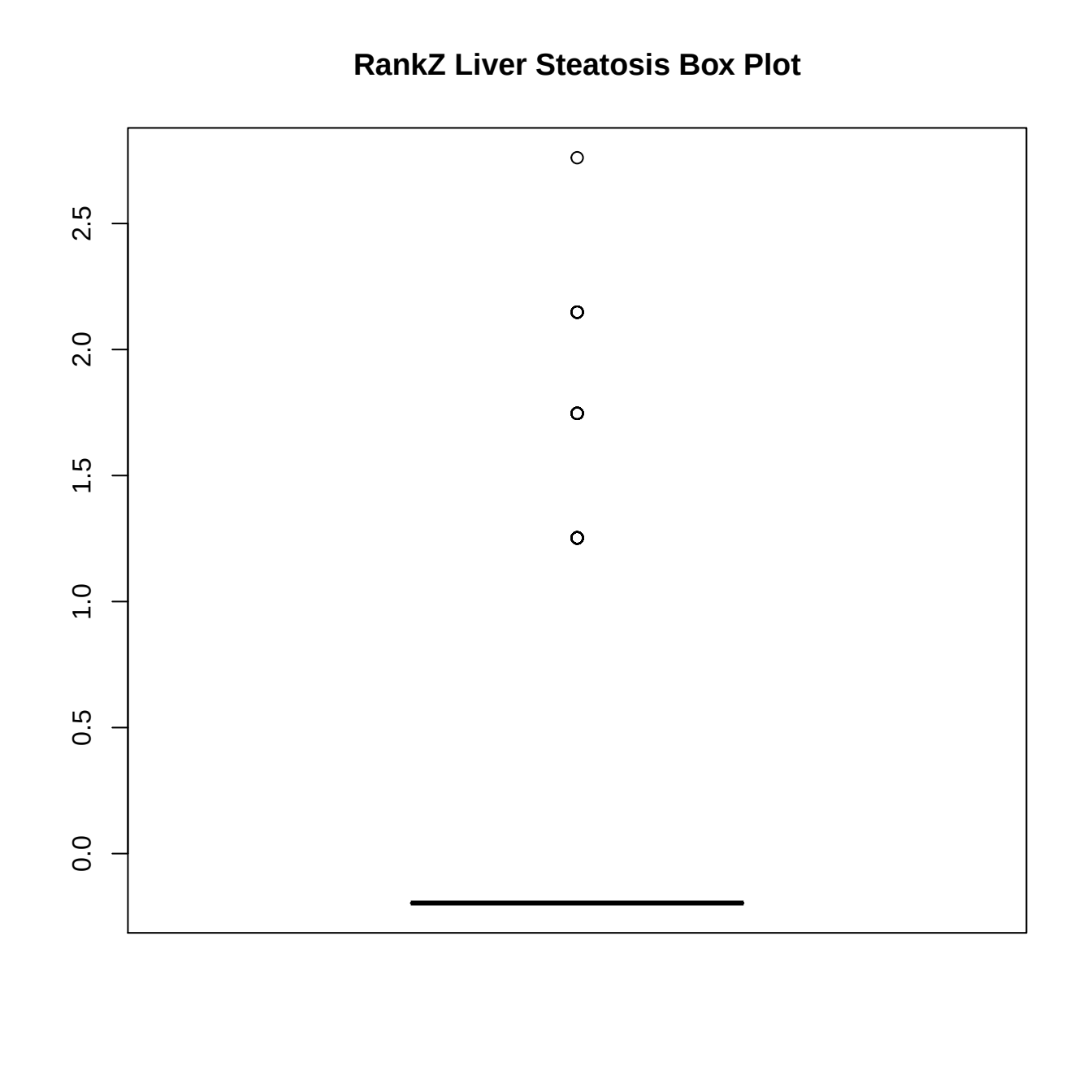
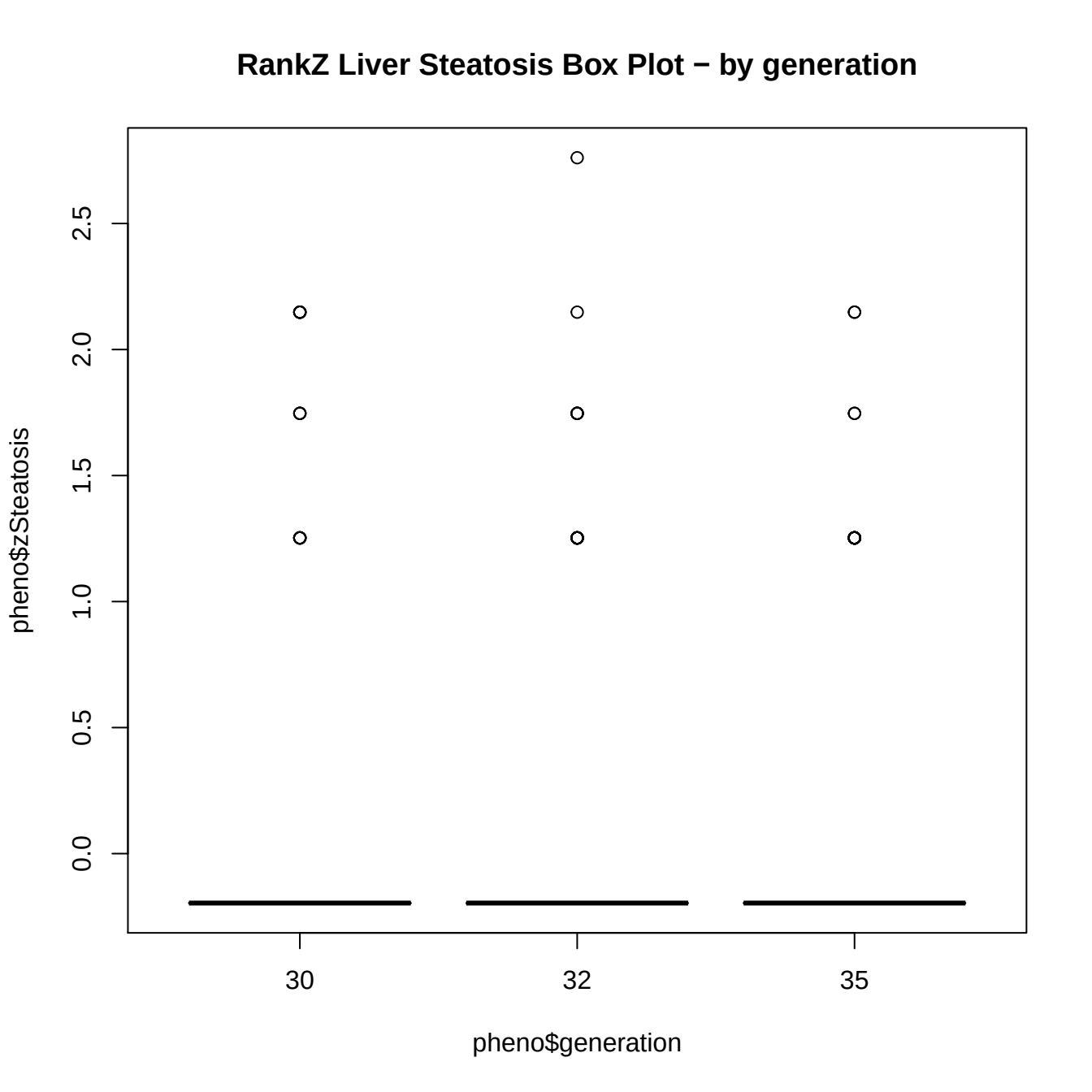
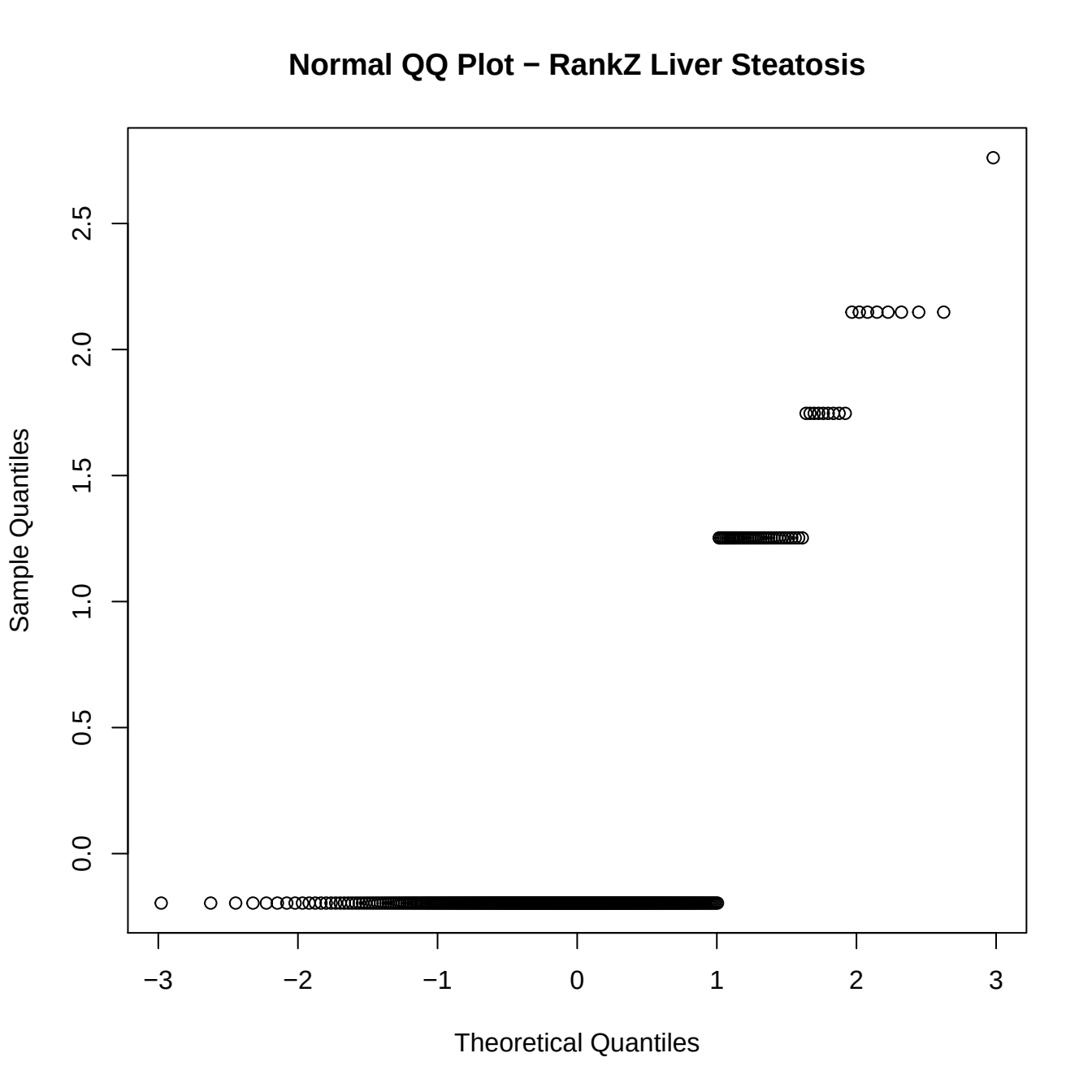
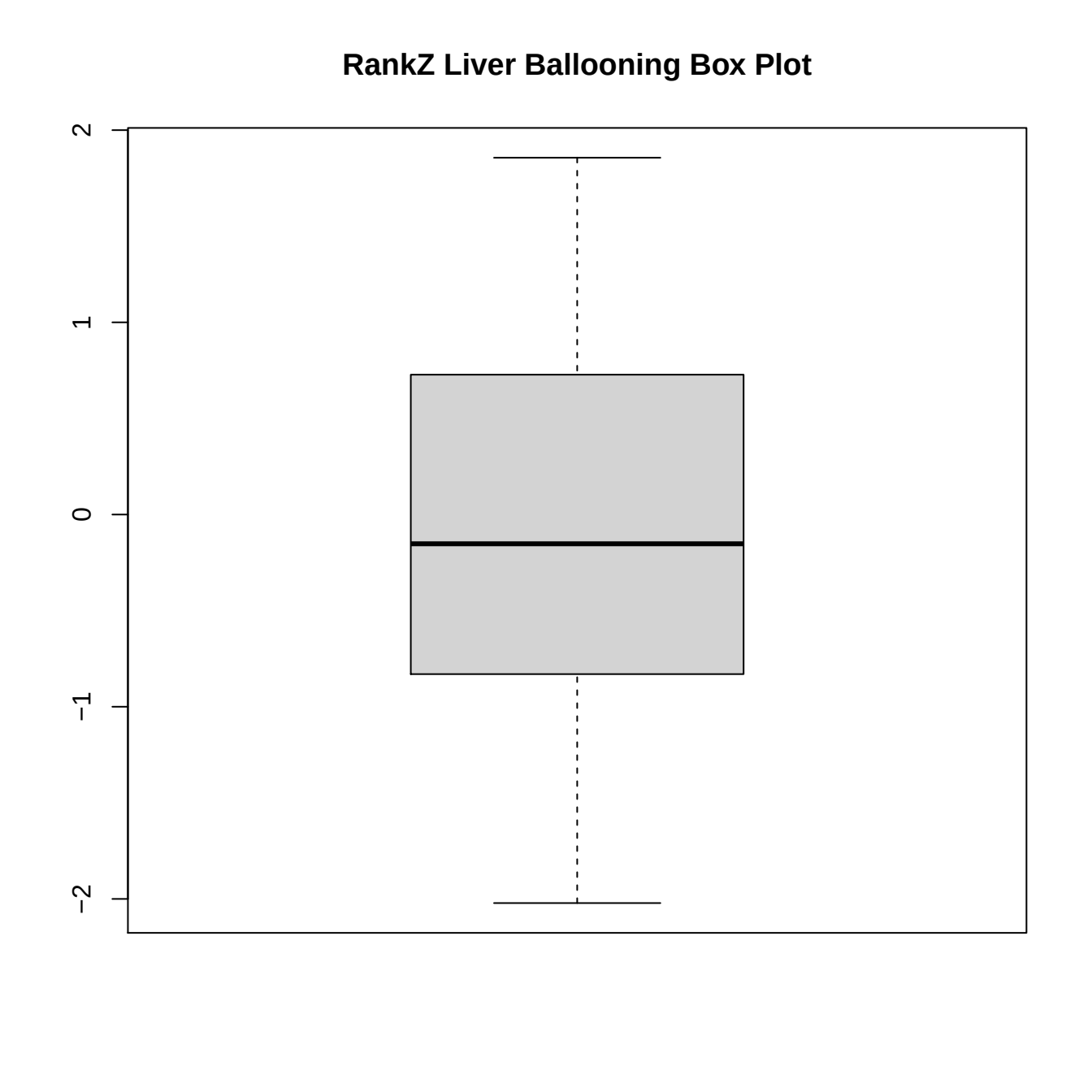
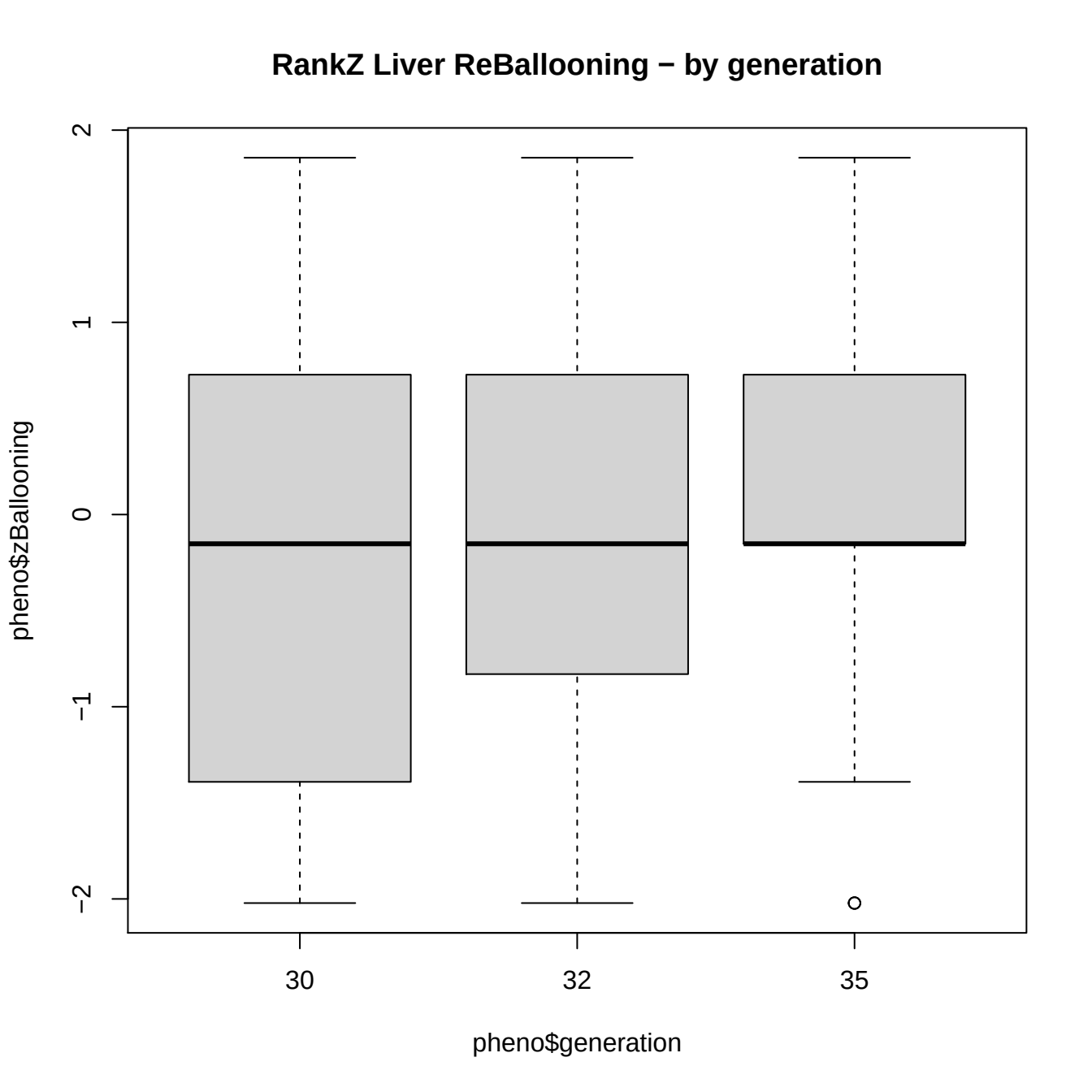
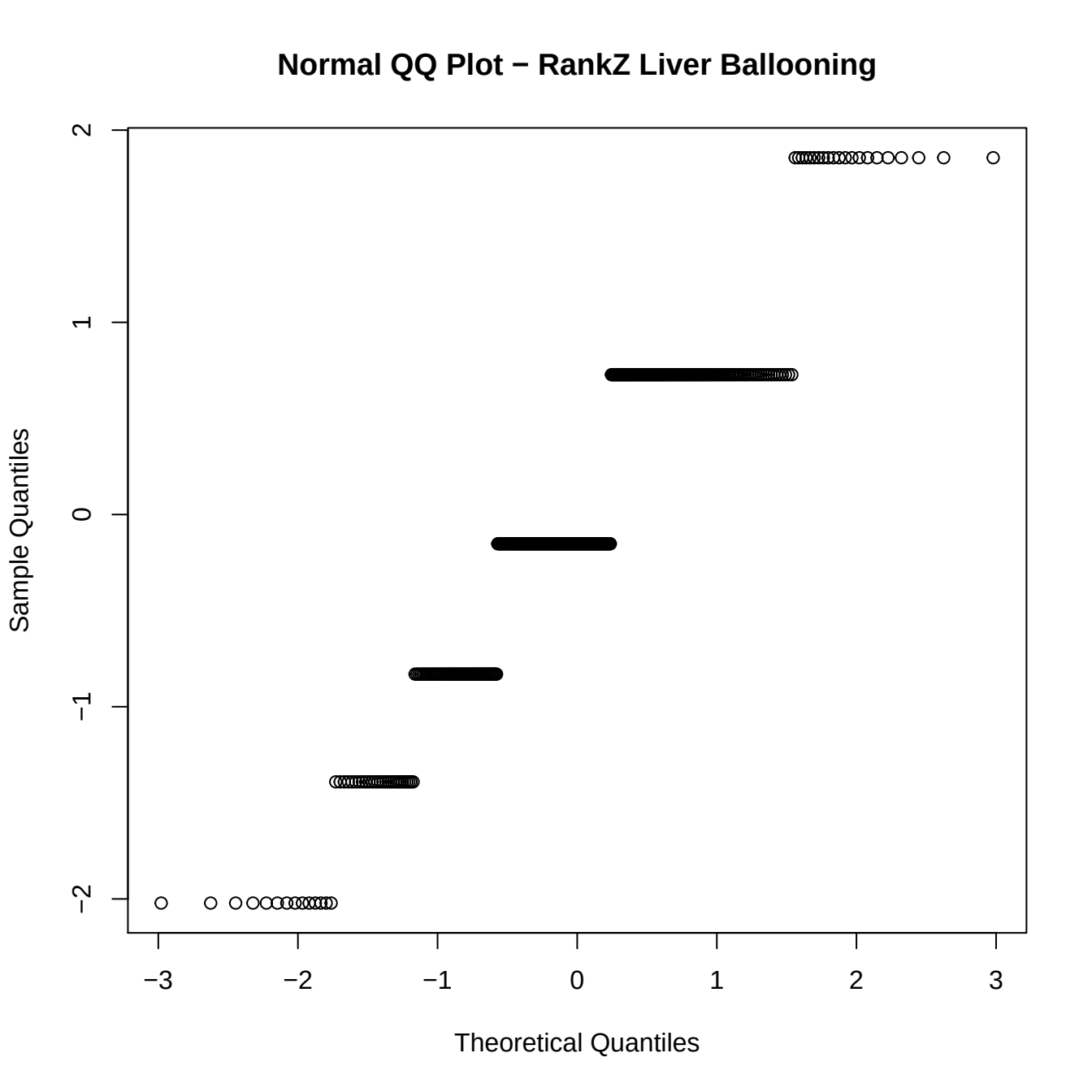

RankZ Liver Steatosis Box Plot
0.0
0.5
1.0
1.5
2.0
2.5

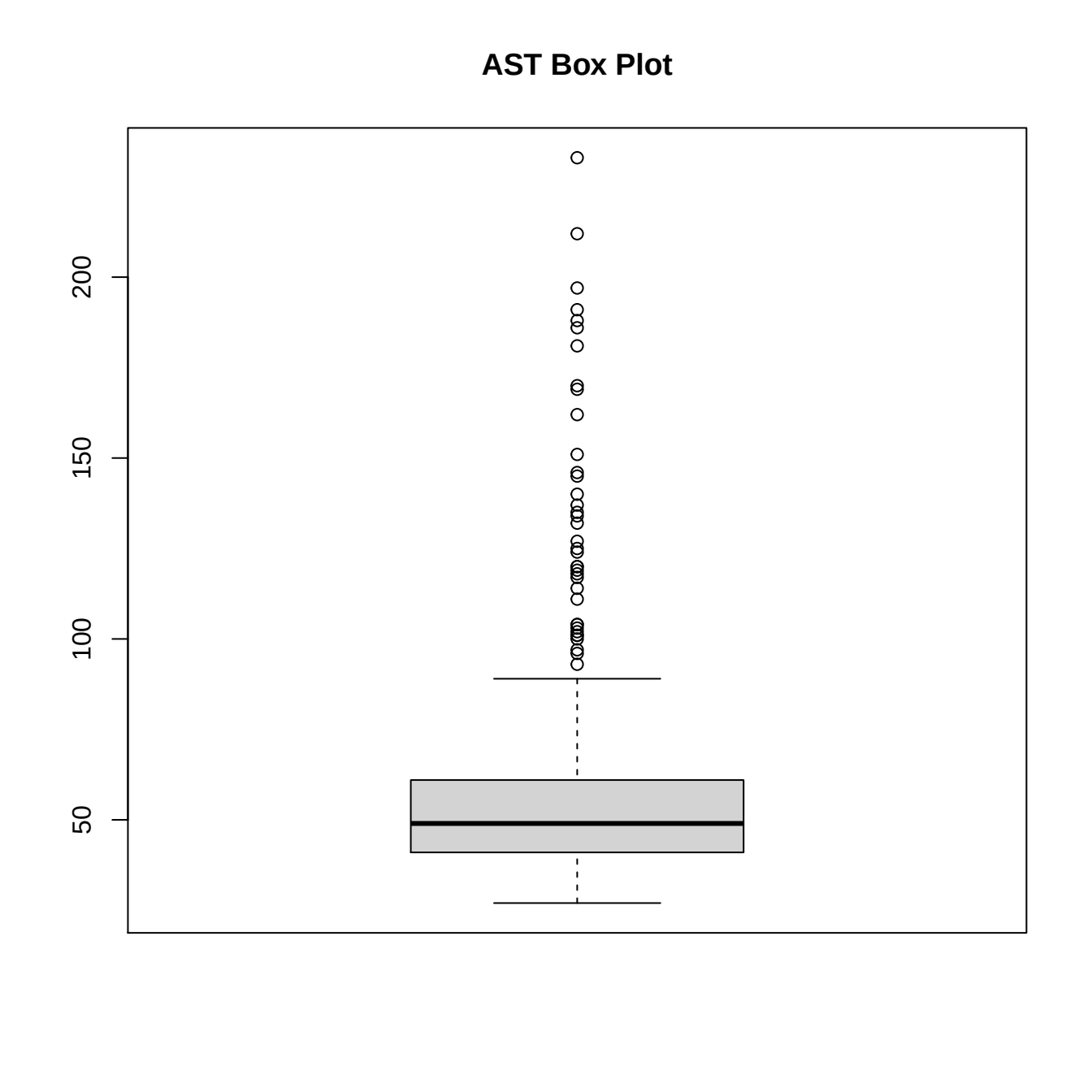

RankZ Liver Steatosis Box Plot − by generation
pheno$zSteatosis
0.0
0.5
1.0
1.5
2.0
2.5
30
32
35
pheno$generation

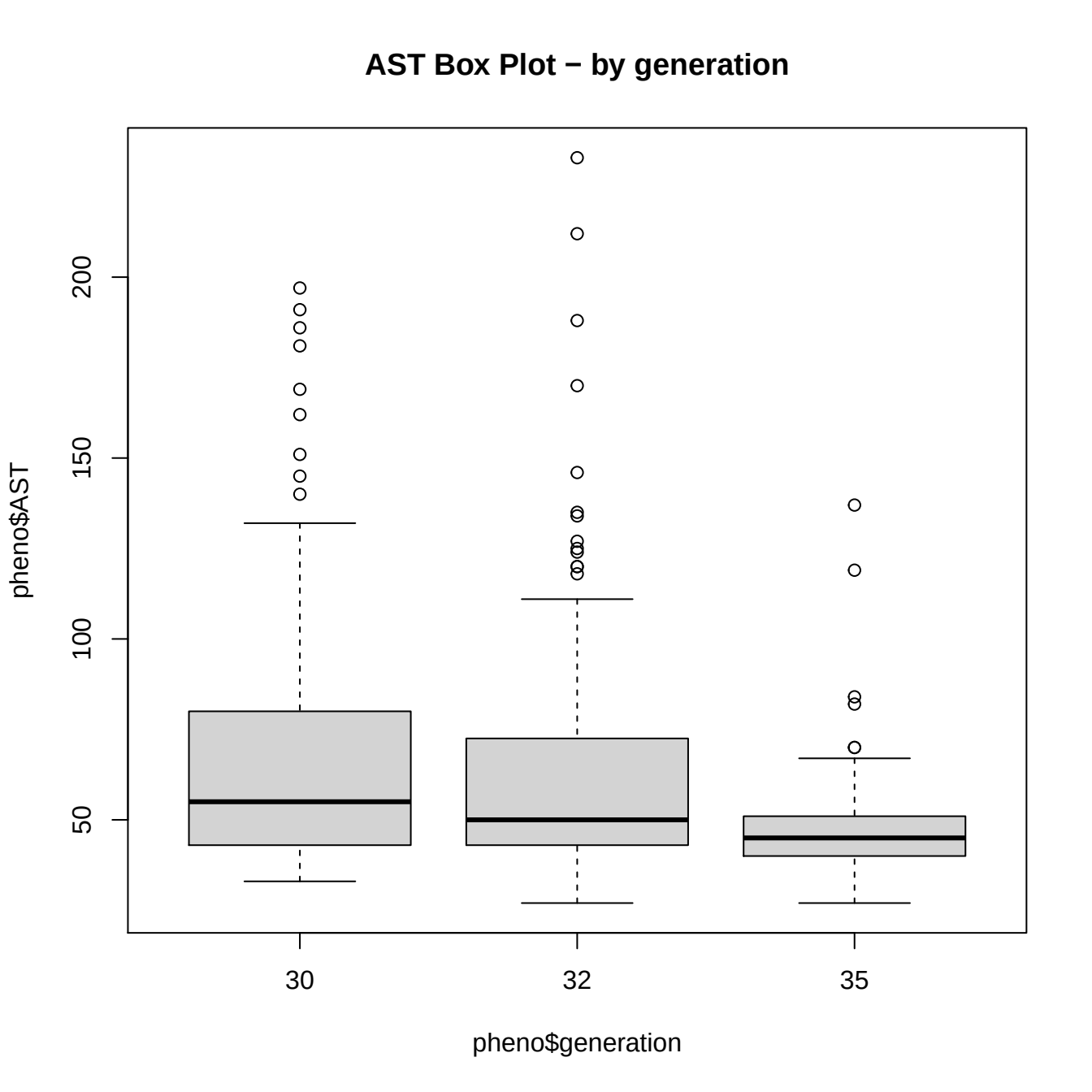

Normal QQ Plot − RankZ Liver Steatosis
Sample Quantiles
Theoretical Quantiles
0.0
0.5
1.0
1.5
2.0
2.5
−3
−2
−1
0
1
2
3

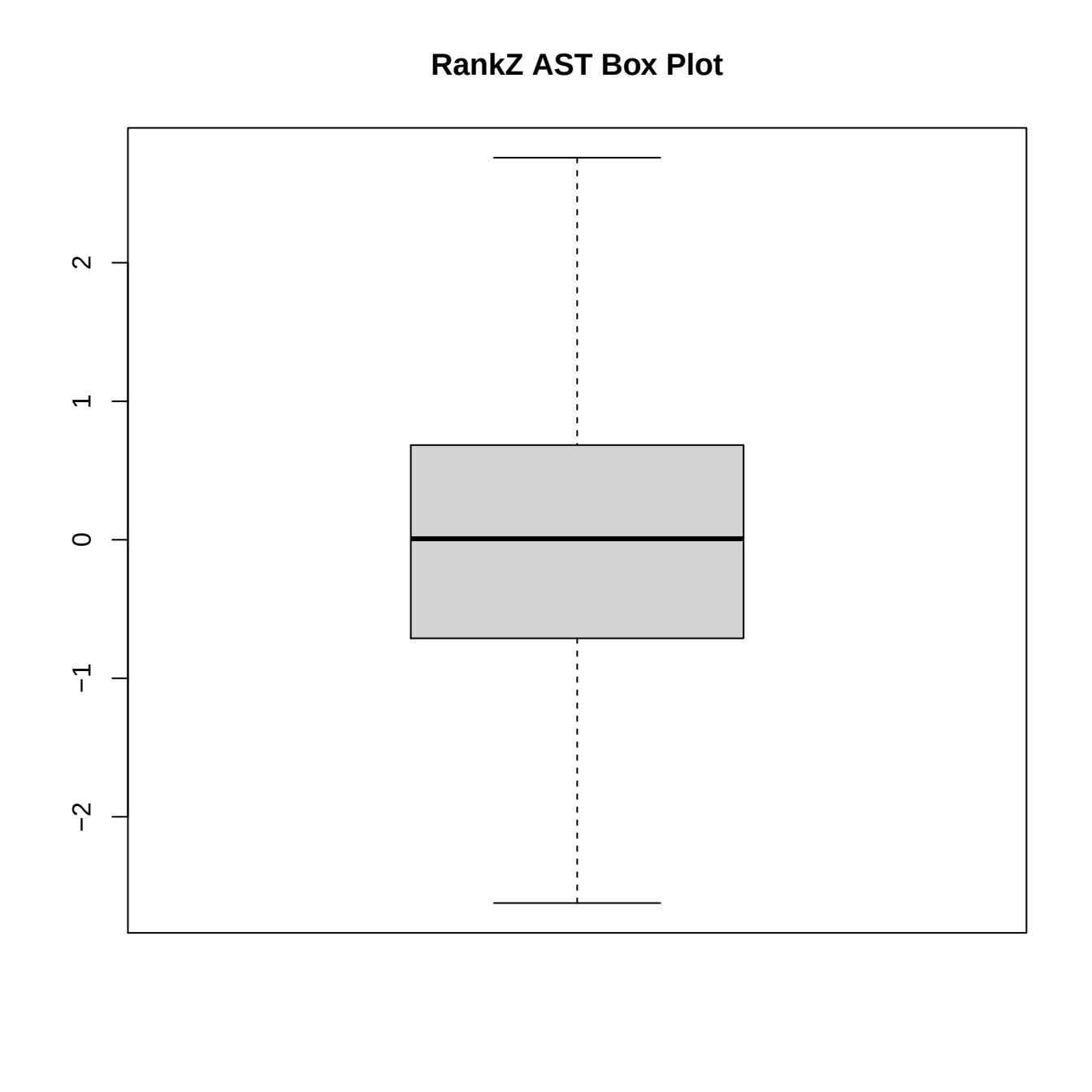

RankZ Liver Ballooning Box Plot
2
1
0
−1
−2

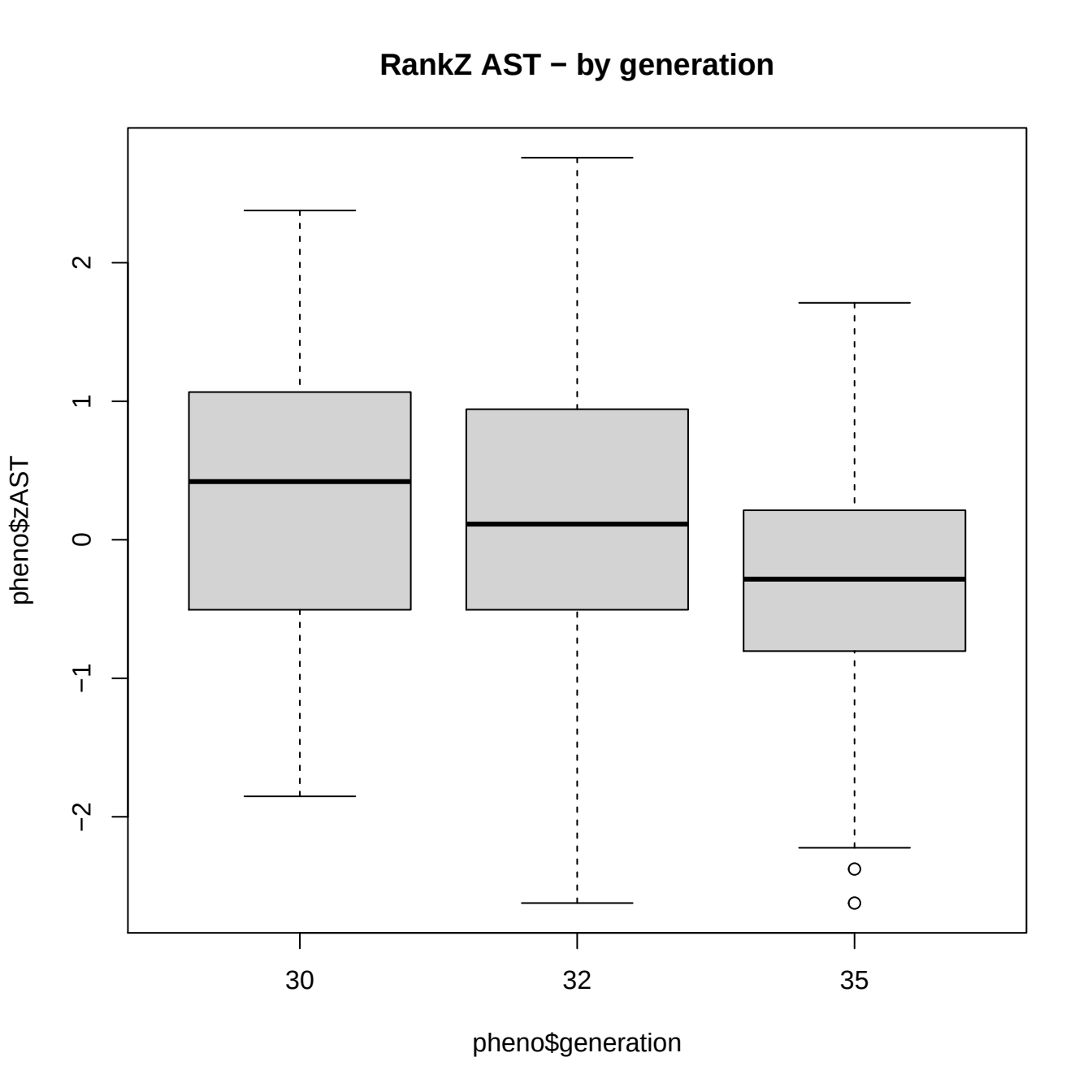

RankZ Liver ReBallooning − by generation
phenо$zBallooning
2
1
0
−1
−2
30
32
35
pheno$generation

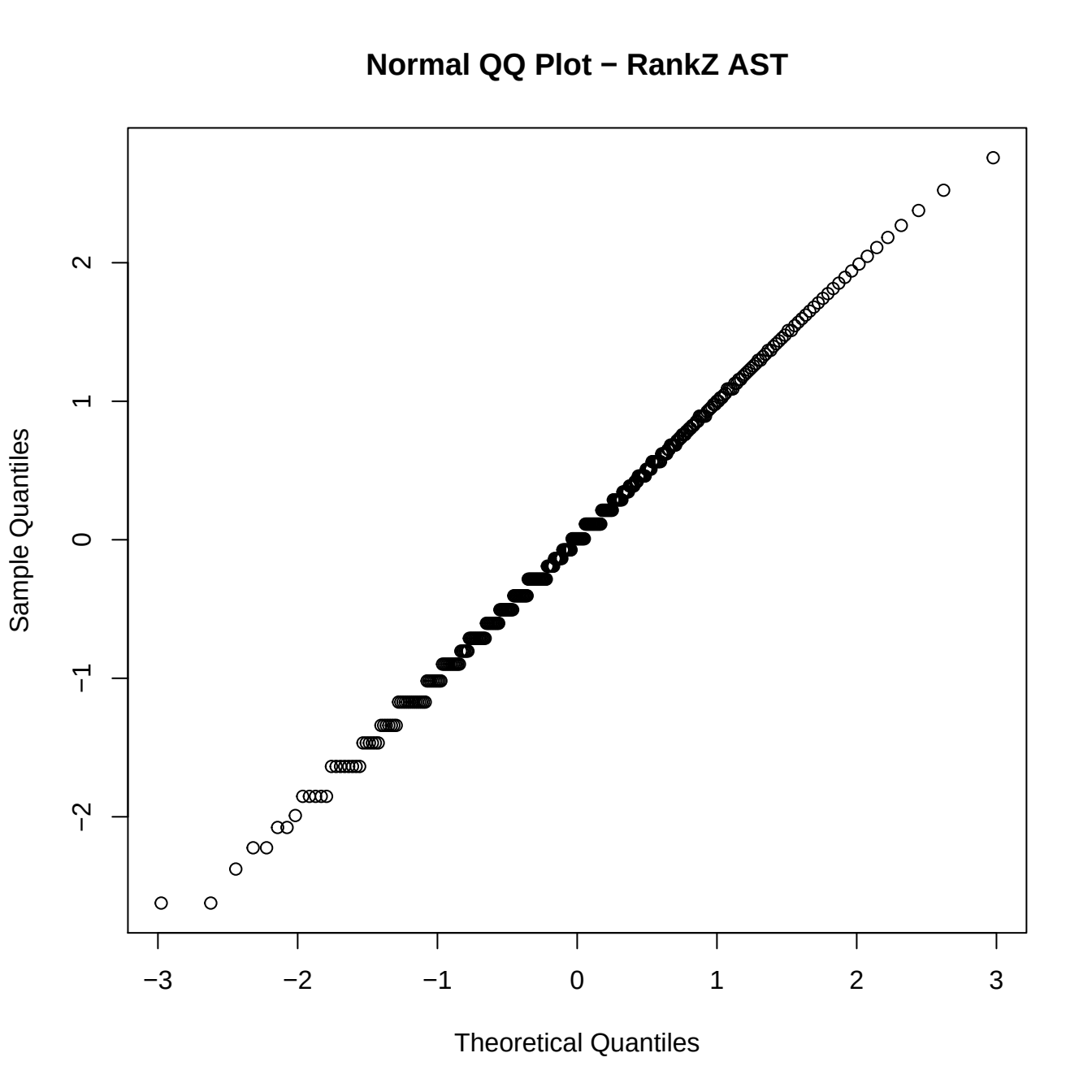

Normal QQ Plot − RankZ Liver Ballooning
Sample Quantiles
Theoretical Quantiles
2
1
0
−1
−2
−3
−2
−1
0
1
2
3

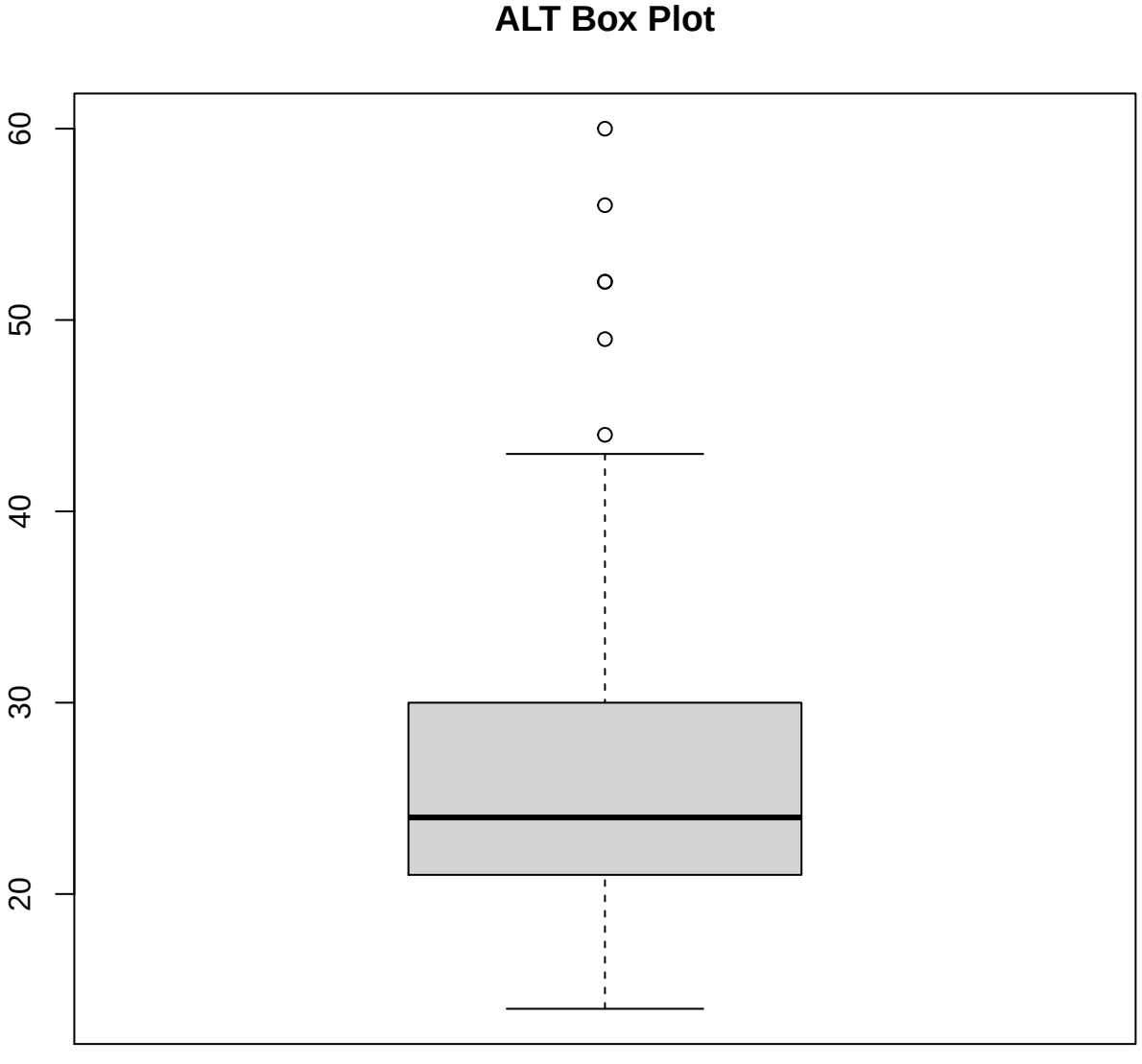

AST Box Plot
200
150
100
50

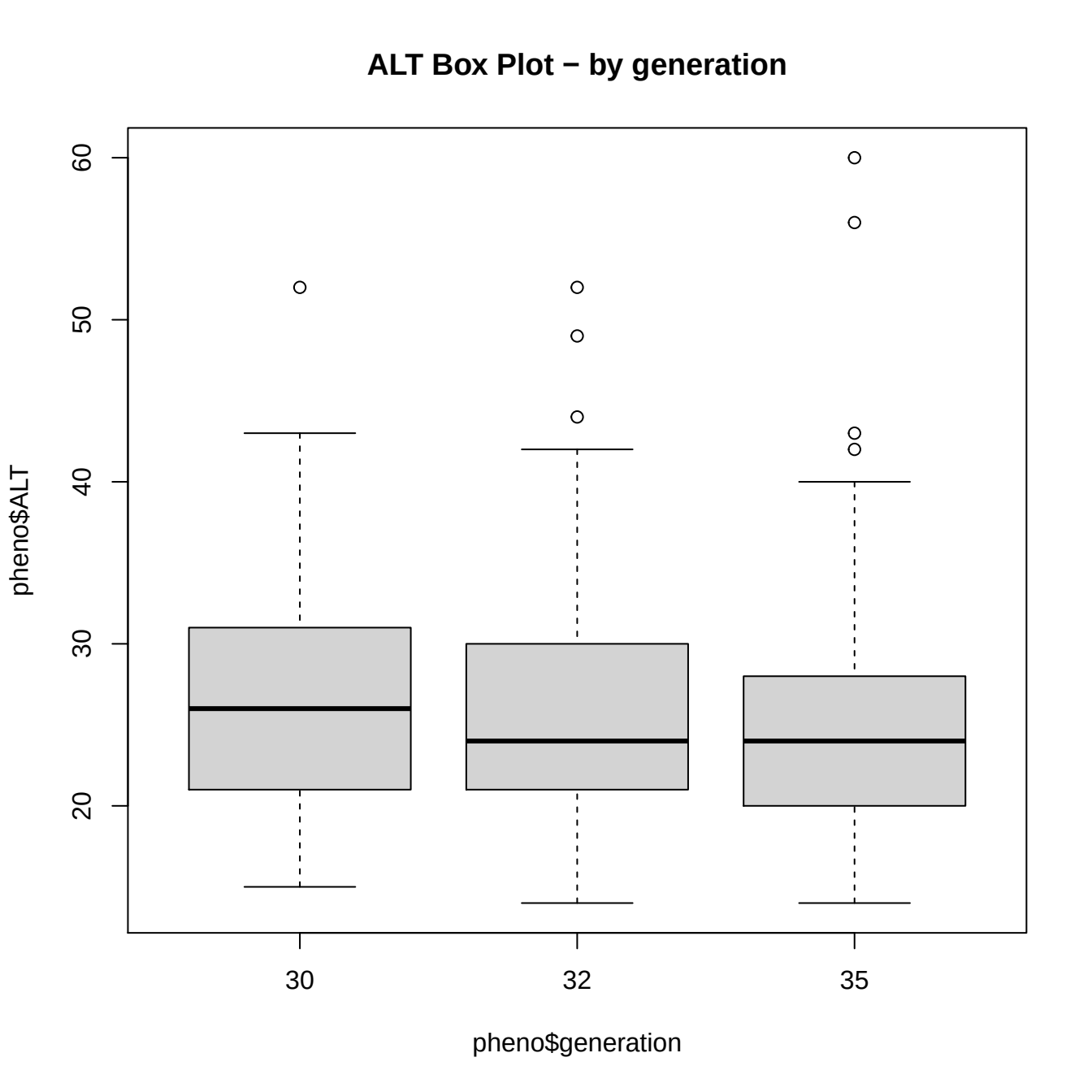

AST Box Plot − by generation
pheno$AST
50
100
150
200
30
32
35
pheno$generation

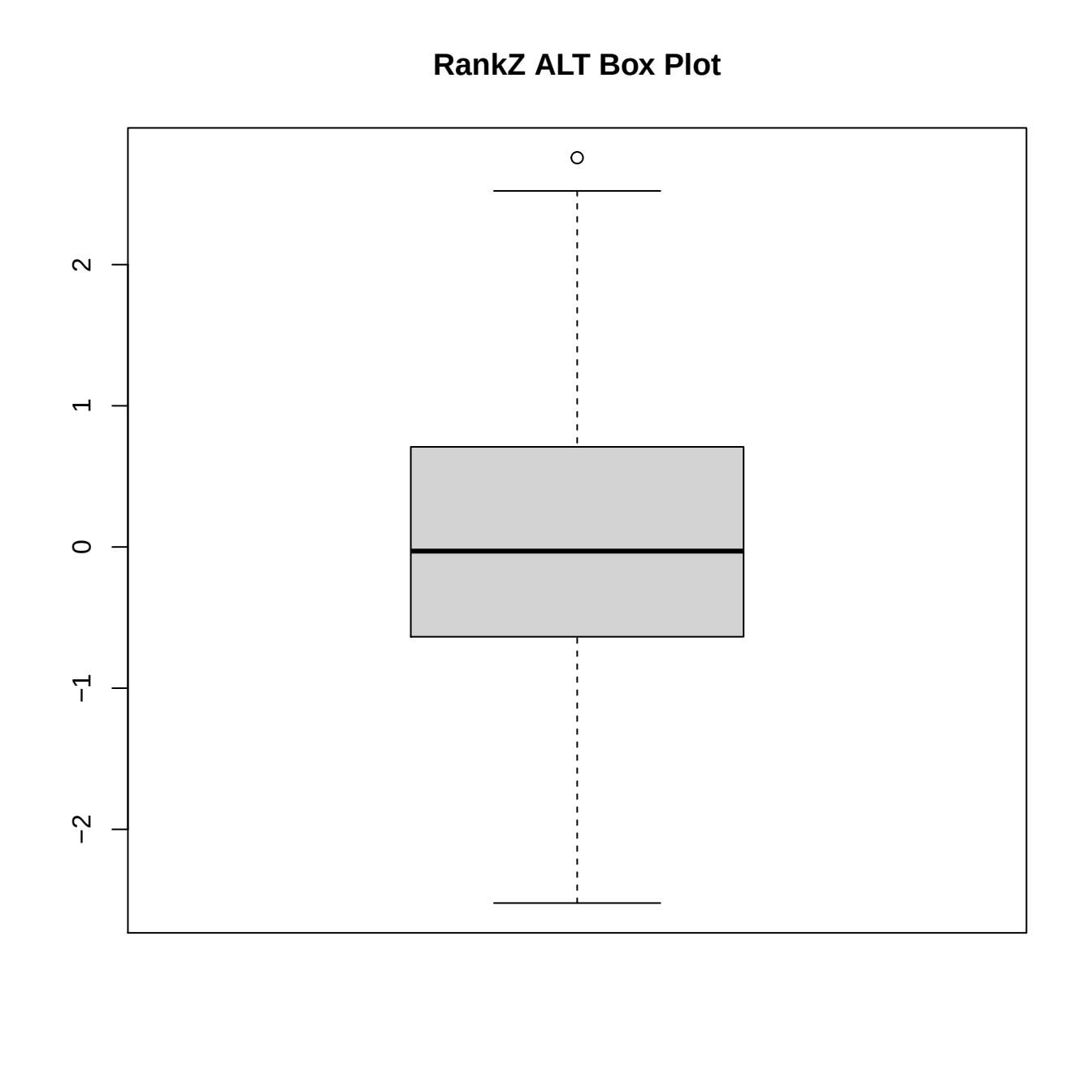

RankZ AST Box Plot
2
1
0
−1
−2

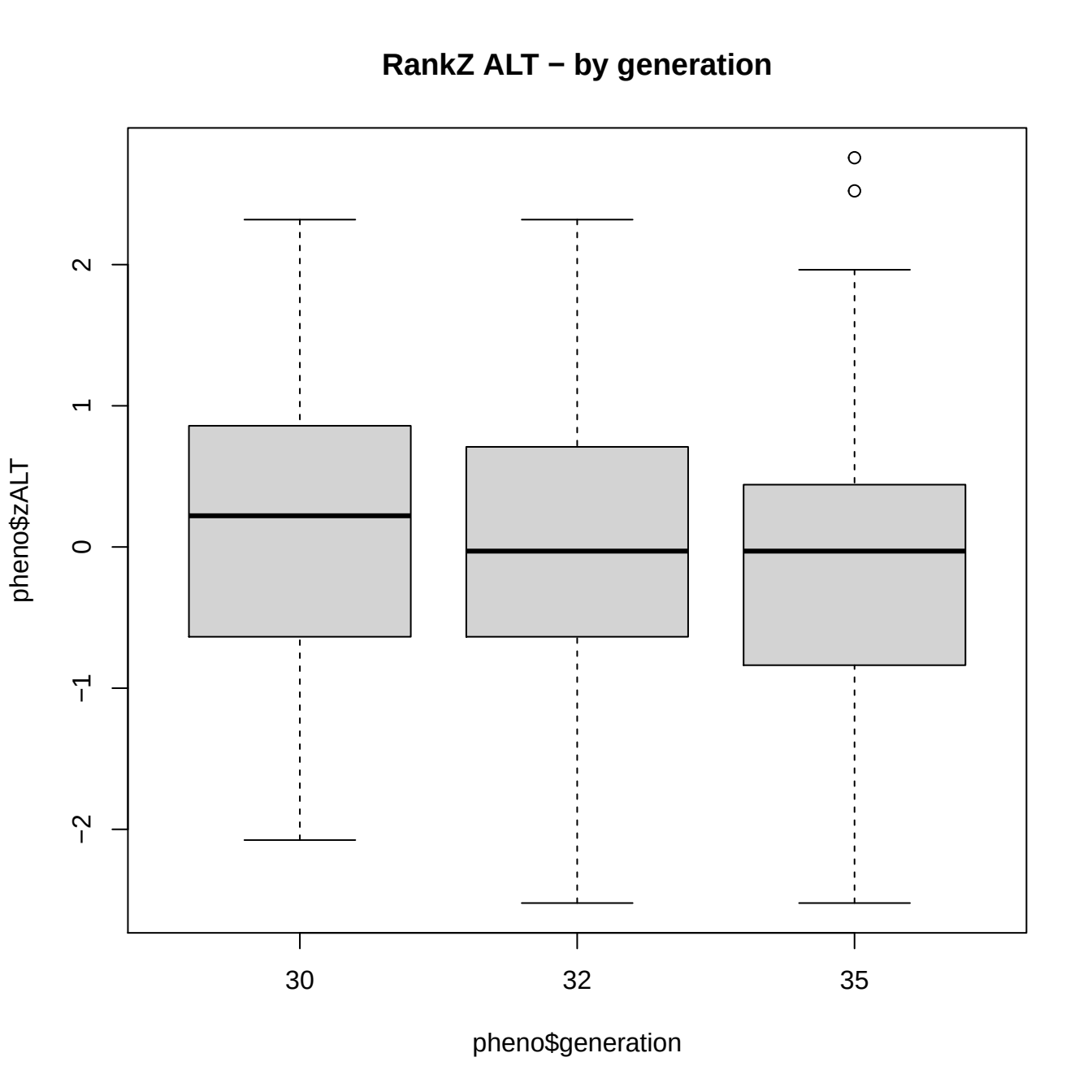

RankZ AST − by generation
pheno$zAST
2
1
0
−1
−2
30
32
35
pheno$generation

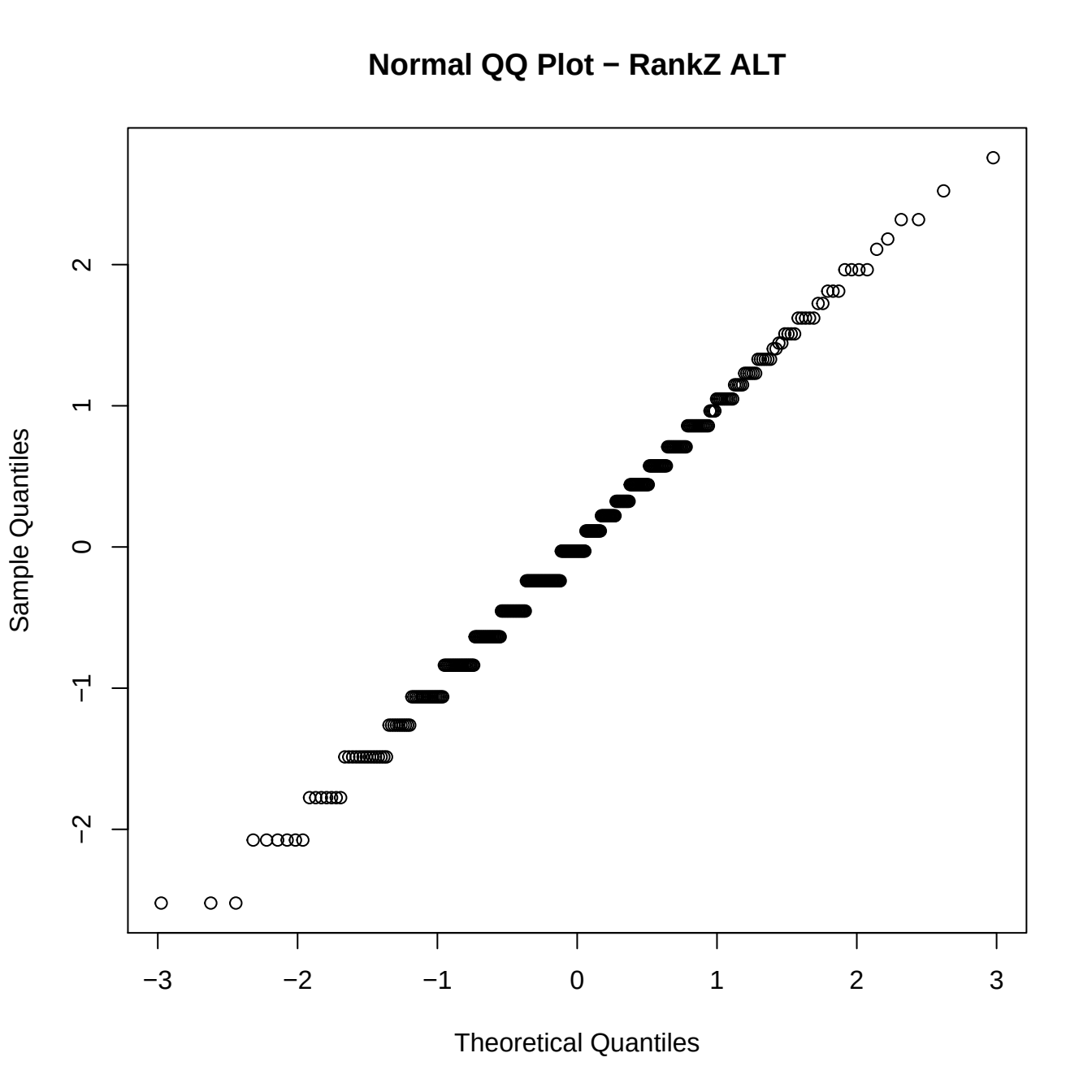

Normal QQ Plot − RankZ AST
Sample Quantiles
Theoretical Quantiles
−3
−2
−1
0
1
2
3
−2
−1
0
1
2

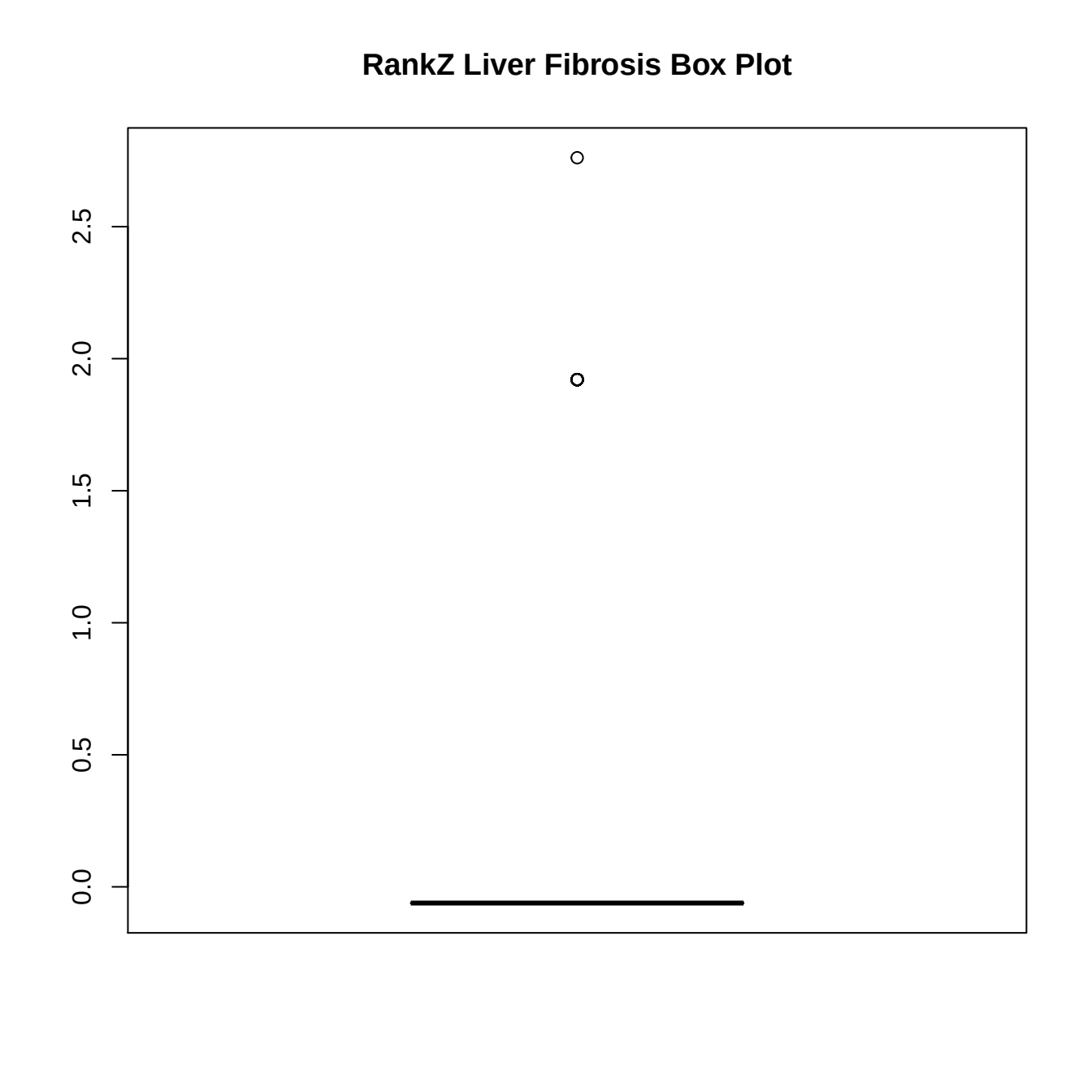

ALT Box Plot
60
50
40
30
20

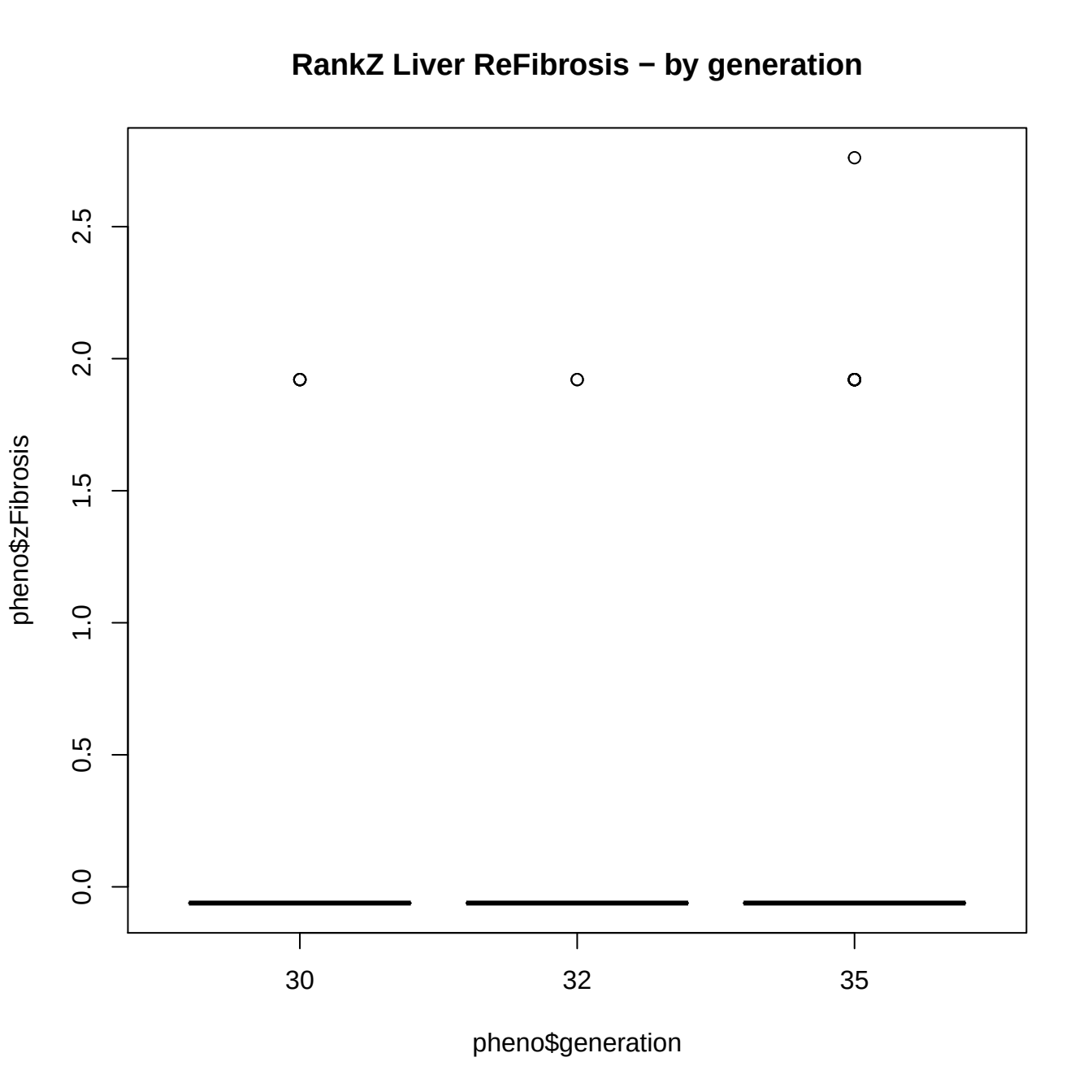

ALT Box Plot − by generation
pheno$ALT
60
50
40
30
20
30
32
35
pheno$generation

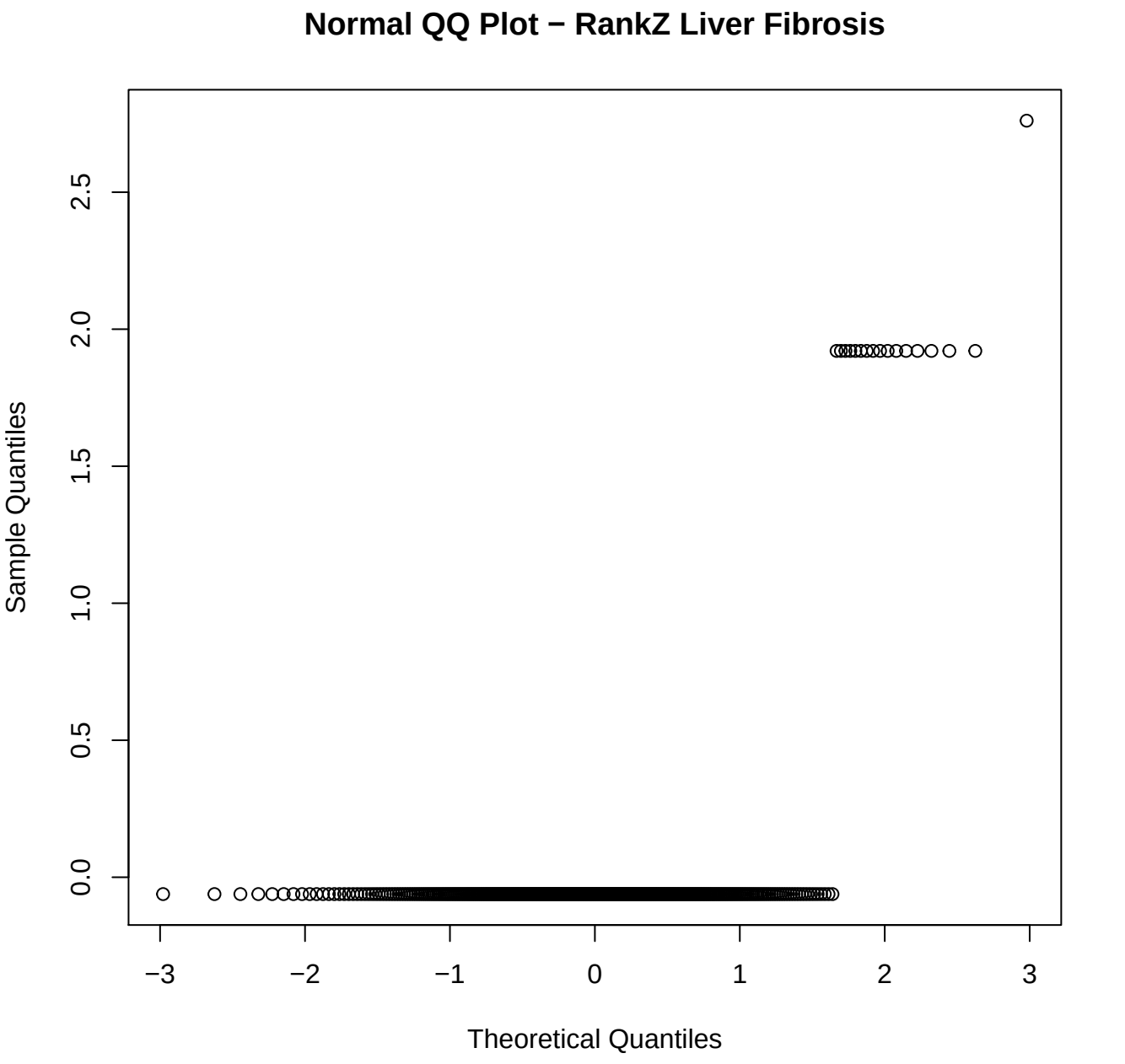

RankZ ALT Box Plot
2
1
0
−1
−2


RankZ ALT − by generation
pheno$zALT
2
1
0
−1
−2
30
32
35
pheno$generation


Normal QQ Plot − RankZ ALT
Sample Quantiles
Theoretical Quantiles
−3
−2
−1
0
1
2
3
−2
−1
0
1
2


RankZ Liver Fibrosis Box Plot
0.0
0.5
1.0
1.5
2.0
2.5


RankZ Liver ReFibrosis − by generation
pheno$zFibrosis
0.0
0.5
1.0
1.5
2.0
2.5
30
32
35
pheno$generation


Normal QQ Plot − RankZ Liver Fibrosis
Sample Quantiles
Theoretical Quantiles
0.0
0.5
1.0
1.5
2.0
2.5
−3
−2
−1
0
1
2
3