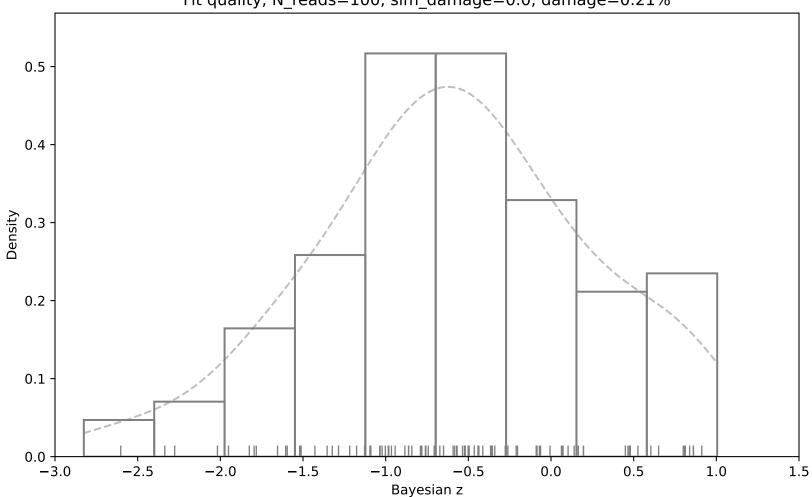
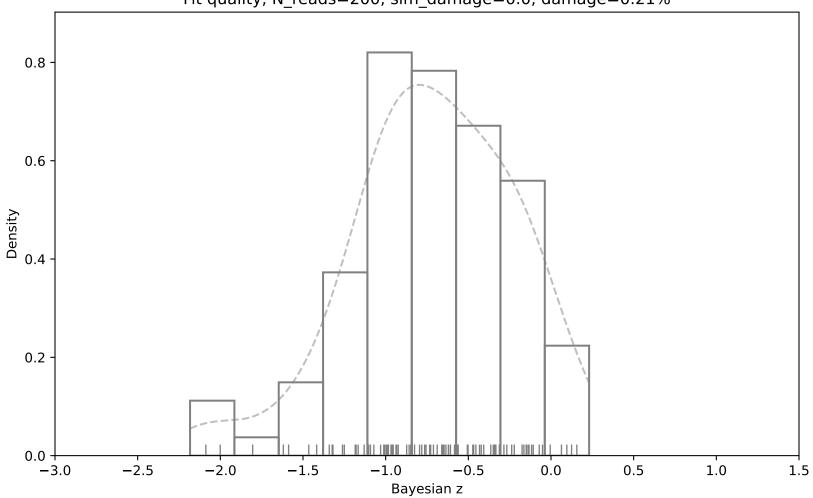
Fit quality, N\_reads=100, sim\_damage=0.0, damage=0.21%

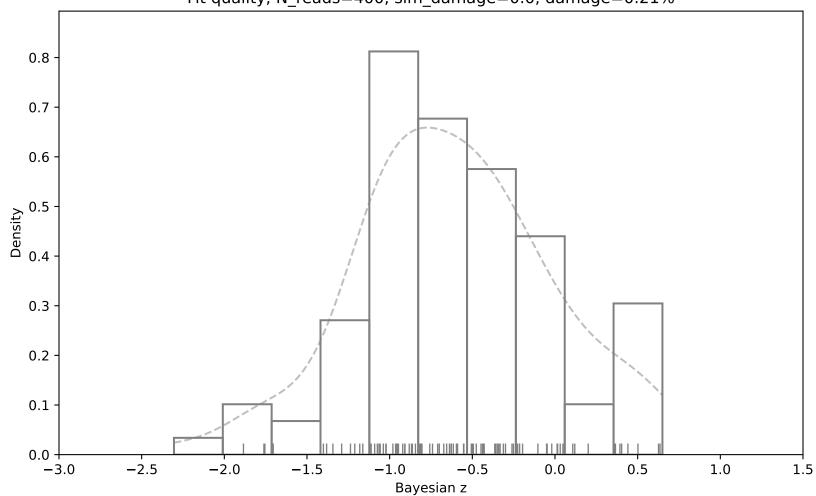


Fit quality, N\_reads=200, sim\_damage=0.0, damage=0.21%

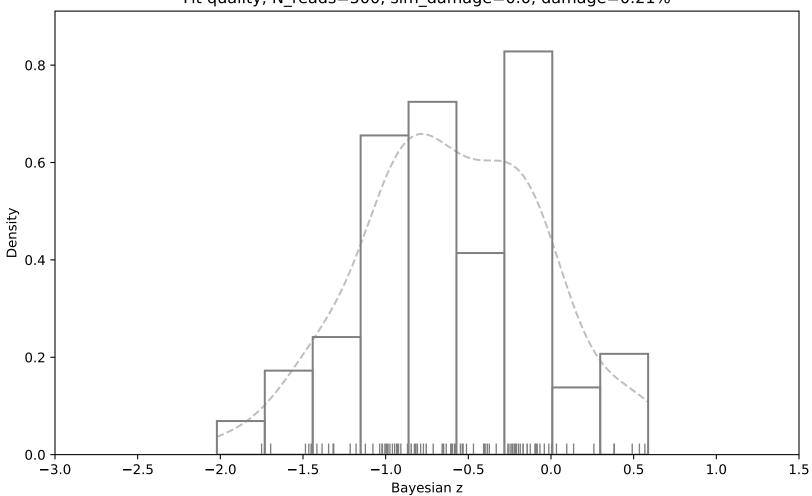


Fit quality, N\_reads=300, sim\_damage=0.0, damage=0.21% 8.0 0.7 0.6 -0.5 -Density 6.0 0.3 0.2 0.1 0.0 <del>|</del> -3.0 <del>-</del>2.5 1.0 -2.0 -1.5-1.0-0.5 0.0 0.5 1.5 Bayesian z

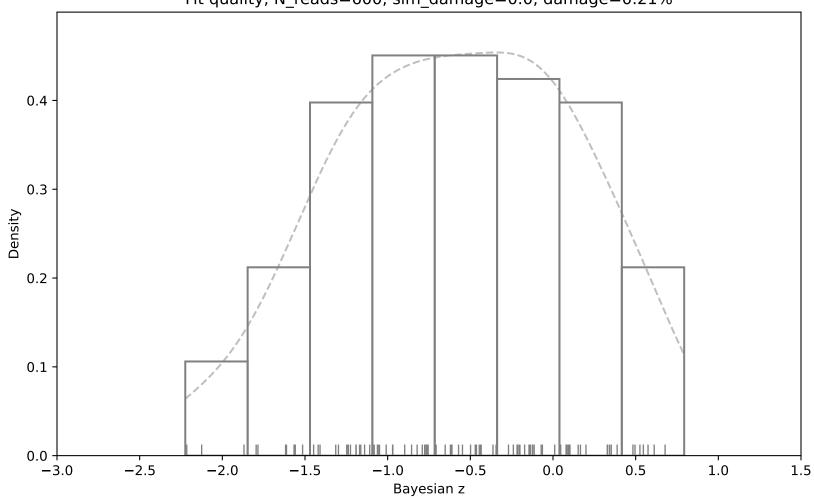
Fit quality, N\_reads=400, sim\_damage=0.0, damage=0.21%



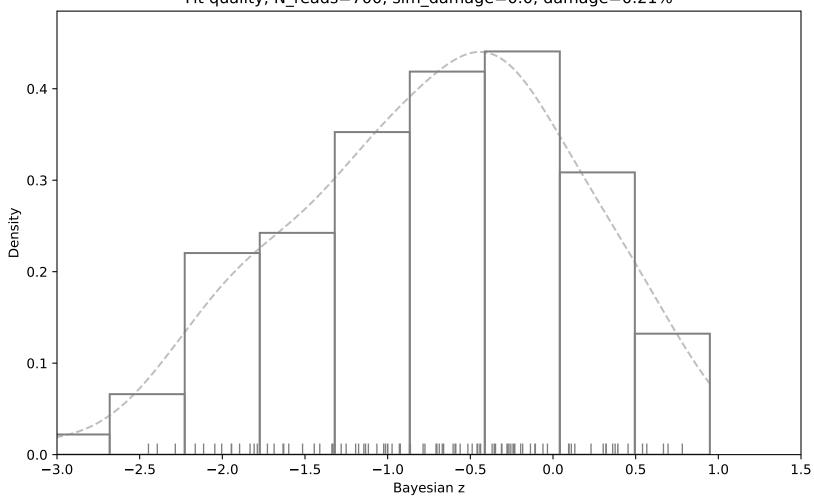
Fit quality, N\_reads=500, sim\_damage=0.0, damage=0.21%



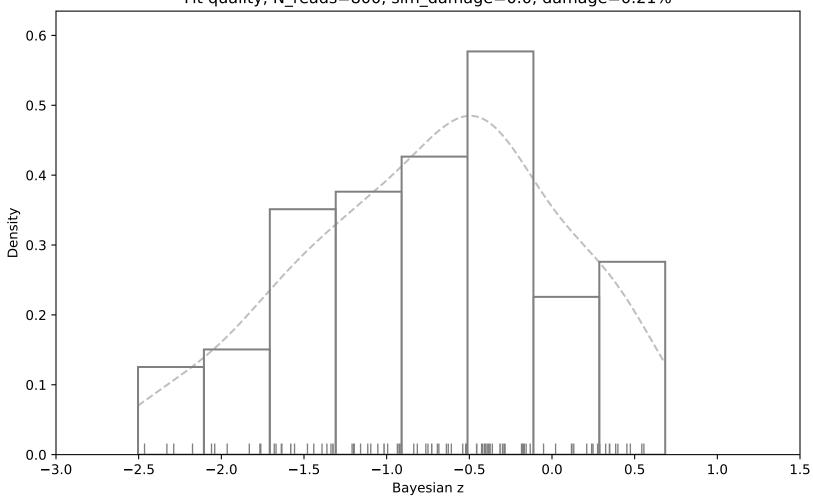
Fit quality, N\_reads=600, sim\_damage=0.0, damage=0.21%



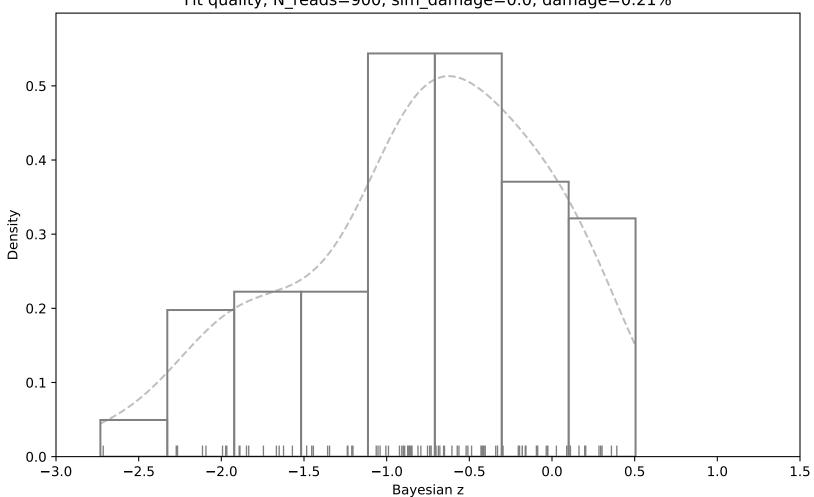
Fit quality, N\_reads=700, sim\_damage=0.0, damage=0.21%



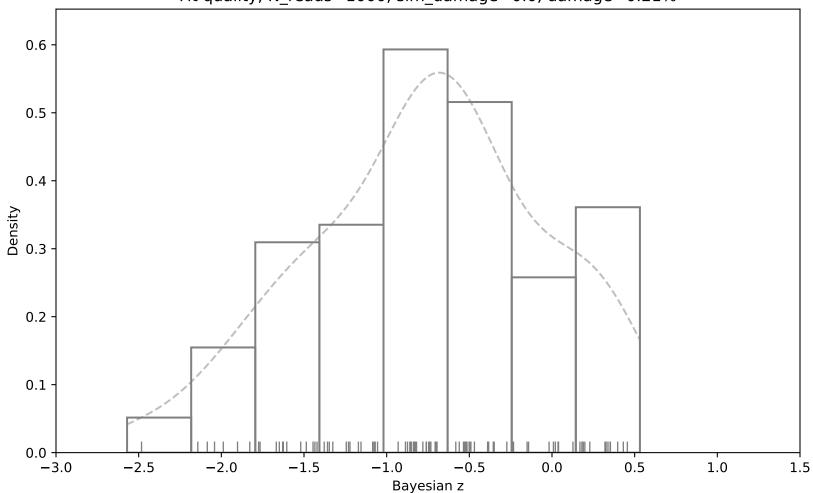
Fit quality, N\_reads=800, sim\_damage=0.0, damage=0.21%



Fit quality, N\_reads=900, sim\_damage=0.0, damage=0.21%

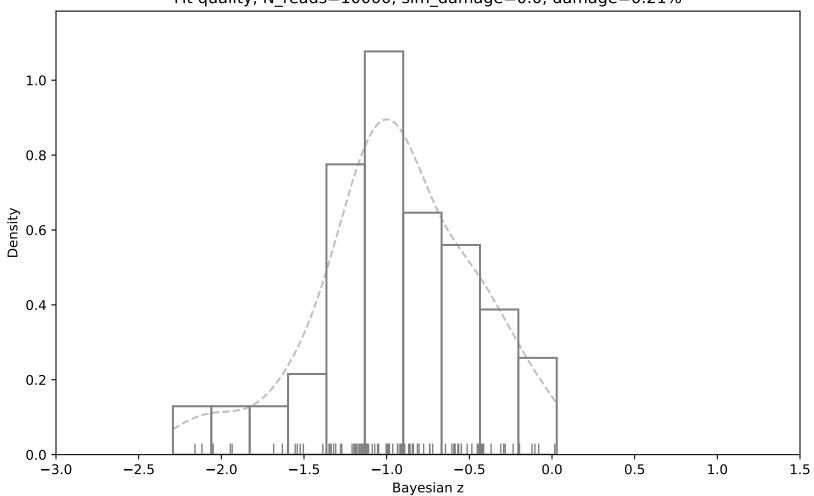


Fit quality, N\_reads=1000, sim\_damage=0.0, damage=0.21%

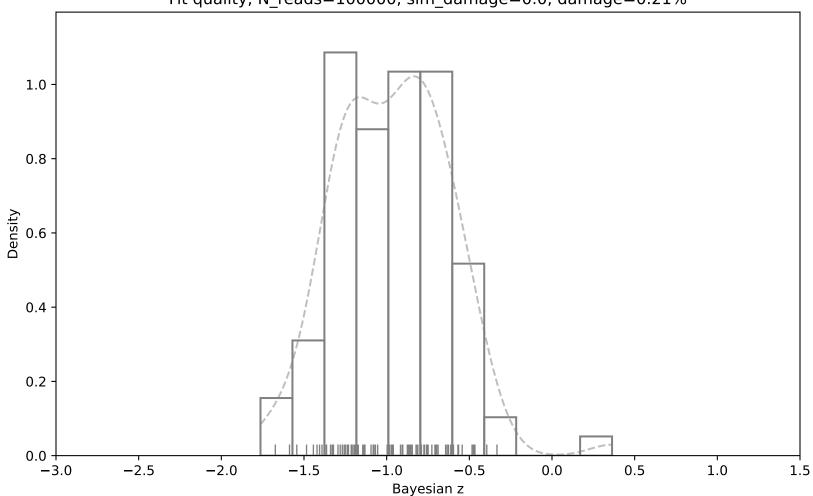


Fit quality, N\_reads=5000, sim\_damage=0.0, damage=0.21% 0.5 0.4 Density c.o 0.2 -0.1 0.0 <del>|</del> -3.0 1.0 0.5 -2.5 -2.0 -1.5-1.0-0.50.0 1.5

Fit quality, N\_reads=10000, sim\_damage=0.0, damage=0.21%

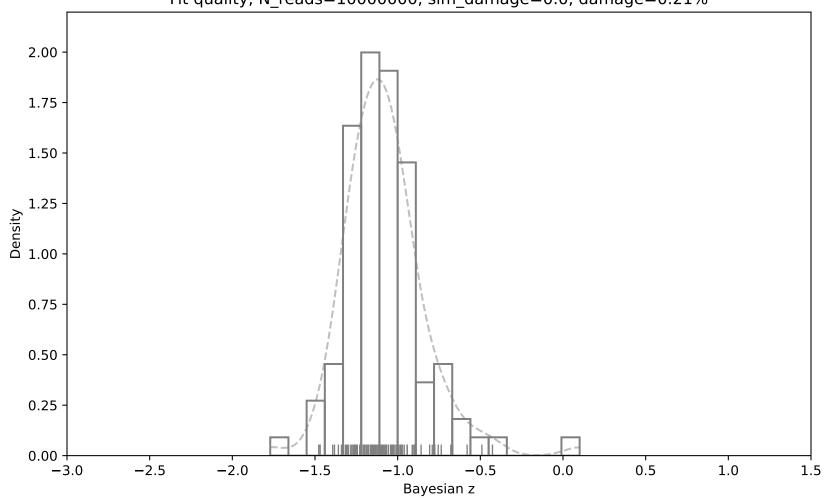


Fit quality, N\_reads=100000, sim\_damage=0.0, damage=0.21%

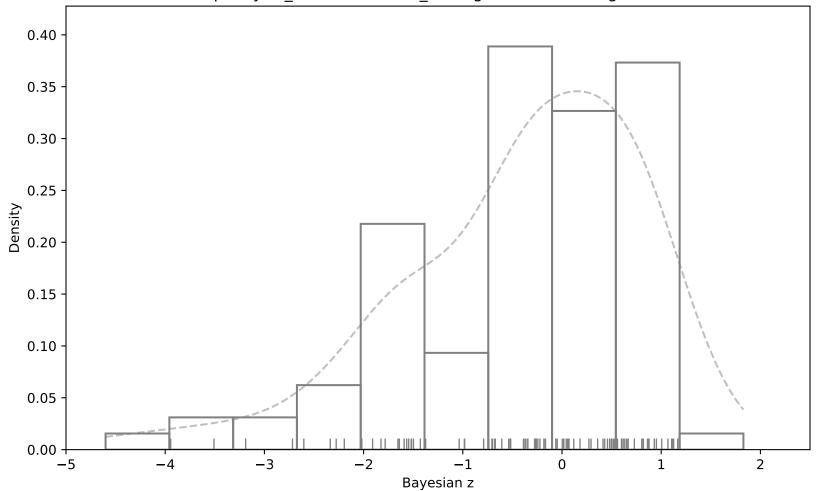


Fit quality, N\_reads=1000000, sim\_damage=0.0, damage=0.21% 2.5 -2.0 Density 1.5 <sup>-</sup> 1.0 0.5 0.0 <del>+</del> -3.0 <del>-</del>2.5 -2.0 0.5 0.0 1.0 -1.5-1.0-0.5 1.5

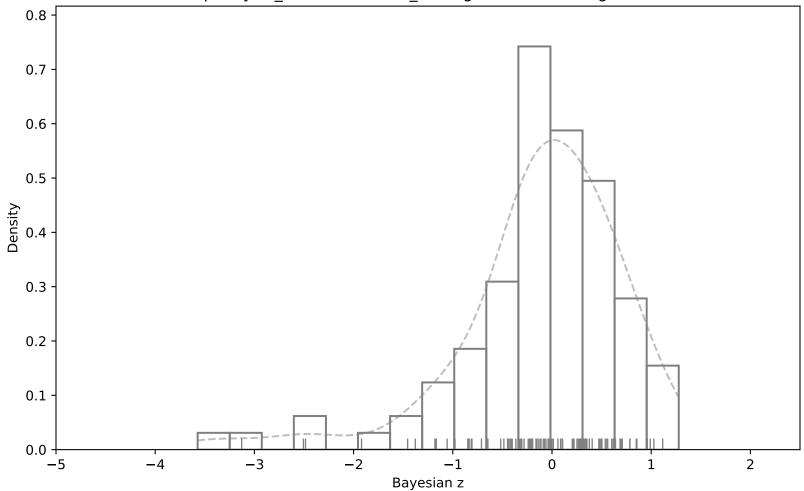
Fit quality, N\_reads=10000000, sim\_damage=0.0, damage=0.21%



Fit quality, N\_reads=100, sim\_damage=0.014, damage=0.65%



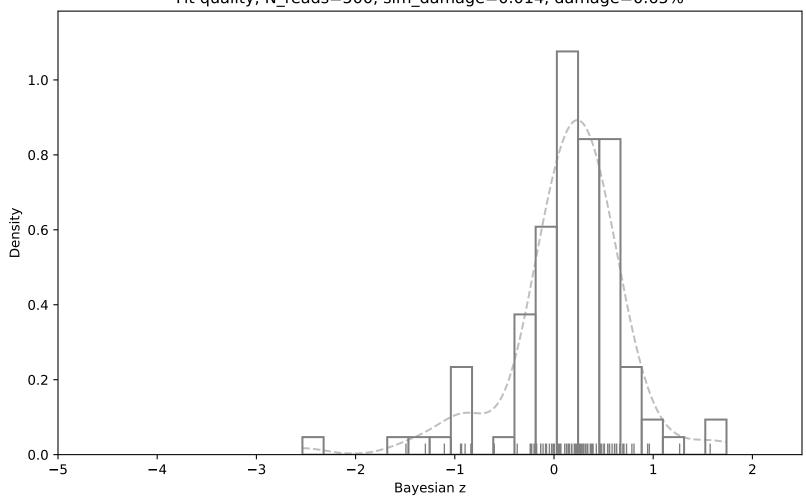
Fit quality, N\_reads=200, sim\_damage=0.014, damage=0.65%



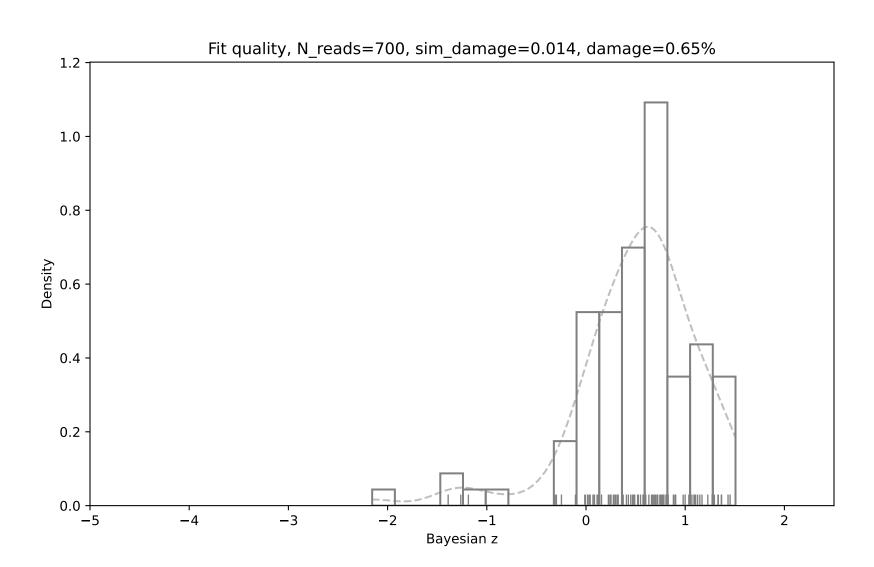
Fit quality, N\_reads=300, sim\_damage=0.014, damage=0.65% 1.0 8.0 Density 9.0 0.4 0.2 0.0 <del>+</del> -5 -2 2

Fit quality, N\_reads=400, sim\_damage=0.014, damage=0.65% 1.6 1.4 1.2 1.0 -Density 80 0.6 0.4 0.2 0.0 <del>+</del> -5 \_ \_3 <u>-</u>2 2

Fit quality, N\_reads=500, sim\_damage=0.014, damage=0.65%

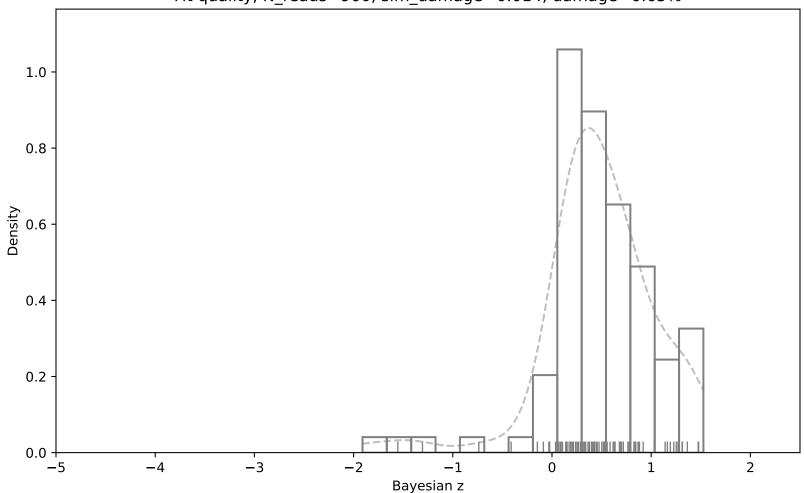


Fit quality, N\_reads=600, sim\_damage=0.014, damage=0.65% 1.2 -1.0 0.8 Density 0 0.4 0.2 0.0 <del>+</del> -5 <del>-</del>2 2 Bayesian z

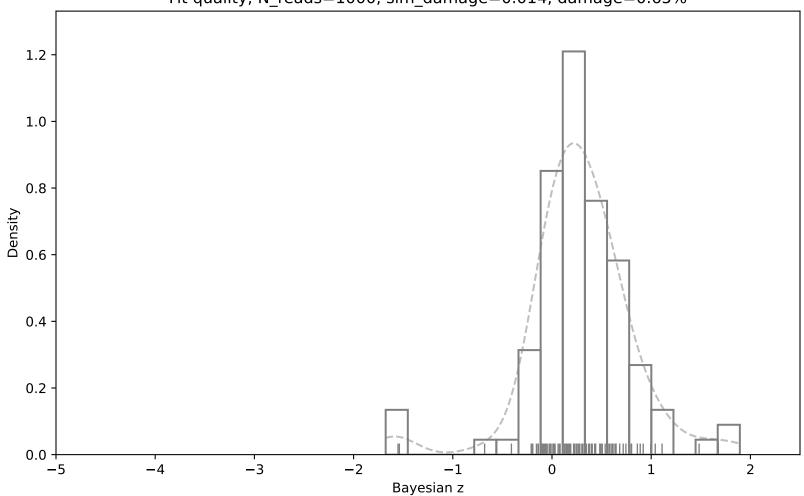


Fit quality, N\_reads=800, sim\_damage=0.014, damage=0.65% 1.2 1.0 0.8 -Density 0 9 0.4 0.2 0.0 <del>+</del> -5 <del>-</del>2 2

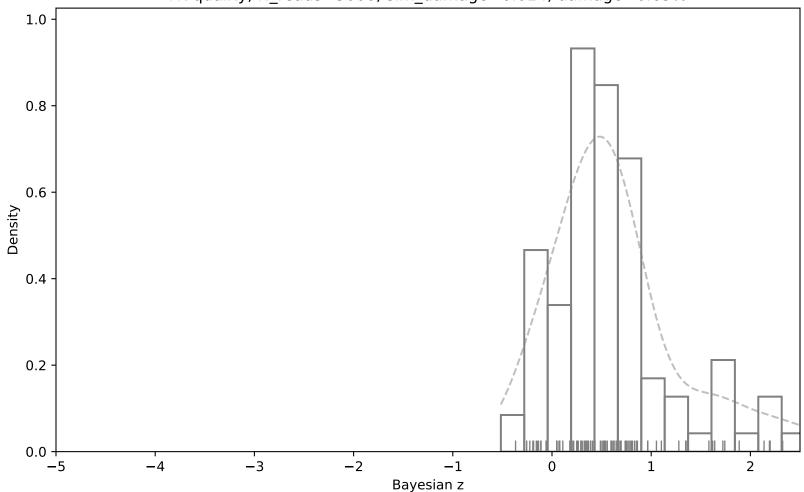
Fit quality, N\_reads=900, sim\_damage=0.014, damage=0.65%



Fit quality, N\_reads=1000, sim\_damage=0.014, damage=0.65%



Fit quality, N\_reads=5000, sim\_damage=0.014, damage=0.65%



Fit quality, N\_reads=10000, sim\_damage=0.014, damage=0.65%

-1

Bayesian z

<del>-</del>2

1.0

8.0

Density 9.0

0.4

0.2

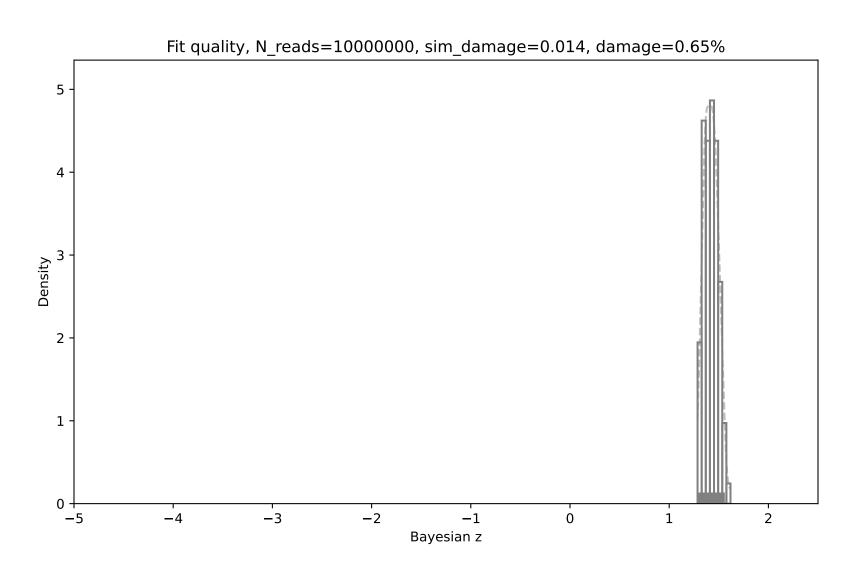
0.0 <del>+</del> -5

Fit quality, N\_reads=100000, sim\_damage=0.014, damage=0.65% 2.0 -1.5 Density 1.0 0.5 0.0 <del>+</del> -5 <del>-</del>2 2 -1 0

Fit quality, N\_reads=1000000, sim\_damage=0.014, damage=0.65% 3 Density <del>-</del>2

0

2



Fit quality, N\_reads=100, sim\_damage=0.047, damage=1.69% 0.6 0.5 0.4 Density 0.2 0.1 0.0

2

3

5

-2

-1

Fit quality, N\_reads=200, sim\_damage=0.047, damage=1.69% 0.7 0.6 0.5 Density 6.0 0.3 0.2 0.1 0.0 -3 -2 -12 3 4 5

Fit quality, N\_reads=300, sim\_damage=0.047, damage=1.69% 8.0 0.6 Density 0.4 0.2 0.0 <del>-</del>3 \_ \_2 2 -1 3 5 Bayesian z

Fit quality, N\_reads=400, sim\_damage=0.047, damage=1.69% 1.2 1.0 0.8 -Density 9.0 0.4 0.2 0.0 <del>-</del>3 \_ \_2 -1 2 3 5 Bayesian z

Fit quality, N\_reads=500, sim\_damage=0.047, damage=1.69% 0.7 -0.6 0.5 -Density 0. 6.0 0.3 0.2 0.1 0.0 <del>-</del>3 \_ \_2 2 -1 3 5 Bayesian z

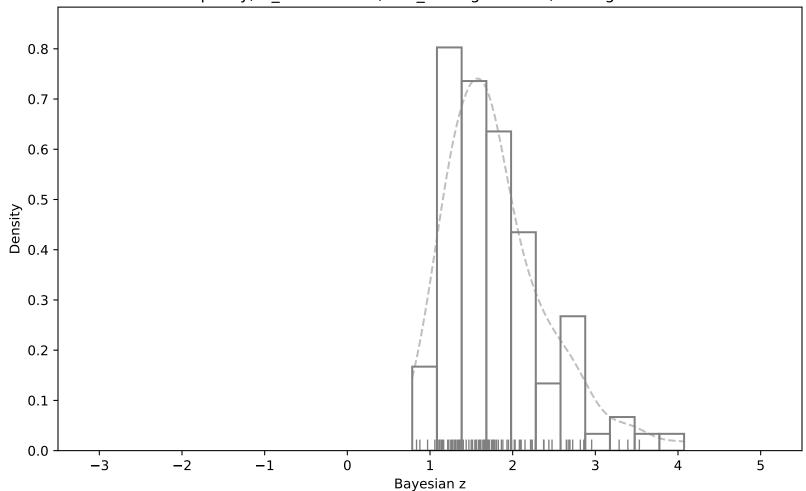
Fit quality, N\_reads=600, sim\_damage=0.047, damage=1.69% 1.0 8.0 0.6 Density 0.4 0.2 0.0 <del>-</del>3 \_ \_2 -1 2 0 3 5 Bayesian z

Fit quality, N\_reads=700, sim\_damage=0.047, damage=1.69% 0.7 -0.6 0.5 Density . p.0 0.3 0.2 0.1 0.0 <del>-</del>3 \_ \_2 -1 2 0 3 4 5 Bayesian z

Fit quality, N\_reads=800, sim\_damage=0.047, damage=1.69% 1.2 1.0 0.8 Density 0.0 0.4 0.2 0.0 <del>-</del>3 \_ \_2 -1 2 0 3 4 5 Bayesian z

Fit quality, N\_reads=900, sim\_damage=0.047, damage=1.69% 1.0 8.0 Density 9.0 0.4 0.2 0.0 <del>-</del>3 \_ \_2 2 -1 0 3 5 Bayesian z

Fit quality, N\_reads=1000, sim\_damage=0.047, damage=1.69%

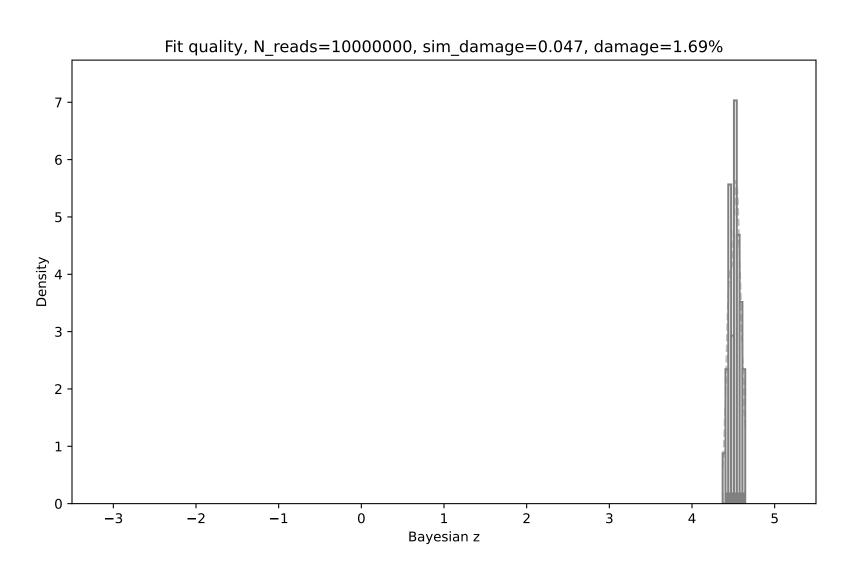


Fit quality, N\_reads=5000, sim\_damage=0.047, damage=1.69% 0.7 0.6 0.5 -Density 6.0 0.3 0.2 0.1 0.0 <del>-</del>3 \_ \_2 -1 3 2 0 5

Fit quality, N\_reads=10000, sim\_damage=0.047, damage=1.69% 8.0 0.7 0.6 0.5 -Density 0.3 -0.2 0.1 0.0 <del>-</del>3 \_ \_2 -1 2 0 5 Bayesian z

Fit quality, N\_reads=100000, sim\_damage=0.047, damage=1.69% 1.2 1.0 0.8 -Density 0.0 0.4 0.2 0.0 <del>-</del>3 -2 -1 2 3 0 Bayesian z

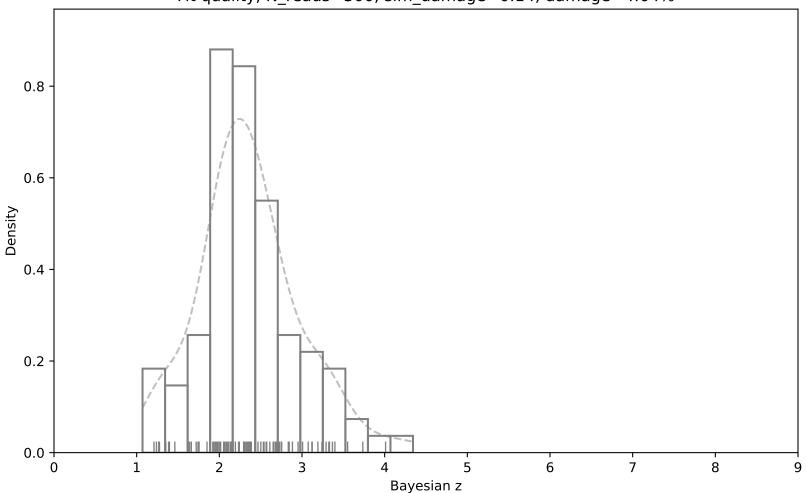
Fit quality, N\_reads=1000000, sim\_damage=0.047, damage=1.69% 3 Density 2 \_ \_2 2 -1 3



Fit quality, N\_reads=100, sim\_damage=0.14, damage=4.64% 8.0 0.7 0.6 0.5 Density 6.0 0.3 0.2 0.1 0.0 \$\bigsim 0.0 2 3 5 7 6 8 9 Bayesian z

Fit quality, N\_reads=200, sim\_damage=0.14, damage=4.64% 0.8 0.6 Density 0.4 0.2 0.0 <del>+</del> 0 2 3 5 6 7 8

Fit quality, N\_reads=300, sim\_damage=0.14, damage=4.64%



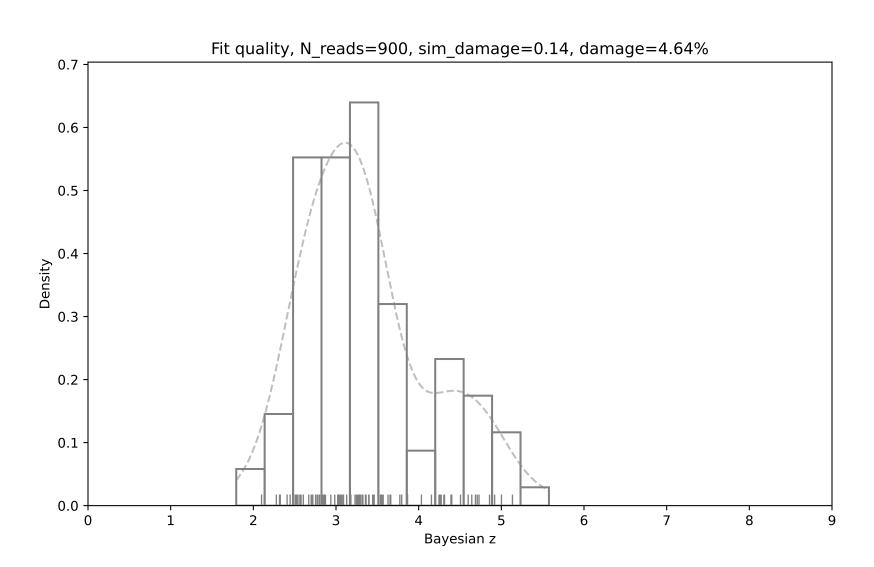
Fit quality, N\_reads=400, sim\_damage=0.14, damage=4.64% 0.7 0.6 0.5 Density . F.0 0.3 0.2 0.1 0.0 + 2 3 6 7 8

Fit quality, N\_reads=500, sim\_damage=0.14, damage=4.64% 0.7 0.6 0.5 Density 6.0 0.3 0.2 0.1 0.0 + 3 5 1 2 6 7 8

Fit quality, N\_reads=600, sim\_damage=0.14, damage=4.64% 0.6 0.5 0.4 Density 0.2 0.1 0.0 + 2 3 6 7 8

Fit quality, N\_reads=700, sim\_damage=0.14, damage=4.64% 1.0 8.0 Density 9.0 0.4 0.2 0.0 + 2 6 7 8

Fit quality, N\_reads=800, sim\_damage=0.14, damage=4.64% 1.0 0.8 -0.6 -Density 0.4 0.2 0.0 + 2 5 6 7 8 Bayesian z



Fit quality, N\_reads=1000, sim\_damage=0.14, damage=4.64%

6

7

8

0.6

0.5

0.4 -

Density 8.0

0.2

0.1

0.0 +

2

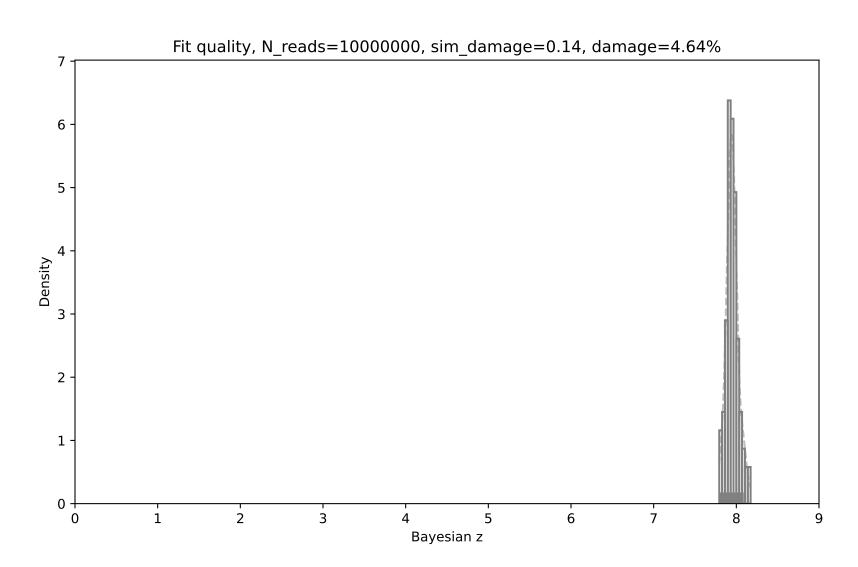
3

Fit quality, N\_reads=5000, sim\_damage=0.14, damage=4.64% 0.6 0.5 0.4 Density 0.3 0.2 0.1 -0.0 + 3 2 7 8

Fit quality, N\_reads=10000, sim\_damage=0.14, damage=4.64% 0.7 -0.6 0.5 Density 6.0 0.3 0.2 0.1 0.0 <del>|</del> 0 2 3 8 9

Fit quality, N\_reads=100000, sim\_damage=0.14, damage=4.64% 1.0 8.0 Density 0.0 0.4 0.2 -0.0 + 2 3 5 1 6 7 9 Bayesian z

Fit quality, N\_reads=1000000, sim\_damage=0.14, damage=4.64% Density w 0 + Bayesian z



Fit quality, N\_reads=100, sim\_damage=0.3, damage=9.67% 0.8 -0.7 0.6 0.5 -Density 6.0 0.3 0.2 0.1

6

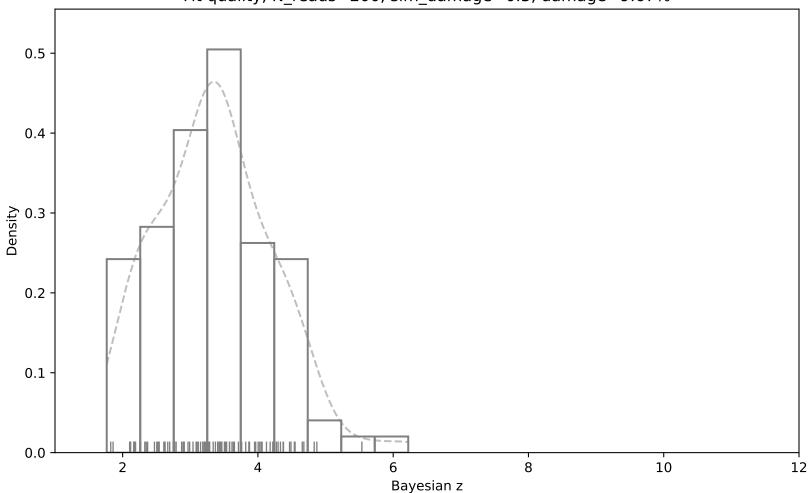
Bayesian z

10

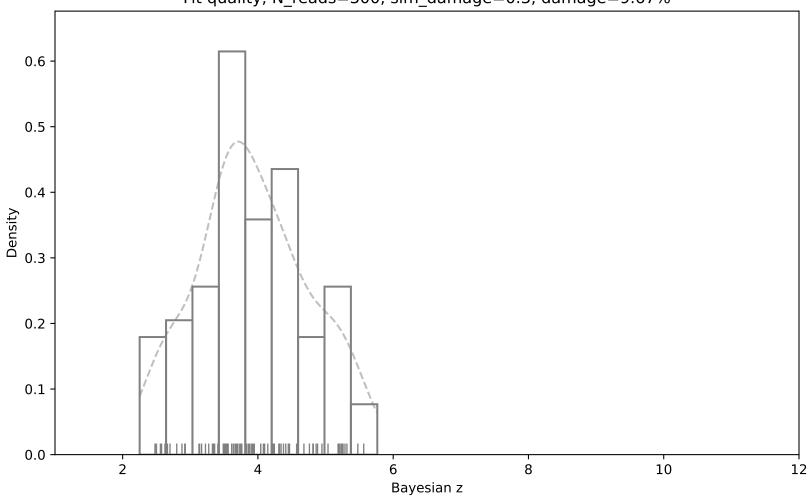
12

8

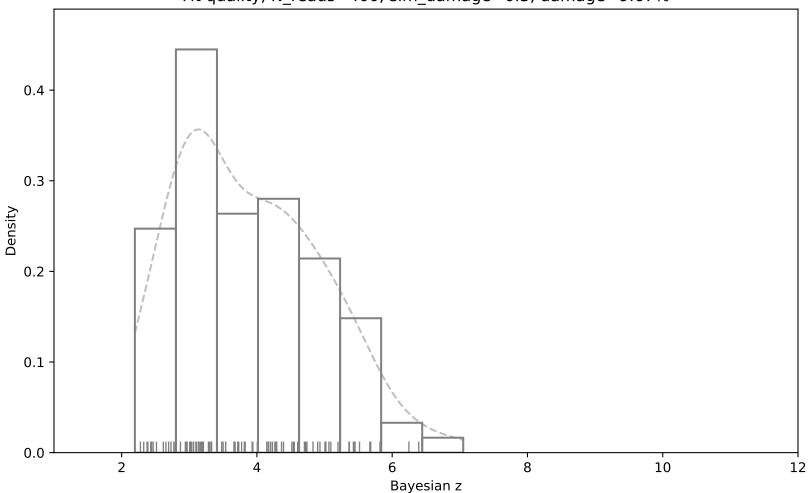
Fit quality, N\_reads=200, sim\_damage=0.3, damage=9.67%



Fit quality, N\_reads=300, sim\_damage=0.3, damage=9.67%

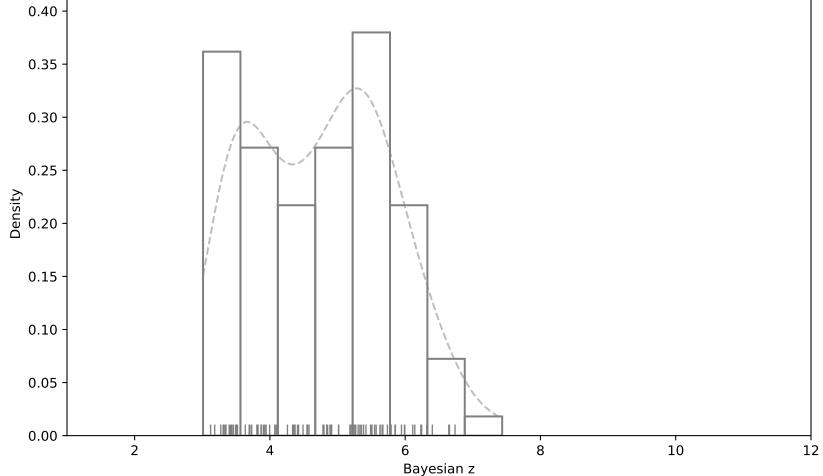


Fit quality, N\_reads=400, sim\_damage=0.3, damage=9.67%



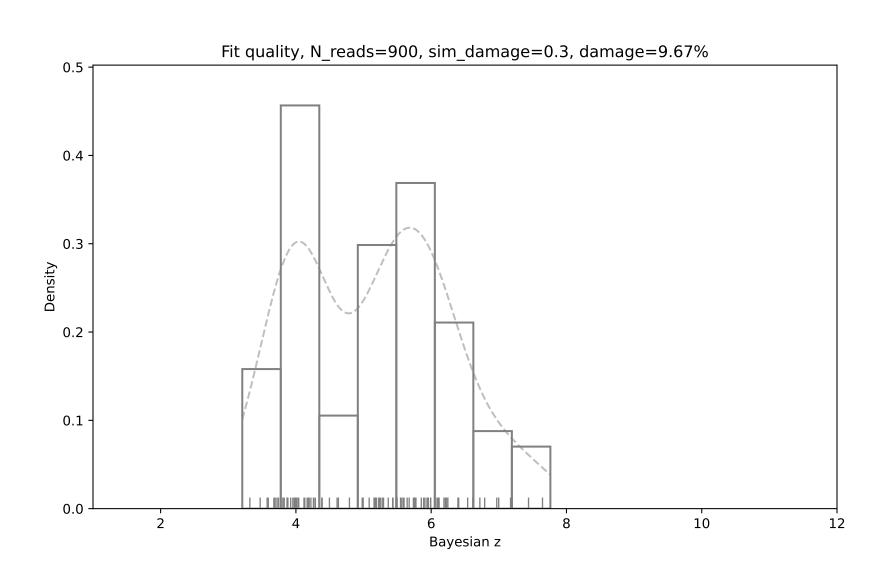
Fit quality, N\_reads=500, sim\_damage=0.3, damage=9.67% 0.5 -0.4 0.3 -Density 0.2 0.1 0.0 2 10 8 12

Fit quality, N\_reads=600, sim\_damage=0.3, damage=9.67%



Fit quality, N\_reads=700, sim\_damage=0.3, damage=9.67% 0.40 0.35 0.30 0.25 -Density 0.20 0.15 0.10 0.05 0.00 2 10 8 12

Fit quality, N\_reads=800, sim\_damage=0.3, damage=9.67% 0.5 0.4 0.3 Density 0.2 0.1 -0.0 2 10 8 12



Fit quality, N\_reads=1000, sim\_damage=0.3, damage=9.67% 0.5 0.4 Density E.0 0.2 0.1 0.0 2 10 8 12 Bayesian z

Fit quality, N\_reads=5000, sim\_damage=0.3, damage=9.67% 0.4 0.3 Density 0.1 0.0 2 10 12 Bayesian z

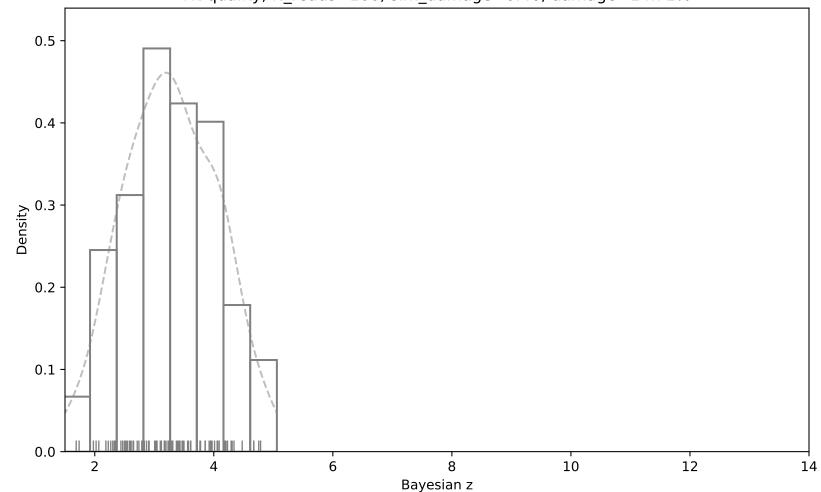
Fit quality, N\_reads=10000, sim\_damage=0.3, damage=9.67% 0.25 0.20 Density - 51.0 0.10 0.05 0.00 2 10 12

Fit quality, N\_reads=100000, sim\_damage=0.3, damage=9.67% 1.0 8.0 0.6 -Density 0.4 0.2 0.0 2 4 6 8 10 12

Fit quality, N\_reads=1000000, sim\_damage=0.3, damage=9.67% 2.5 2.0 -Density 1.0 0.5 -0.0 2 10 8 12 Bayesian z

Fit quality, N\_reads=10000000, sim\_damage=0.3, damage=9.67% Density w Bayesian z

Fit quality, N\_reads=100, sim\_damage=0.46, damage=14.71%



Fit quality, N\_reads=200, sim\_damage=0.46, damage=14.71% 0.6 0.5 0.4 Density E.0 0.2 0.1 0.0 10 12 8 14 Bayesian z

Fit quality, N\_reads=300, sim\_damage=0.46, damage=14.71% 0.6 0.5 -0.4 -Density 0.3 0.2 0.1 0.0 10 12 2 8 14

Fit quality, N\_reads=400, sim\_damage=0.46, damage=14.71% 0.4 0.3 -Density 0.2 0.1 0.0 12 10 2 14 Bayesian z

Fit quality, N\_reads=500, sim\_damage=0.46, damage=14.71% 0.40 -0.35 0.30 0.25 Density . 0.15 0.10 0.05 0.00 12 10 2 14 Bayesian z

Fit quality, N\_reads=600, sim\_damage=0.46, damage=14.71% 0.40 0.35 0.30 0.25 Density 0.20 0.15 0.10 0.05 0.00 12 10 2 14 Bayesian z

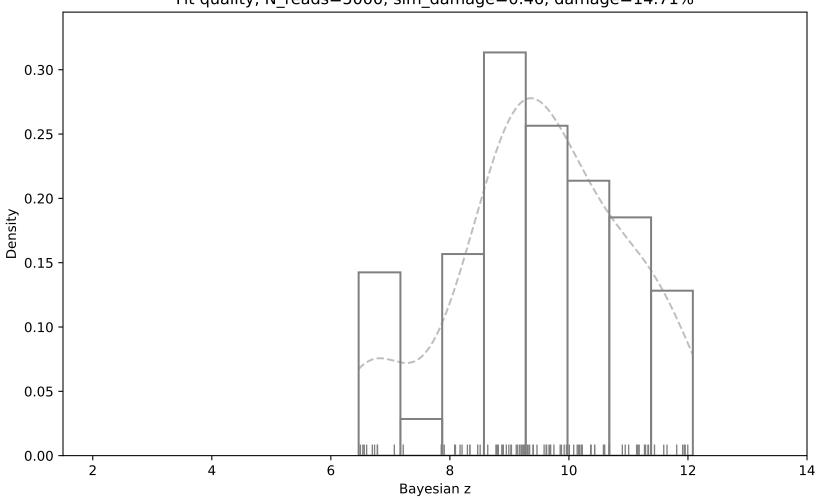
Fit quality, N\_reads=700, sim\_damage=0.46, damage=14.71% 0.6 0.5 0.4 Density 0.3 0.2 0.1 -0.0 12 2 10 14 Bayesian z

Fit quality, N\_reads=800, sim\_damage=0.46, damage=14.71% 0.4 0.3 Density 5.0 0.1 -0.0 12 10 2 14 Bayesian z

Fit quality, N\_reads=900, sim\_damage=0.46, damage=14.71% 0.5 0.4 Density E.0 0.2 0.1 0.0 10 12 2 8 14 Bayesian z

Fit quality, N\_reads=1000, sim\_damage=0.46, damage=14.71% 0.7 -0.6 0.5 Density . 6.0 0.3 -0.2 0.1 0.0 10 12 2 8 14

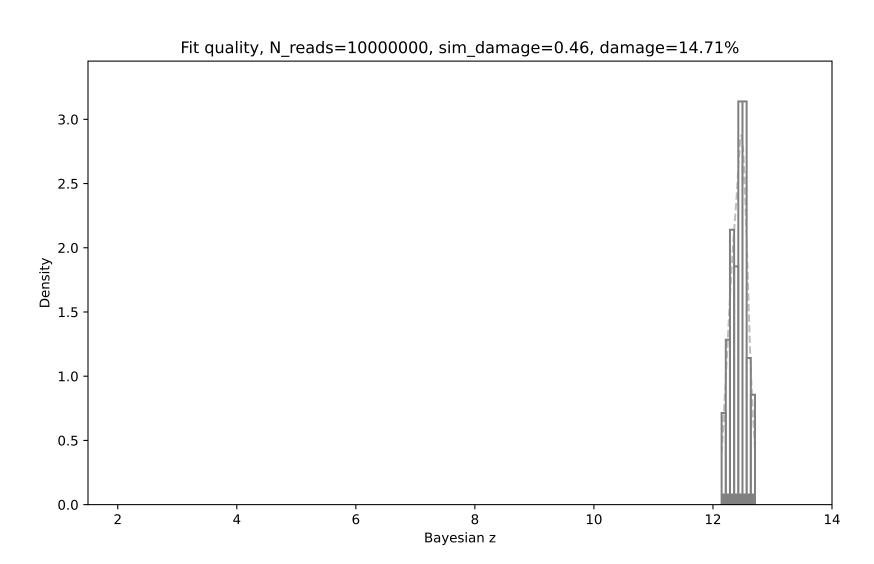
Fit quality, N\_reads=5000, sim\_damage=0.46, damage=14.71%



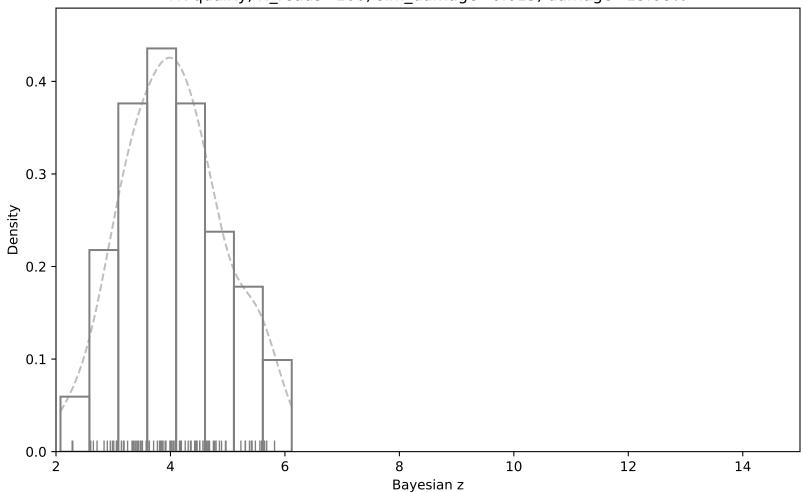
Fit quality, N\_reads=10000, sim\_damage=0.46, damage=14.71% 0.30 0.25 0.20 Density 0.10 0.05 0.00 2 10 12 14 Bayesian z

Fit quality, N\_reads=100000, sim\_damage=0.46, damage=14.71% 1.0 0.8 Density 9.0 0.4 0.2 -0.0 10 2 12 6 8 14 Bayesian z

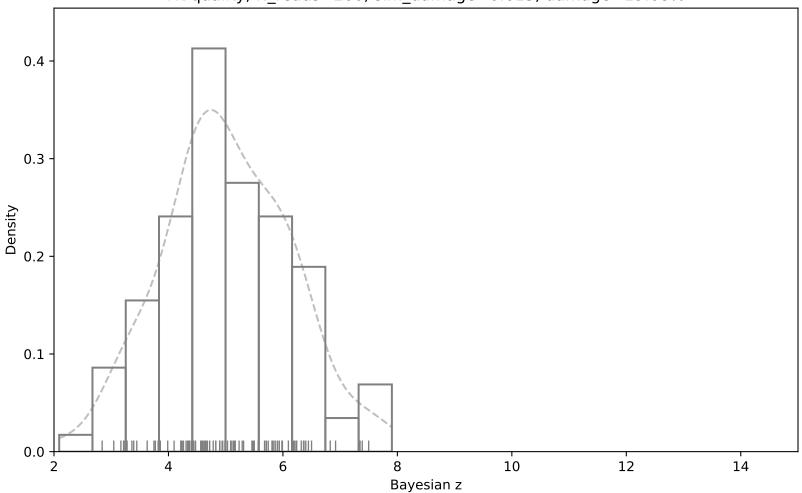
Fit quality, N\_reads=1000000, sim\_damage=0.46, damage=14.71% 2.5 -2.0 1.5 -Density 1.0 0.5 0.0 10 2 6 8 12 14 Bayesian z



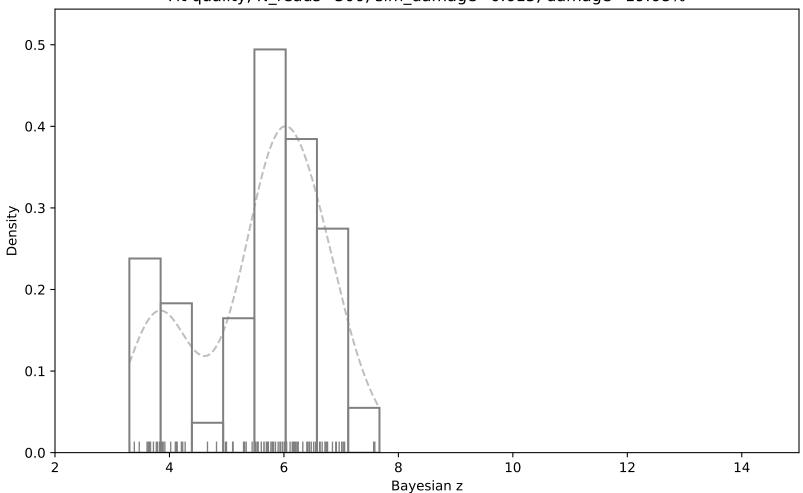
Fit quality, N\_reads=100, sim\_damage=0.615, damage=19.68%



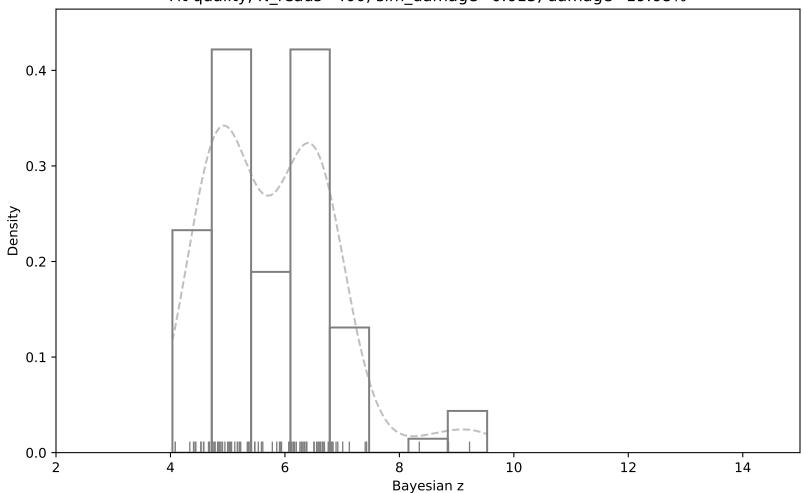
Fit quality, N\_reads=200, sim\_damage=0.615, damage=19.68%



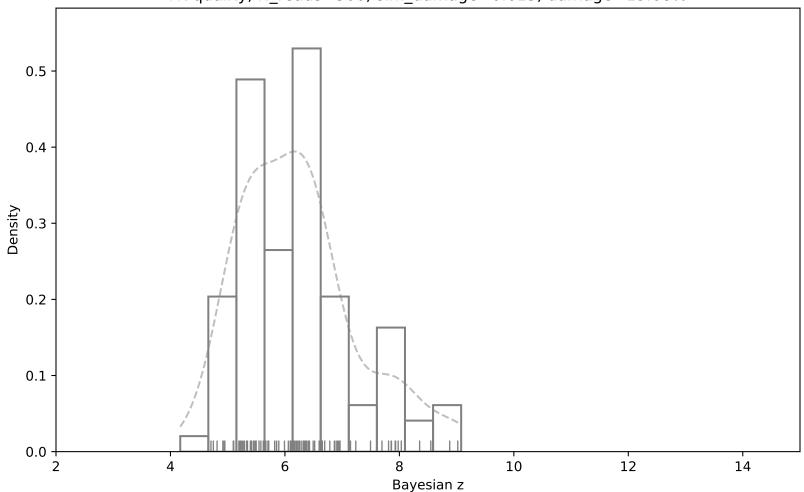
Fit quality, N\_reads=300, sim\_damage=0.615, damage=19.68%



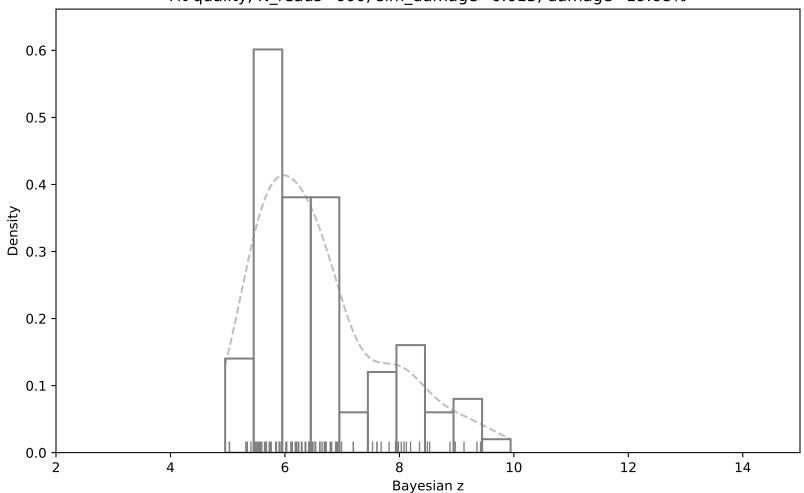
Fit quality, N\_reads=400, sim\_damage=0.615, damage=19.68%



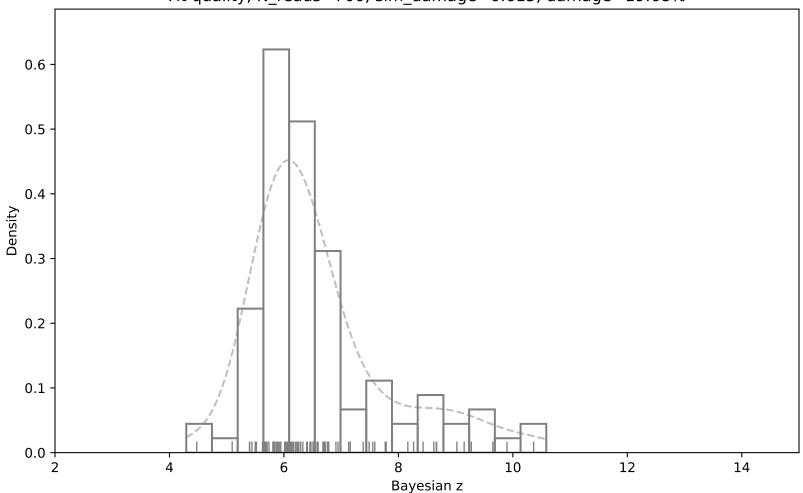
Fit quality, N\_reads=500, sim\_damage=0.615, damage=19.68%



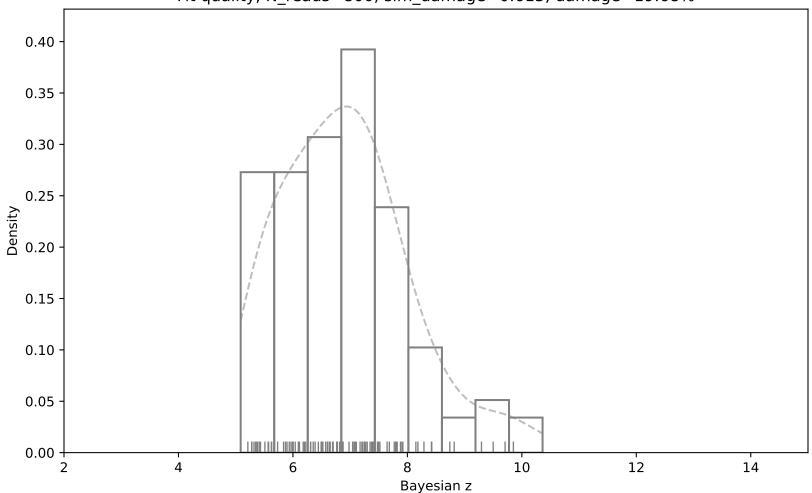
Fit quality, N\_reads=600, sim\_damage=0.615, damage=19.68%



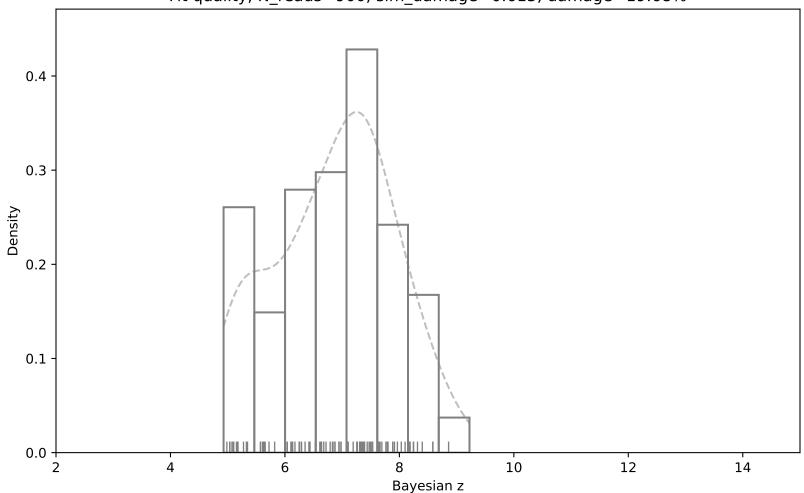
Fit quality, N\_reads=700, sim\_damage=0.615, damage=19.68%



Fit quality, N\_reads=800, sim\_damage=0.615, damage=19.68%



Fit quality, N\_reads=900, sim\_damage=0.615, damage=19.68%



Fit quality, N\_reads=1000, sim\_damage=0.615, damage=19.68% 0.7 -0.6 0.5 Density . F.0 0.3 0.2 0.1 0.0 + 12 14 10

Fit quality, N\_reads=5000, sim\_damage=0.615, damage=19.68% 0.35 0.30 0.25 Density 0.15 0.10 0.05 0.00 +---2 6 8 10 12 14 Bayesian z

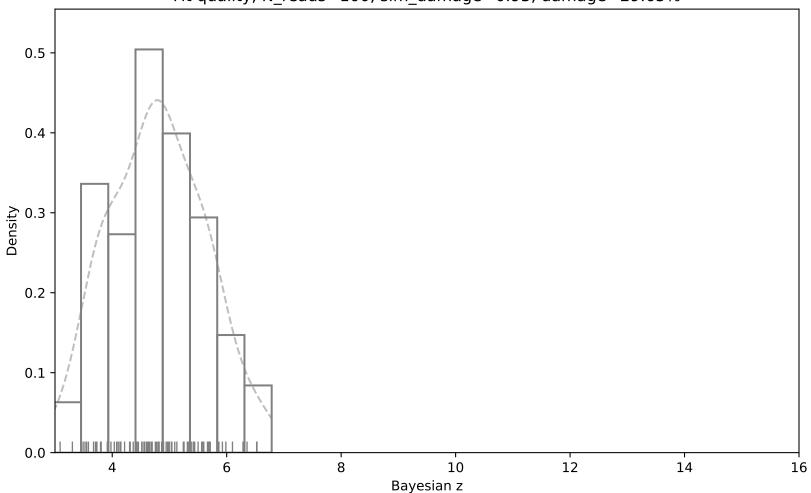
Fit quality, N\_reads=10000, sim\_damage=0.615, damage=19.68% 0.30 0.25 0.20 Density 0.10 0.05 0.00 +--2 14 6 8 10 12 Bayesian z

Fit quality, N\_reads=100000, sim\_damage=0.615, damage=19.68% 1.0 8.0 Density 9.0 0.4 0.2 0.0 + 10 12 14 6 8 Bayesian z

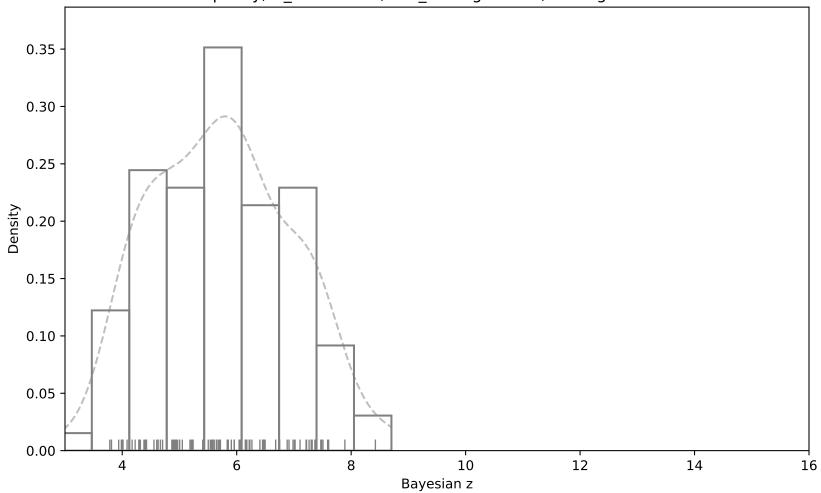
Fit quality, N\_reads=1000000, sim\_damage=0.615, damage=19.68% 3.0 2.5 2.0 -Density 1.5 1.0 0.5 0.0 + 12 10 6 8 14 Bayesian z

Fit quality, N\_reads=10000000, sim\_damage=0.615, damage=19.68% 2.5 2.0 Density 1.0 0.5 0.0 +-2 12 6 8 10 14

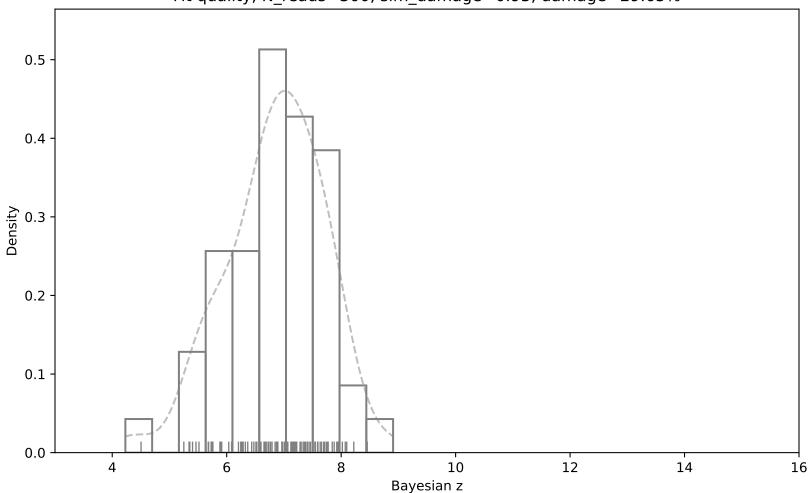
Fit quality, N\_reads=100, sim\_damage=0.93, damage=29.65%



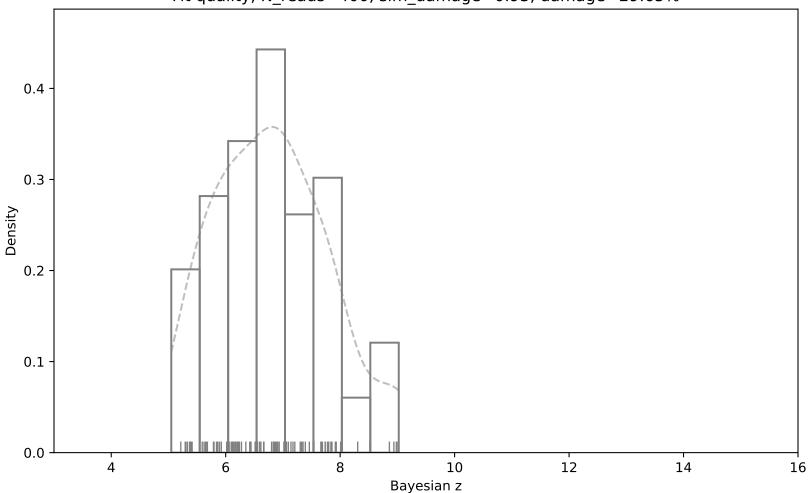
Fit quality, N\_reads=200, sim\_damage=0.93, damage=29.65%



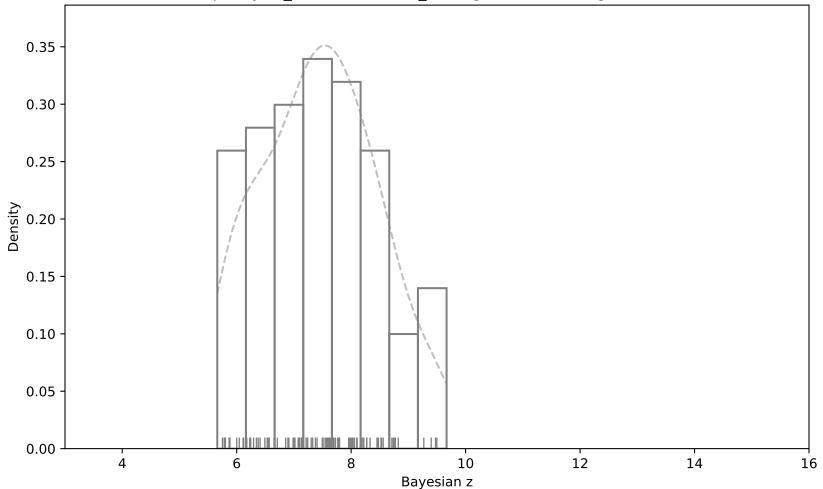
Fit quality, N\_reads=300, sim\_damage=0.93, damage=29.65%



Fit quality, N\_reads=400, sim\_damage=0.93, damage=29.65%

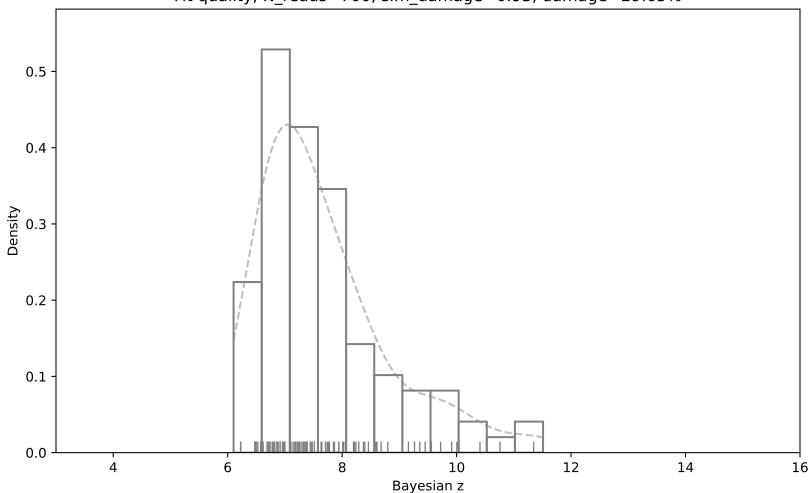


Fit quality, N\_reads=500, sim\_damage=0.93, damage=29.65%

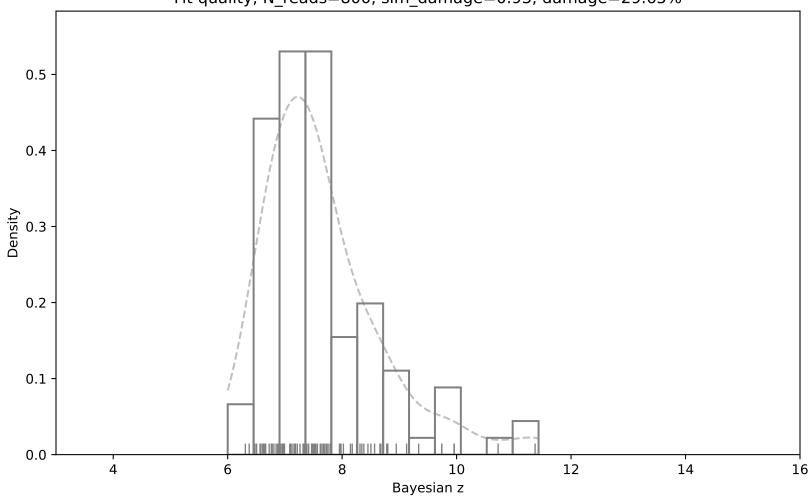


Fit quality, N\_reads=600, sim\_damage=0.93, damage=29.65% 0.7 0.6 0.5 Density - 4.0 0.3 -0.2 0.1 0.0 12 14 6 10 16 Bayesian z

Fit quality, N\_reads=700, sim\_damage=0.93, damage=29.65%

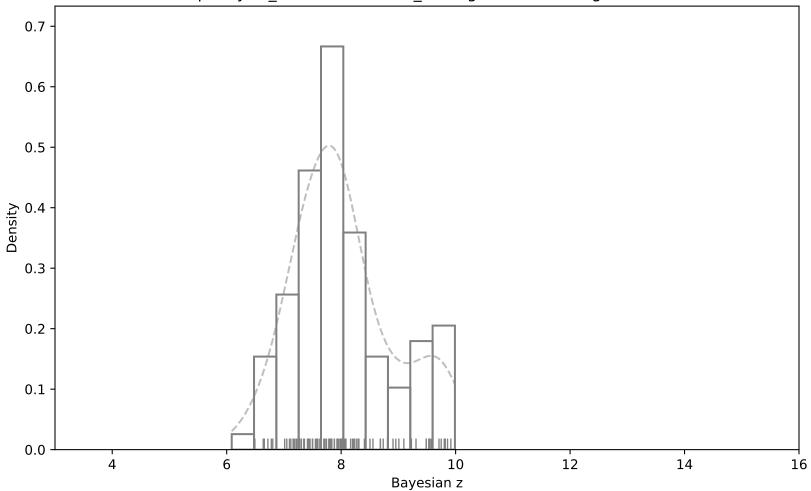


Fit quality, N\_reads=800, sim\_damage=0.93, damage=29.65%

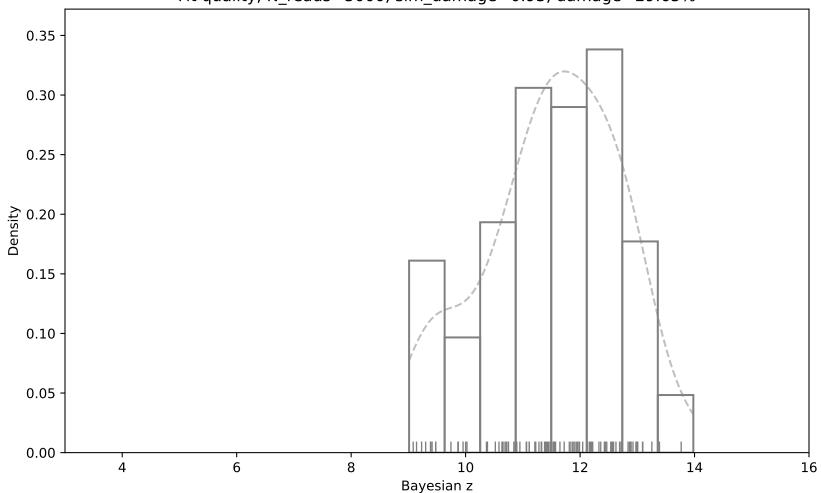


Fit quality, N\_reads=900, sim\_damage=0.93, damage=29.65% 0.7 0.6 0.5 Density 0.4 0.3 0.2 0.1 0.0 14 6 12 10 16 Bayesian z

Fit quality, N\_reads=1000, sim\_damage=0.93, damage=29.65%



Fit quality, N\_reads=5000, sim\_damage=0.93, damage=29.65%



Fit quality, N\_reads=10000, sim\_damage=0.93, damage=29.65% 0.40 -0.35 0.30 -0.25 Density - 05.0 0.15 0.10 0.05 0.00 12 6 8 10 14 16 Bayesian z

Fit quality, N\_reads=100000, sim\_damage=0.93, damage=29.65% 8.0 0.6 -Density 0.4 -0.2 0.0 10 12 6 8 14 16 Bayesian z

Fit quality, N\_reads=1000000, sim\_damage=0.93, damage=29.65% 2.5 2.0 Density 1.0 -0.5 0.0 10 12 6 8 14 16 Bayesian z

