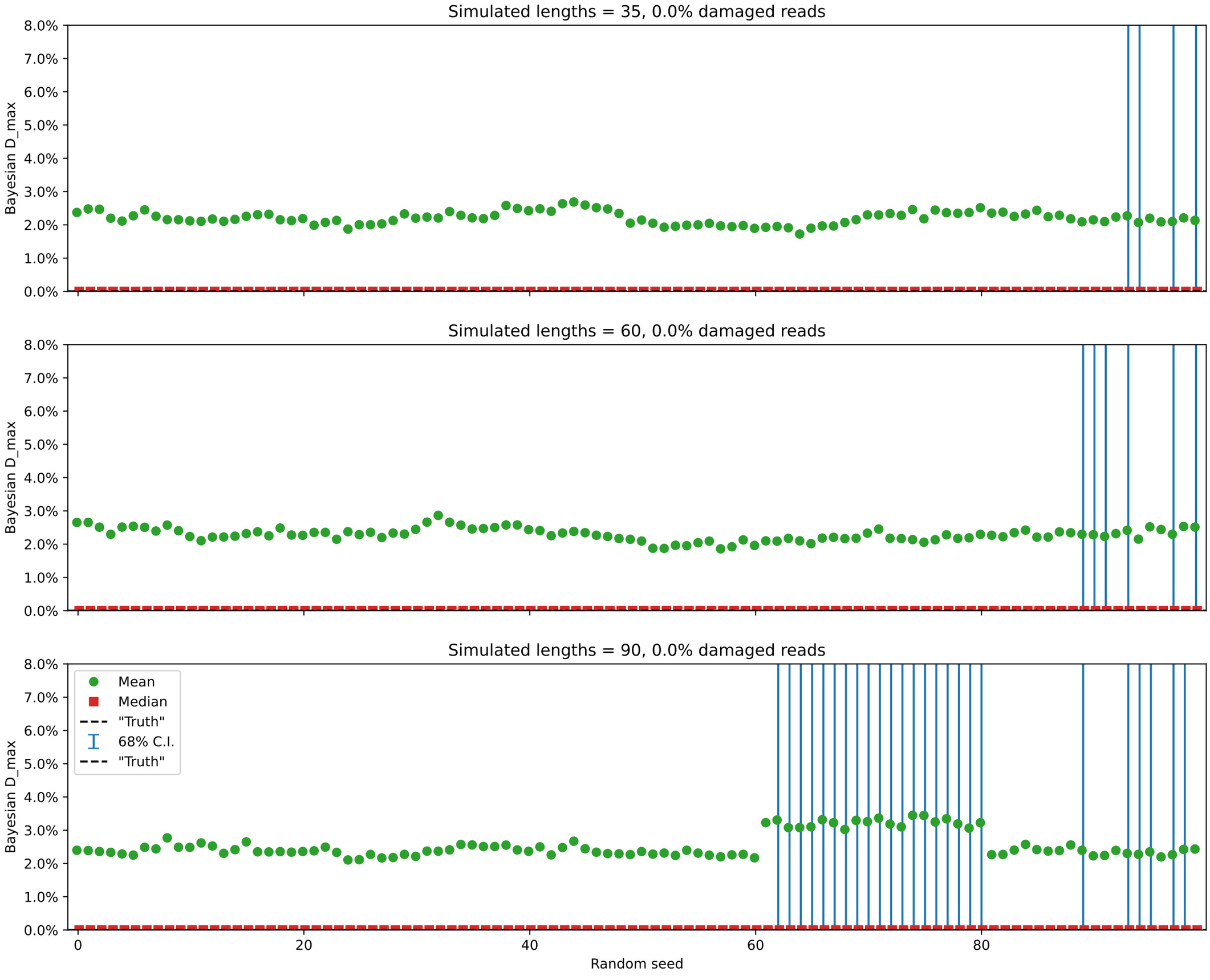
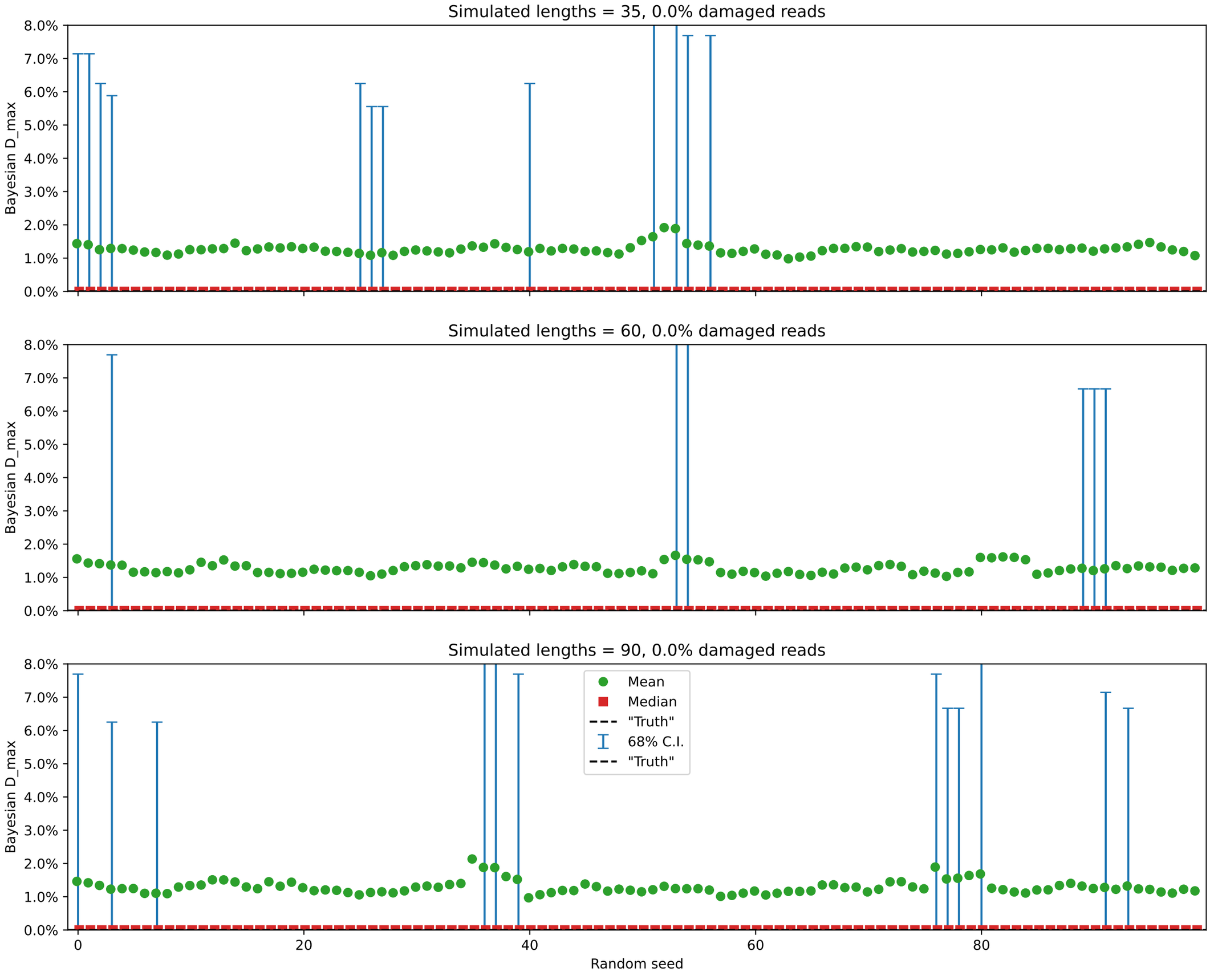
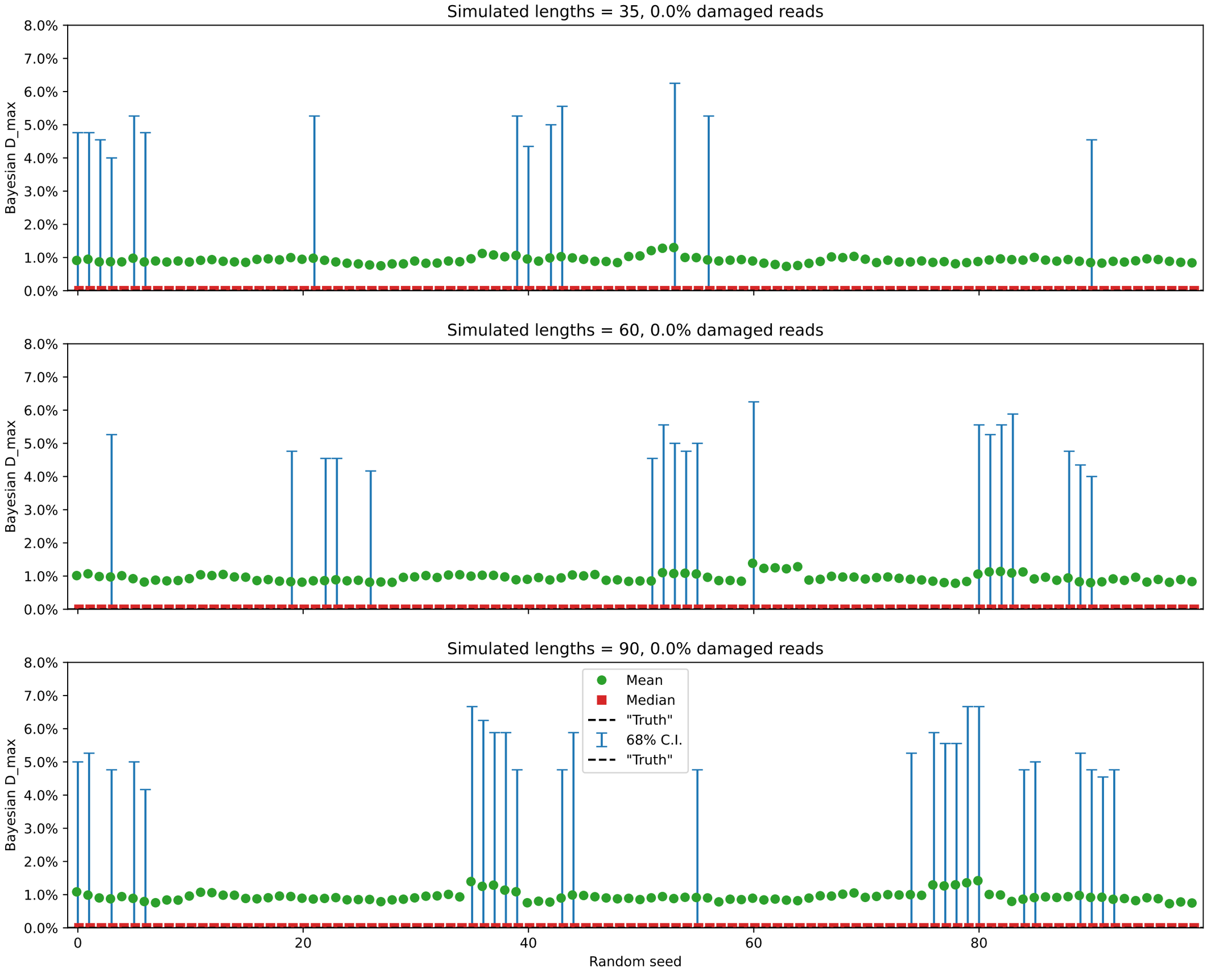
Species: homo
25 reads
sim_damage = 0.0, damage = 0.00%



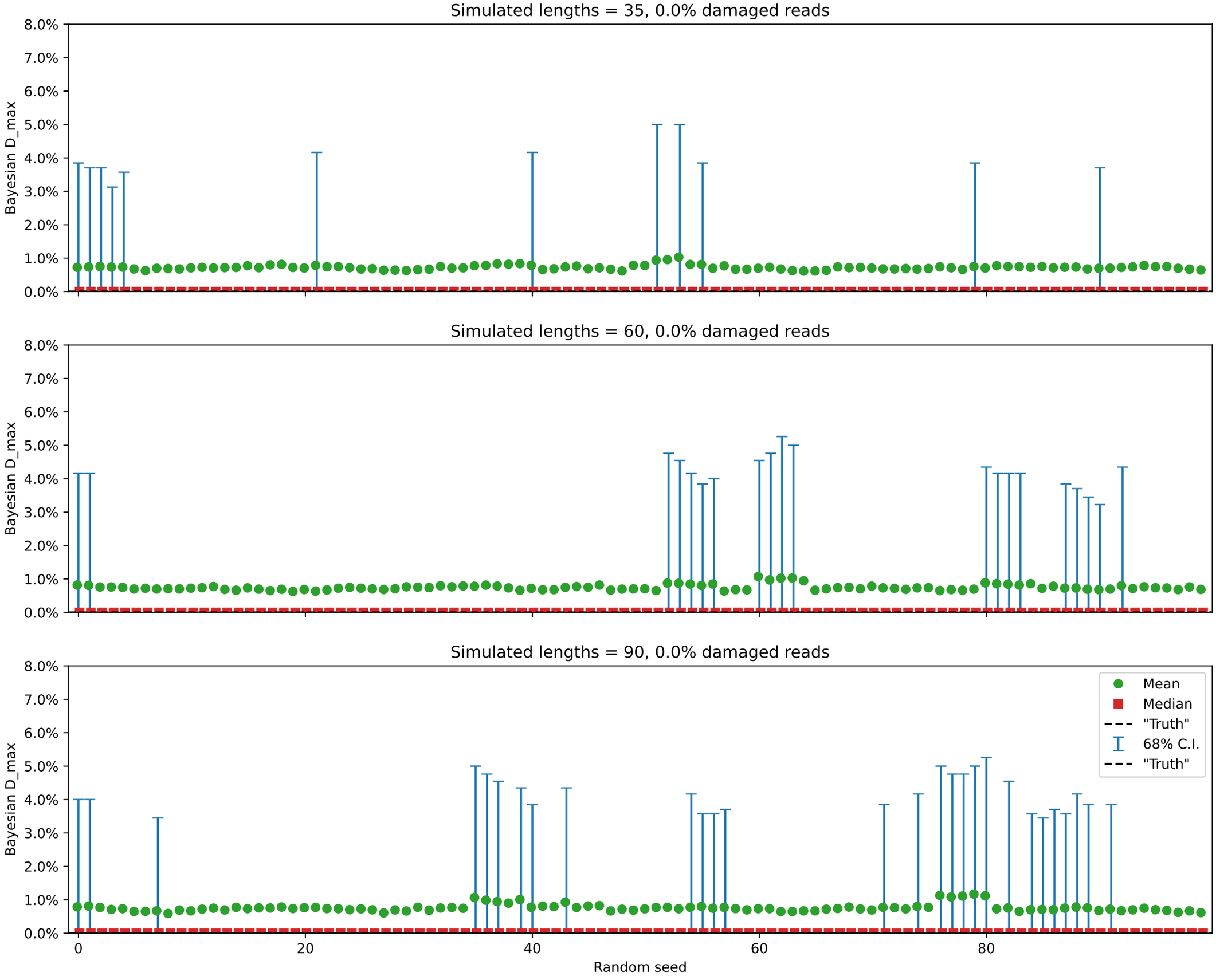
Species: homo
50 reads
sim_damage = 0.0, damage = 0.00%



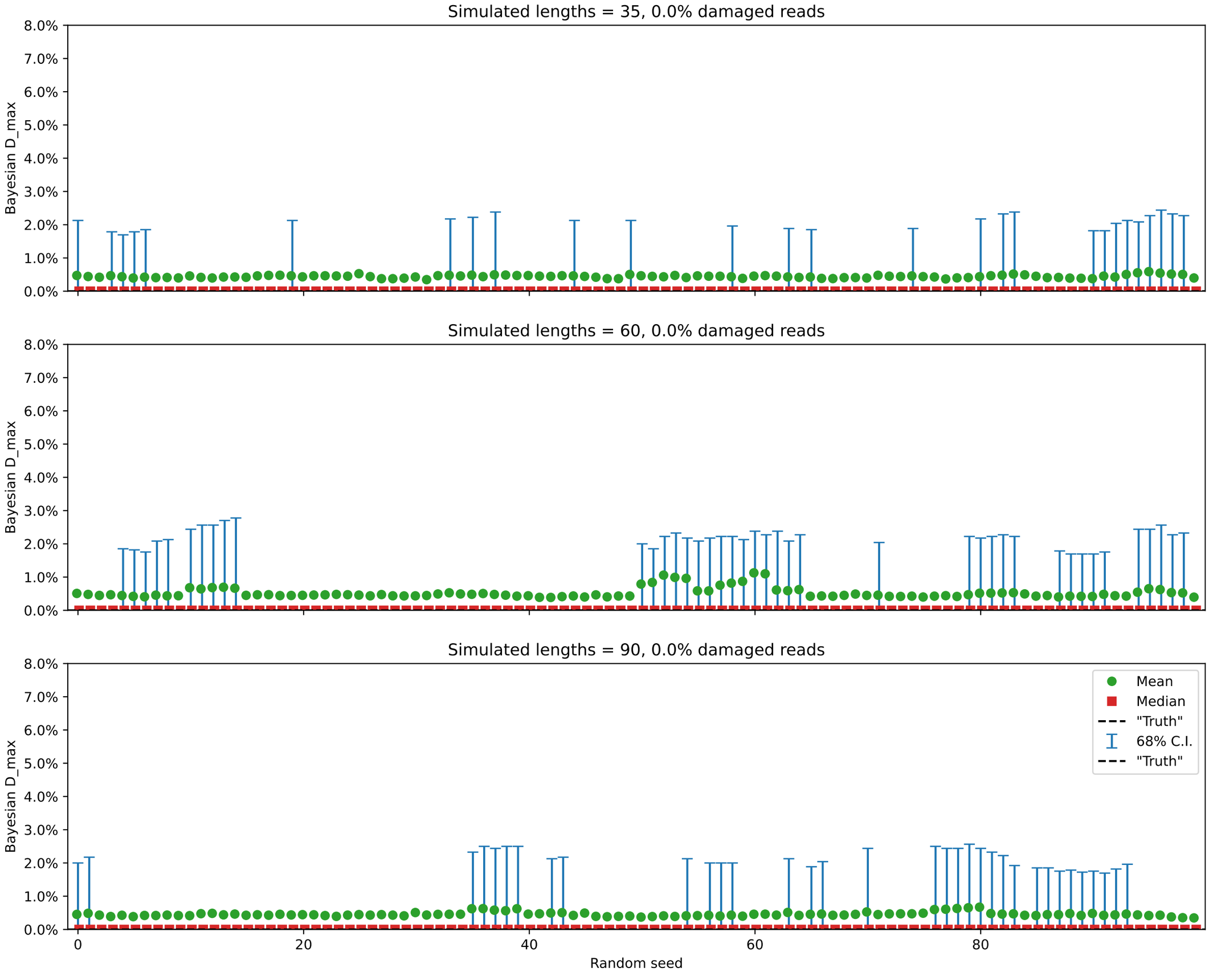
Species: homo
75 reads
sim_damage = 0.0, damage = 0.00%



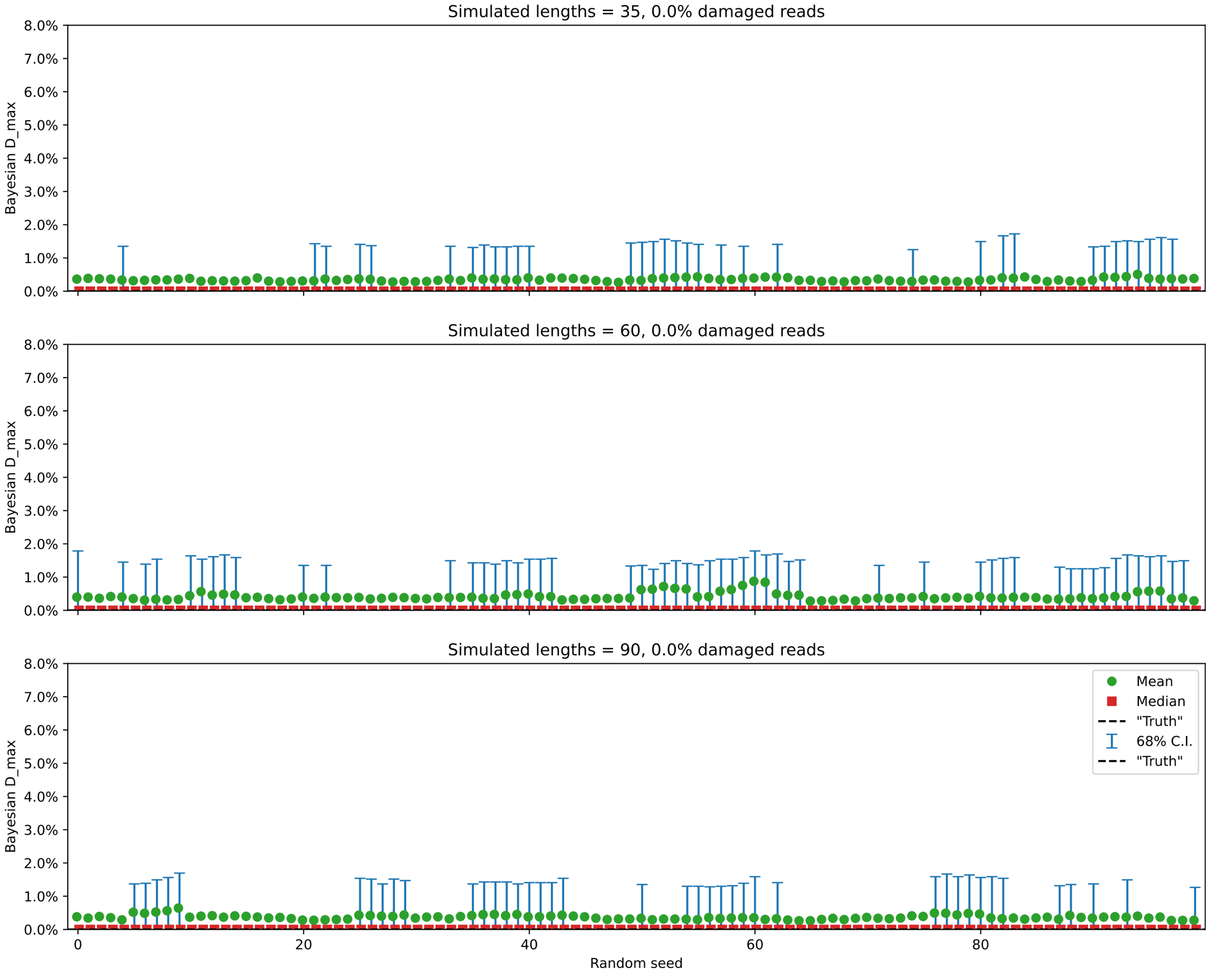
Species: homo
100 reads
sim_damage = 0.0, damage = 0.00%



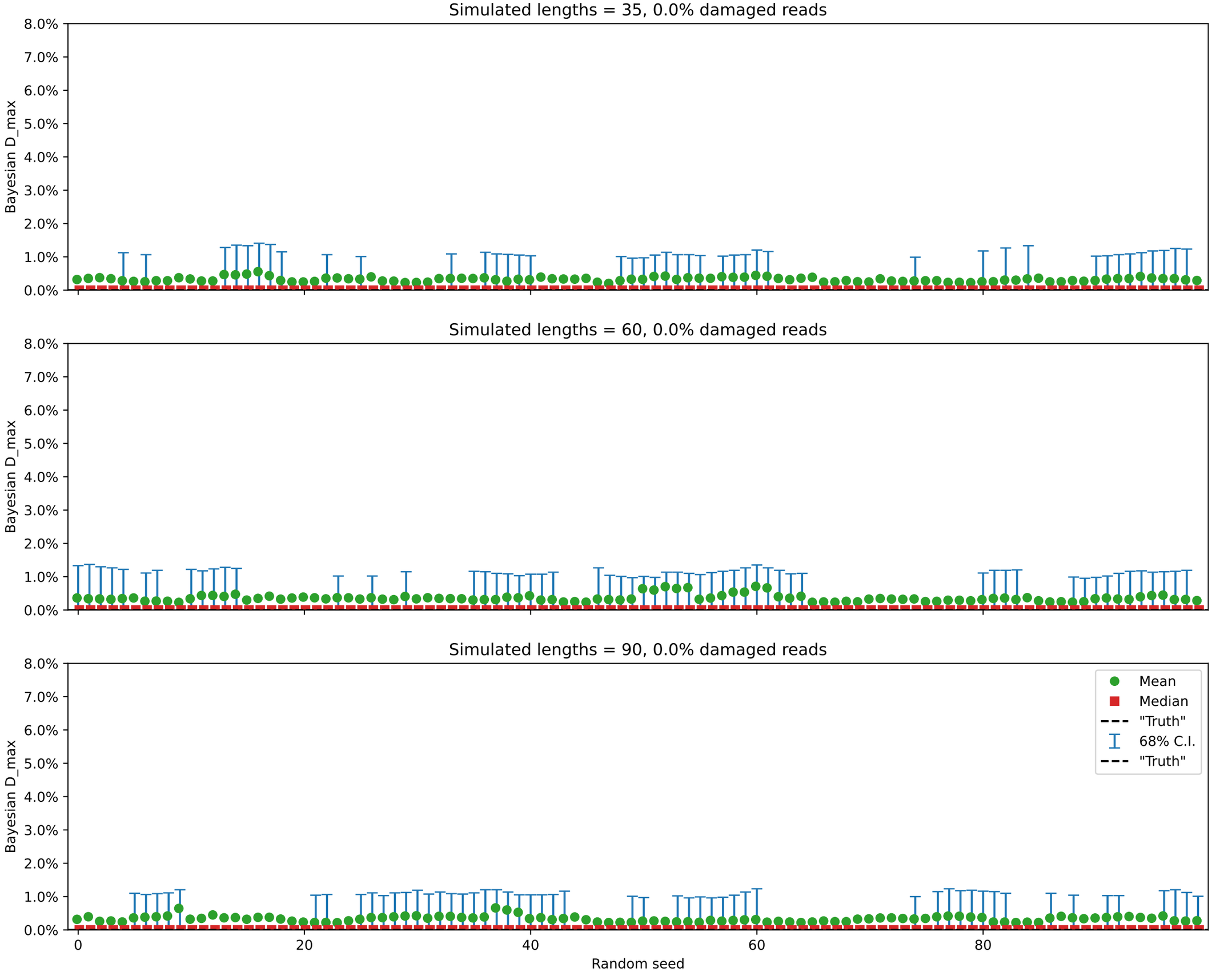
Species: homo
200 reads
sim_damage = 0.0, damage = 0.00%



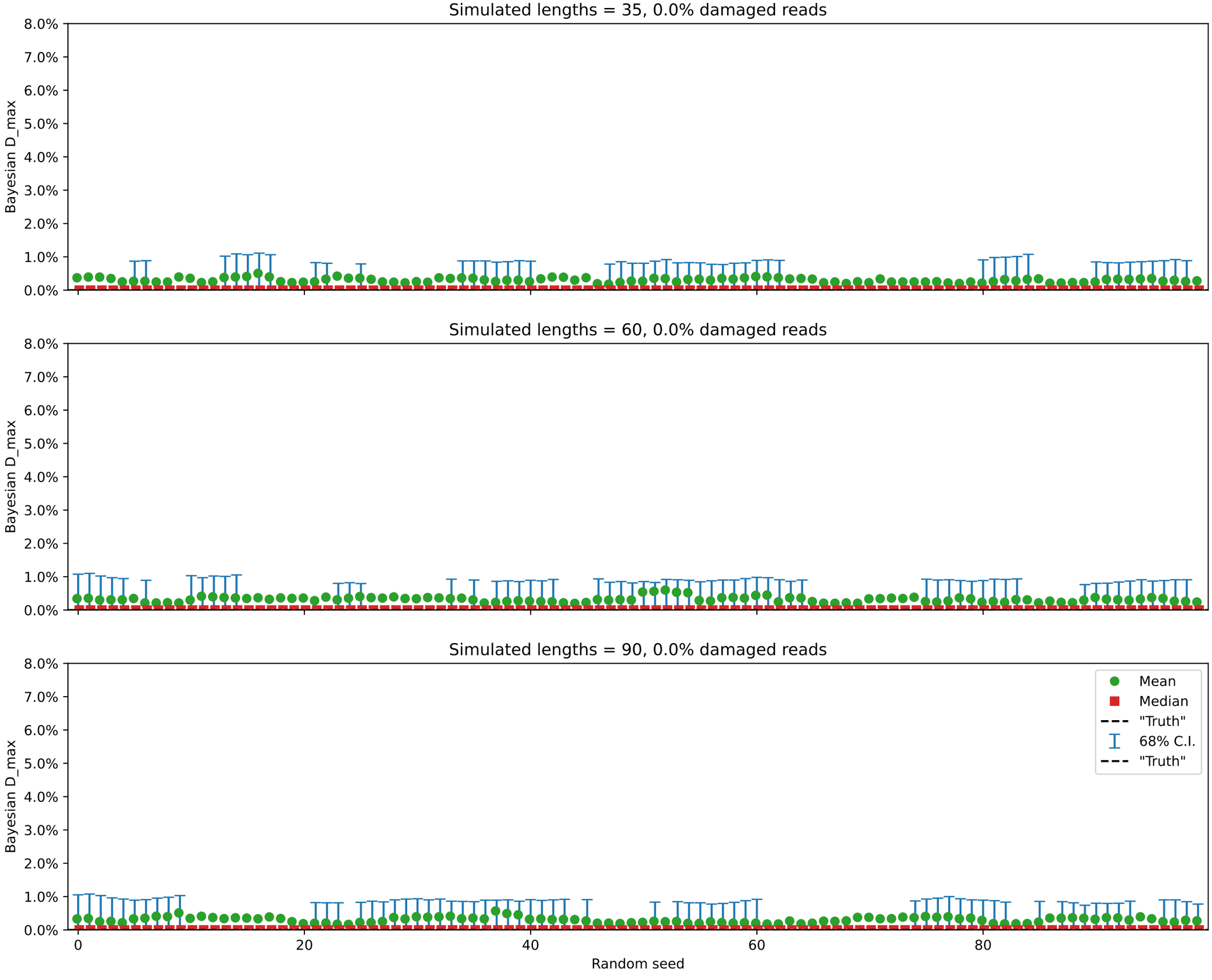
Species: homo
300 reads
sim_damage = 0.0, damage = 0.00%



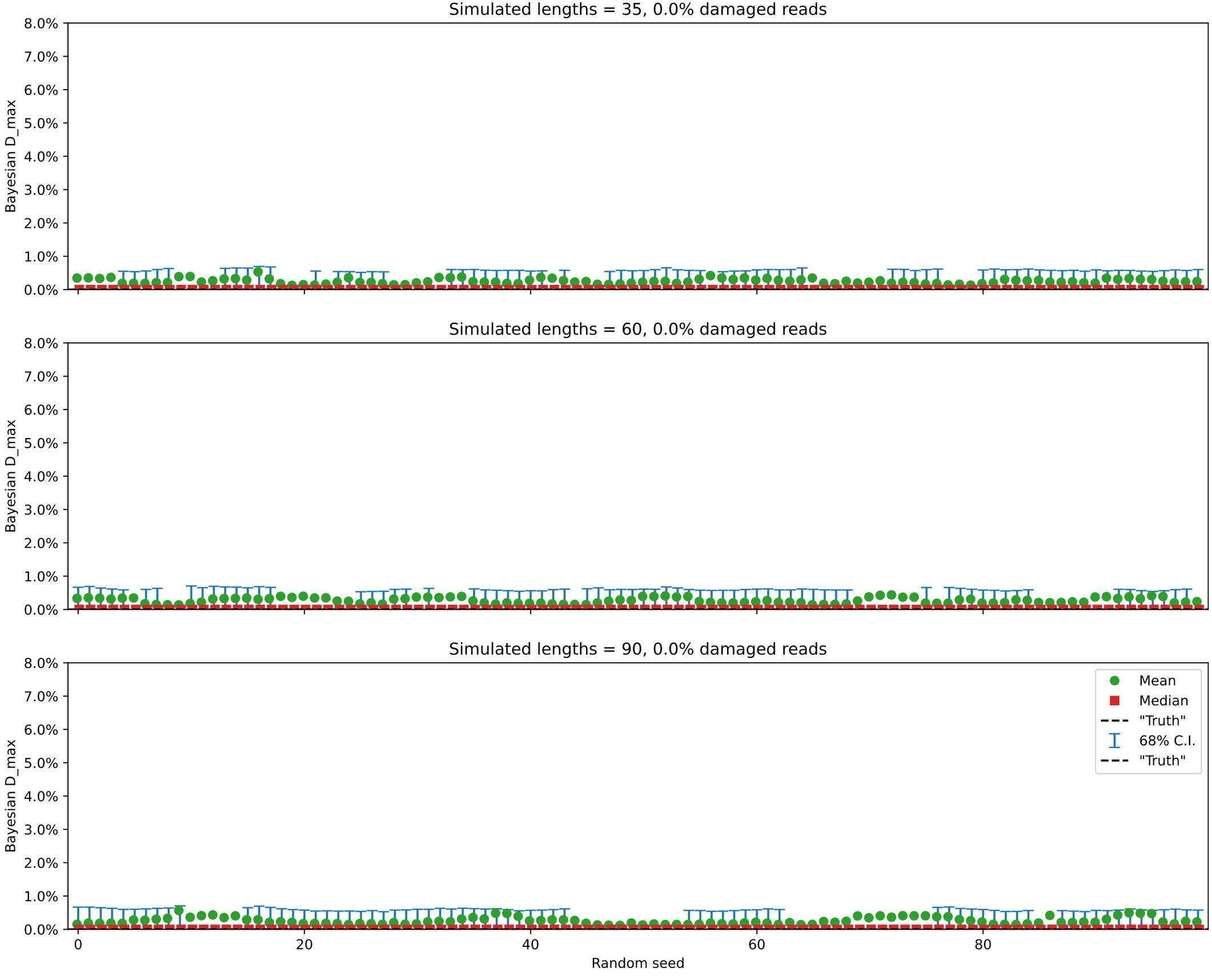
Species: homo
400 reads
sim_damage = 0.0, damage = 0.00%



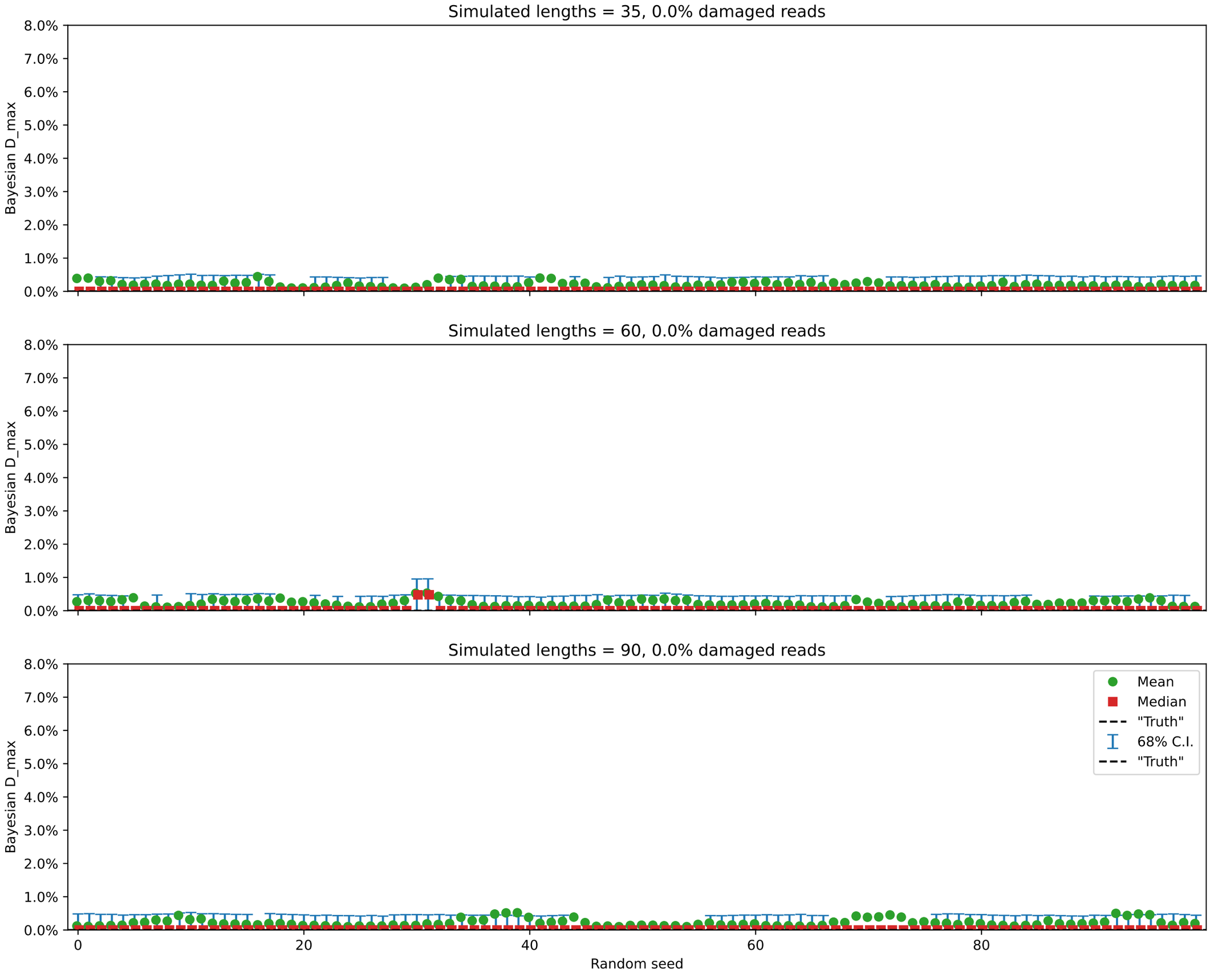
Species: homo
500 reads
sim_damage = 0.0, damage = 0.00%



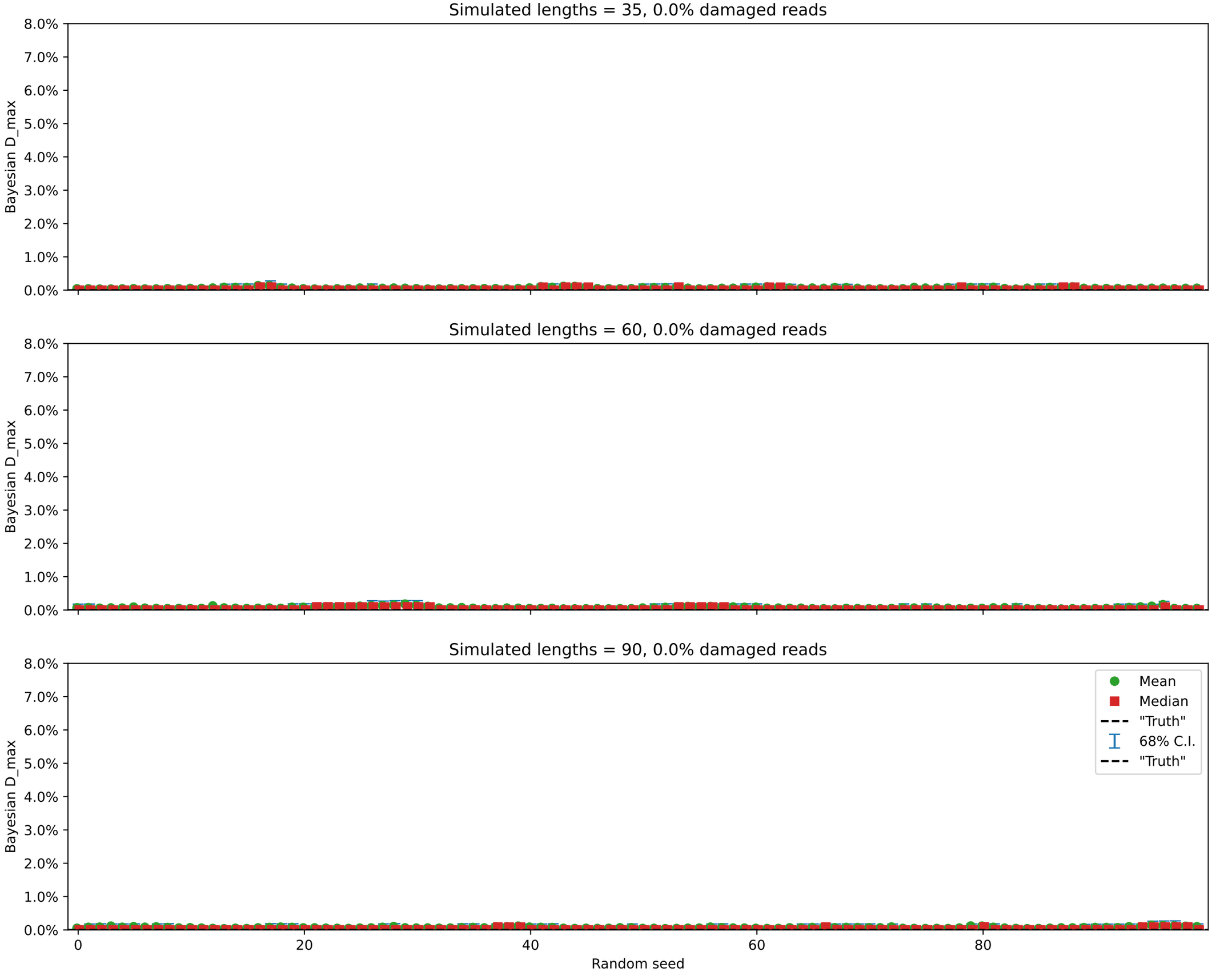
Species: homo
750 reads
sim_damage = 0.0, damage = 0.00%



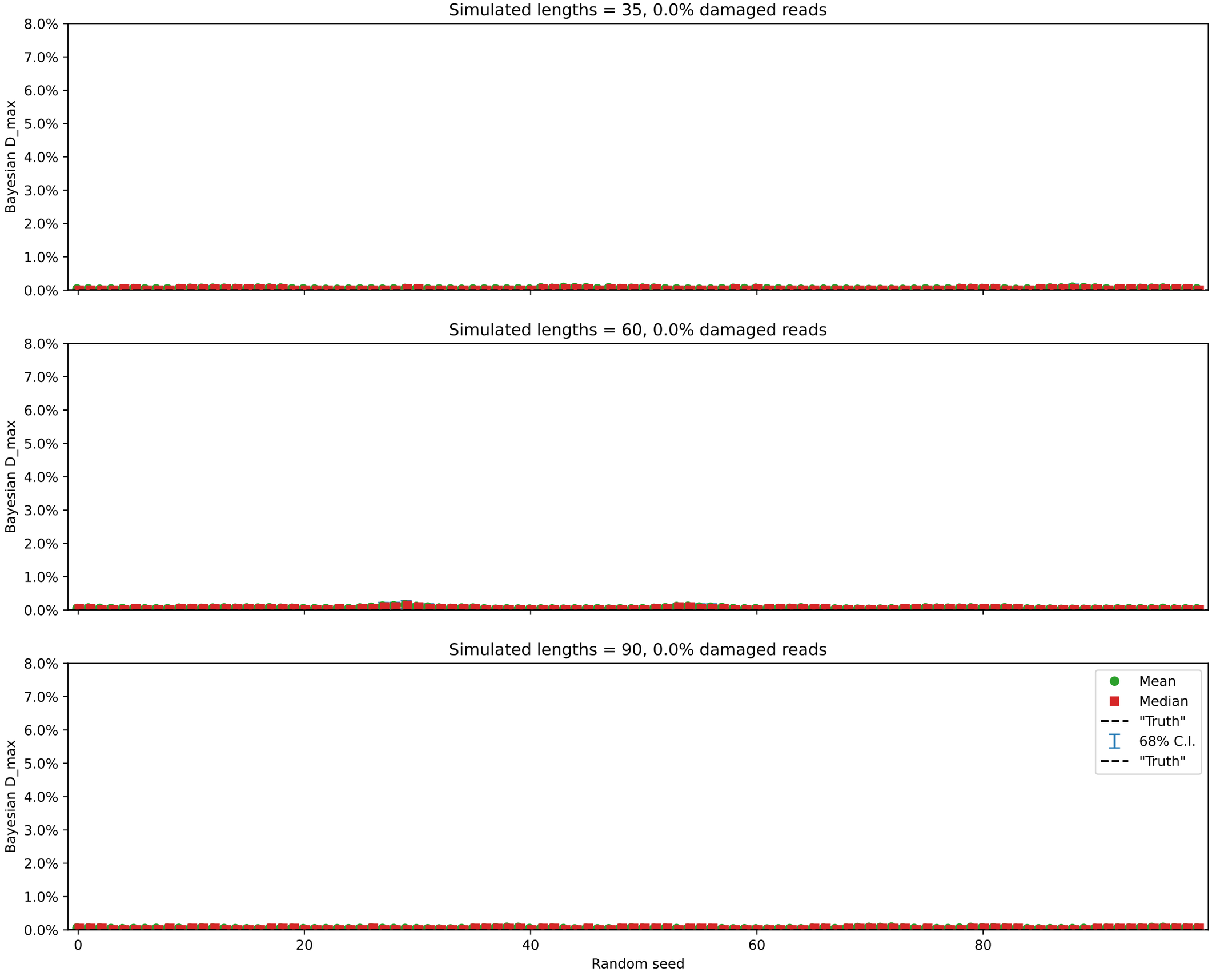
Species: homo
1000 reads
sim_damage = 0.0, damage = 0.00%



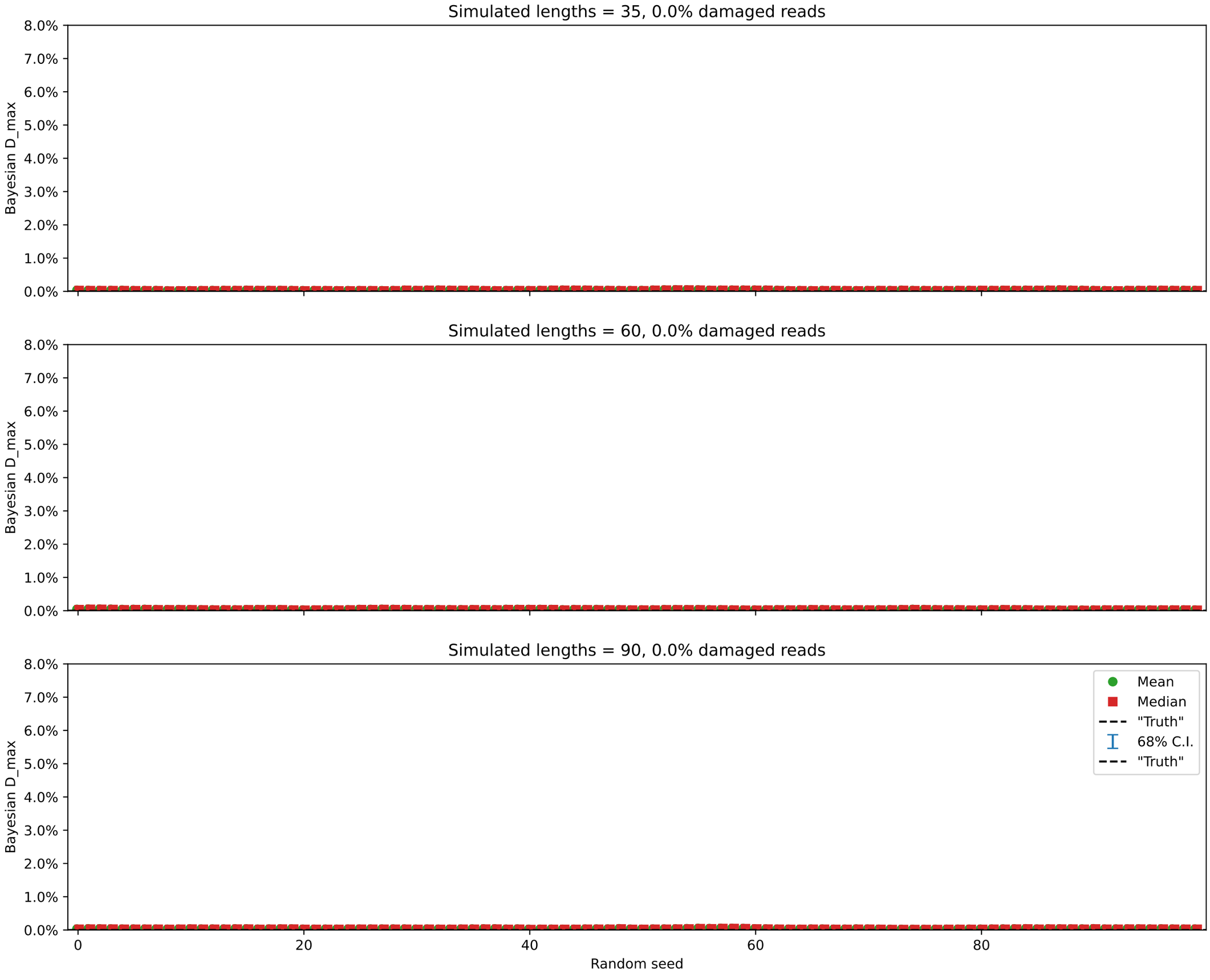
Species: homo
5000 reads
sim_damage = 0.0, damage = 0.00%



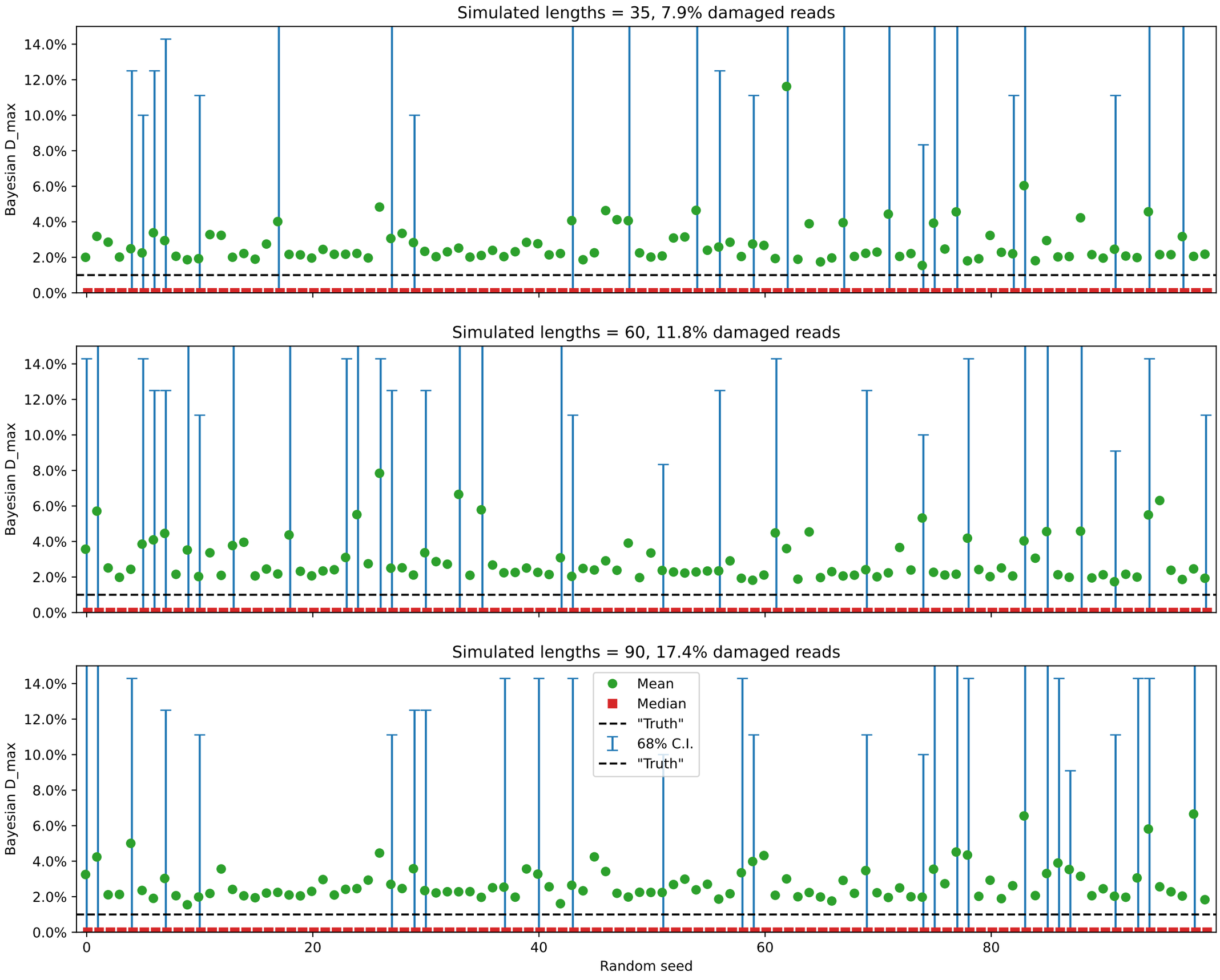
Species: homo
10000 reads
sim_damage = 0.0, damage = 0.00%



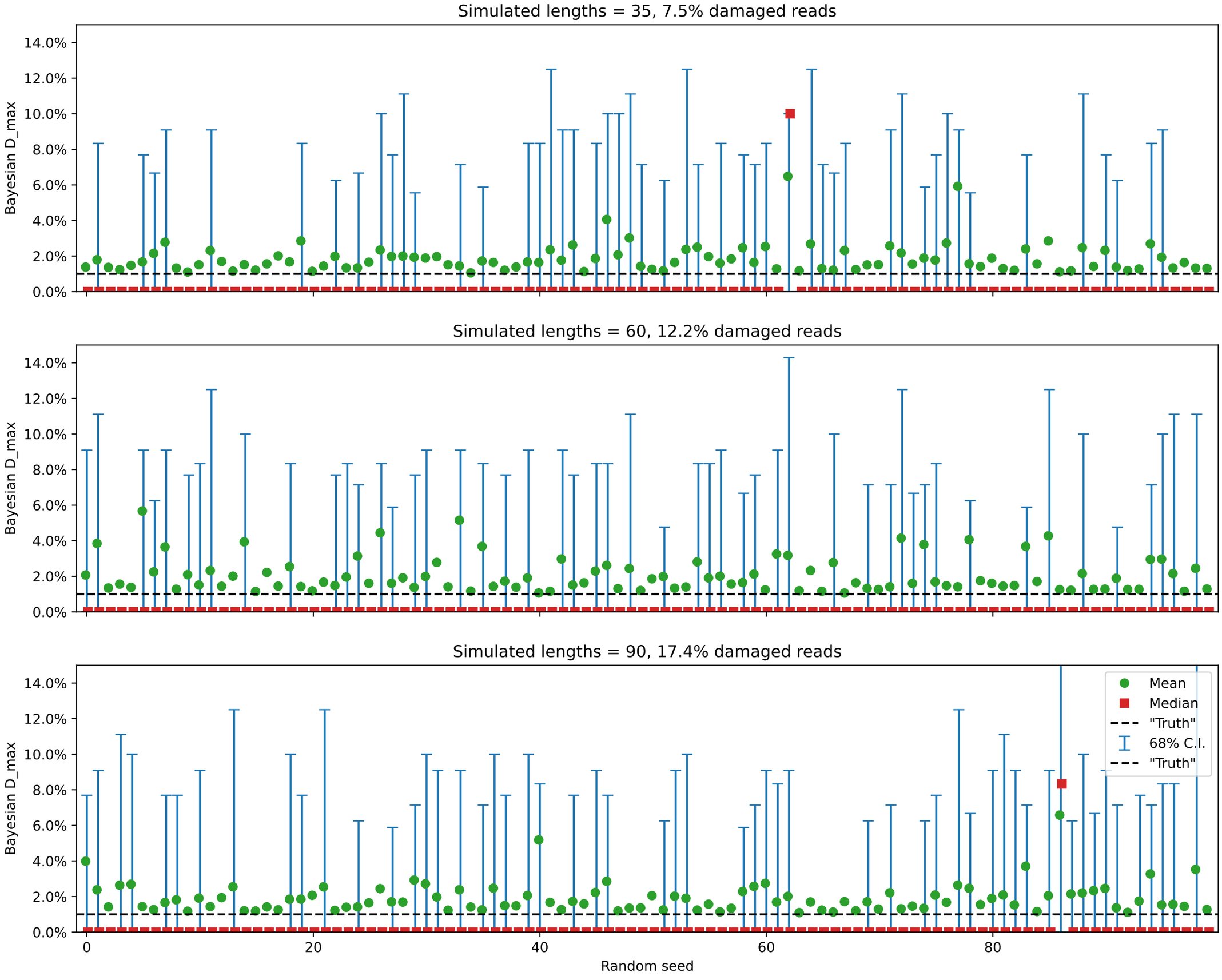
Species: homo
100000 reads
sim_damage = 0.0, damage = 0.00%



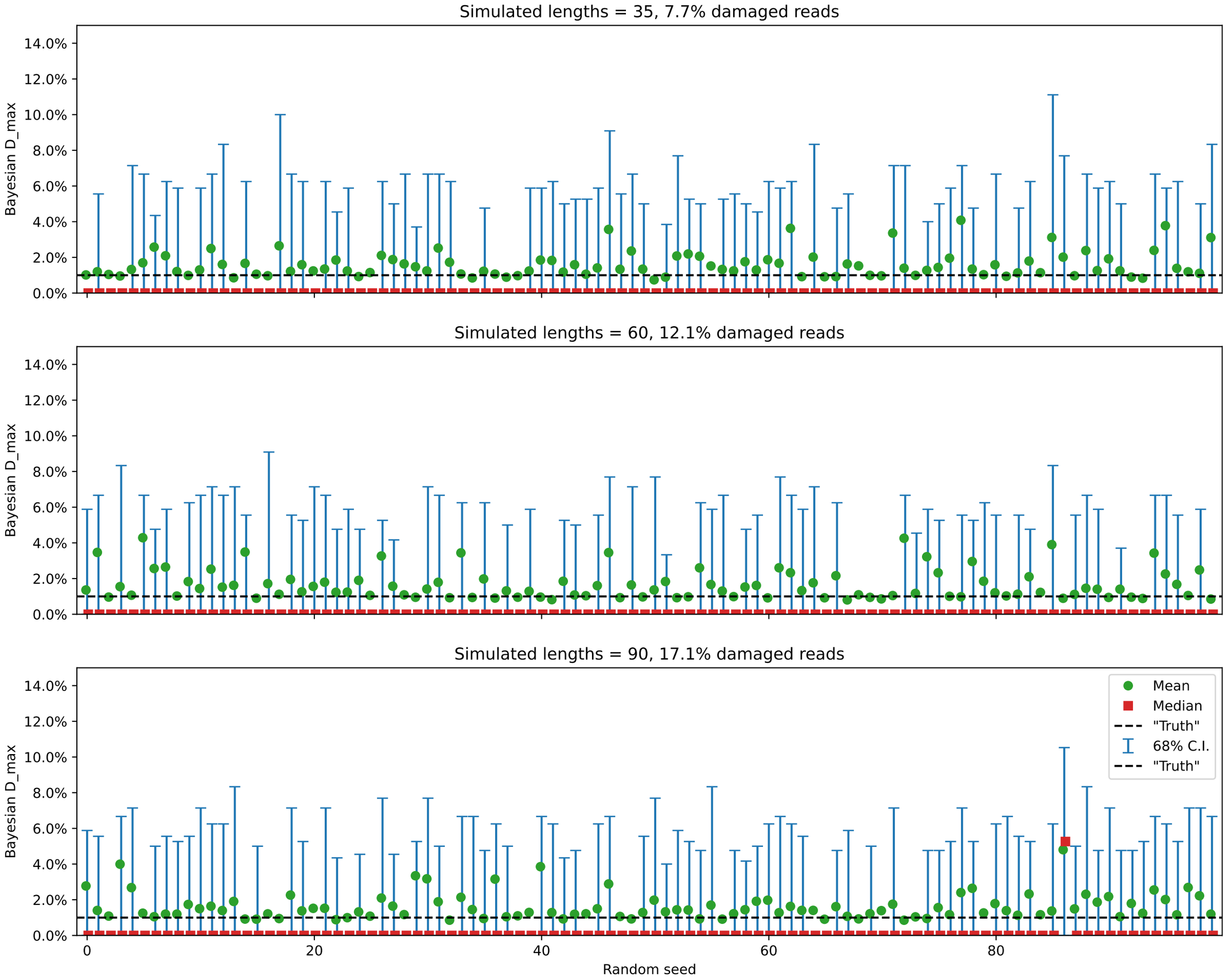
Species: homo
25 reads
sim_damage = 0.014, damage = 1.00%



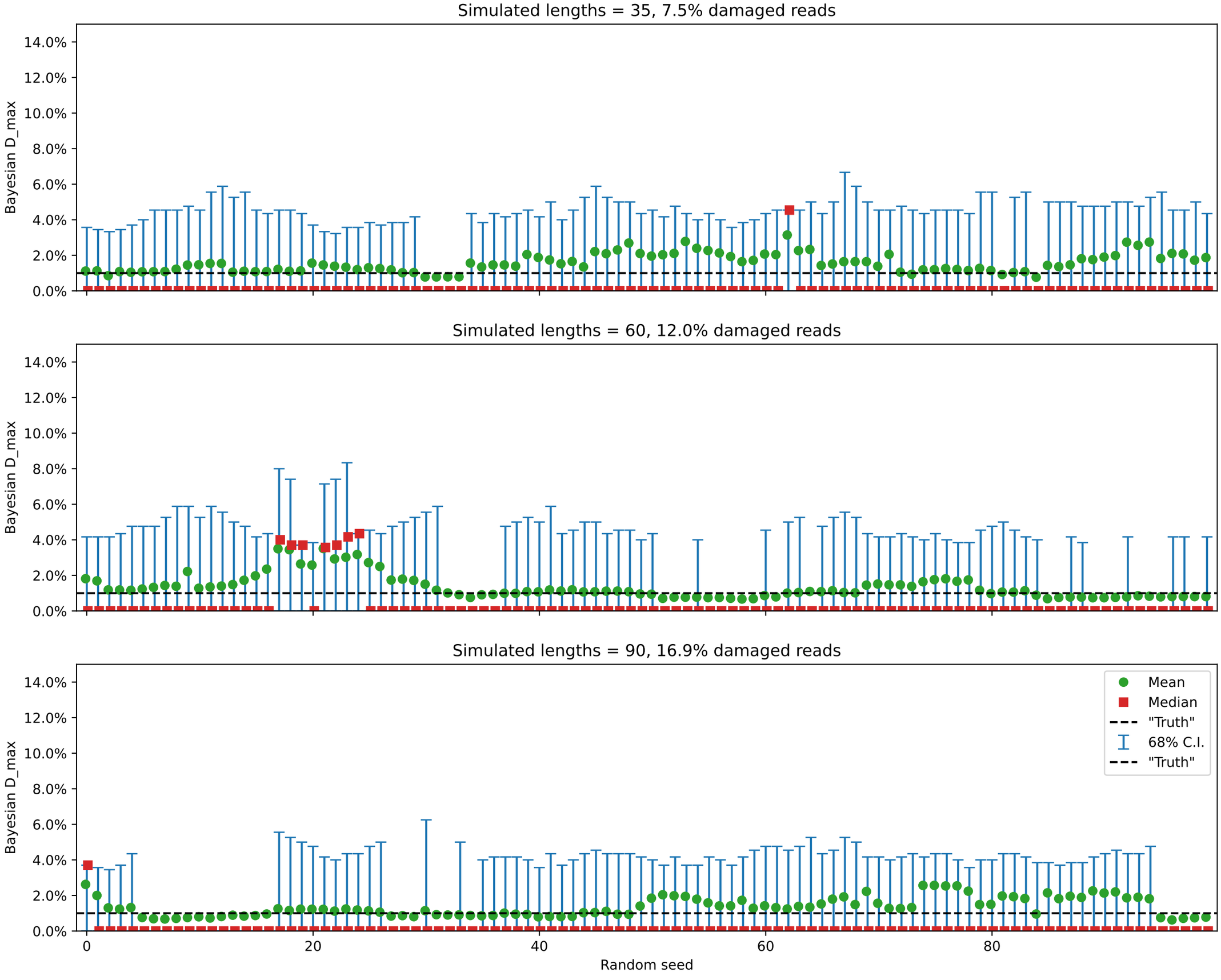
Species: homo
50 reads
sim_damage = 0.014, damage = 1.00%



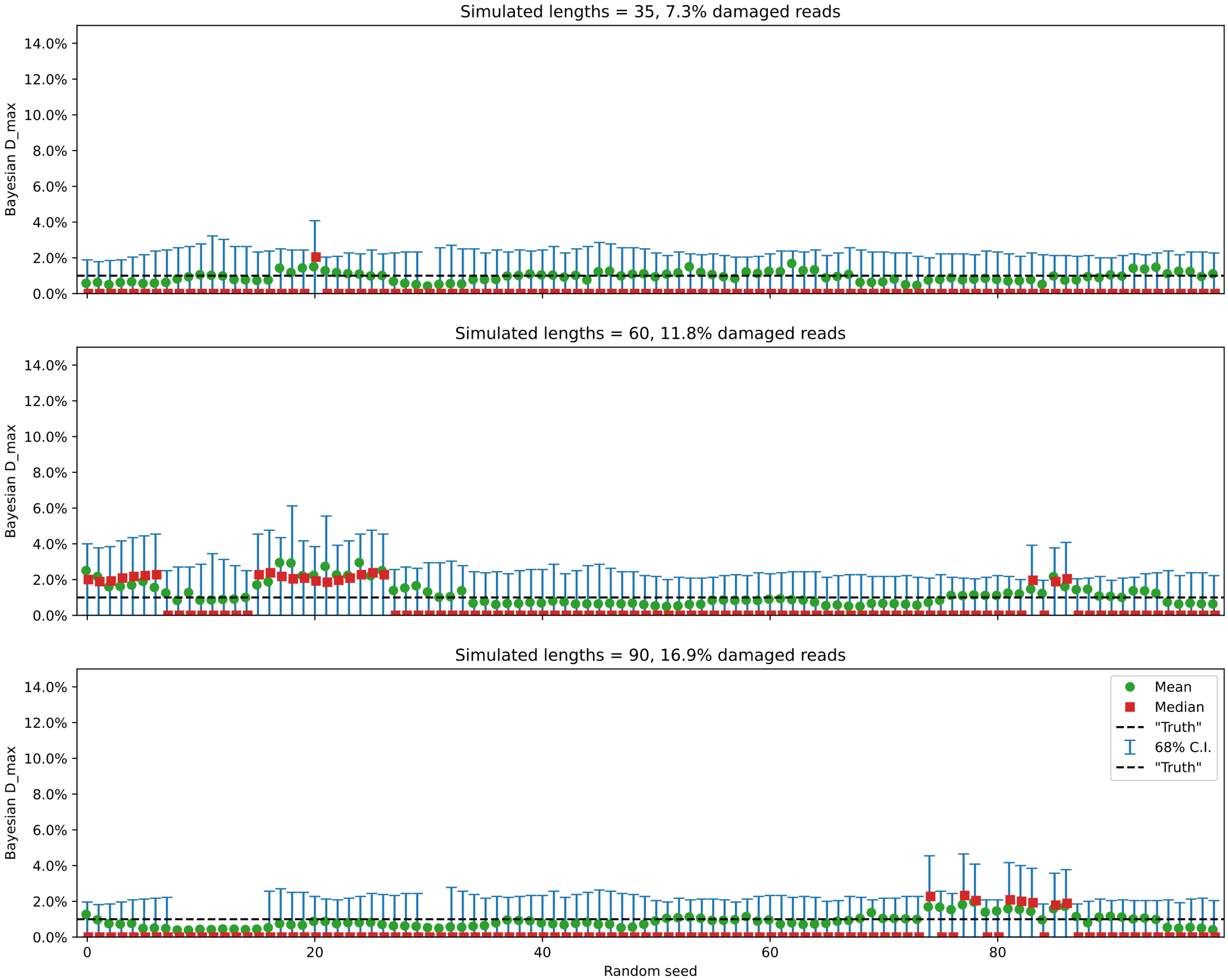
Species: homo
75 reads
sim_damage = 0.014, damage = 1.00%



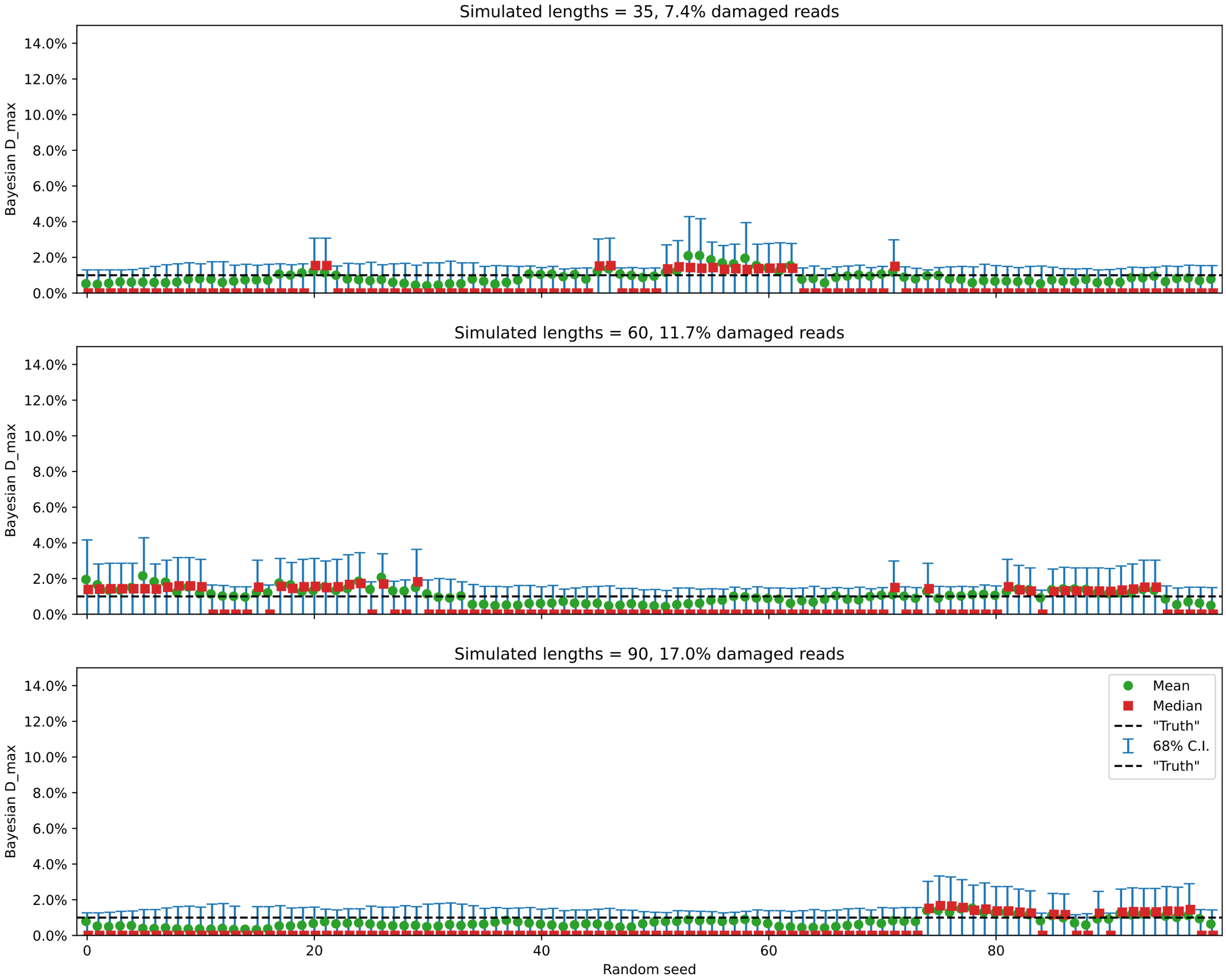
Species: homo
100 reads
sim_damage = 0.014, damage = 1.00%



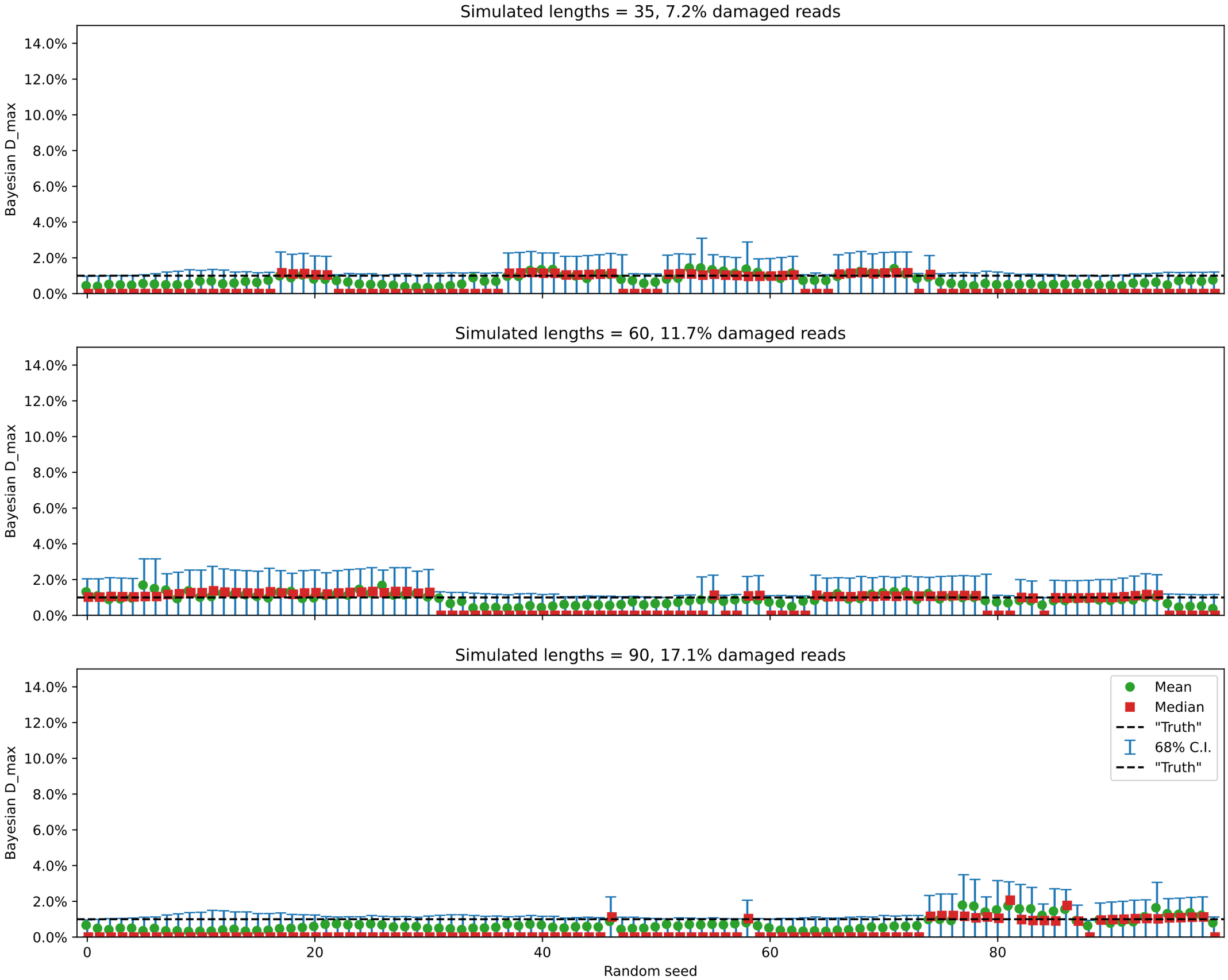
Species: homo
200 reads
sim_damage = 0.014, damage = 1.00%



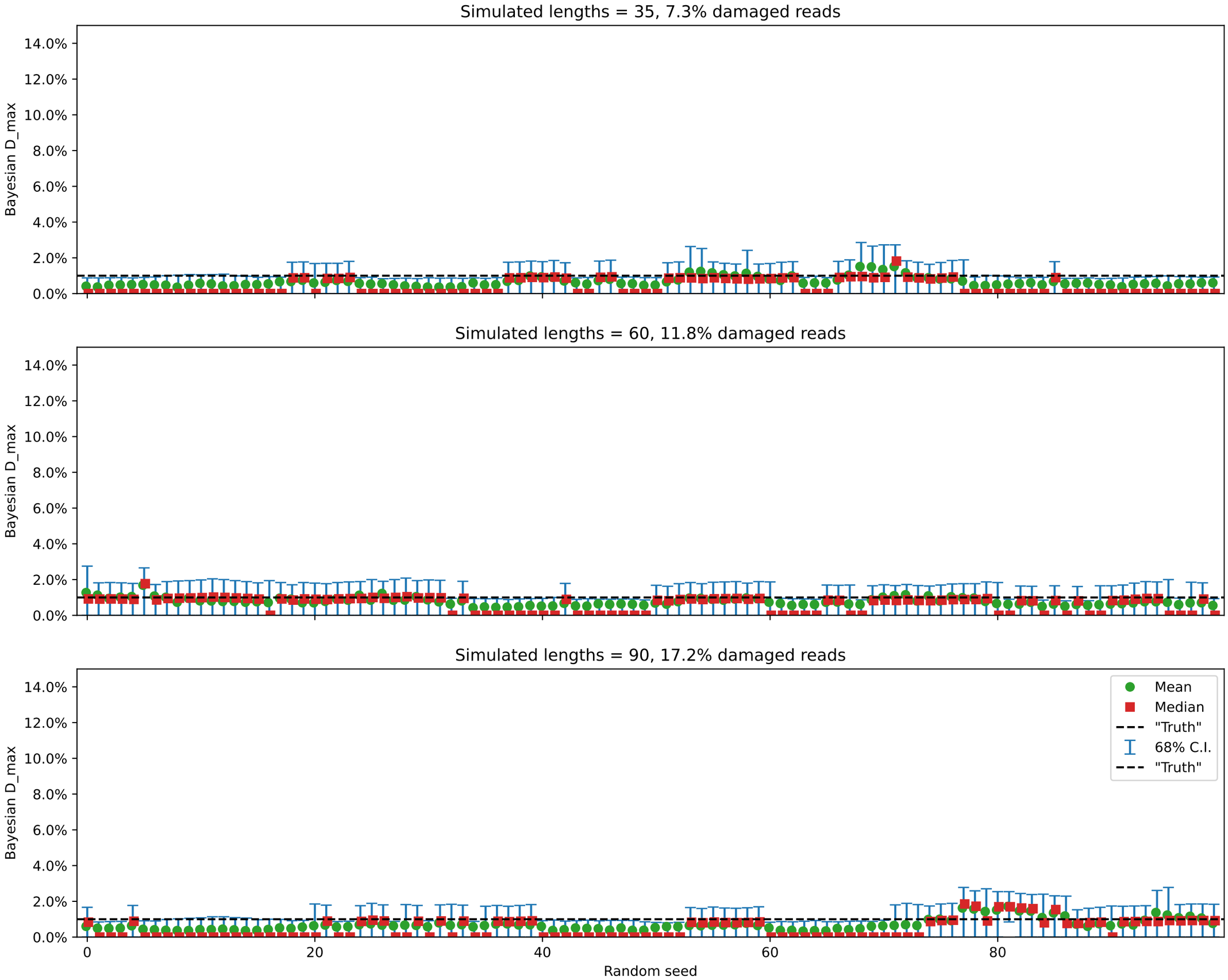
Species: homo
300 reads
sim_damage = 0.014, damage = 1.00%



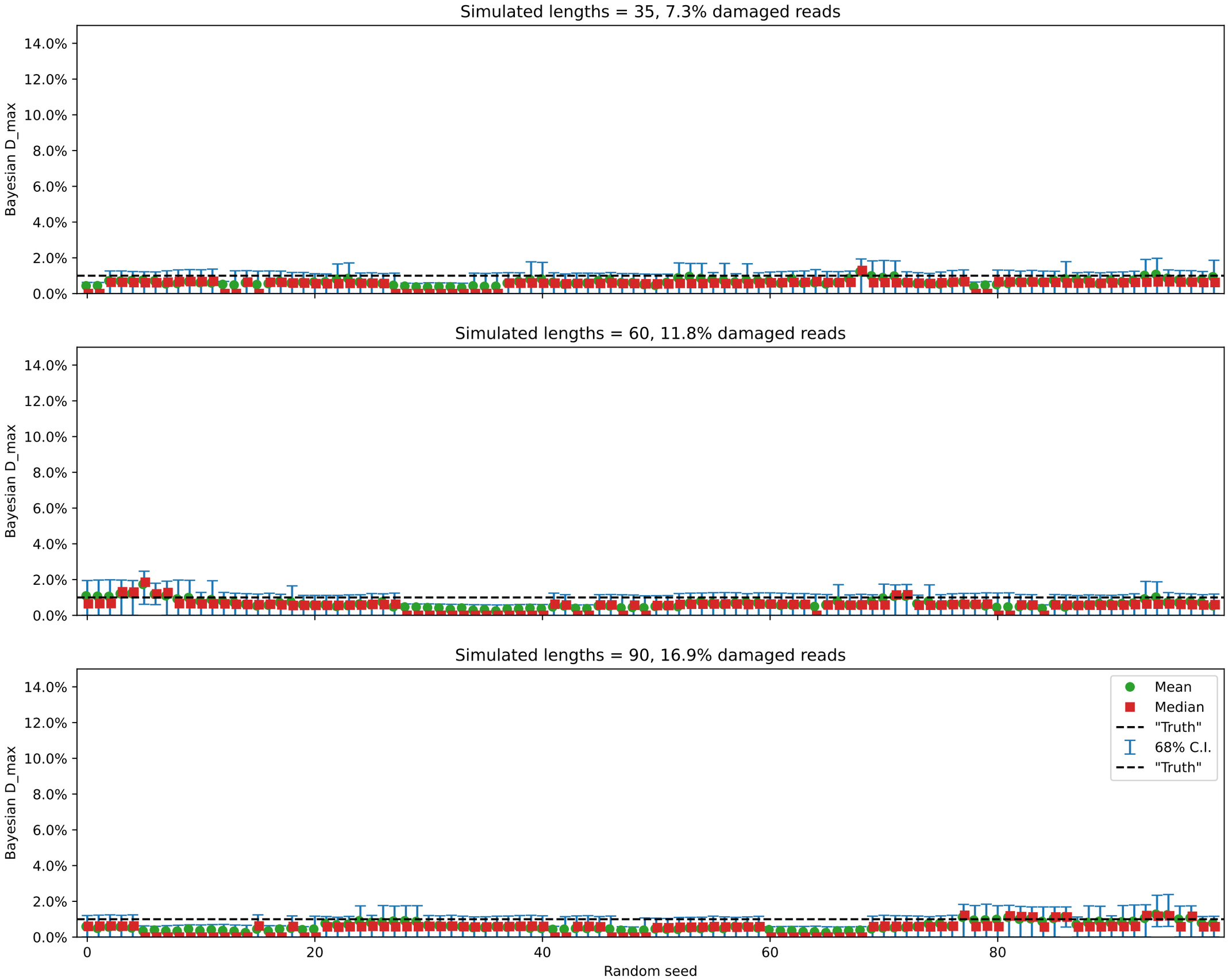
Species: homo
400 reads
sim_damage = 0.014, damage = 1.00%



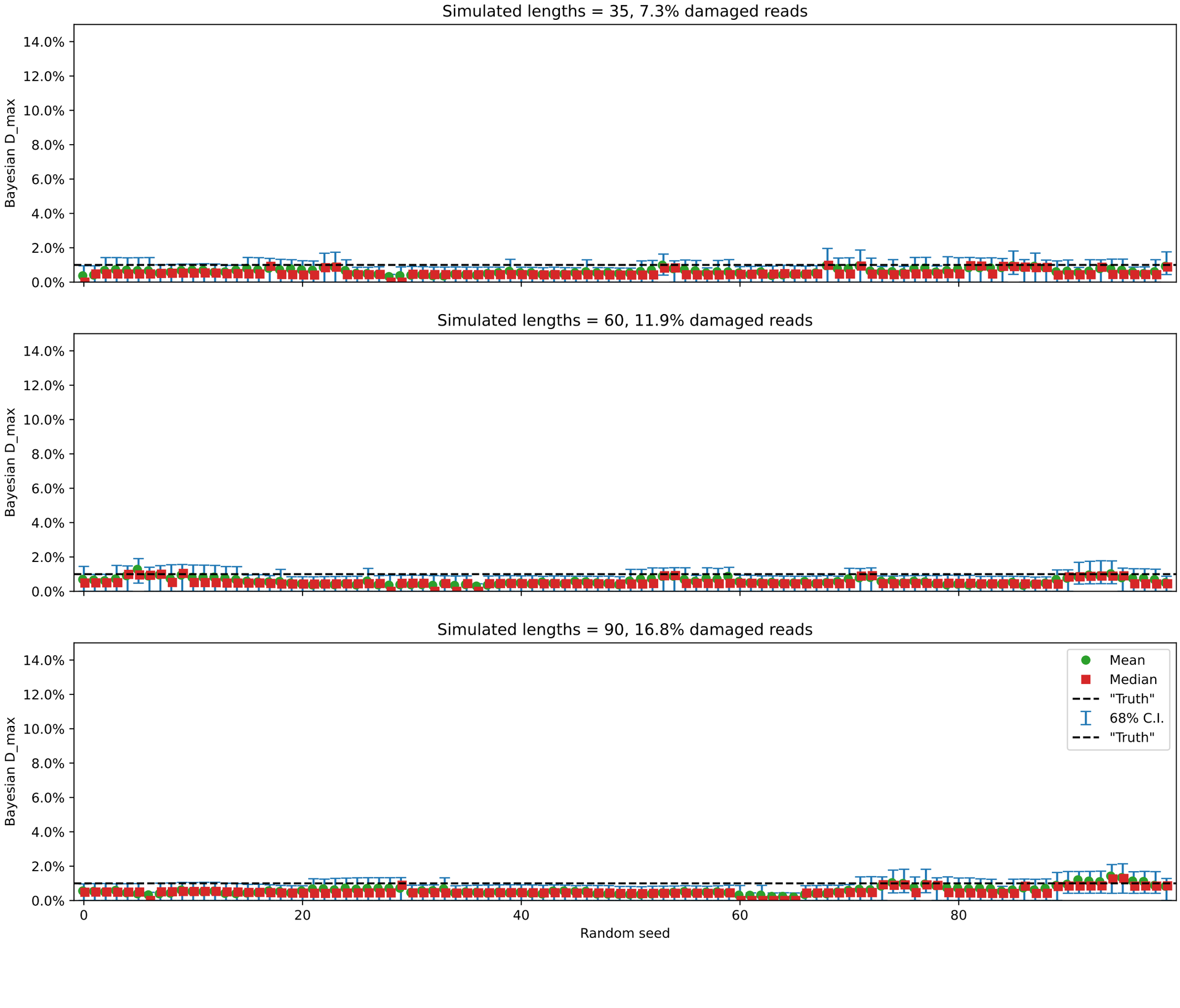
Species: homo
500 reads
sim_damage = 0.014, damage = 1.00%



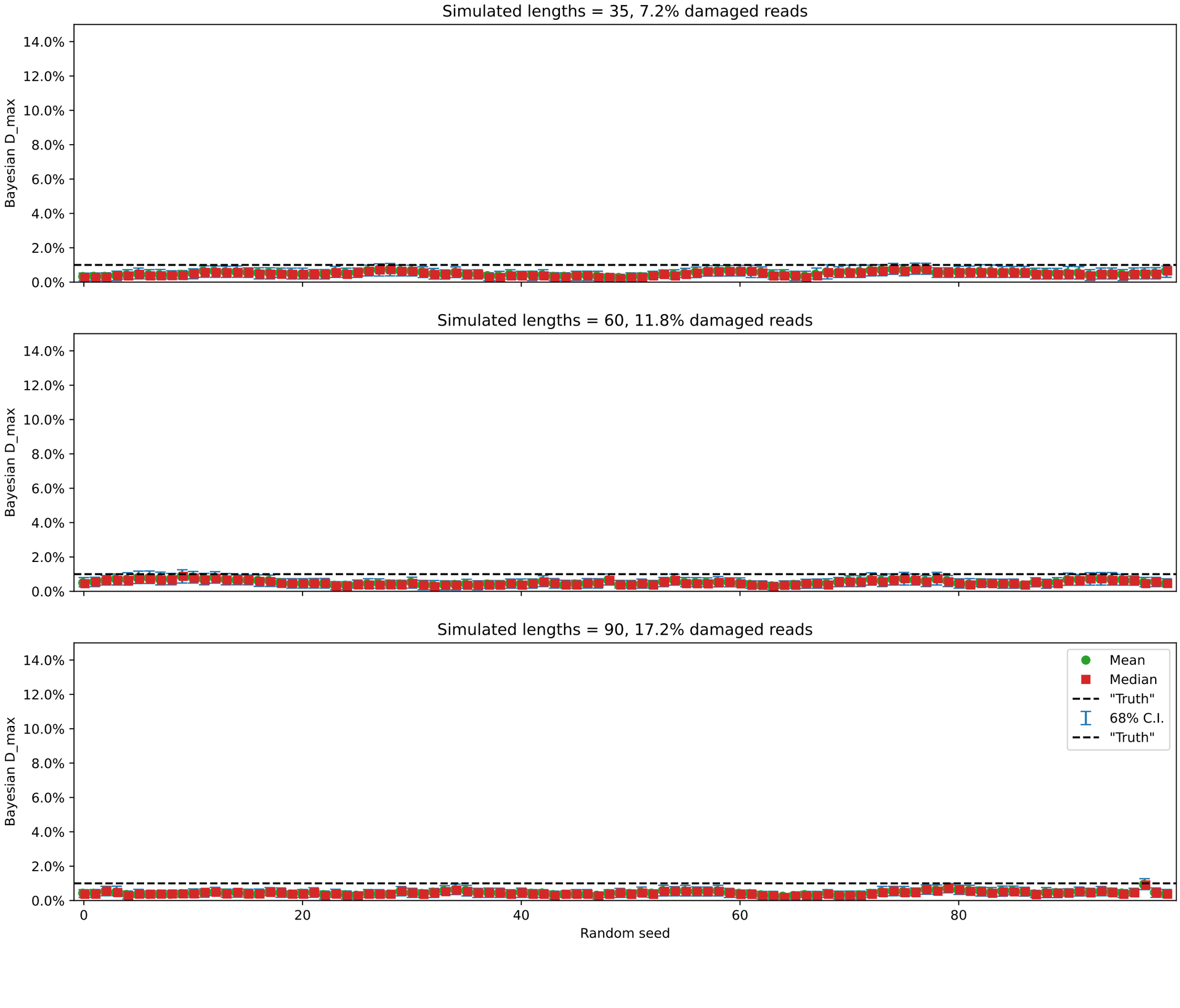
Species: homo
750 reads
sim_damage = 0.014, damage = 1.00%



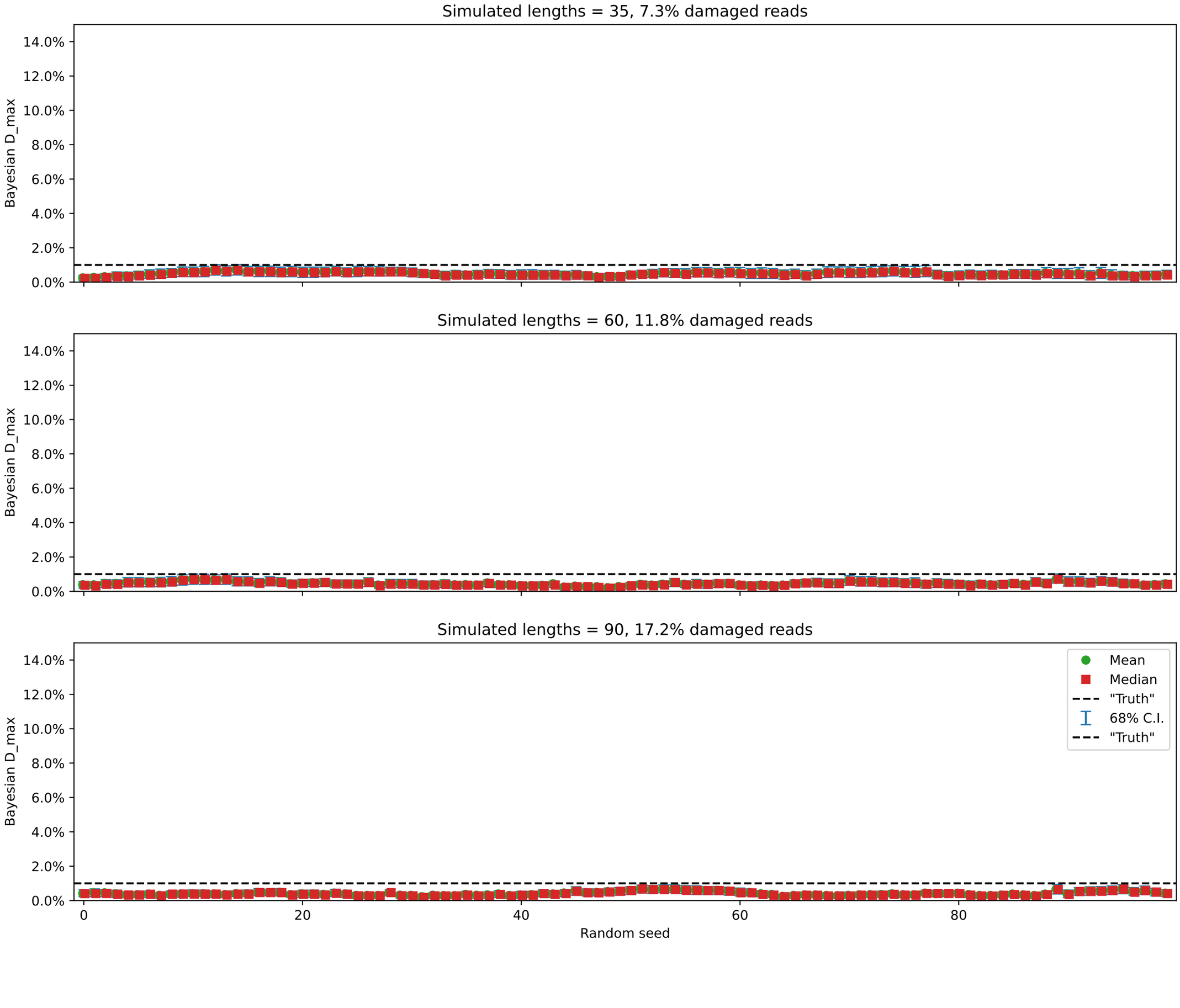
Species: homo
1000 reads
sim_damage = 0.014, damage = 1.00%



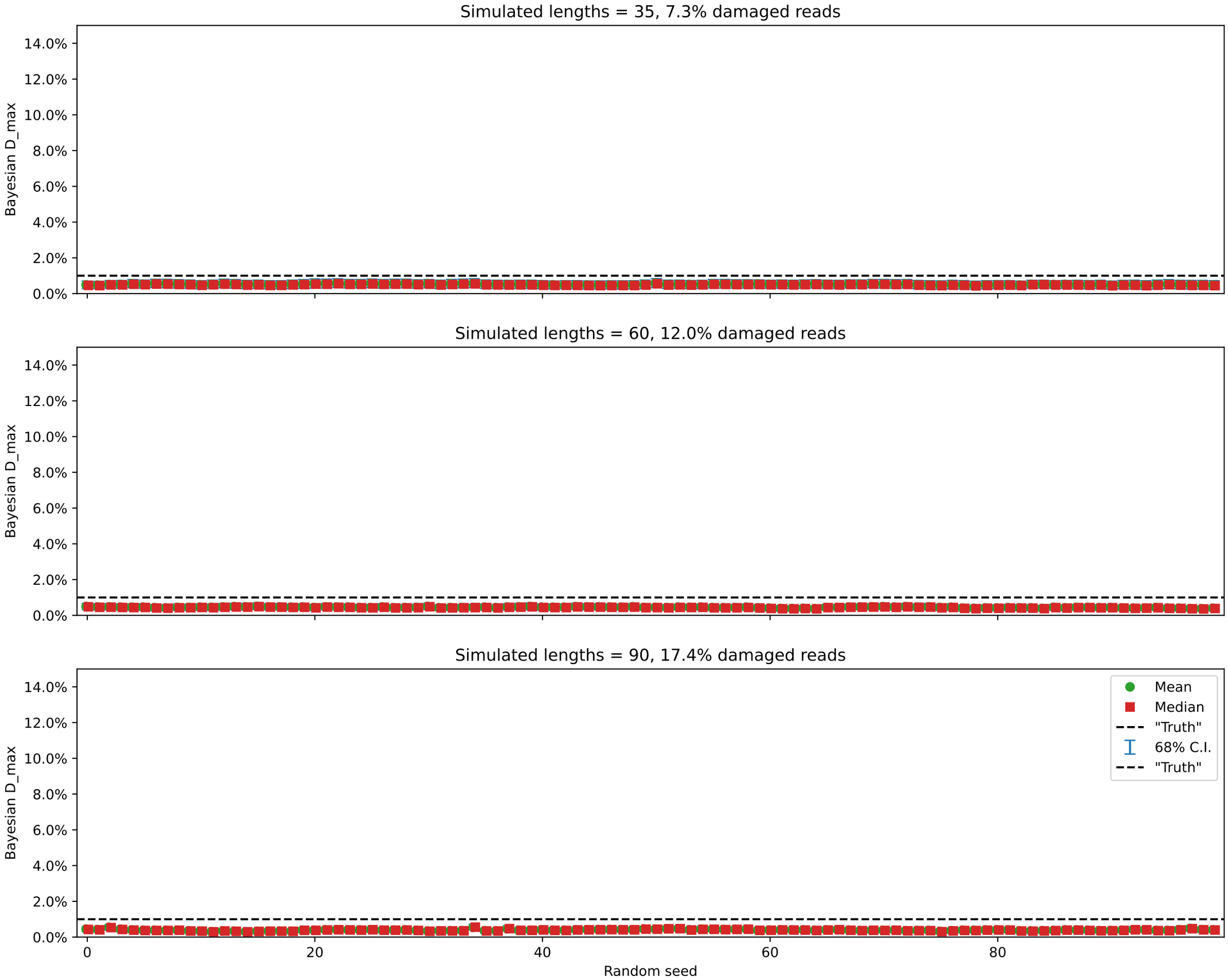
Species: homo
5000 reads
sim_damage = 0.014, damage = 1.00%



Species: homo
10000 reads
sim_damage = 0.014, damage = 1.00%

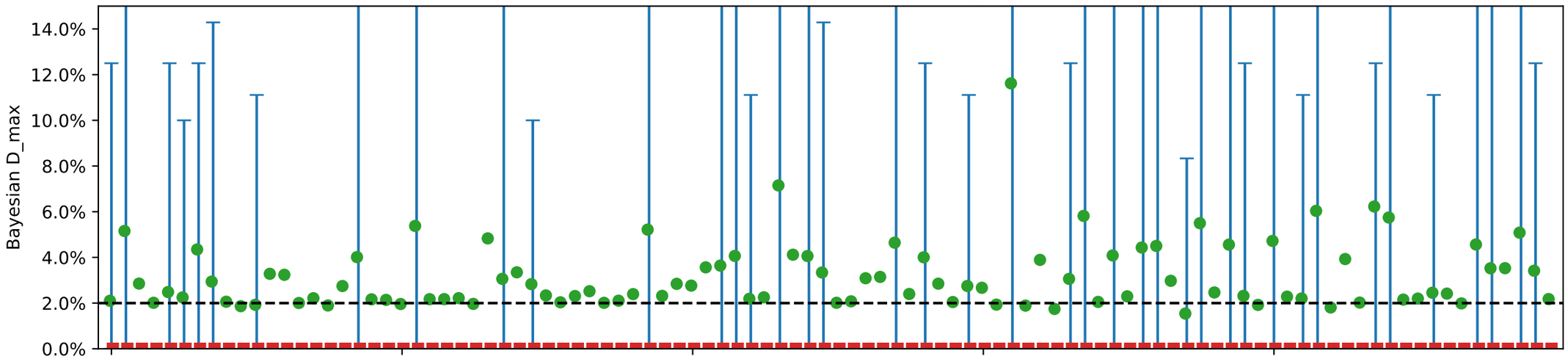


Species: homo
100000 reads
sim_damage = 0.014, damage = 1.00%

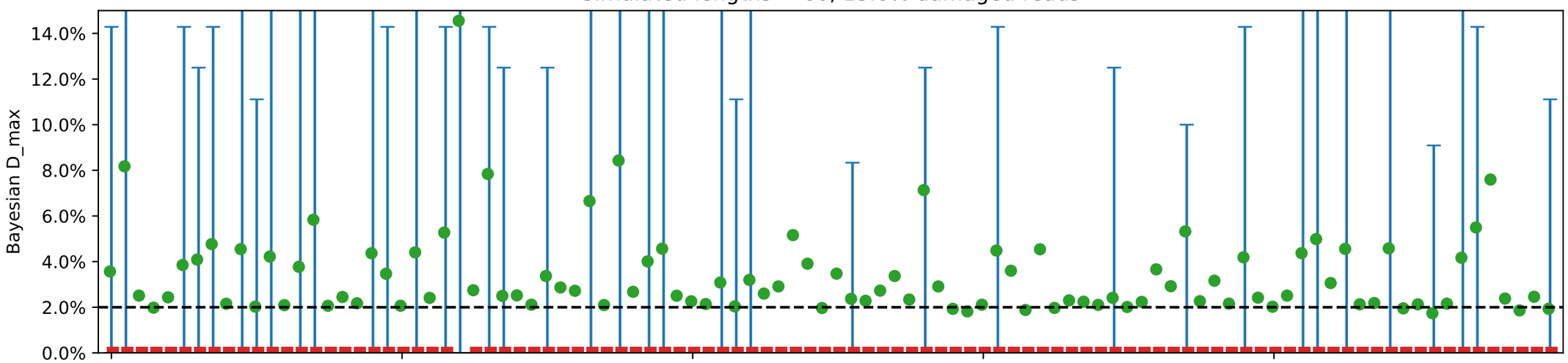


Species: homo
25 reads
sim_damage = 0.047, damage = 2.00%

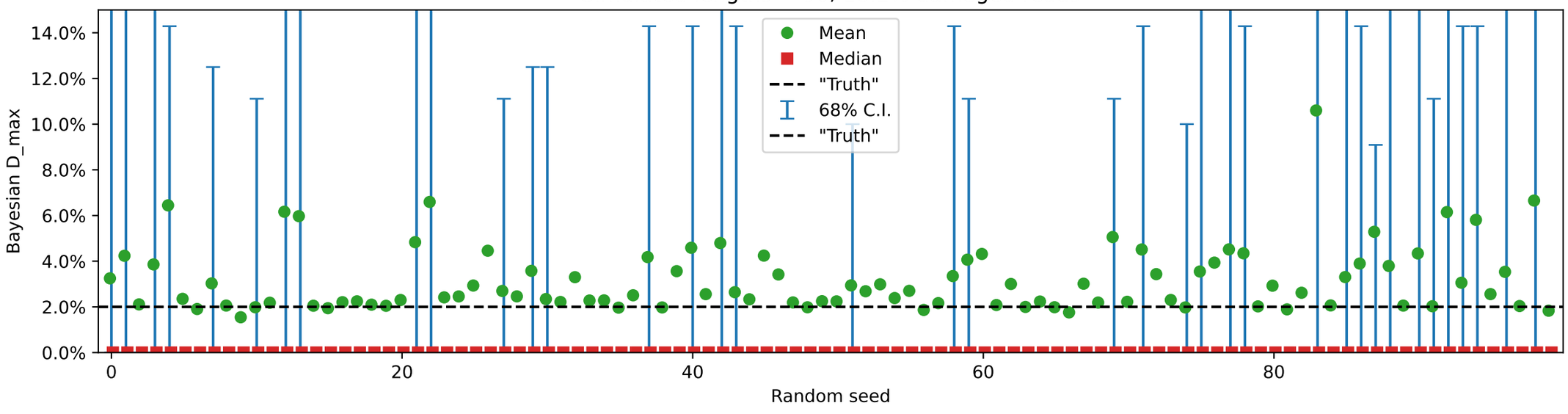
Simulated lengths = 35, 9.0% damaged reads



Simulated lengths = 60, 13.0% damaged reads

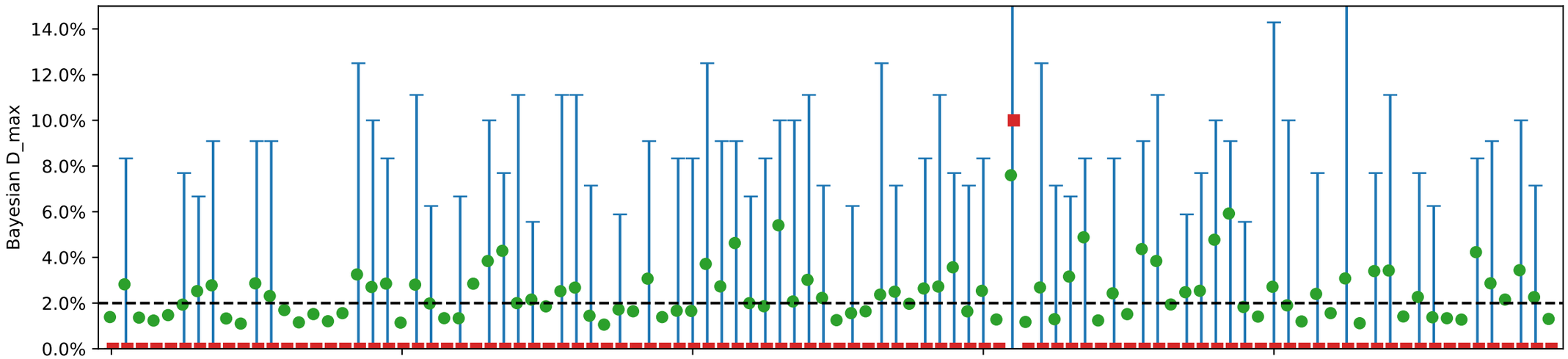


Simulated lengths = 90, 18.2% damaged reads

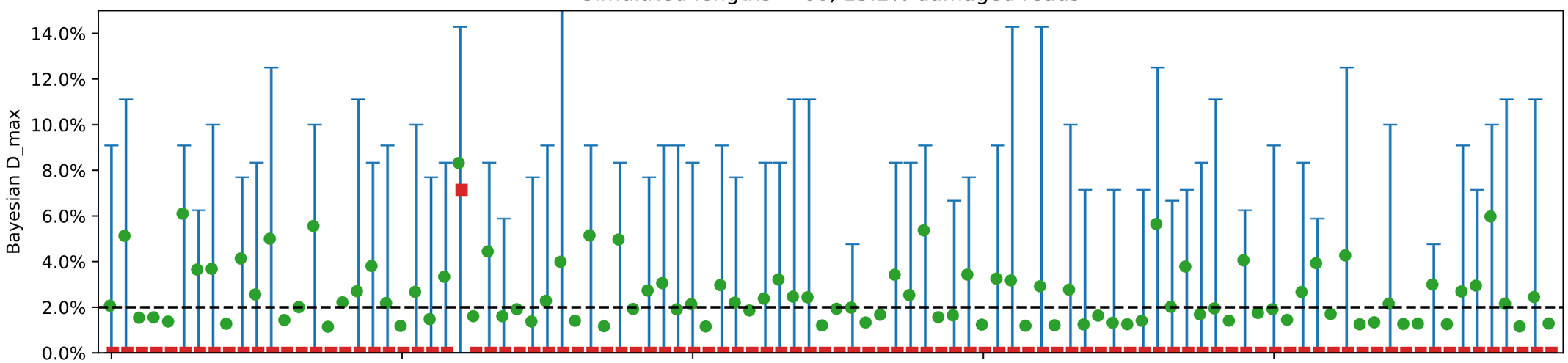


Species: homo
50 reads
sim_damage = 0.047, damage = 2.00%

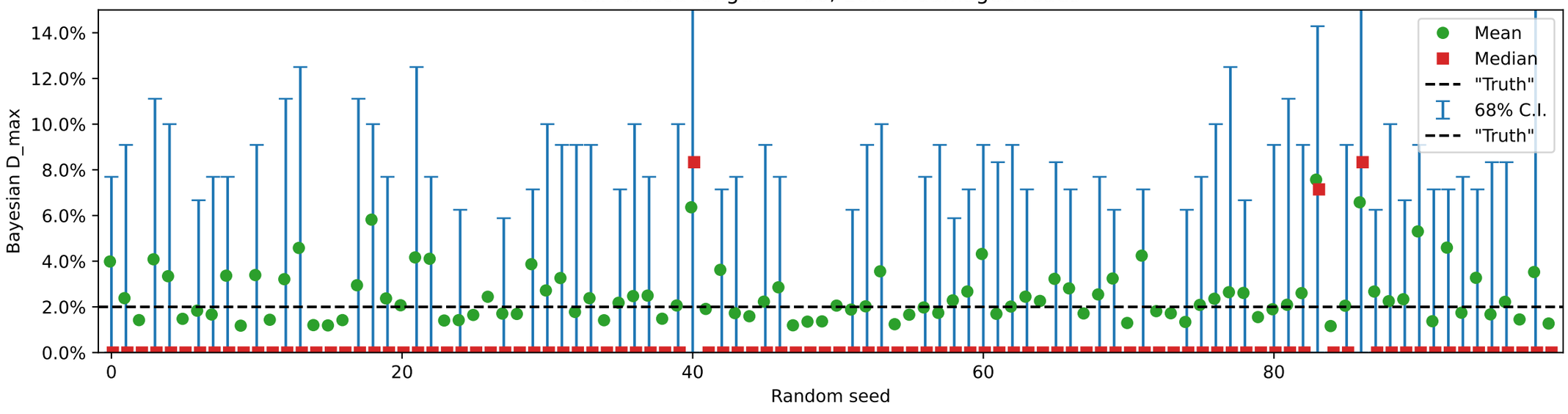
Simulated lengths = 35, 8.6% damaged reads



Simulated lengths = 60, 13.2% damaged reads

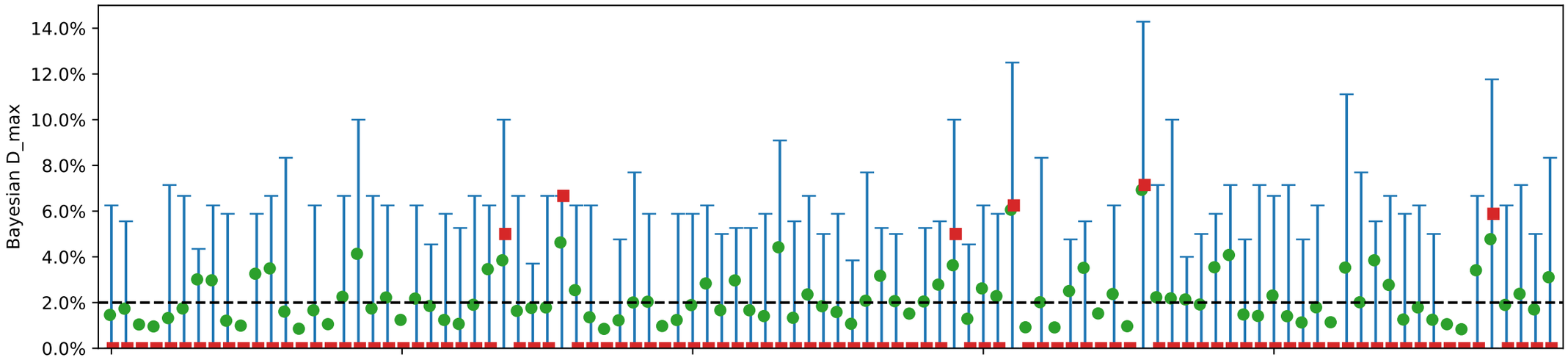


Simulated lengths = 90, 18.5% damaged reads

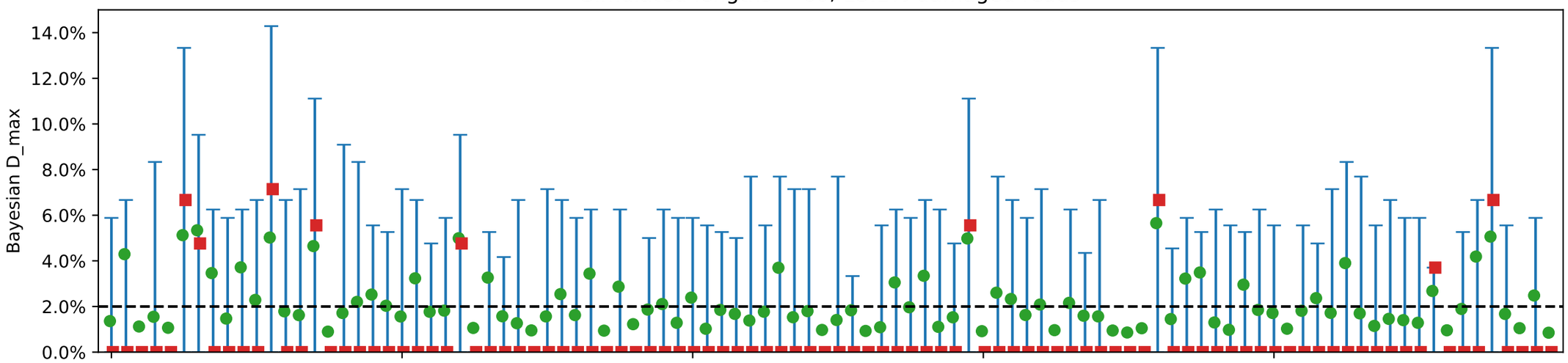


Species: homo
75 reads
sim_damage = 0.047, damage = 2.00%

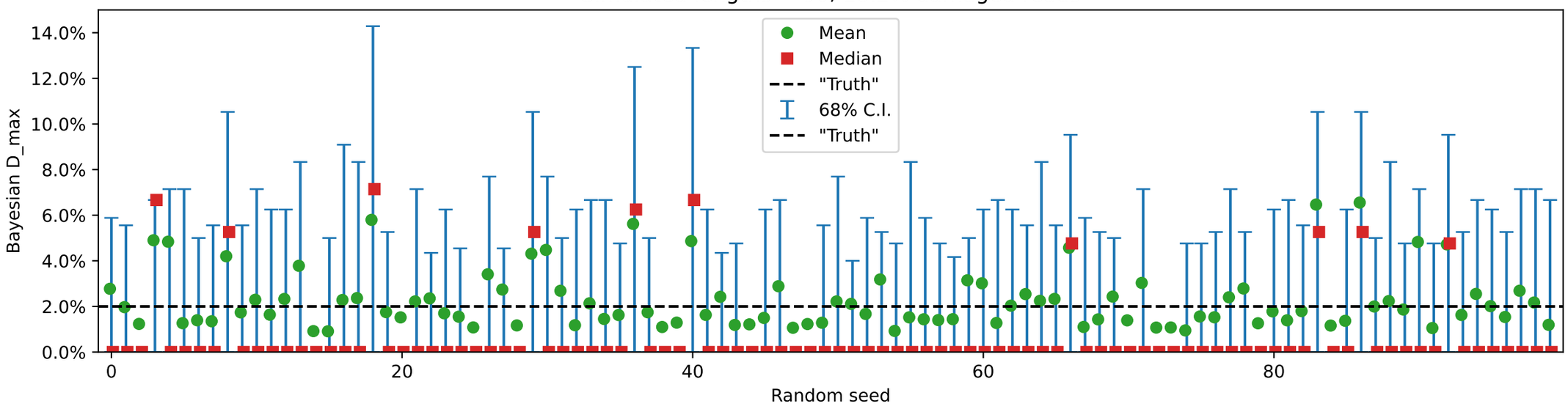
Simulated lengths = 35, 8.8% damaged reads



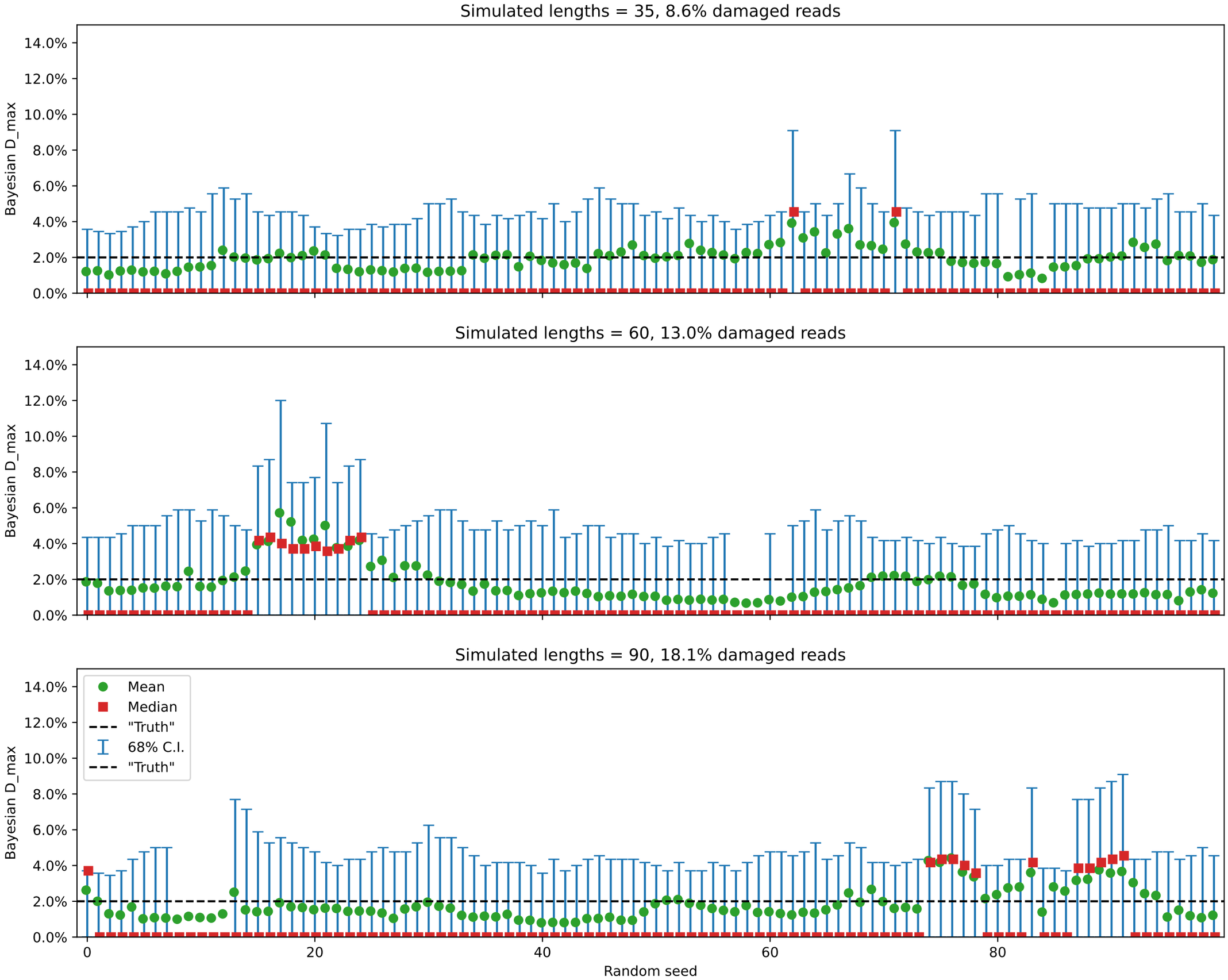
Simulated lengths = 60, 13.1% damaged reads



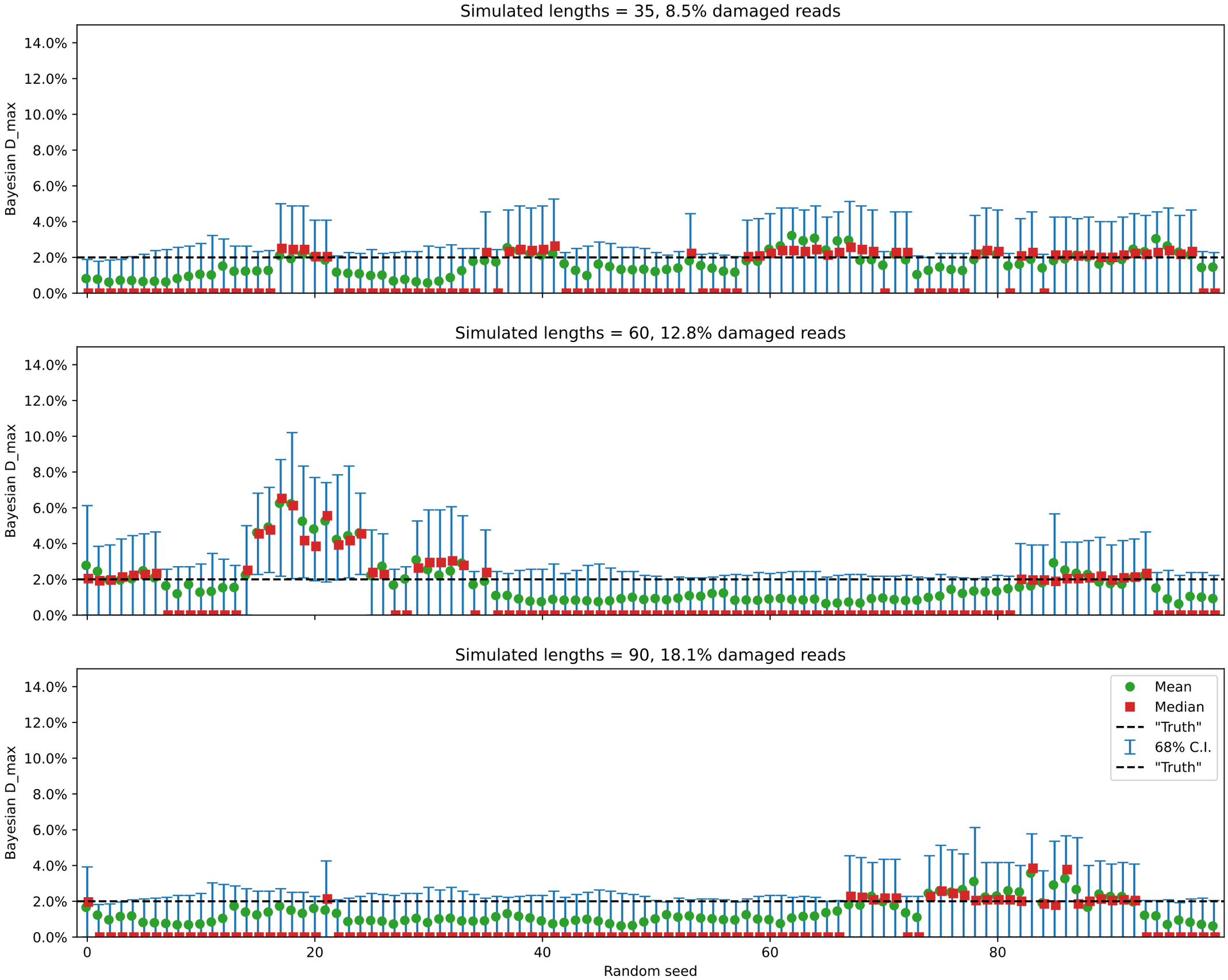
Simulated lengths = 90, 18.2% damaged reads



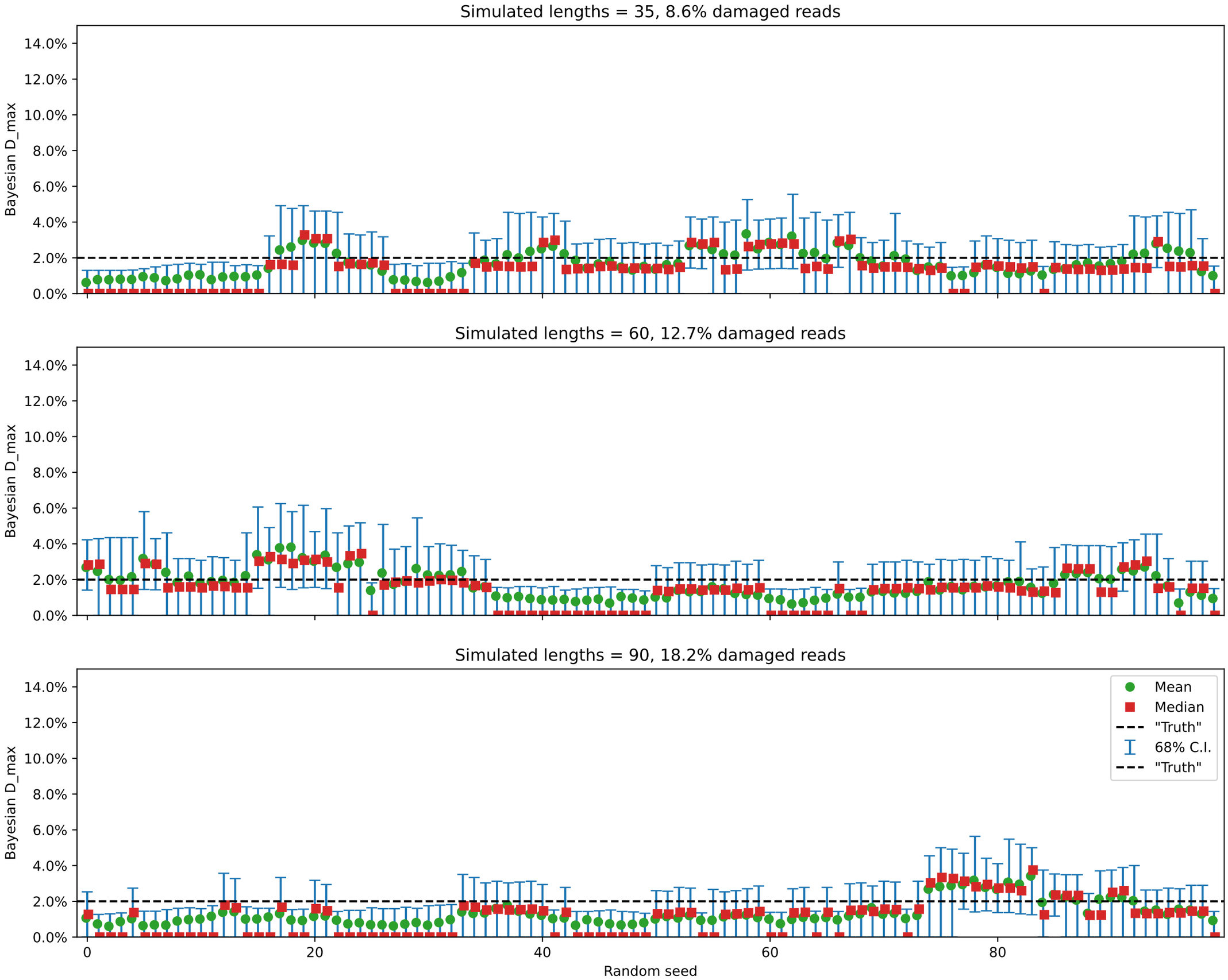
Species: homo
100 reads
sim_damage = 0.047, damage = 2.00%



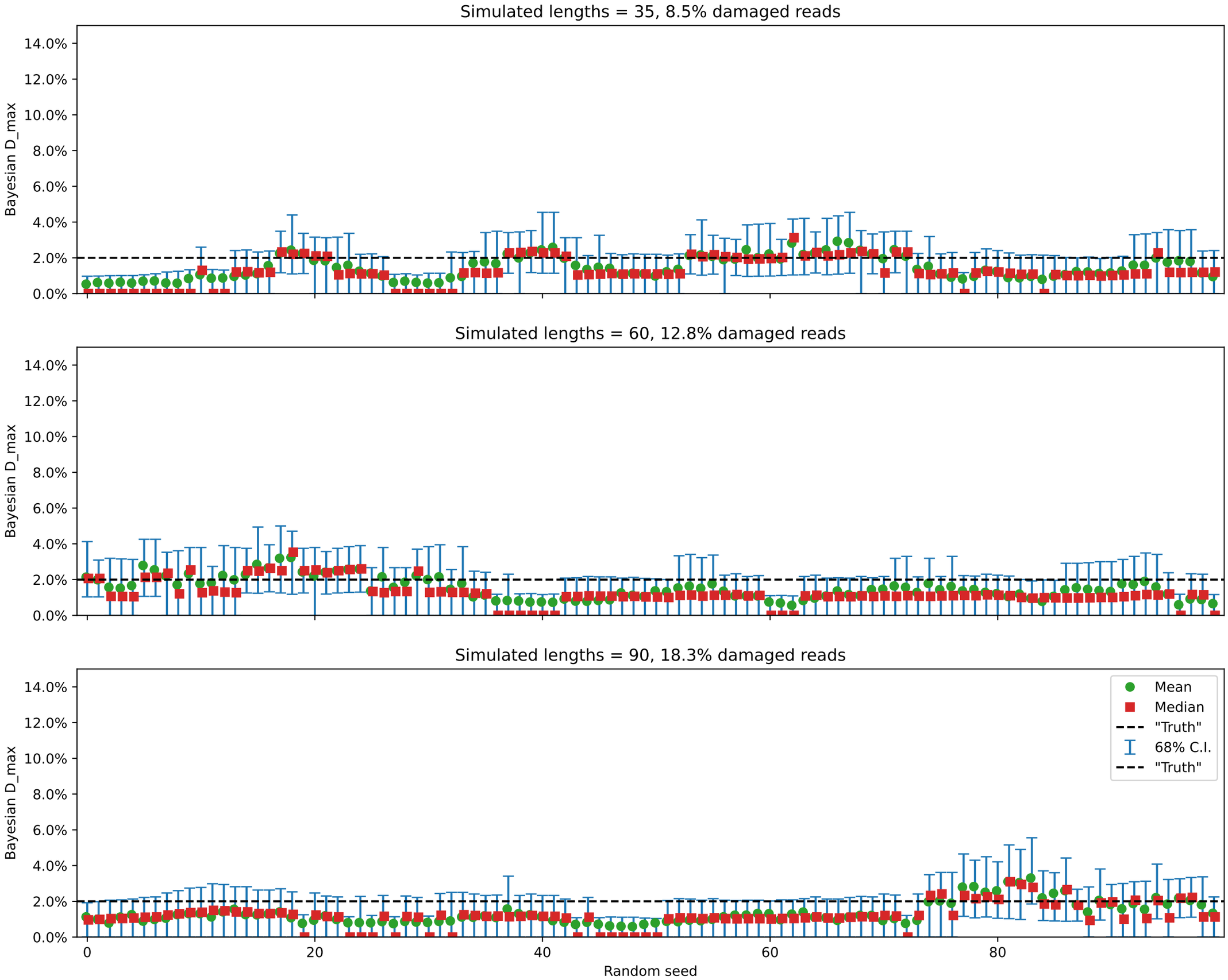
Species: homo
200 reads
sim_damage = 0.047, damage = 2.00%



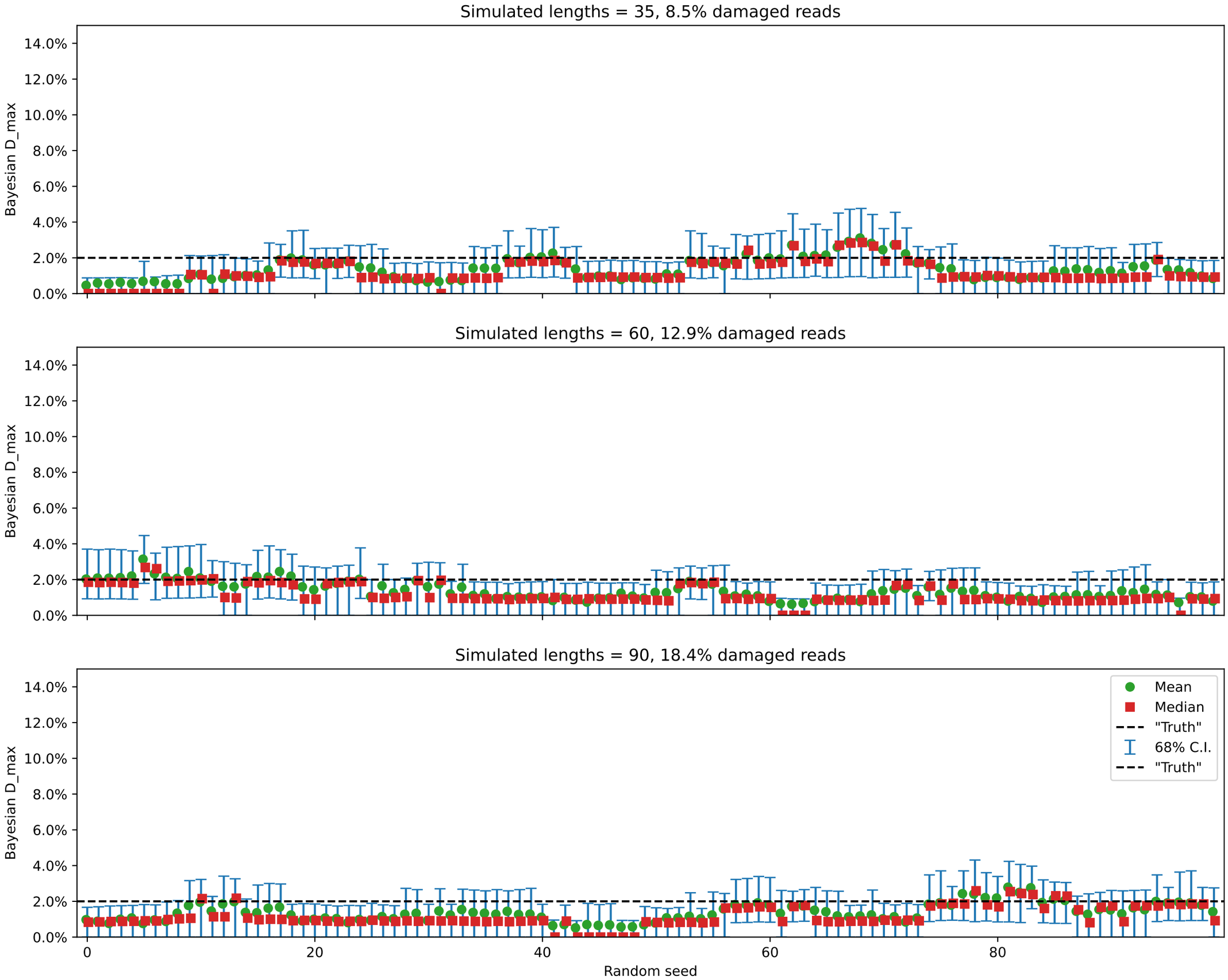
Species: homo
300 reads
sim_damage = 0.047, damage = 2.00%



Species: homo
400 reads
sim_damage = 0.047, damage = 2.00%

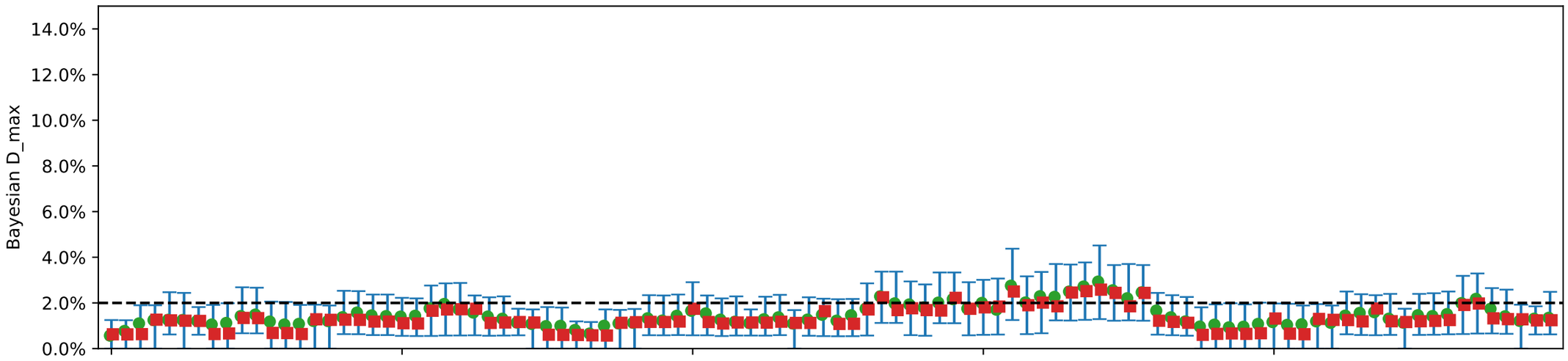


Species: homo
500 reads
sim_damage = 0.047, damage = 2.00%

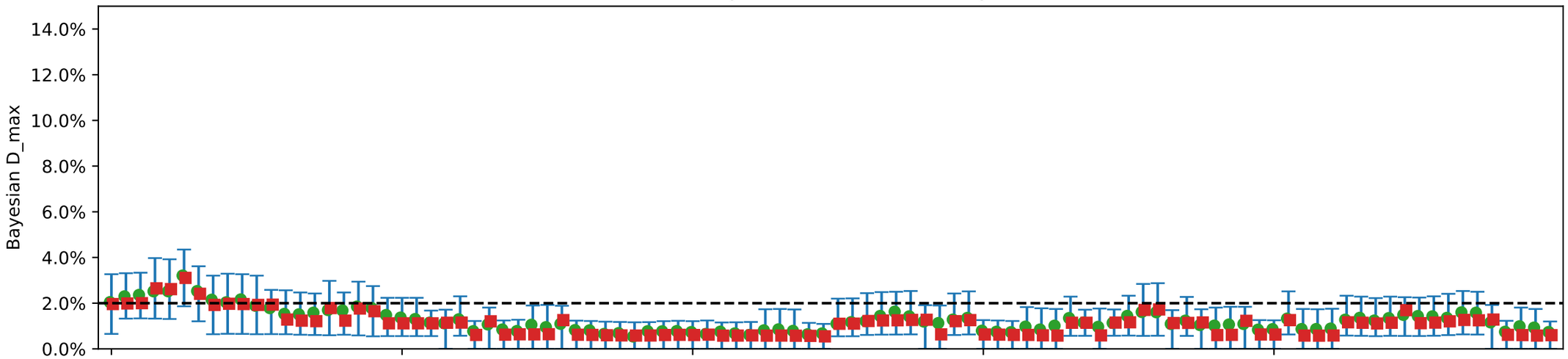


Species: homo
750 reads
sim_damage = 0.047, damage = 2.00%

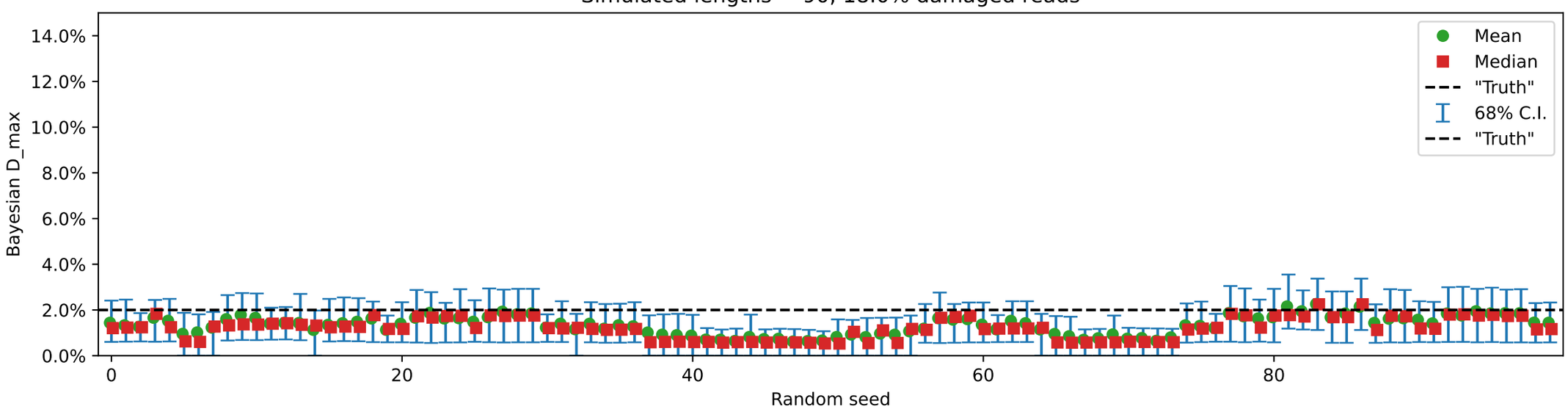
Simulated lengths = 35, 8.5% damaged reads



Simulated lengths = 60, 12.9% damaged reads

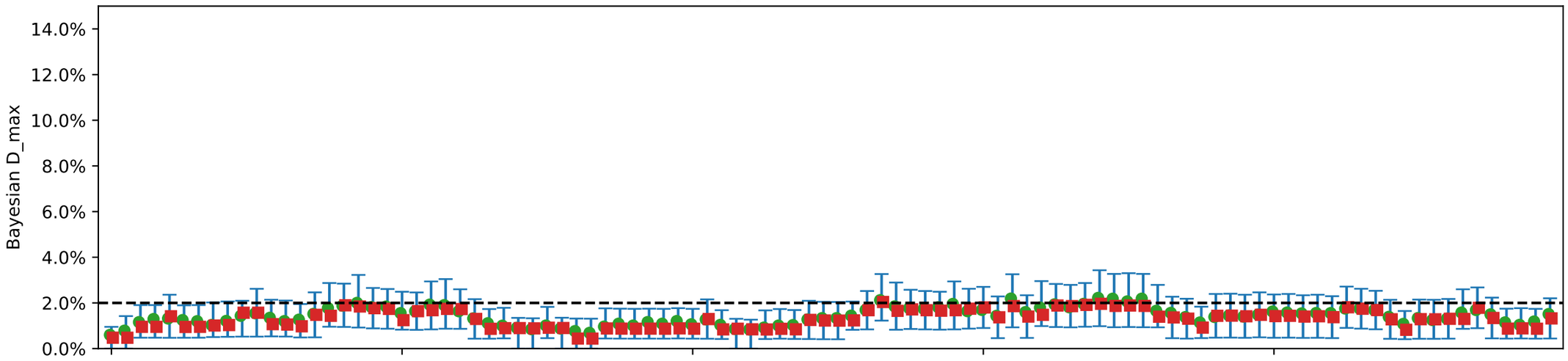


Simulated lengths = 90, 18.0% damaged reads

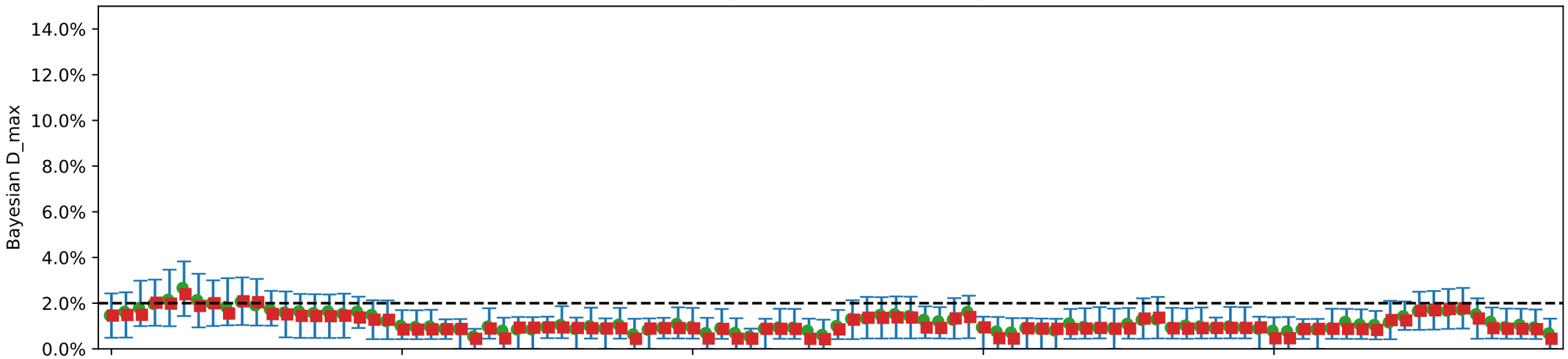


Species: homo
1000 reads
sim_damage = 0.047, damage = 2.00%

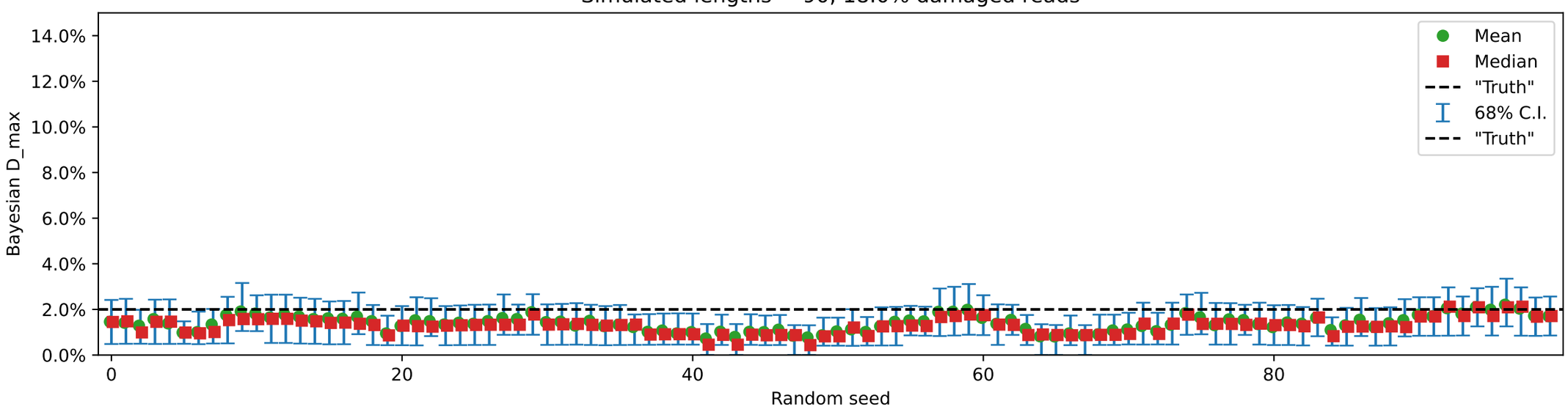
Simulated lengths = 35, 8.5% damaged reads



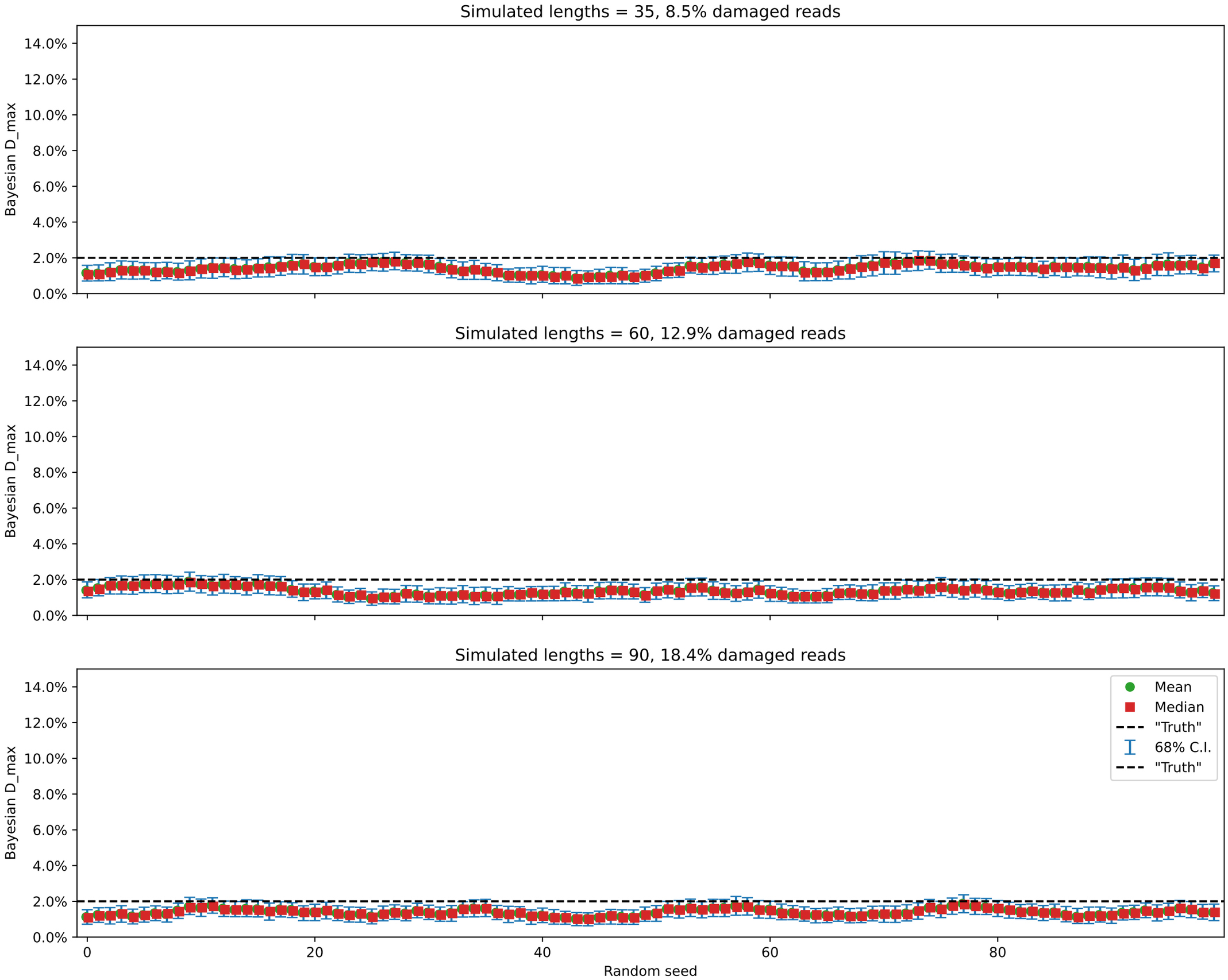
Simulated lengths = 60, 12.9% damaged reads



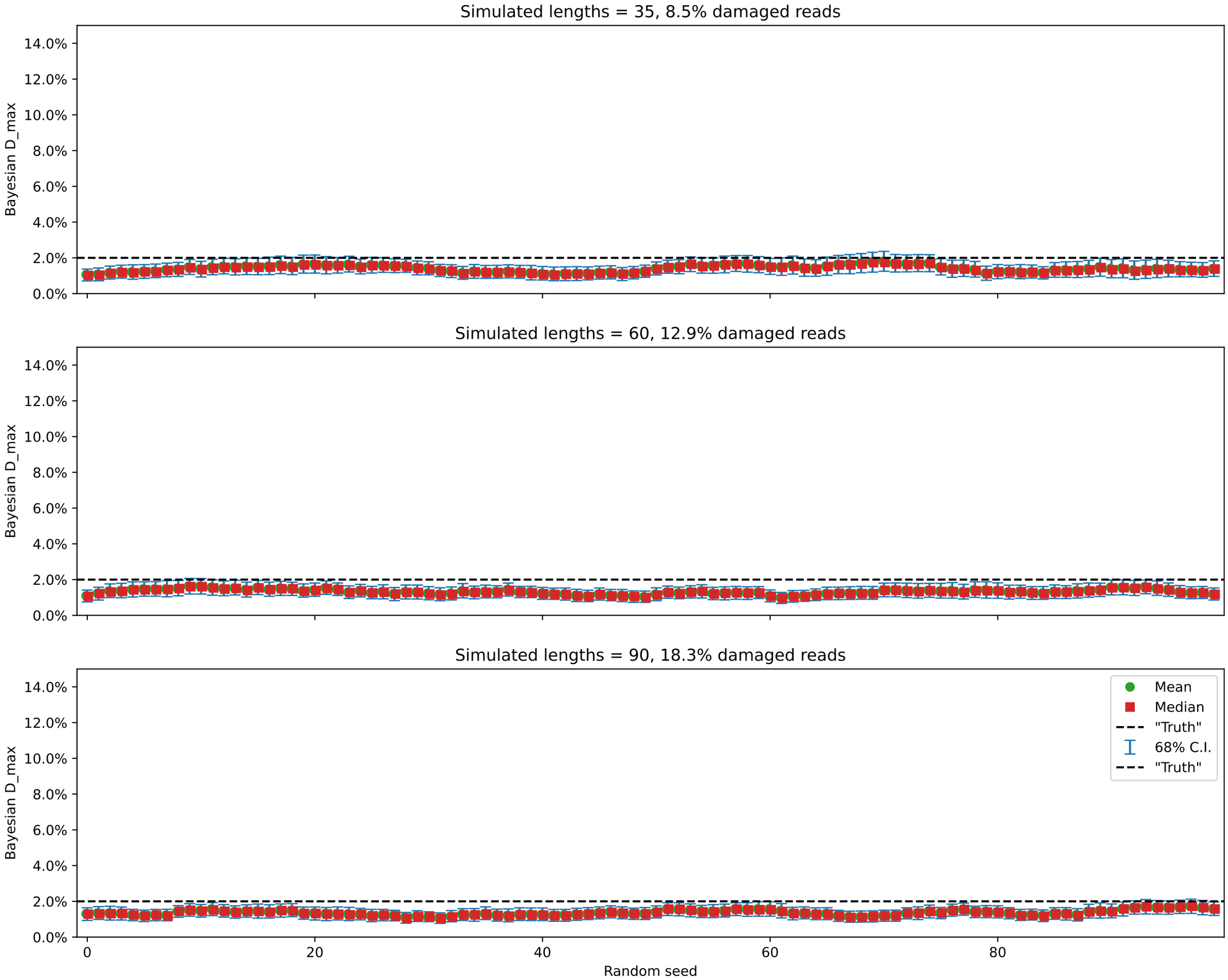
Simulated lengths = 90, 18.0% damaged reads



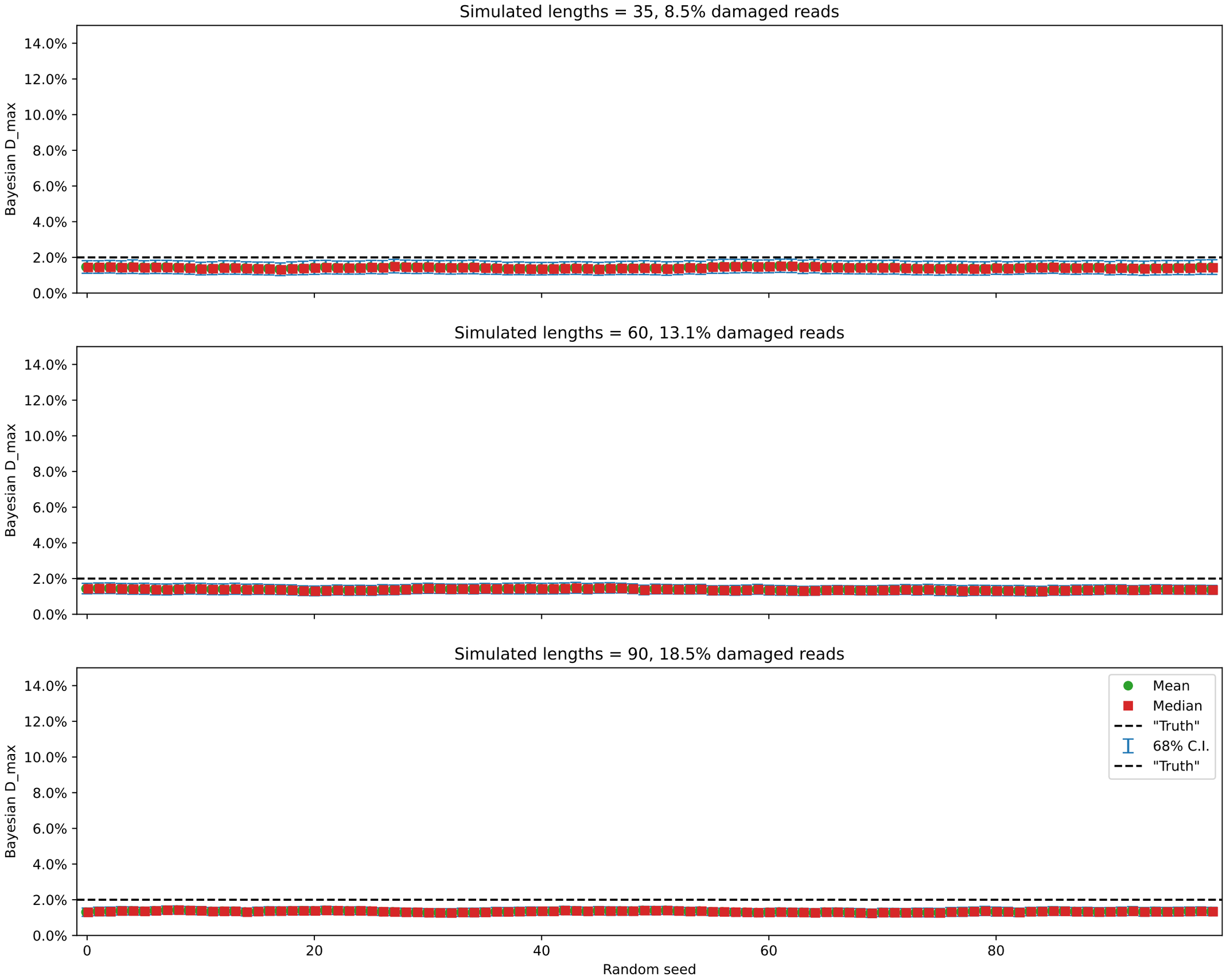
Species: homo
5000 reads
sim_damage = 0.047, damage = 2.00%



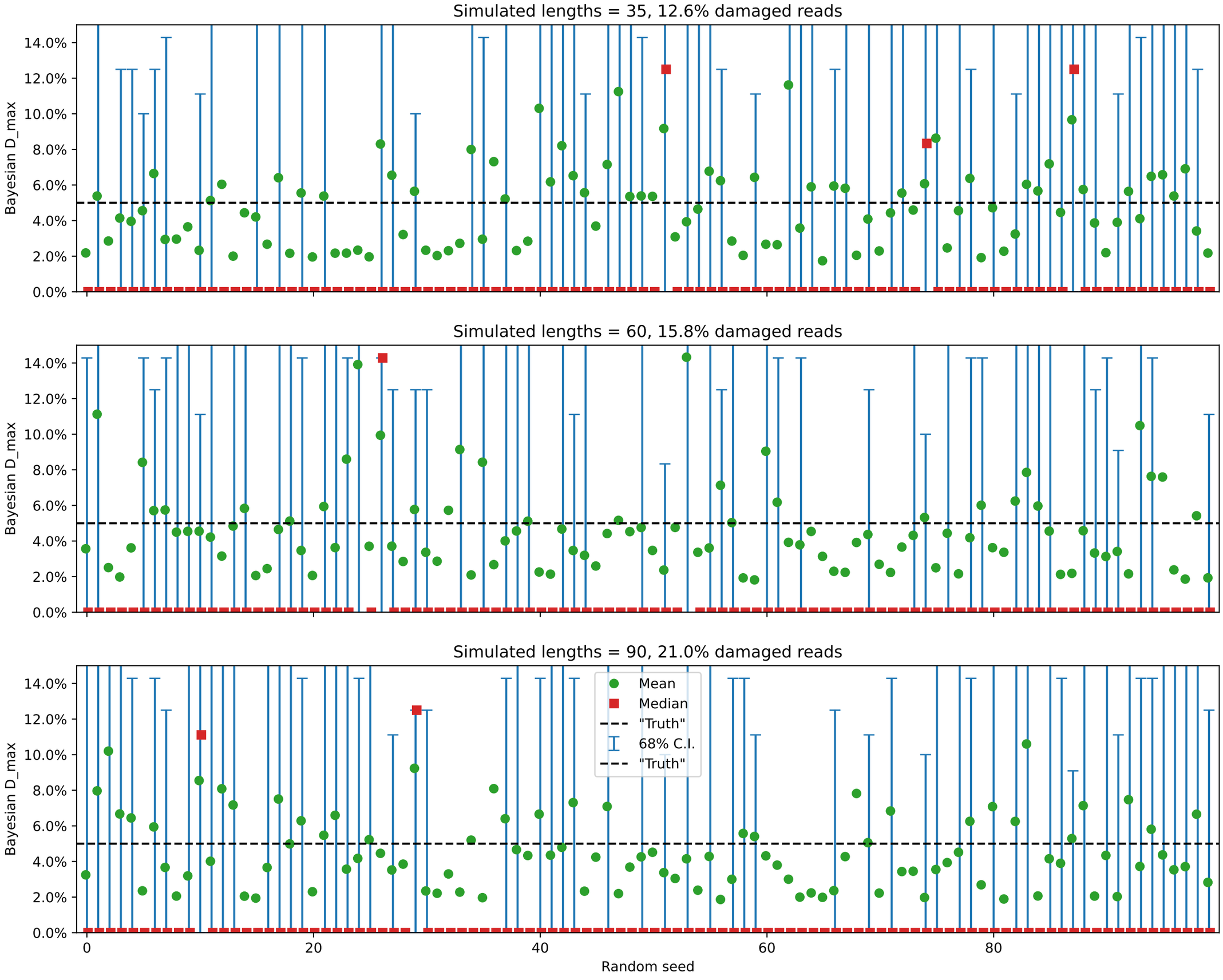
Species: homo
10000 reads
sim_damage = 0.047, damage = 2.00%



Species: homo
100000 reads
sim_damage = 0.047, damage = 2.00%

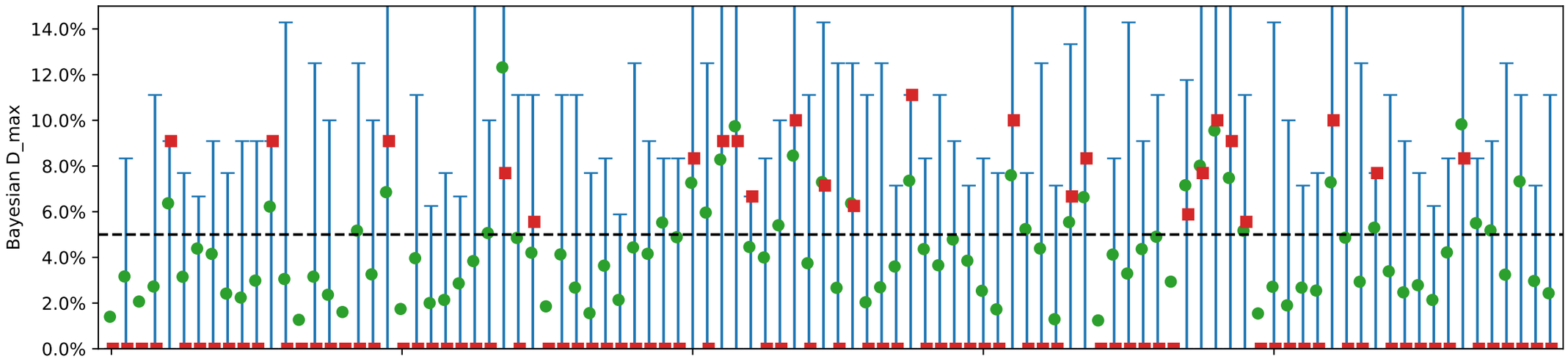


Species: homo
25 reads
sim_damage = 0.138, damage = 5.00%

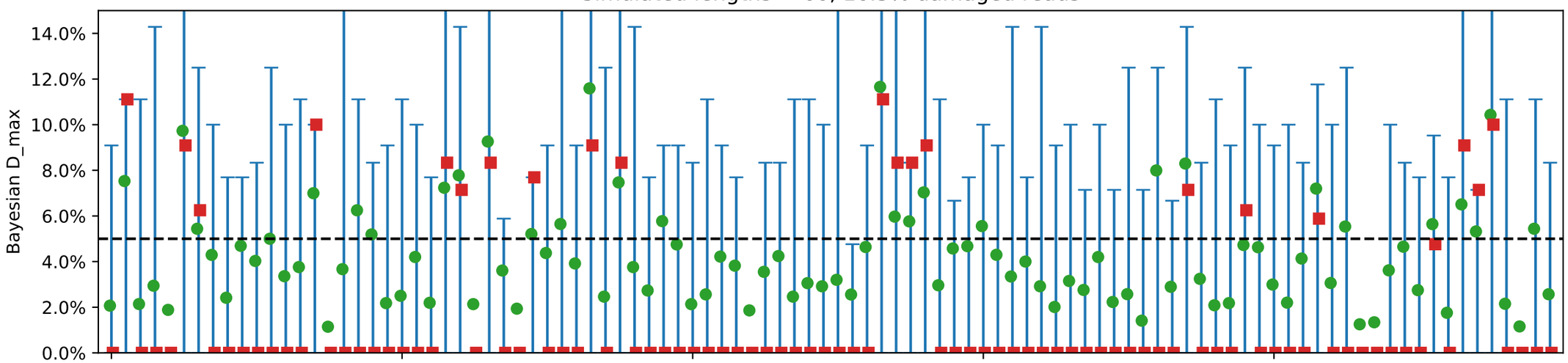


Species: homo
50 reads
sim_damage = 0.138, damage = 5.00%

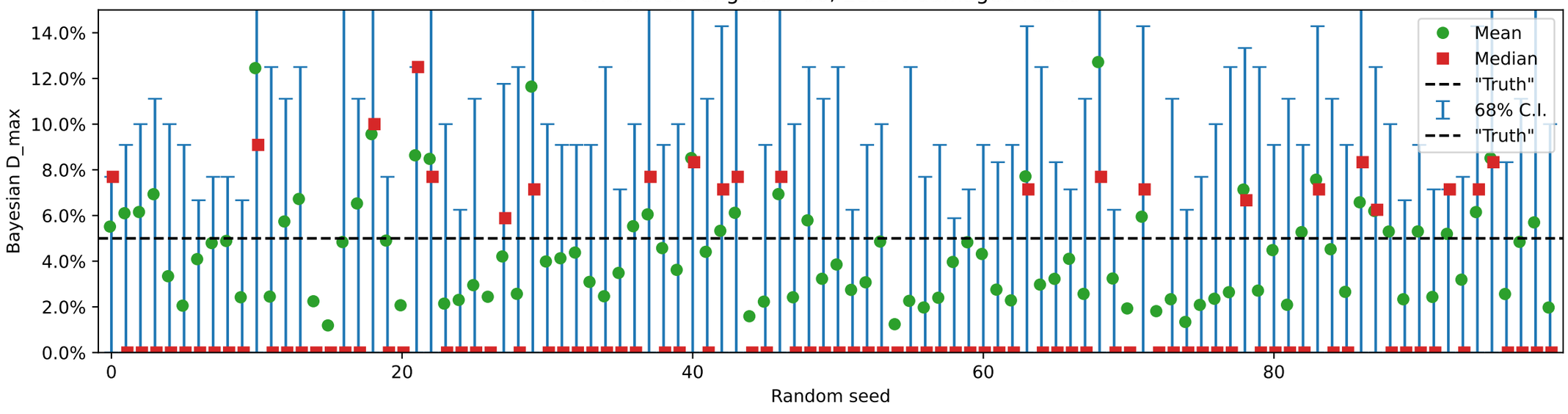
Simulated lengths = 35, 12.1% damaged reads



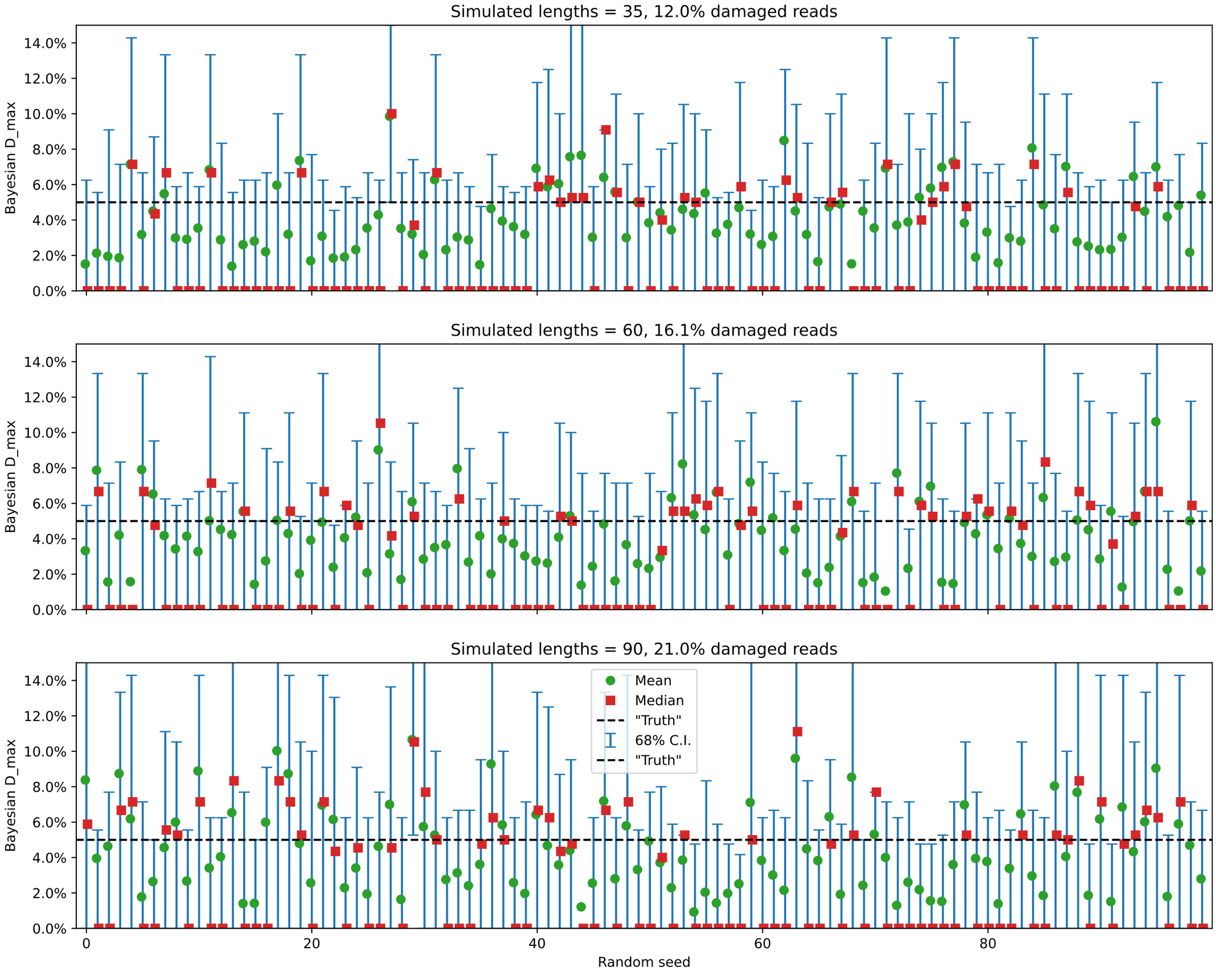
Simulated lengths = 60, 16.3% damaged reads



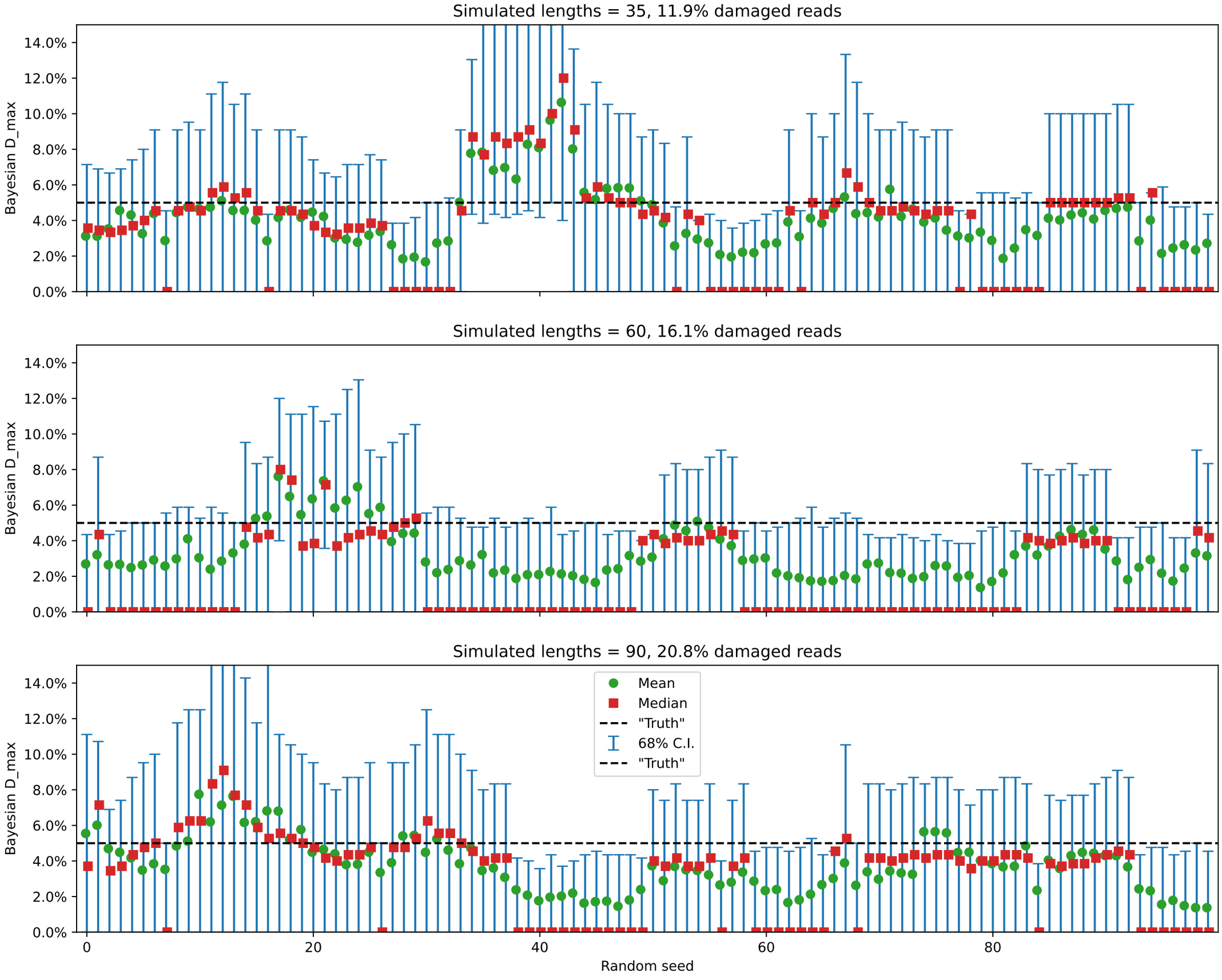
Simulated lengths = 90, 21.2% damaged reads



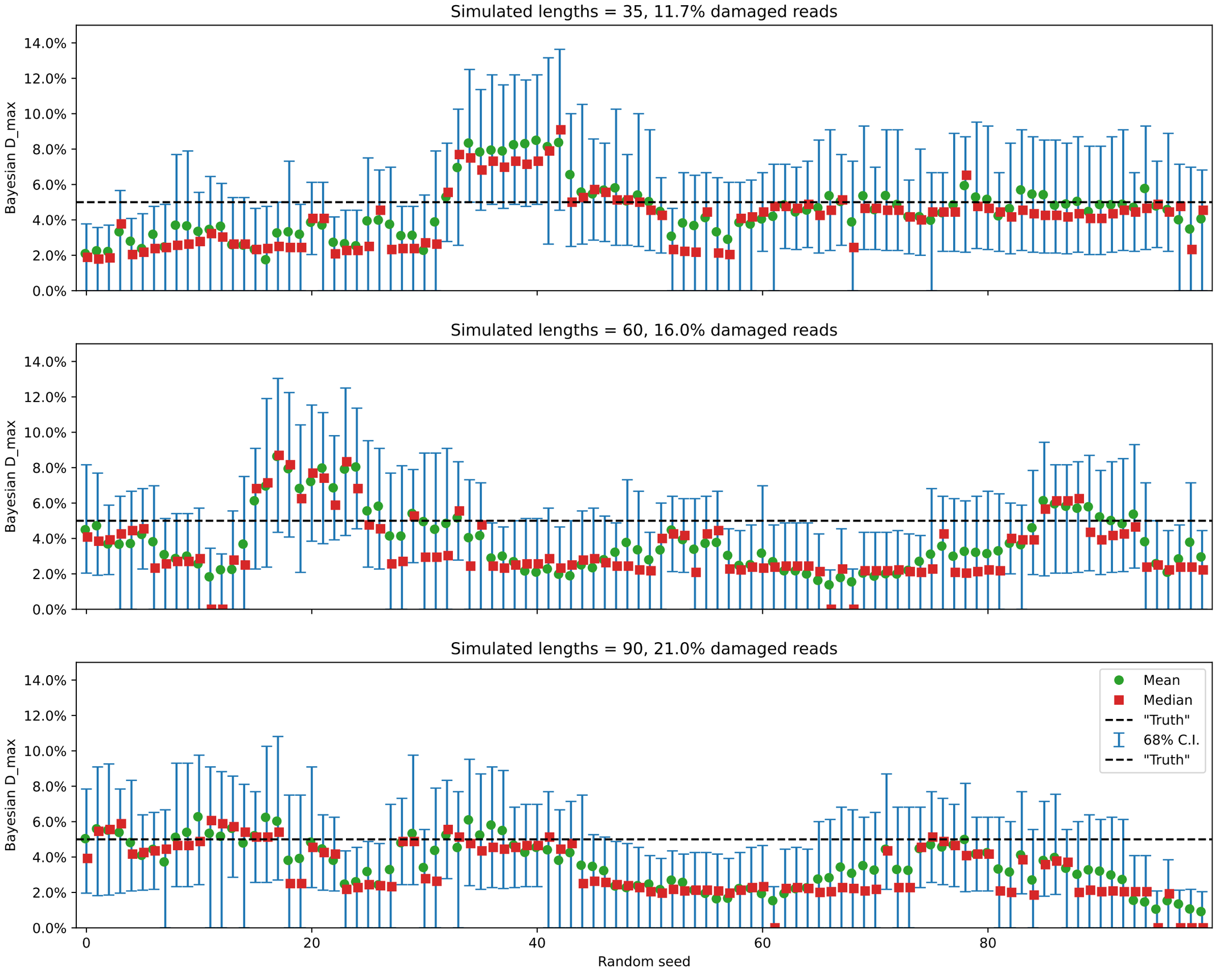
Species: homo
75 reads
sim_damage = 0.138, damage = 5.00%



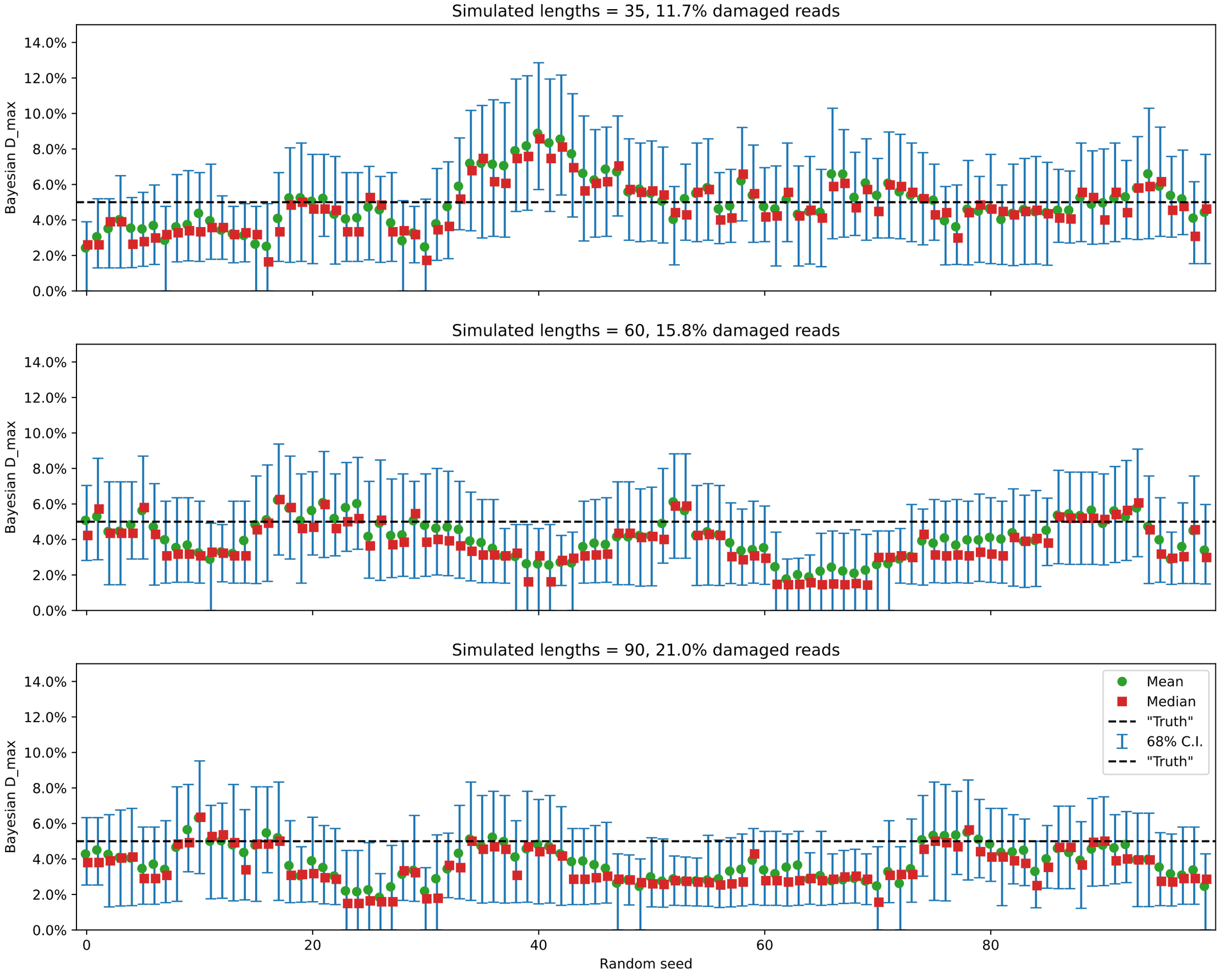
Species: homo
100 reads
sim_damage = 0.138, damage = 5.00%



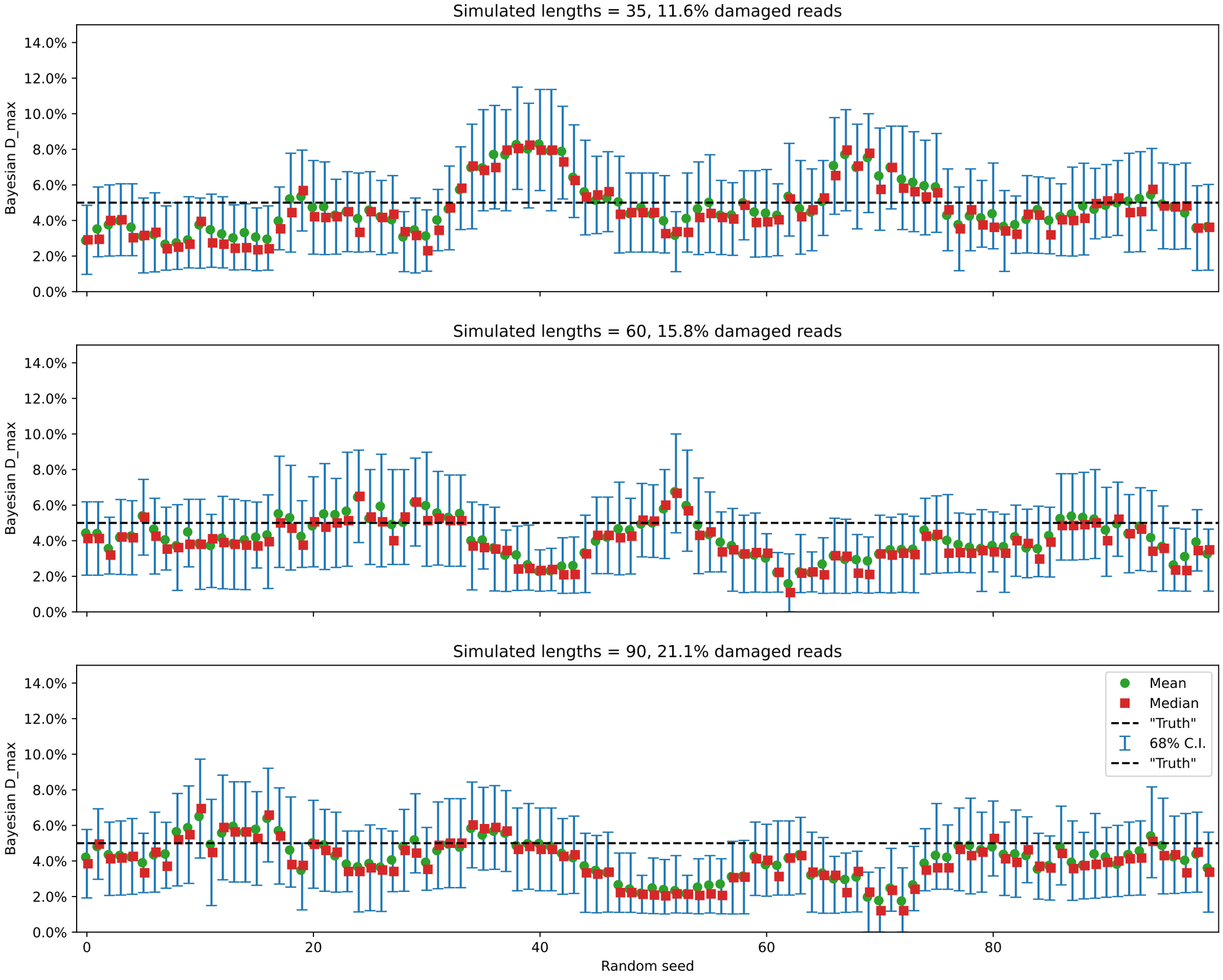
Species: homo
200 reads
sim_damage = 0.138, damage = 5.00%



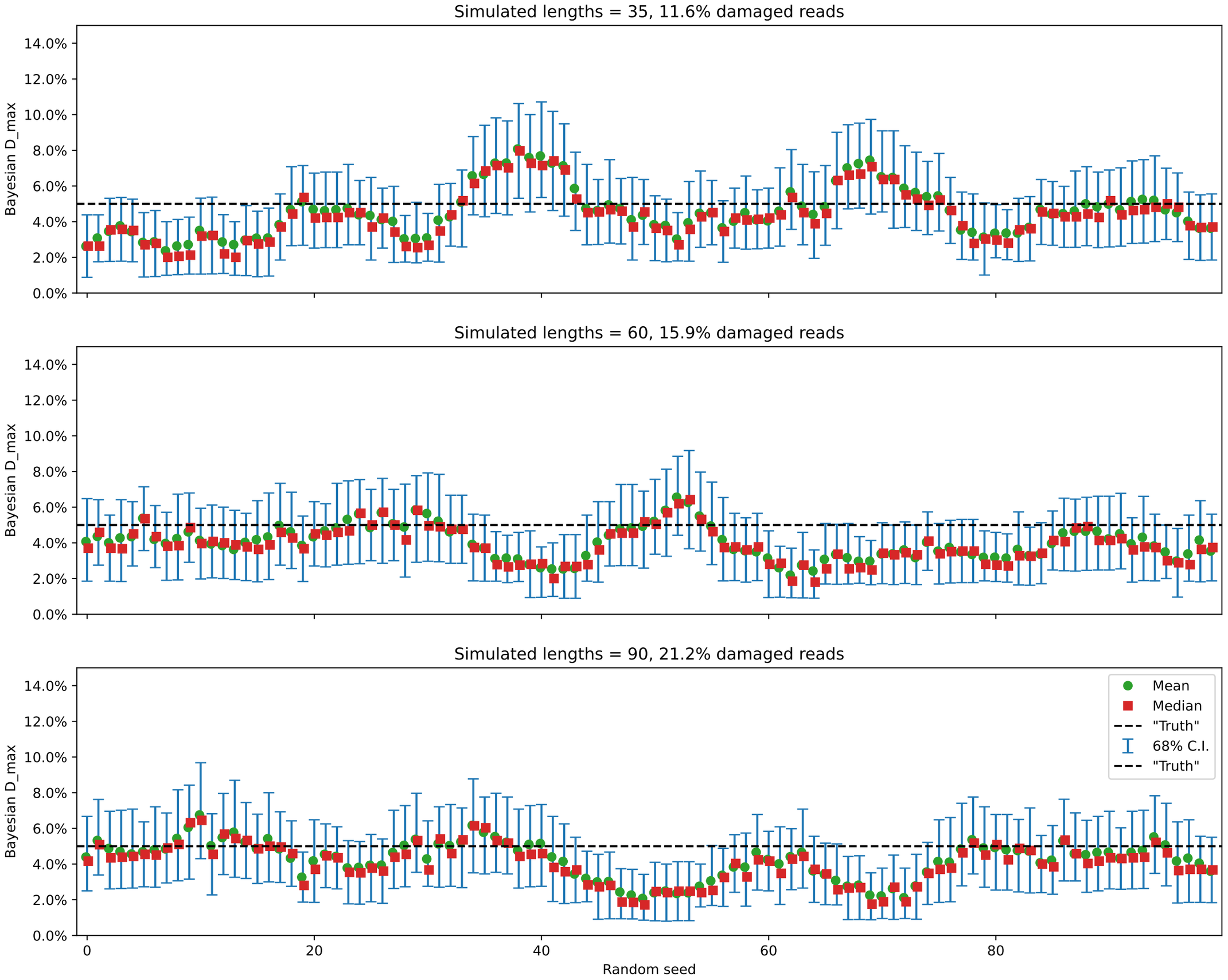
Species: homo
300 reads
sim_damage = 0.138, damage = 5.00%



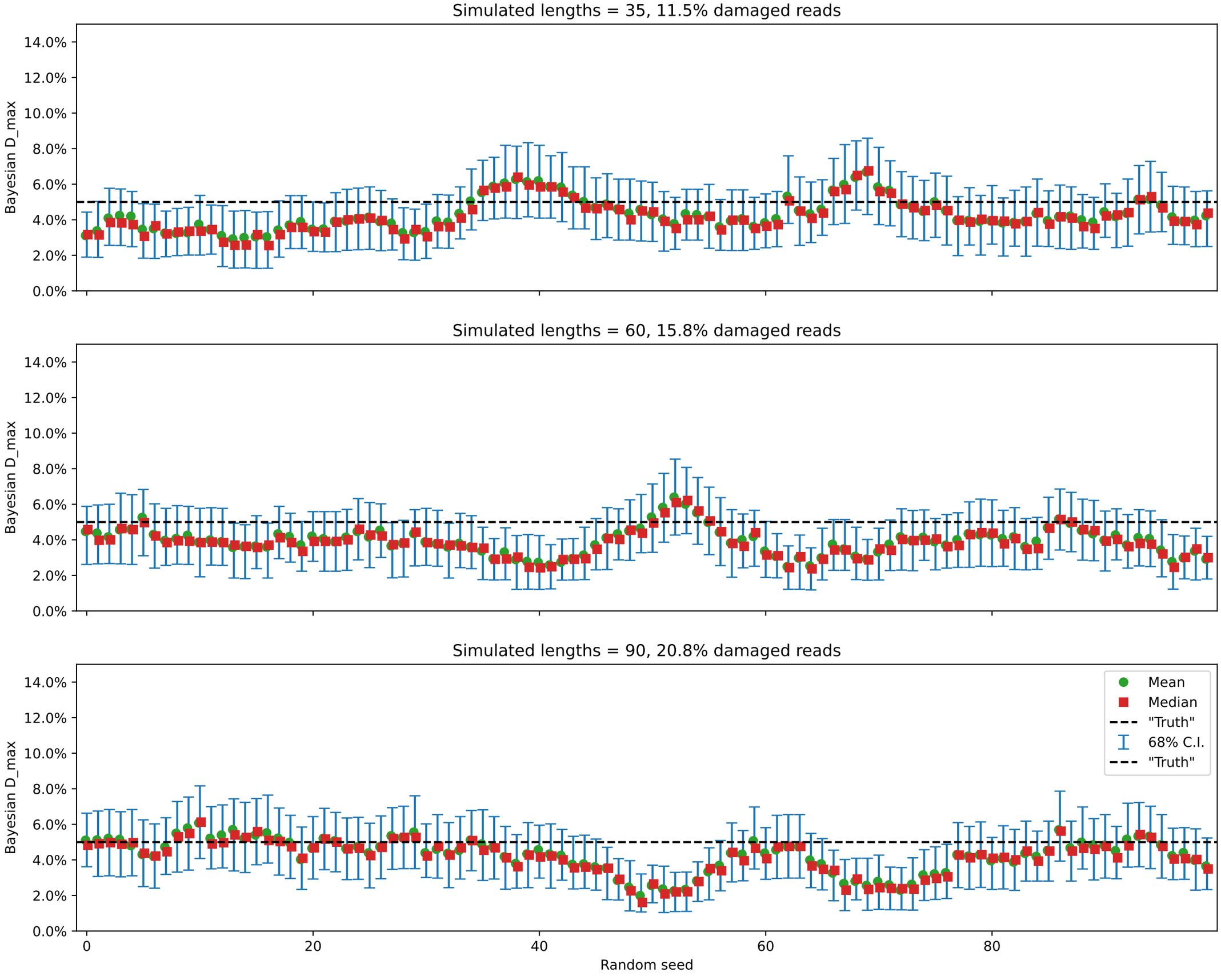
Species: homo
400 reads
sim_damage = 0.138, damage = 5.00%



Species: homo
500 reads
sim_damage = 0.138, damage = 5.00%

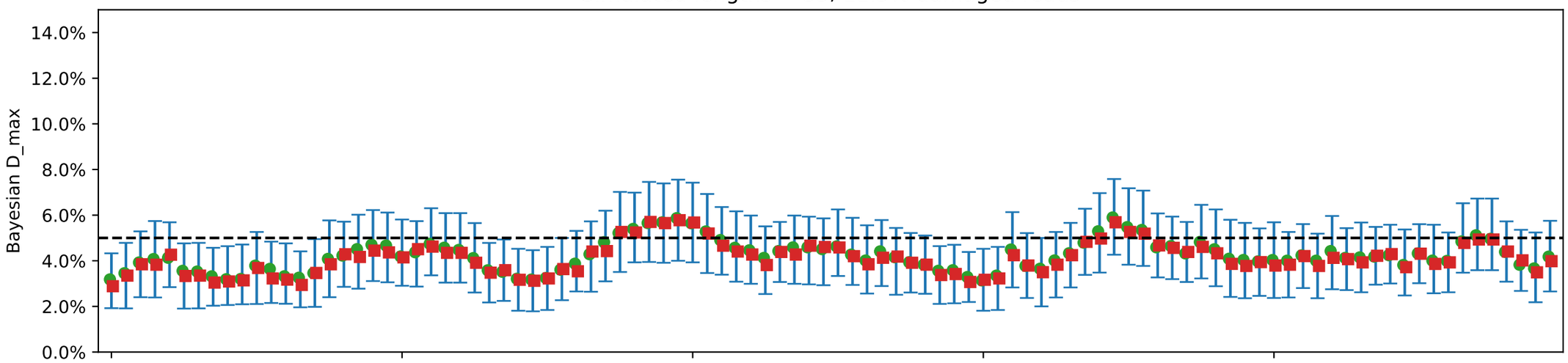


Species: homo
750 reads
sim_damage = 0.138, damage = 5.00%

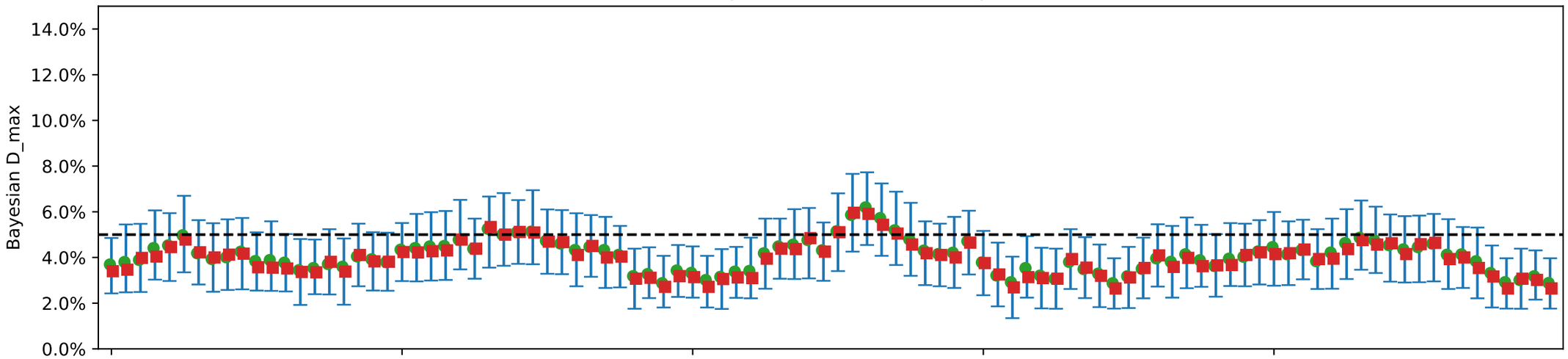


Species: homo
1000 reads
sim_damage = 0.138, damage = 5.00%

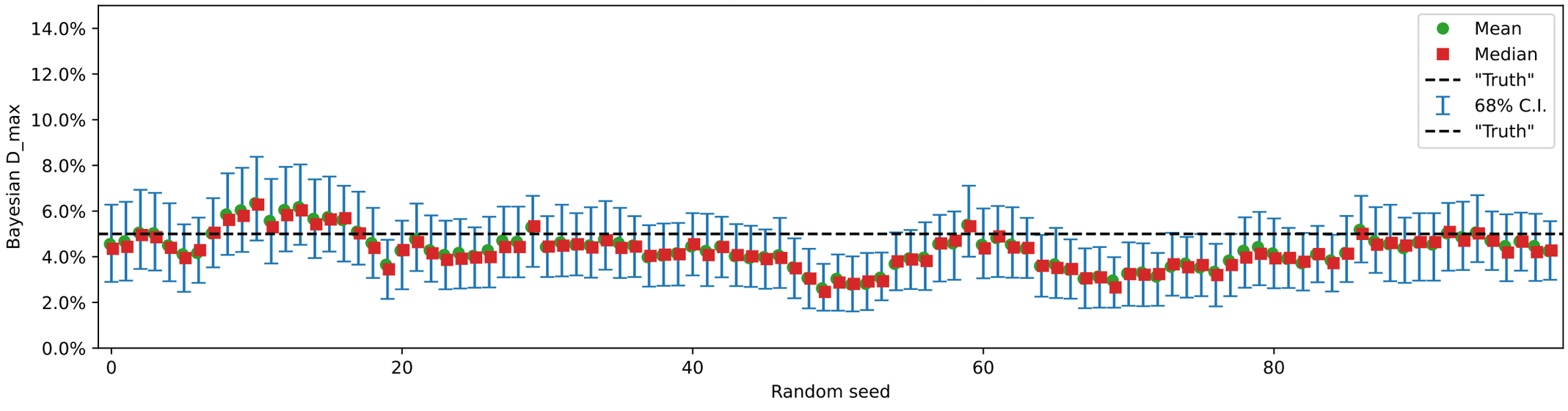
Simulated lengths = 35, 11.5% damaged reads



Simulated lengths = 60, 16.0% damaged reads

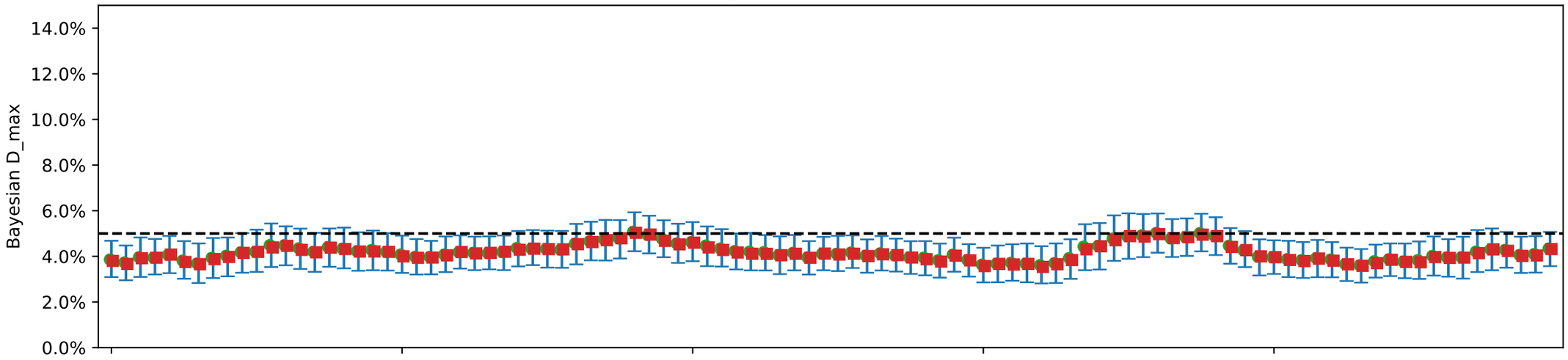


Simulated lengths = 90, 20.7% damaged reads

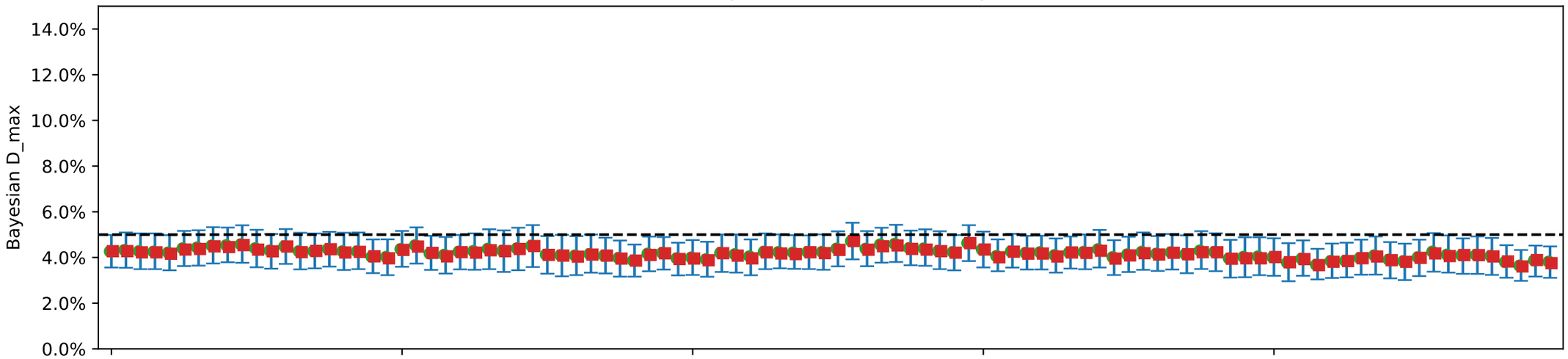


Species: homo
5000 reads
sim_damage = 0.138, damage = 5.00%

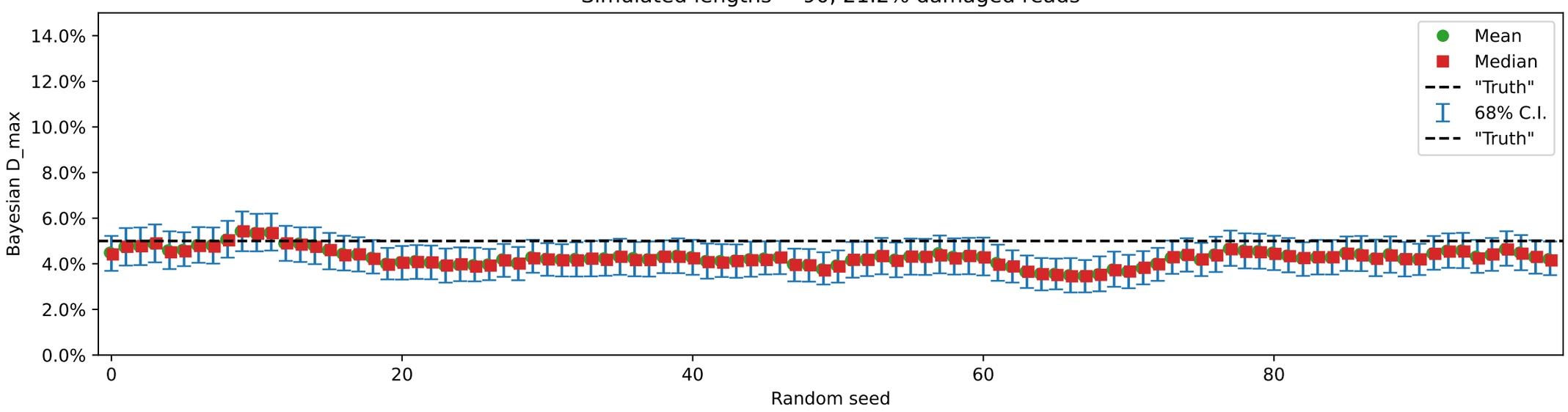
Simulated lengths = 35, 11.5% damaged reads



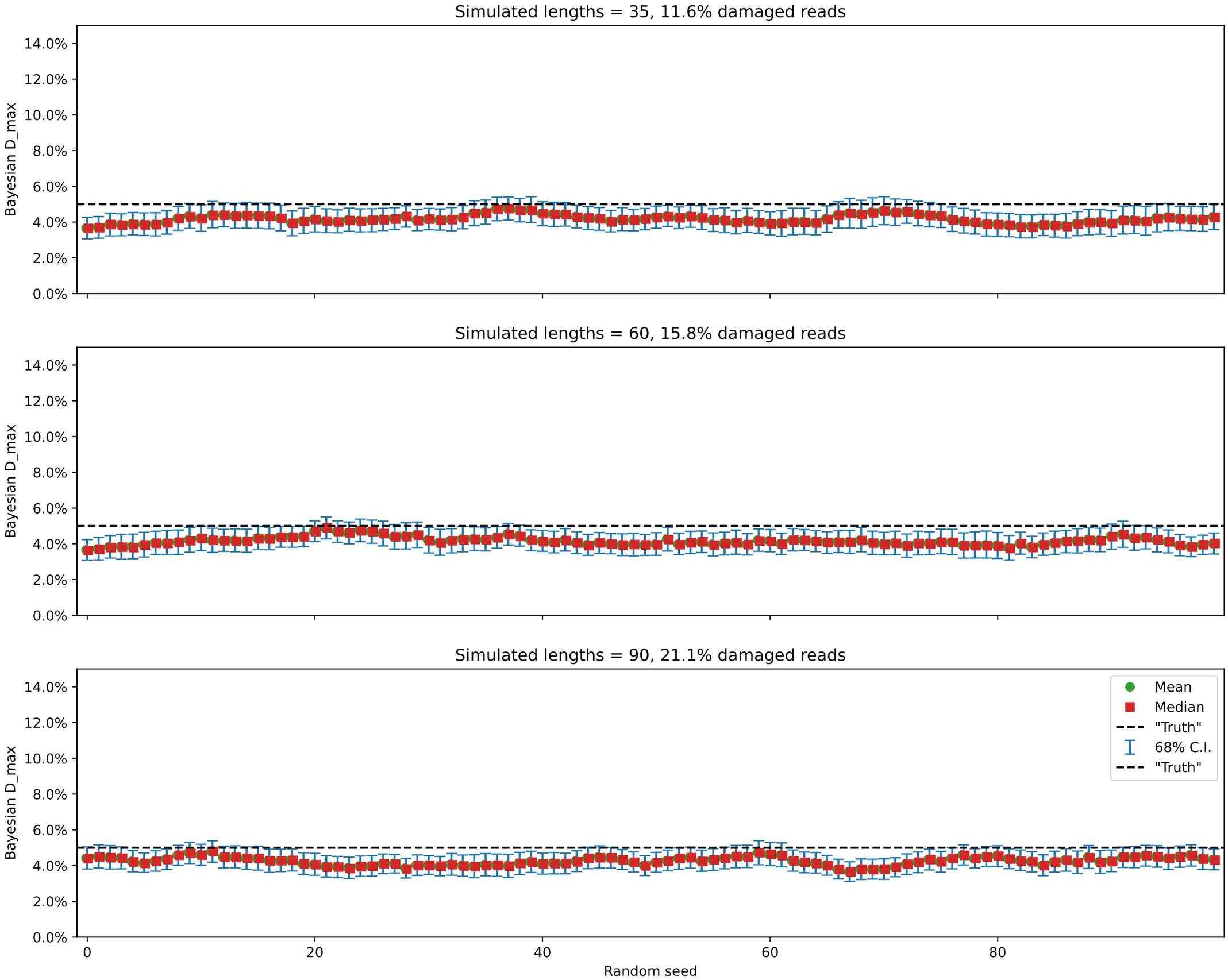
Simulated lengths = 60, 15.9% damaged reads



Simulated lengths = 90, 21.2% damaged reads

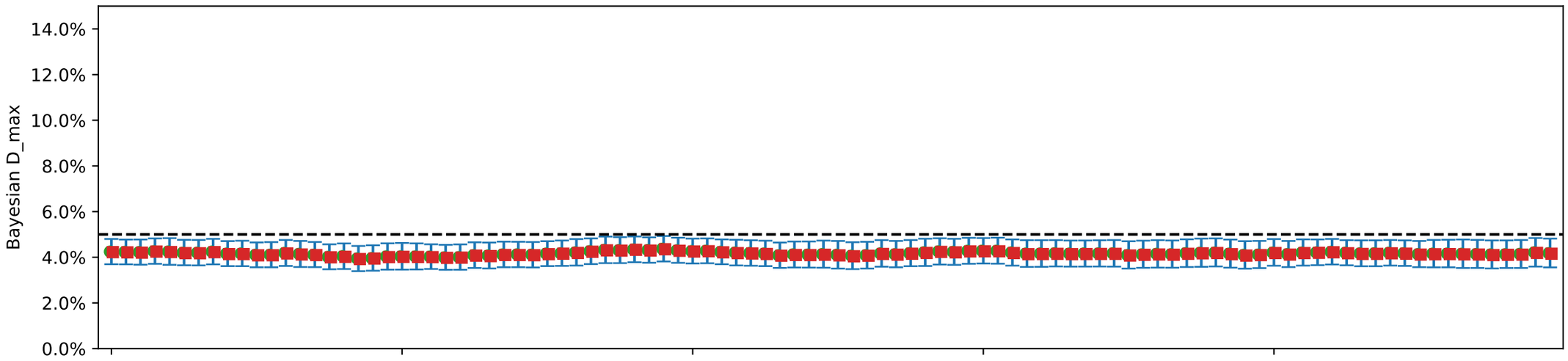


Species: homo
10000 reads
sim_damage = 0.138, damage = 5.00%

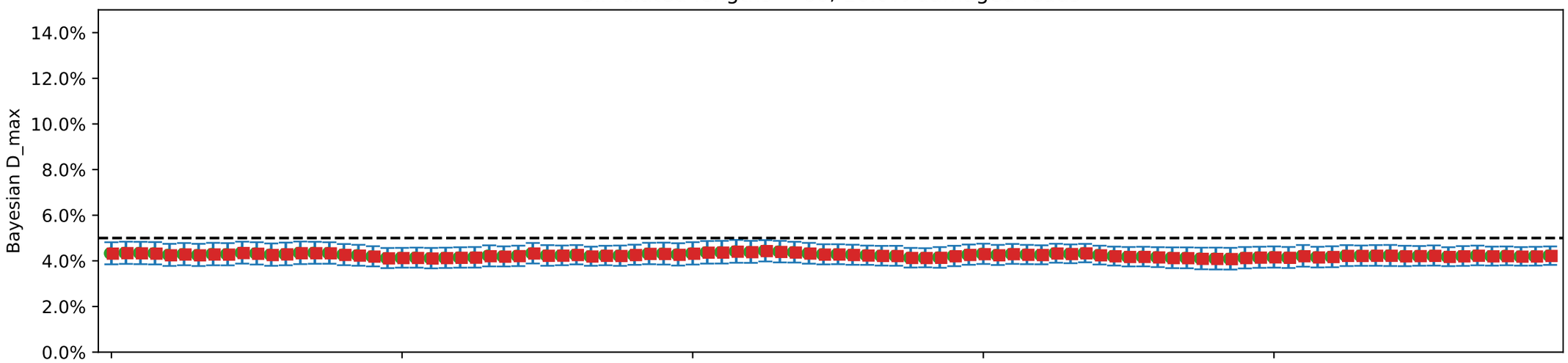


Species: homo
100000 reads
sim_damage = 0.138, damage = 5.00%

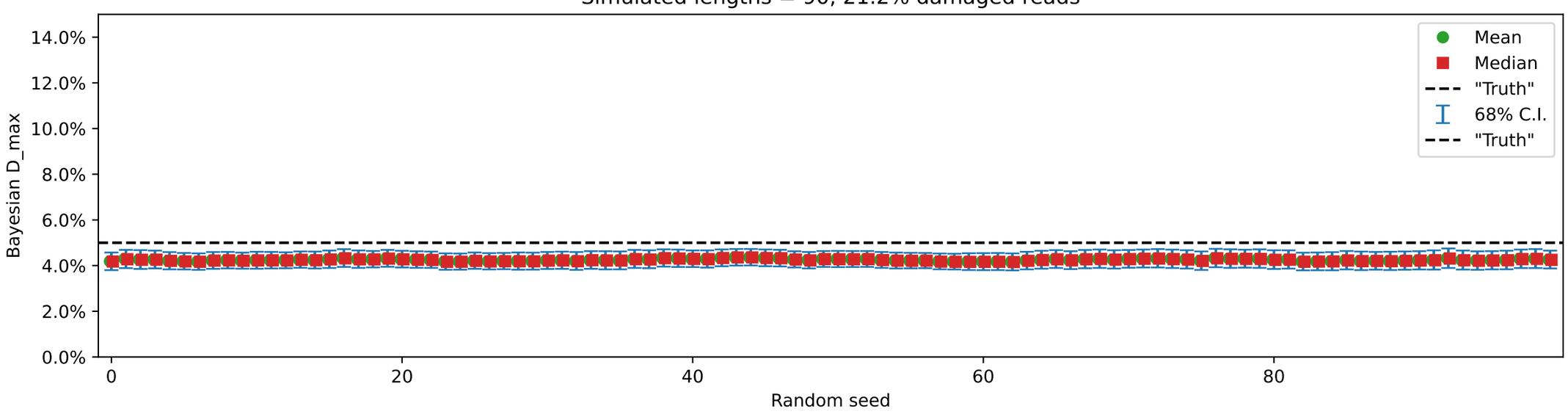
Simulated lengths = 35, 11.6% damaged reads



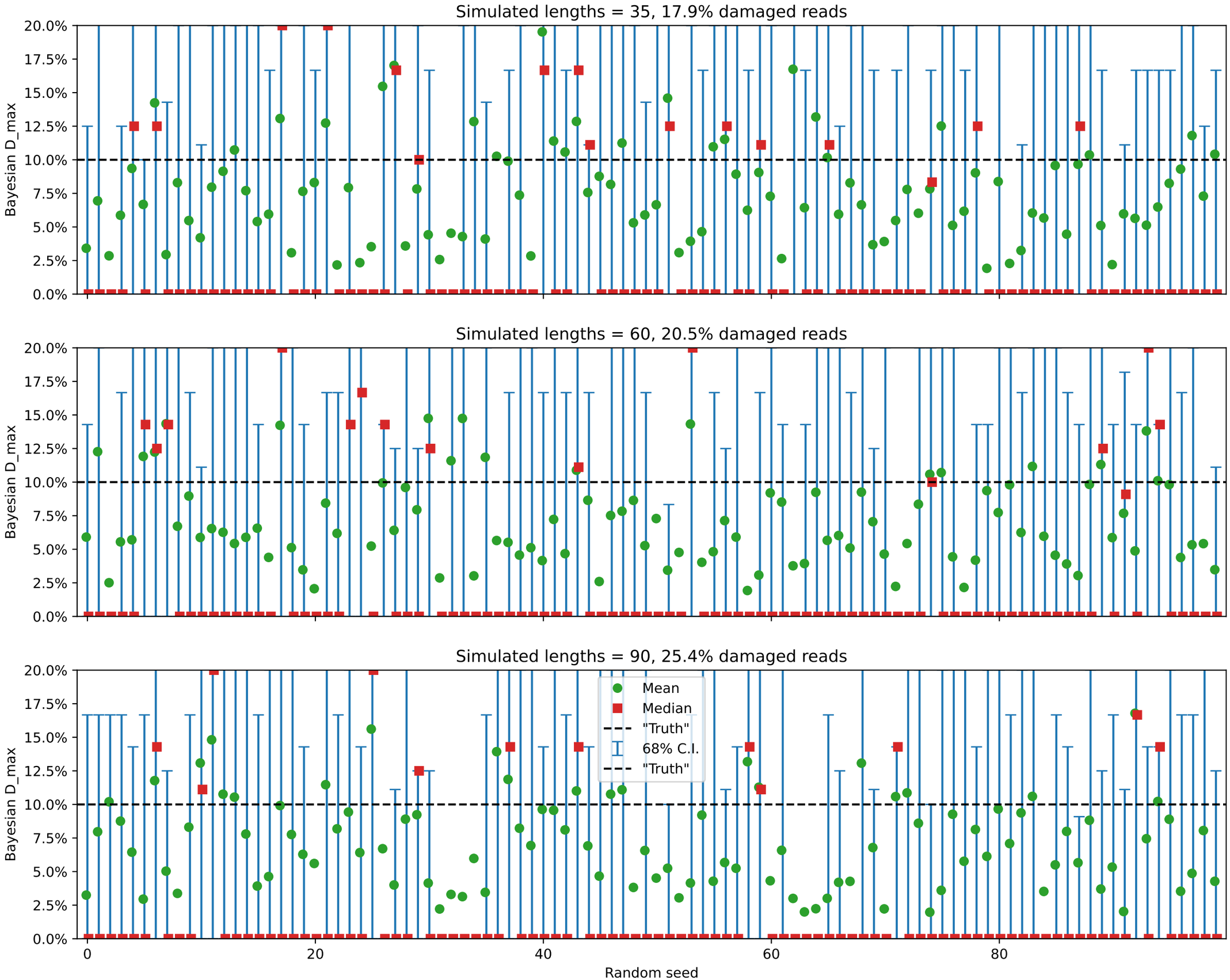
Simulated lengths = 60, 16.0% damaged reads



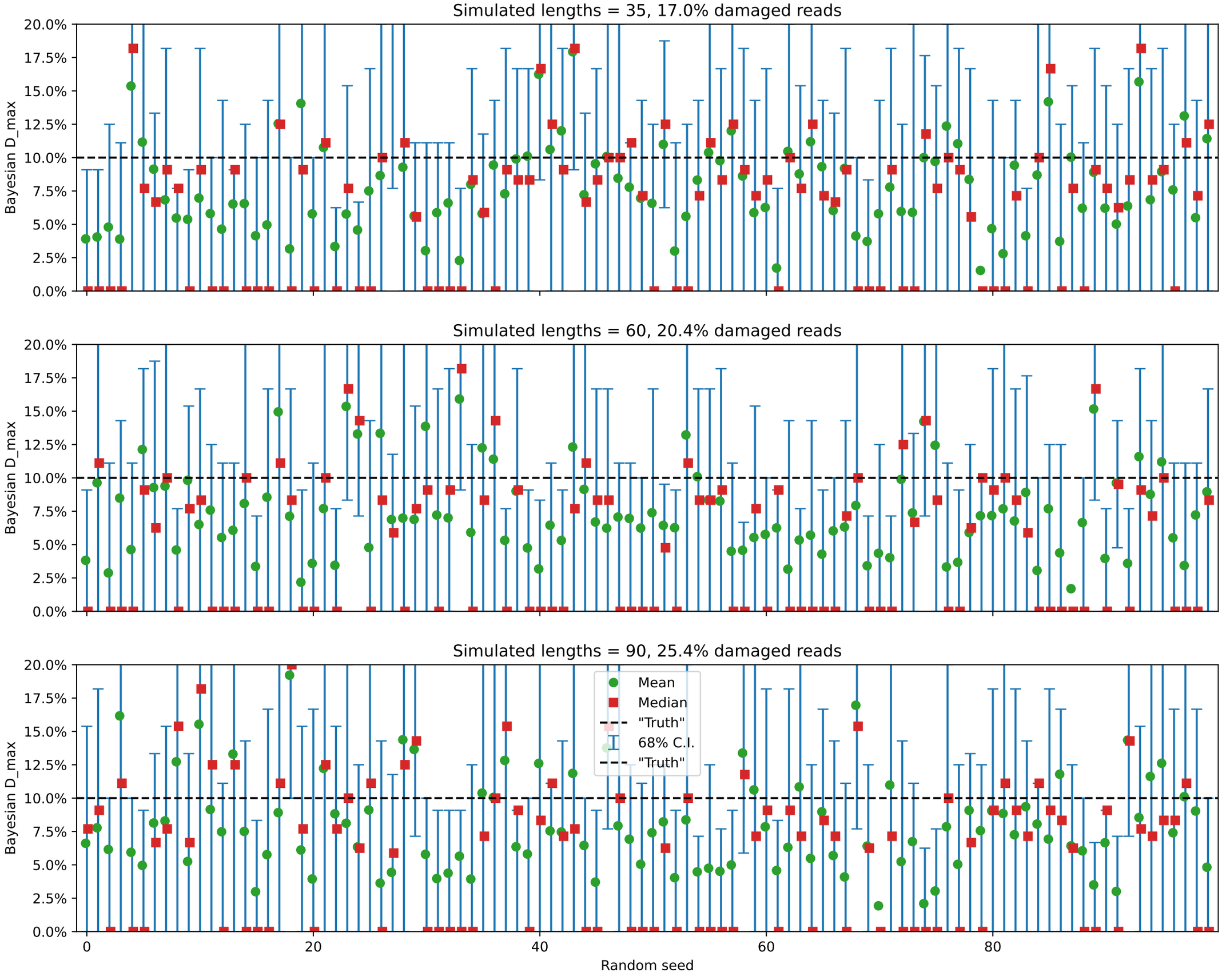
Simulated lengths = 90, 21.2% damaged reads



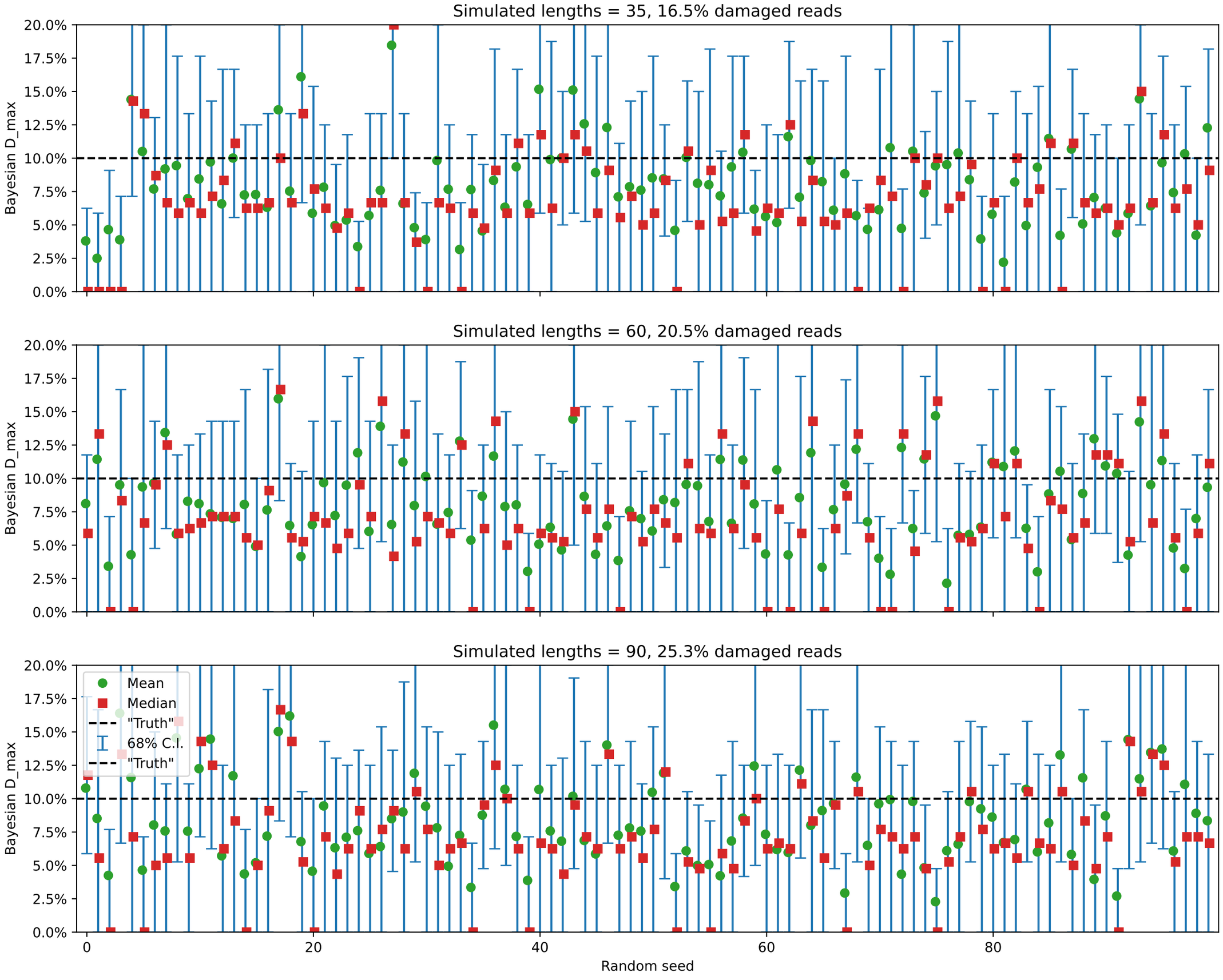
Species: homo
25 reads
sim_damage = 0.303, damage = 10.00%



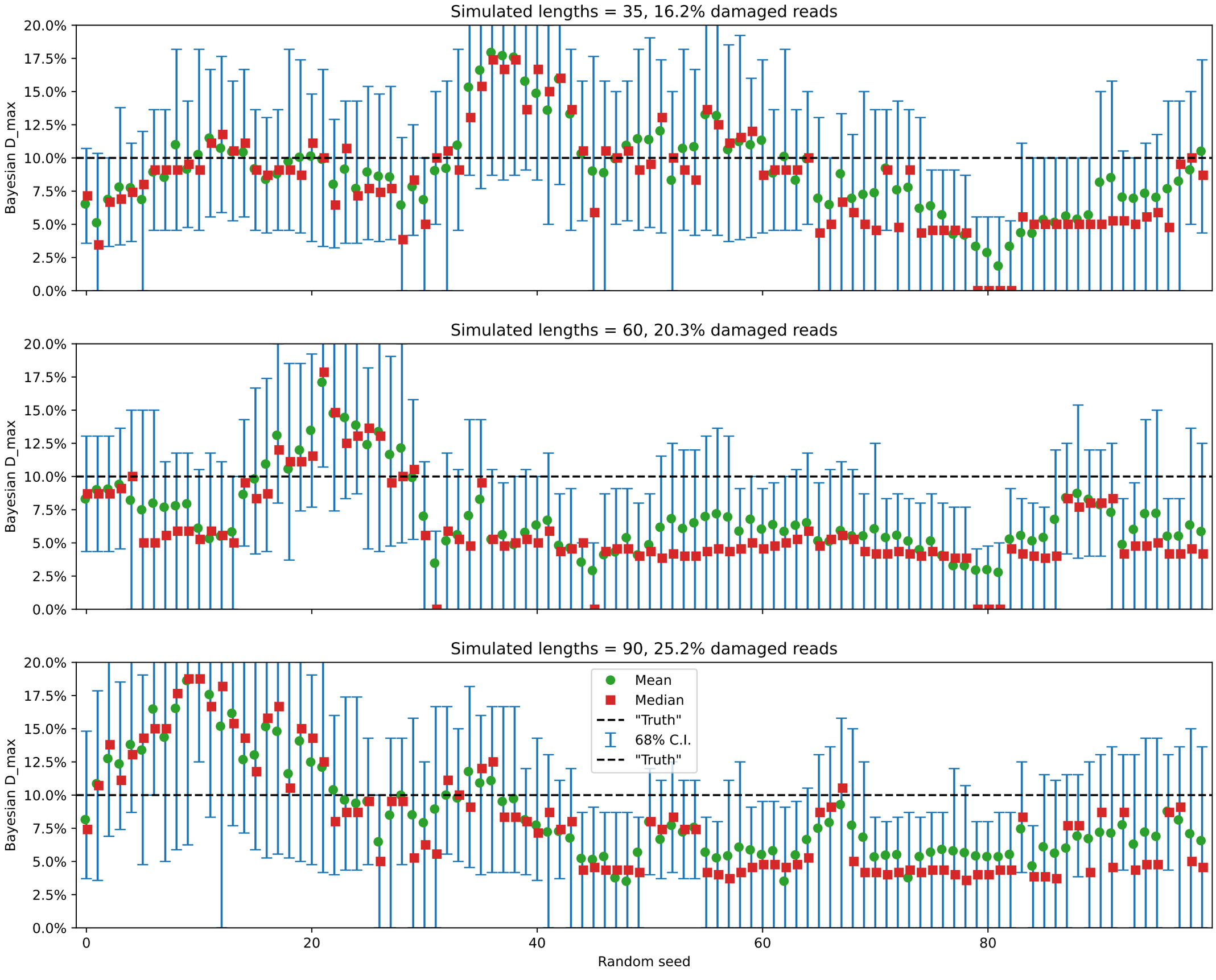
Species: homo
50 reads
sim_damage = 0.303, damage = 10.00%



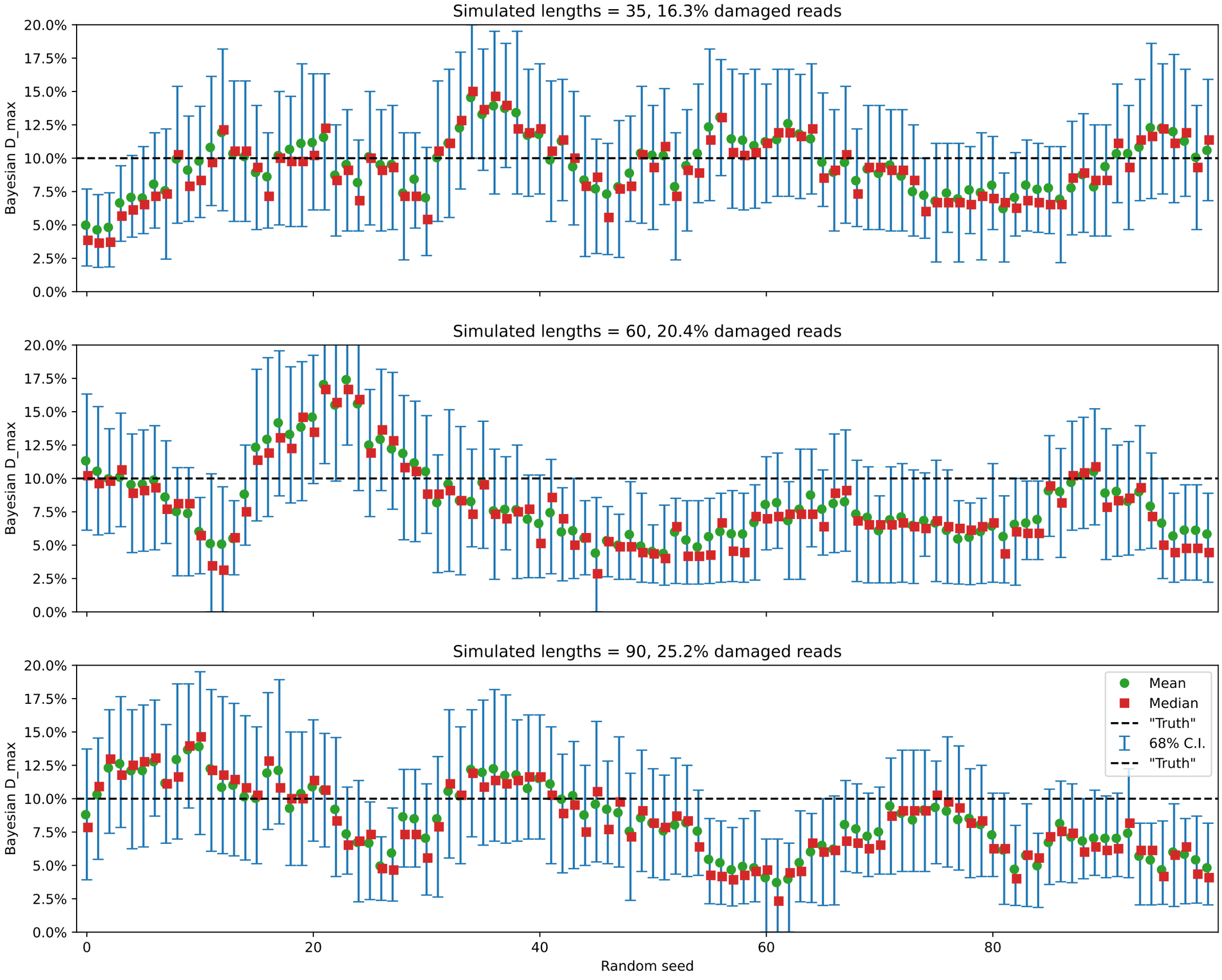
Species: homo
75 reads
sim_damage = 0.303, damage = 10.00%



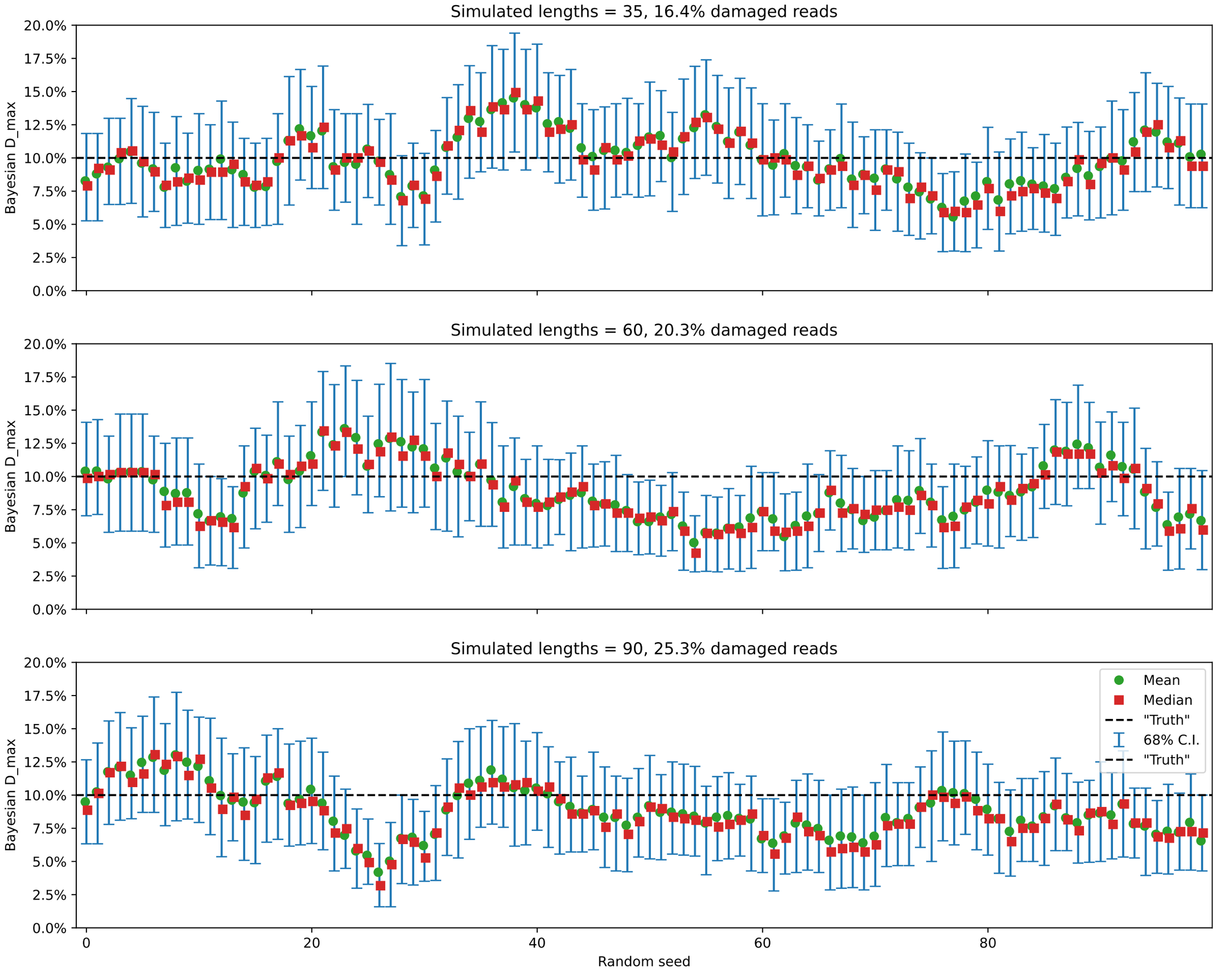
Species: homo
100 reads
sim_damage = 0.303, damage = 10.00%



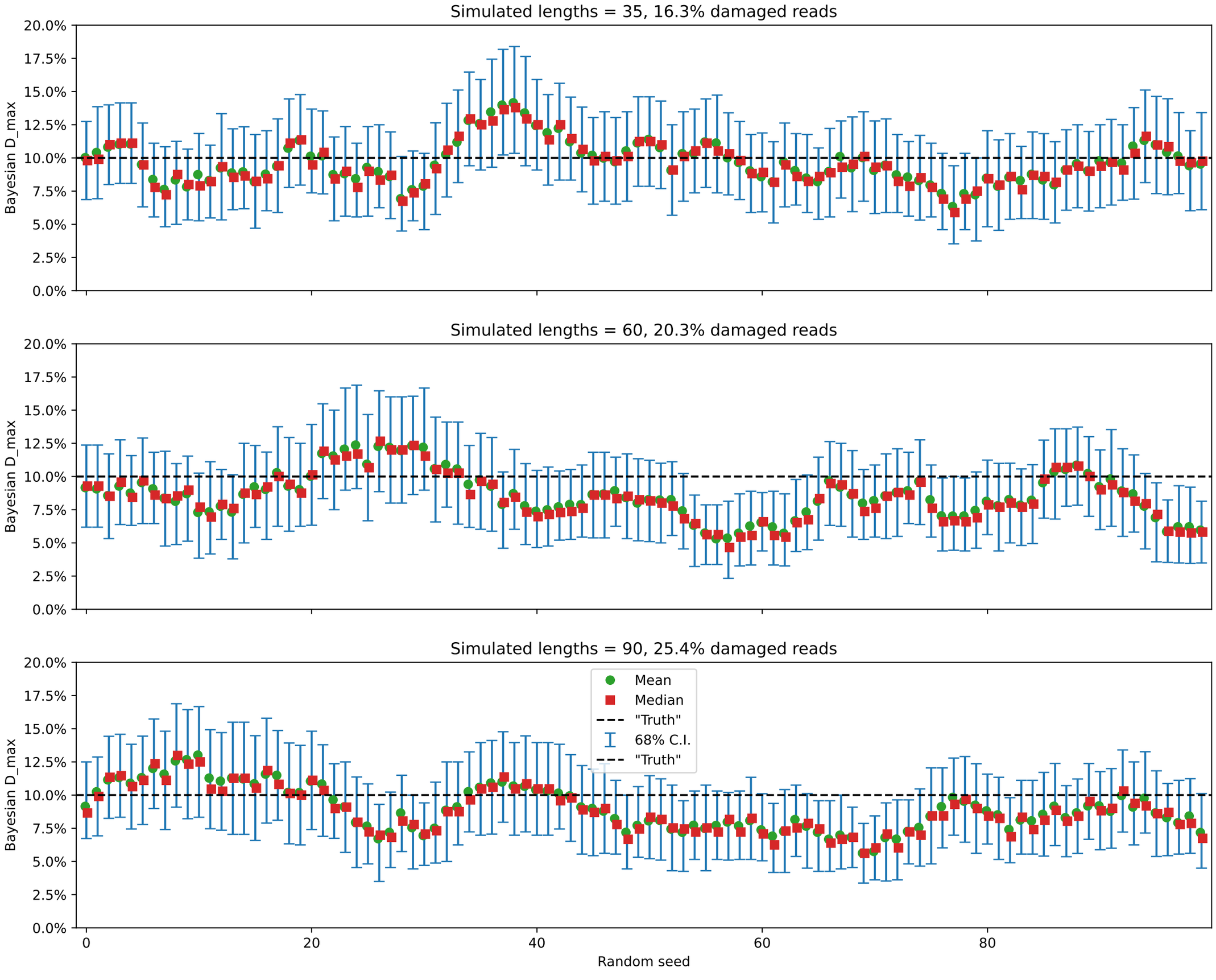
Species: homo
200 reads
sim_damage = 0.303, damage = 10.00%



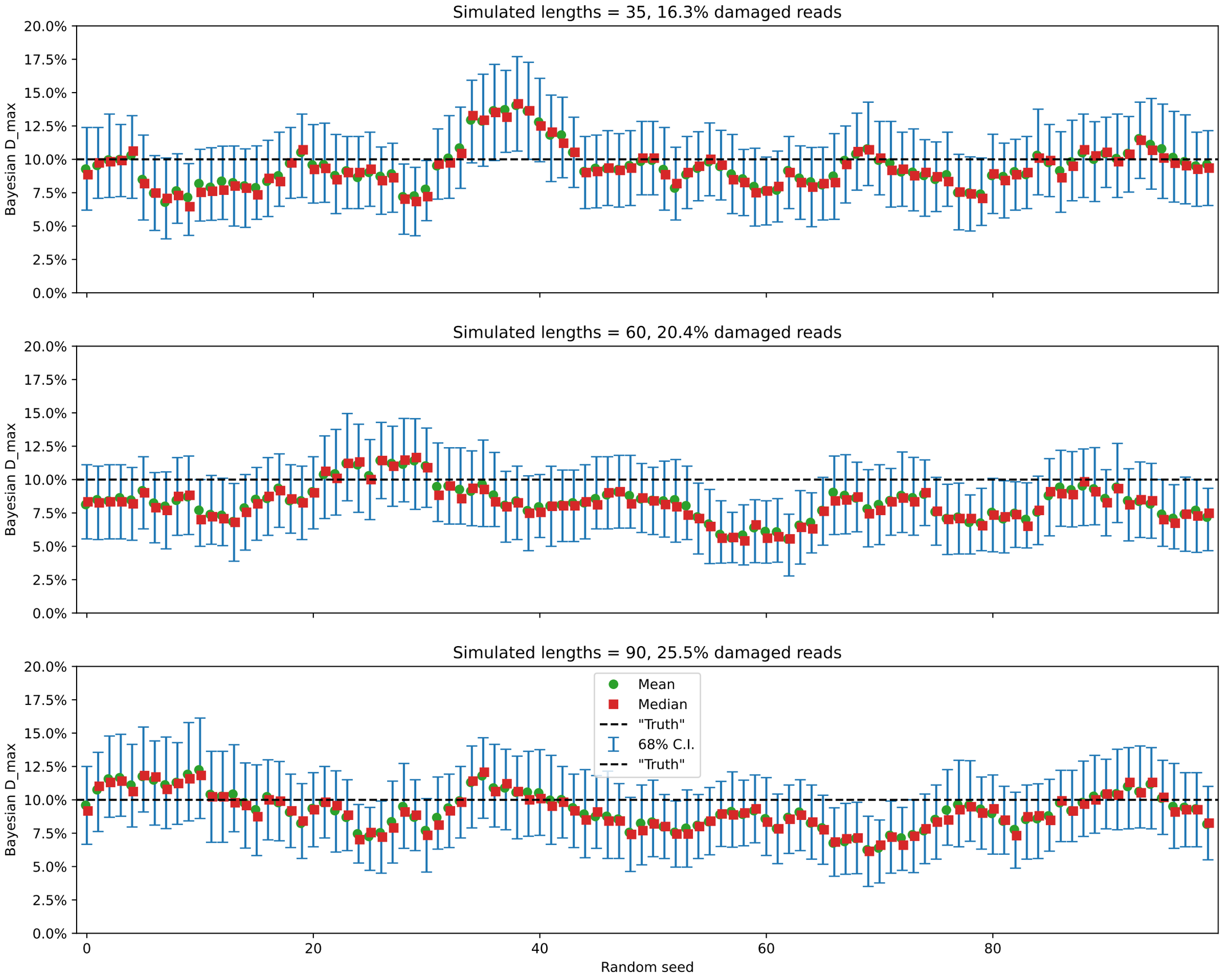
Species: homo
300 reads
sim_damage = 0.303, damage = 10.00%



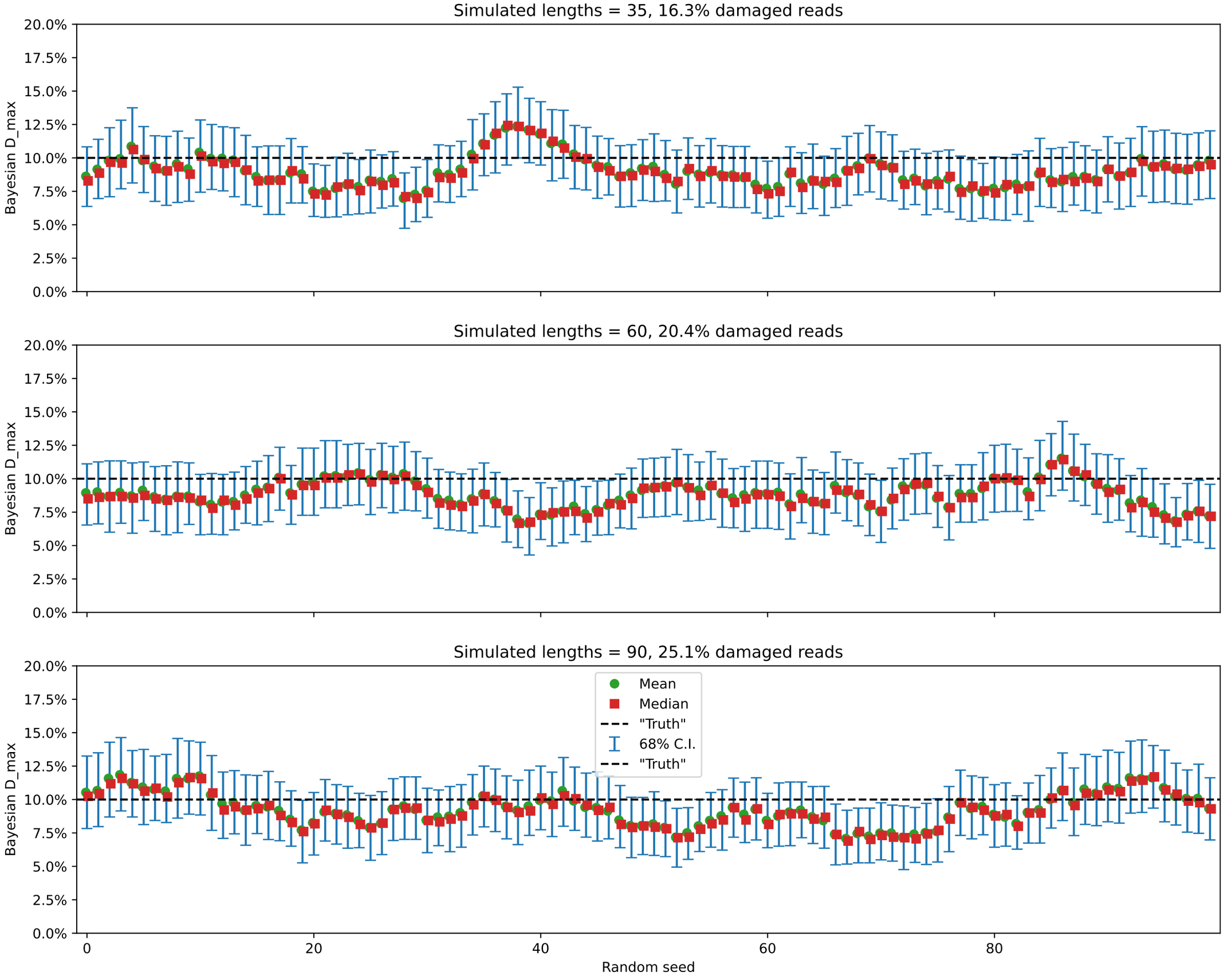
Species: homo
400 reads
sim_damage = 0.303, damage = 10.00%



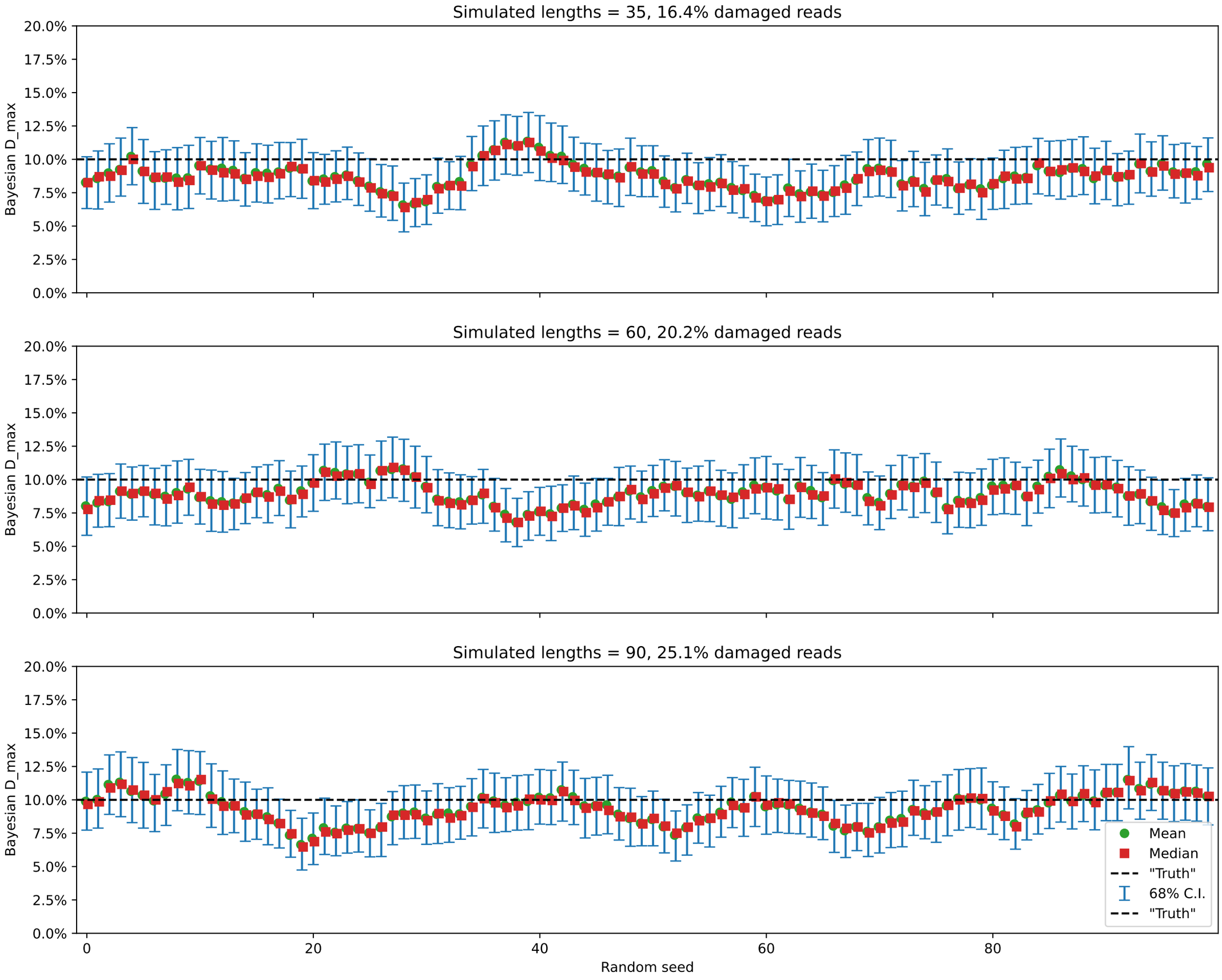
Species: homo
500 reads
sim_damage = 0.303, damage = 10.00%



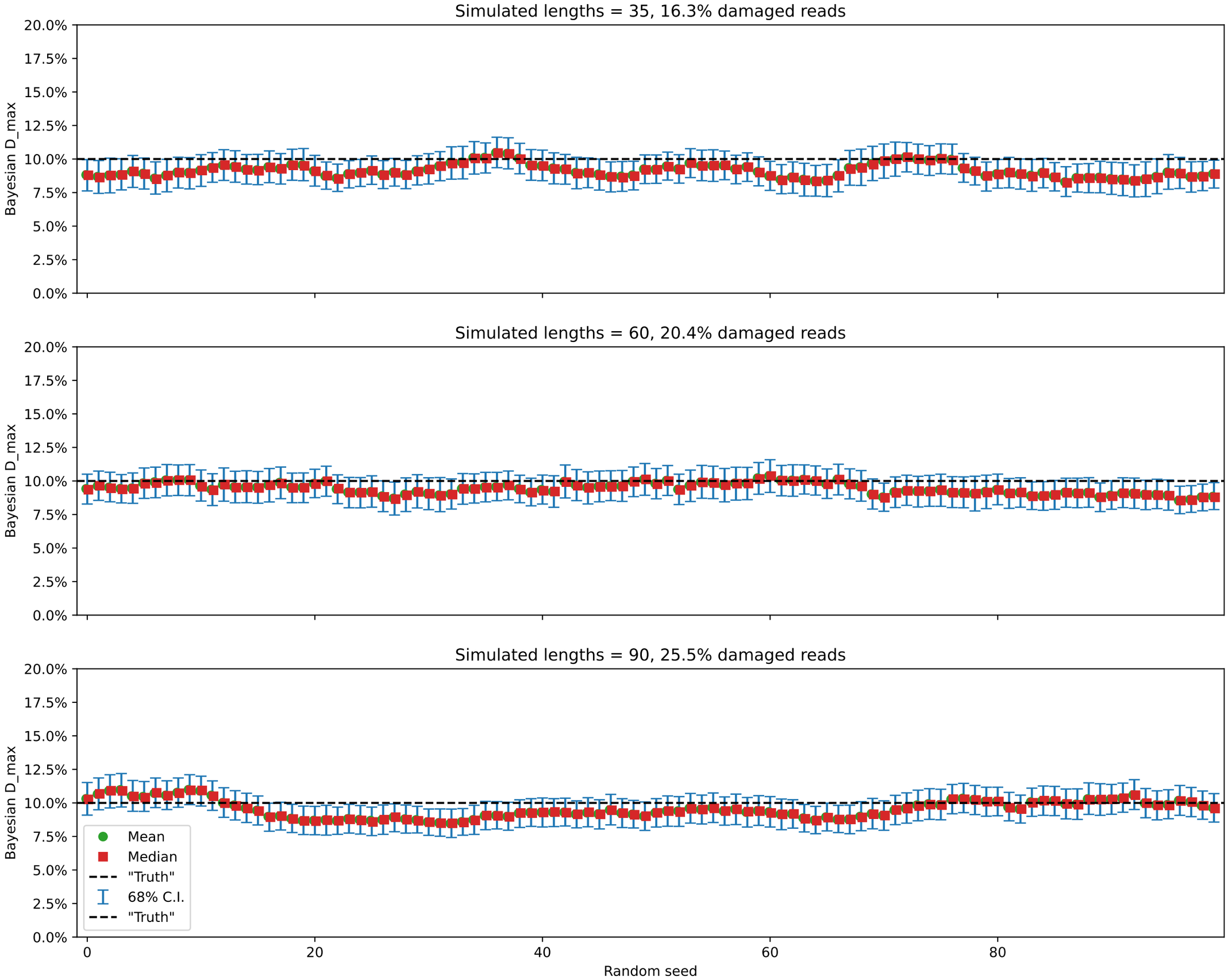
Species: homo
750 reads
sim_damage = 0.303, damage = 10.00%



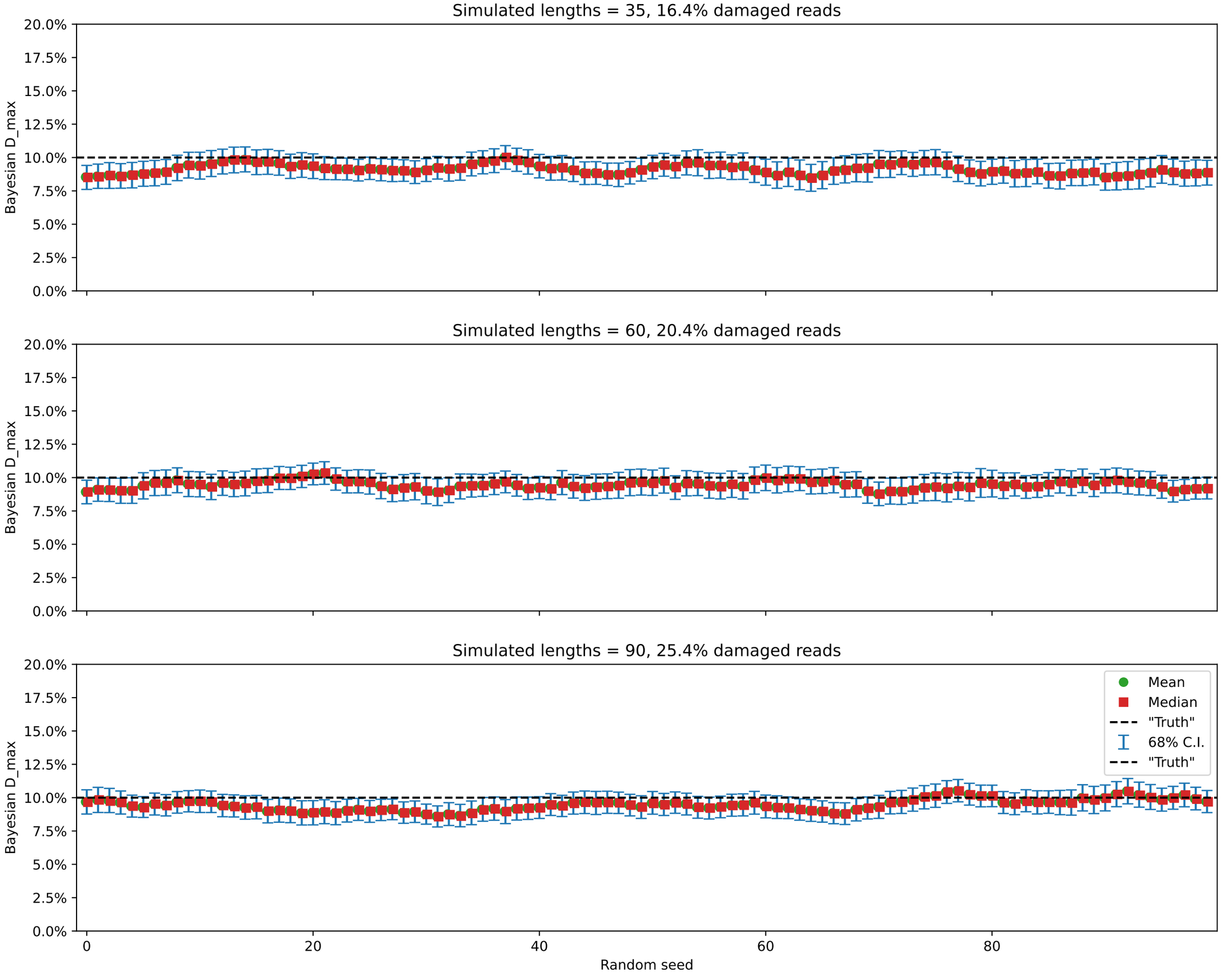
Species: homo
1000 reads
sim_damage = 0.303, damage = 10.00%



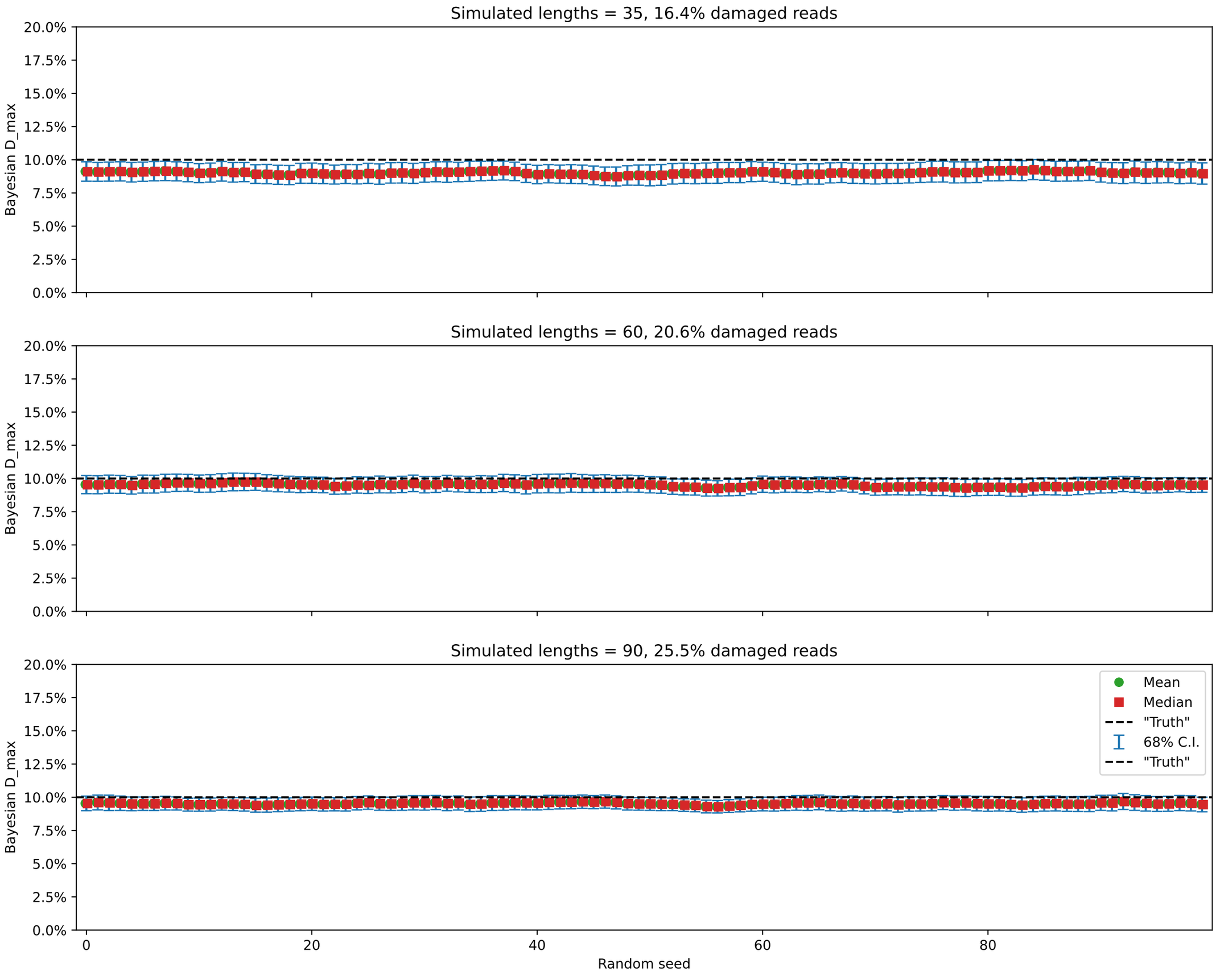
Species: homo
5000 reads
sim_damage = 0.303, damage = 10.00%



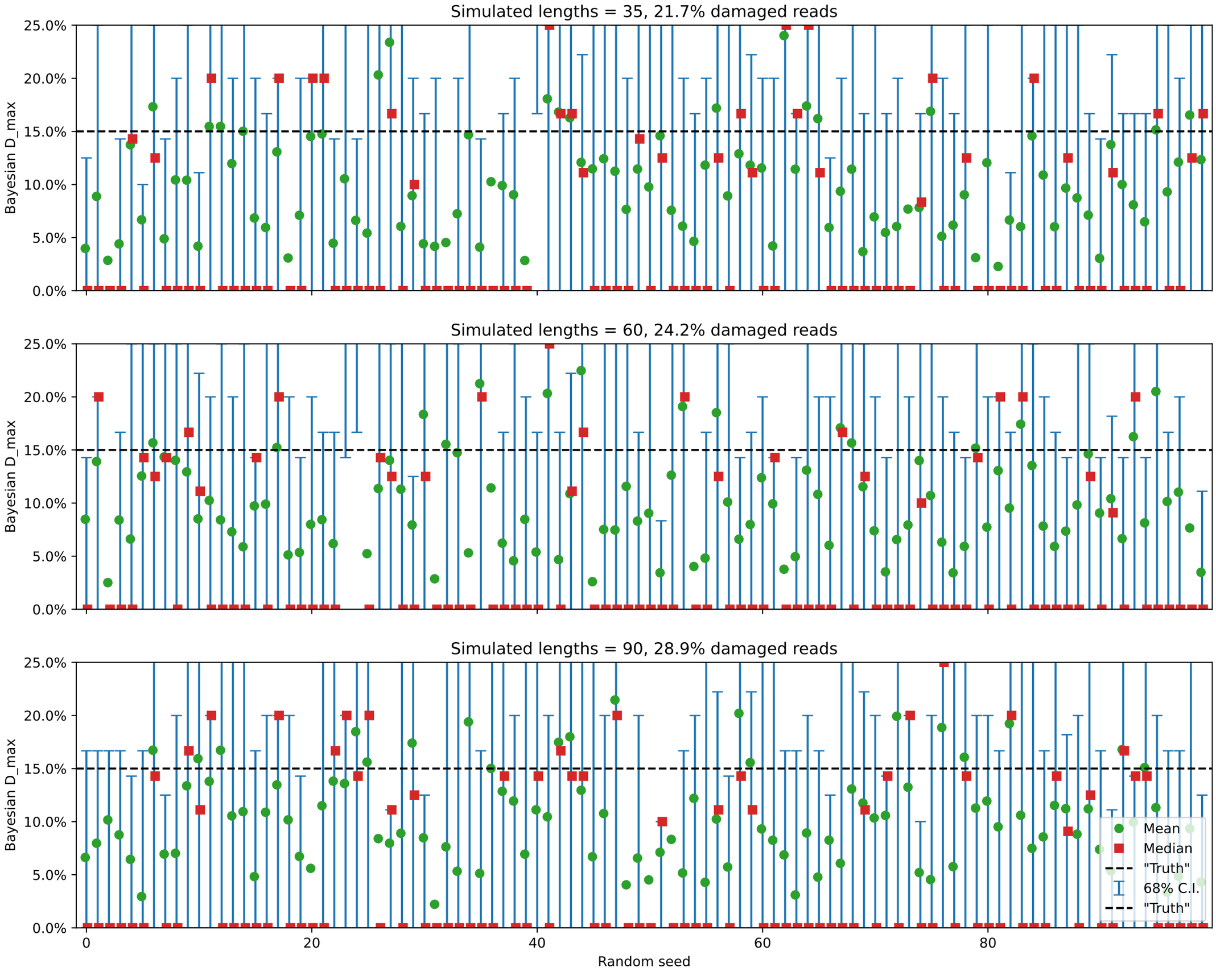
Species: homo
10000 reads
sim_damage = 0.303, damage = 10.00%



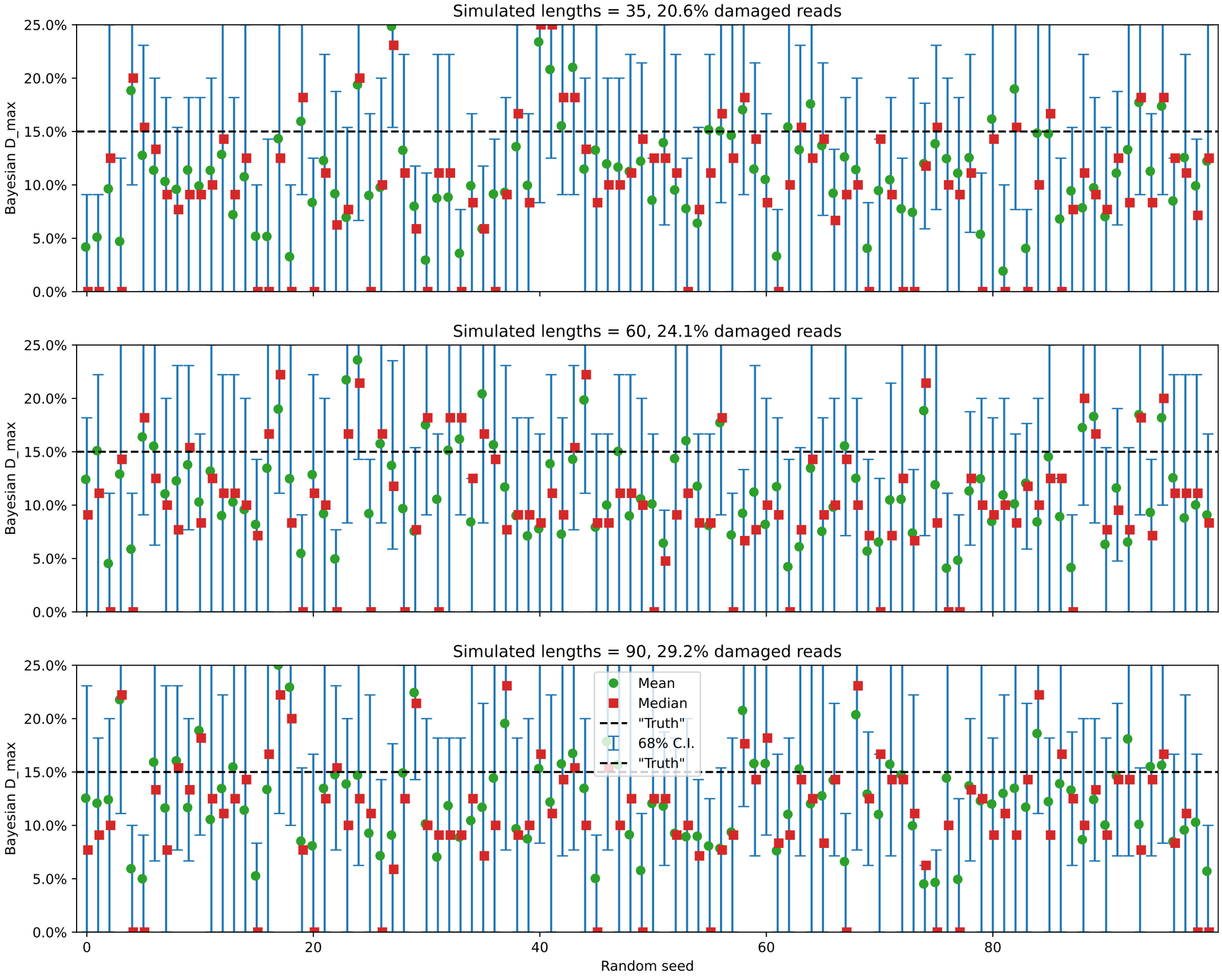
Species: homo
100000 reads
sim_damage = 0.303, damage = 10.00%



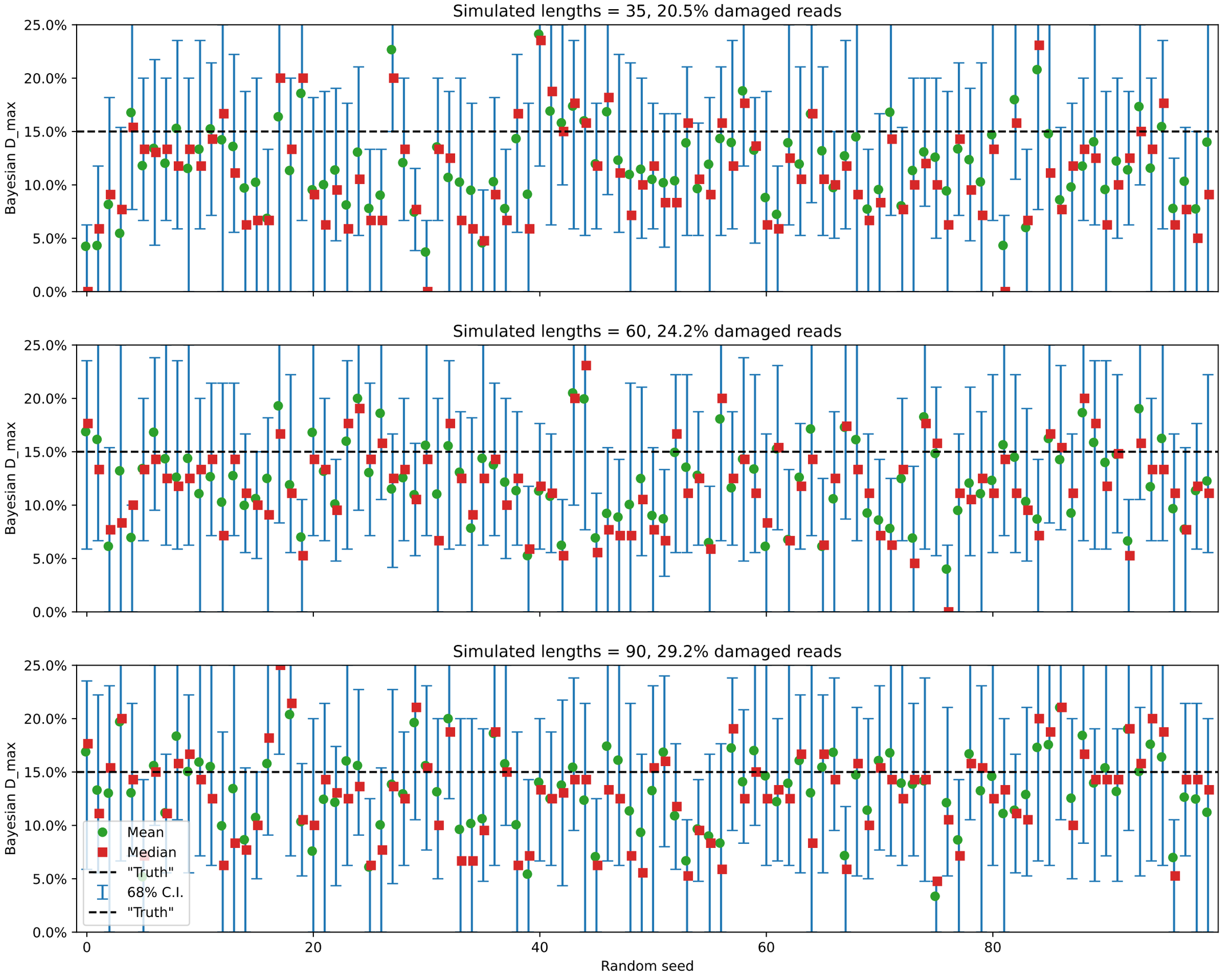
Species: homo
25 reads
sim_damage = 0.466, damage = 15.00%



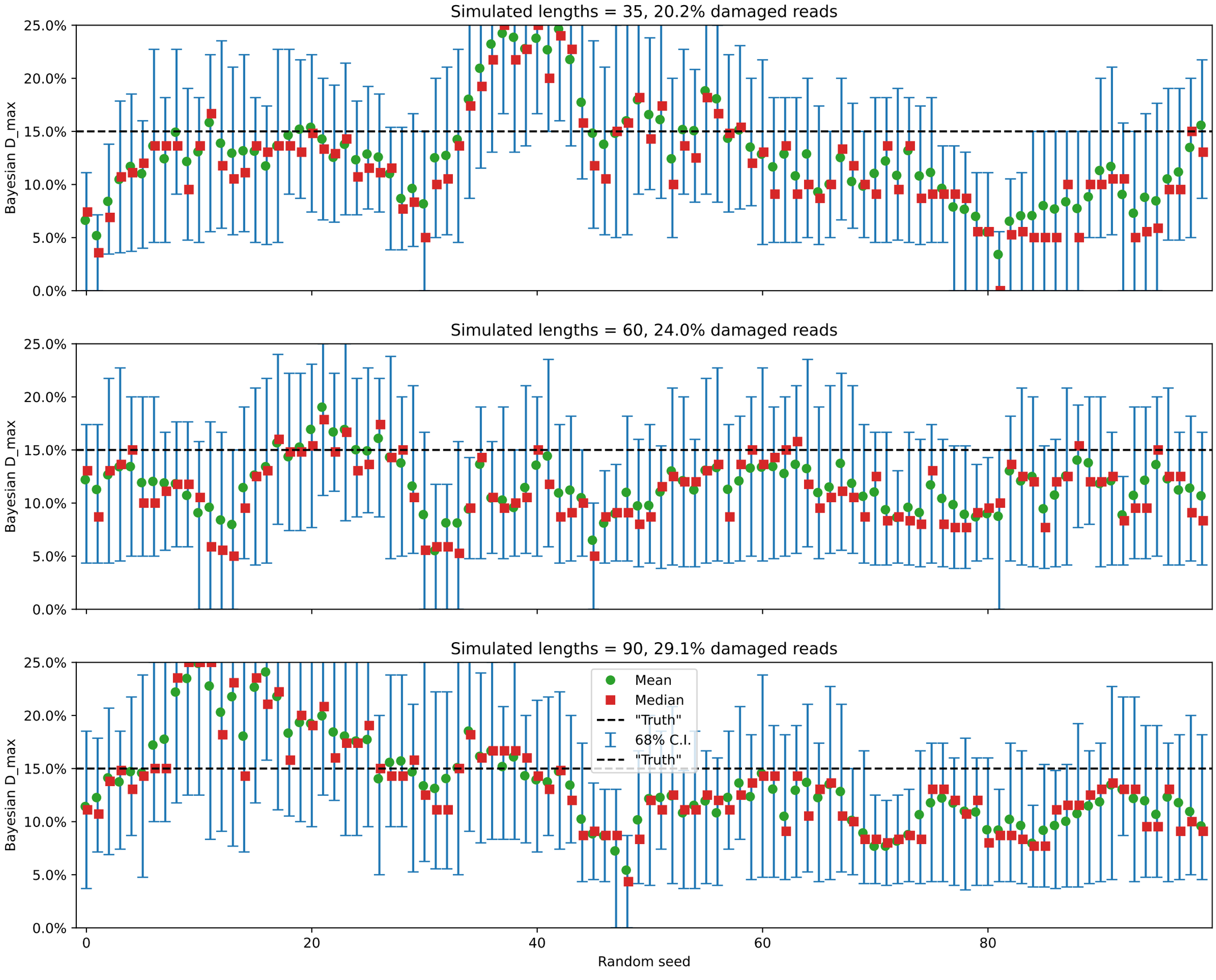
Species: homo
50 reads
sim_damage = 0.466, damage = 15.00%



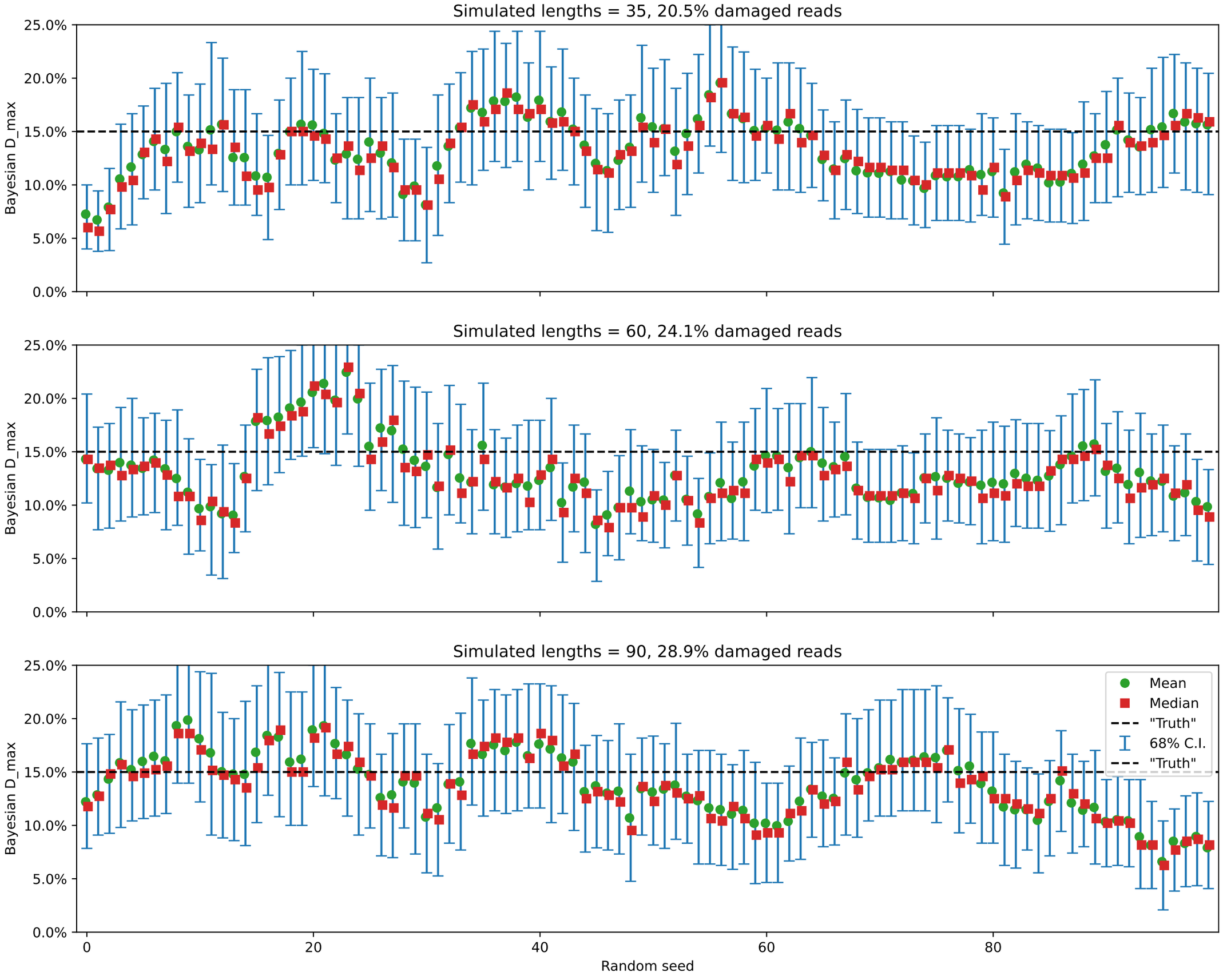
Species: homo
75 reads
sim_damage = 0.466, damage = 15.00%



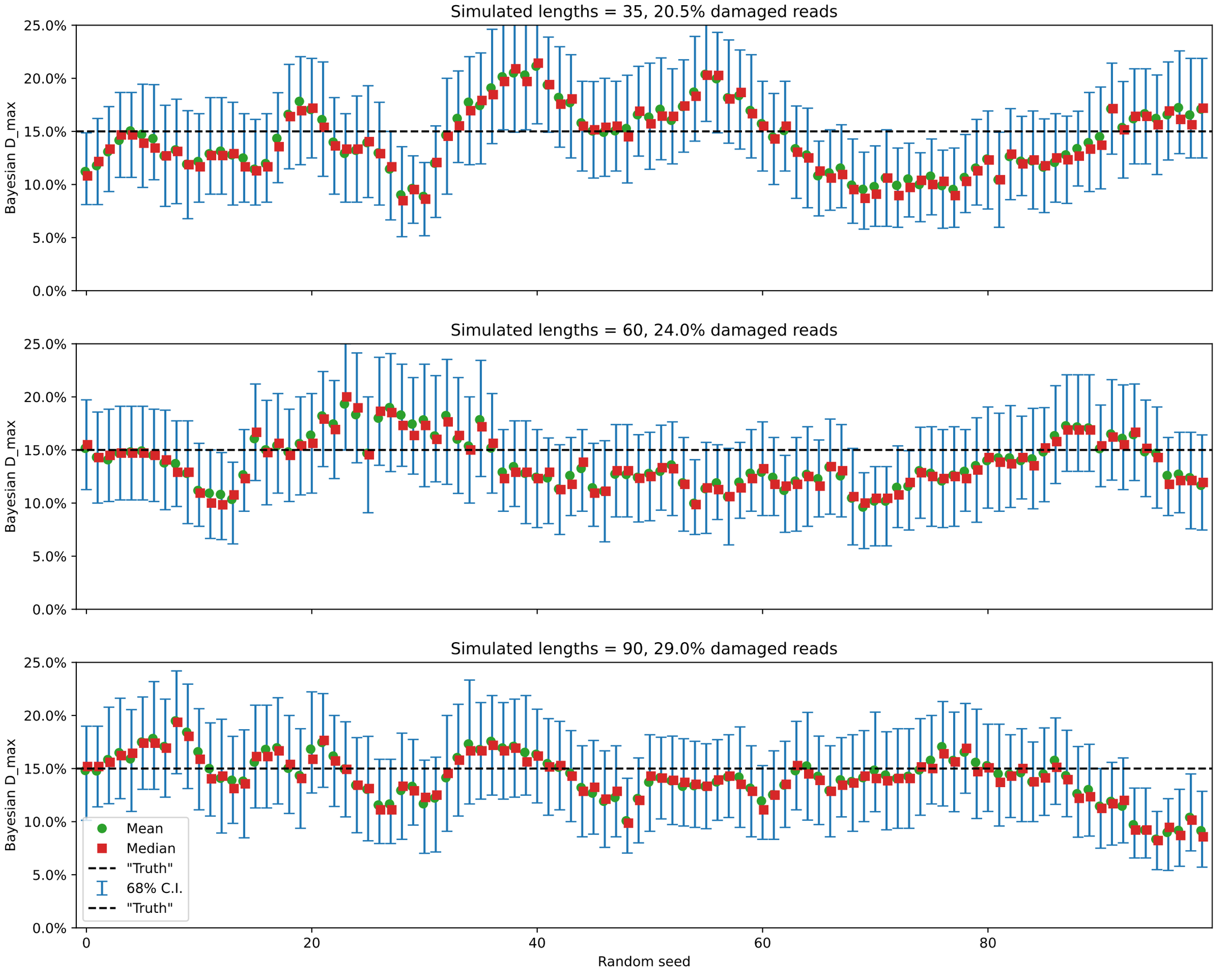
Species: homo
100 reads
sim_damage = 0.466, damage = 15.00%



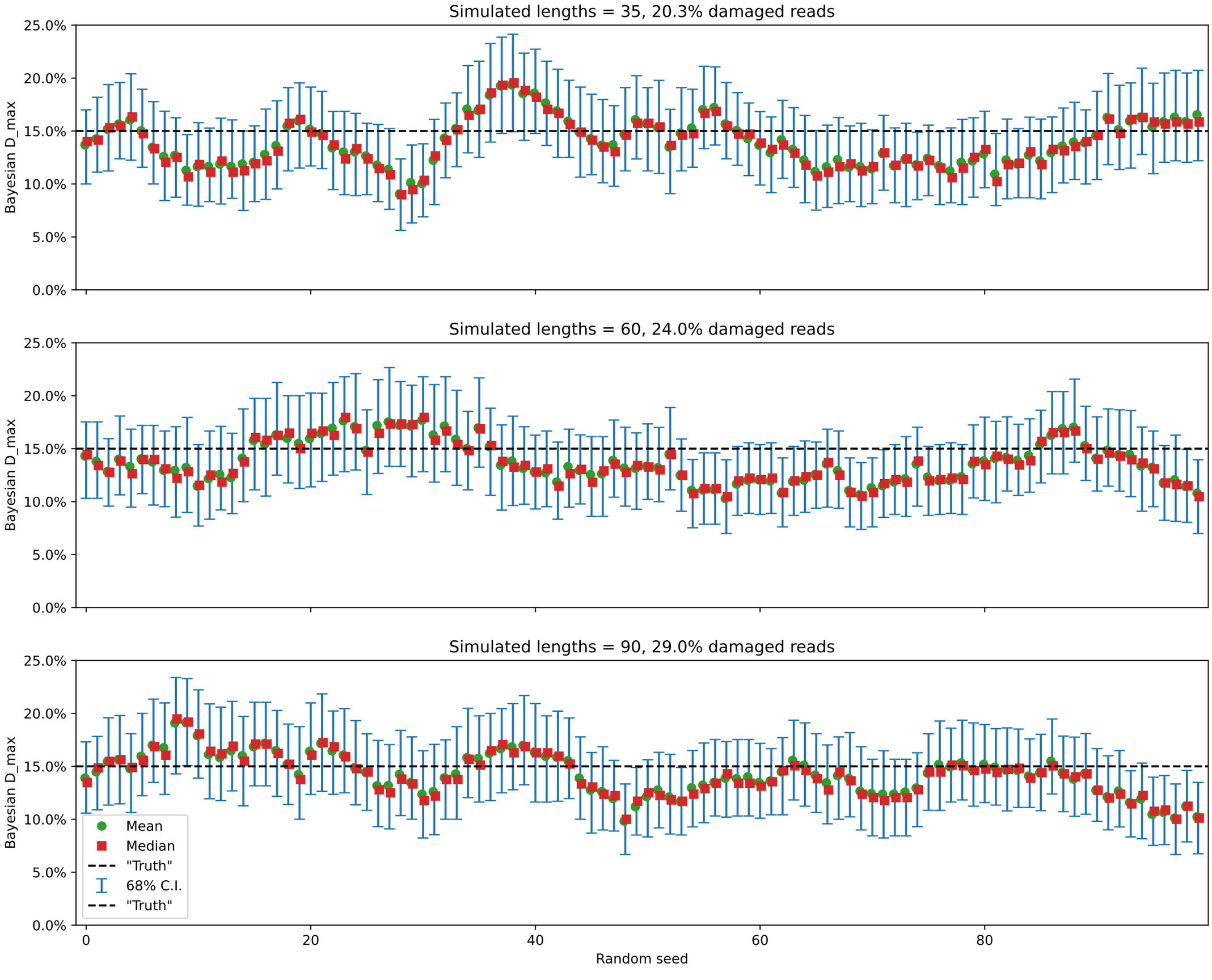
Species: homo
200 reads
sim_damage = 0.466, damage = 15.00%



Species: homo
300 reads
sim_damage = 0.466, damage = 15.00%



Species: homo
400 reads
sim_damage = 0.466, damage = 15.00%

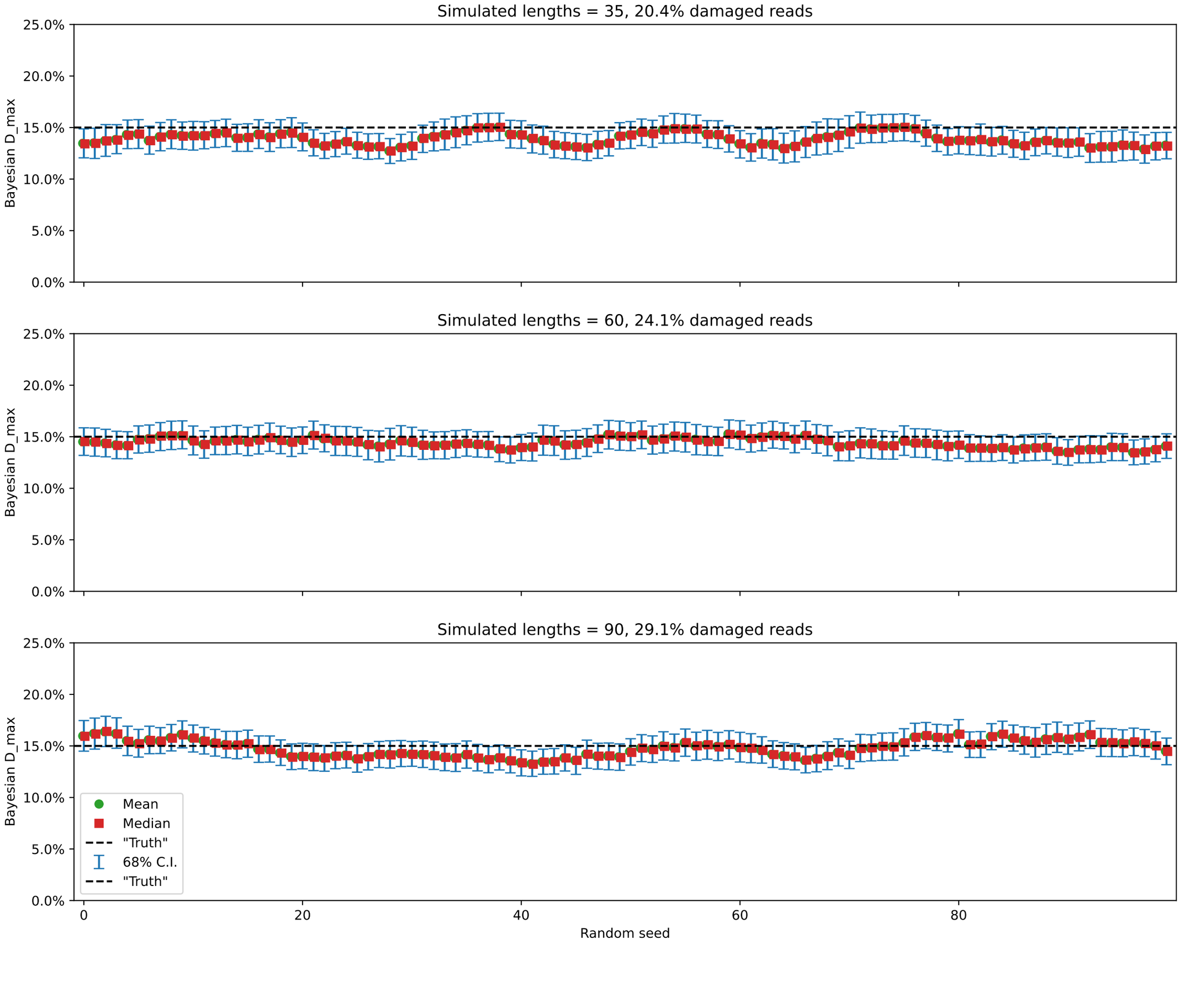


Species: homo
500 reads
sim_damage = 0.466, damage = 15.00%

Species: homo
750 reads
sim_damage = 0.466, damage = 15.00%

Species: homo
1000 reads
sim_damage = 0.466, damage = 15.00%

Species: homo
5000 reads
sim_damage = 0.466, damage = 15.00%



Species: homo
10000 reads
sim_damage = 0.466, damage = 15.00%

Simulated lengths = 35, 20.4% damaged reads

Simulated lengths = 60, 24.2% damaged reads

Simulated lengths = 90, 29.0% damaged reads

Bayesian D_max

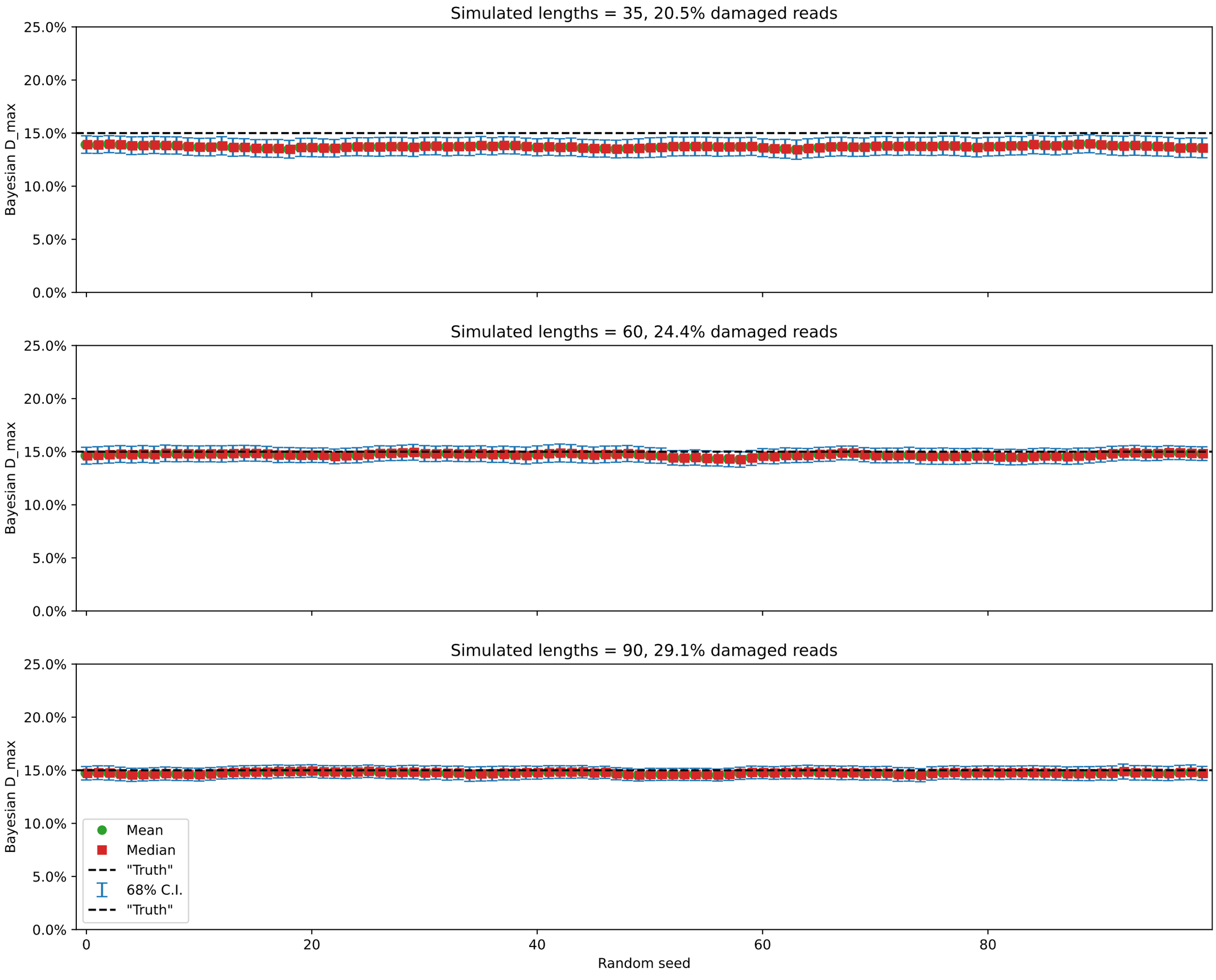
25.0%
20.0%
15.0%
10.0%
5.0%
0.0%

Mean
Median
"Truth"
68% C.I.
"Truth"

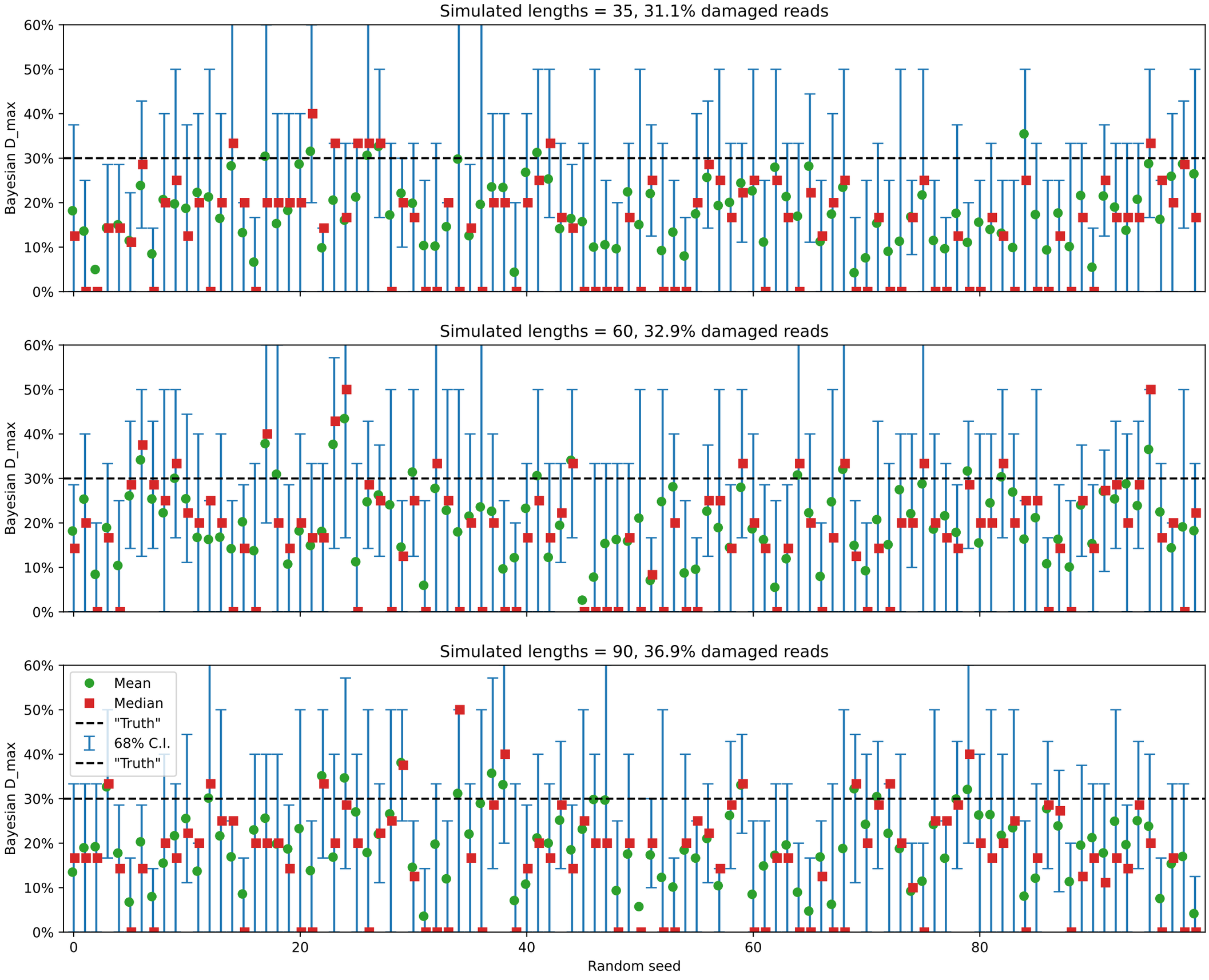
0
20
40
60
80

Random seed

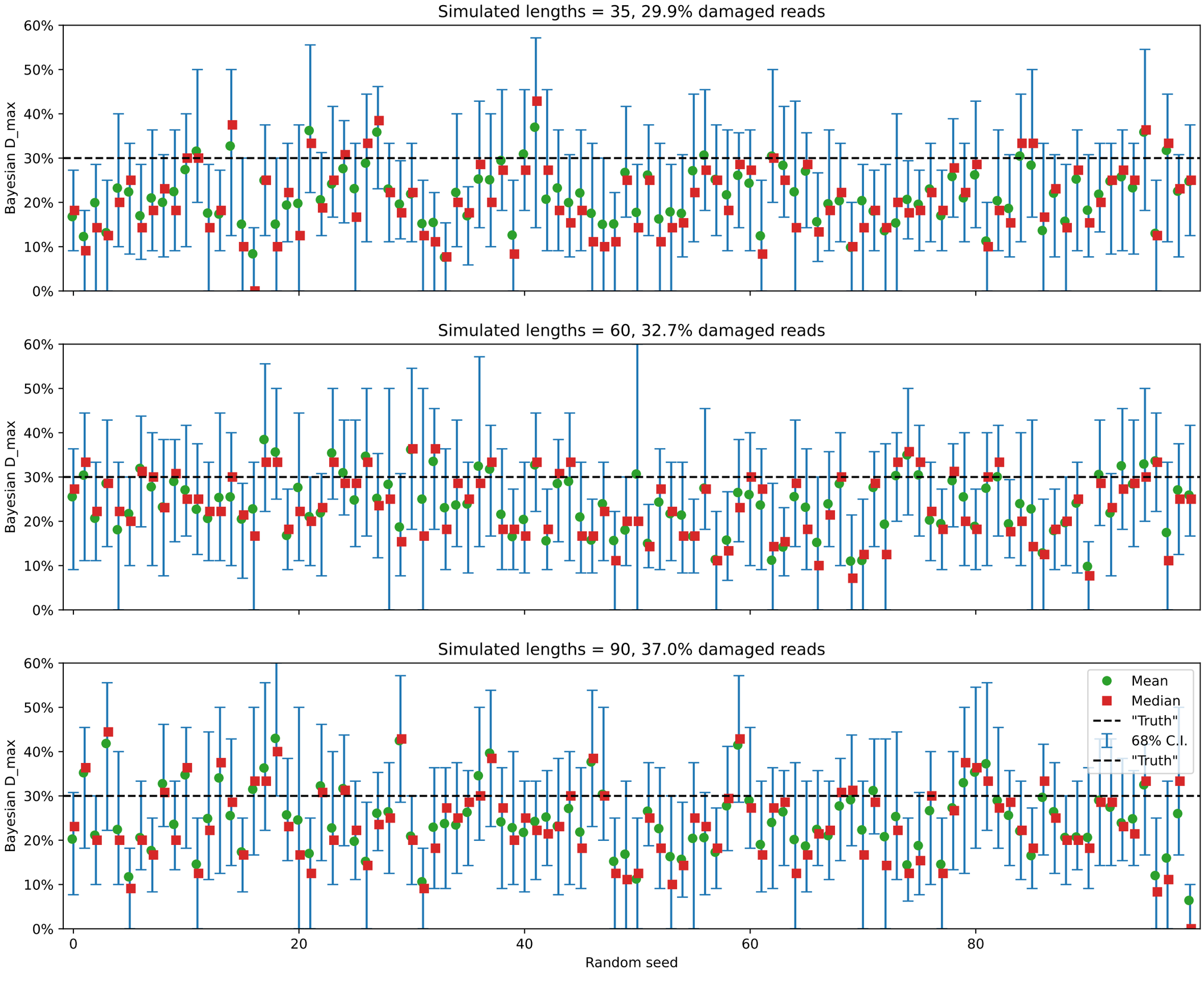
Species: homo
100000 reads
sim_damage = 0.466, damage = 15.00%



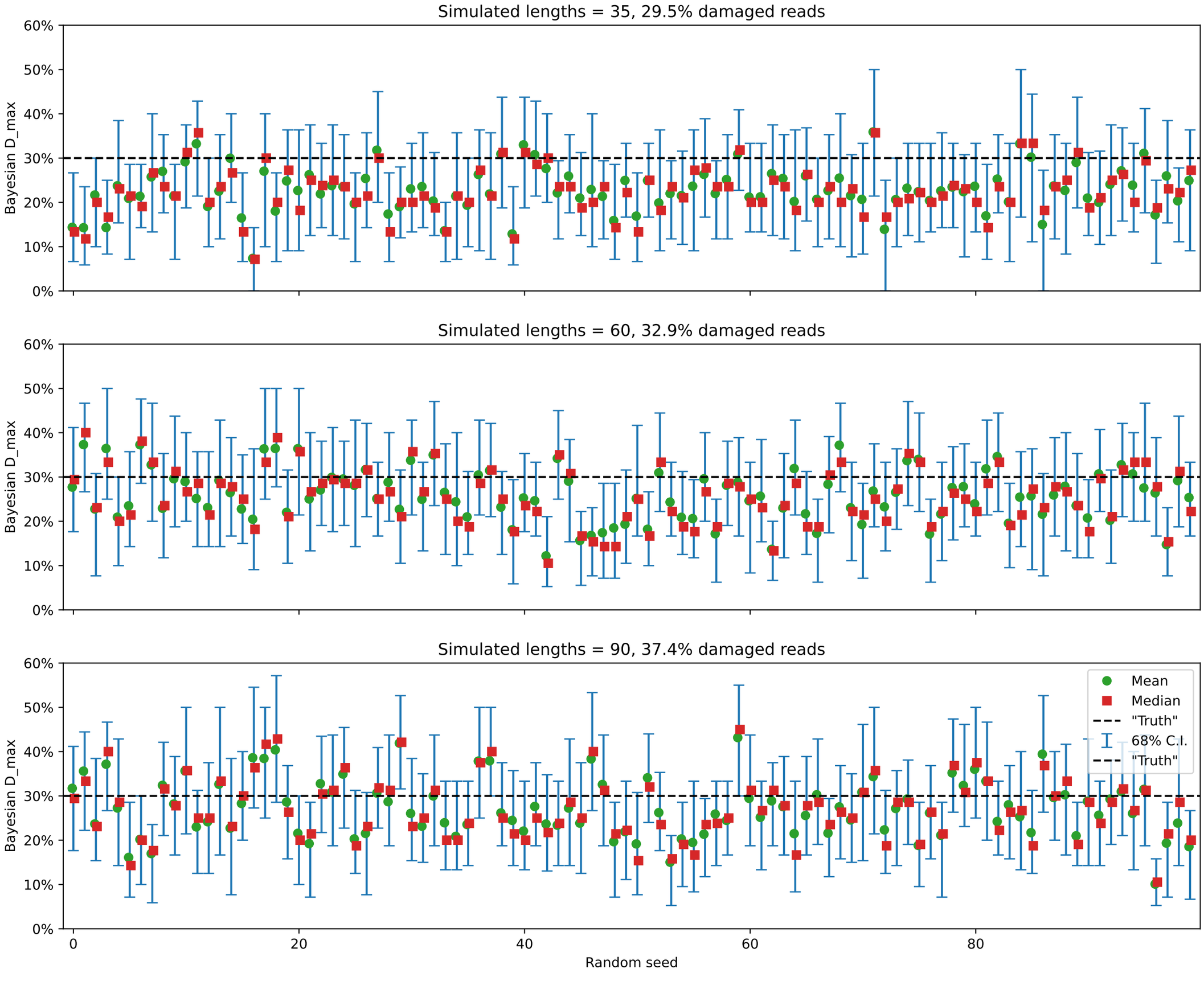
Species: homo
25 reads
sim_damage = 0.96, damage = 30.00%



Species: homo
50 reads
sim_damage = 0.96, damage = 30.00%



Species: homo
75 reads
sim_damage = 0.96, damage = 30.00%

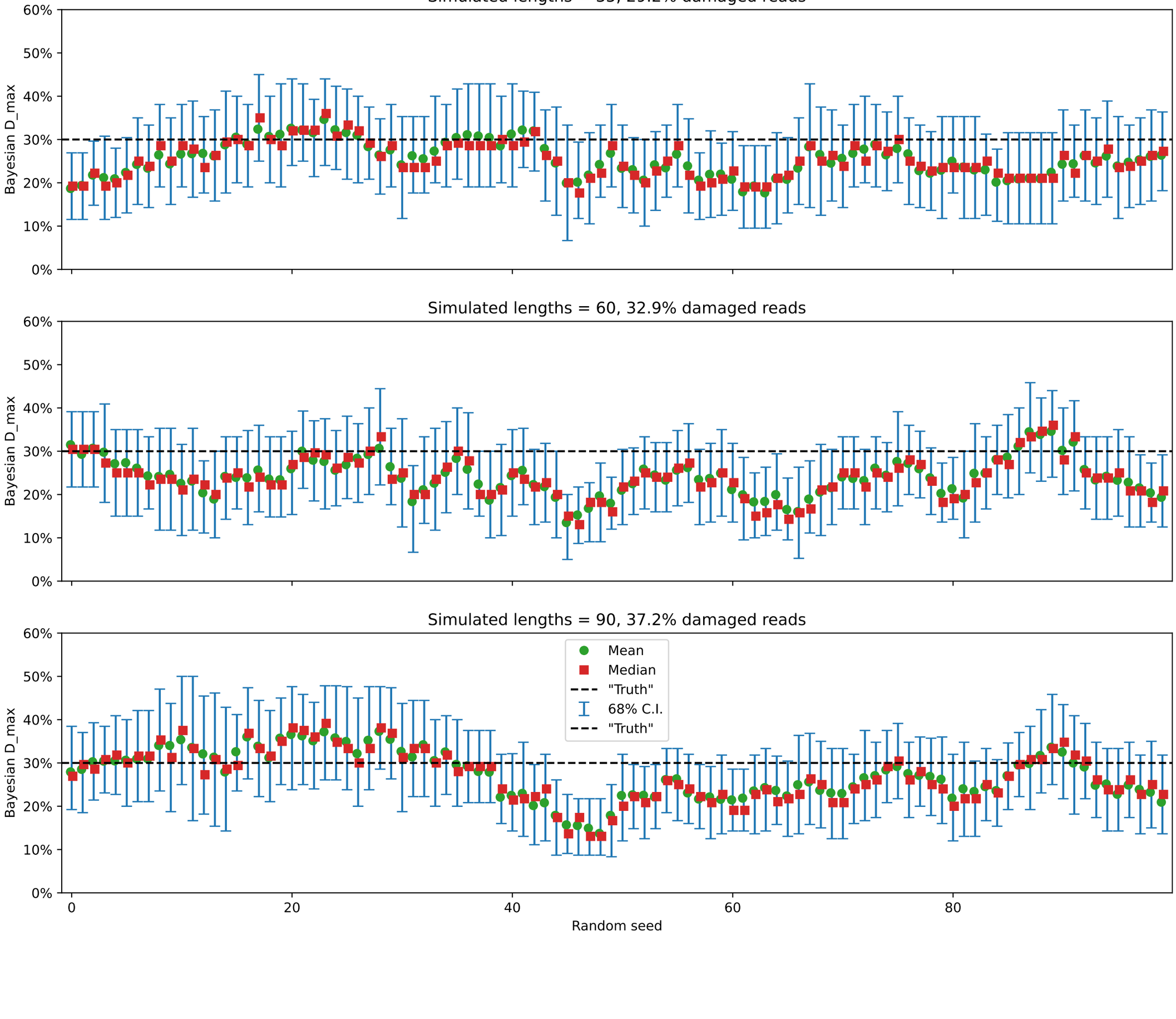


Species: homo
100 reads
sim_damage = 0.96, damage = 30.00%

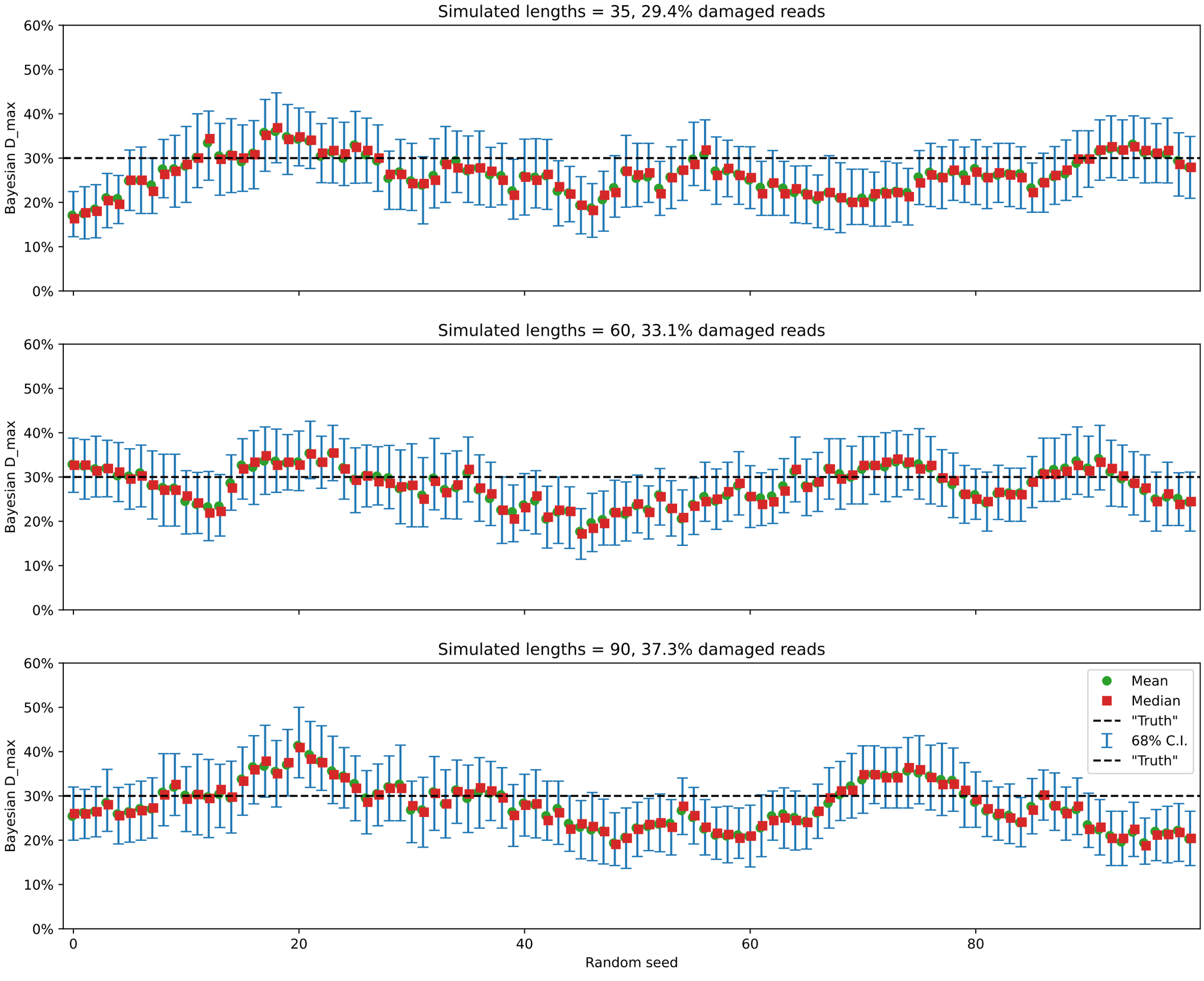
Simulated lengths = 35, 29.2% damaged reads

Simulated lengths = 60, 32.9% damaged reads

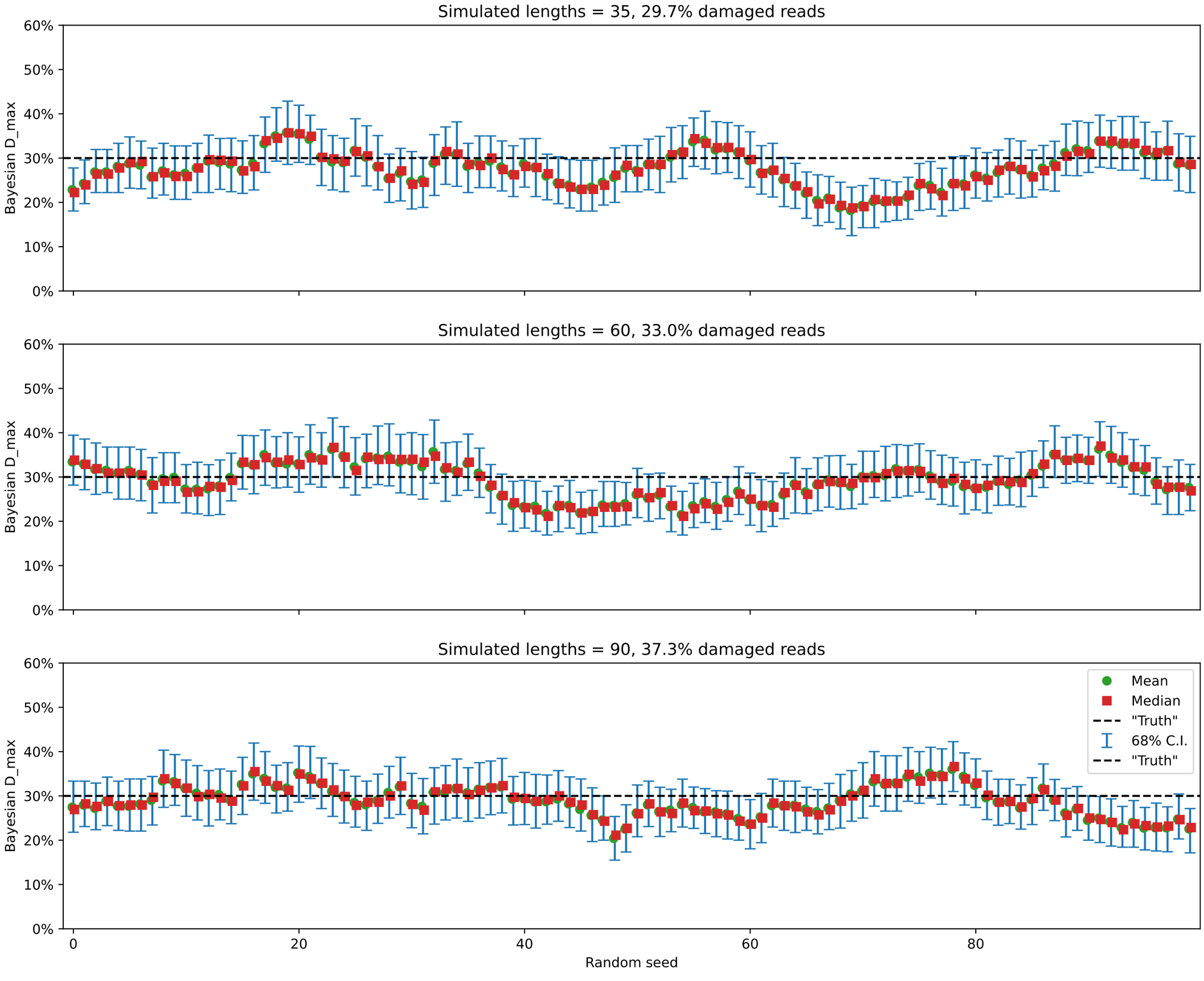
Simulated lengths = 90, 37.2% damaged reads



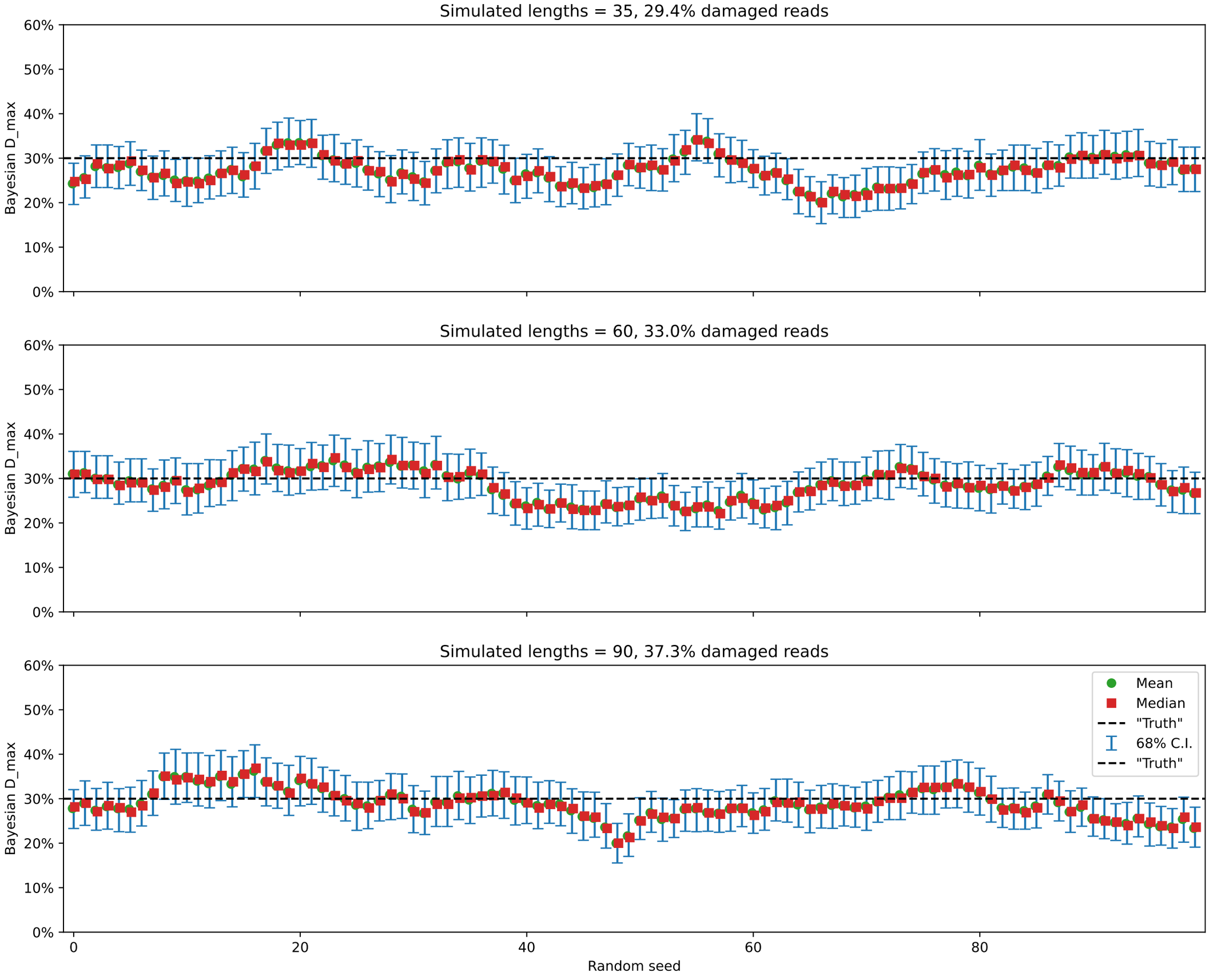
Species: homo
200 reads
sim_damage = 0.96, damage = 30.00%



Species: homo
300 reads
sim_damage = 0.96, damage = 30.00%



Species: homo
400 reads
sim_damage = 0.96, damage = 30.00%

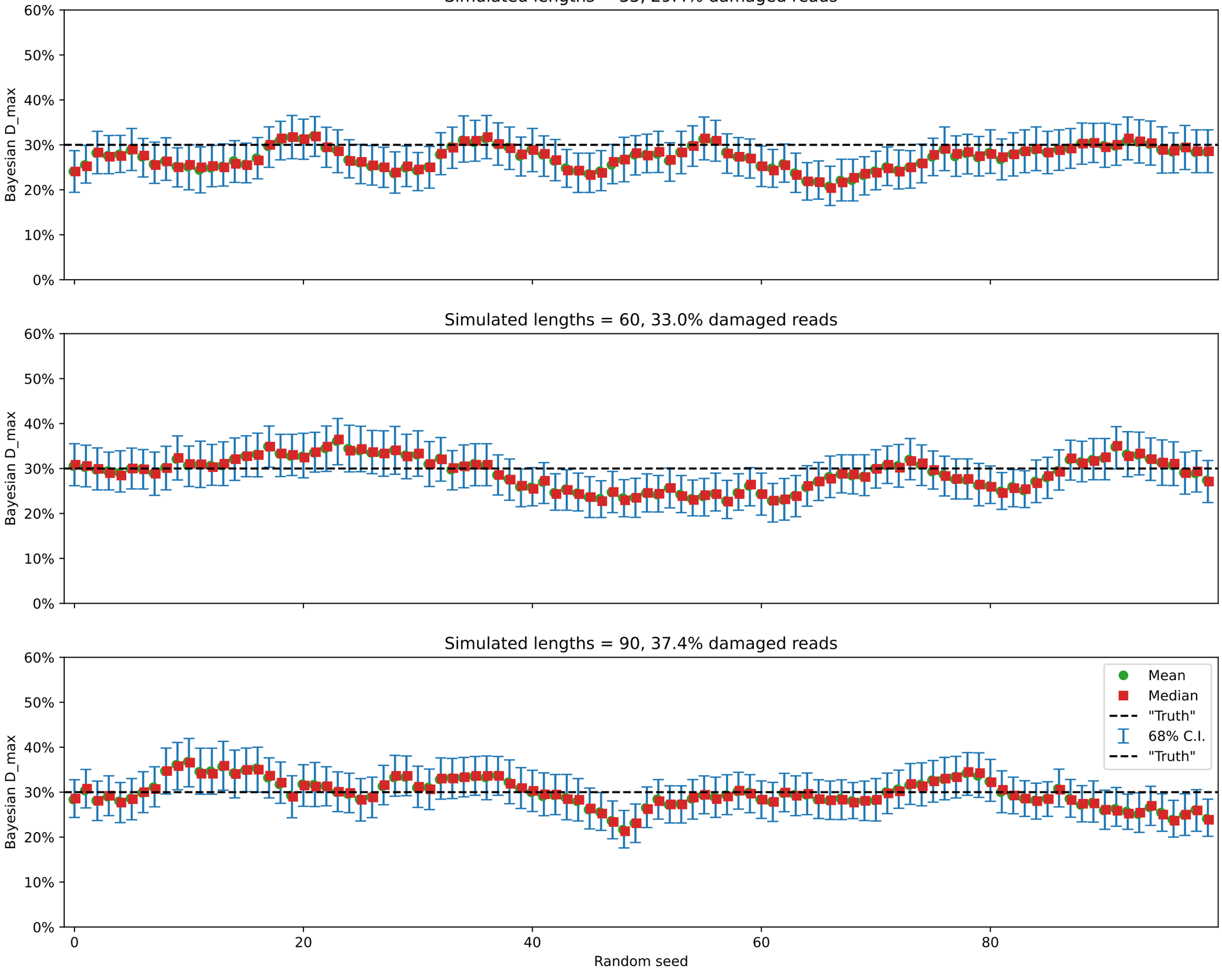


Species: homo
500 reads
sim_damage = 0.96, damage = 30.00%

Simulated lengths = 35, 29.4% damaged reads

Simulated lengths = 60, 33.0% damaged reads

Simulated lengths = 90, 37.4% damaged reads

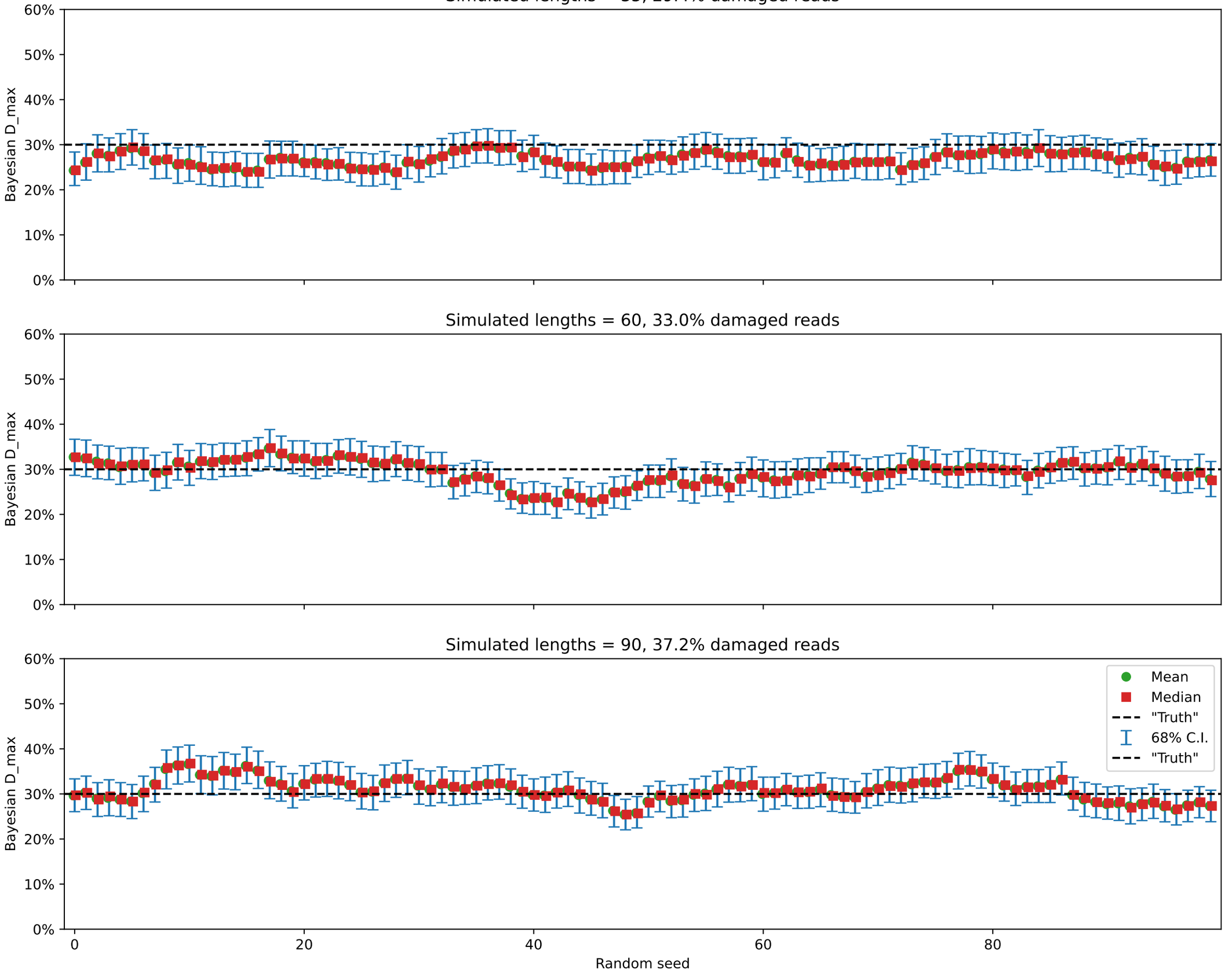


Species: homo
750 reads
sim_damage = 0.96, damage = 30.00%

Simulated lengths = 35, 29.4% damaged reads

Simulated lengths = 60, 33.0% damaged reads

Simulated lengths = 90, 37.2% damaged reads

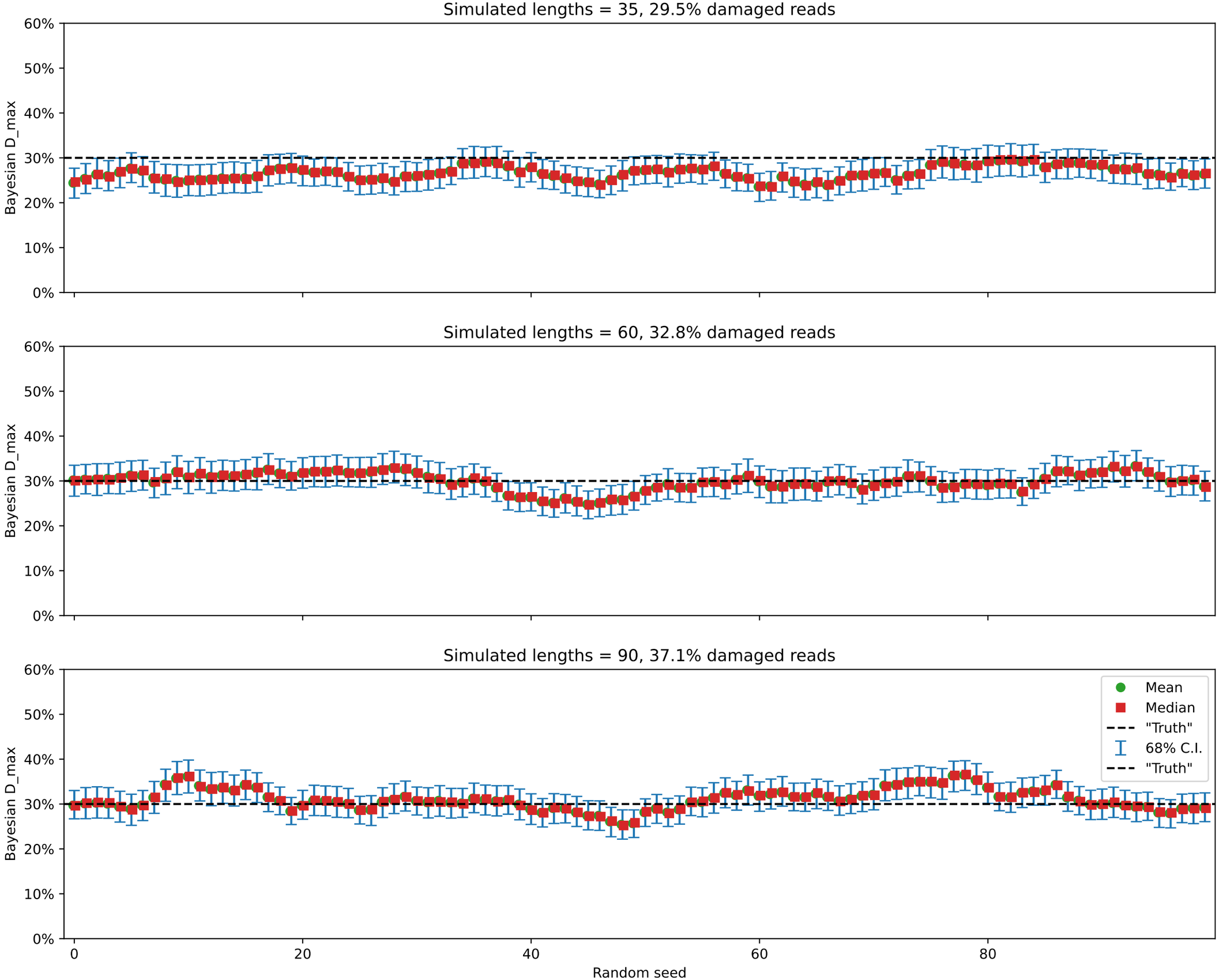


Species: homo
1000 reads
sim_damage = 0.96, damage = 30.00%

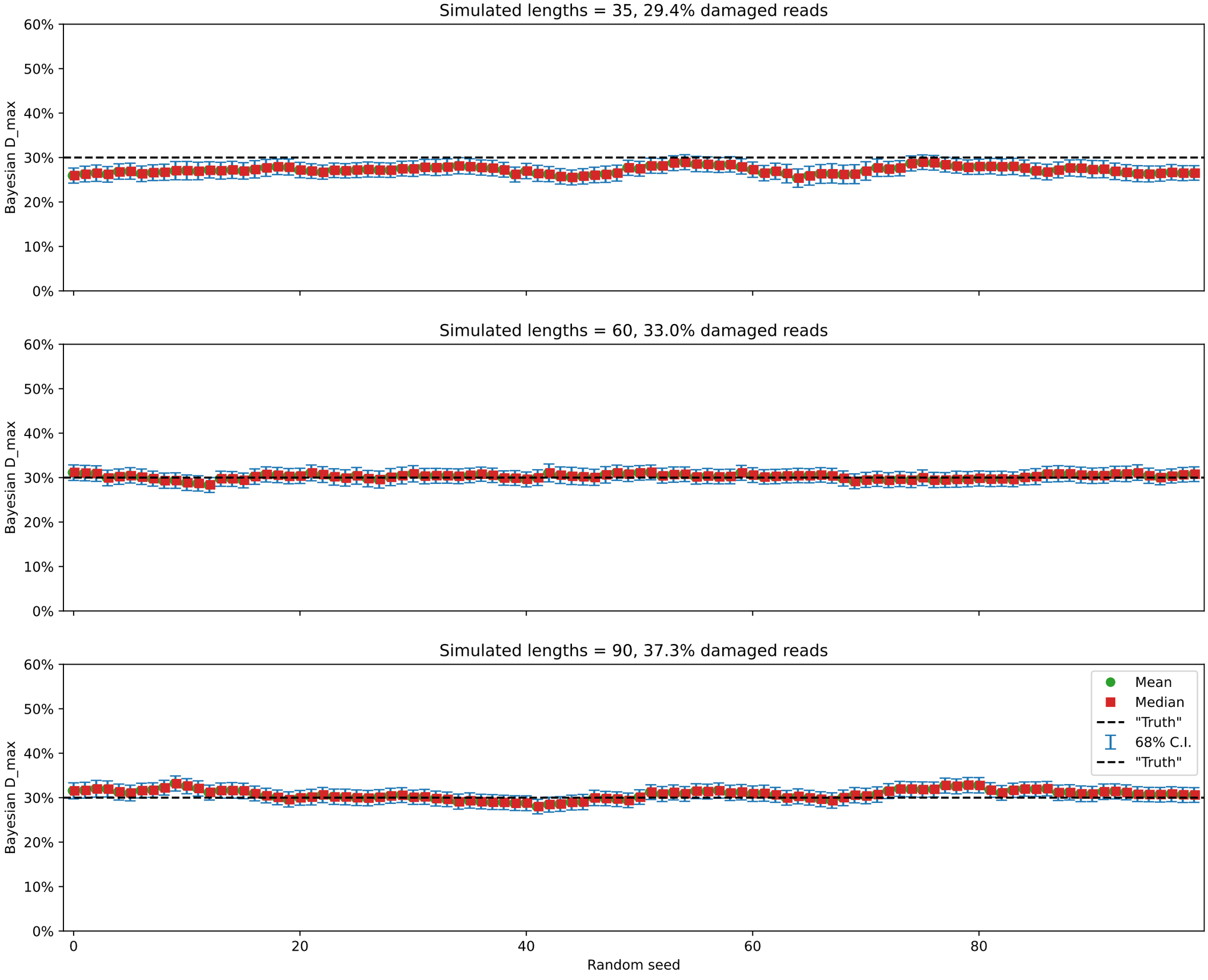
Simulated lengths = 35, 29.5% damaged reads

Simulated lengths = 60, 32.8% damaged reads

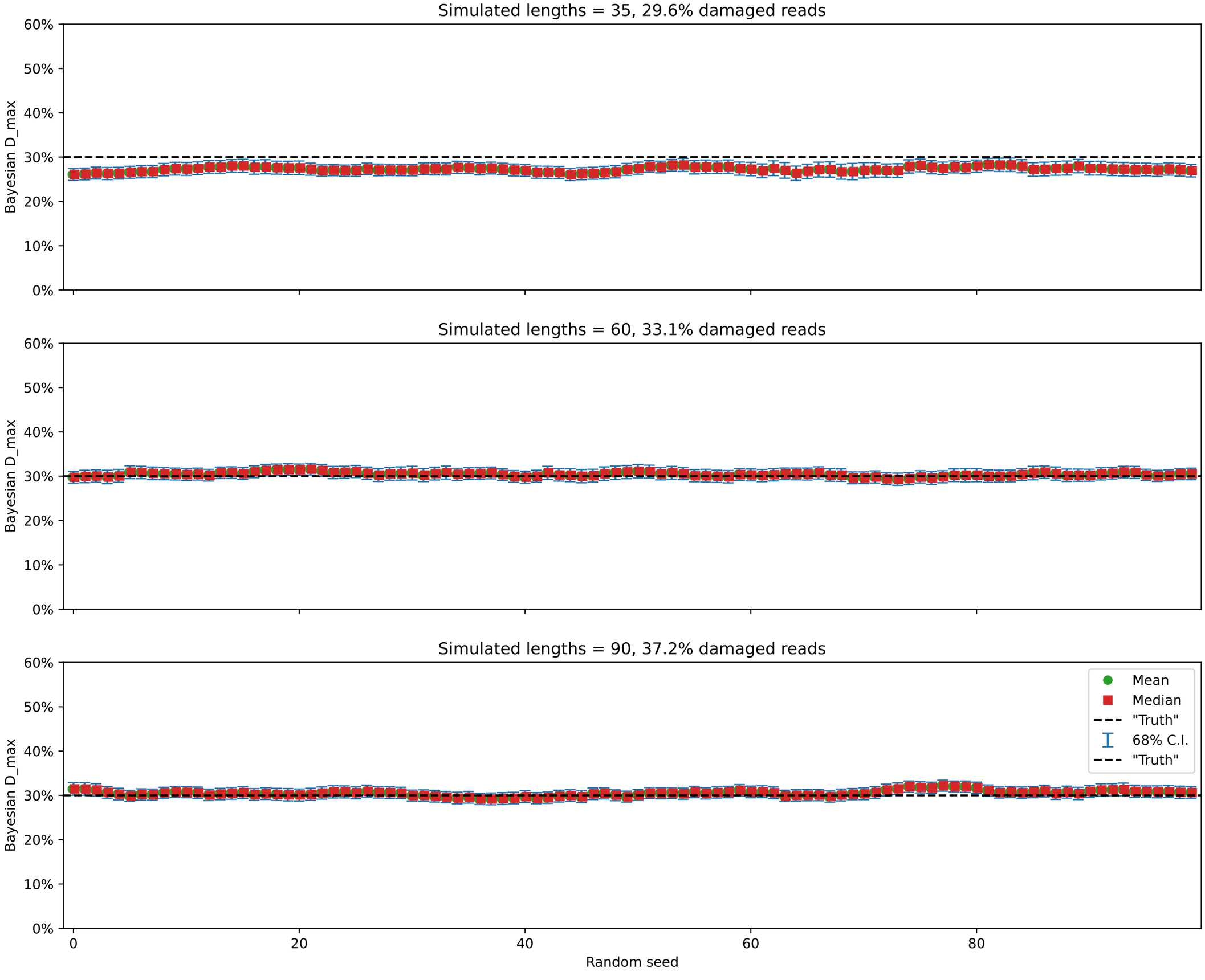
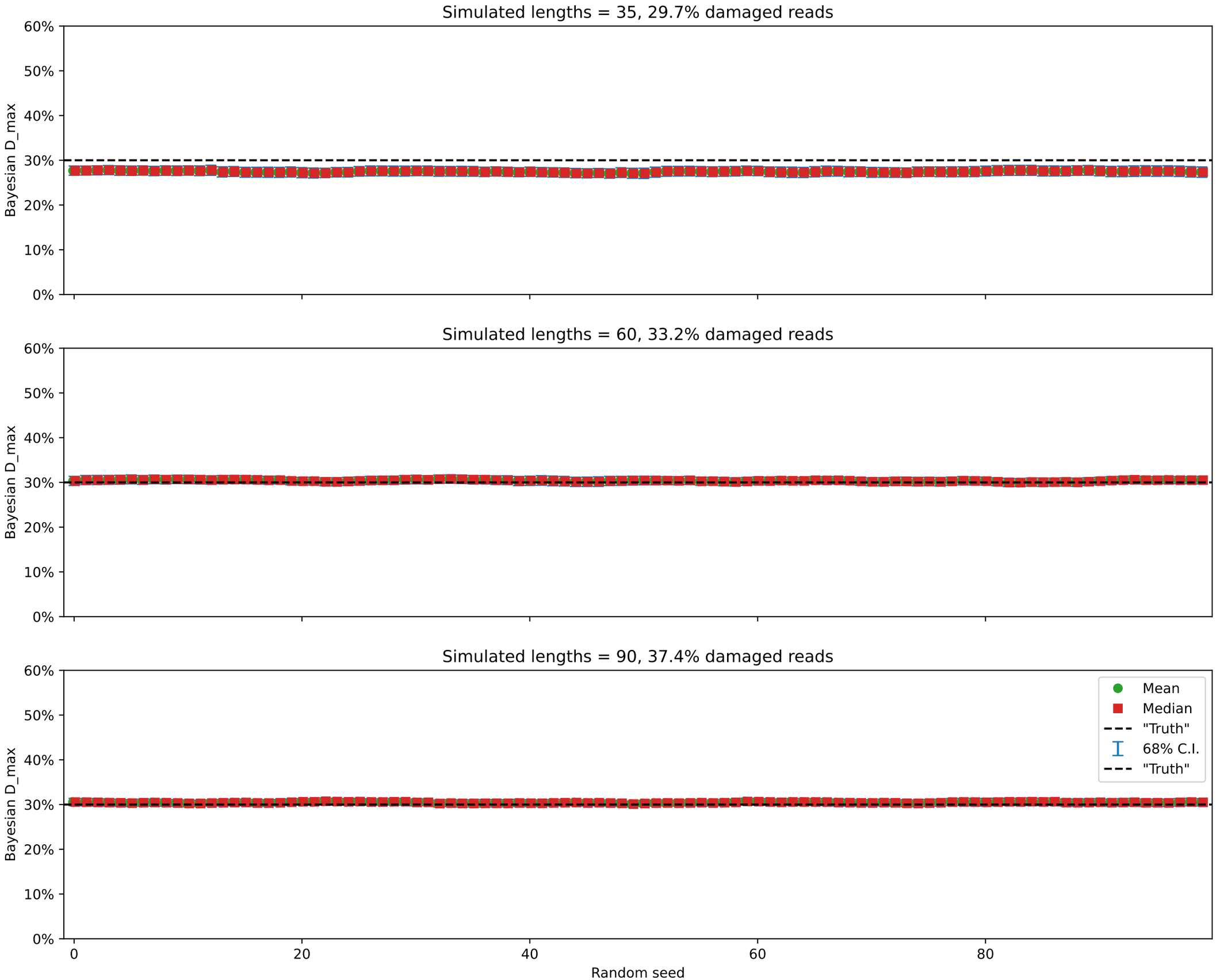
Simulated lengths = 90, 37.1% damaged reads



Species: homo
5000 reads
sim_damage = 0.96, damage = 30.00%



Species: homo
10000 reads
sim_damage = 0.96, damage = 30.00%



Species: homo
100000 reads
sim_damage = 0.96, damage = 30.00%