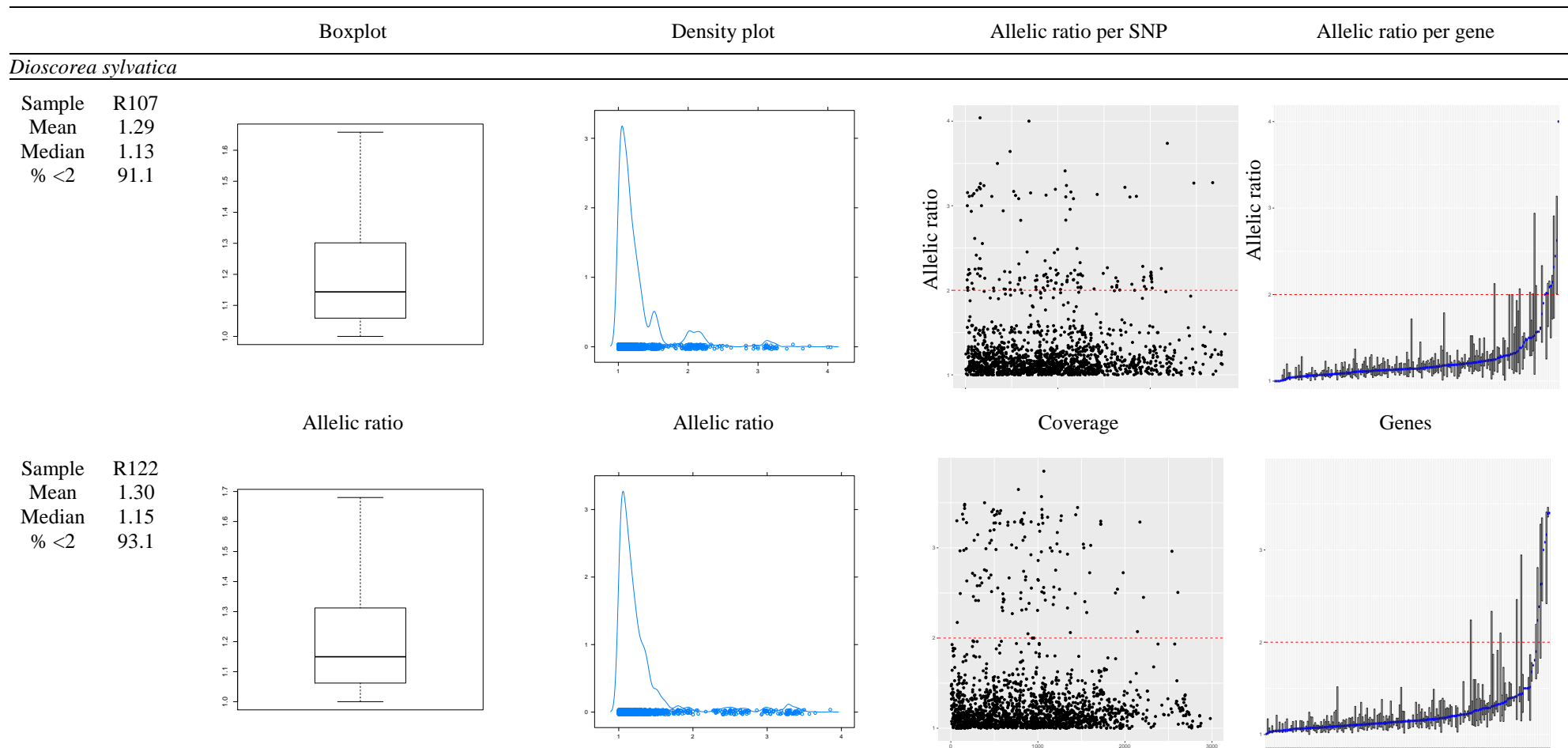
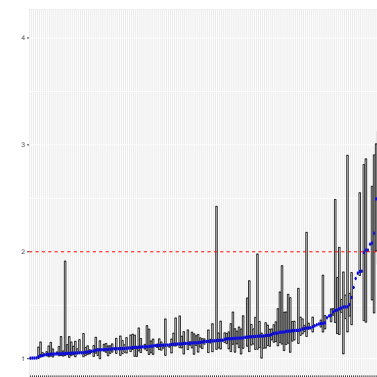
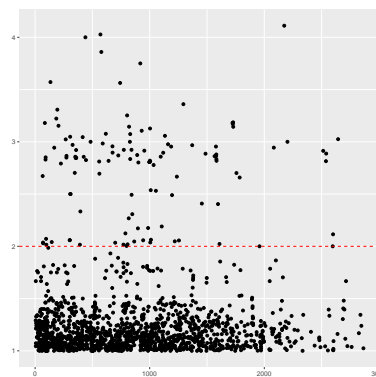
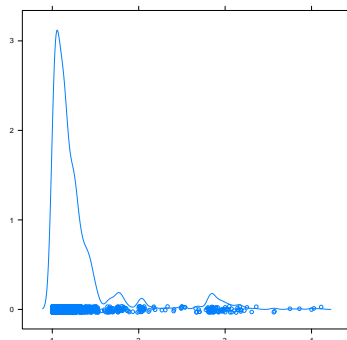
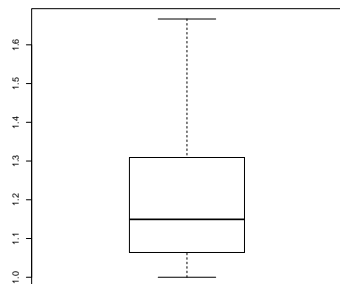


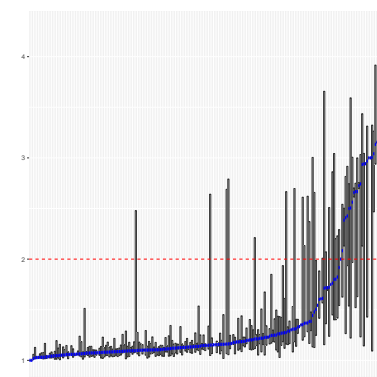
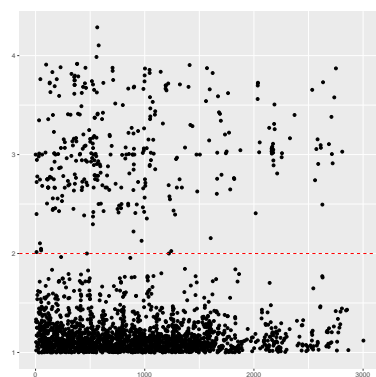
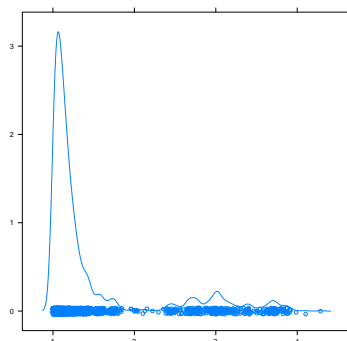
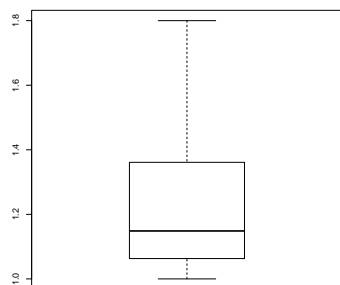
Supplementary Table 4. Estimation of the average and median allelic ratios, the percentage of SNPs with an allelic ratio <2 ($\% <2$) together with boxplots, density plots, allelic ratio and coverage per SNP and boxplot per gene of the allelic ratios of the samples studied; respectively. Red lines represent an allelic ratio of two. Blue lines in allelic ratio per gene graphic represent the median values.



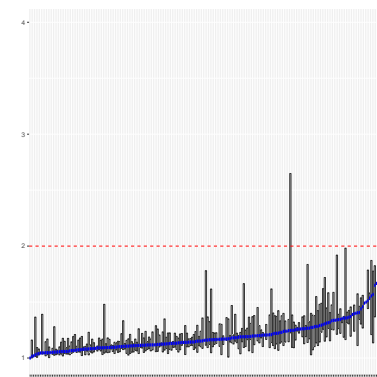
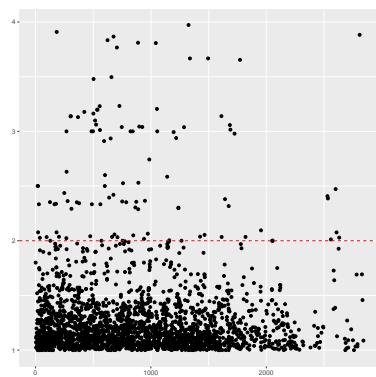
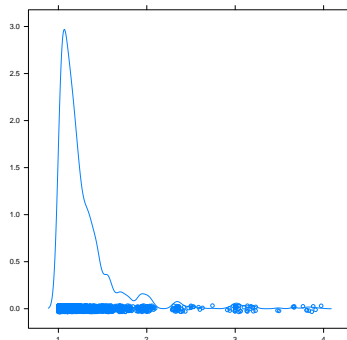
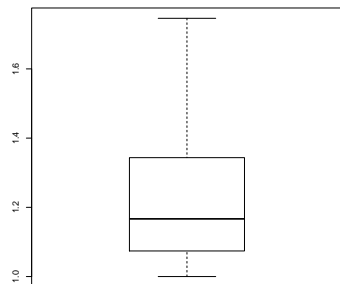
Sample R123
Mean 1.31
Median 1.15
% <2 92.4



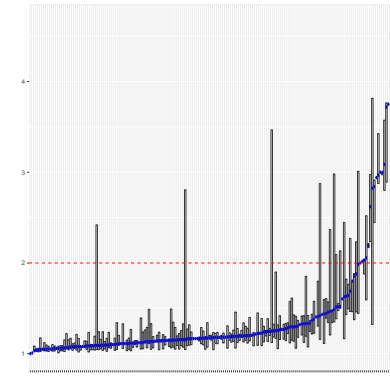
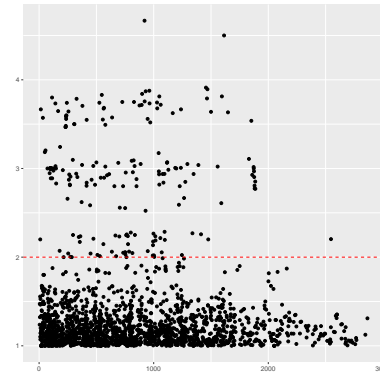
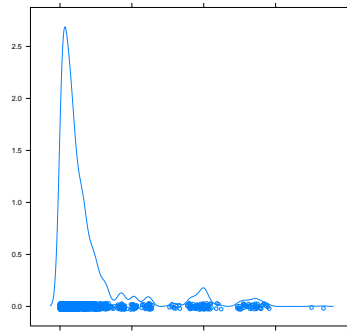
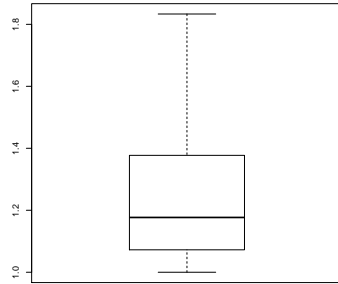
Sample R144
Mean 1.46
Median 1.15
% <2 84.8



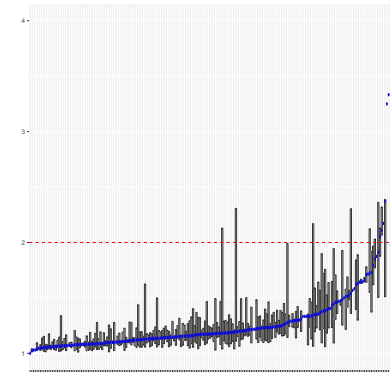
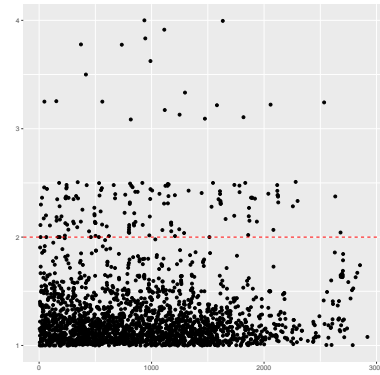
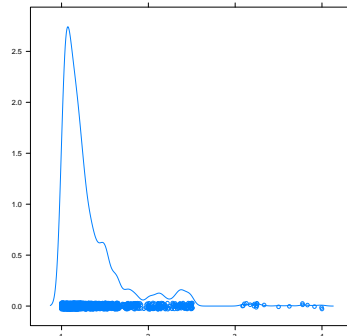
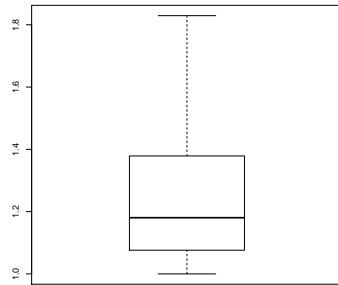
Sample R145
Mean 1.28
Median 1.17
% <2 95.5



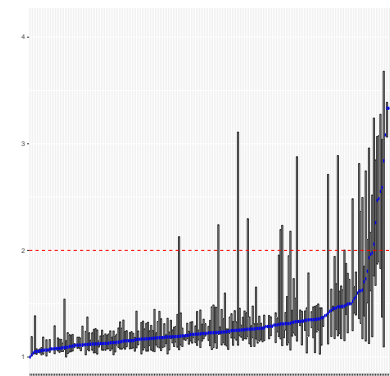
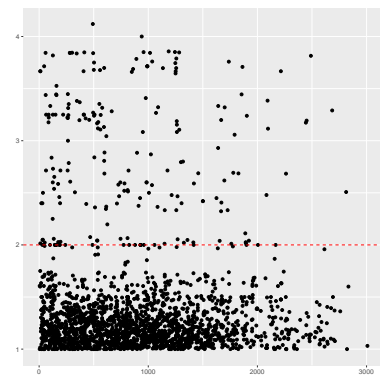
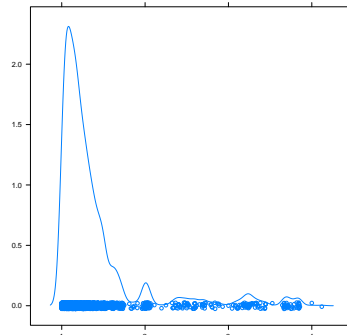
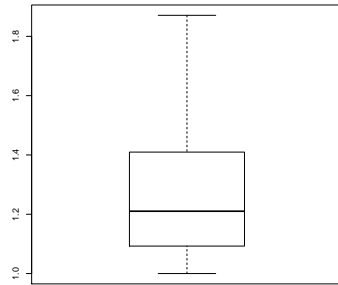
Sample R124
Mean 1.39
Median 1.18
% <2 89.64



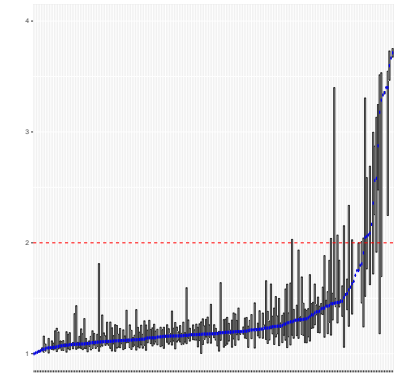
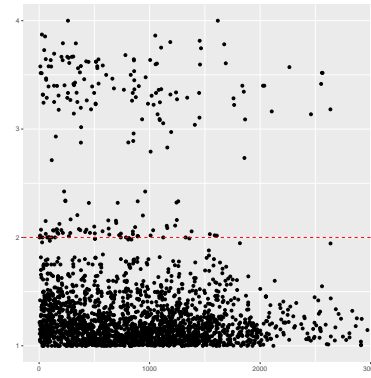
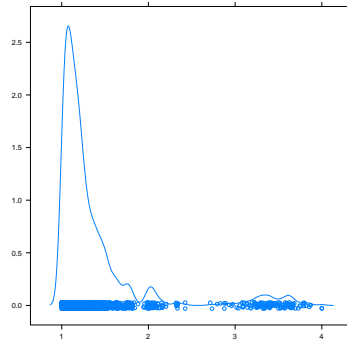
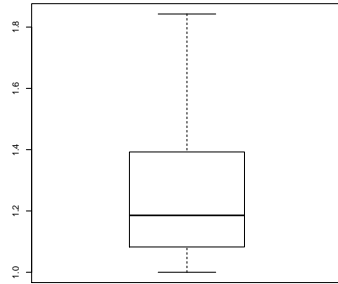
Sample R143
Mean 1.31
Median 1.18
% <2 92.7



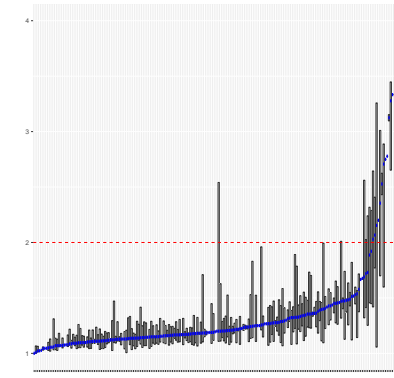
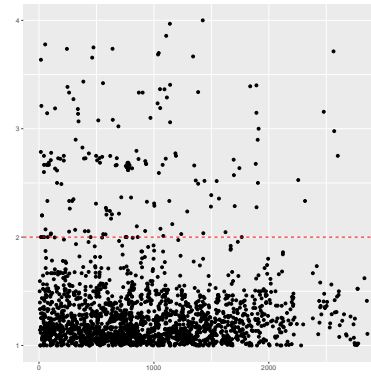
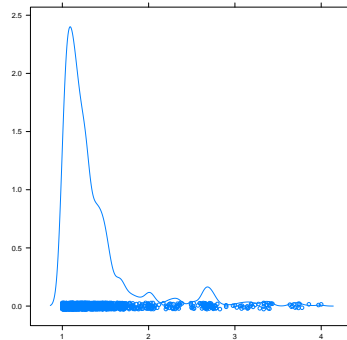
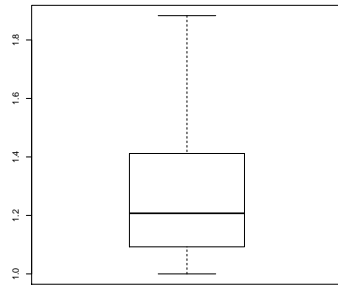
Sample R112
Mean 1.39
Median 1.21
% <2 90.1



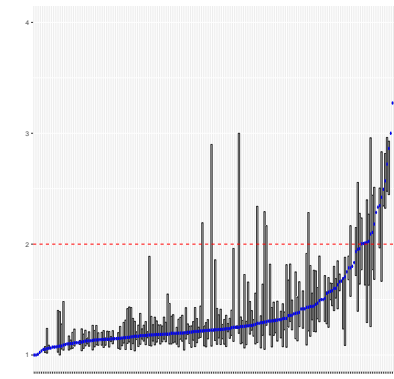
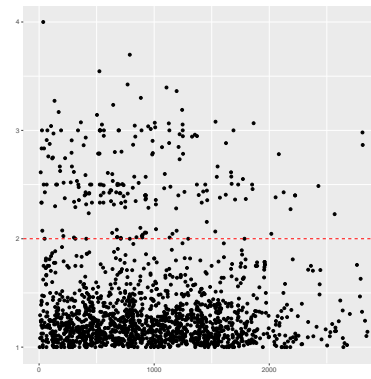
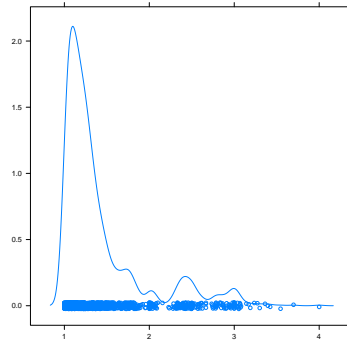
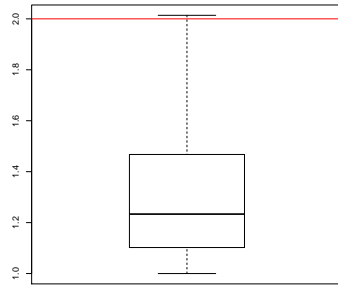
Sample R104
Mean 1.37
Median 1.19
% <2 91.2



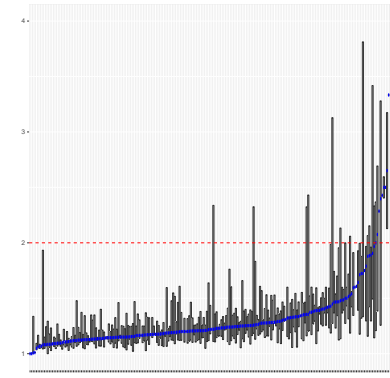
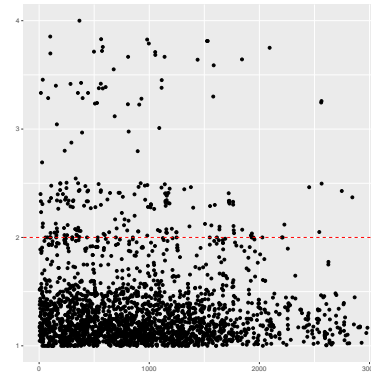
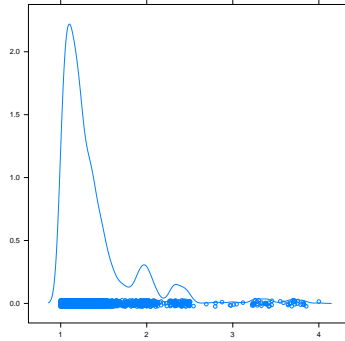
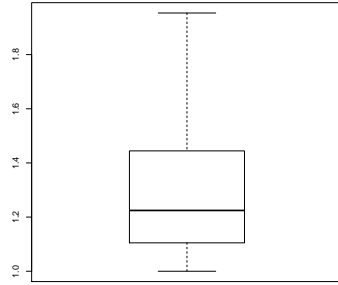
Sample Z59
Mean 1.36
Median 1.21
% <2 91.7



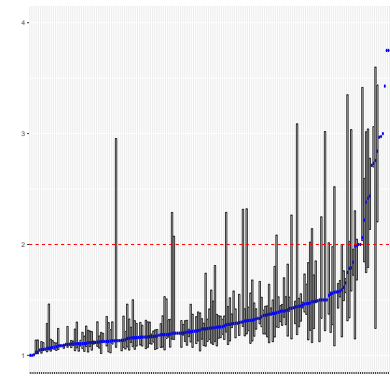
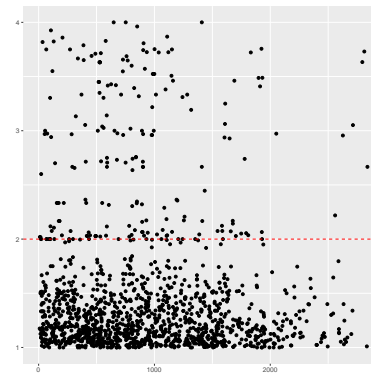
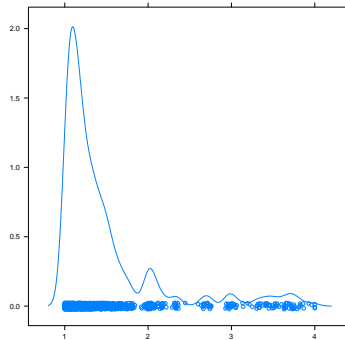
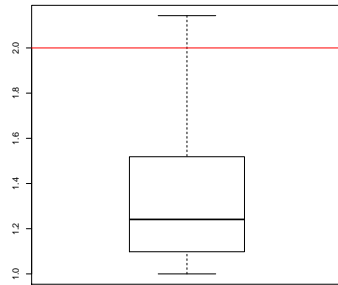
Sample R111
Mean 1.42
Median 1.23
% <2 87.3



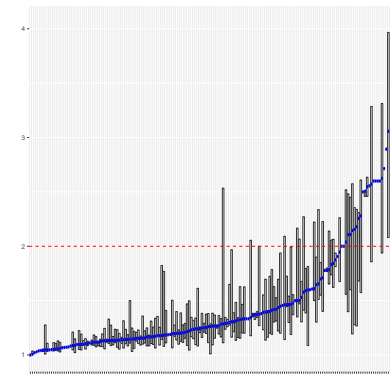
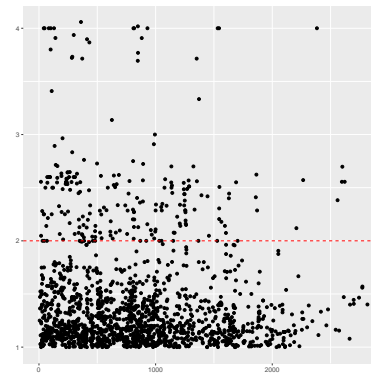
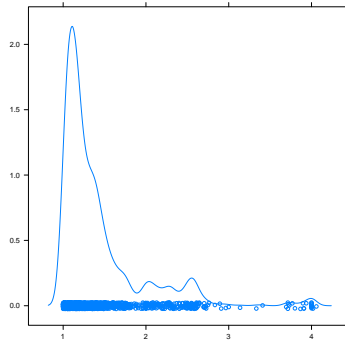
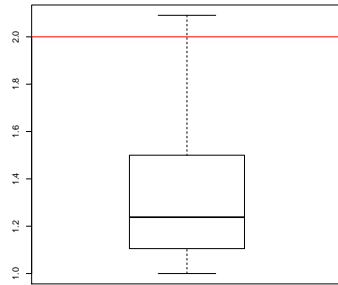
Sample R136
Mean 1.38
Median 1.22
% <2 90.9



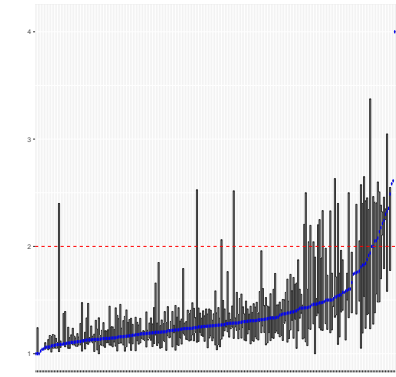
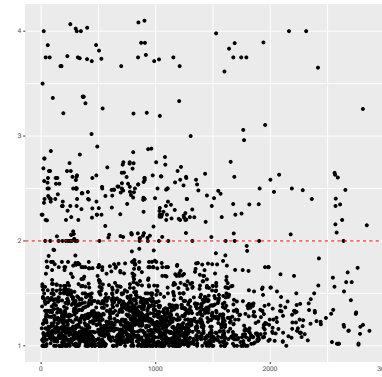
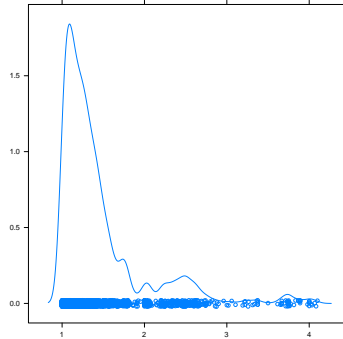
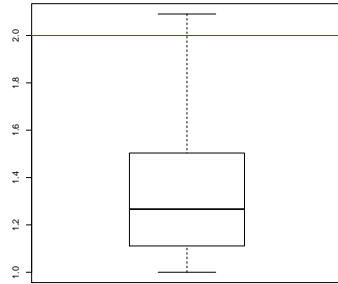
Sample R106
Mean 1.47
Median 1.24
% <2 85.5



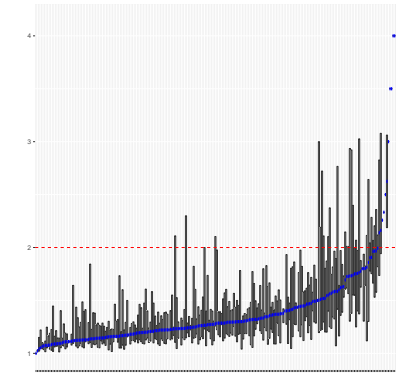
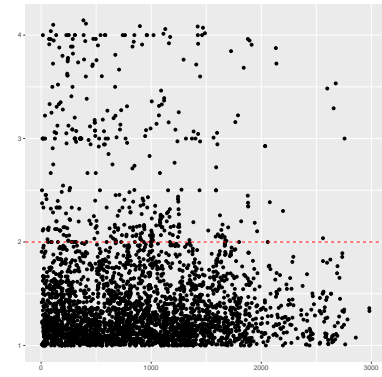
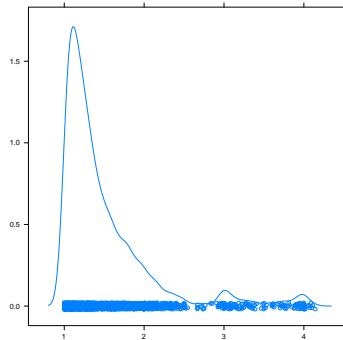
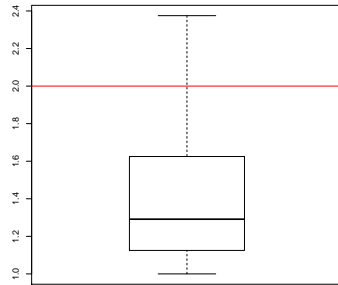
Sample R135
Mean 1.43
Median 1.24
% <2 84.5



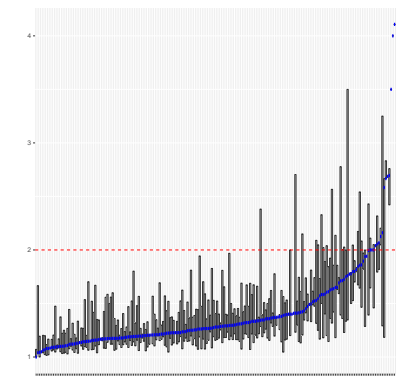
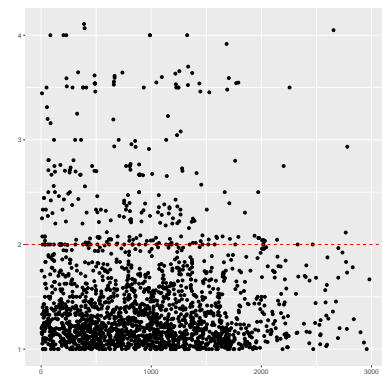
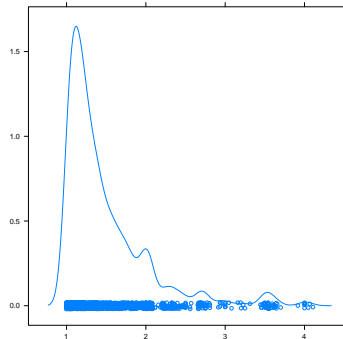
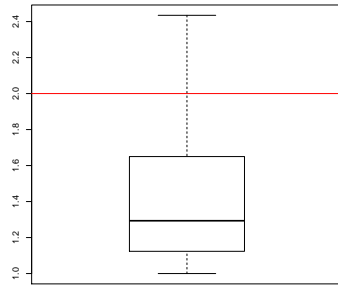
Sample R142
Mean 1.45
Median 1.27
% <2 86.4



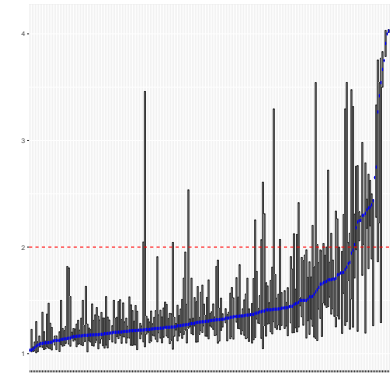
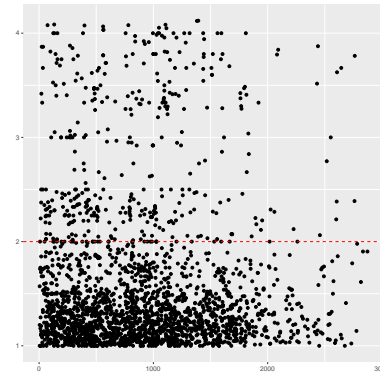
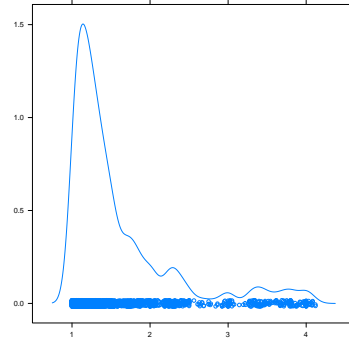
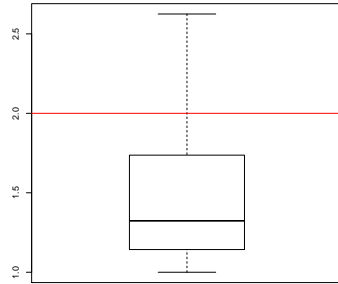
Sample R139
Mean 1.49
Median 1.9
% <2 87.8



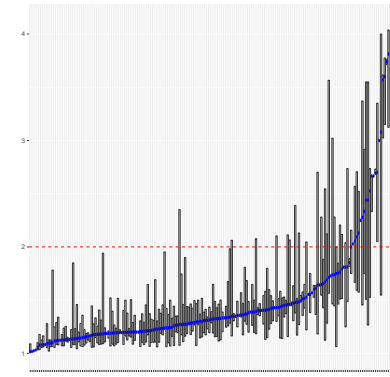
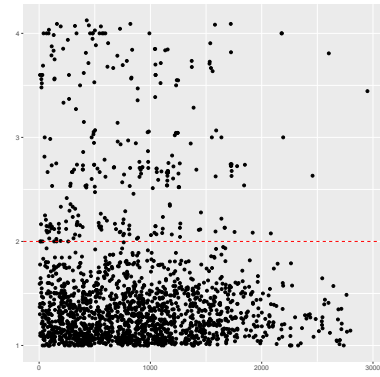
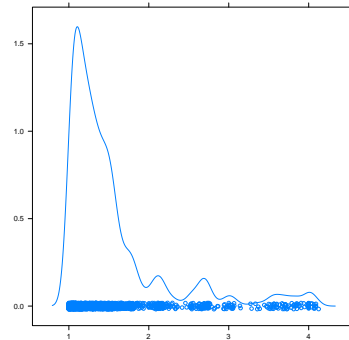
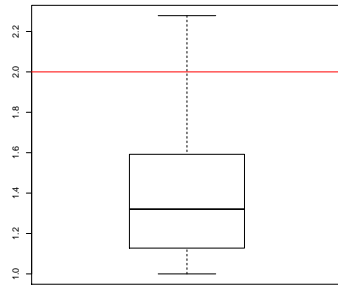
Sample R141
Mean 1.48
Median 1.29
% <2 85.6



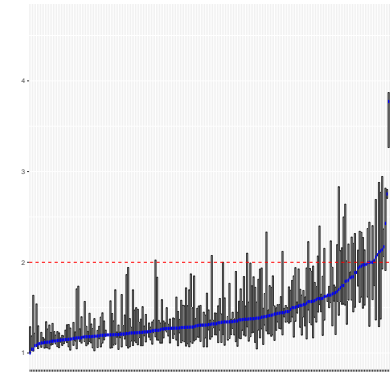
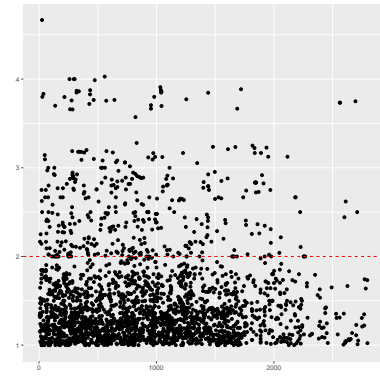
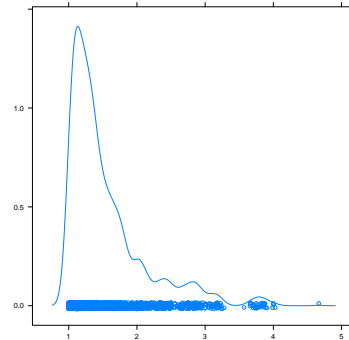
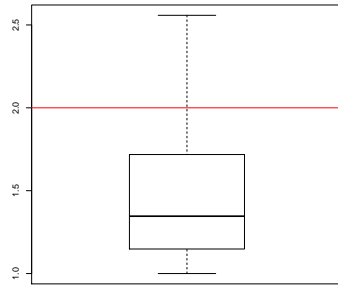
Sample R114
Mean 1.58
Median 1.32
% <2 81.8



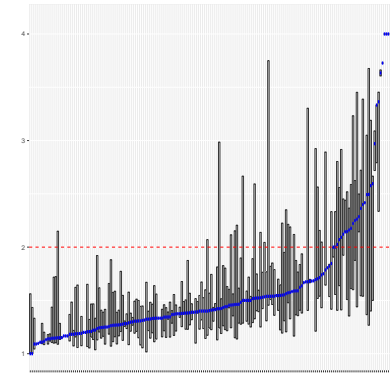
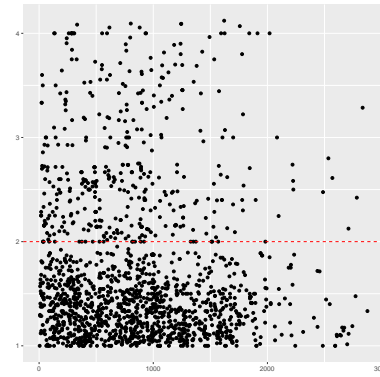
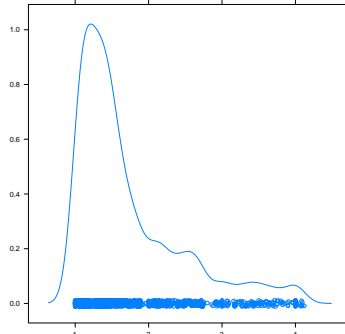
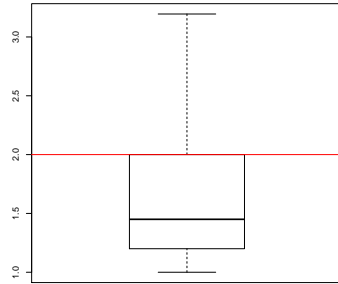
Sample R118
Mean 1.54
Median 1.32
% <2 84.8



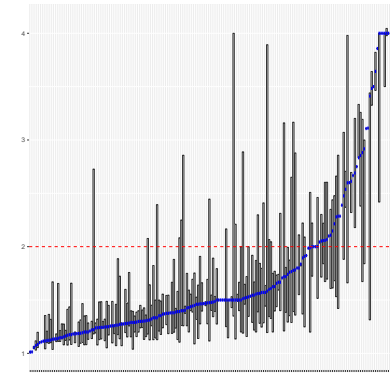
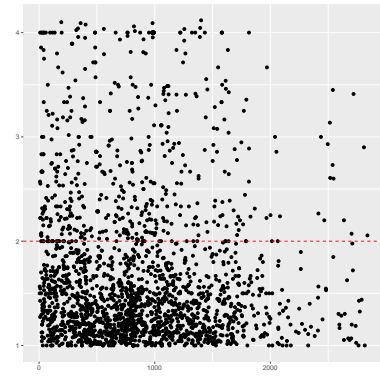
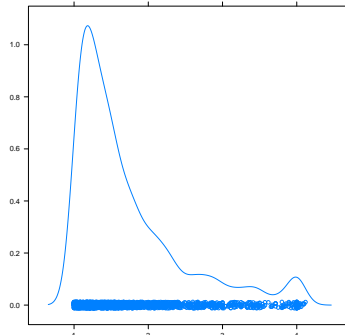
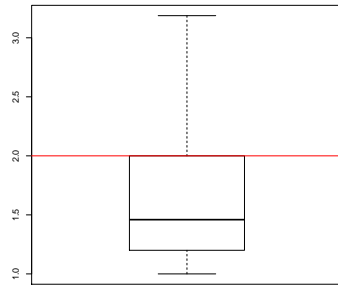
Sample R121
Mean 1.54
Median 1.34
% <2 83.0



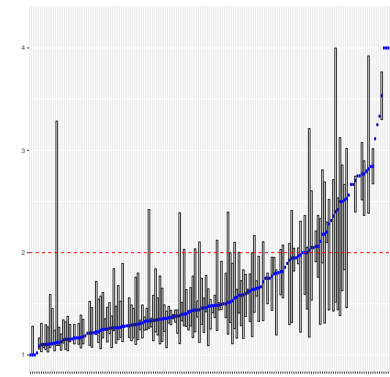
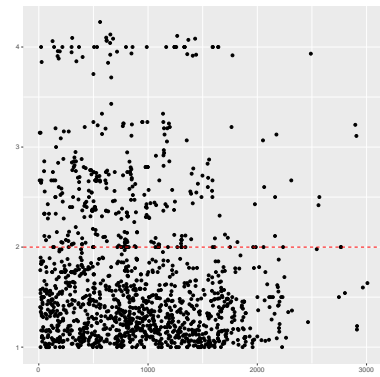
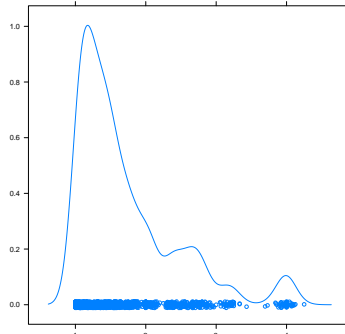
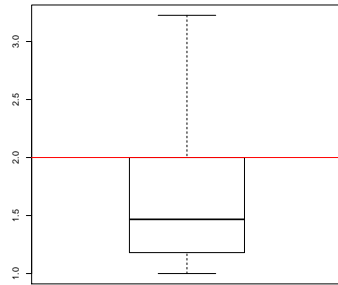
Sample R134
Mean 1.71
Median 1.45
% <2 74.2



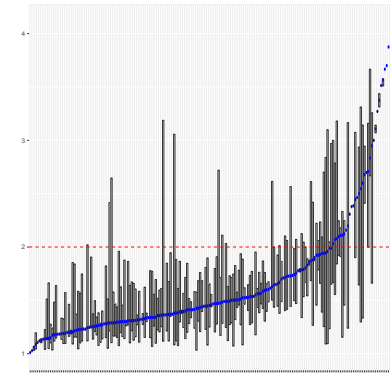
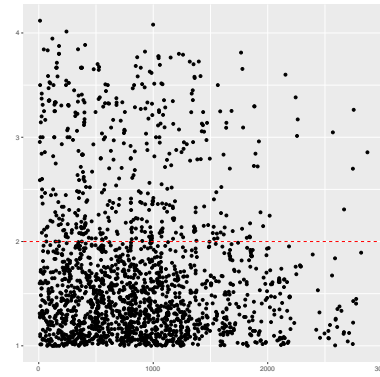
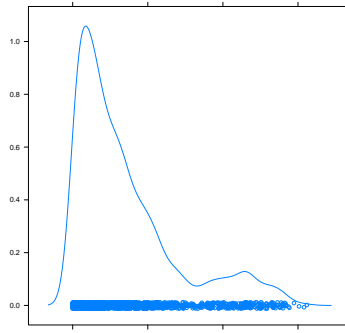
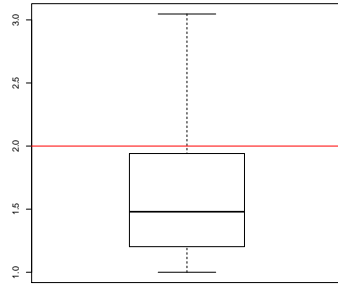
Sample R117
Mean 1.72
Median 1.46
% <2 74.9



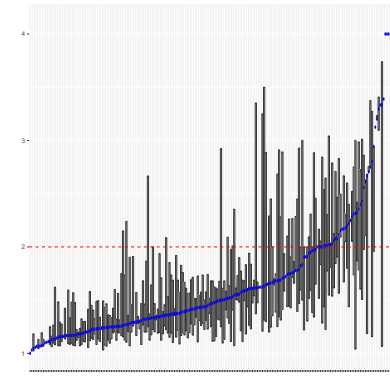
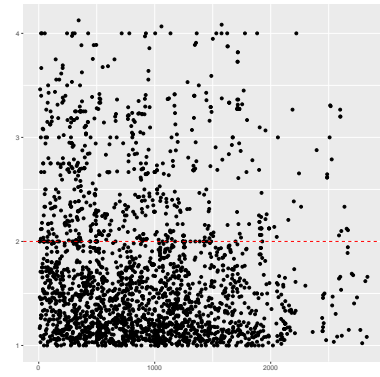
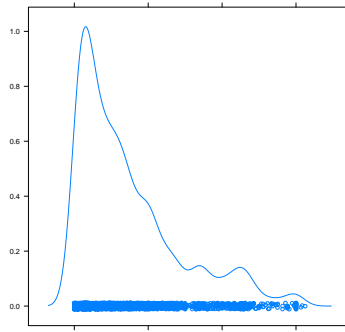
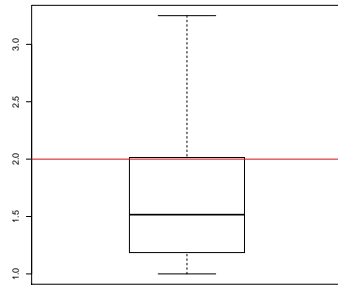
Sample R120
Mean 1.71
Median 1.47
% <2 73.1



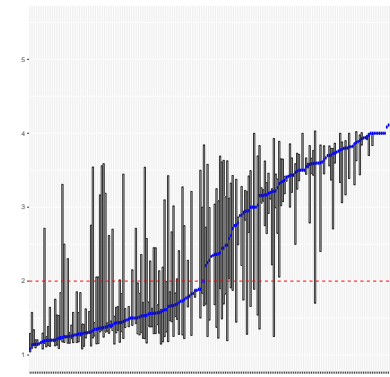
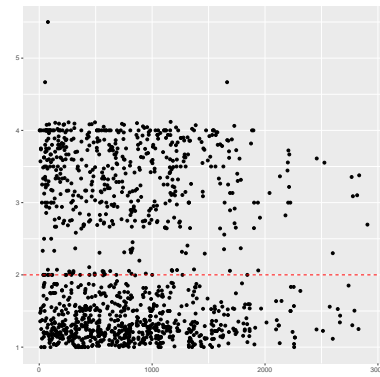
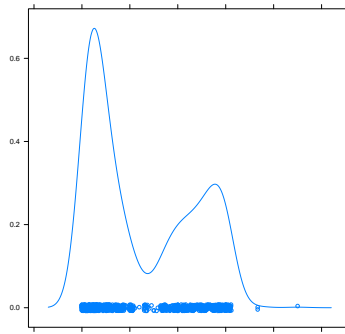
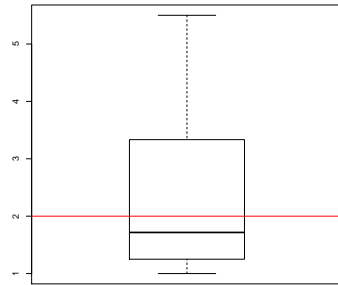
Sample S49
Mean 1.70
Median 1.48
% <2 77.04



Sample R126
Mean 1.73
Median 1.52
% <2 72.6

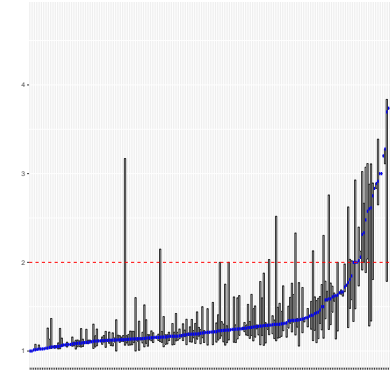
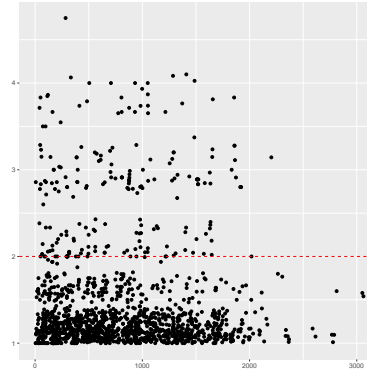
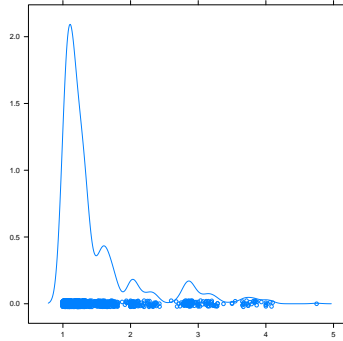
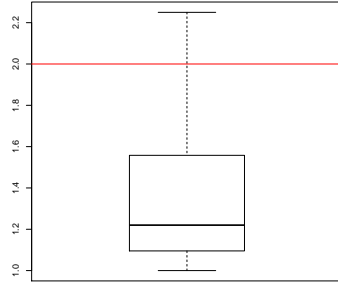


Sample R103
Mean 2.22
Median 1.72
% <2 55.6

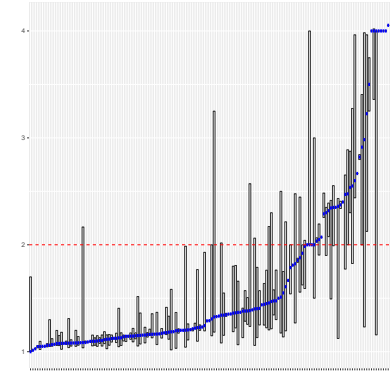
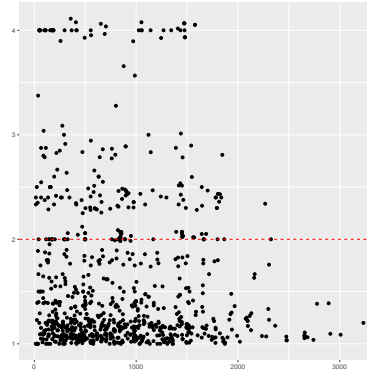
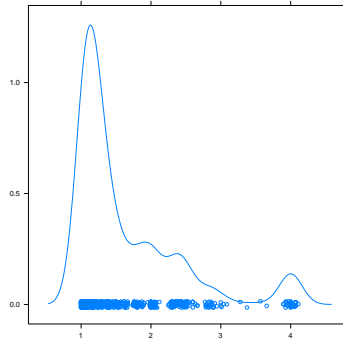
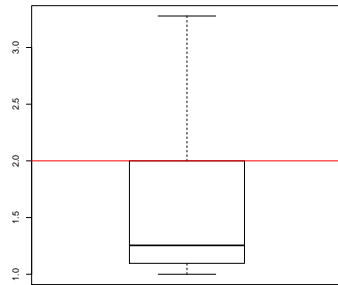


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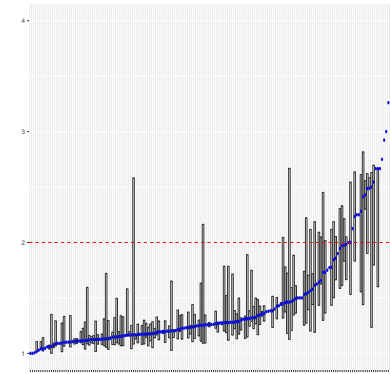
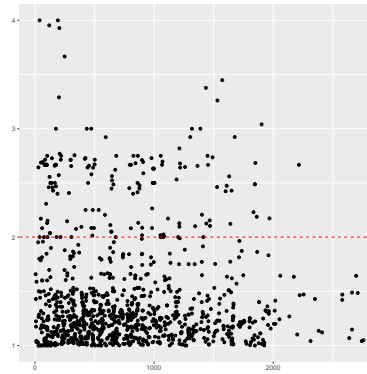
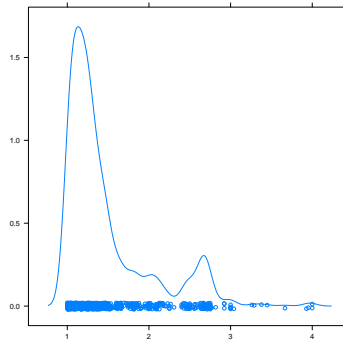
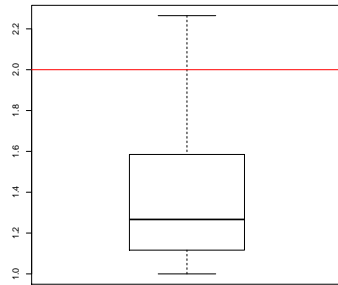
Sample R15
Mean 1.46
Median 1.22
% <2 85.3



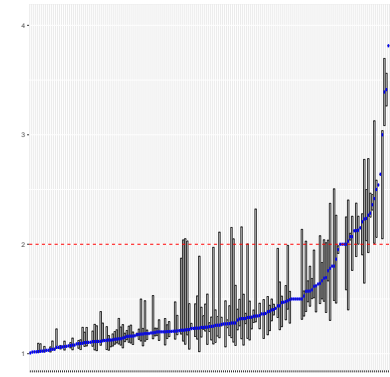
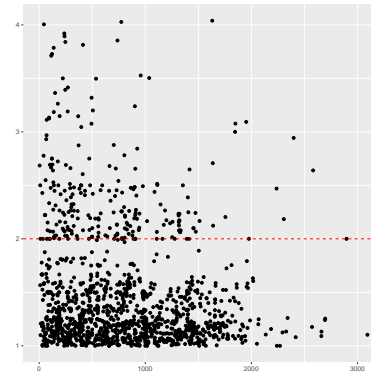
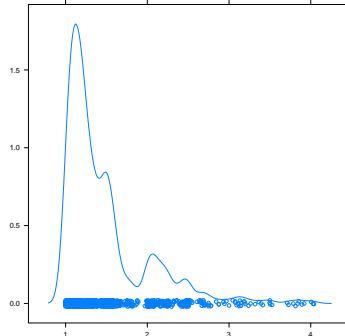
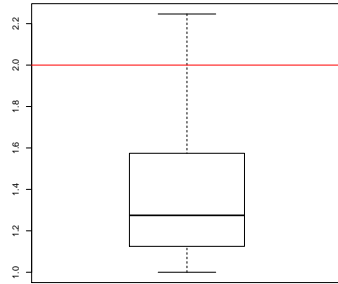
Sample R20
Mean 1.63
Median 1.25
% <2 74.3



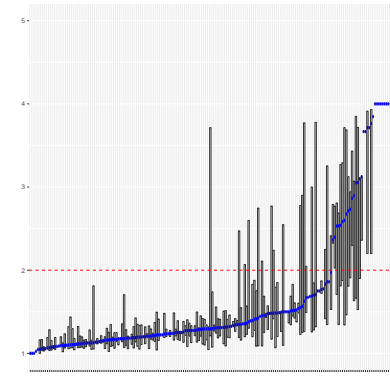
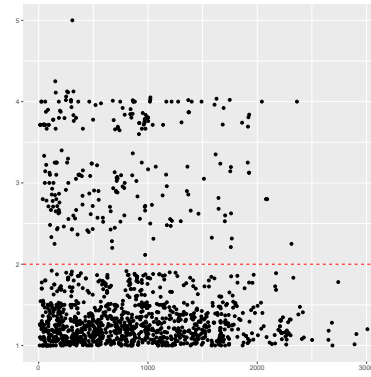
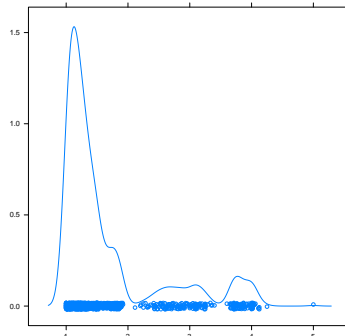
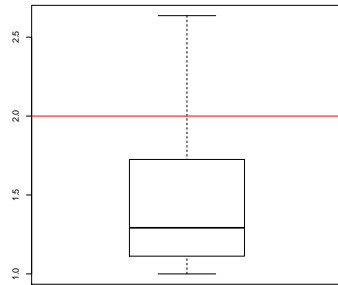
Sample S67
Mean 1.47
Median 1.27
% <2 83.7



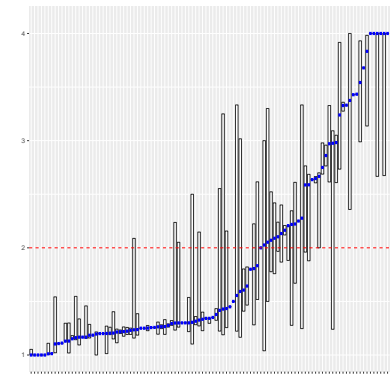
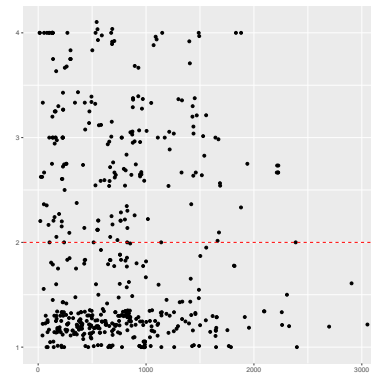
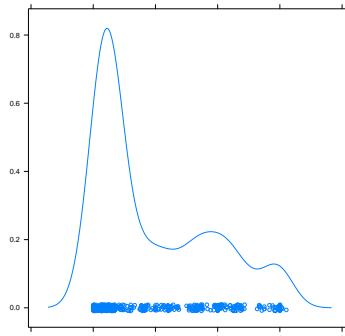
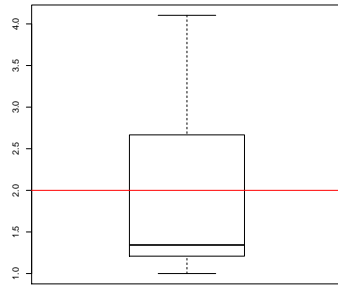
Sample R12
Mean 1.47
Median 1.27
% <2 82.4



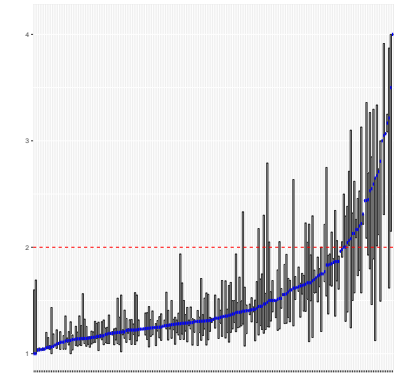
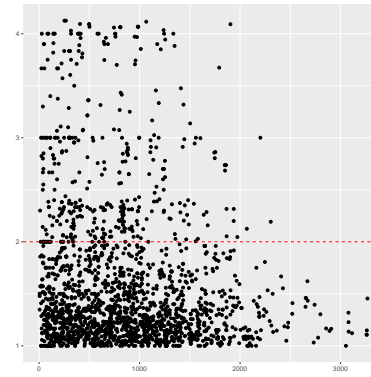
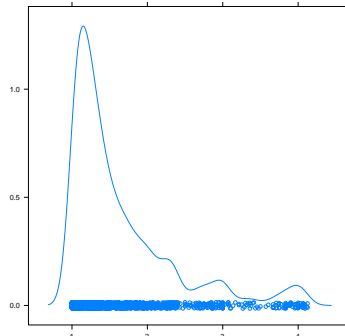
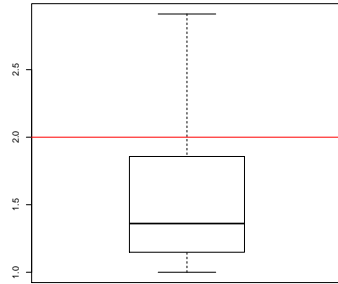
Sample S68
Mean 1.65
Median 1.29
% <2 81.7



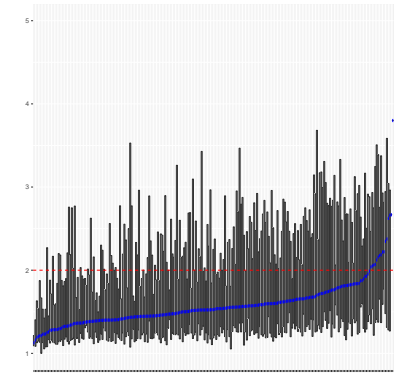
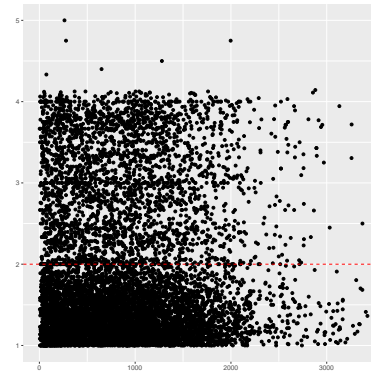
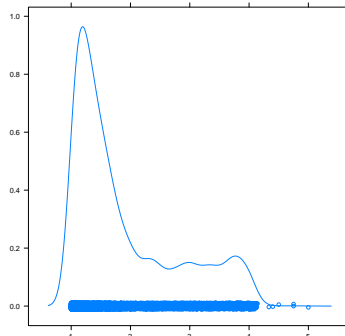
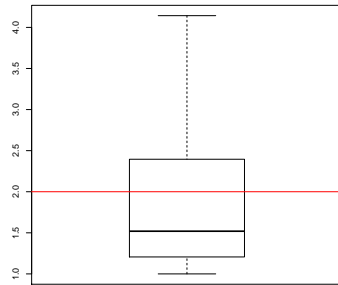
Sample S78
Mean 1.94
Median 1.34
% <2 61.7



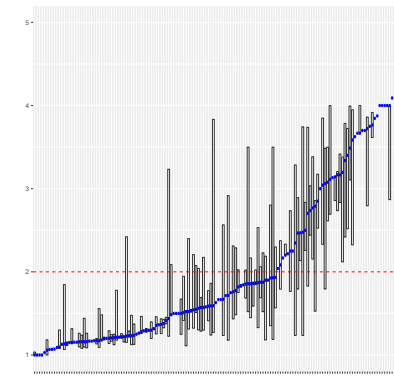
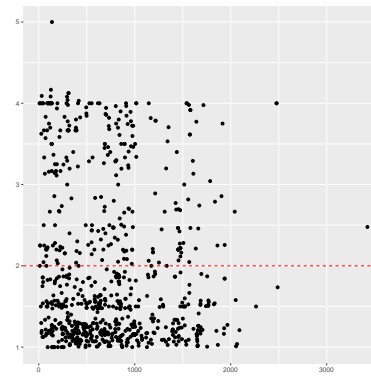
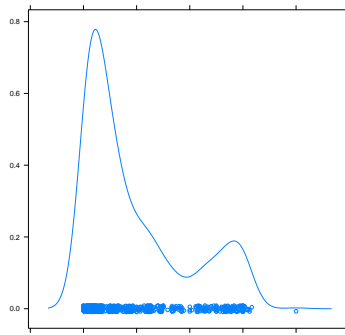
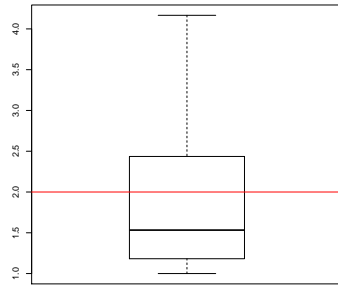
Sample R22
Mean 1.63
Median 1.36
% <2 78.5



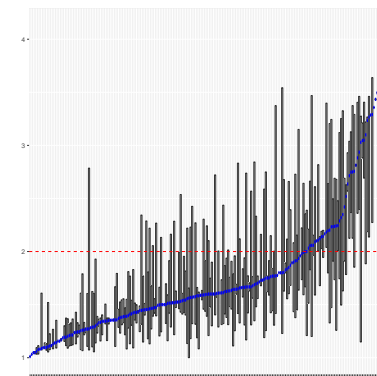
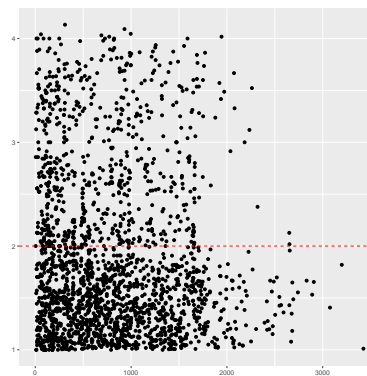
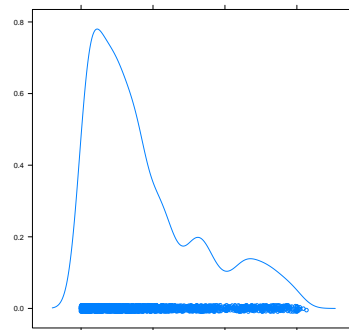
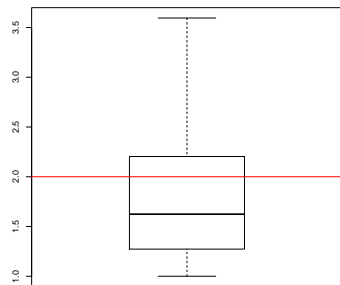
Sample R78
Mean 1.89
Median 1.52
% <2 67.6



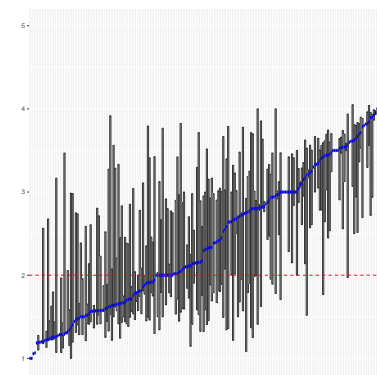
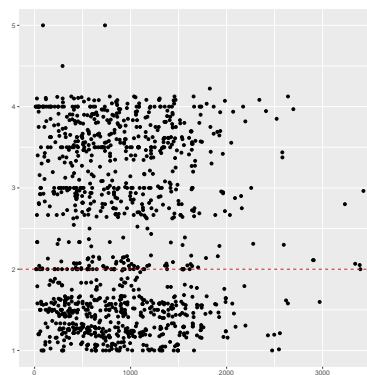
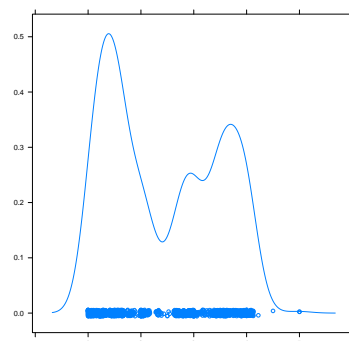
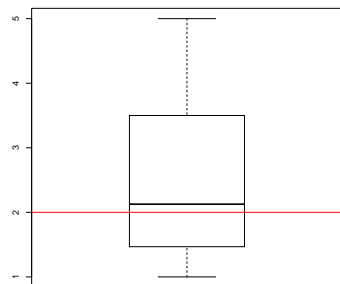
Sample S71
Mean 1.94
Median 1.53
% <2 65.6



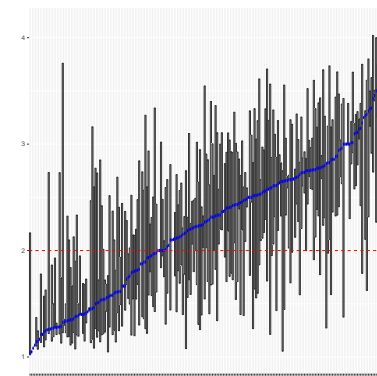
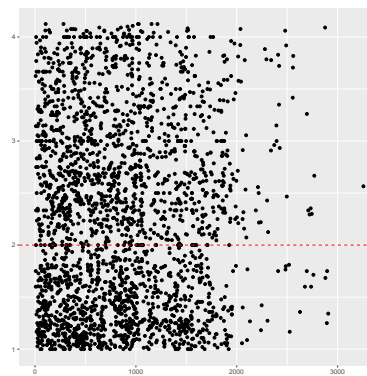
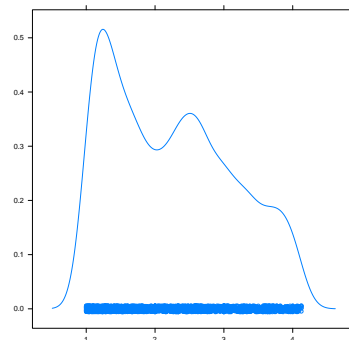
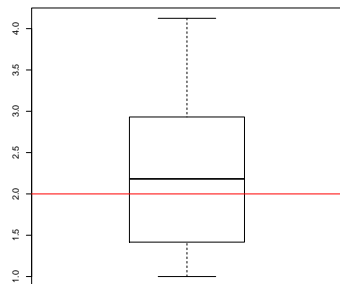
Sample R14
Mean 1.86
Median 1.62
% <2 67.9



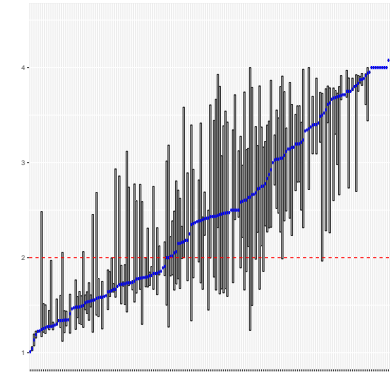
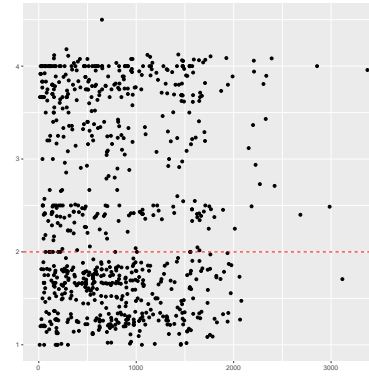
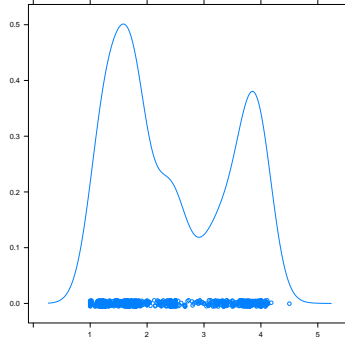
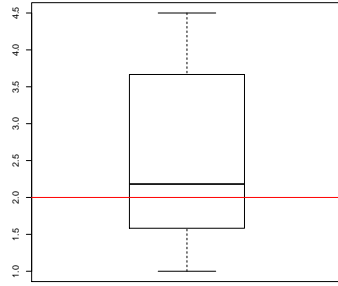
Sample R129
Mean 2.43
Median 2.13
% <2 42.6



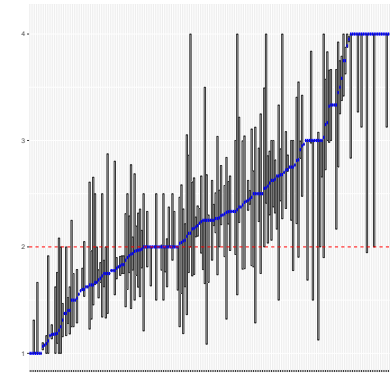
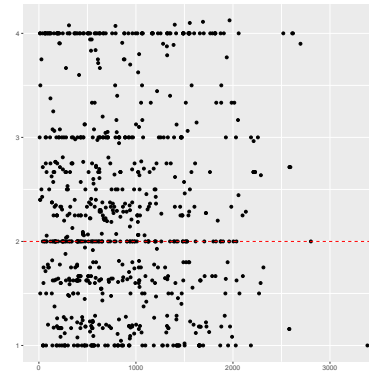
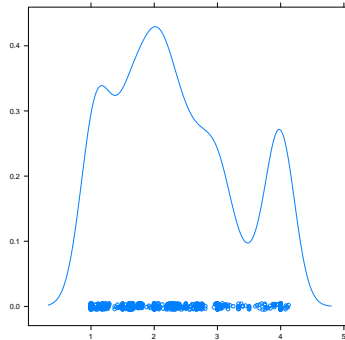
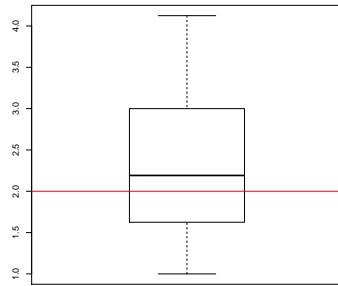
Sample S62
Mean 2.24
Median 2.18
% <2 43.6



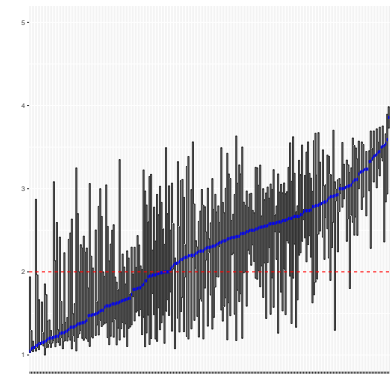
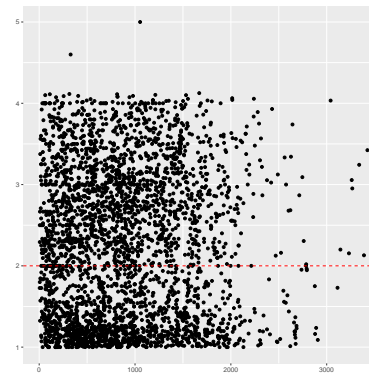
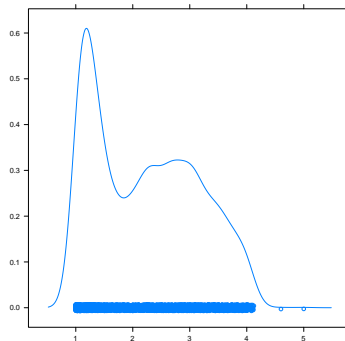
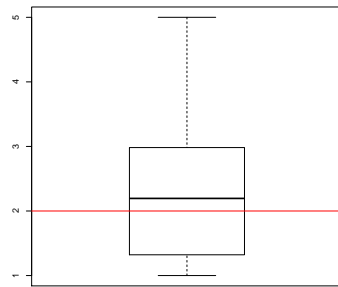
Sample R95
Mean 2.45
Median 2.18
% <2 47.4



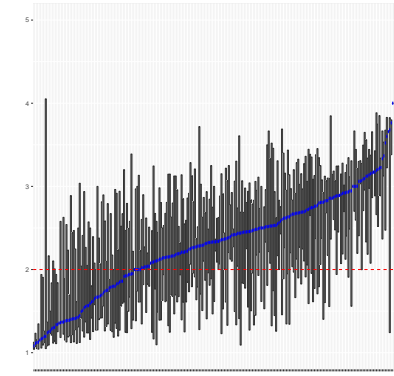
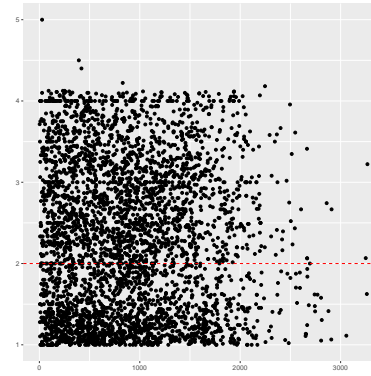
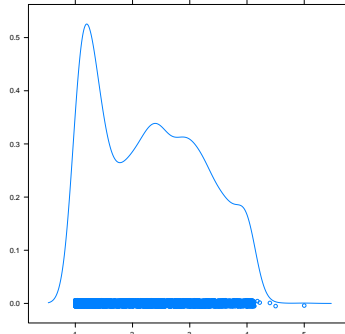
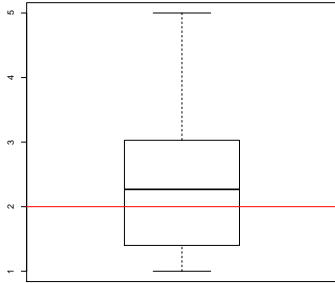
Sample S61
Mean 2.32
Median 2.19
% <2 36.1



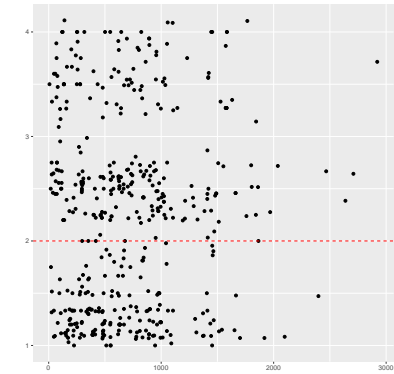
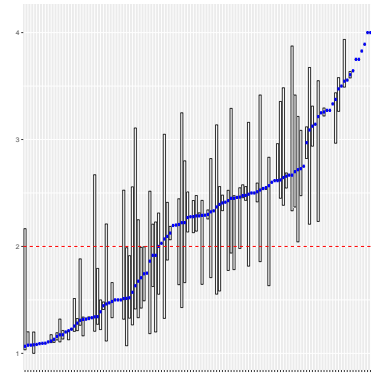
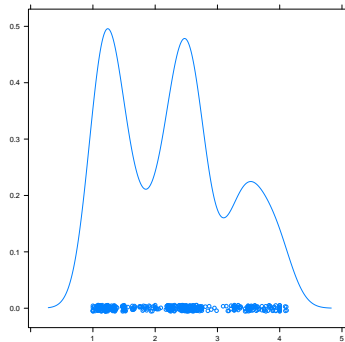
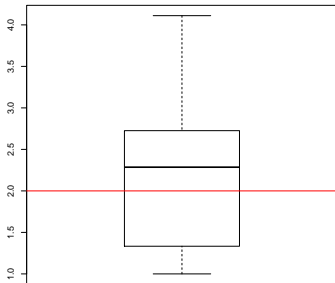
Sample R05
Mean 2.22
Median 2.19
% <2 44.2



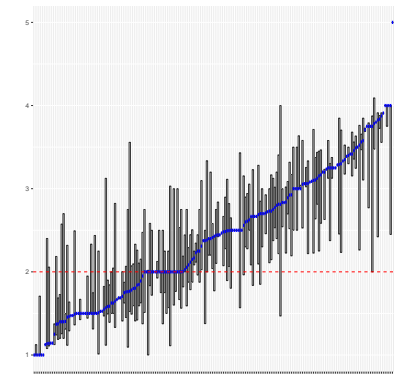
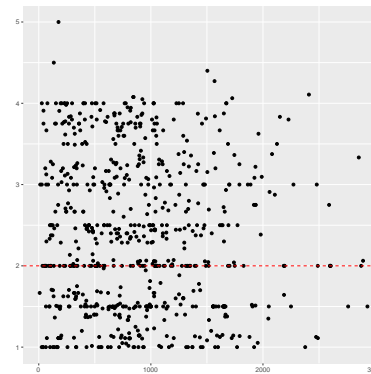
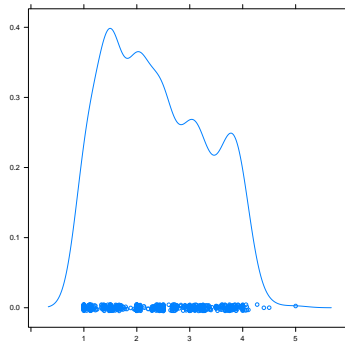
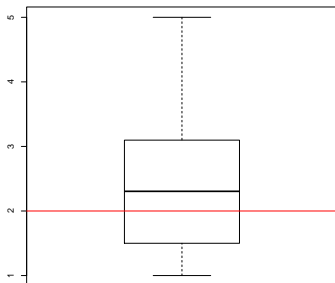
Sample R11
Mean 2.30
Median 2.27
% <2 41.1



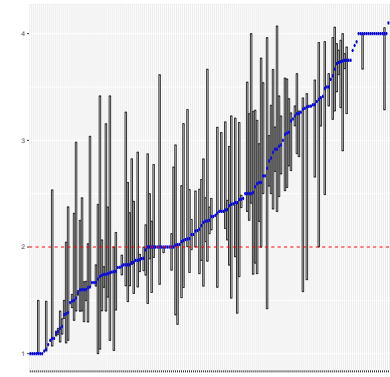
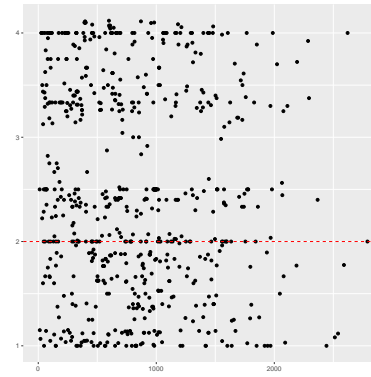
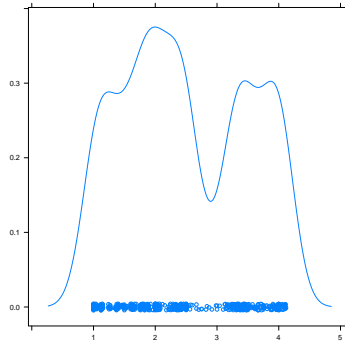
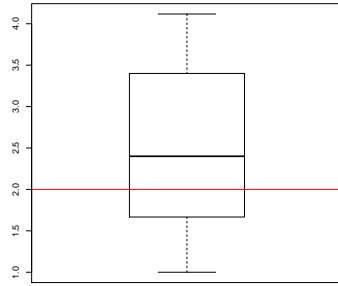
Sample R21
Mean 2.25
Median 2.29
% <2 40.5



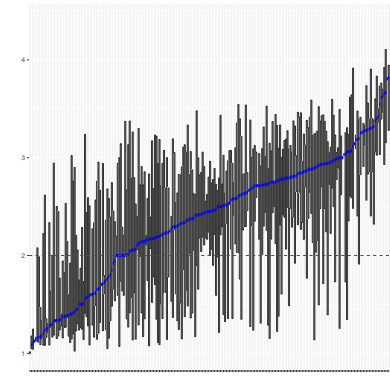
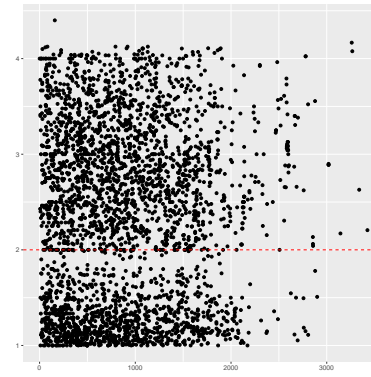
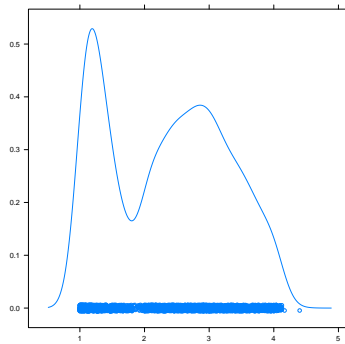
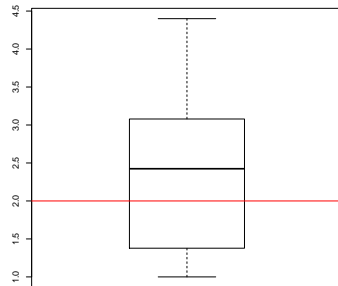
Sample S53
Mean 2.38
Median 2.30
% <2 33.5



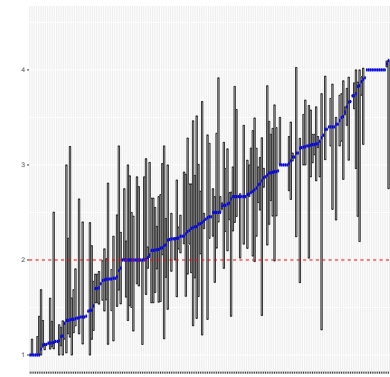
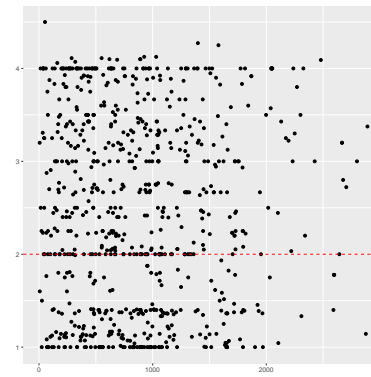
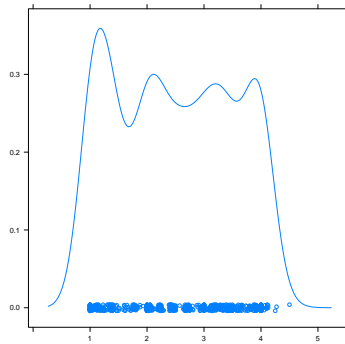
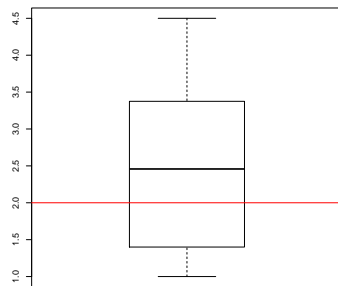
Sample S54
Mean 2.50
Median 2.40
% <2 33.8



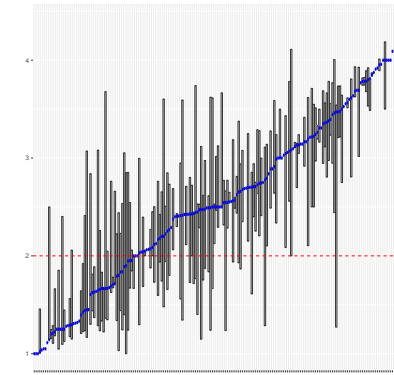
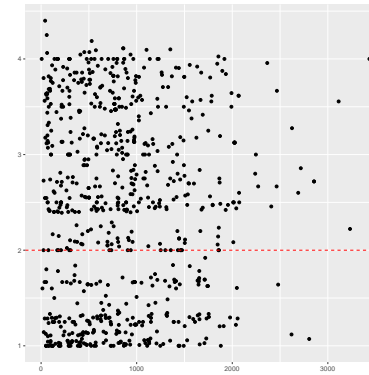
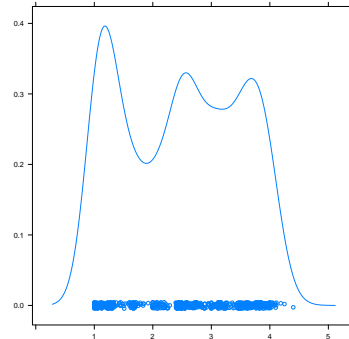
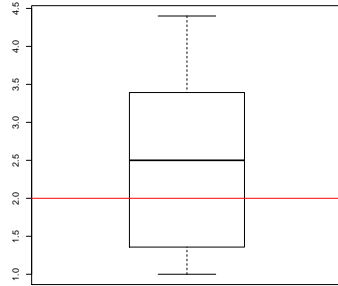
Sample R06
Mean 2.35
Median 2.42
% <2 35.8



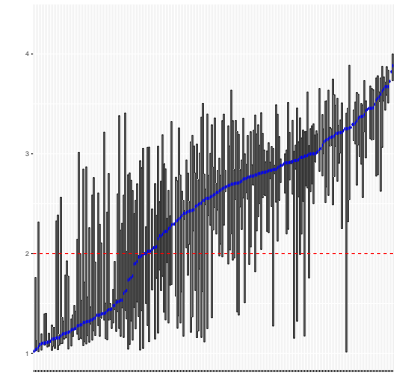
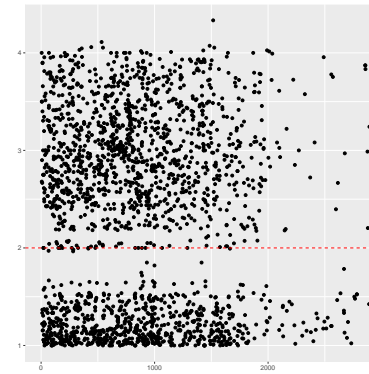
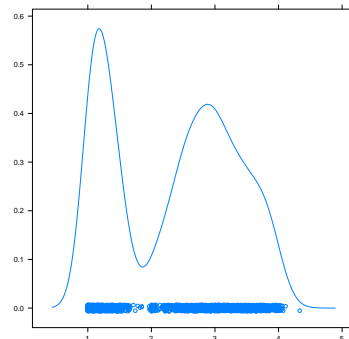
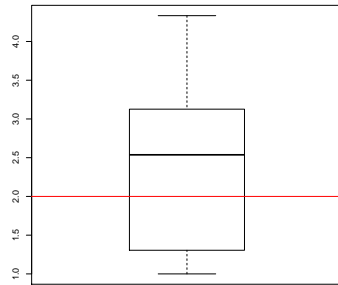
Sample R25
Mean 2.49
Median 2.46
% <2 31.5



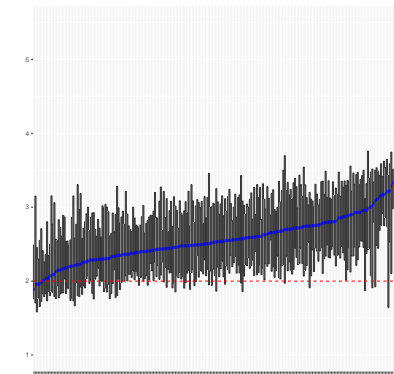
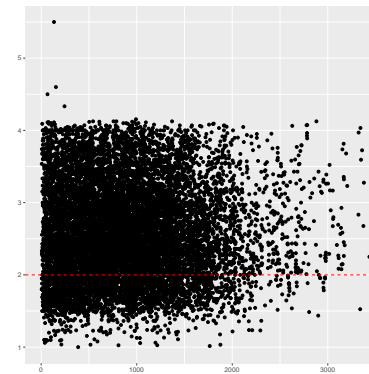
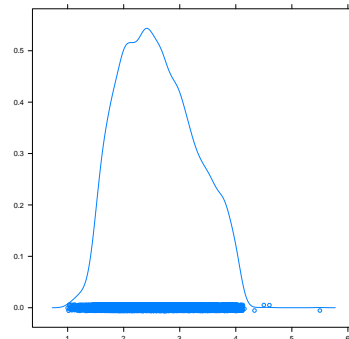
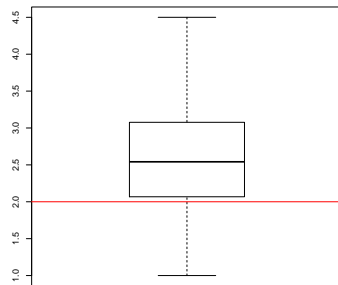
Sample S80
Mean 2.46
Median 2.50
% <2 34.0



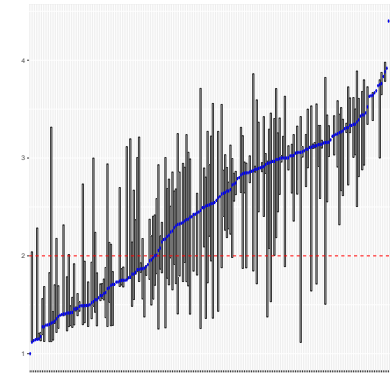
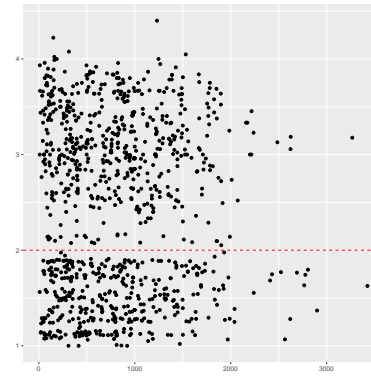
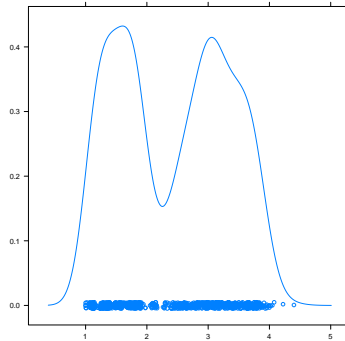
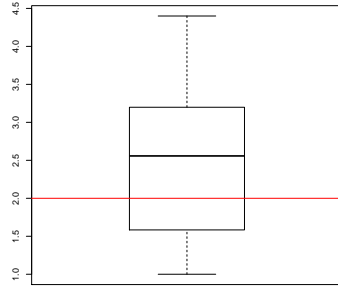
Sample S64
Mean 2.34
Median 2.54
% <2 37.7



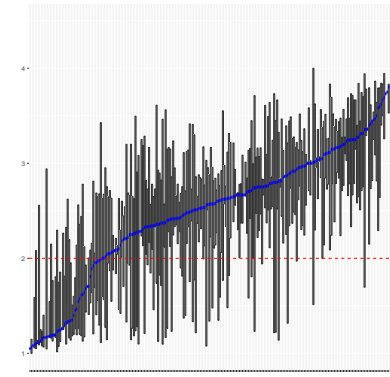
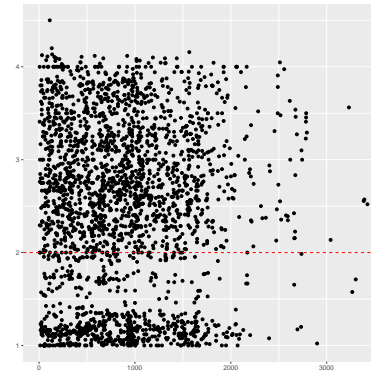
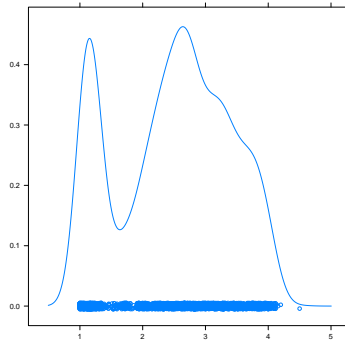
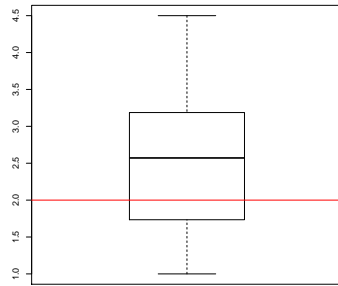
Sample R73
Mean 2.60
Median 2.54
% <2 20.7



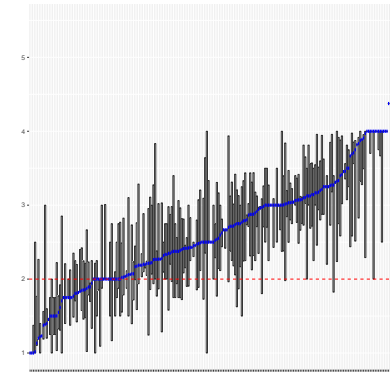
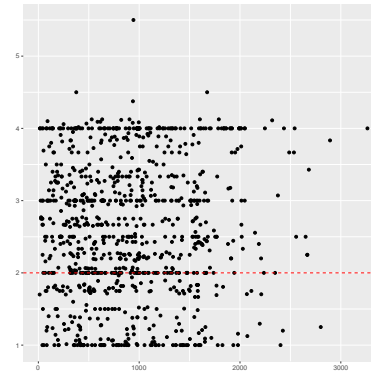
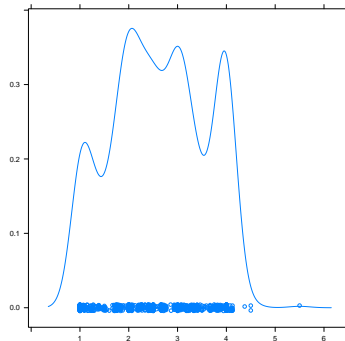
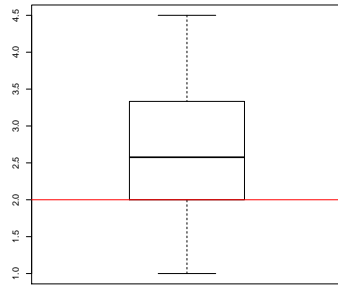
Sample S25
Mean 2.43
Median 2.55
% <2 42.5



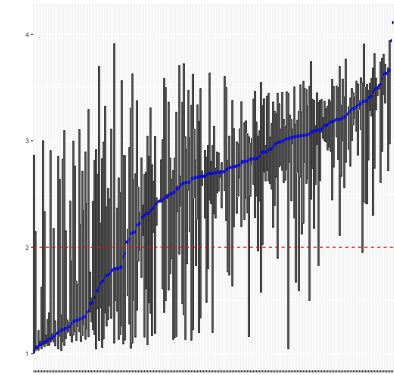
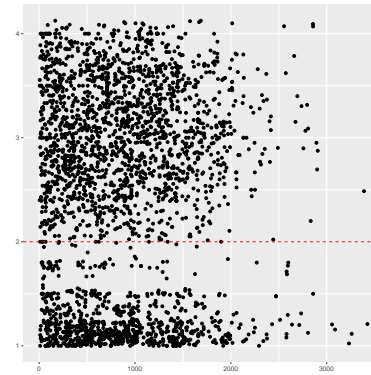
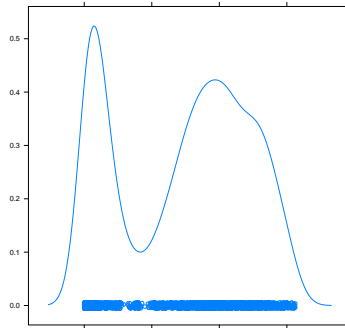
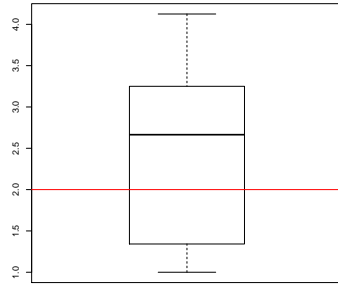
Sample S42
Mean 2.48
Median 2.57
% <2 28.7



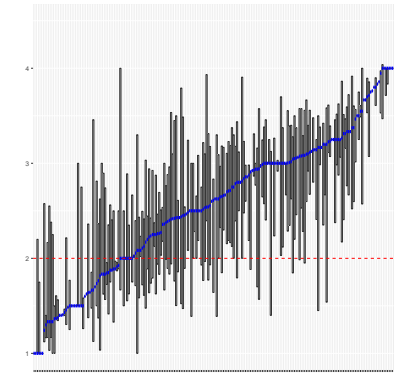
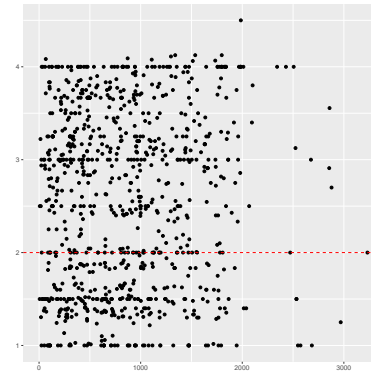
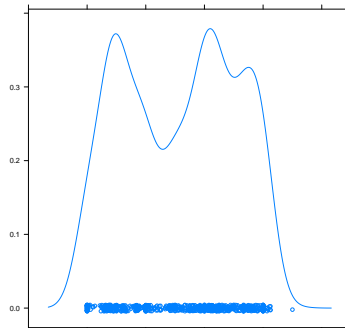
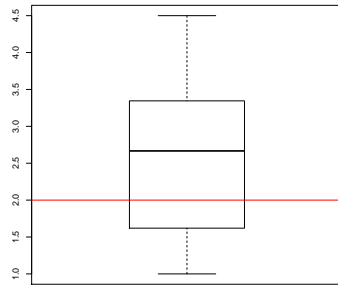
Sample S33
Mean 2.62
Median 2.58
% <2 23.9



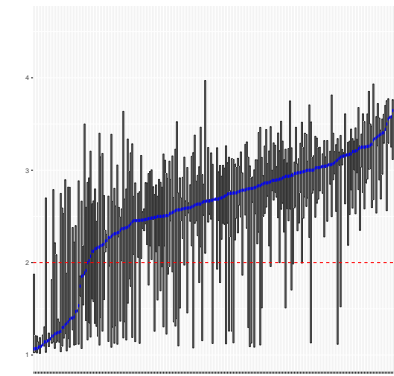
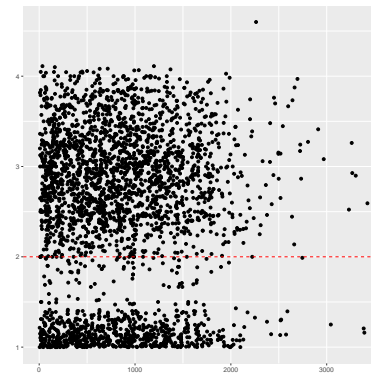
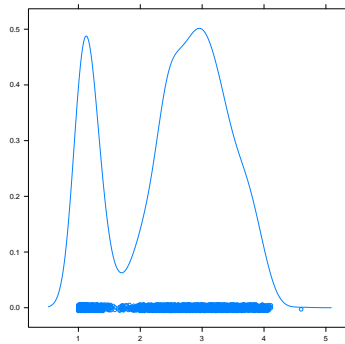
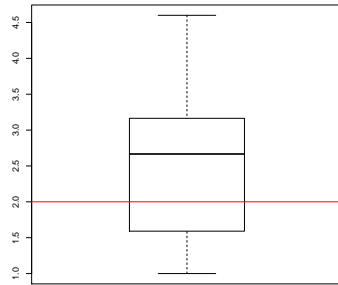
Sample R27
Mean 2.46
Median 2.66
% <2 33.0



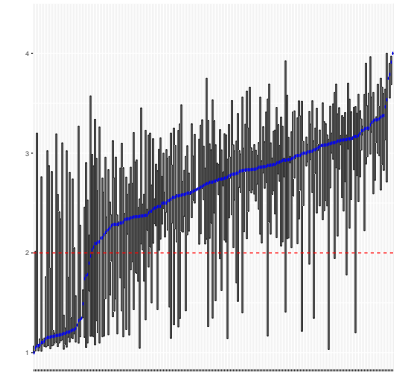
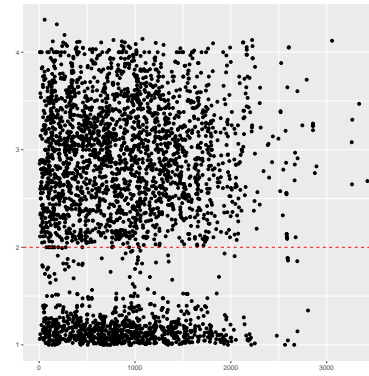
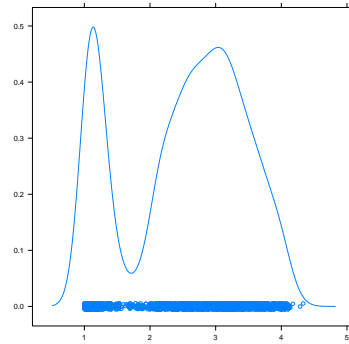
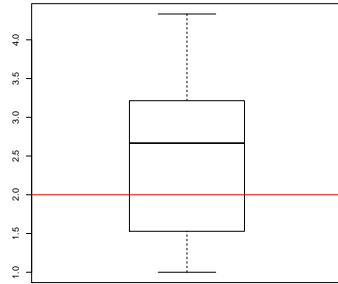
Sample S35
Mean 2.57
Median 2.67
% <2 33.0



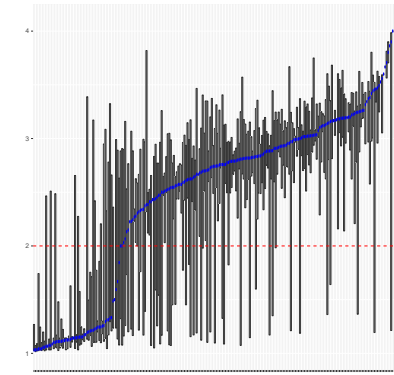
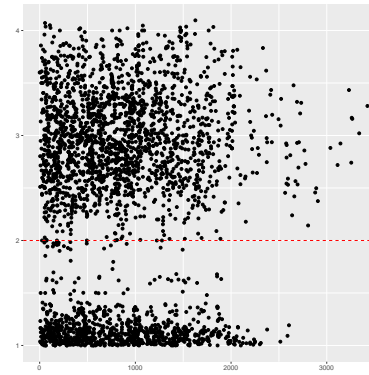
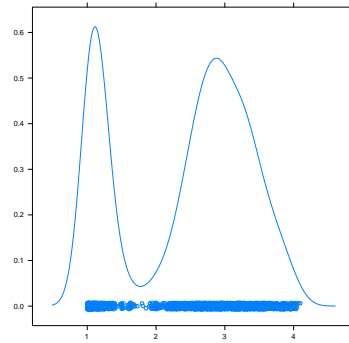
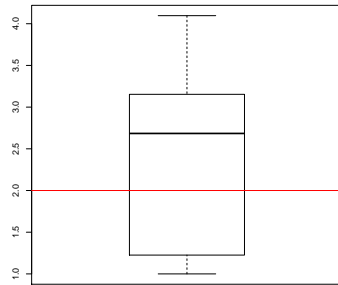
Sample S79
Mean 2.48
Median 2.67
% <2 27.3



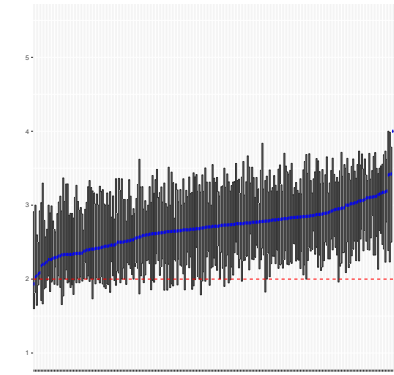
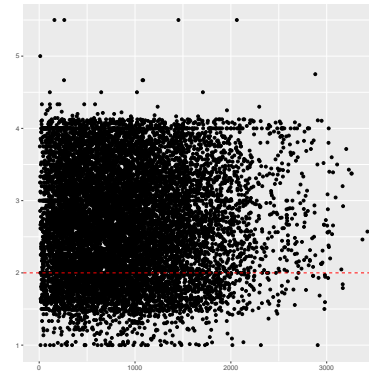
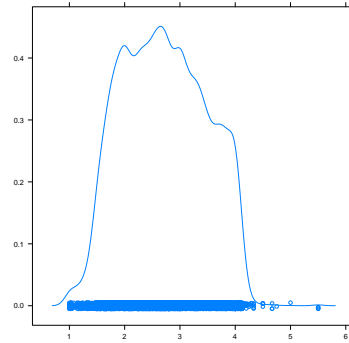
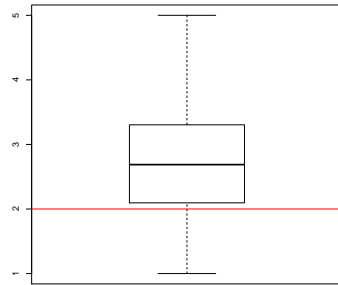
Sample R28
Mean 2.51
Median 2.67
% <2 26.7



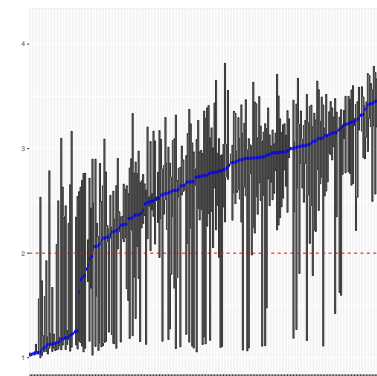
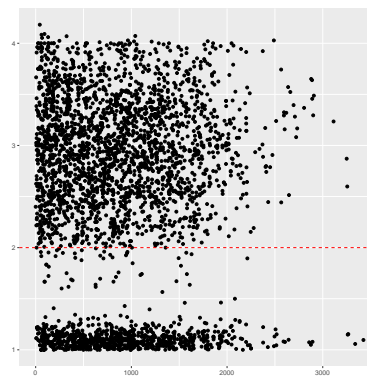
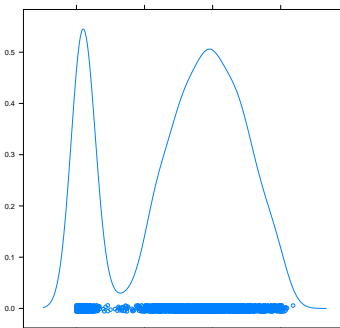
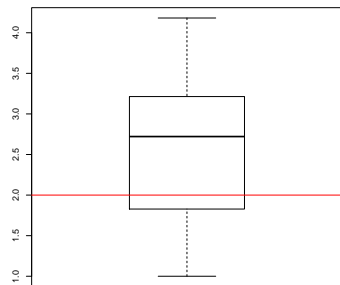
Sample R01
Mean 2.41
Median 2.68
% <2 32.3



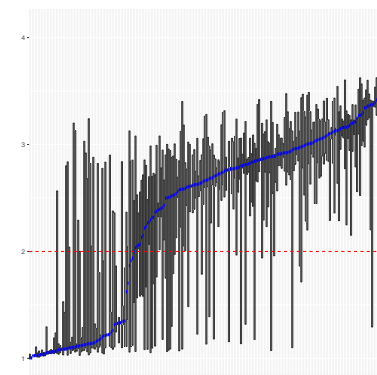
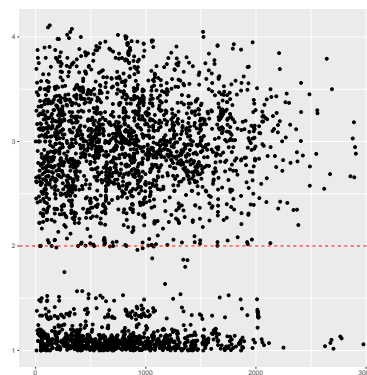
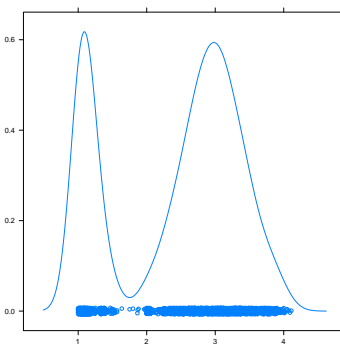
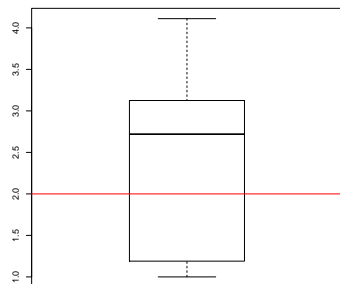
Sample R75
Mean 2.71
Median 2.69
% <2 19.8



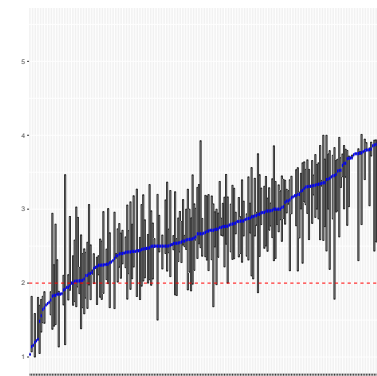
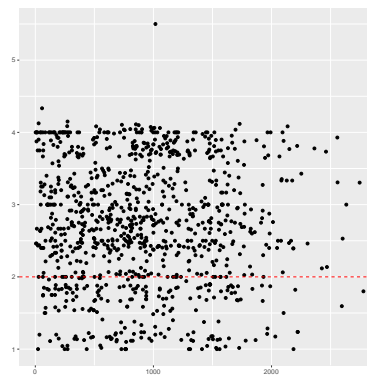
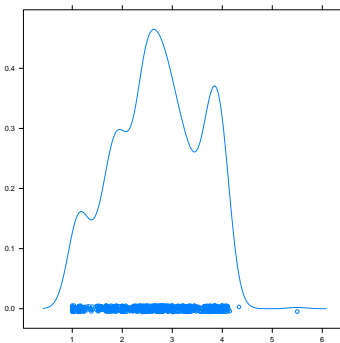
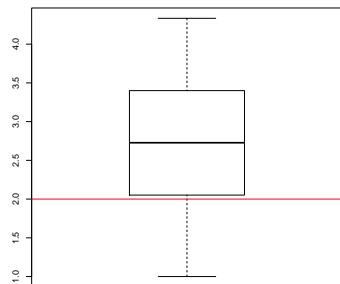
Sample P06
Mean 2.51
Median 2.72
% <2 25.8



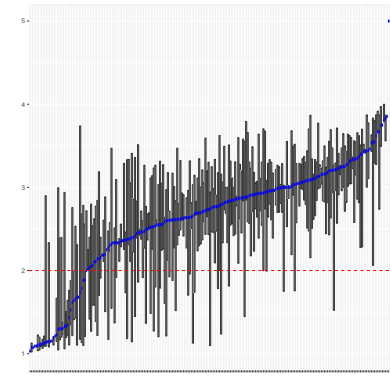
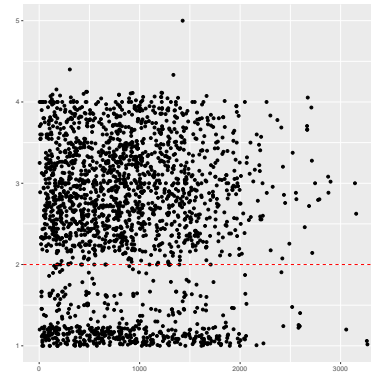
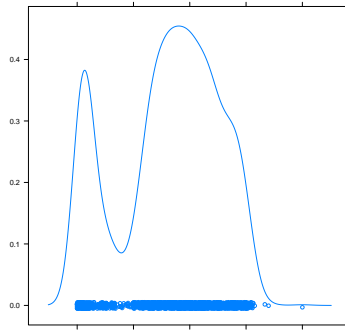
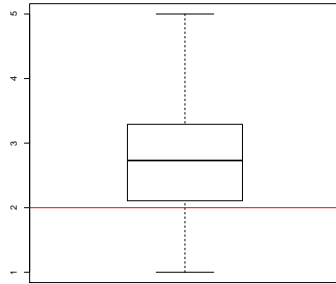
Sample R31
Mean 2.41
Median 2.72
% <2 31.1



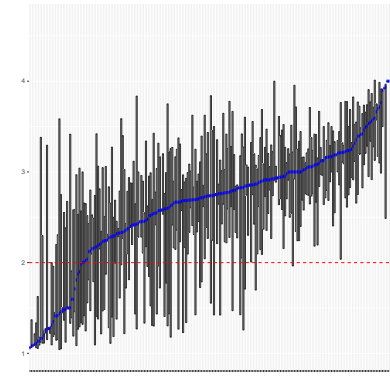
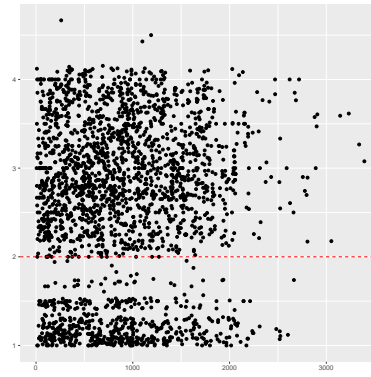
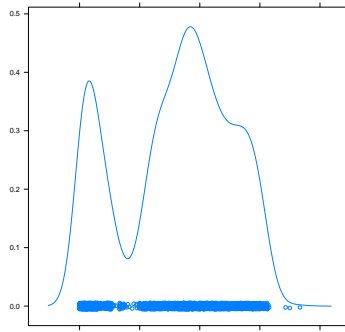
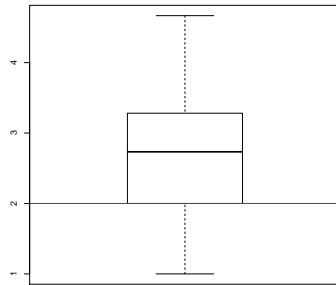
Sample R13
Mean 2.72
Median 2.73
% <2 21.1



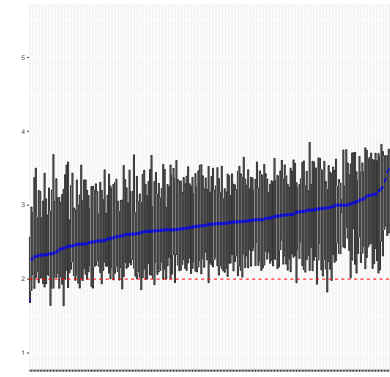
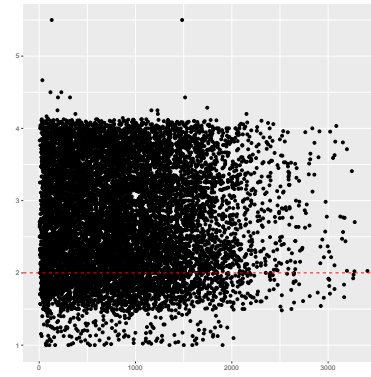
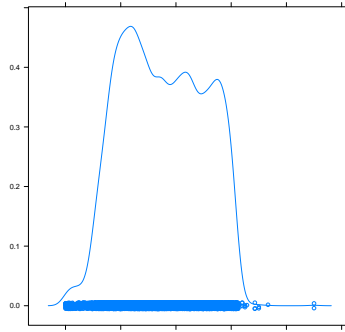
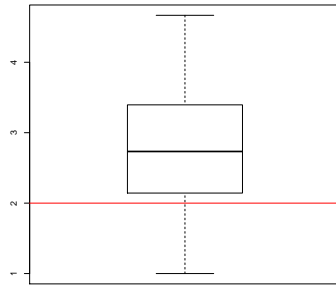
Sample R04
Mean 2.60
Median 2.73
% <2 23.2



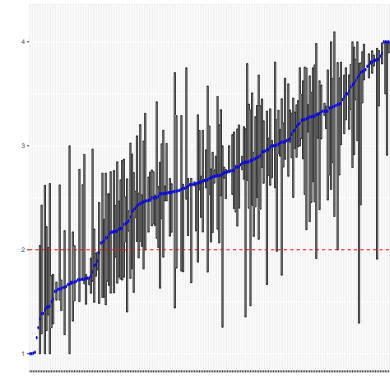
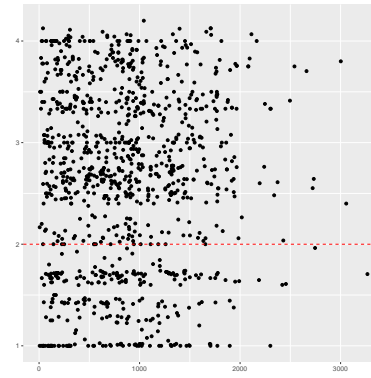
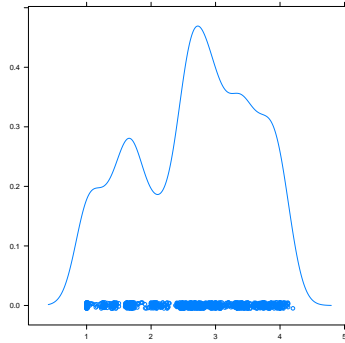
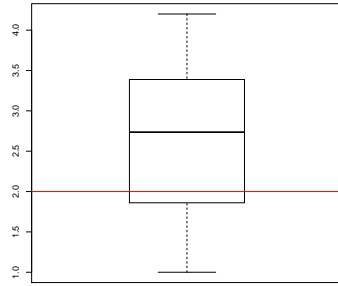
Sample R30
Mean 2.59
Median 2.73
% <2 24.8



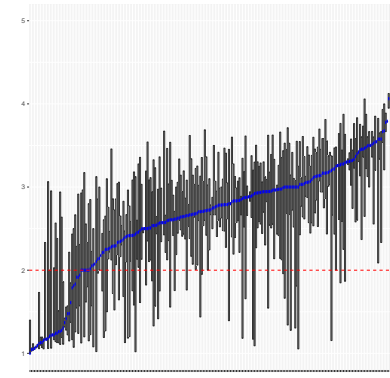
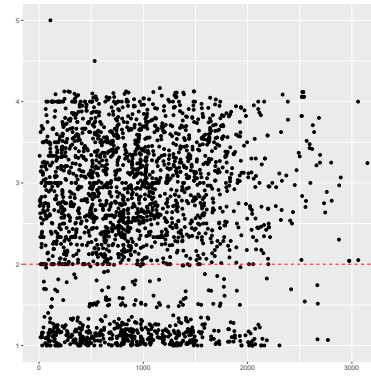
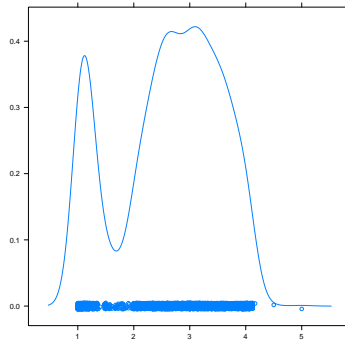
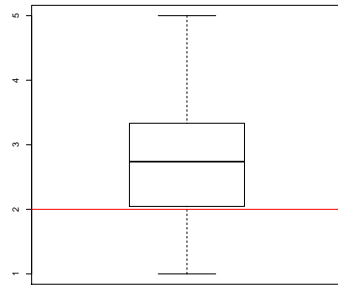
Sample R77
Mean 2.76
Median 2.73
% <2 17.6



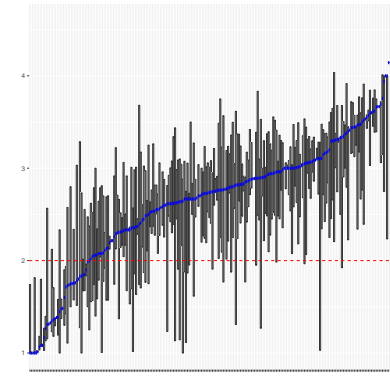
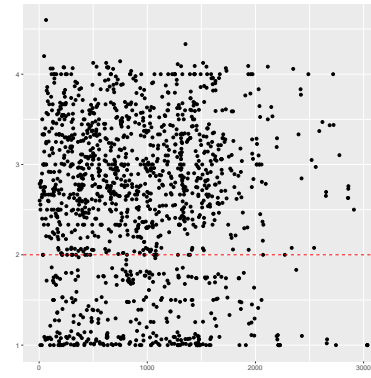
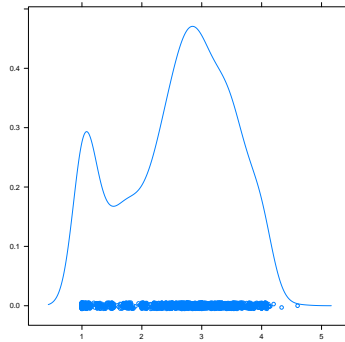
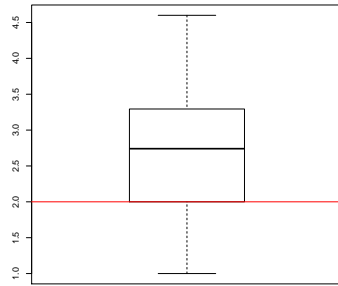
Sample S28
Mean 2.66
Median 2.74
% <2 25.6



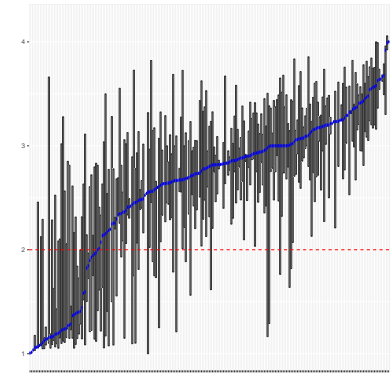
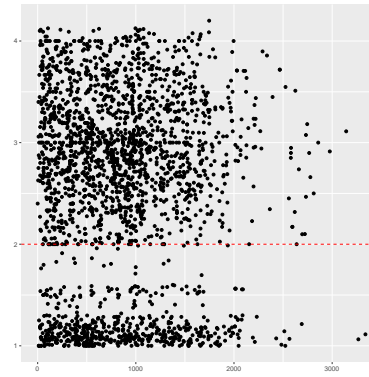
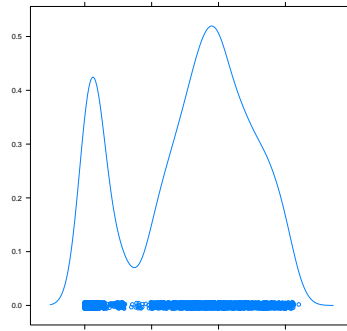
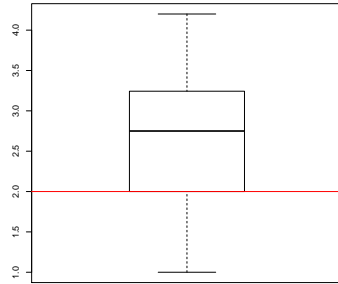
Sample R32
Mean 2.62
Median 2.74
% <2 226



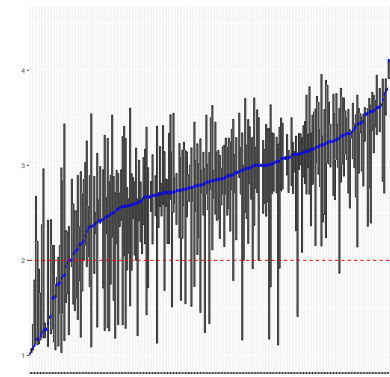
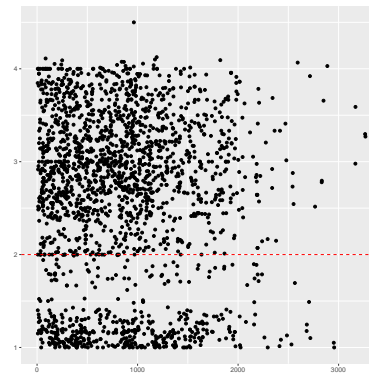
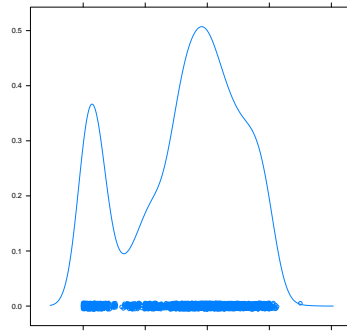
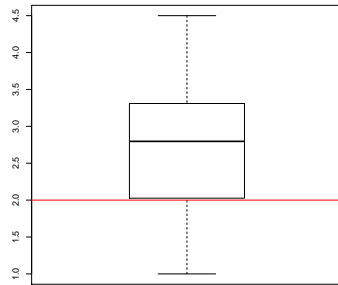
Sample S63
Mean 2.59
Median 2.74
% <2 24.4



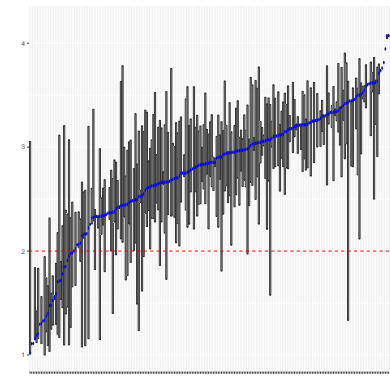
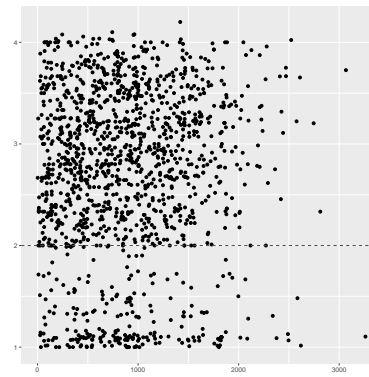
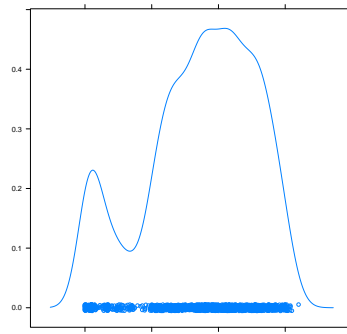
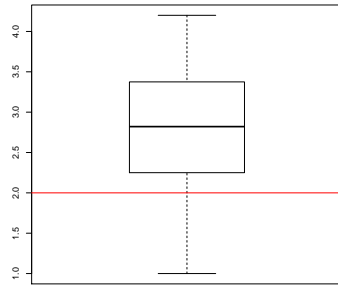
Sample R29
Mean 2.57
Median 2.75
% <2 24.14



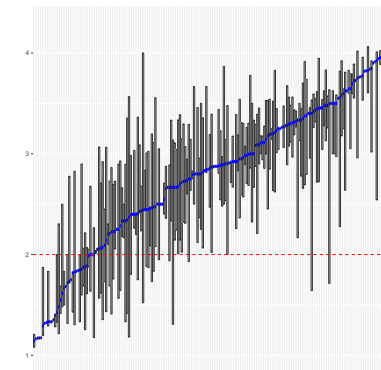
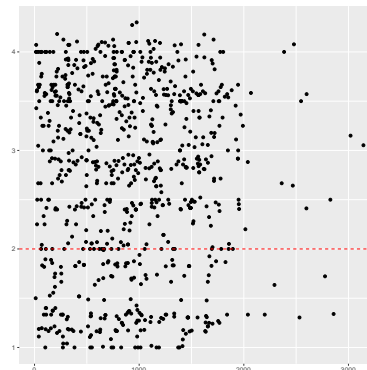
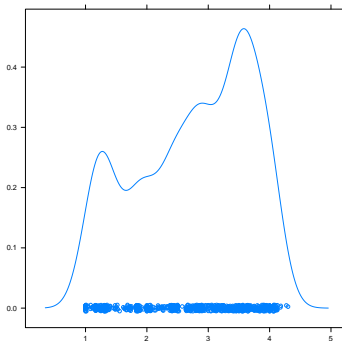
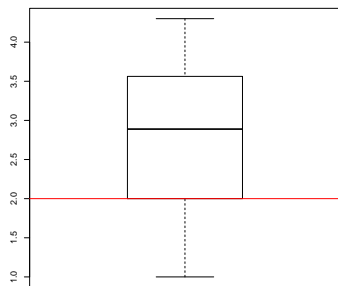
Sample S73
Mean 2.63
Median 2.80
% <2 23.5



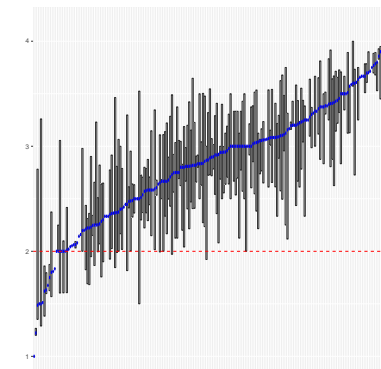
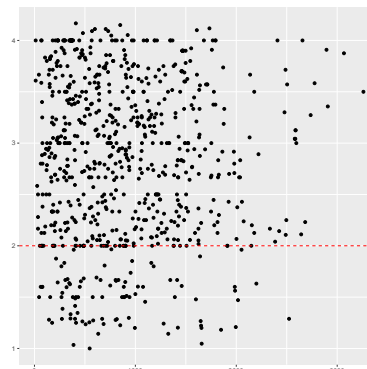
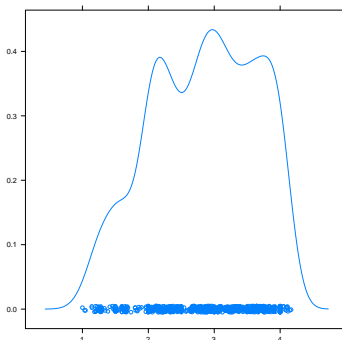
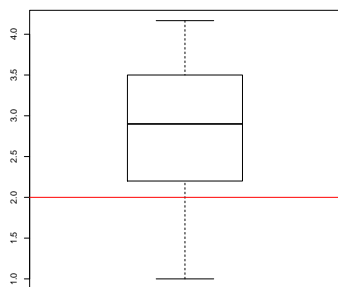
Sample S76
Mean 2.72
Median 2.82
% <2 16.2



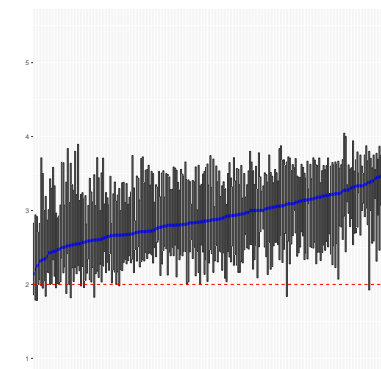
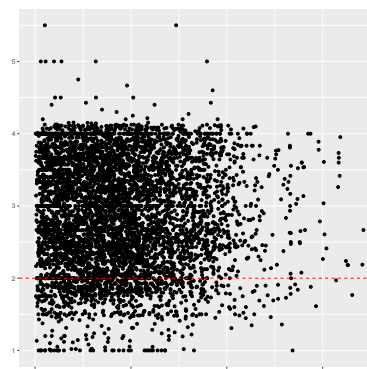
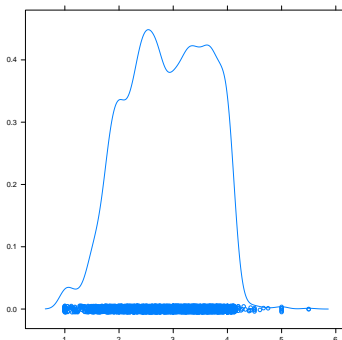
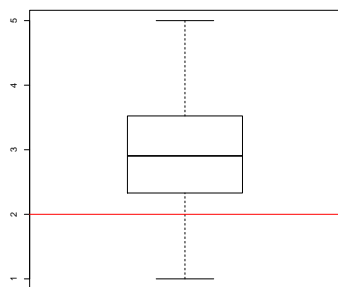
Sample R23
Mean 2.76
Median 2.89
% <2 23.6



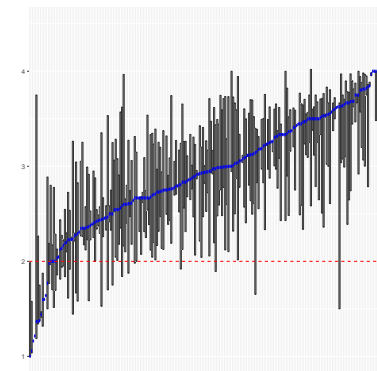
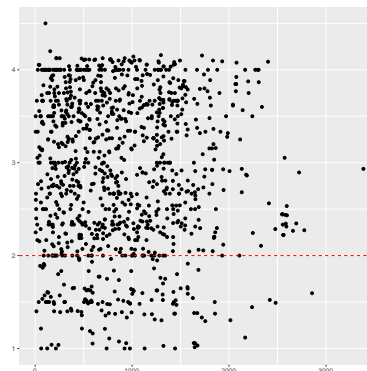
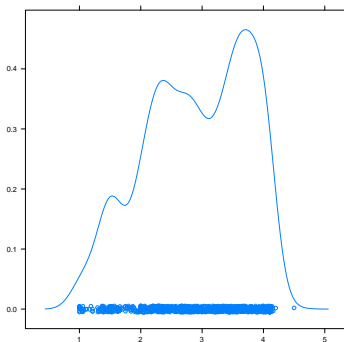
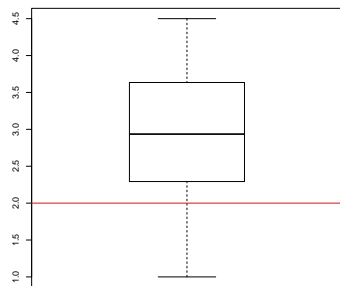
Sample S34
Mean 2.84
Median 2.90
% <2 12.1



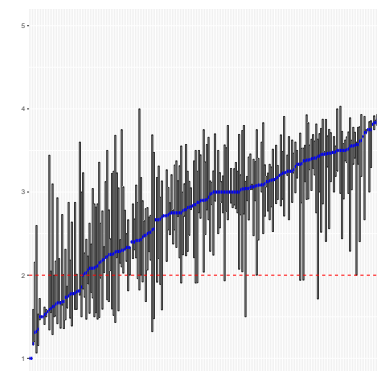
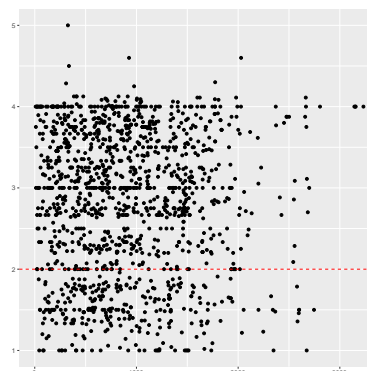
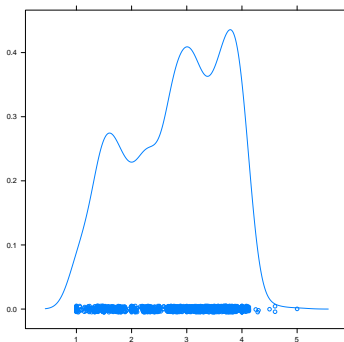
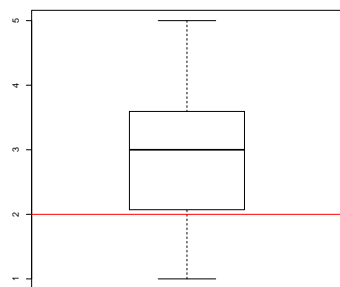
Sample R84
Mean 2.89
Median 2.90
% <2 12.9



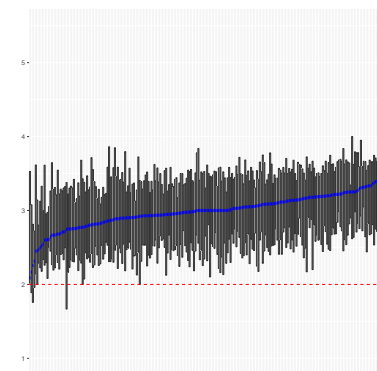
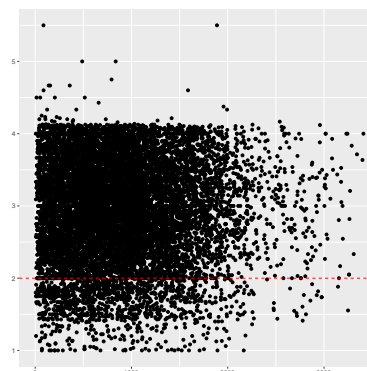
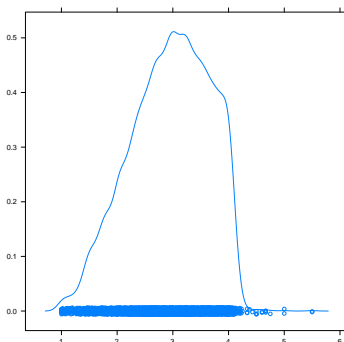
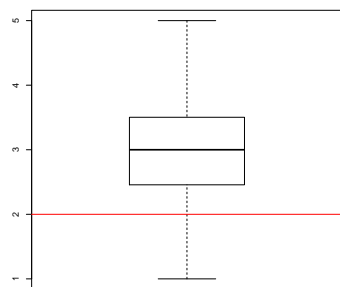
Sample R10
Mean 2.90
Median 2.94
% <2 13.7



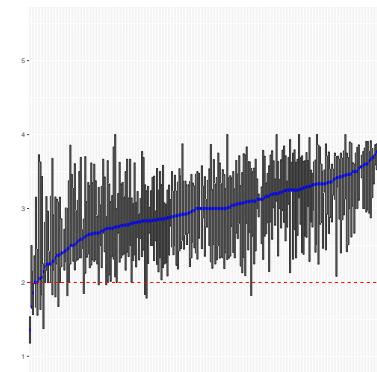
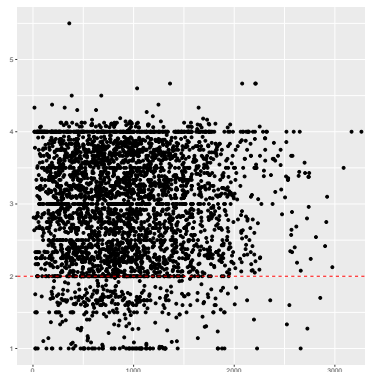
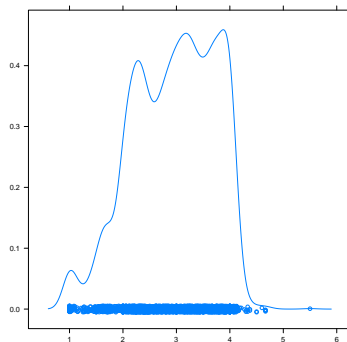
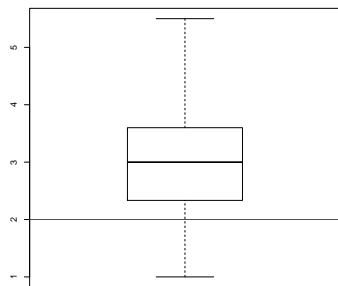
Sample R07
Mean 2.81
Median 3.00
% <2 21.5



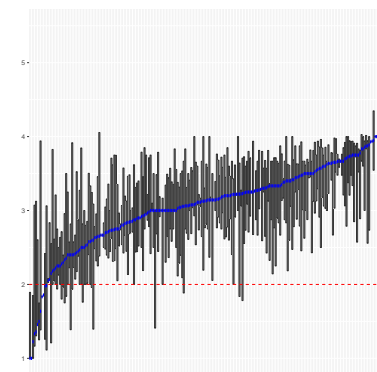
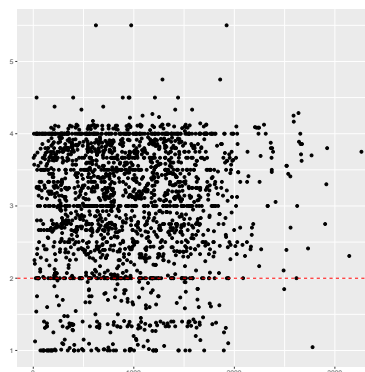
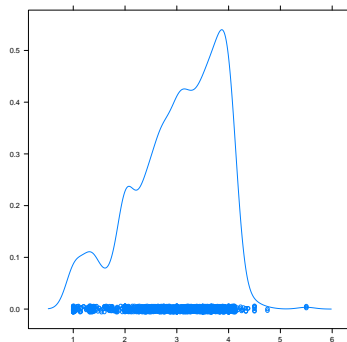
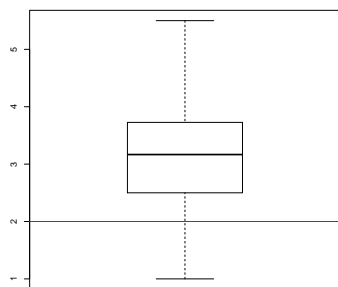
Sample R74
Mean 2.95
Median 3.00
% <2 9.83



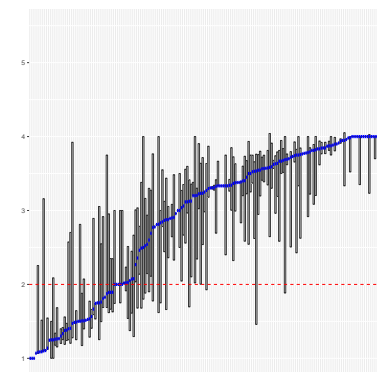
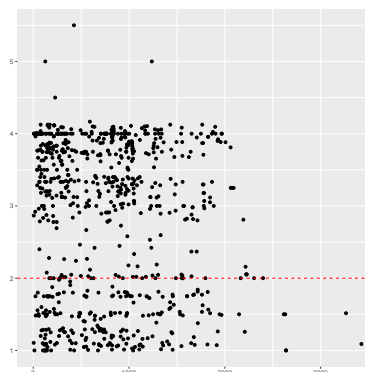
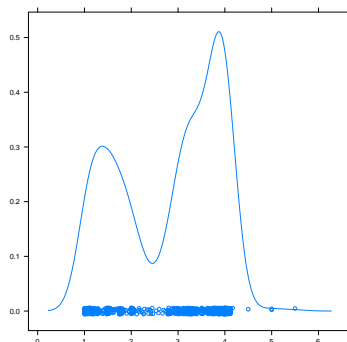
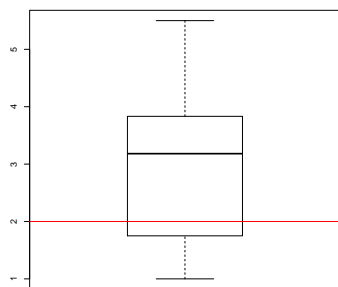
Sample R17
Mean 2.95
Median 3.00
% <2 8.86



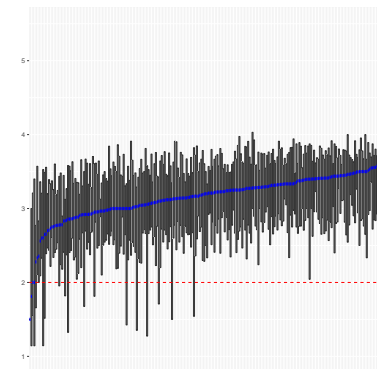
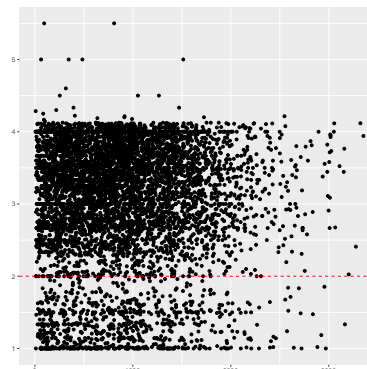
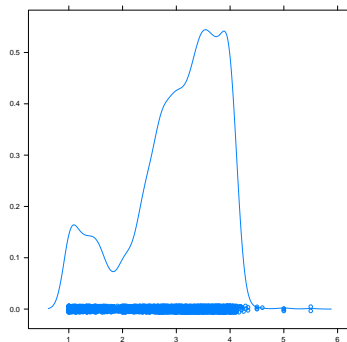
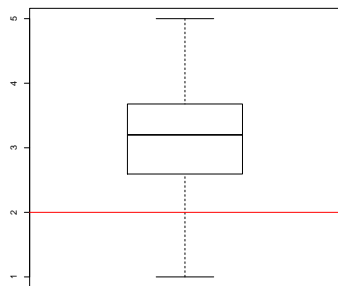
Sample R08
Mean 3.03
Median 3.17
% <2 9.73



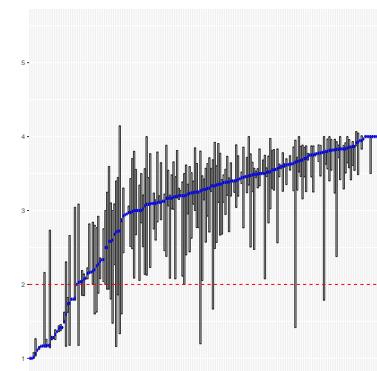
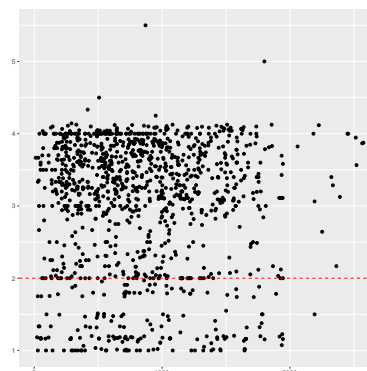
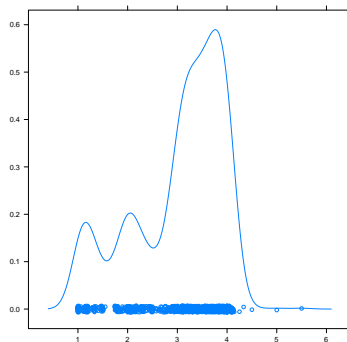
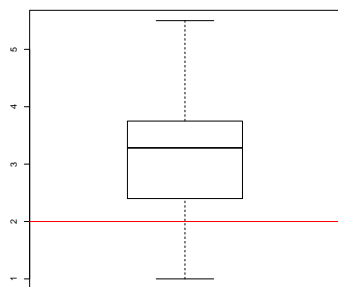
Sample R96
Mean 2.83
Median 3.18
% <2 30.2



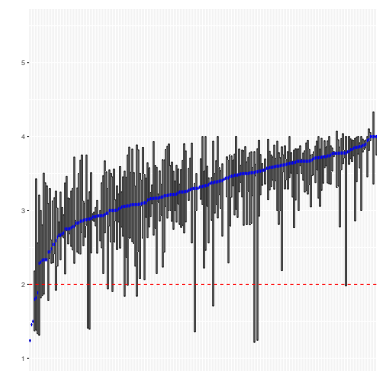
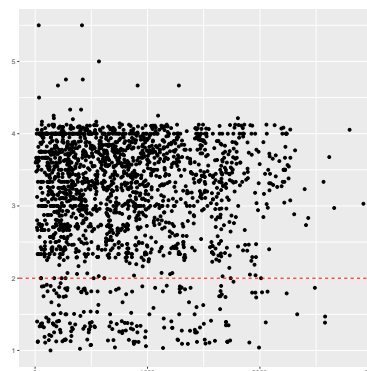
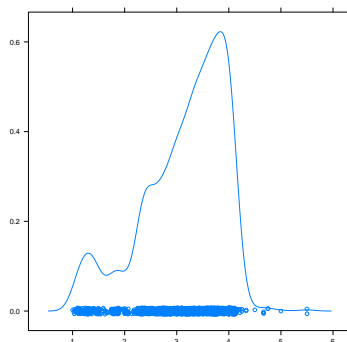
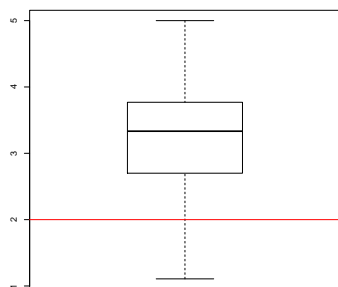
Sample R94
Mean 3.02
Median 2.20
% <2 13.4



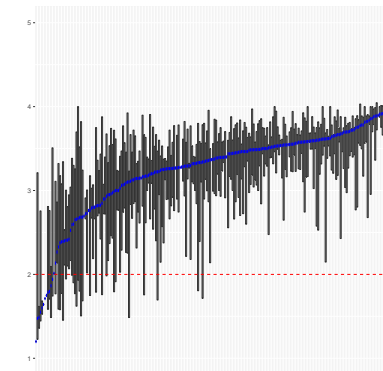
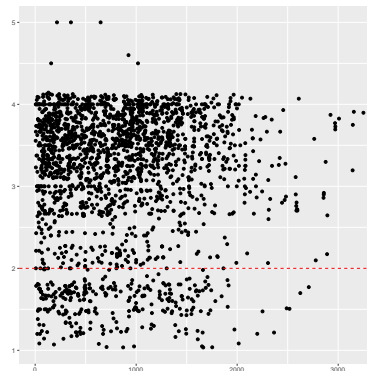
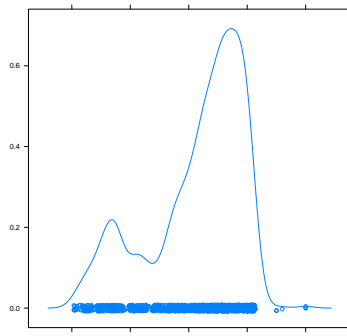
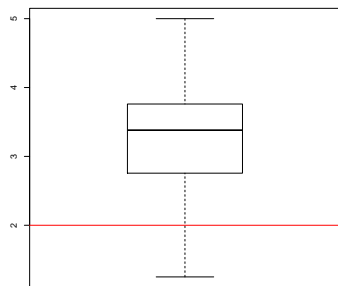
Sample R18
Mean 3.03
Median 3.28
% <2 15.1



Sample R86
Mean 3.15
Median 3.33
% <2 10.1

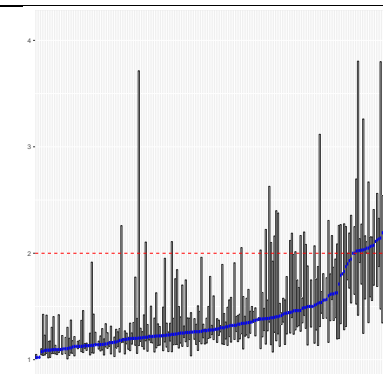
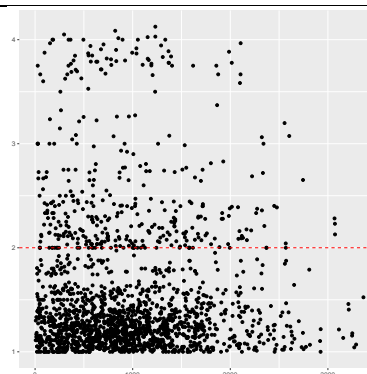
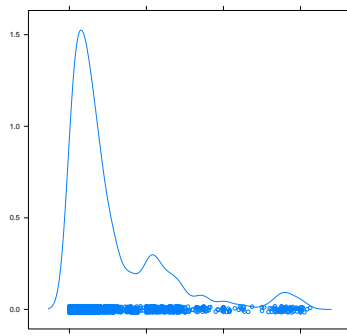
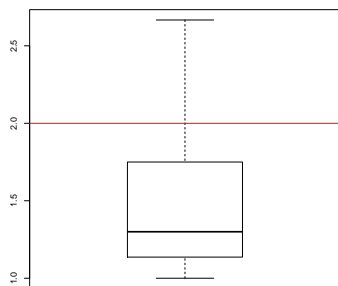


Sample R76
 Mean 3.15
 Median 3.38
 % <2 13.8

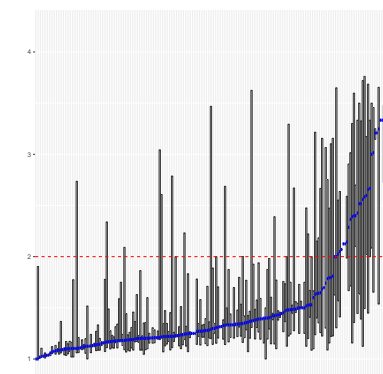
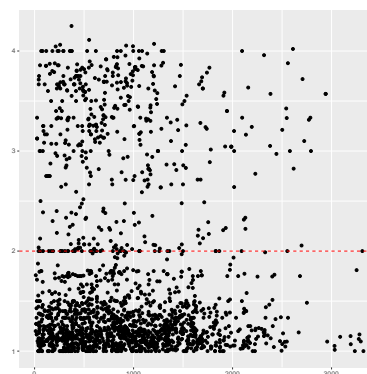
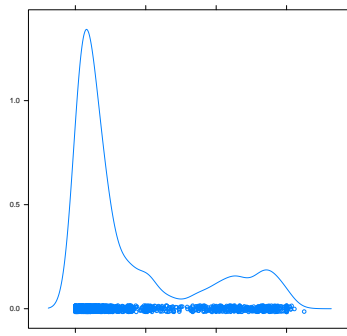
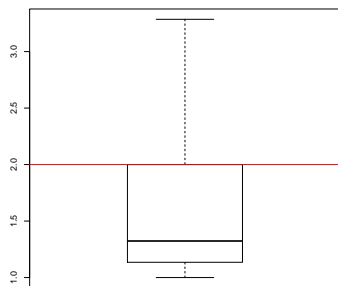


Dioscorea alata

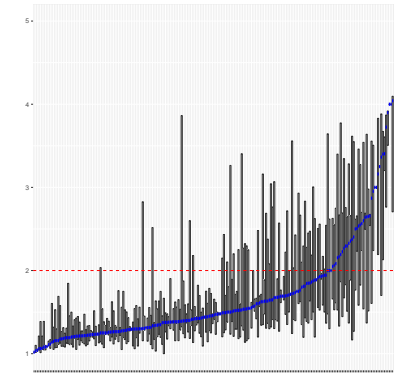
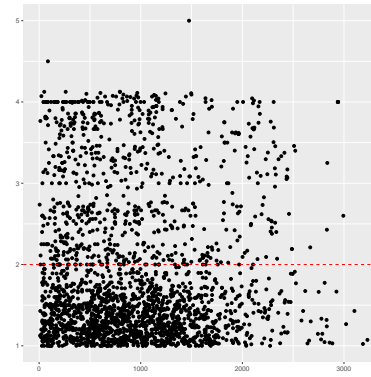
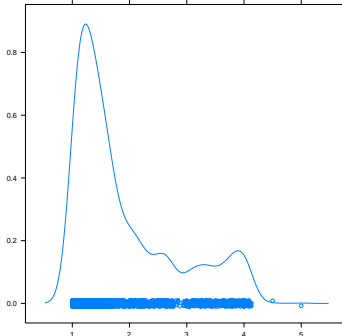
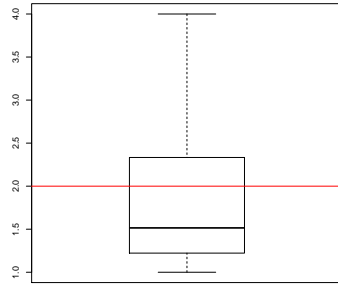
Sample Y05
 Mean 1.56
 Median 1.30
 % <2 78.8



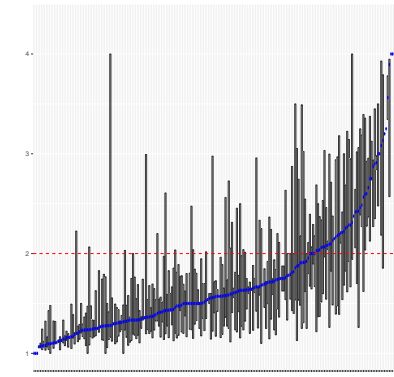
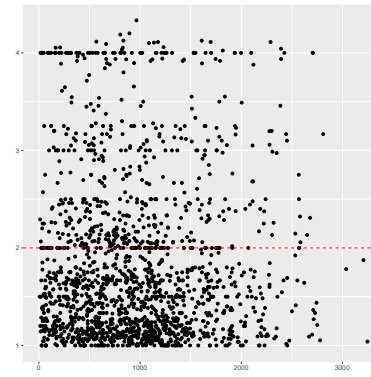
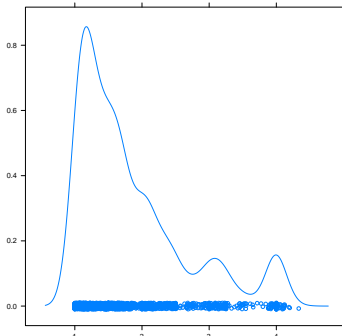
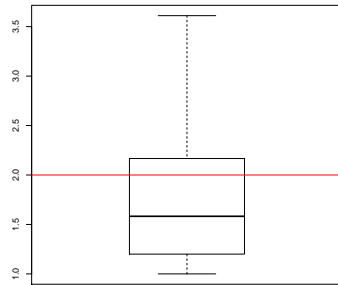
Sample Y07
 Mean 1.75
 Median 1.32
 % <2 73.3



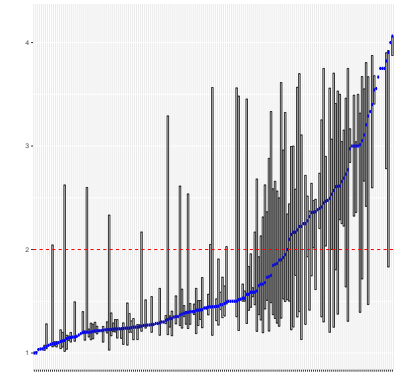
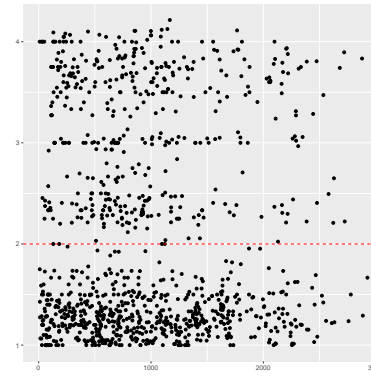
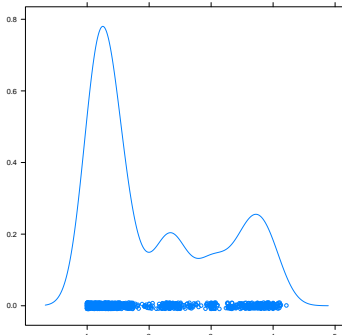
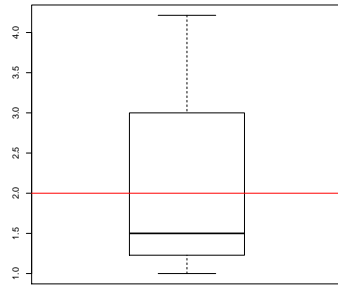
Sample Y02
Mean 1.89
Median 1.52
% <2 67.2



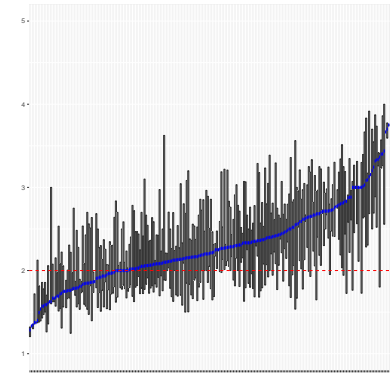
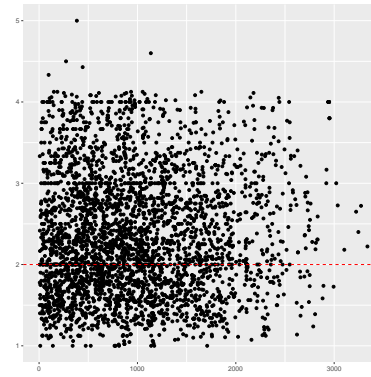
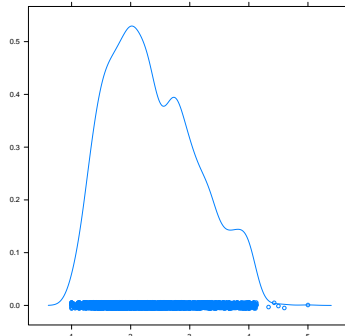
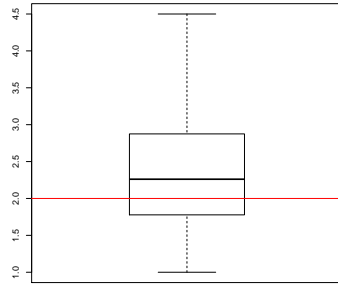
Sample Y01
Mean 1.84
Median 1.58
% <2 66.2



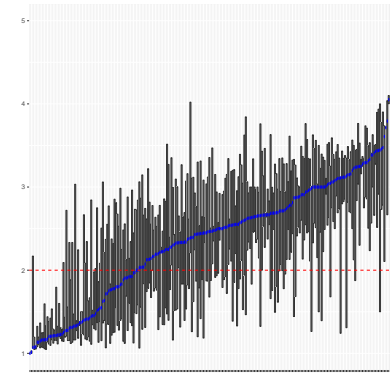
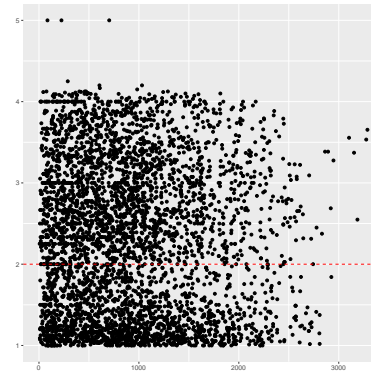
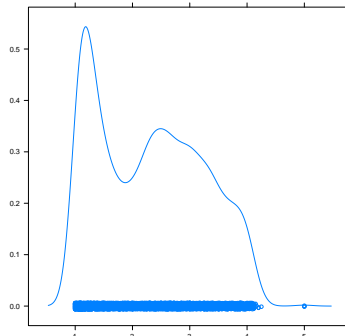
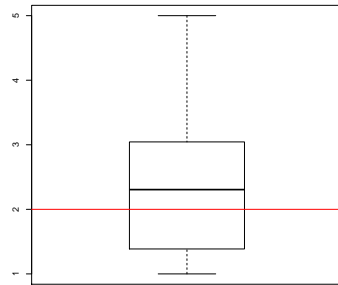
Sample Y09
Mean 2.05
Median 1.50
% <2 59.1



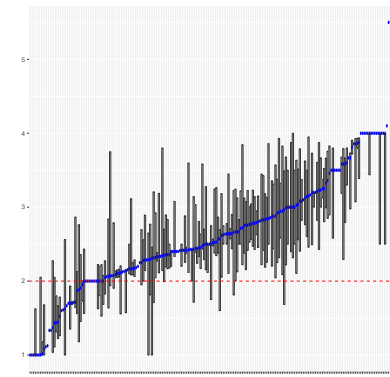
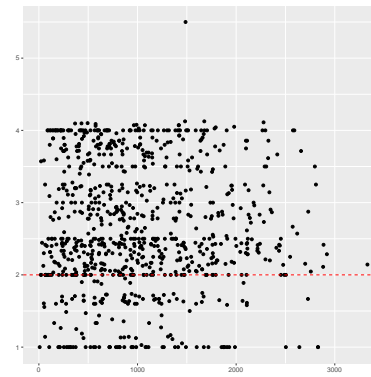
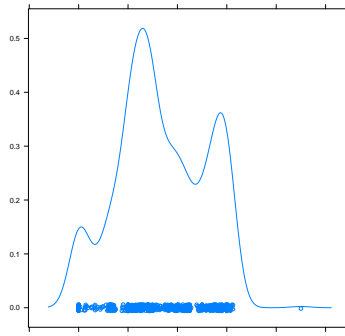
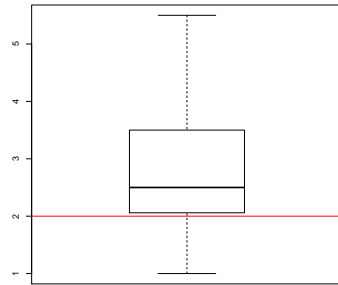
Sample T38
Mean 2.37
Median 2.26
% <2 34.6



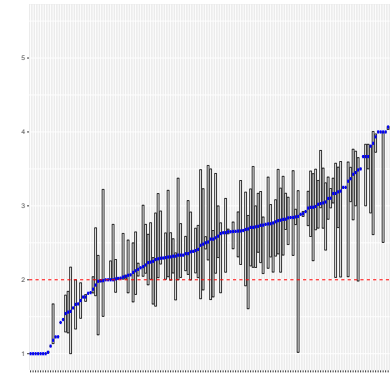
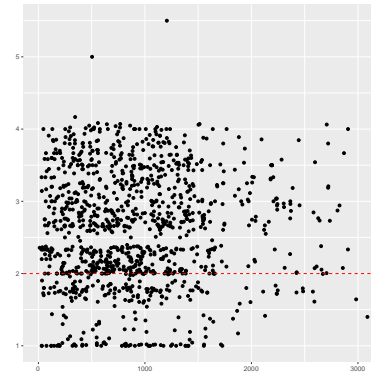
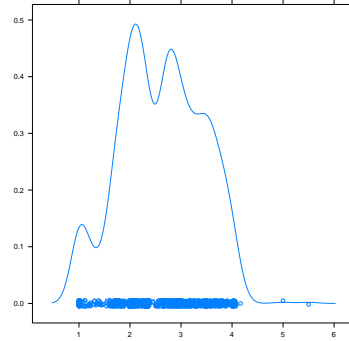
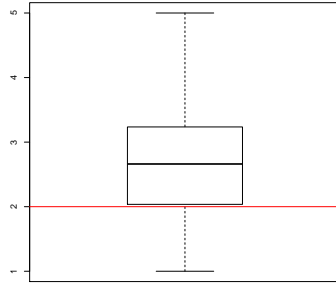
Sample Y03
Mean 2.30
Median 2.31
% <2 40.9



Sample Y06
Mean 2.67
Median 2.50
% <2 16.5



Sample Y04
Mean 2.61
Median 2.66
% <2 19.8



Sample R89
Mean 3.04
Median 3.07
% <2 6.00

