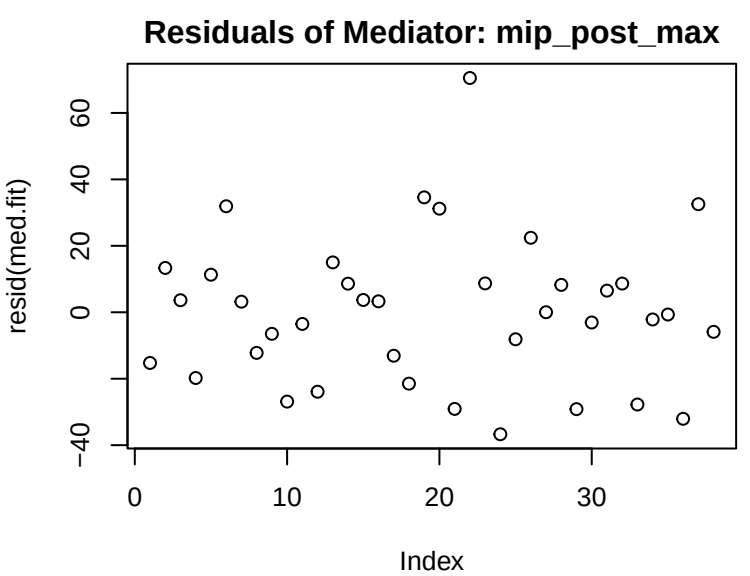
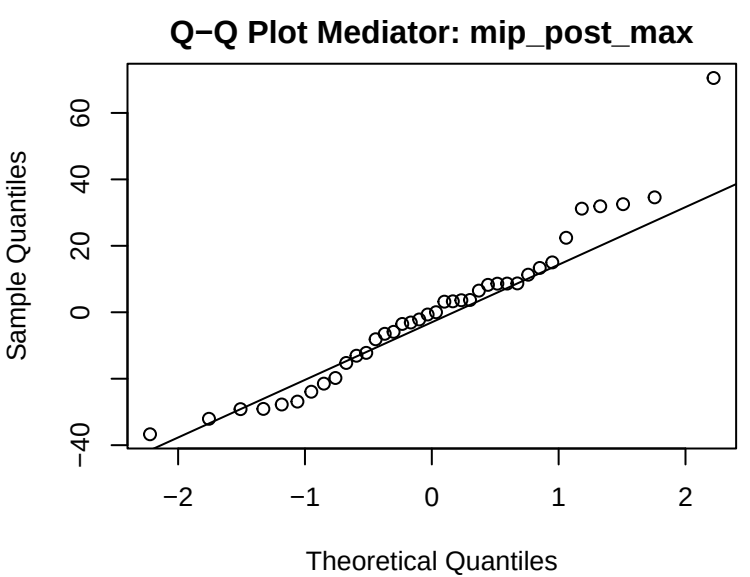
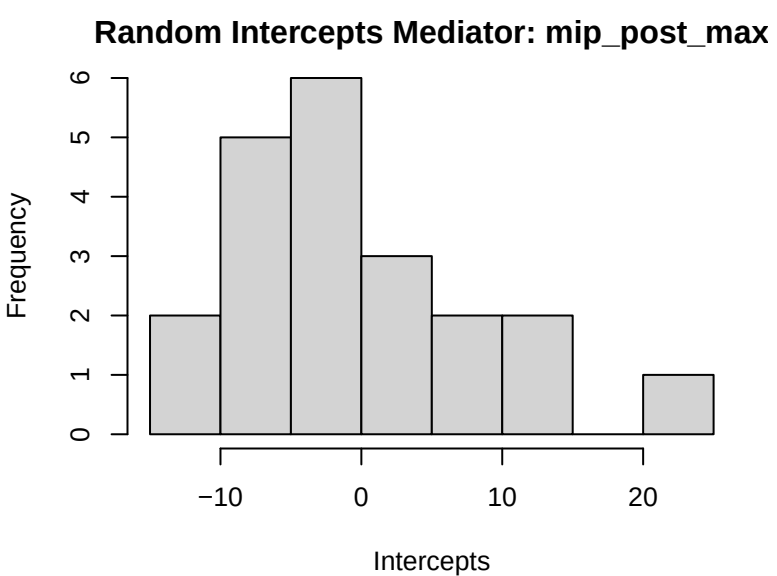
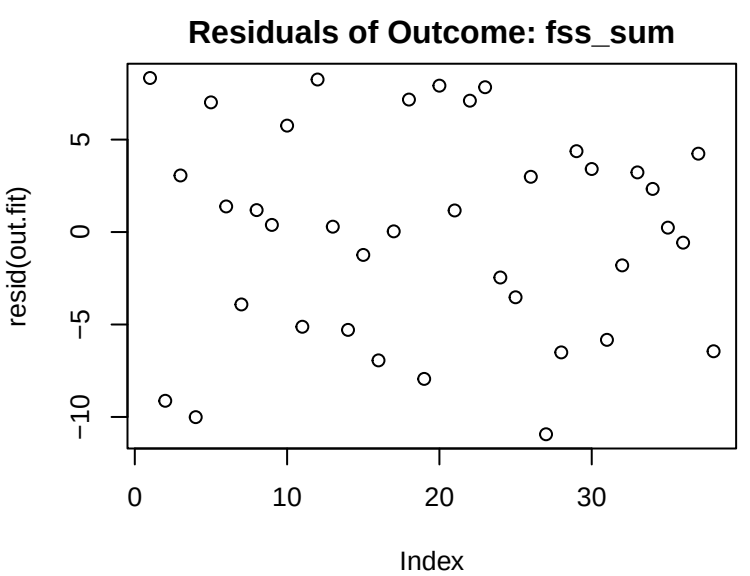
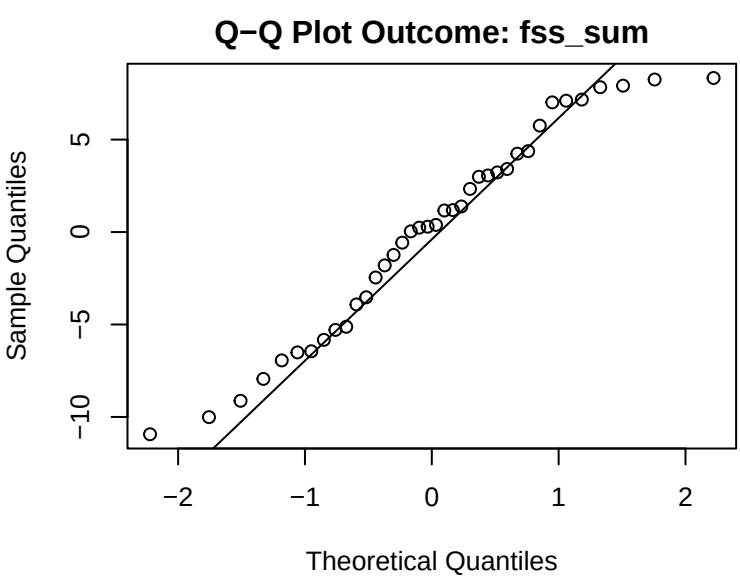
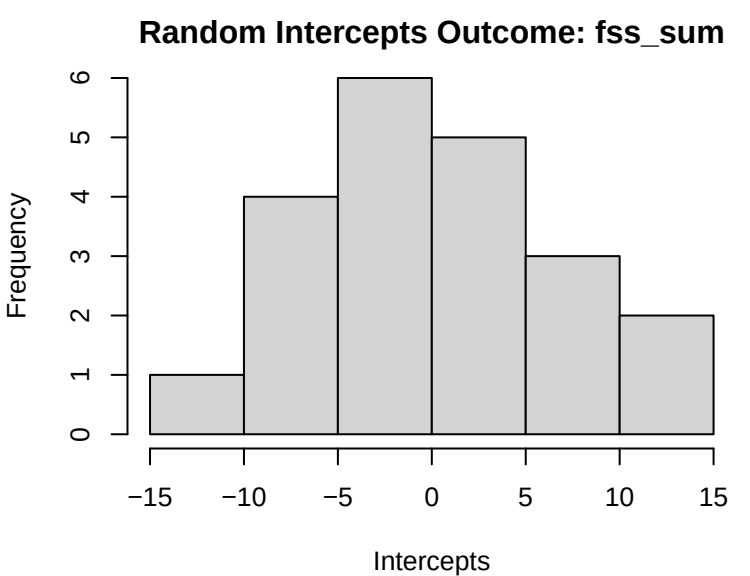

Residuals of Mediator: mip_post_max
resid(med.fit)
−40
0
20
40
60
0
10
20
30
Index

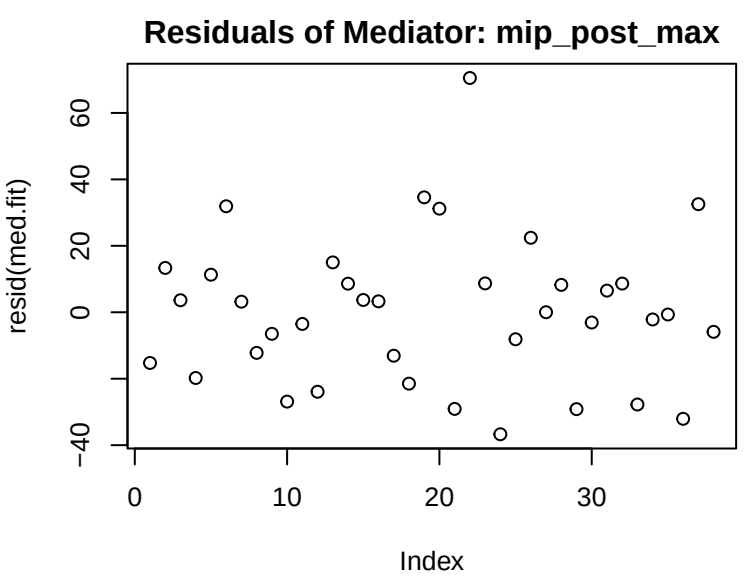

Q−Q Plot Mediator: mip_post_max
Sample Quantiles
−40
0
20
40
60
−2
−1
0
1
2
Theoretical Quantiles

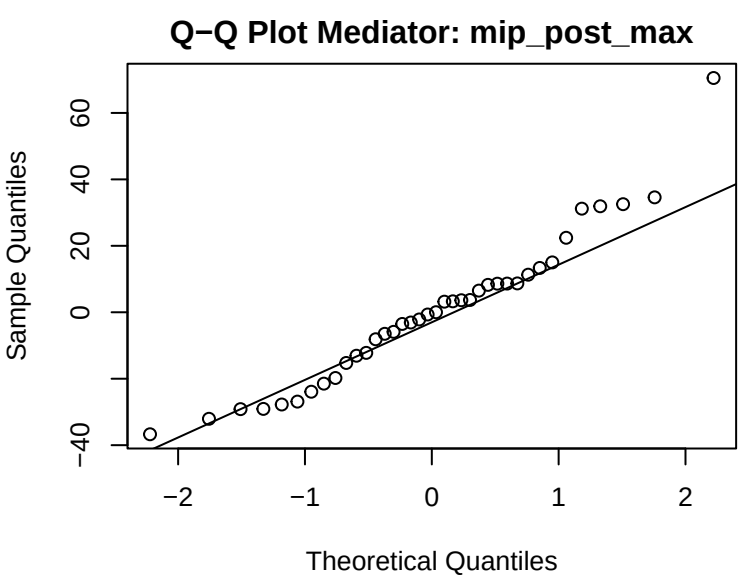

Random Intercepts Mediator: mip_post_max
Frequency
0
1
2
3
4
5
6
−10
0
10
20
Intercepts

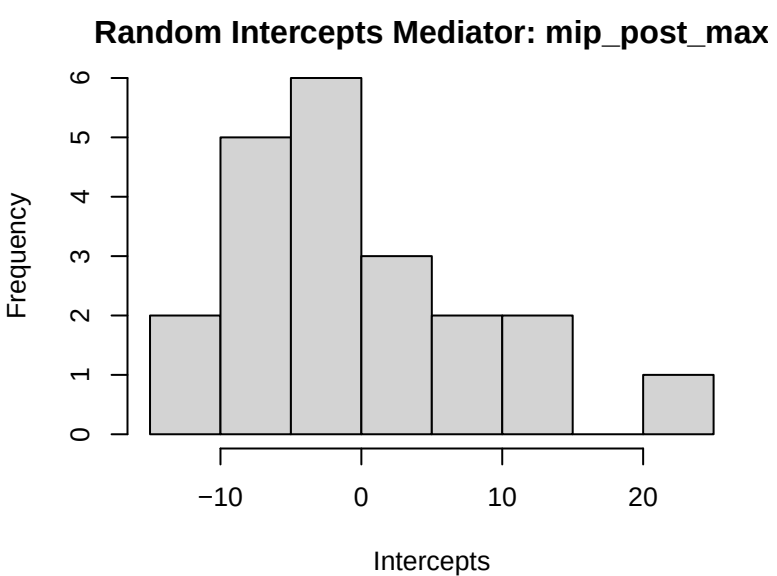

Residuals of Outcome: fss_sum
resid(out.fit)
Index

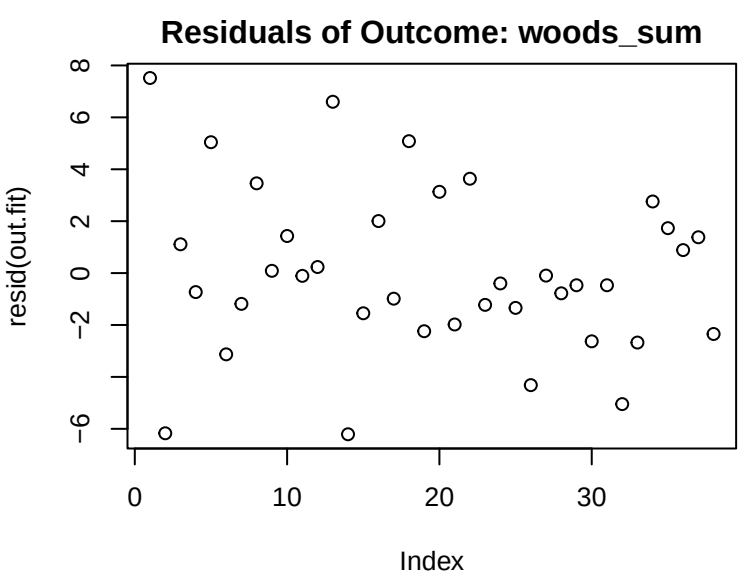

Q−Q Plot Outcome: fss_sum
Sample Quantiles
Theoretical Quantiles

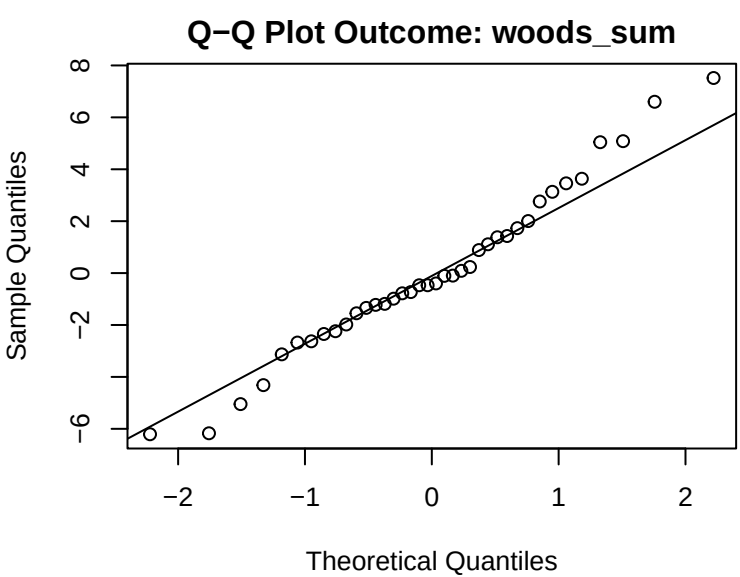

Random Intercepts Outcome: fss_sum
Frequency
Intercepts

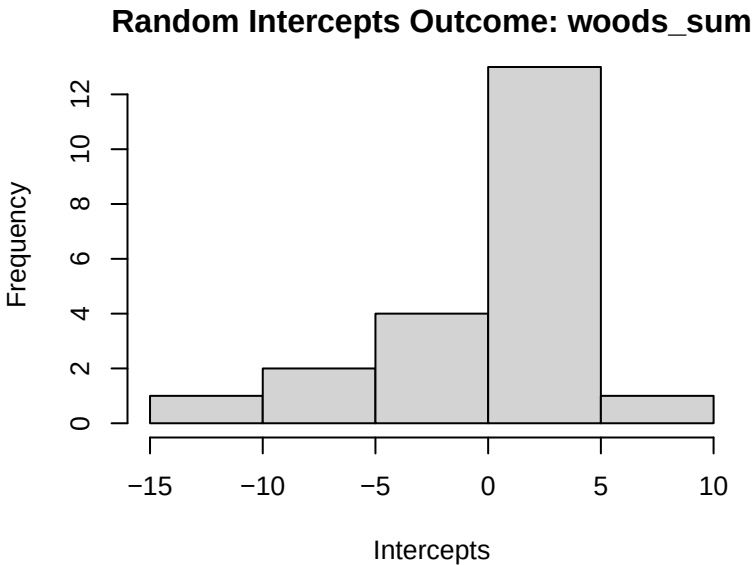

Residuals of Mediator: mip_post_max
resid(med.fit)
−40
0
20
40
60
0
10
20
30
Index

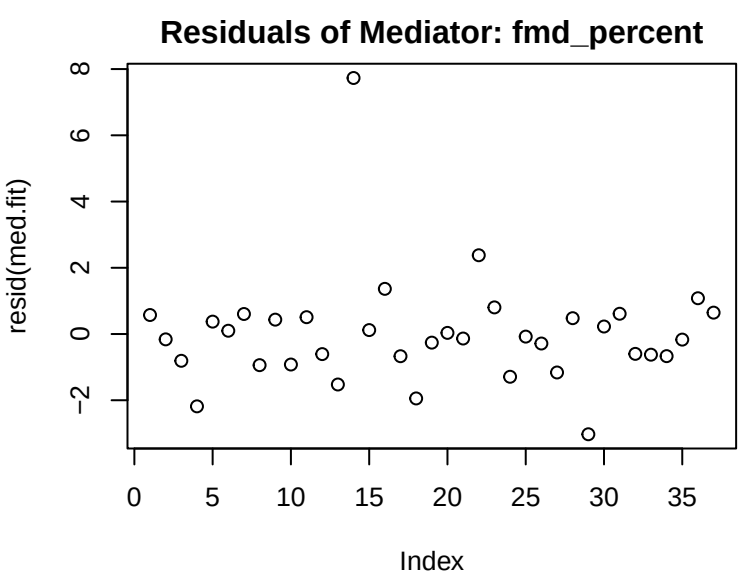

Q−Q Plot Mediator: mip_post_max
Sample Quantiles
−40
0
20
40
60
−2
−1
0
1
2
Theoretical Quantiles

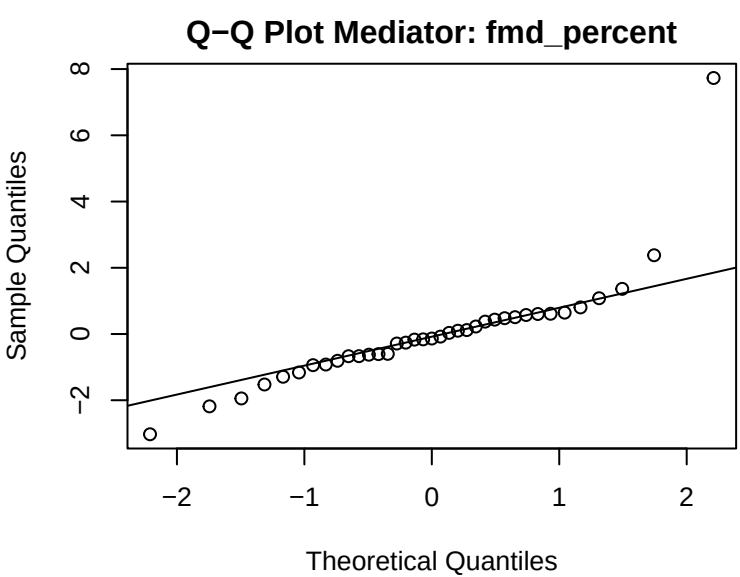

Random Intercepts Mediator: mip_post_max
Frequency
0
1
2
3
4
5
6
−10
0
10
20
Intercepts

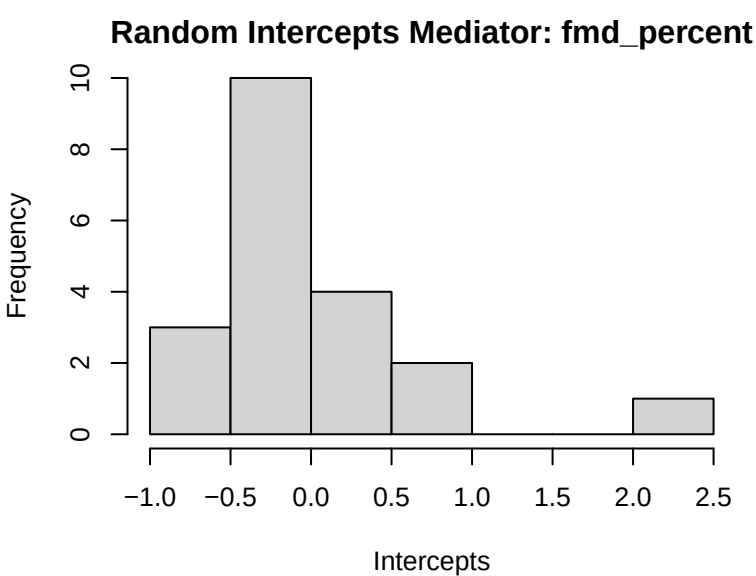

Residuals of Outcome: woods_sum
resid(out.fit)
8
6
4
2
0
−2
−6
0
10
20
30
Index

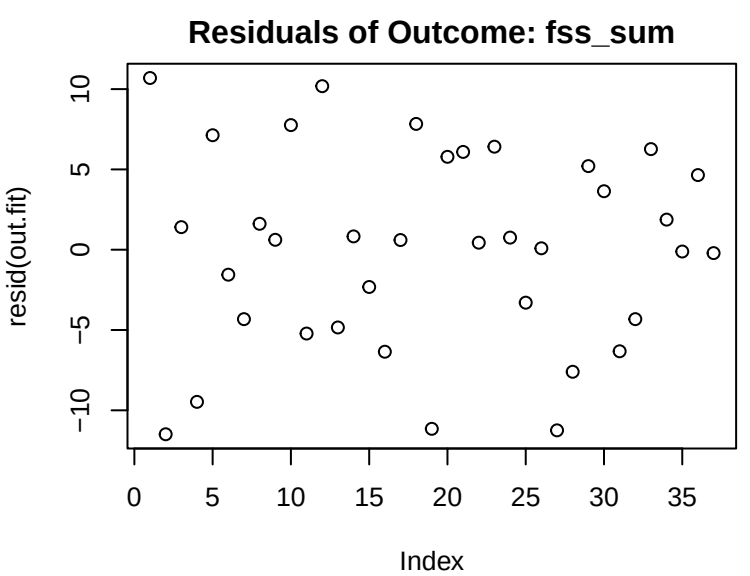

Q−Q Plot Outcome: woods_sum
Sample Quantiles
8
6
4
2
0
−2
−6
−2
−1
0
1
2
Theoretical Quantiles

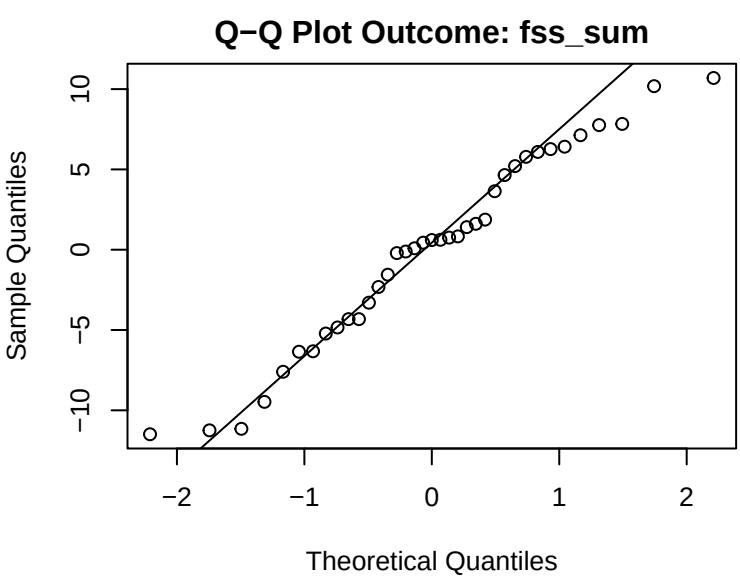

Random Intercepts Outcome: woods_sum
Frequency
12
10
8
6
4
2
0
−15
−10
−5
0
5
10
Intercepts

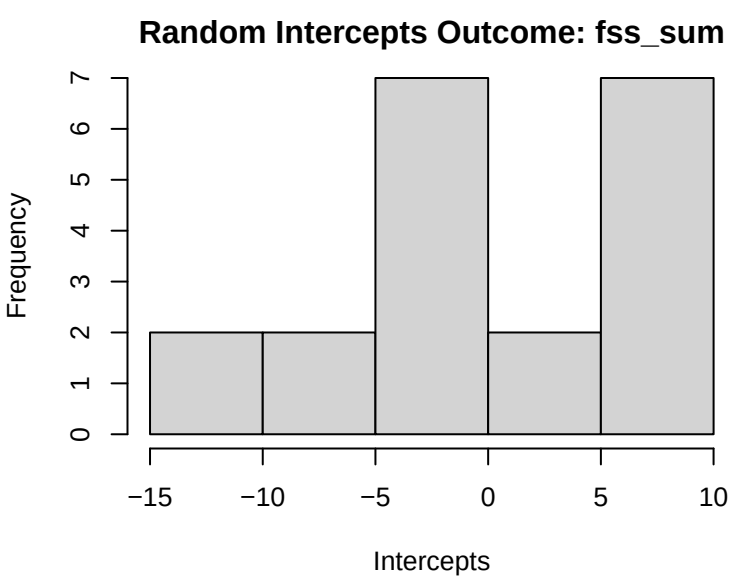

Residuals of Mediator: fmd_percent
resid(med.fit)
Index

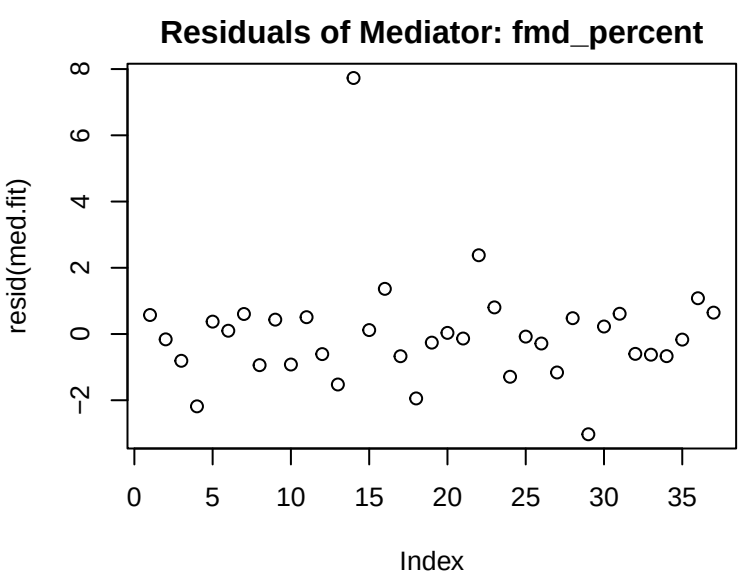

Q−Q Plot Mediator: fmd_percent
Sample Quantiles
Theoretical Quantiles

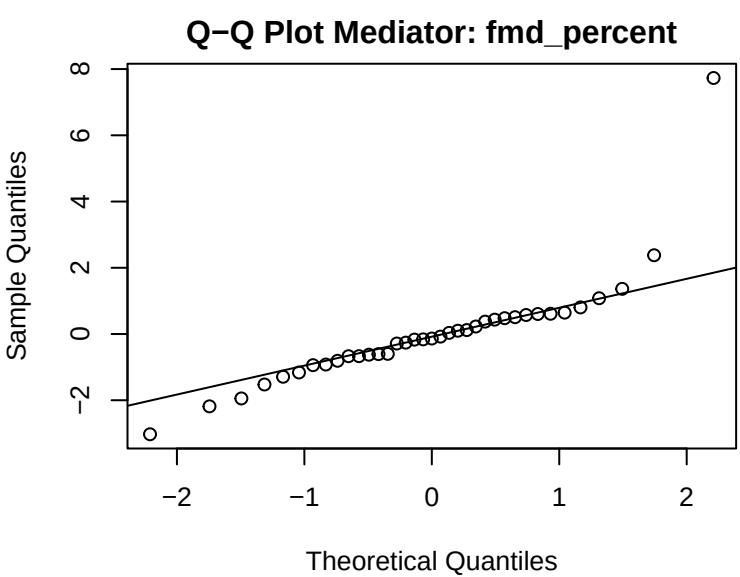

Random Intercepts Mediator: fmd_percent
Frequency
Intercepts

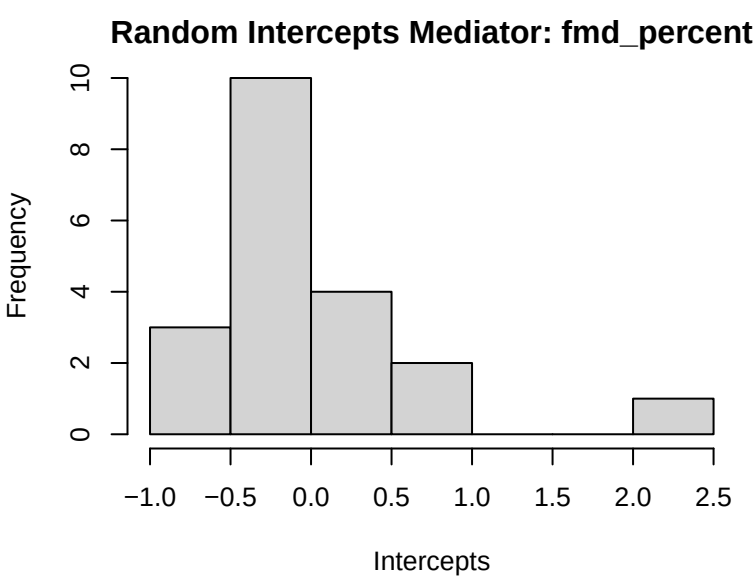

Residuals of Outcome: fss_sum
resid(out.fit)
10
5
0
−5
−10
0
5
10
15
20
25
30
35
Index


Q−Q Plot Outcome: fss_sum
Sample Quantiles
10
5
0
−5
−10
−2
−1
0
1
2
Theoretical Quantiles

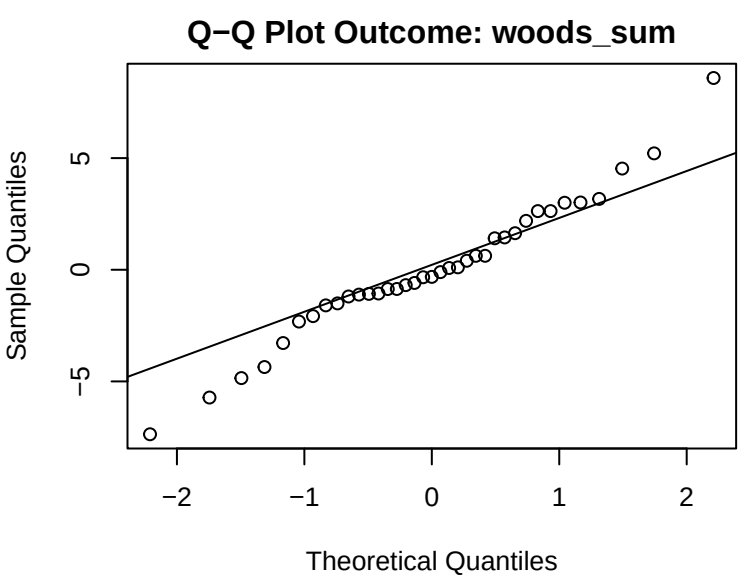

Random Intercepts Outcome: fss_sum
Frequency
0
1
2
3
4
5
6
7
−15
−10
−5
0
5
10
Intercepts

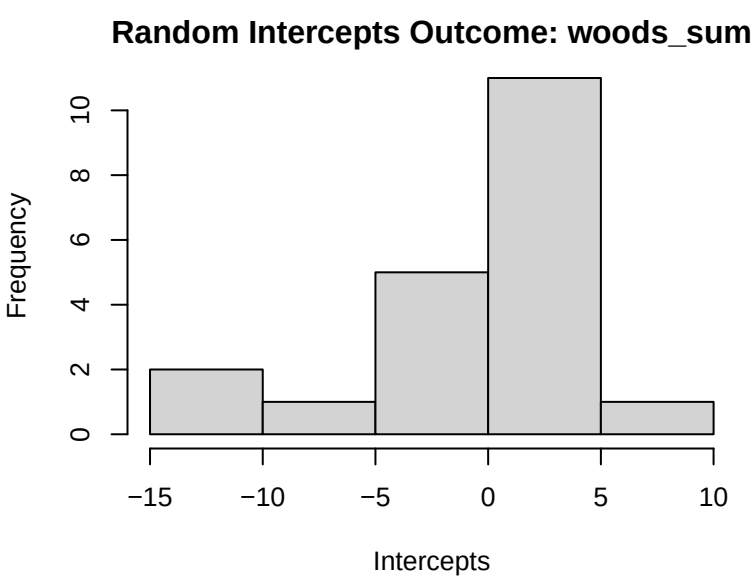

Residuals of Mediator: fmd_percent
resid(med.fit)
Index

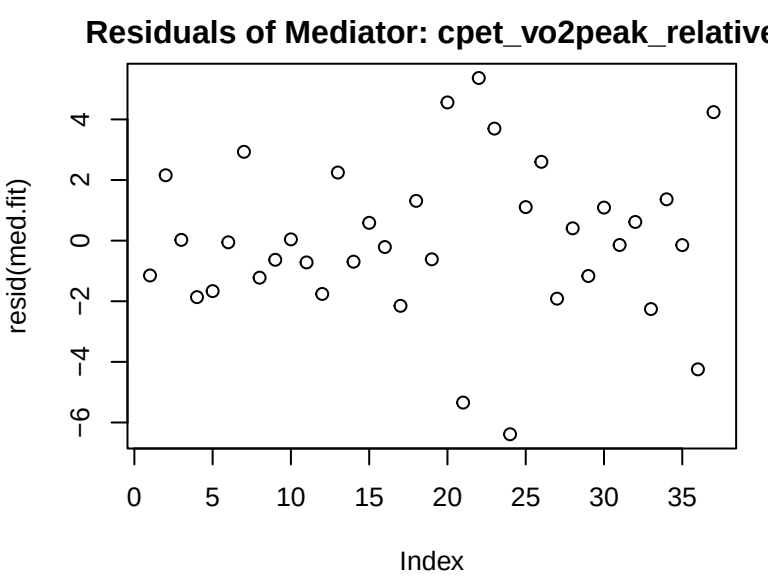

Q−Q Plot Mediator: fmd_percent
Sample Quantiles
Theoretical Quantiles

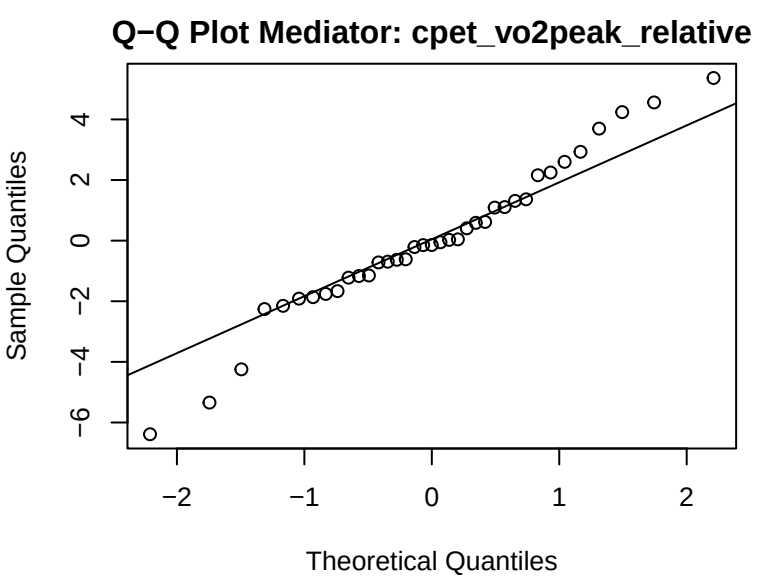

Random Intercepts Mediator: fmd_percent
Frequency
Intercepts

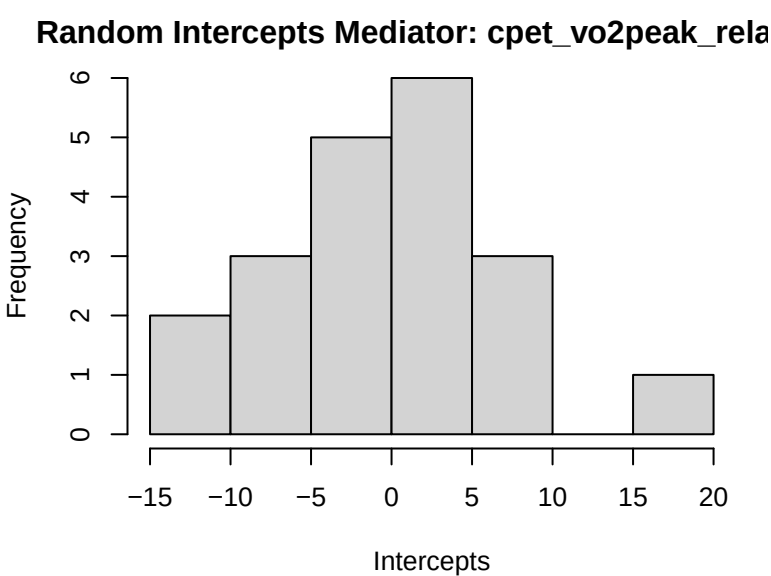
Residuals of Outcome: woods_sum
resid(out.fit)
5
0
−5
0
5
10
15
20
25
30
35
Index

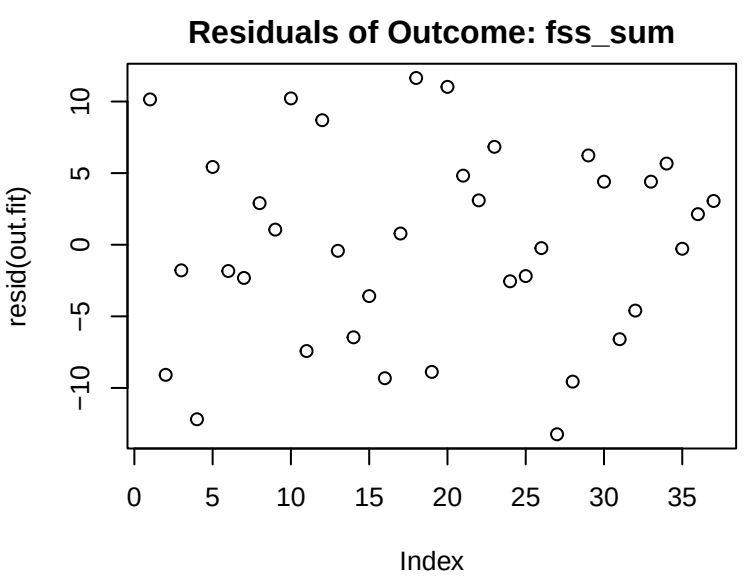

Q−Q Plot Outcome: woods_sum
Sample Quantiles
5
0
−5
−2
−1
0
1
2
Theoretical Quantiles

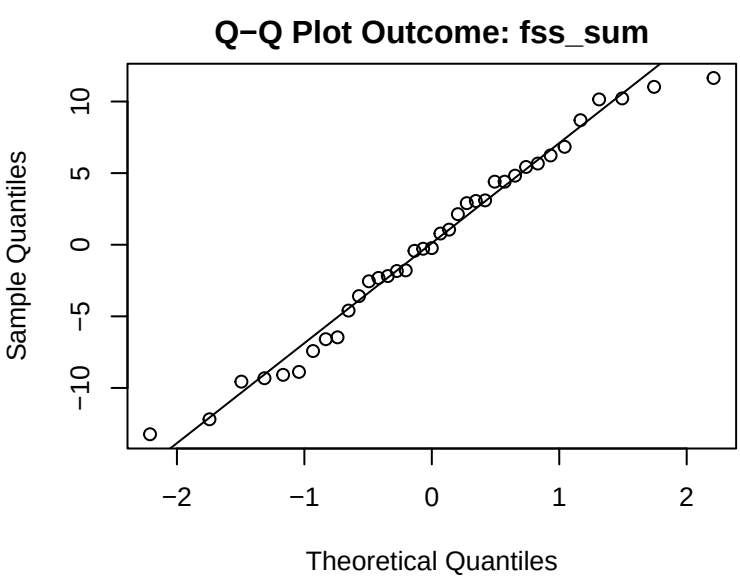

Random Intercepts Outcome: woods_sum
Frequency
0
2
4
6
8
10
−15
−10
−5
0
5
10
Intercepts

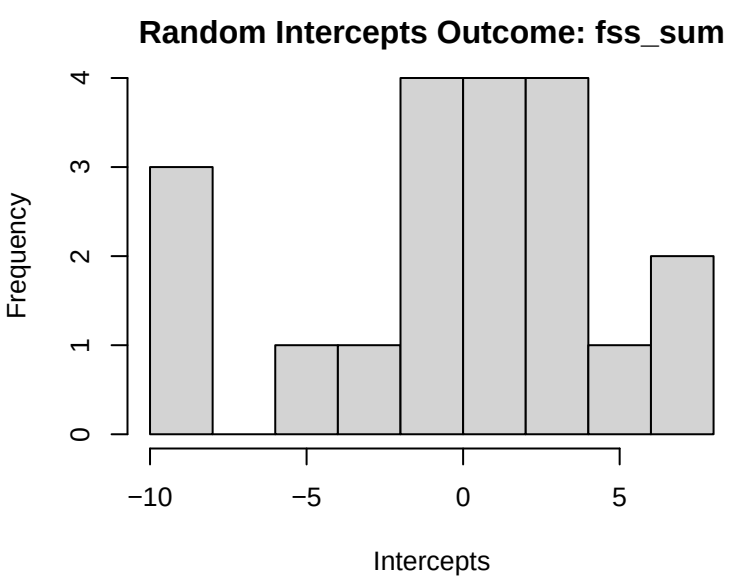

Residuals of Mediator: cpet_vo2peak_relative
resid(med.fit)
Index

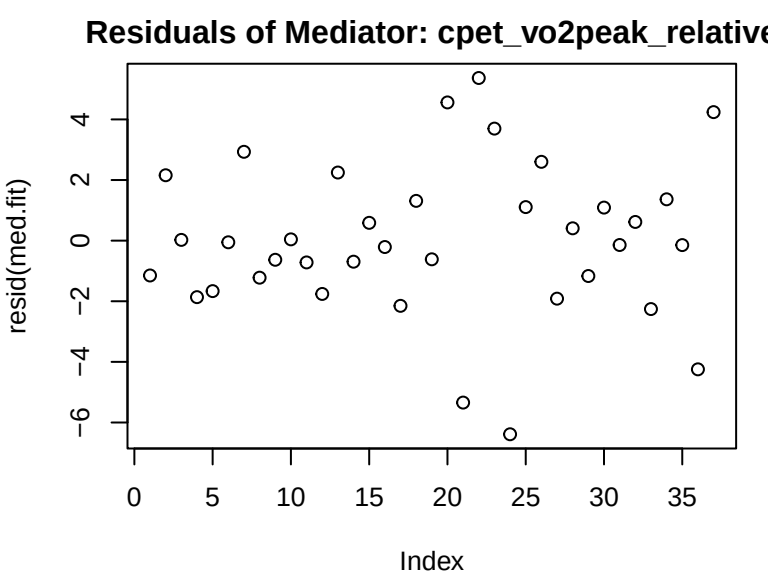

Q−Q Plot Mediator: cpet_vo2peak_relative
Sample Quantiles
Theoretical Quantiles

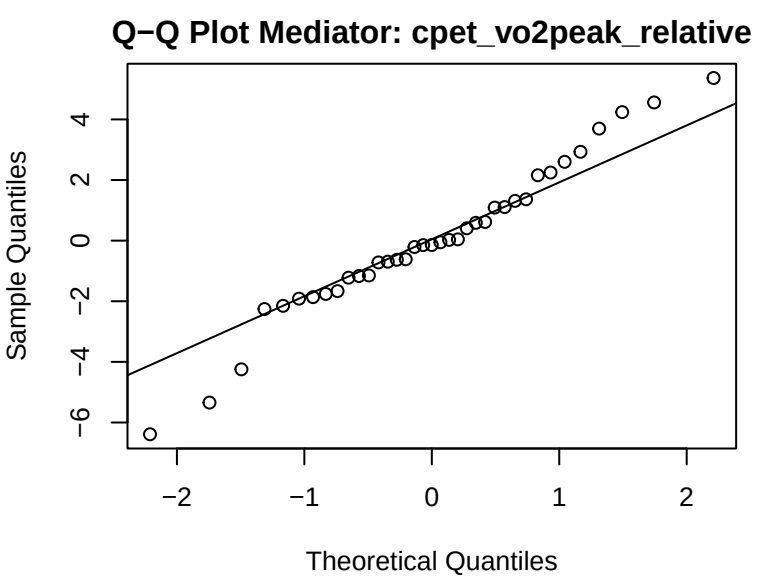

Random Intercepts Mediator: cpet_vo2peak_rela
Frequency
Intercepts

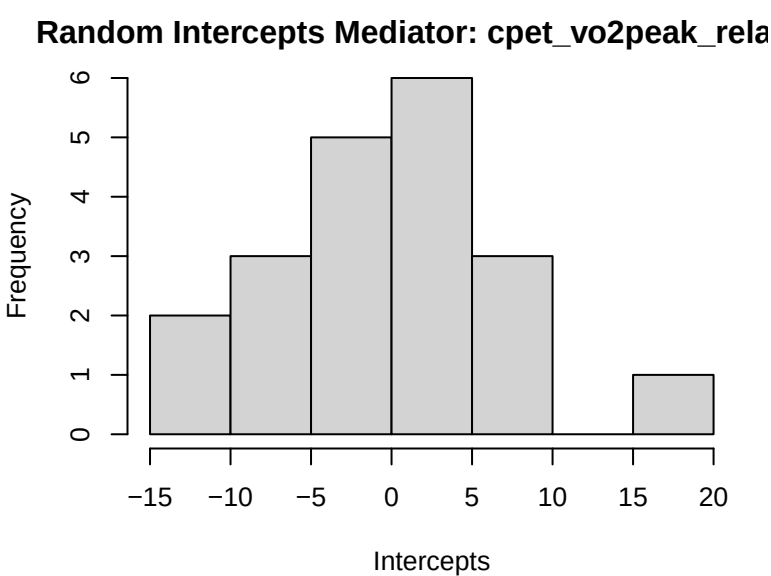

Residuals of Outcome: fss_sum
resid(out.fit)
10
5
0
−5
−10
0
5
10
15
20
25
30
35
Index


Q−Q Plot Outcome: fss_sum
Sample Quantiles
10
5
0
−5
−10
−2
−1
0
1
2
Theoretical Quantiles

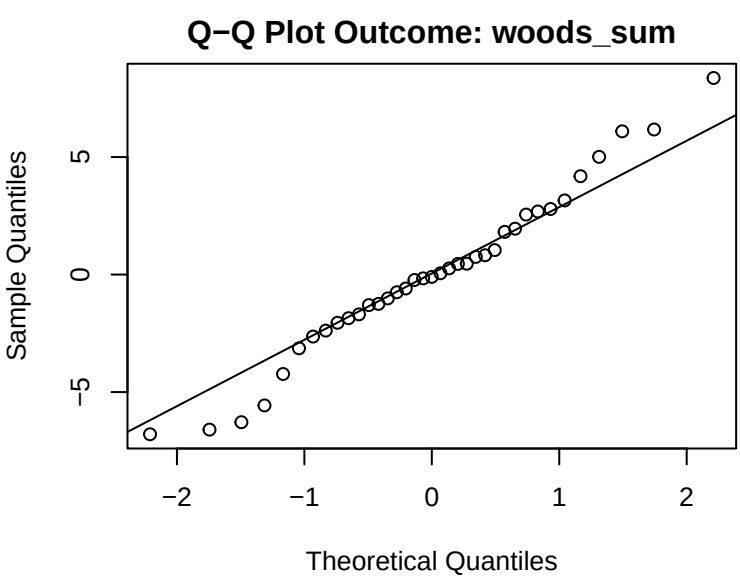

Random Intercepts Outcome: fss_sum
Frequency
4
3
2
1
0
−10
−5
0
5
Intercepts

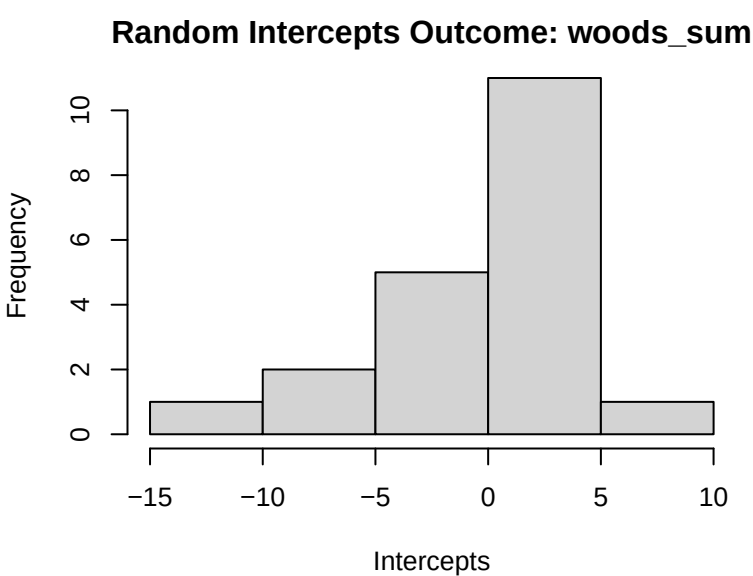

Residuals of Mediator: cpet_vo2peak_relative
resid(med.fit)
Index


Q−Q Plot Mediator: cpet_vo2peak_relative
Sample Quantiles
Theoretical Quantiles


Random Intercepts Mediator: cpet_vo2peak_rela
Frequency
Intercepts

Residuals of Outcome: woods_sum
resid(out.fit)
5
0
−5
0
5
10
15
20
25
30
35
Index


Q−Q Plot Outcome: woods_sum
Sample Quantiles
5
0
−5
−2
−1
0
1
2
Theoretical Quantiles


Random Intercepts Outcome: woods_sum
Frequency
0
2
4
6
8
10
−15
−10
−5
0
5
10
Intercepts