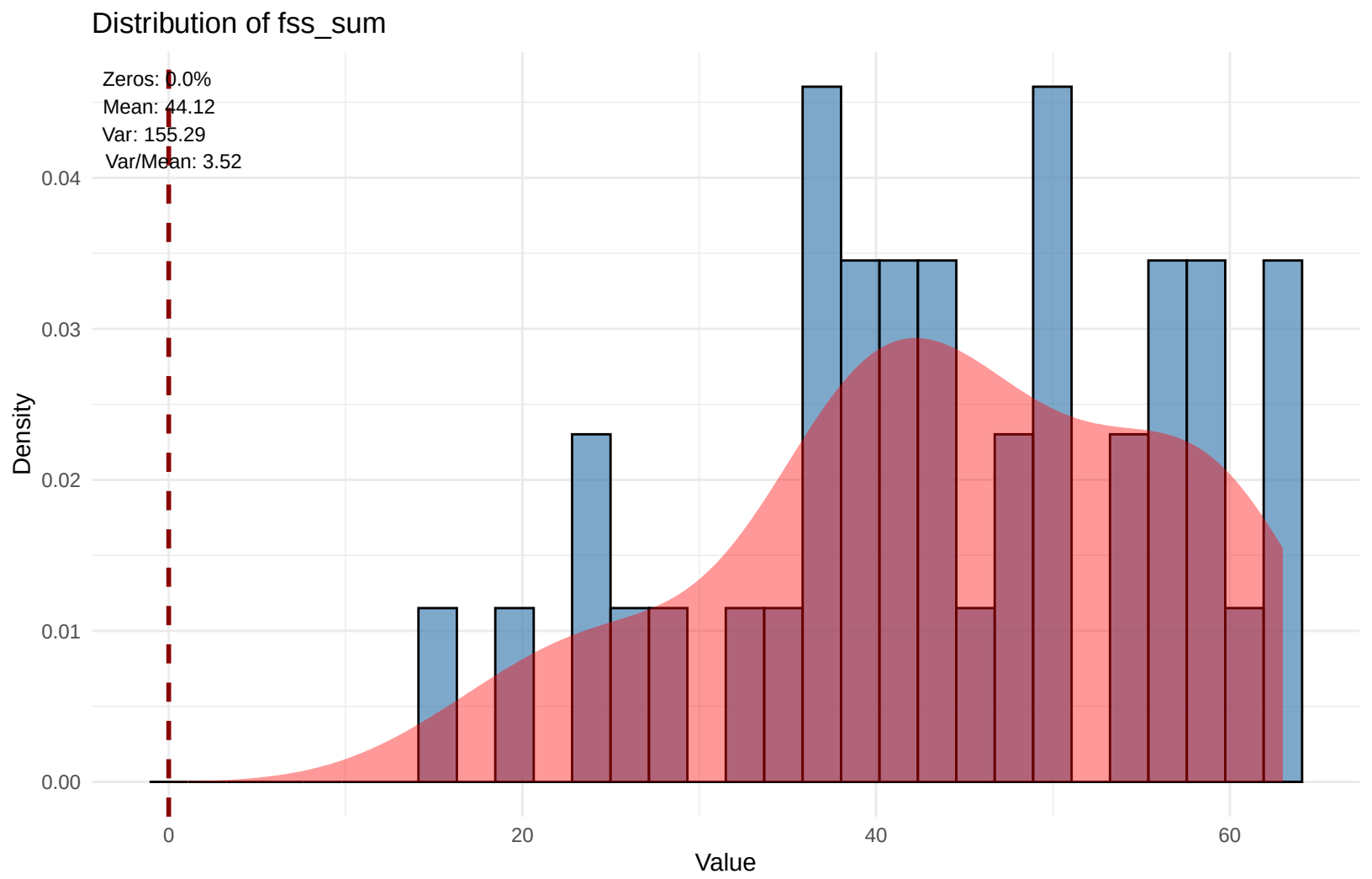
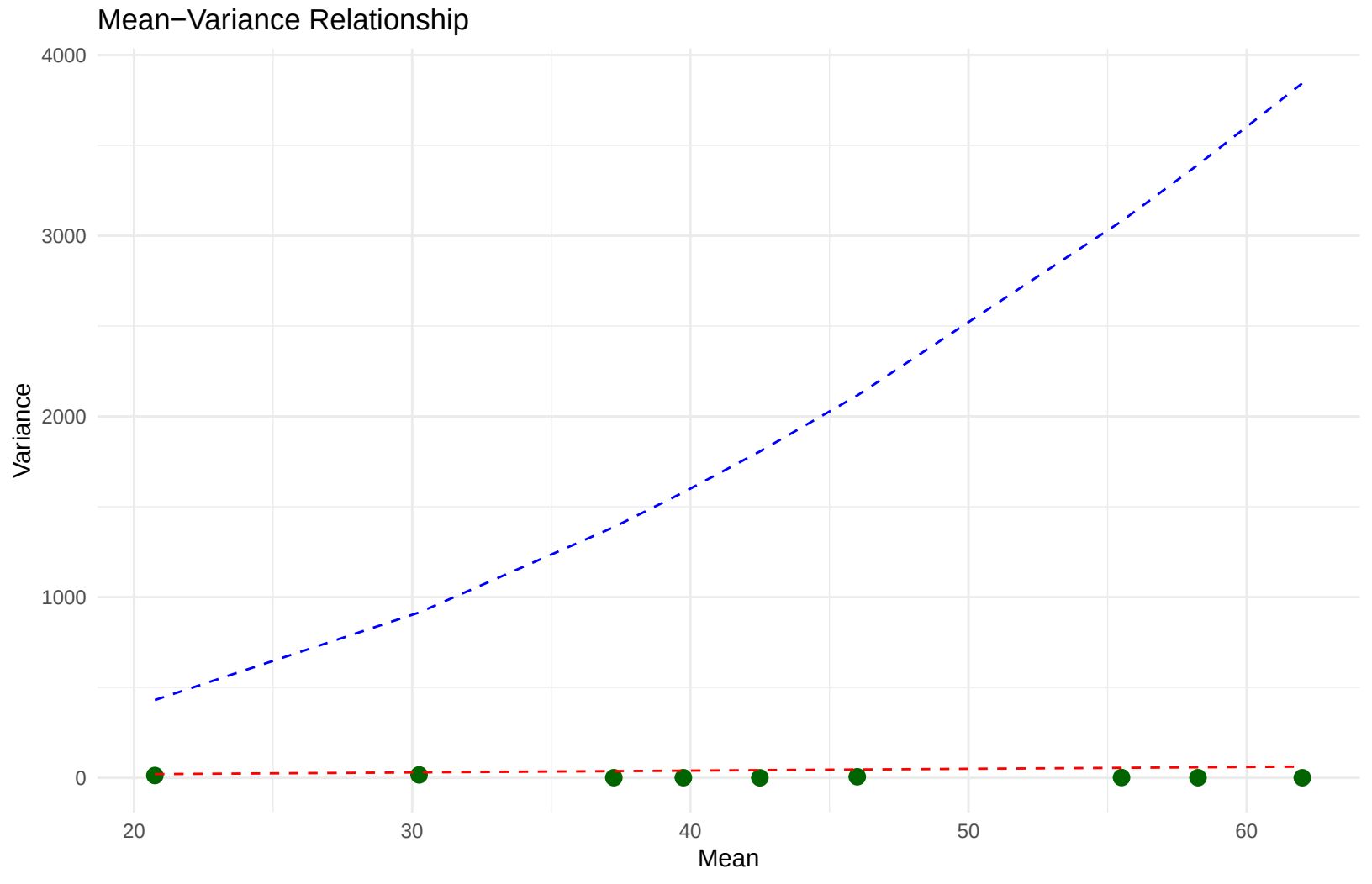
GLM Model Selection Report

Generated: 2025−11−28

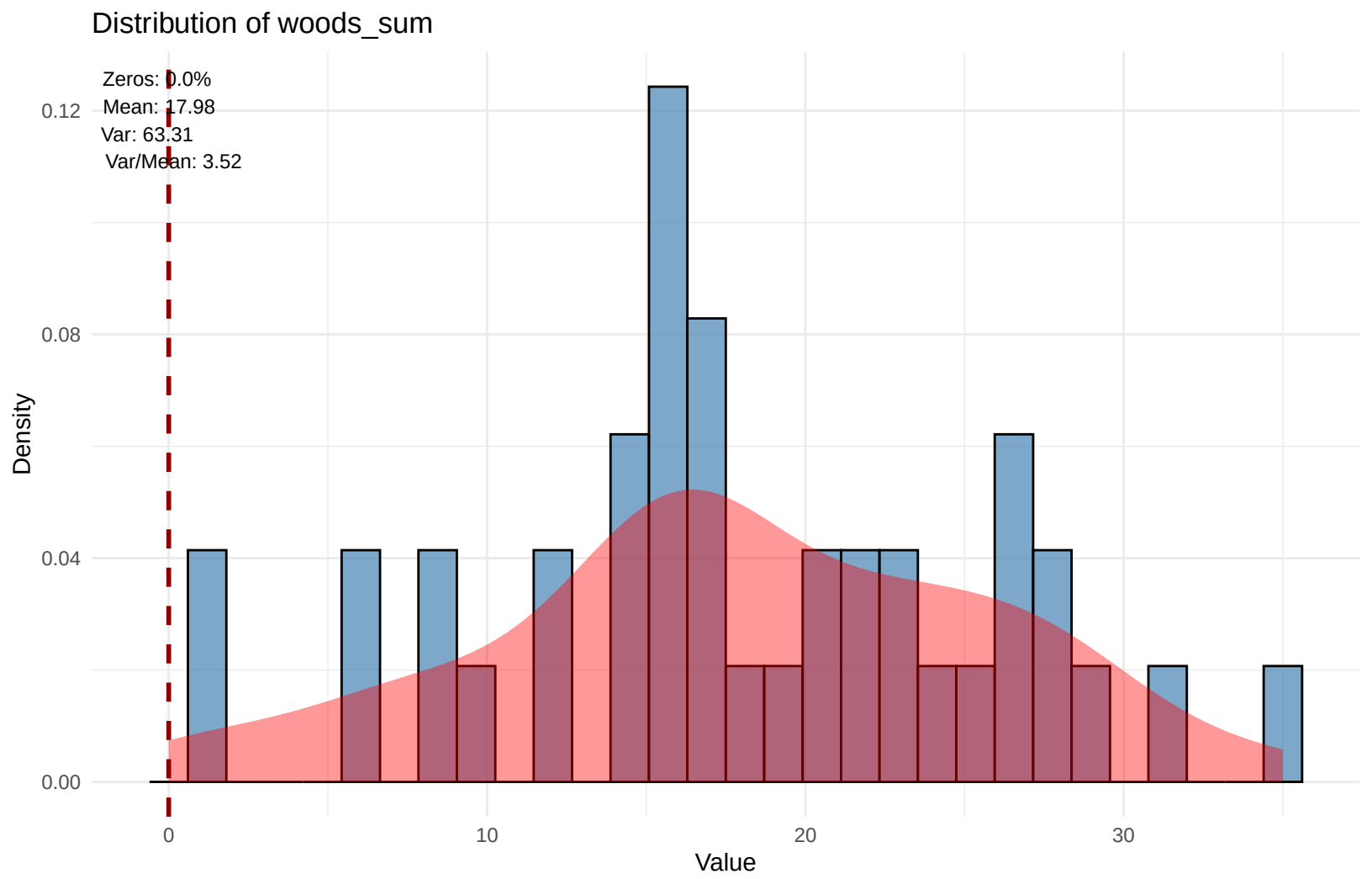
Variables analyzed: 3

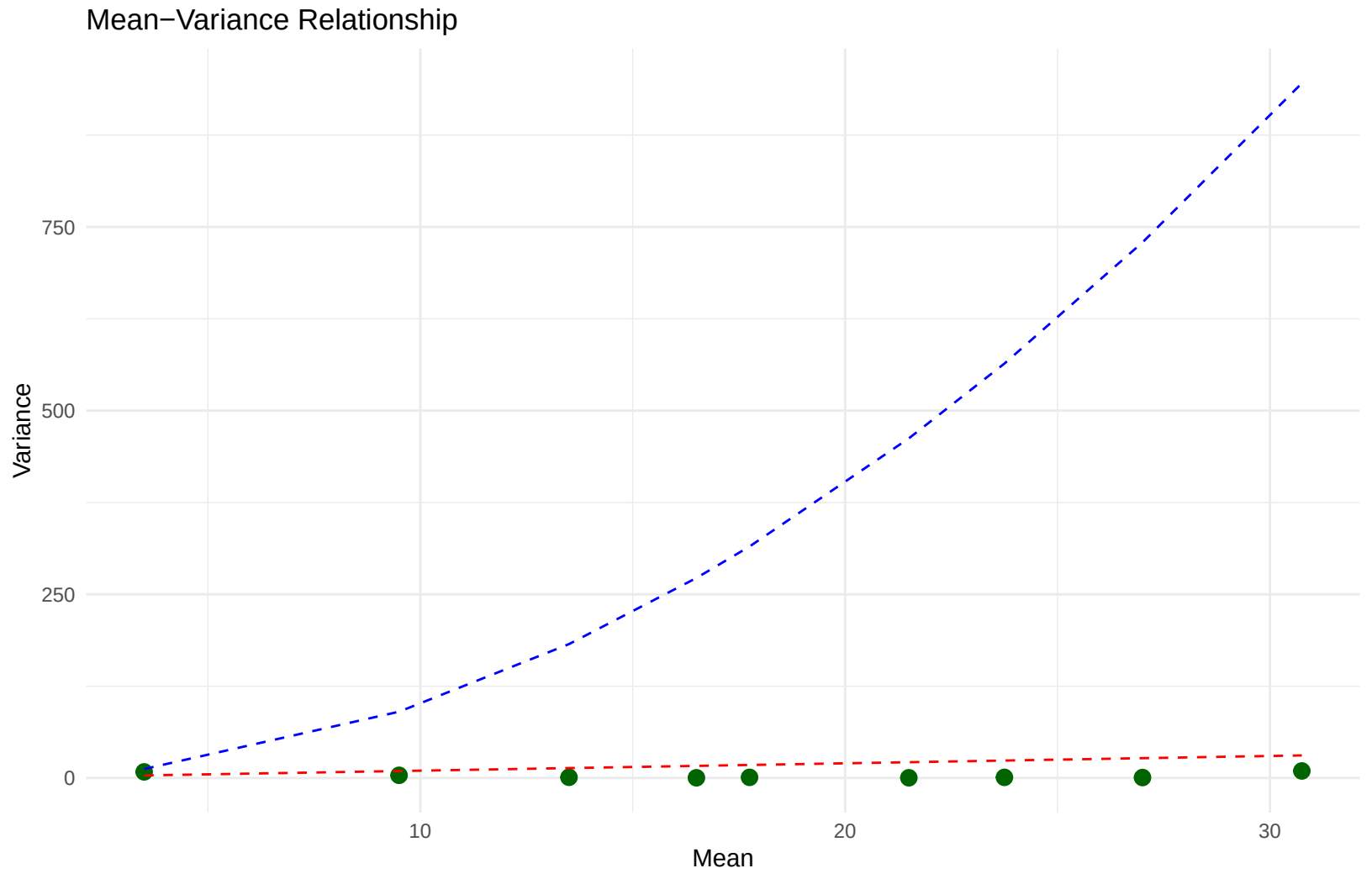

Distribution of fss_sum
Zeros: 0.0%
Mean: 44.12
Var: 155.29
Var/Mean: 3.52
Density
0.04
0.03
0.02
0.01
0.00
0
20
40
60
Value


Mean−Variance Relationship
Variance
4000
3000
2000
1000
0
20
30
40
50
60
Mean

GLM Recommendations for: fss_sum

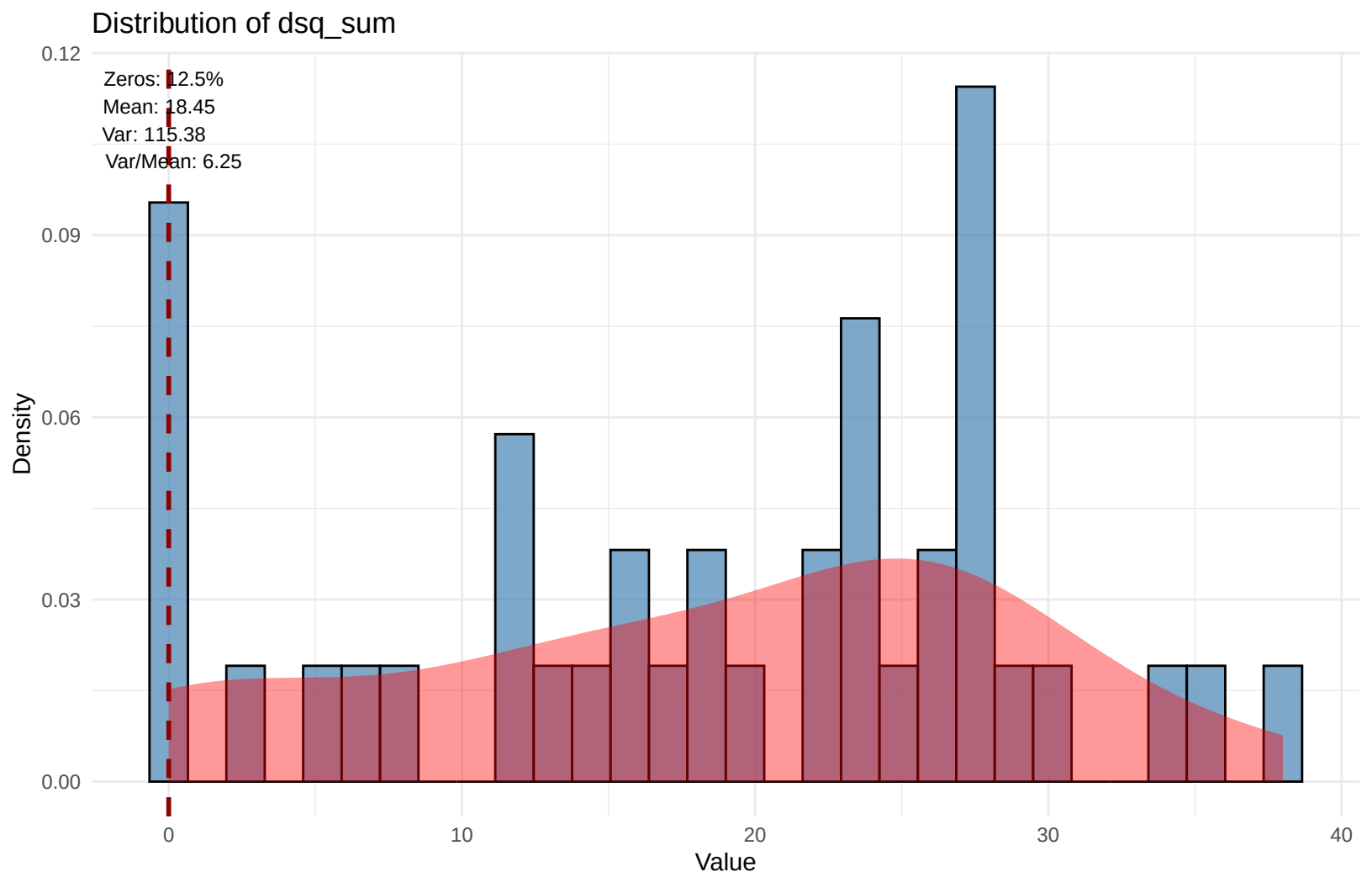
PRIMARY: Negative Binomial

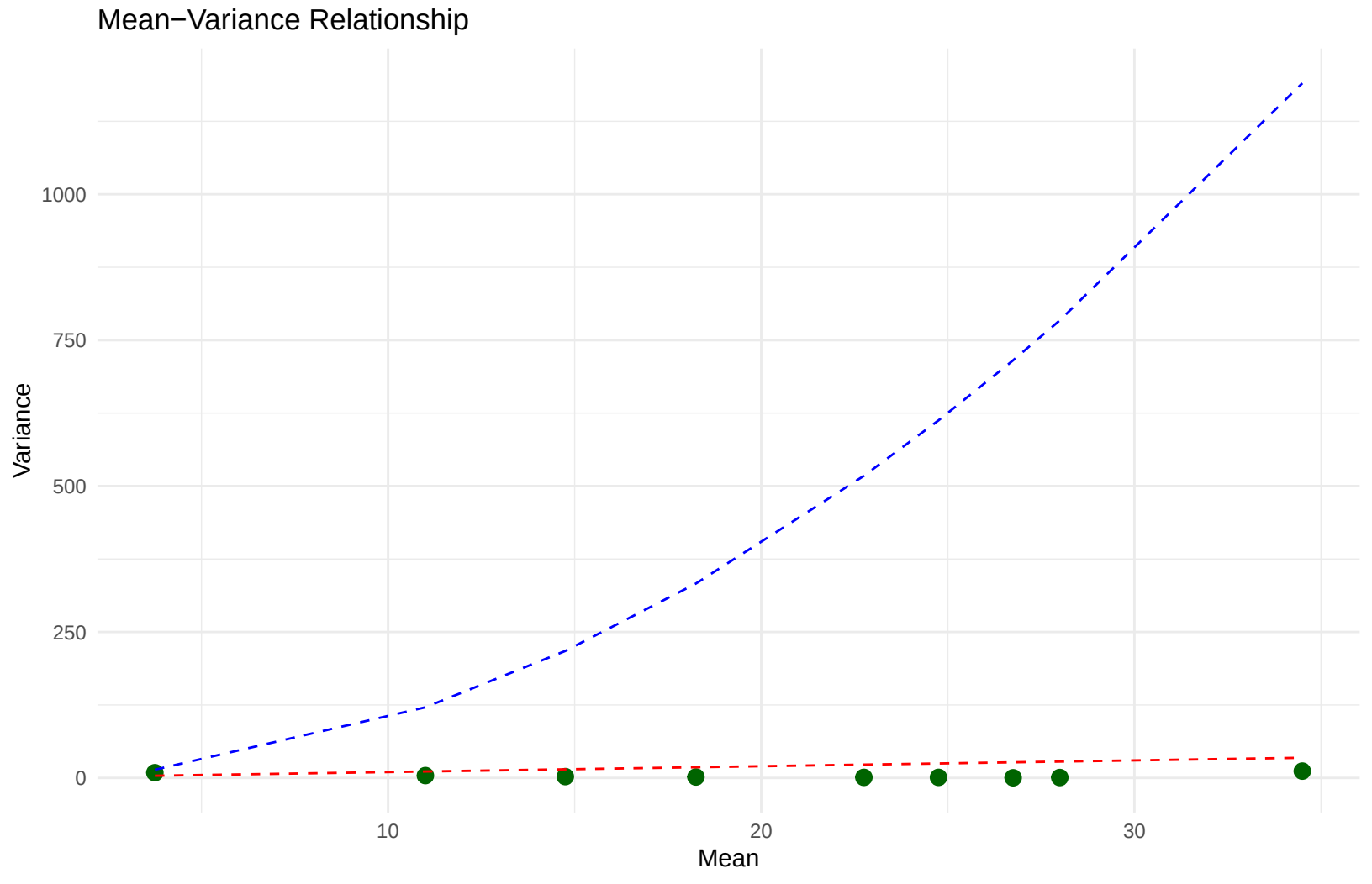

Distribution of woods_sum
Zeros: 0.0%
Mean: 17.98
Var: 63.31
Var/Mean: 3.52
0.12
0.08
0.04
0.00
Density
0
10
20
30
Value


Mean−Variance Relationship
750
500
250
0
Variance
10
20
30
Mean

GLM Recommendations for: woods_sum

PRIMARY: Negative Binomial


Distribution of dsq_sum
Zeros: 12.5%
Mean: 18.45
Var: 115.38
Var/Mean: 6.25
Density
0.12
0.09
0.06
0.03
0.00
0
10
20
30
40
Value


Mean−Variance Relationship
Variance
1000
750
500
250
0
10
20
30
Mean

GLM Recommendations for: dsq_sum

PRIMARY: Negative Binomial

SECONDARY: Strong overdispersion