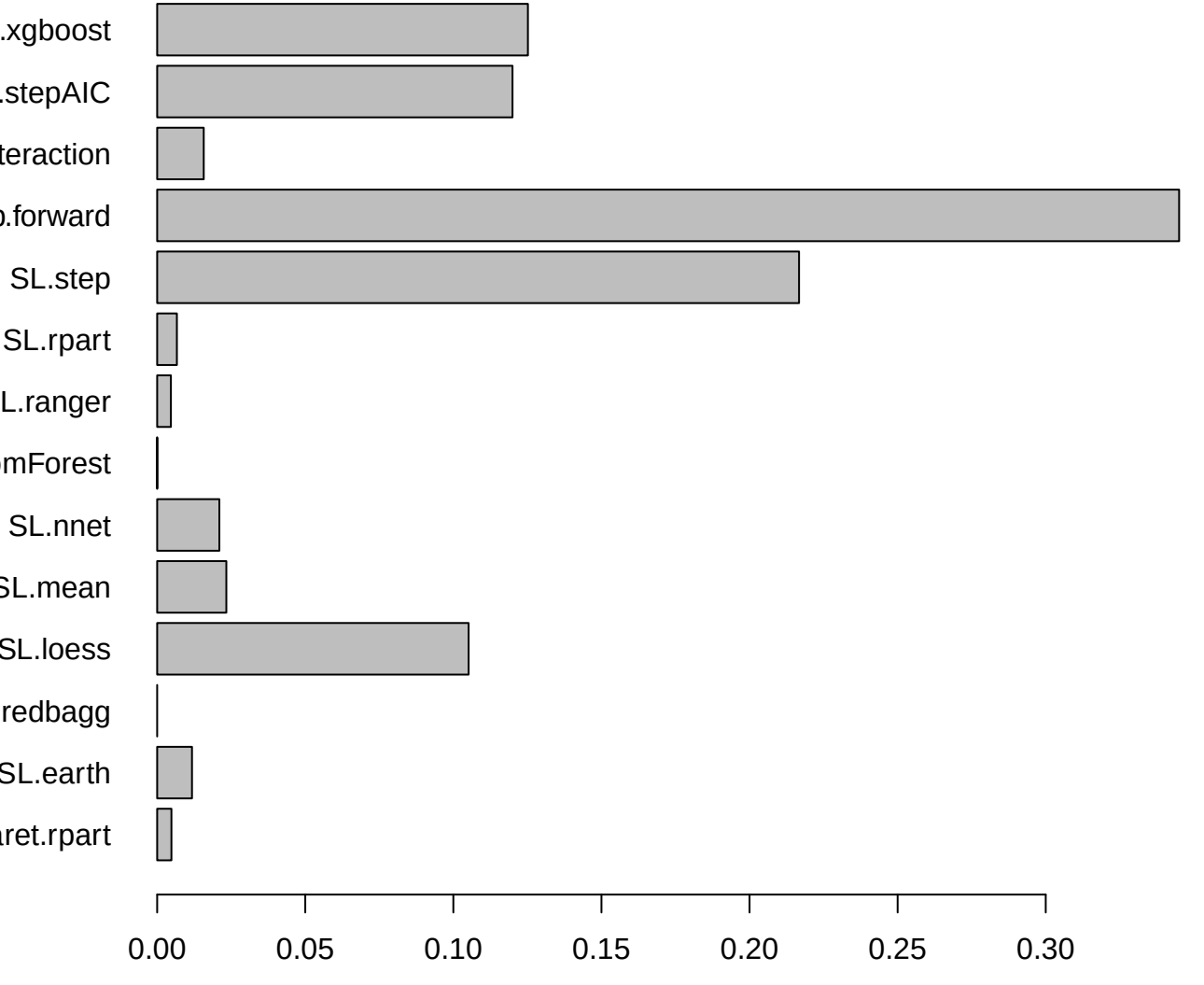
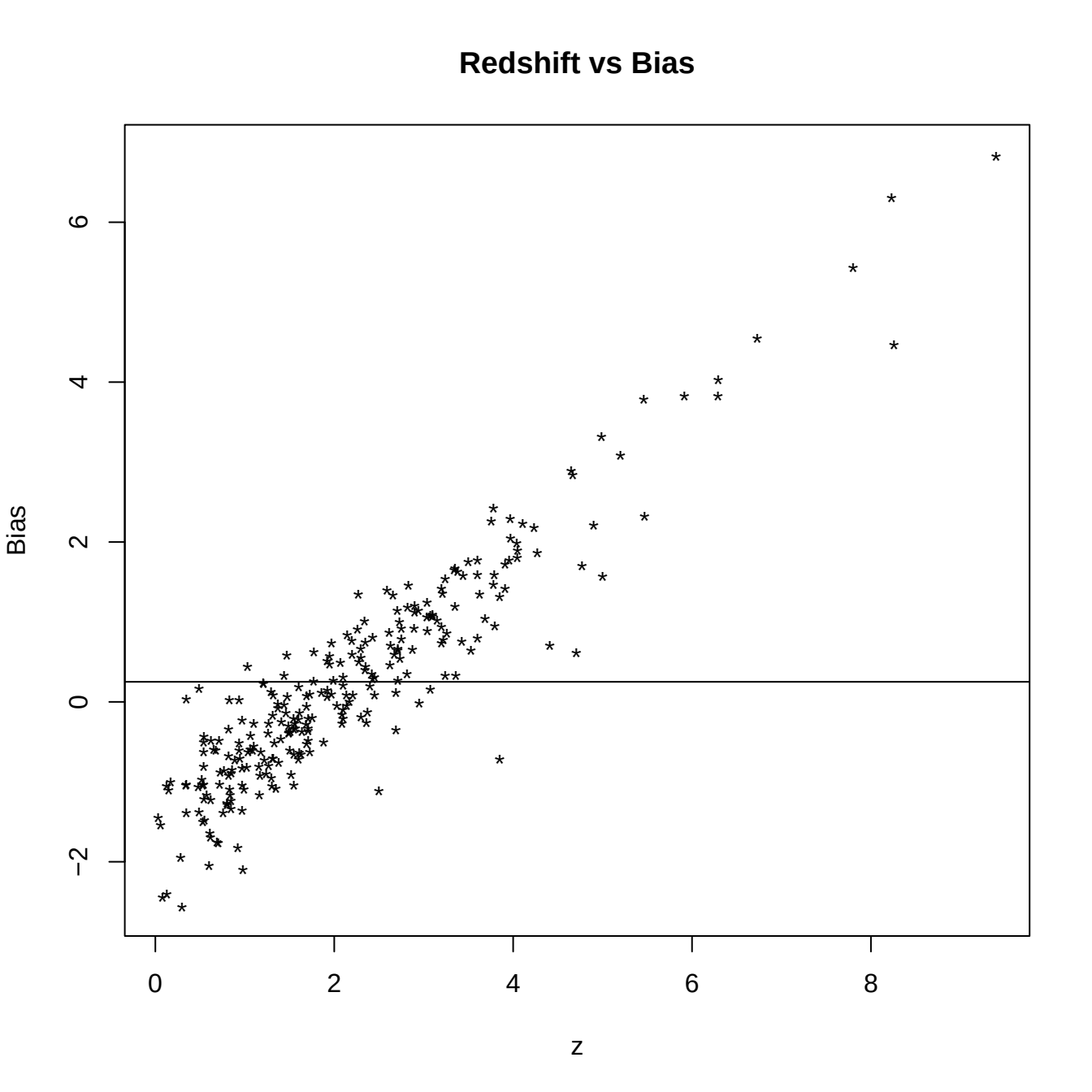
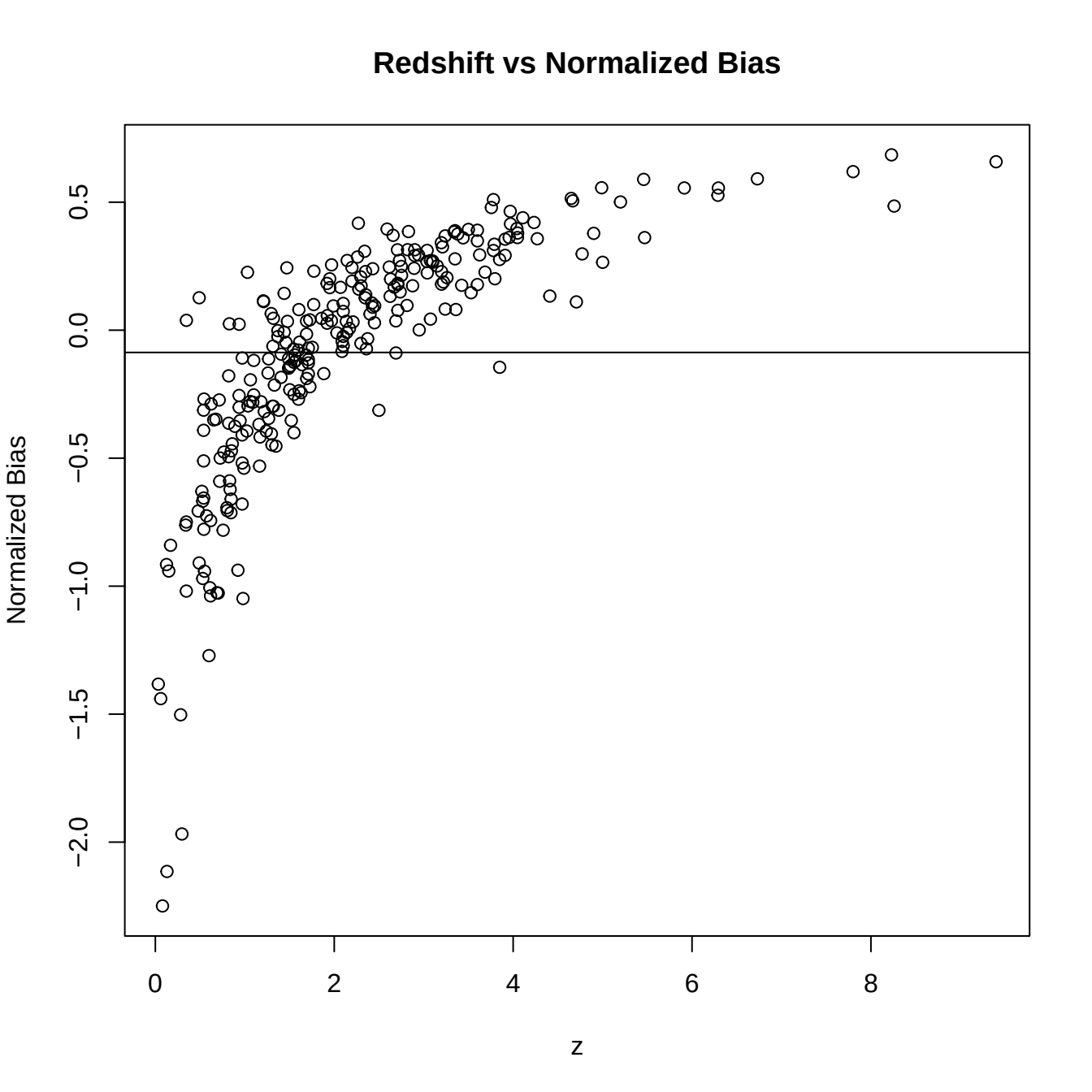
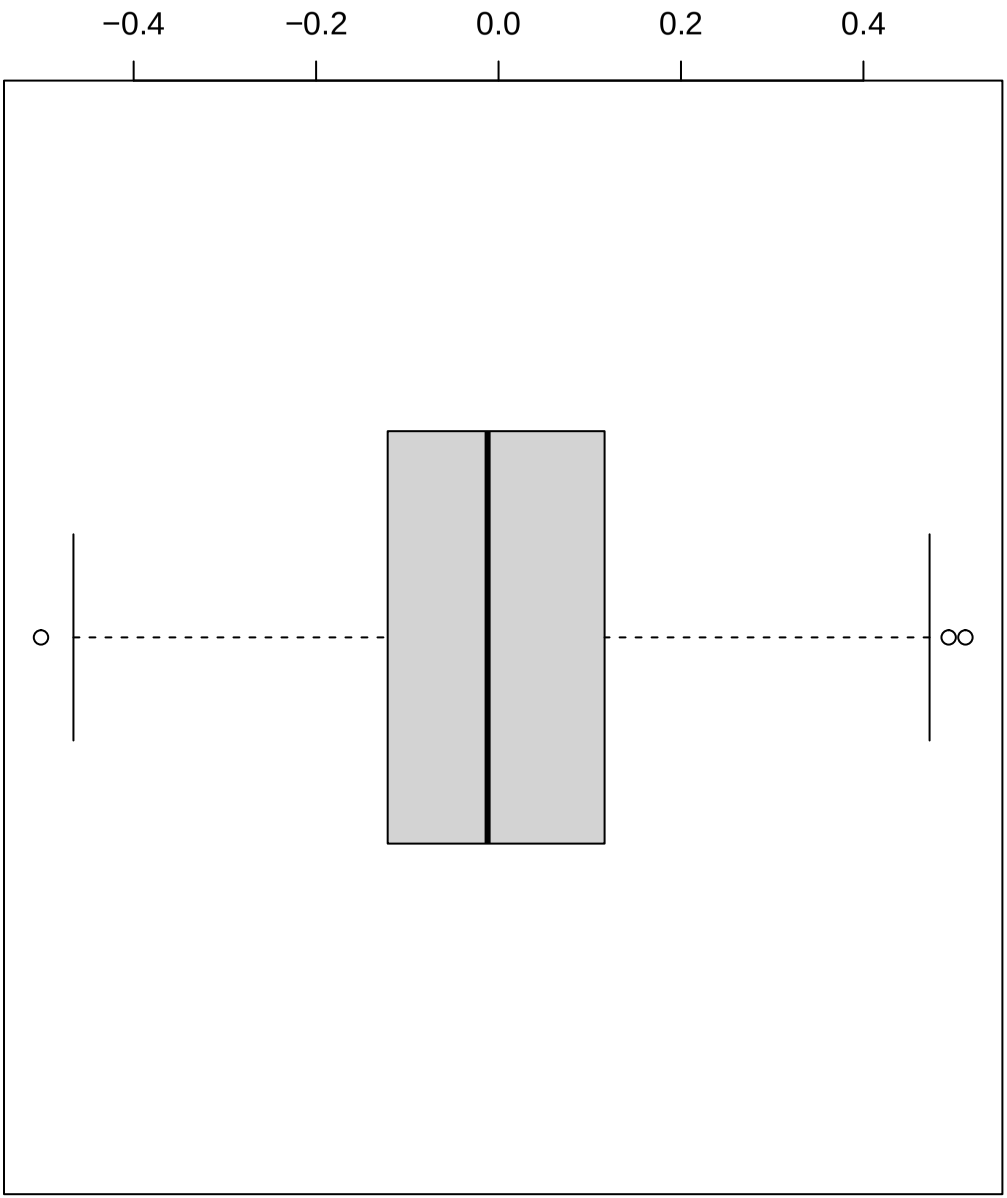
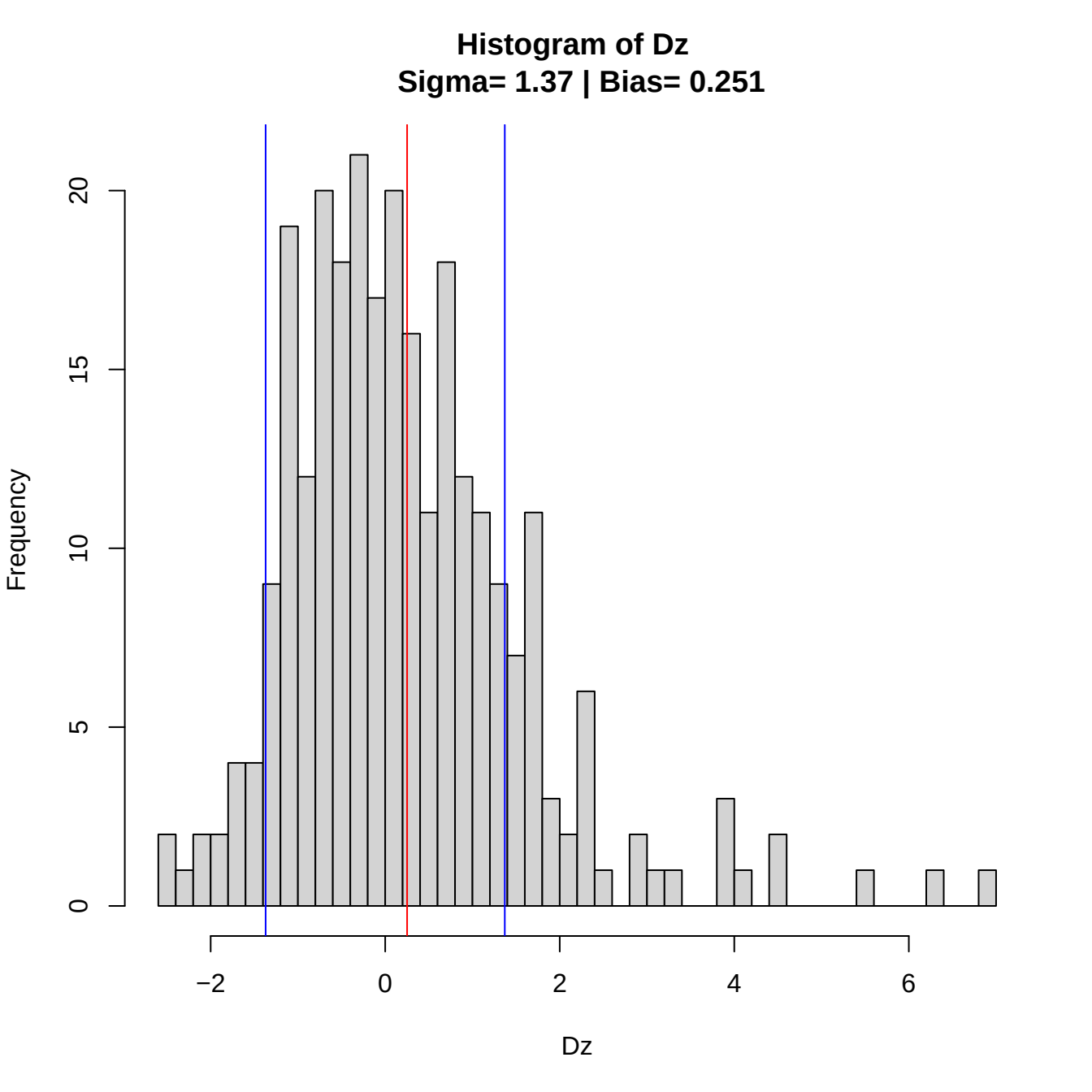
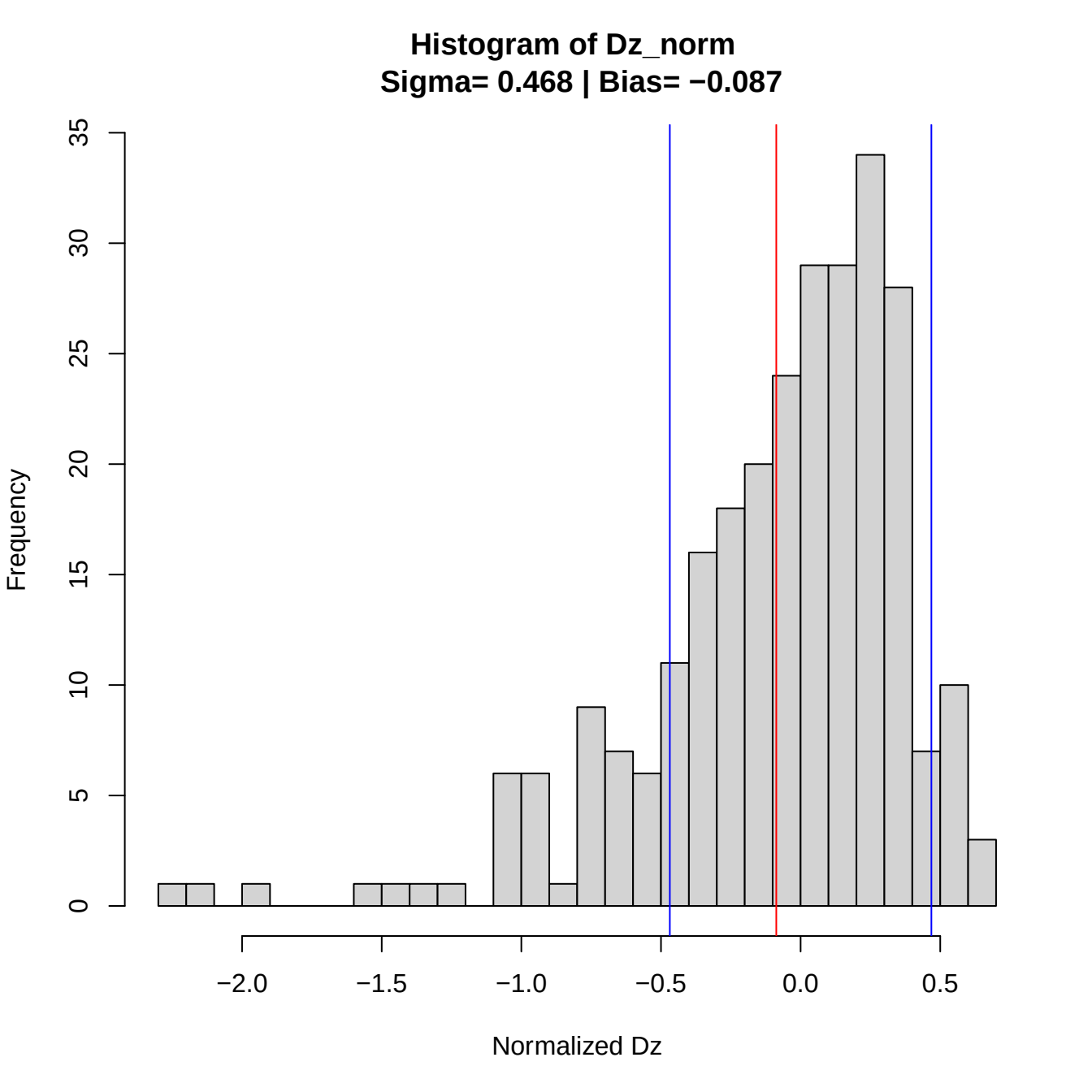

.xgboost
.stepAIC
teraction
.forward
SL.step
SL.rpart
L.ranger
mForest
SL.nnet
SL.mean
SL.loess
redbagg
SL.earth
ret.rpart
0.00
0.05
0.10
0.15
0.20
0.25
0.30

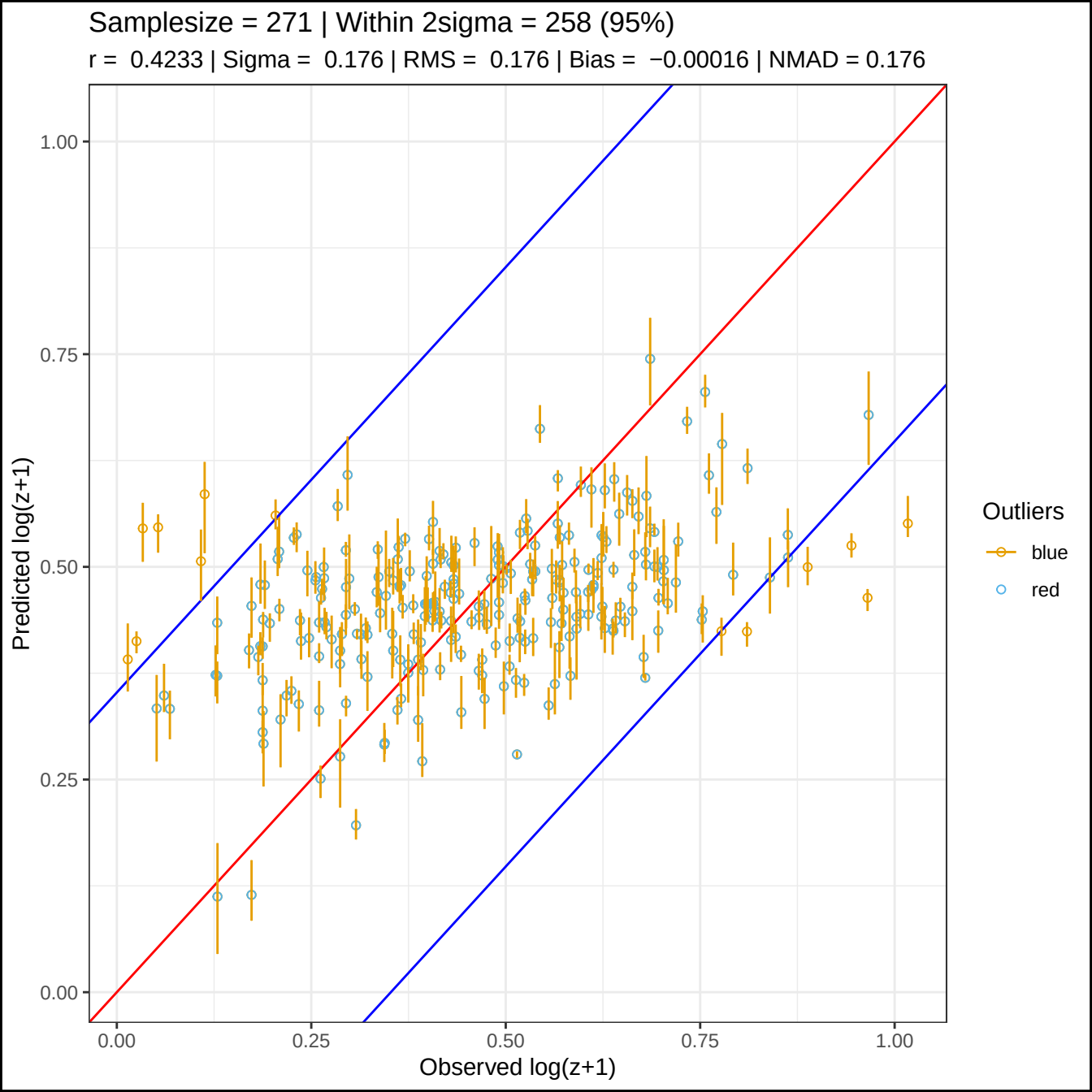

Redshift vs Bias
Bias
z
−2
0
2
4
6
0
2
4
6
8

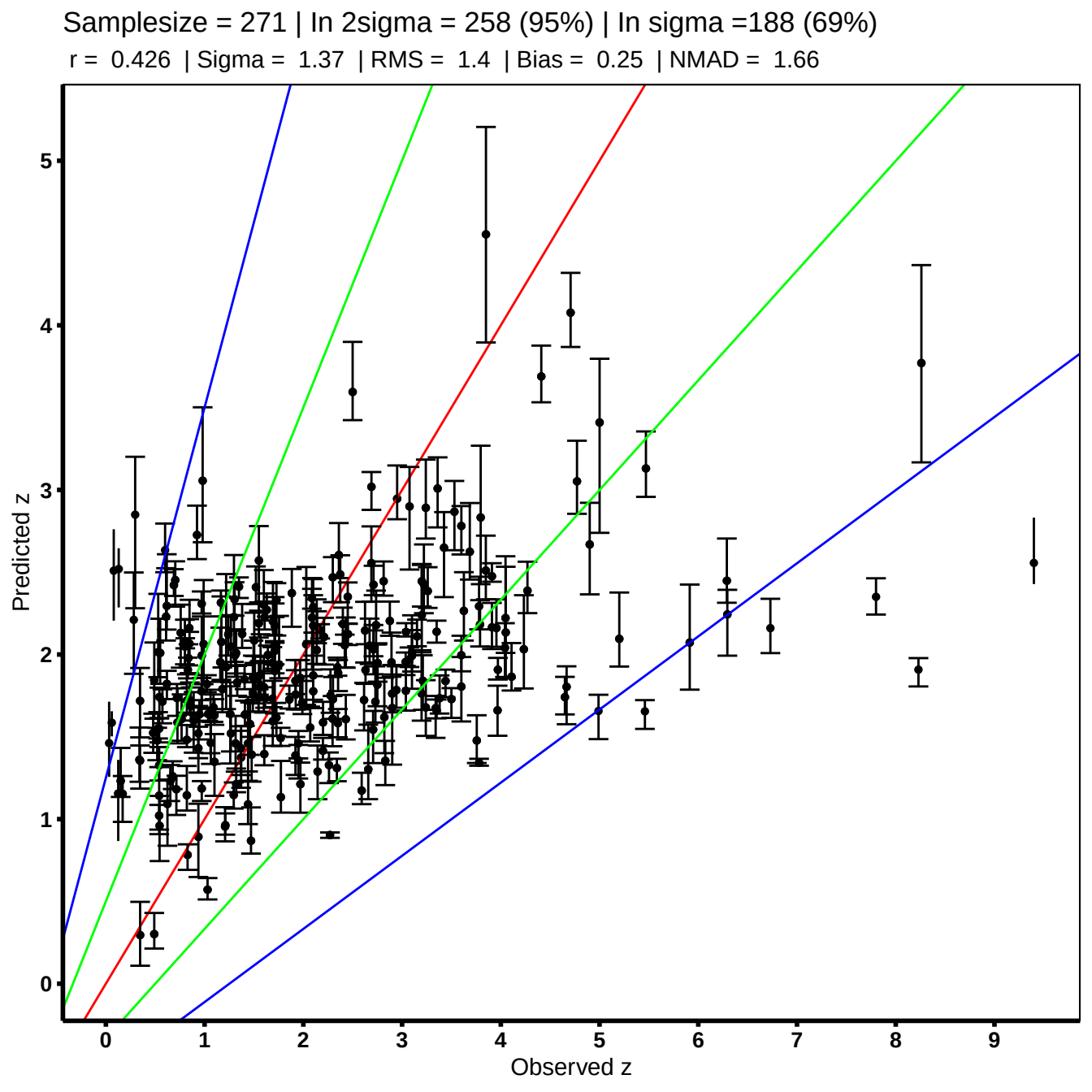

Redshift vs Normalized Bias
Normalized Bias
0.5
0.0
−0.5
−1.0
−1.5
−2.0
0
2
4
6
8
z

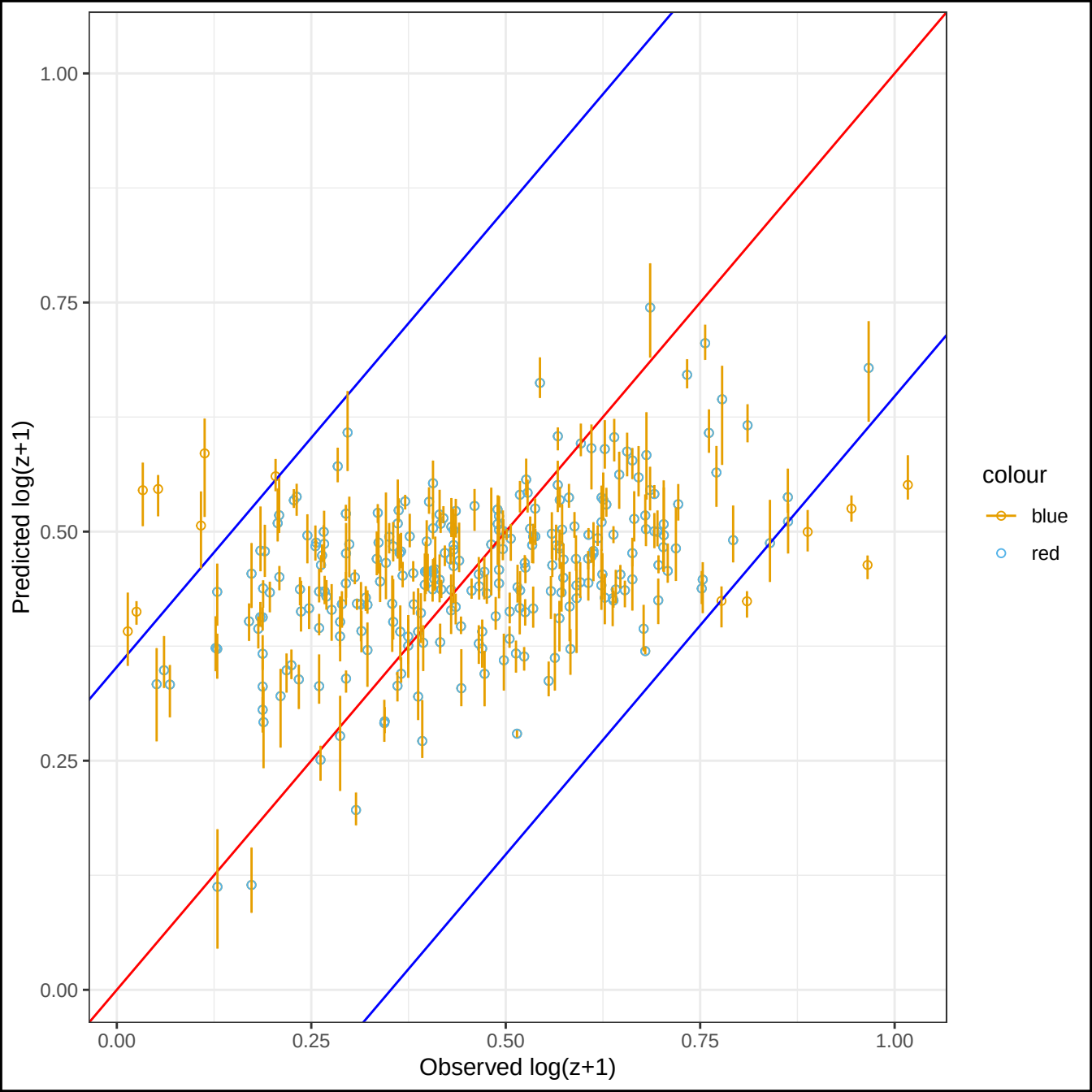

−0.4
−0.2
0.0
0.2
0.4
0
∞

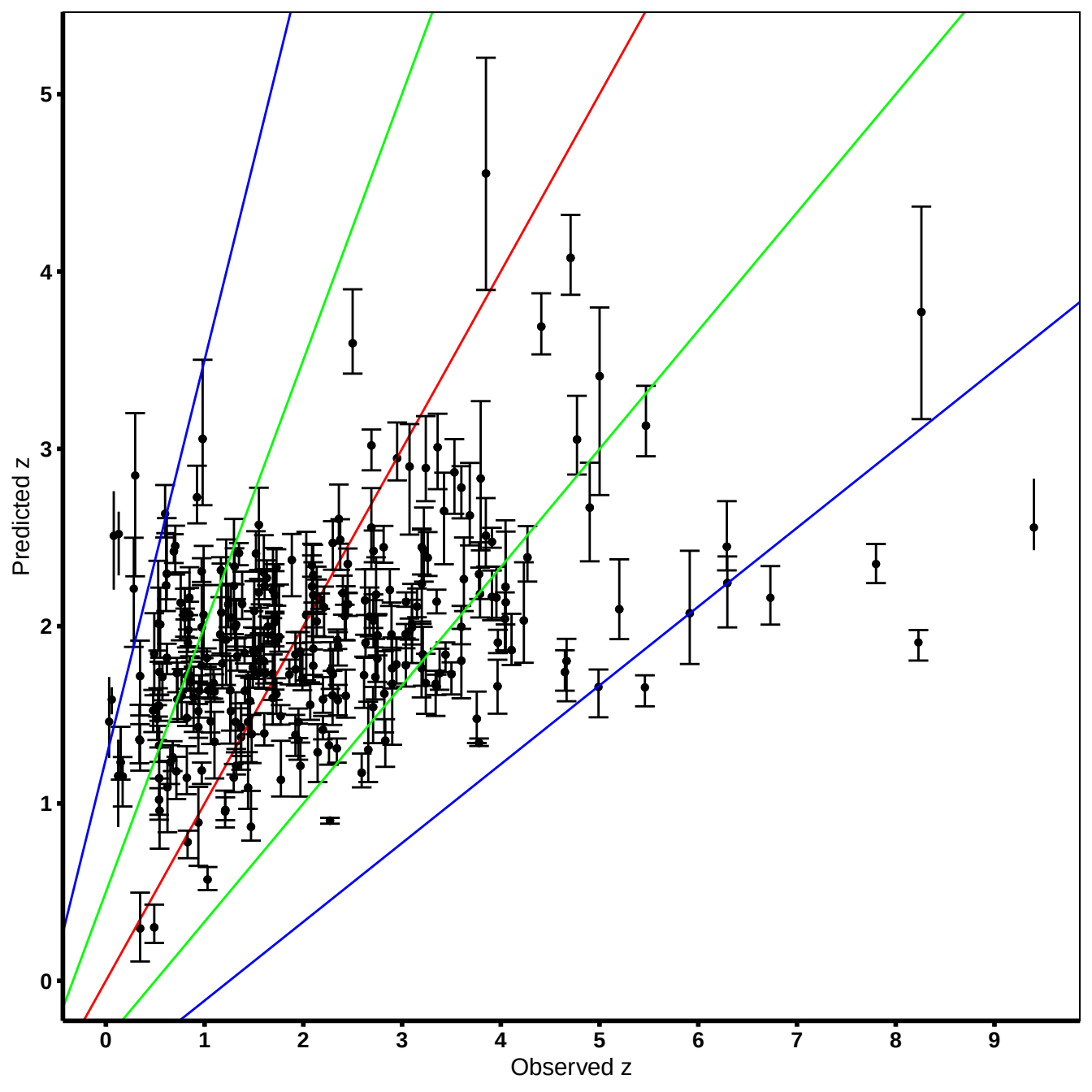

Histogram of Dz
Sigma= 1.37 | Bias= 0.251
Frequency
0
5
10
15
20
−2
0
2
4
6
Dz

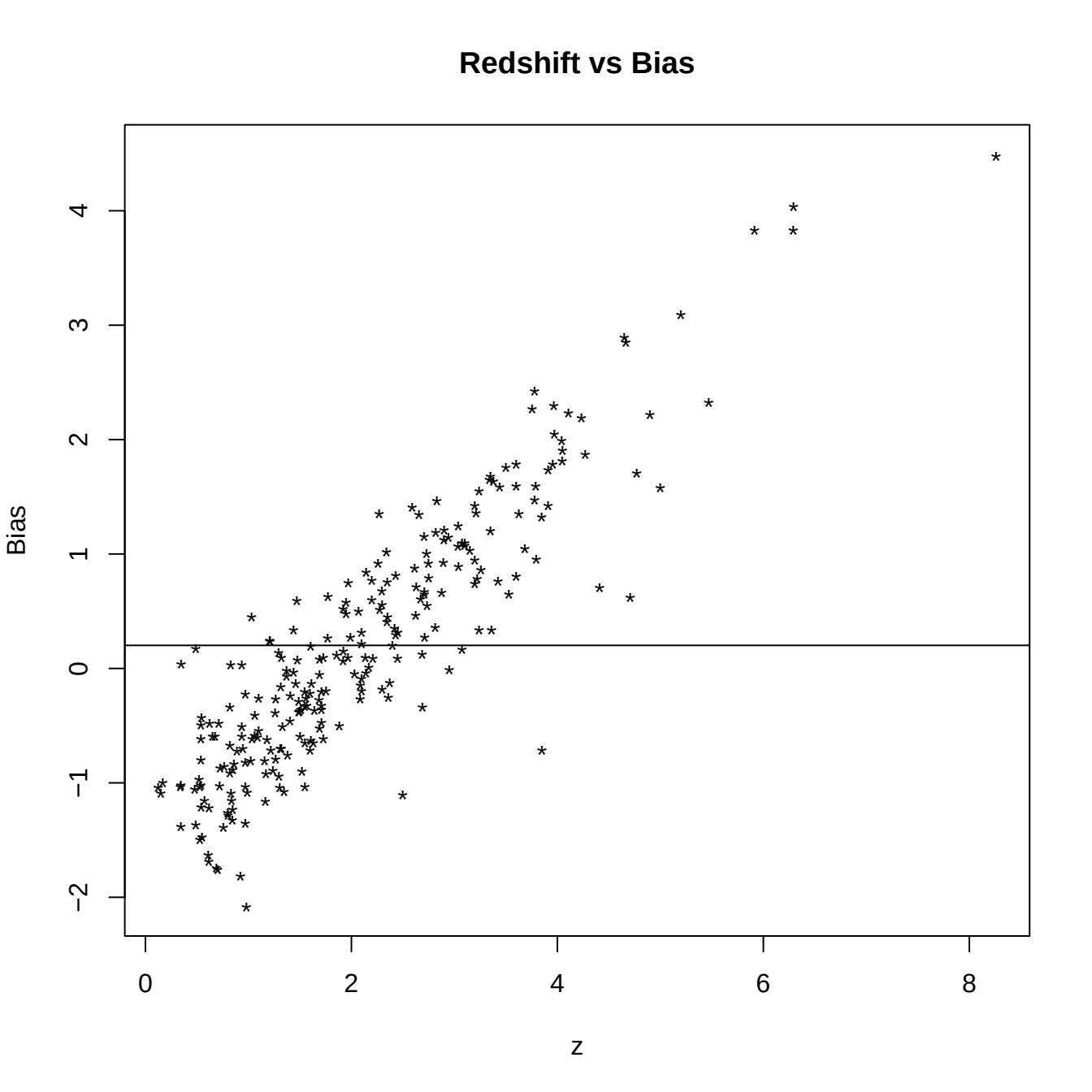

Histogram of Dz_norm
Sigma= 0.468 | Bias= −0.087
Frequency
0
5
10
15
20
25
30
35
−2.0
−1.5
−1.0
−0.5
0.0
0.5
Normalized Dz

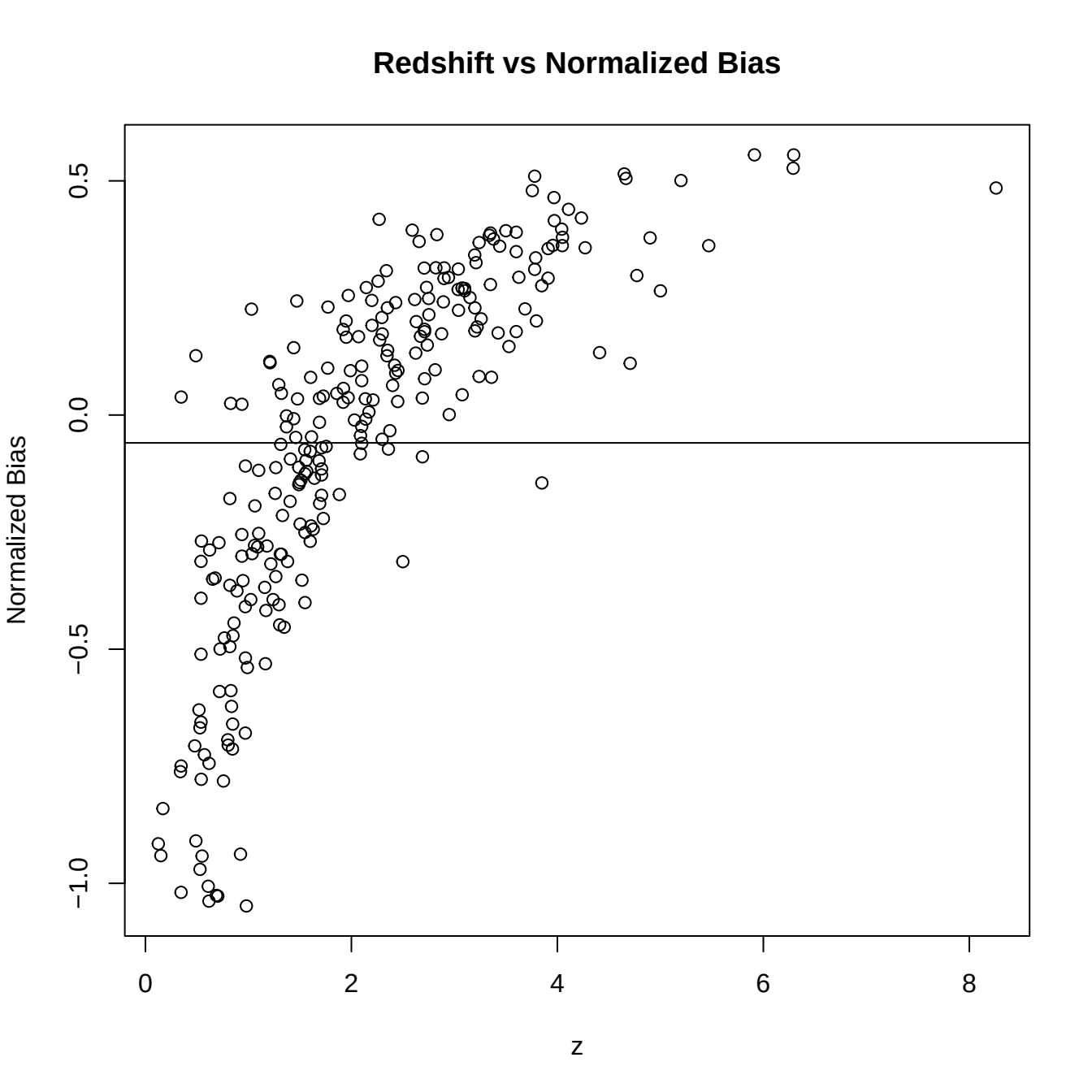

Samplesize = 271 | Within 2sigma = 258 (95%)
r = 0.4233 | Sigma = 0.176 | RMS = 0.176 | Bias = −0.00016 | NMAD = 0.176
Predicted log(z+1)
Observed log(z+1)
0.00
0.25
0.50
0.75
1.00
Outliers
blue
red

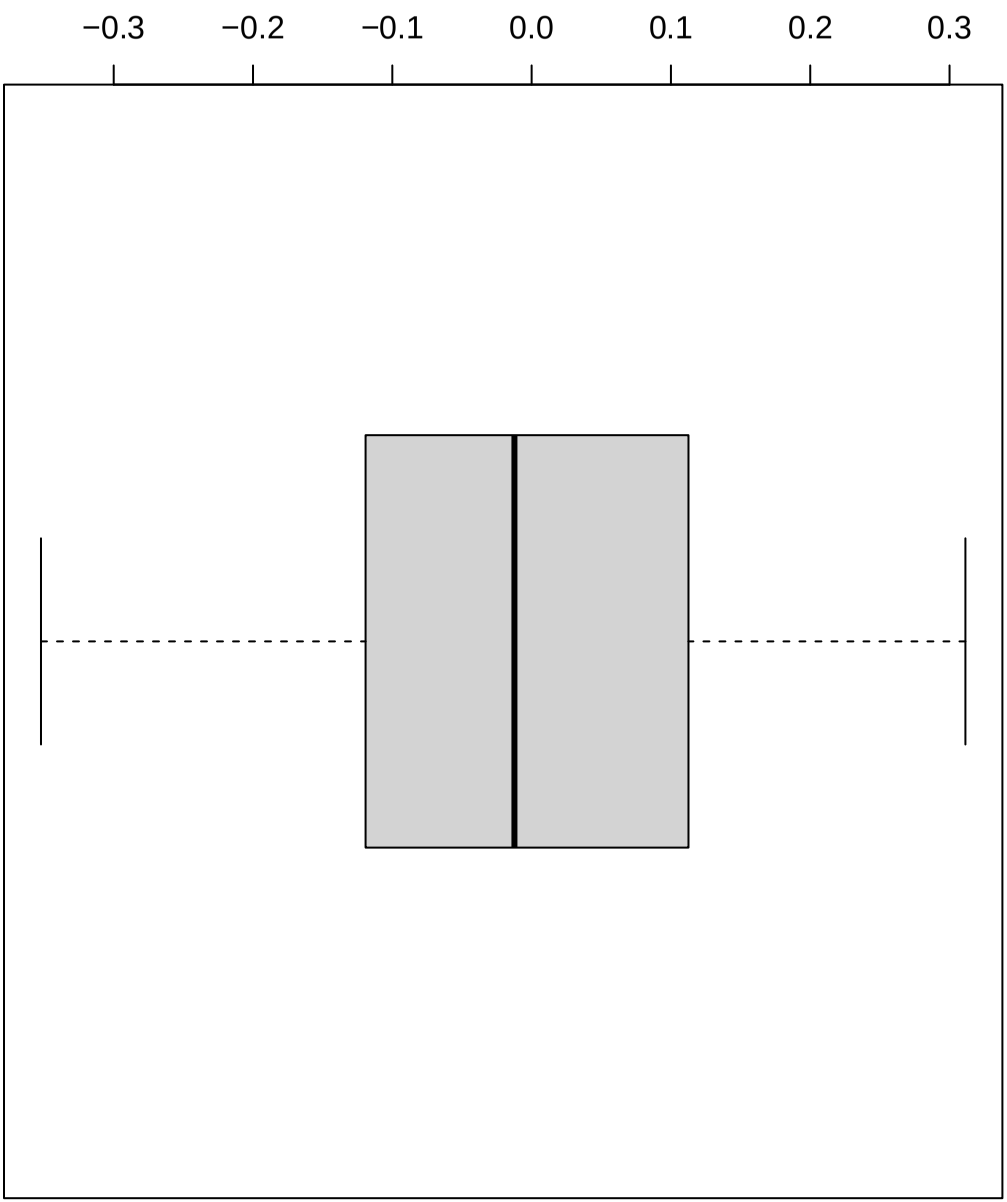

Samplesize = 271 | In 2sigma = 258 (95%) | In sigma =188 (69%)
r = 0.426 | Sigma = 1.37 | RMS = 1.4 | Bias = 0.25 | NMAD = 1.66
Predicted z
Observed z
0
1
2
3
4
5
6
7
8
9

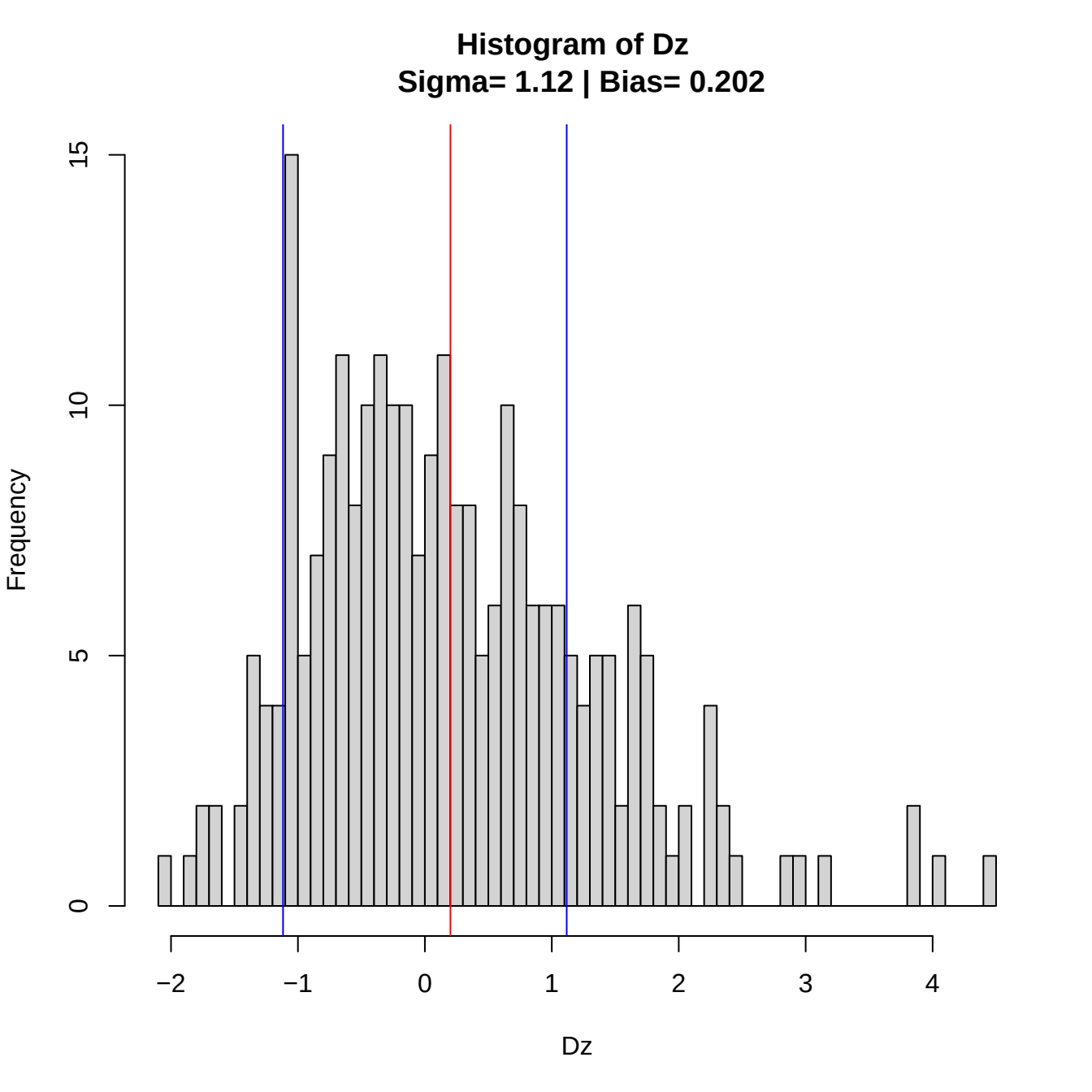

1.00
0.75
0.50
0.25
0.00
Predicted log(z+1)
0.00
0.25
0.50
0.75
1.00
Observed log(z+1)
colour
blue
red

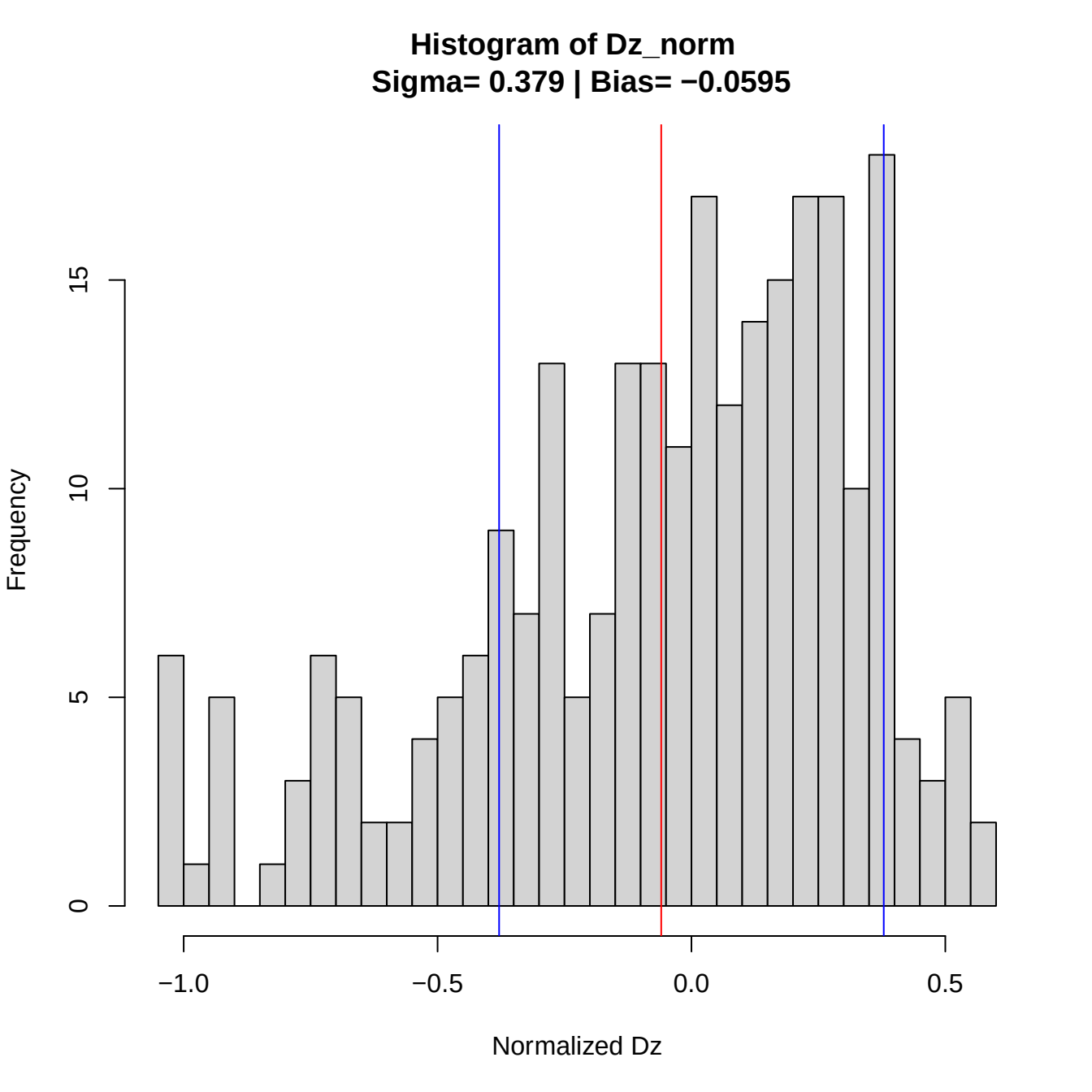

Predicted z
Observed z
0
1
2
3
4
5
6
7
8
9

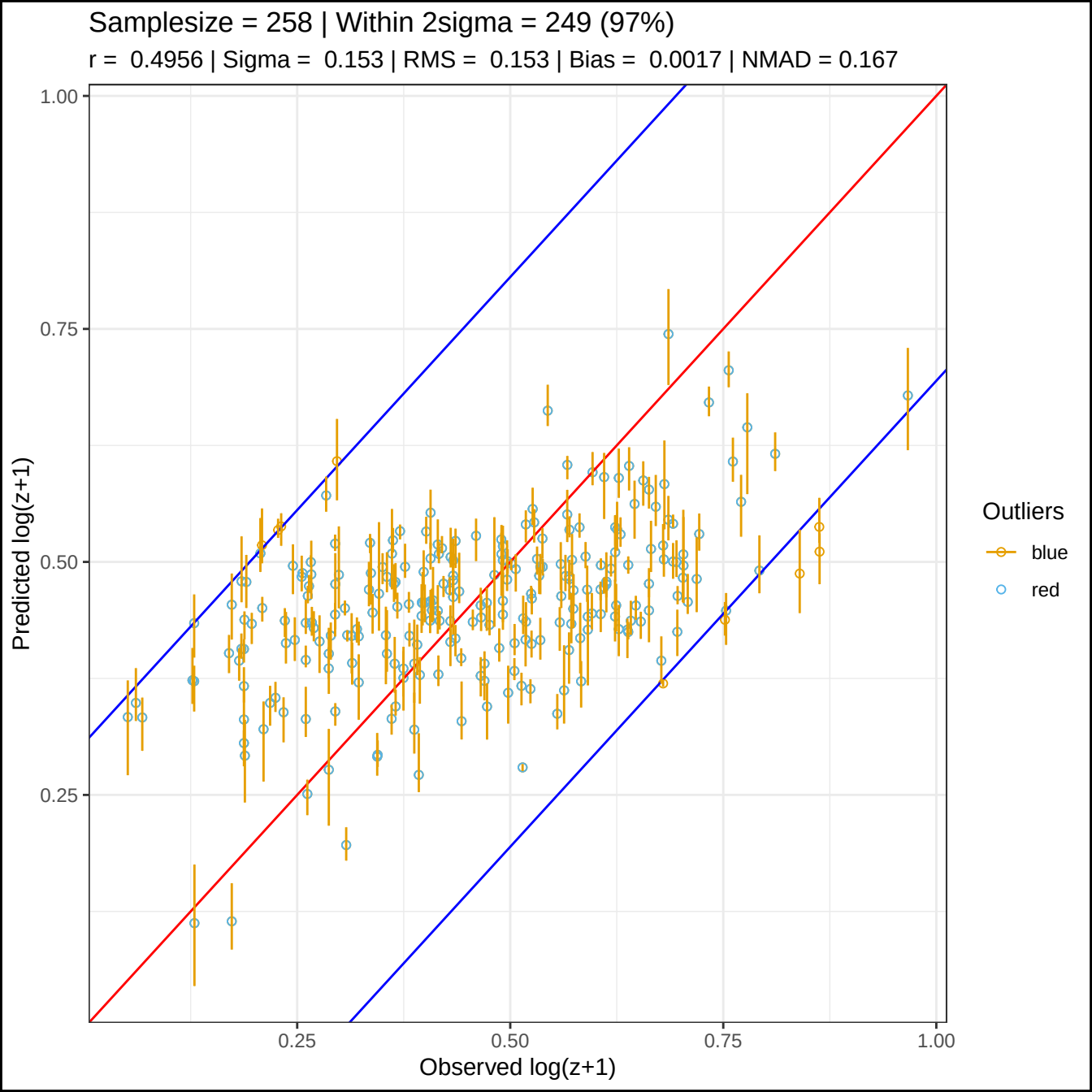

Redshift vs Bias
Bias
z
−2
−1
0
1
2
3
4
0
2
4
6
8

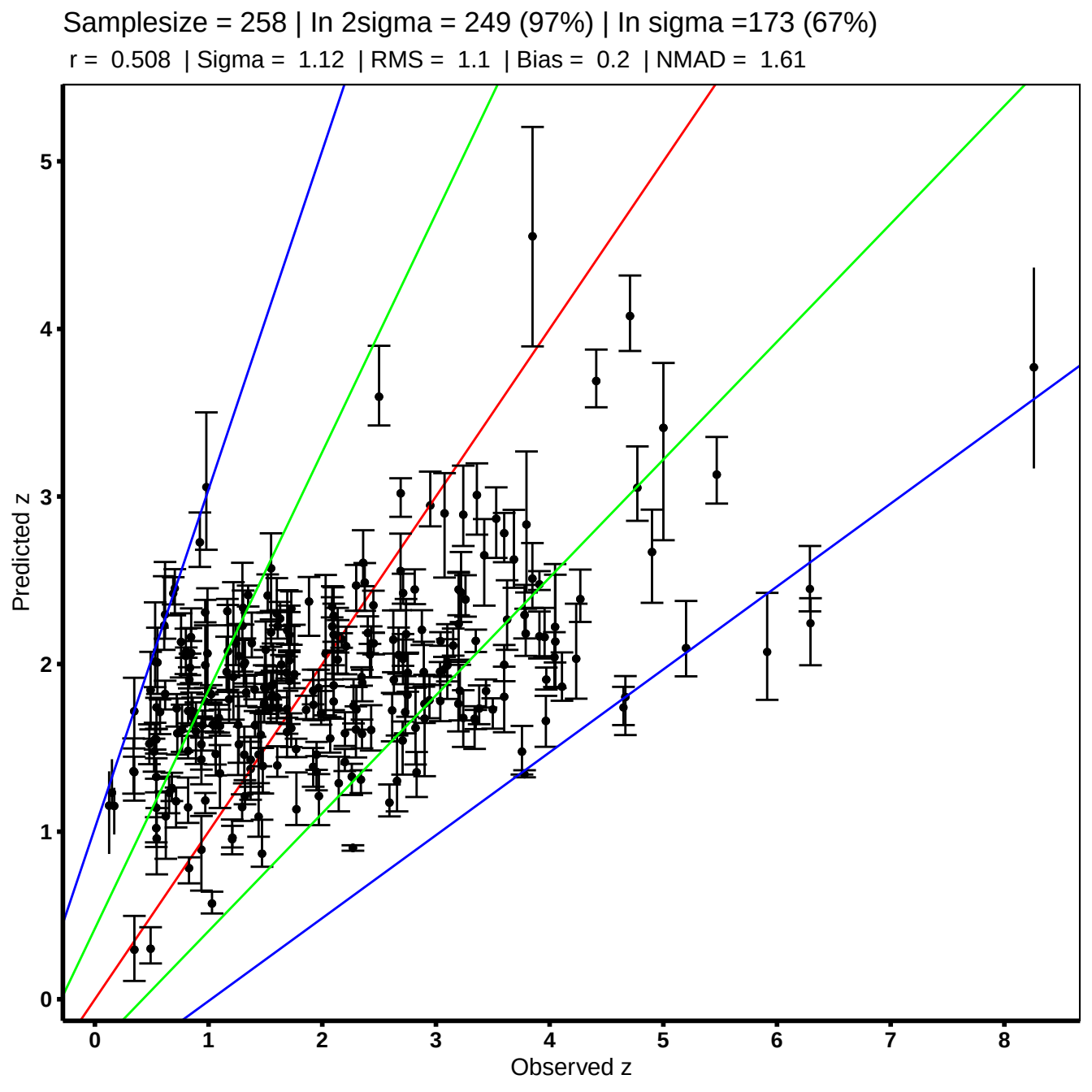

Redshift vs Normalized Bias
Normalized Bias
0.5
0.0
−0.5
−1.0
0
2
4
6
8
z

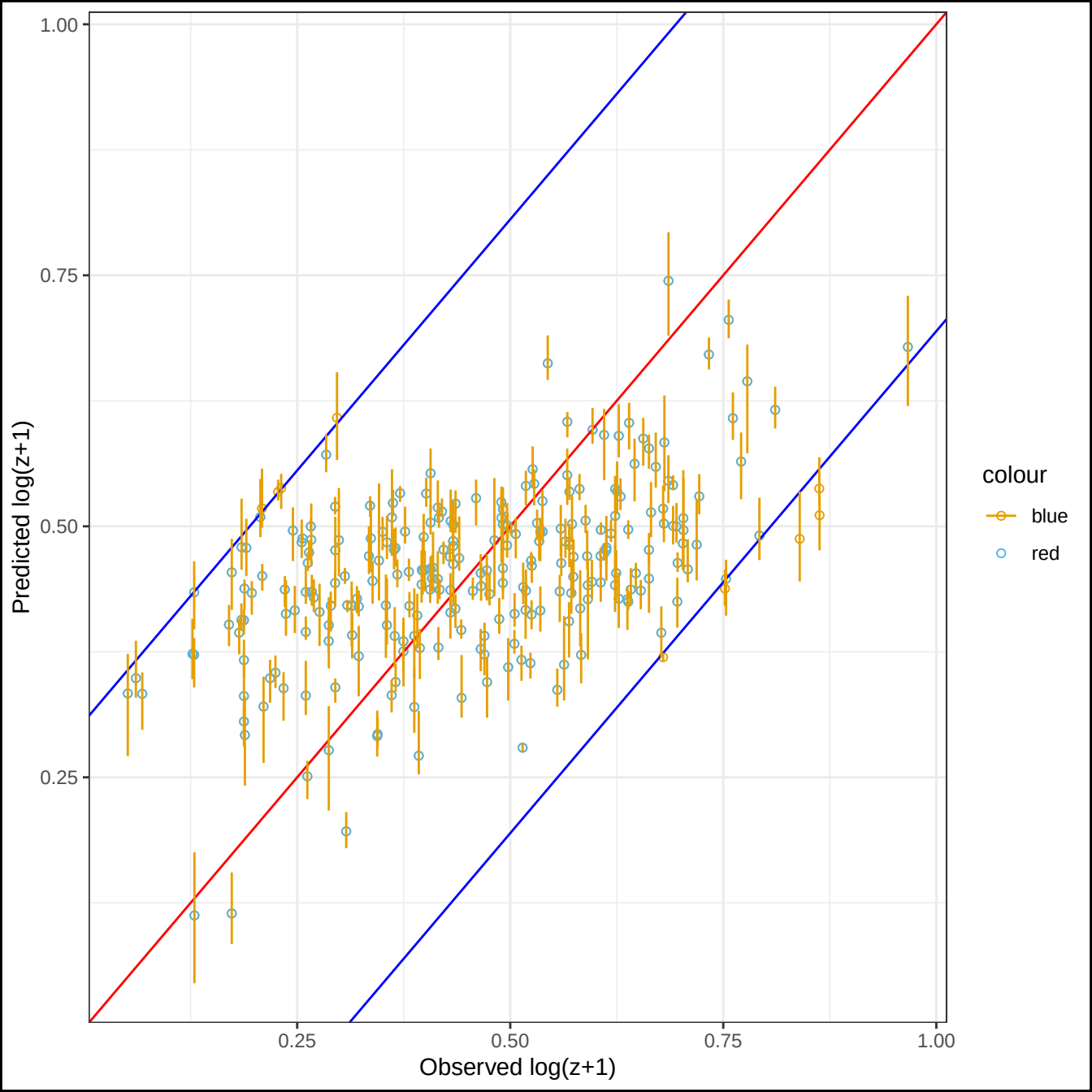

−0.3
−0.2
−0.1
0.0
0.1
0.2
0.3

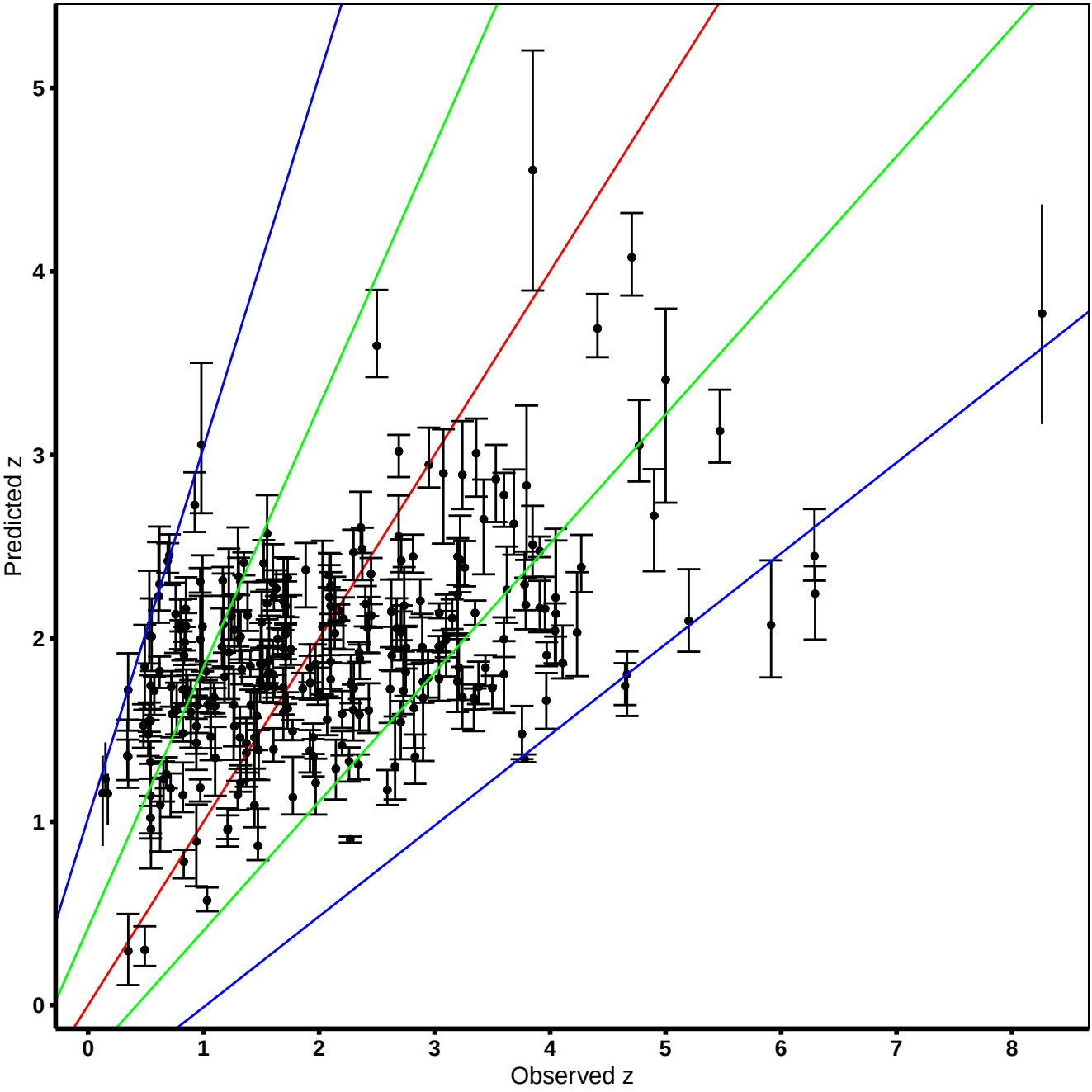

Histogram of Dz
Sigma= 1.12 | Bias= 0.202
Frequency
0
5
10
15
−2
−1
0
1
2
3
4
Dz


Histogram of Dz_norm
Sigma= 0.379 | Bias= −0.0595
Frequency
0
5
10
15
−1.0
−0.5
0.0
0.5
Normalized Dz


Samplesize = 258 | Within 2sigma = 249 (97%)
r = 0.4956 | Sigma = 0.153 | RMS = 0.153 | Bias = 0.0017 | NMAD = 0.167
Predicted log(z+1)
Observed log(z+1)
1.00
0.75
0.50
0.25
0.25
0.50
0.75
1.00
Outliers
blue
red


Samplesize = 258 | In 2sigma = 249 (97%) | In sigma =173 (67%)
r = 0.508 | Sigma = 1.12 | RMS = 1.1 | Bias = 0.2 | NMAD = 1.61
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