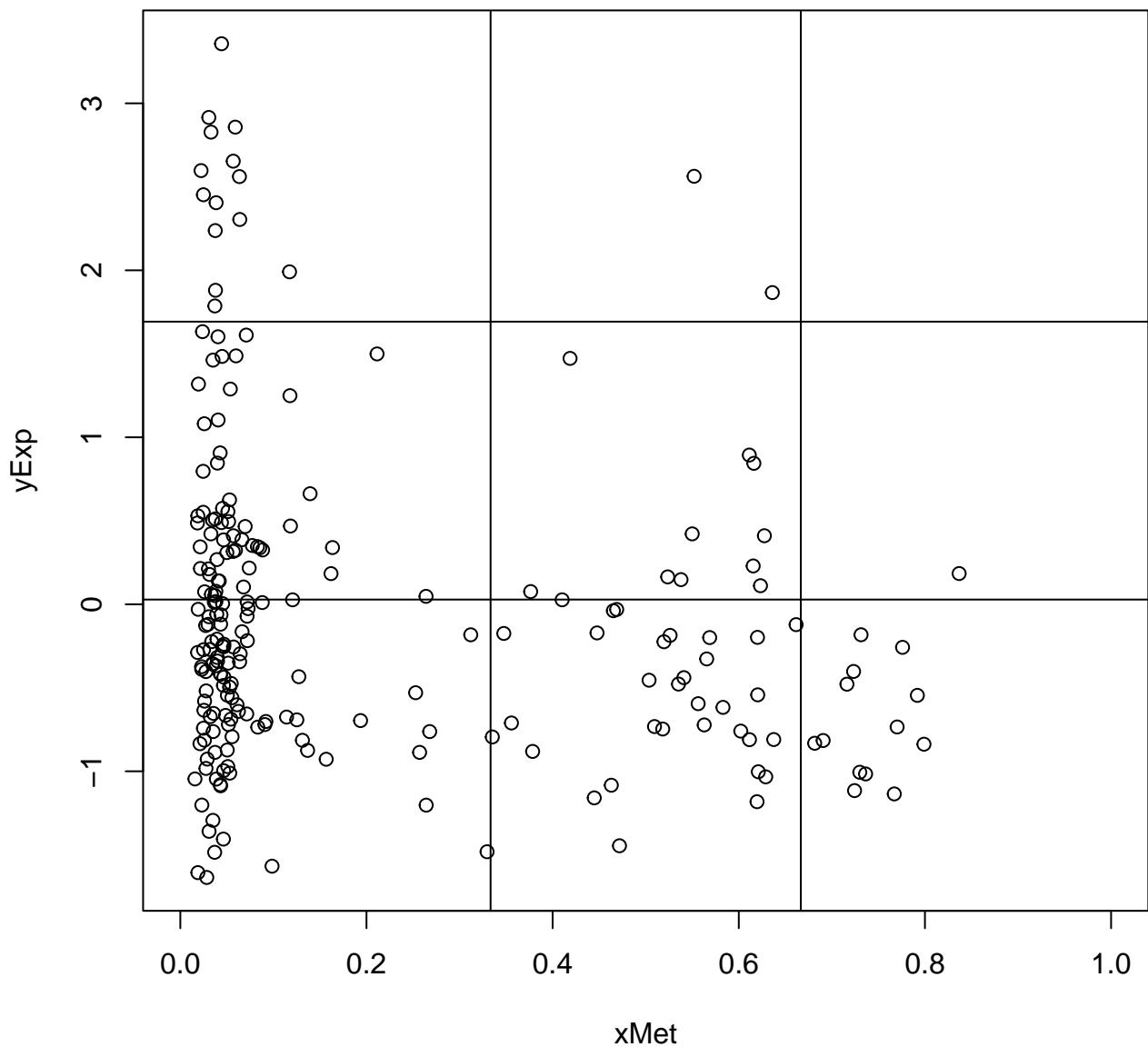
RECK, 199



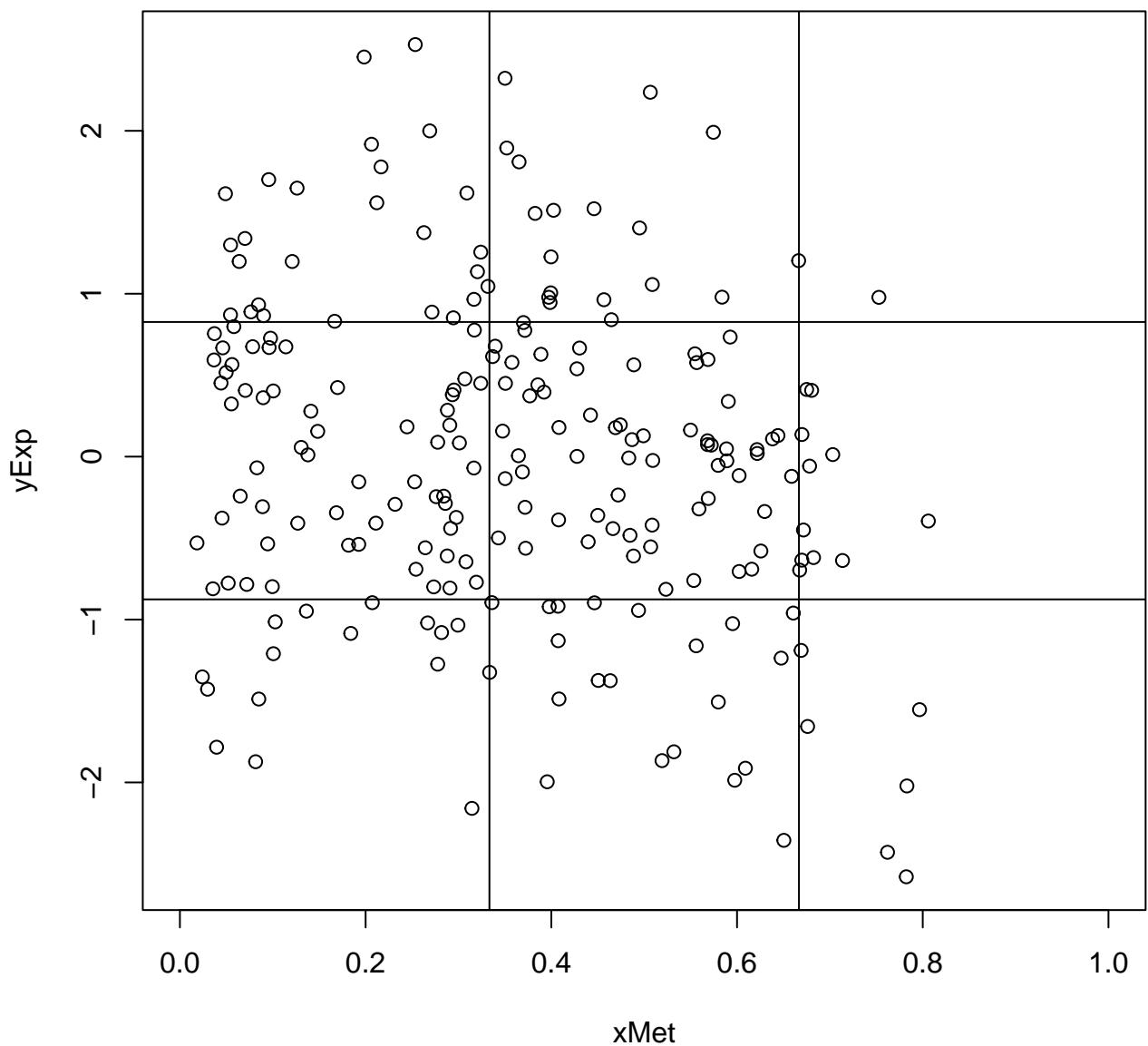
REEP6, -124.8



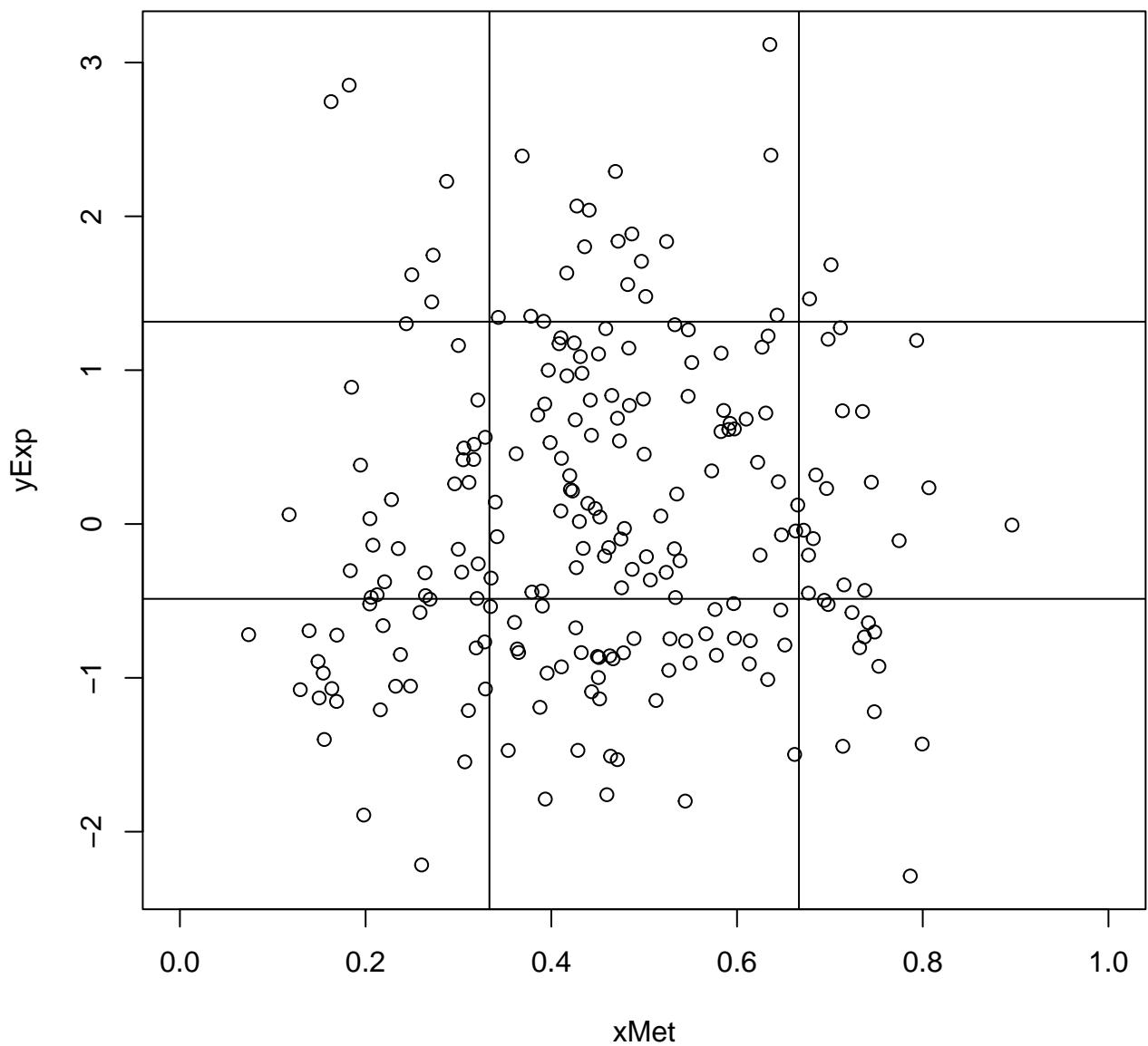
RET, 231



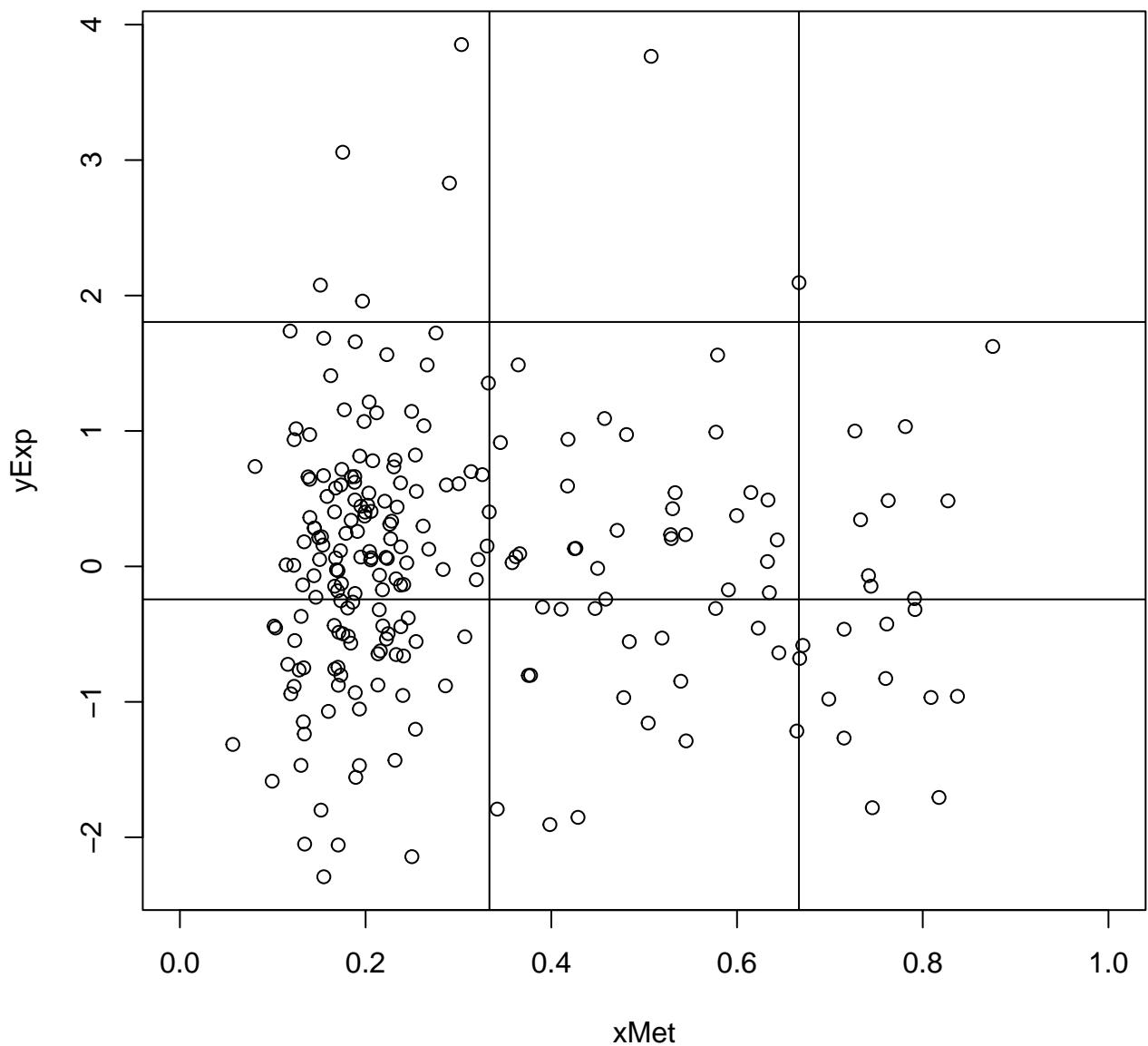
RFTN1, 58.4



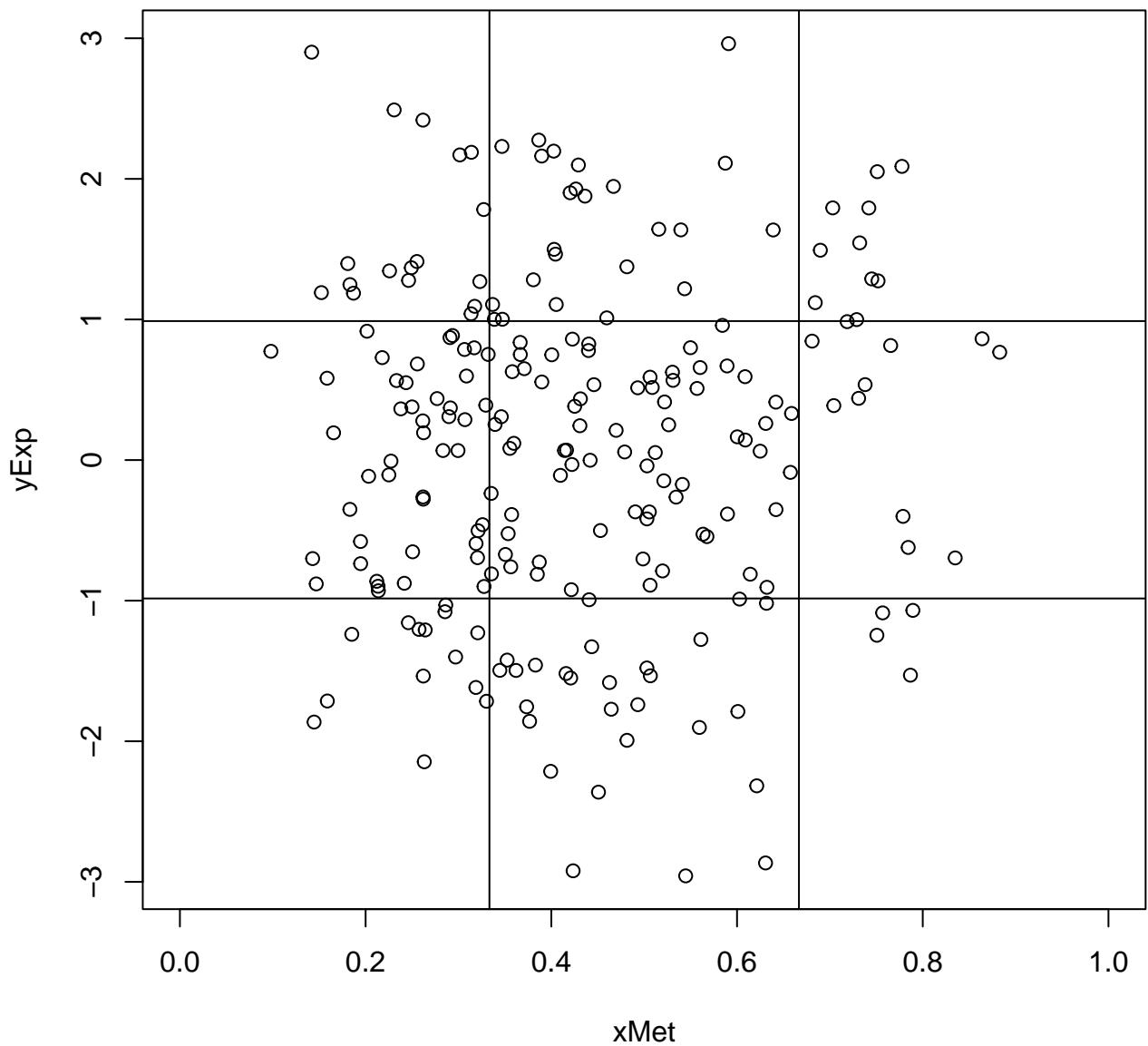
RFTN2, -29.2



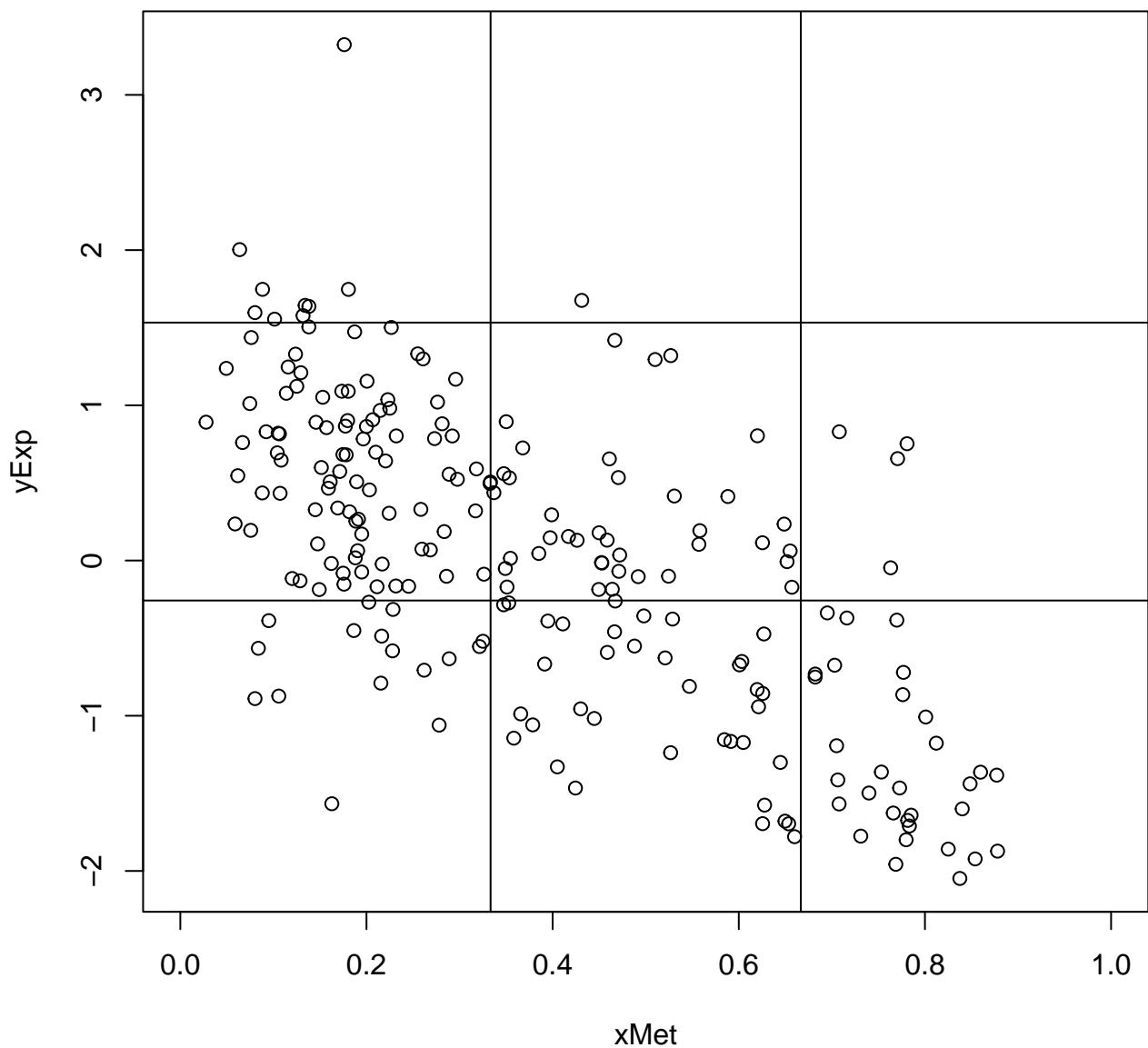
RGS17, 136.4



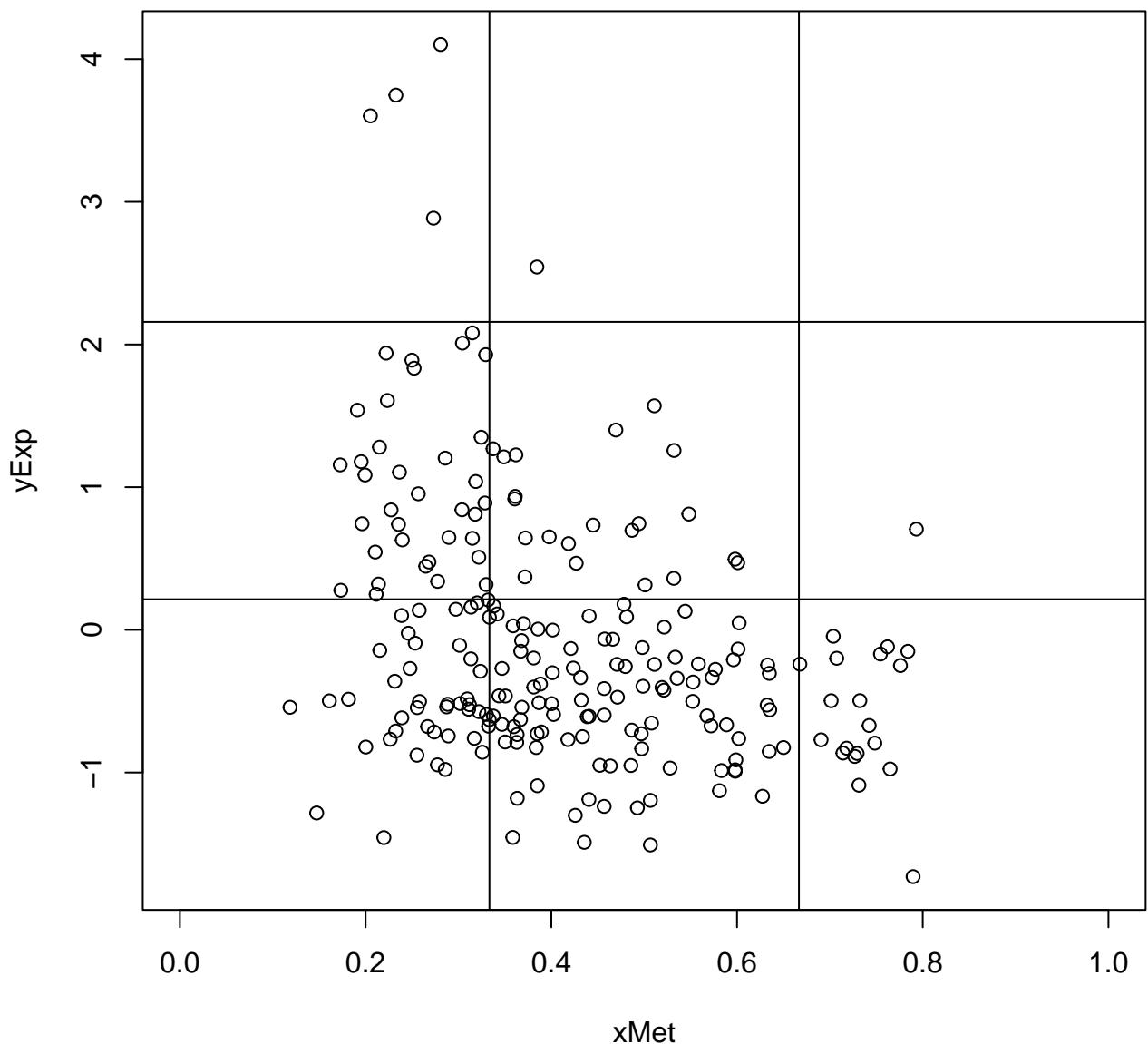
RIN2, -388



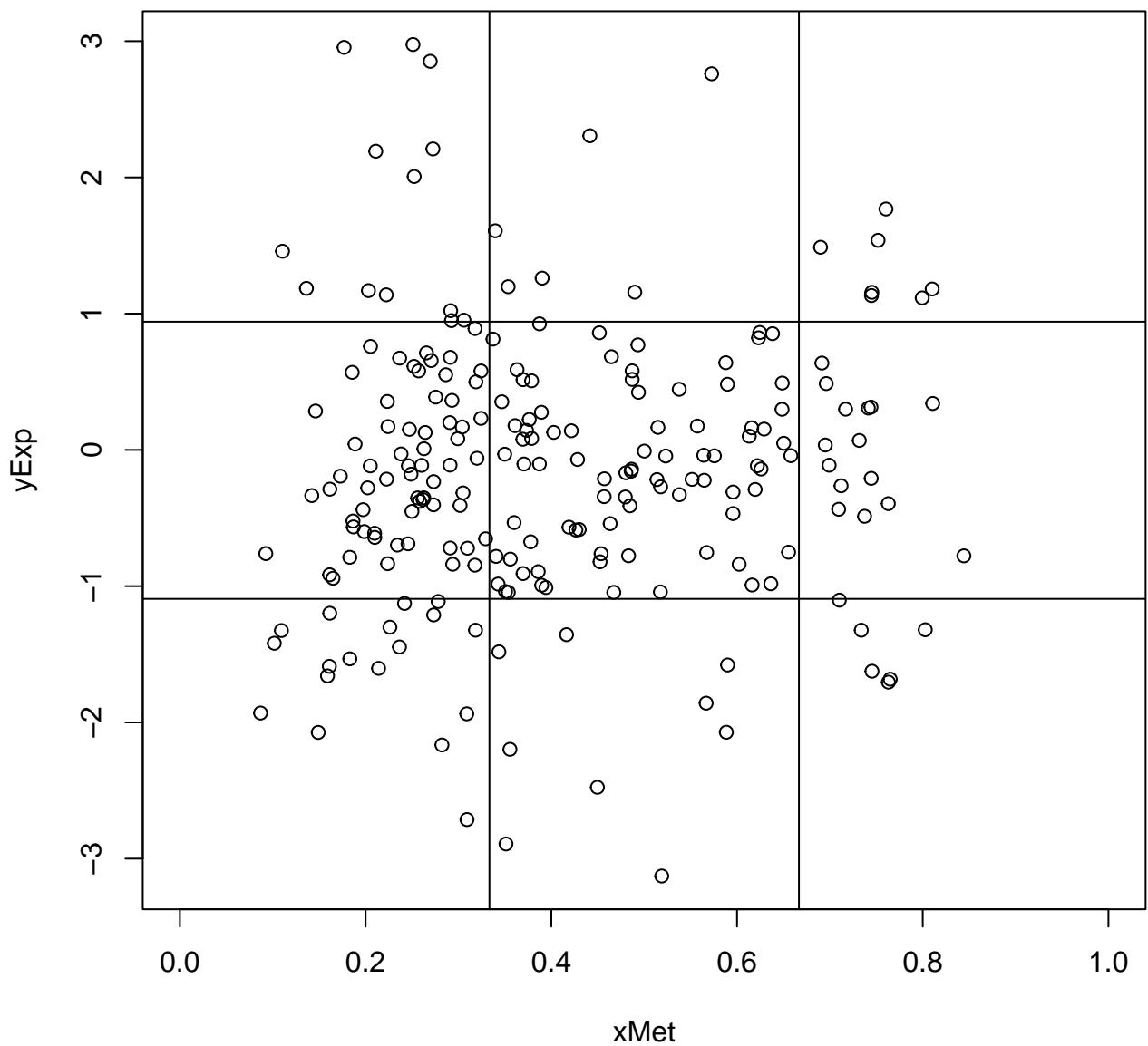
RIPPLY3, 210



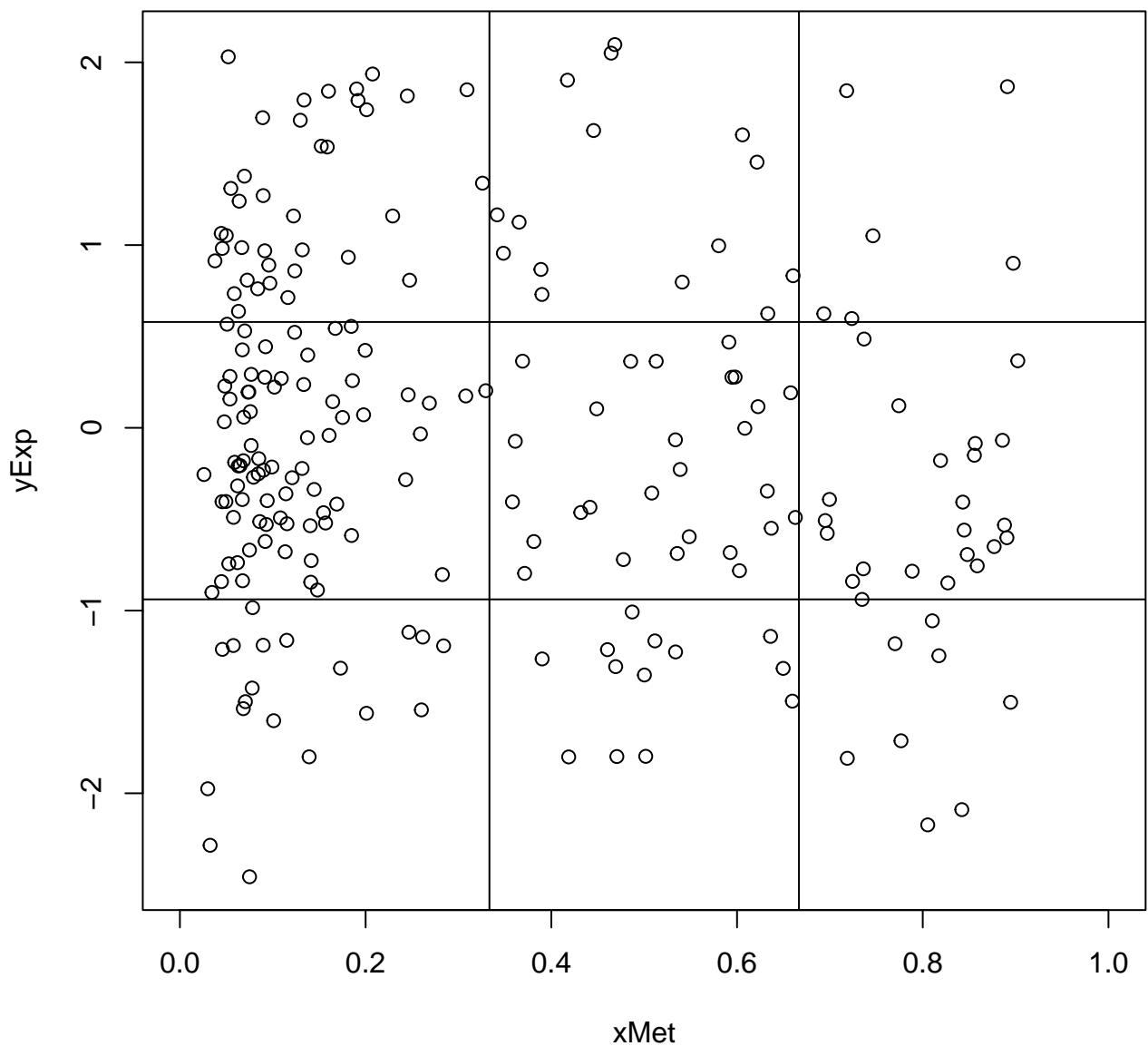
RLBP1, 219



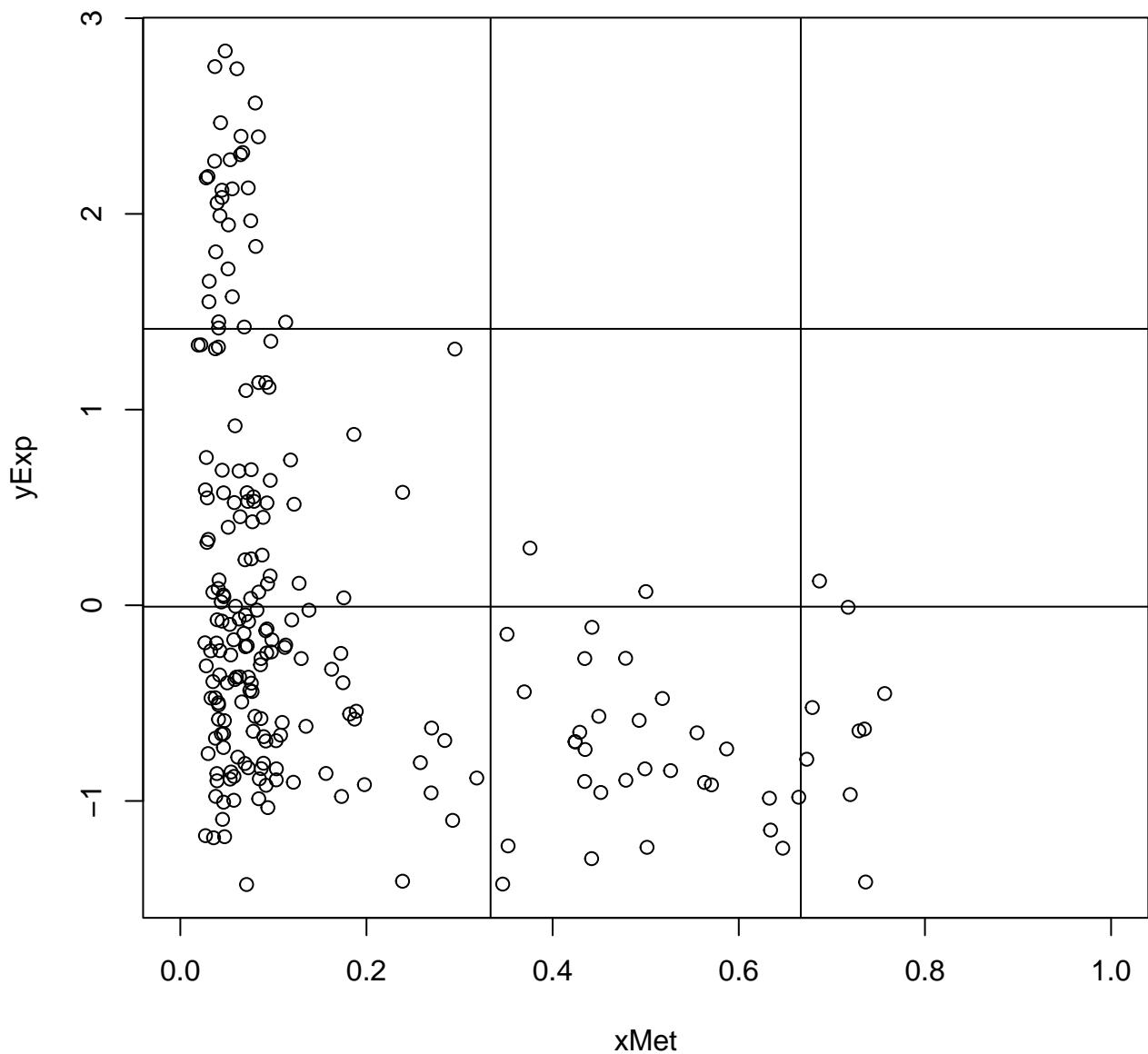
RNASE3, -225.2



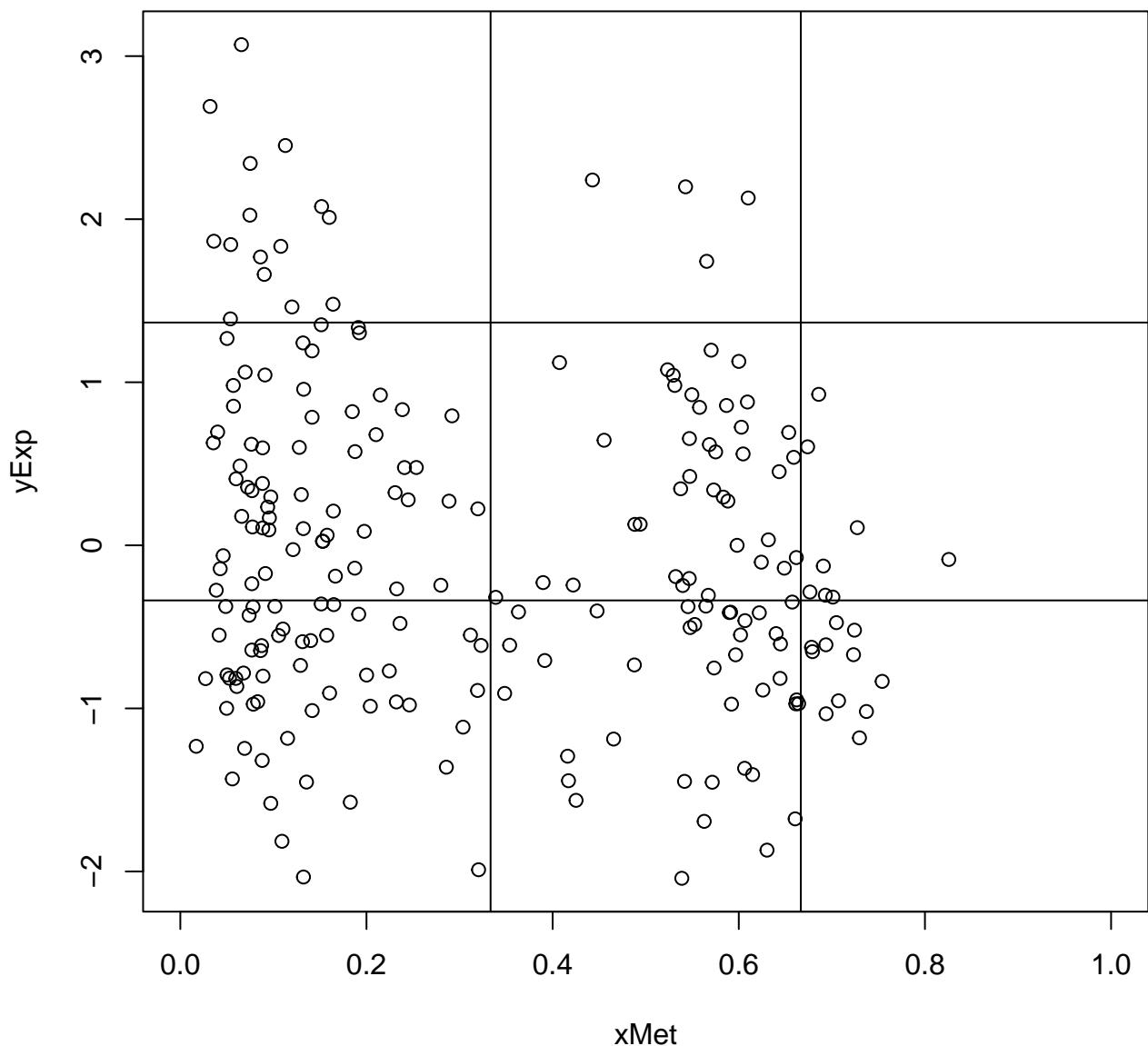
RND2, -139.6



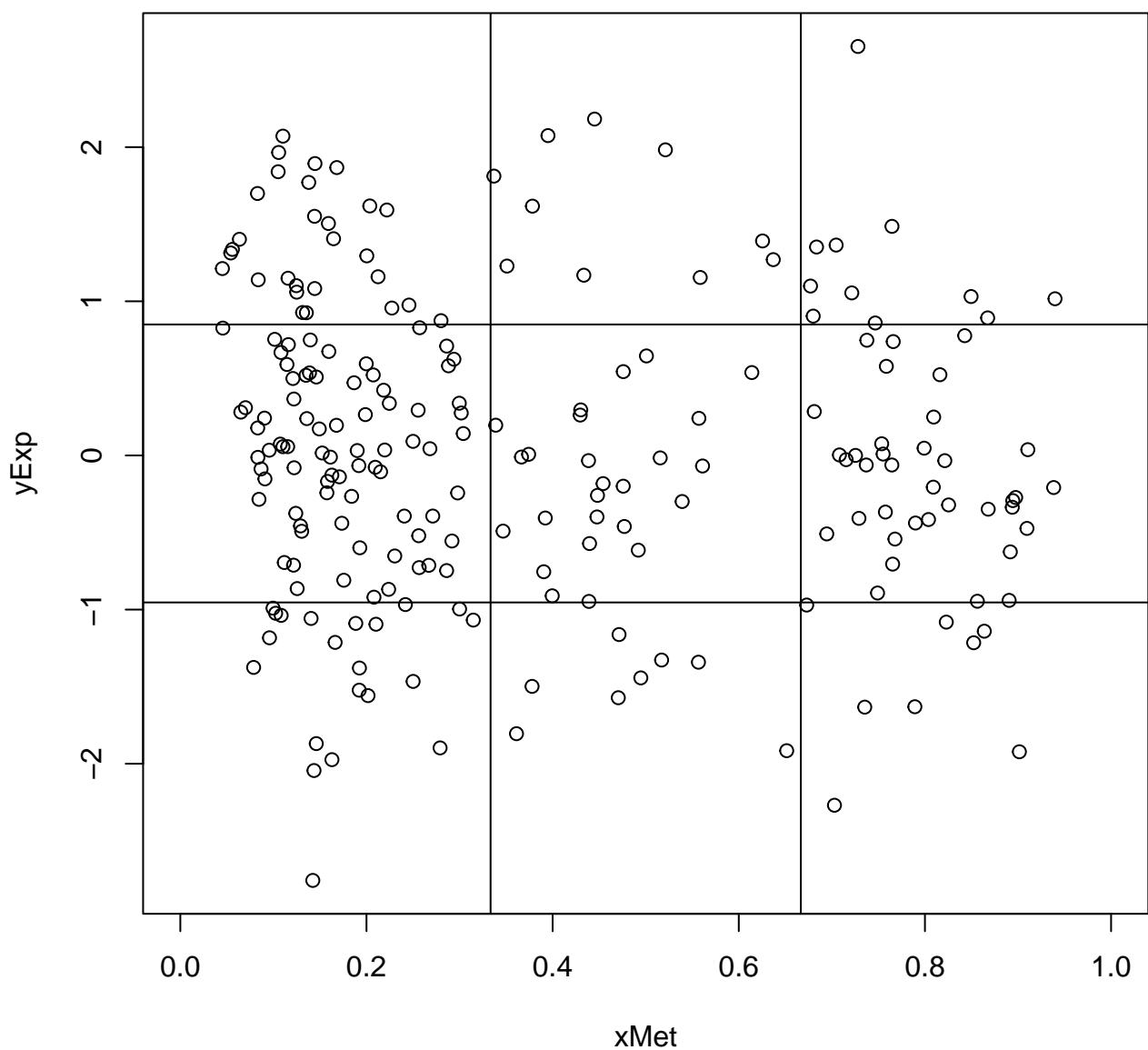
RNF182, 257



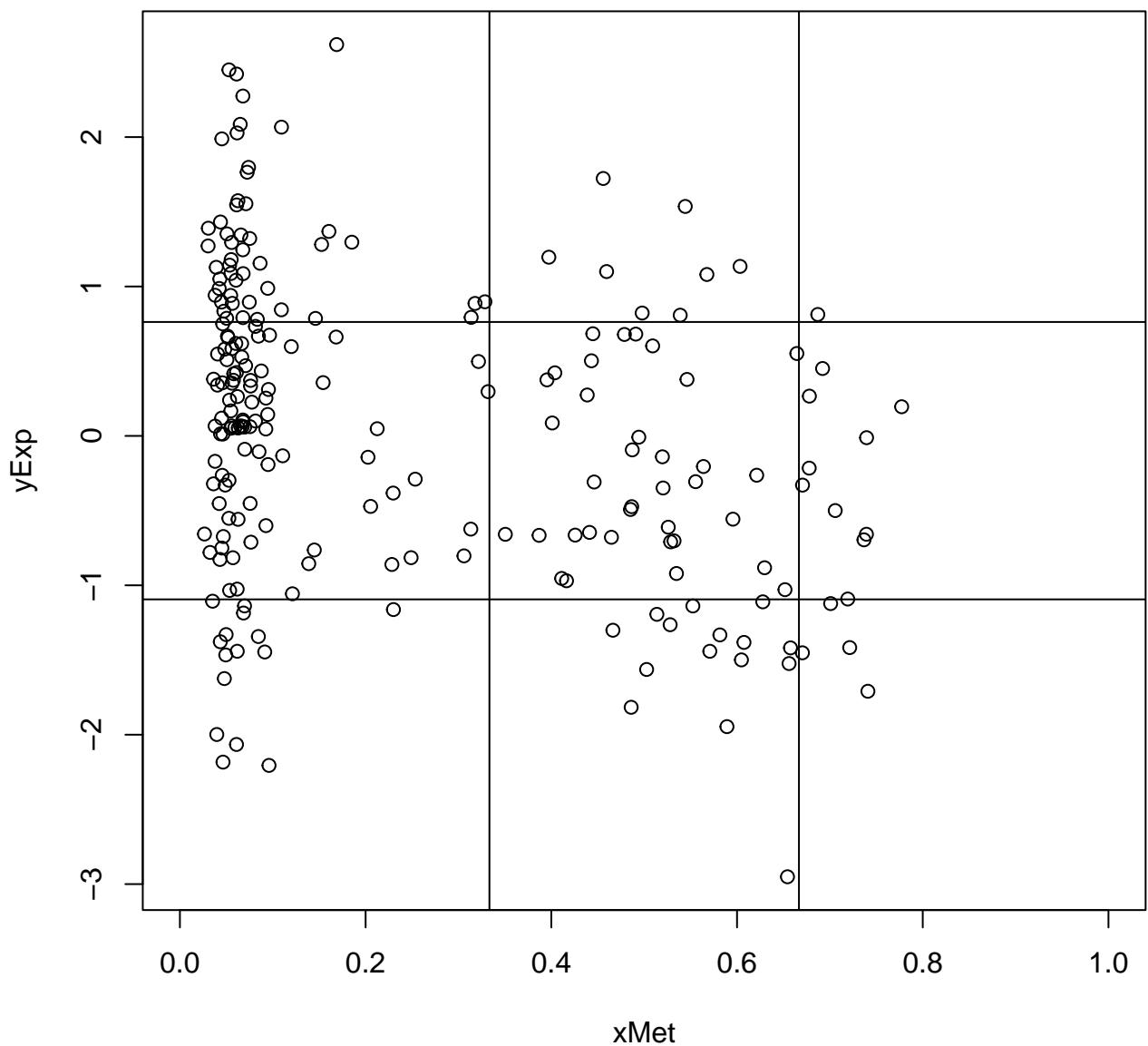
ROR2, 175

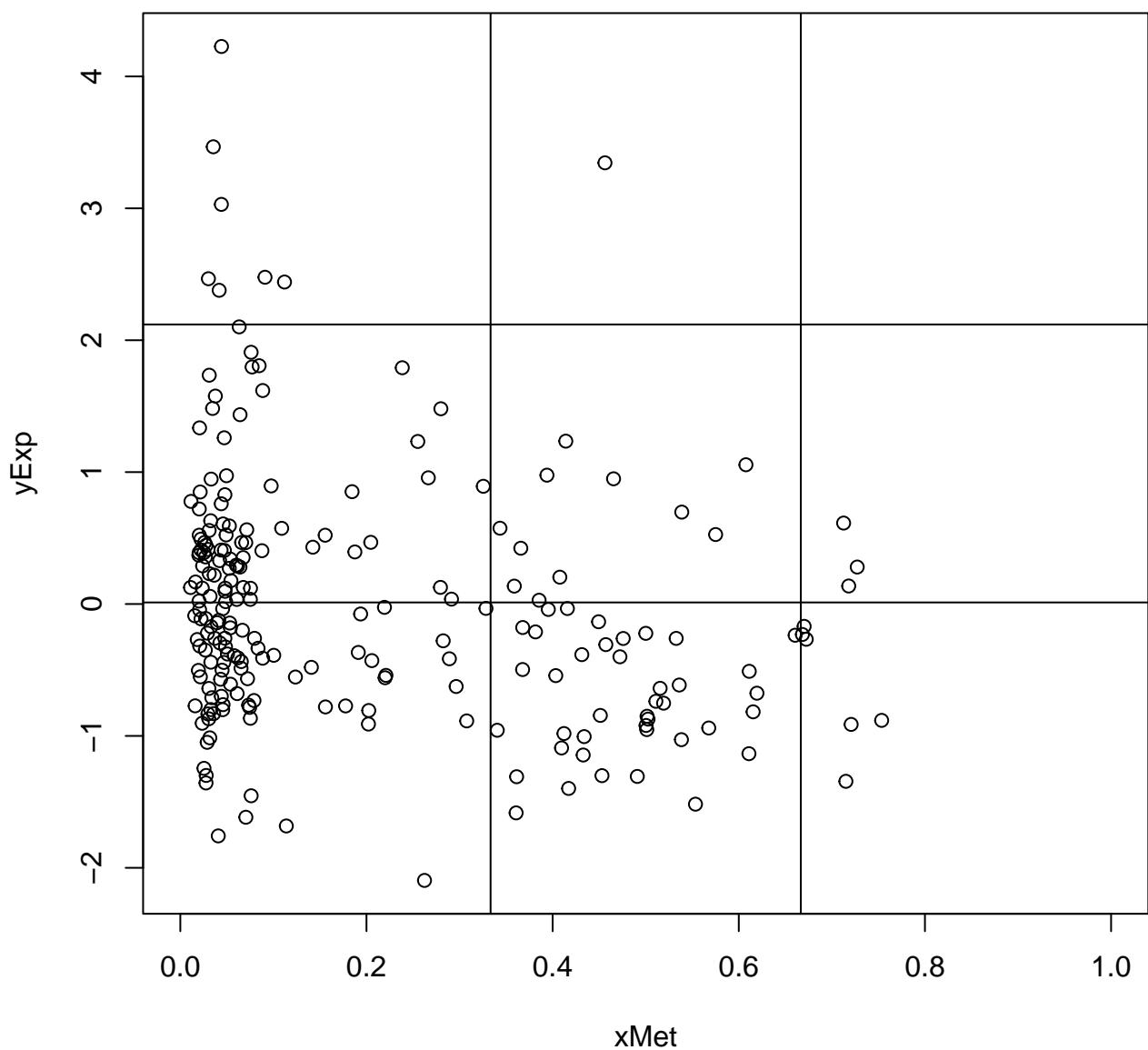


RPL31, -405.6

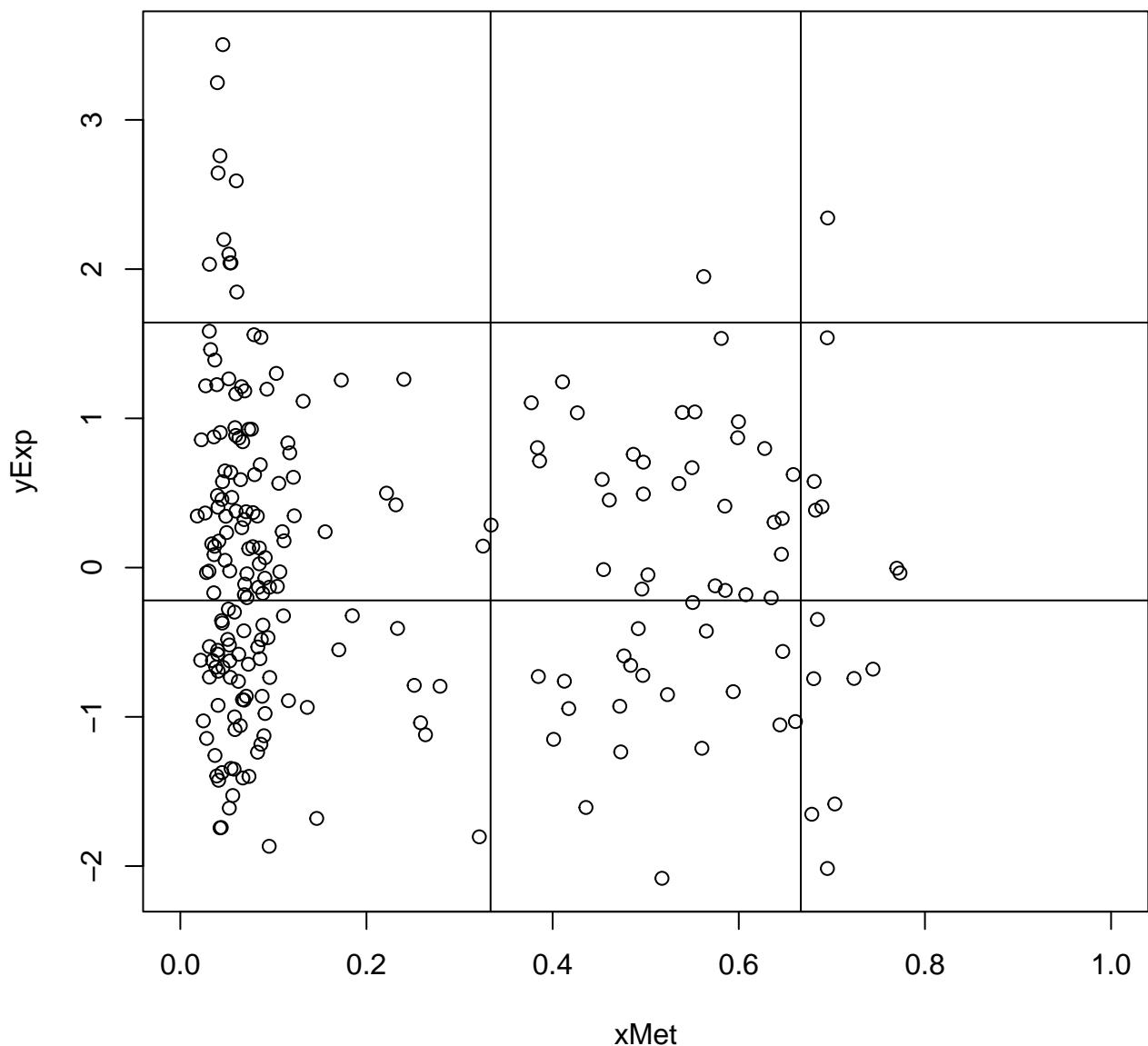


RPRM, 140.4

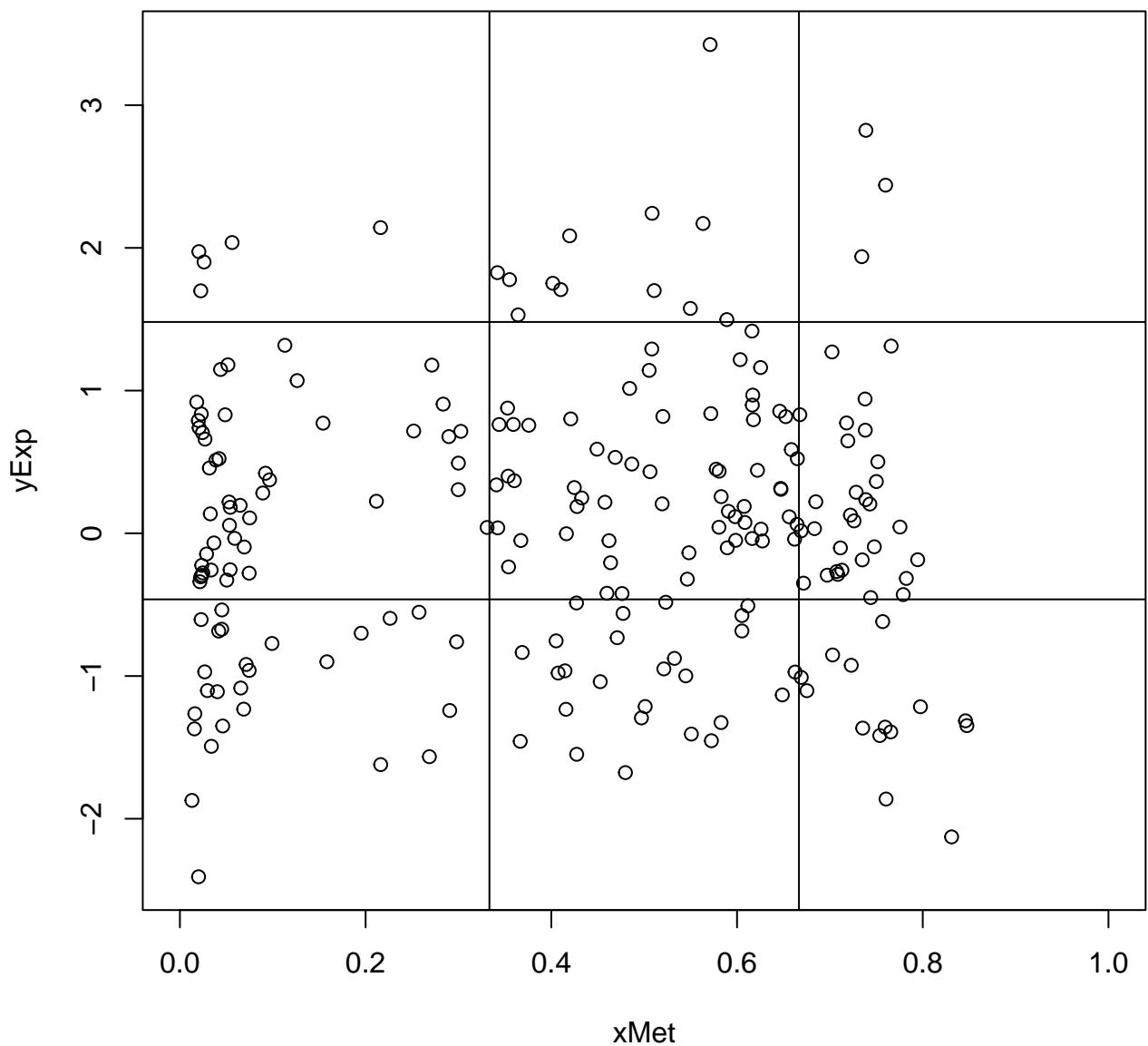




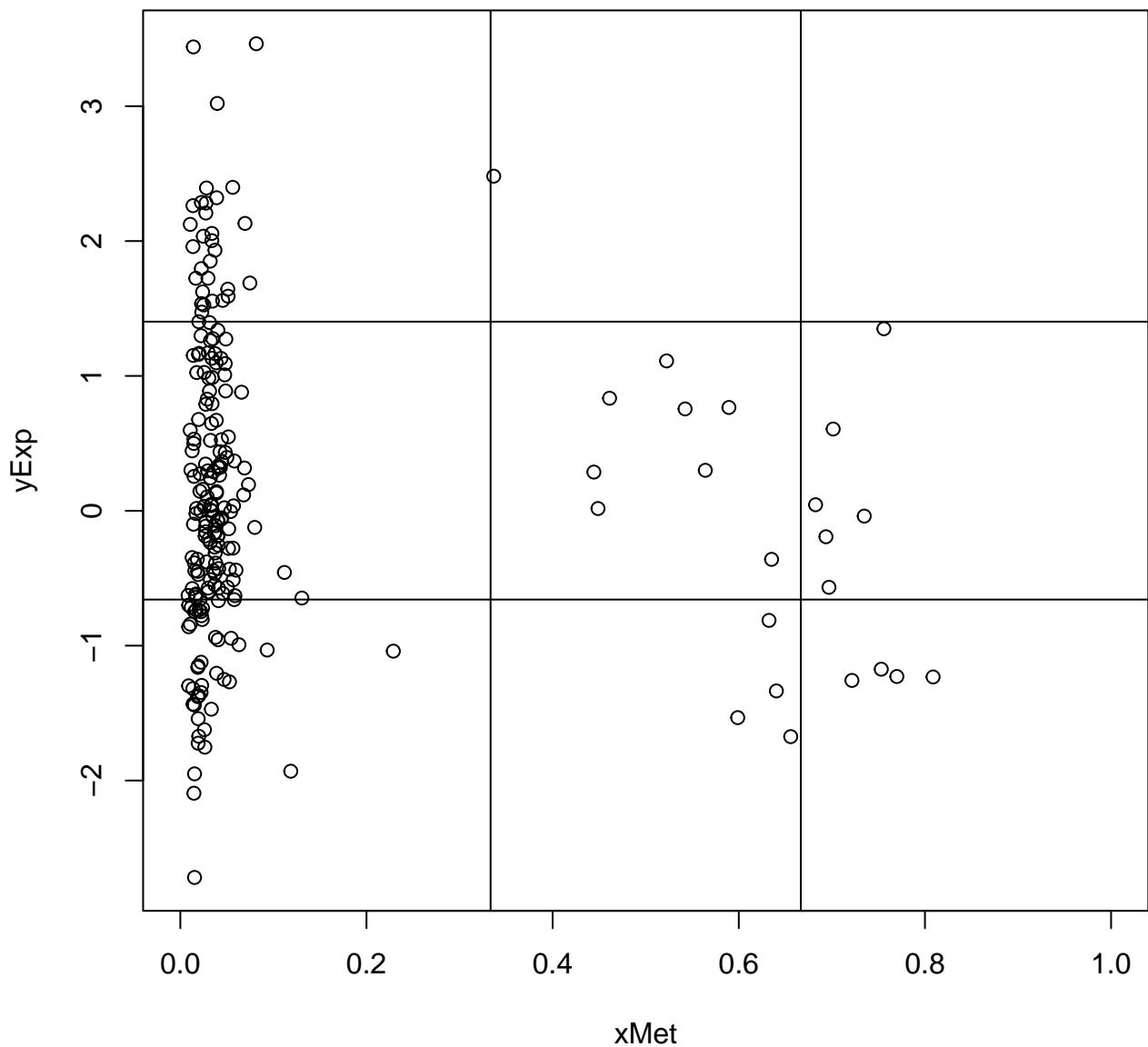
RRAGD, 143.4



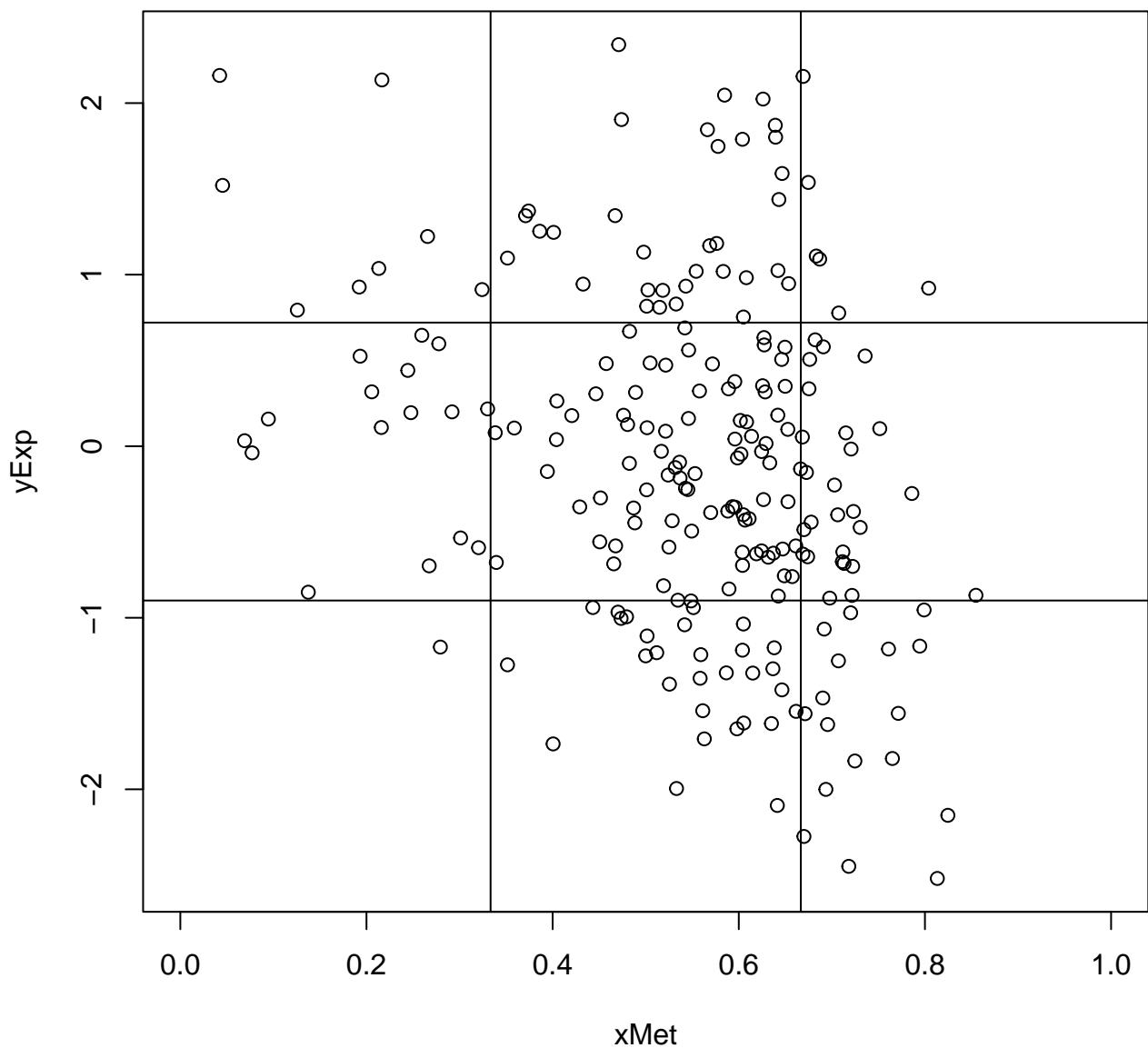
RSPO3, -81.8



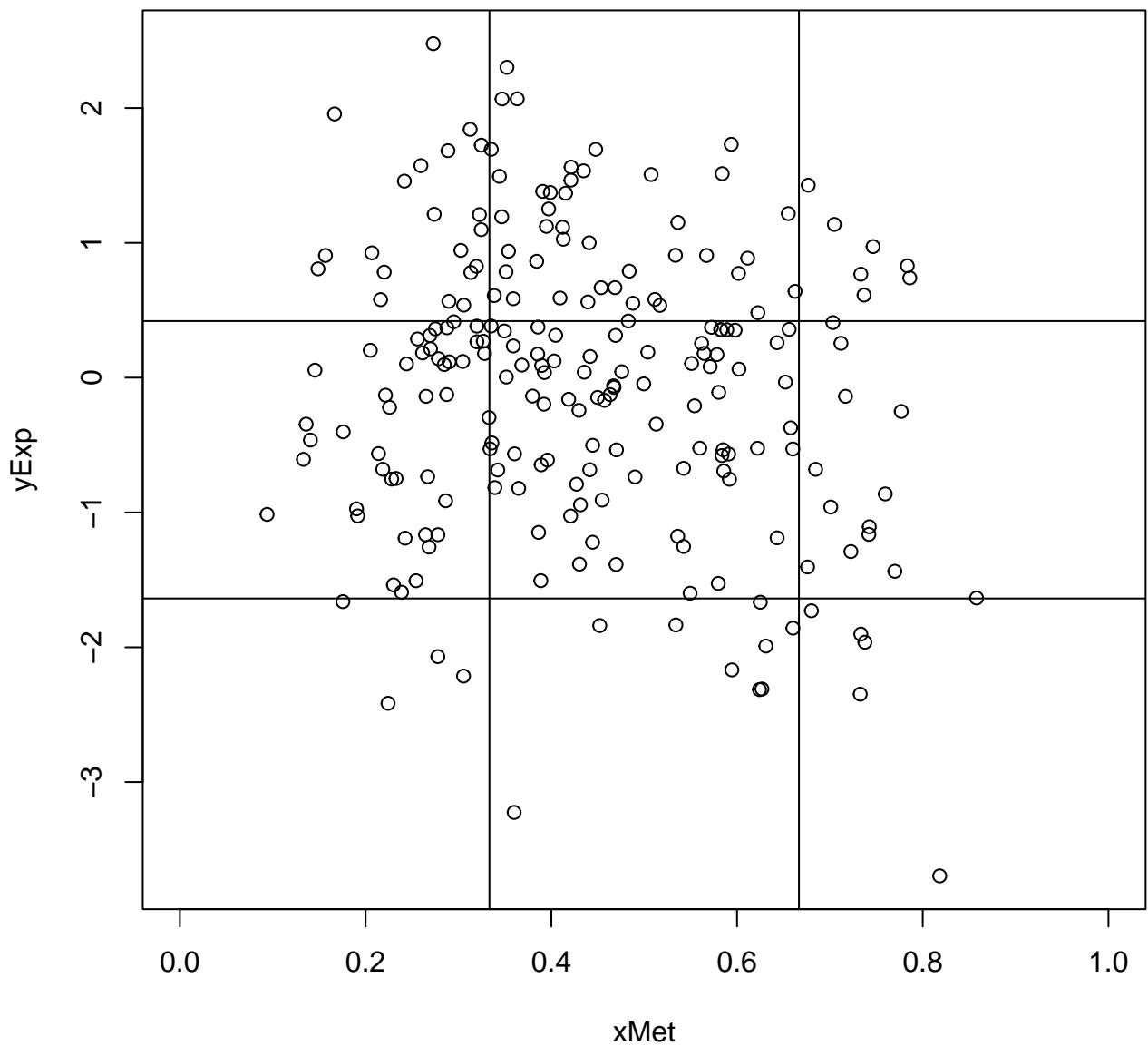
RUND3B, 228



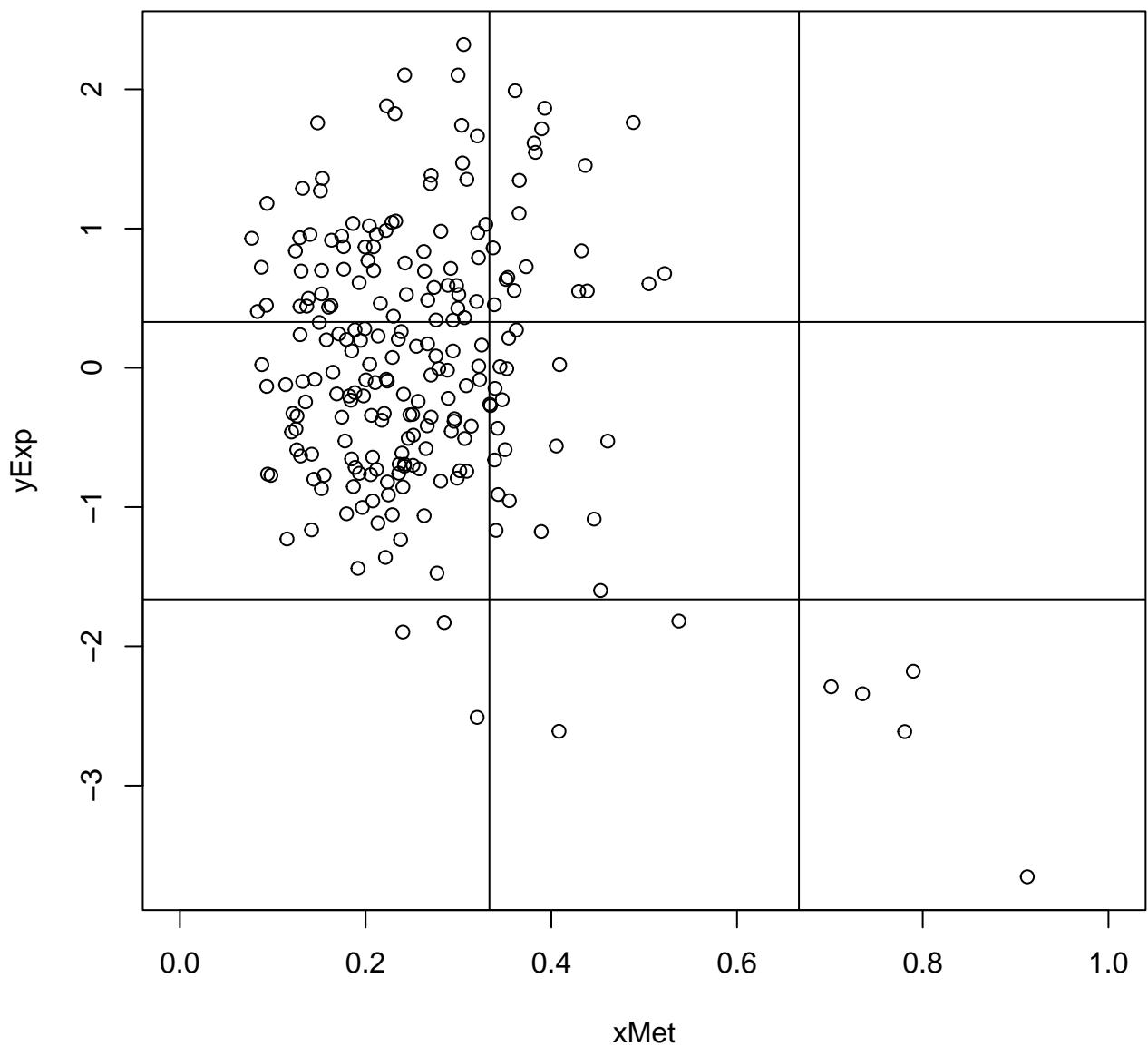
RUNX1, -288.6



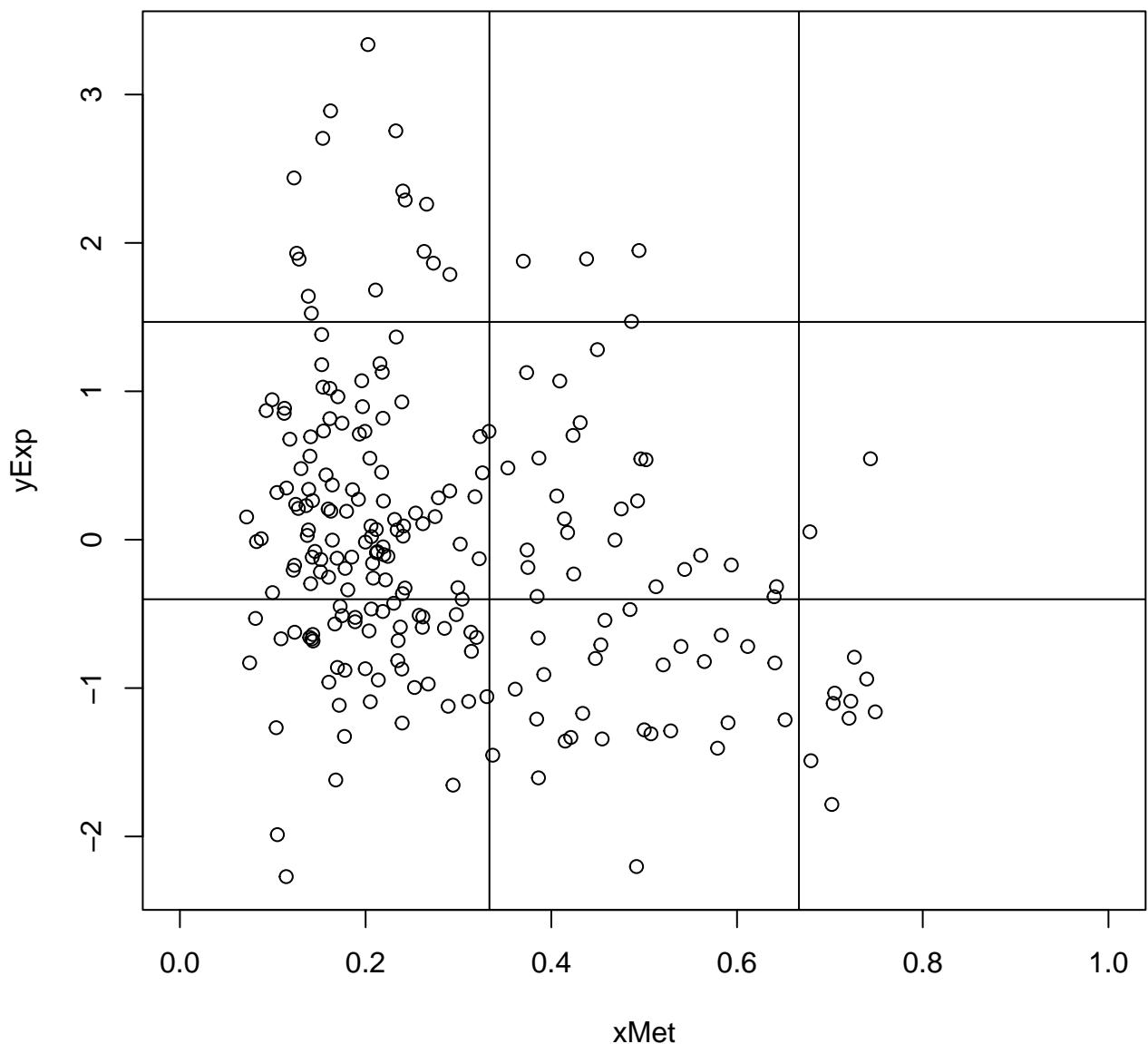
RYBP, -318.2



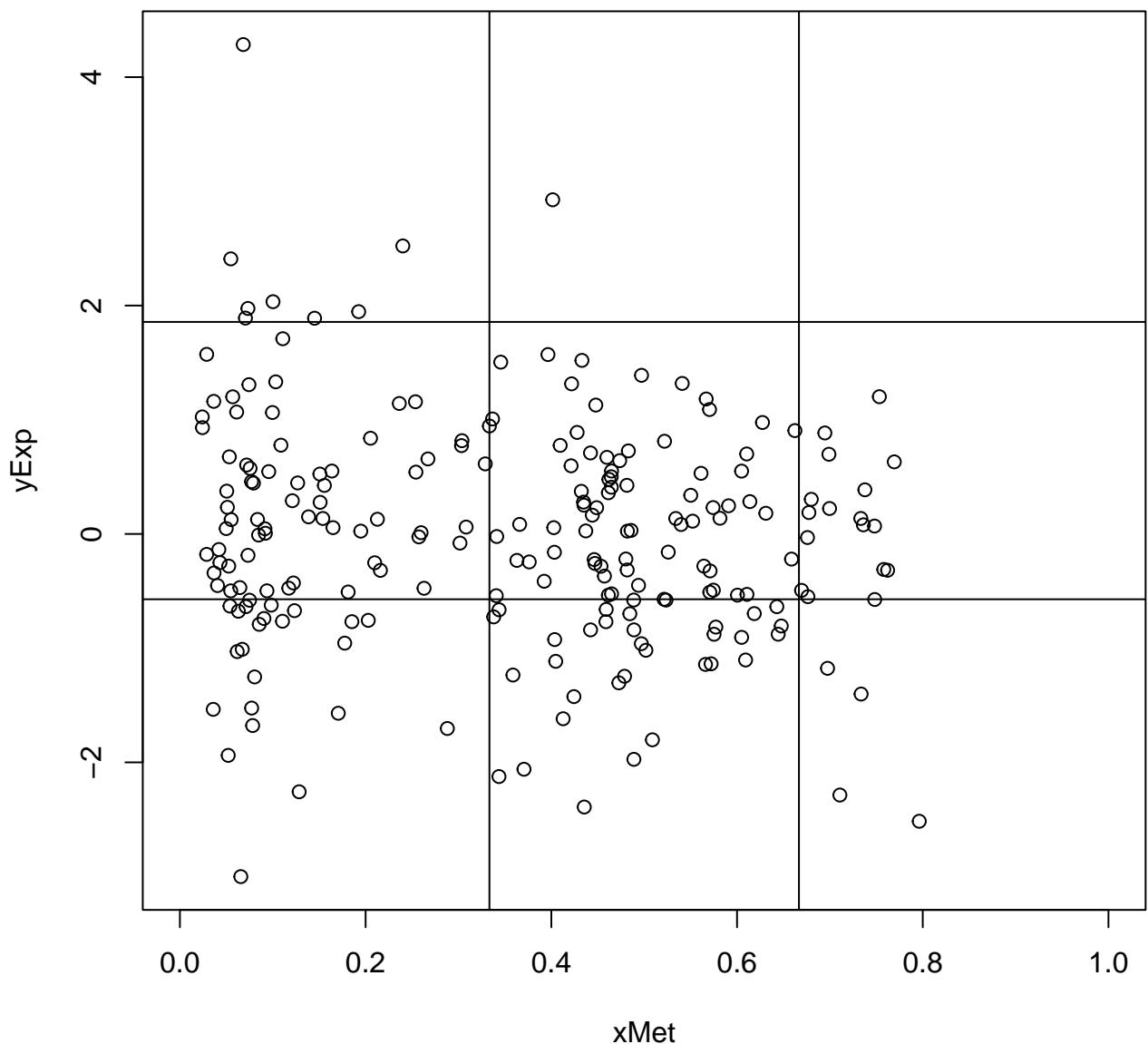
S100A16, 215



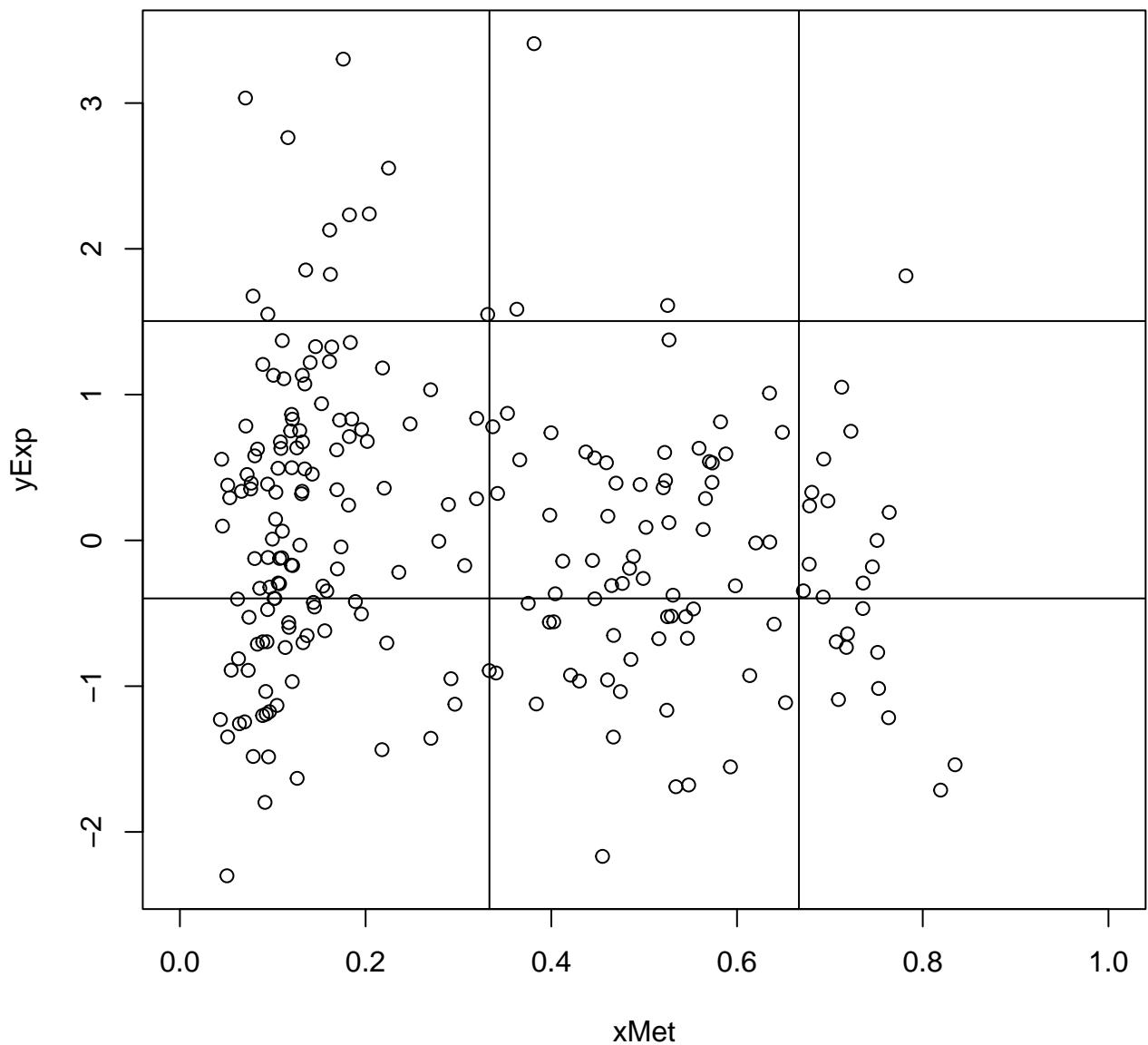
SCG5, 205



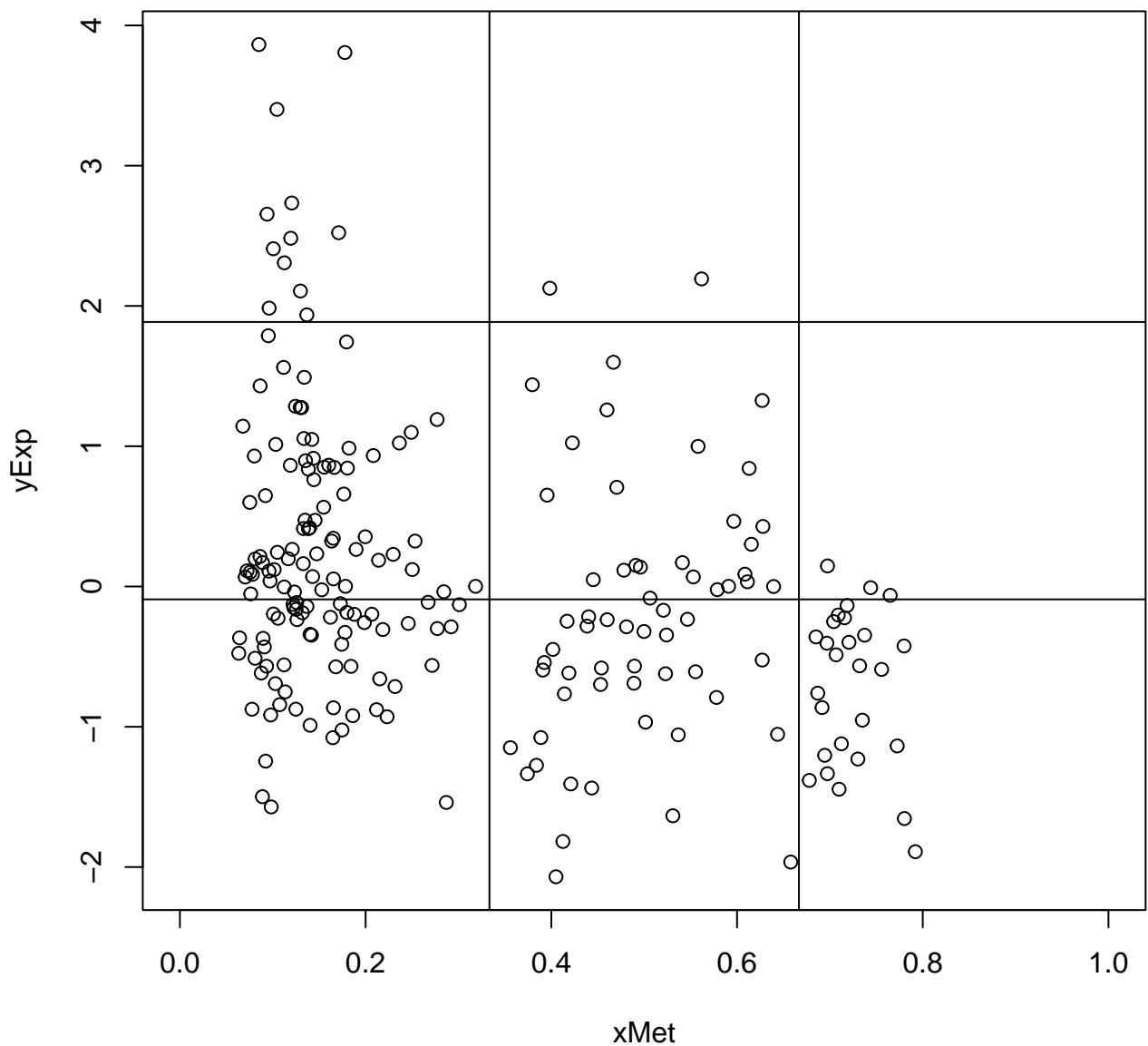
SCGB3A1, 114



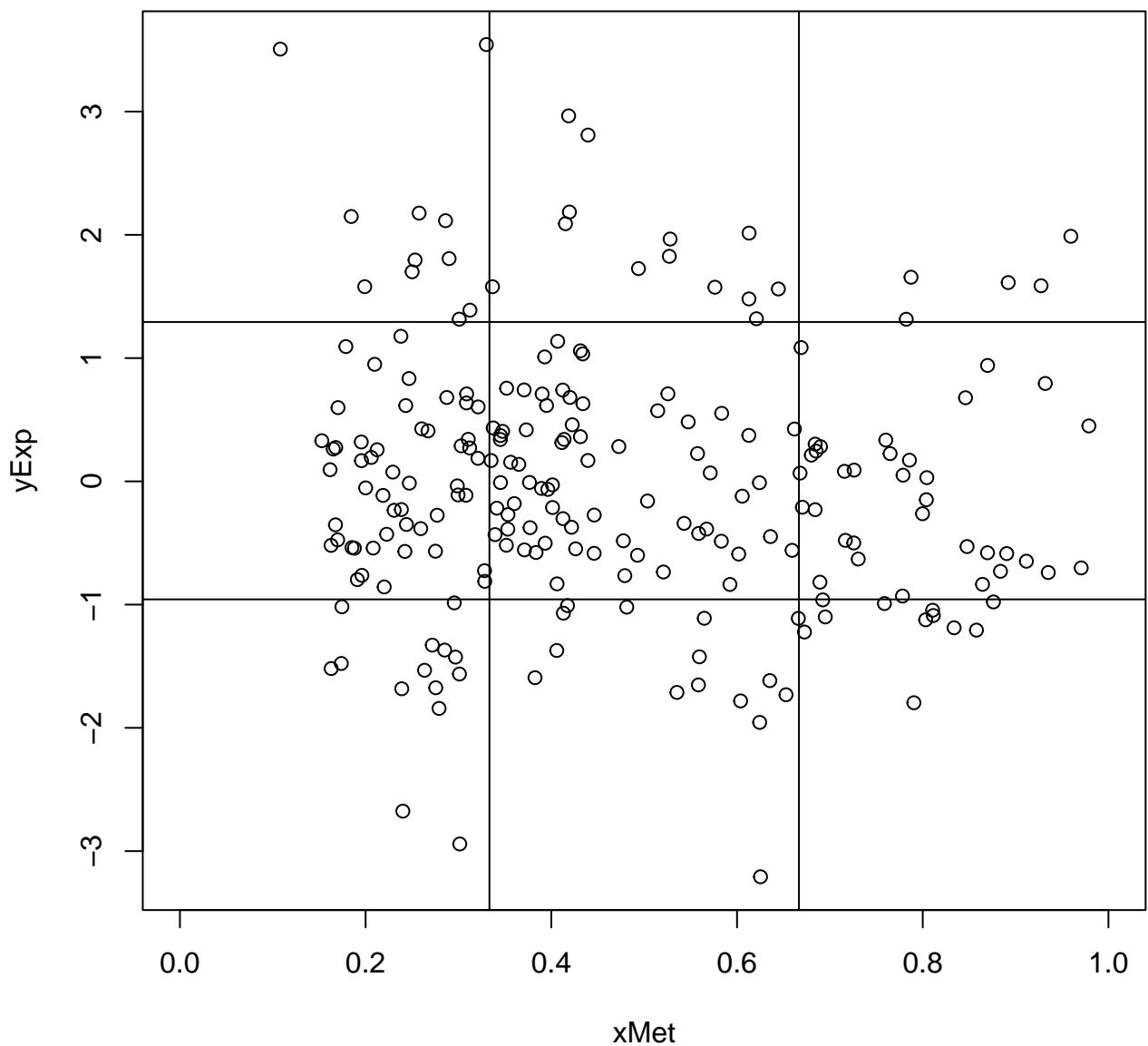
SCGN, 111.4



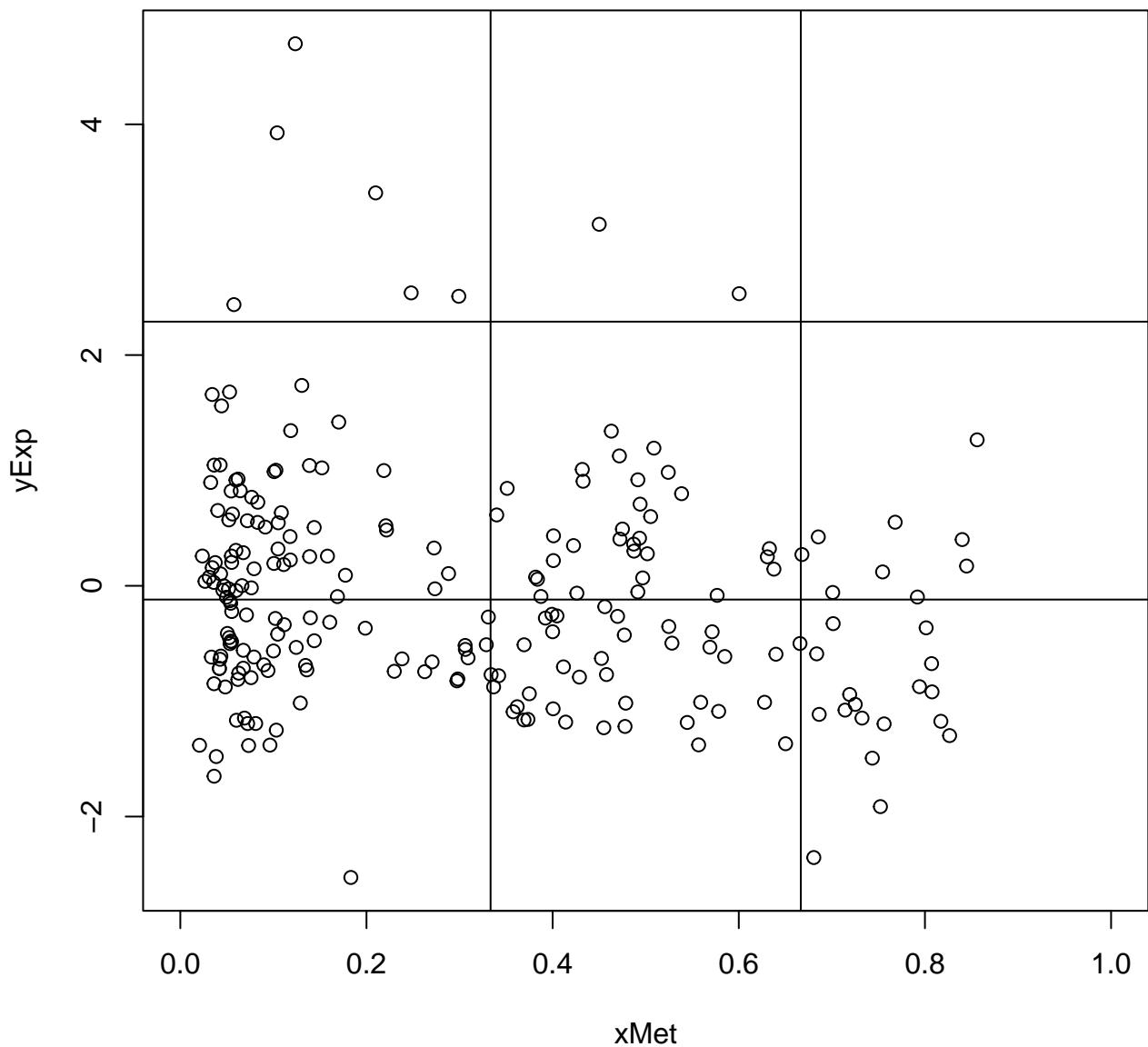
SCUBE2, 220



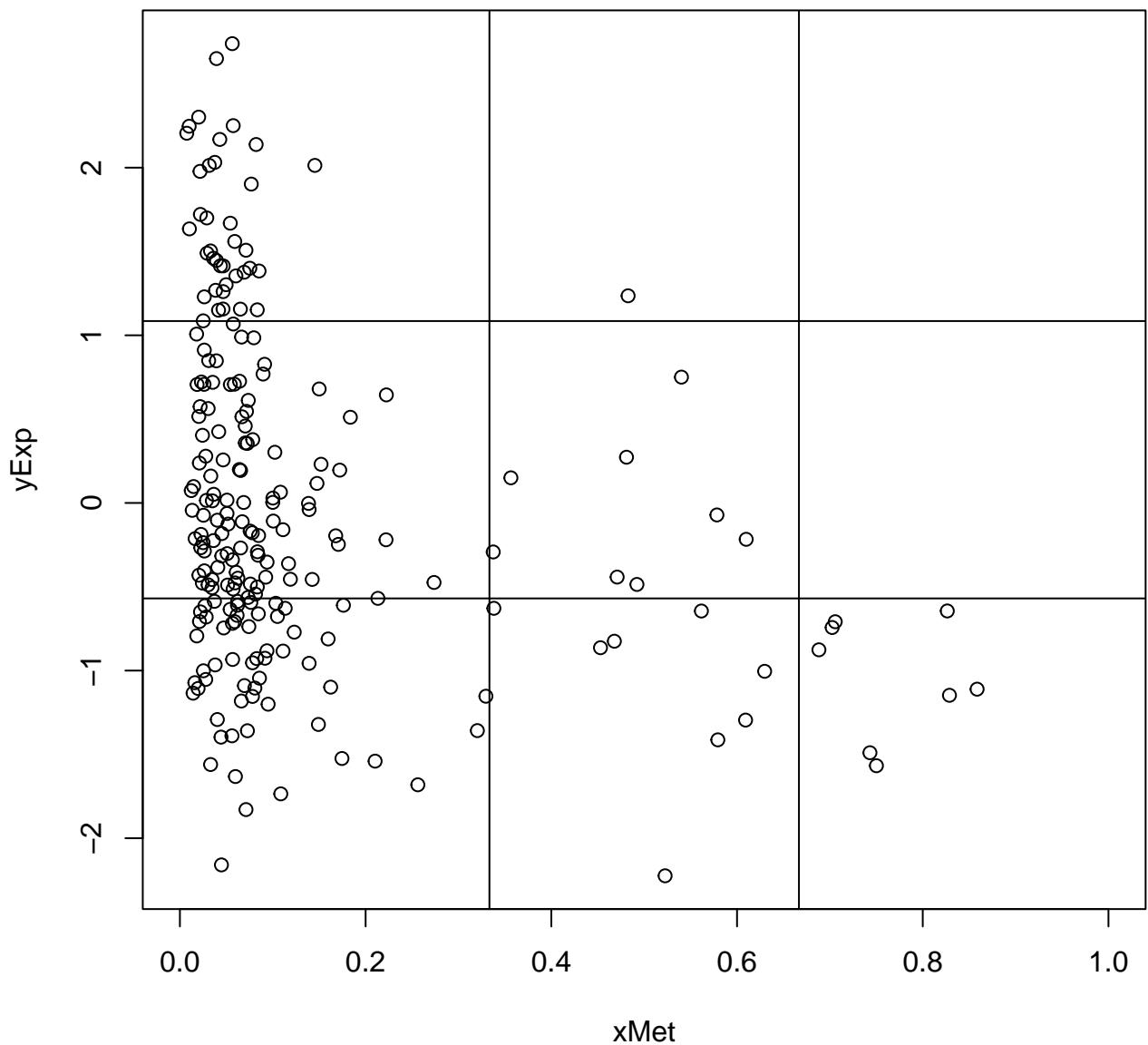
SEC61A2, -194



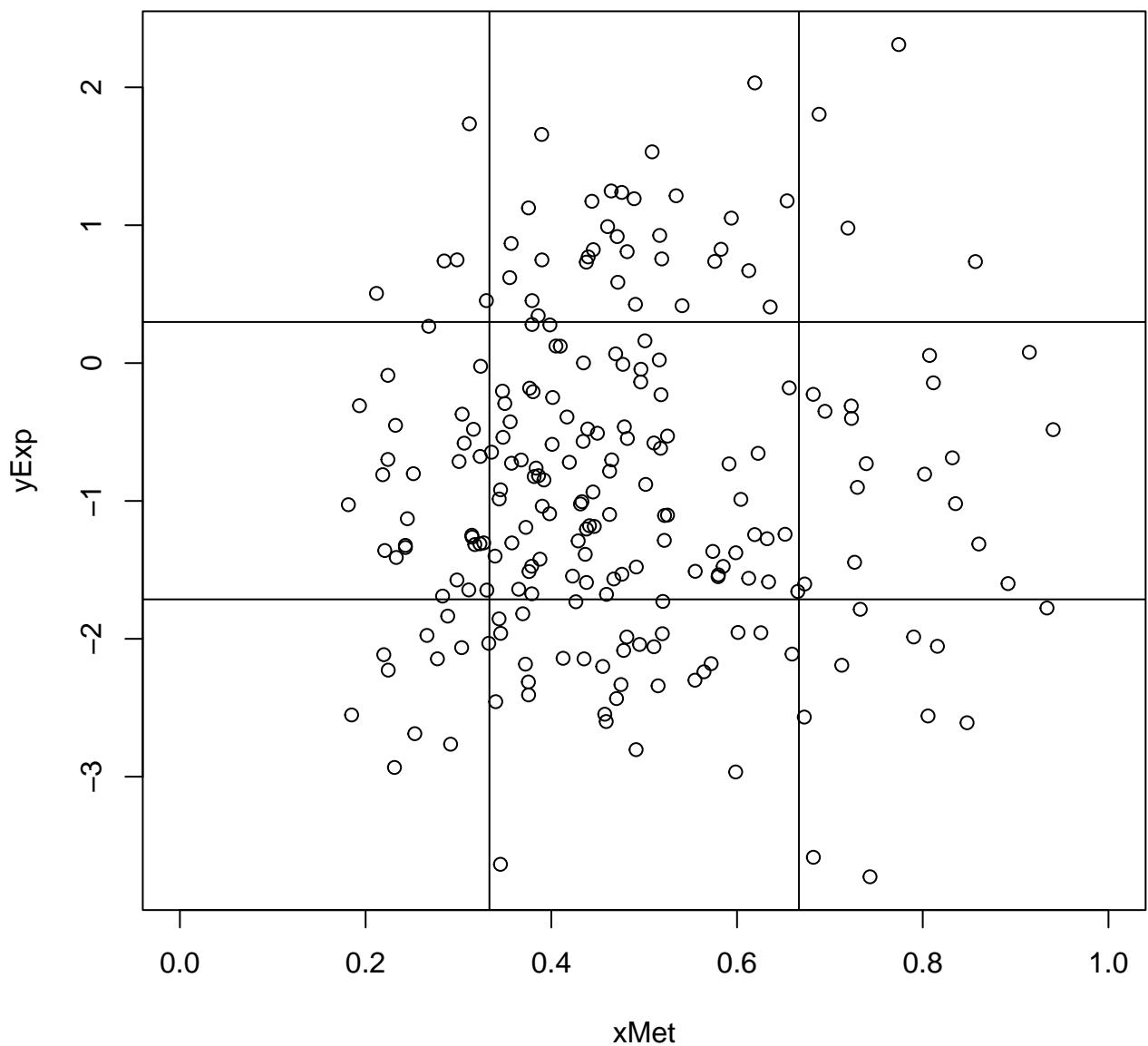
SEMA3E, 182



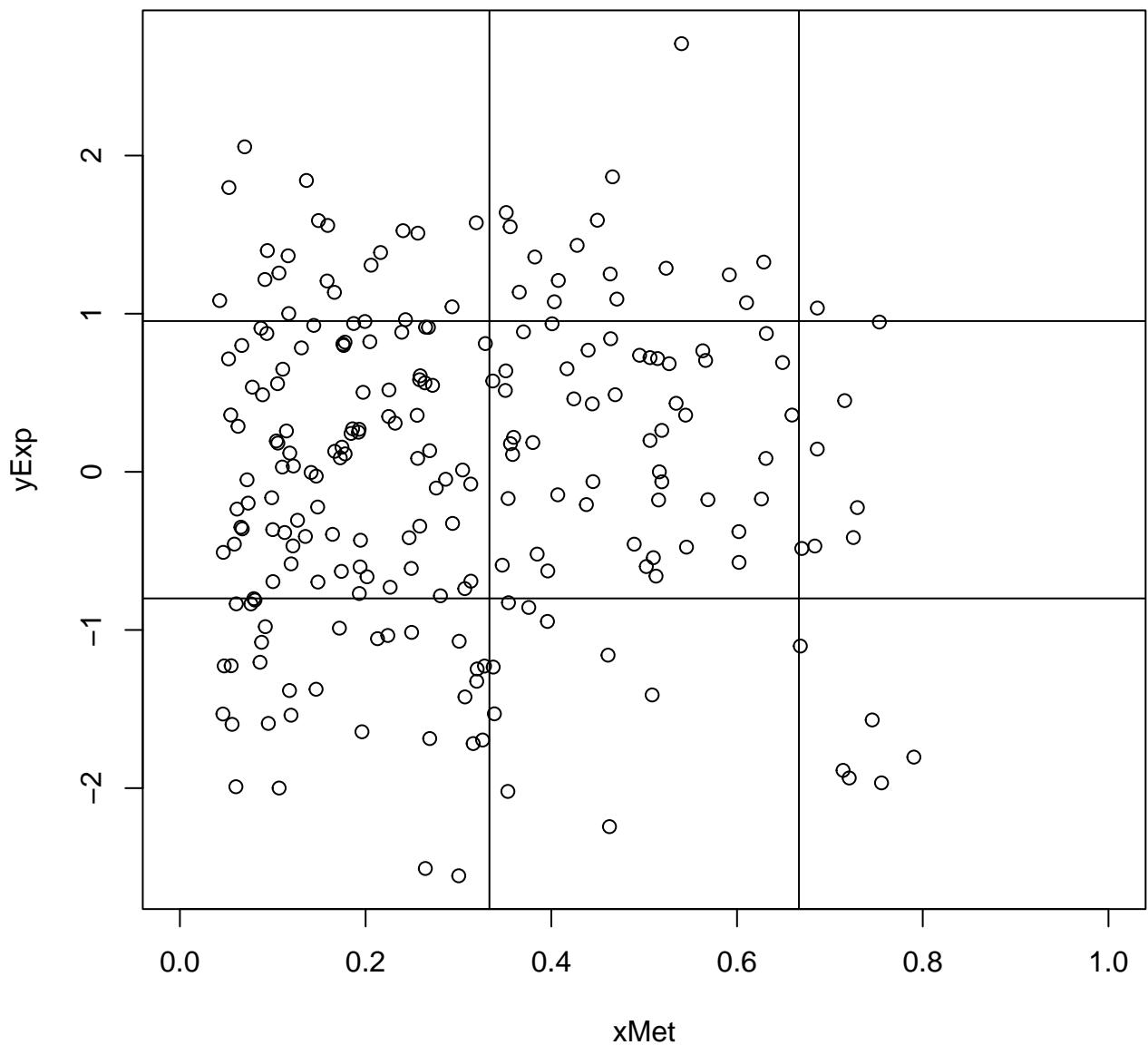
SEMA3F, 258



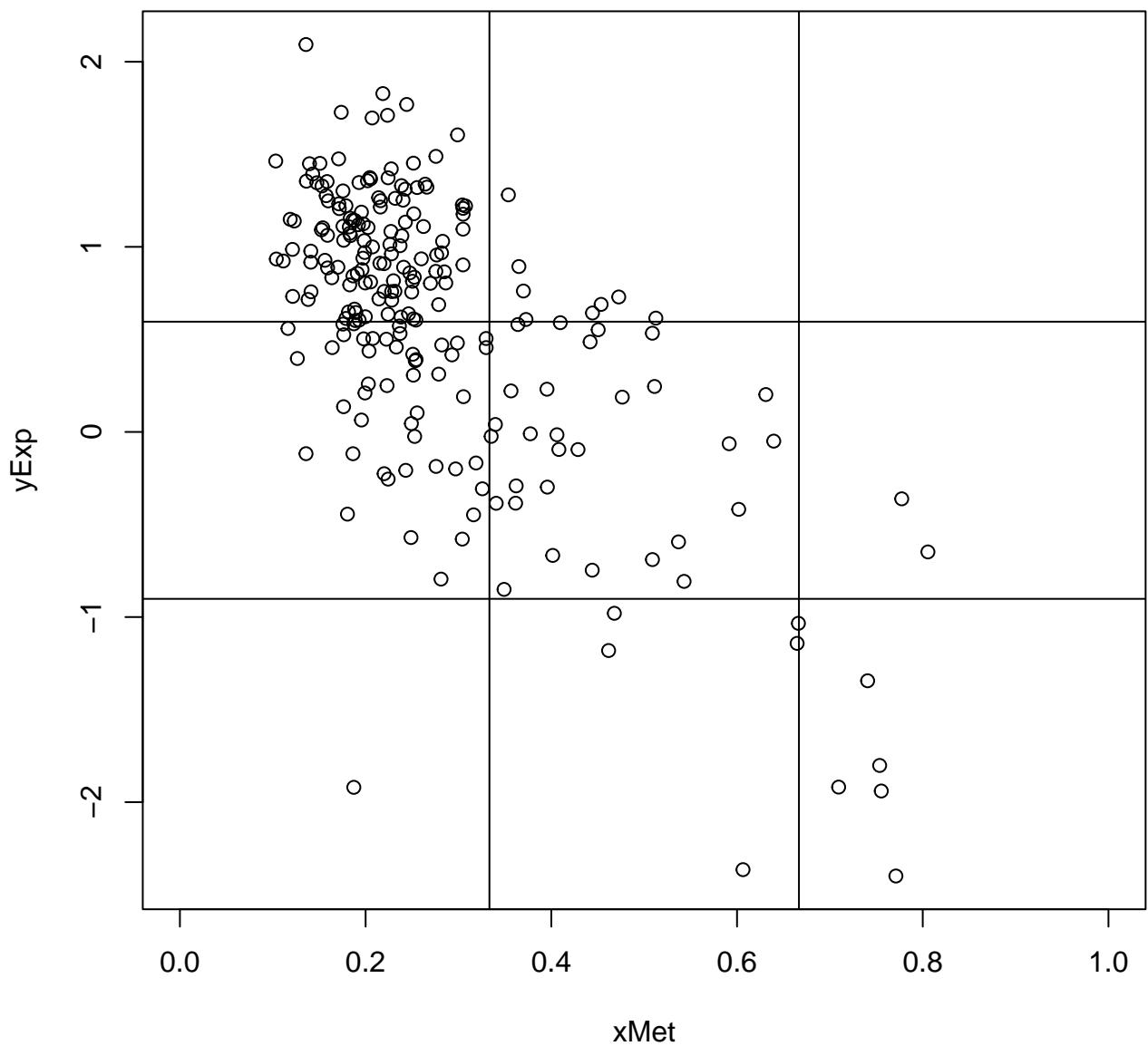
SERPINB8, -174.4



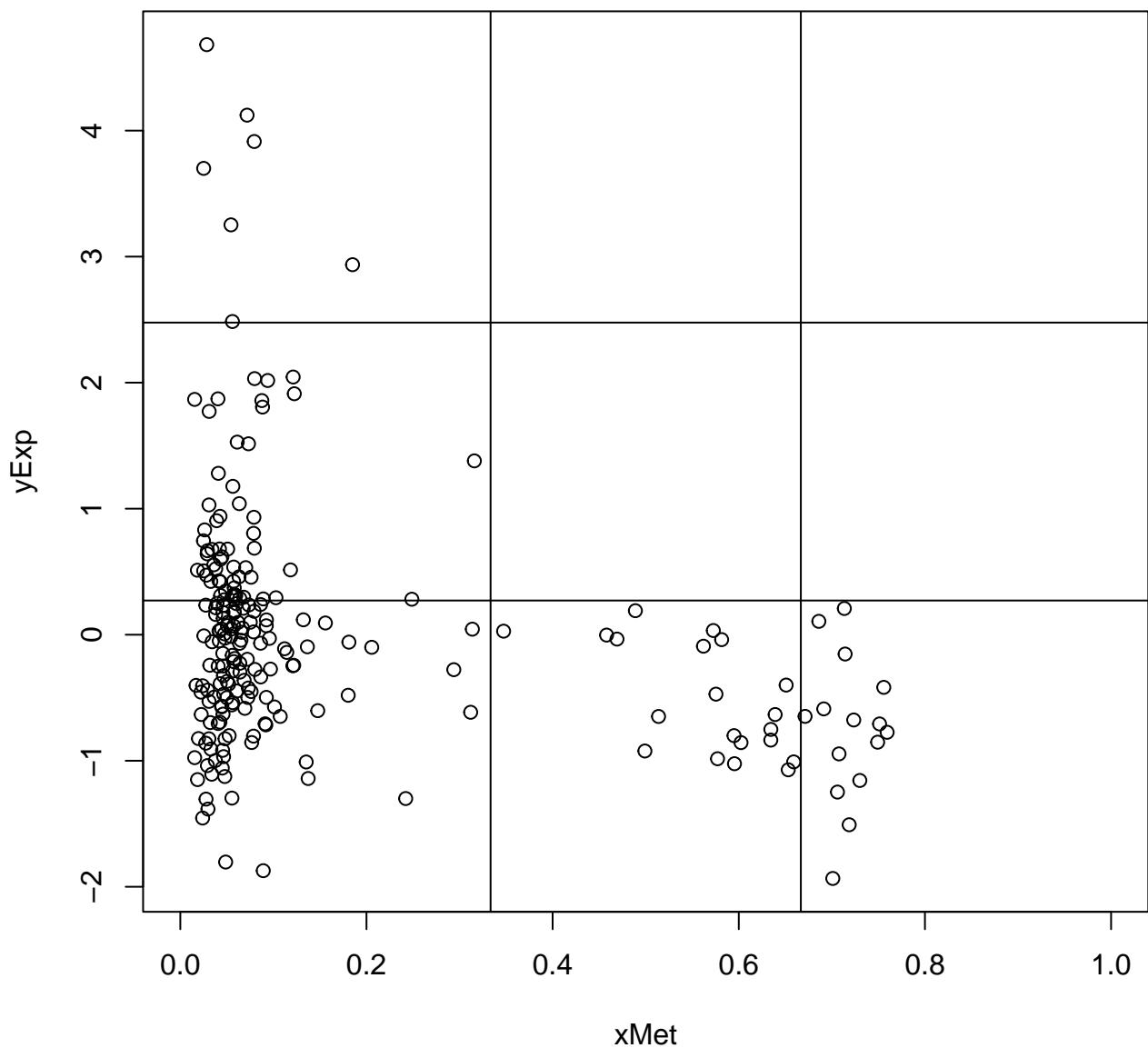
SERPING1, 86.4



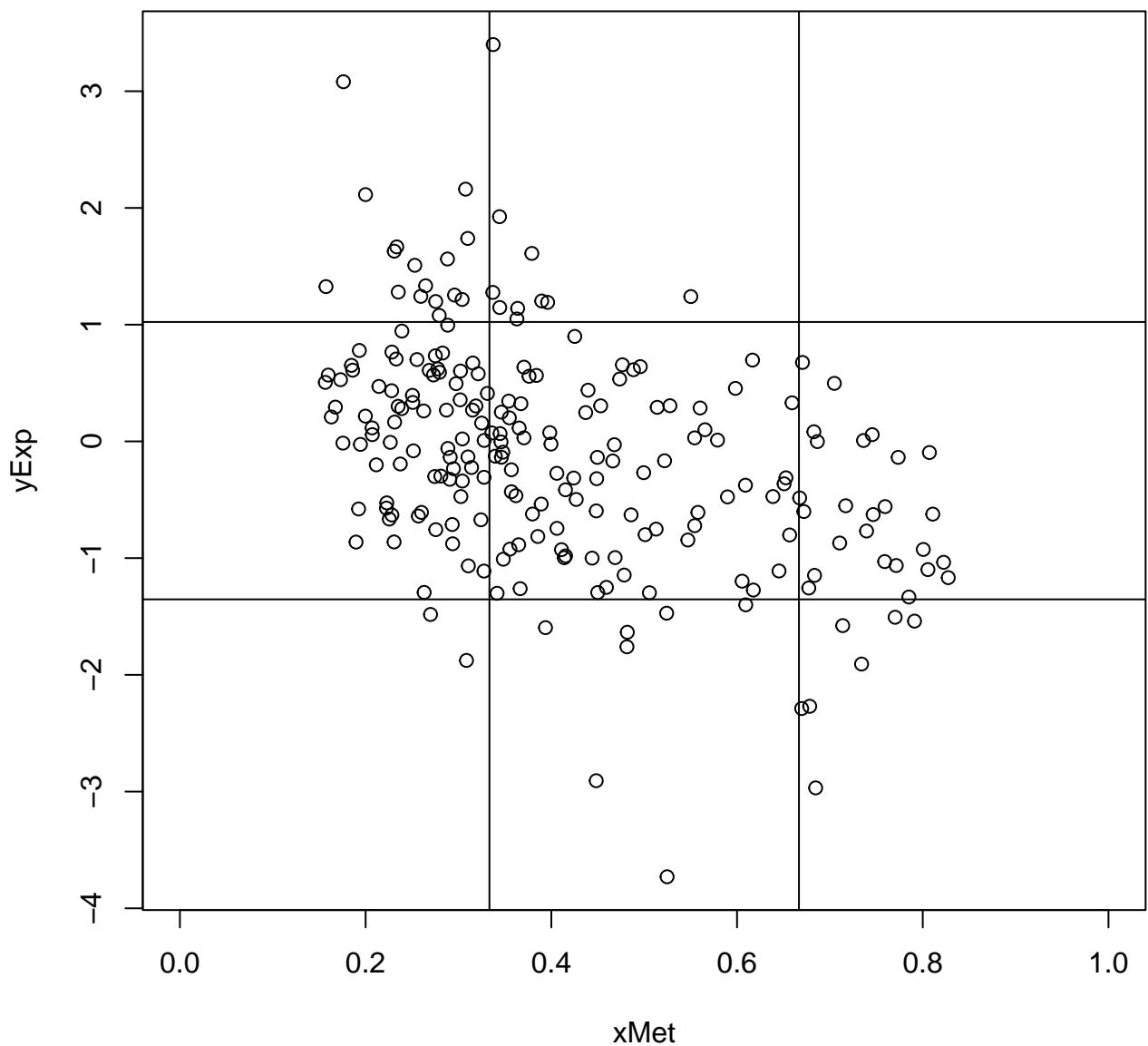
SGK2, 296



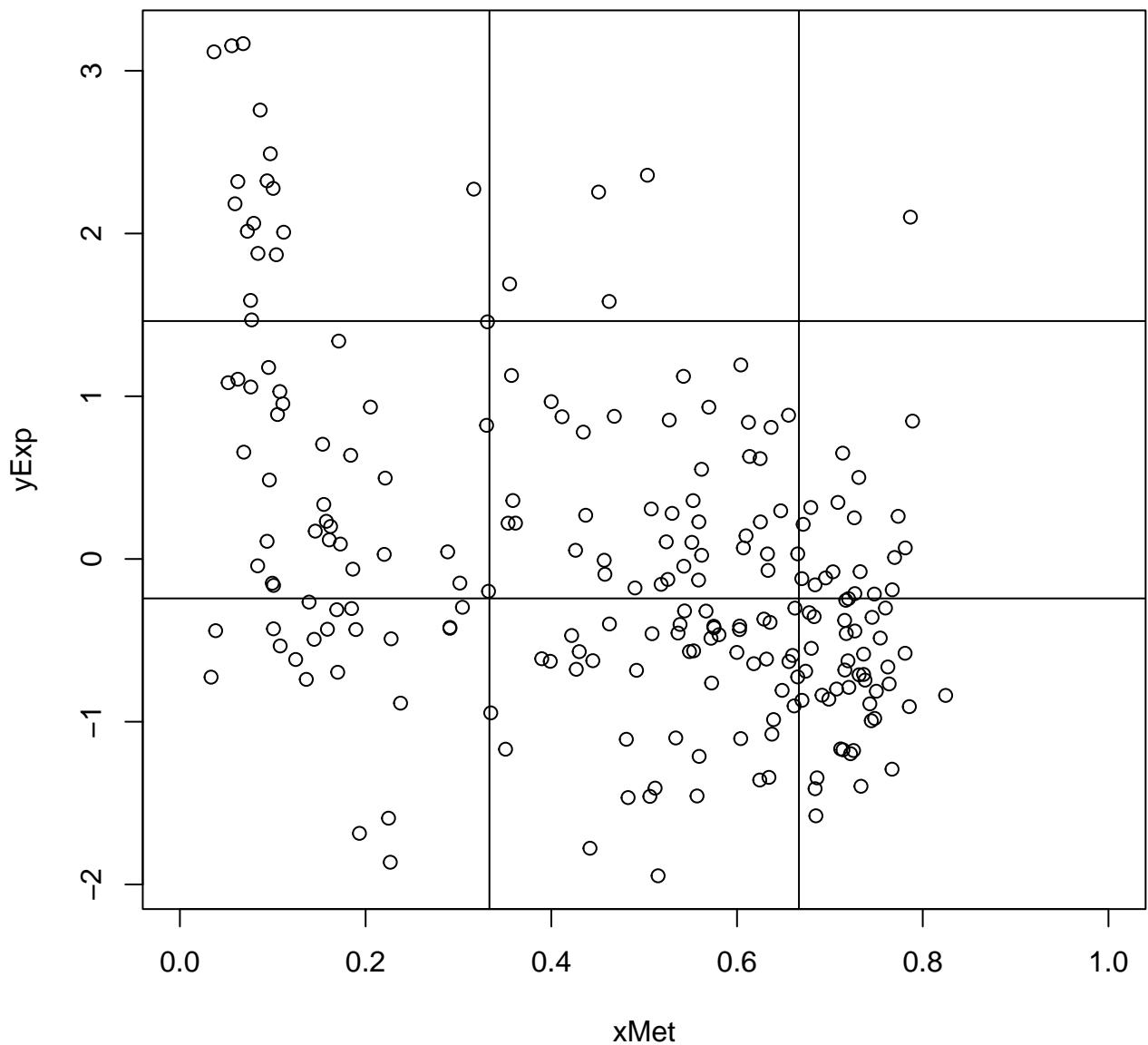
SH3GL2, 245



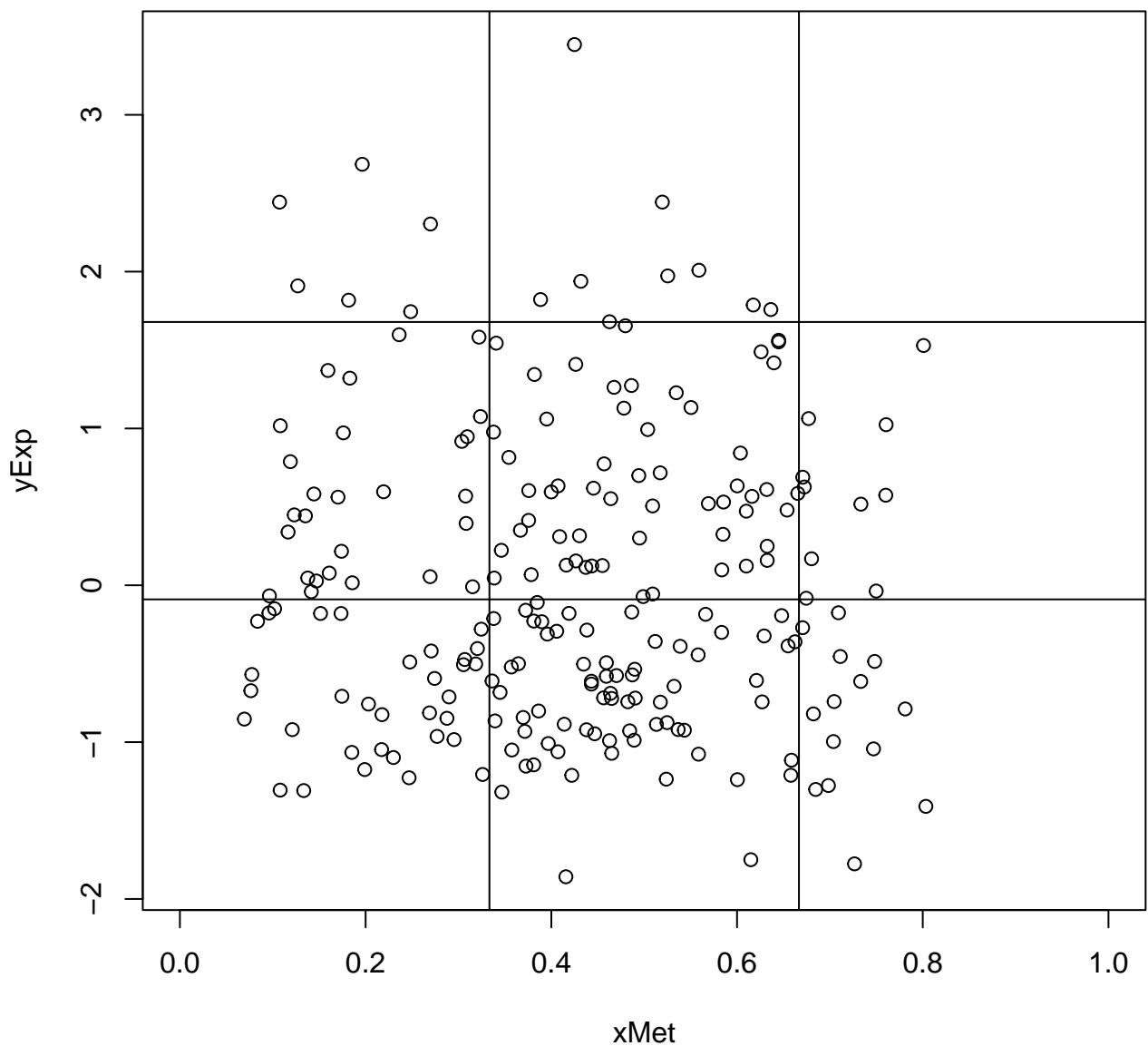
SH3TC1, 60



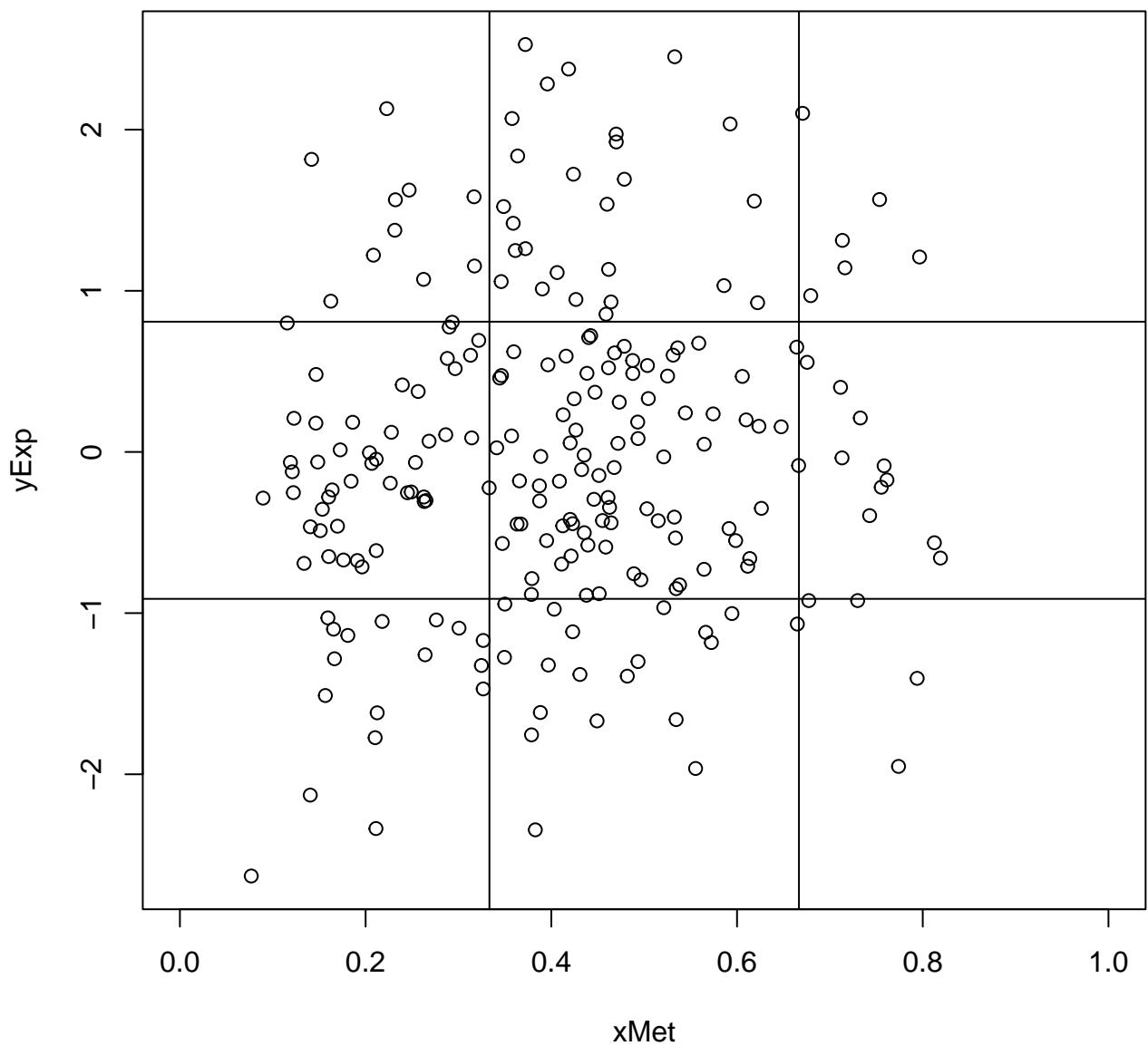
SHC3, 128.4



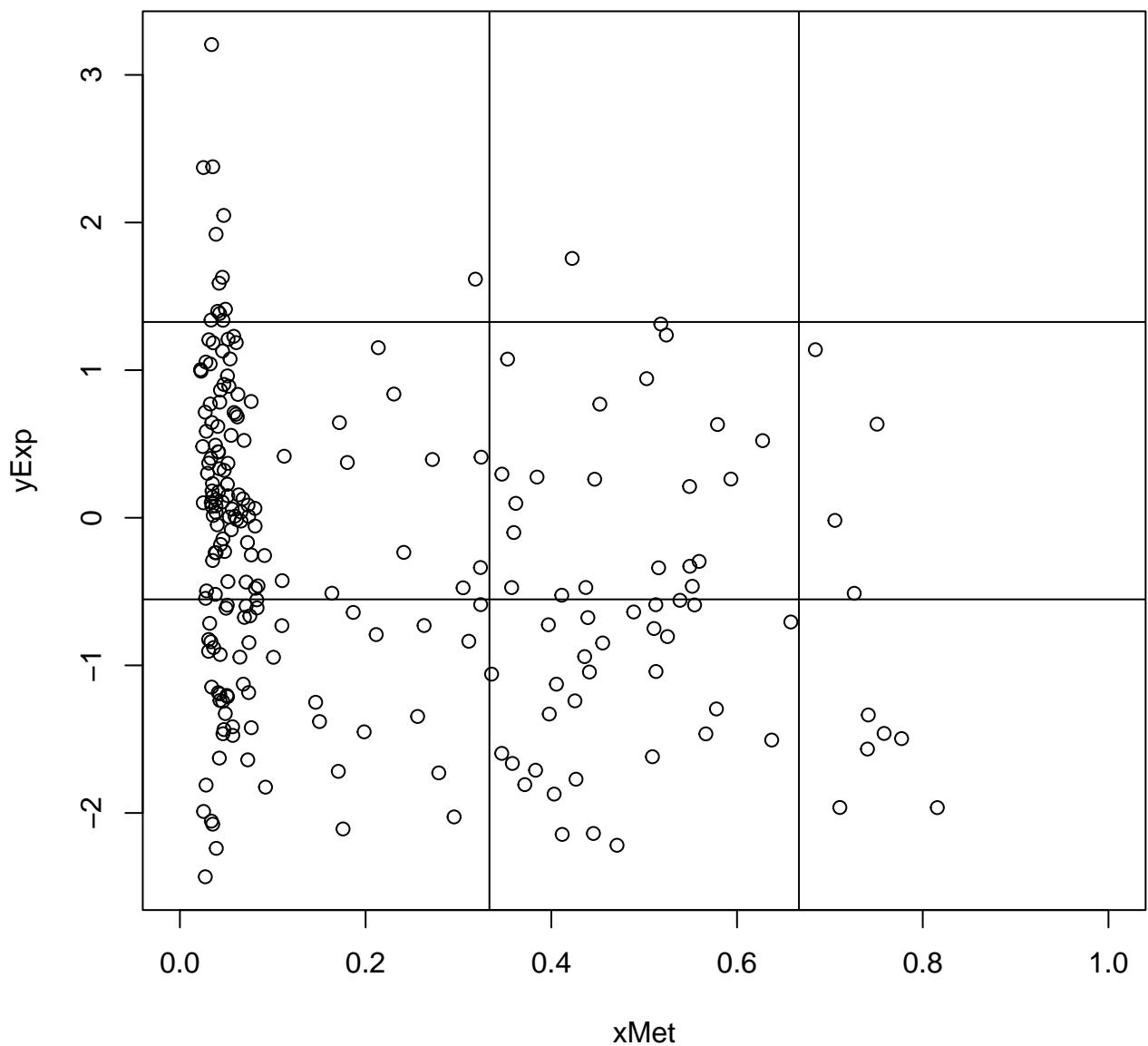
SIGLEC10, 131



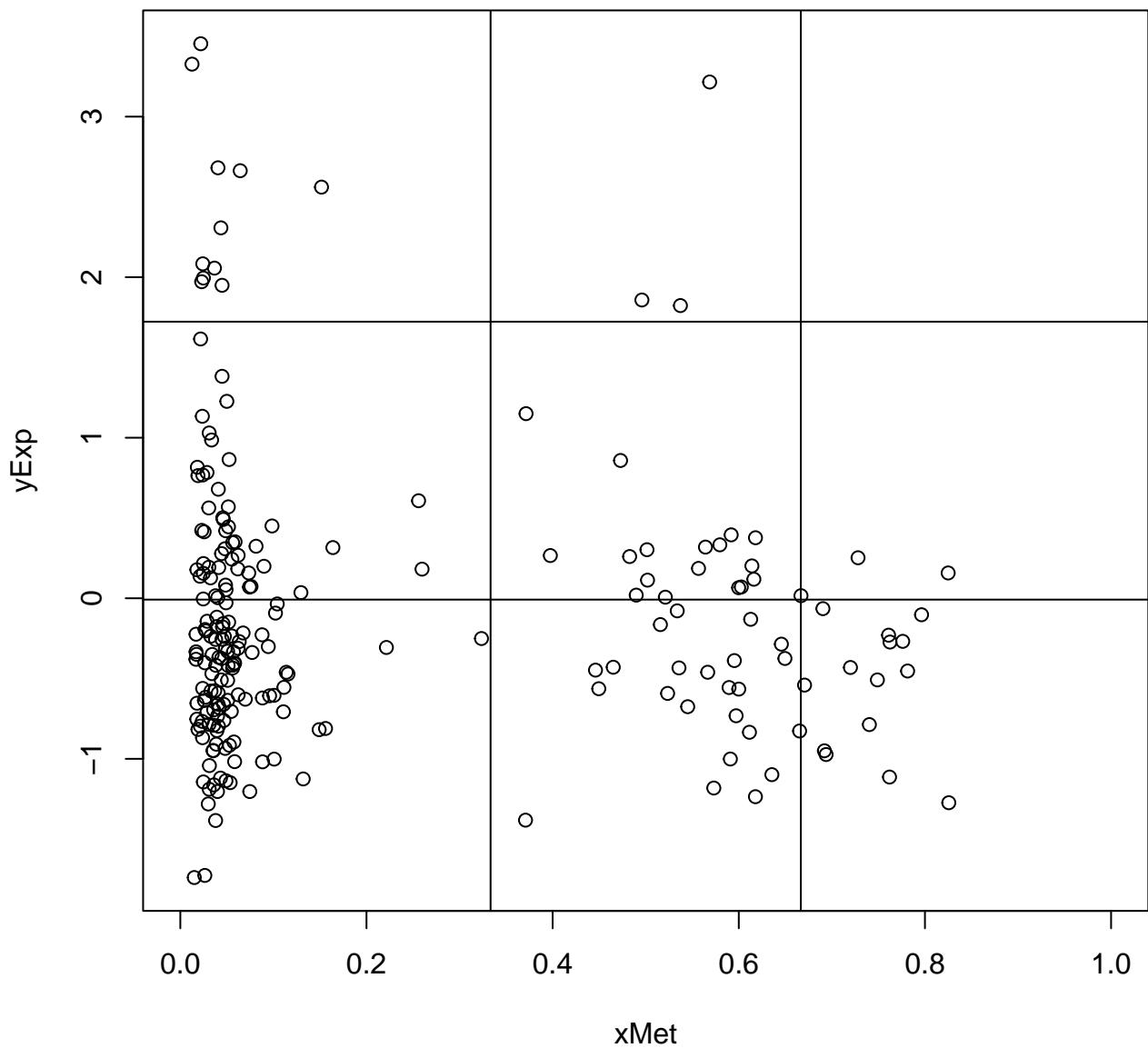
SIGLEC7, -228.6



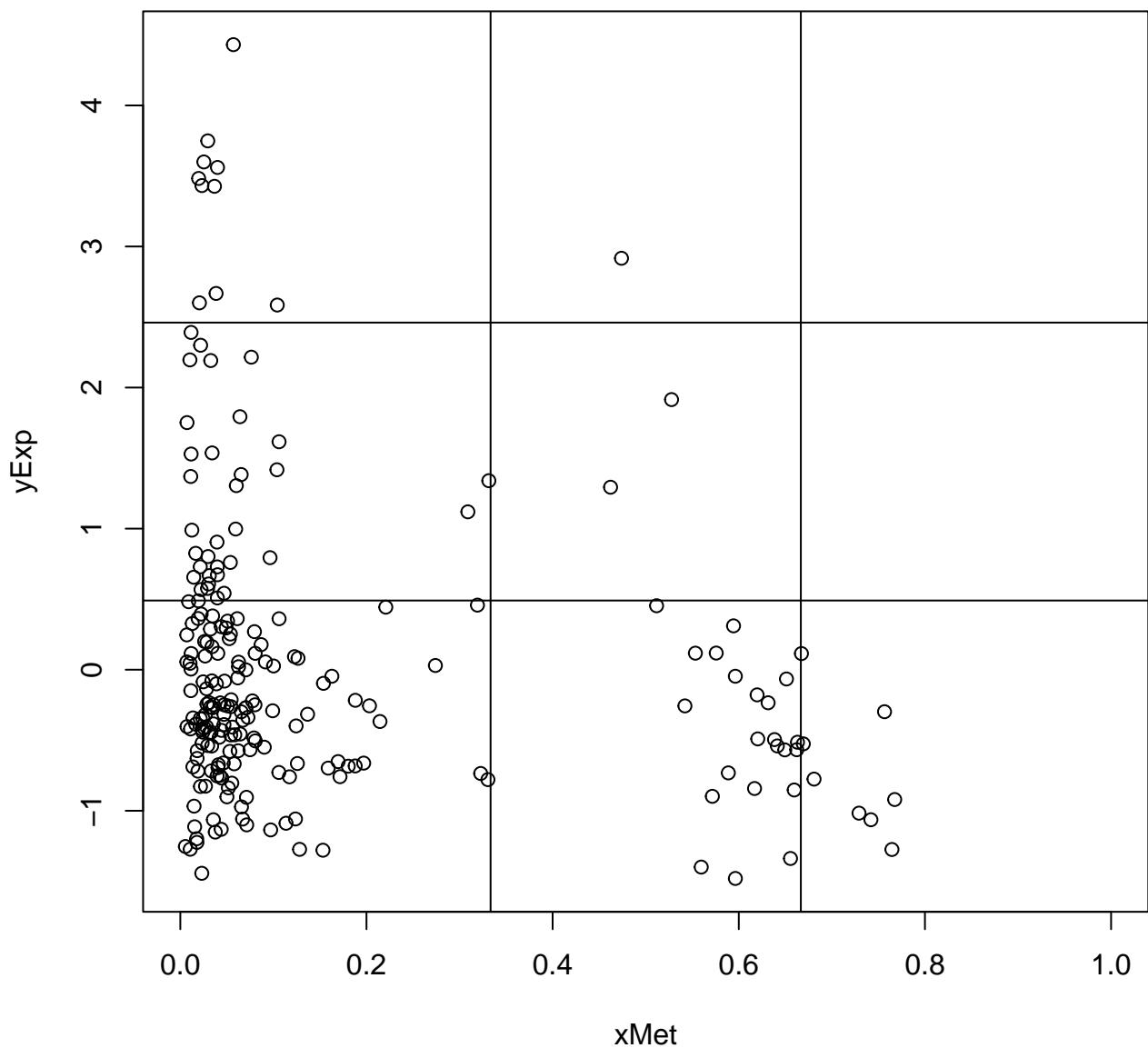
SIRPA, 206



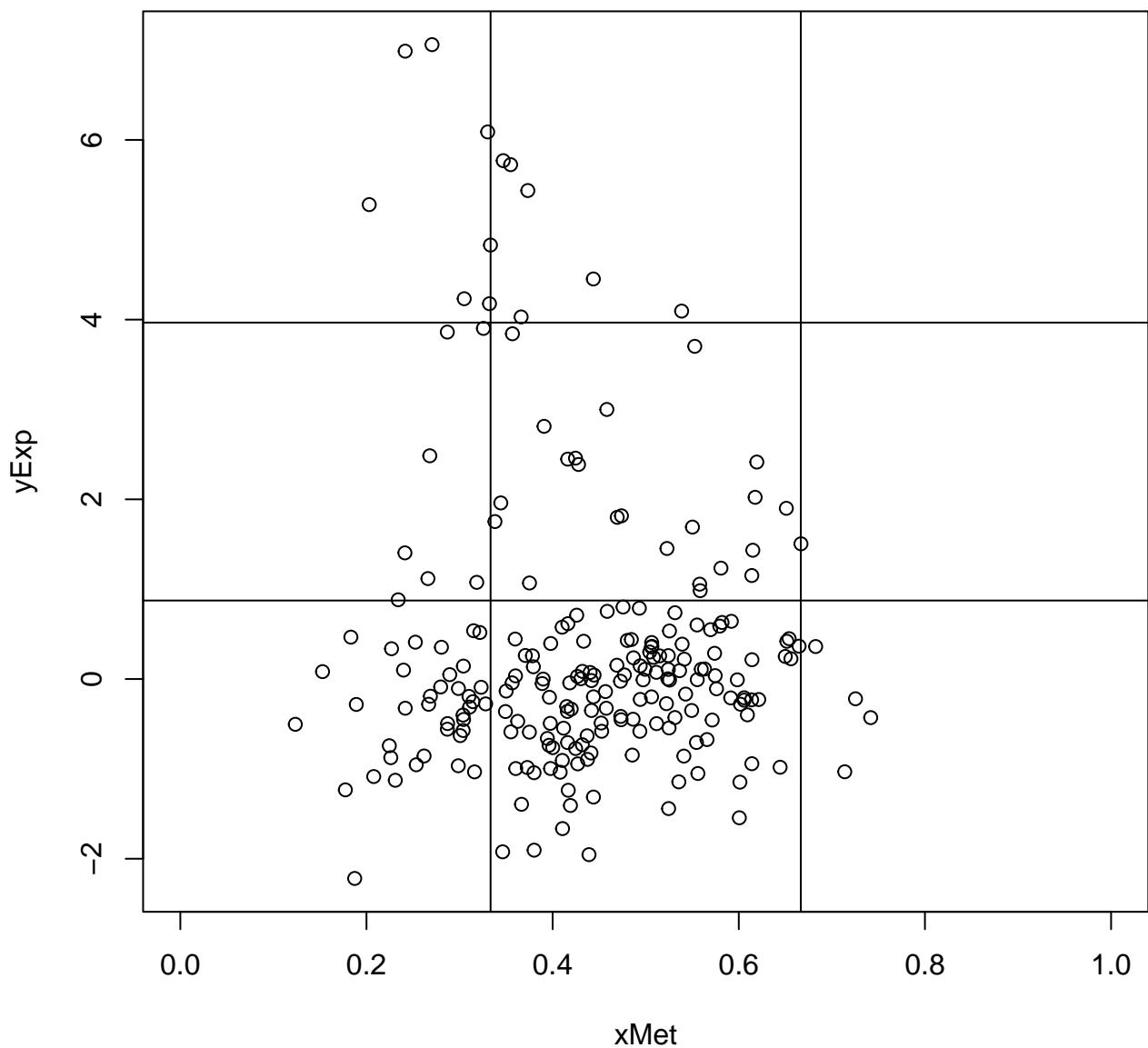
SIX1, 213



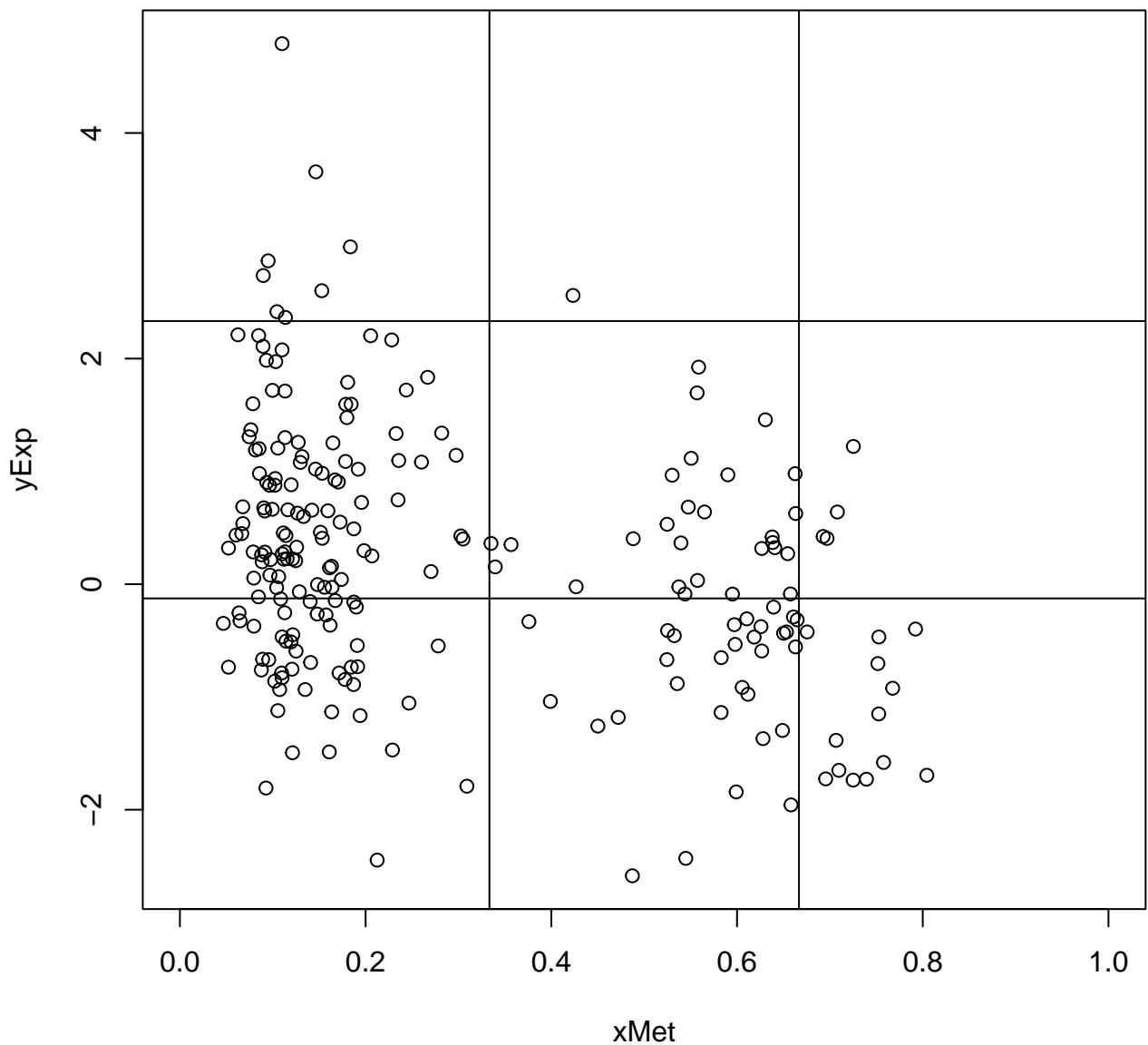
SIX2, 236



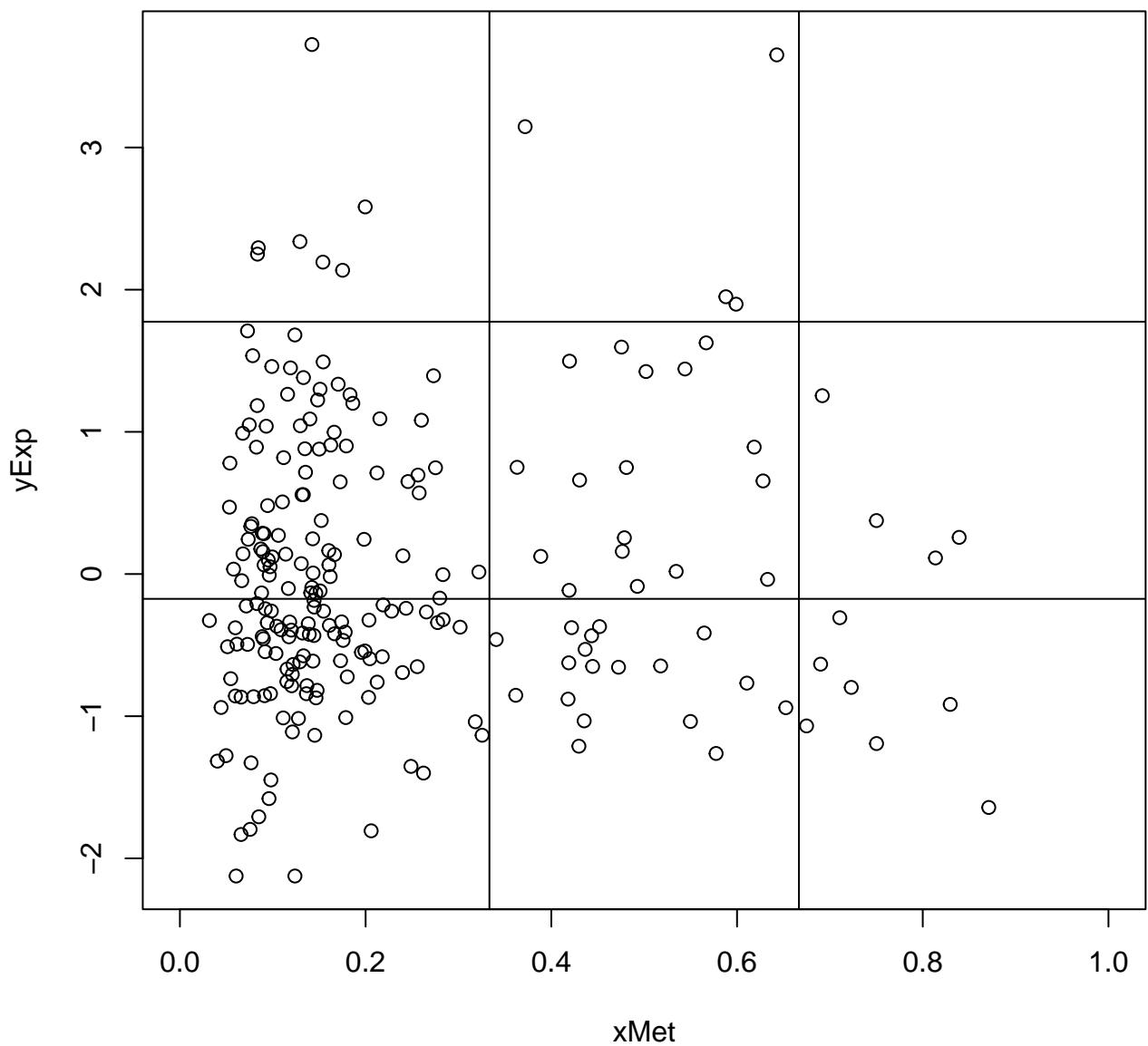
SLC14A1, 191



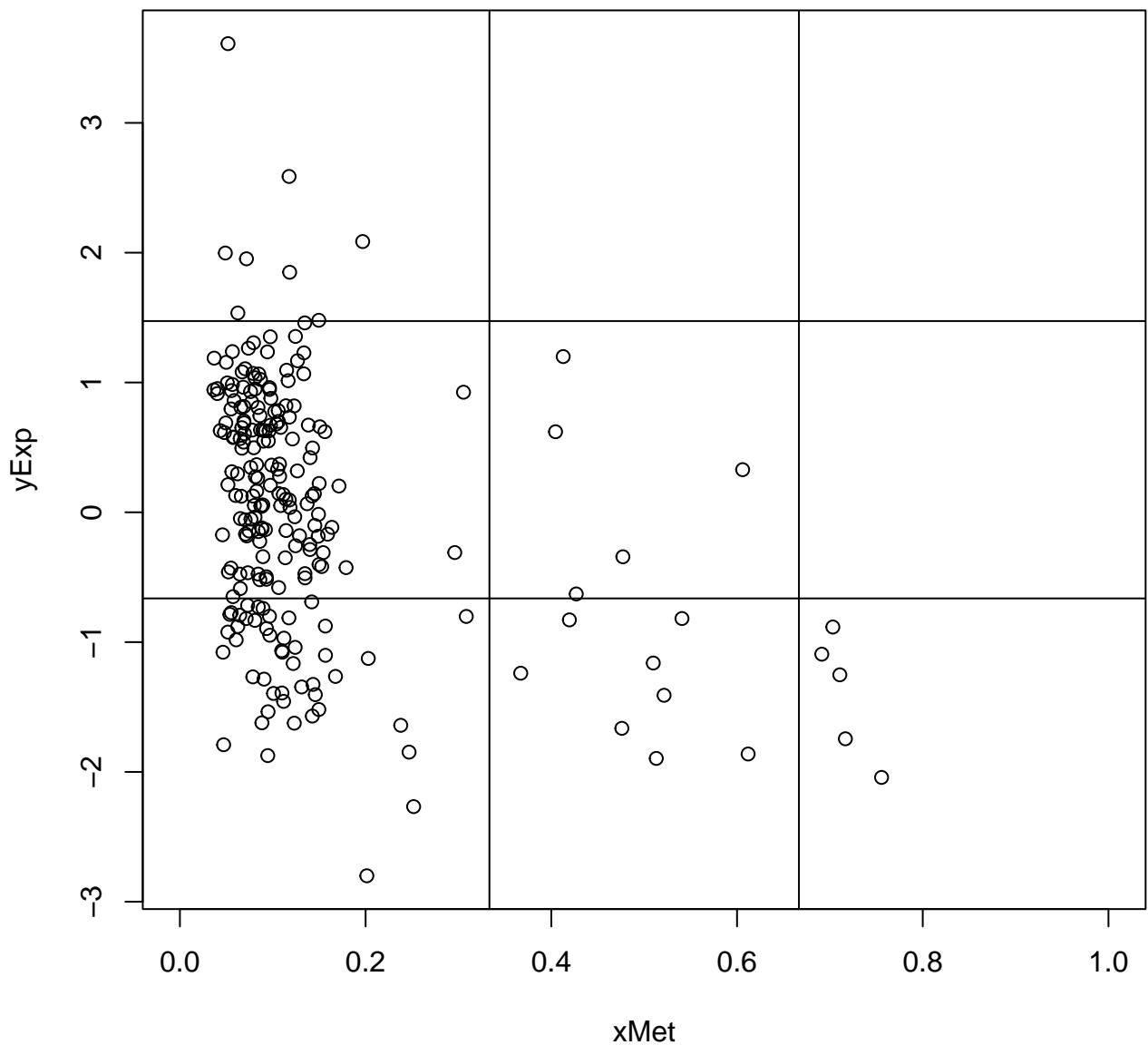
SLC15A1, 202



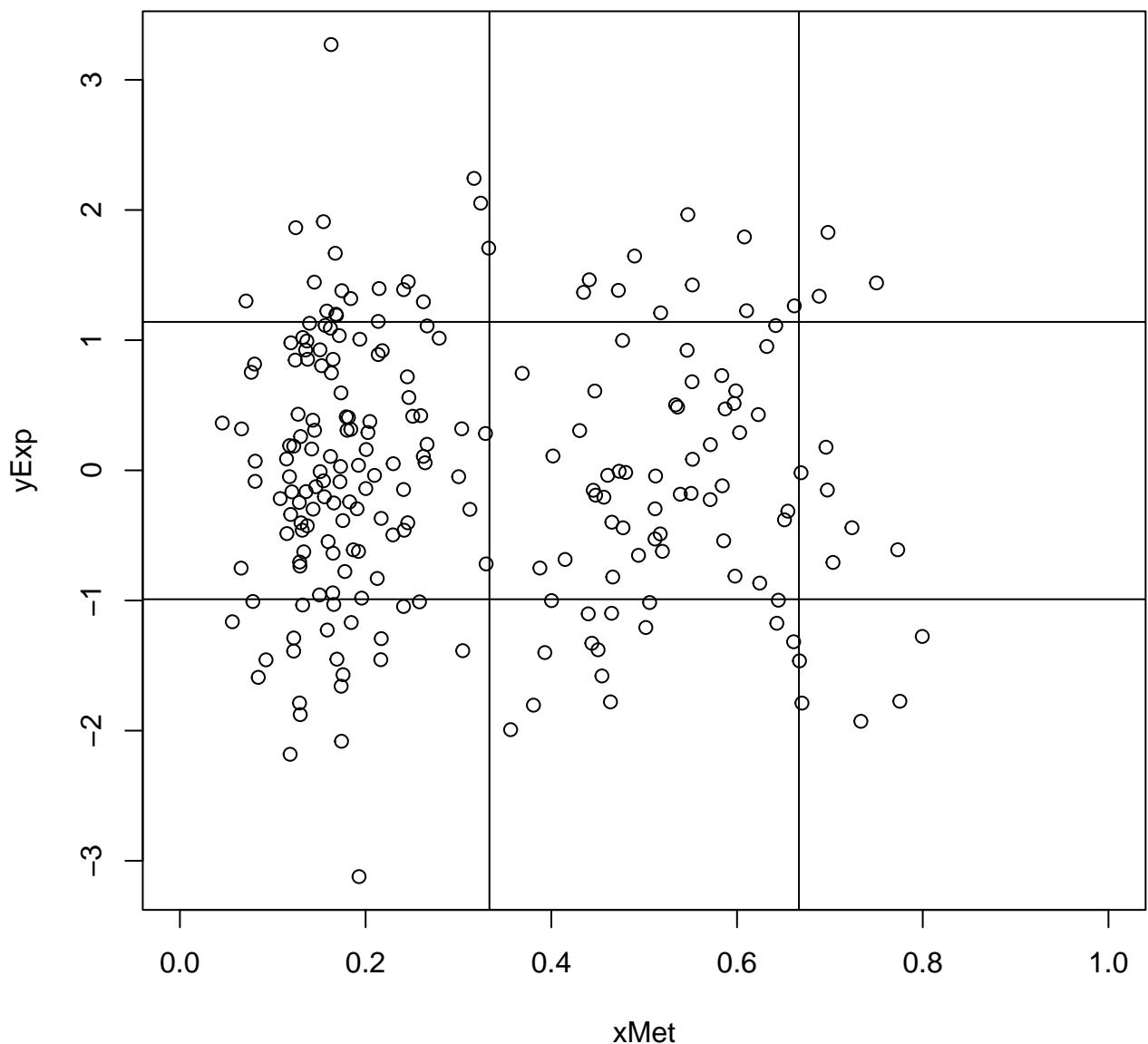
SLC17A8, 196



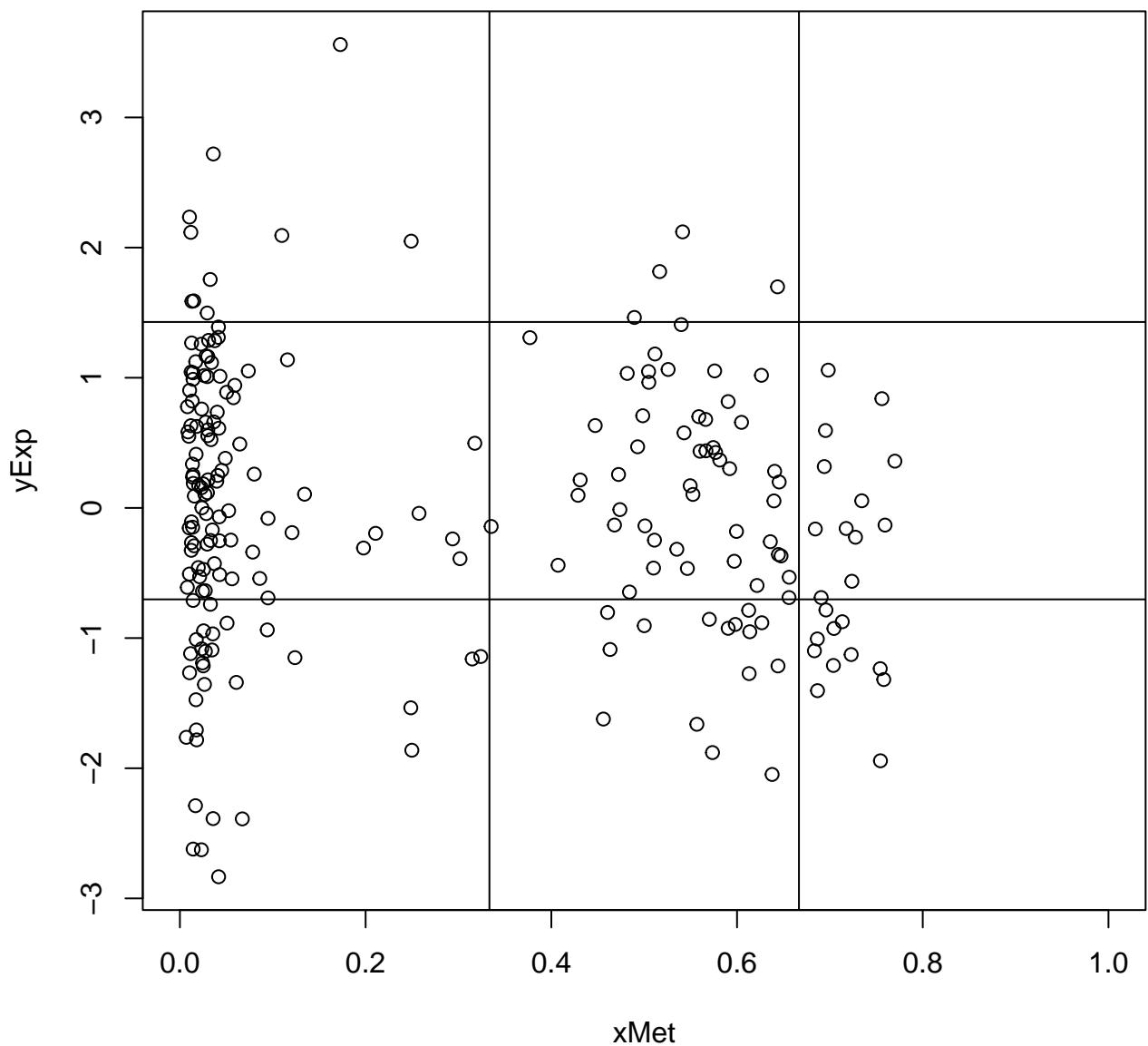
SLC19A3, 231



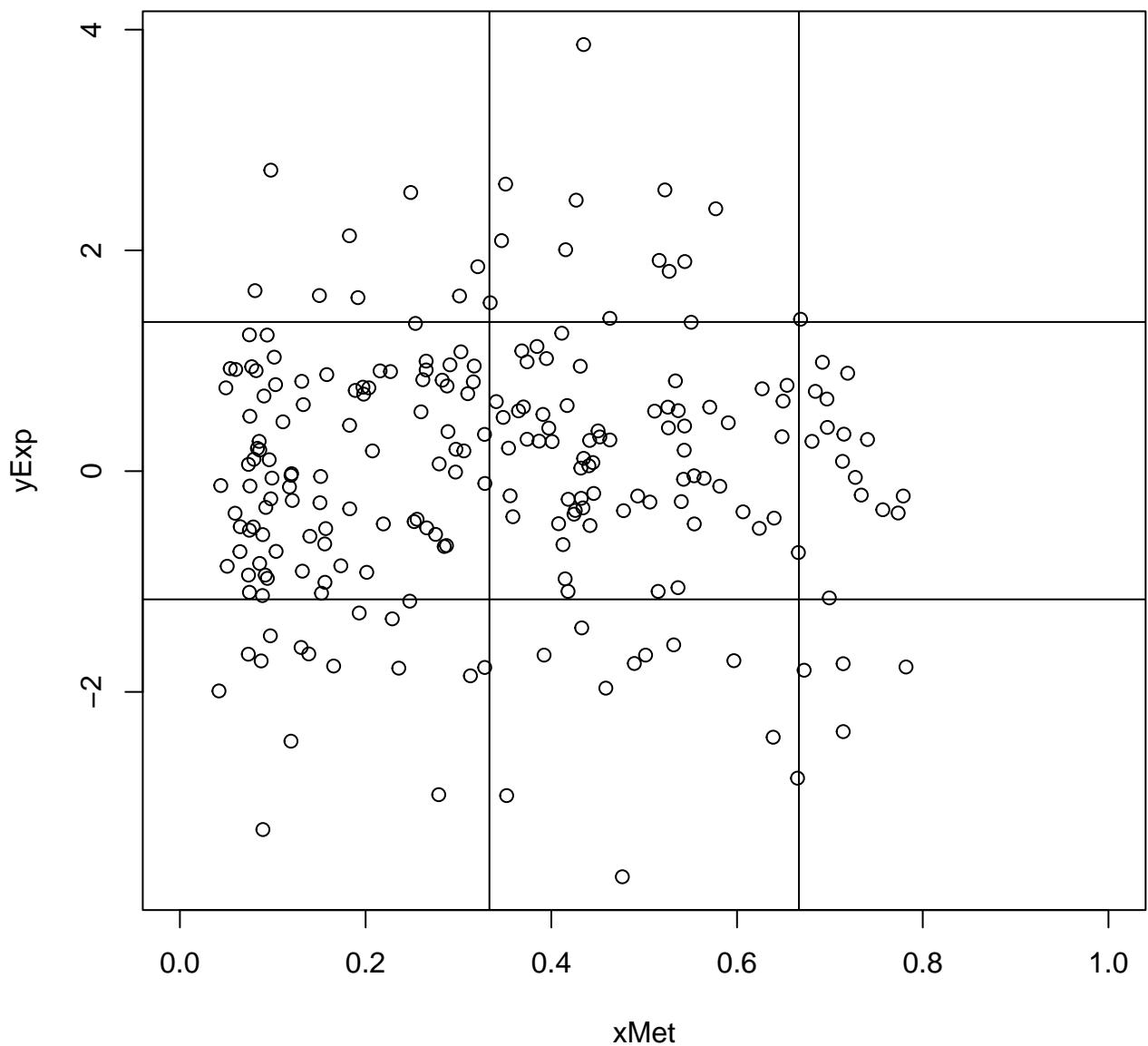
SLC1A2, 17.2



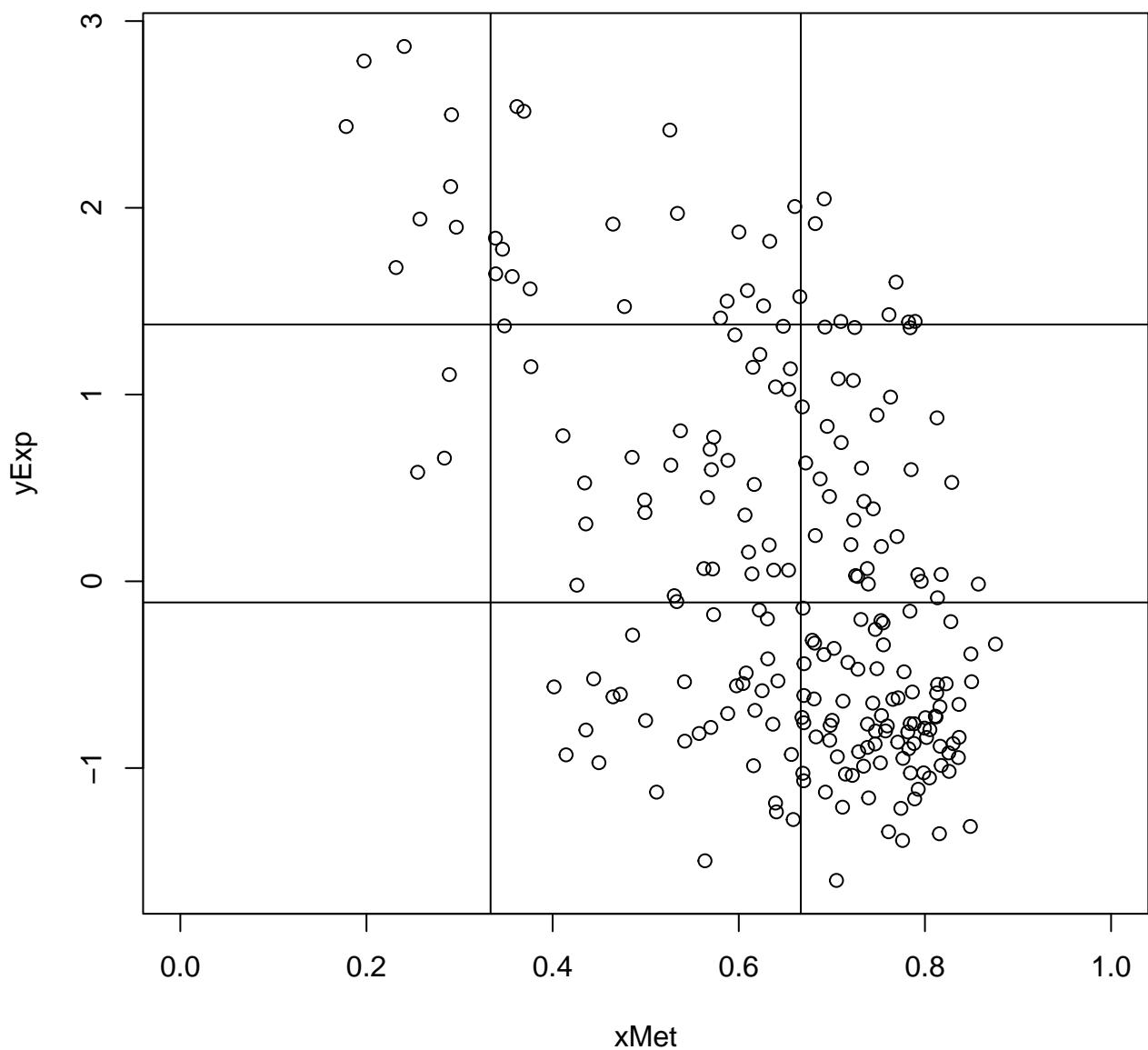
SLC22A17, 147



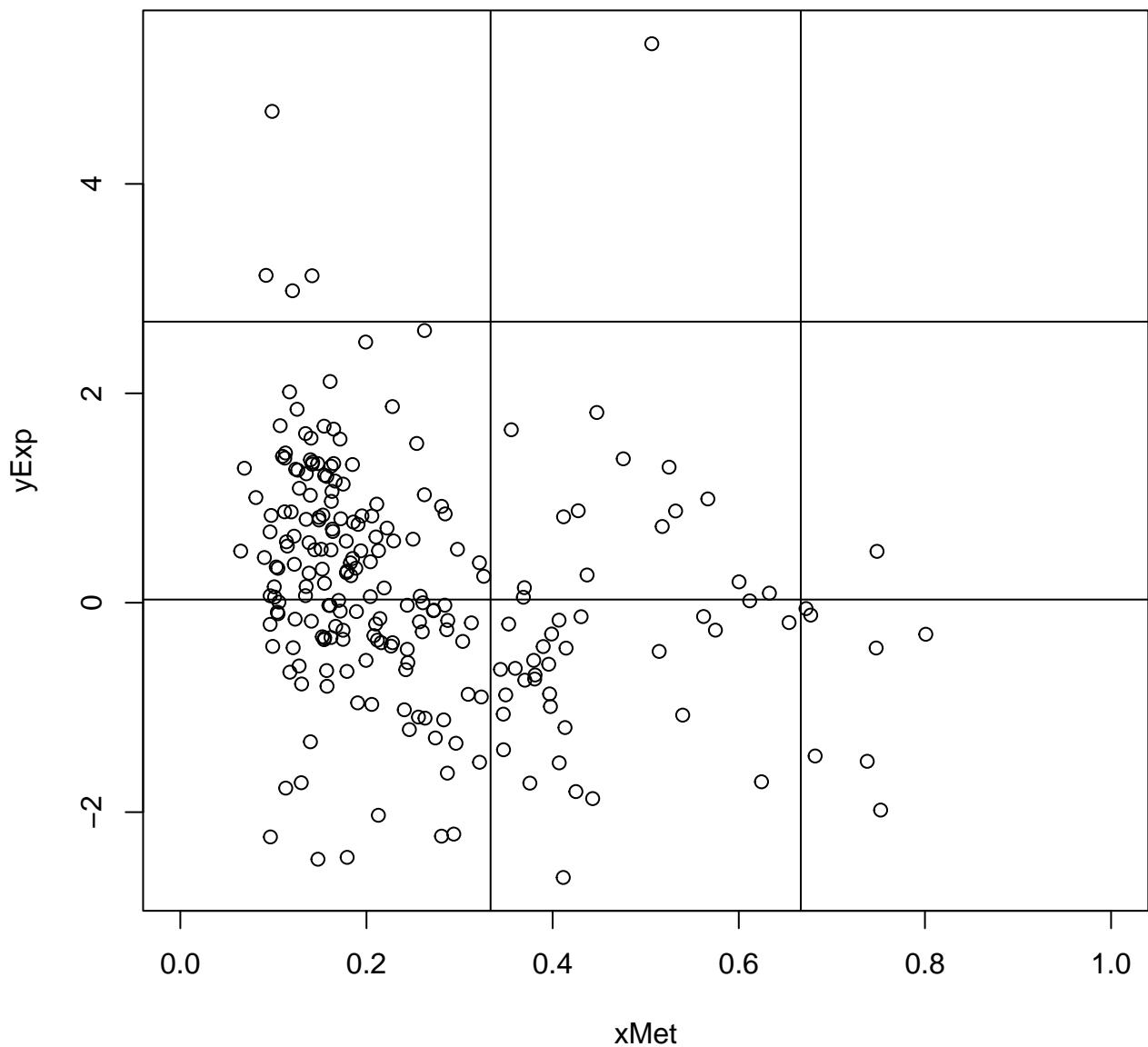
SLC26A5, 41.4



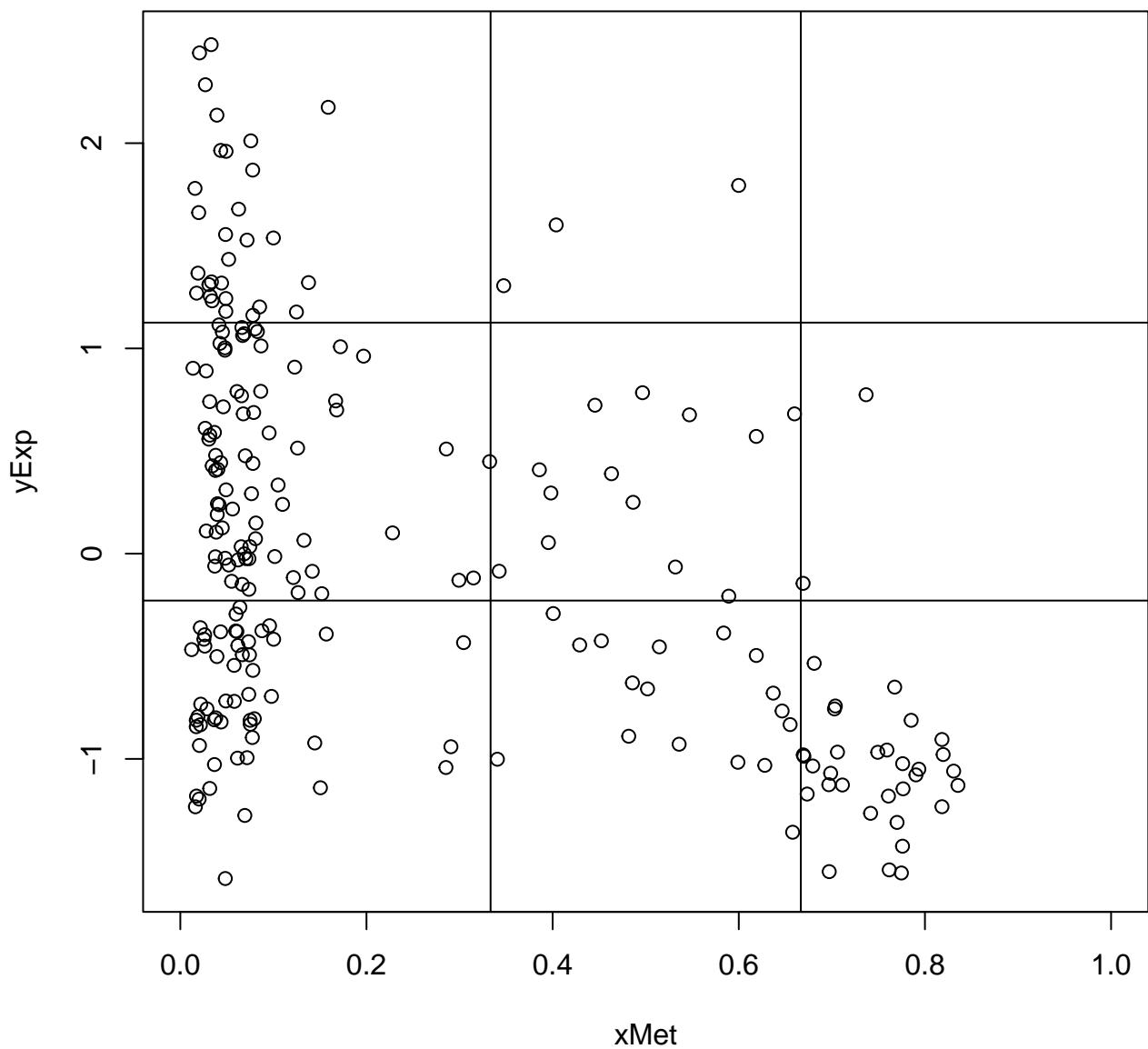
SLC28A2, -191.2



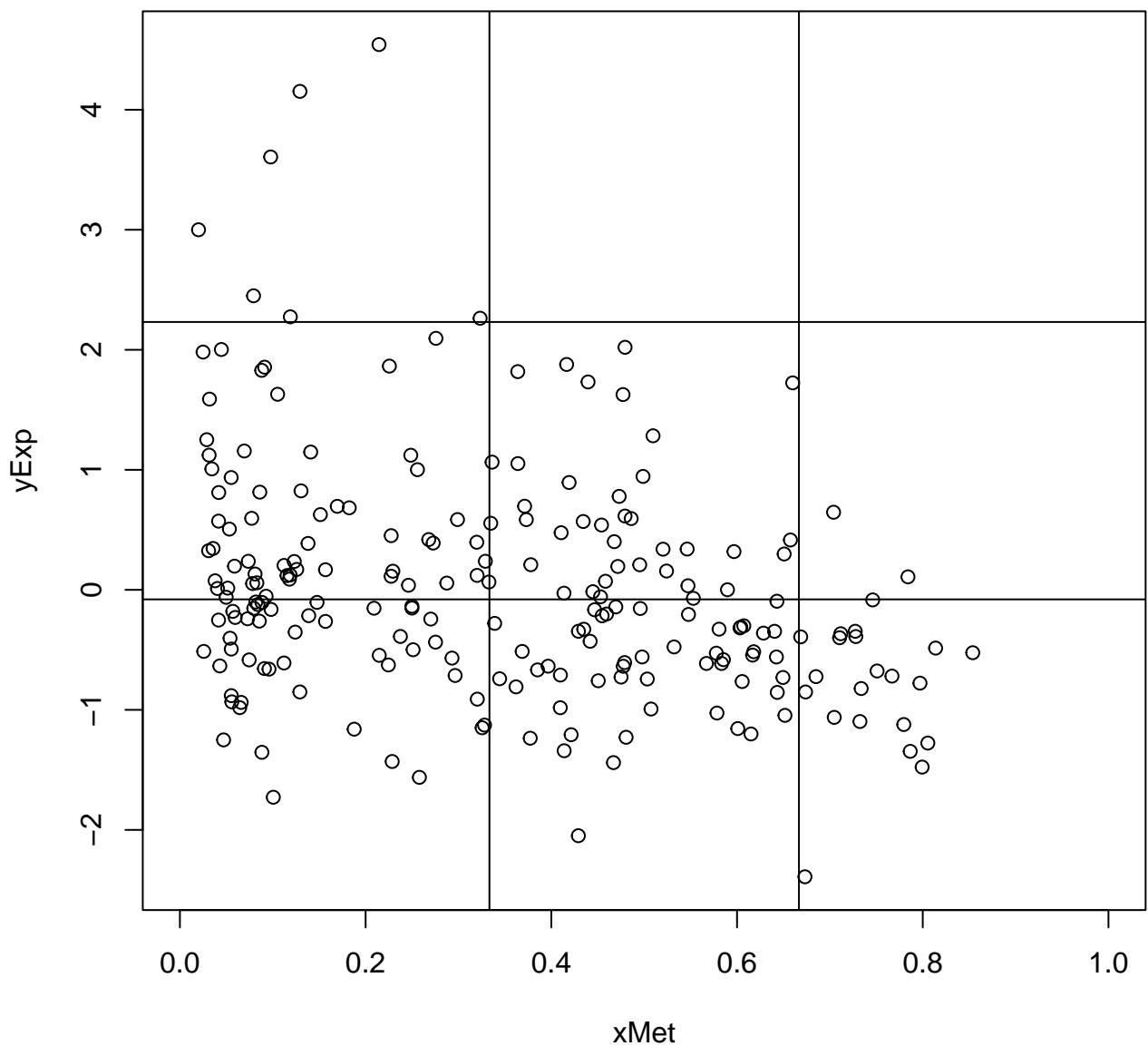
SLC29A1, 214



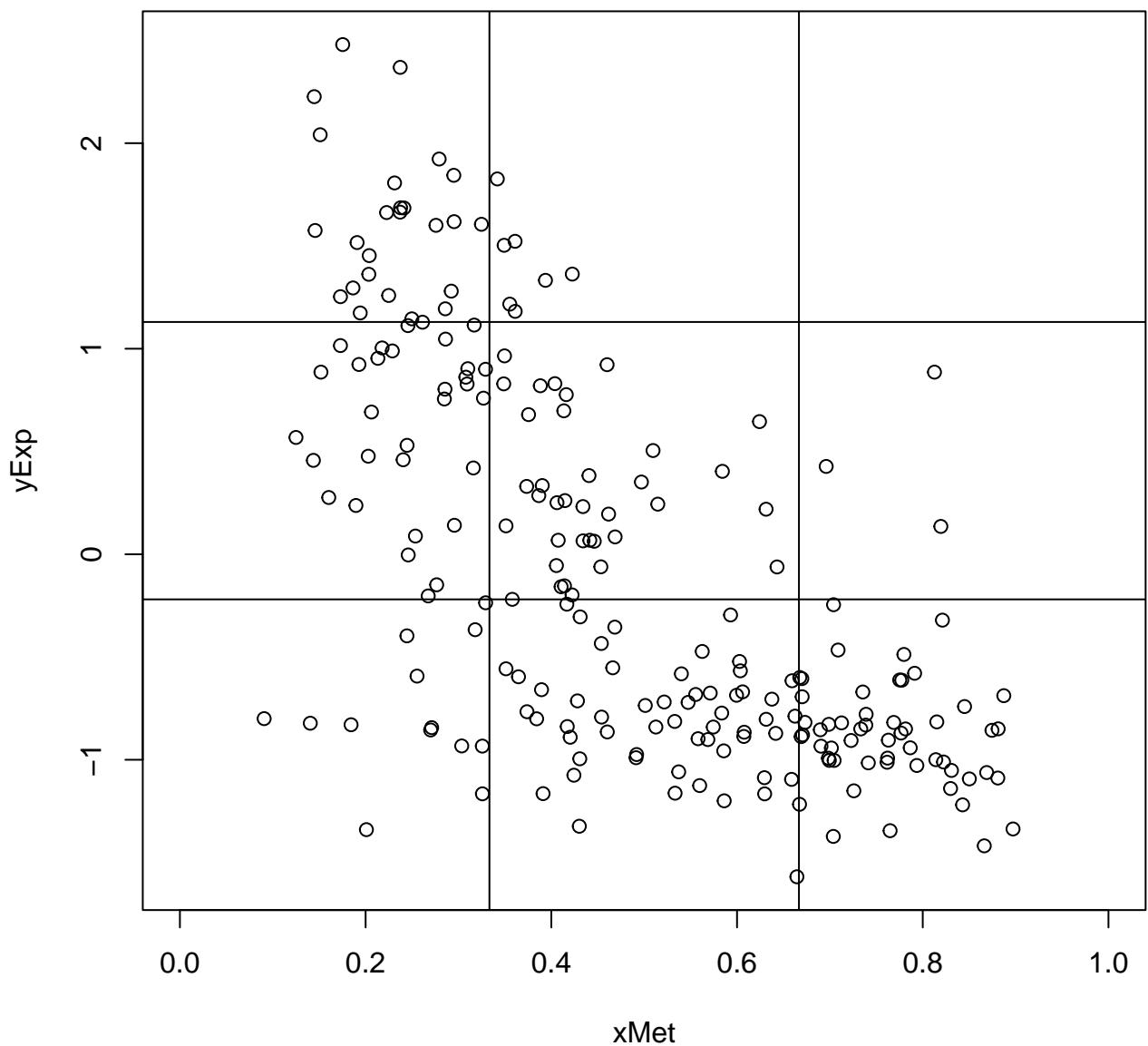
SLC30A2, 255



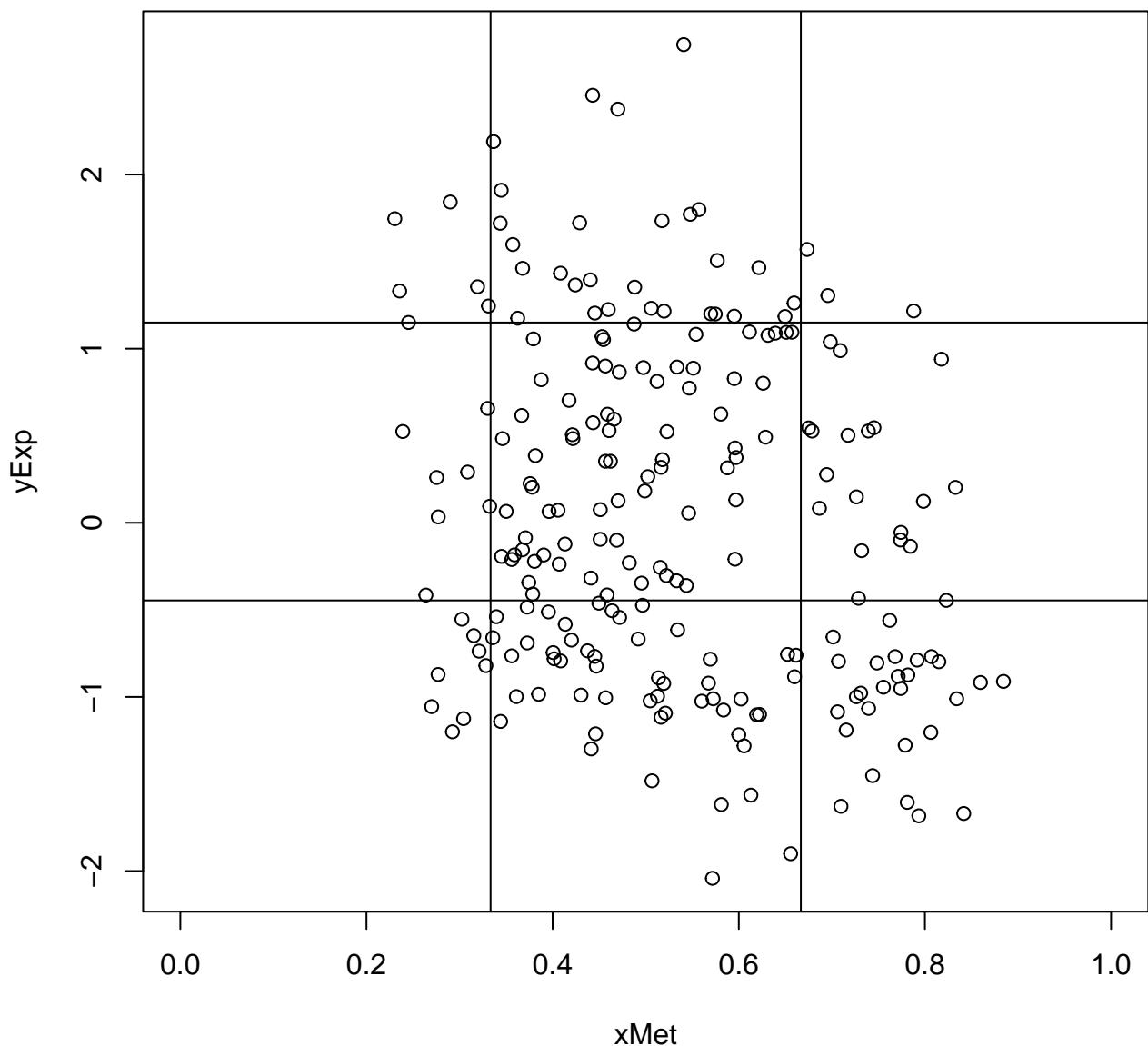
SLC35G2, 208



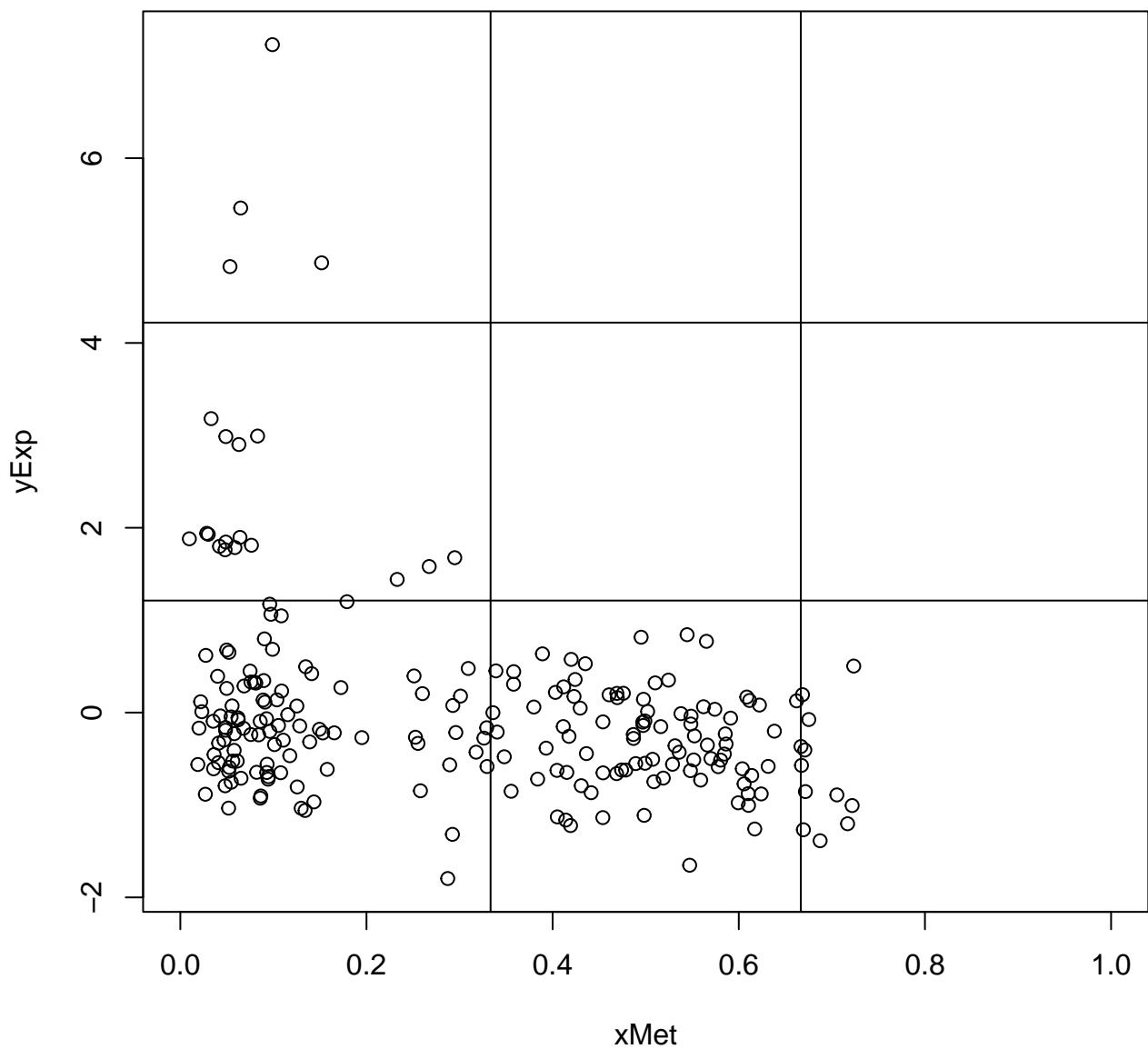
SLC39A2, 237



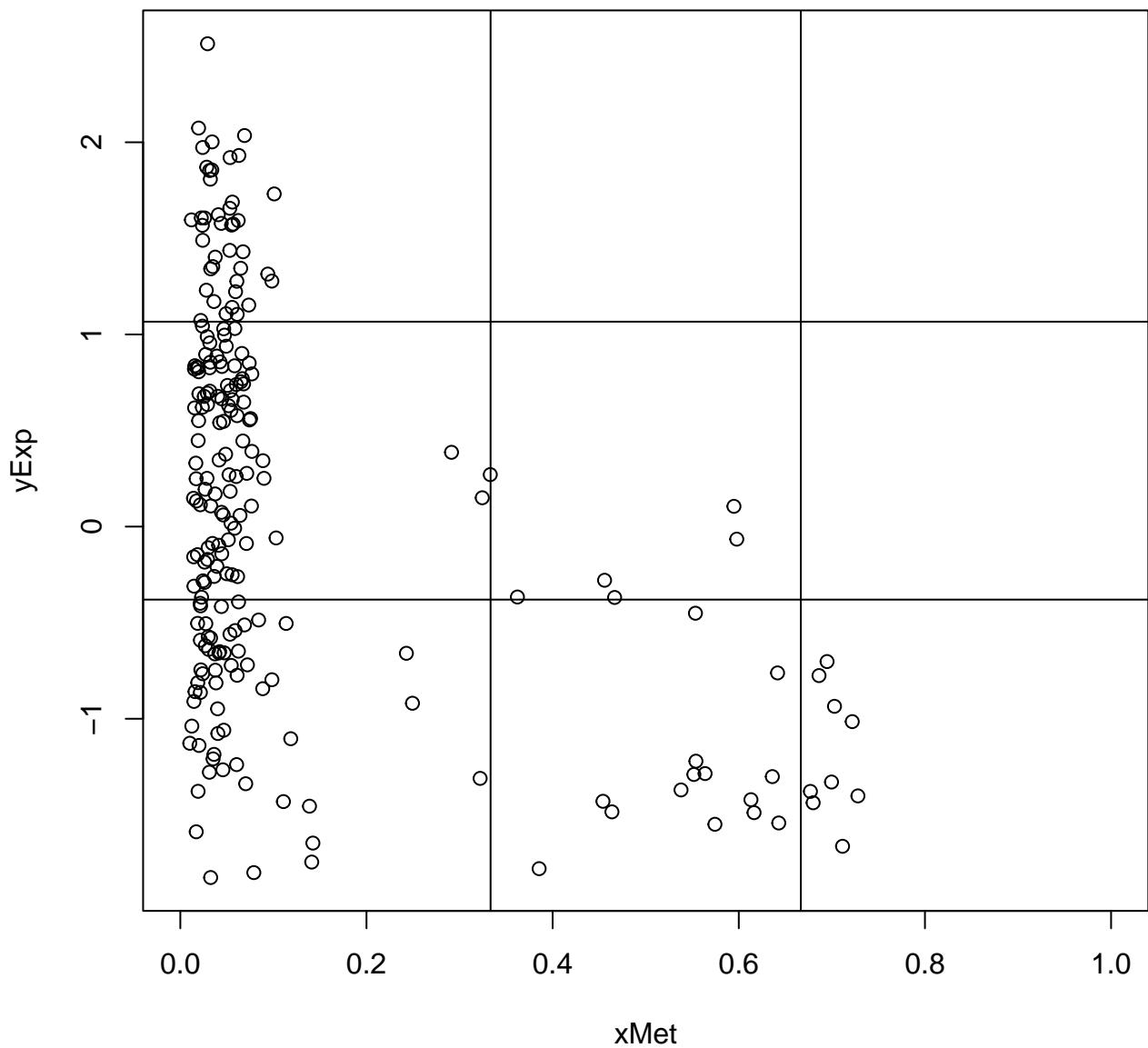
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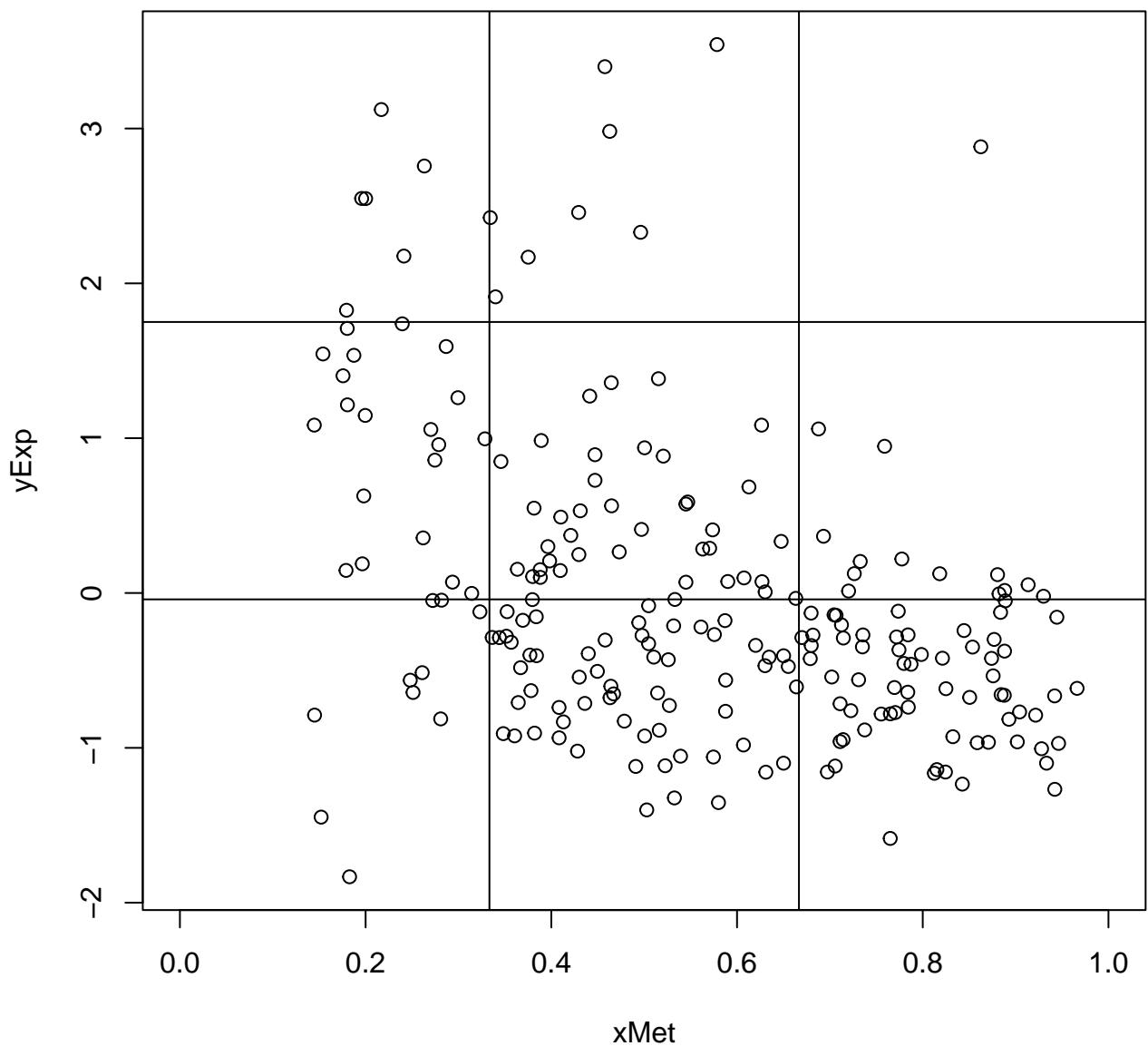
SLC5A8, 239



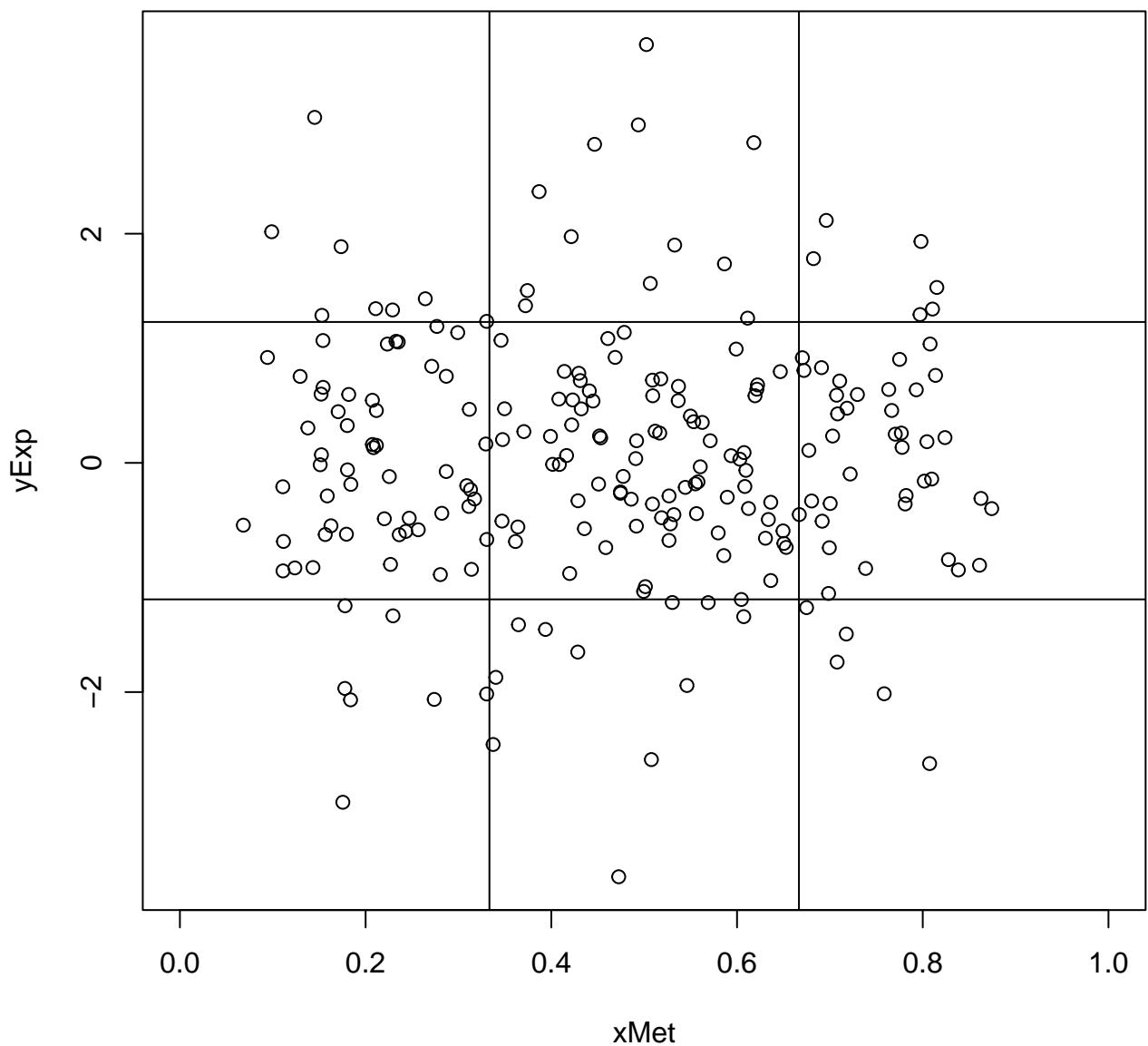
SLC6A4, 268



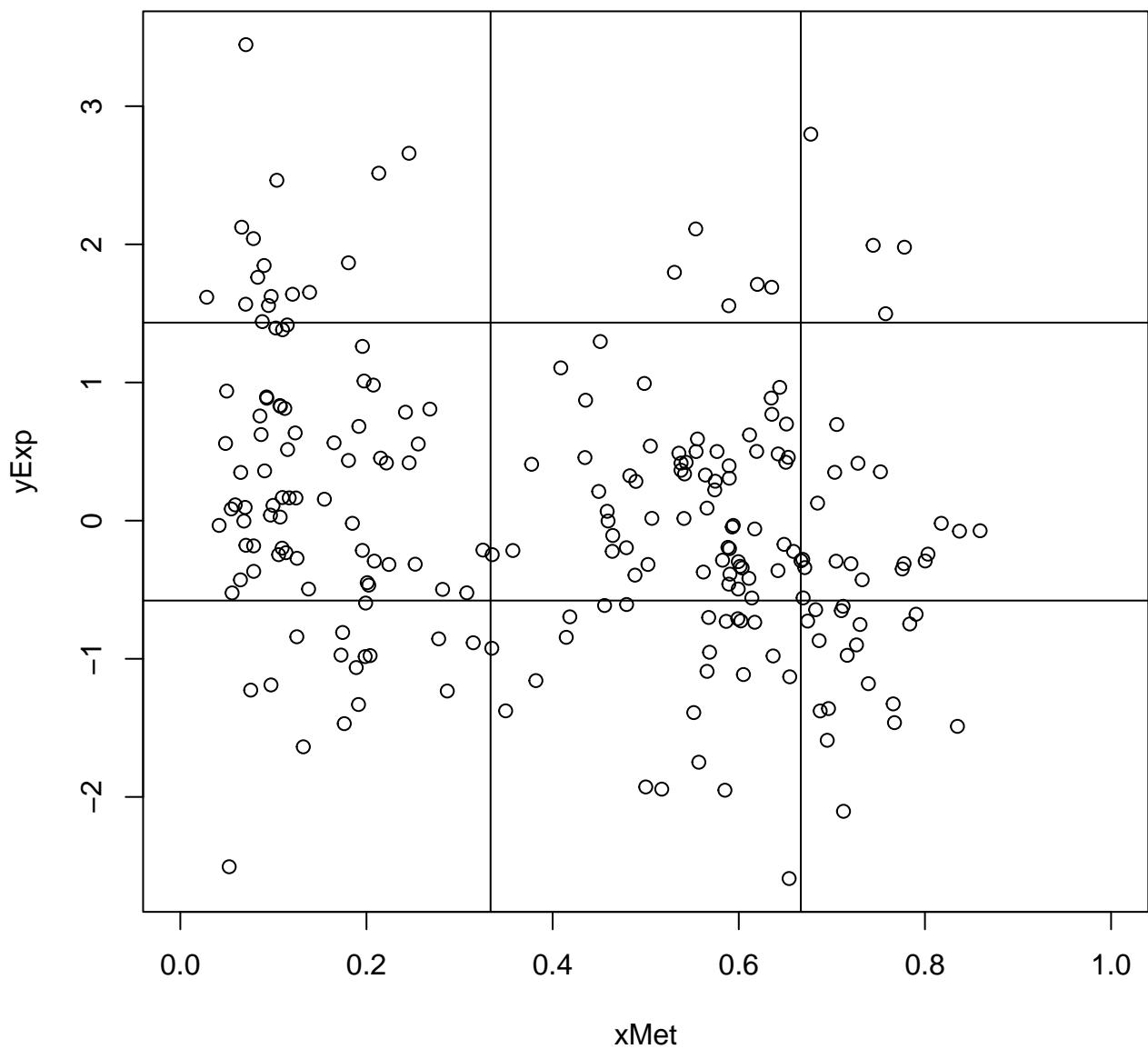
SLC7A9, 147.4



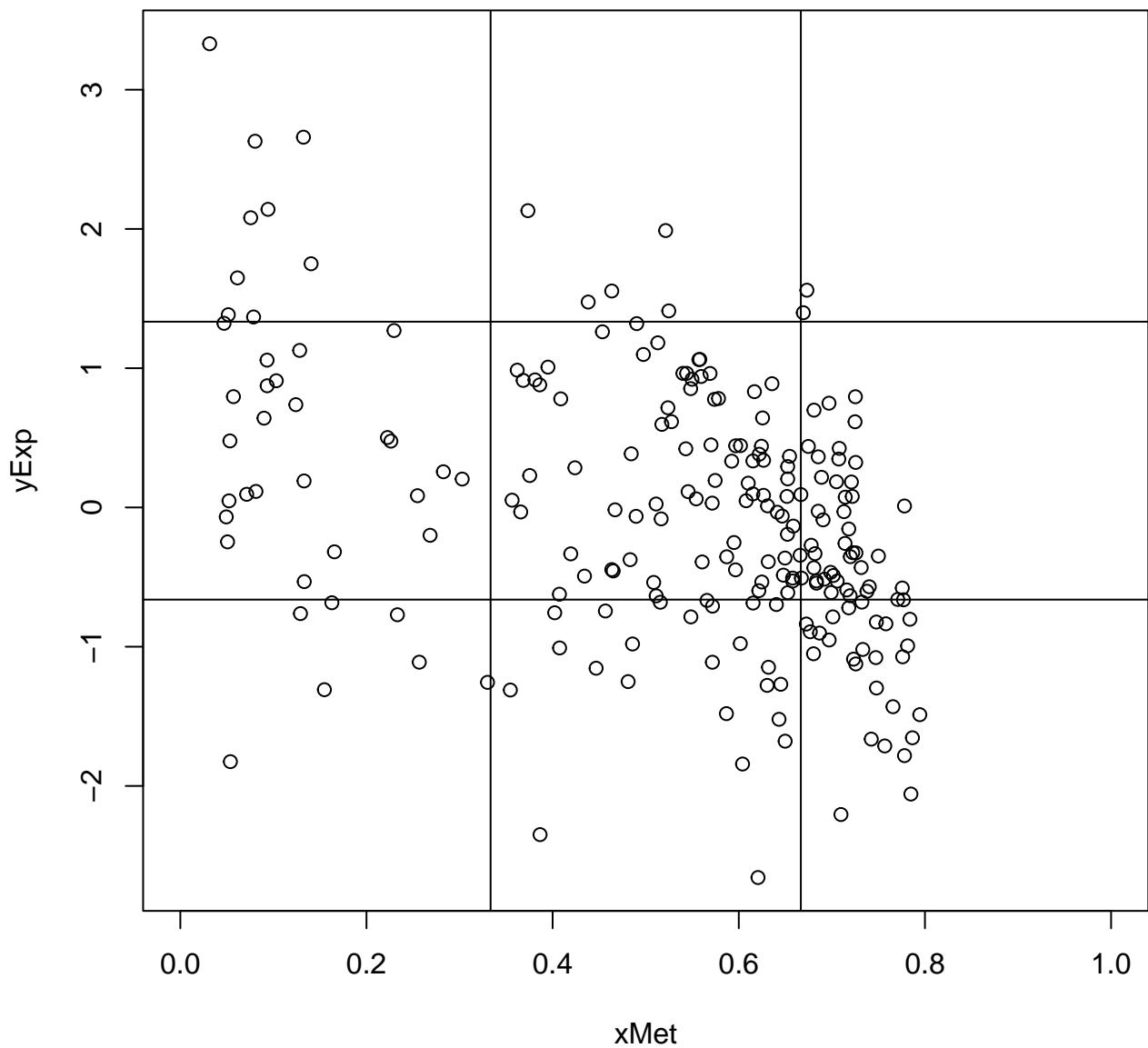
SLC8A2, -269.6



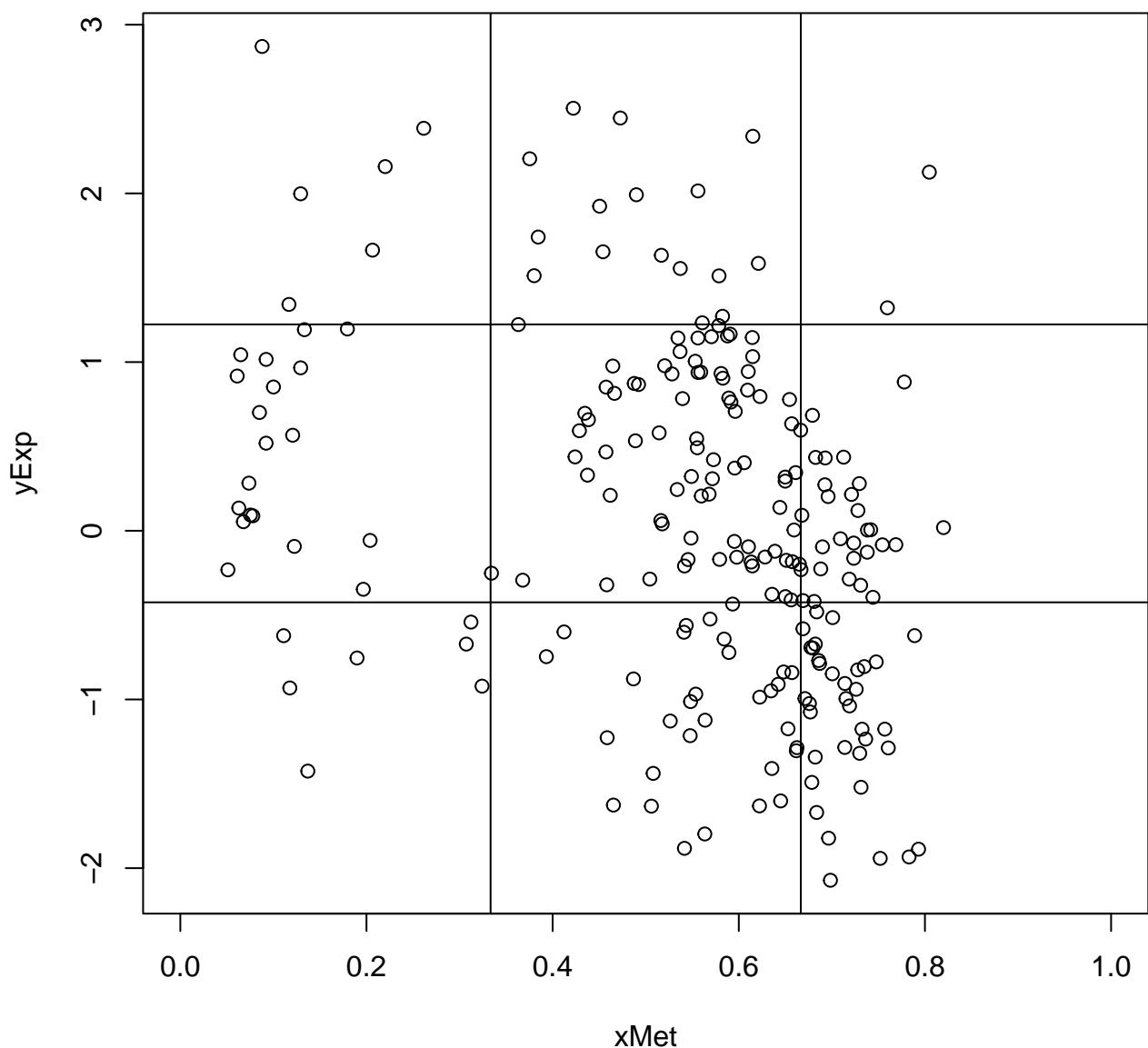
SLC9A3, -59.4



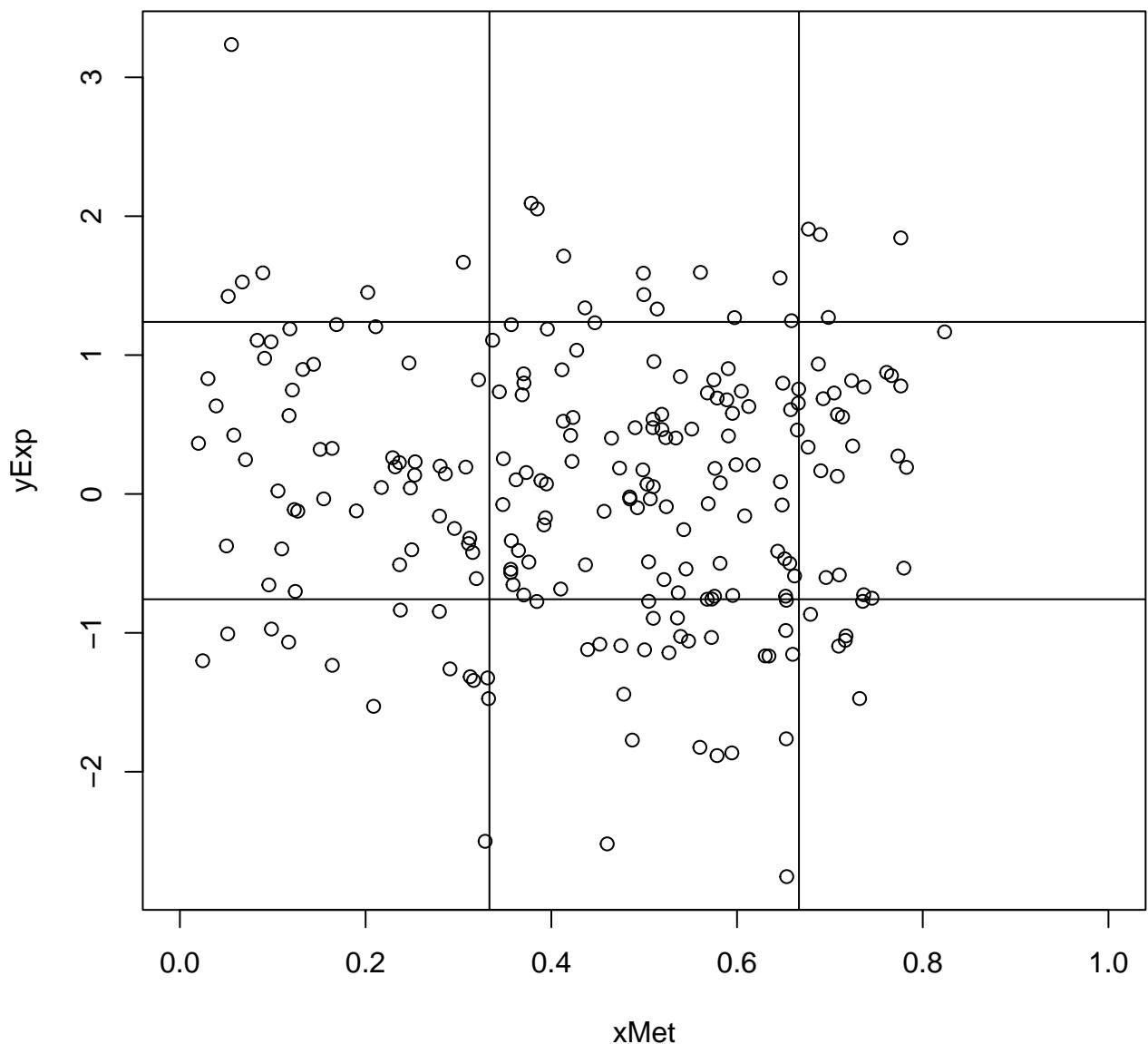
SLFN11, -58.2



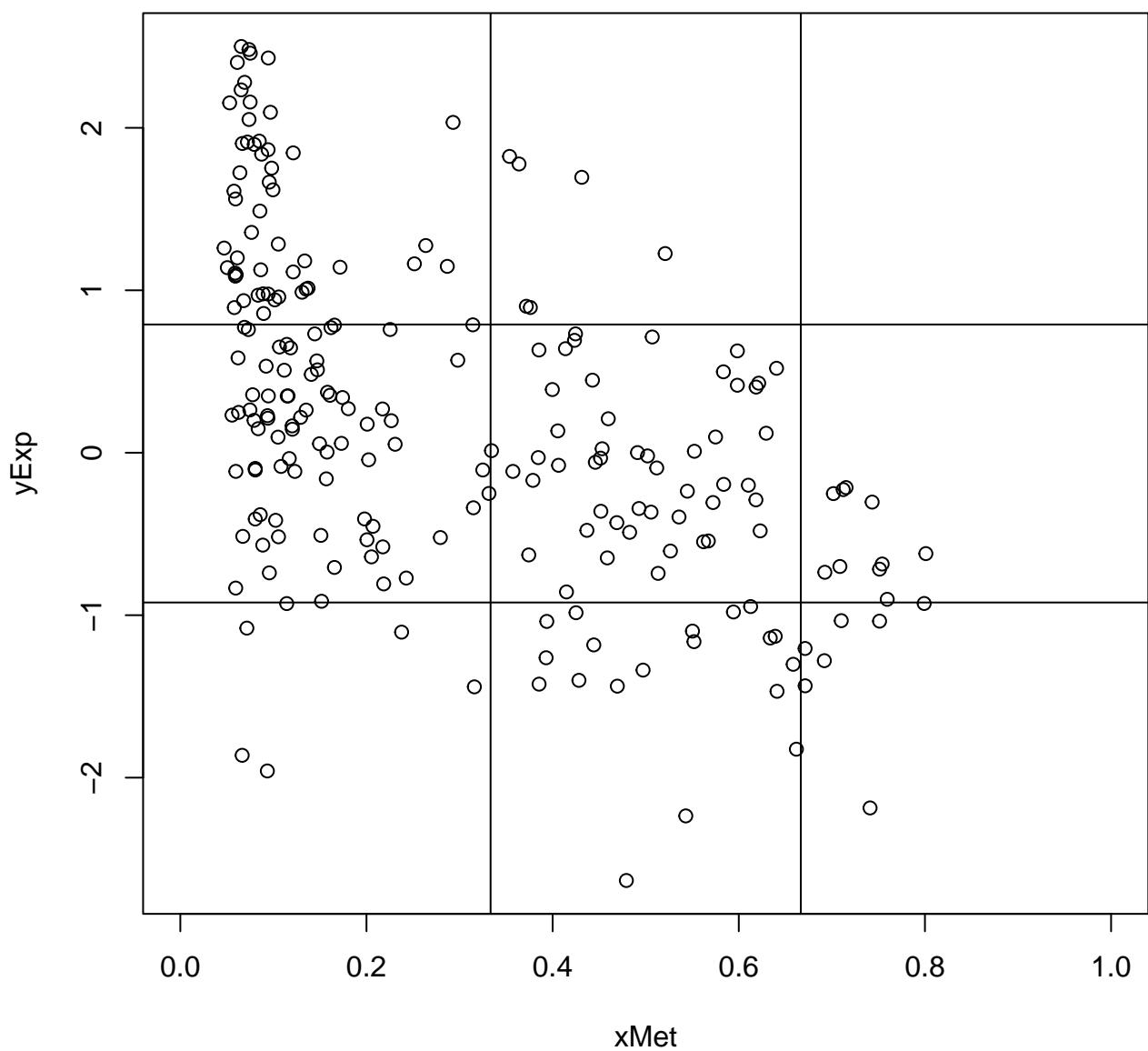
SLIT2, -38.2



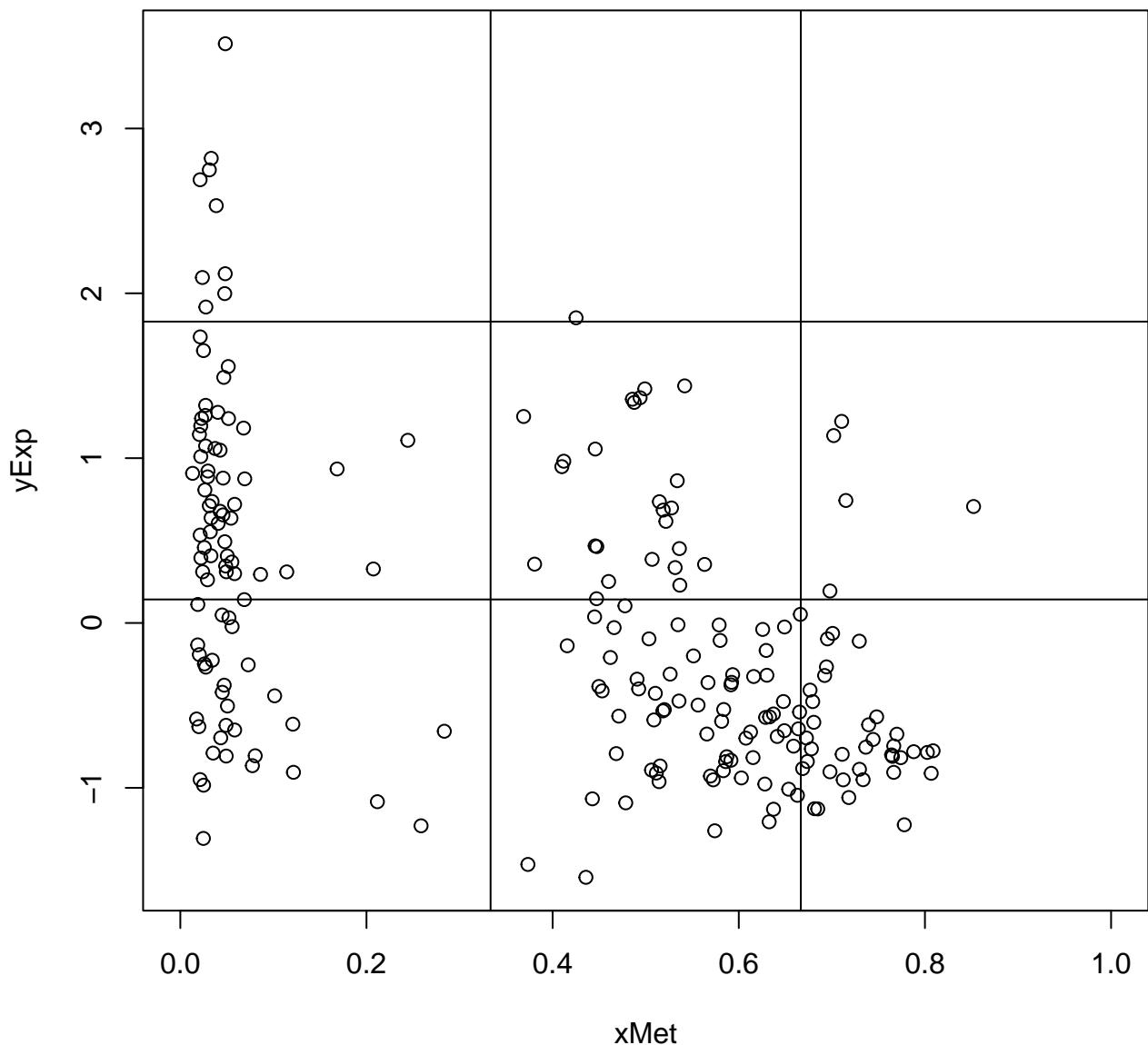
SLITRK5, -135.4



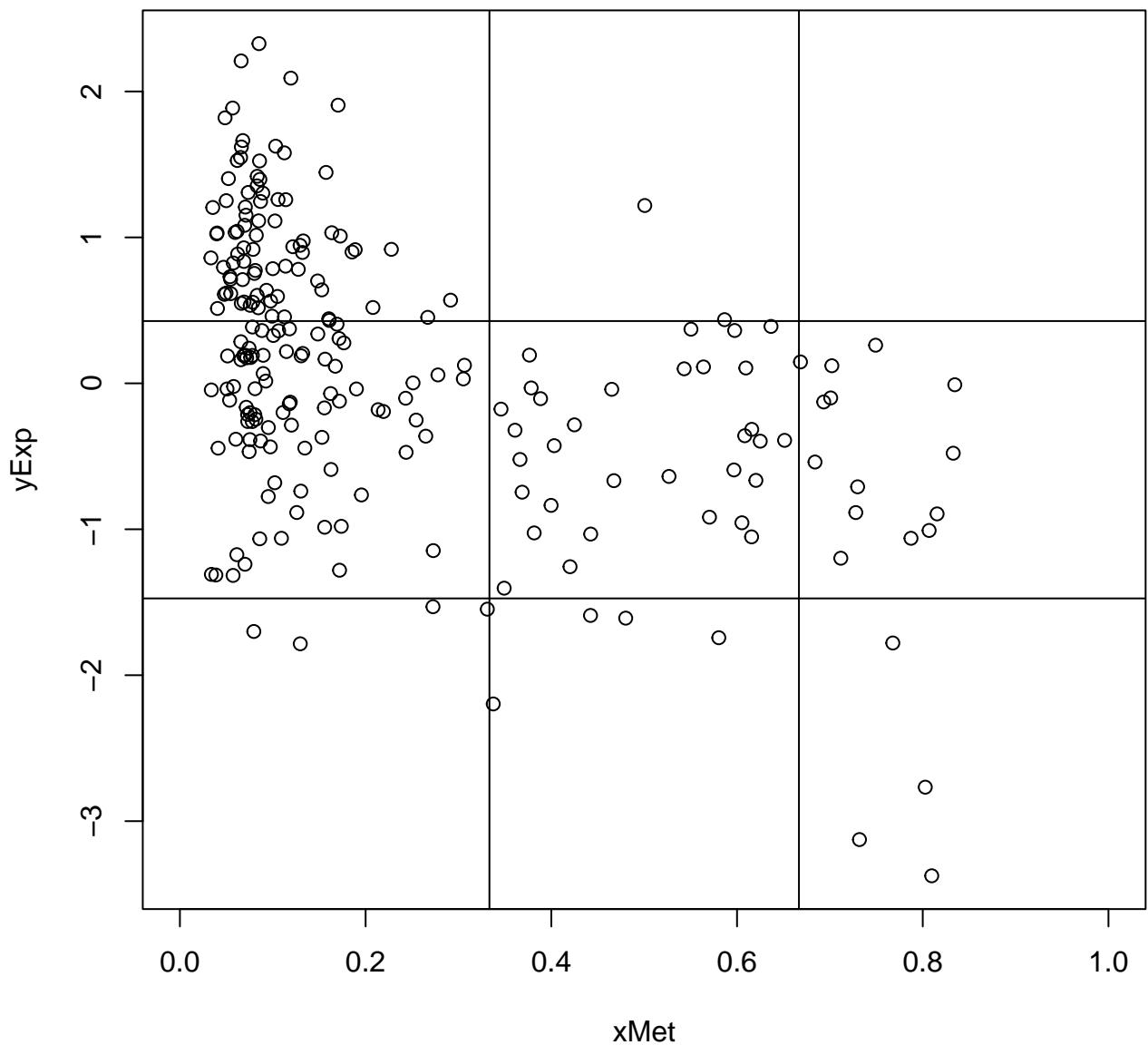
SMO, 185



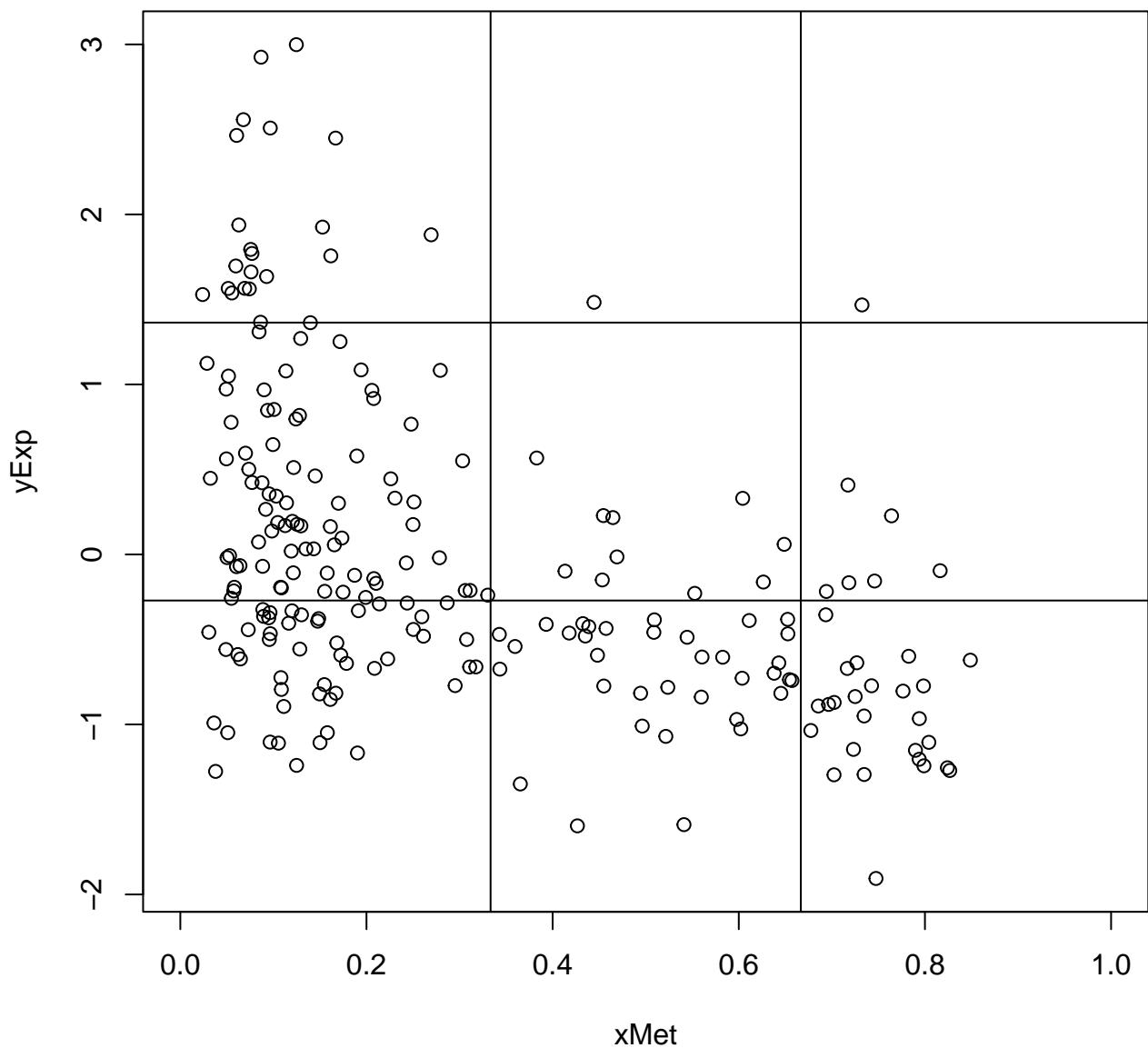
SMOC1, 225



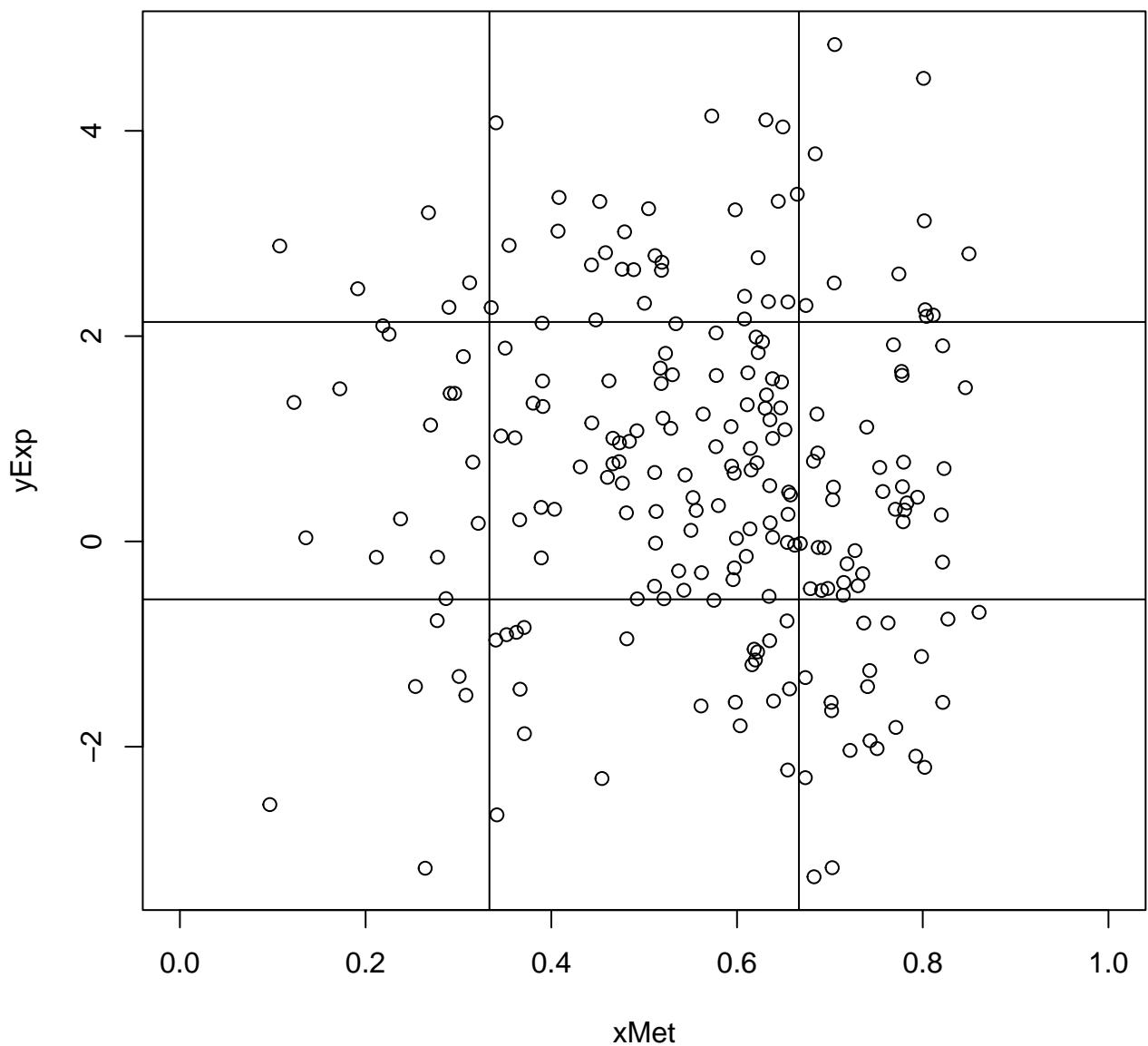
SMOC2, 228



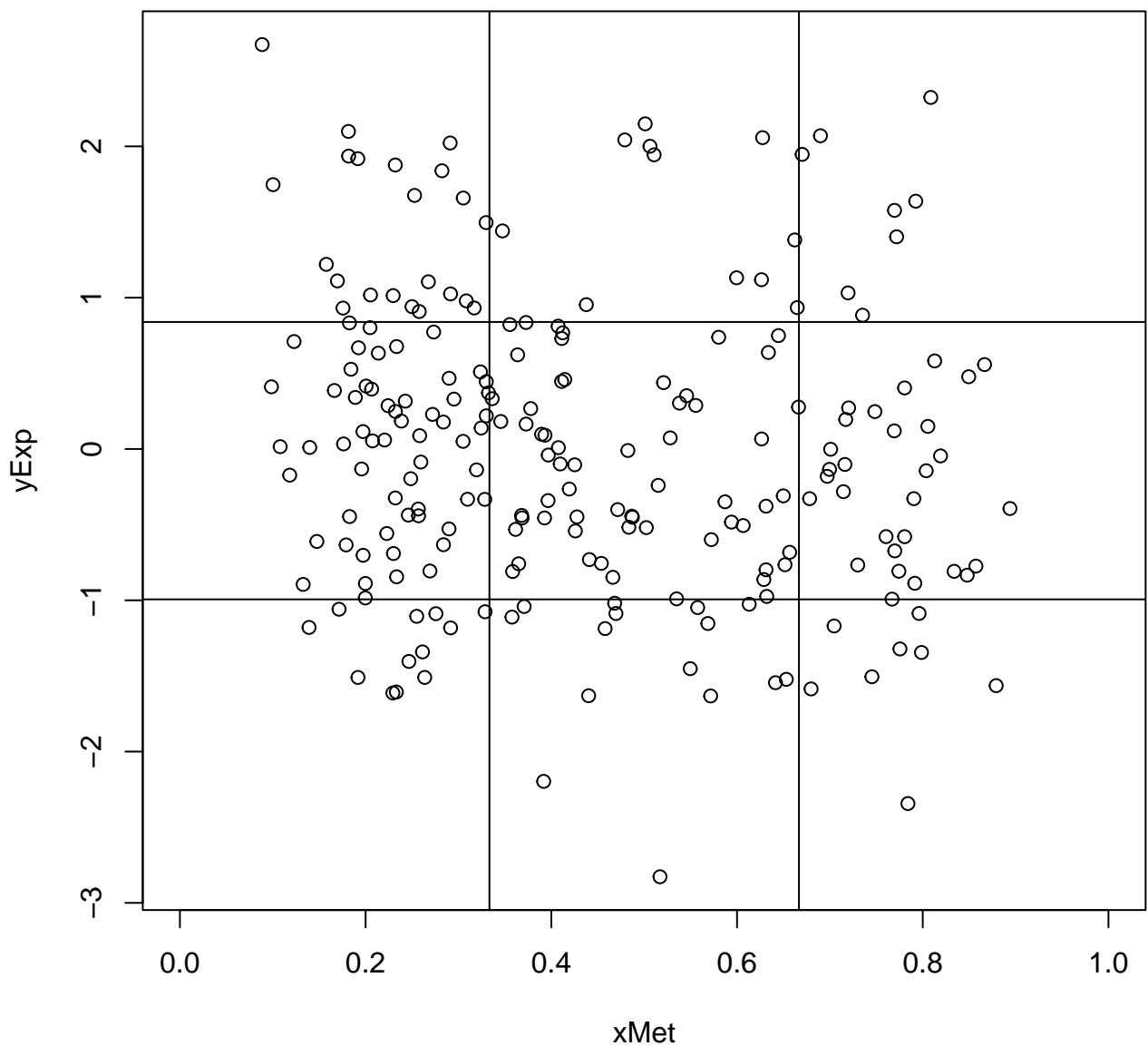
SNCAIP, 192.4



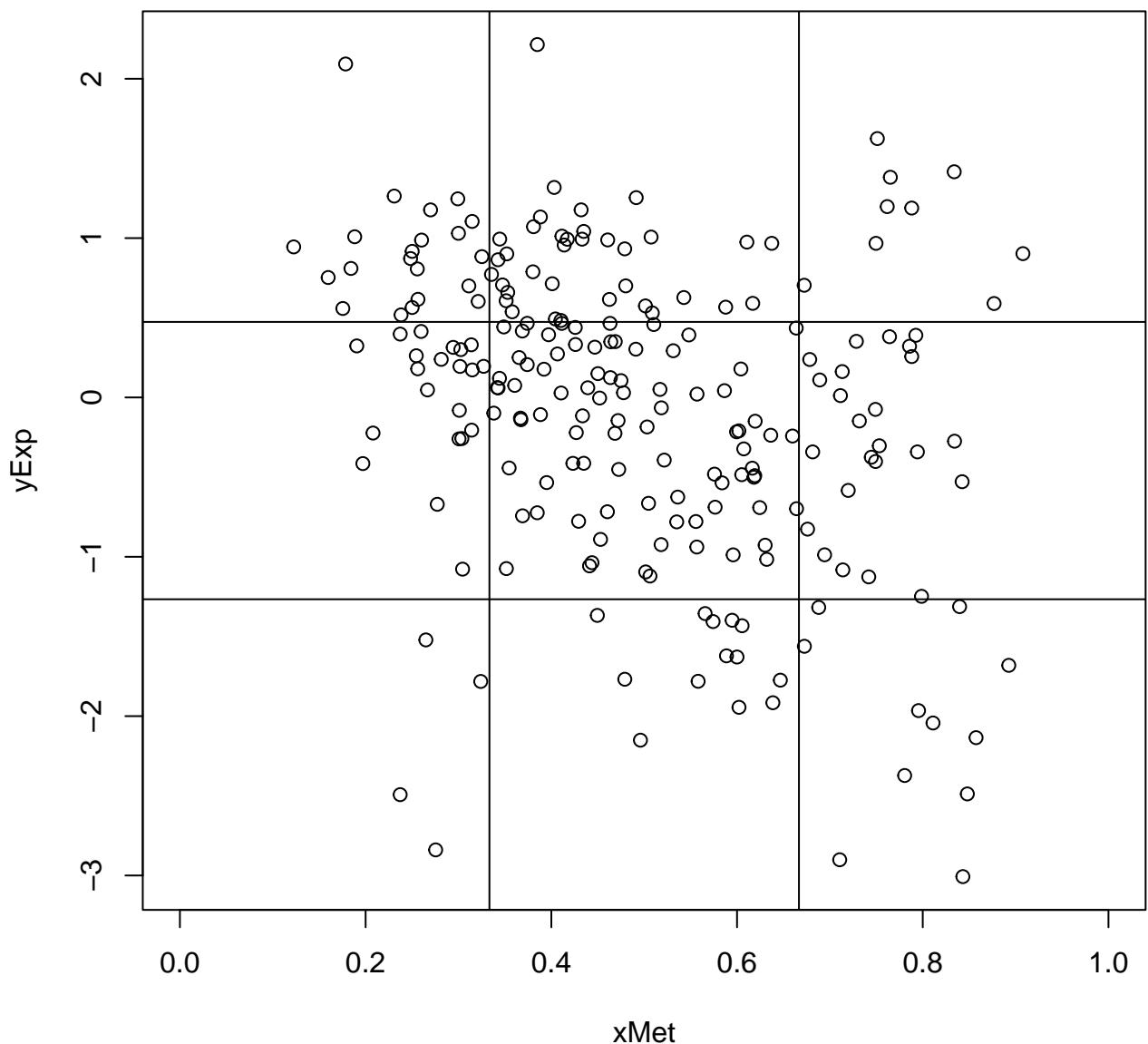
SNRPB2, -523.6



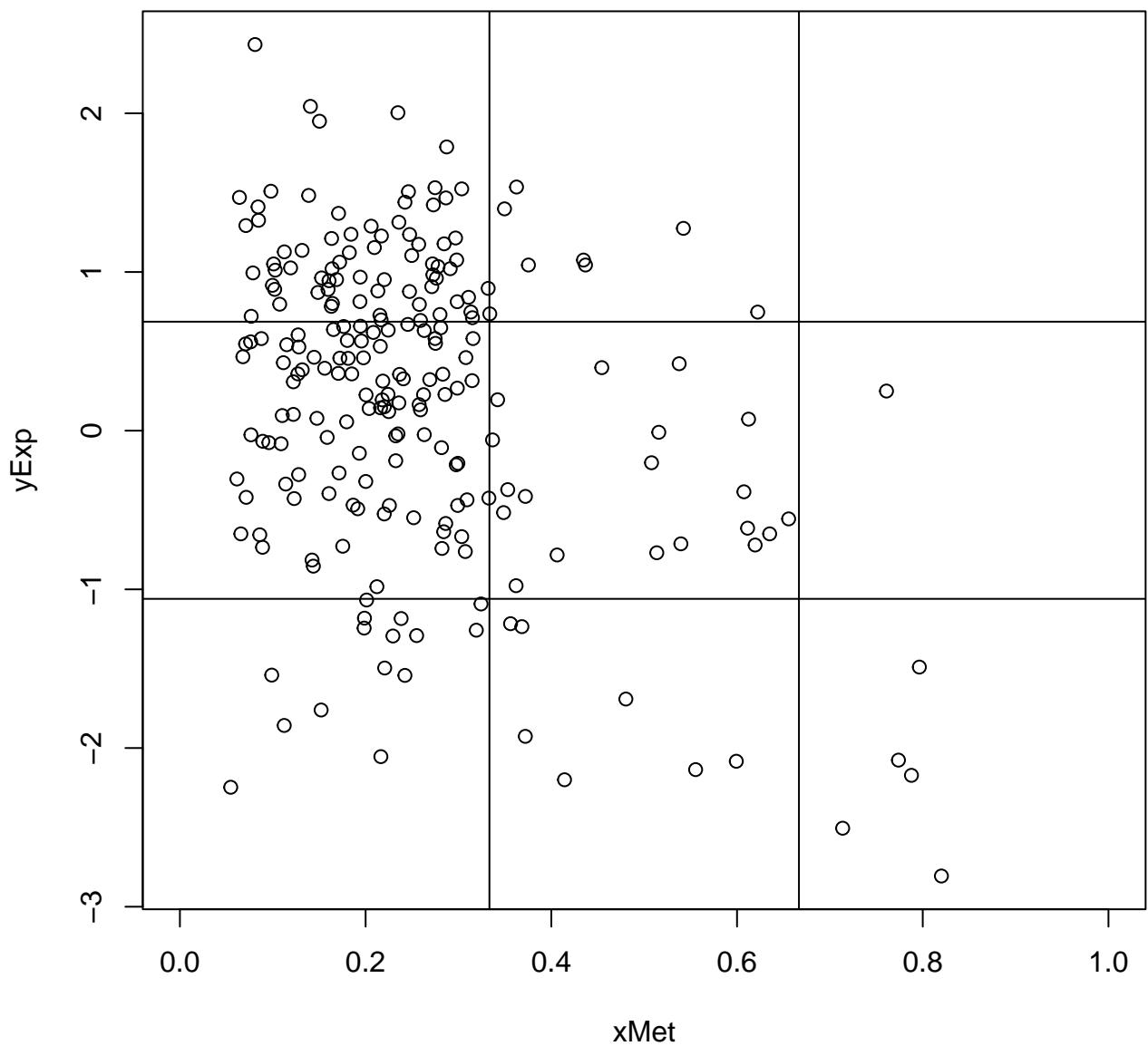
SOCS1, -291.8



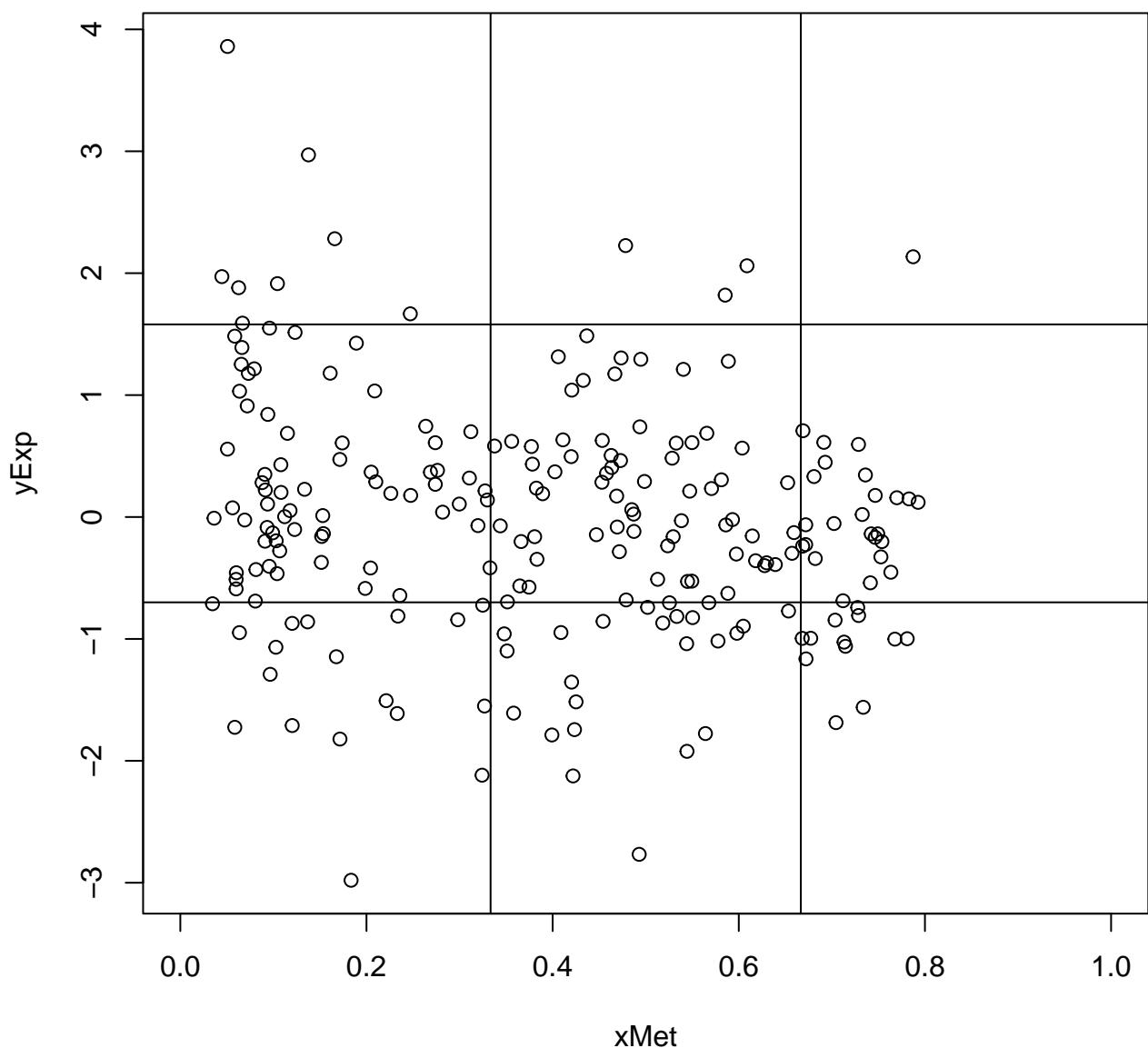
SORBS2, -417.4



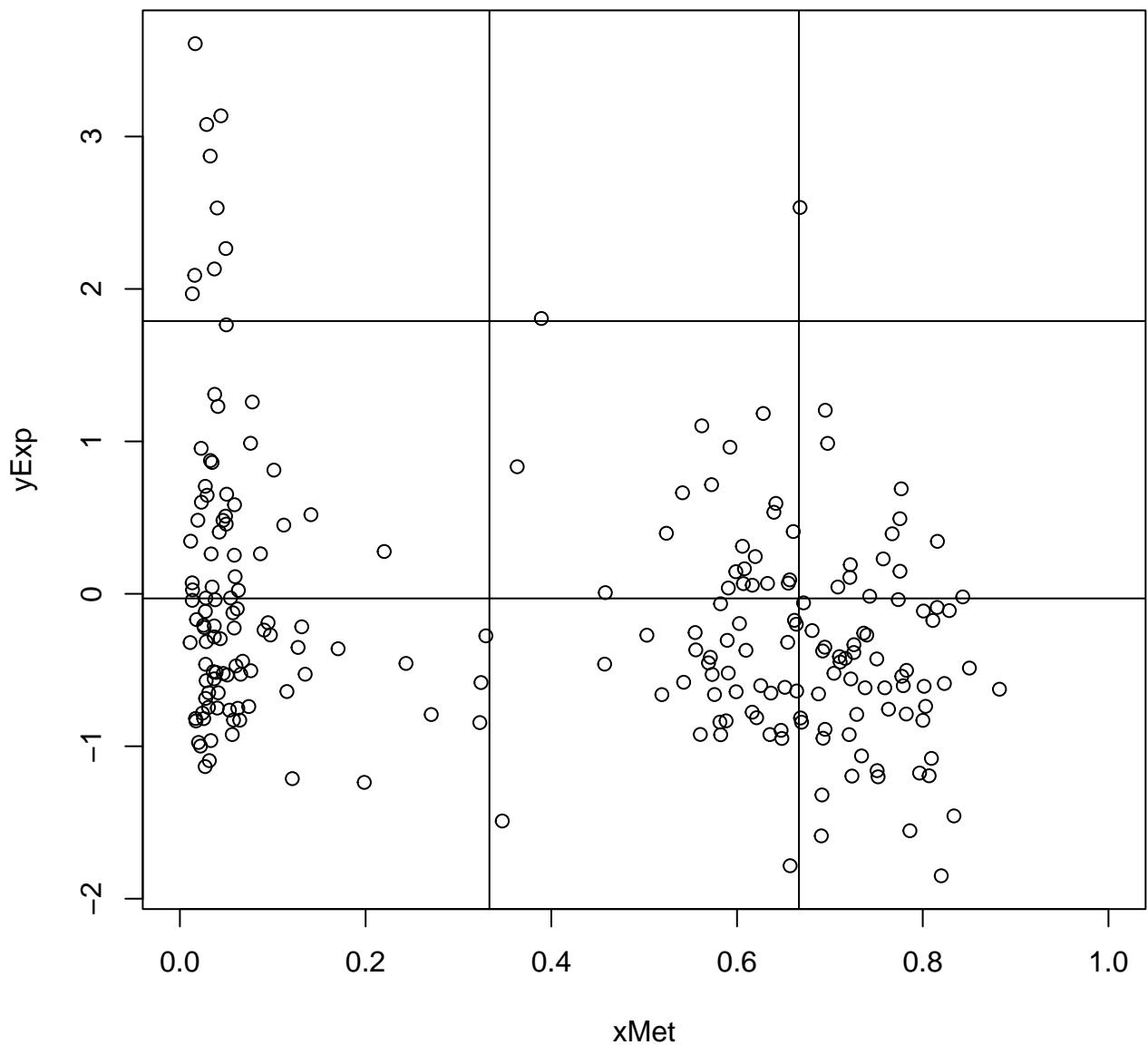
SOSTDC1, 253



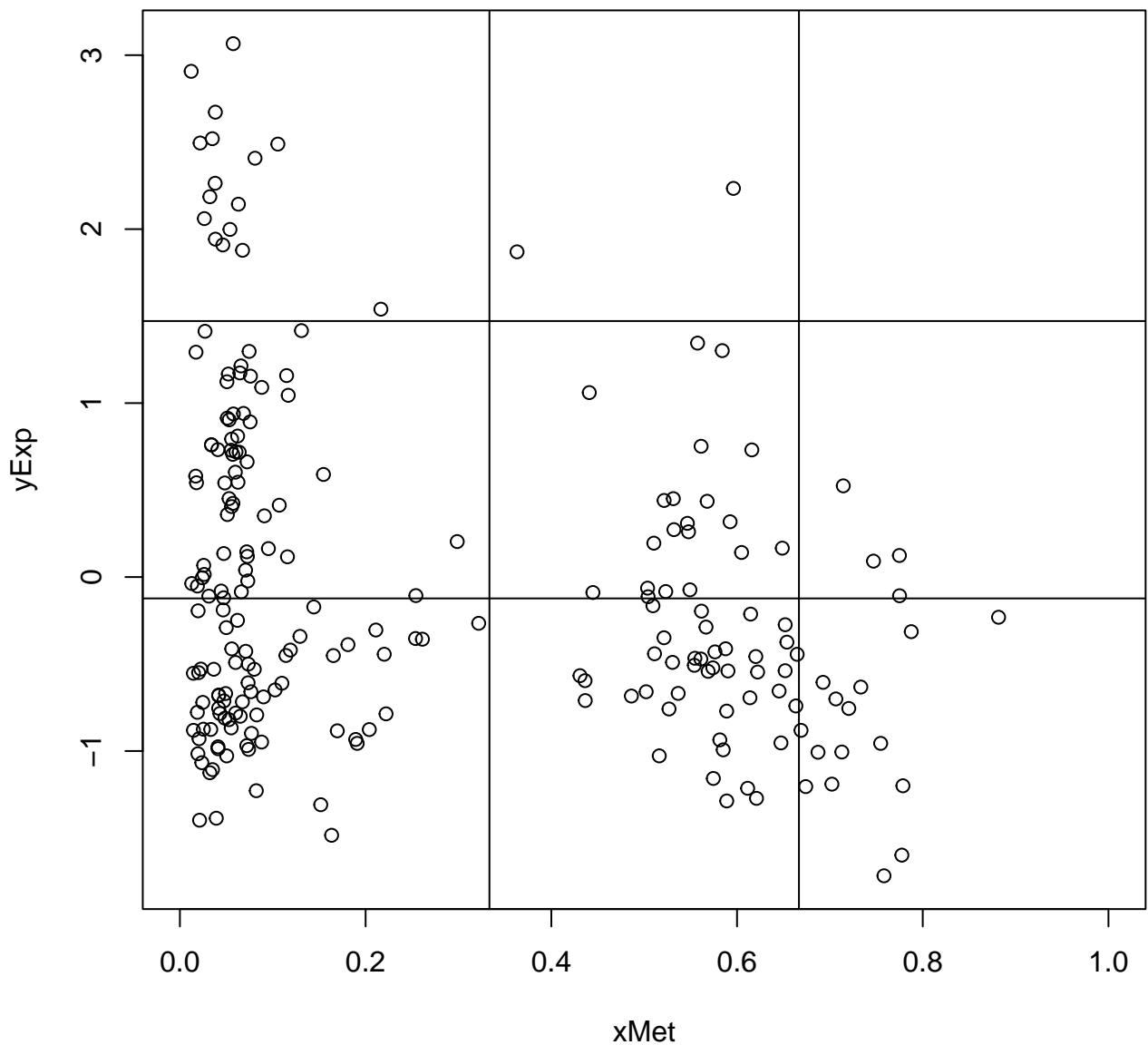
SOX14, 49.4



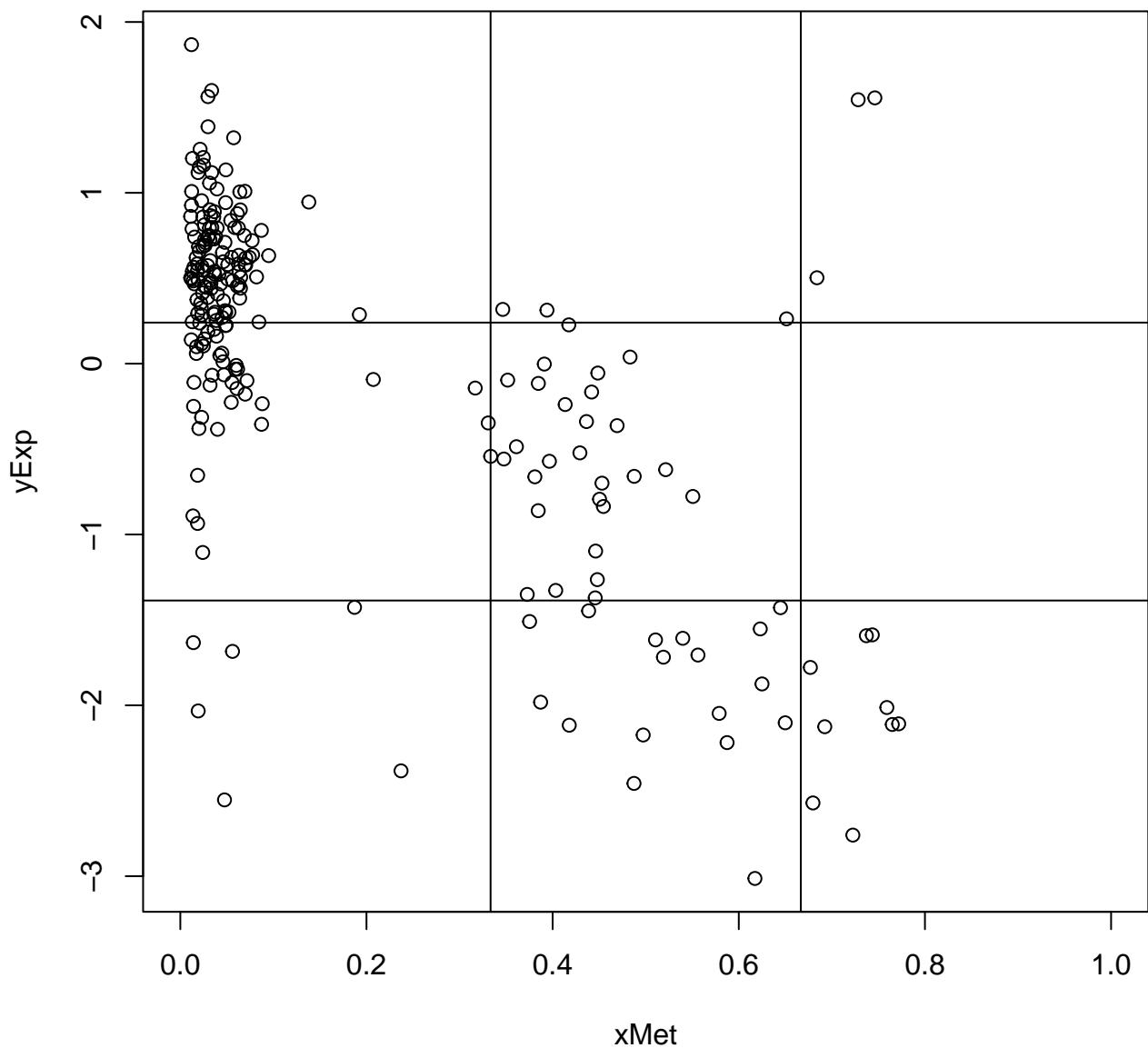
SOX7, 174.4



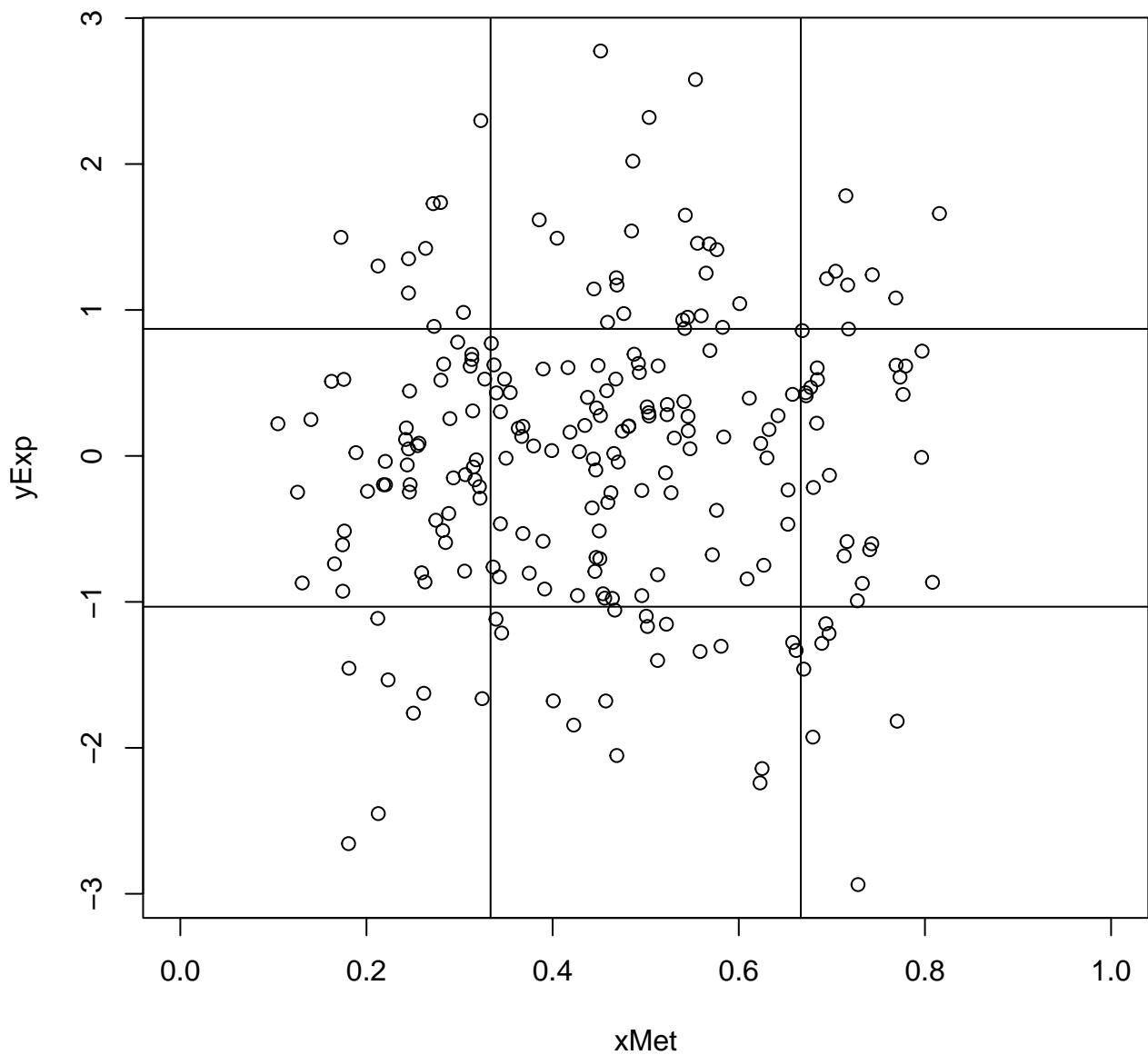
SOX8, 216



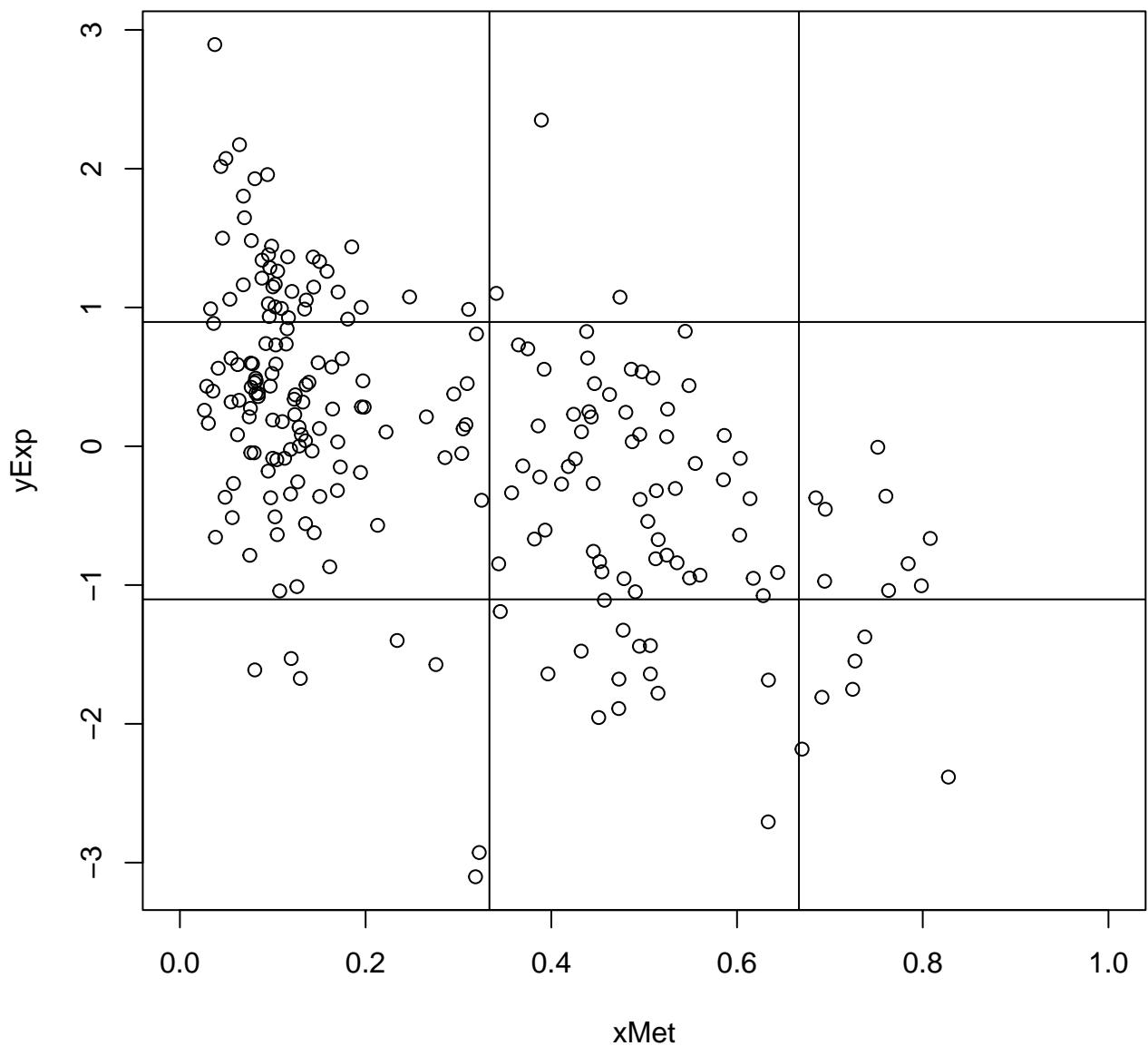
SPAG16, 175.2



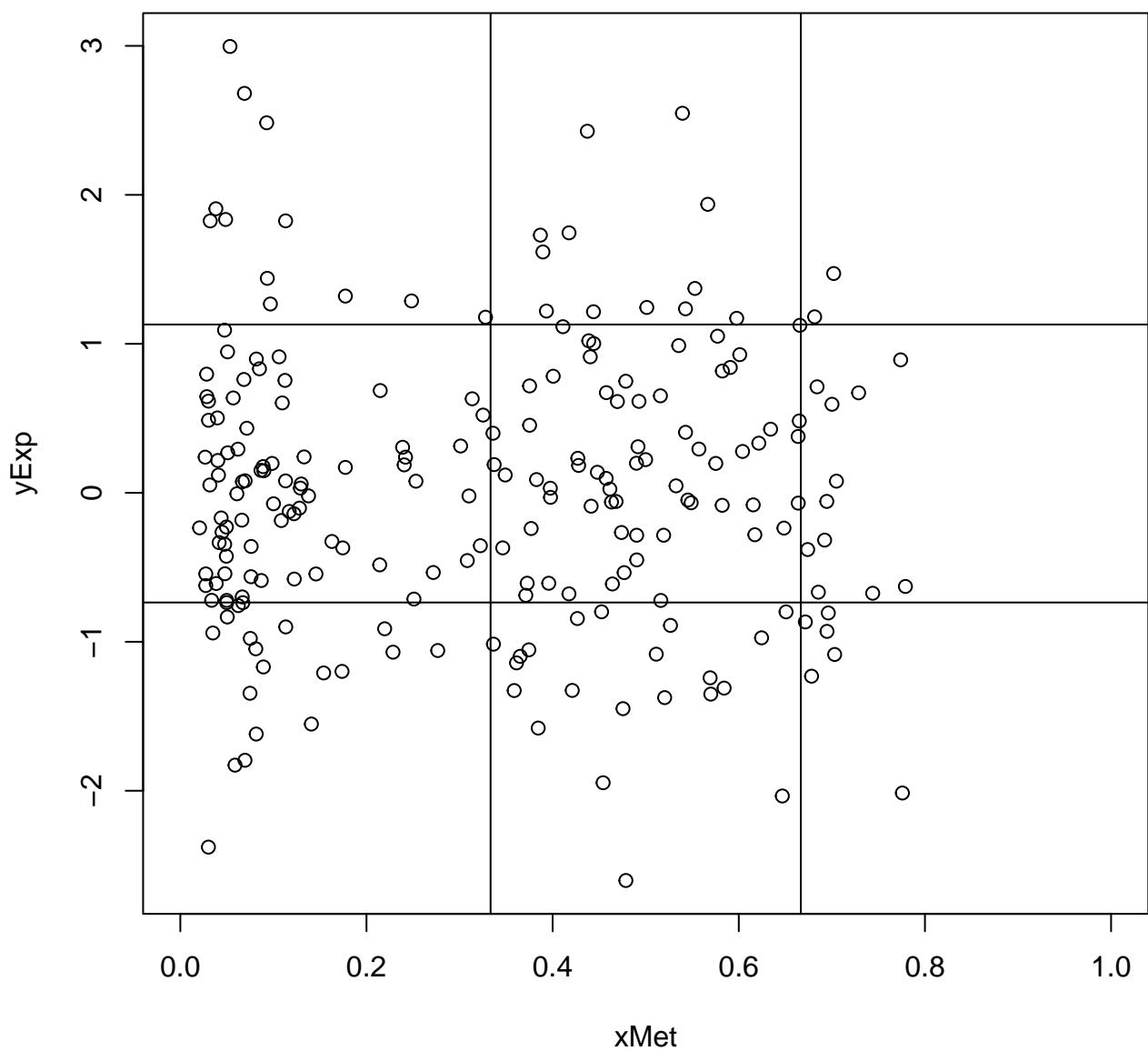
SPARCL1, -298.2



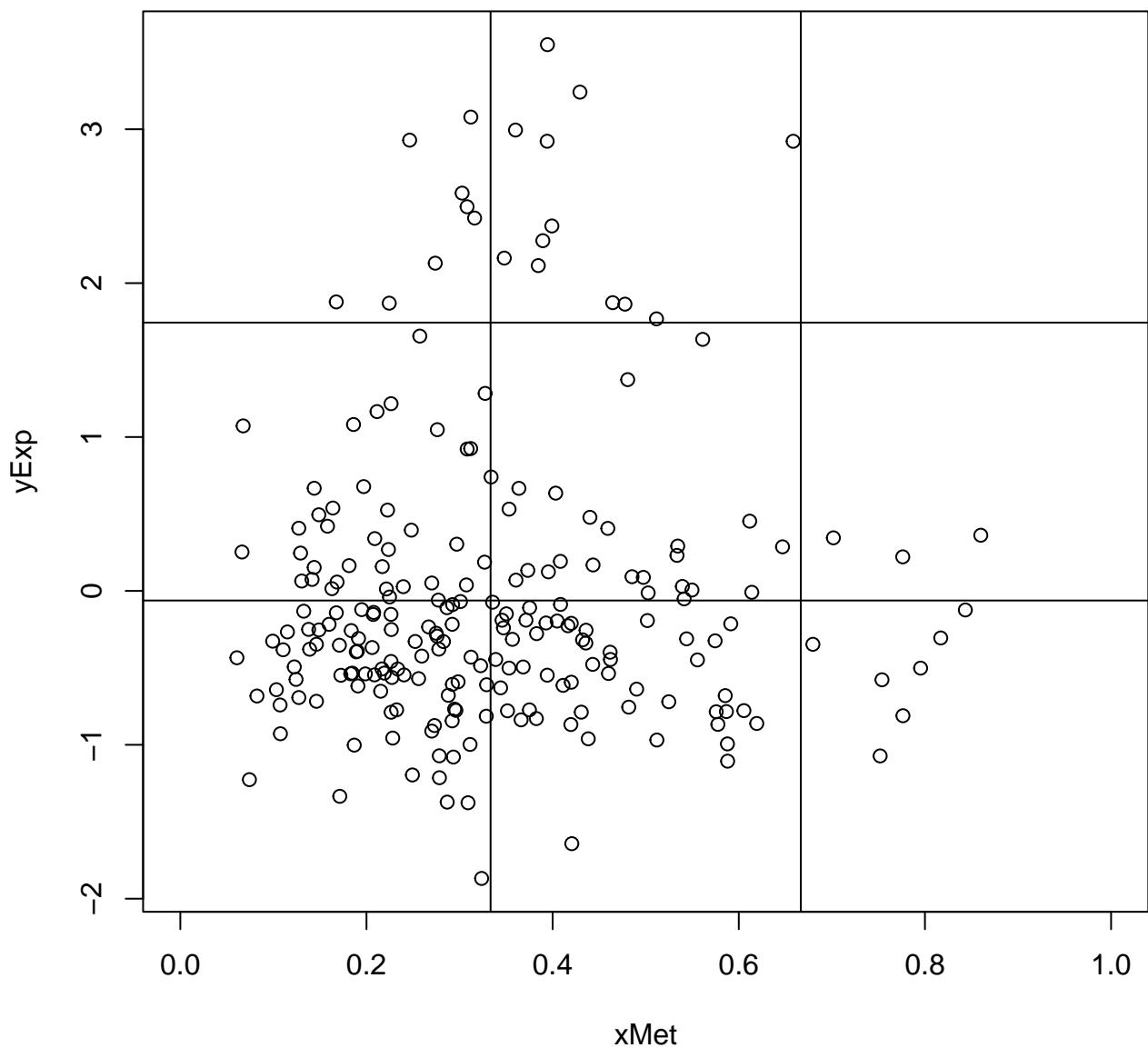
SPATC1L, 177



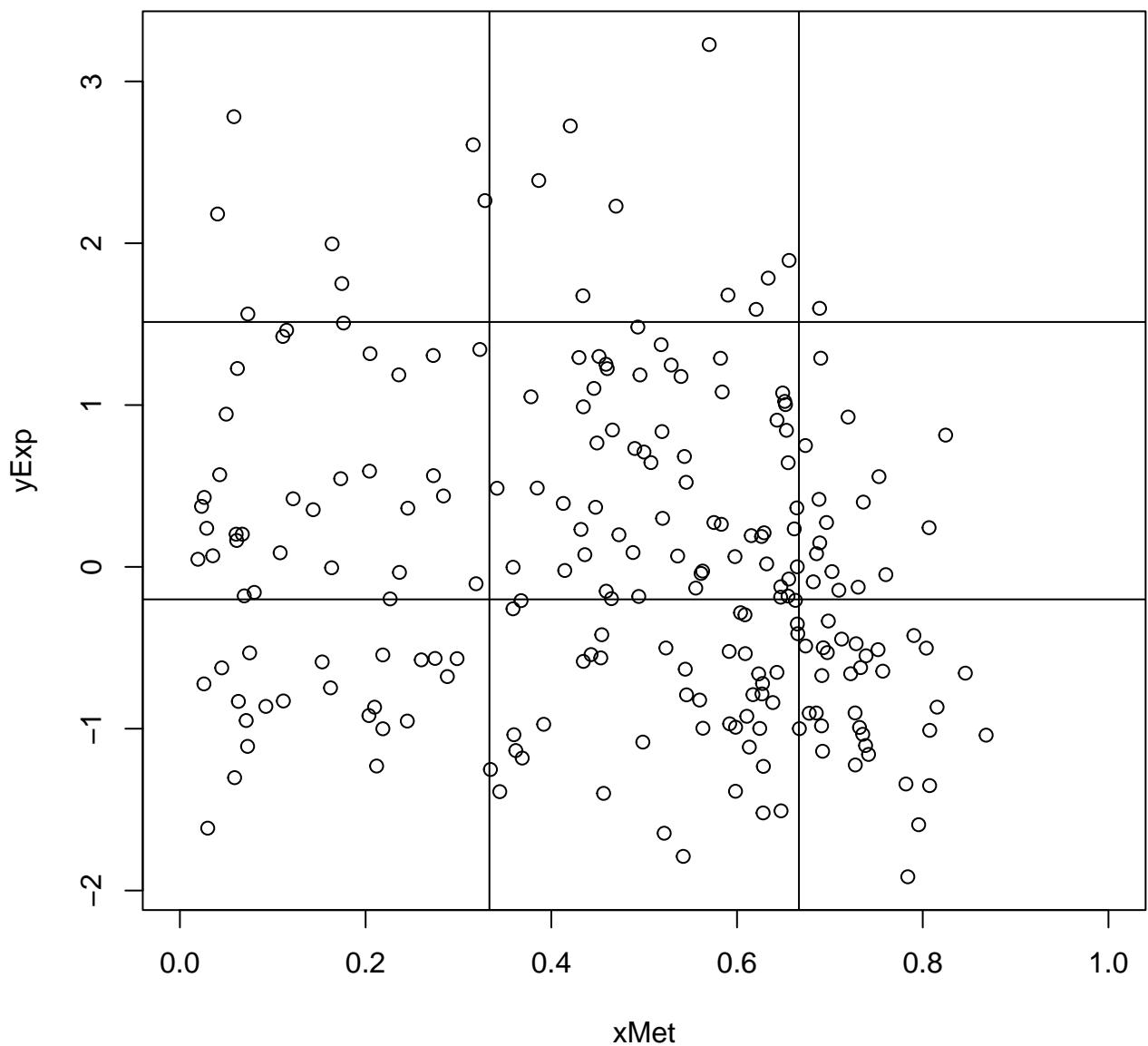
SPOCK2, 16.8



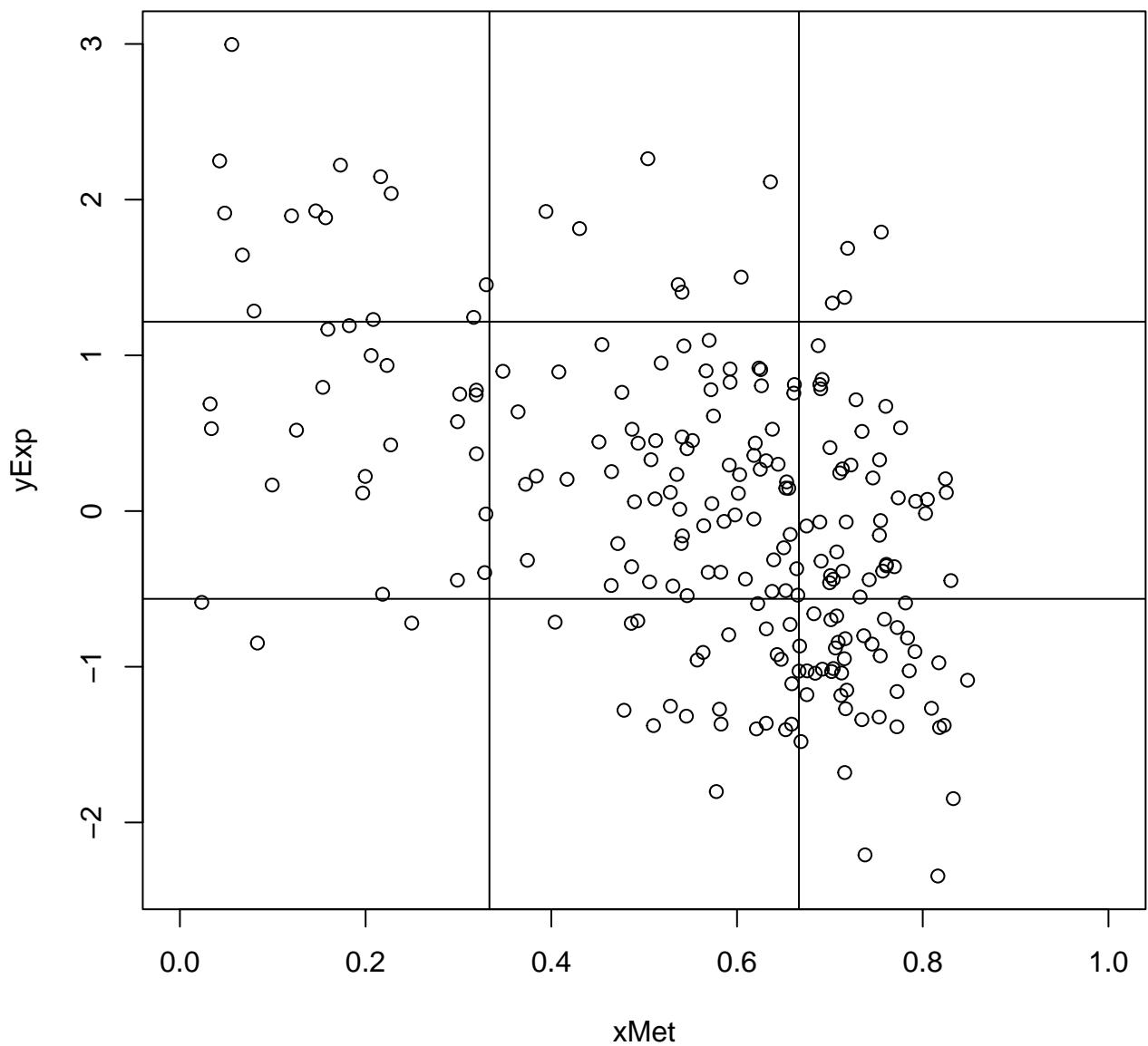
SPRR2D, 169



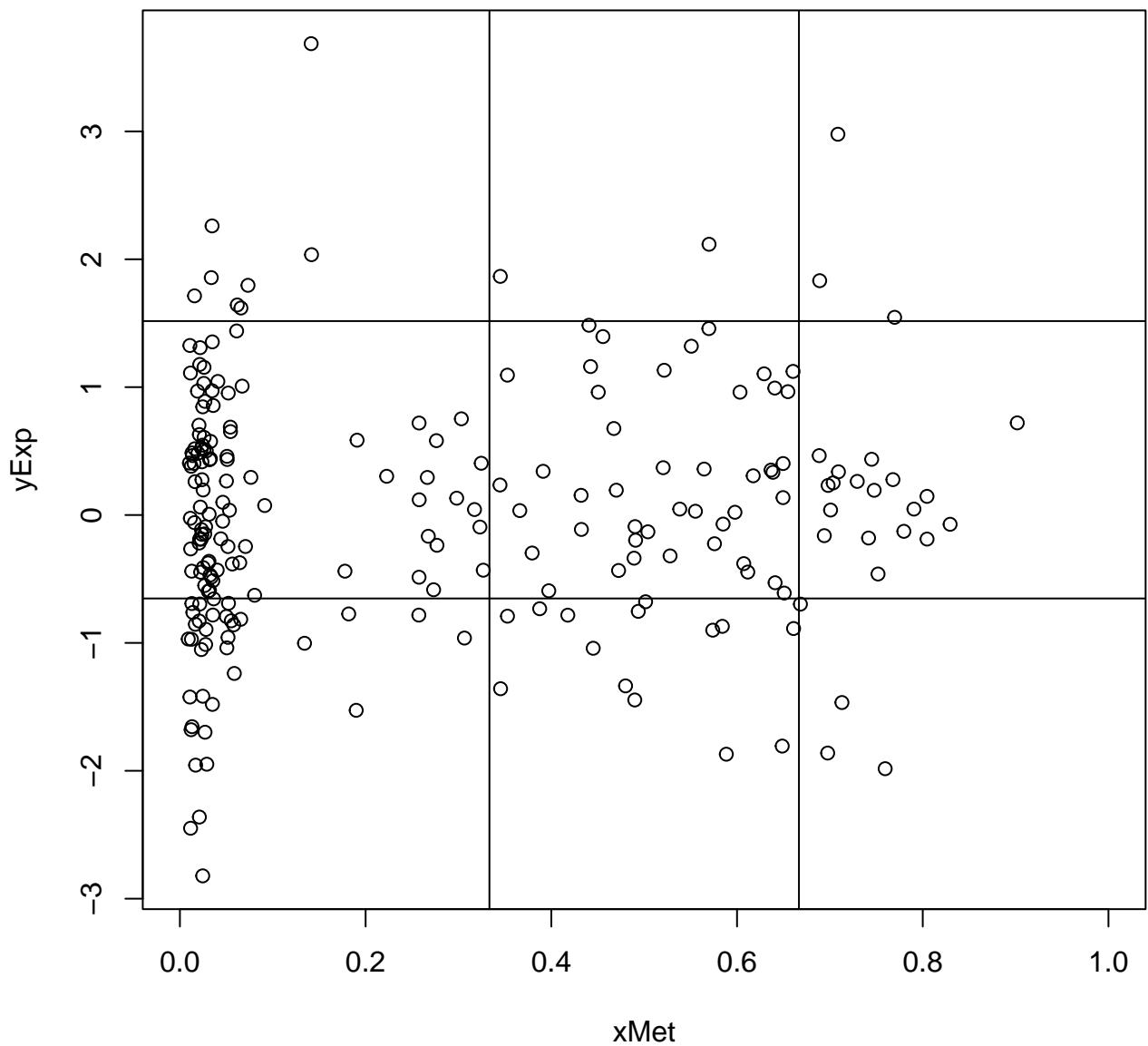
SSTR2, 82.4



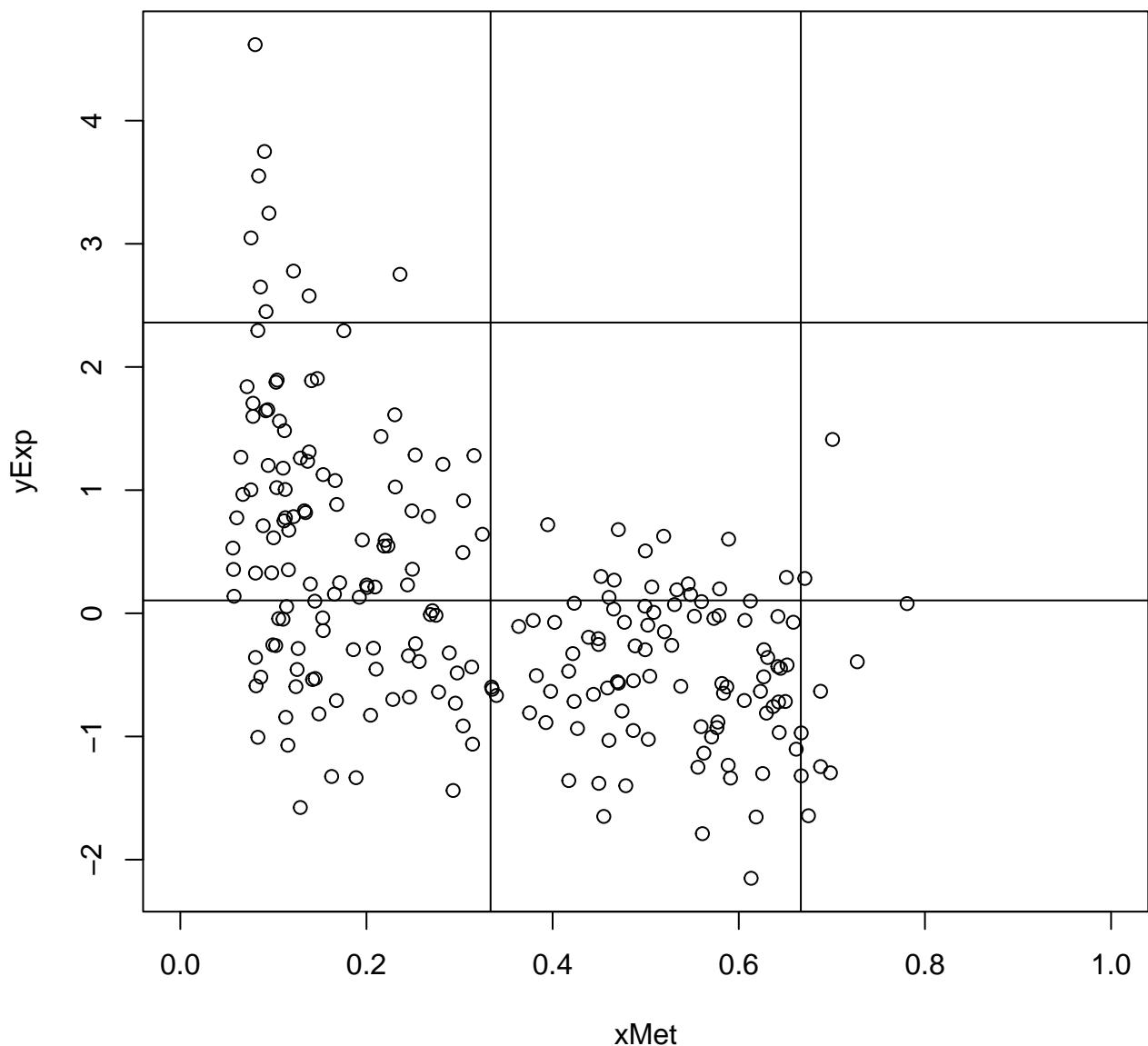
ST3GAL4, -109.4



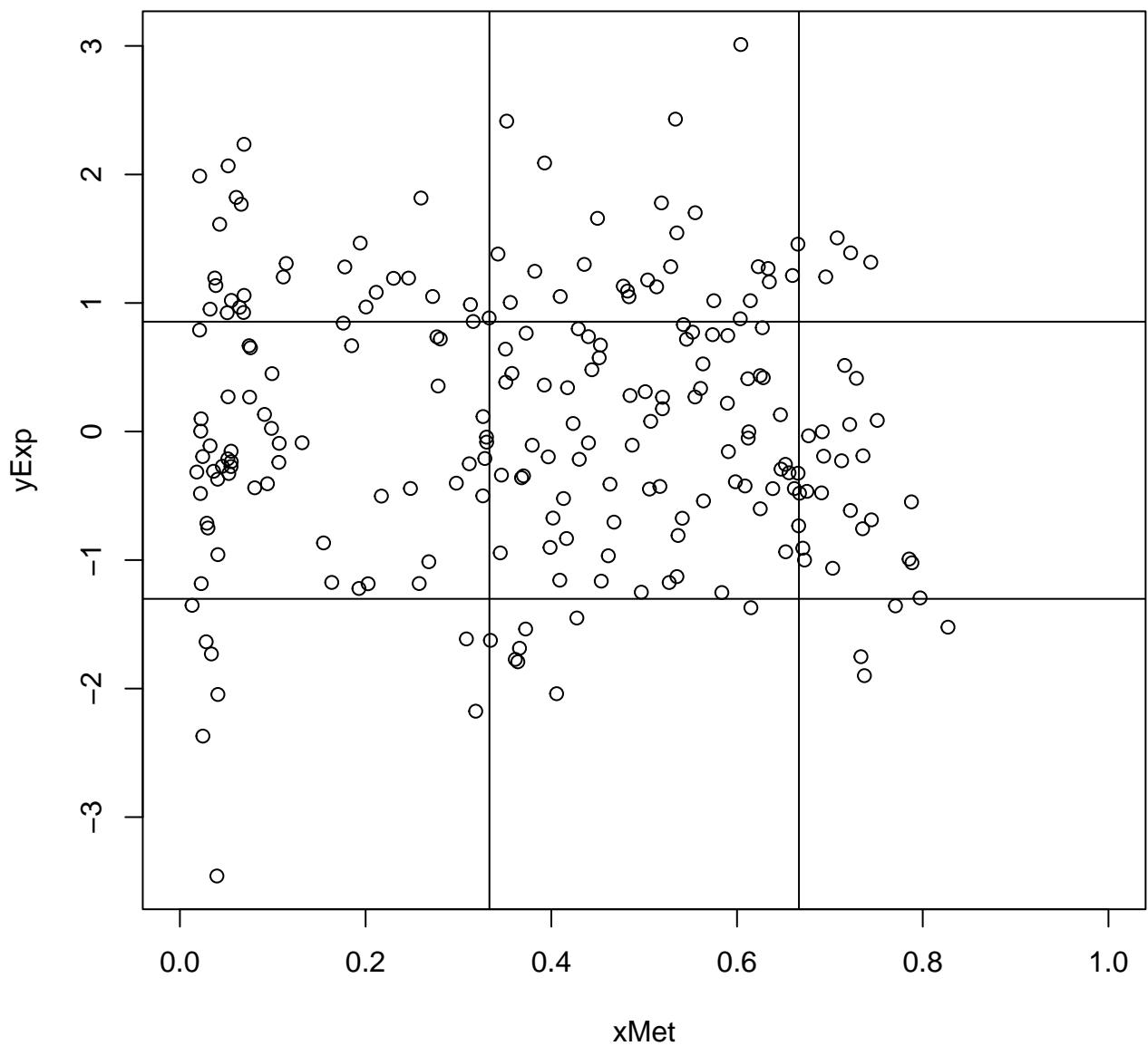
ST3GAL6, -5.800000000000001



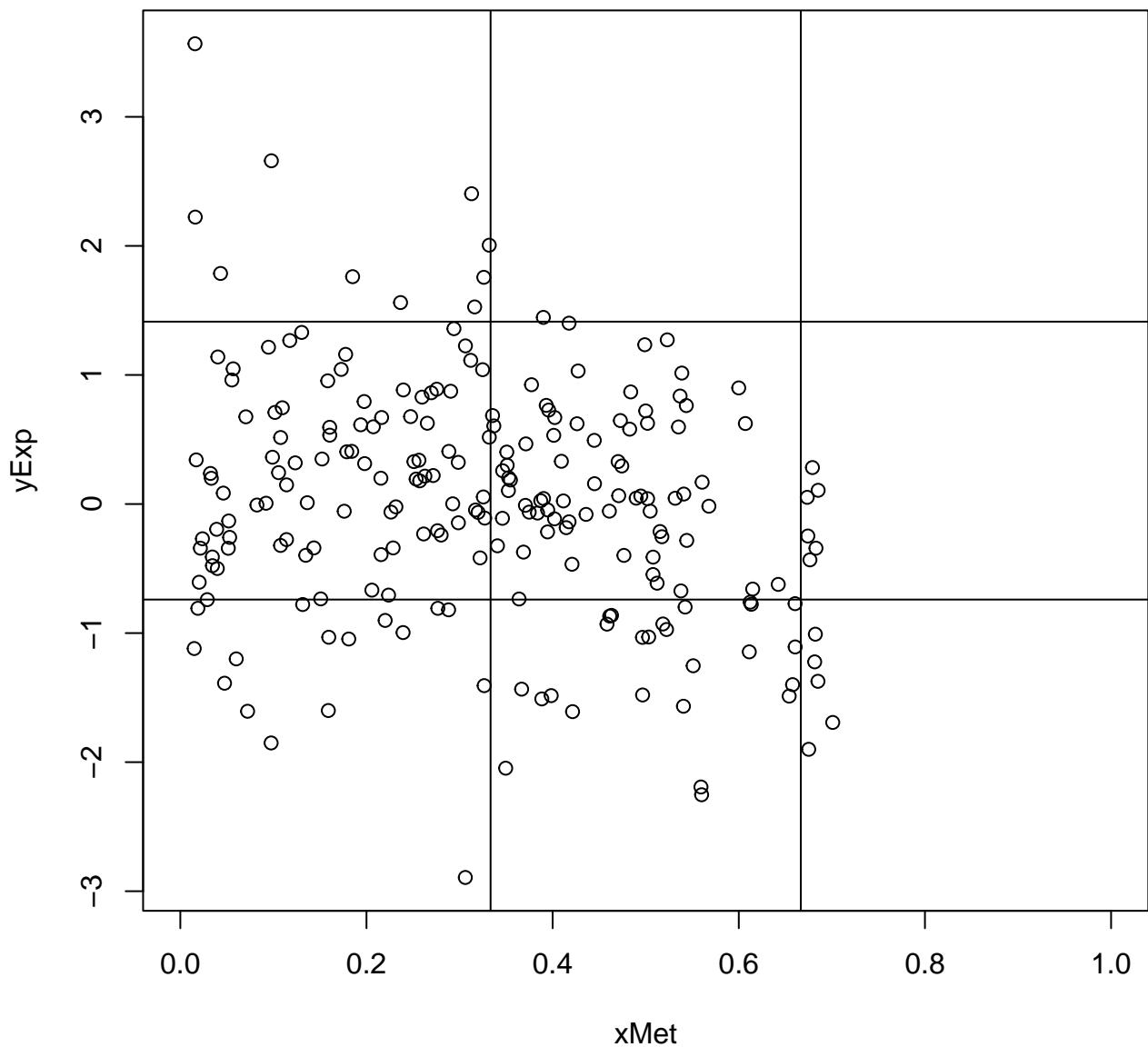
ST6GAL2, 221



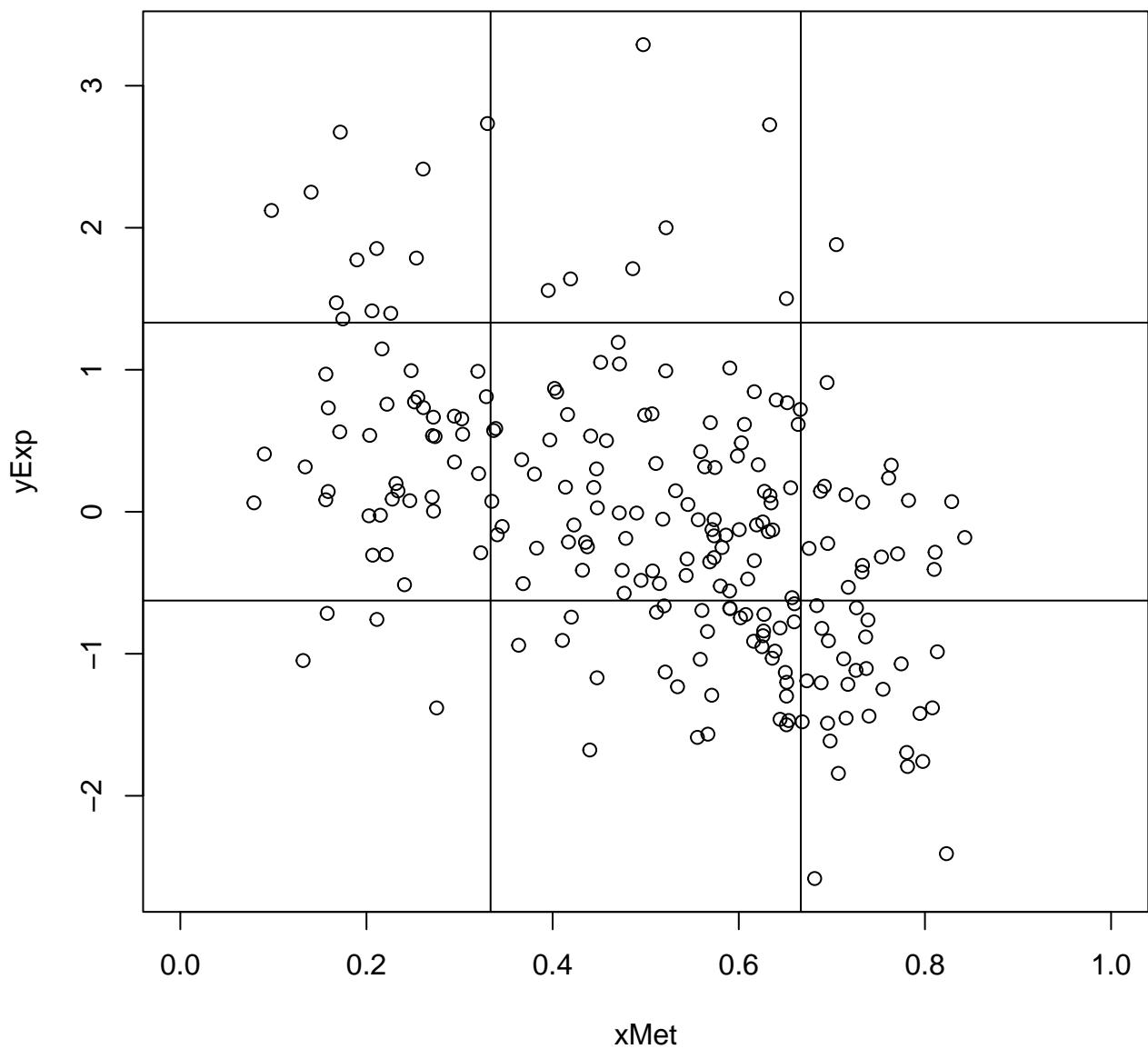
ST8SIA1, -147.4



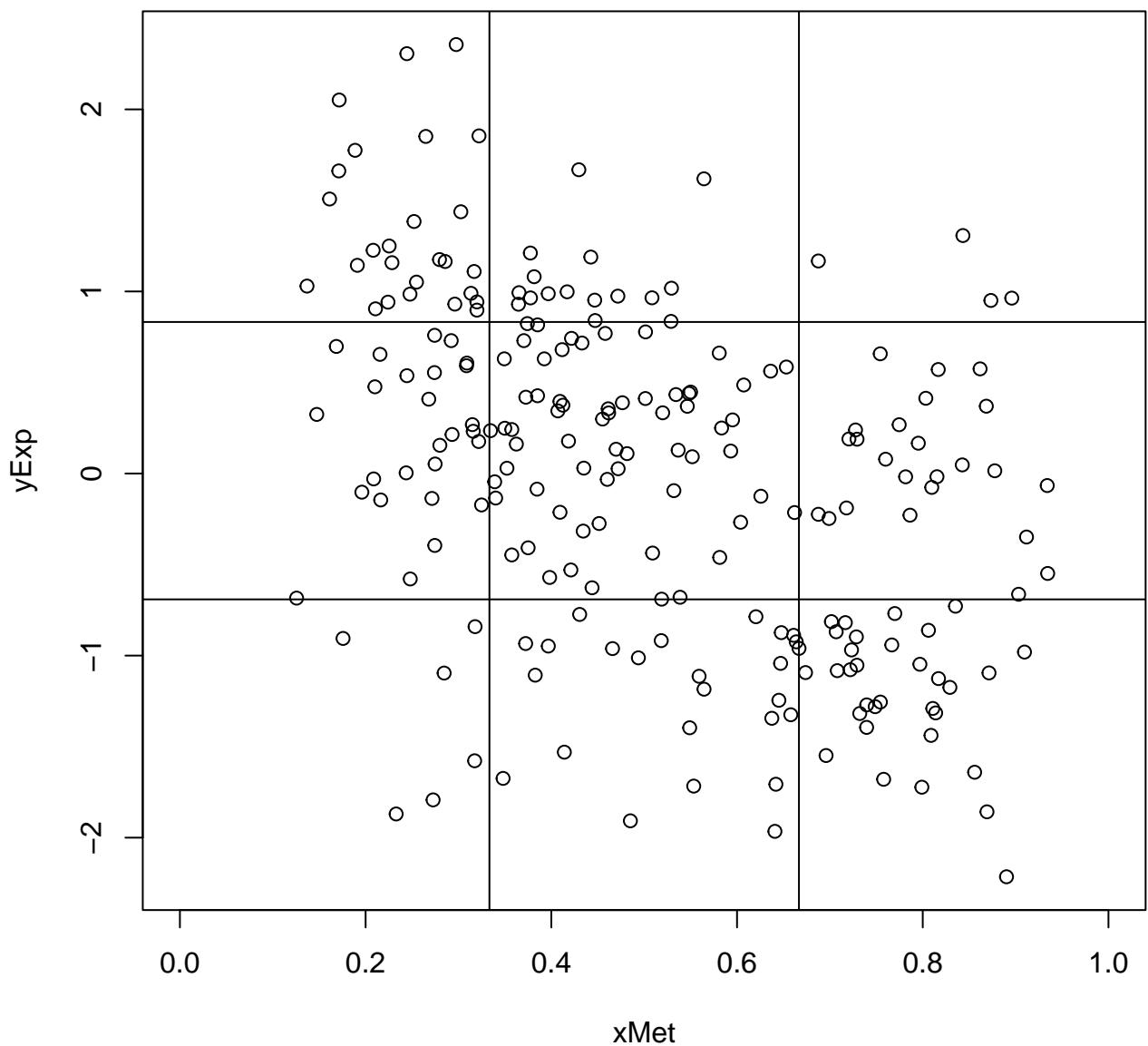
ST8SIA4, 145



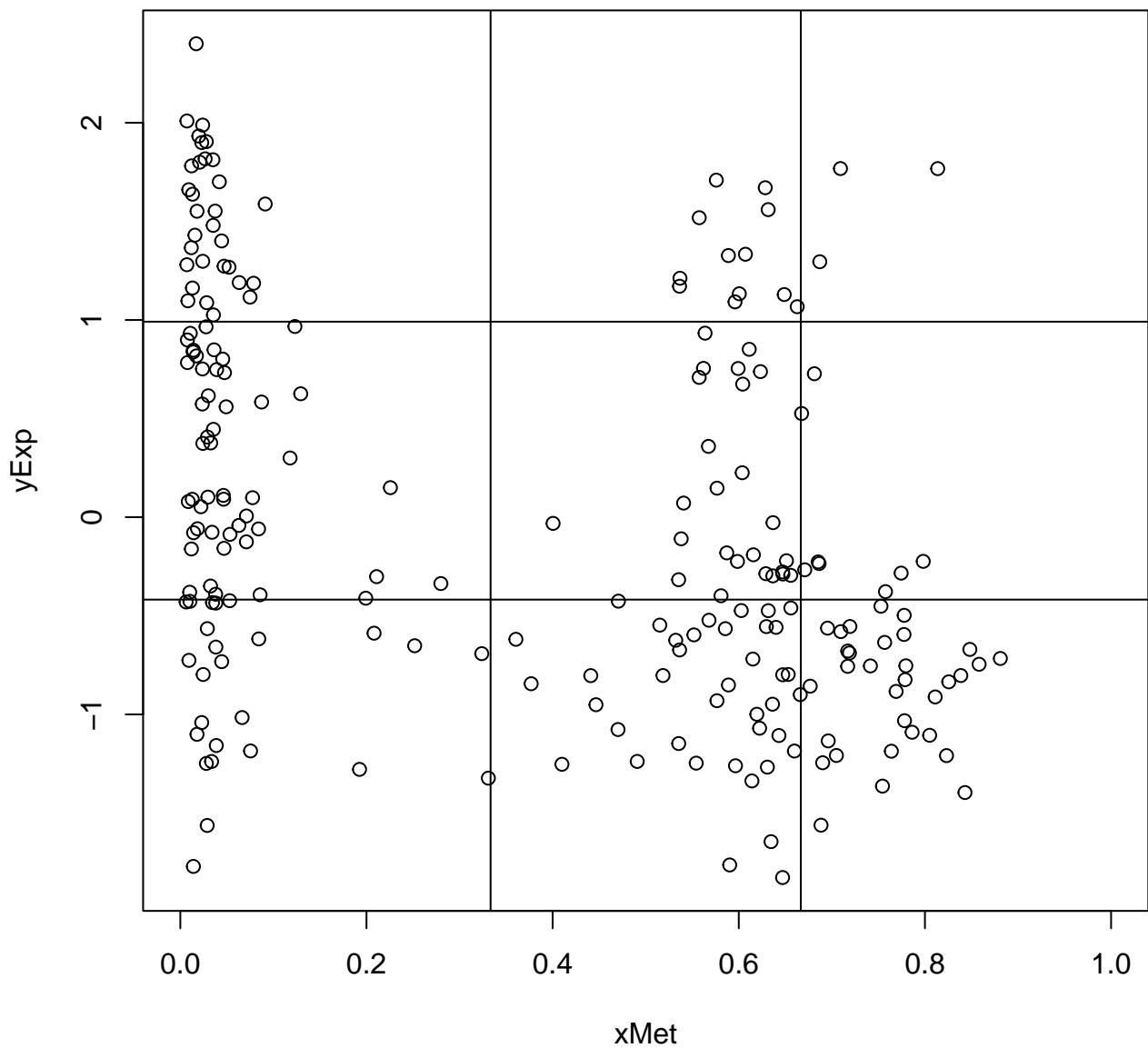
STAT5A, 59.4



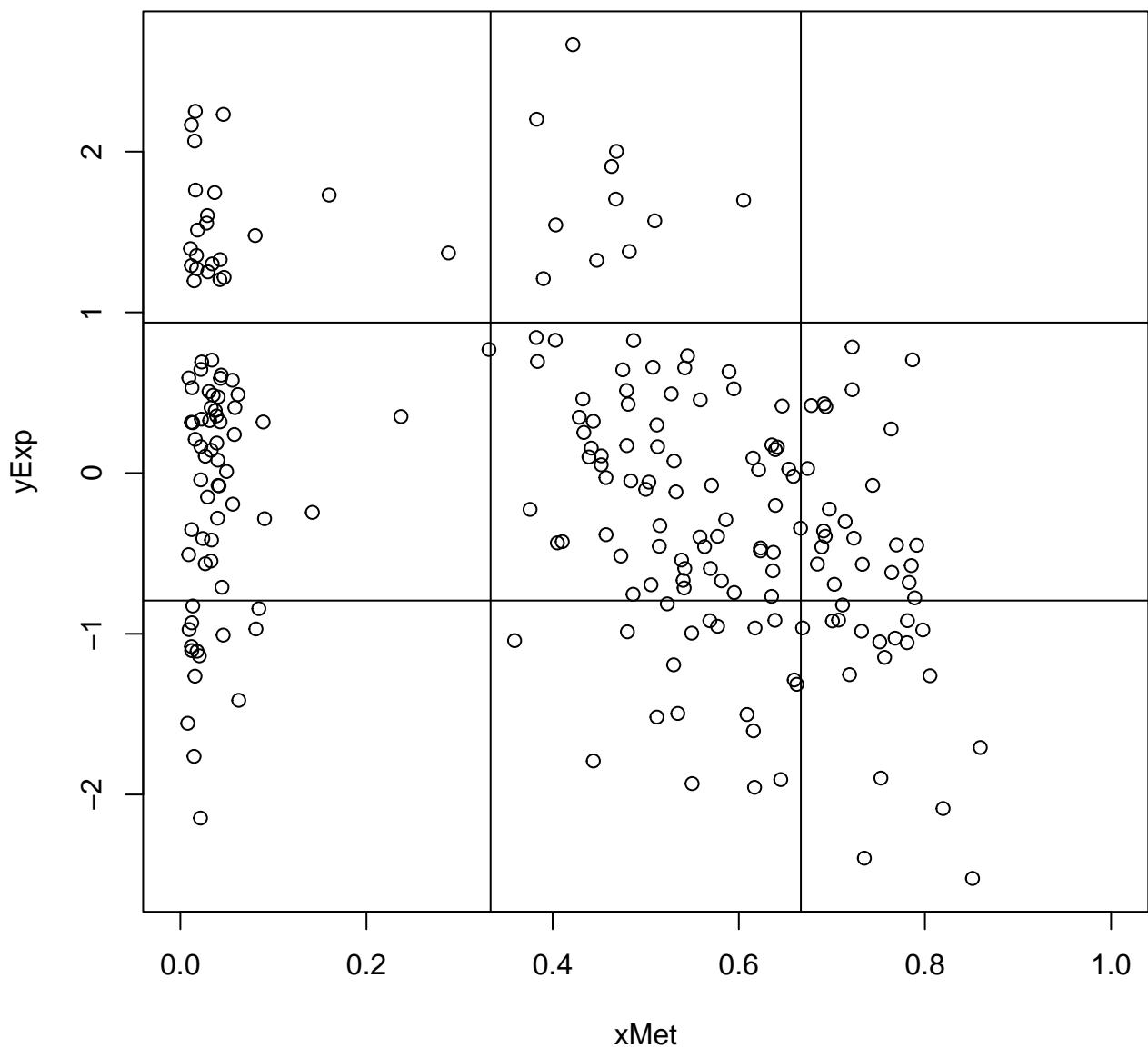
STC2, -84.4



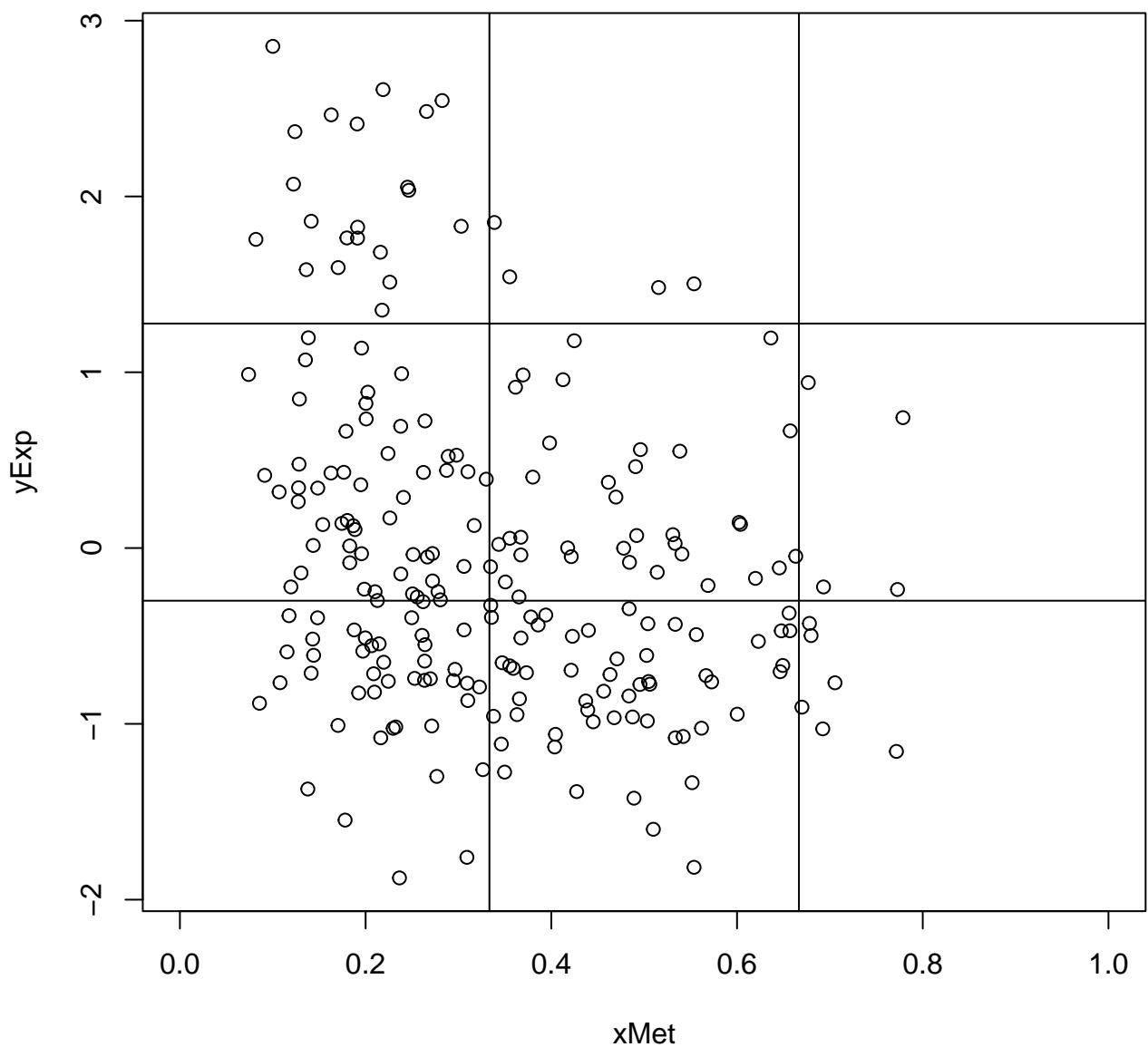
STK33, 64.2



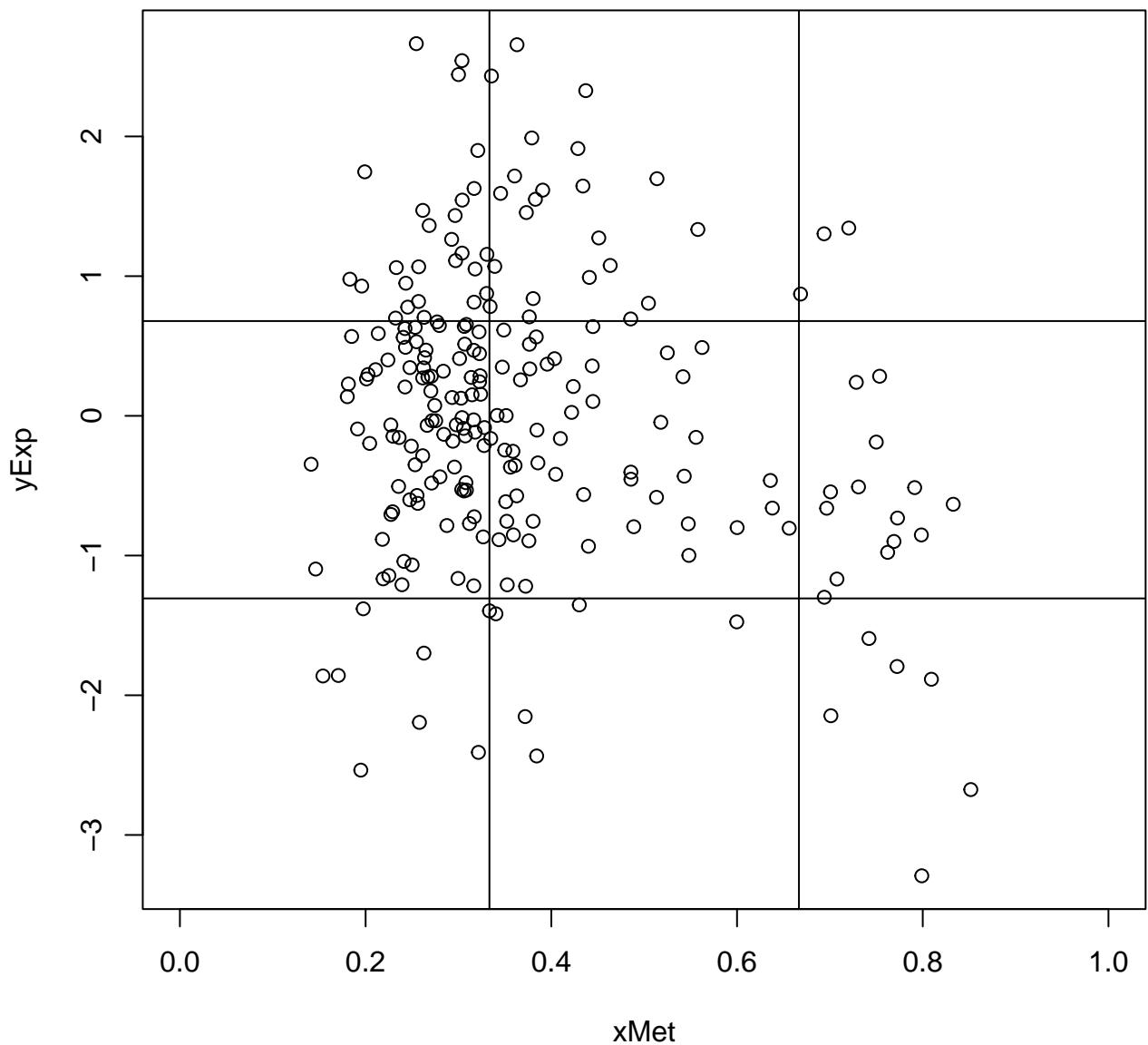
STOM, 91



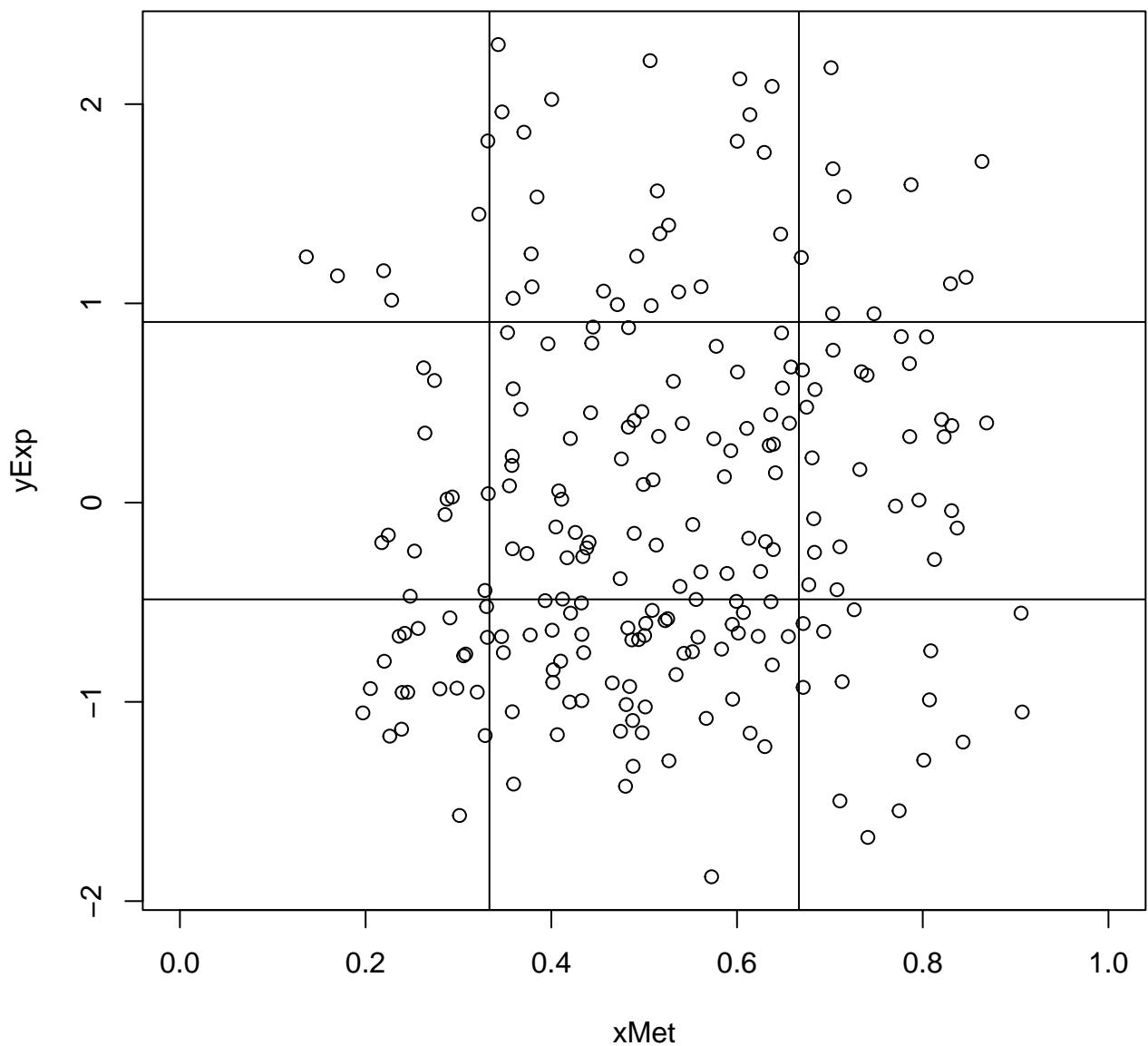
STRA6, 191



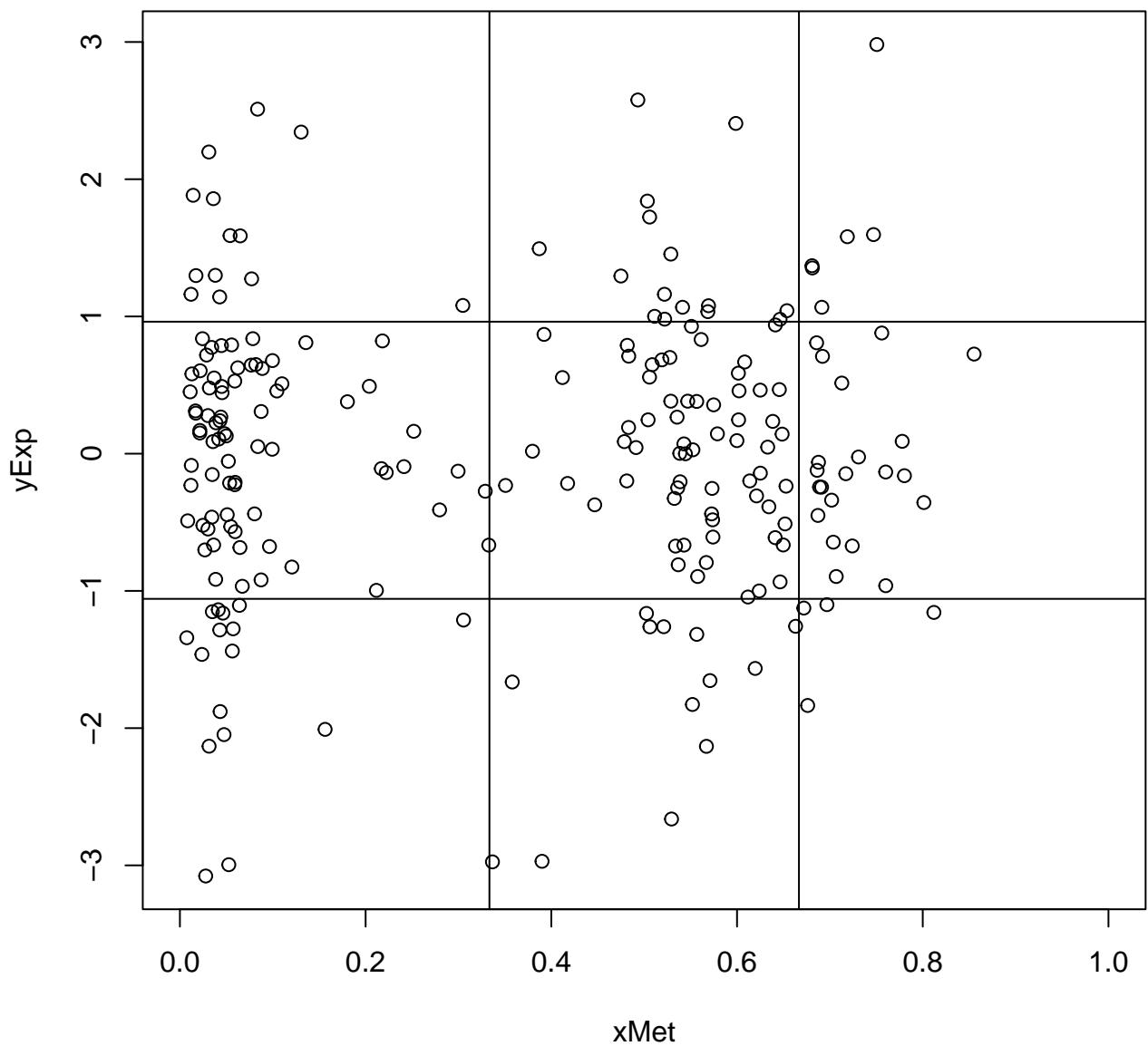
SUSD1, -40.8



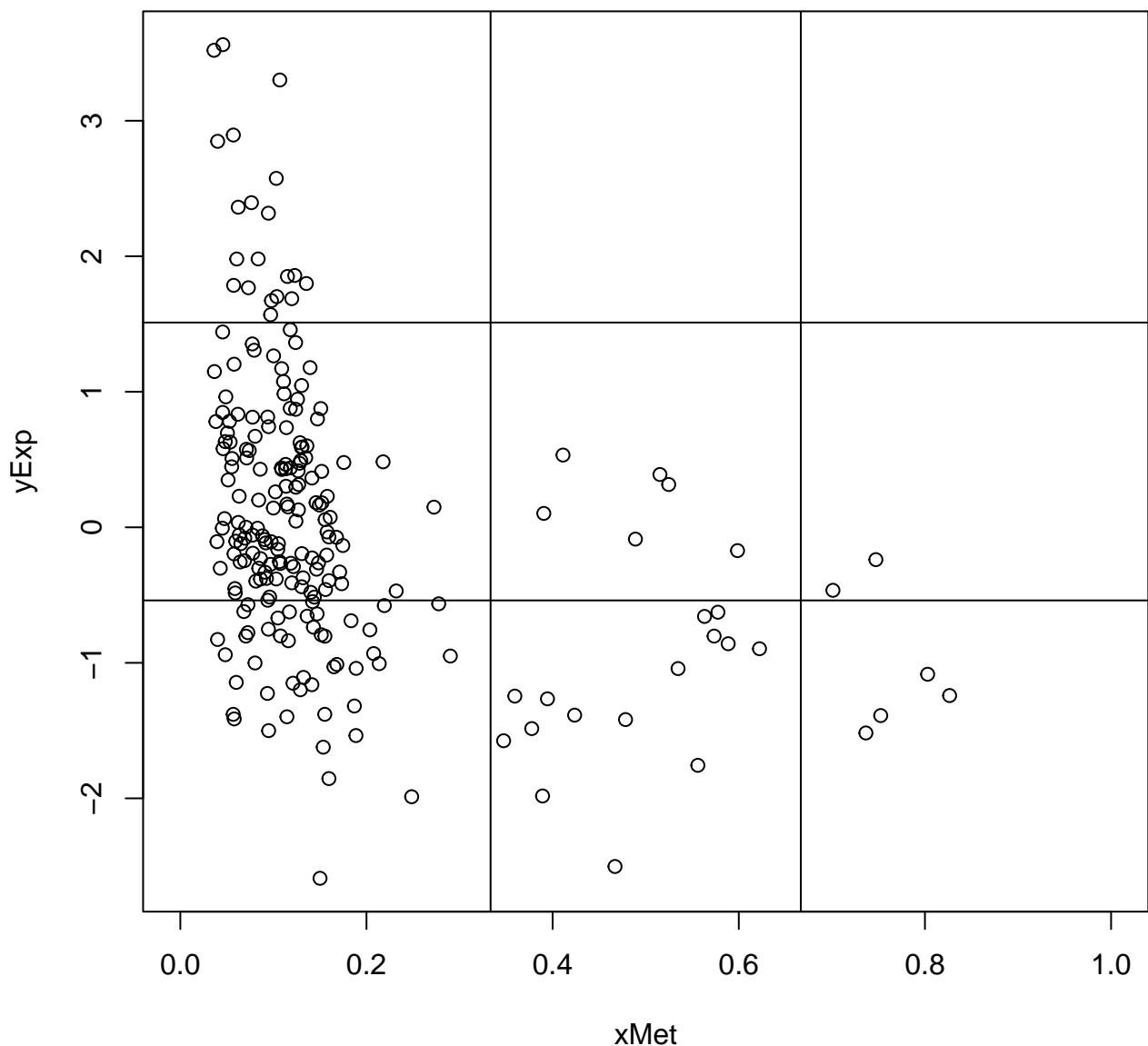
SYN3, -420



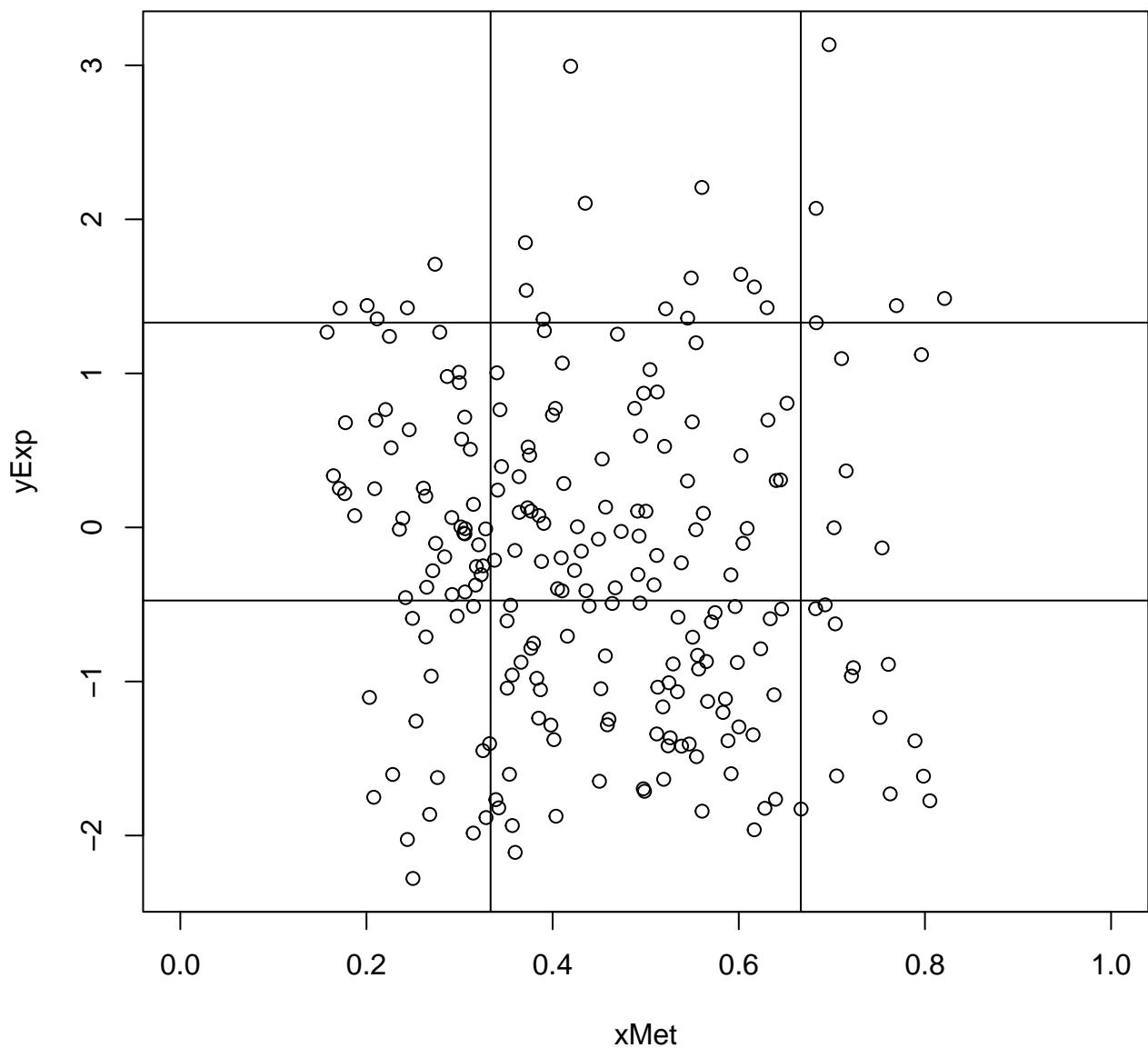
SYT2, -204.6



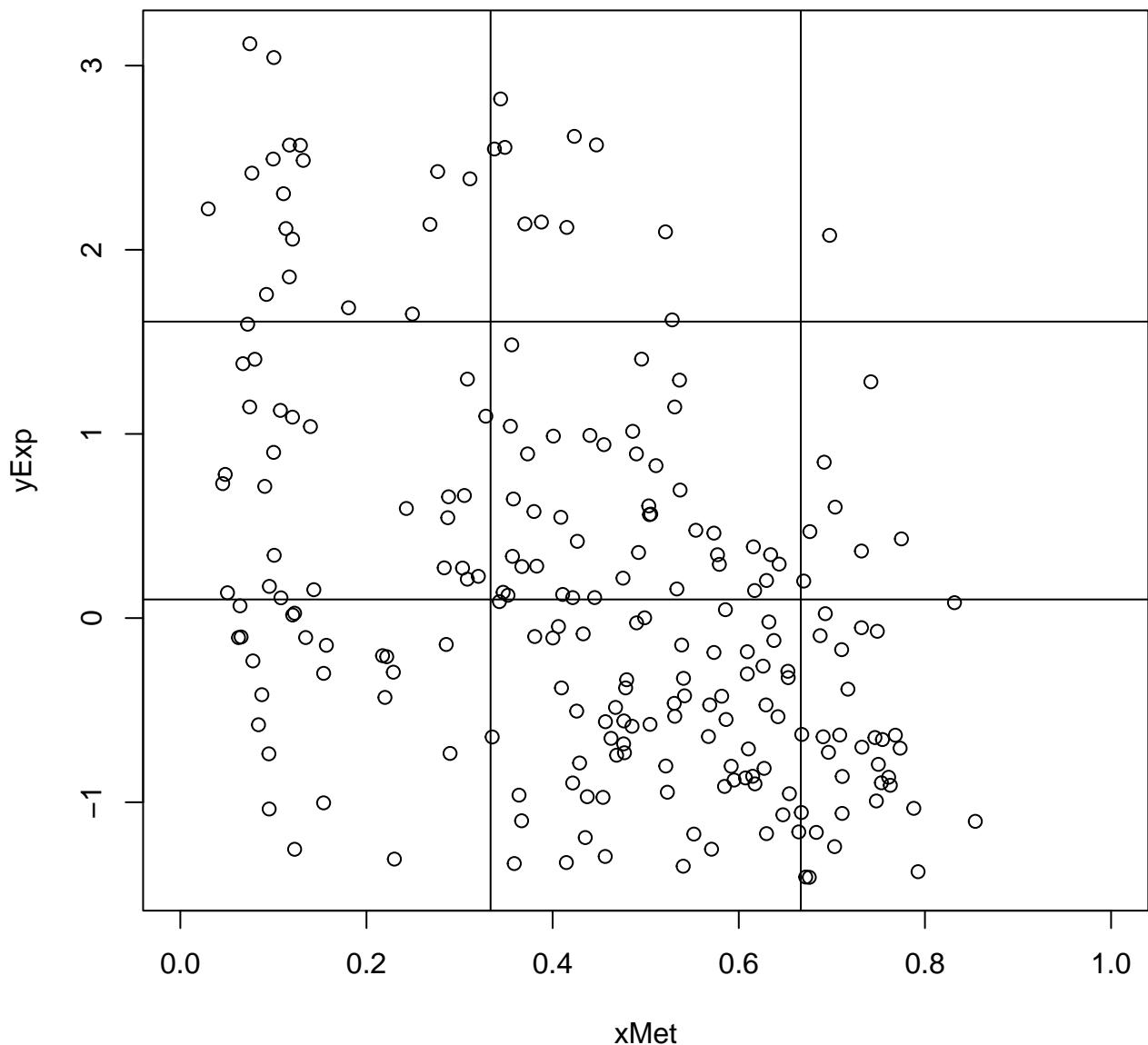
SYT7, 235



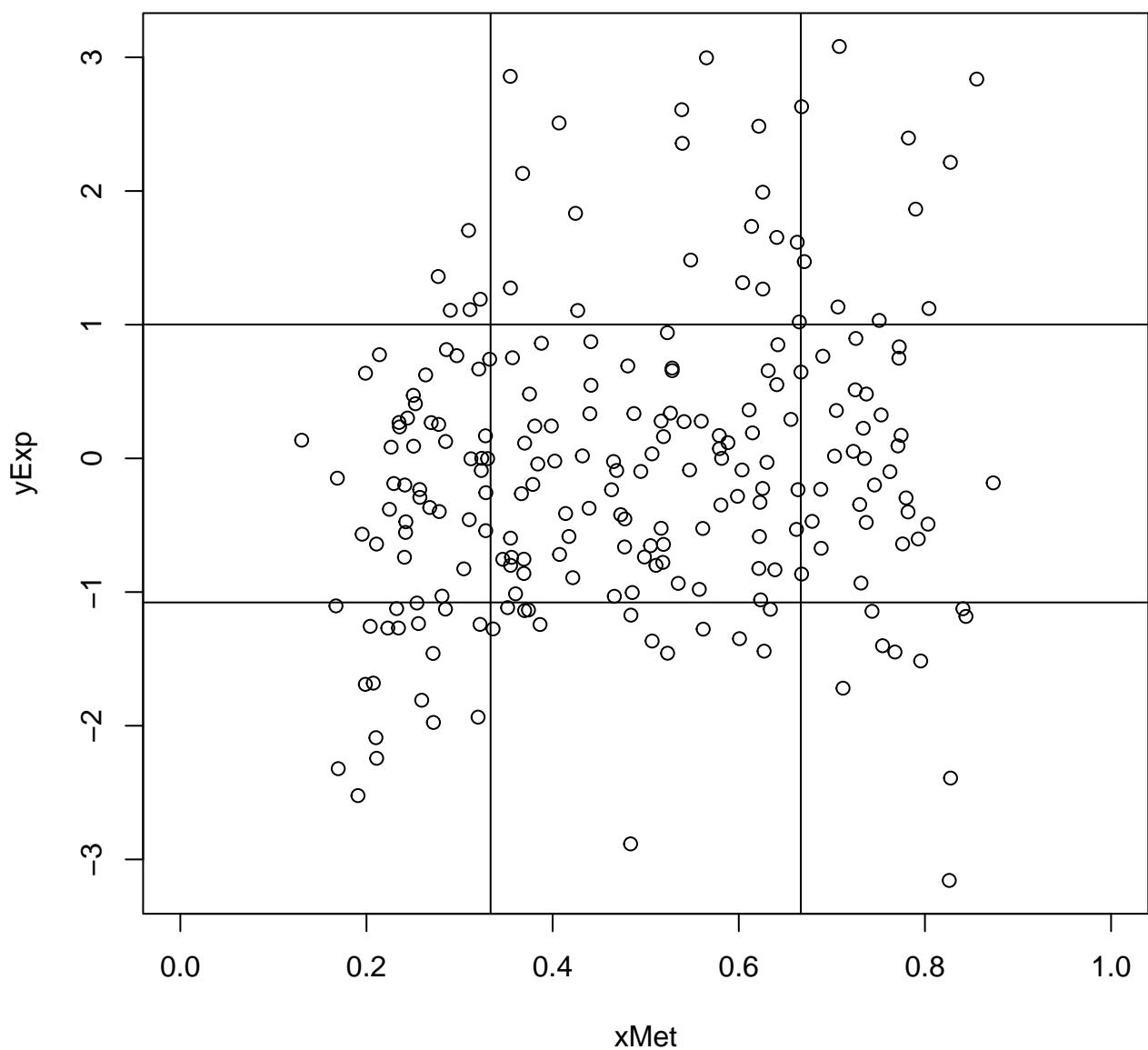
TAB1, -54.4



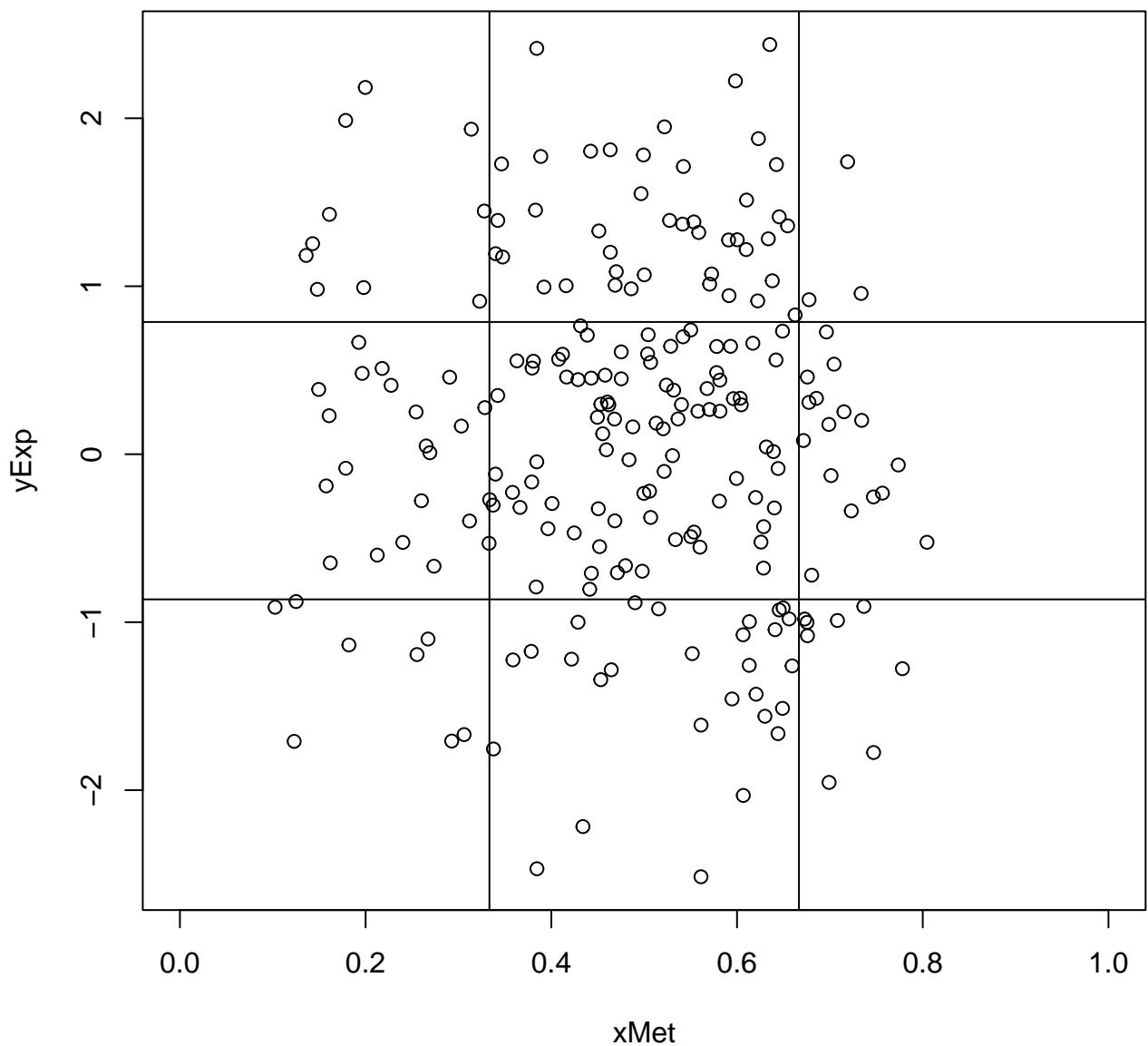
TAC1, 135.4



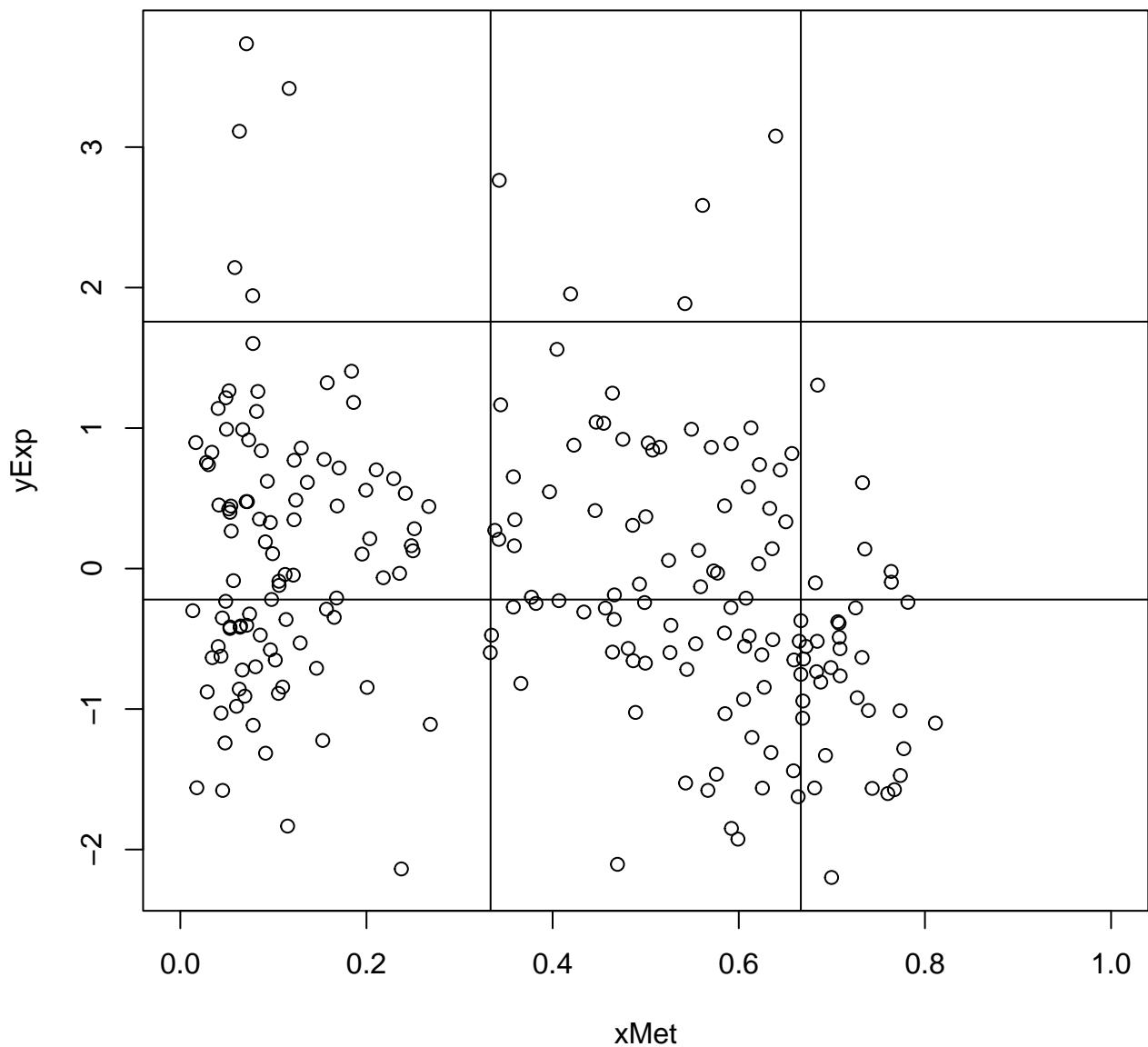
TCEA2, -441



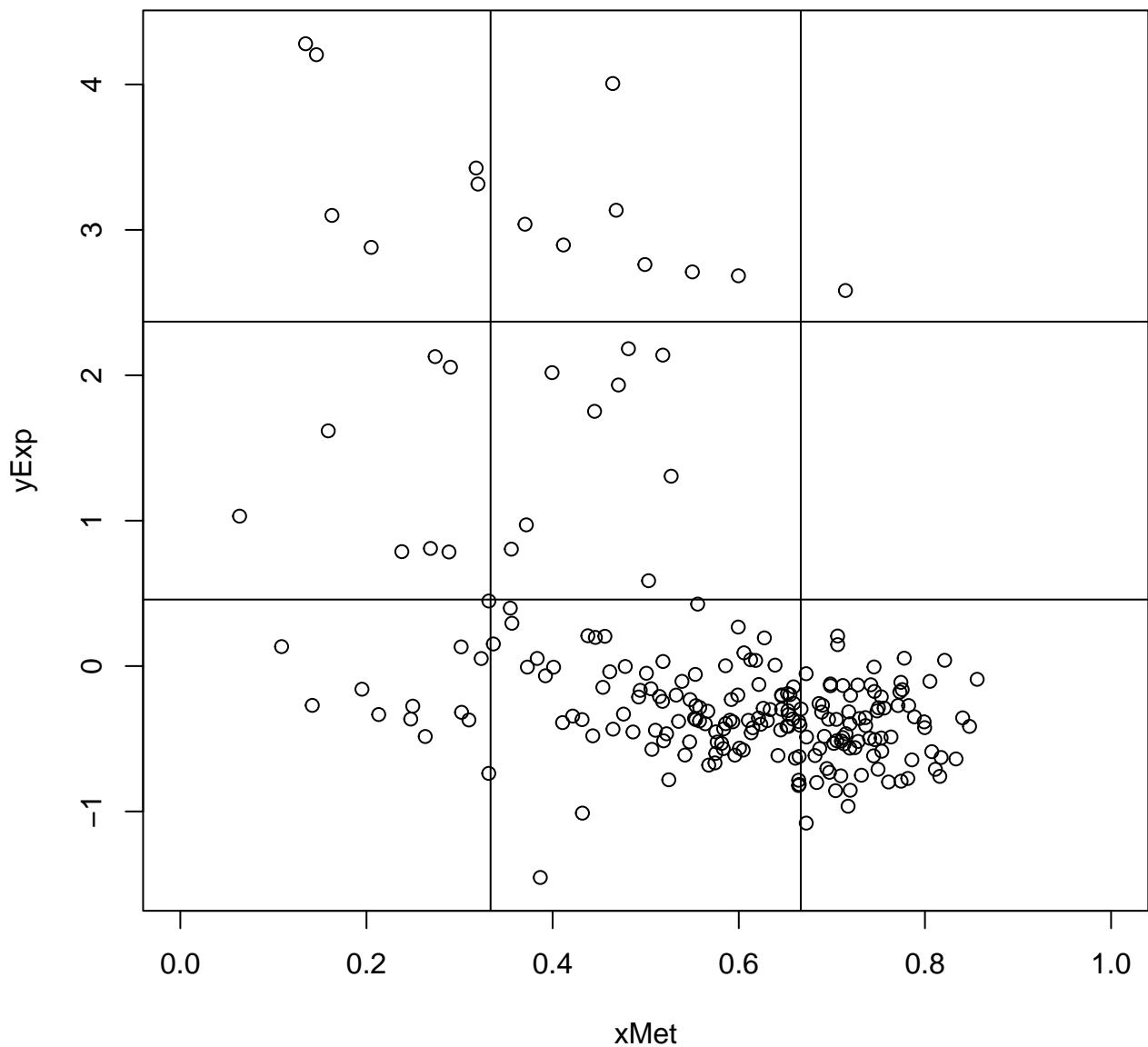
TCF21, -156.8



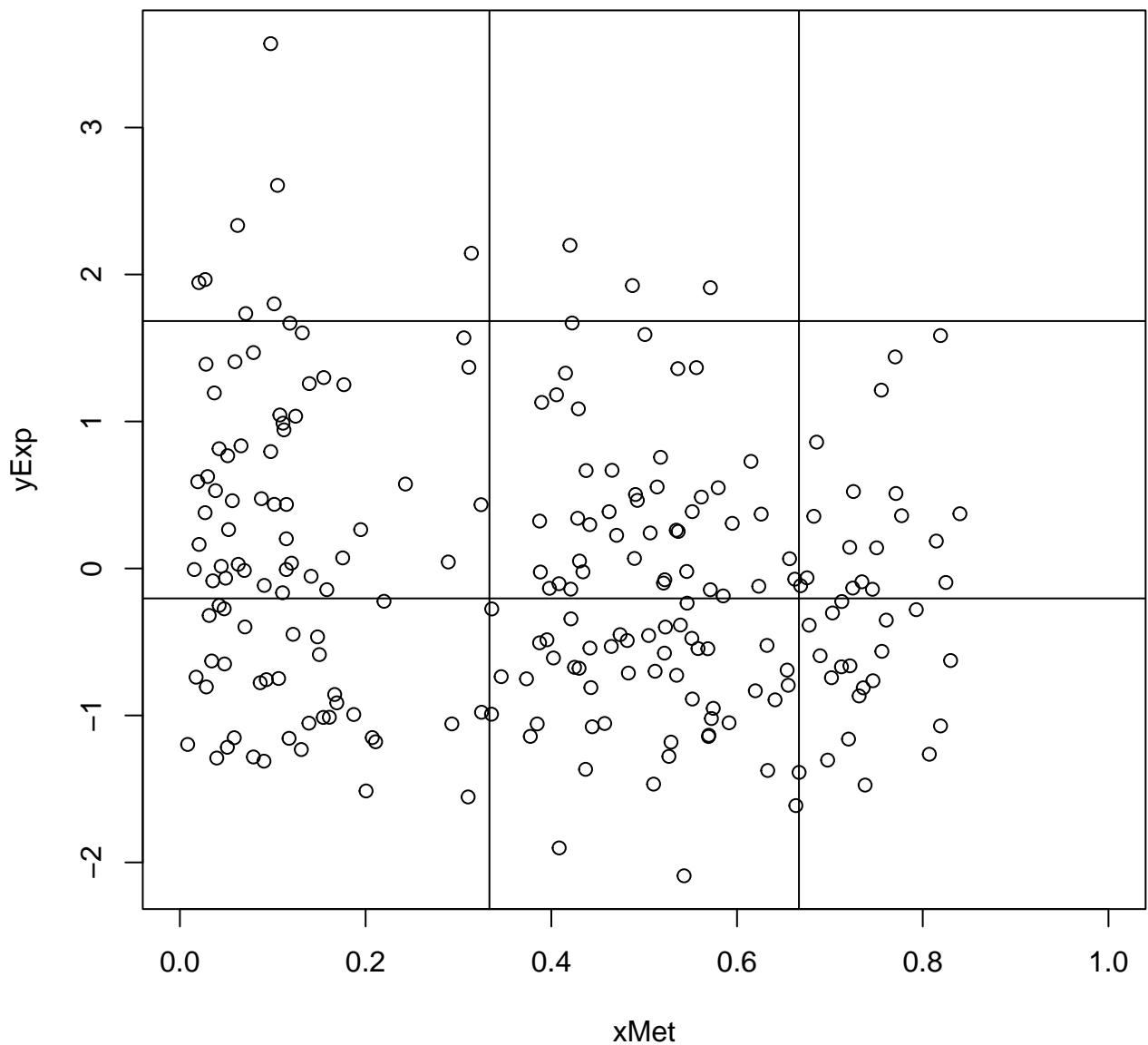
TCF7L1, 184



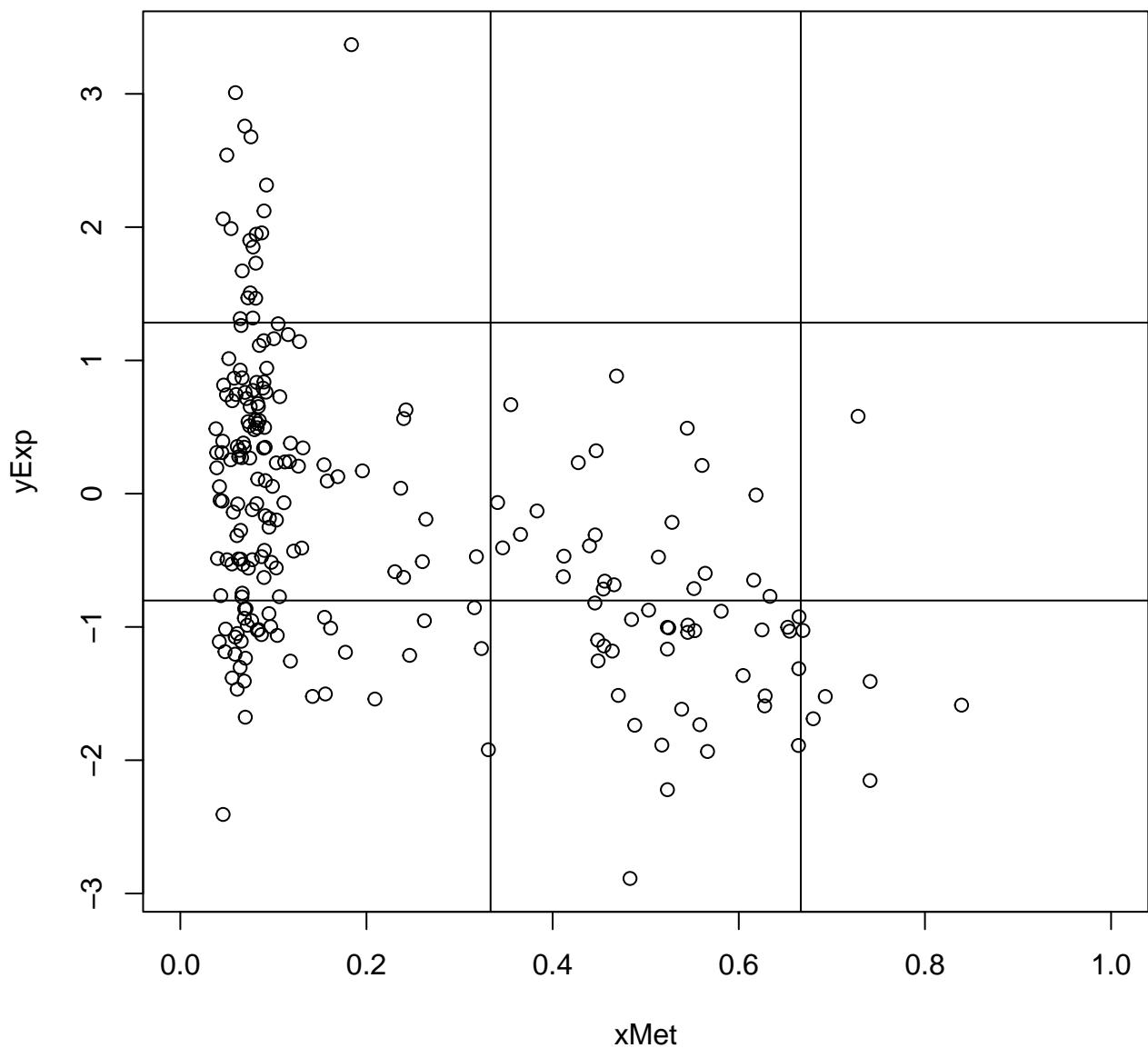
TCP11, 231.4



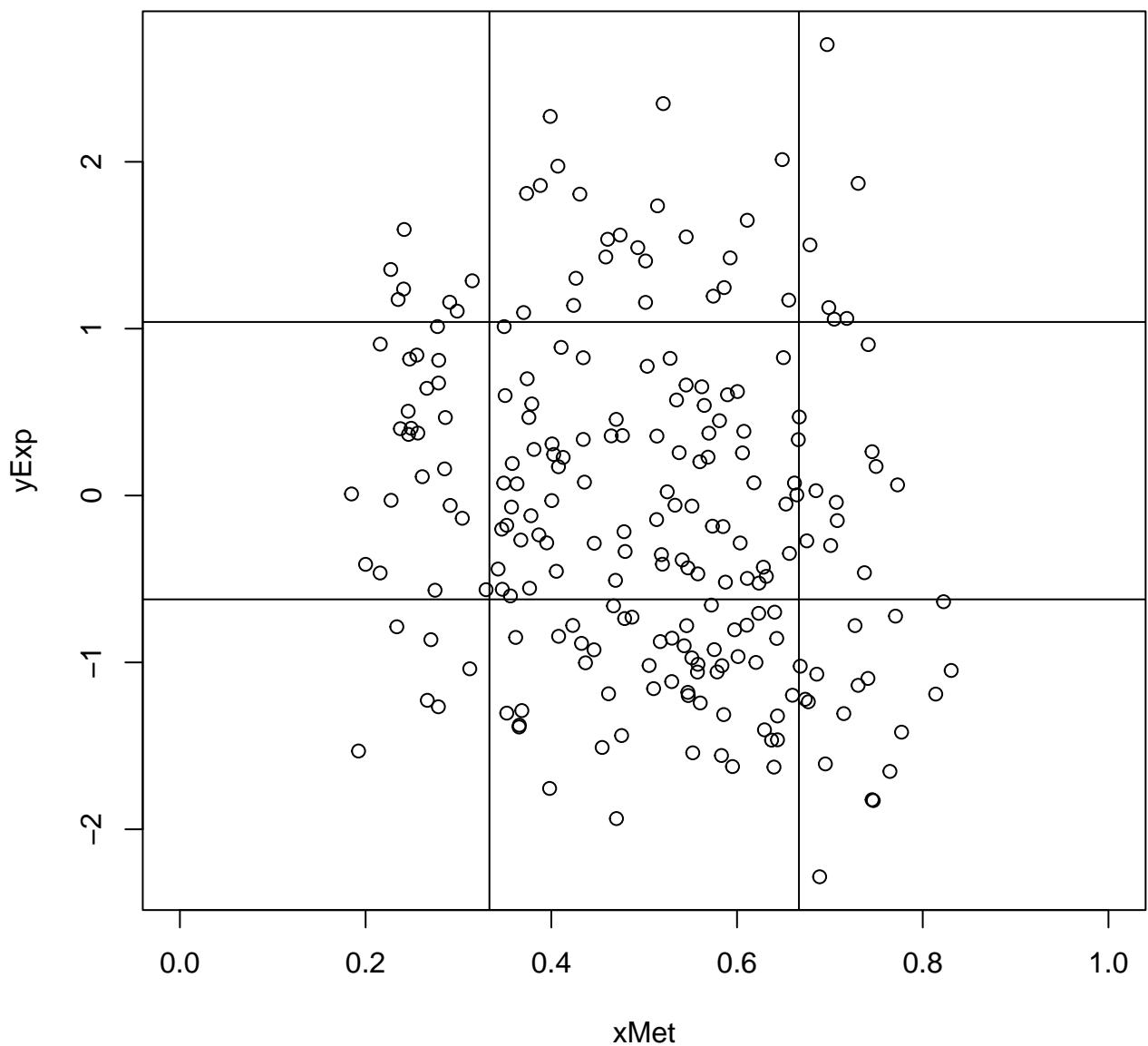
TFAP2A, 145



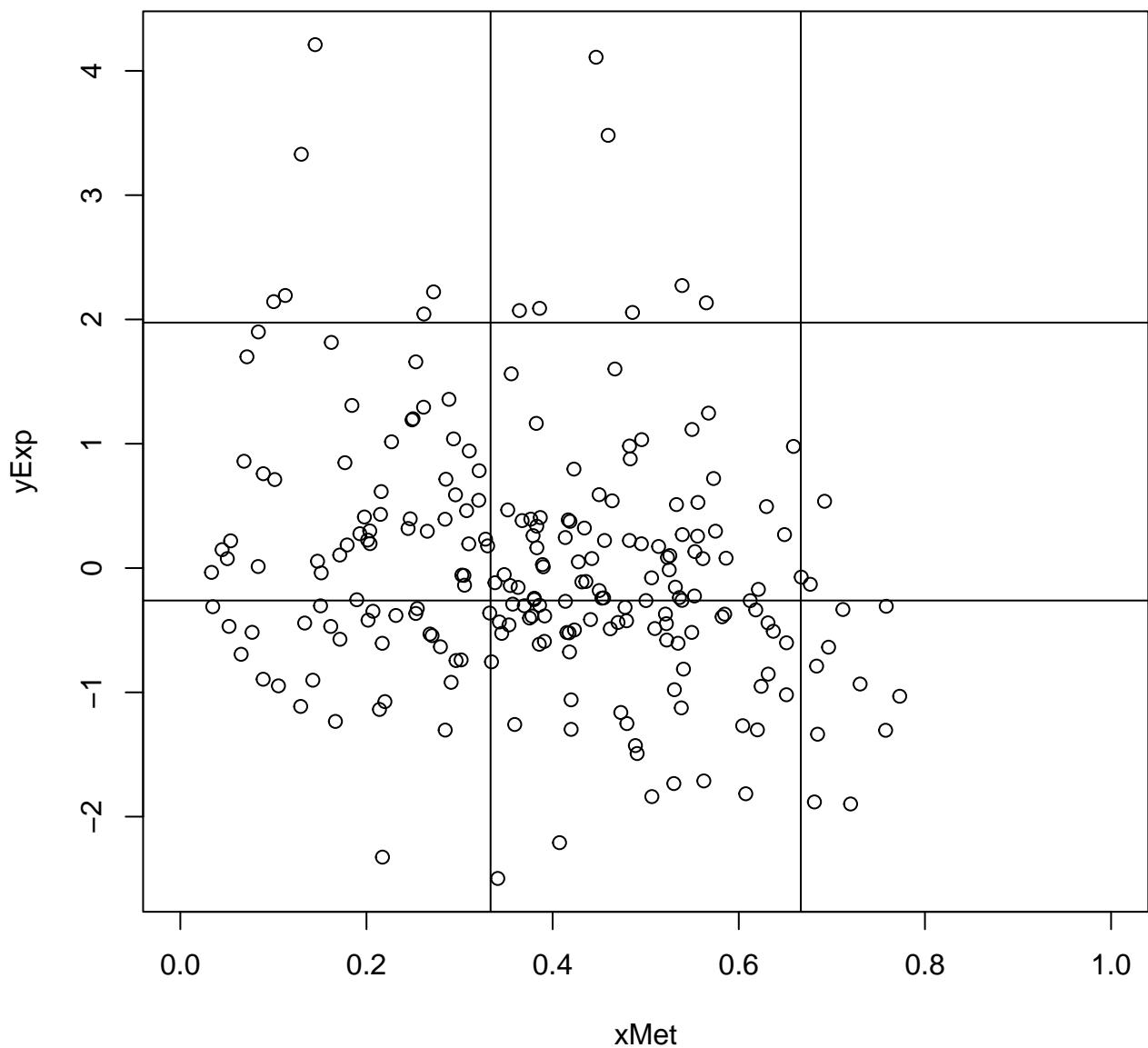
TFAP2C, 222



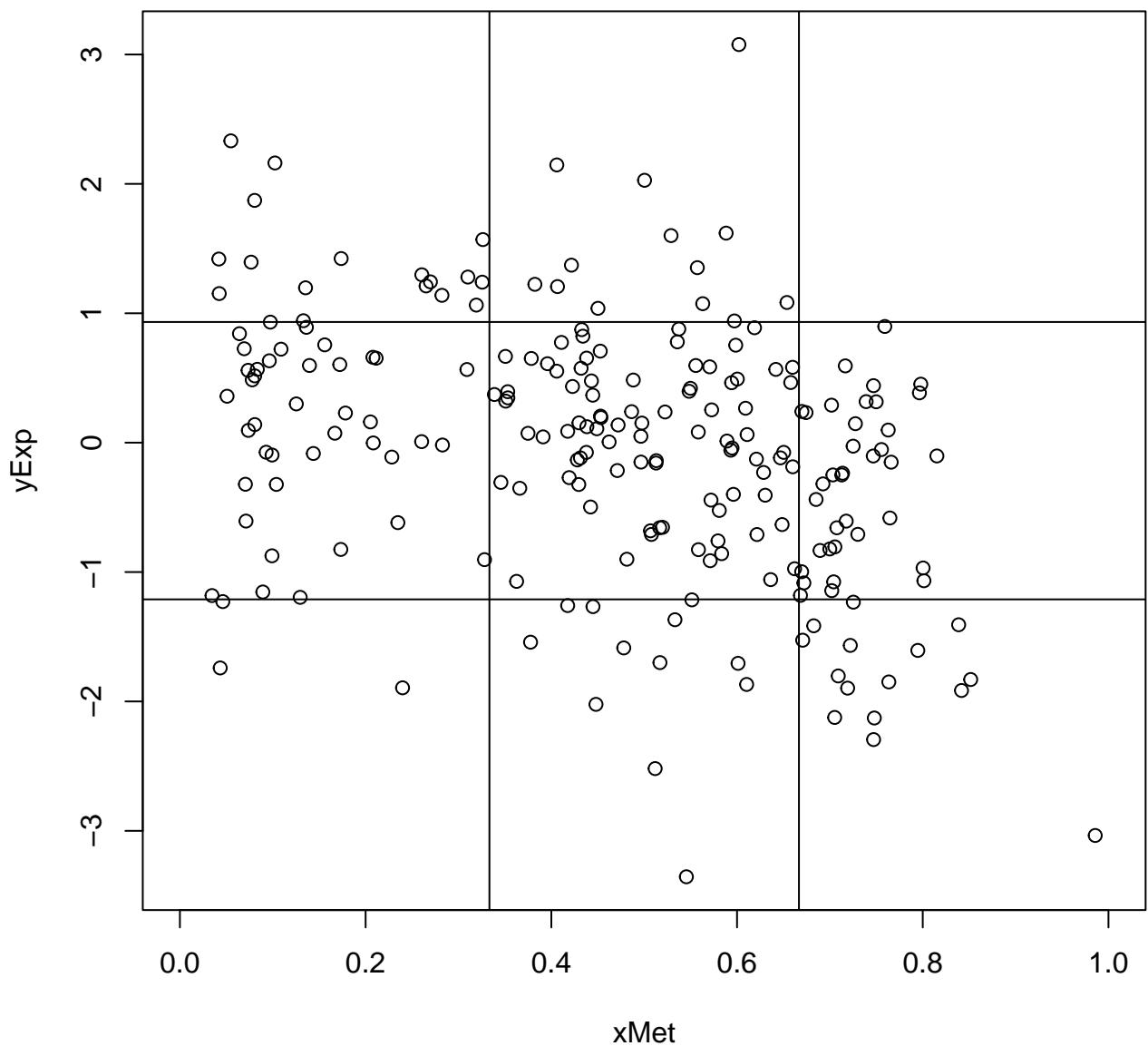
TFF2, -204.6



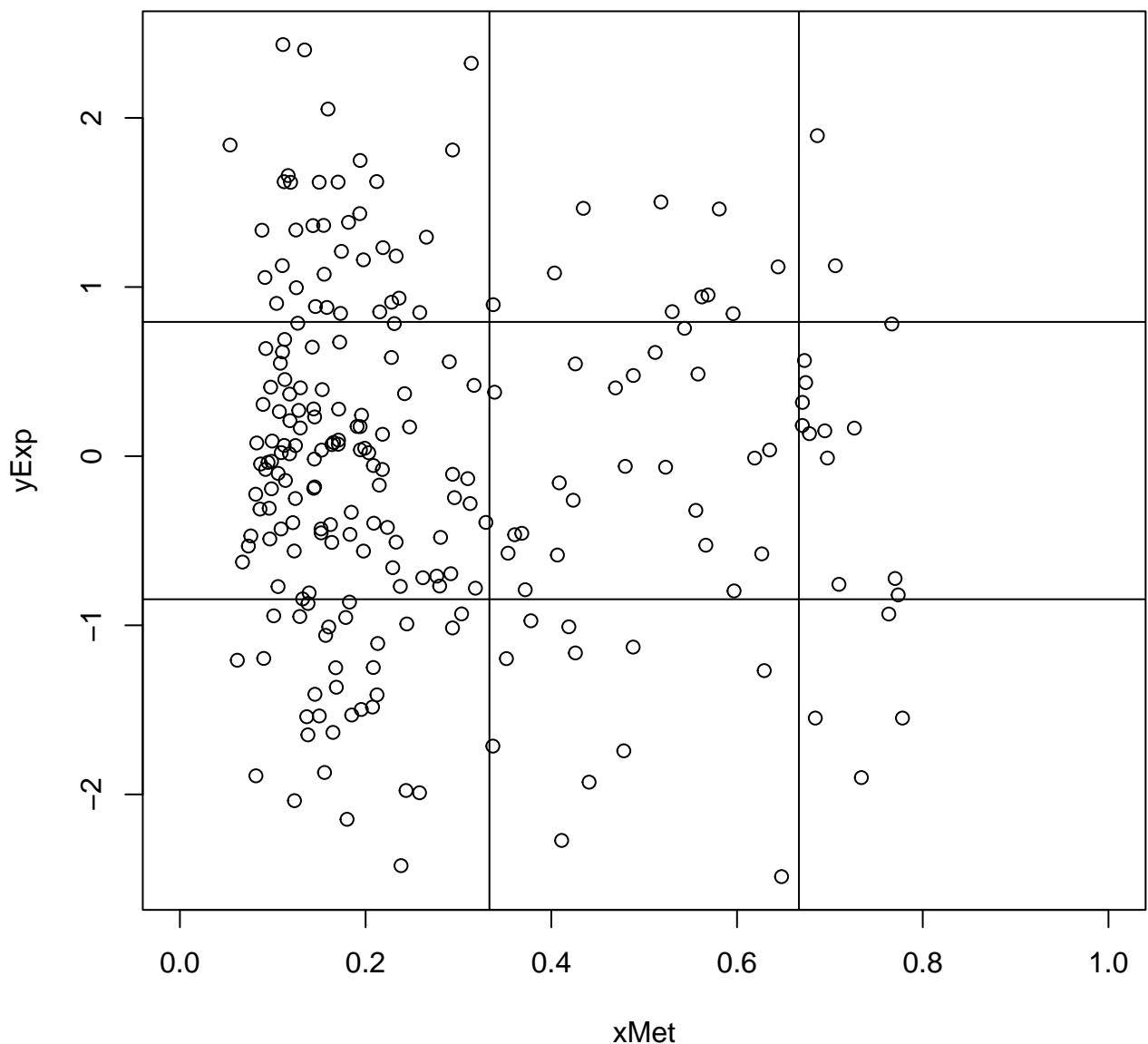
TGFB2, 147



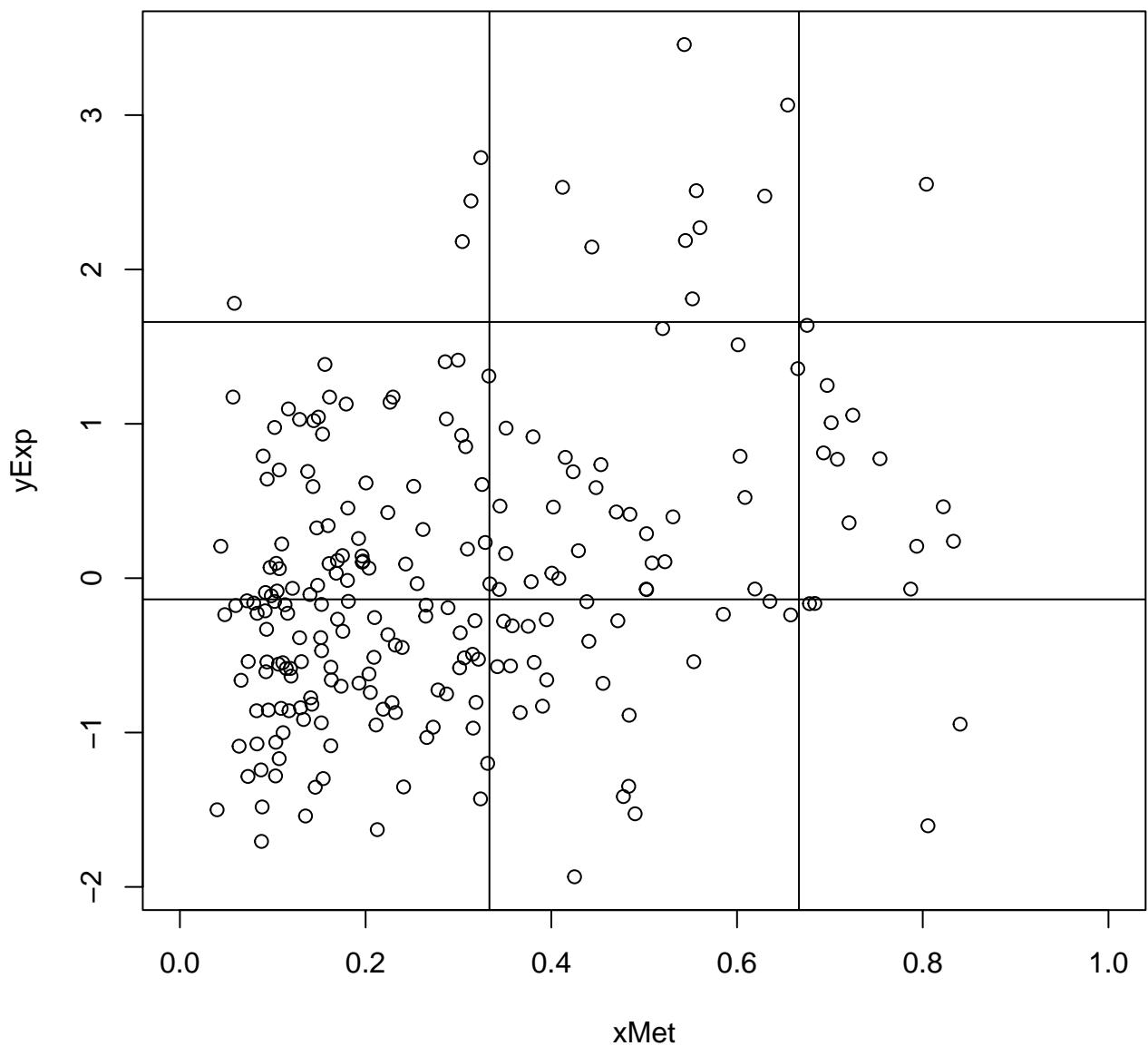
TIAM1, 21



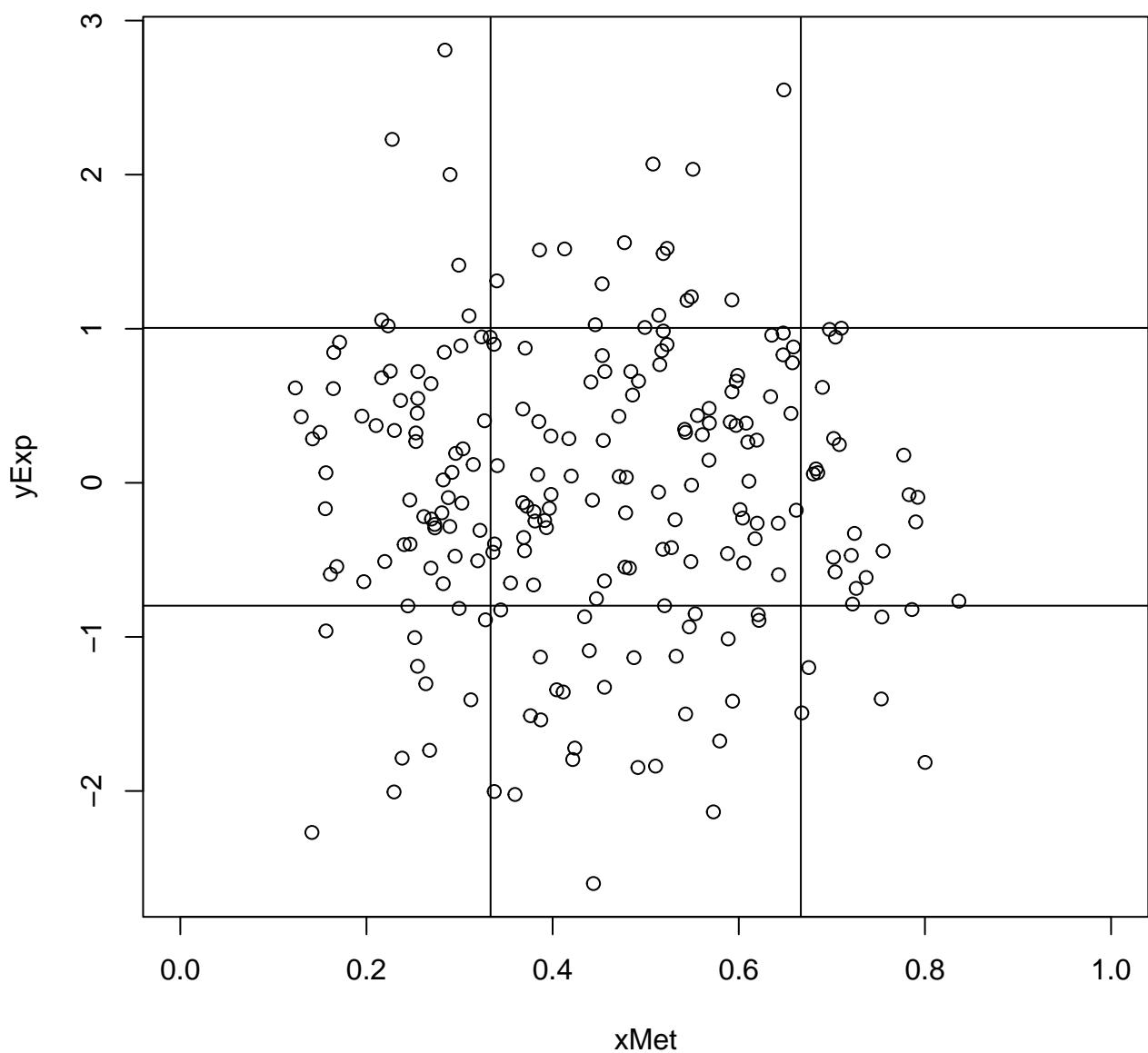
TIMP3, 83.8



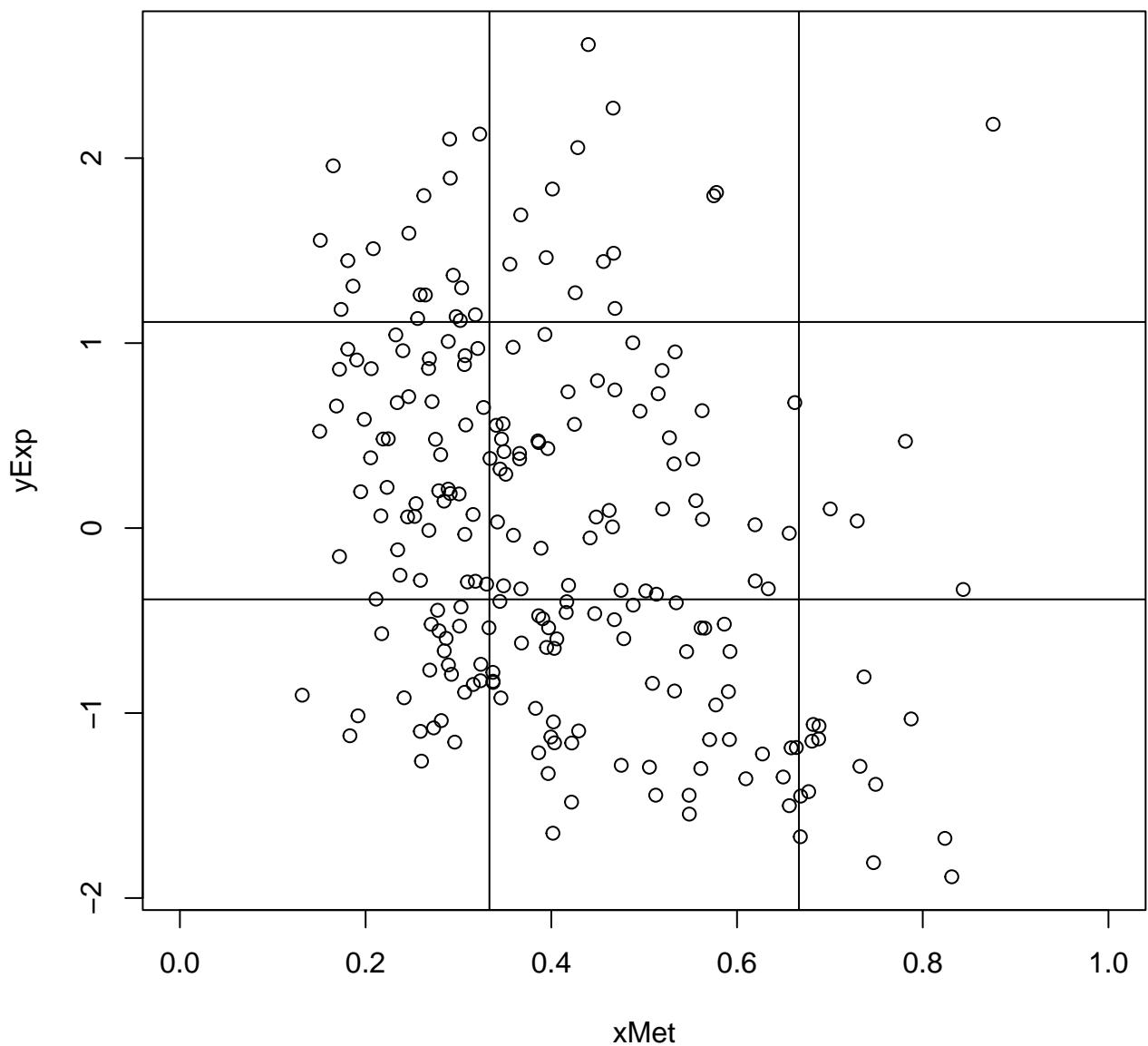
TLE6, 93.4



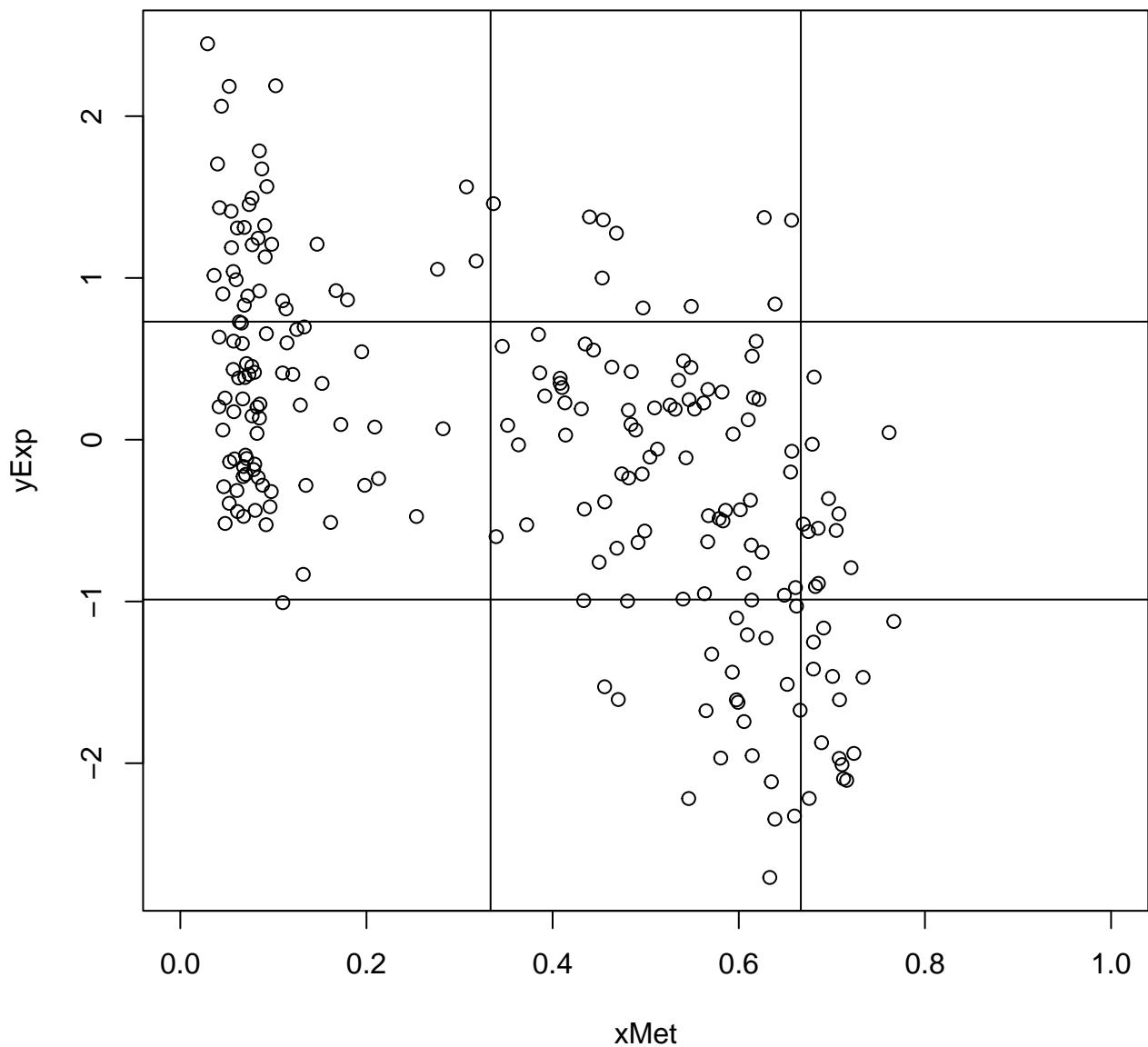
TLR1, 41



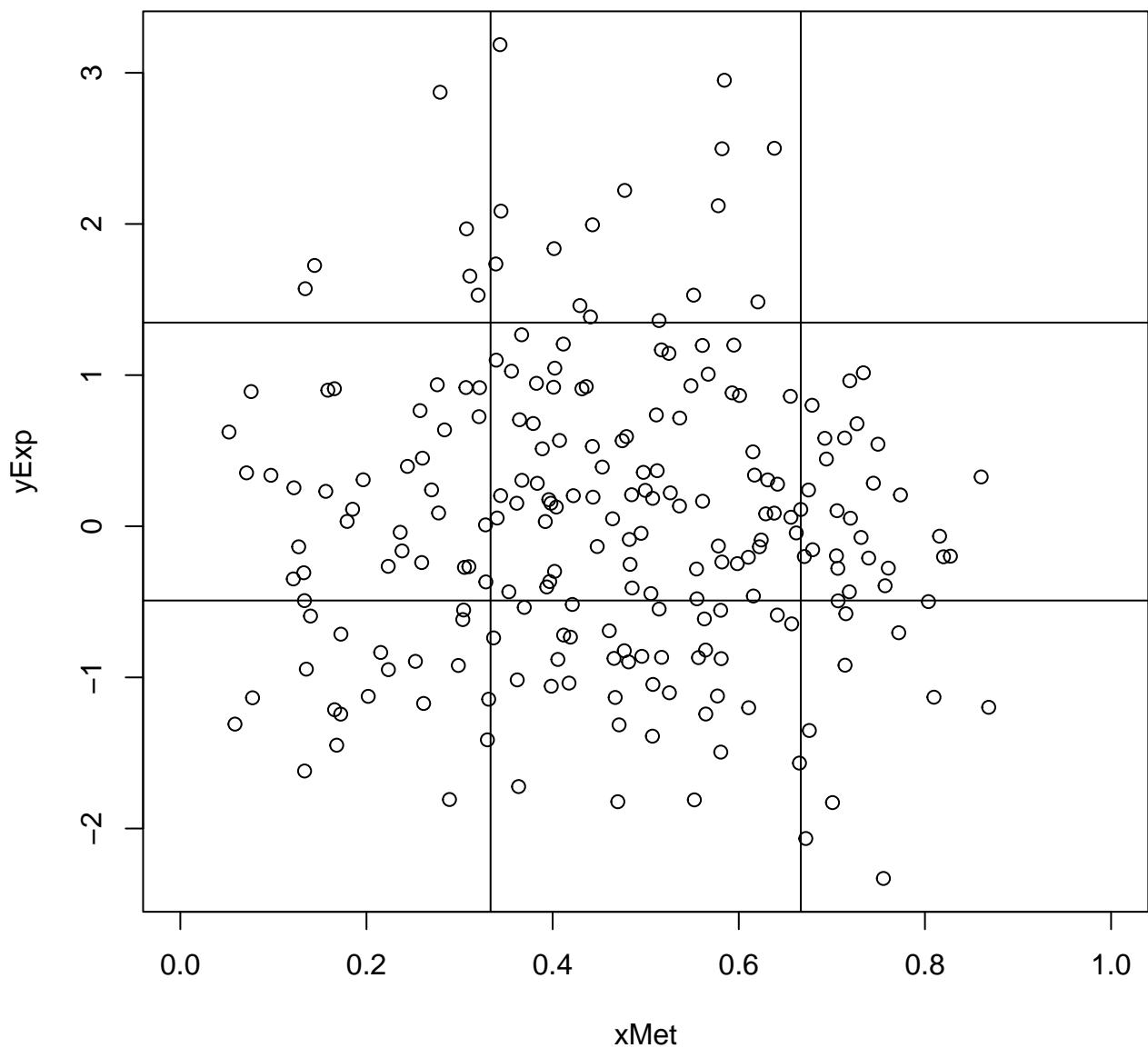
TM4SF20, 111.4



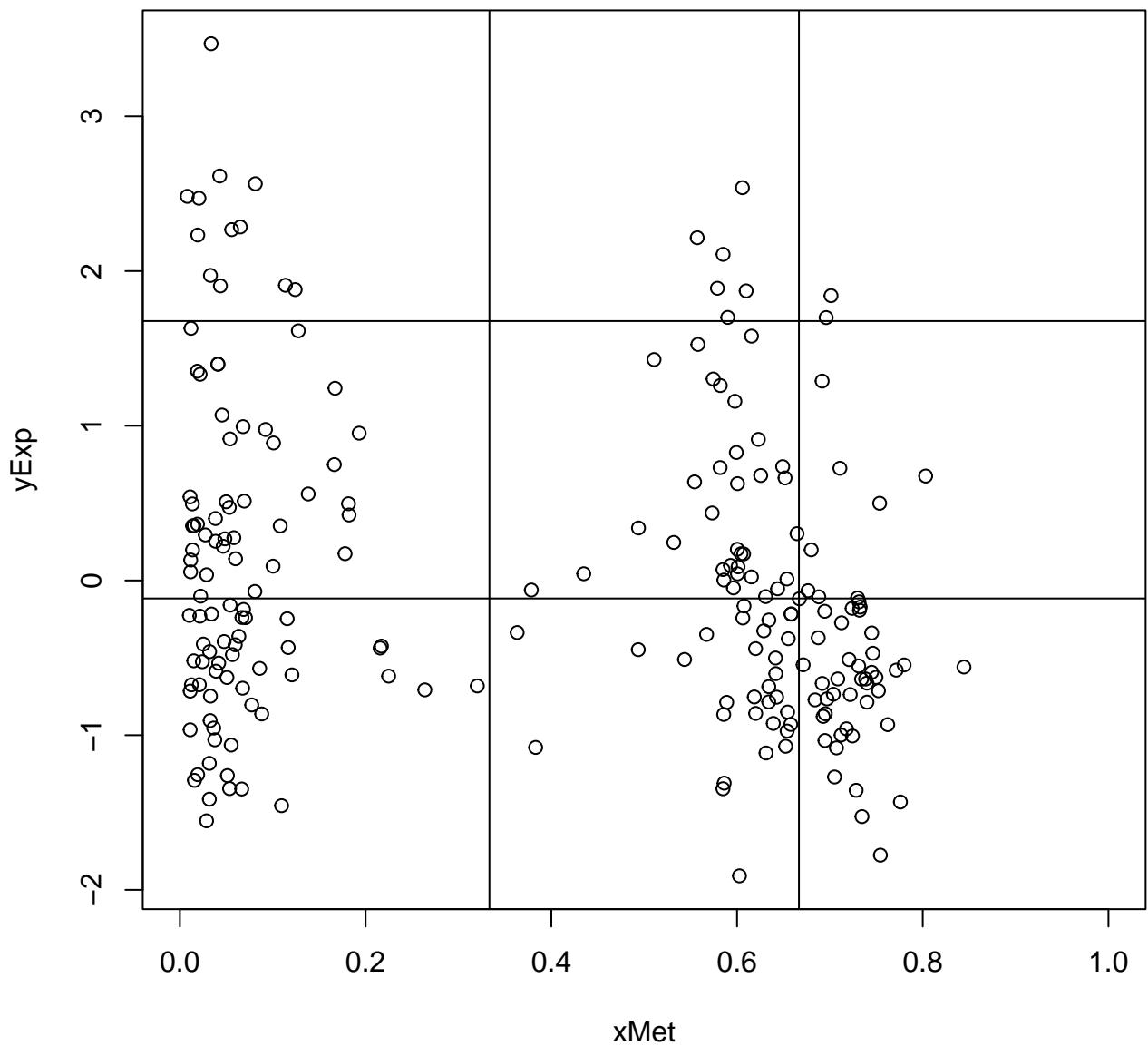
TMEM106A, 140



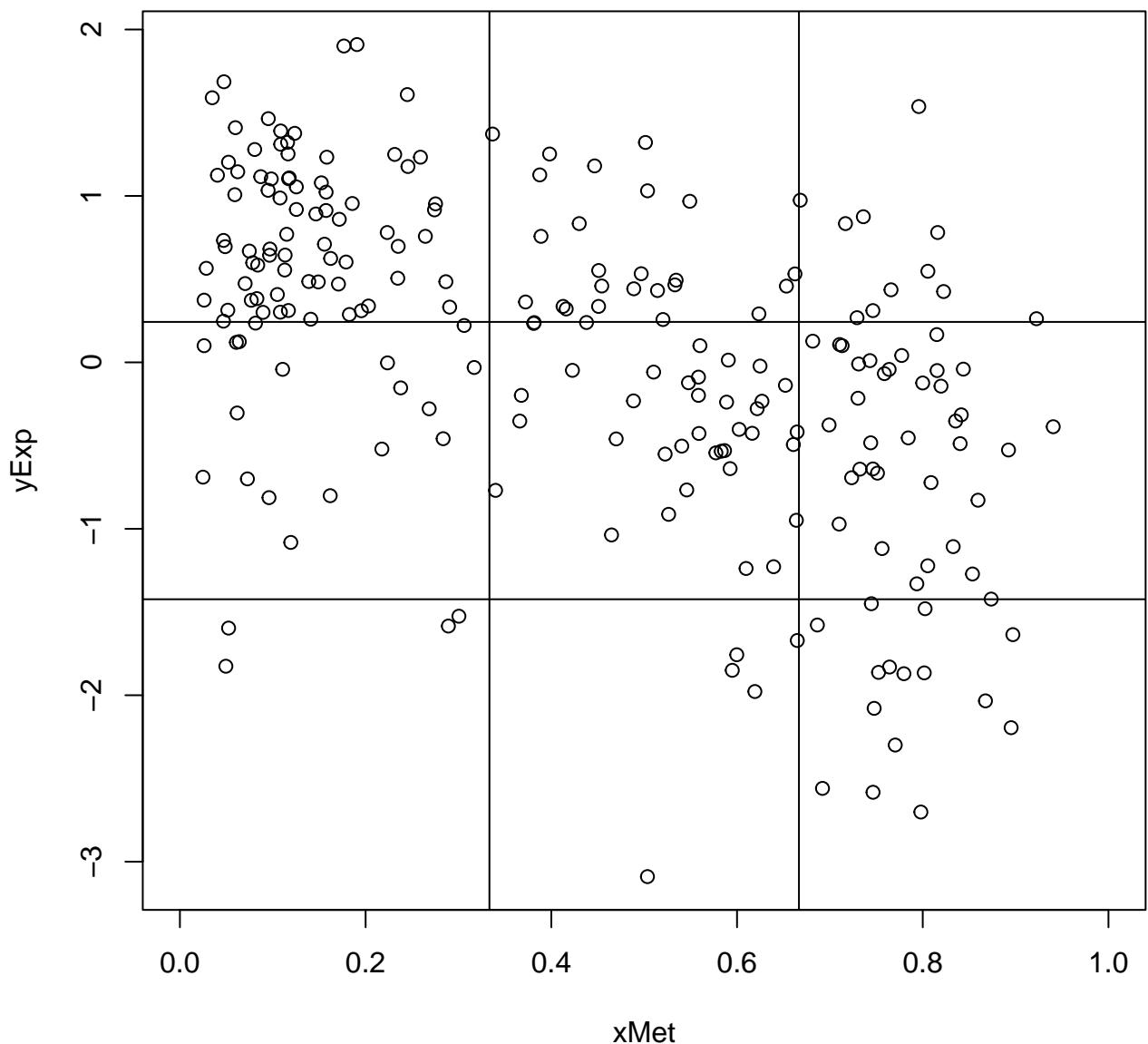
TMEM130, 41



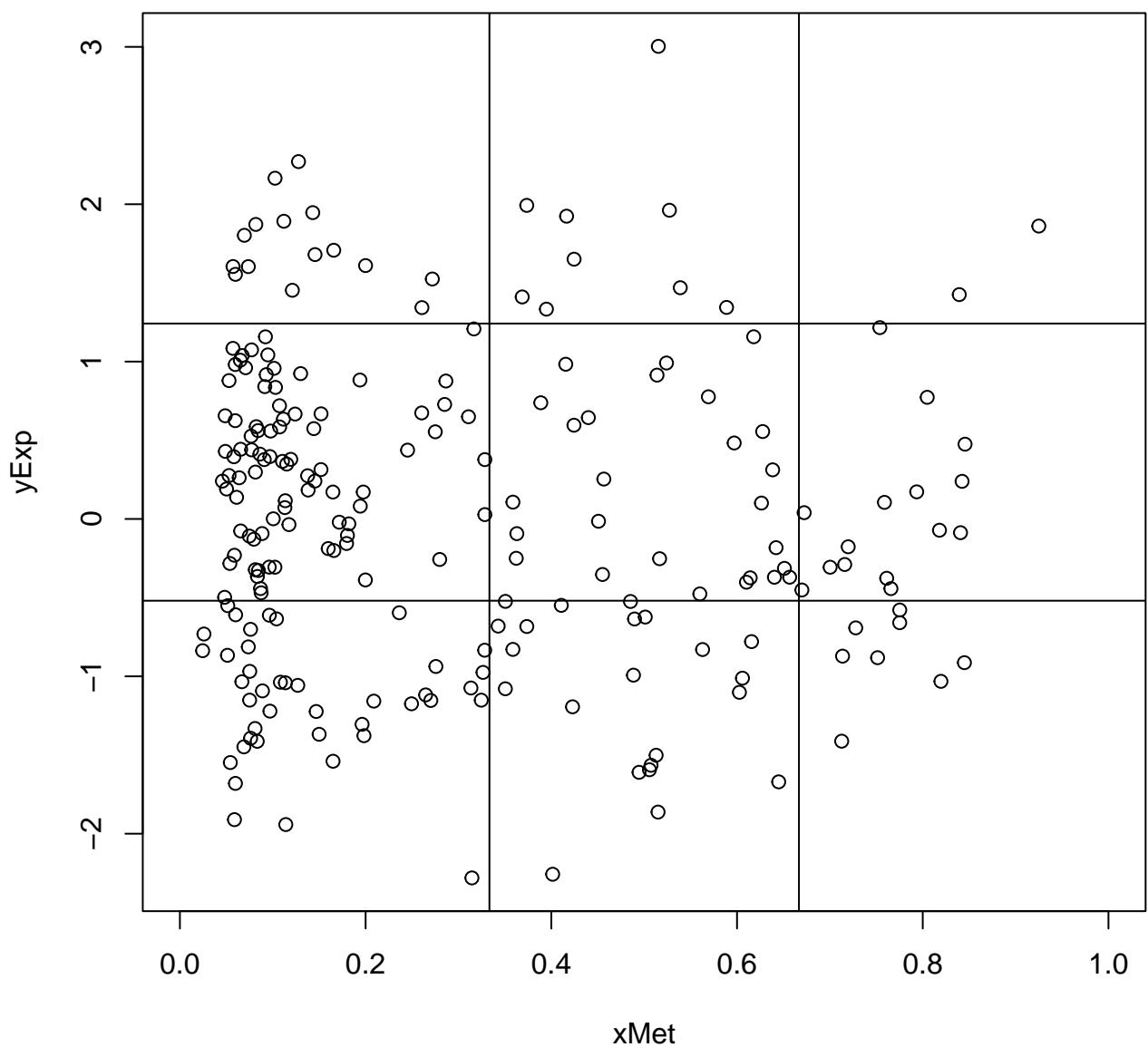
TMEM163, 110.8



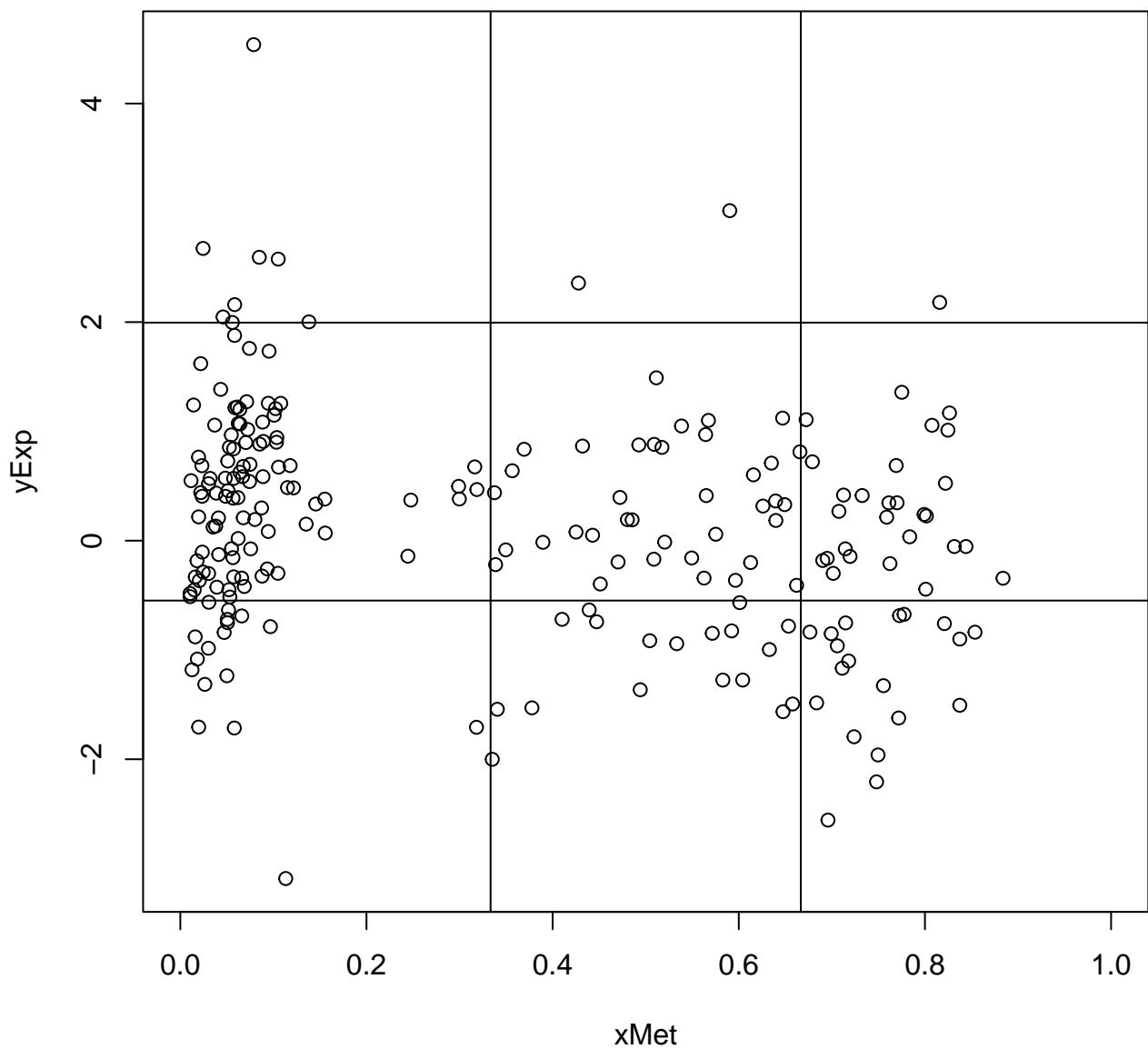
TMEM171, -403.6



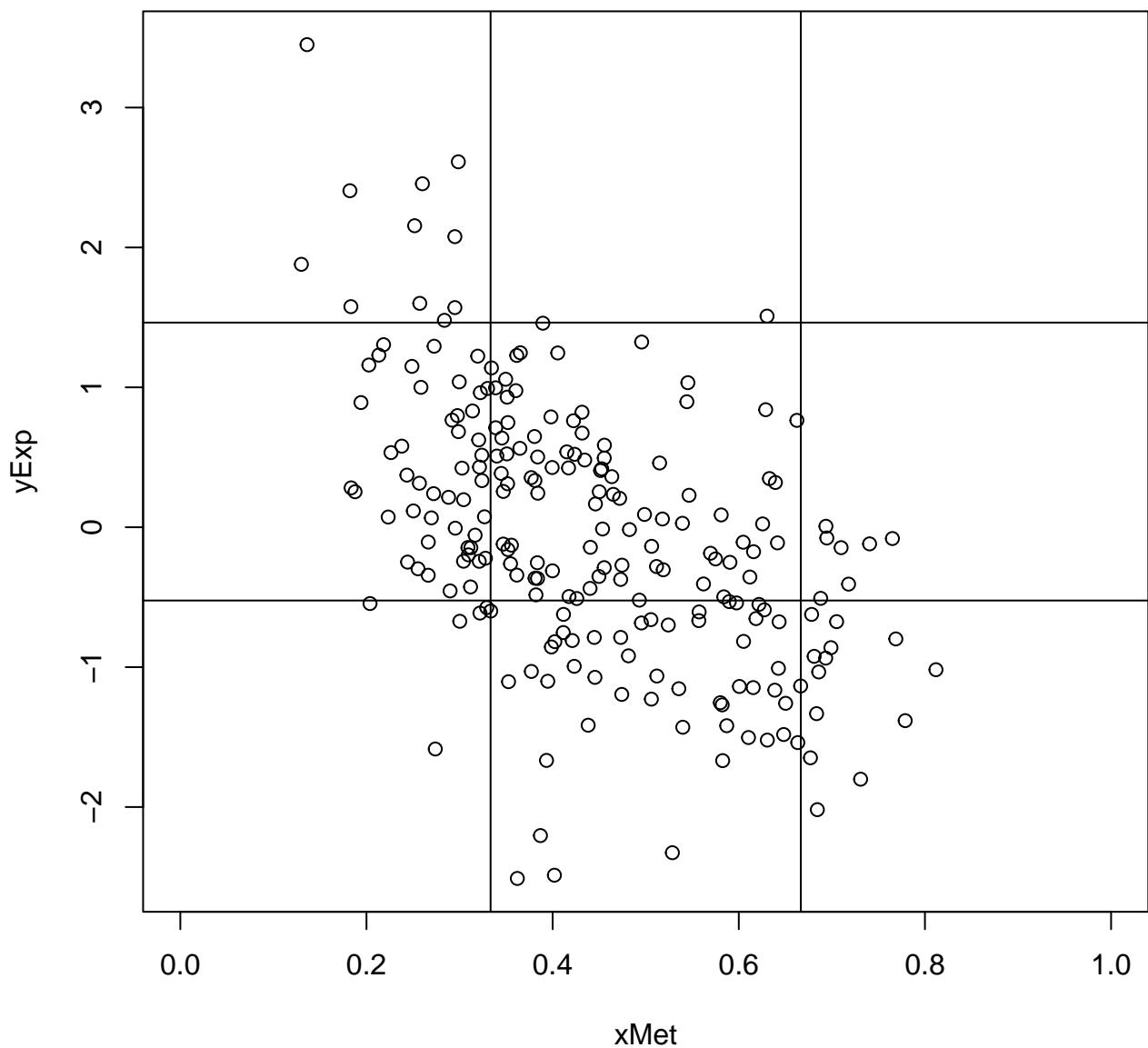
TMEM59L, 56.8



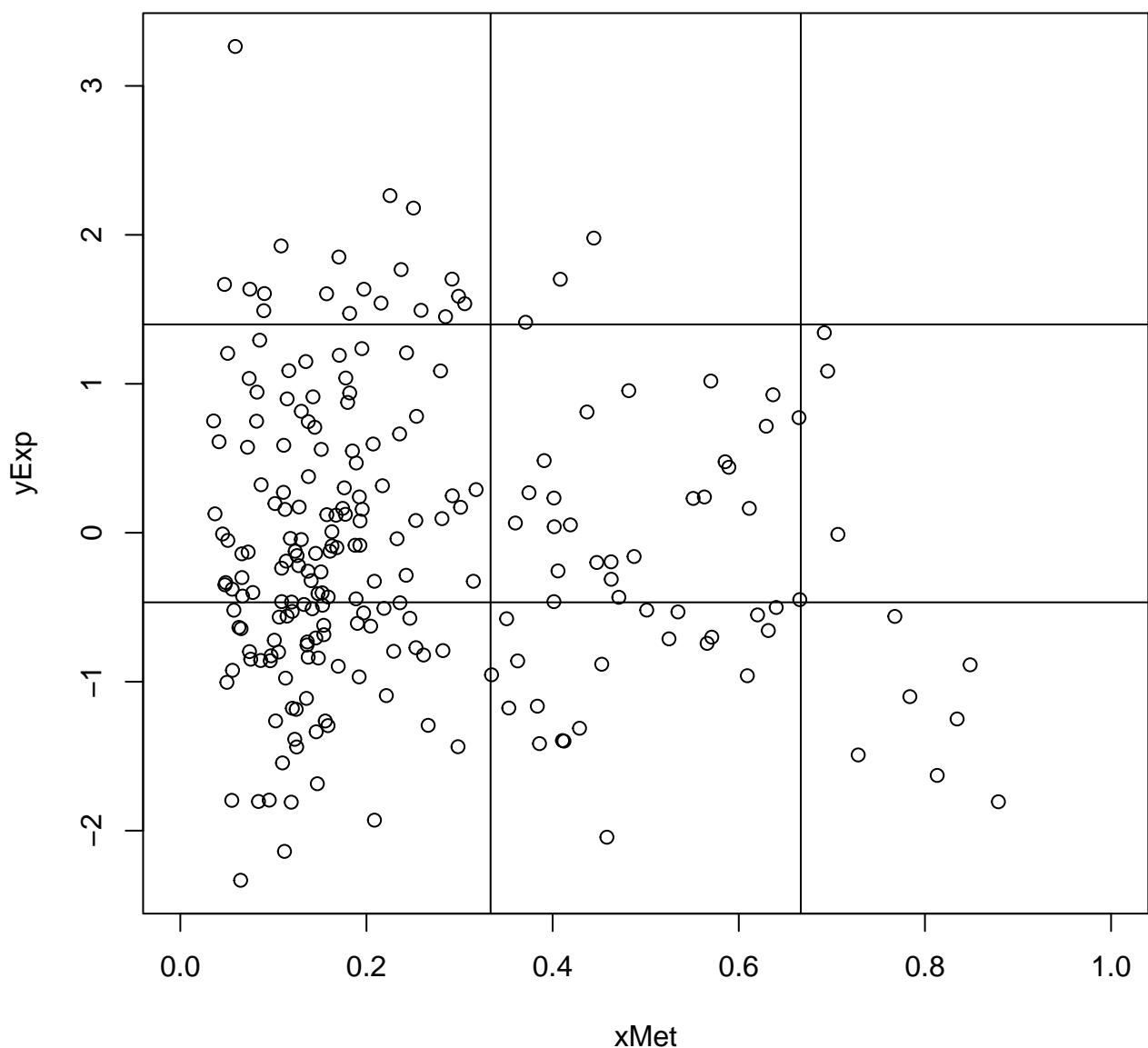
TMEM74, 79.4



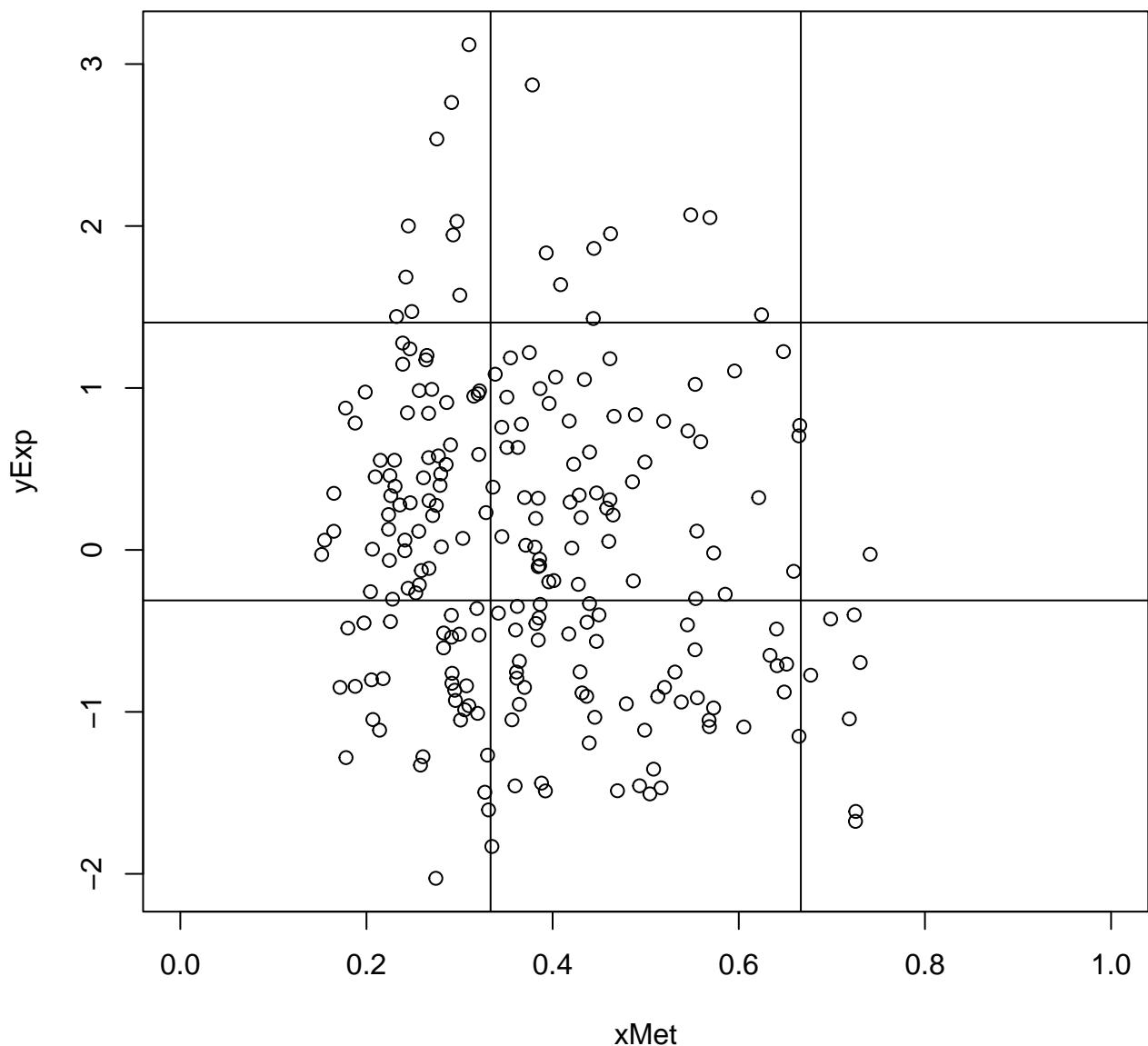
TMRSS3, 135



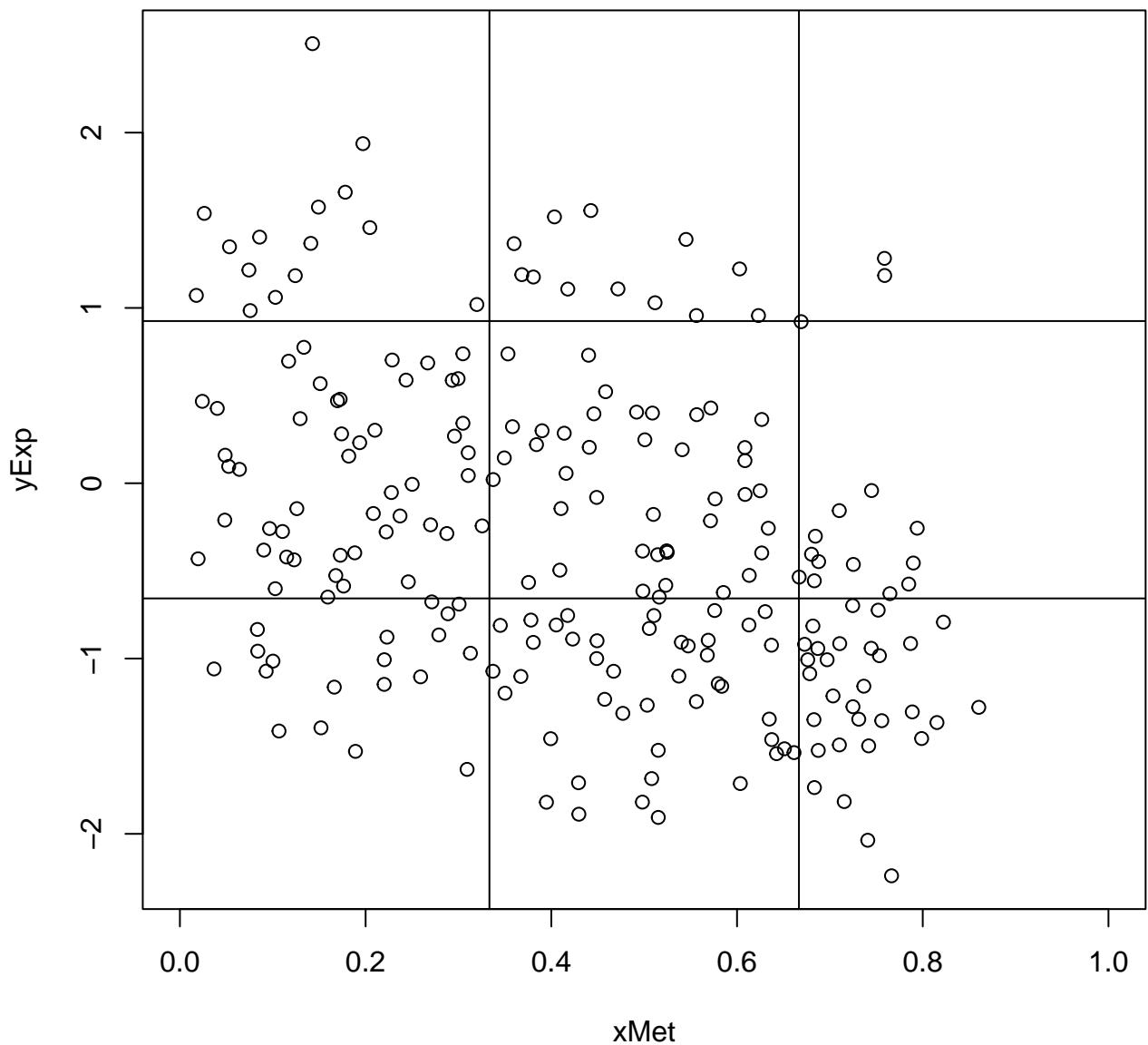
TNC, 206



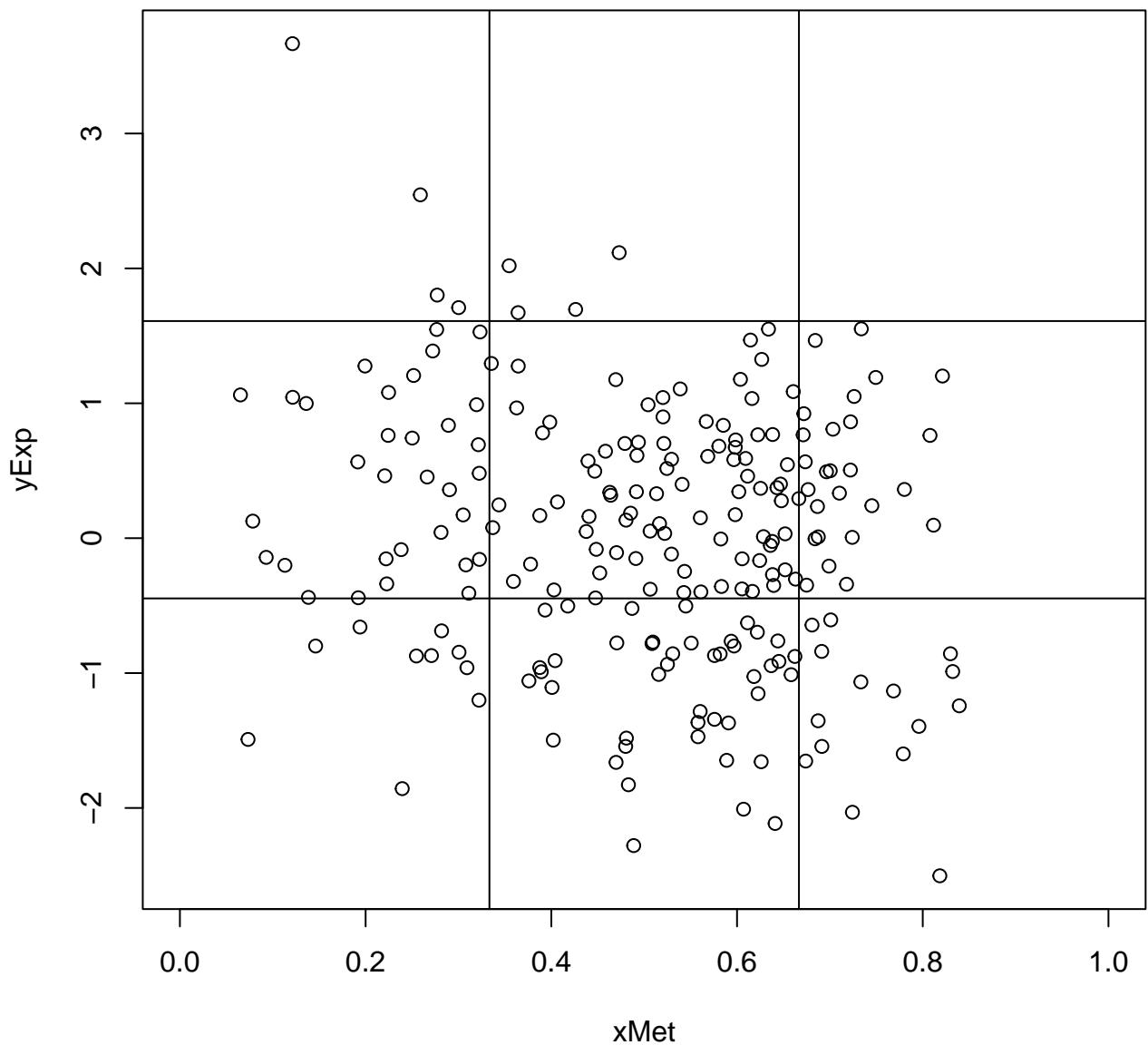
TNF, 153



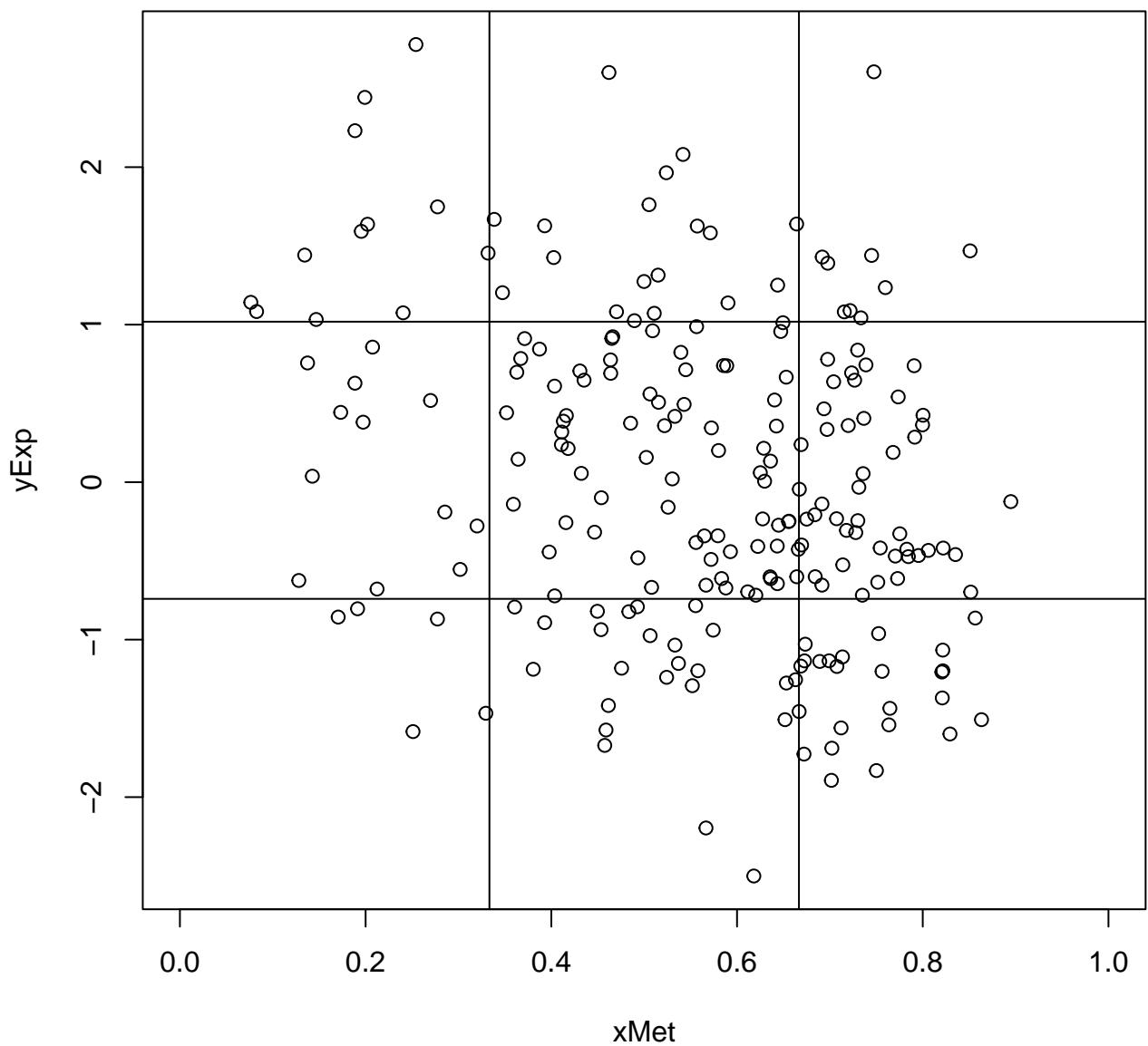
TNFRSF10C, 60.8



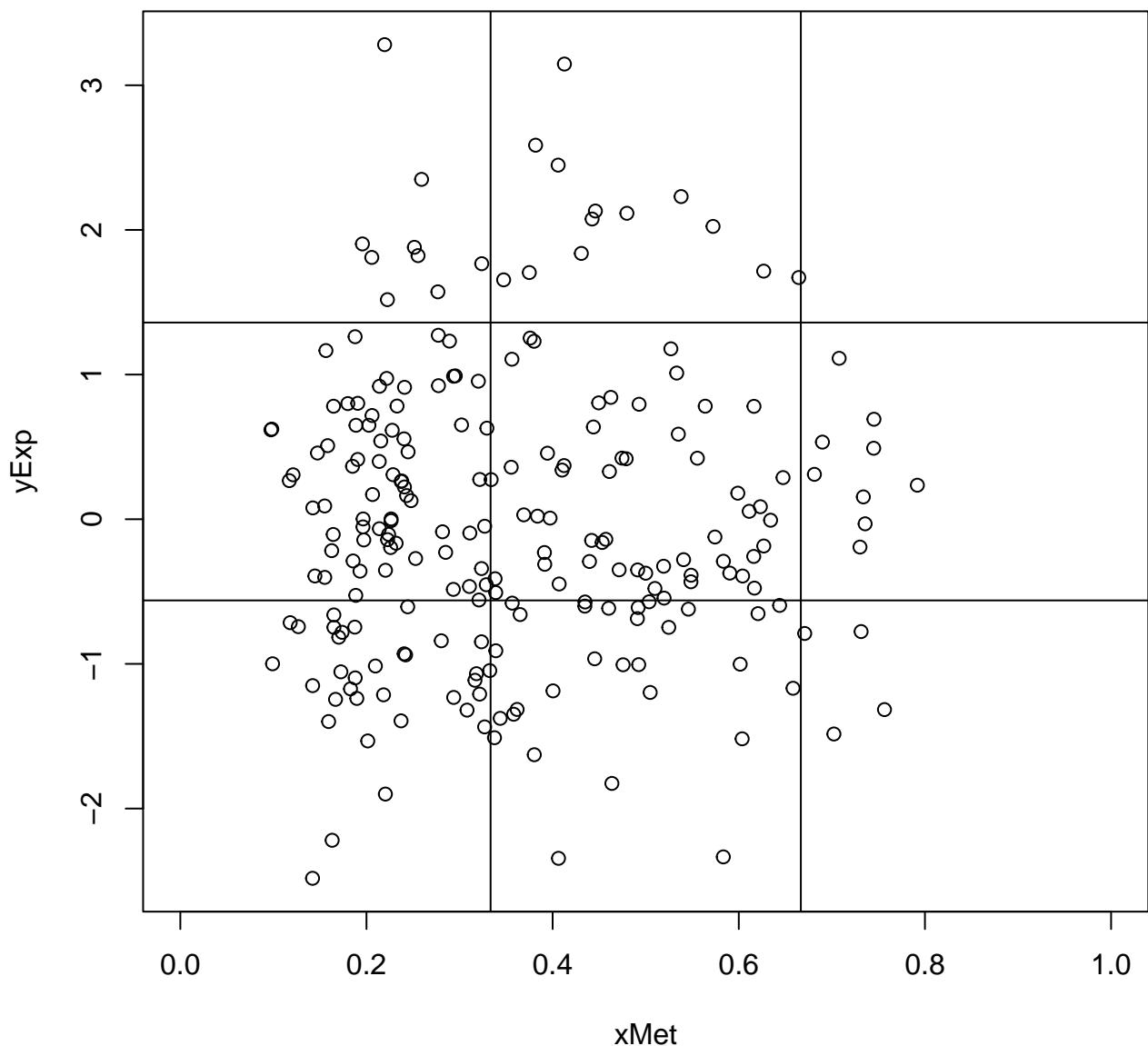
TNFSF4, 64



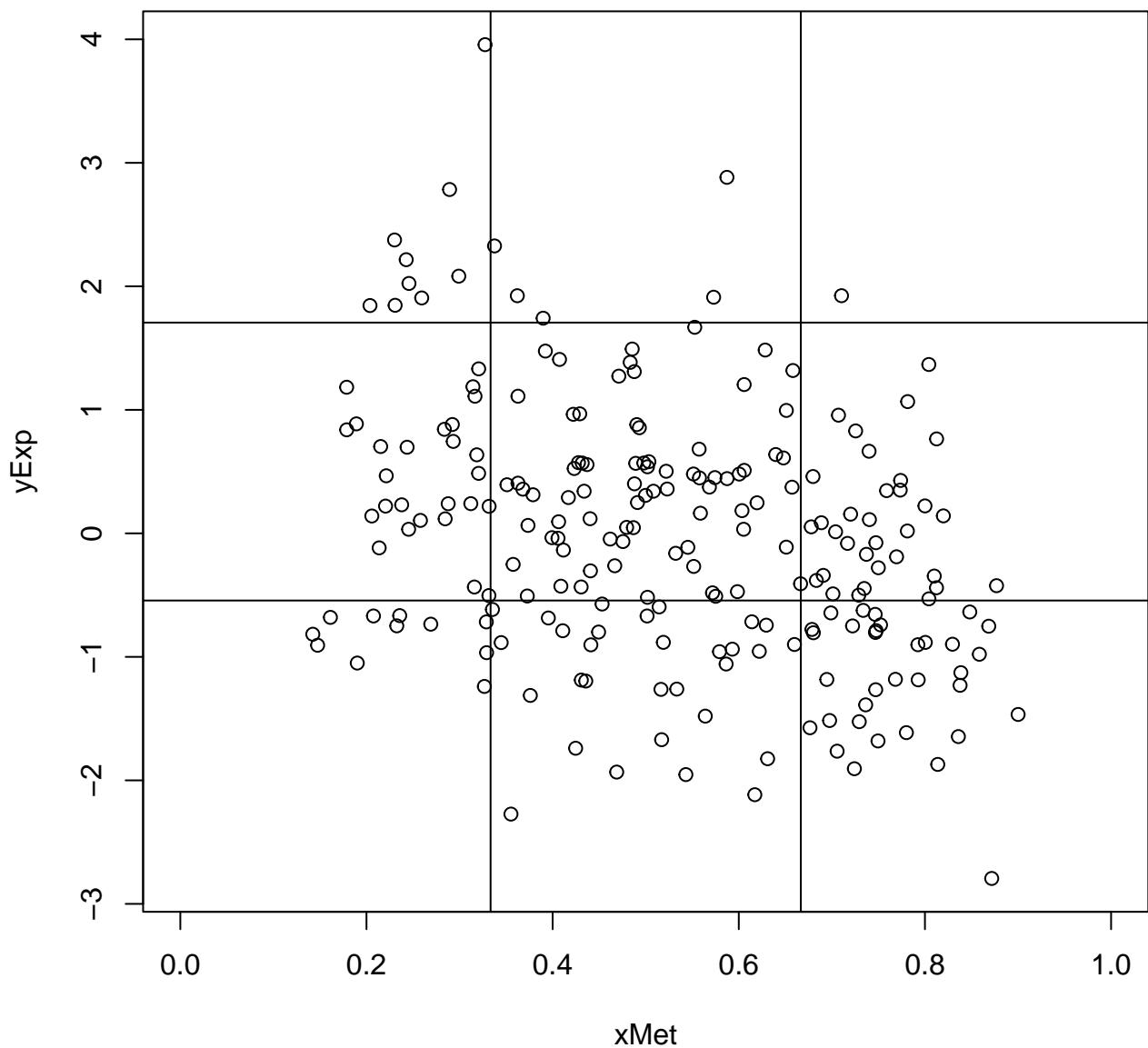
TNNI3, -414.4



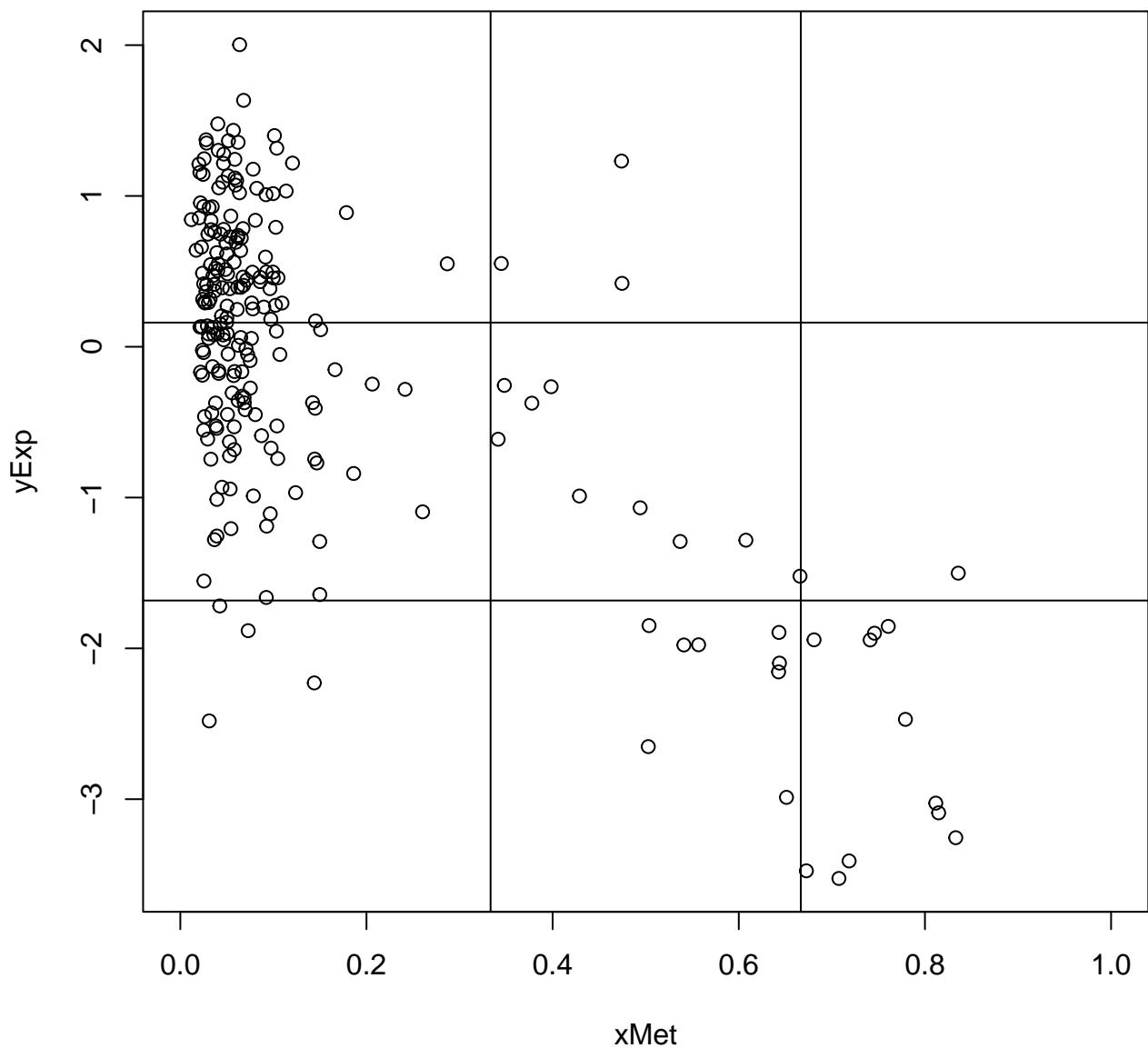
TNS1, 116



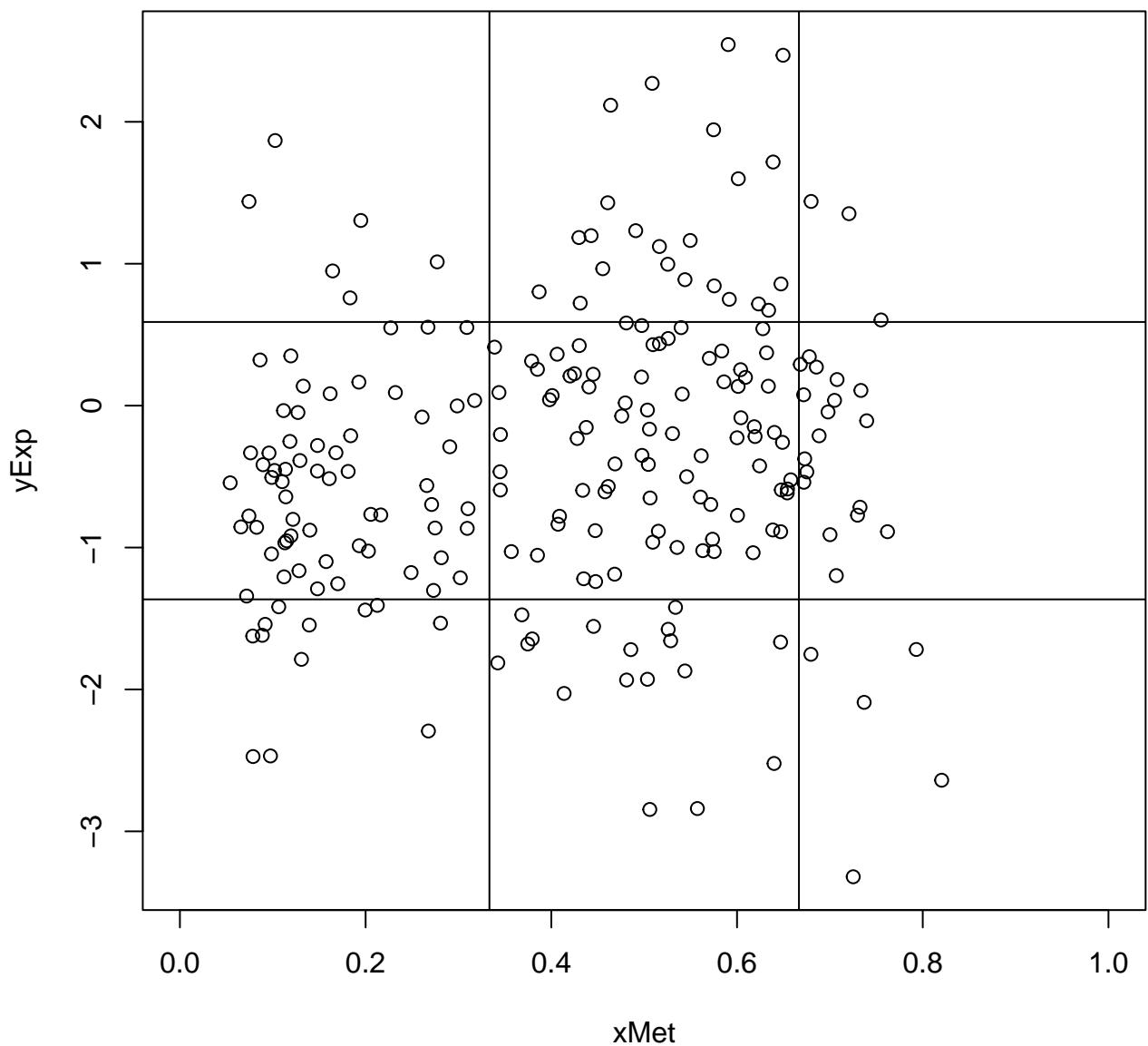
TOB1, 32.4



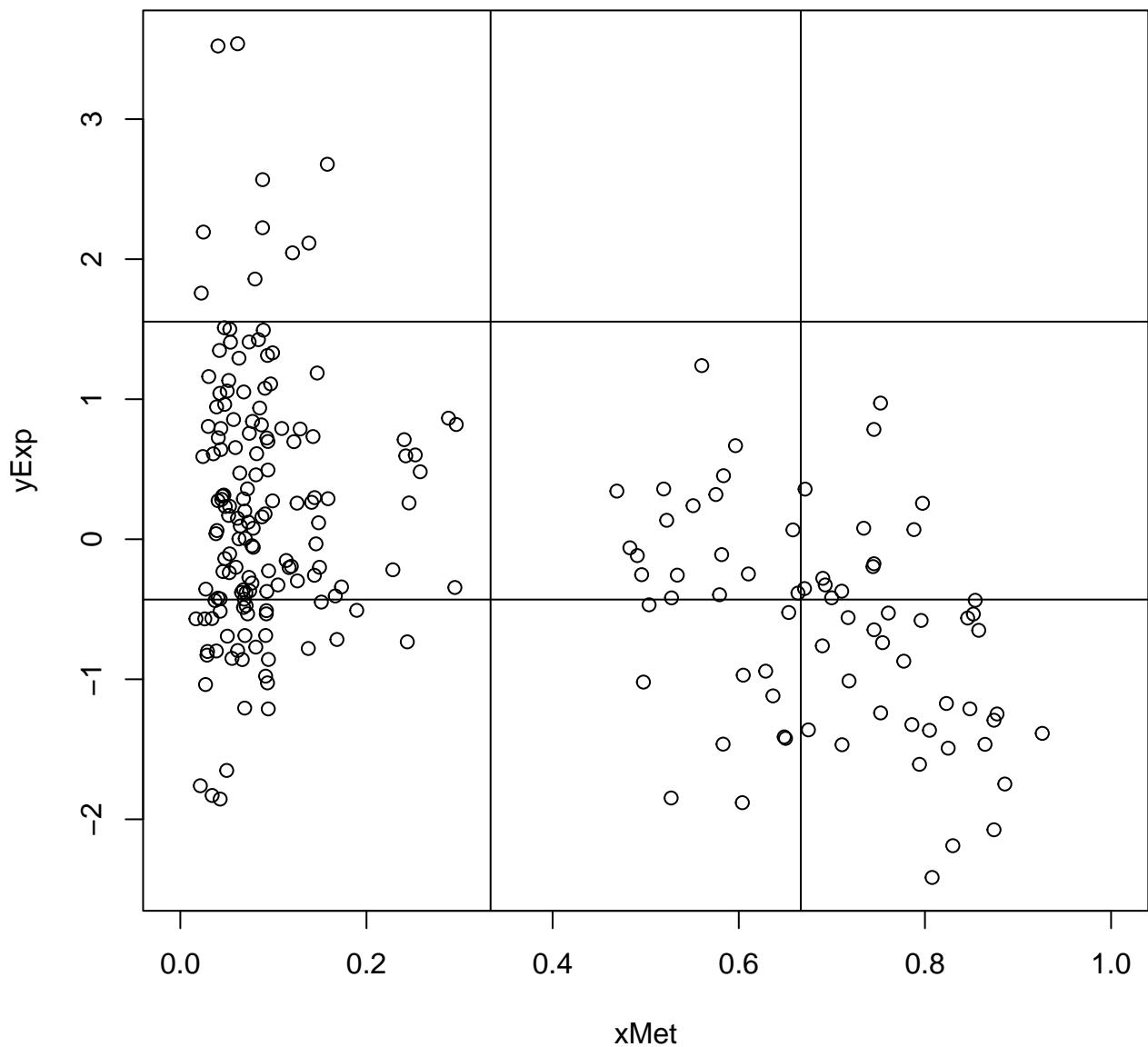
TOR4A, 320



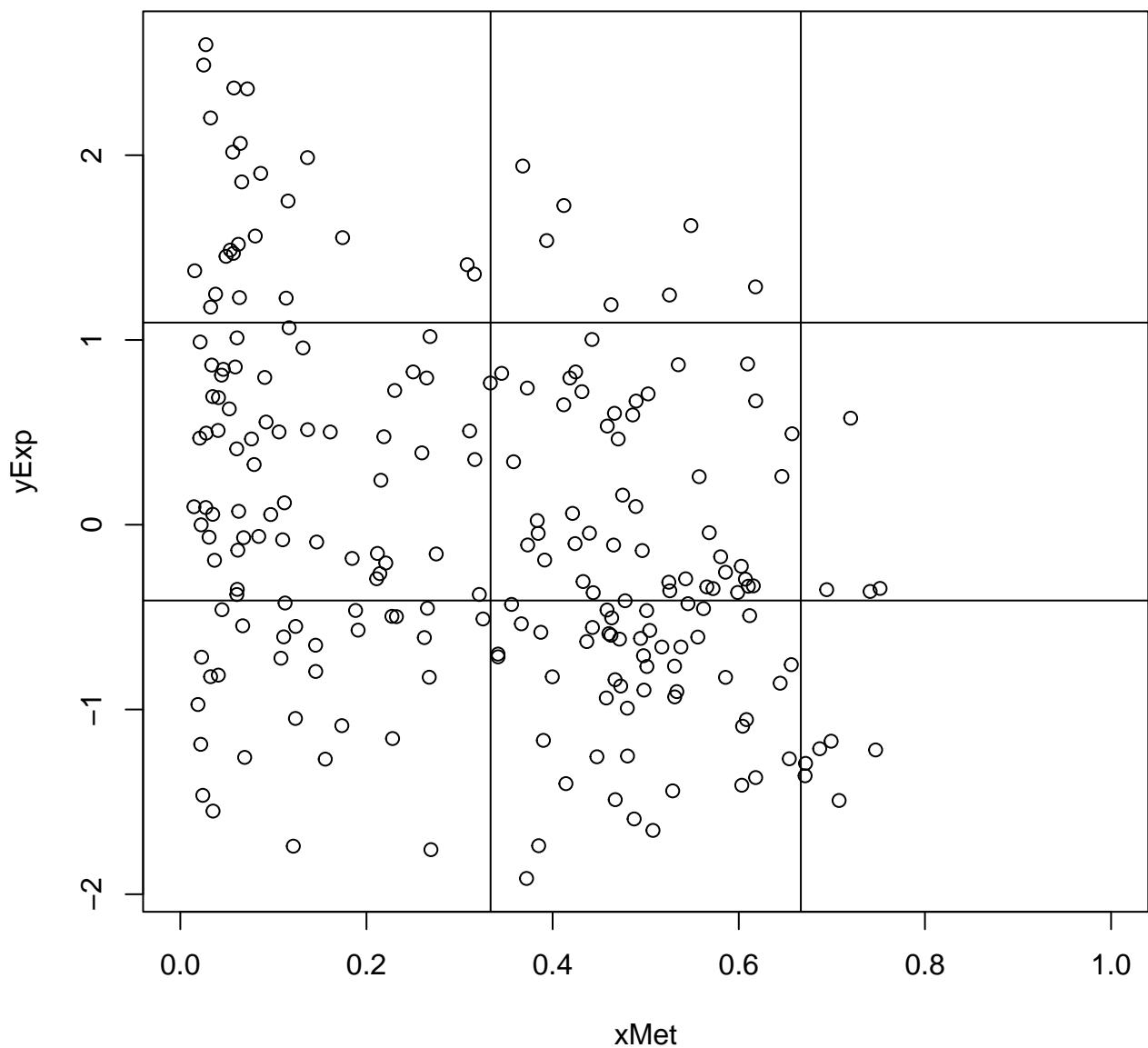
TOX2, -104.8



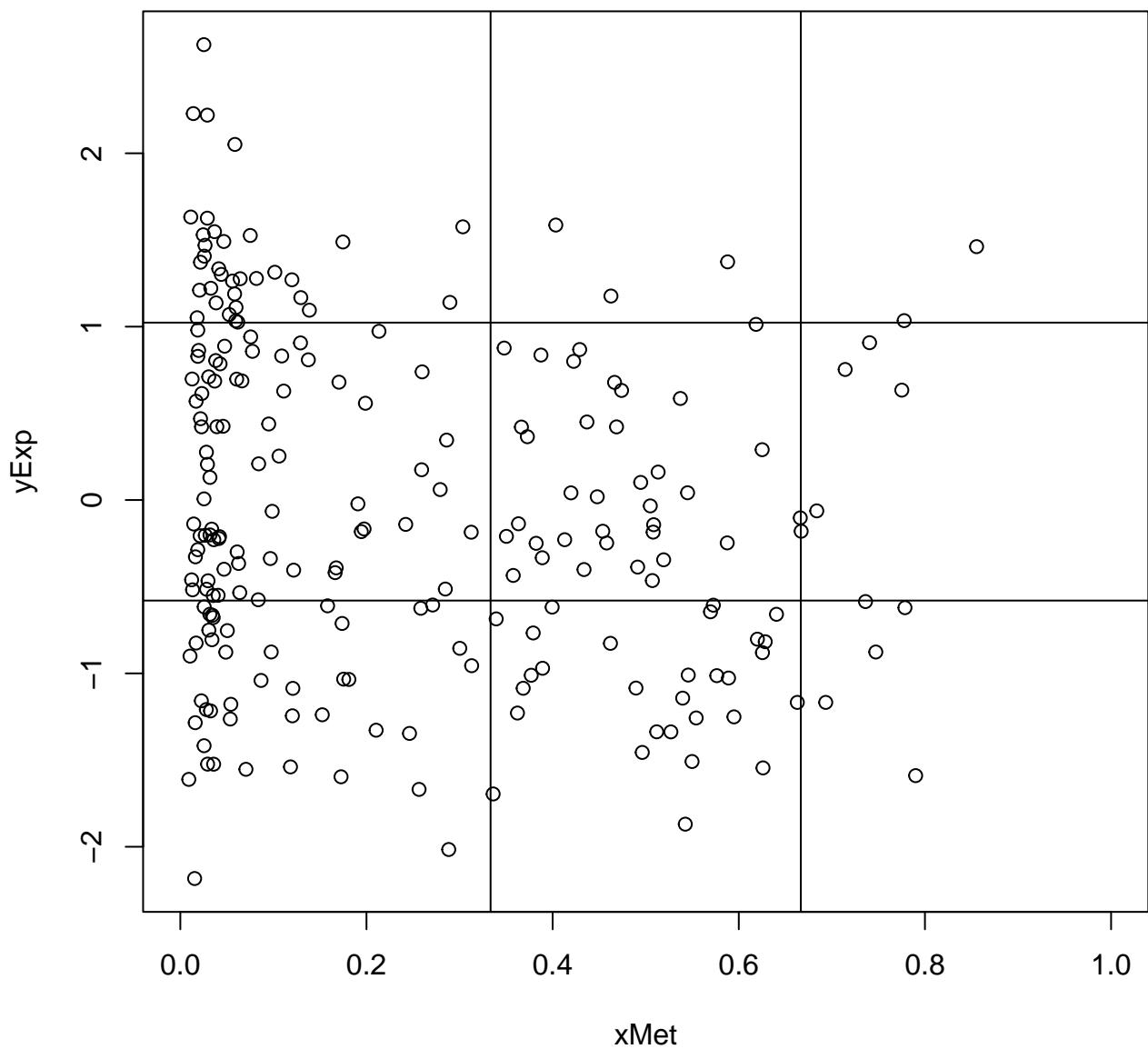
TRAM1L1, 205



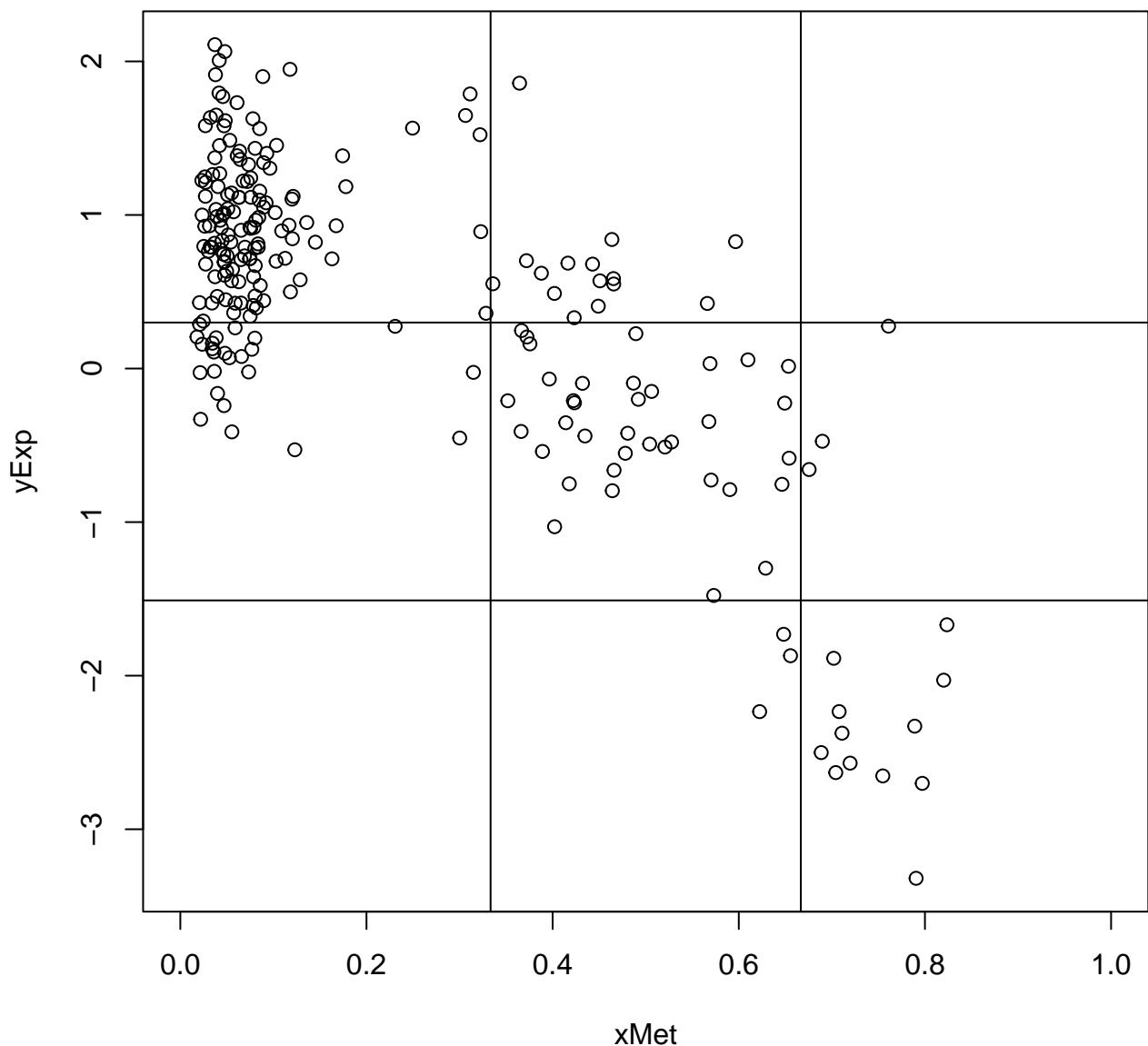
TRIM58, 174



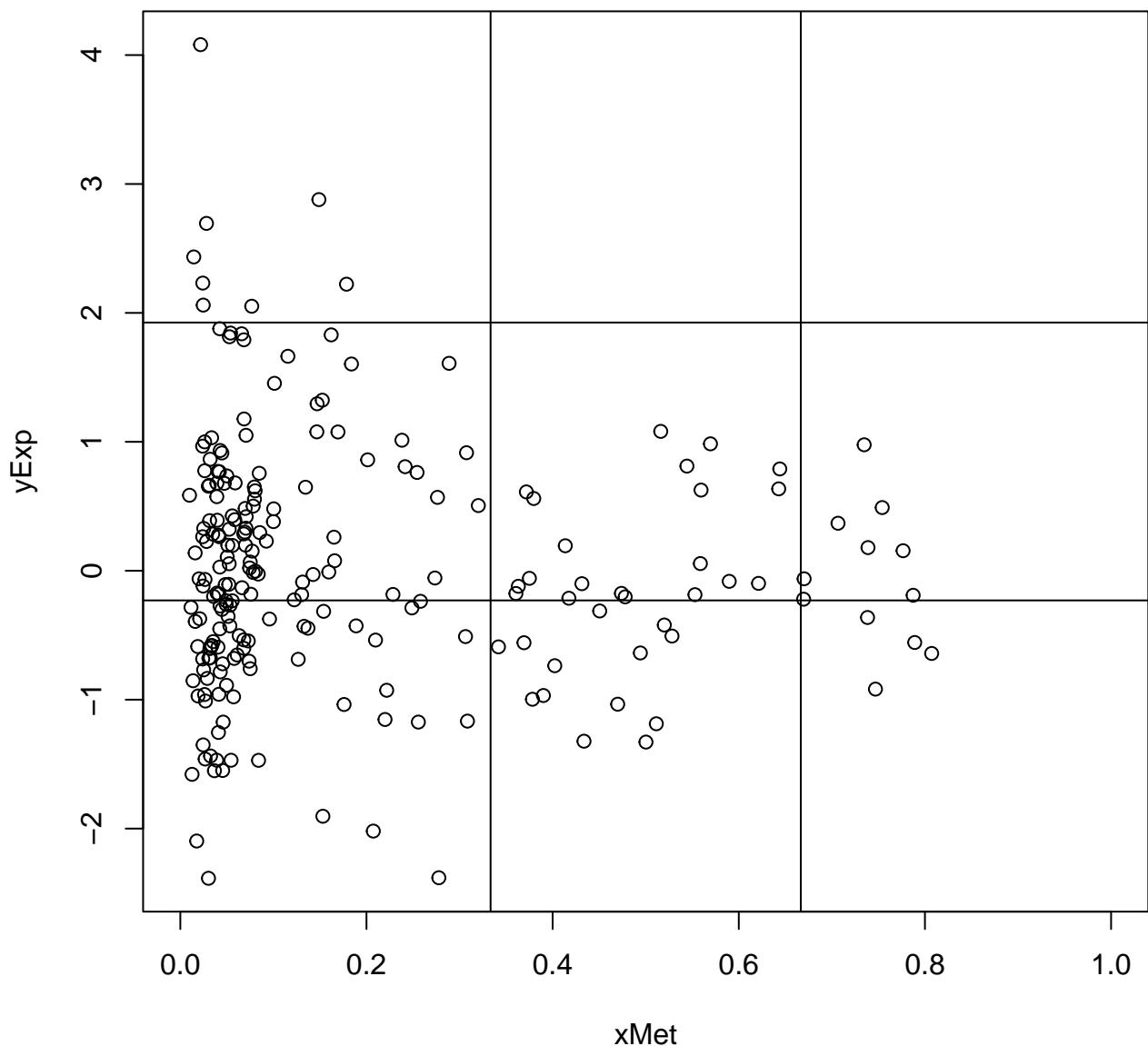
TRIM9, 111.8



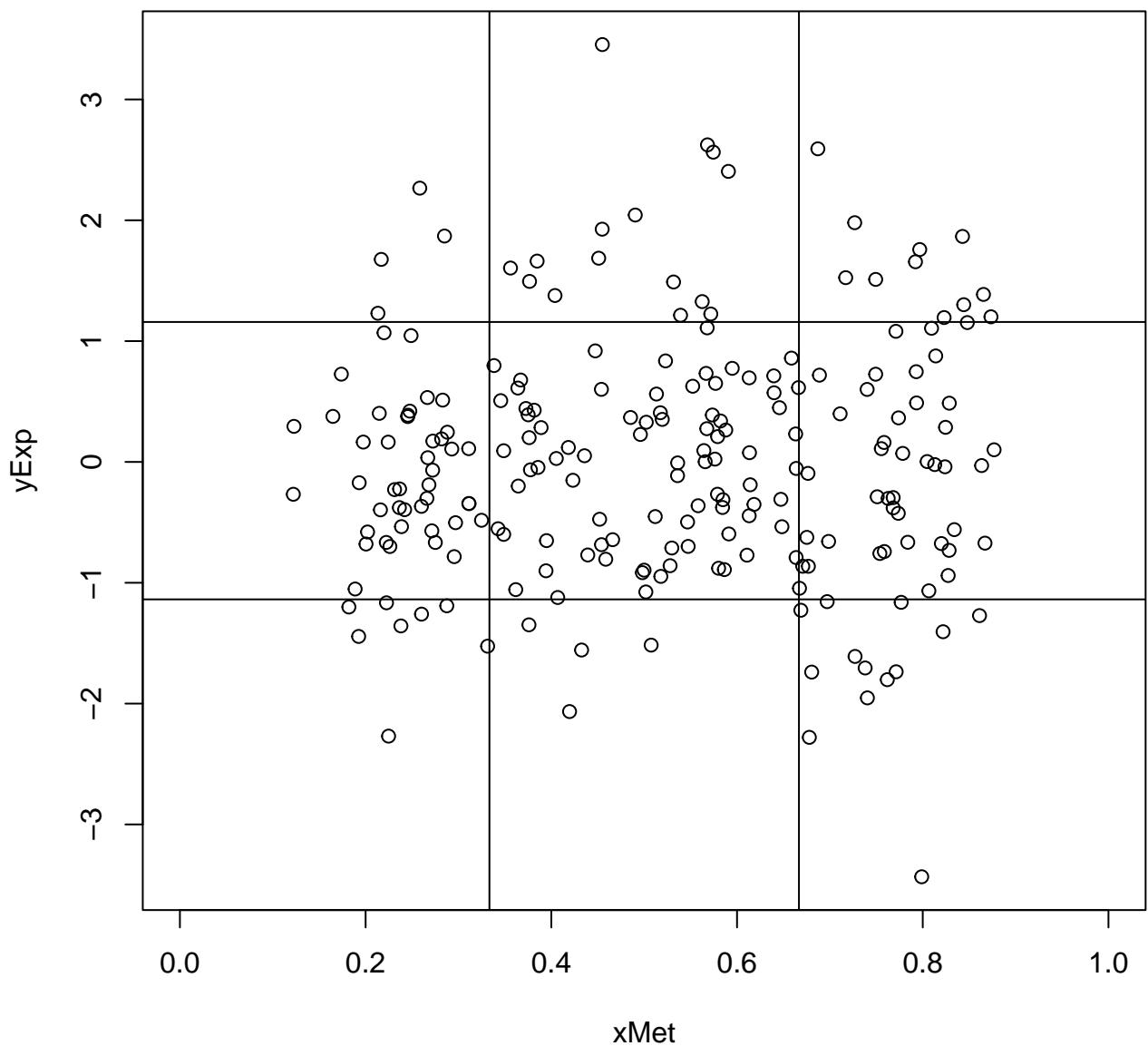
TRMT12, 275



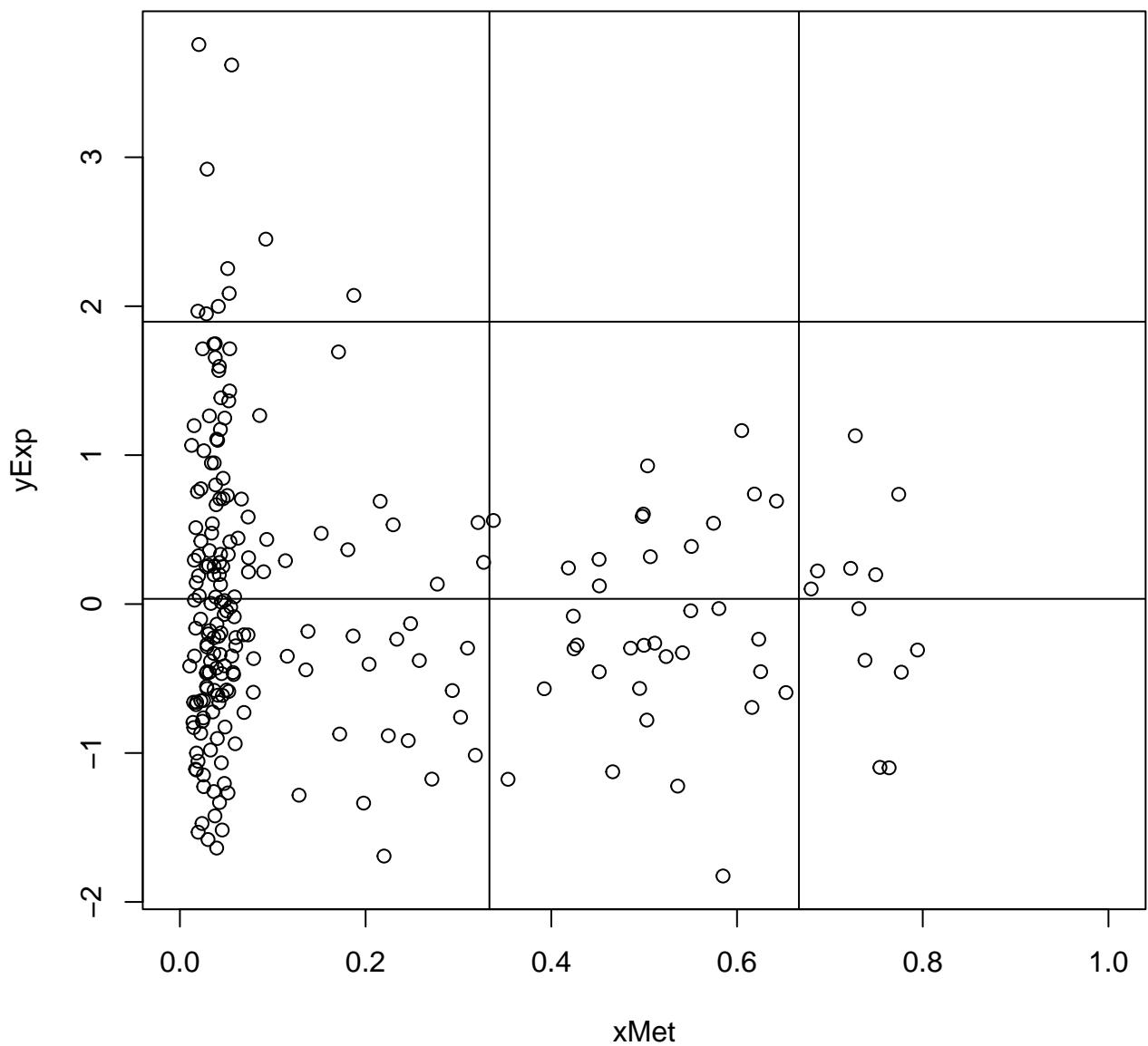
TRPS1, 191



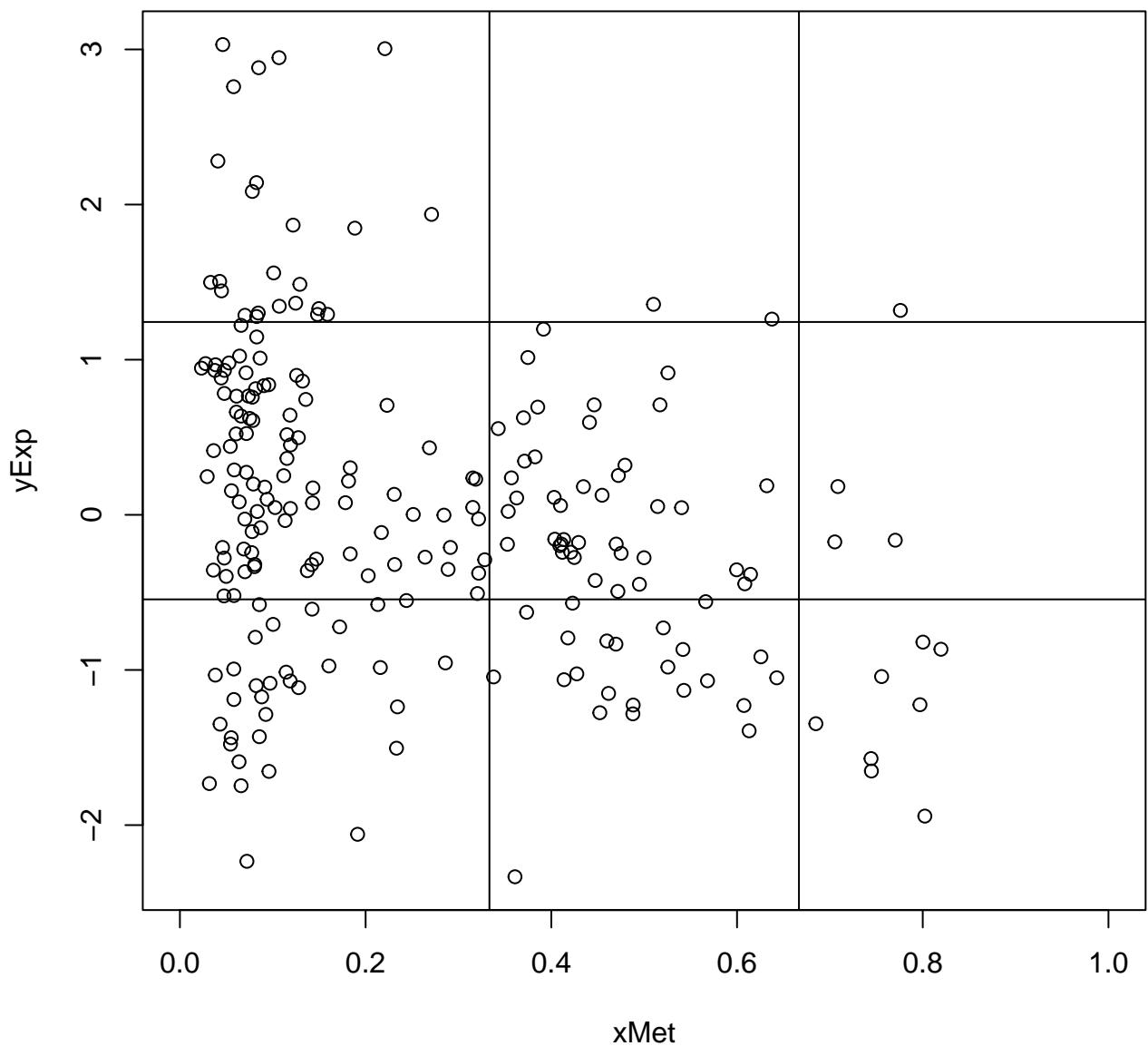
TTLL7, -513.6



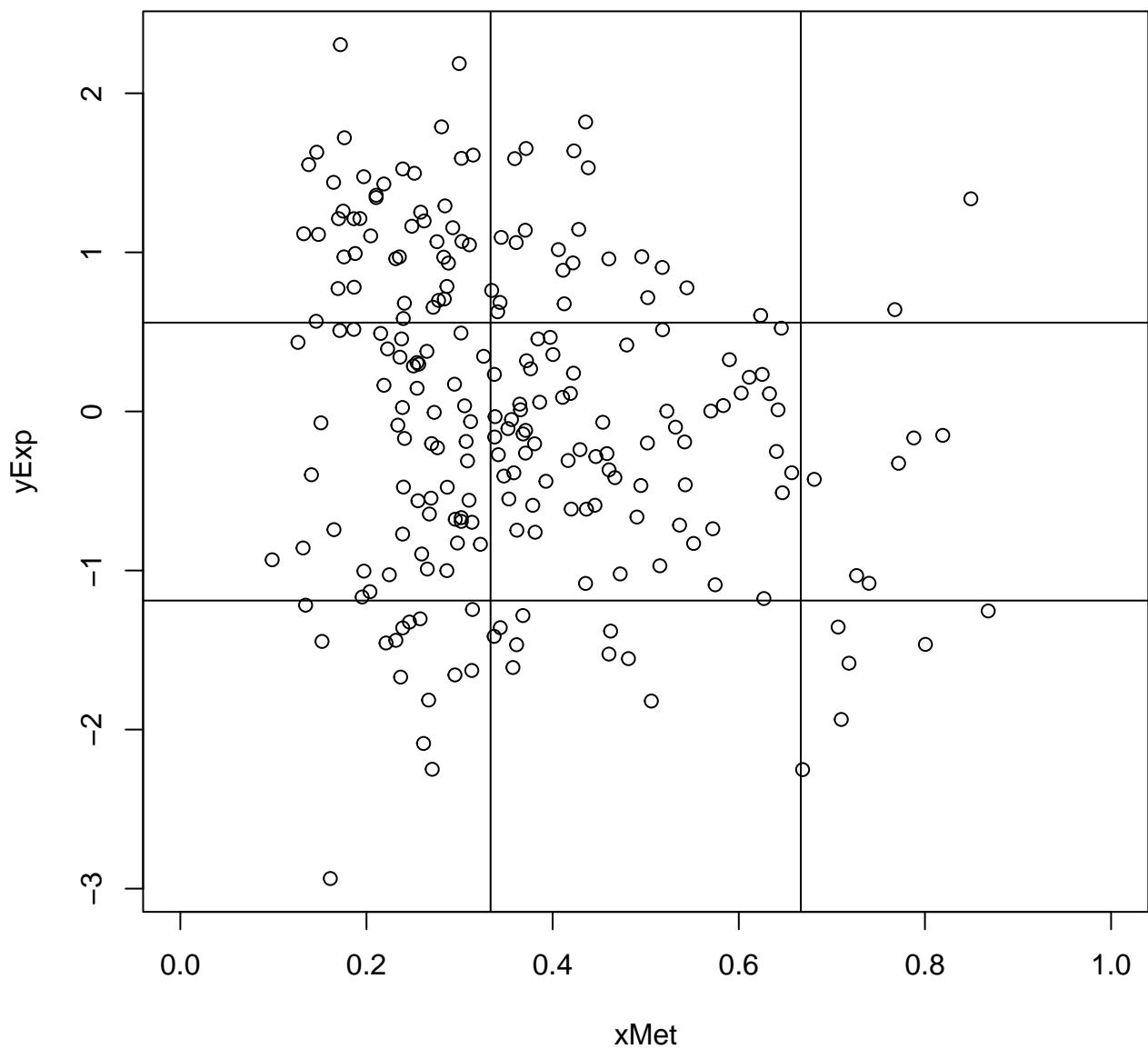
TUBB2B, 208



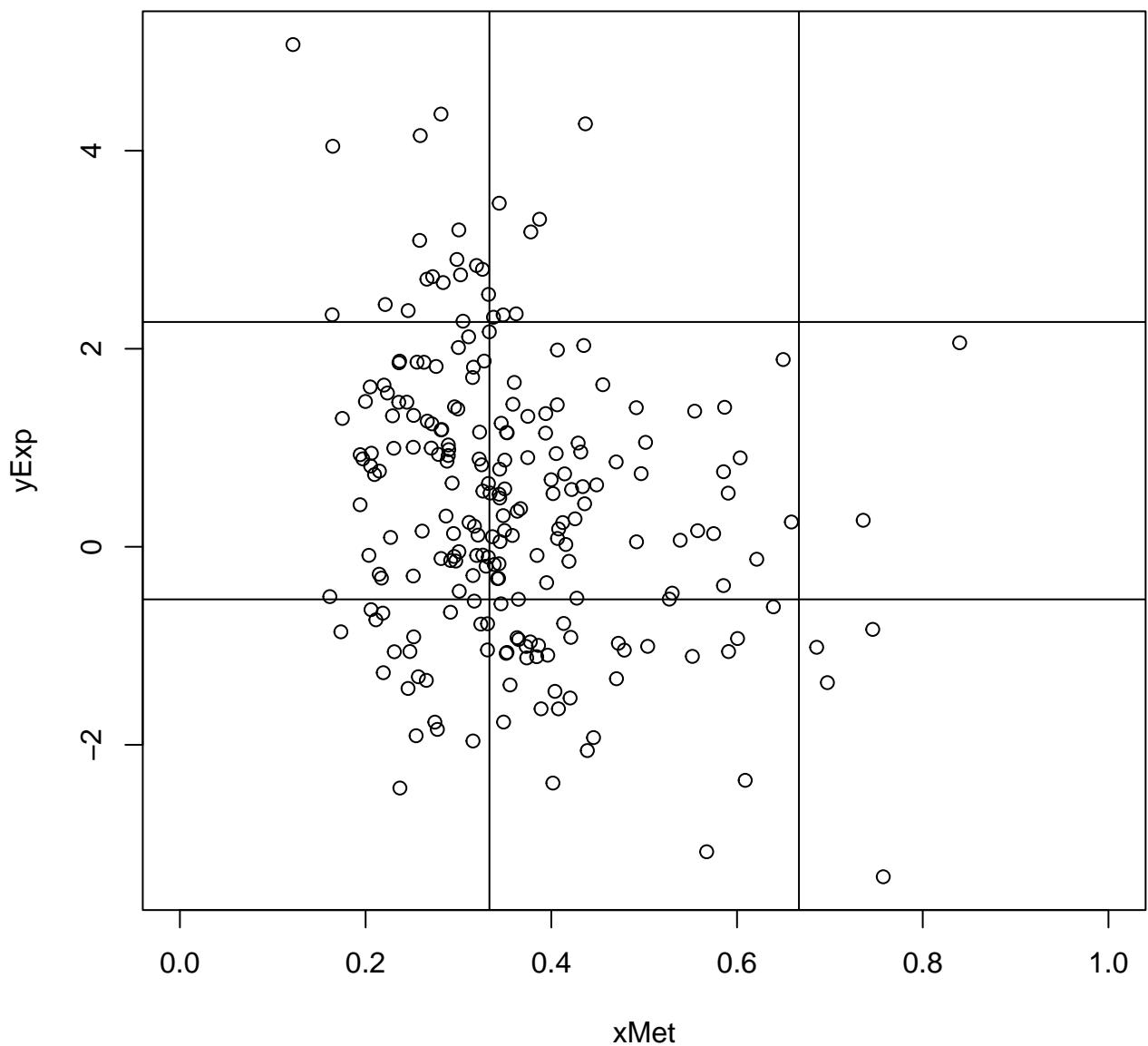
UAP1L1, 153.4



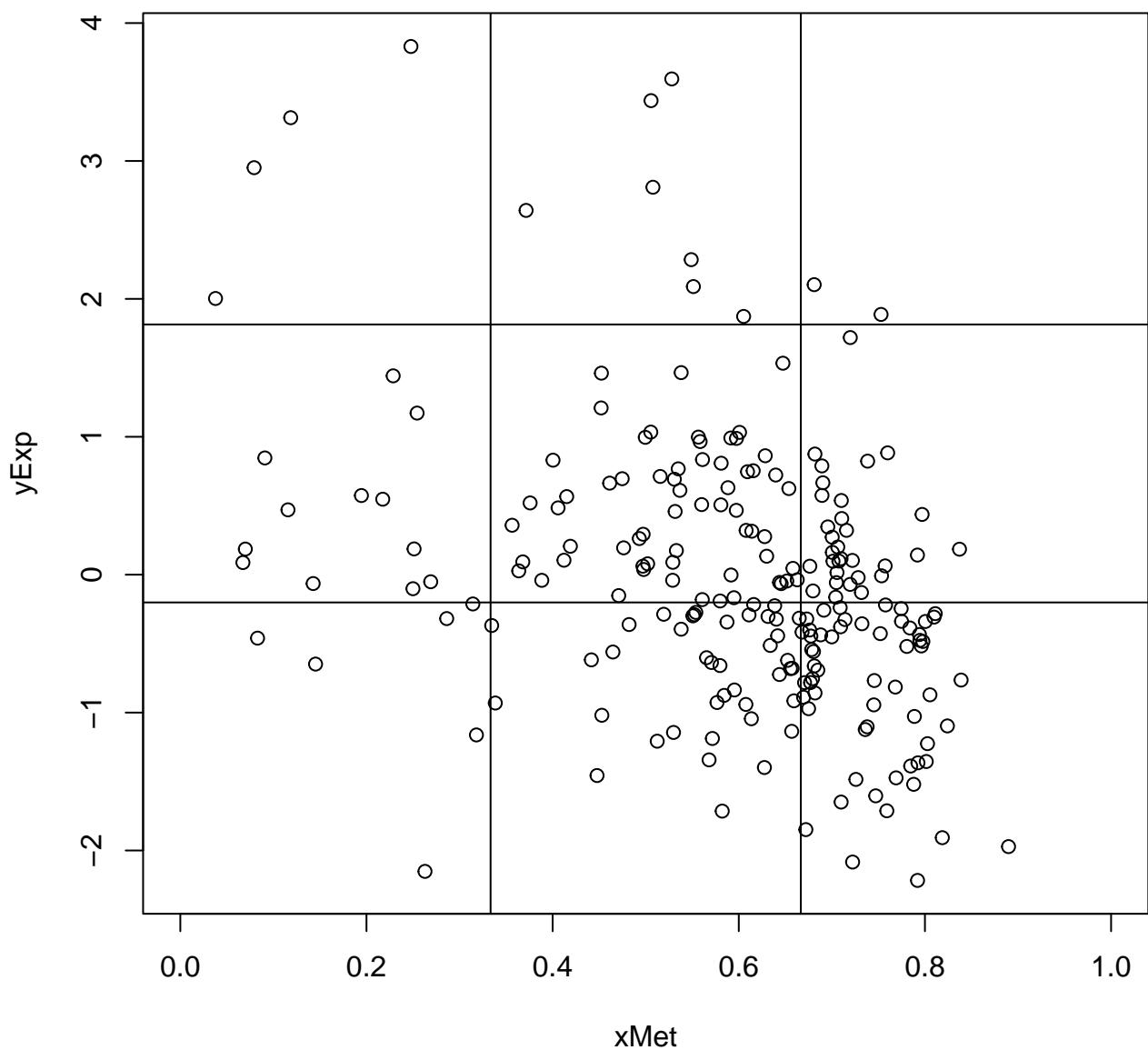
UBD, 31.8



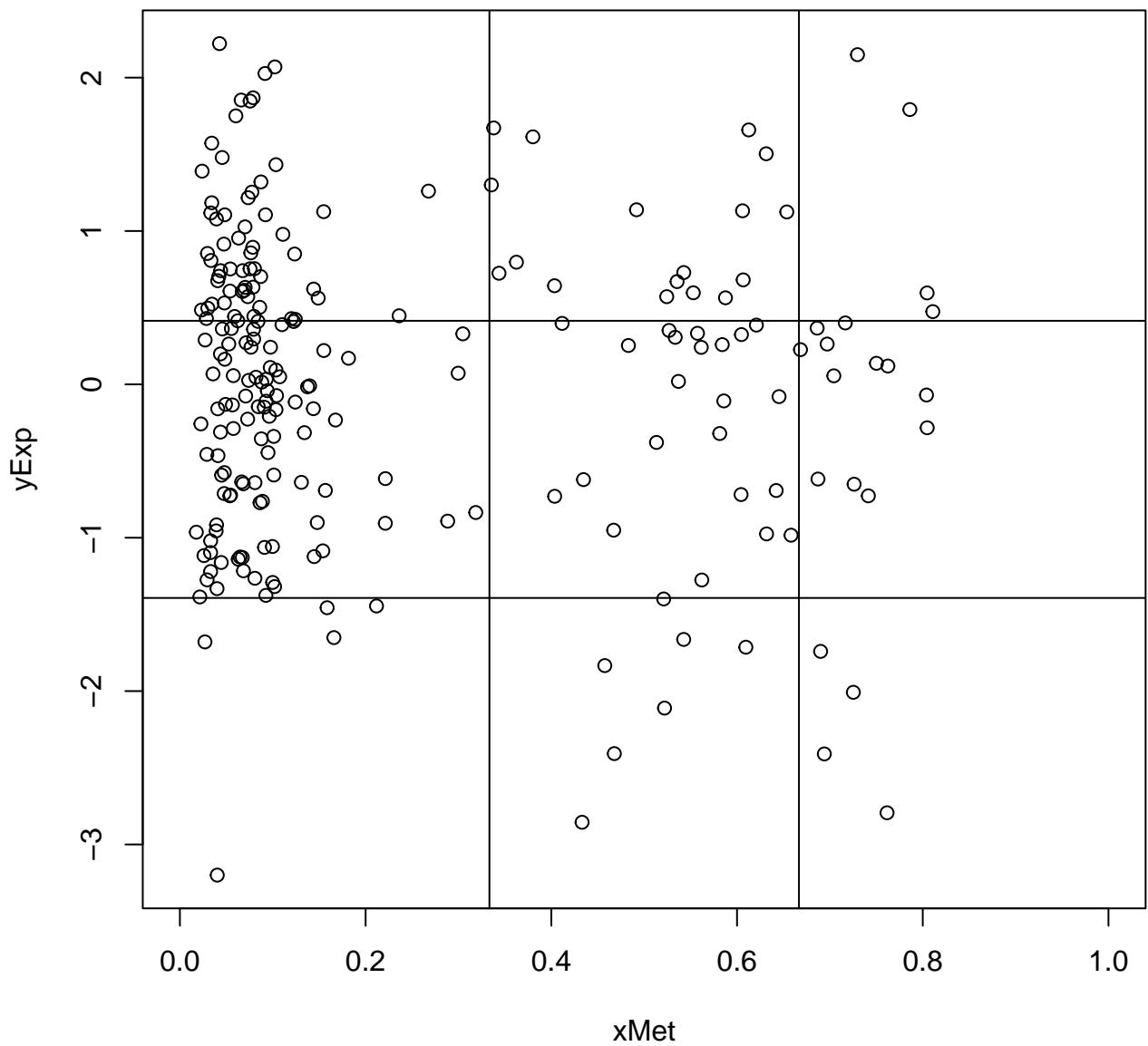
UBE2V2, 149



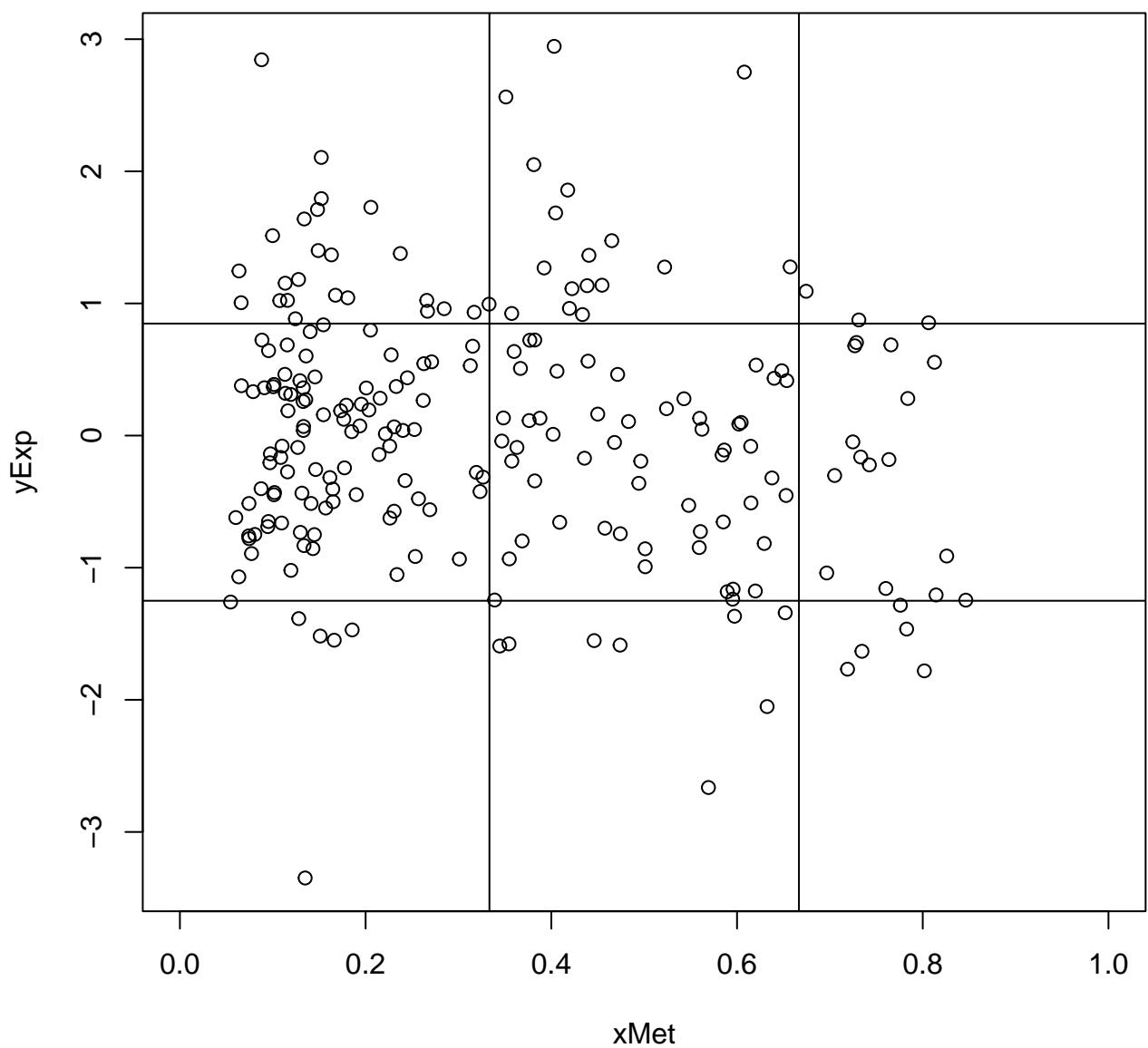
UCHL1, 17.8



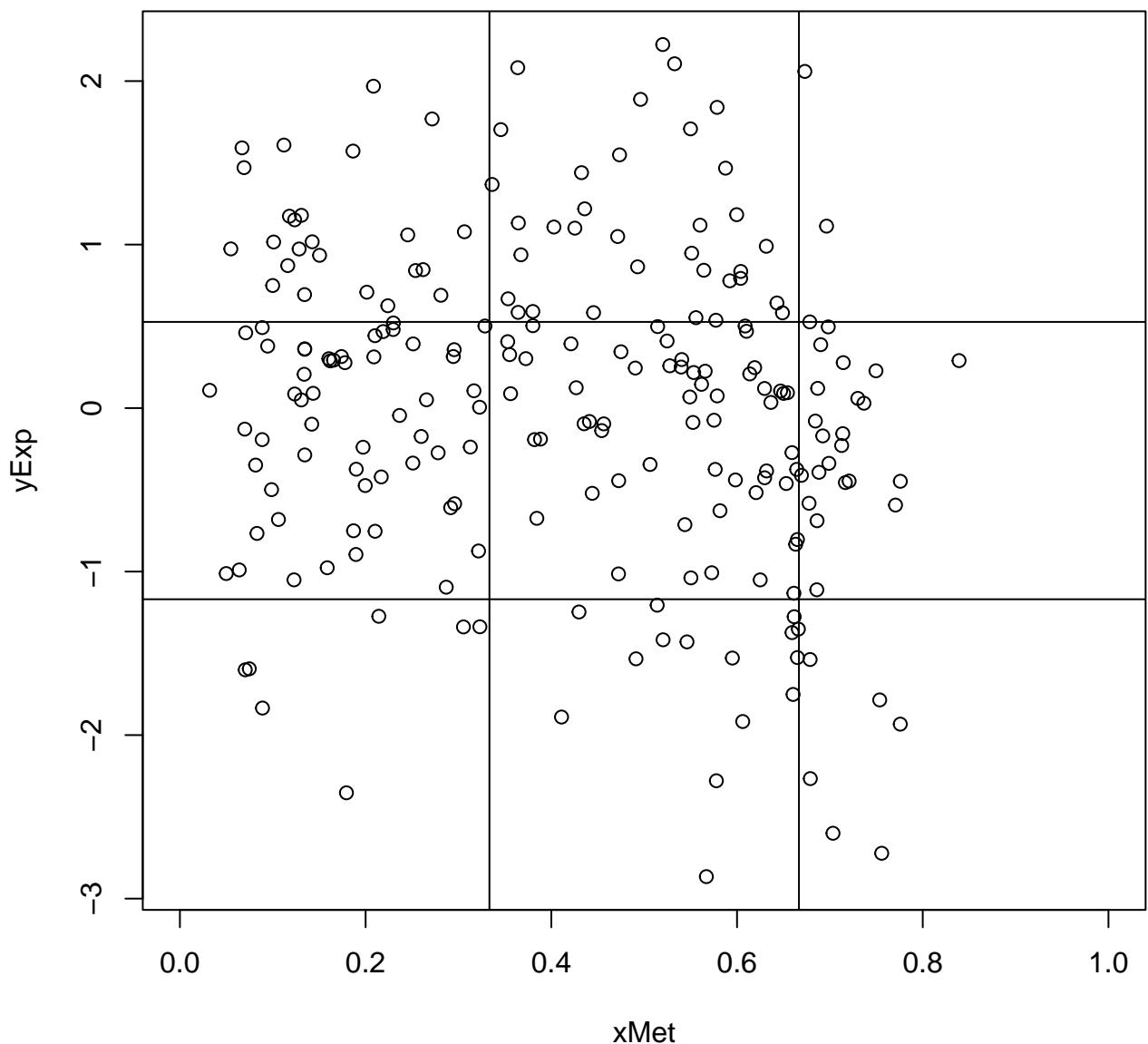
UCP1, -6.40000000000001



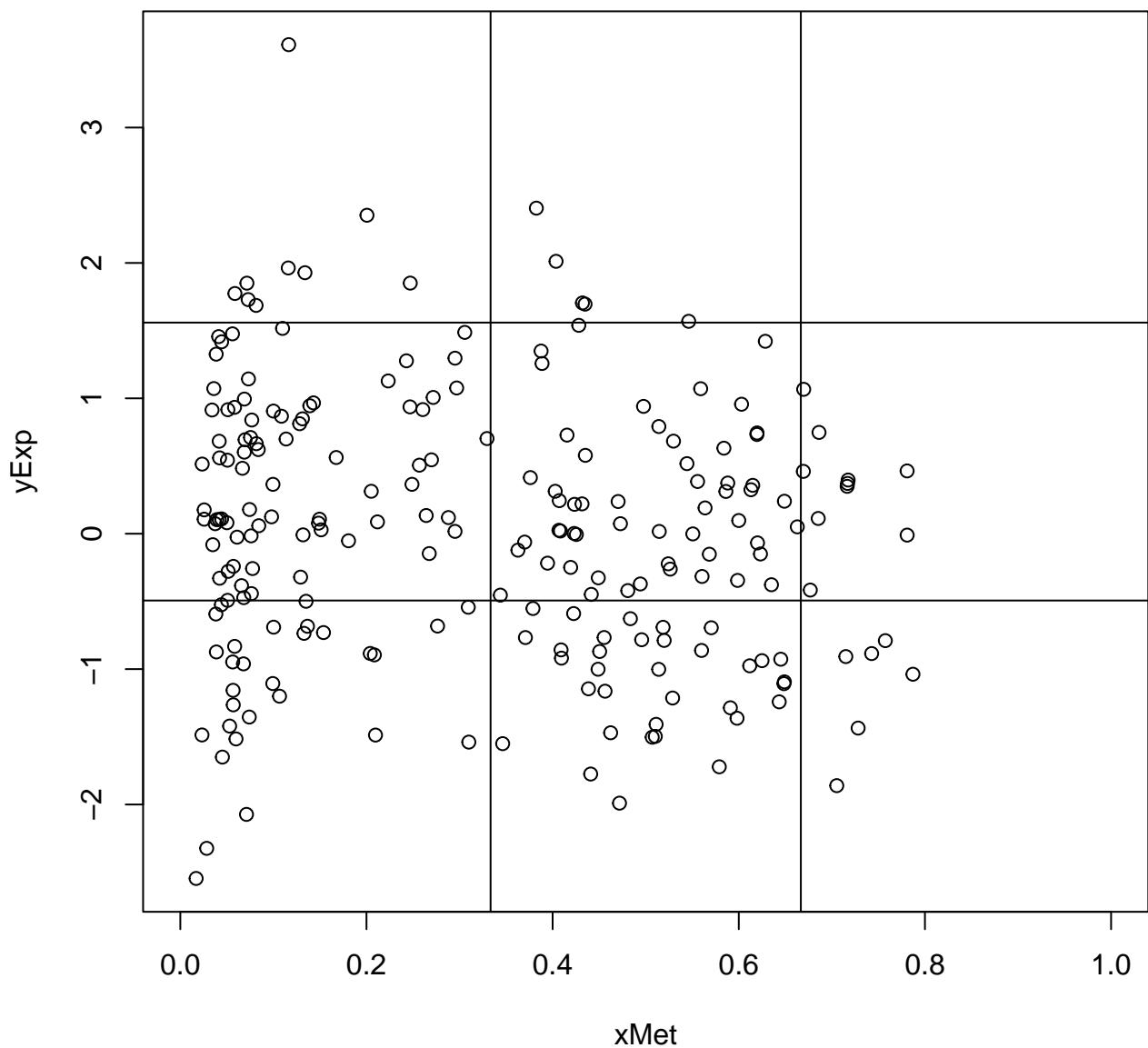
USP2, -34.8



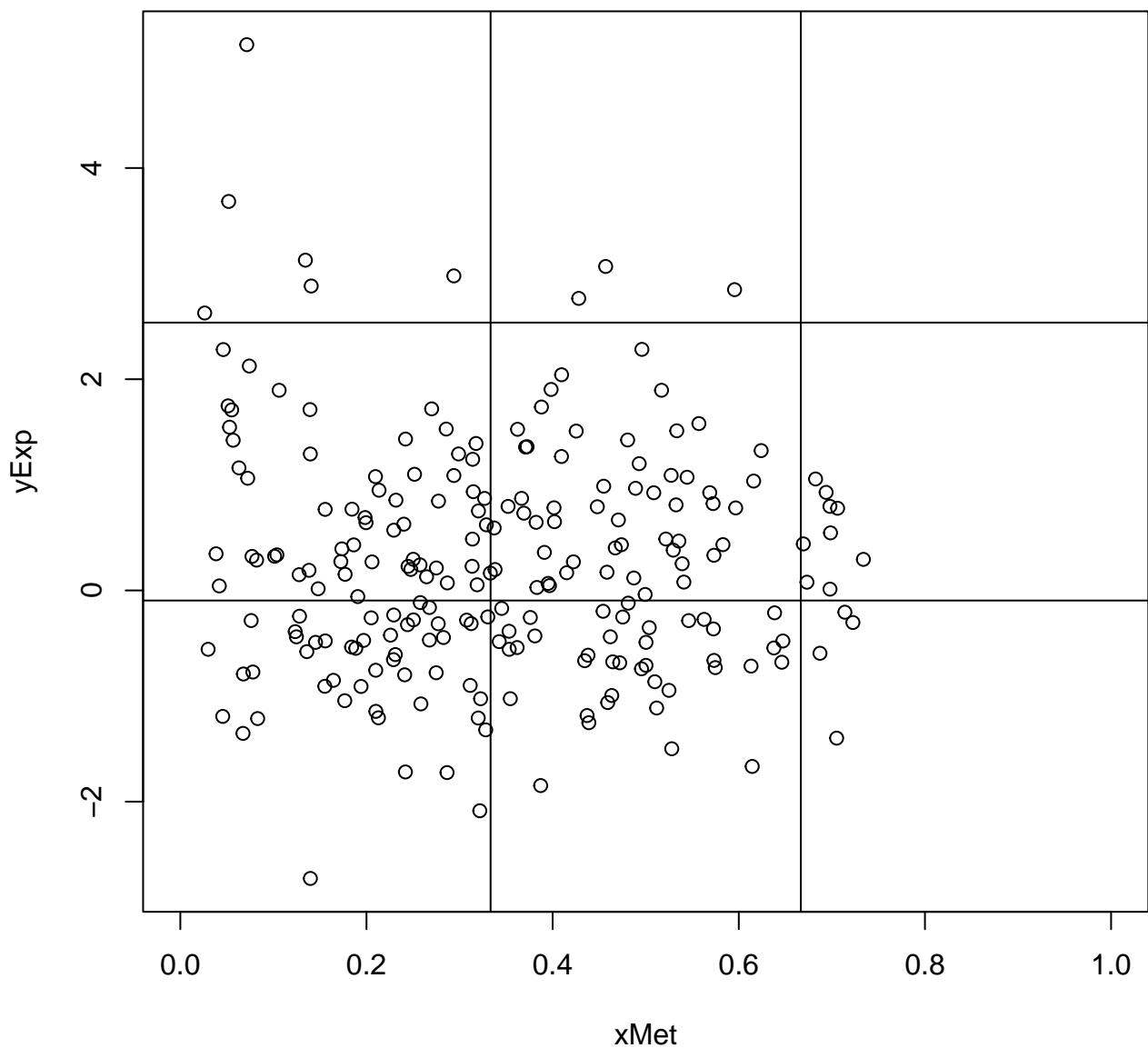
VAMP5, -108.8



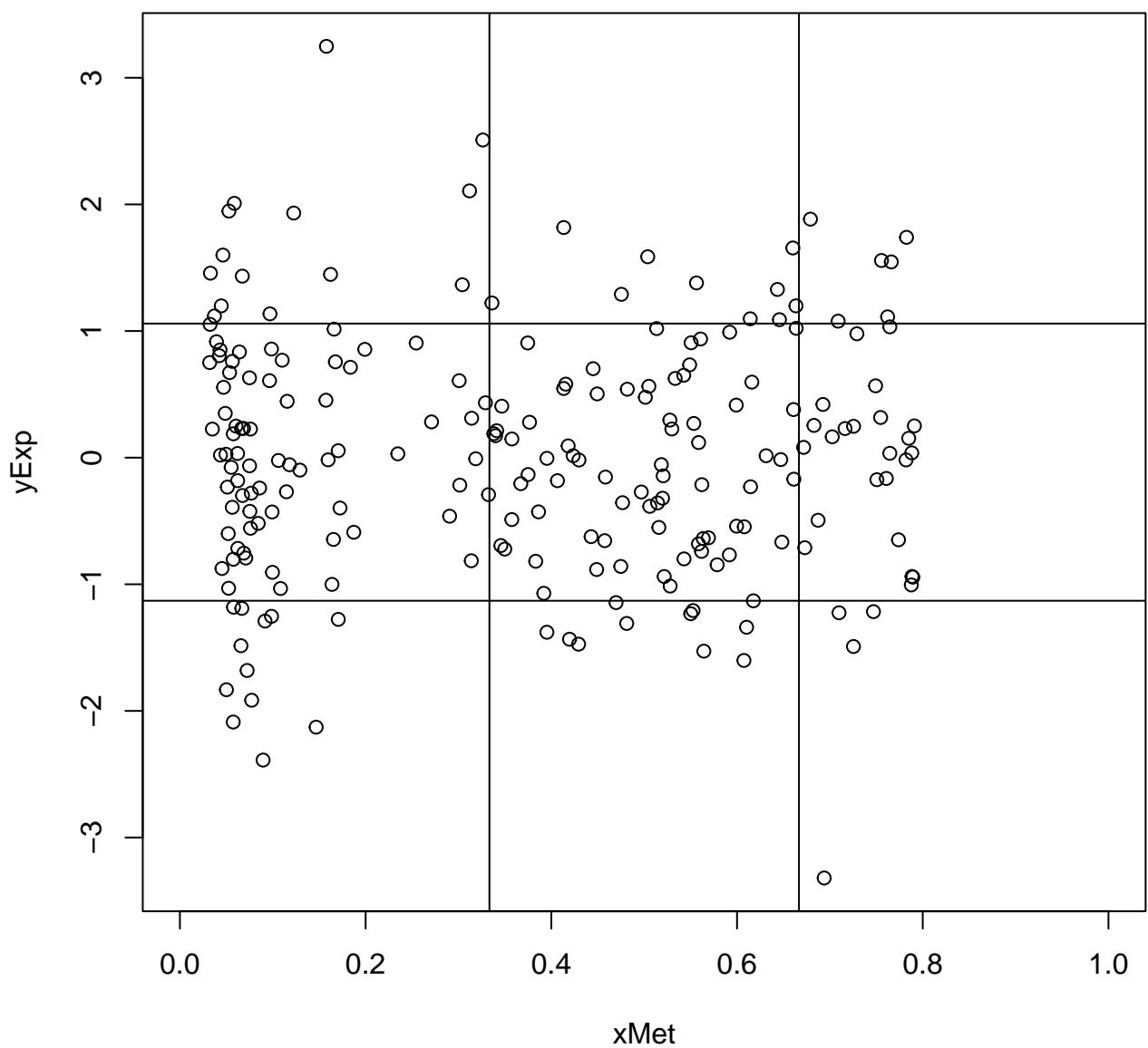
VCAN, 139



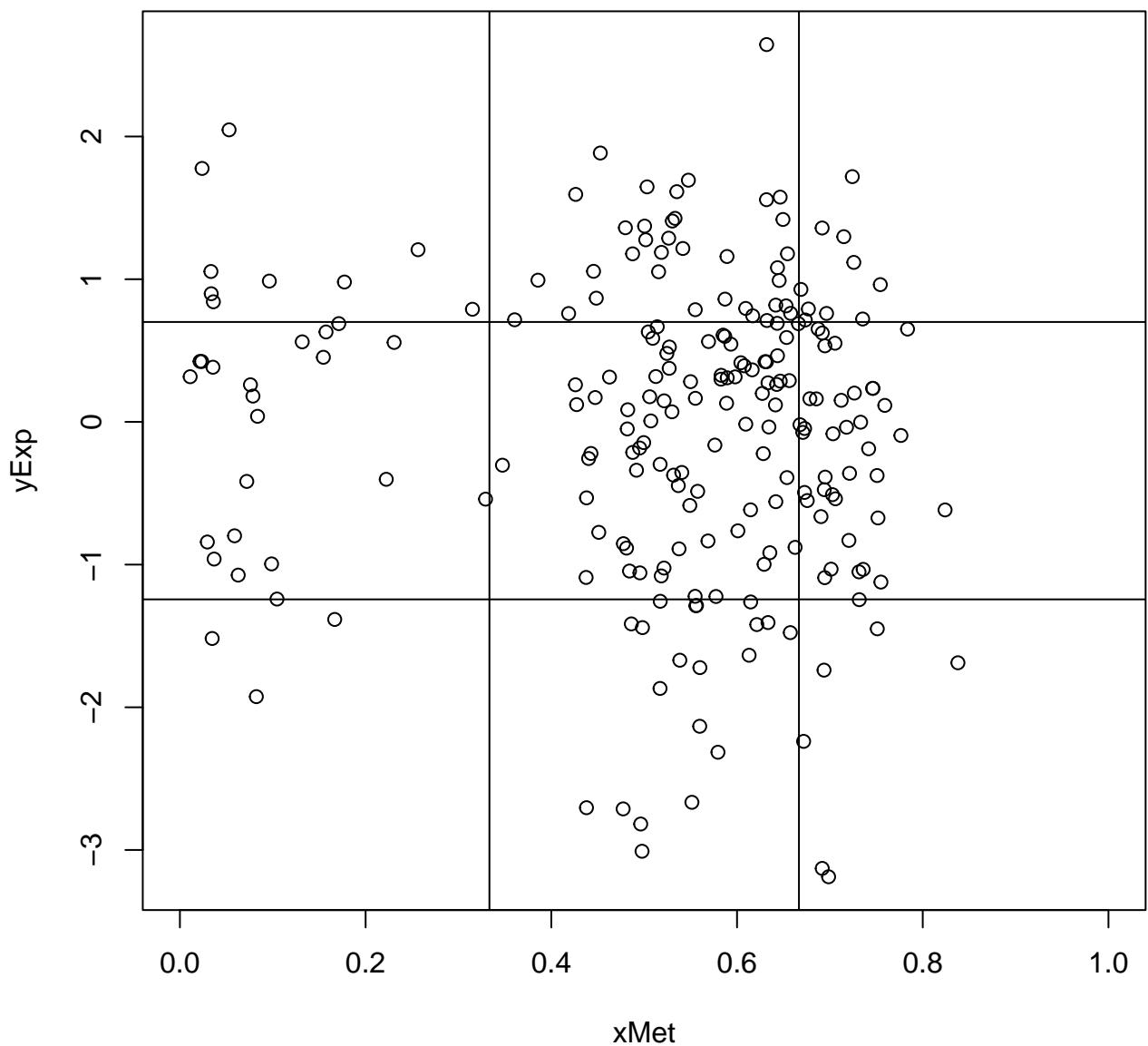
VGF, 144



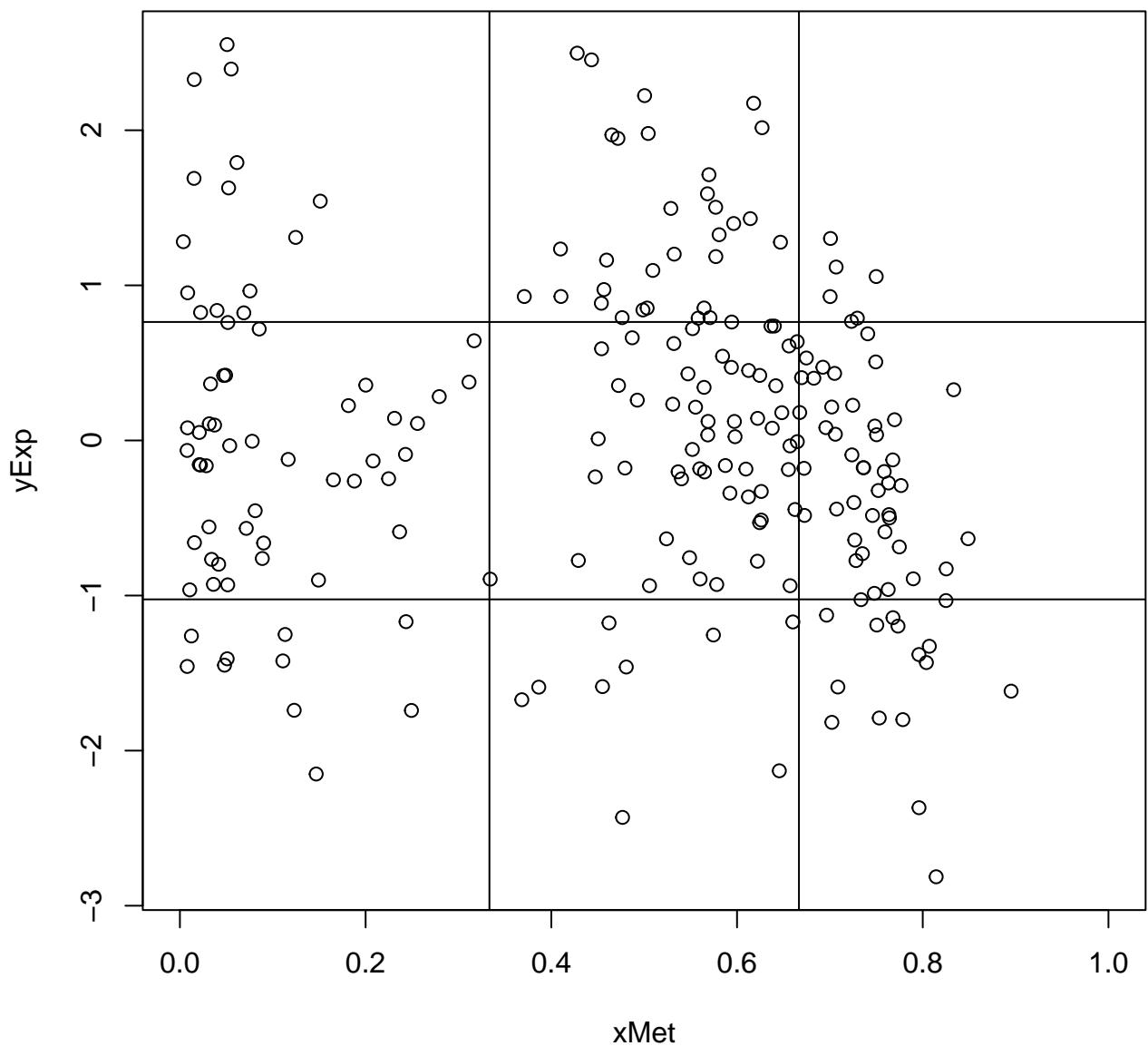
VGLL2, -203.6



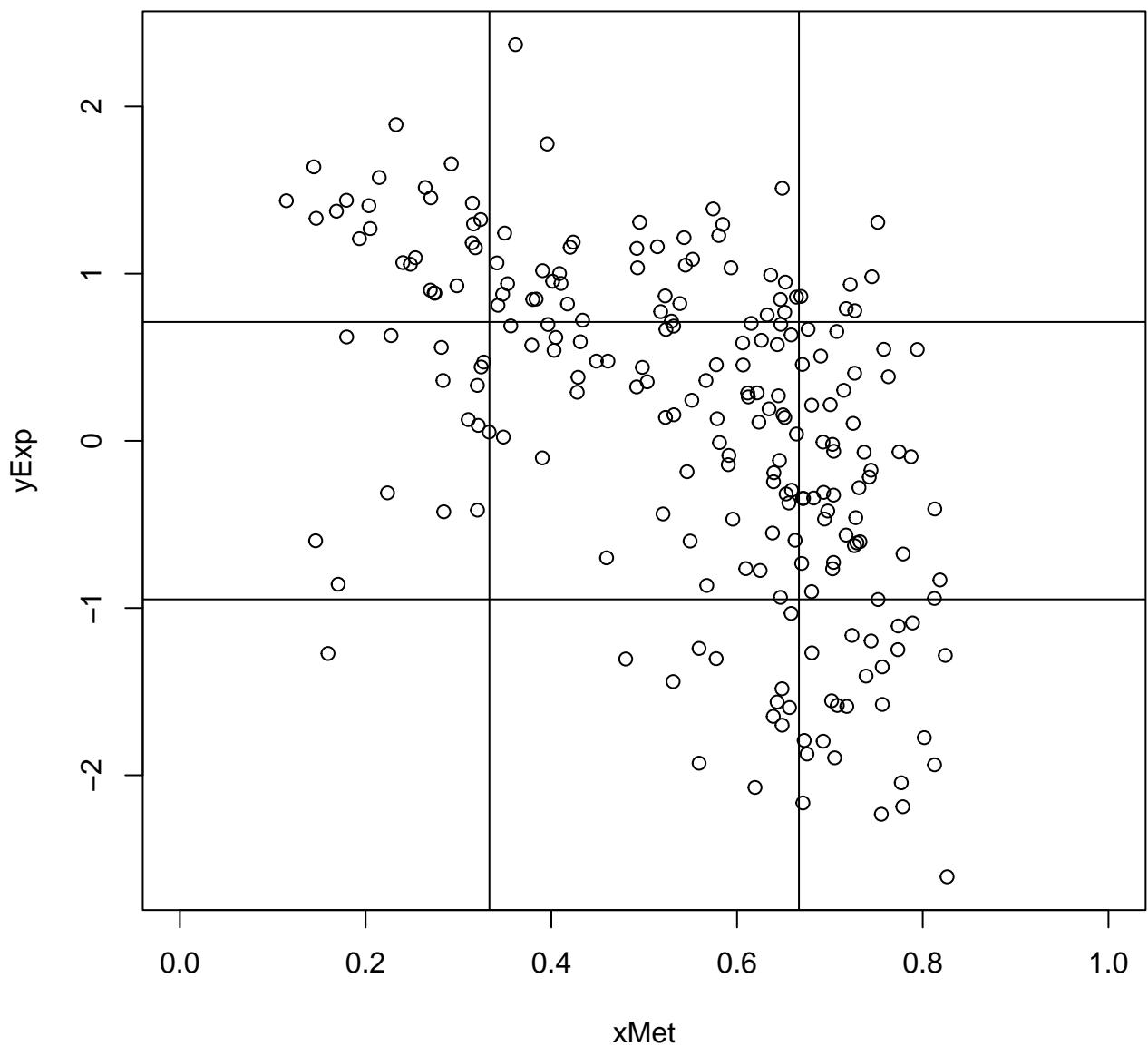
VILL, -516



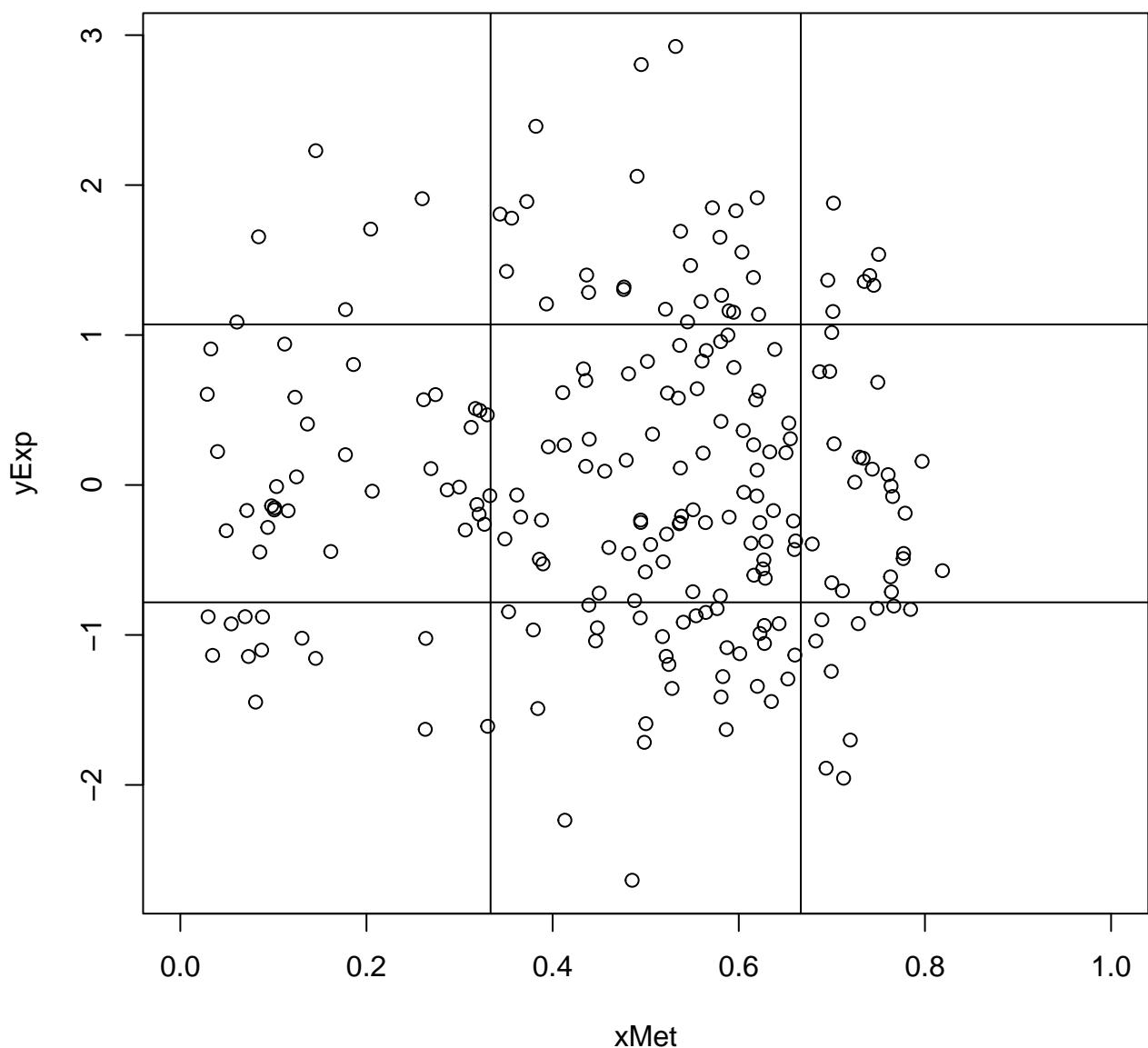
VIM, -291.6



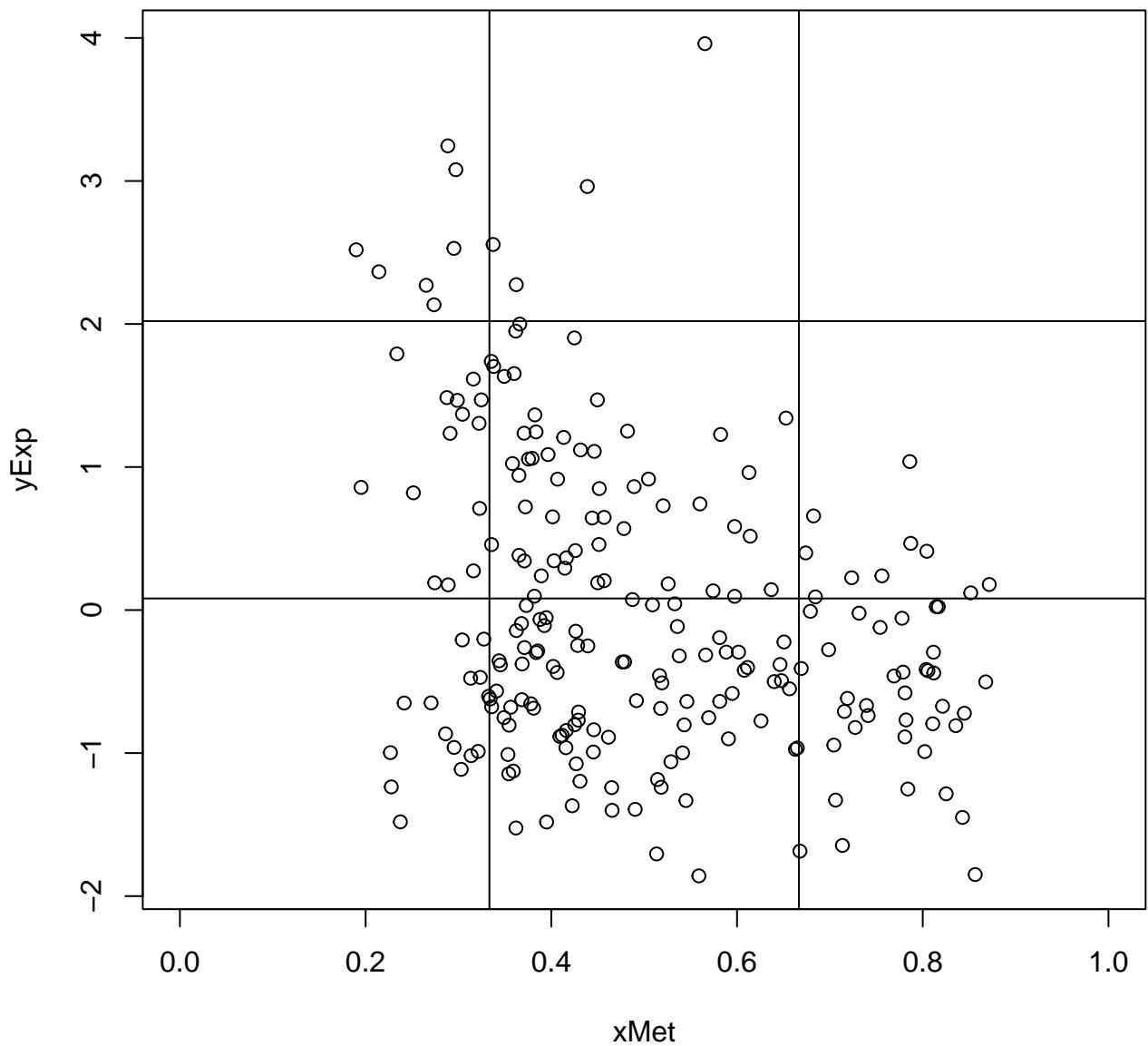
VSIG2, -299.6



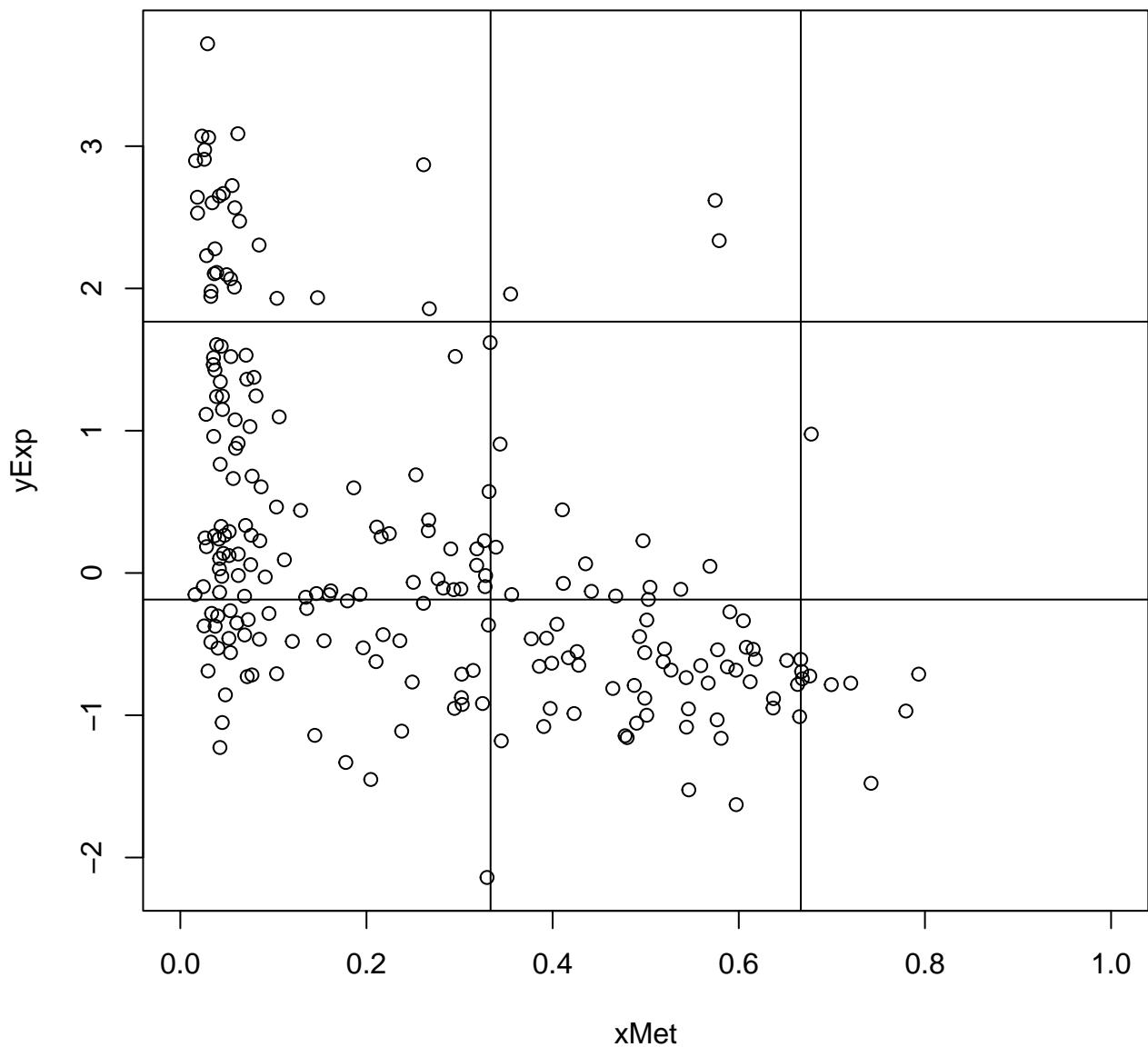
VWC2, -301.2



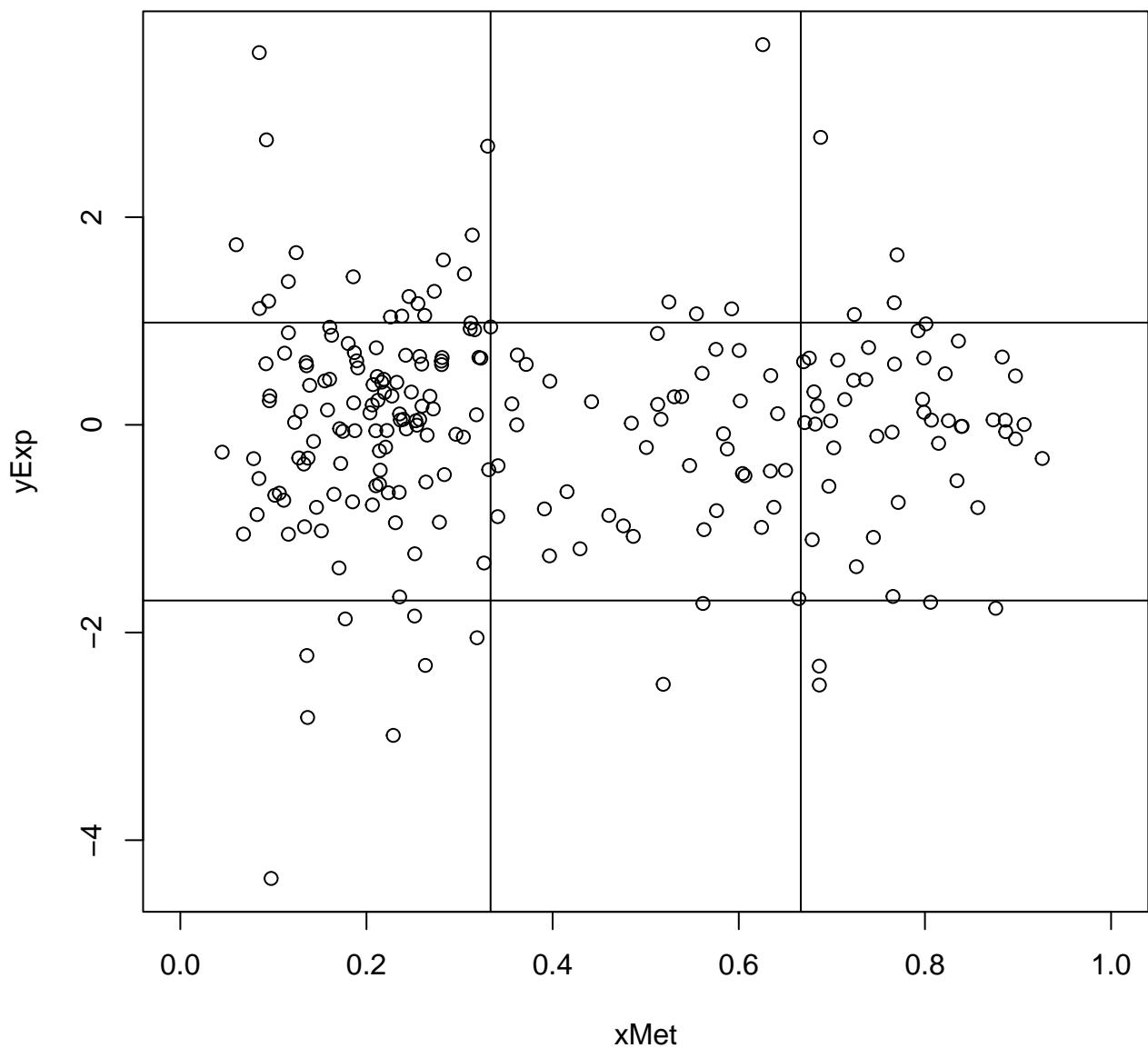
VWCE, 172



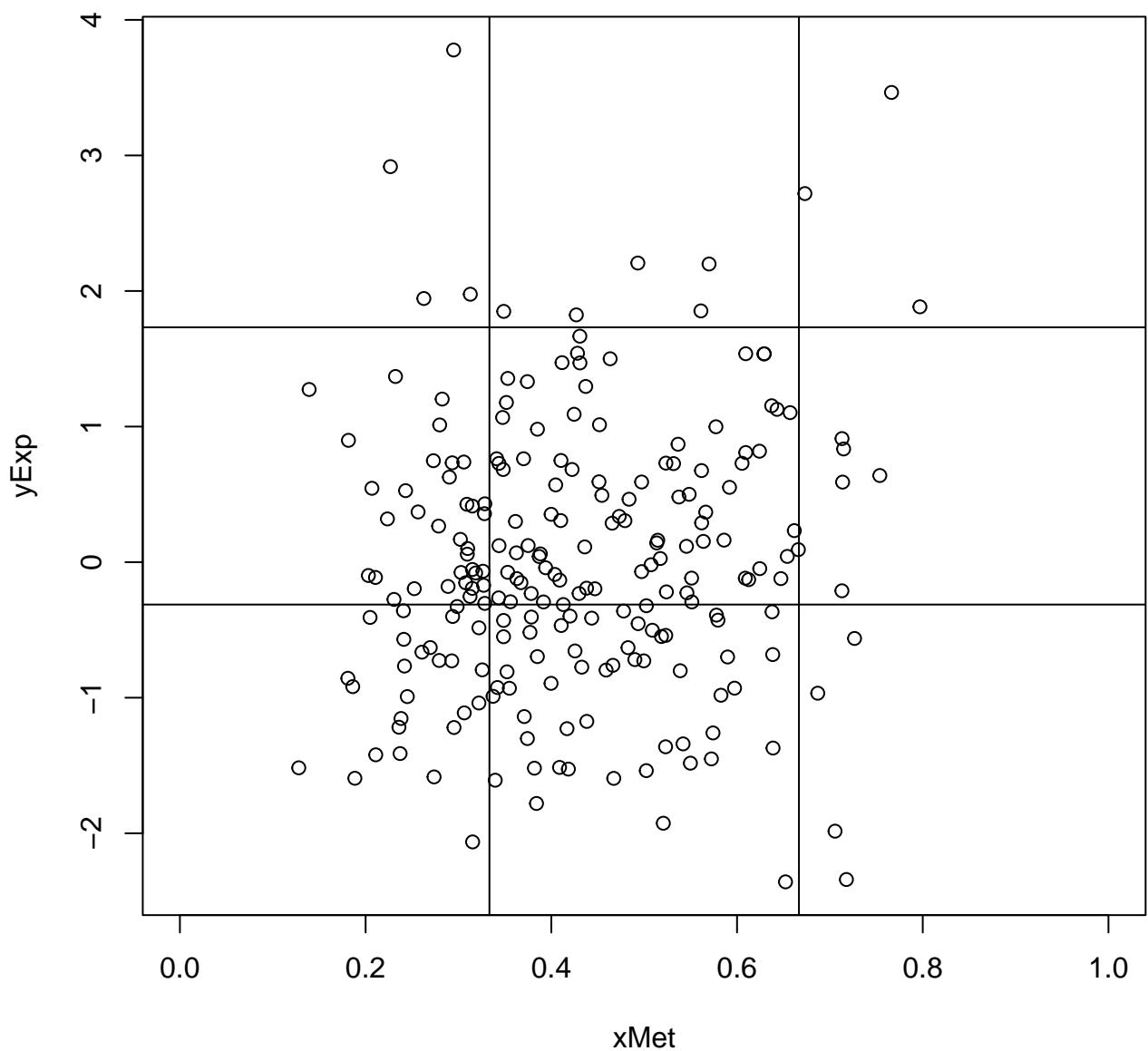
WASF3, 235



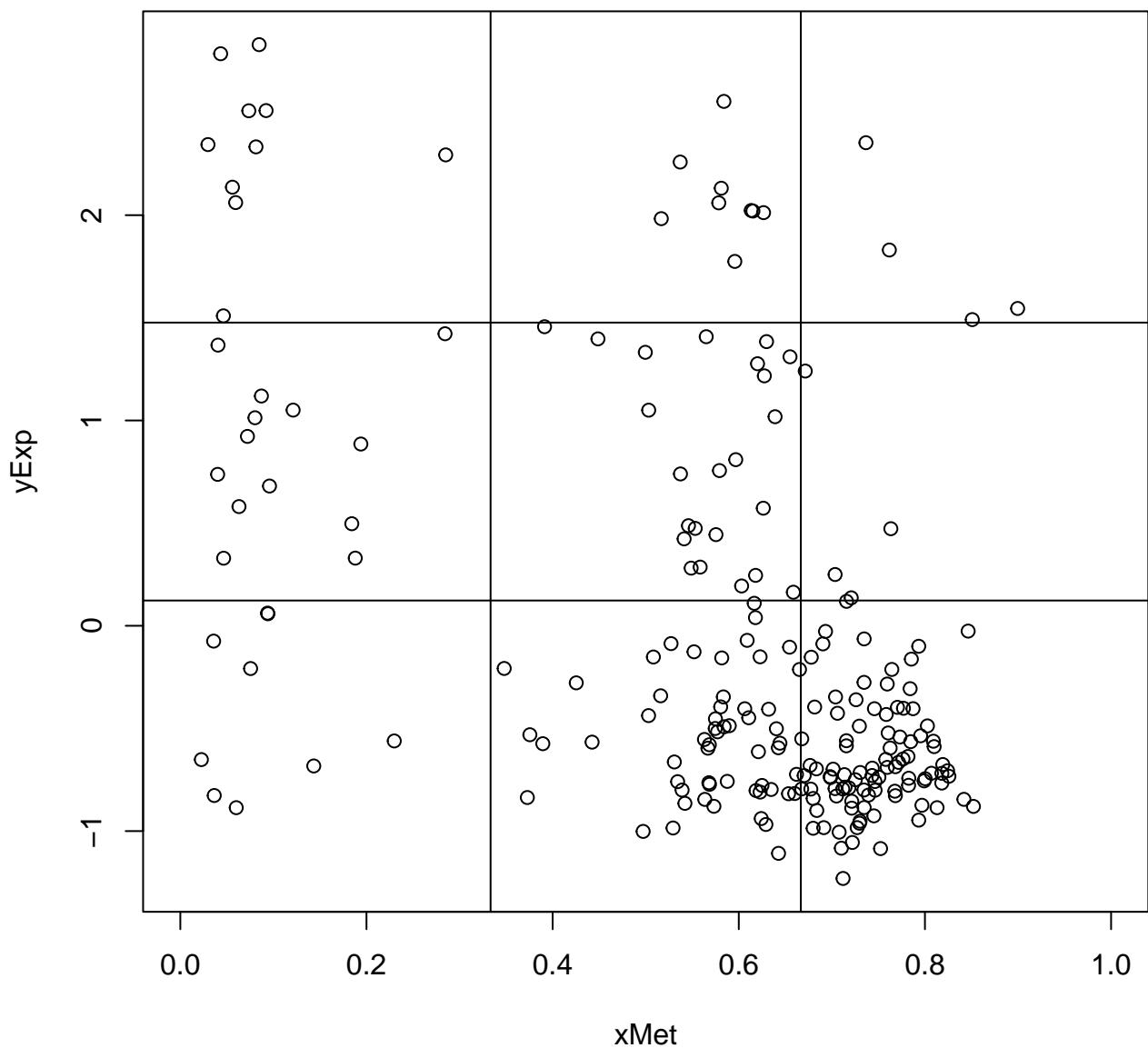
WBP2NL, -122.4



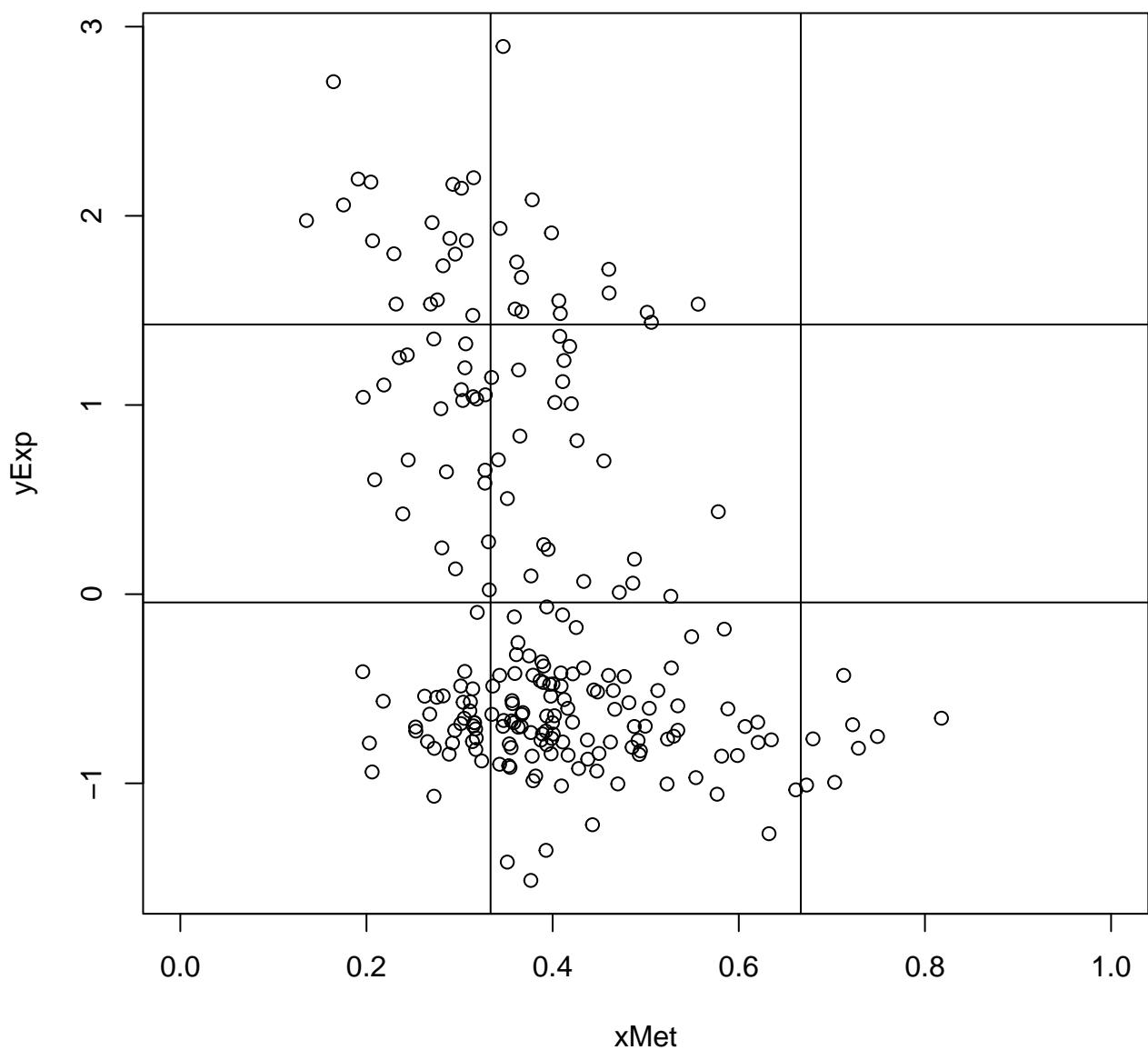
WFIKKN1, -23.8



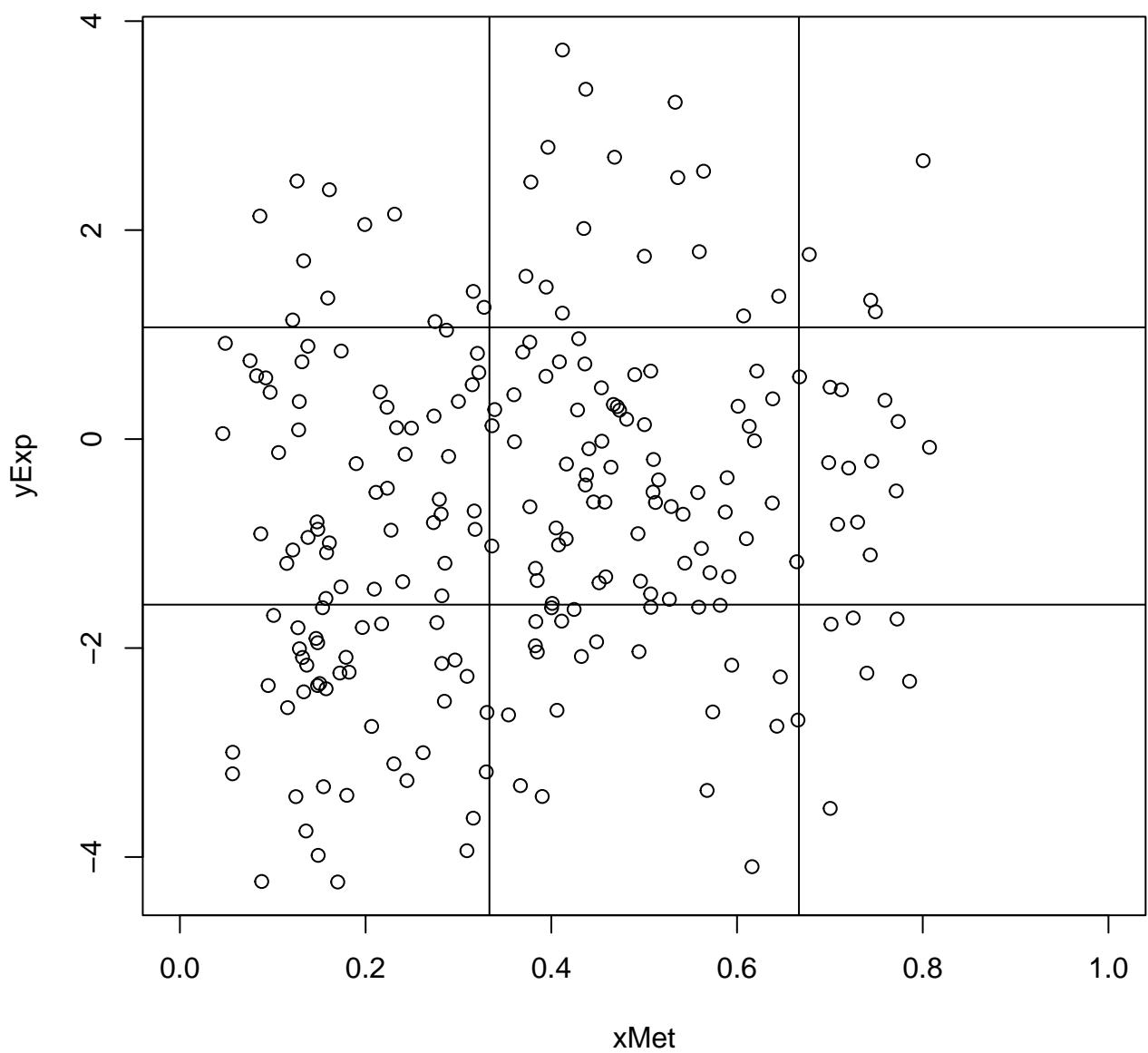
WIF1, 83.6



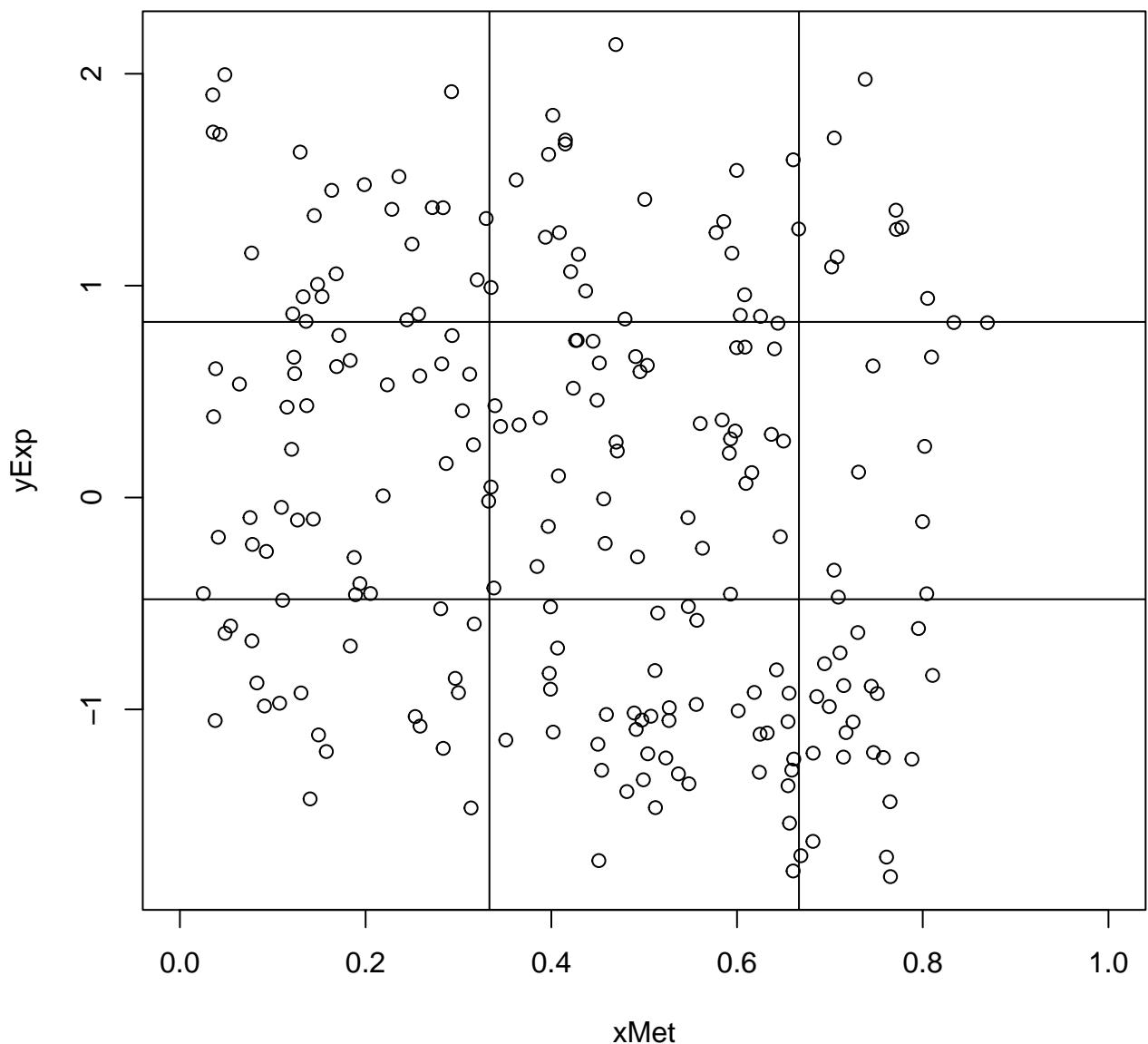
WISP3, 183



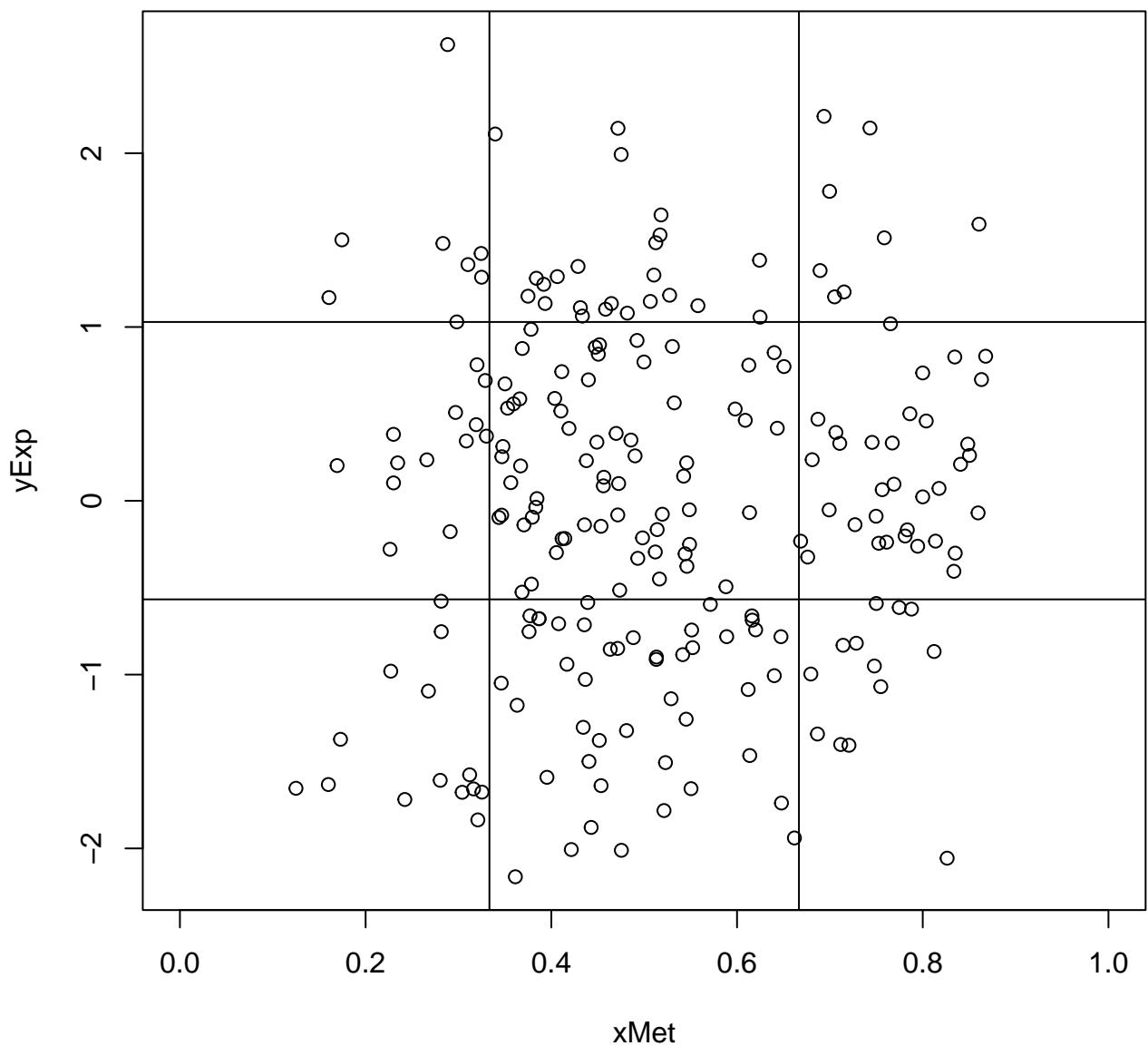
WRN, -91.4



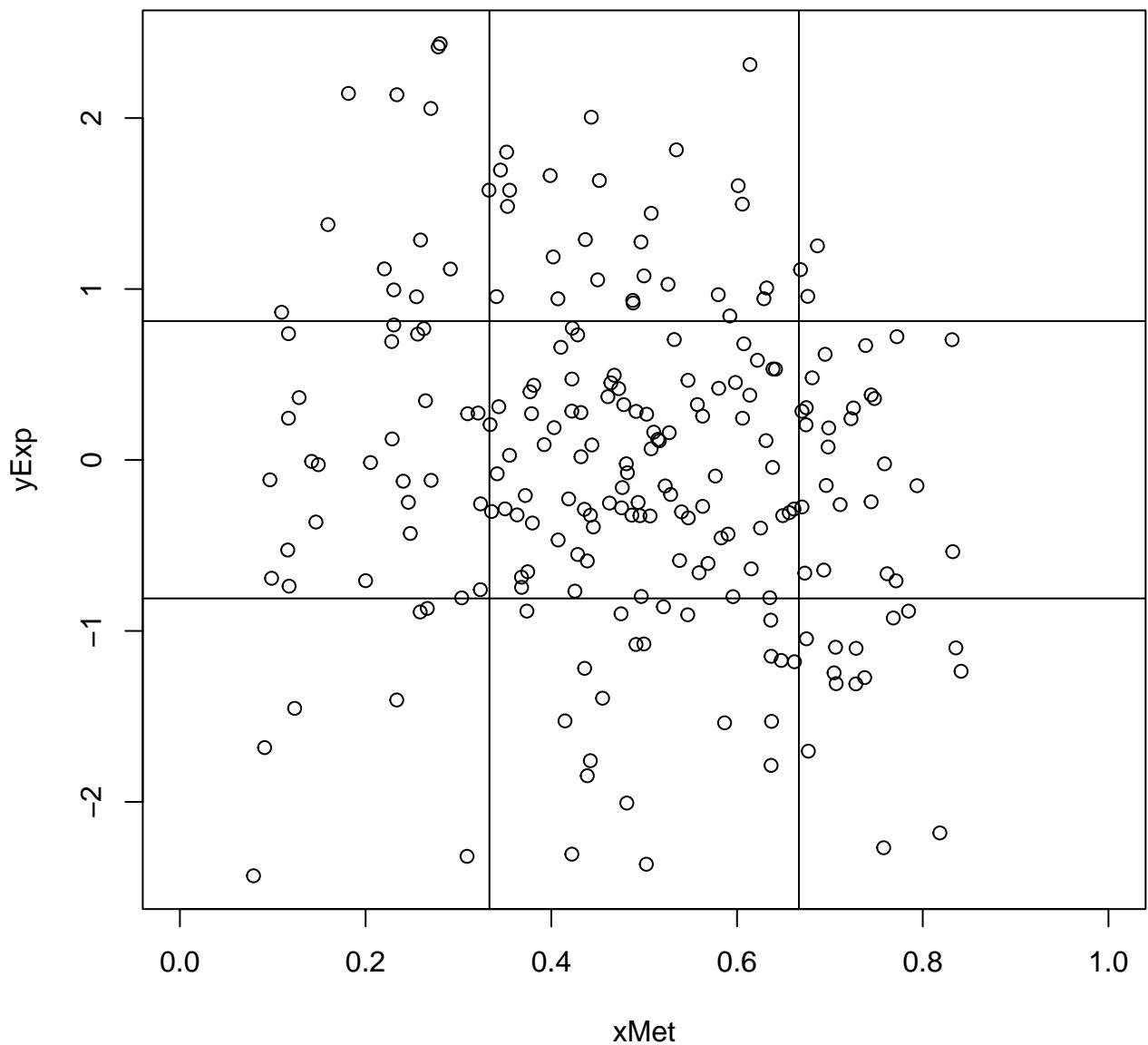
WT1, -233.8



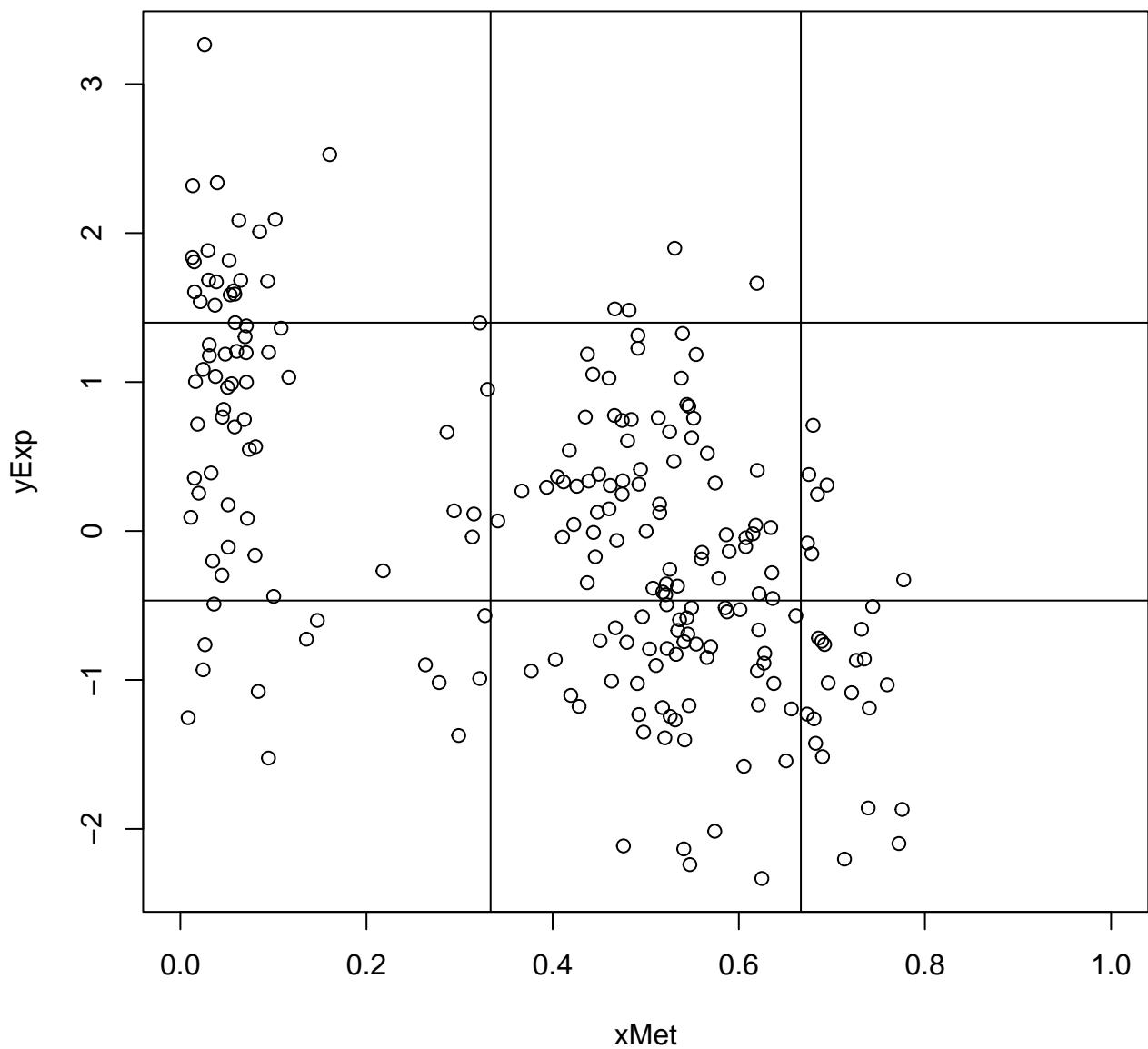
ZDHHC11, -356.8



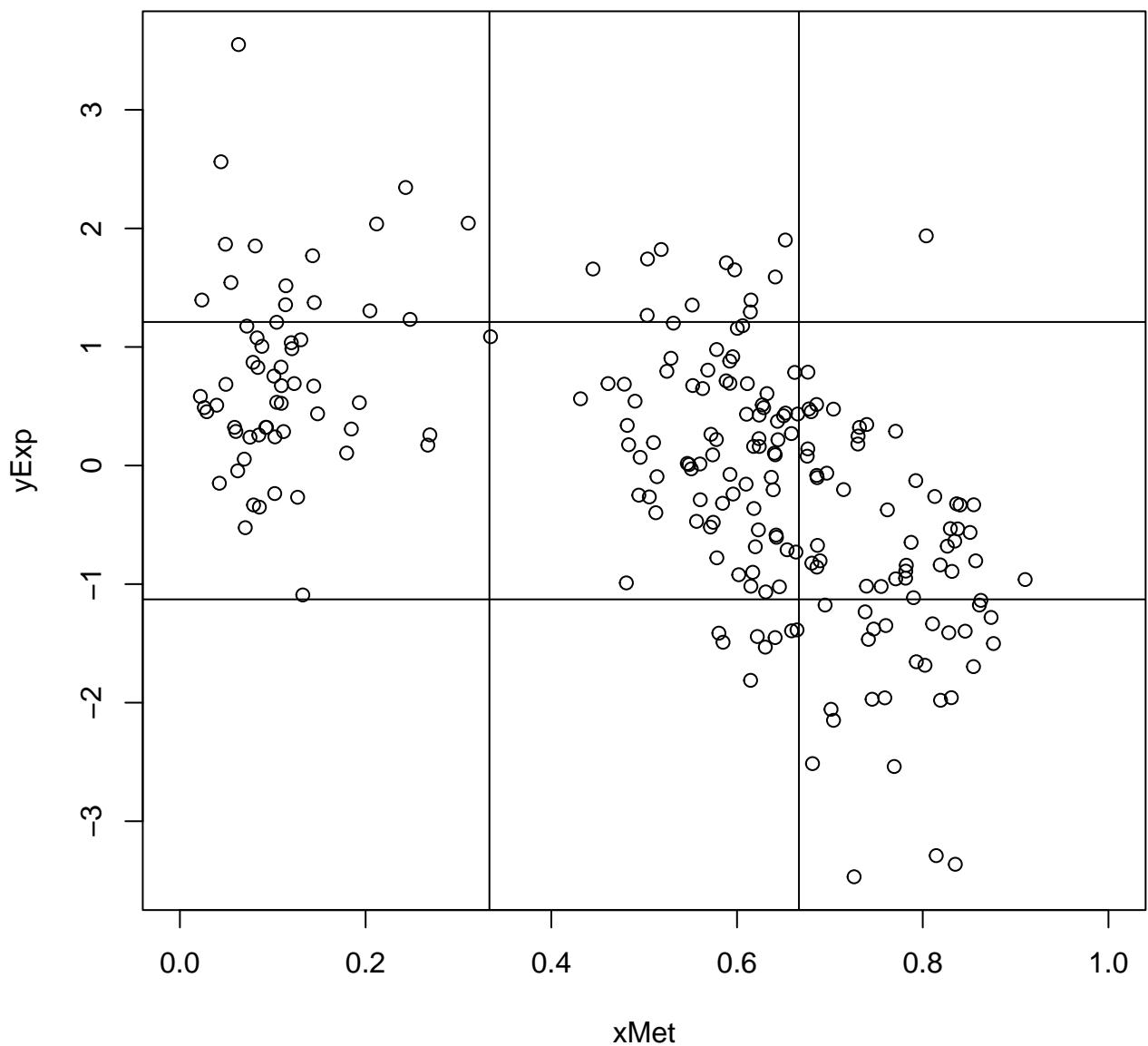
ZEB2, -126.8



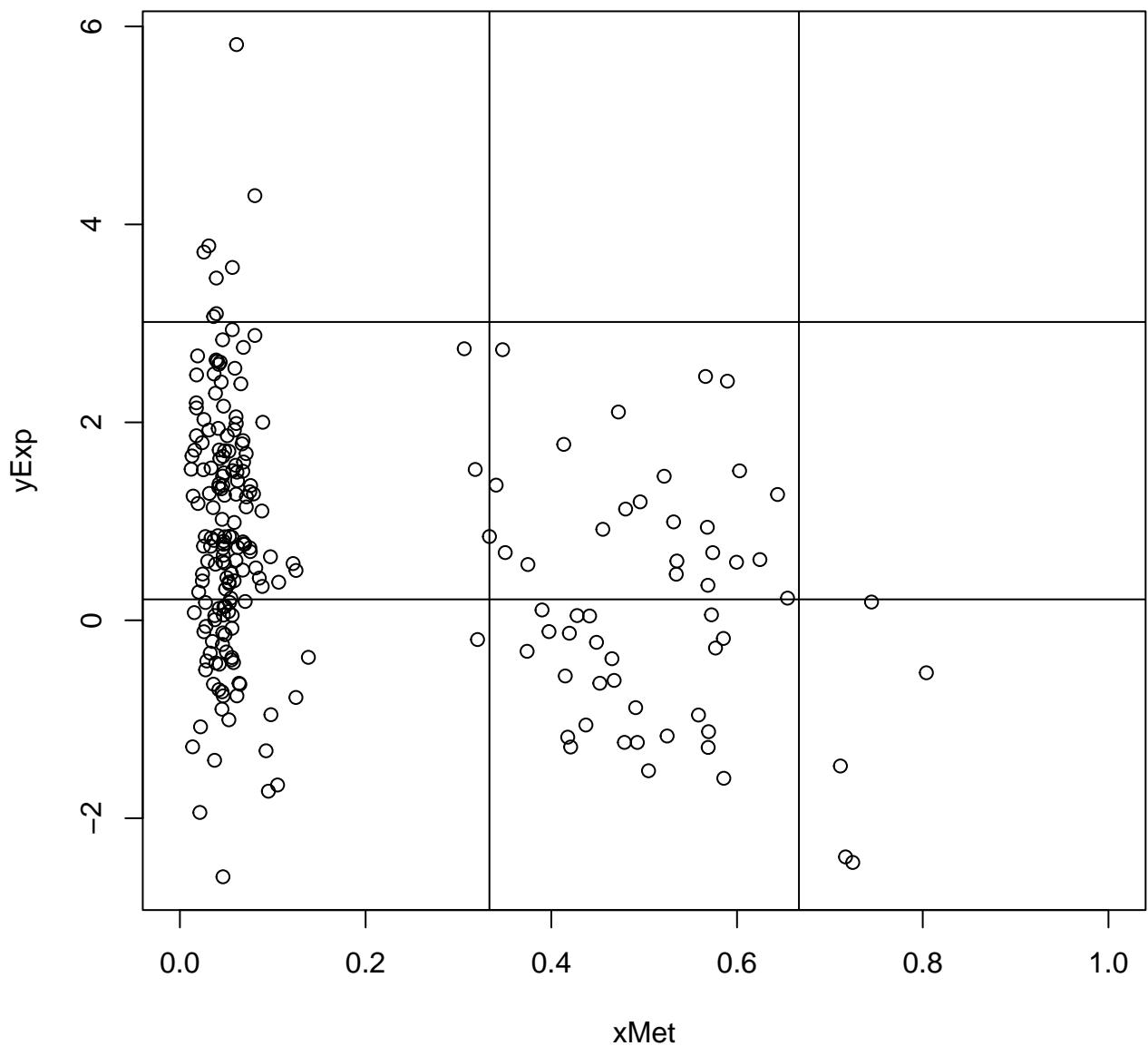
ZFP28, 163



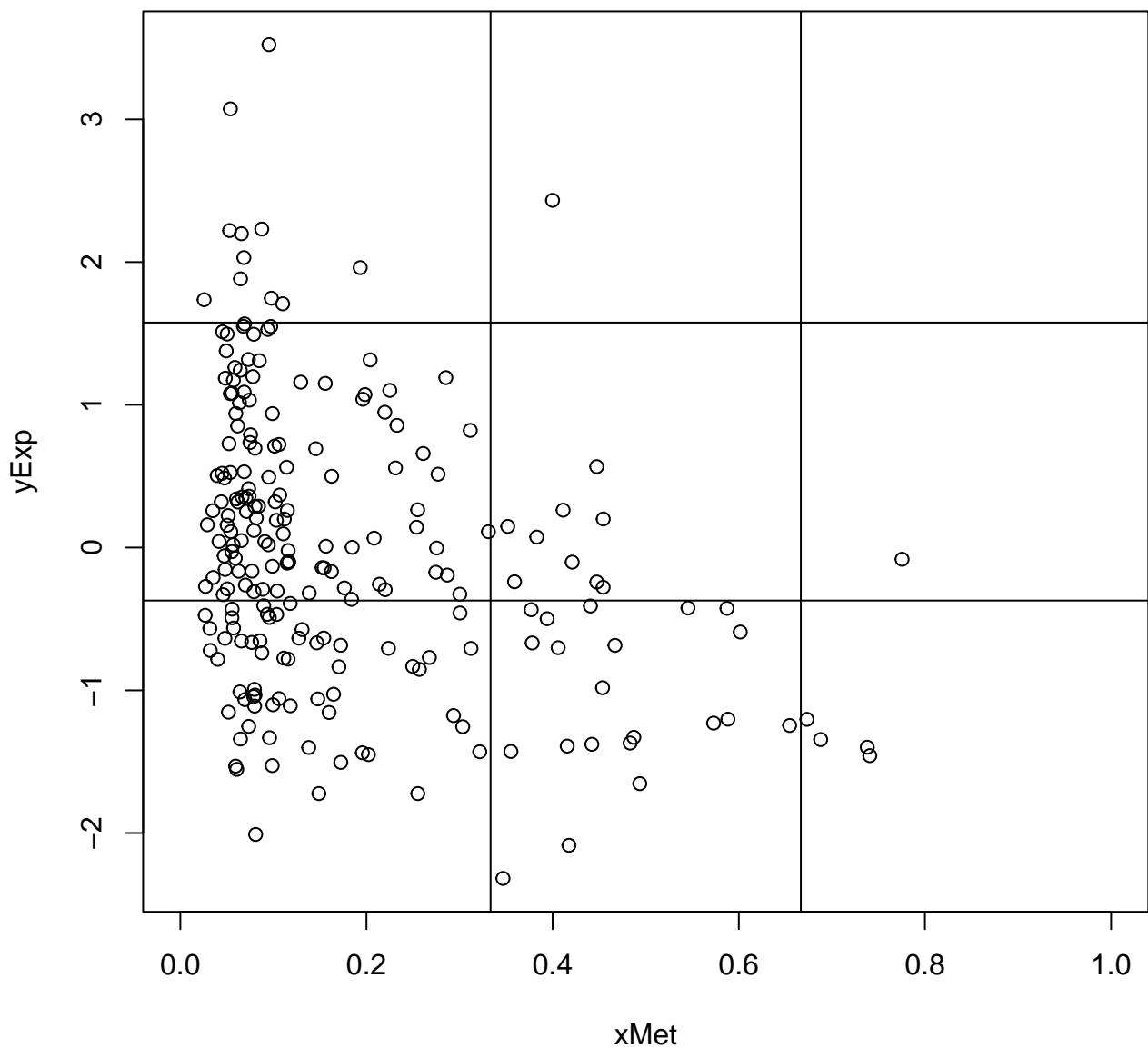
ZFP37, -18.6



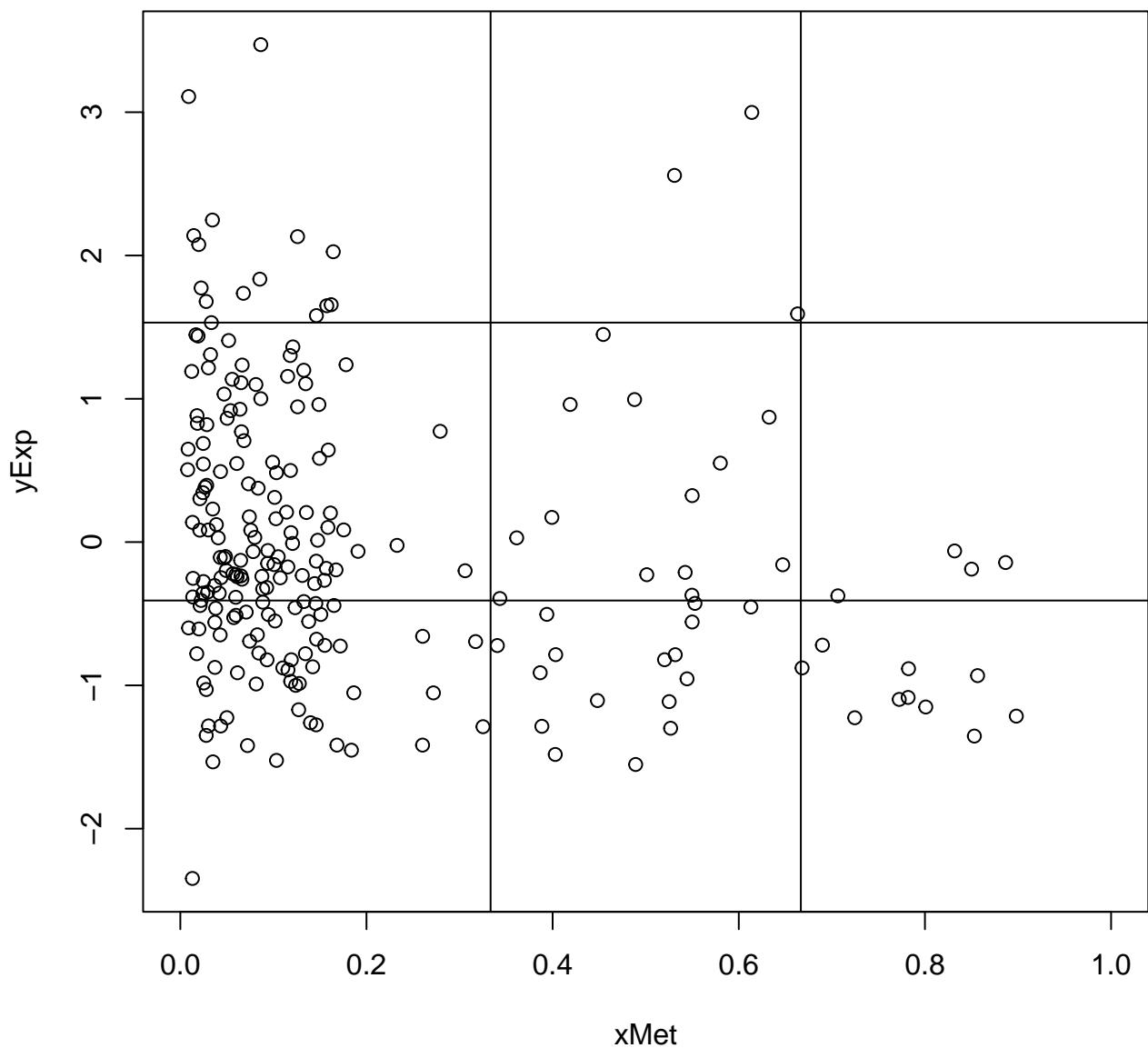
ZMYM2, 212



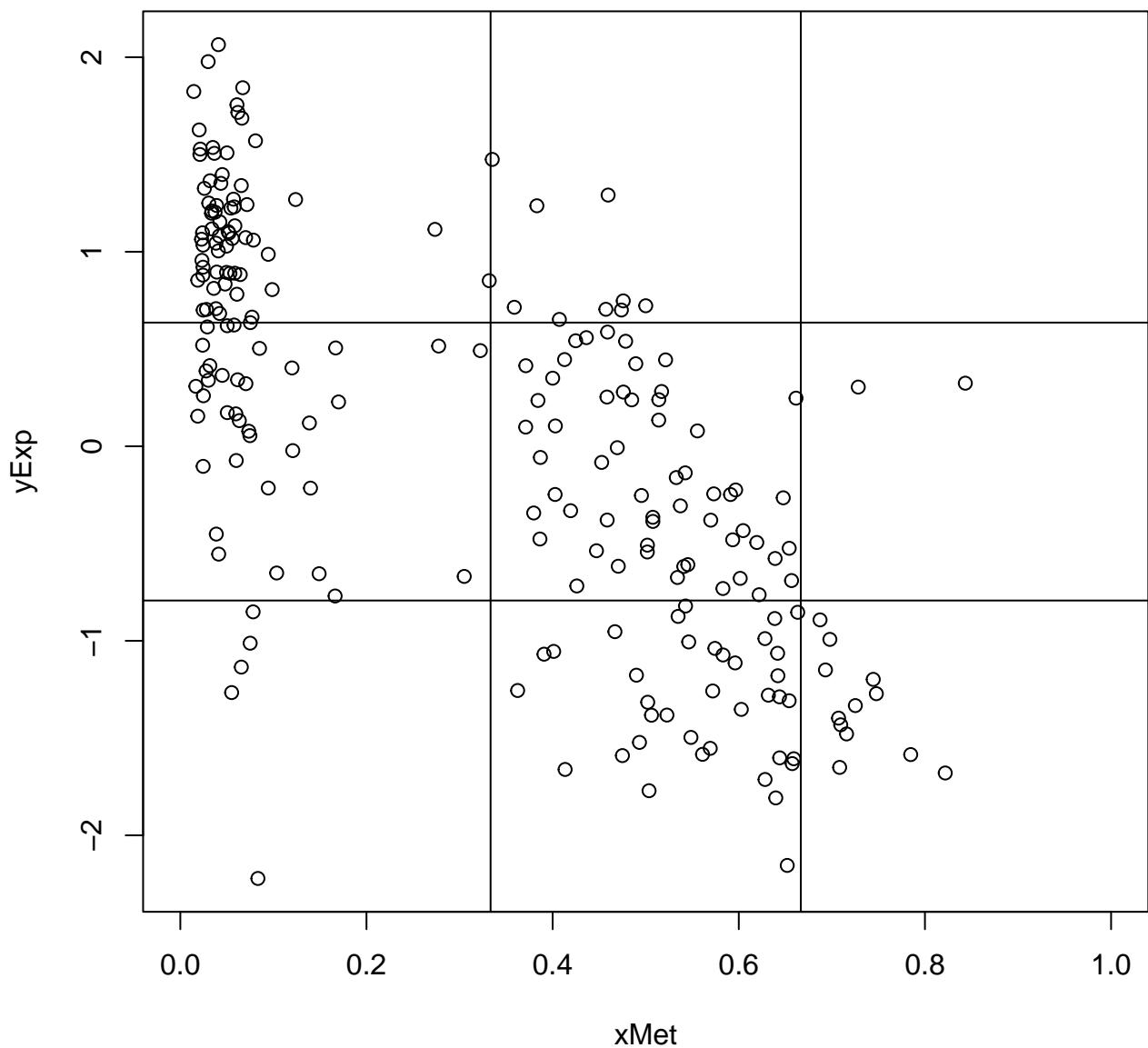
ZMYND12, 223



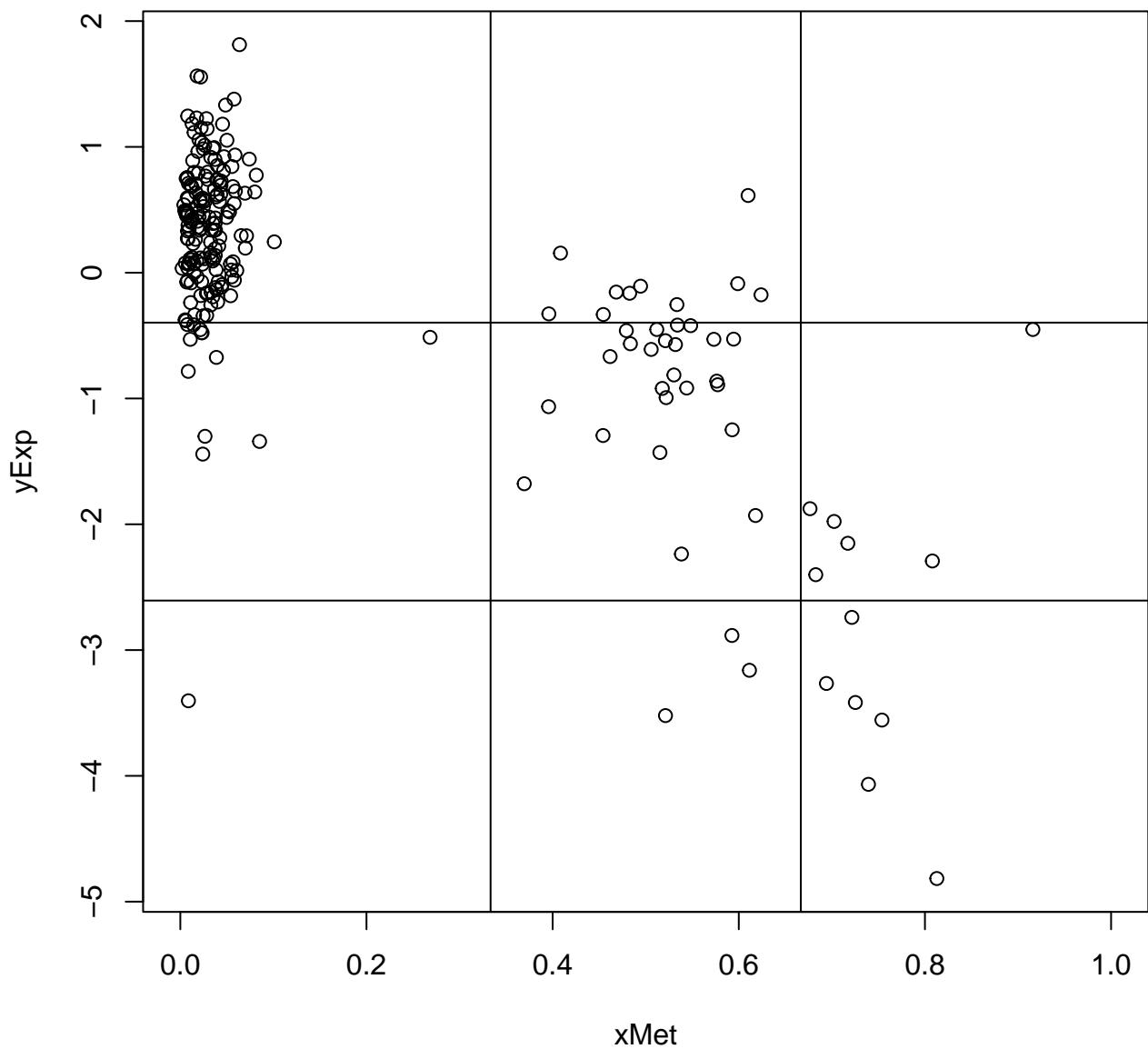
ZNF114, 213



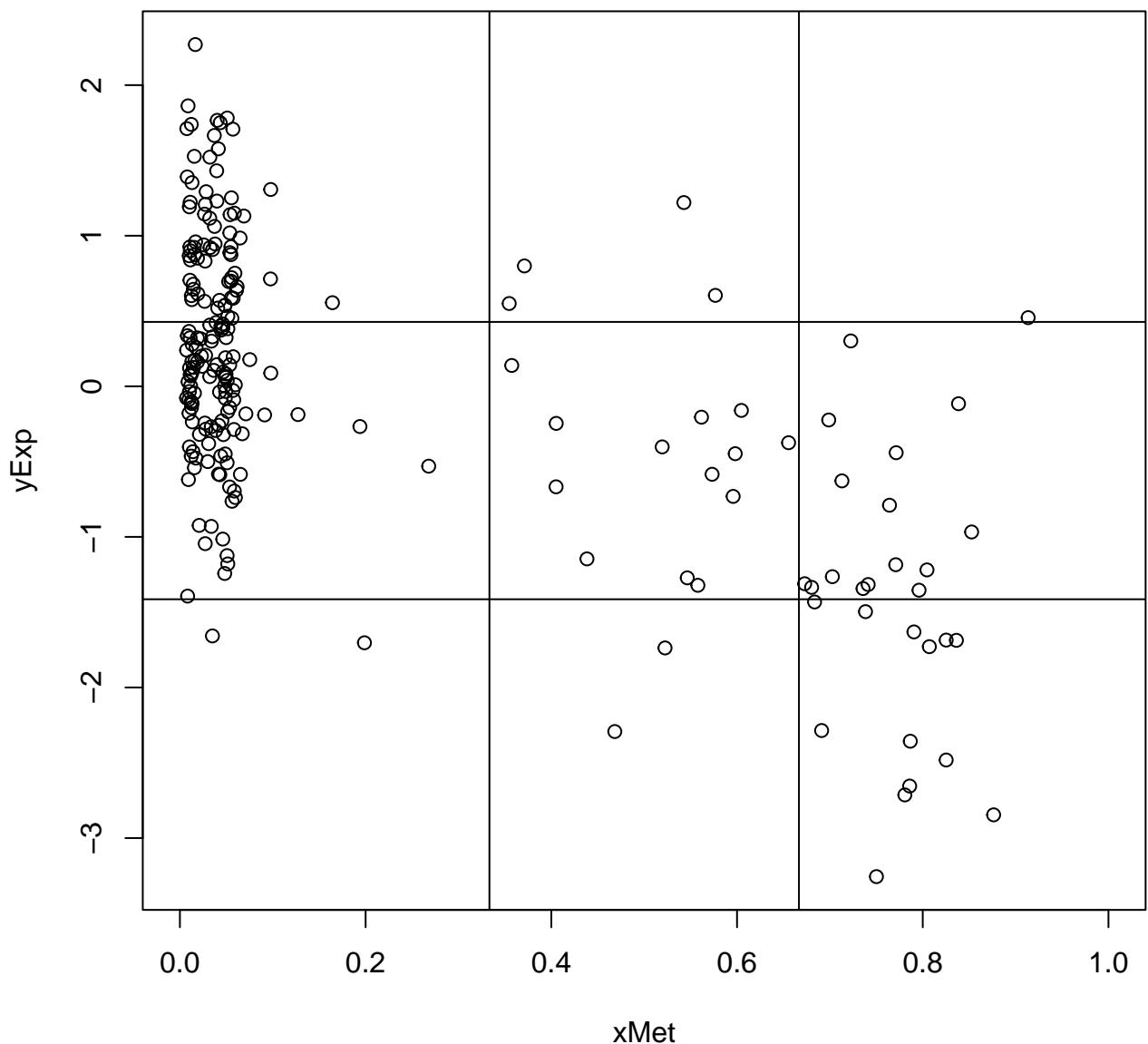
ZNF134, 211



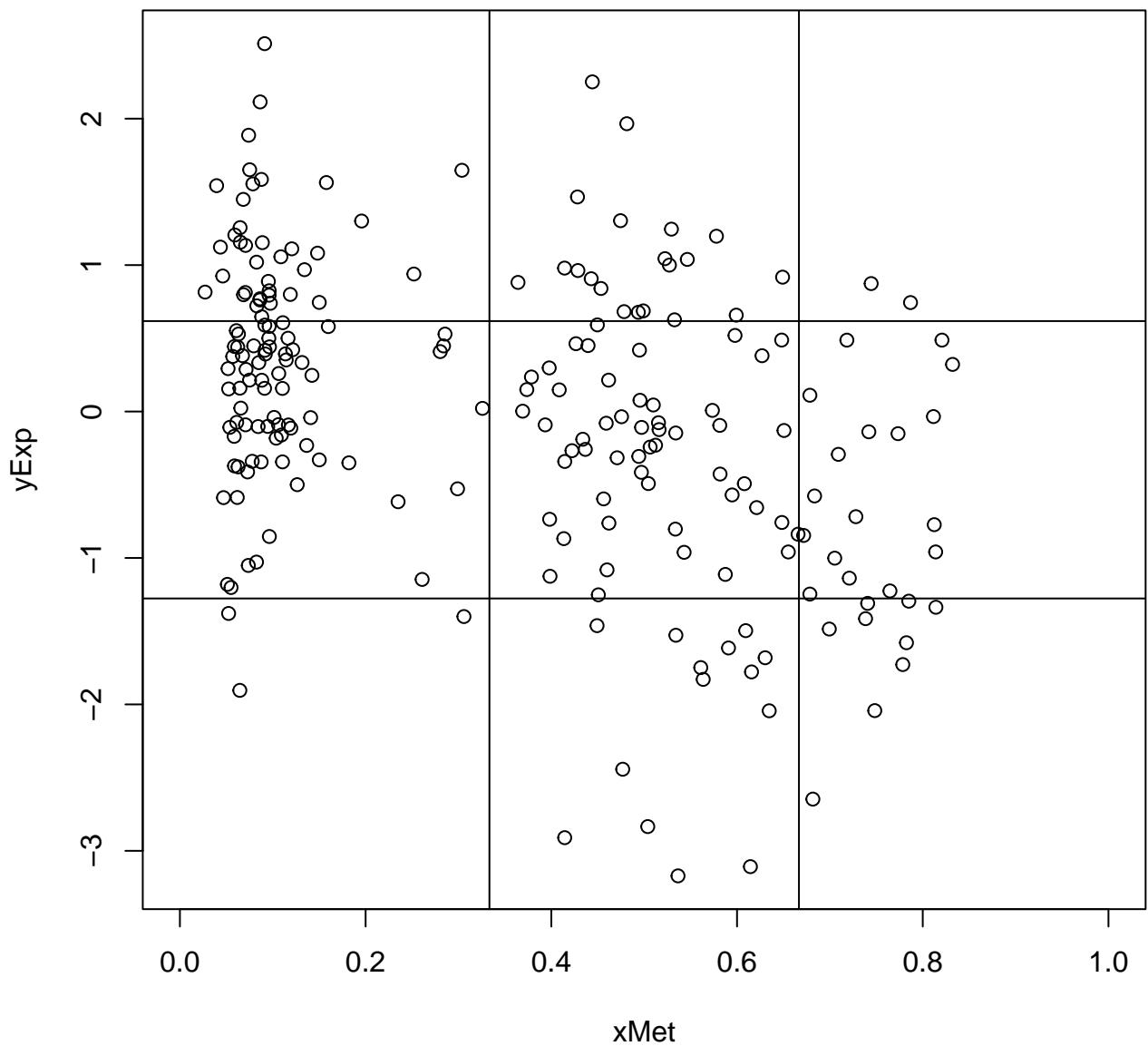
ZNF14, 318



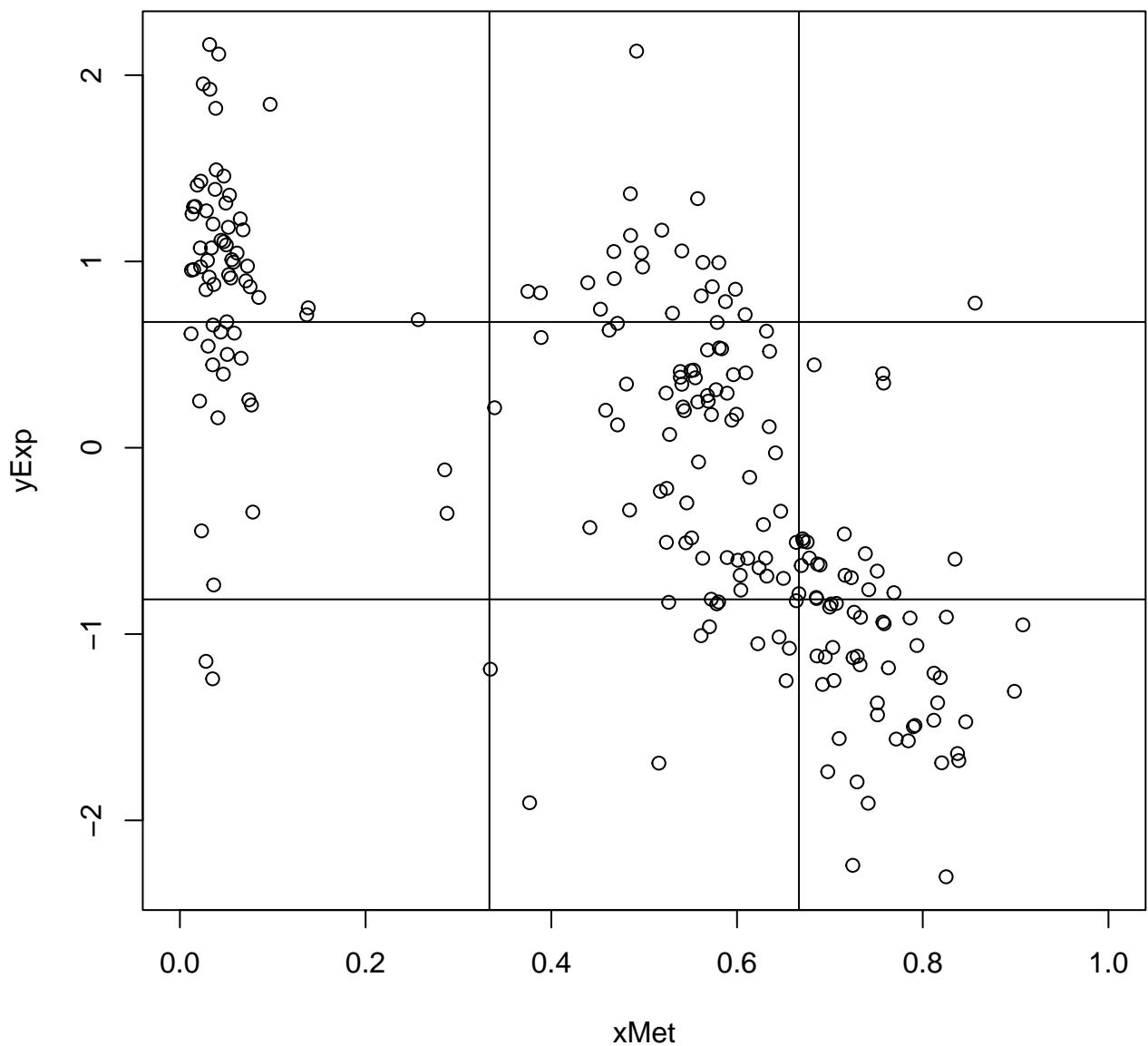
ZNF141, 189.4



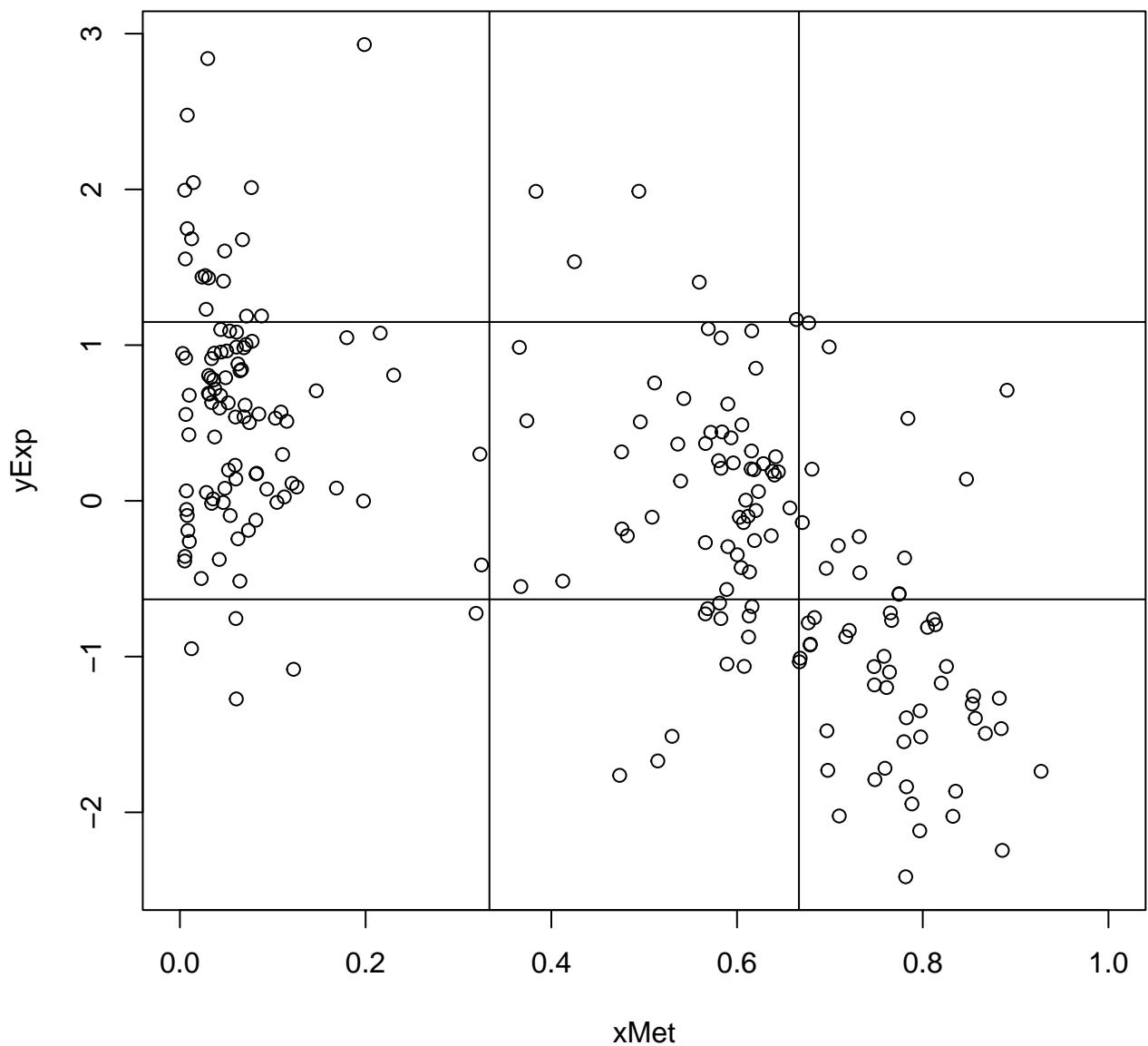
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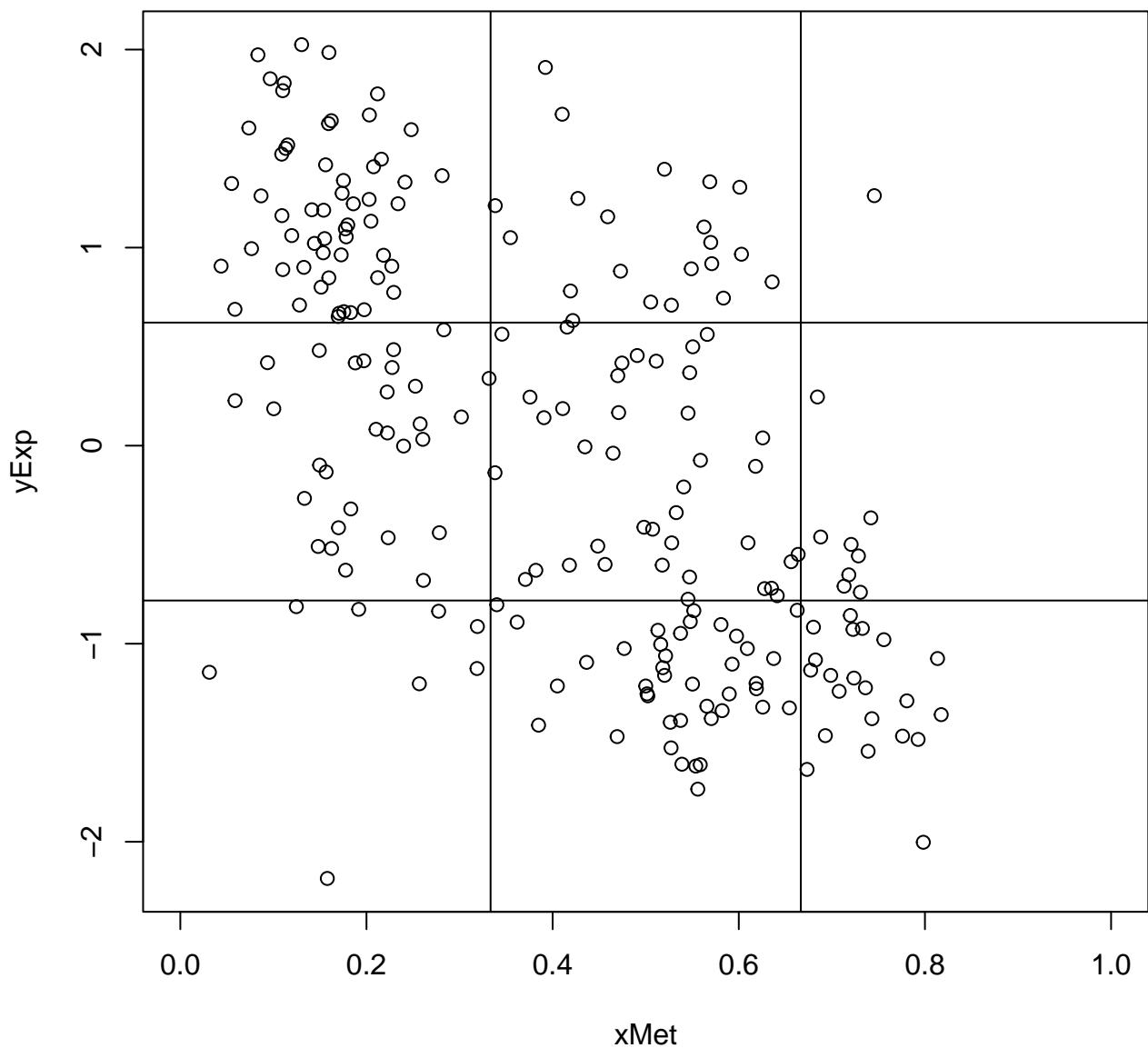
ZNF256, 78.4



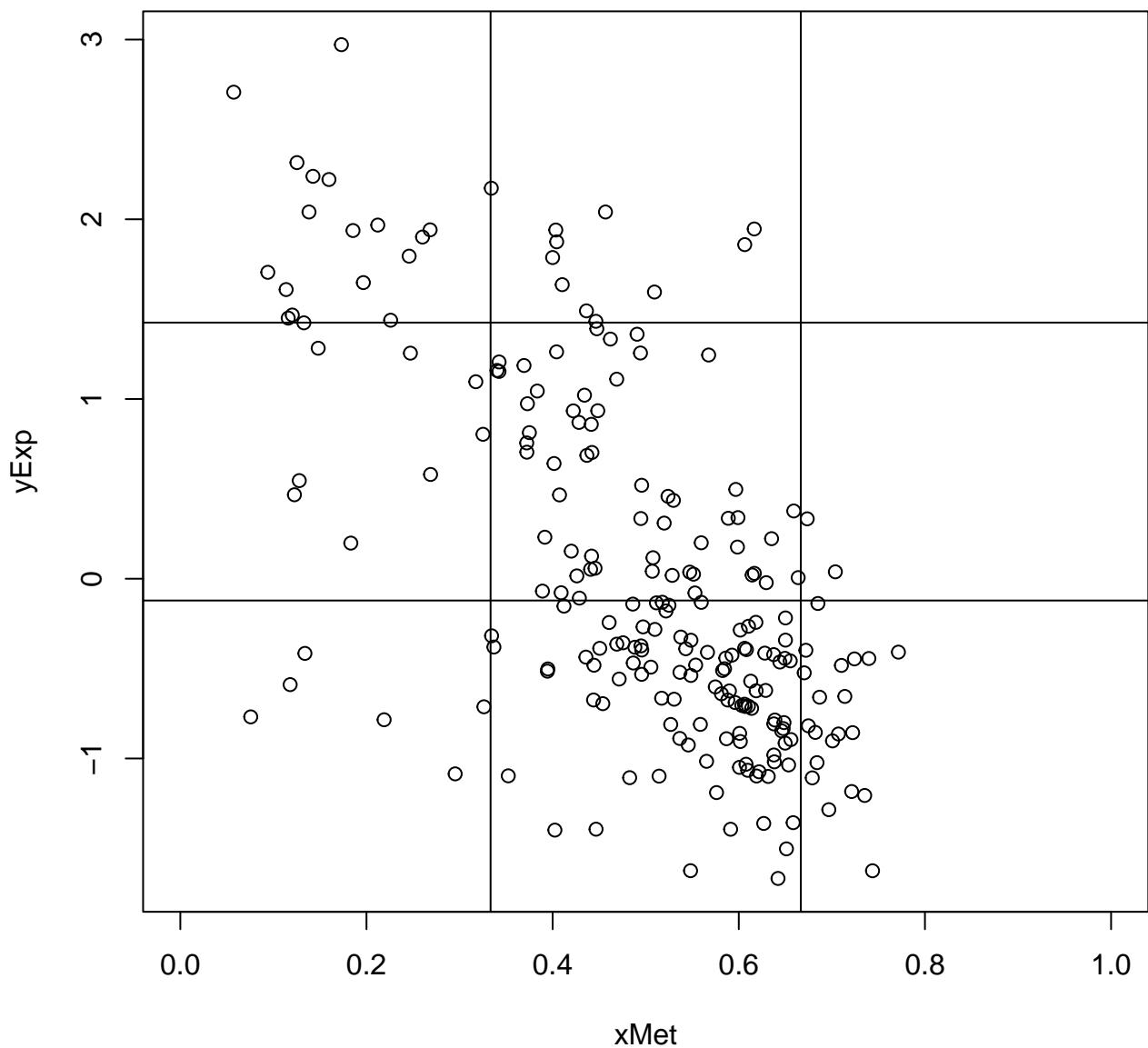
ZNF264, 178



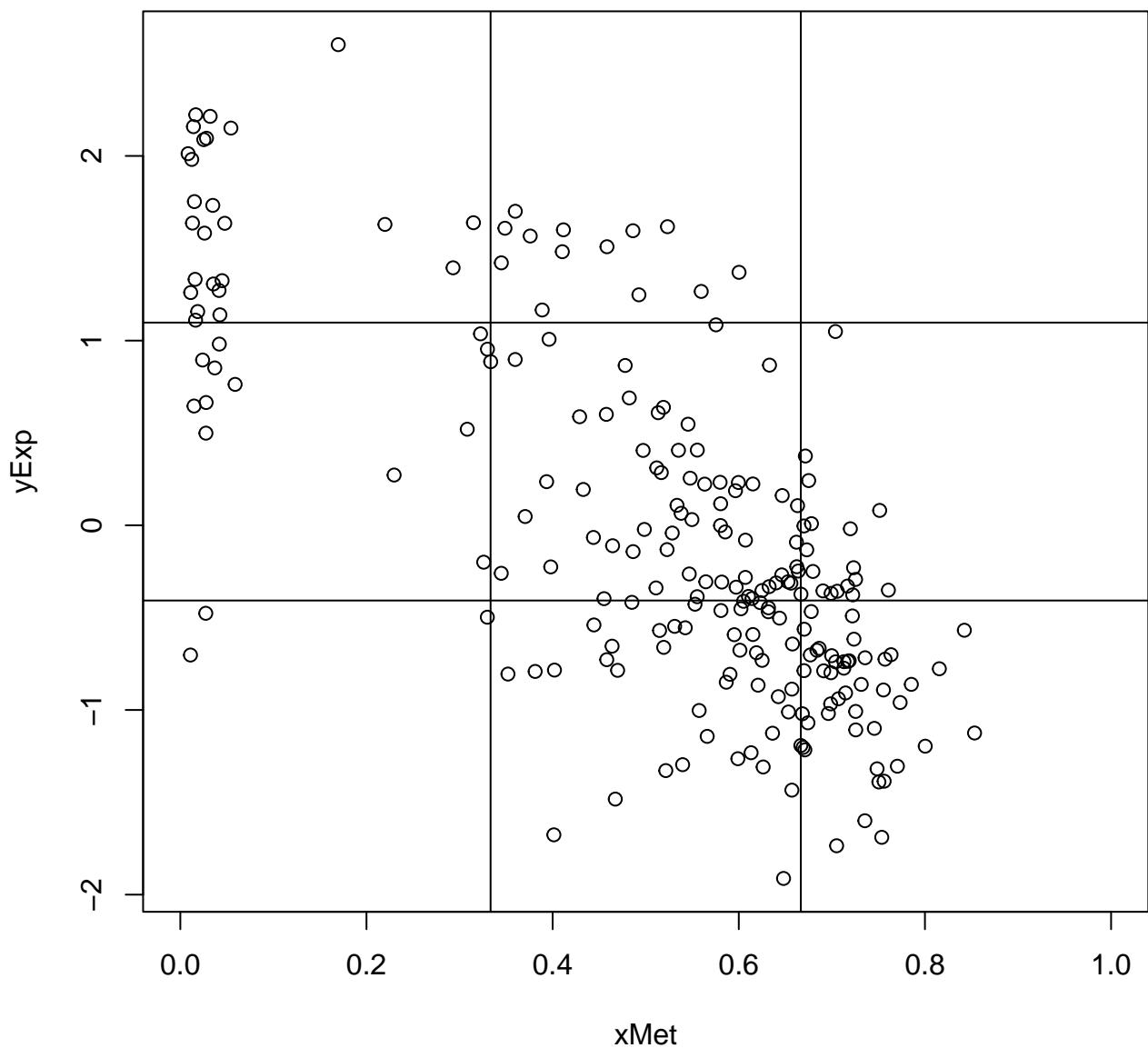
ZNF285, 128.4



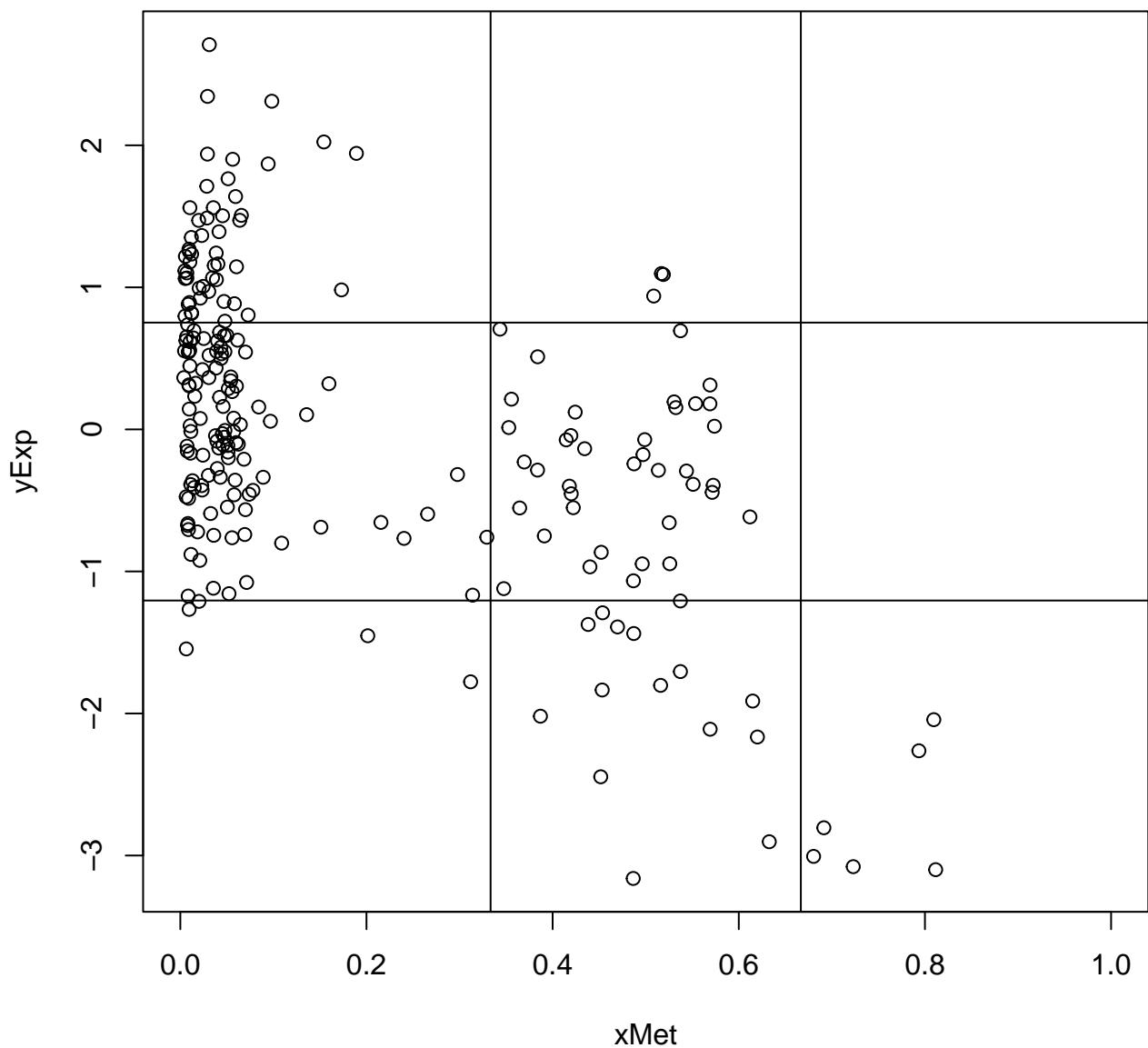
ZNF300, 165



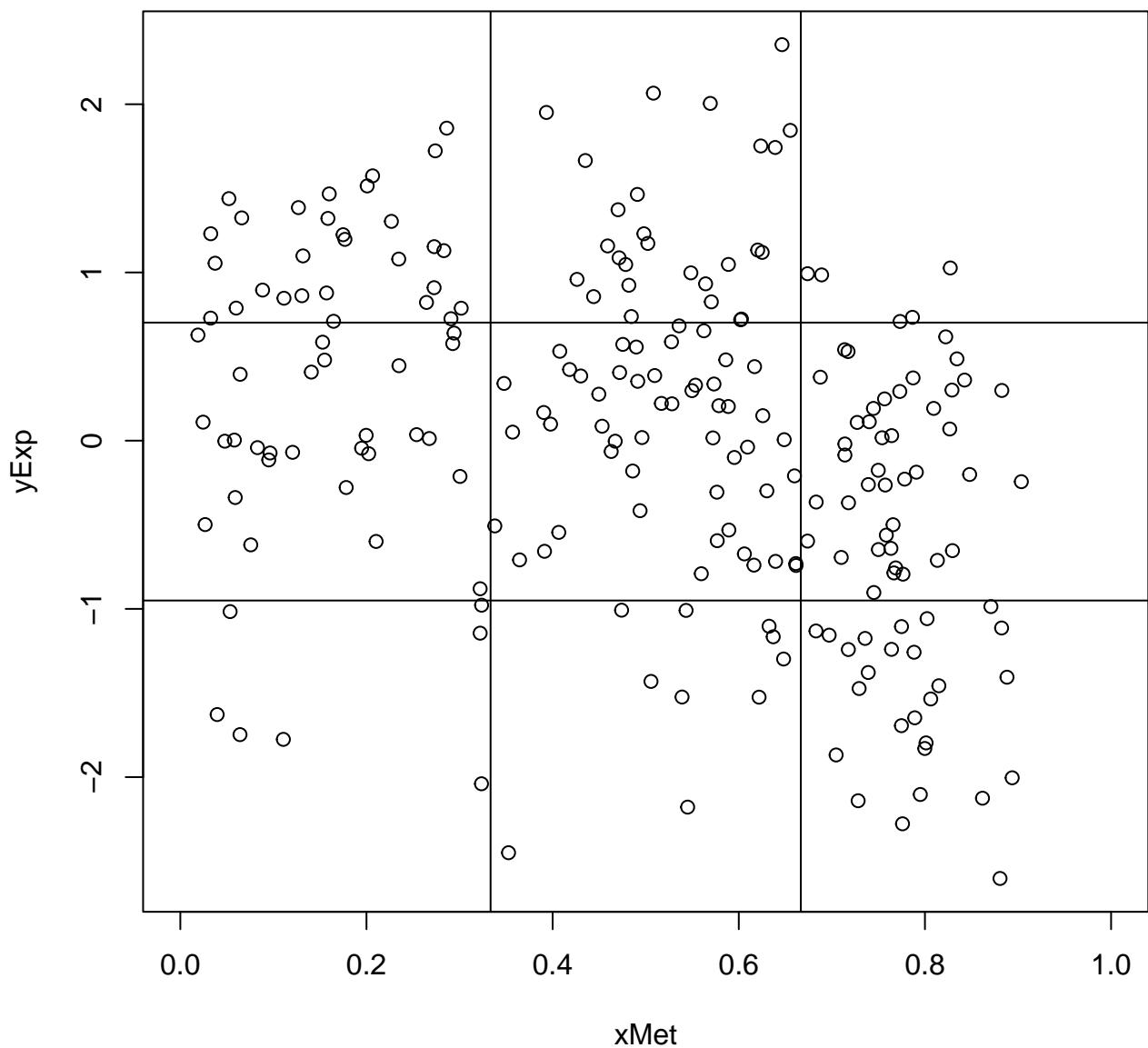
ZNF304, 139



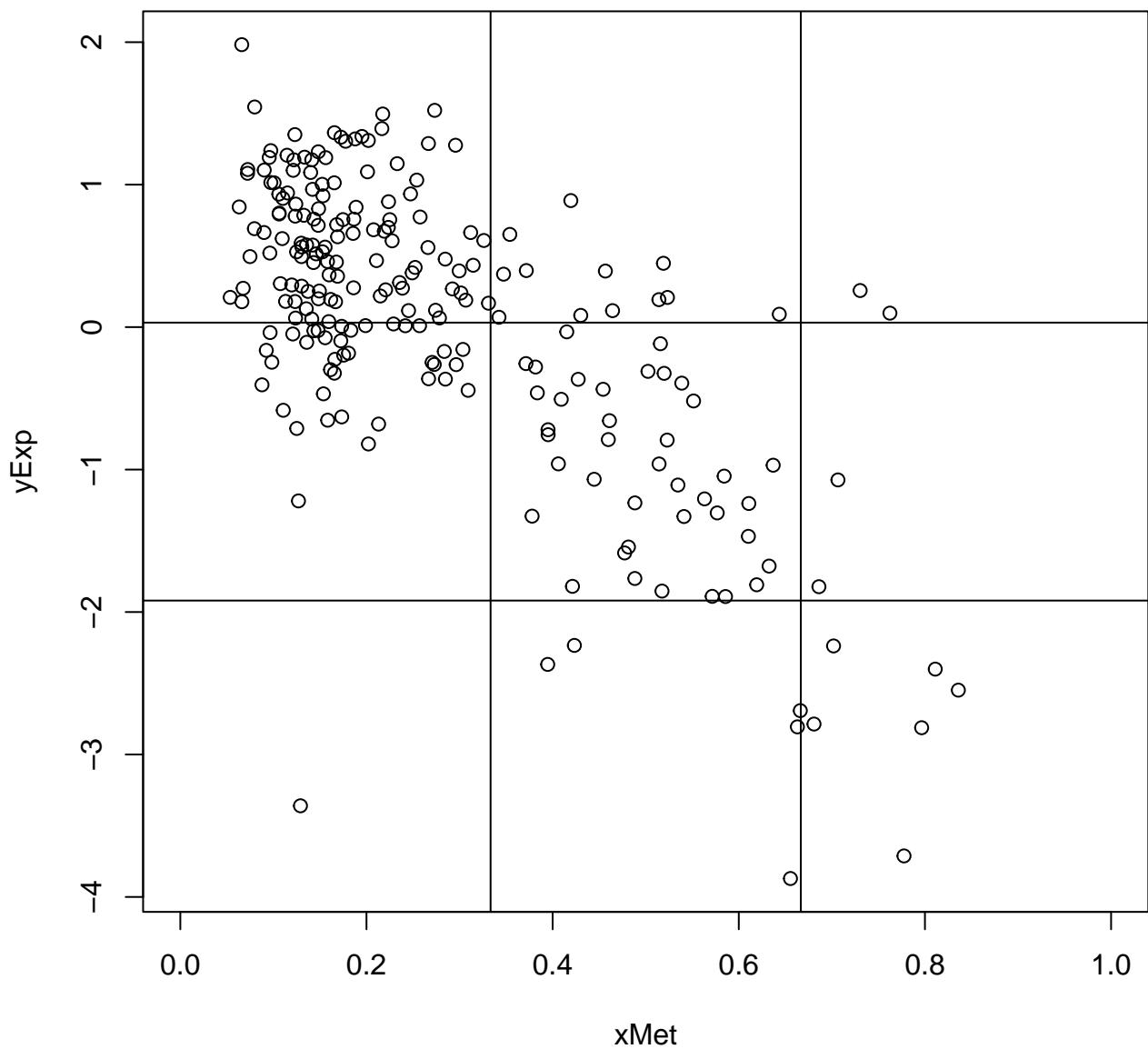
ZNF329, 232



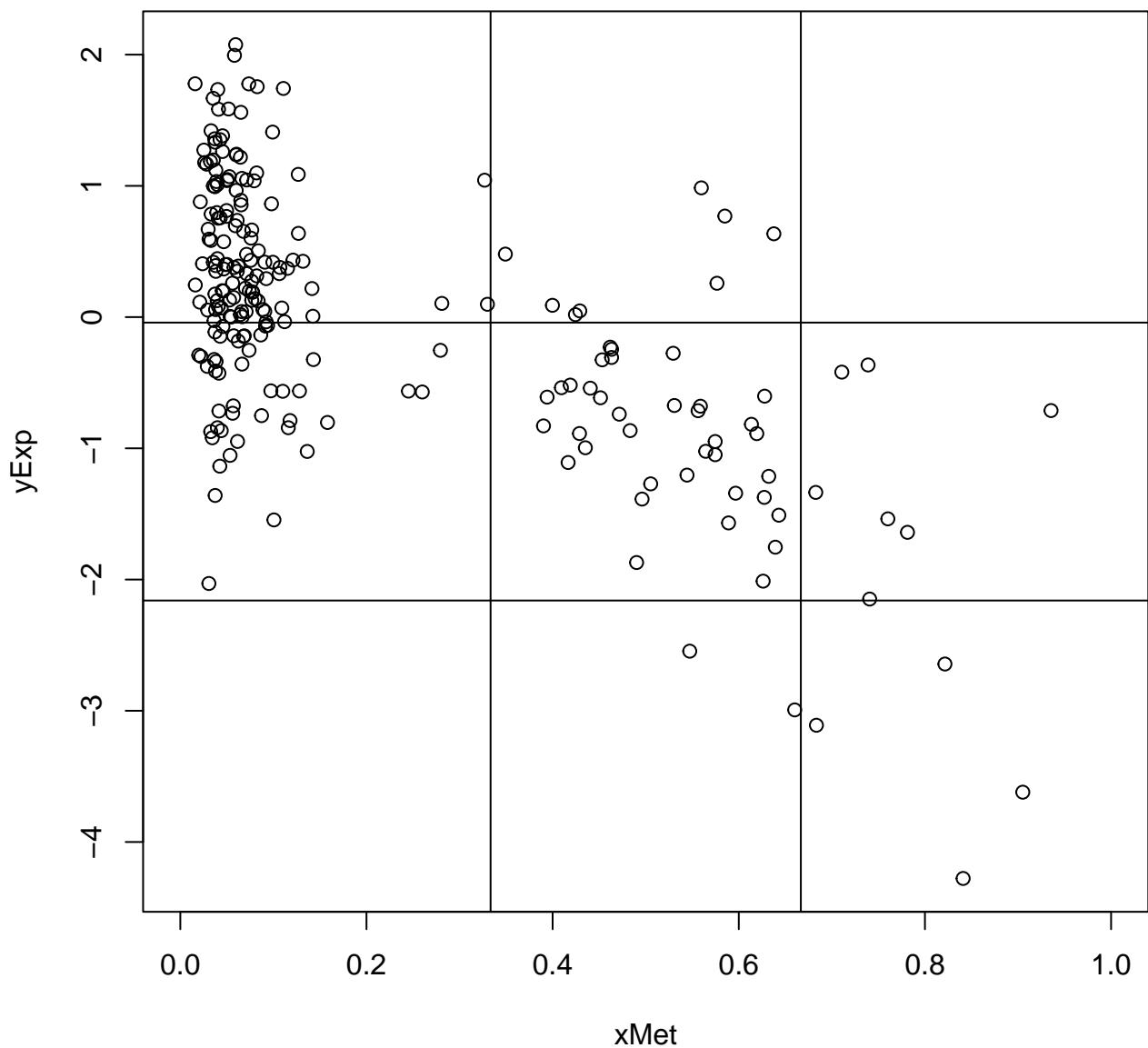
ZNF331, -205



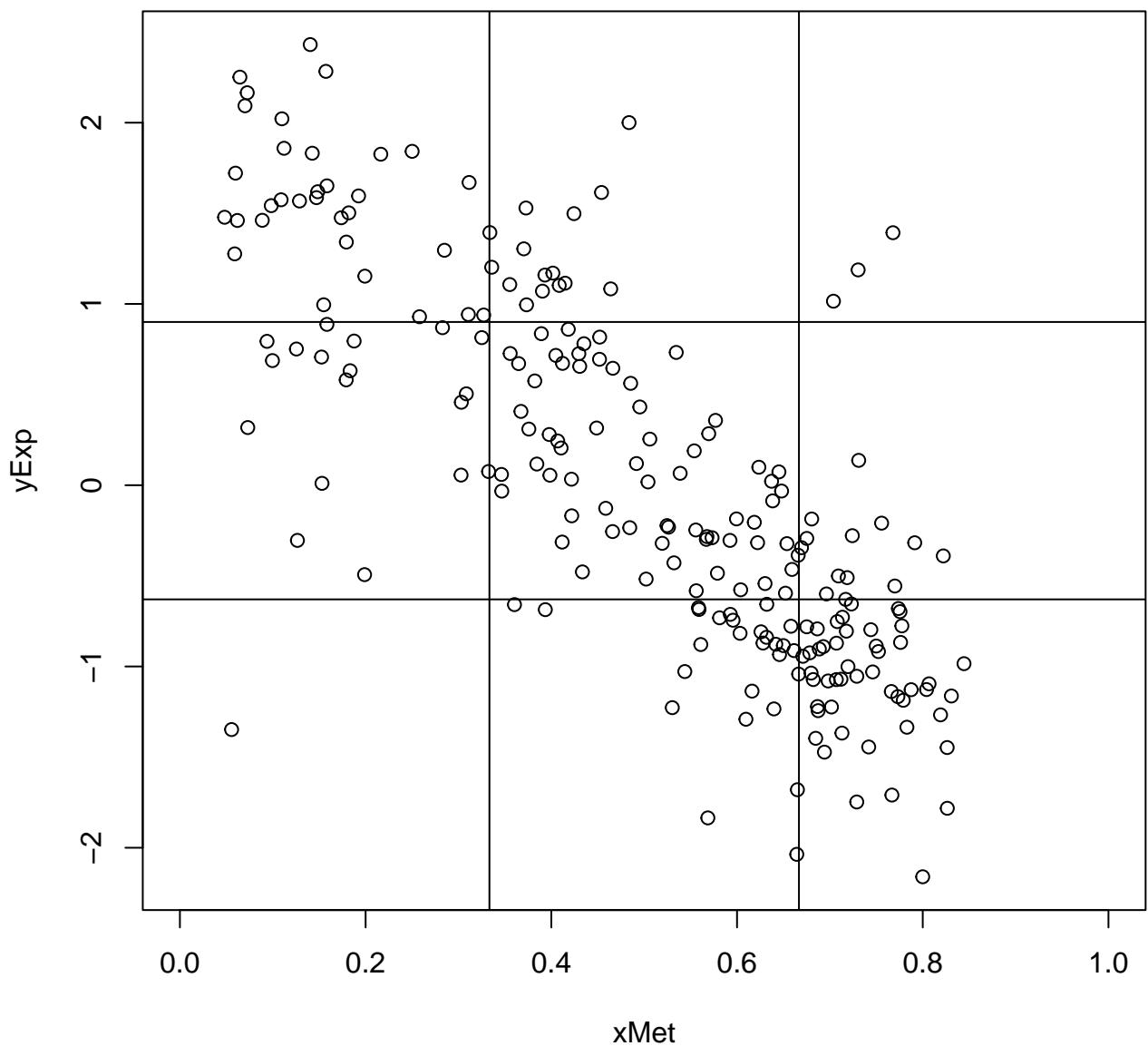
ZNF350, 175.8



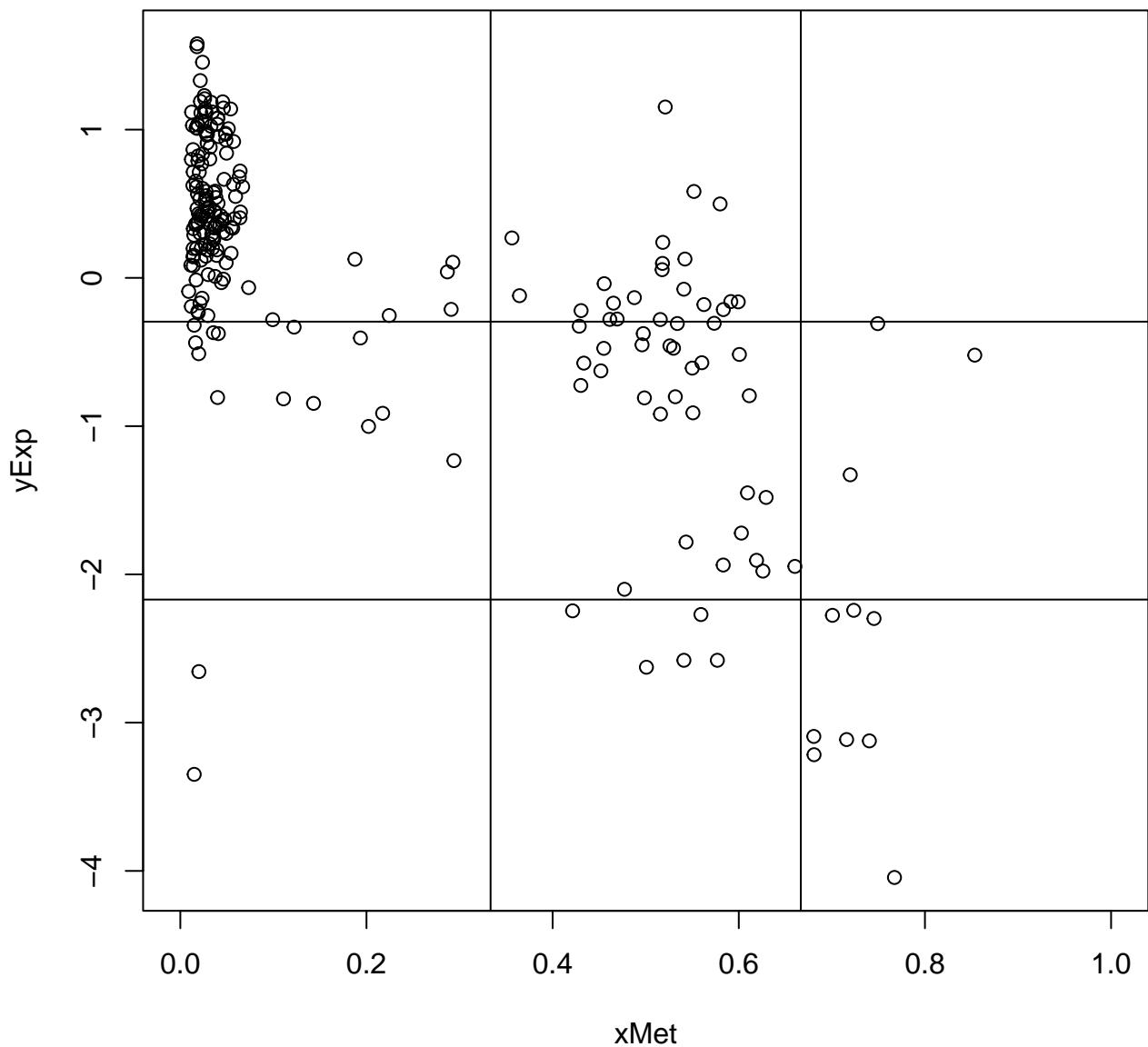
ZNF512, 268



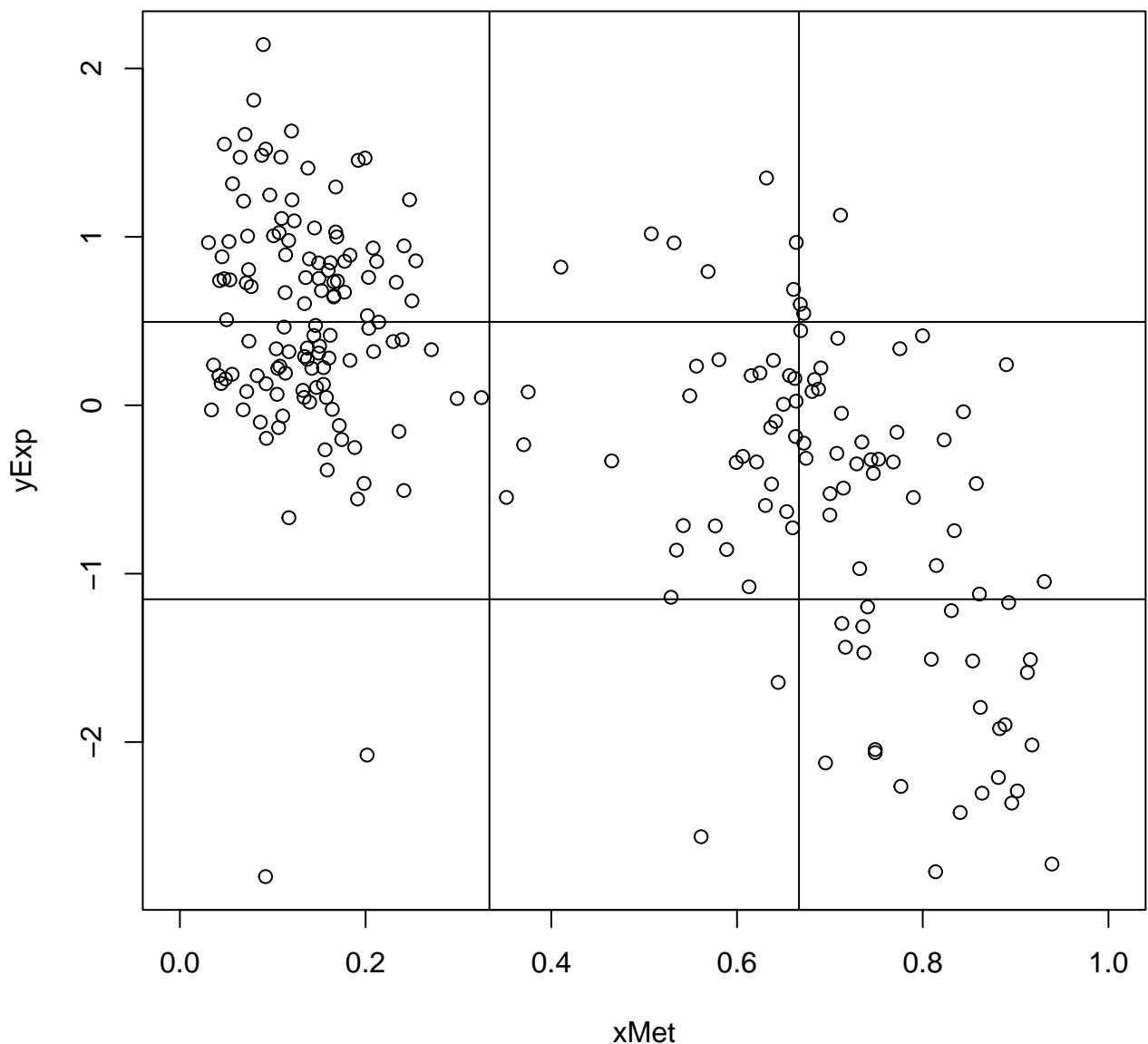
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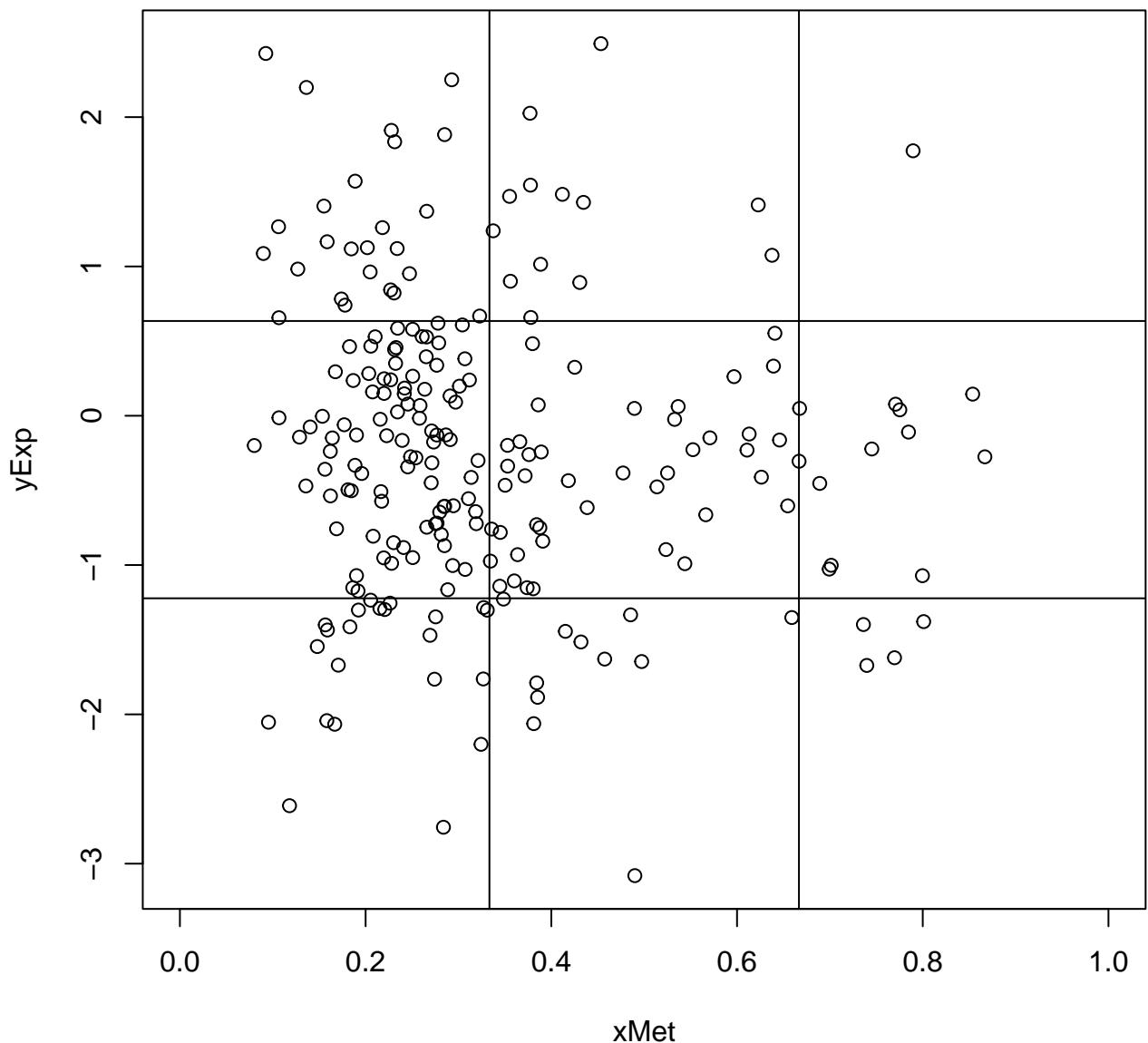
ZNF550, 274



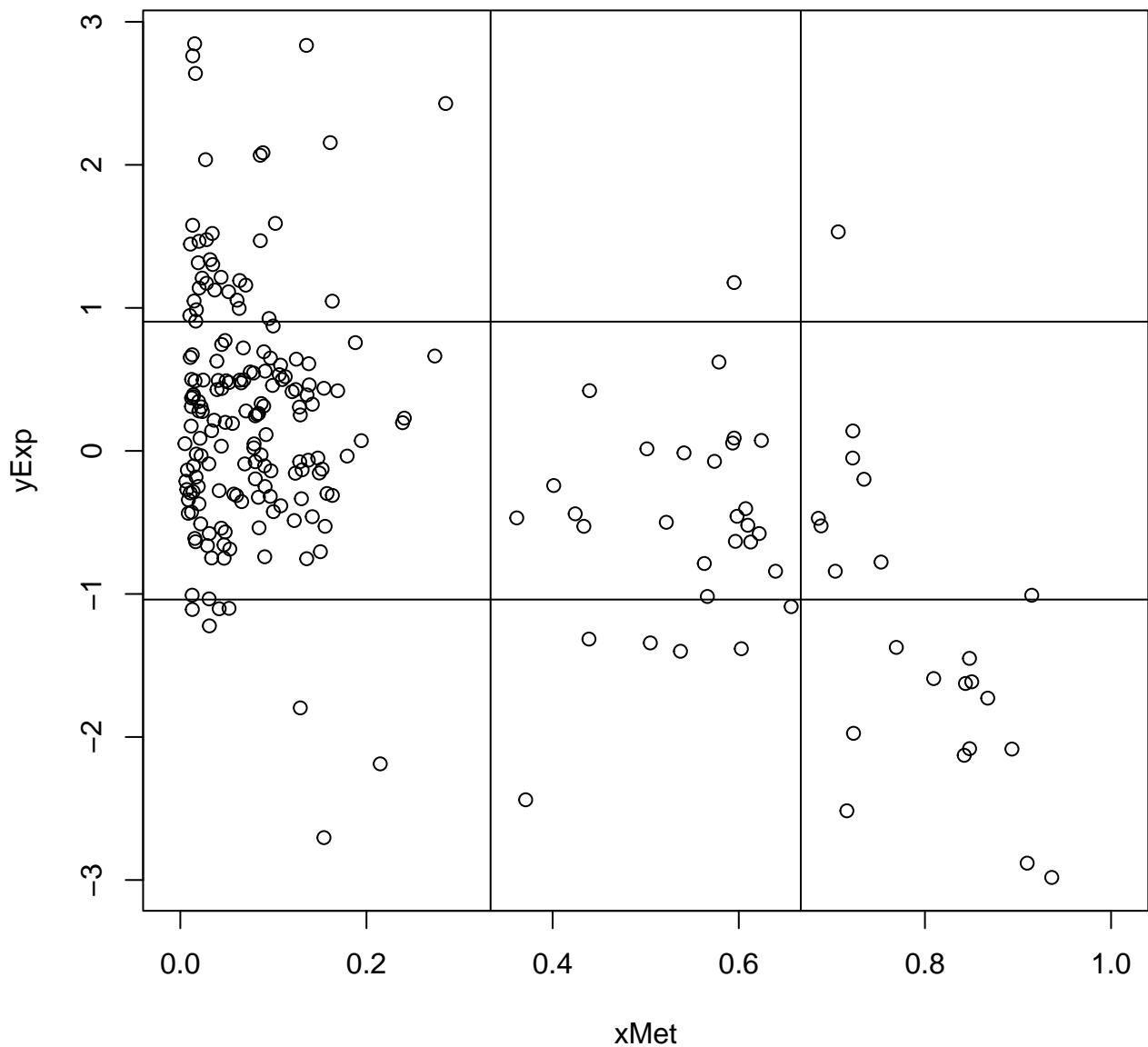
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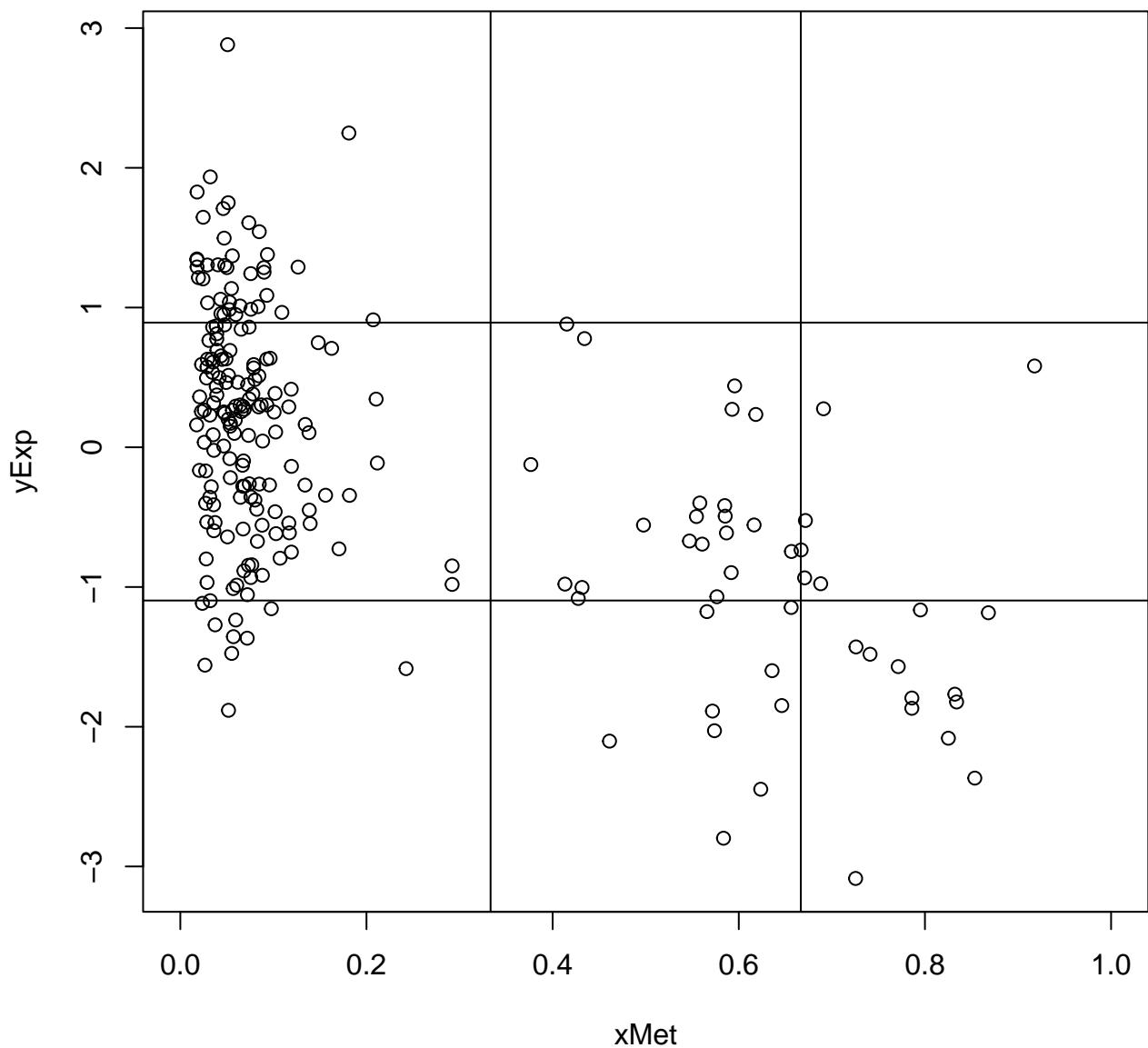
ZNF593, 89.4



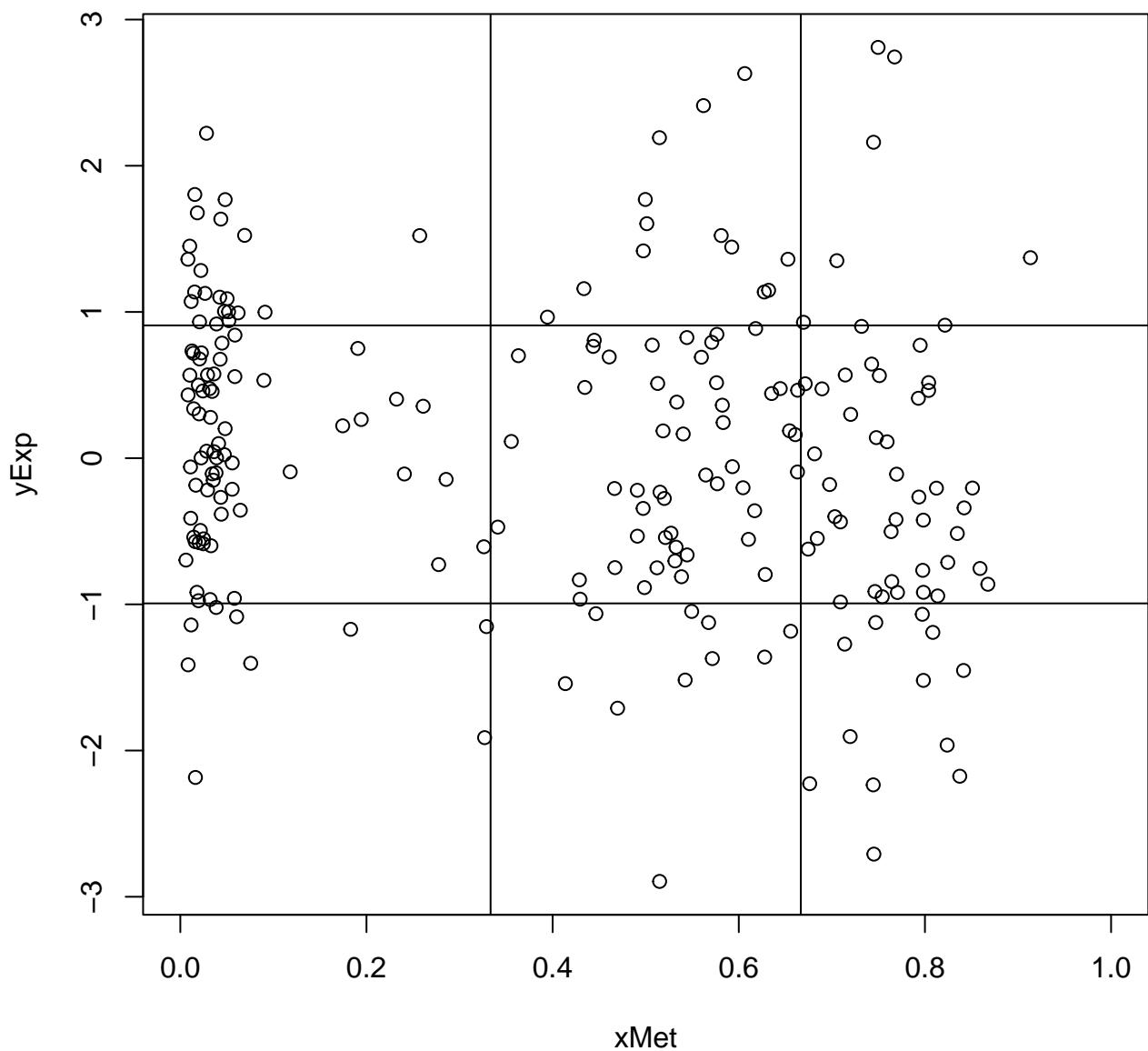
ZNF614, 176.4



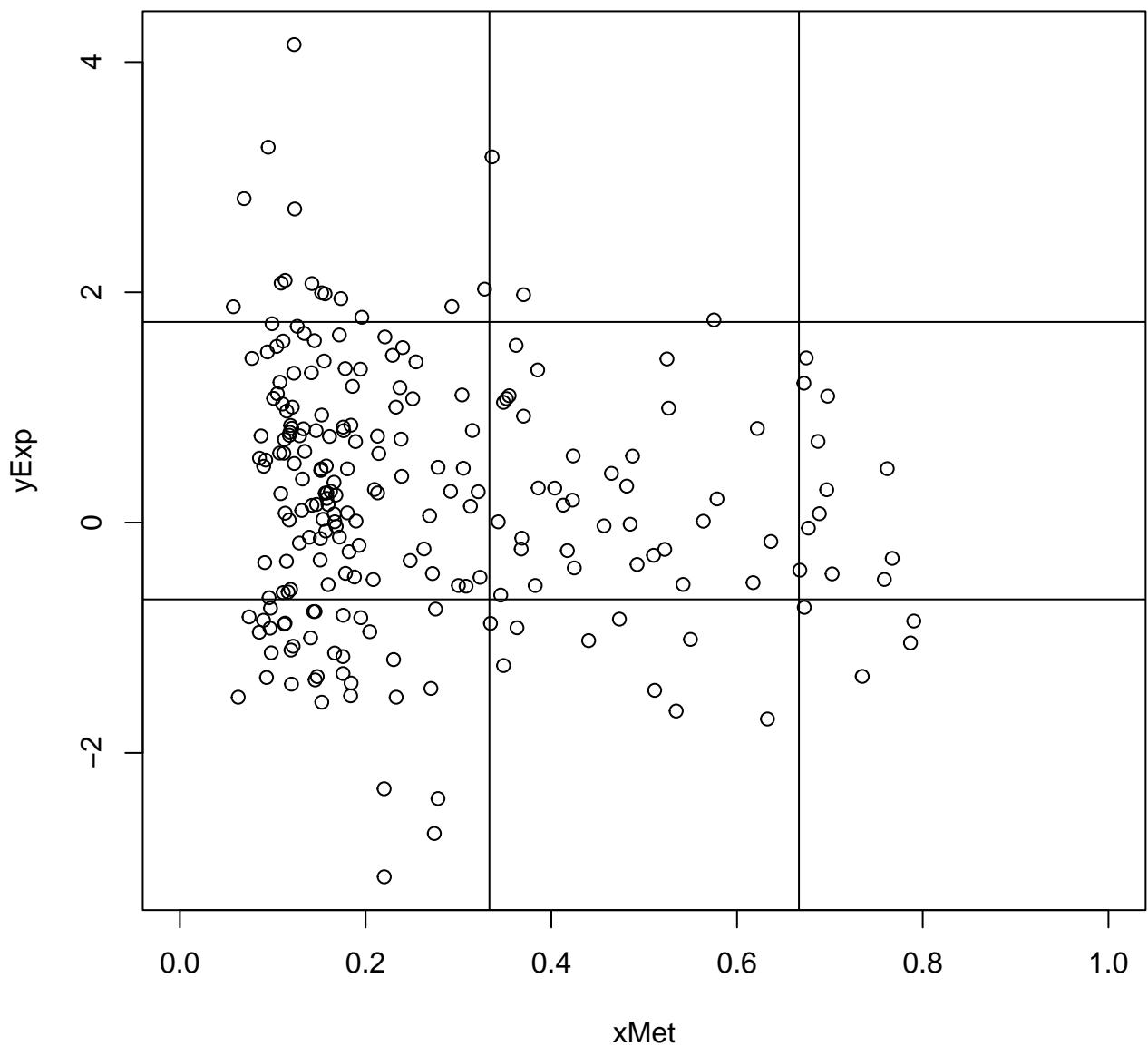
ZNF681, 235



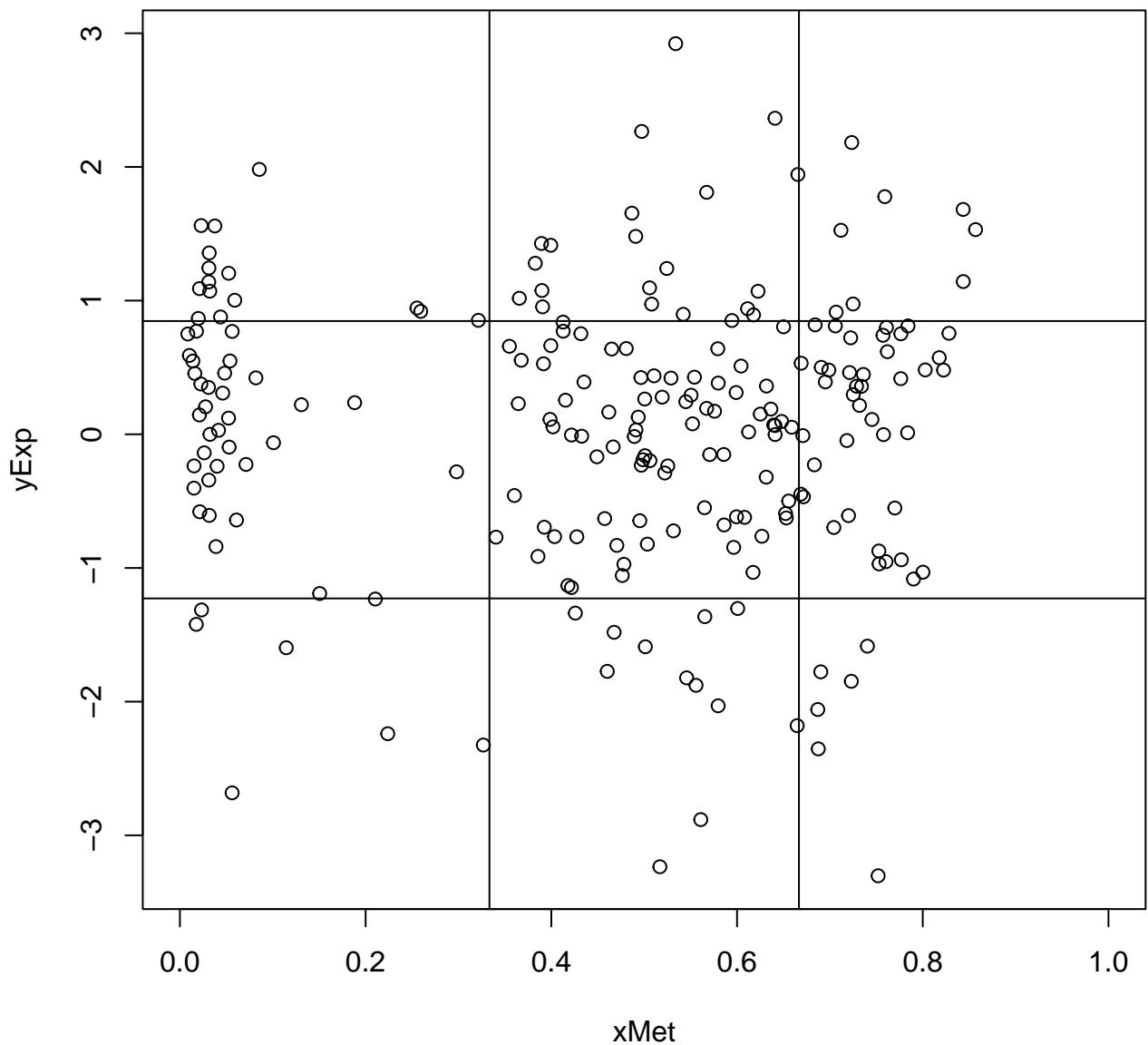
ZNF781, -268.2



ZNF800, 162



ZSCAN12, -384.8



ZSCAN18, 154

