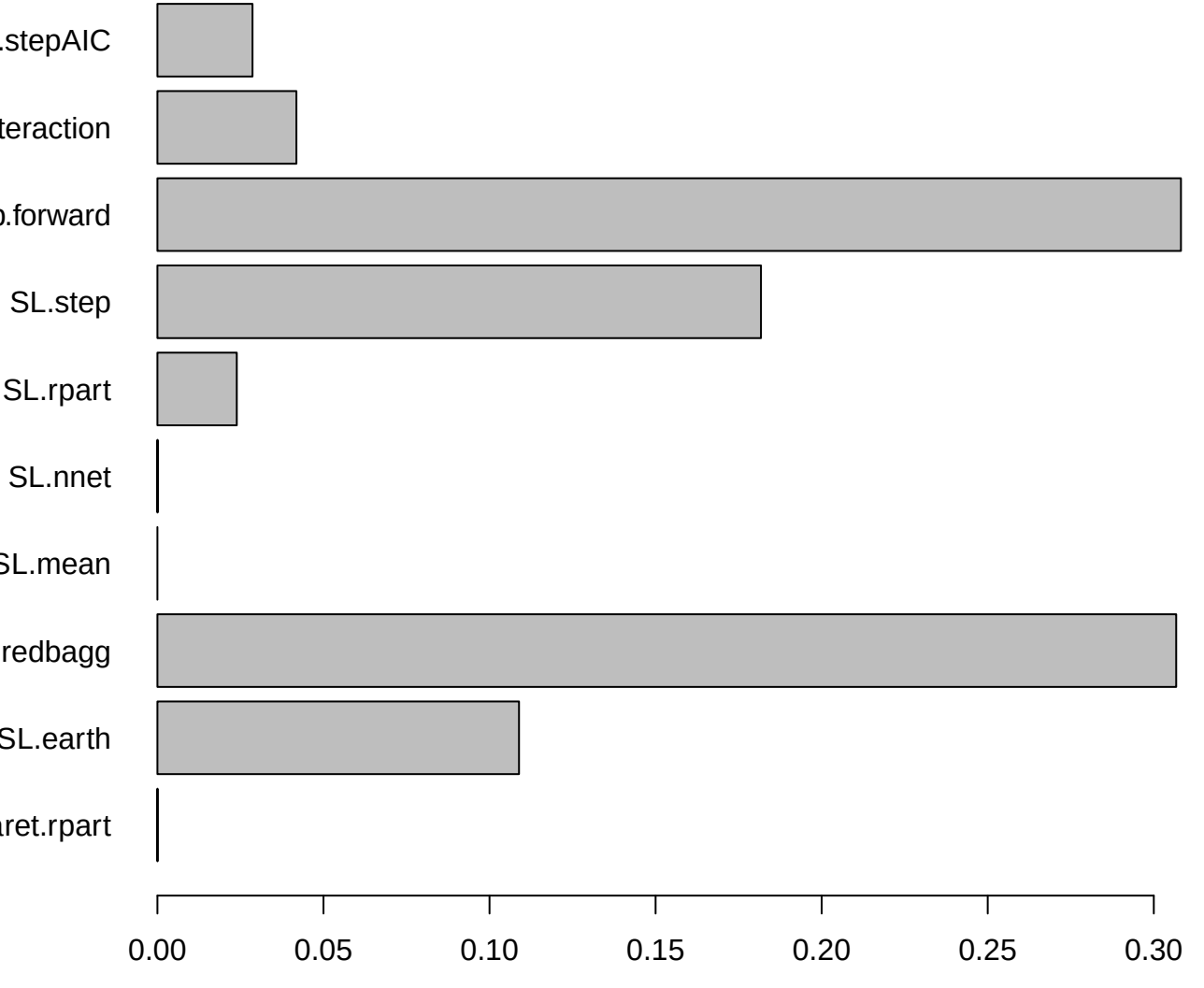
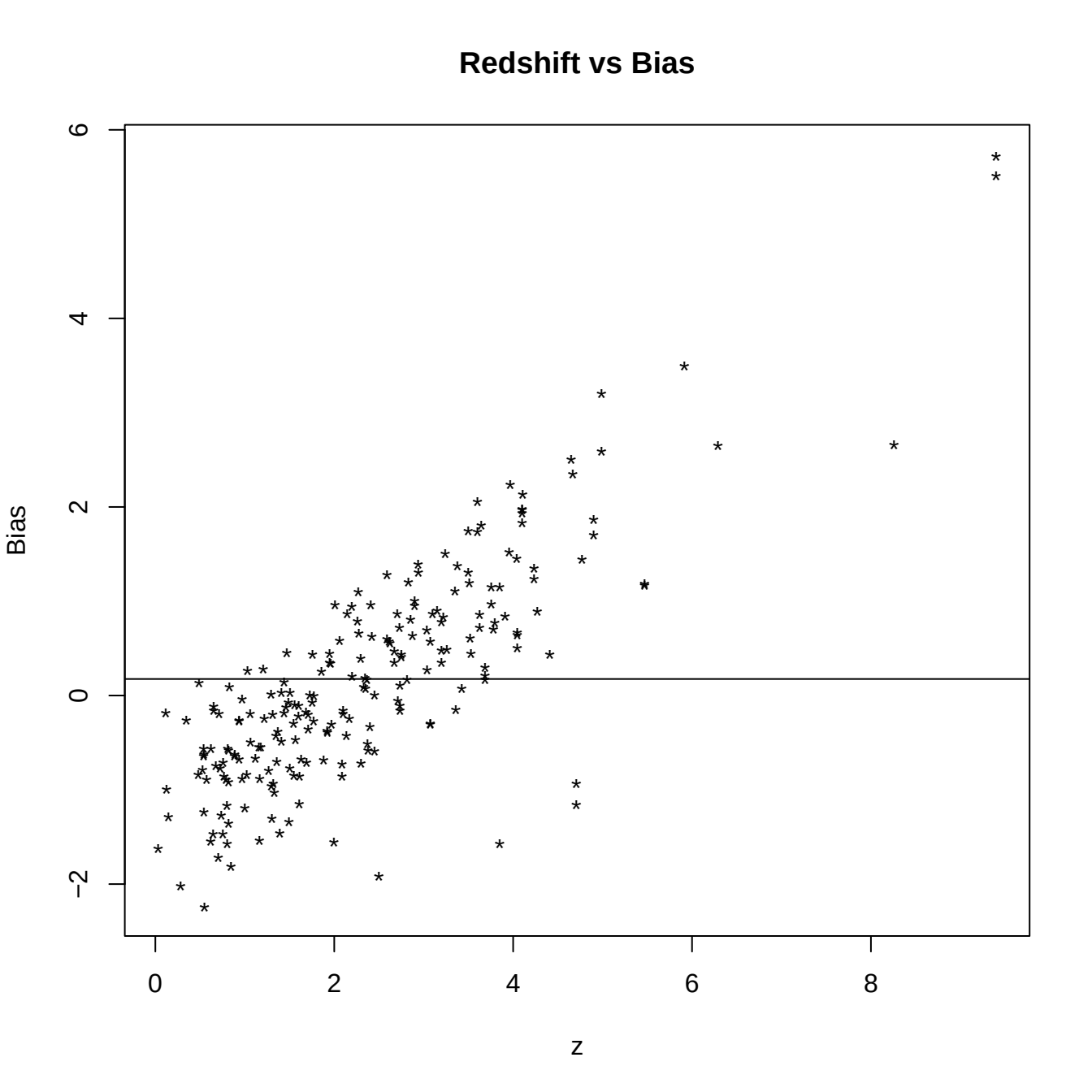
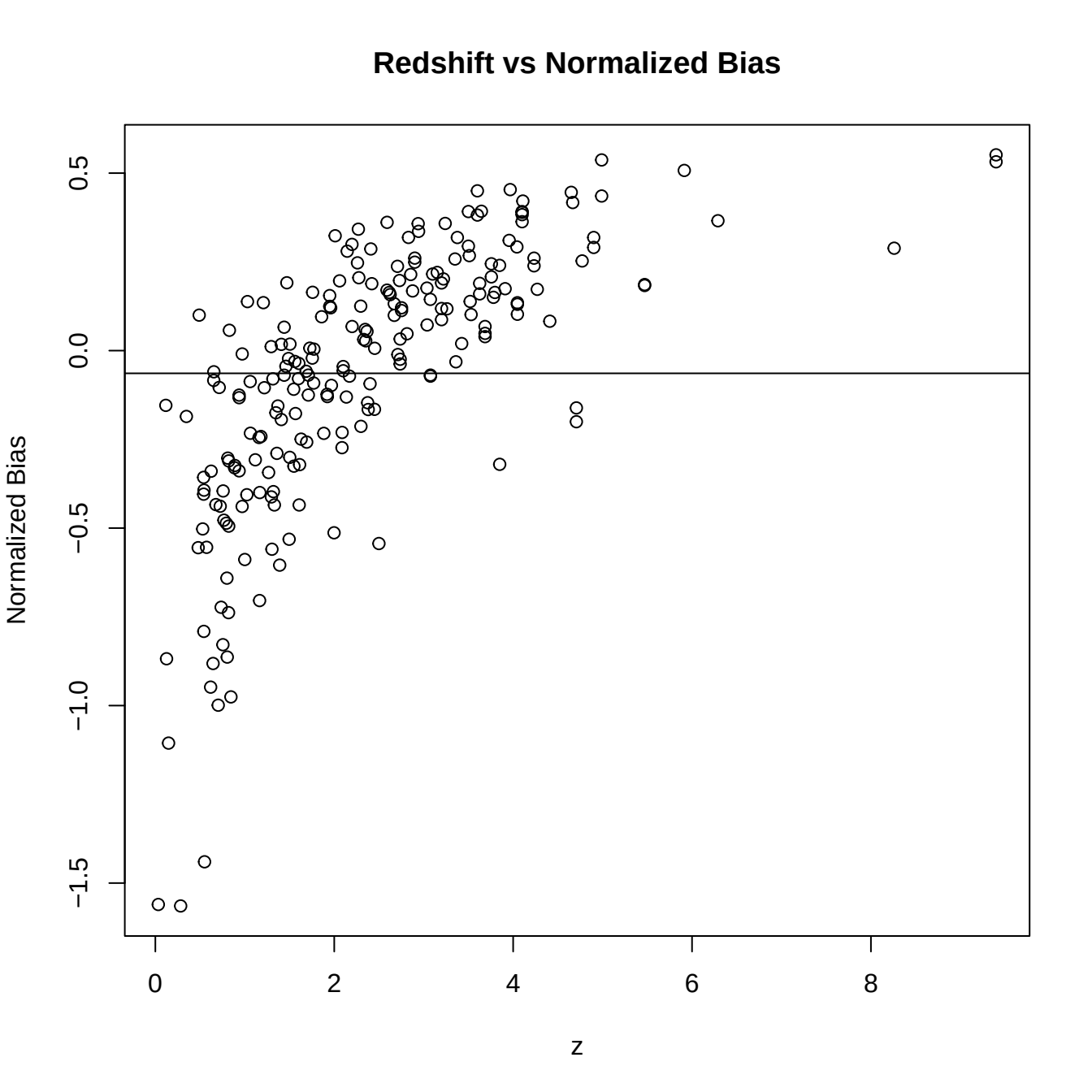
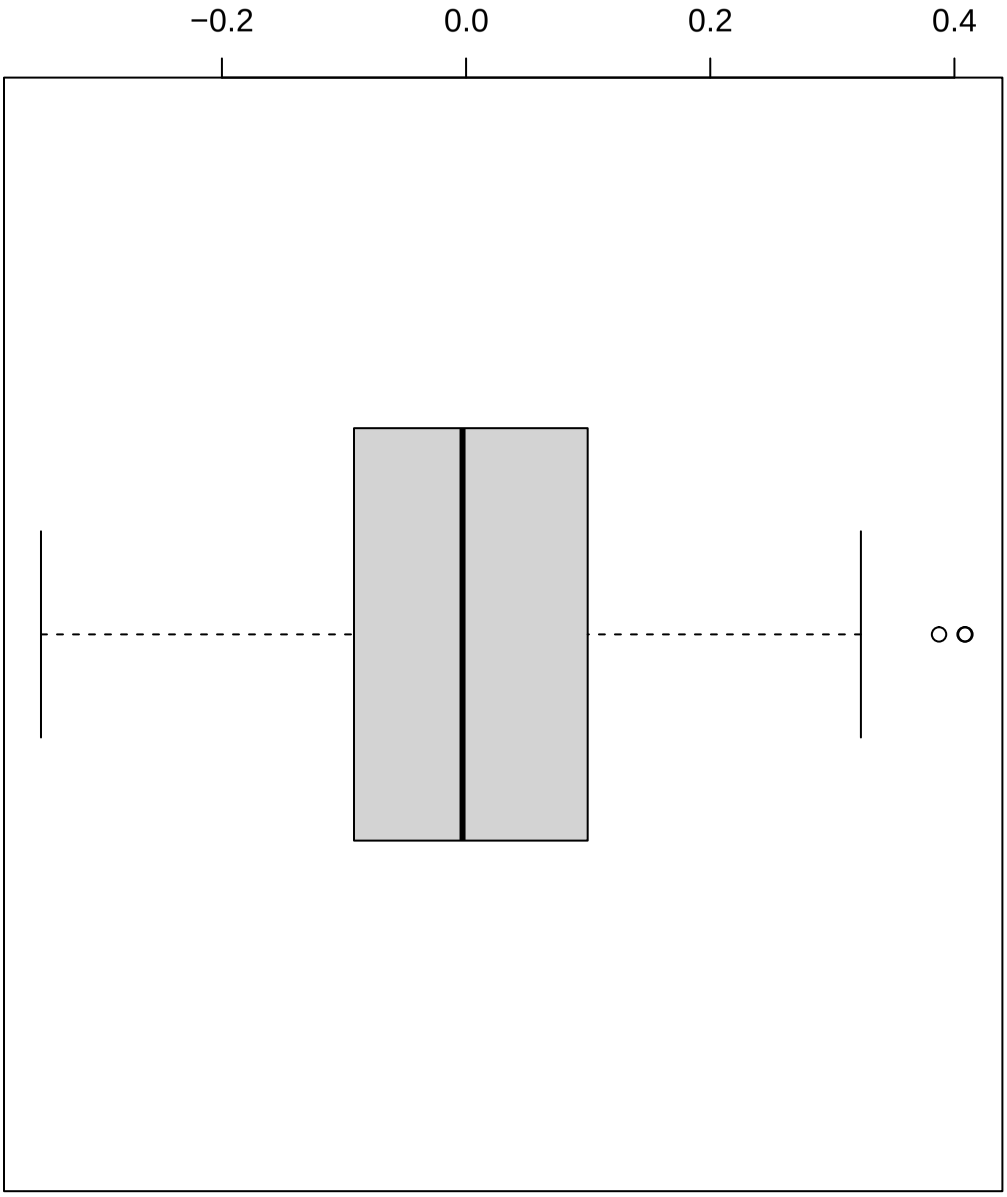
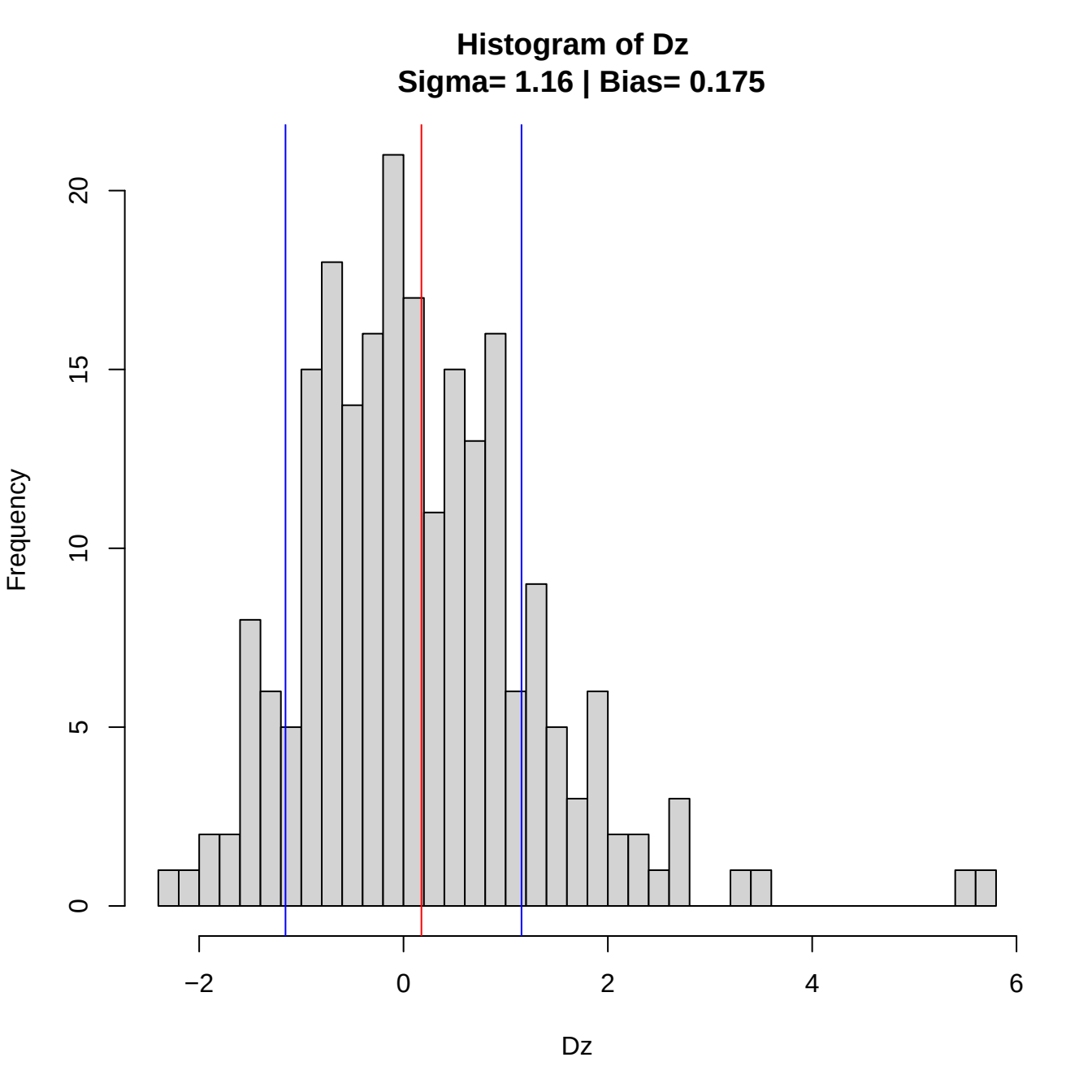
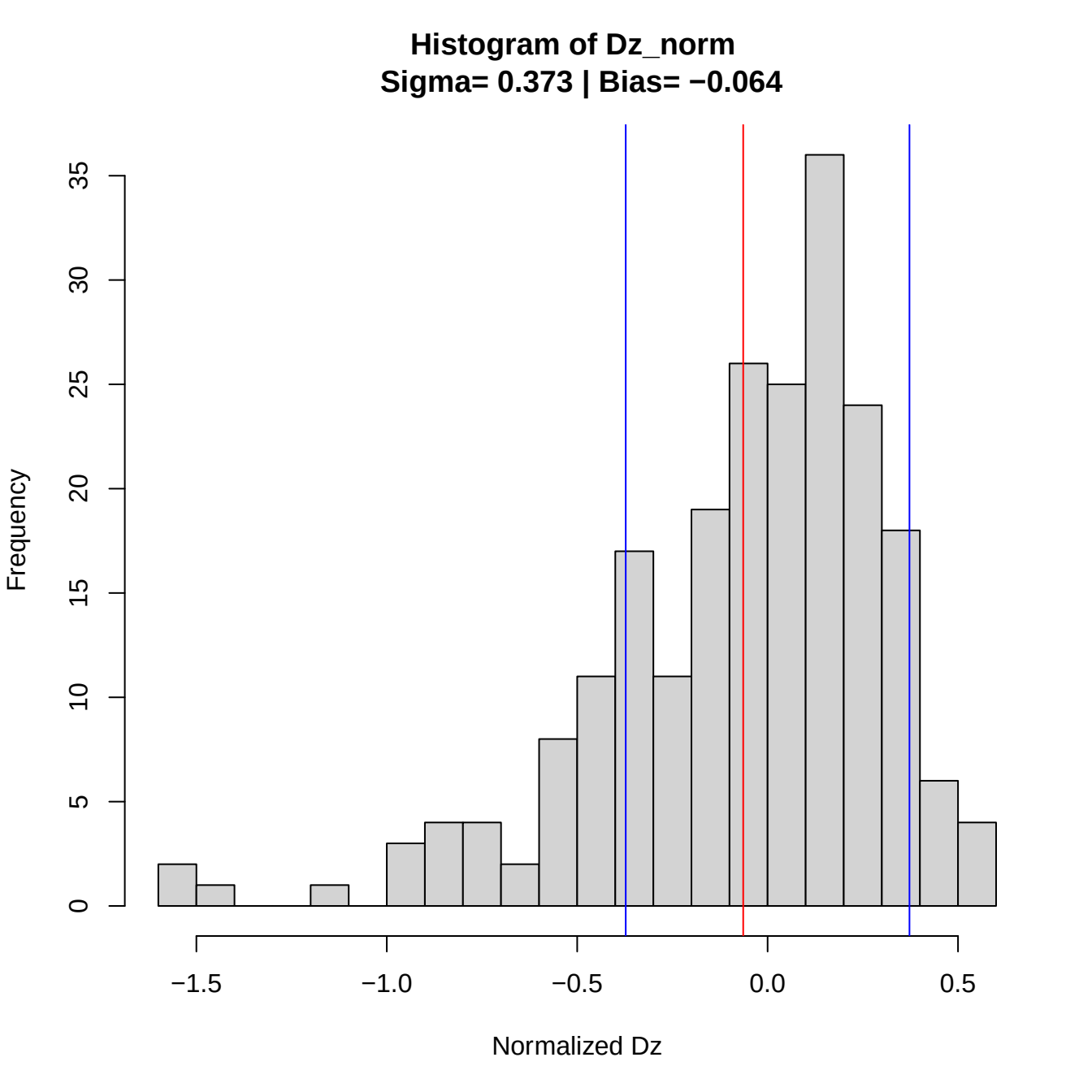

.stepAIC
teraction
.forward
SL.step
SL.rpart
SL.nnet
SL.mean
redbagg
SL.earth
aret.rpart
0.00
0.05
0.10
0.15
0.20
0.25
0.30

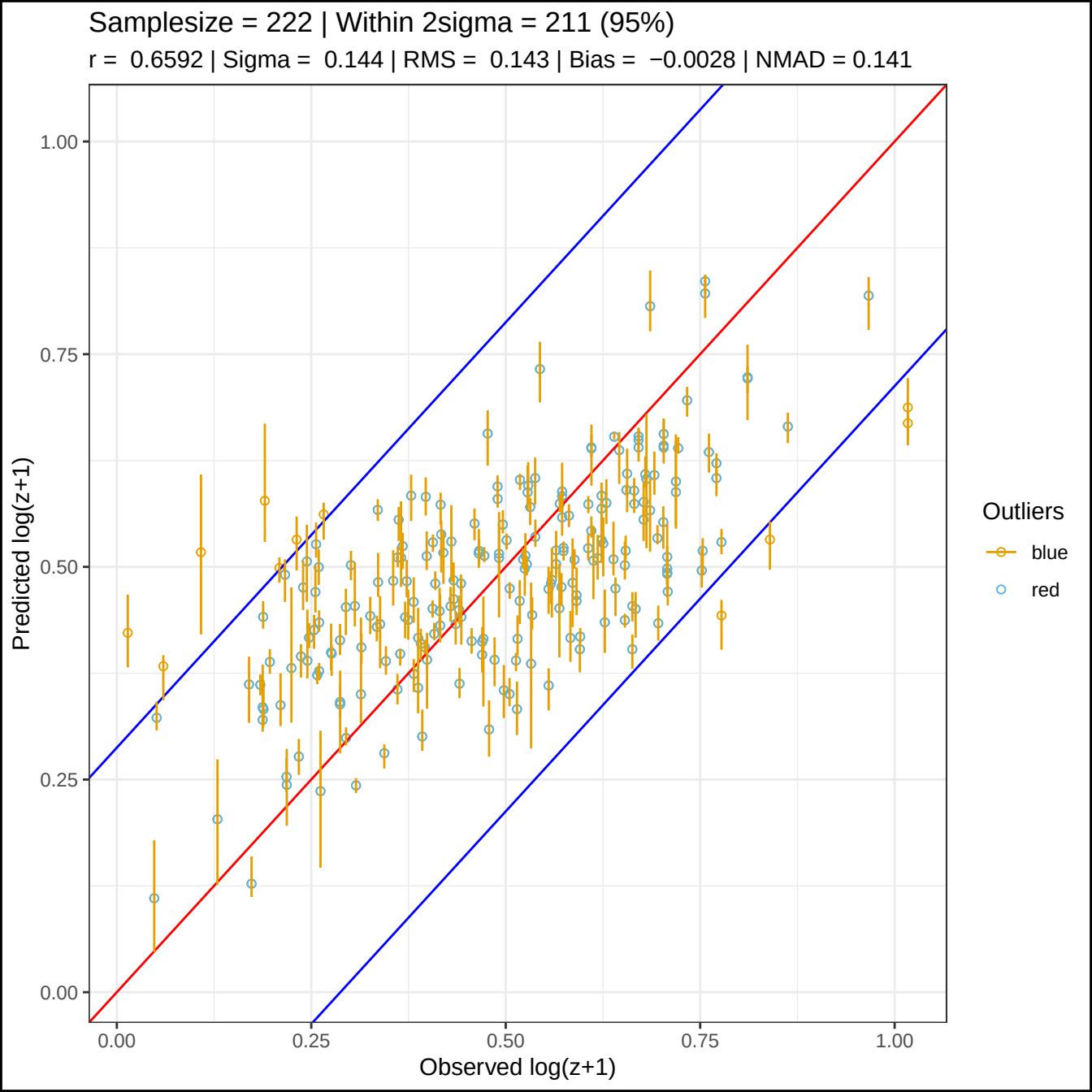

Redshift vs Bias
Bias
z
6
4
2
0
−2
0
2
4
6
8

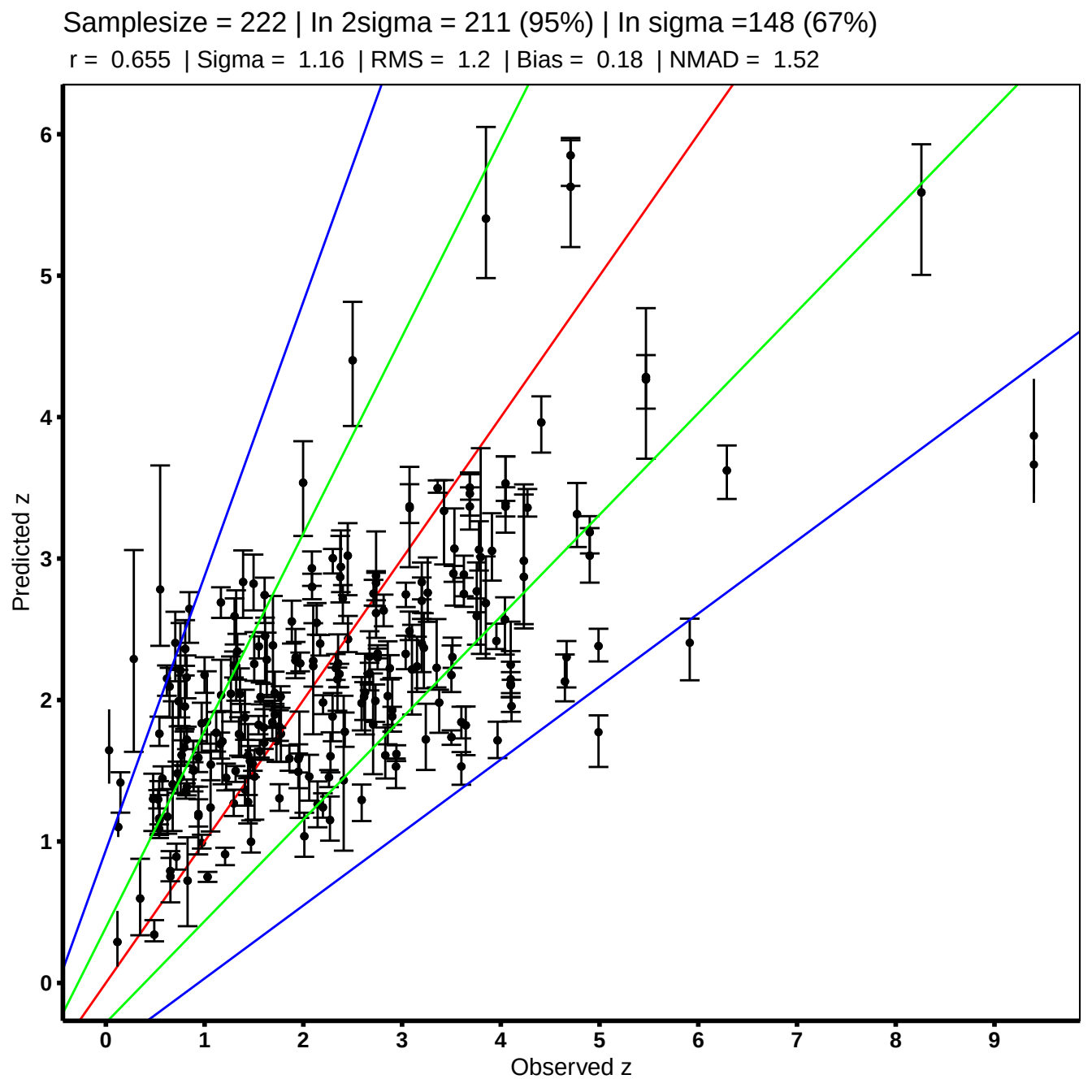

Redshift vs Normalized Bias
Normalized Bias
0.5
0.0
−0.5
−1.0
−1.5
0
2
4
6
8
z

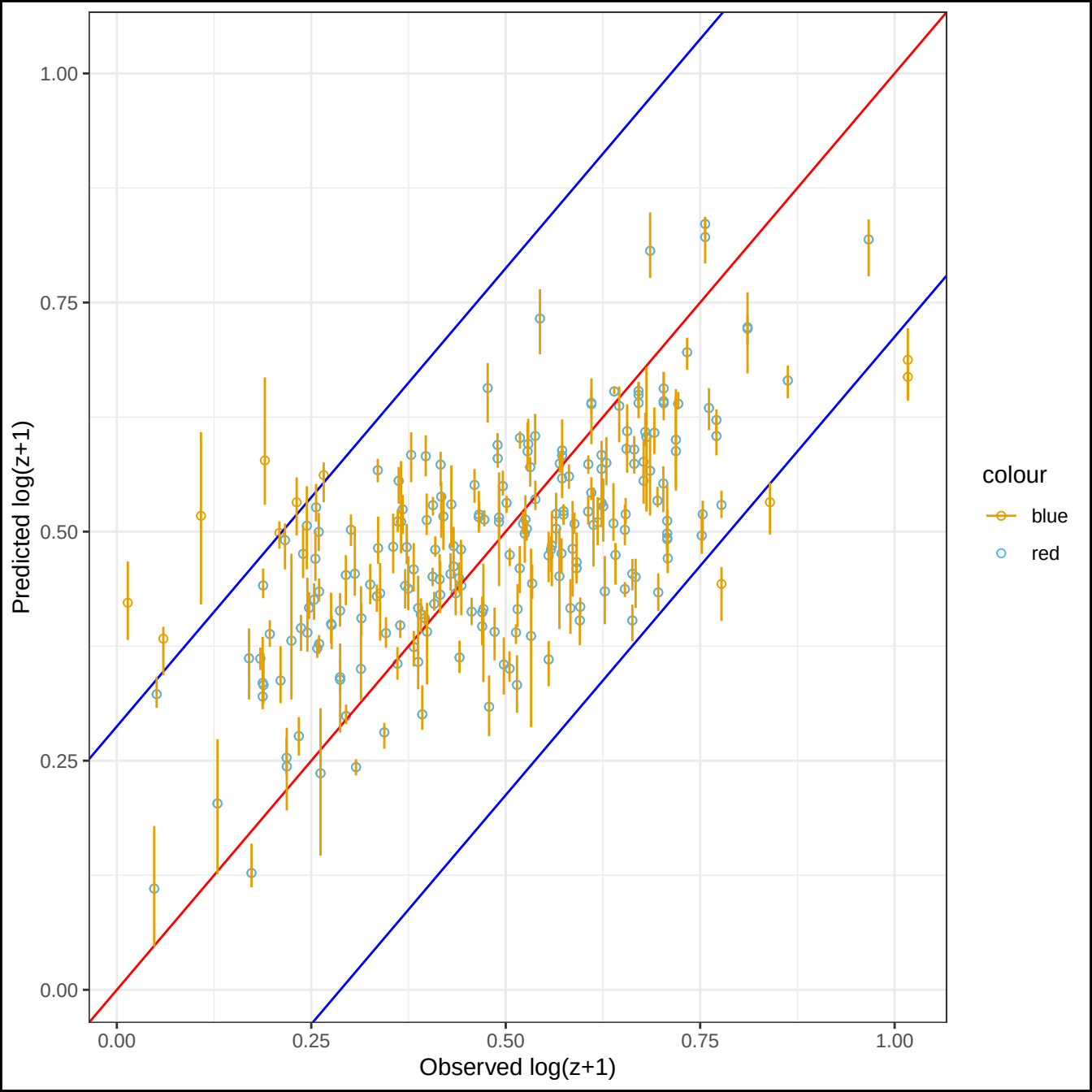

−0.2
0.0
0.2
0.4

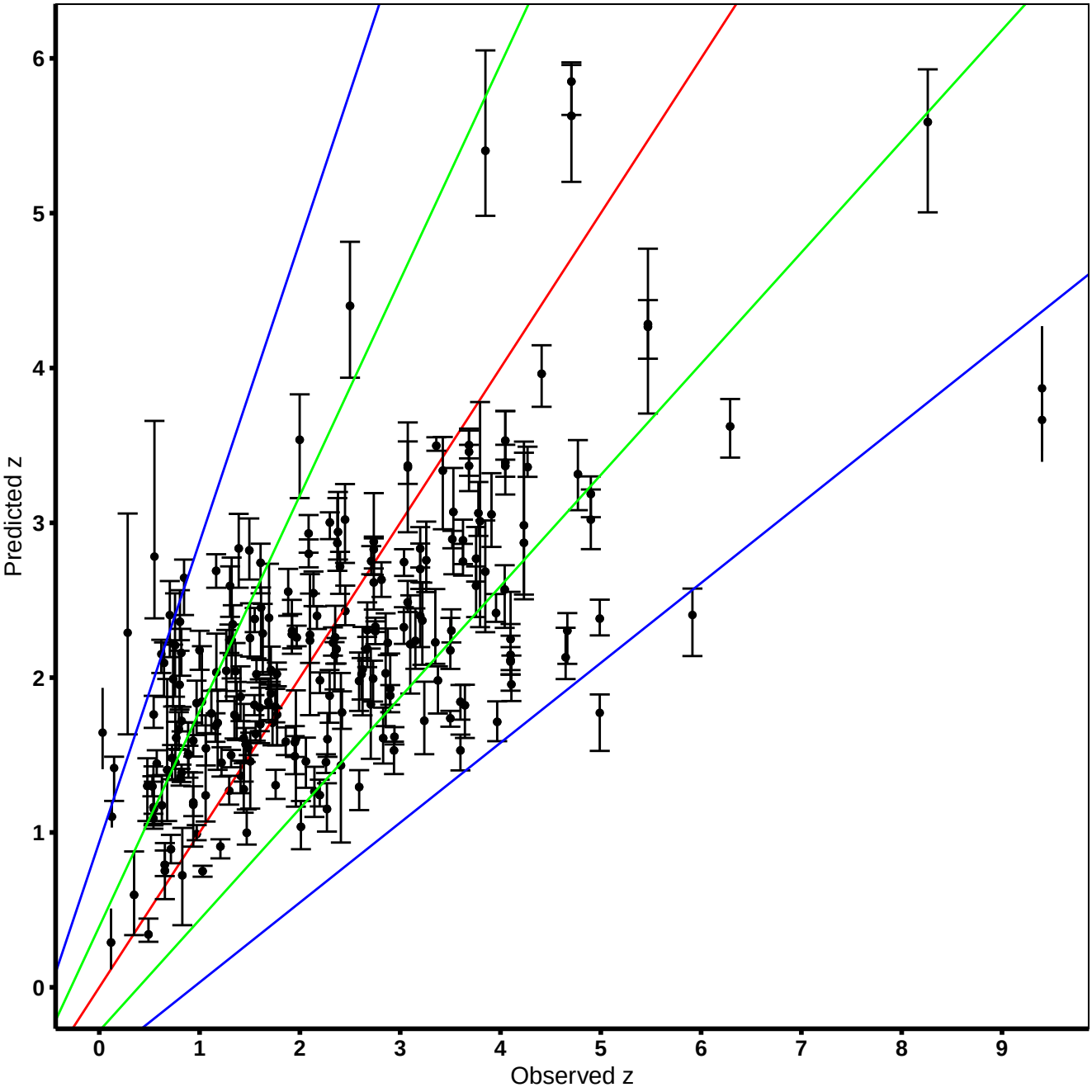

Histogram of Dz
Sigma= 1.16 | Bias= 0.175
Frequency
0
5
10
15
20
−2
0
2
4
6
Dz

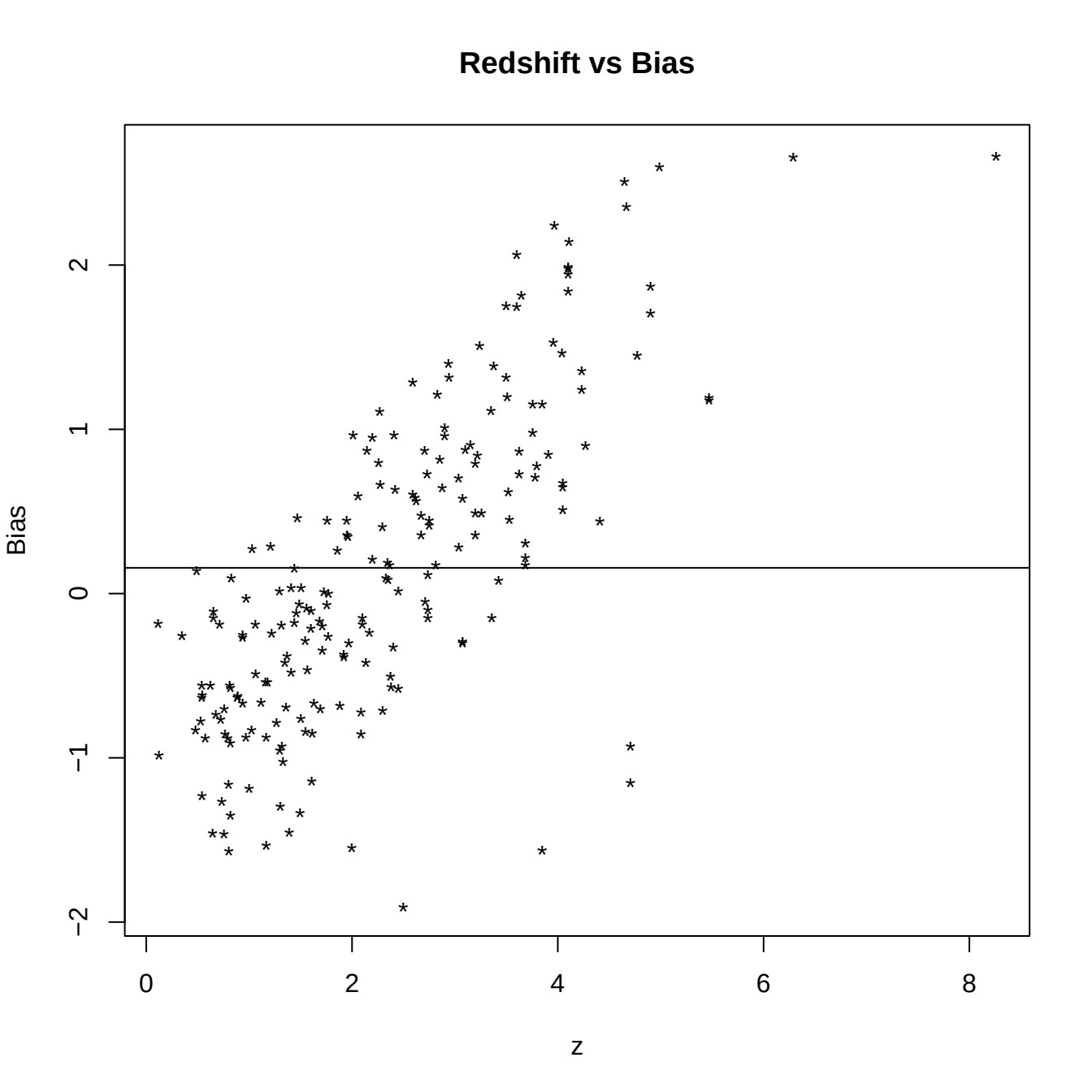

Histogram of Dz_norm
Sigma= 0.373 | Bias= −0.064
Frequency
0
5
10
15
20
25
30
35
−1.5
−1.0
−0.5
0.0
0.5
Normalized Dz

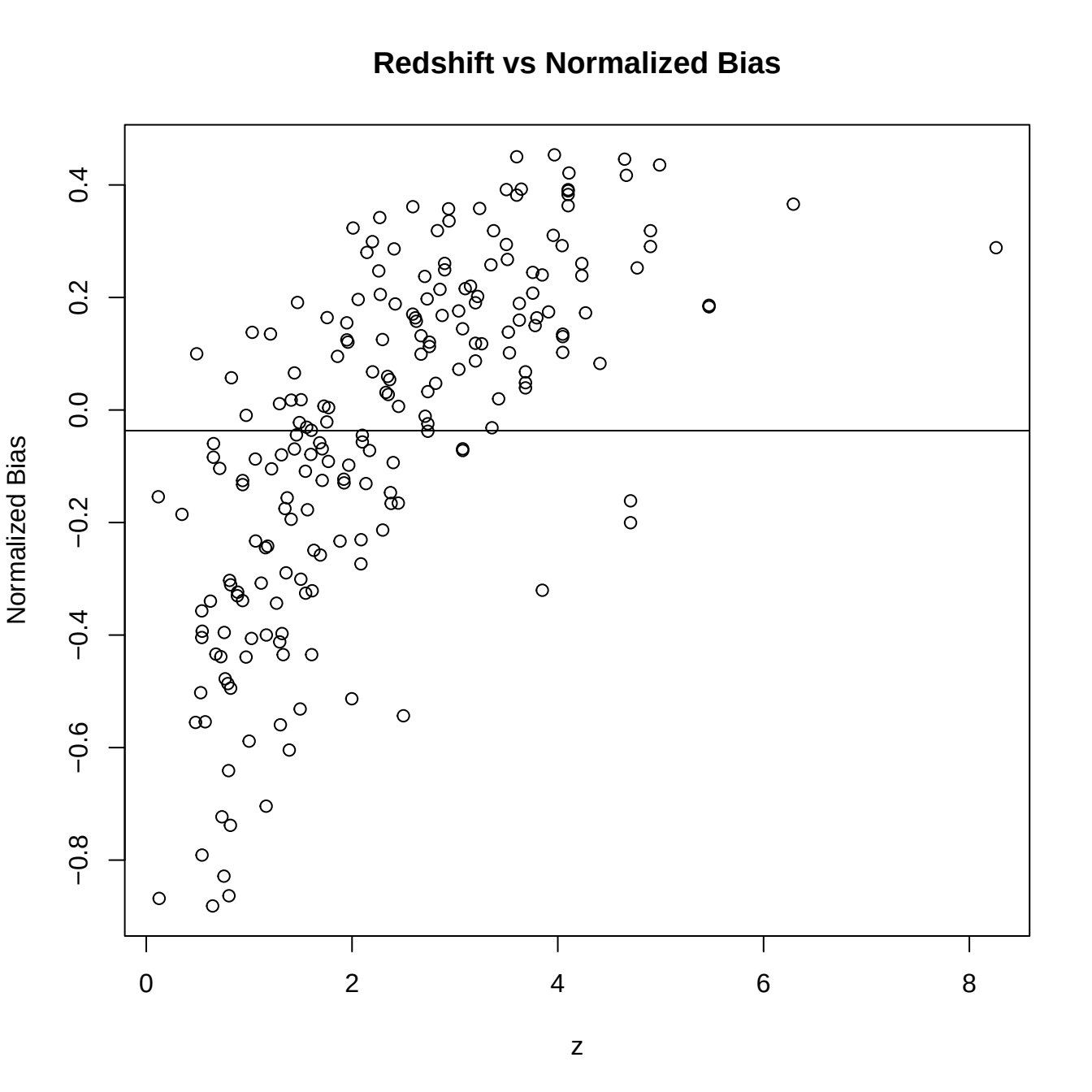

Samplesize = 222 | Within 2sigma = 211 (95%)
r = 0.6592 | Sigma = 0.144 | RMS = 0.143 | Bias = −0.0028 | NMAD = 0.141
Predicted log(z+1)
Observed log(z+1)
0.00
0.25
0.50
0.75
1.00
Outliers
blue
red

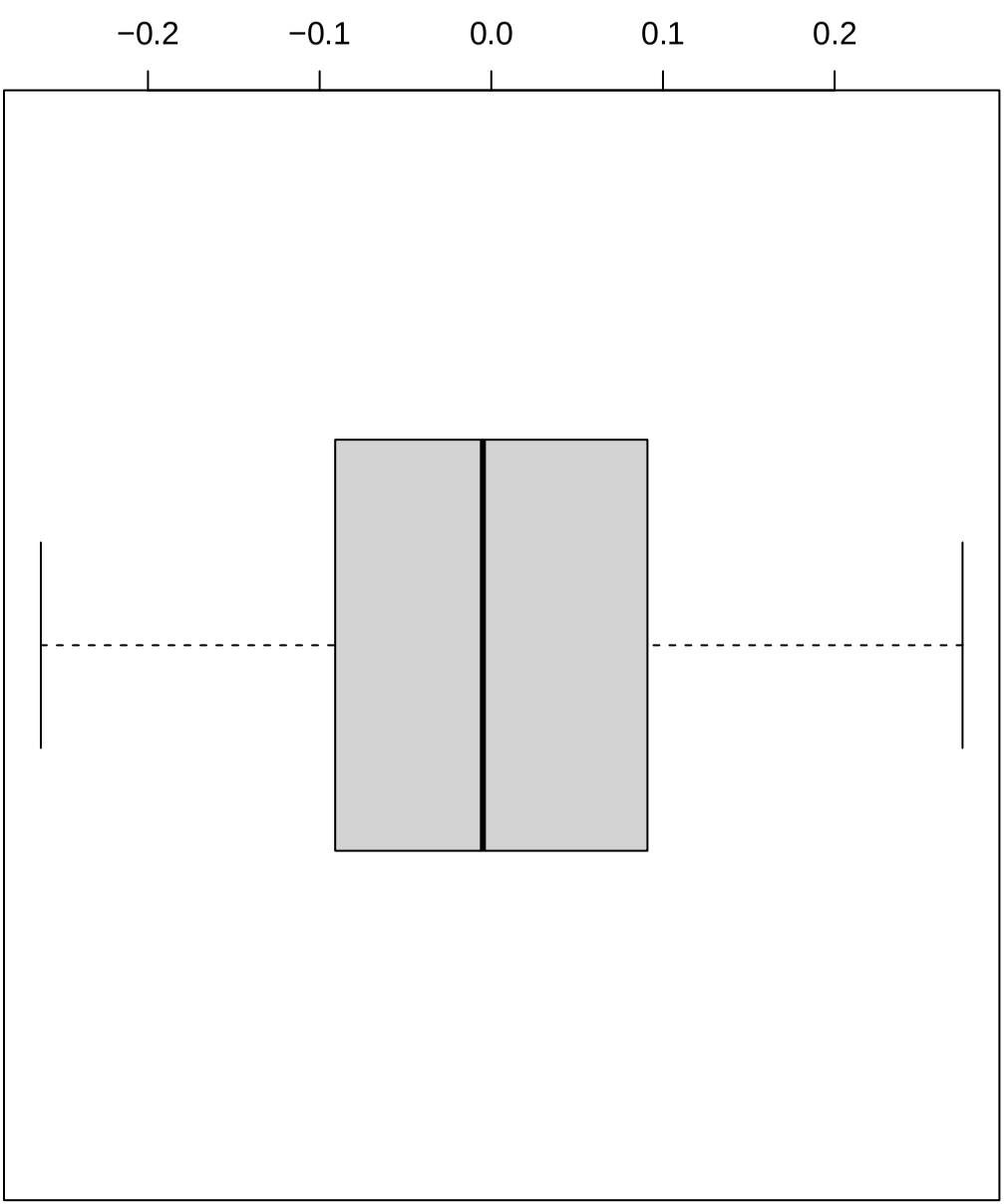

Samplesize = 222 | In 2sigma = 211 (95%) | In sigma =148 (67%)
r = 0.655 | Sigma = 1.16 | RMS = 1.2 | Bias = 0.18 | NMAD = 1.52
Predicted z
Observed z
0
1
2
3
4
5
6
7
8
9

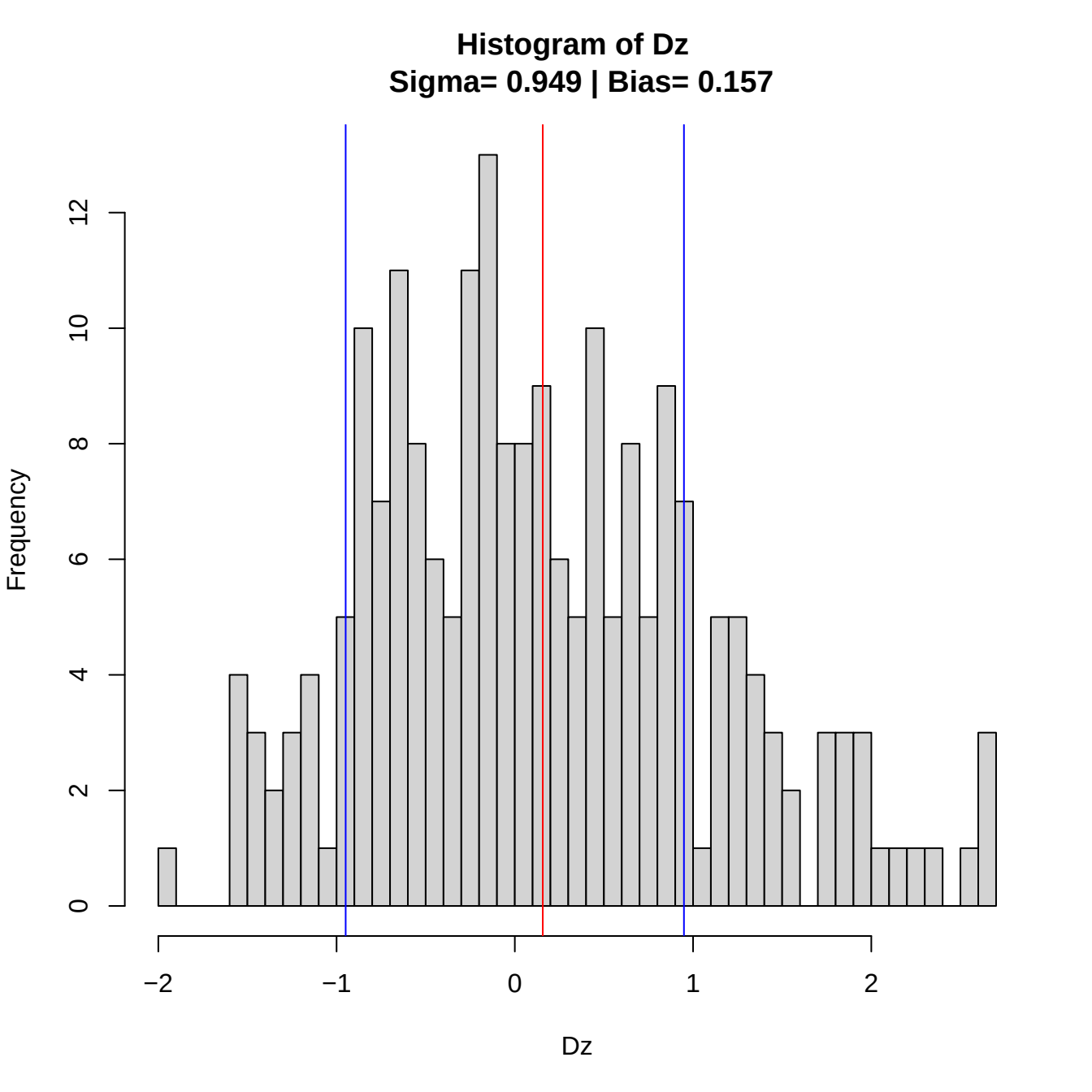

1.00
0.75
0.50
0.25
0.00
Predicted log(z+1)
0.00
0.25
0.50
0.75
1.00
Observed log(z+1)
colour
blue
red

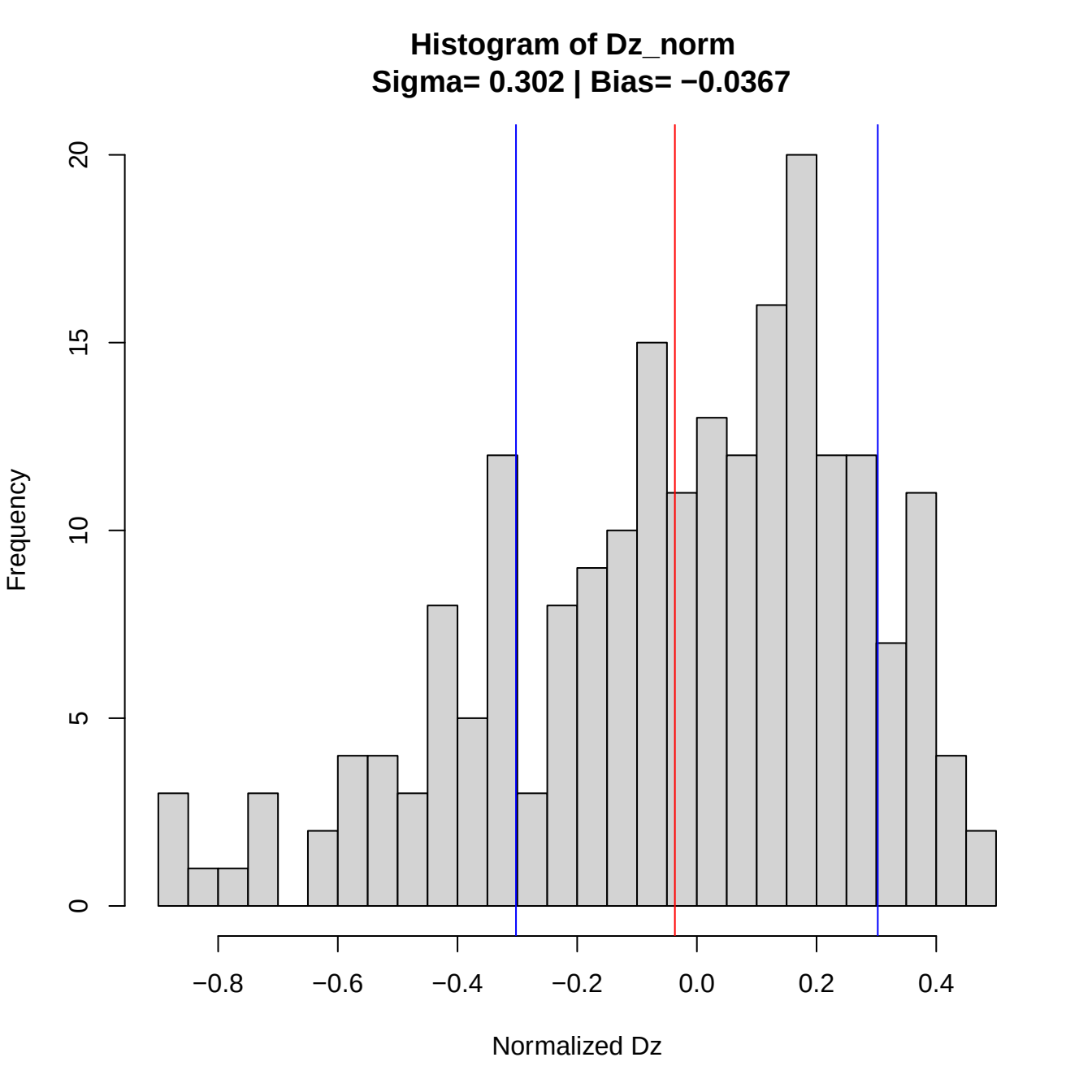

Predicted z
Observed z
0
1
2
3
4
5
6
7
8
9

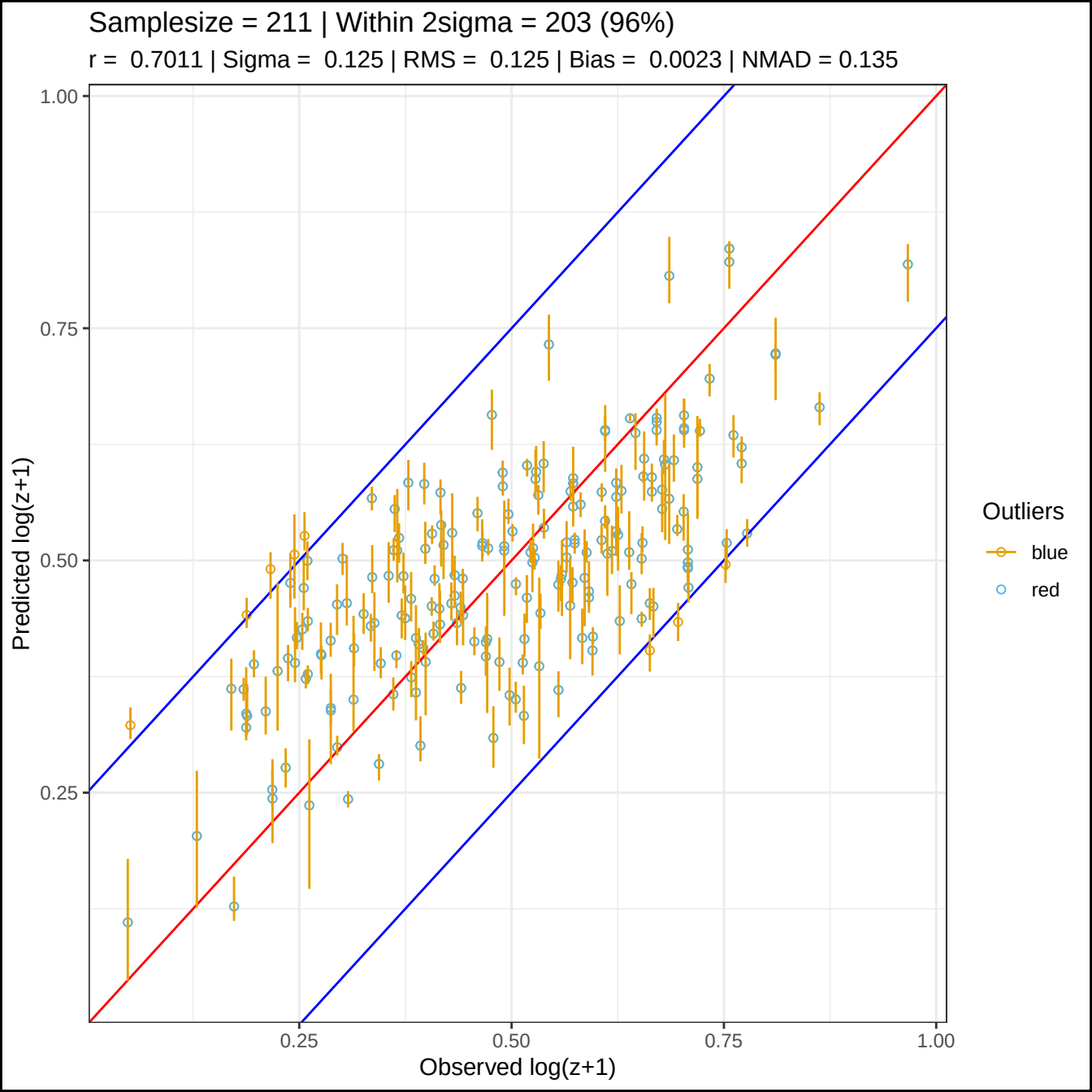

Redshift vs Bias
Bias
z
−2
−1
0
1
2
0
2
4
6
8

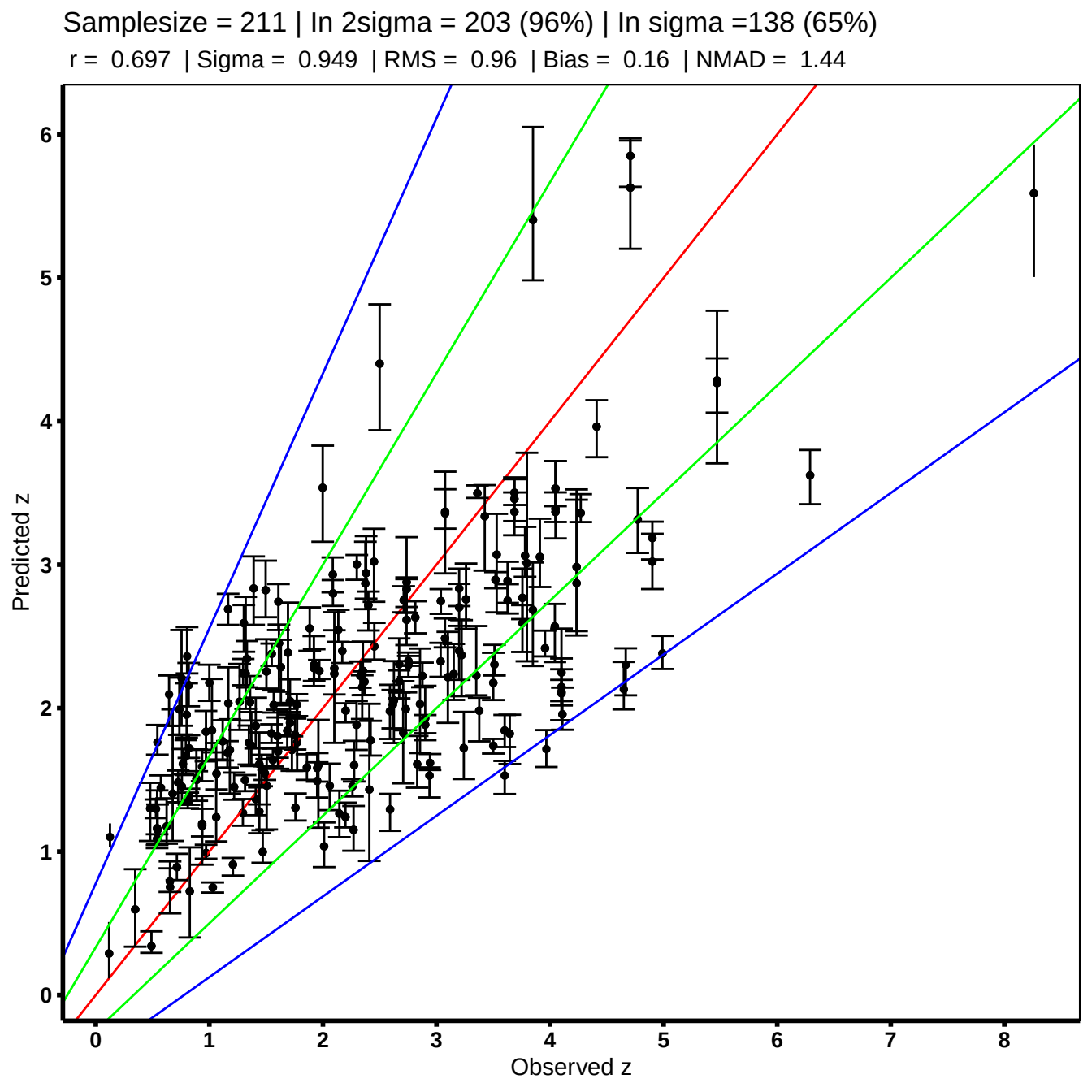

Redshift vs Normalized Bias
Normalized Bias
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
0
2
4
6
8
z

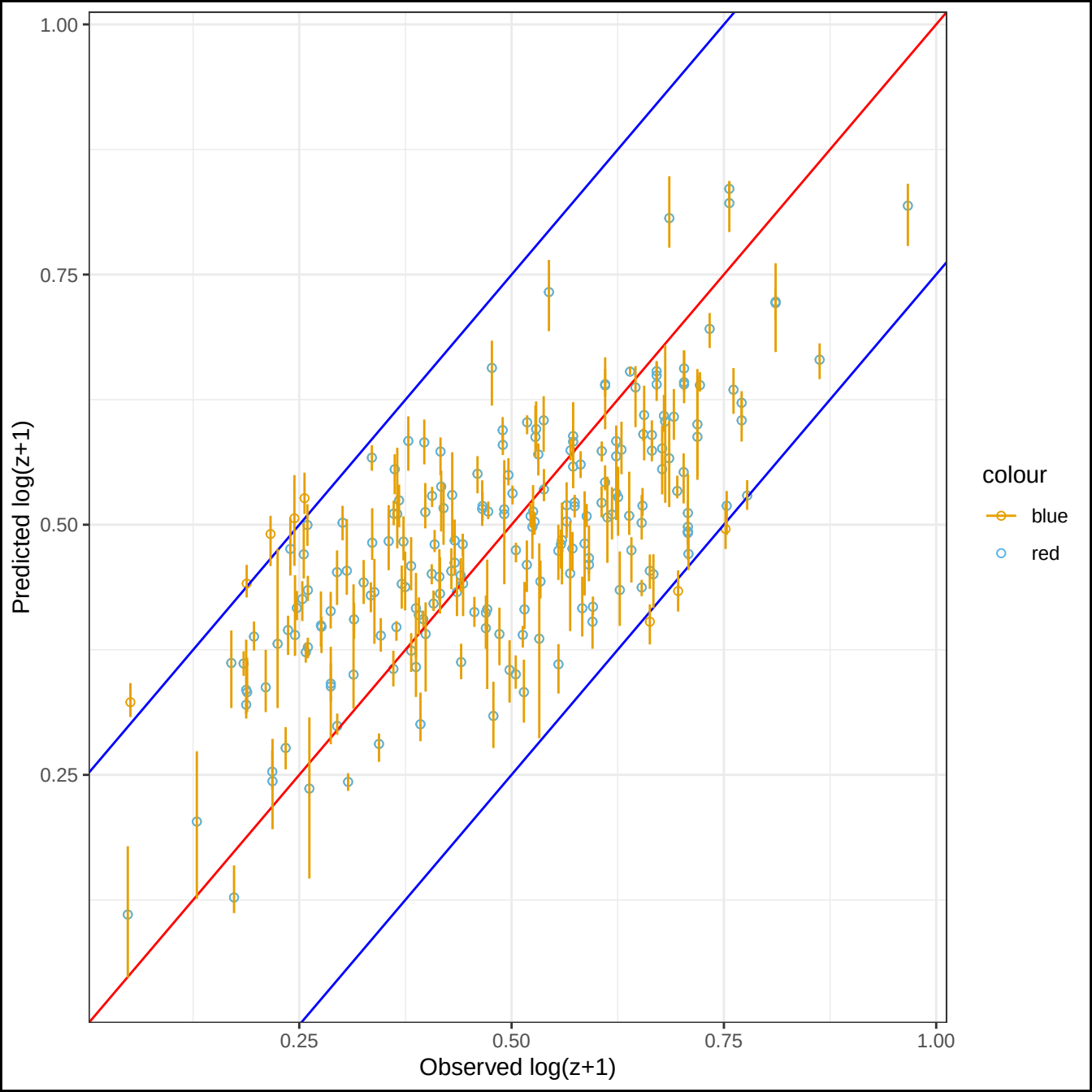

−0.2
−0.1
0.0
0.1
0.2

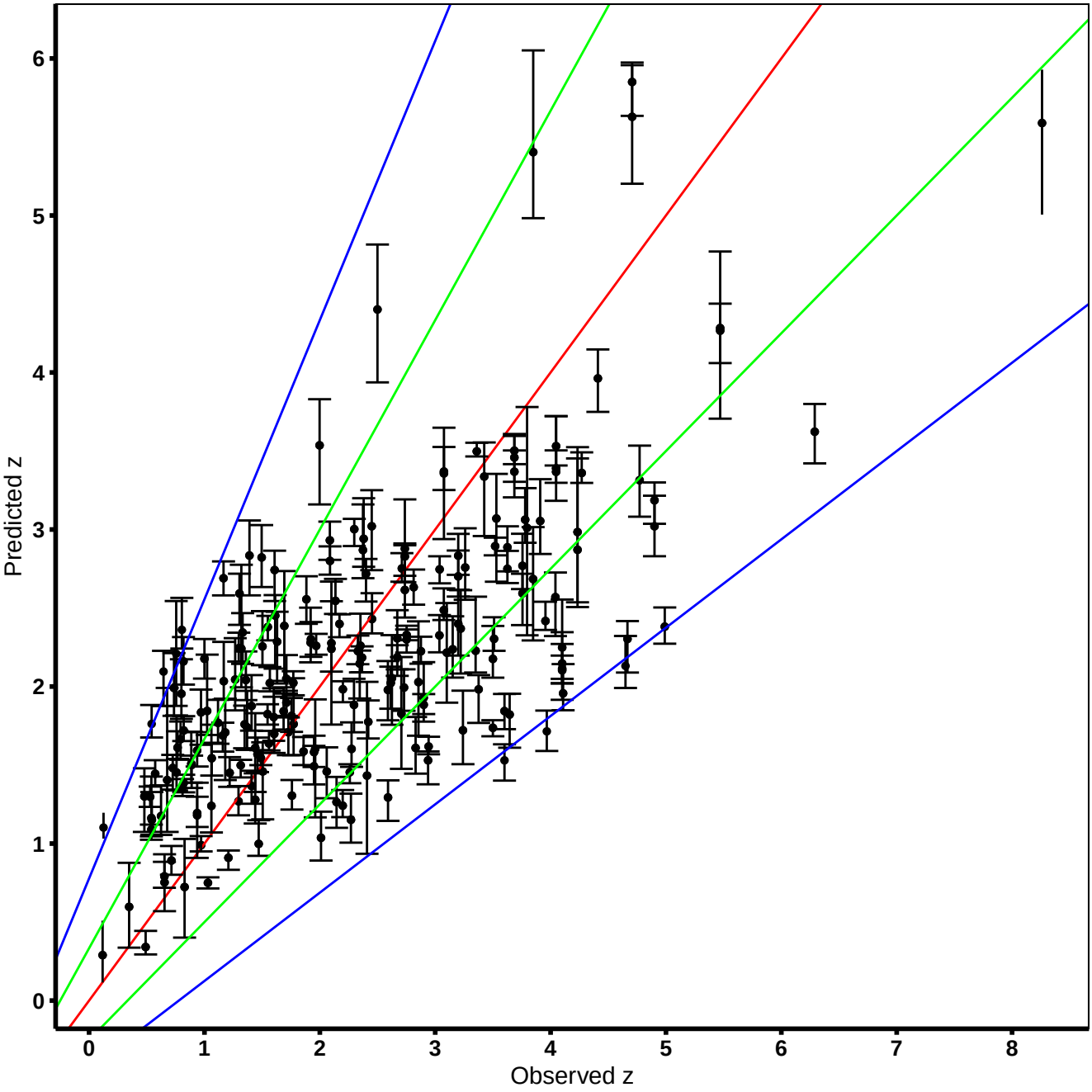

Histogram of Dz
Sigma= 0.949 | Bias= 0.157
Frequency
0
2
4
6
8
10
12
−2
−1
0
1
2
Dz


Histogram of Dz_norm
Sigma= 0.302 | Bias= −0.0367
Frequency
0
5
10
15
20
−0.8
−0.6
−0.4
−0.2
0.0
0.2
0.4
Normalized Dz


Samplesize = 211 | Within 2sigma = 203 (96%)
r = 0.7011 | Sigma = 0.125 | RMS = 0.125 | Bias = 0.0023 | NMAD = 0.135
1.00
0.75
0.50
0.25
Predicted log(z+1)
0.25
0.50
0.75
1.00
Observed log(z+1)
Outliers
blue
red


Samplesize = 211 | In 2sigma = 203 (96%) | In sigma =138 (65%)
r = 0.697 | Sigma = 0.949 | RMS = 0.96 | Bias = 0.16 | NMAD = 1.44
Predicted z
Observed z
0
1
2
3
4
5
6
7
8


1.00
0.75
0.50
0.25
Predicted log(z+1)
0.25
0.50
0.75
1.00
Observed log(z+1)
colour
blue
red


Predicted z
Observed z
0
1
2
3
4
5
6
7
8