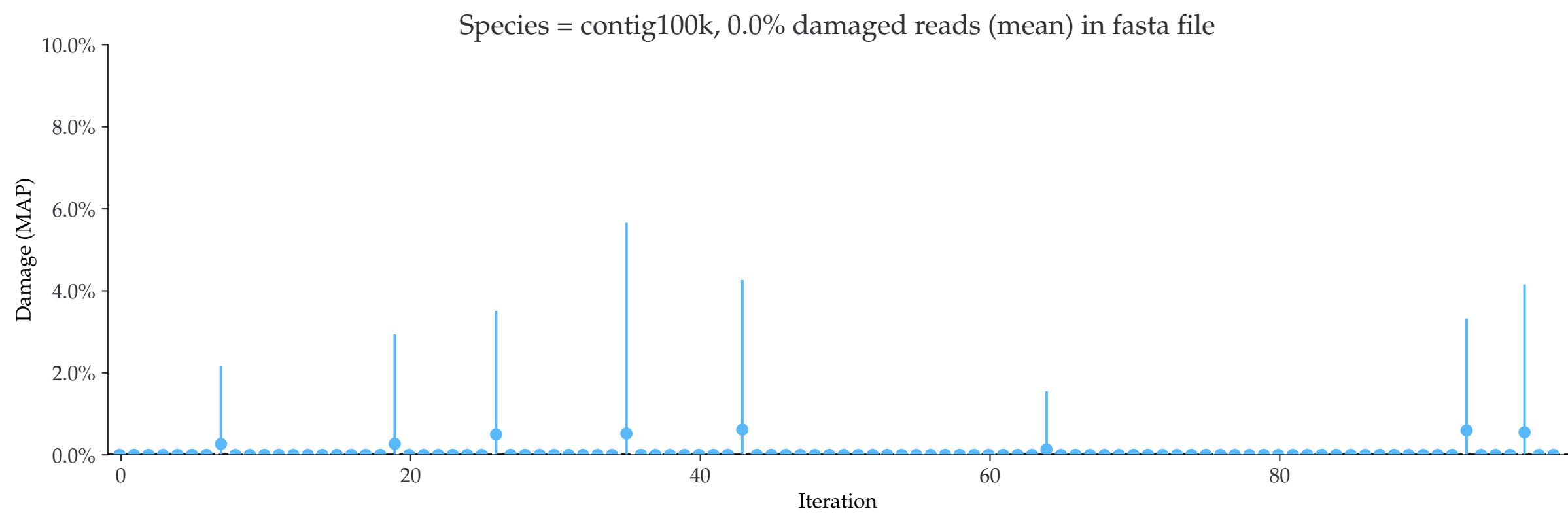Individual damages:
10 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
25 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

- - - 0.0%
● Mean ± std.

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
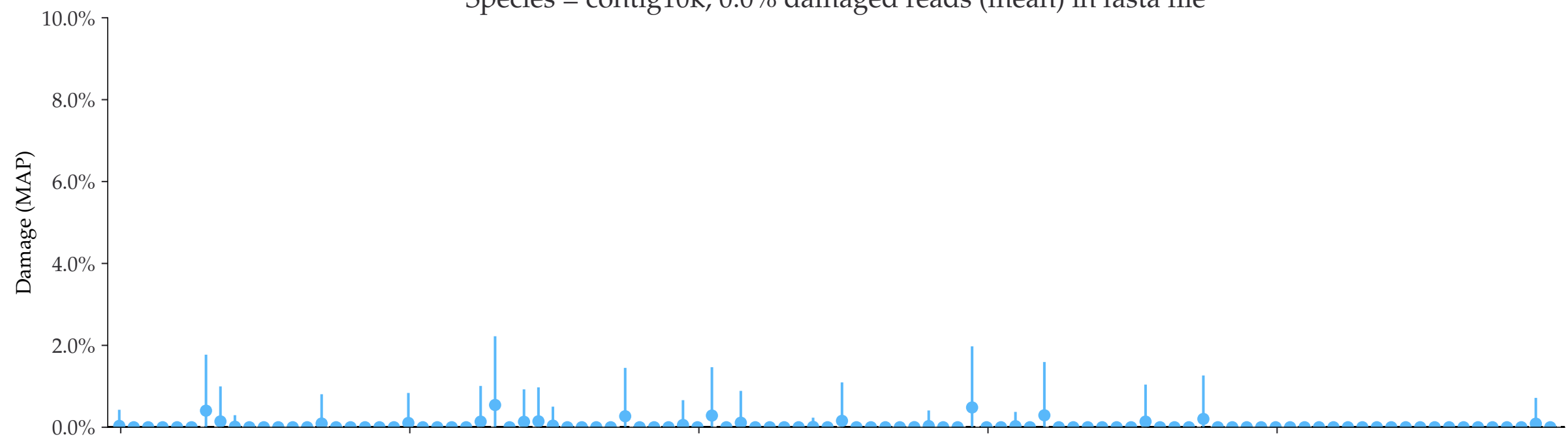50 reads
Briggs damage = 0.0
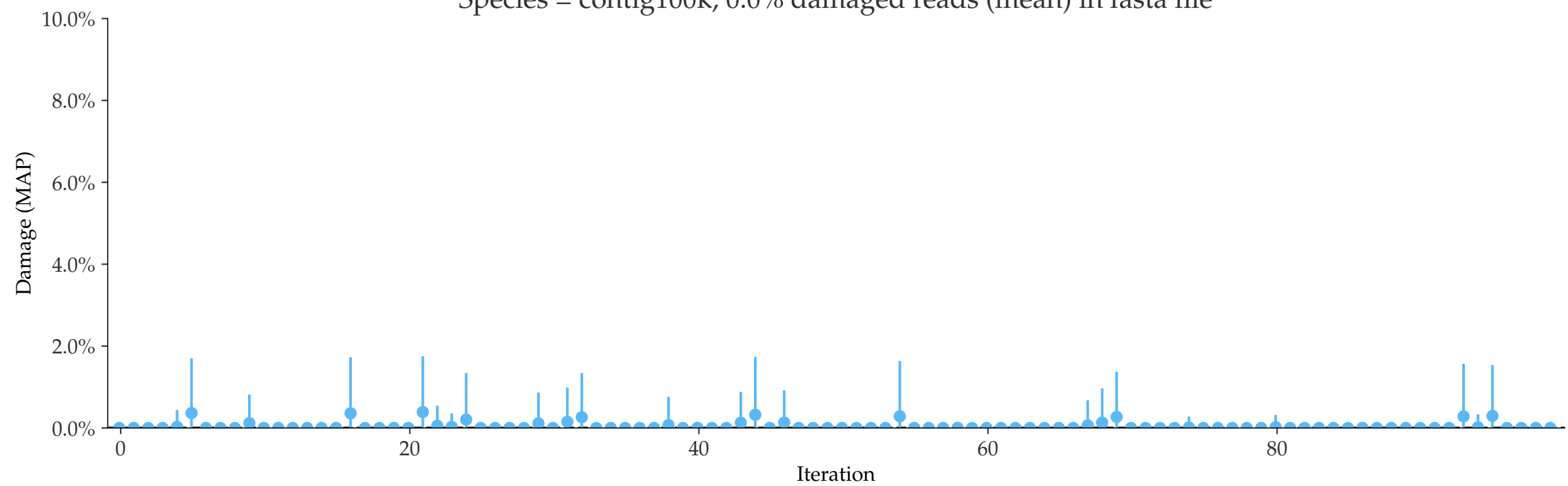Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file
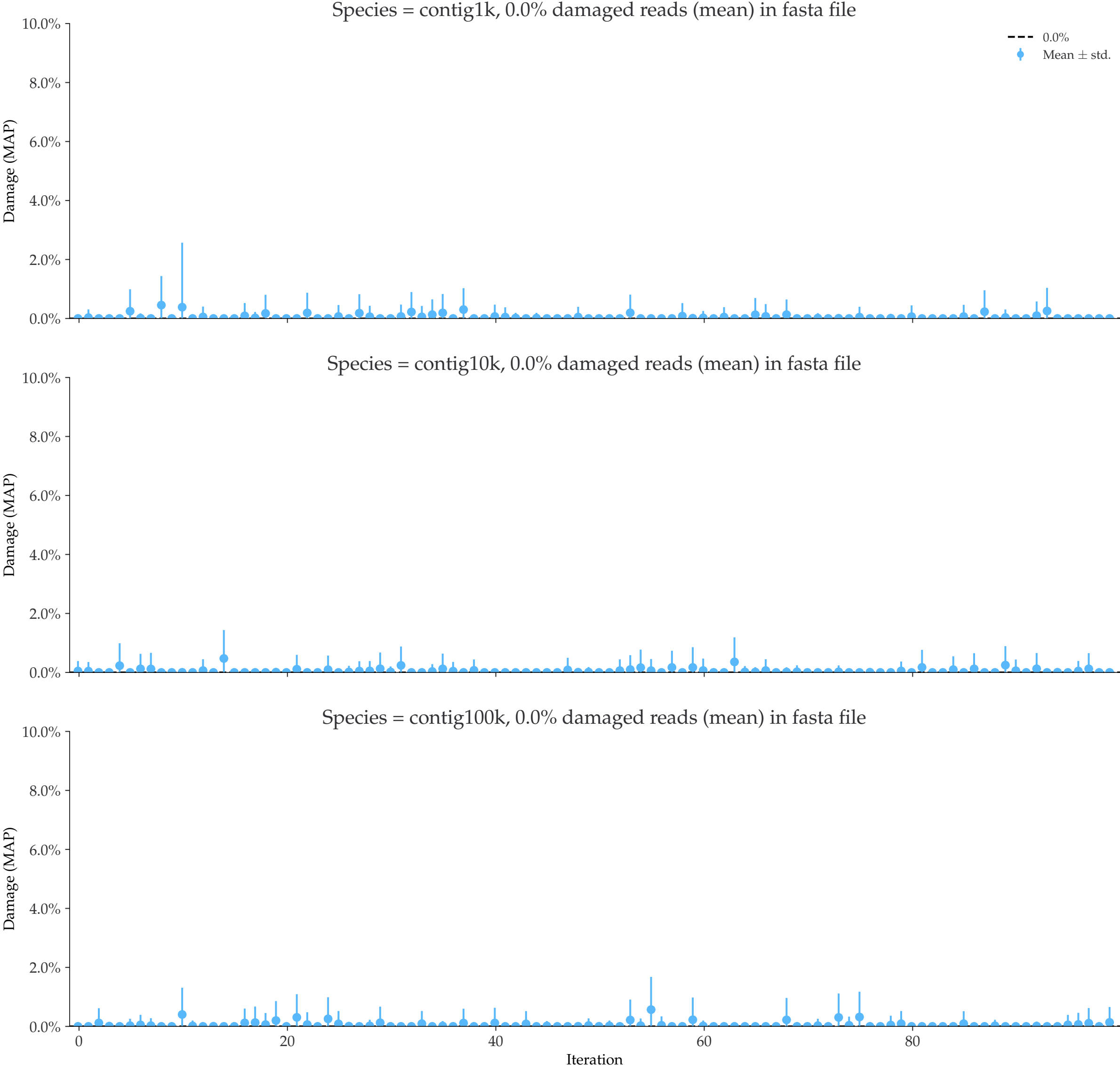

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
100 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

Species = contig10k, 0.0% damaged reads (mean) in fasta file

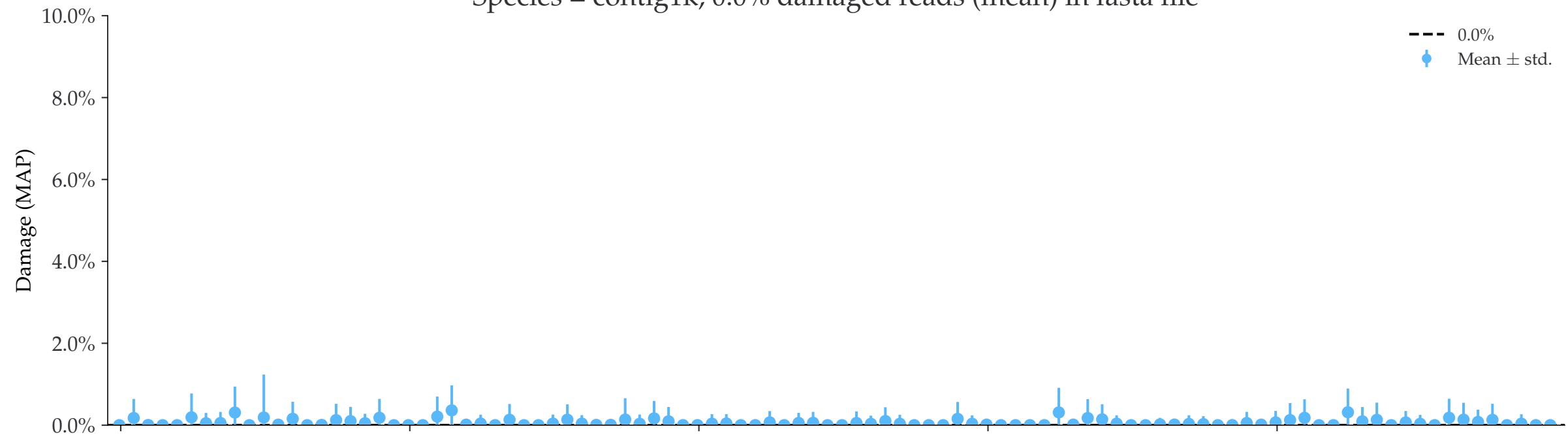Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
250 reads
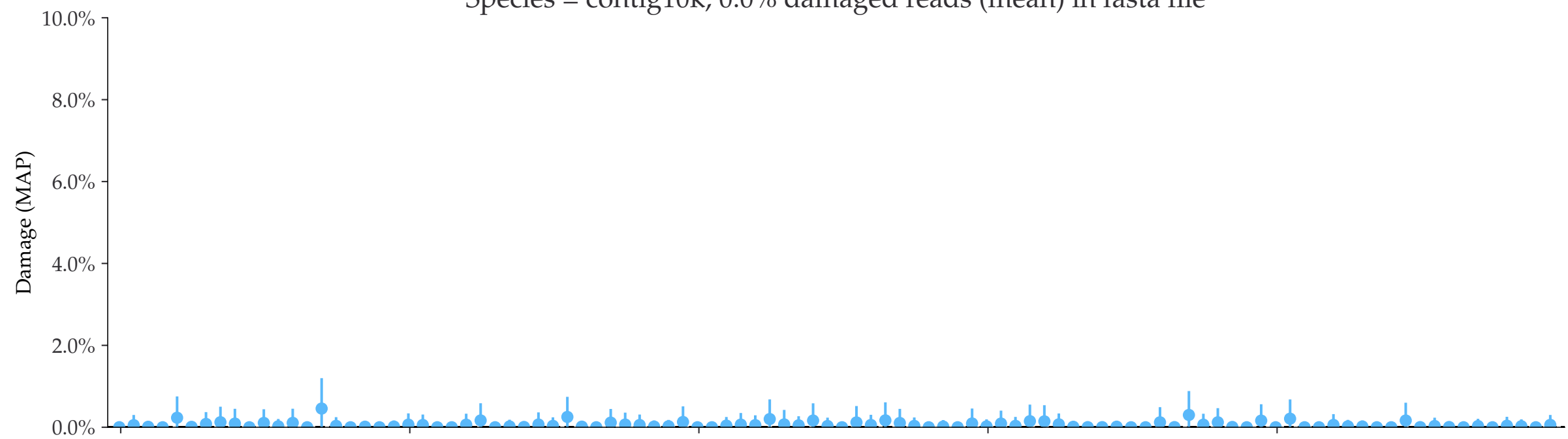Briggs damage = 0.0
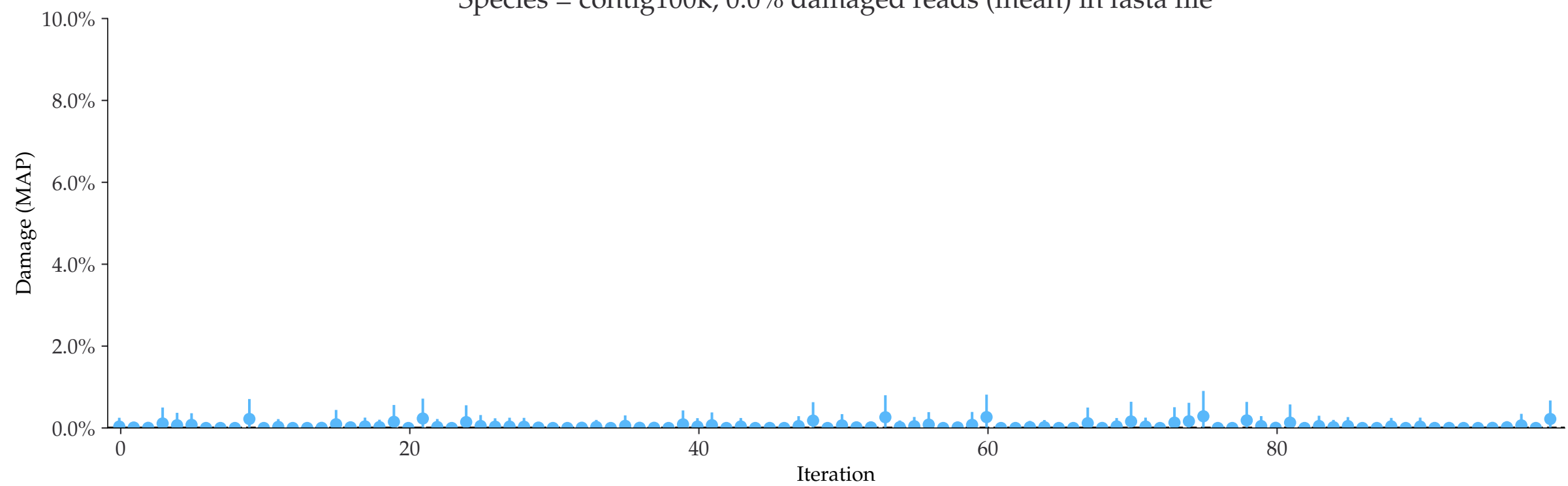Damage percent (approx) = 0%

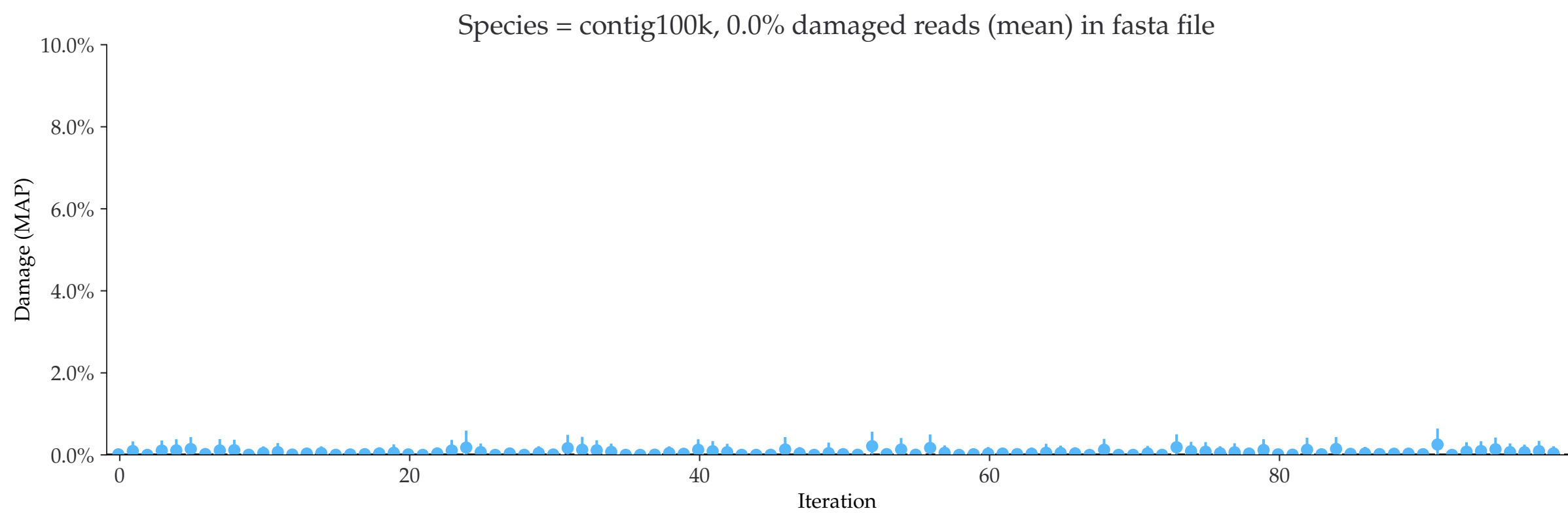Species = contig1k, 0.0% damaged reads (mean) in fasta file

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

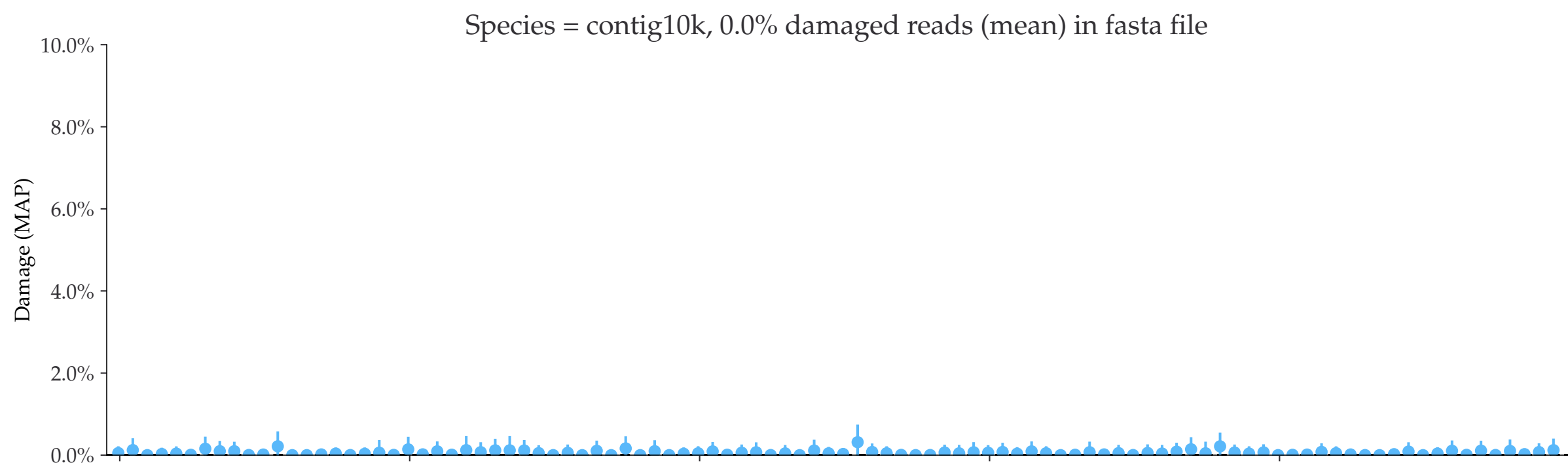Species = contig1k, 0.0% damaged reads (mean) in fasta file
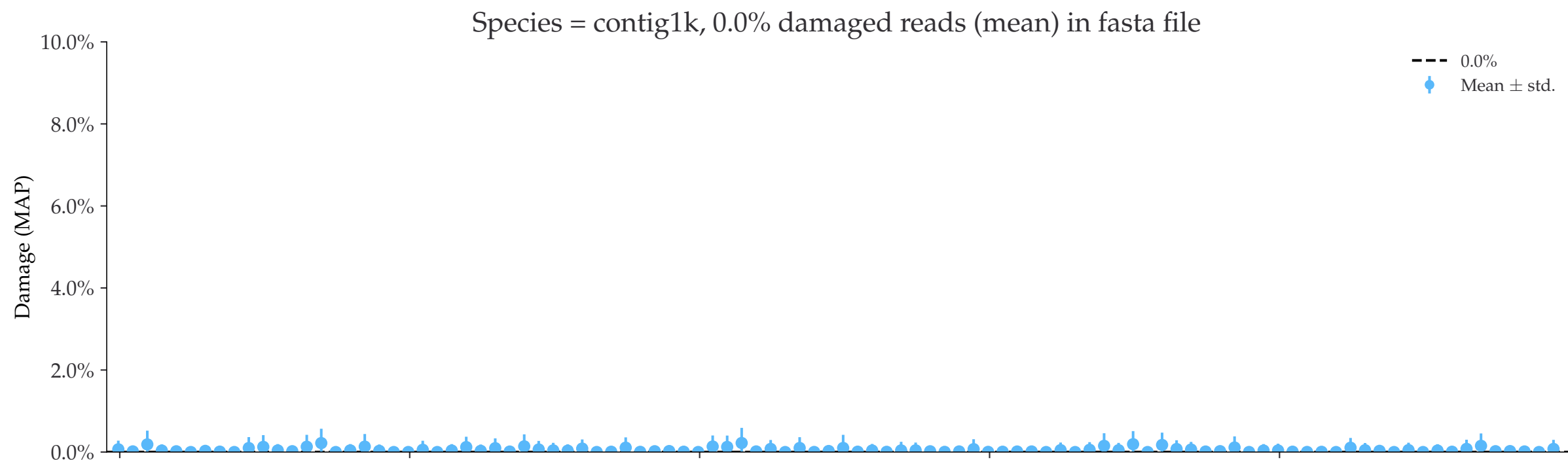

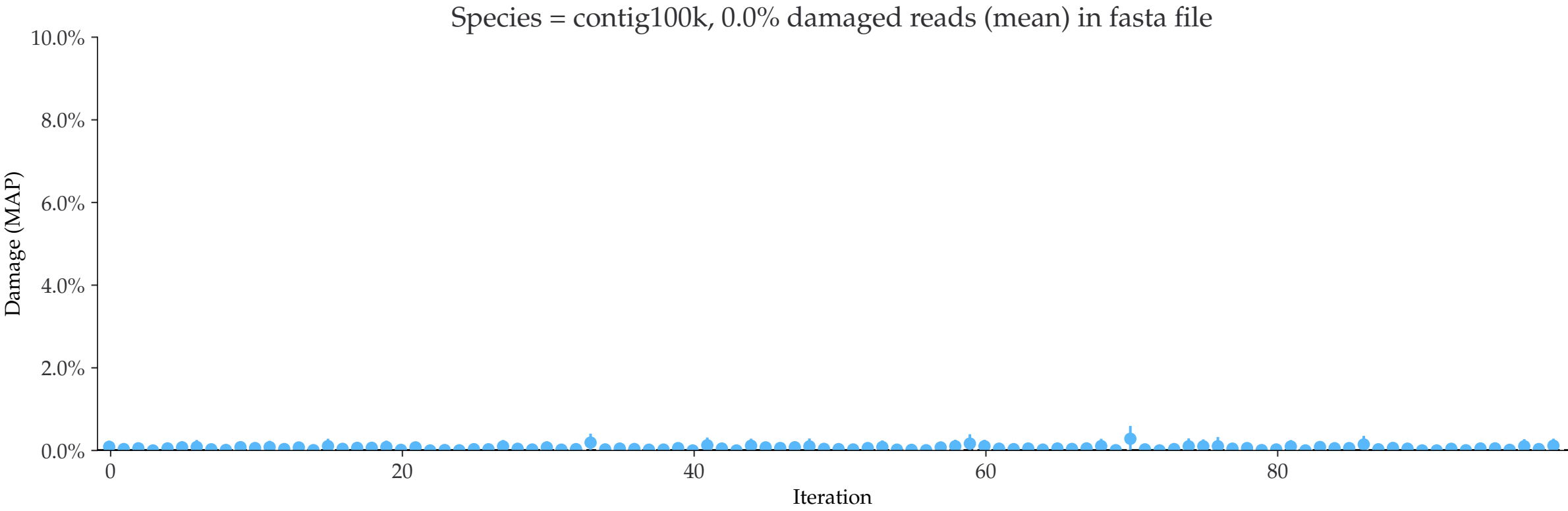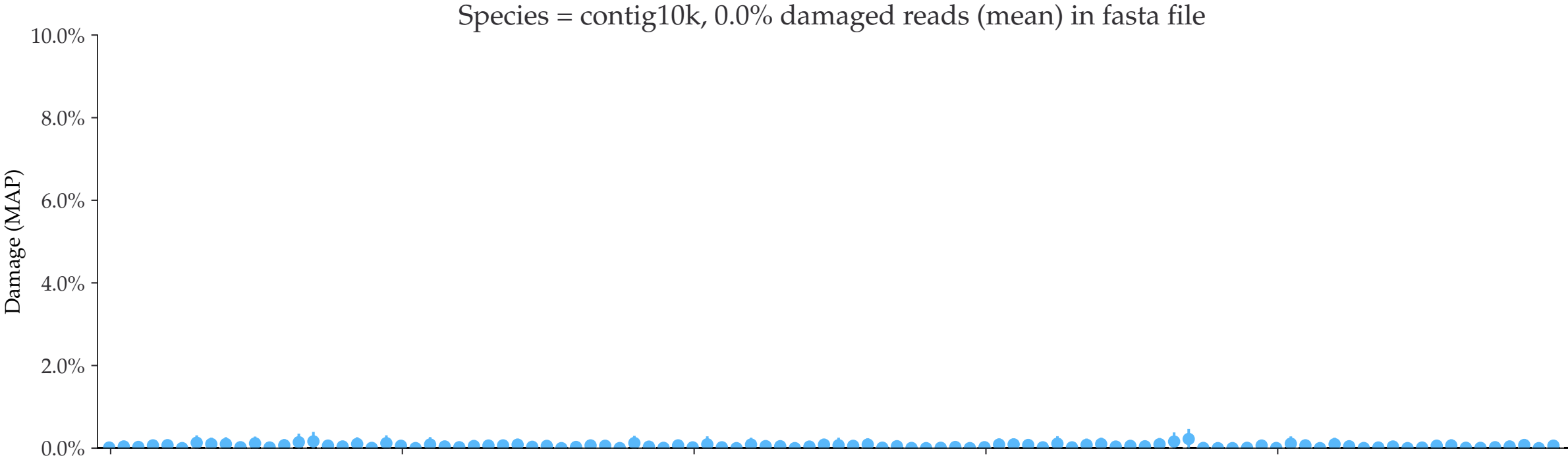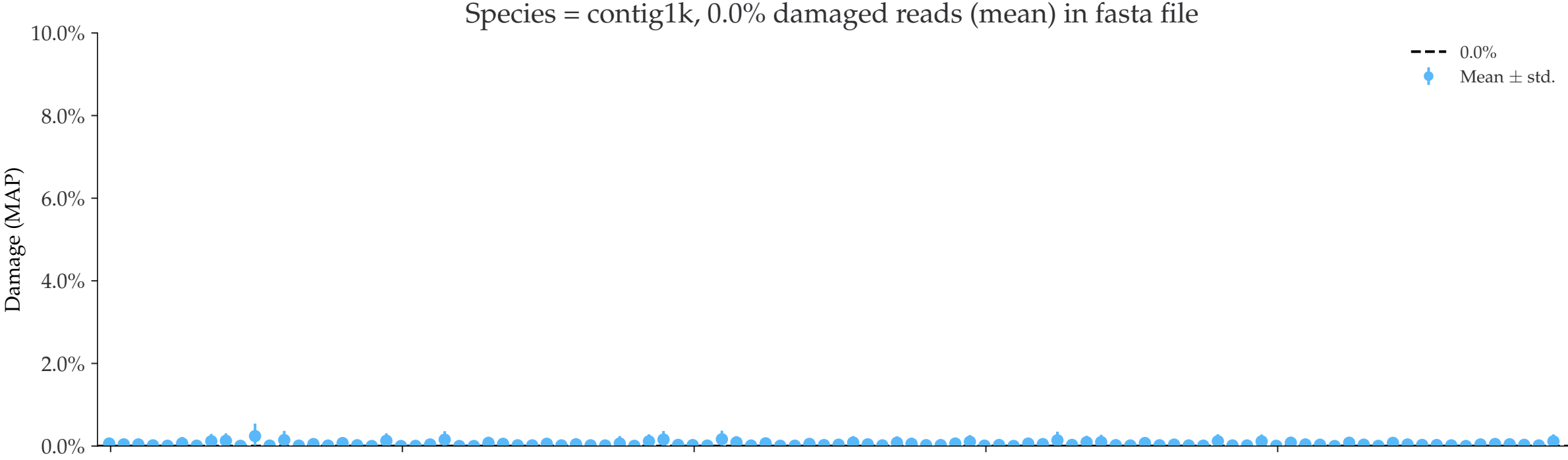Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
1000 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
2500 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

Species = contig10k, 0.0% damaged reads (mean) in fasta file

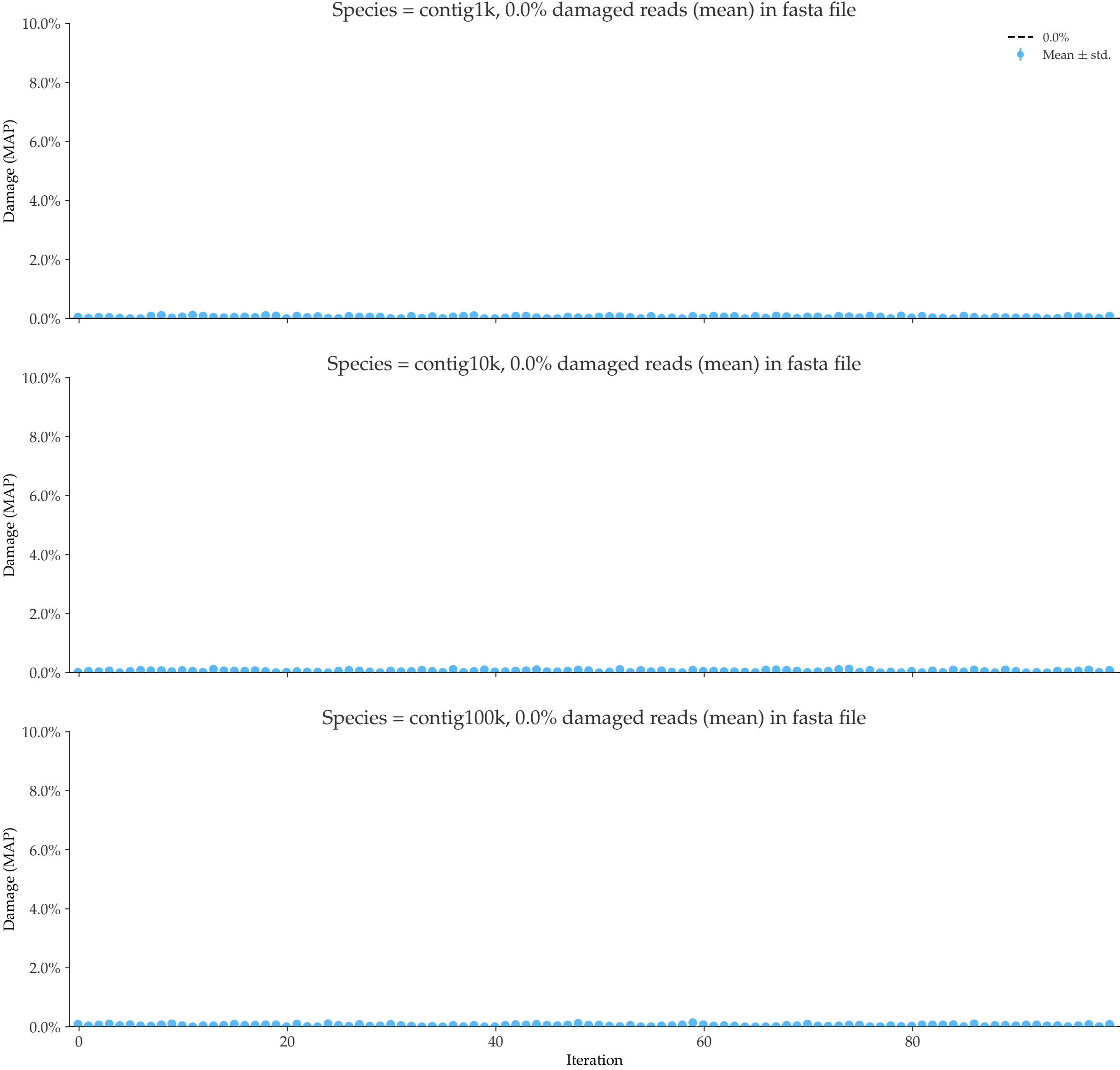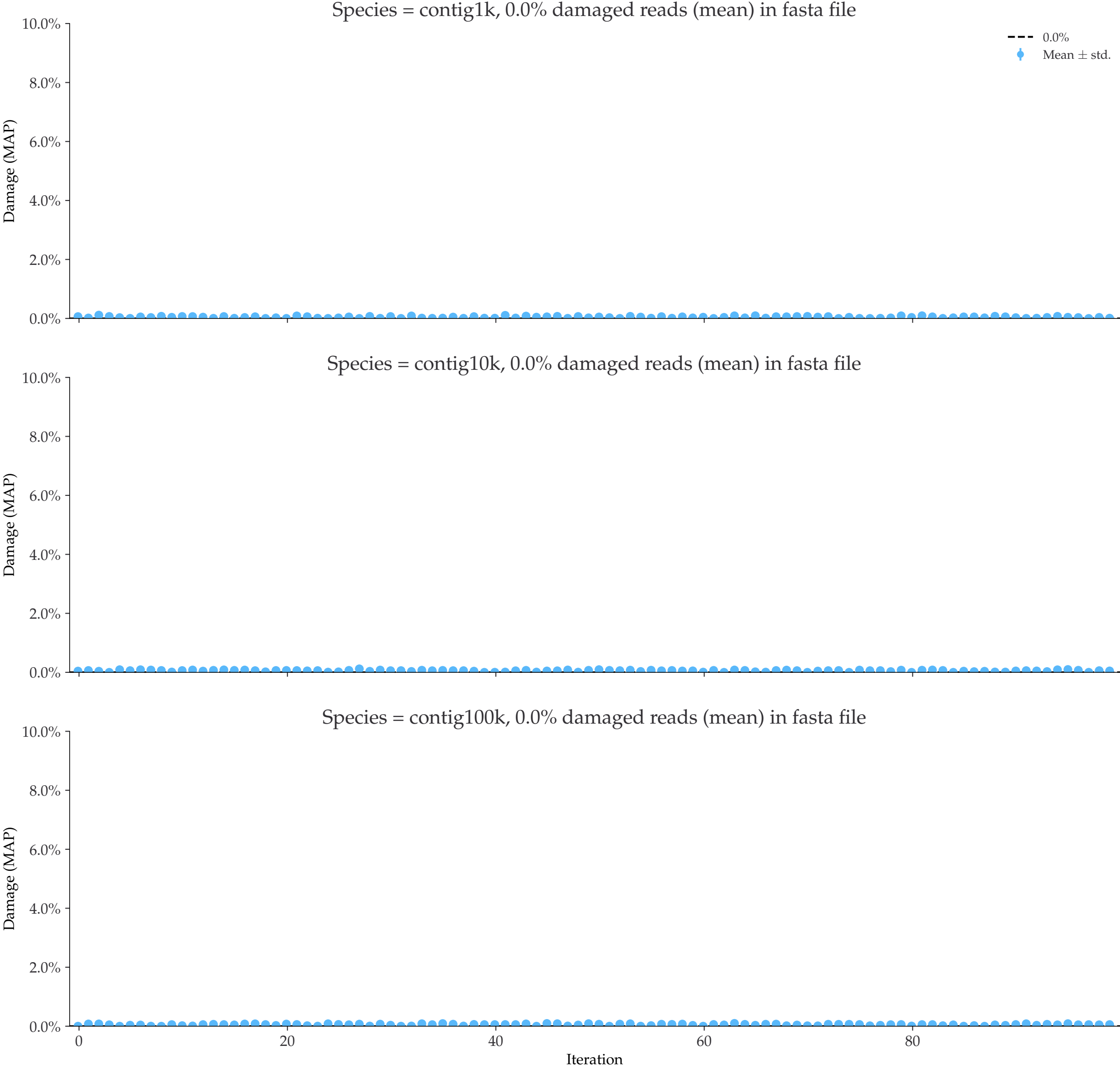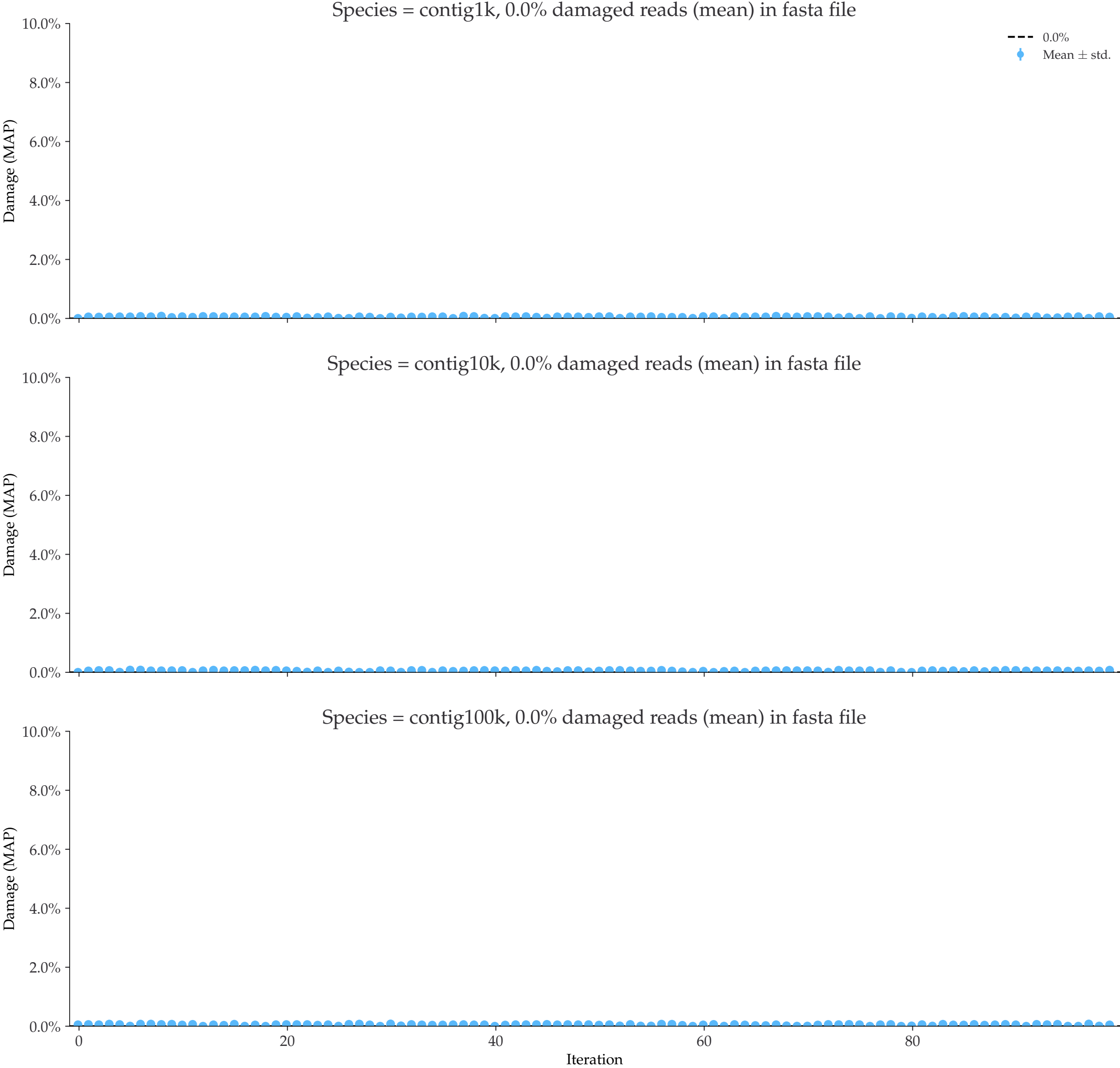Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
5000 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Individual damages:
10000 reads
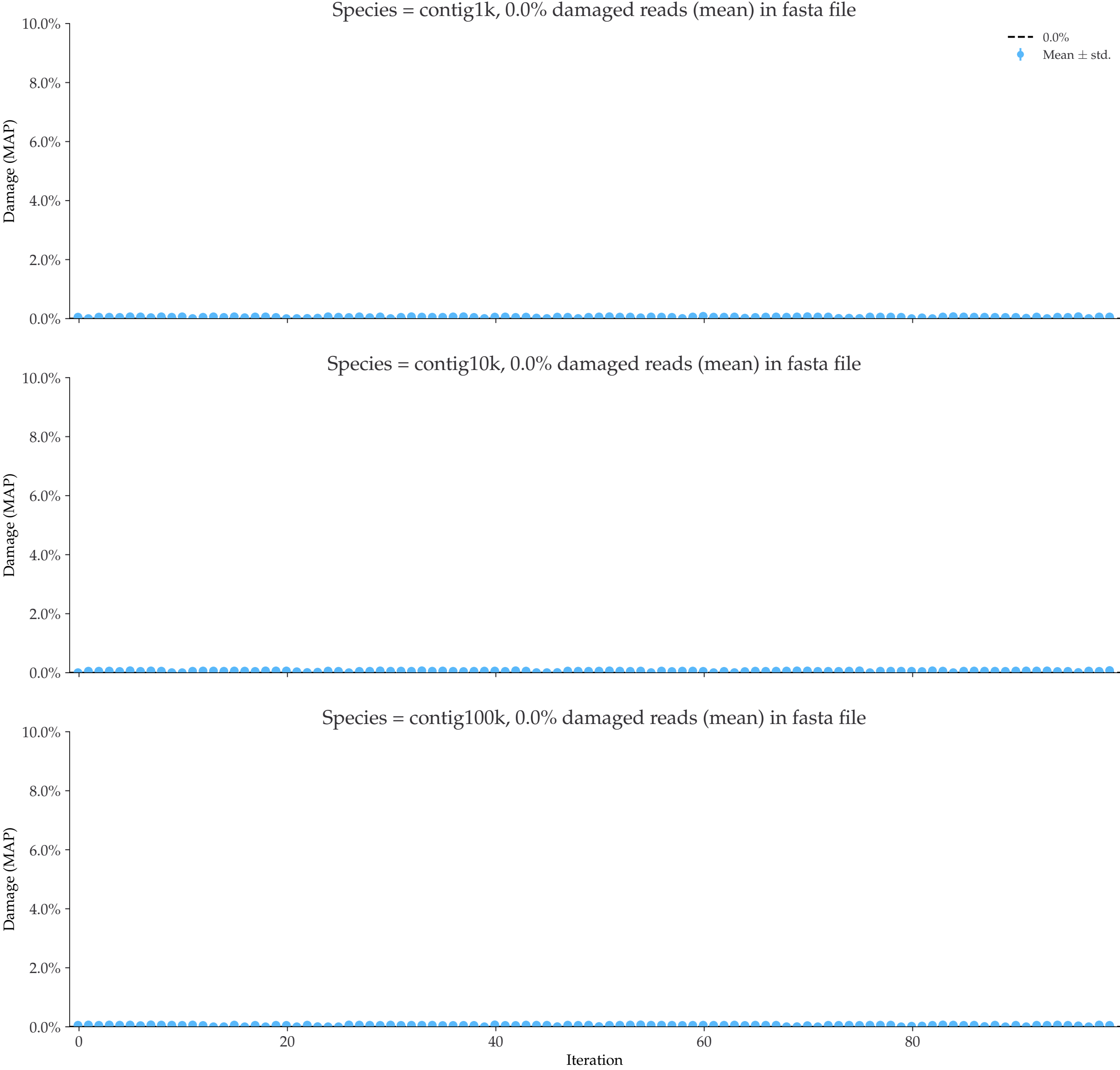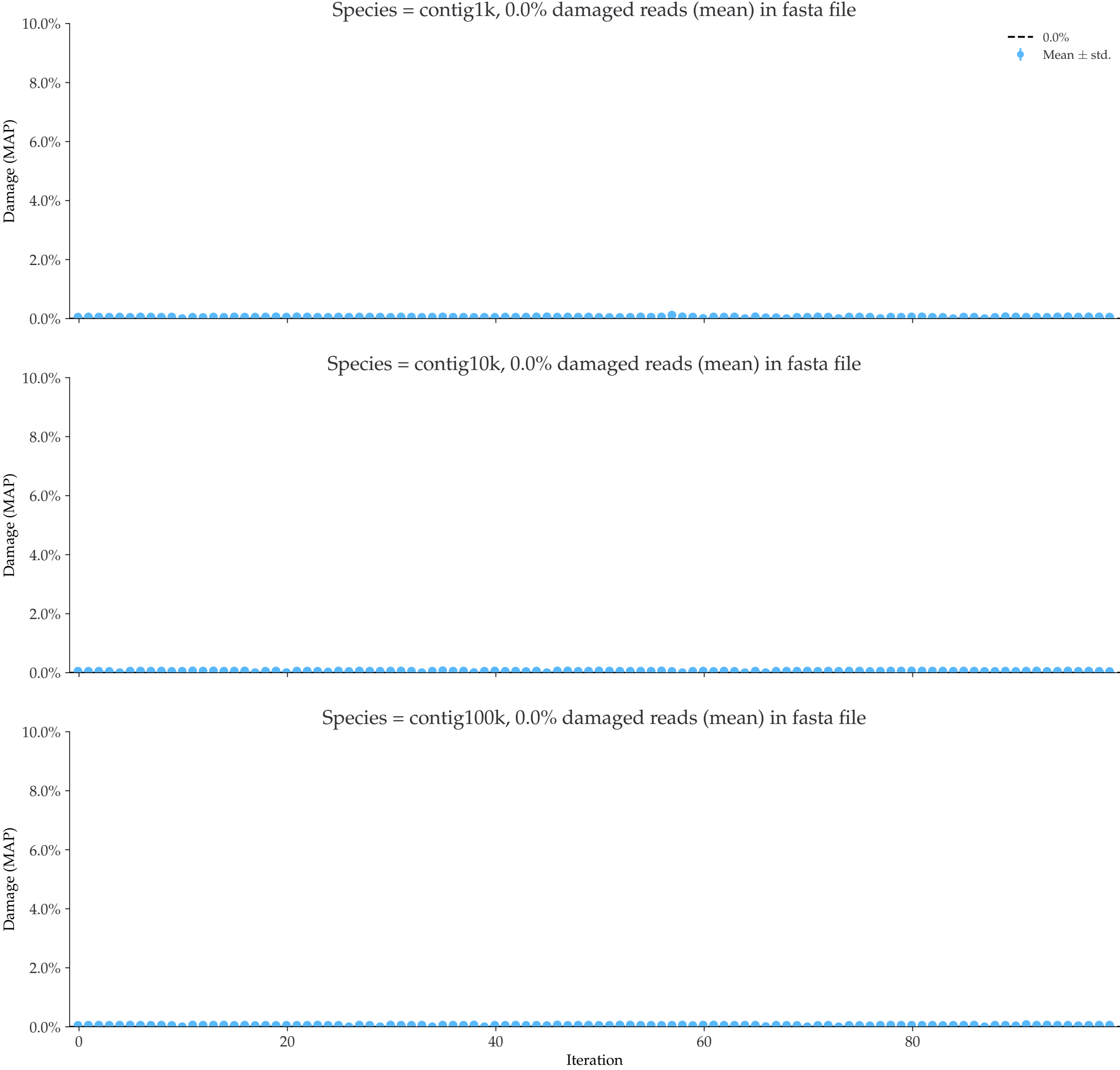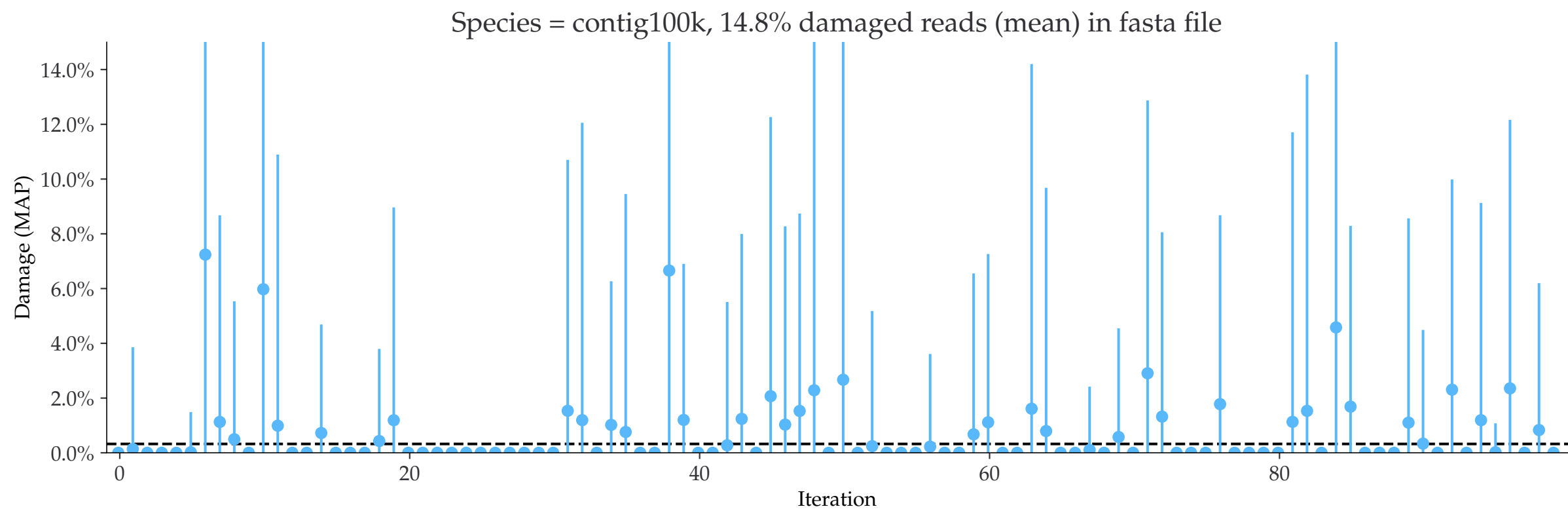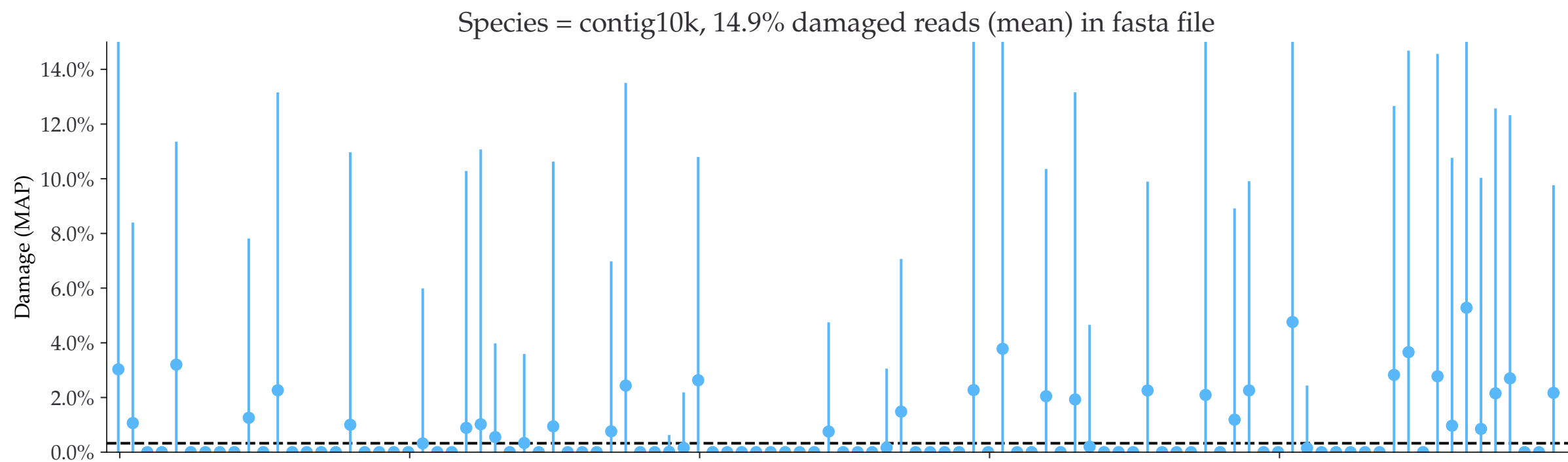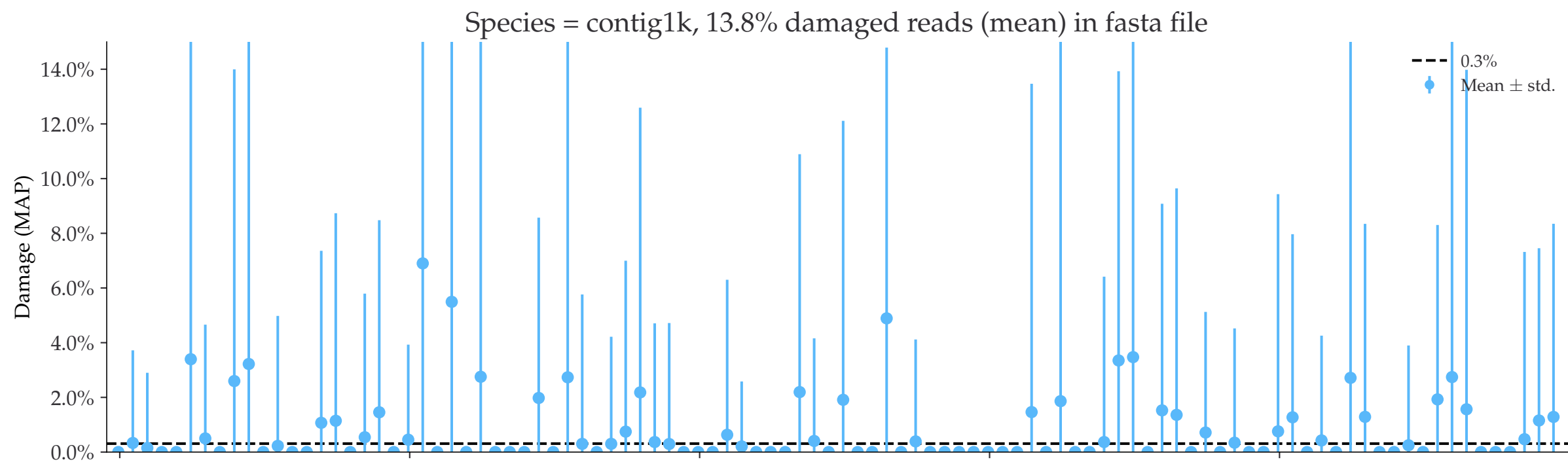Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

- - - 0.0%
● Mean ± std.

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
25000 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

- - - 0.0%
● Mean ± std.

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Iteration

Individual damages:
50000 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Species = contig1k, 0.0% damaged reads (mean) in fasta file

Species = contig10k, 0.0% damaged reads (mean) in fasta file

Species = contig100k, 0.0% damaged reads (mean) in fasta file

Individual damages:
100000 reads
Briggs damage = 0.0
Damage percent (approx) = 0%

Individual damages:
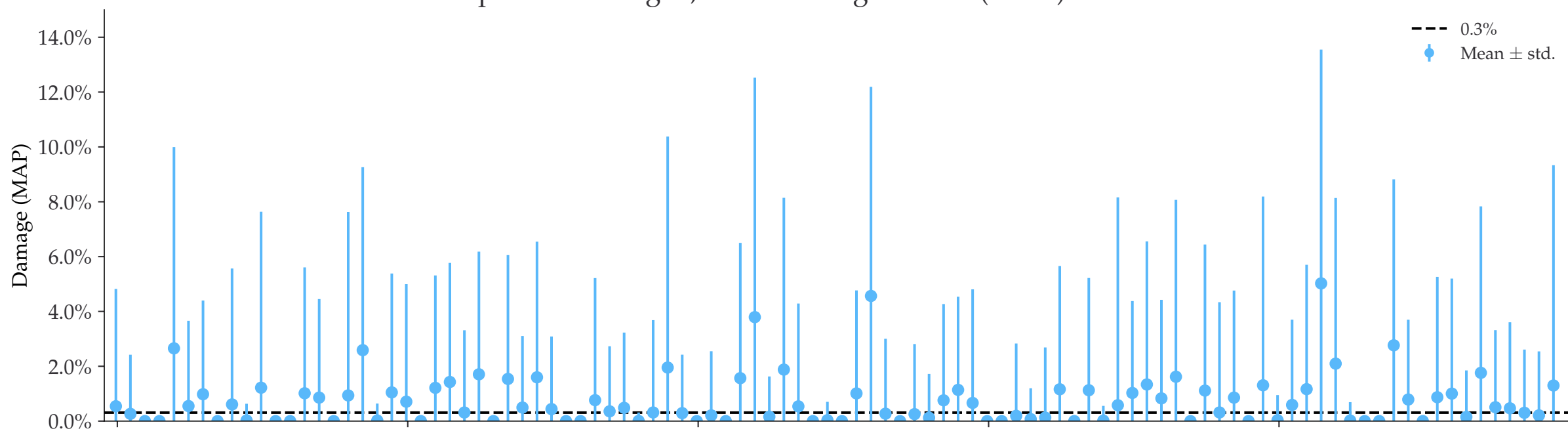10 reads
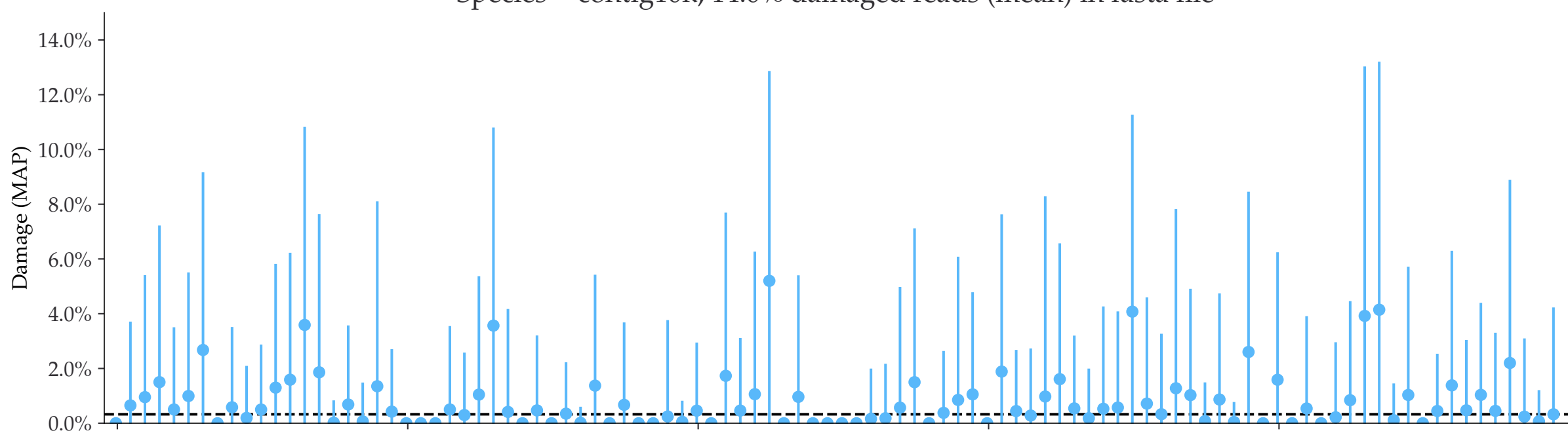Briggs damage = 0.014
Damage percent (approx) = 1%

Individual damages:
25 reads
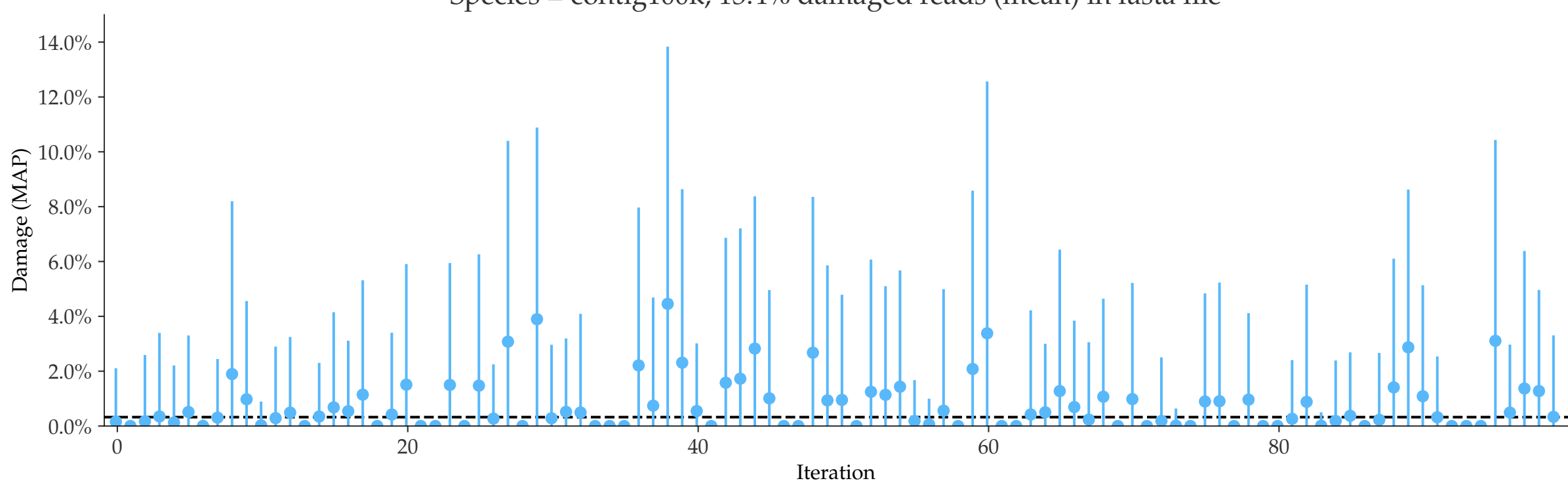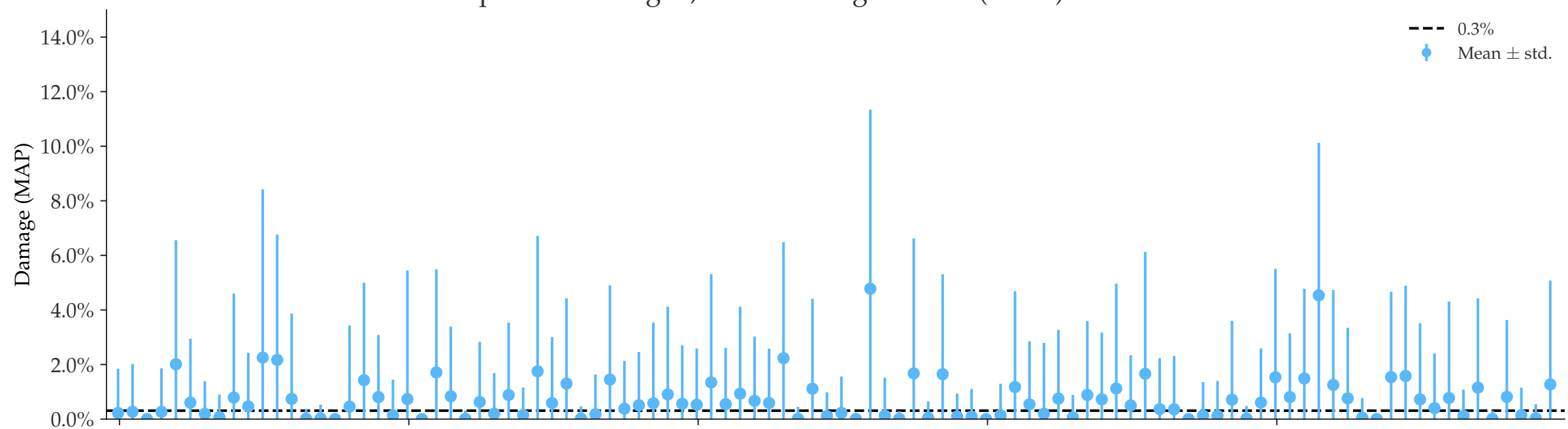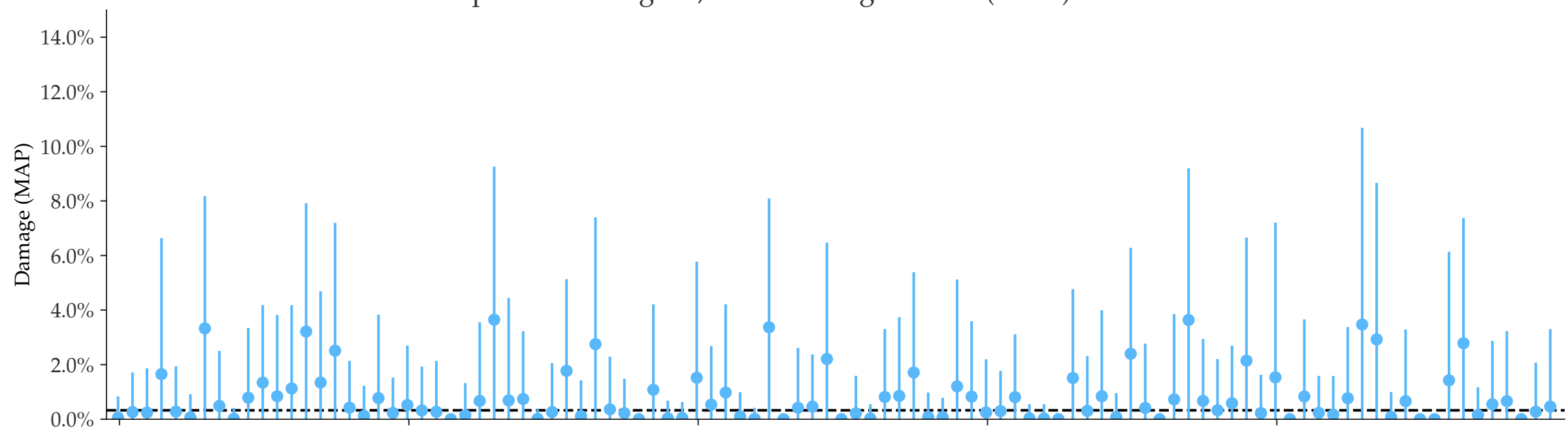Briggs damage = 0.014
Damage percent (approx) = 1%

Species = contig1k, 13.3% damaged reads (mean) in fasta file

Species = contig10k, 14.0% damaged reads (mean) in fasta file

Species = contig100k, 13.4% damaged reads (mean) in fasta file

Individual damages:
50 reads
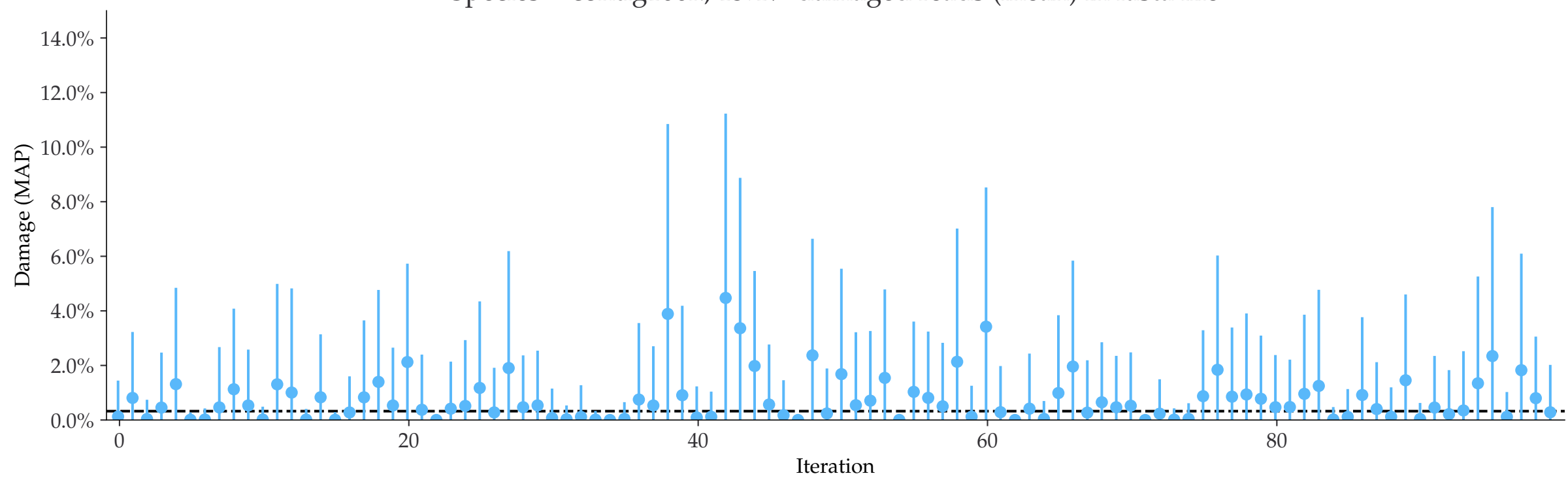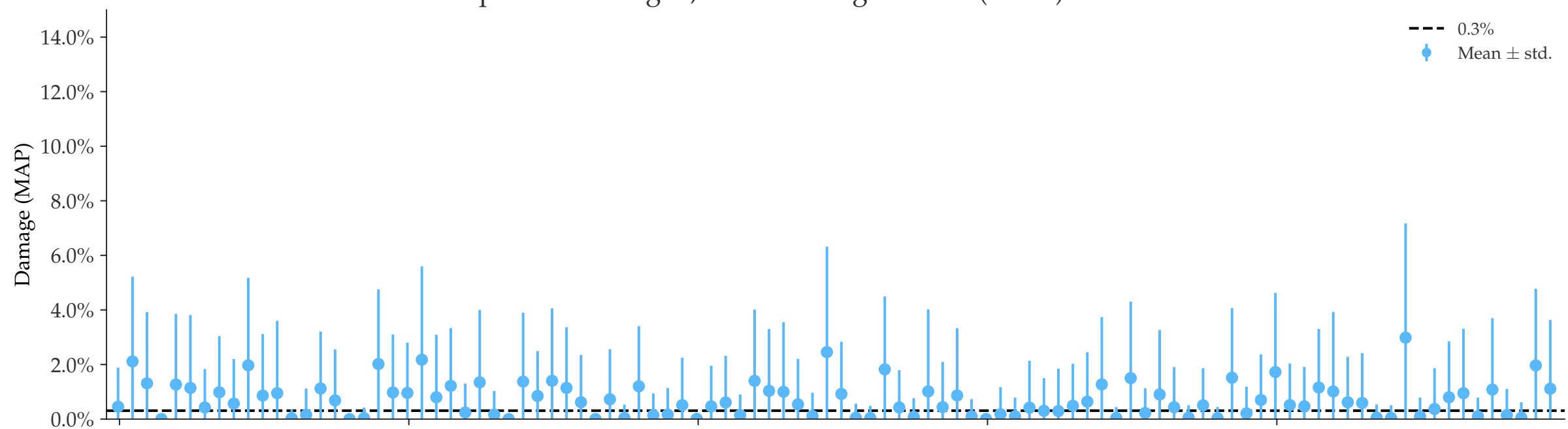Briggs damage = 0.014
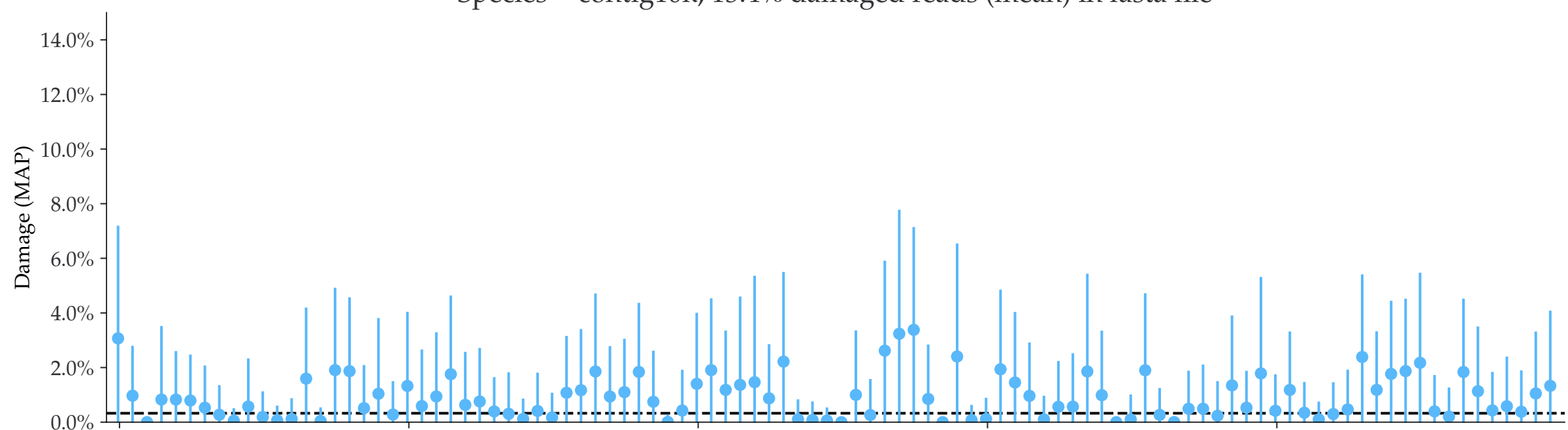Damage percent (approx) = 1%

Individual damages:
100 reads
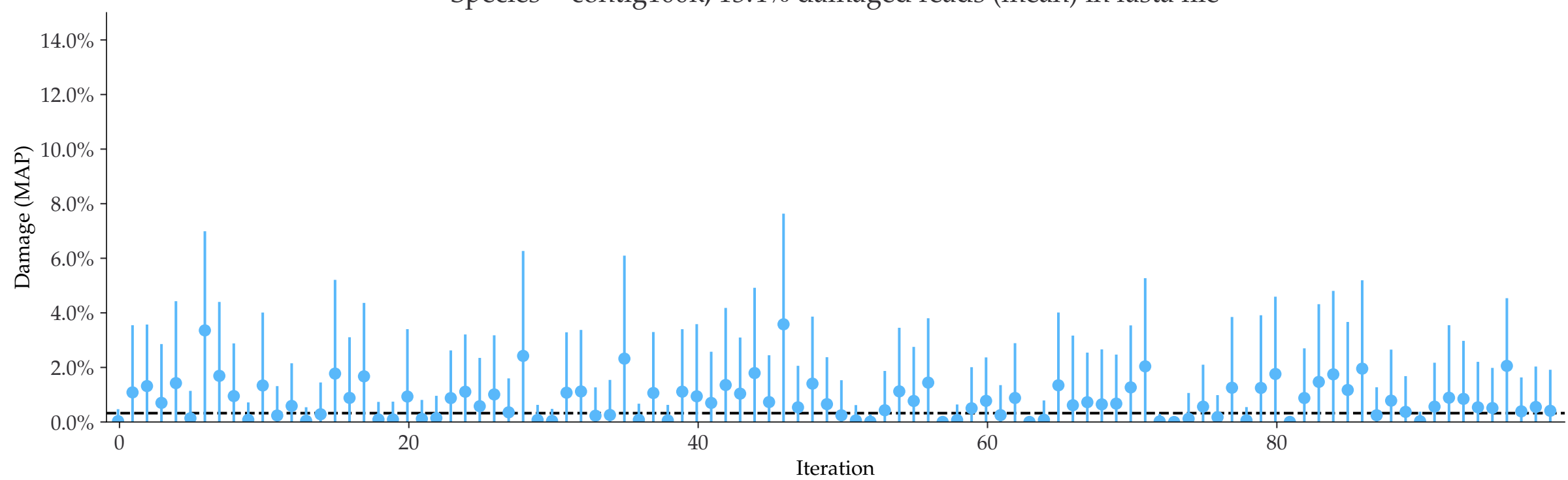Briggs damage = 0.014
Damage percent (approx) = 1%

Species = contig1k, 13.0% damaged reads (mean) in fasta file

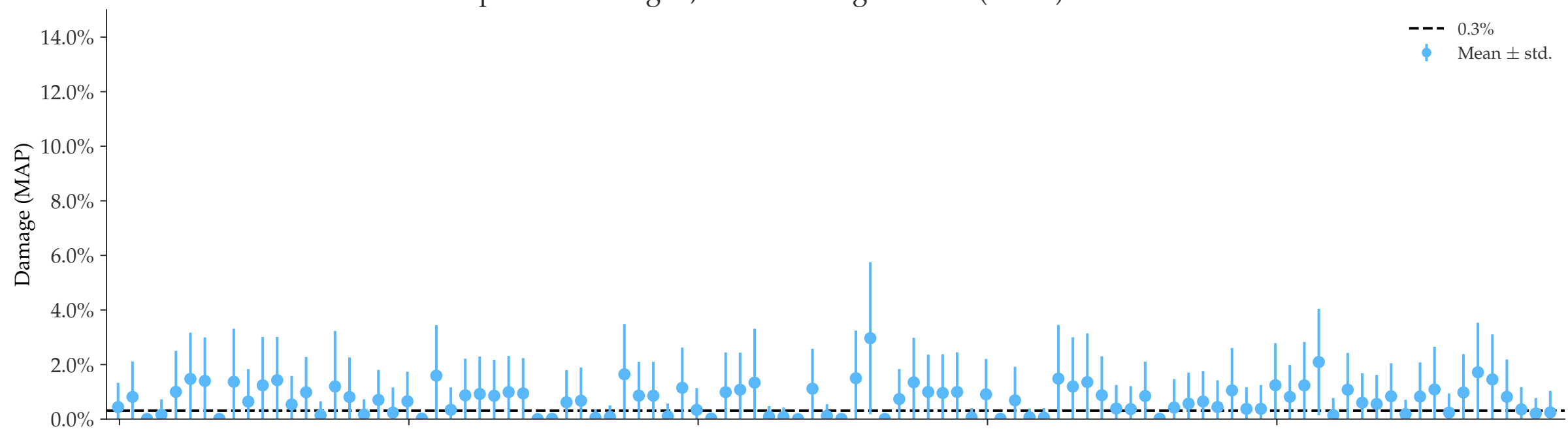Species = contig10k, 13.4% damaged reads (mean) in fasta file

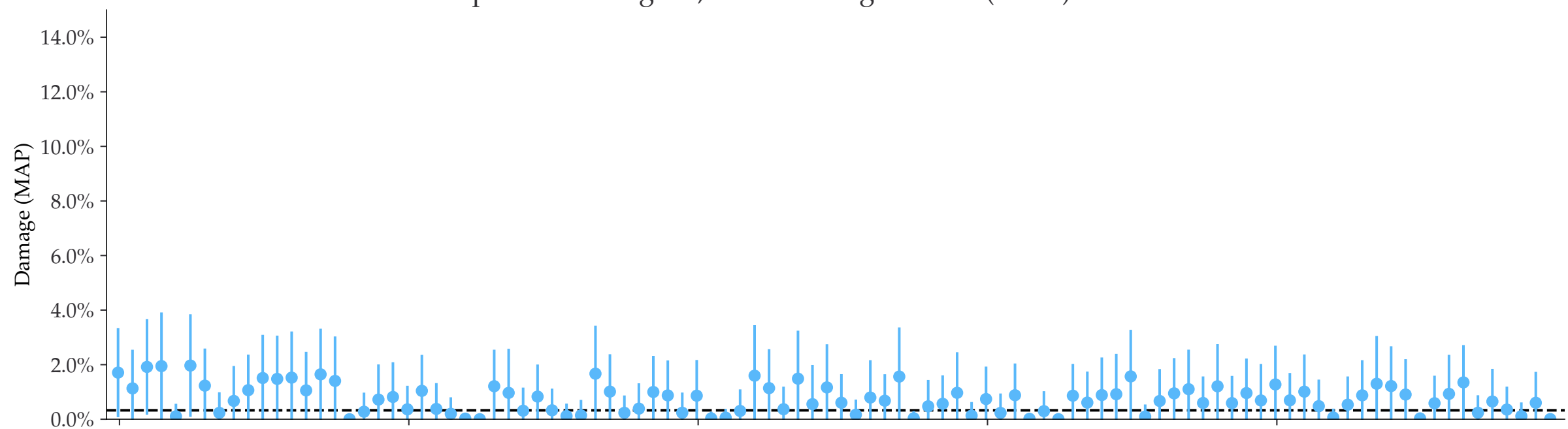Species = contig100k, 13.4% damaged reads (mean) in fasta file

Individual damages:
250 reads
Briggs damage = 0.014
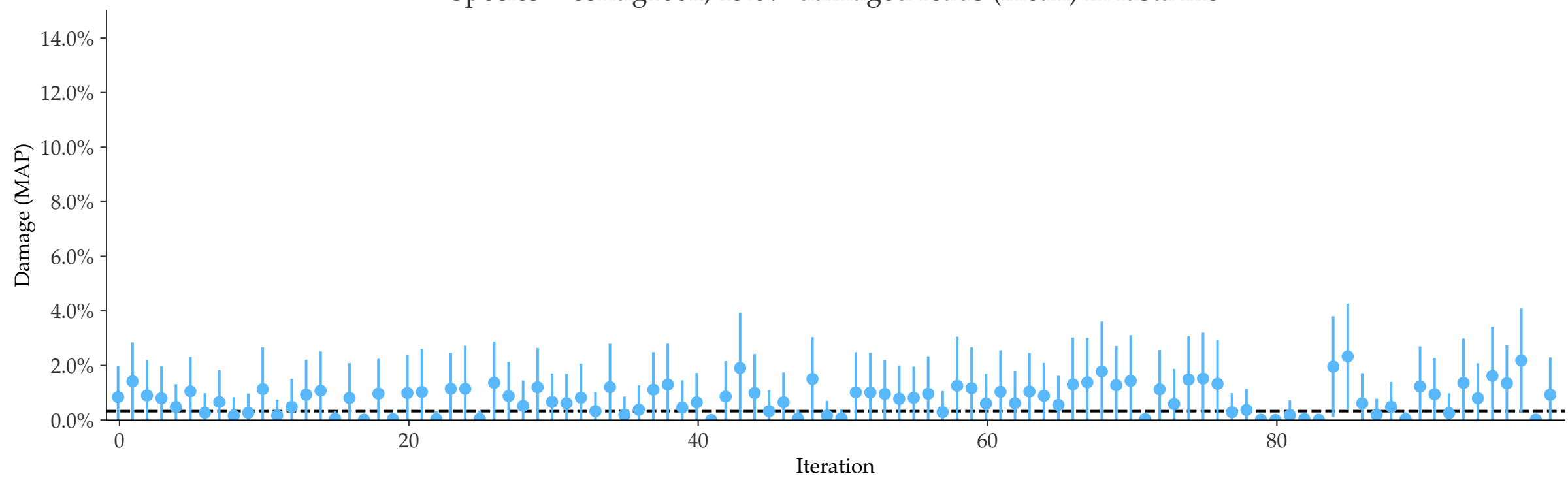Damage percent (approx) = 1%

Species = contig1k, 12.8% damaged reads (mean) in fasta file

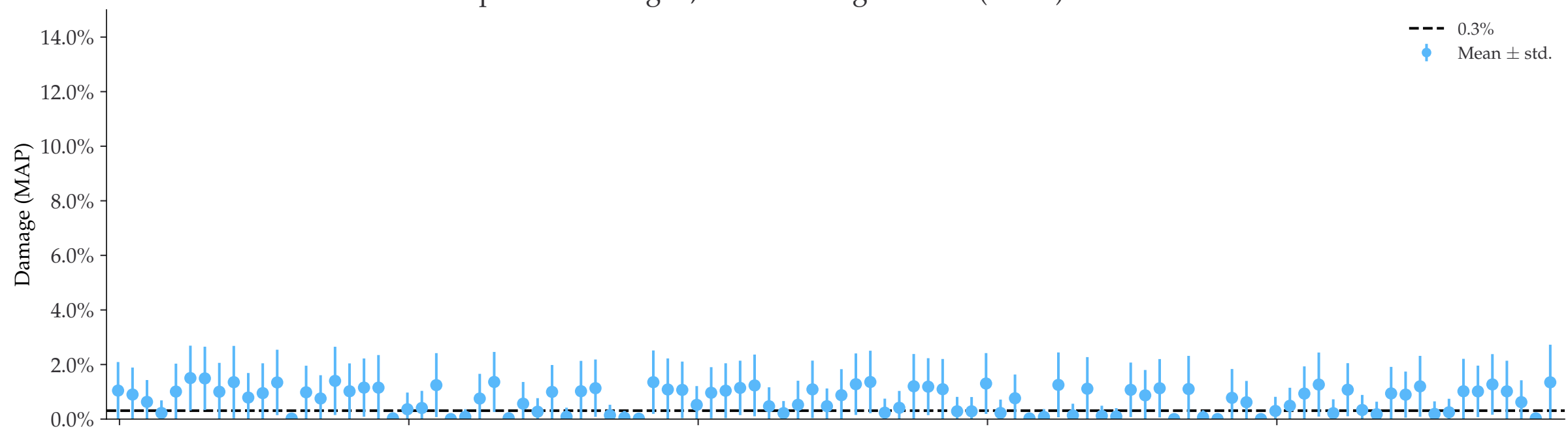Species = contig10k, 13.8% damaged reads (mean) in fasta file

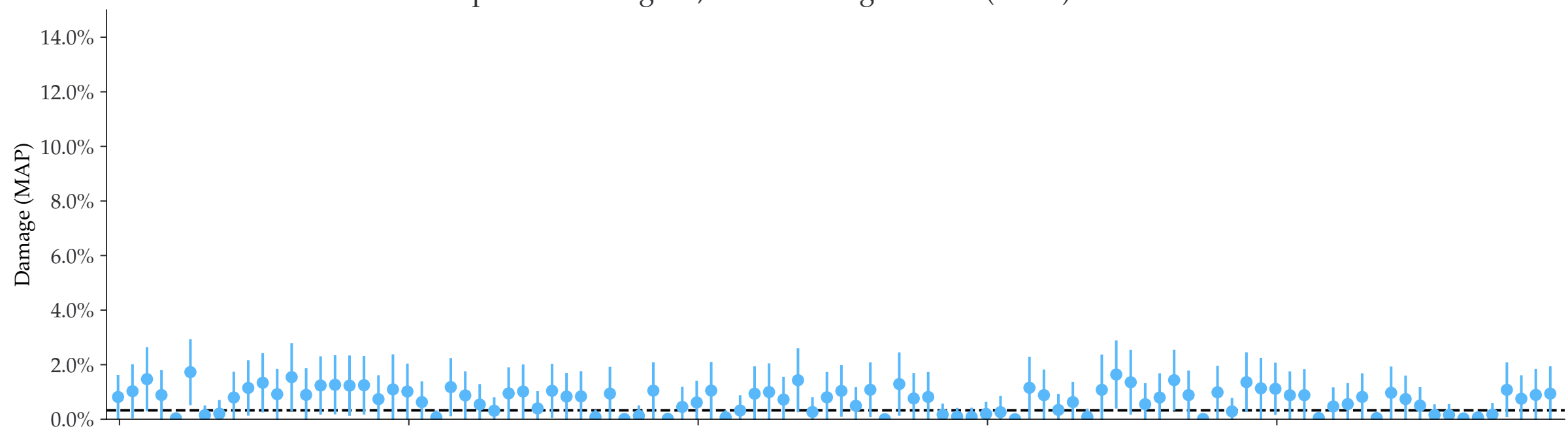Species = contig100k, 13.6% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.014
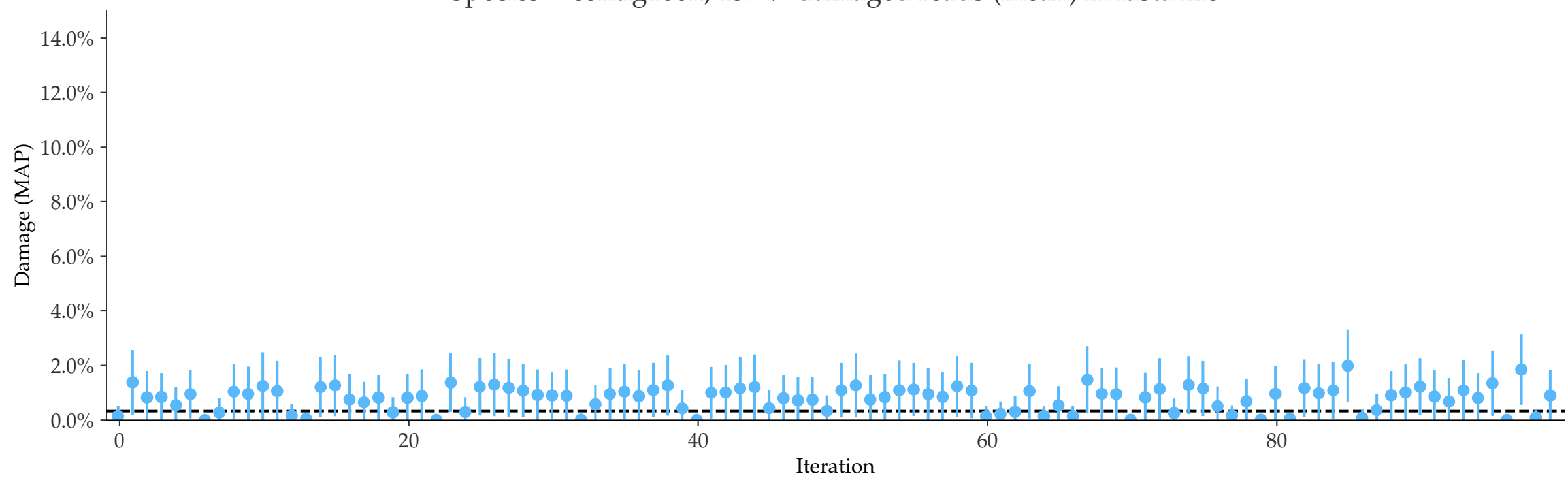Damage percent (approx) = 1%

Species = contig1k, 12.6% damaged reads (mean) in fasta file

Species = contig10k, 13.7% damaged reads (mean) in fasta file

Species = contig100k, 13.7% damaged reads (mean) in fasta file

Individual damages:
1000 reads
Briggs damage = 0.014
Damage percent (approx) = 1%

Individual damages:
2500 reads
Briggs damage = 0.014
Damage percent (approx) = 1%

Species = contig1k, 12.5% damaged reads (mean) in fasta file

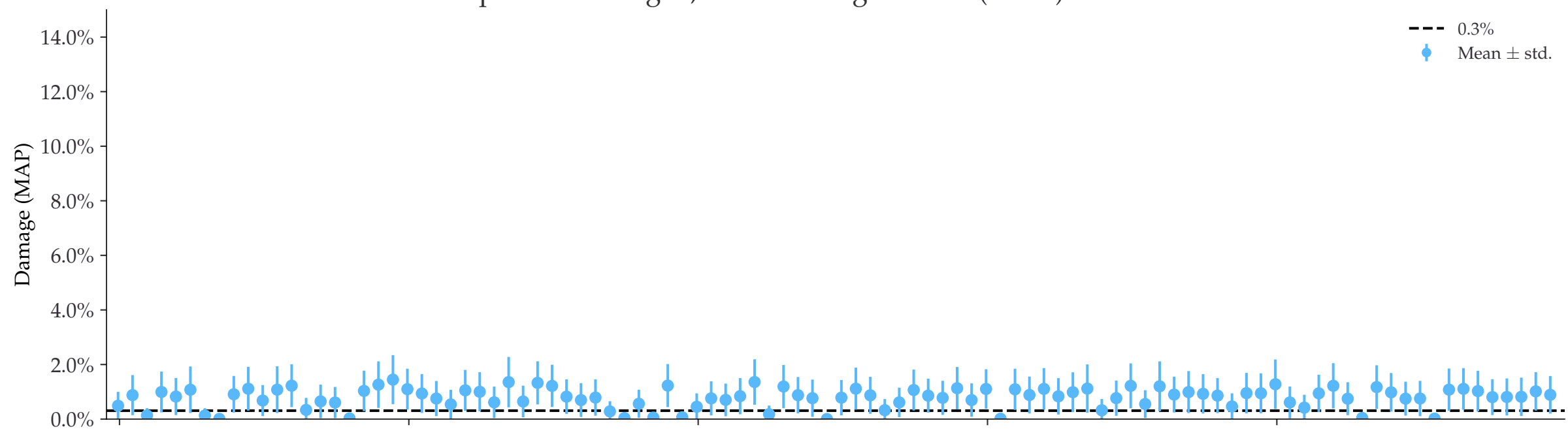Species = contig10k, 13.5% damaged reads (mean) in fasta file

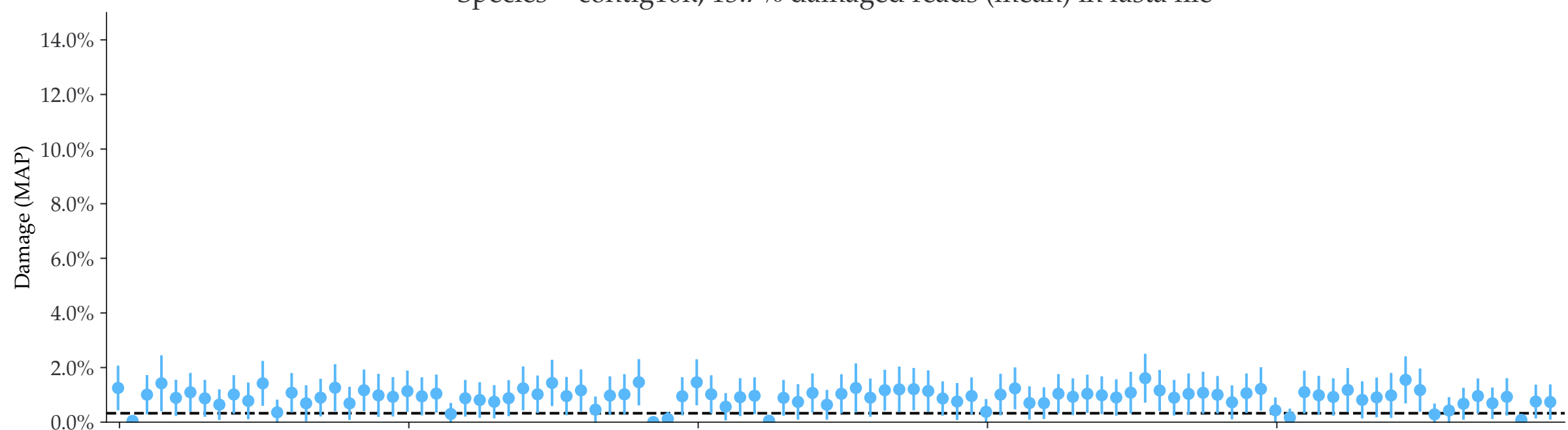Species = contig100k, 13.6% damaged reads (mean) in fasta file

Individual damages:
5000 reads
Briggs damage = 0.014
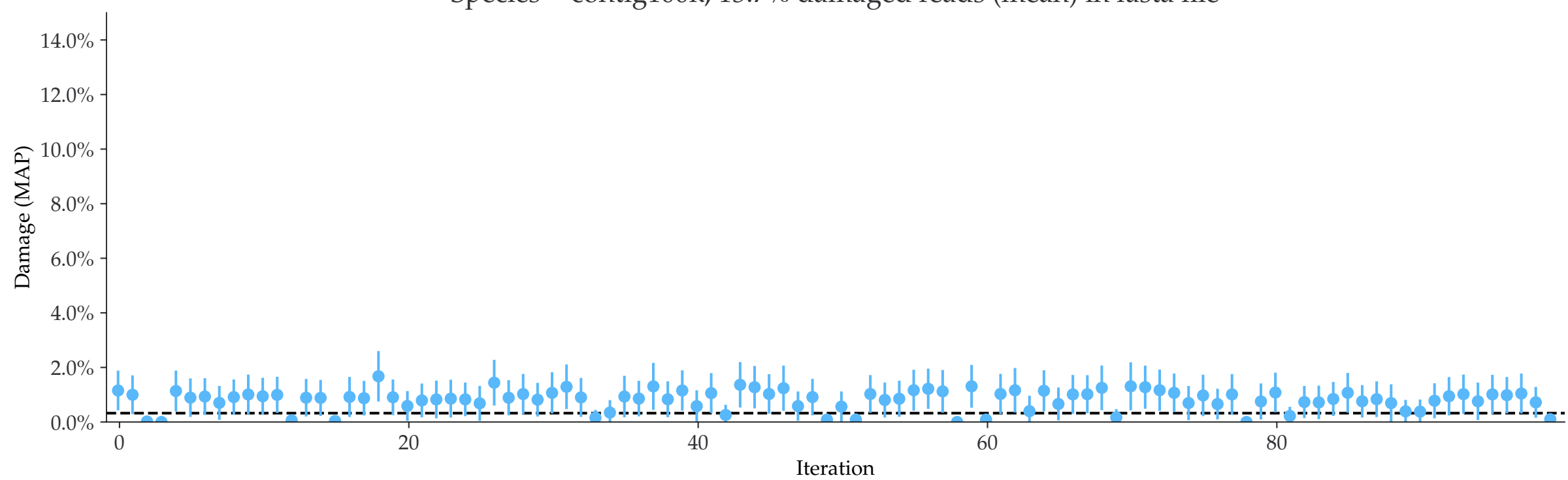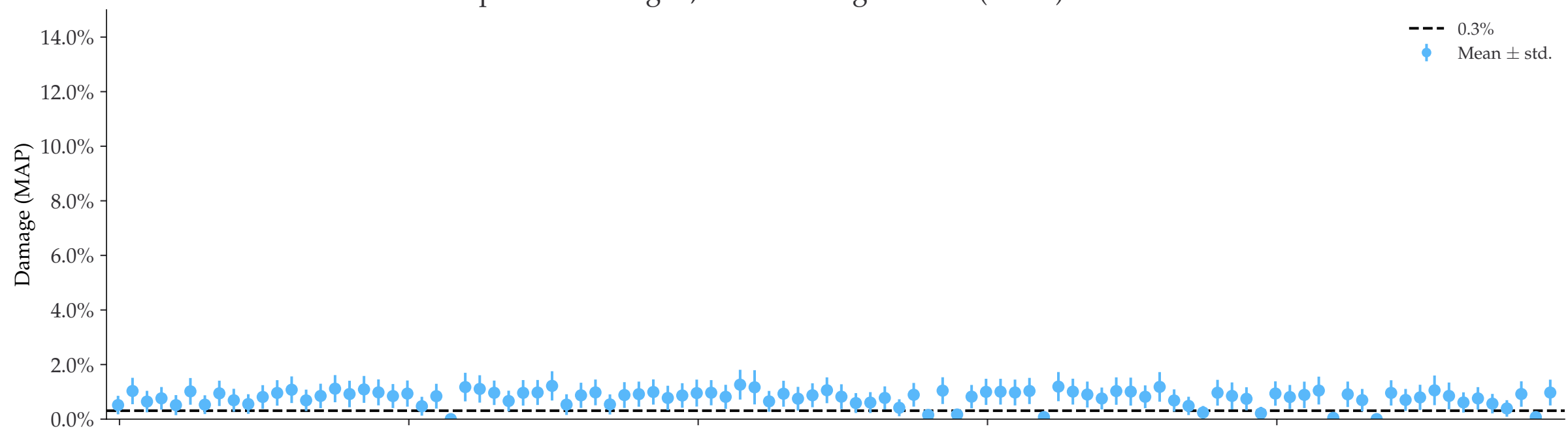Damage percent (approx) = 1%

Individual damages:
10000 reads
Briggs damage = 0.014
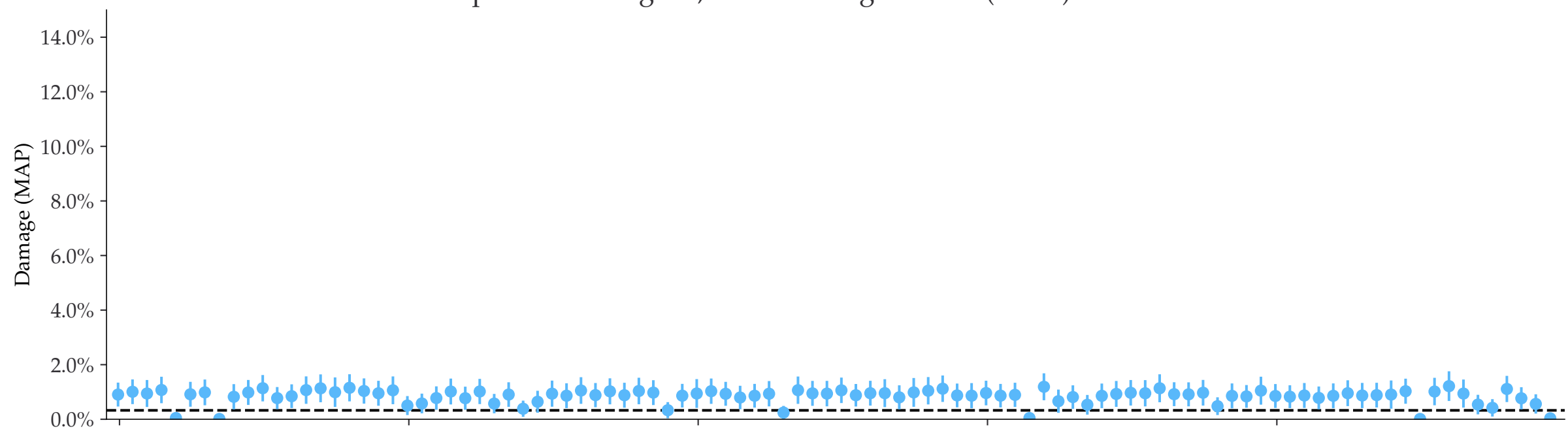Damage percent (approx) = 1%

Individual damages:
25000 reads
Briggs damage = 0.014
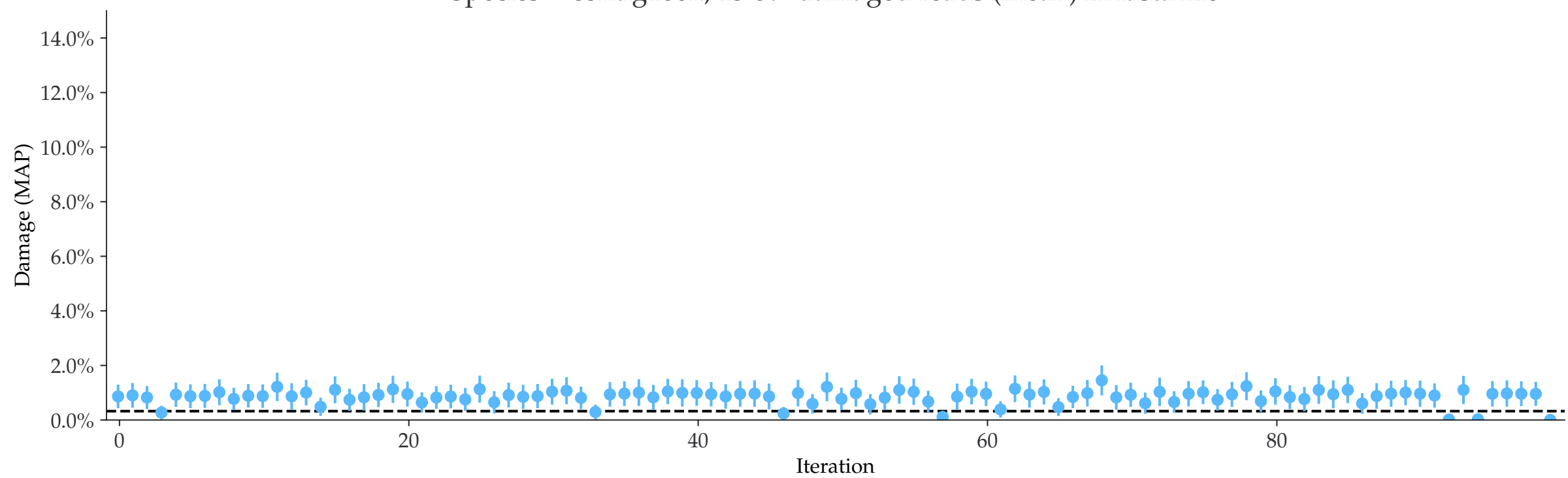Damage percent (approx) = 1%

Species = contig1k, 12.4% damaged reads (mean) in fasta file

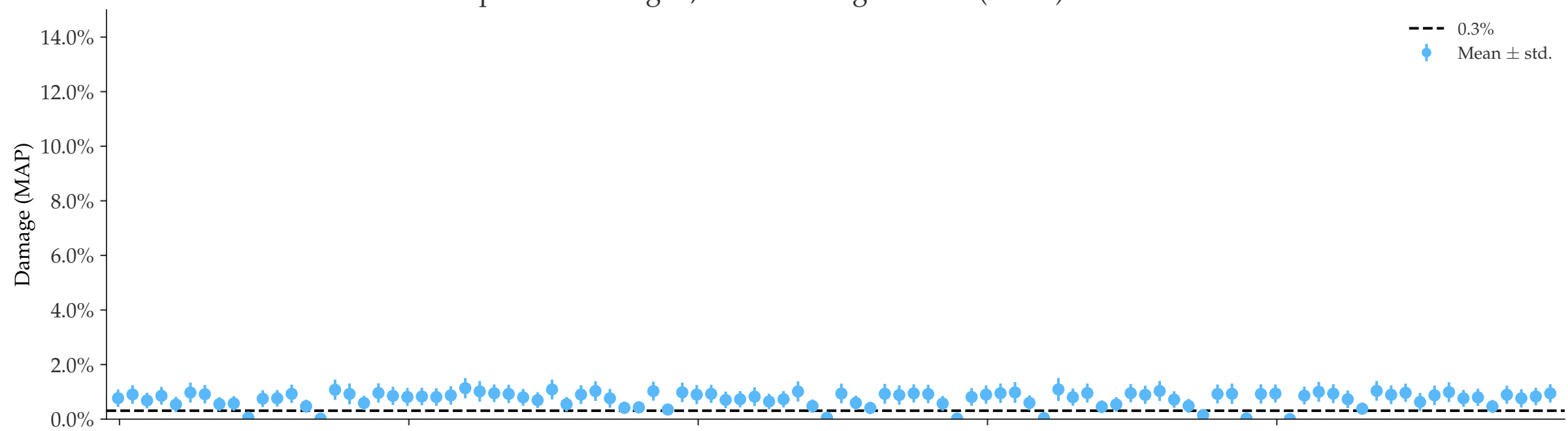Species = contig10k, 13.6% damaged reads (mean) in fasta file

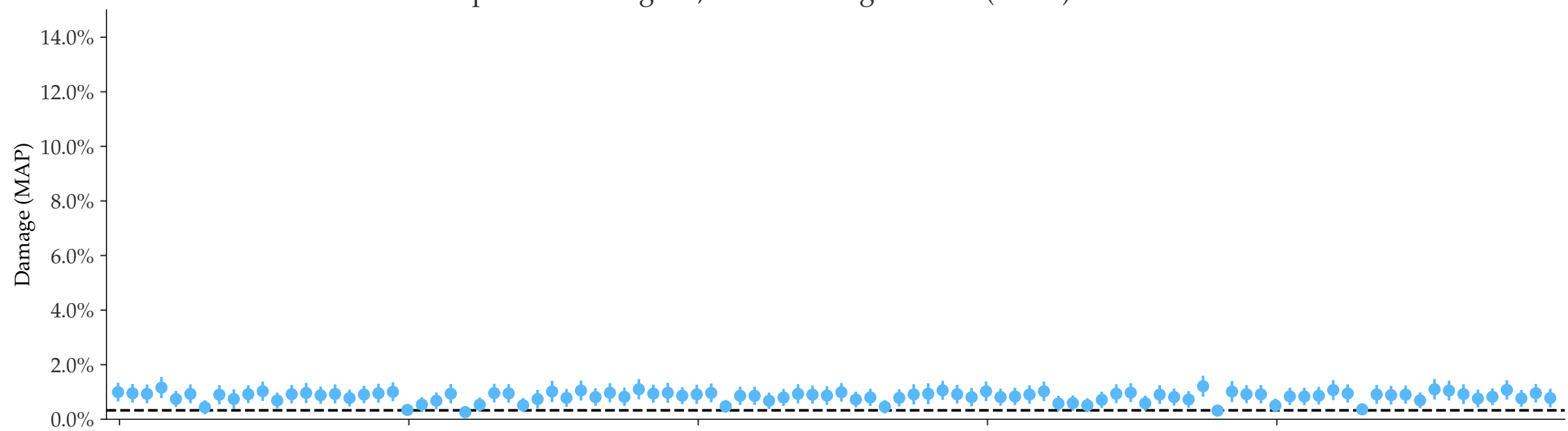Species = contig100k, 13.6% damaged reads (mean) in fasta file

Individual damages:
50000 reads
Briggs damage = 0.014
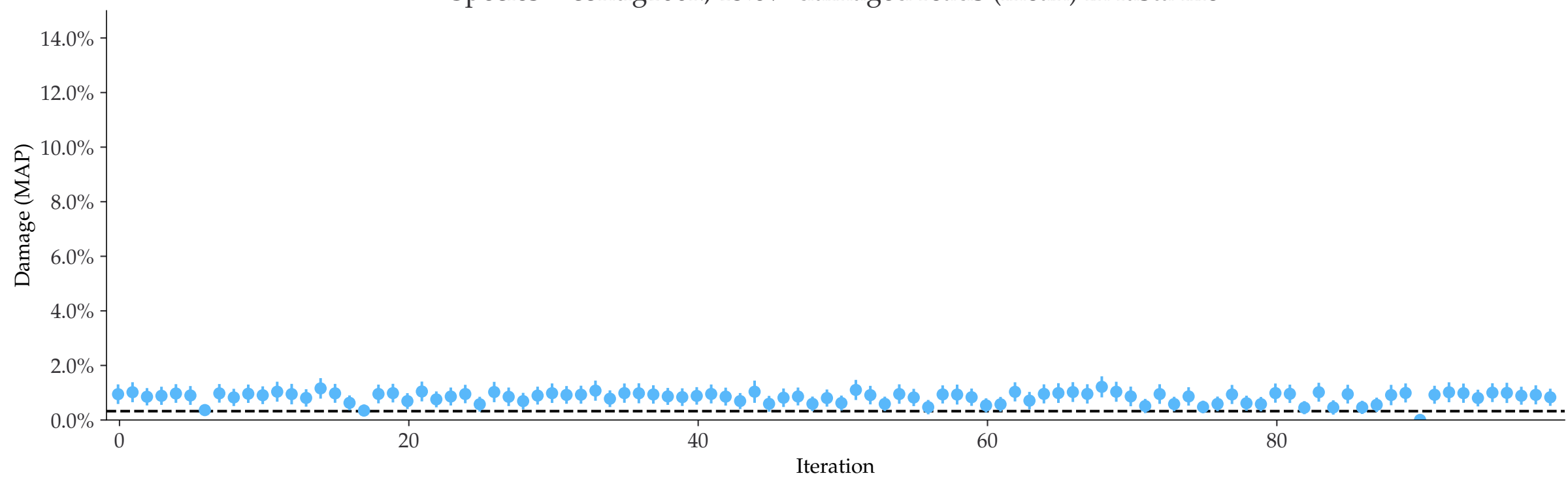Damage percent (approx) = 1%

Species = contig1k, 12.4% damaged reads (mean) in fasta file

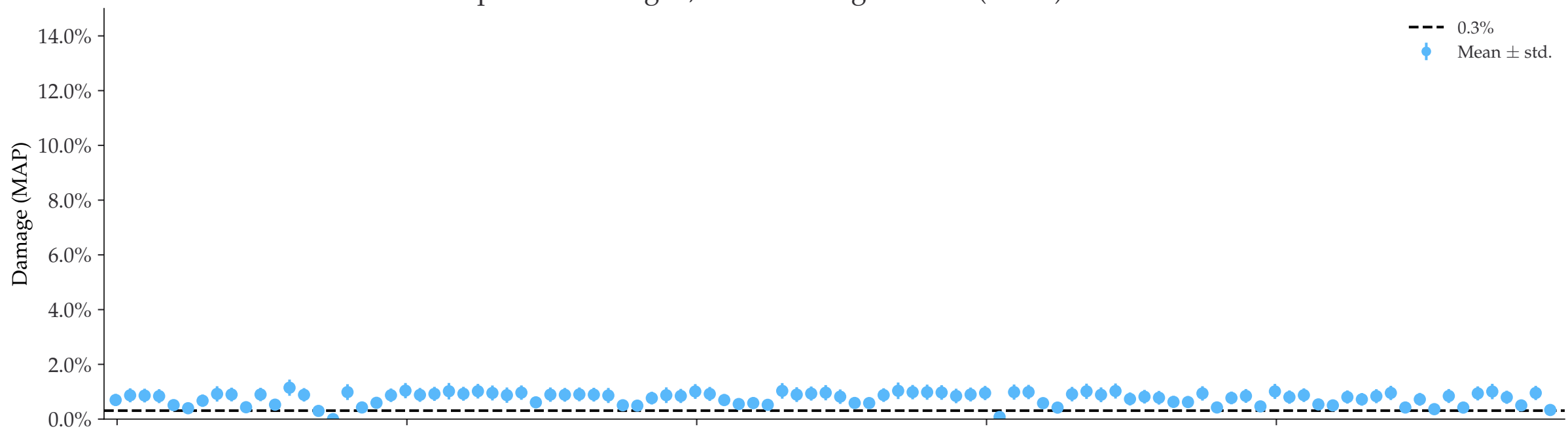Species = contig10k, 13.6% damaged reads (mean) in fasta file

Species = contig100k, 13.6% damaged reads (mean) in fasta file

Individual damages:
100000 reads
Briggs damage = 0.014
Damage percent (approx) = 1%

Individual damages:
10 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 14.2% damaged reads (mean) in fasta file

Species = contig10k, 14.1% damaged reads (mean) in fasta file

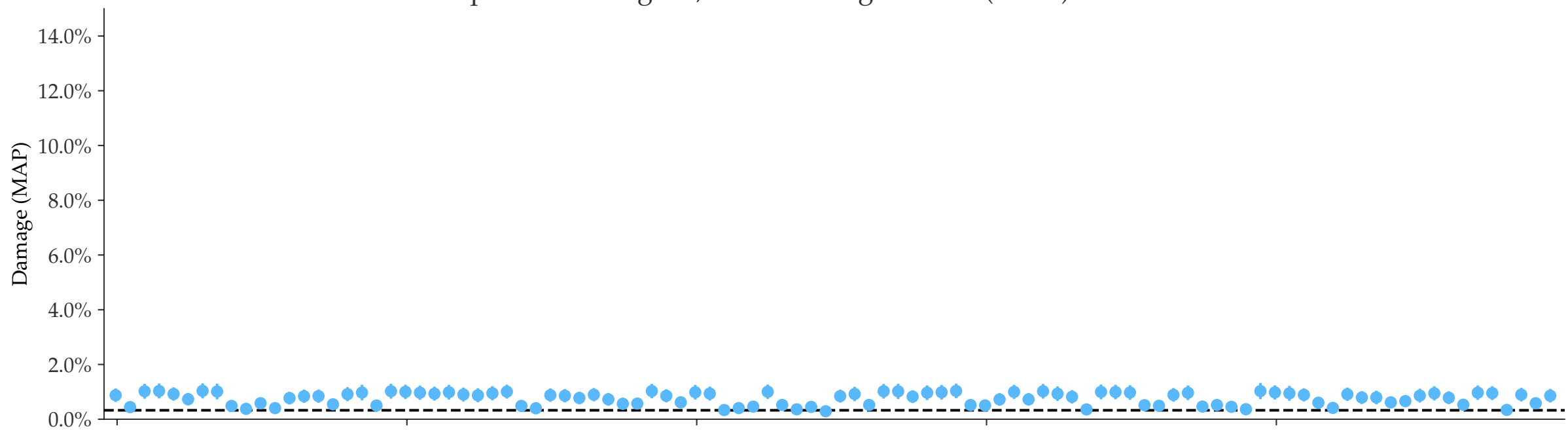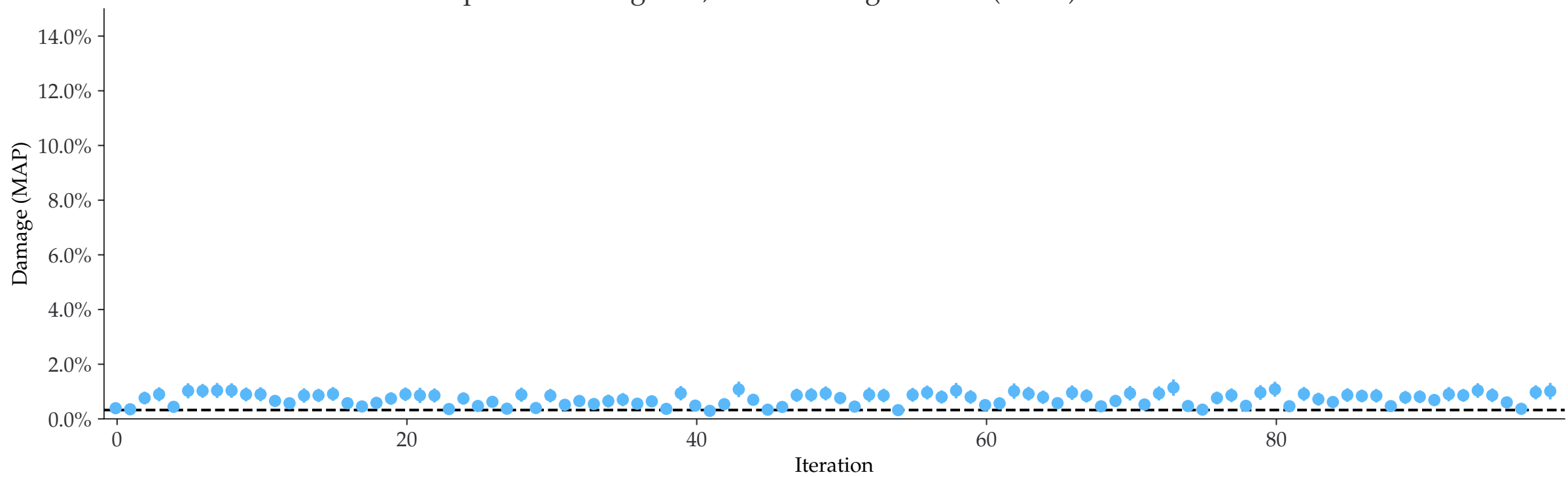Species = contig100k, 14.8% damaged reads (mean) in fasta file

Individual damages:
25 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.9% damaged reads (mean) in fasta file

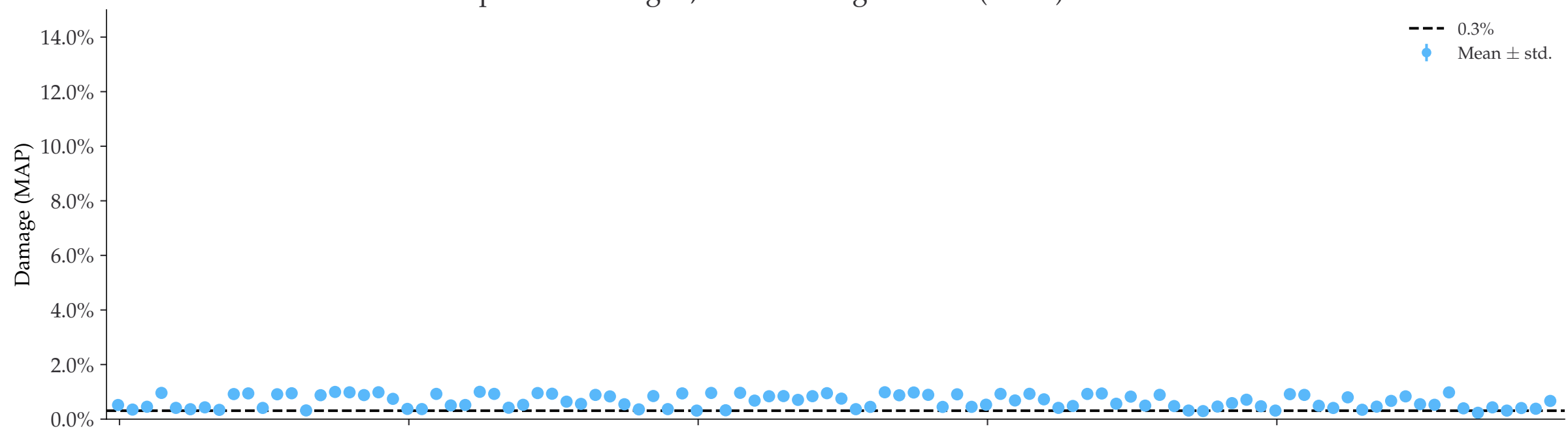Species = contig10k, 15.8% damaged reads (mean) in fasta file

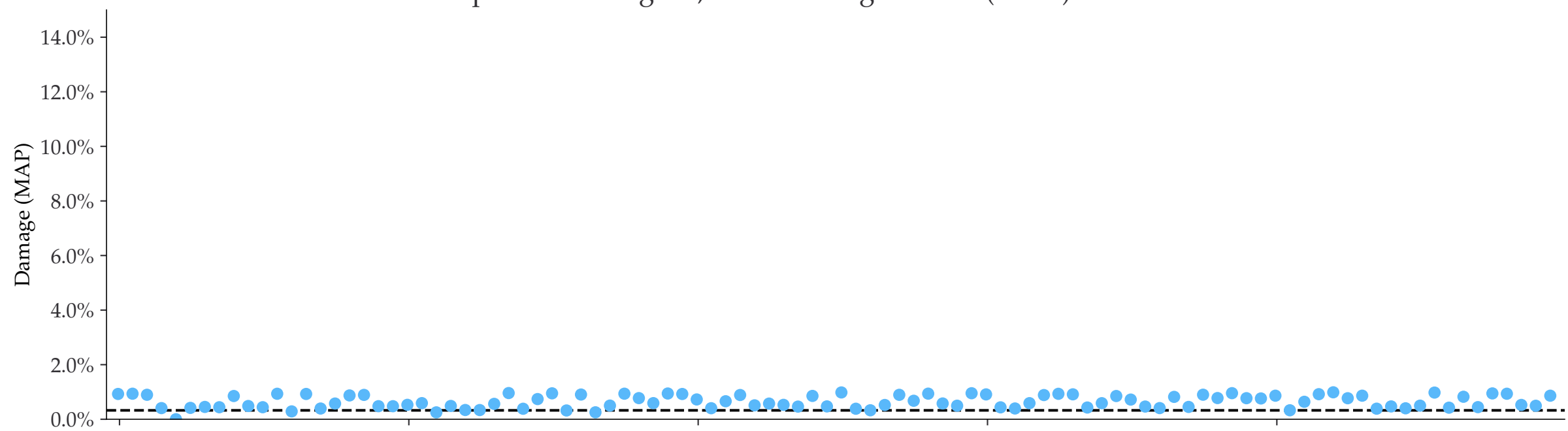Species = contig100k, 14.8% damaged reads (mean) in fasta file

Individual damages:
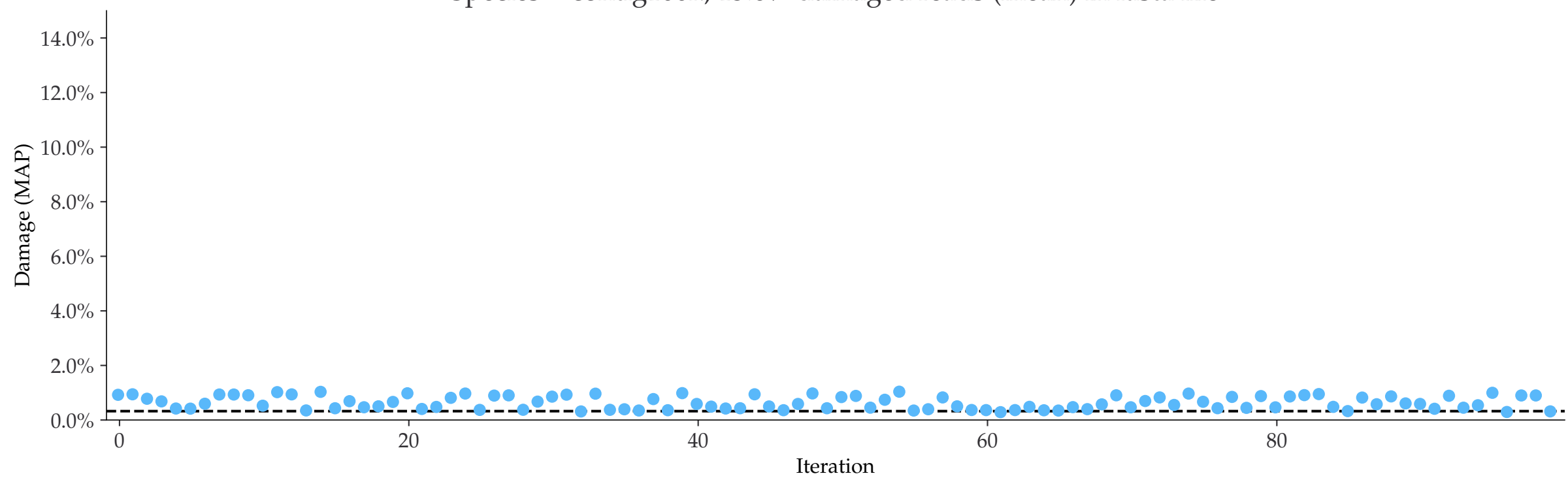50 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.4% damaged reads (mean) in fasta file

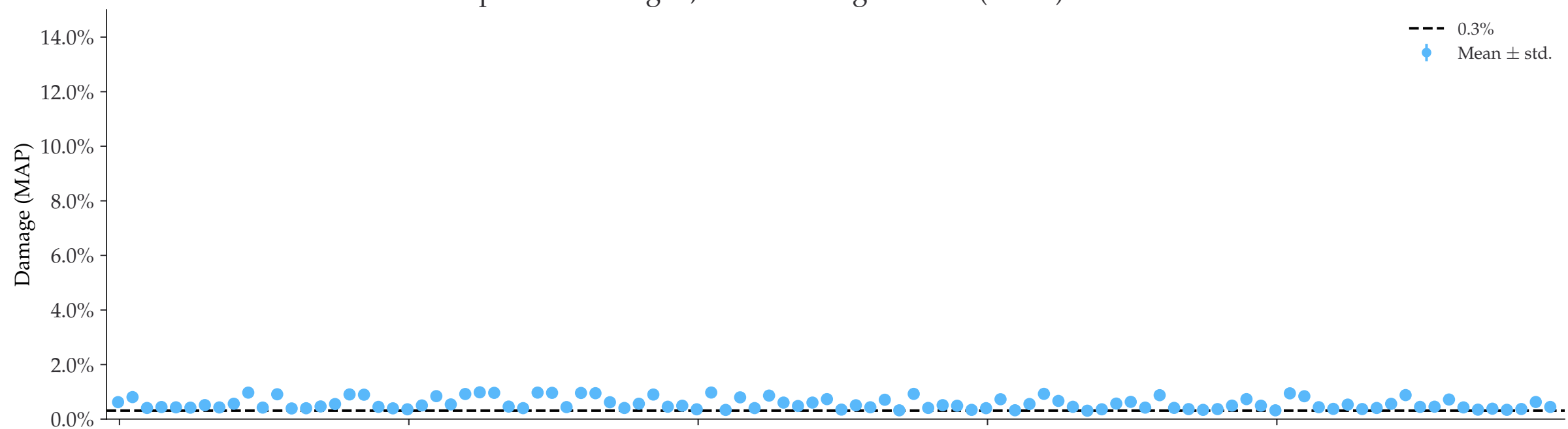Species = contig10k, 15.6% damaged reads (mean) in fasta file

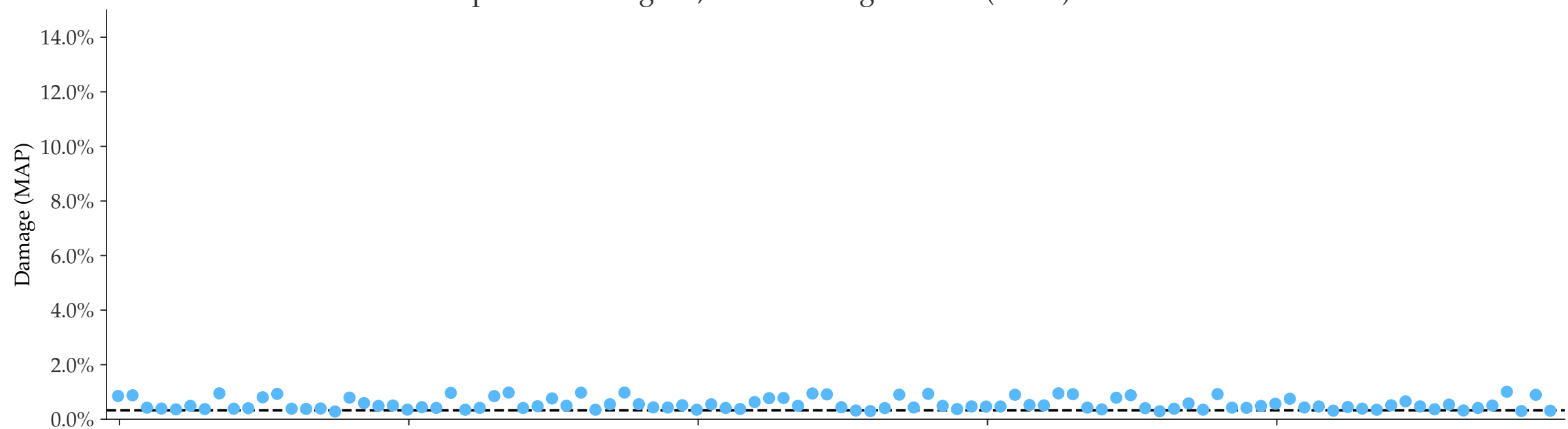Species = contig100k, 15.1% damaged reads (mean) in fasta file

Individual damages:
100 reads
Briggs damage = 0.047
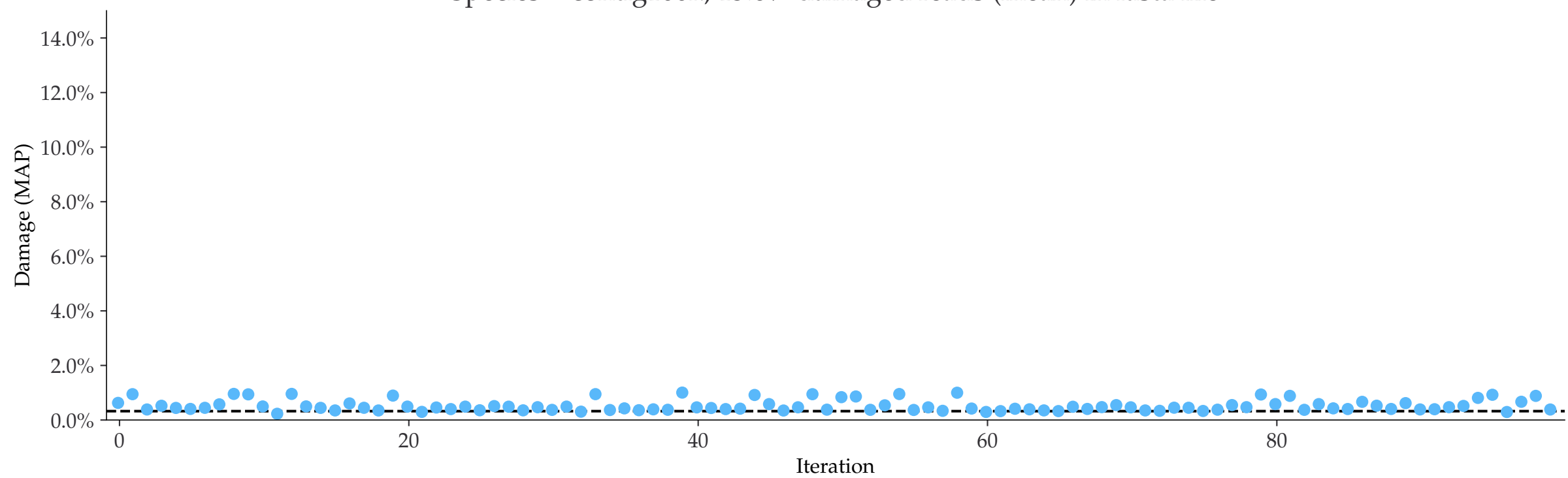Damage percent (approx) = 2%

Species = contig1k, 13.9% damaged reads (mean) in fasta file

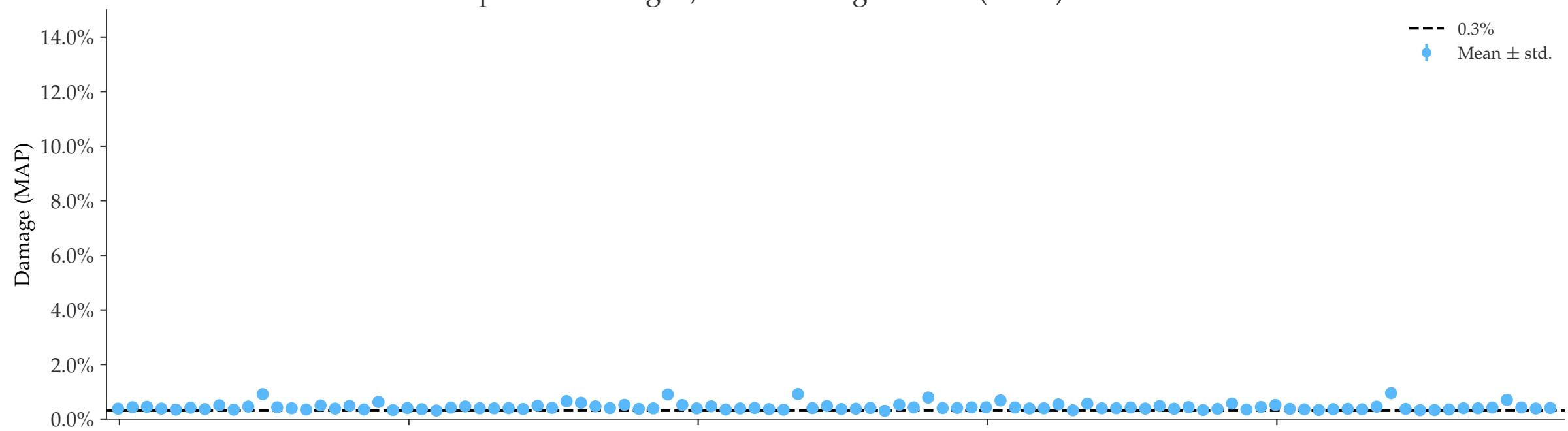Species = contig10k, 15.2% damaged reads (mean) in fasta file

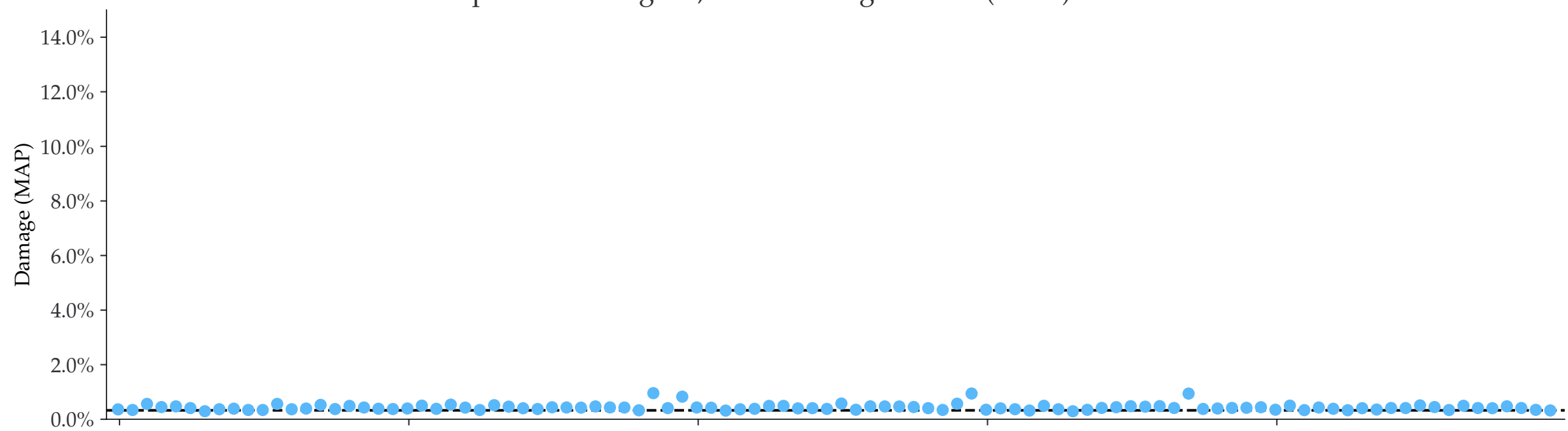Species = contig100k, 14.9% damaged reads (mean) in fasta file

Individual damages:
250 reads
Briggs damage = 0.047
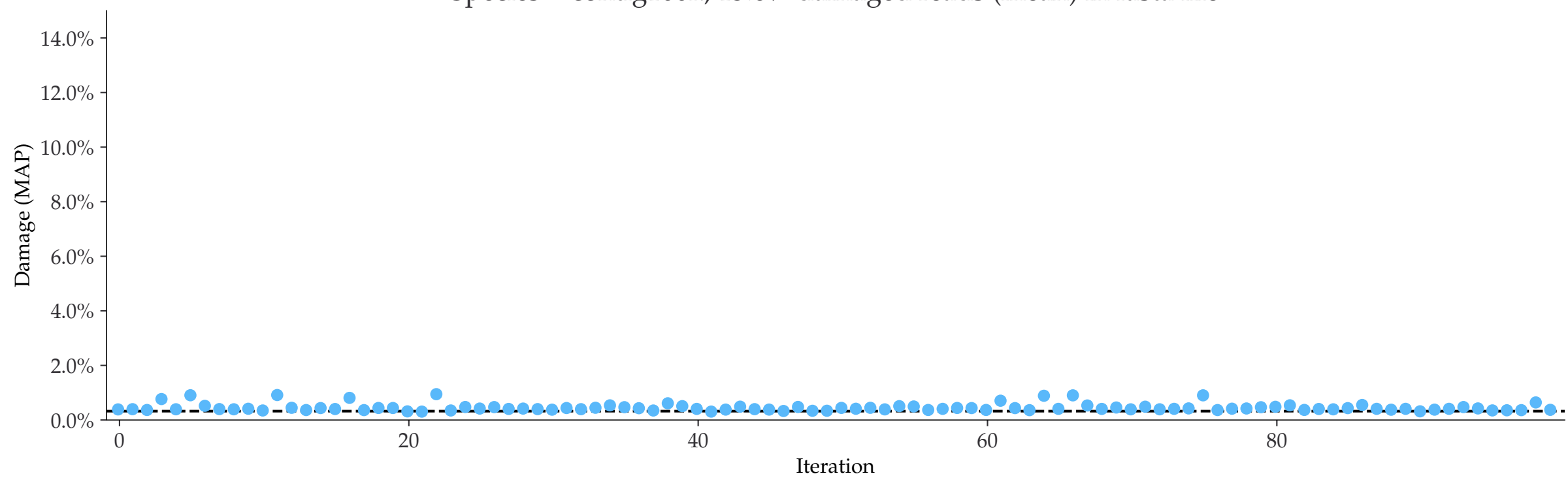Damage percent (approx) = 2%

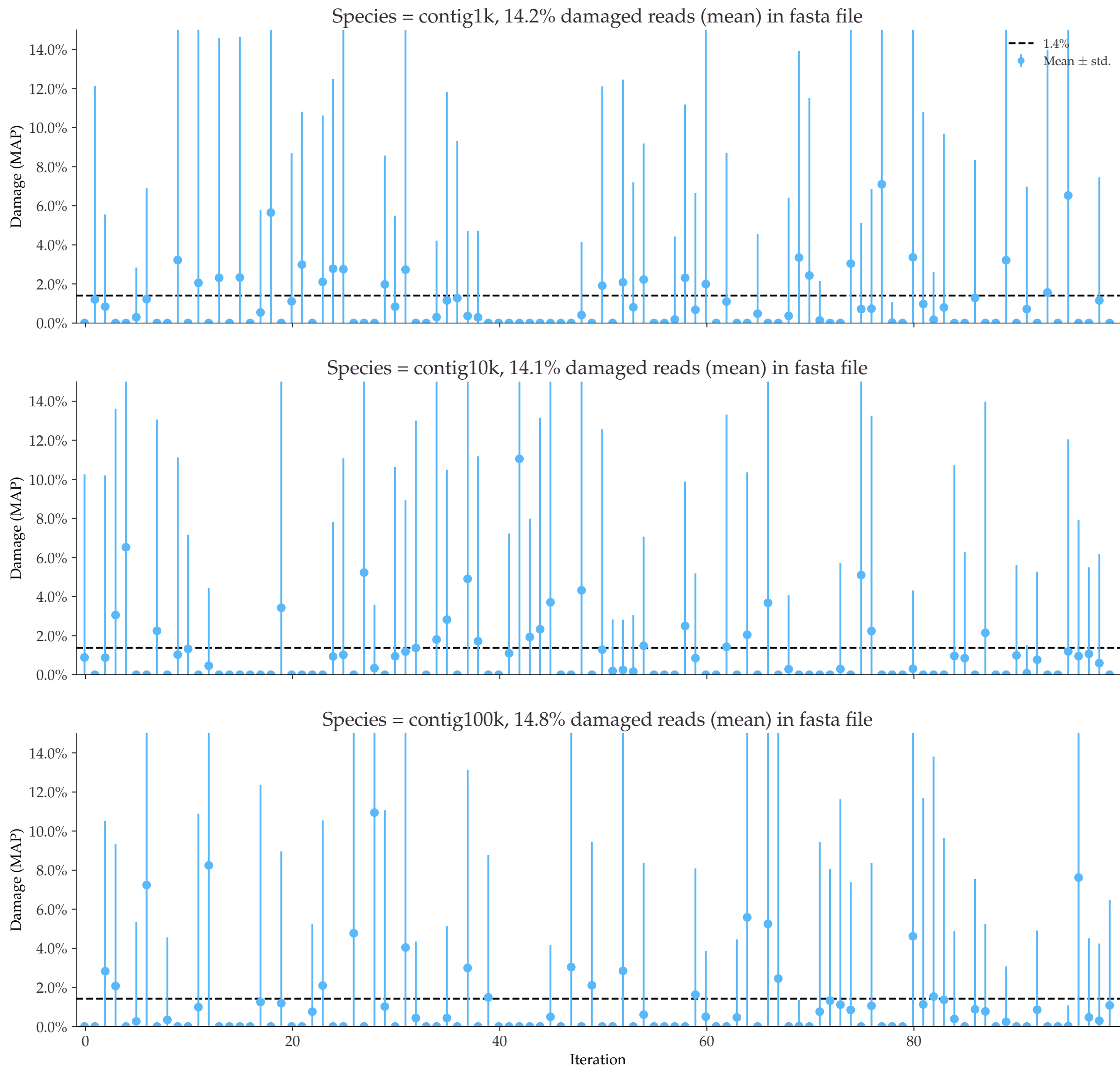Species = contig1k, 13.5% damaged reads (mean) in fasta file

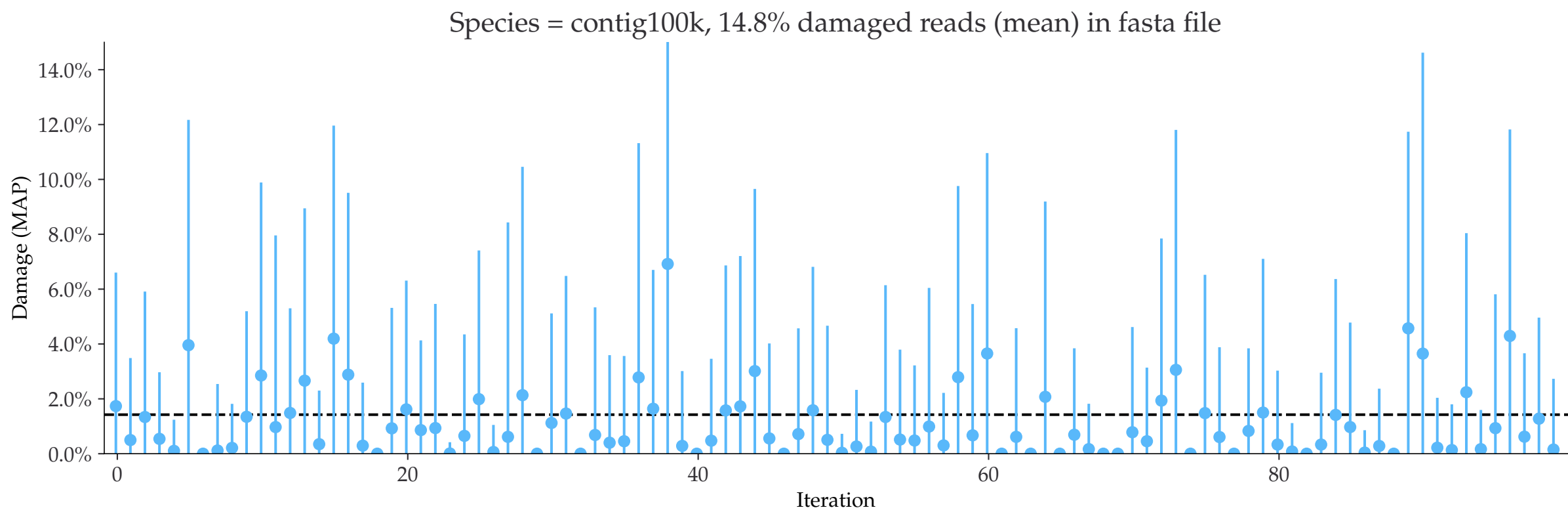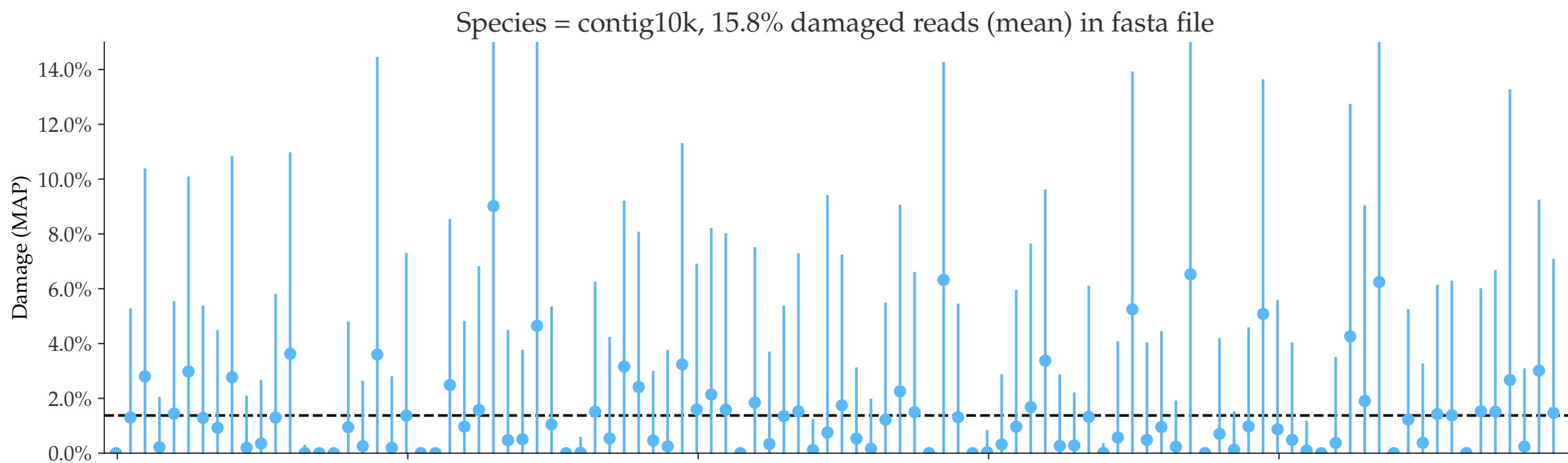Species = contig10k, 15.0% damaged reads (mean) in fasta file

Species = contig100k, 14.9% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.8% damaged reads (mean) in fasta file

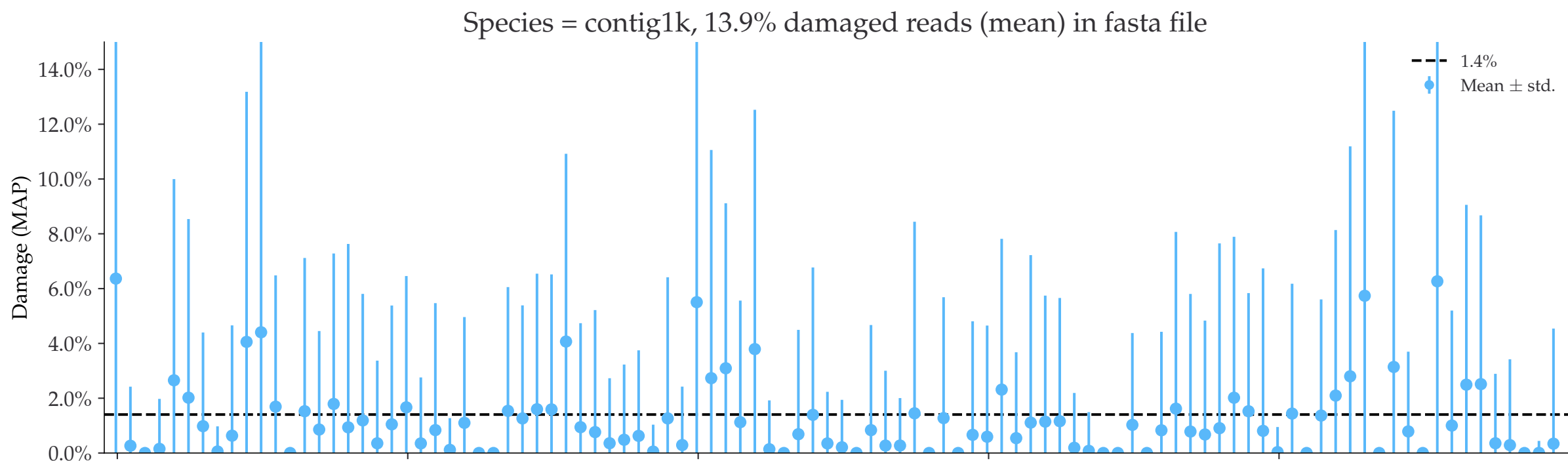Species = contig10k, 14.9% damaged reads (mean) in fasta file

Species = contig100k, 14.9% damaged reads (mean) in fasta file

Individual damages:
1000 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.6% damaged reads (mean) in fasta file

Species = contig10k, 14.8% damaged reads (mean) in fasta file

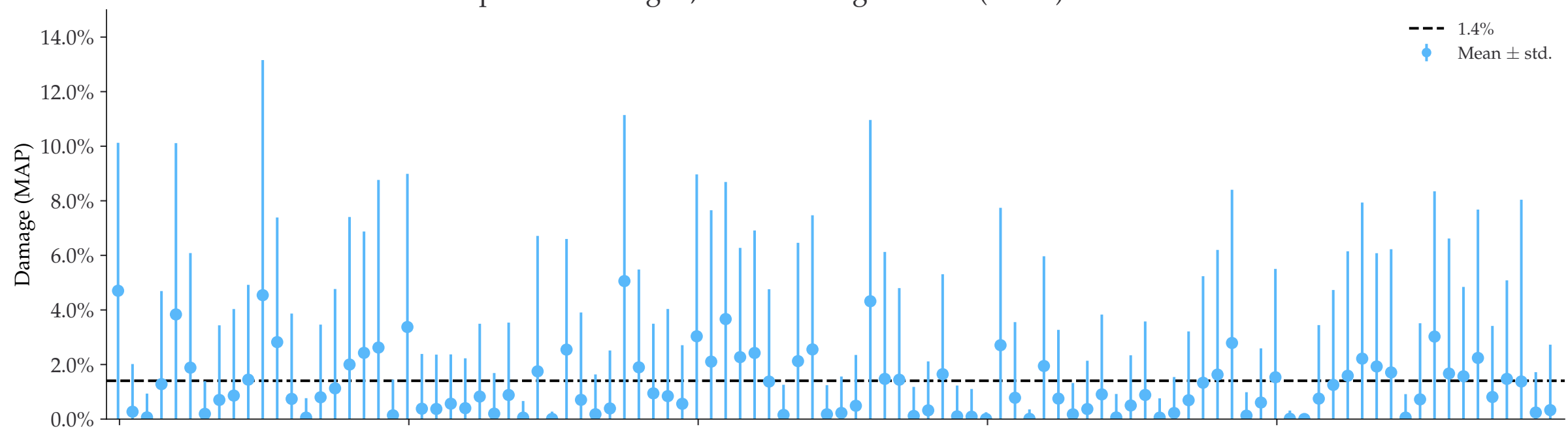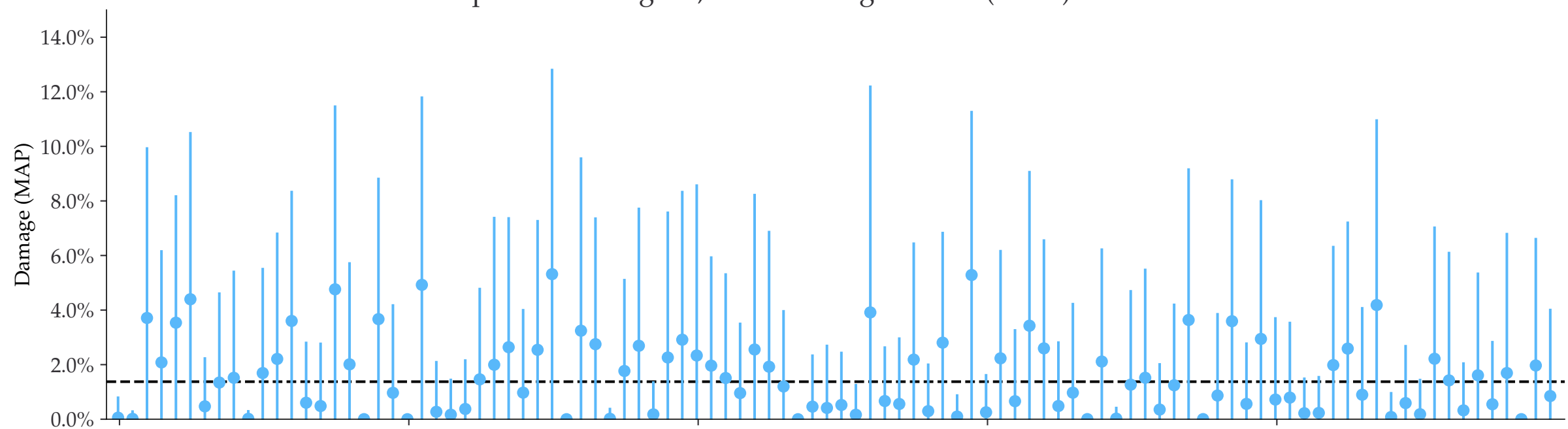Species = contig100k, 14.9% damaged reads (mean) in fasta file

Individual damages:
2500 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Individual damages:
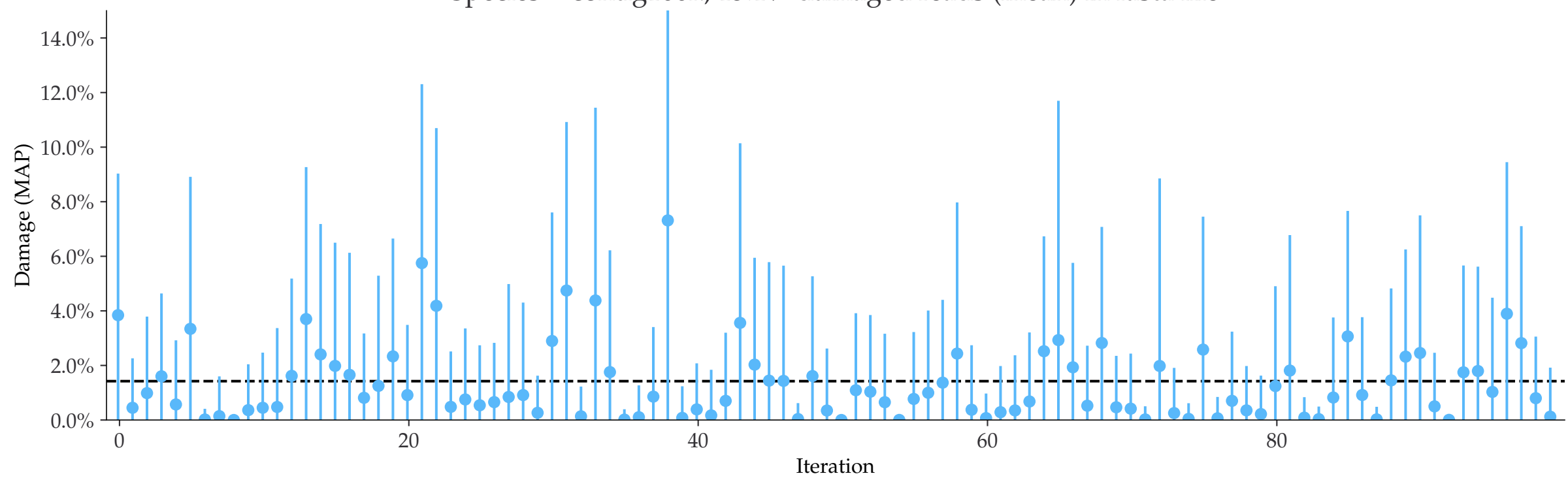5000 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.7% damaged reads (mean) in fasta file

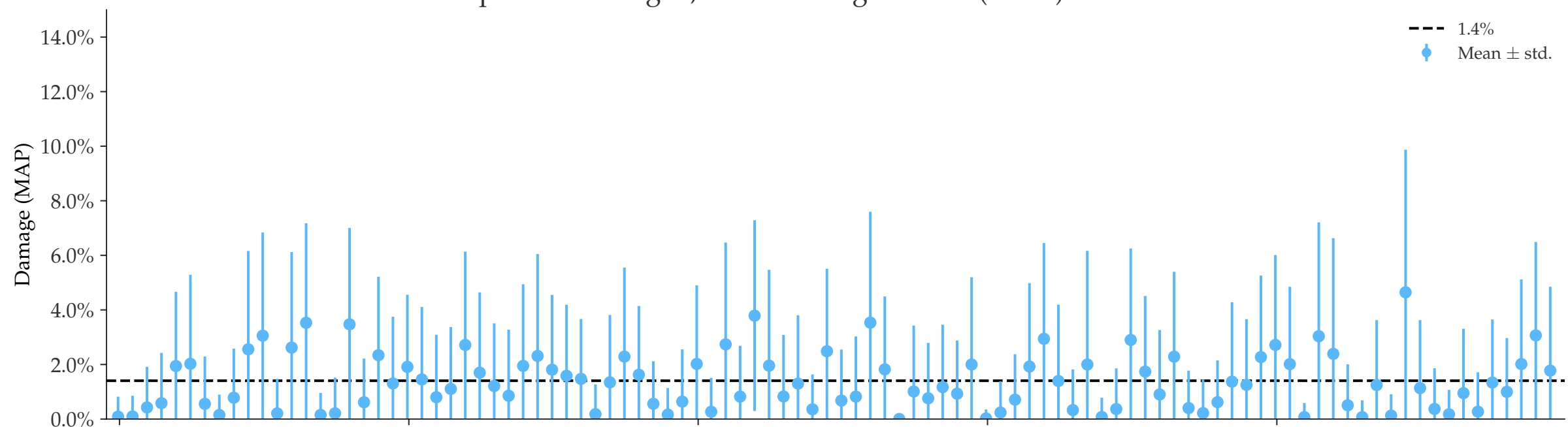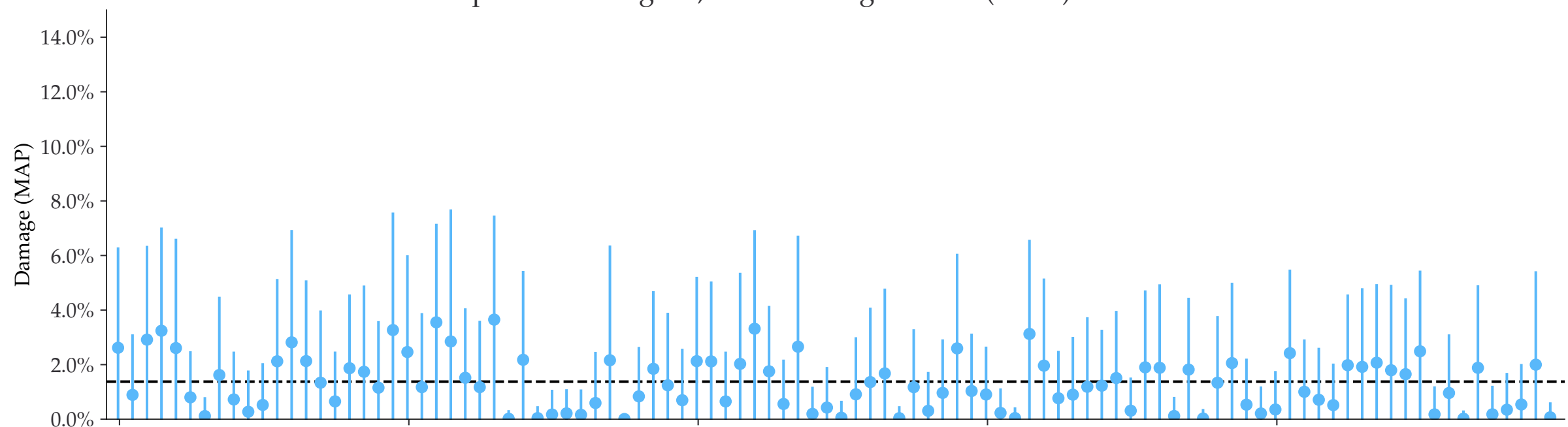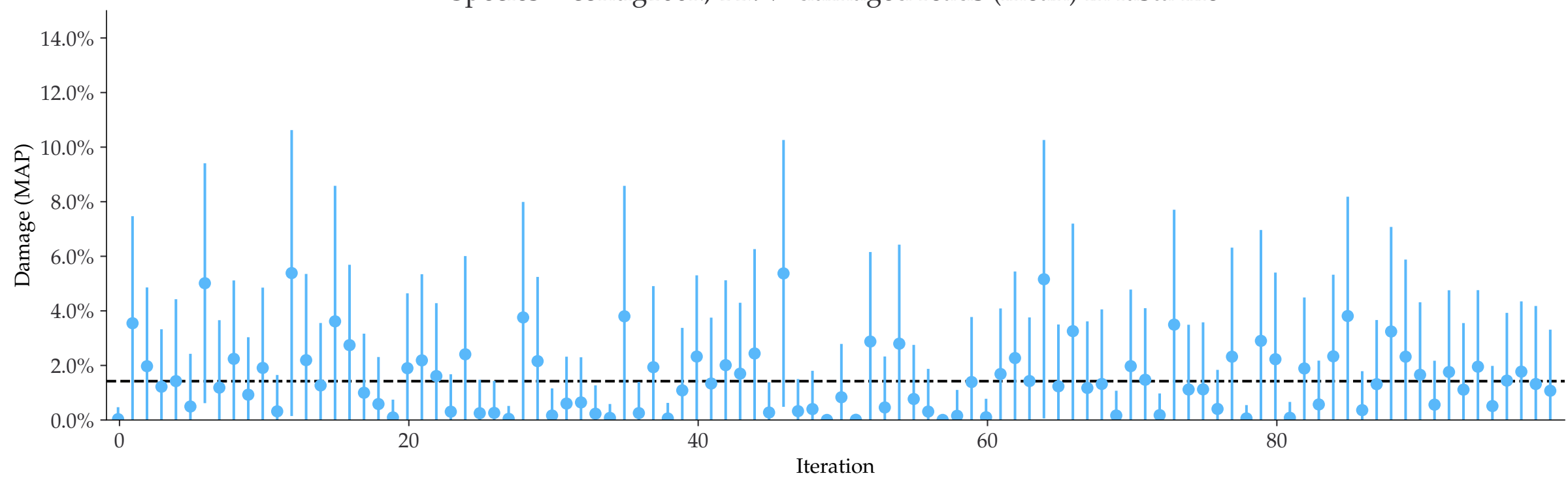Species = contig10k, 14.8% damaged reads (mean) in fasta file

Species = contig100k, 14.9% damaged reads (mean) in fasta file

Individual damages:
10000 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Individual damages:
25000 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.6% damaged reads (mean) in fasta file

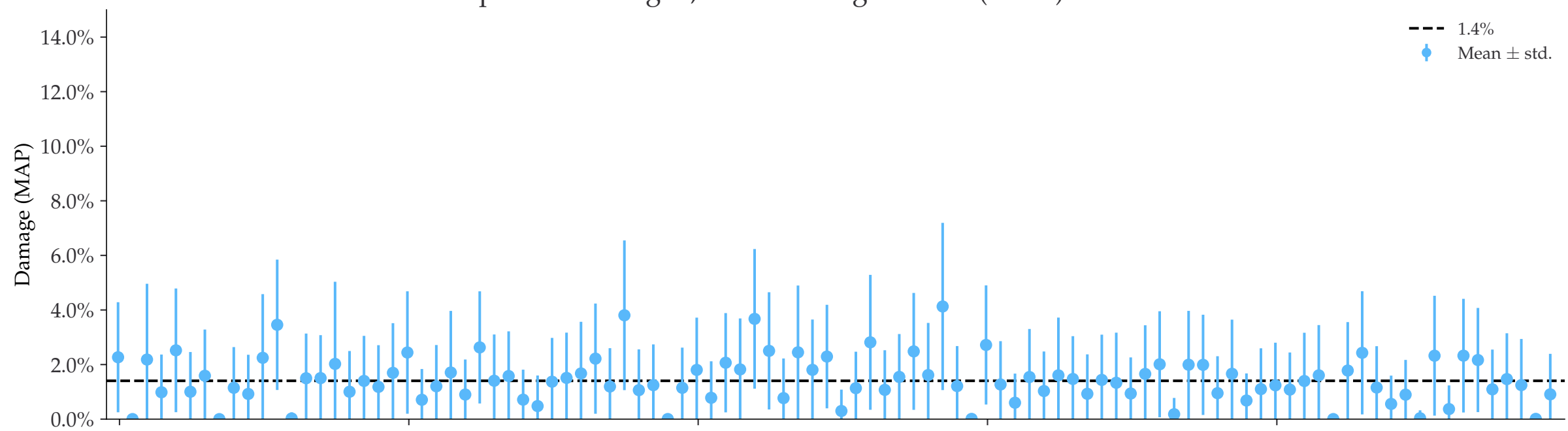Species = contig10k, 14.8% damaged reads (mean) in fasta file

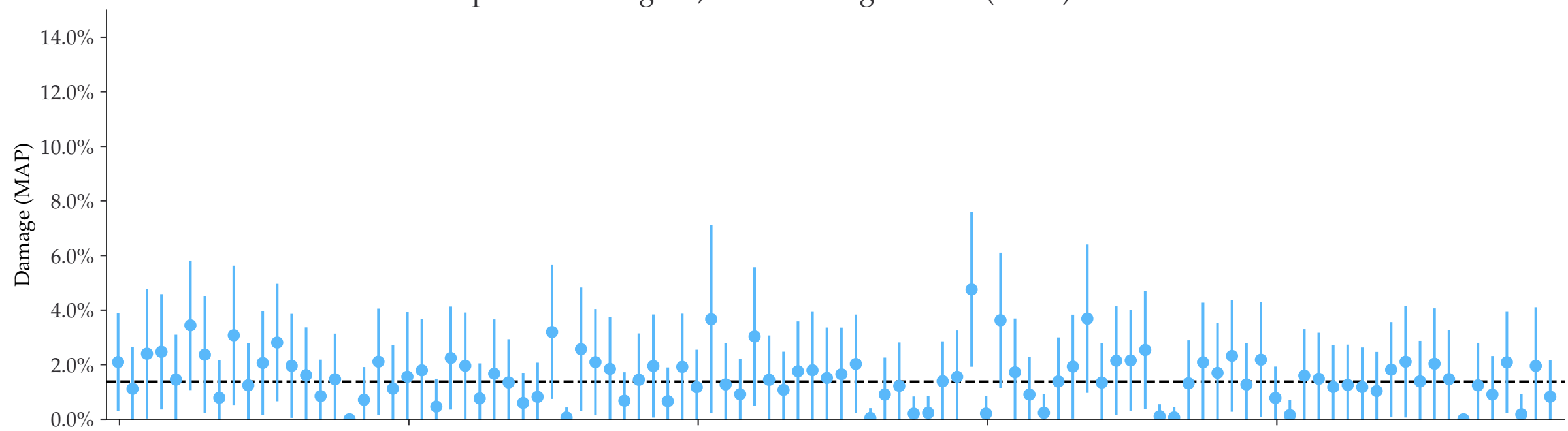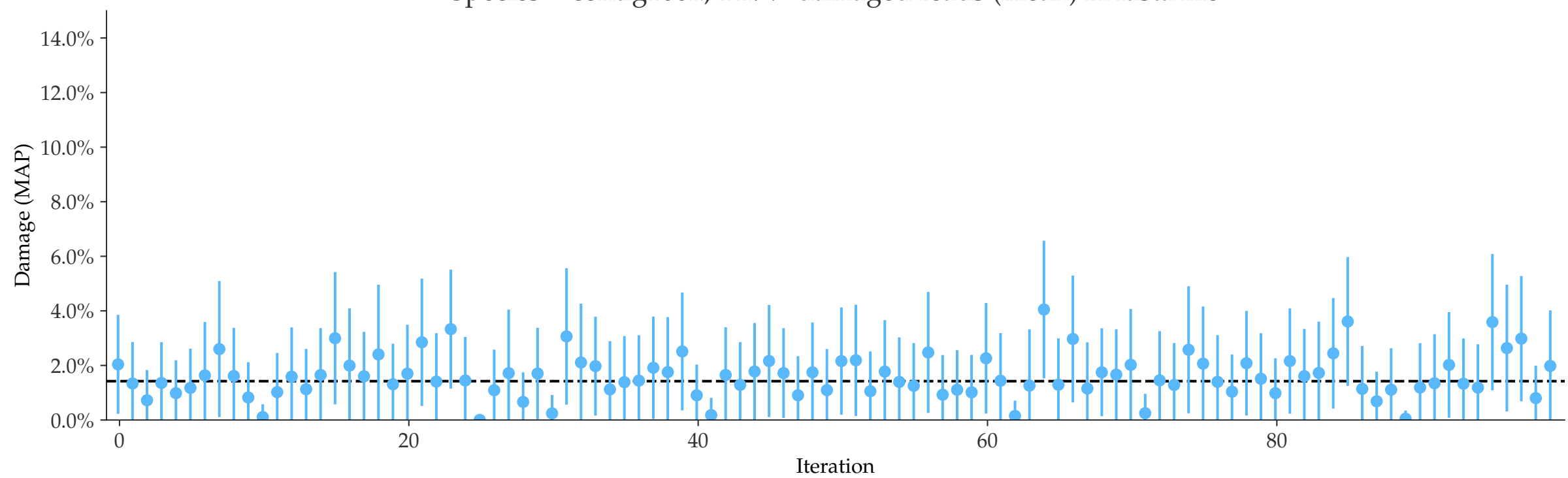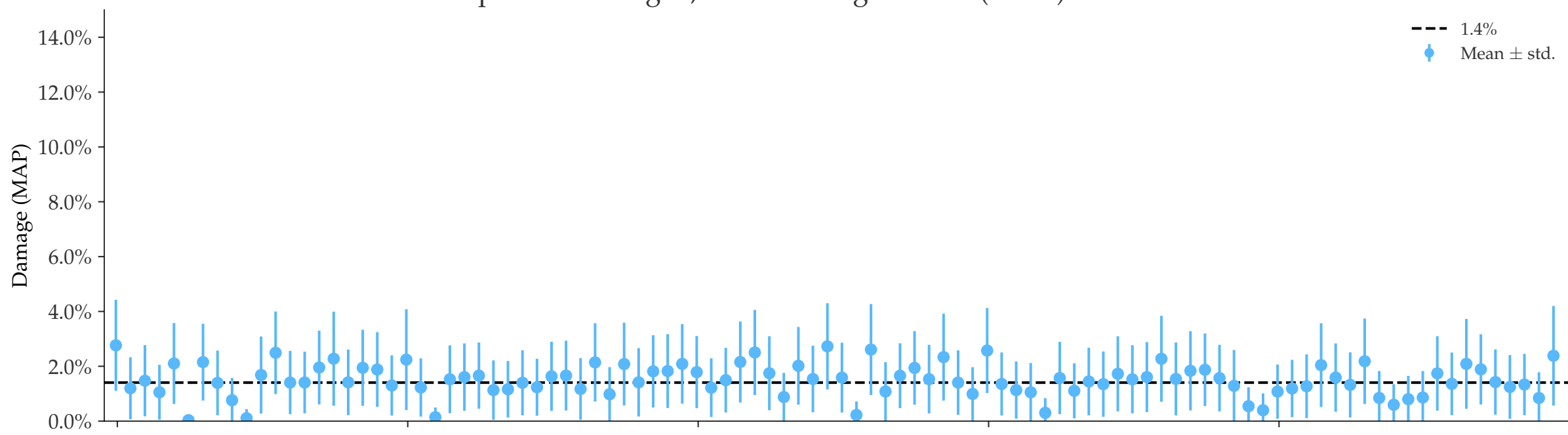Species = contig100k, 14.8% damaged reads (mean) in fasta file

Individual damages:
50000 reads
Briggs damage = 0.047
Damage percent (approx) = 2%

Species = contig1k, 13.6% damaged reads (mean) in fasta file

Species = contig10k, 14.8% damaged reads (mean) in fasta file

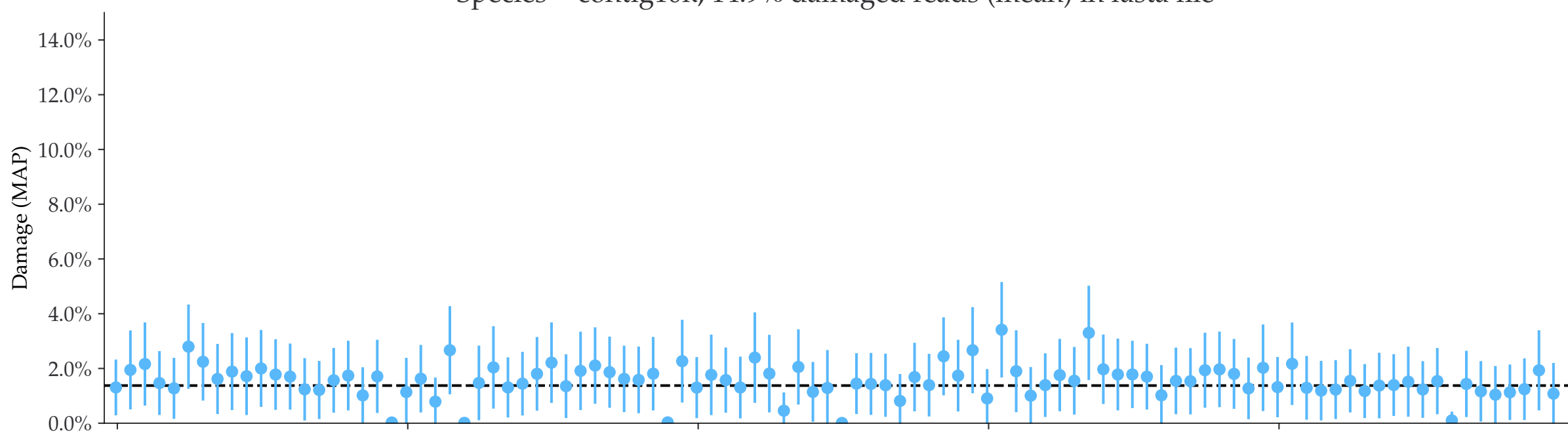Species = contig100k, 14.8% damaged reads (mean) in fasta file

Individual damages:
100000 reads
Briggs damage = 0.047
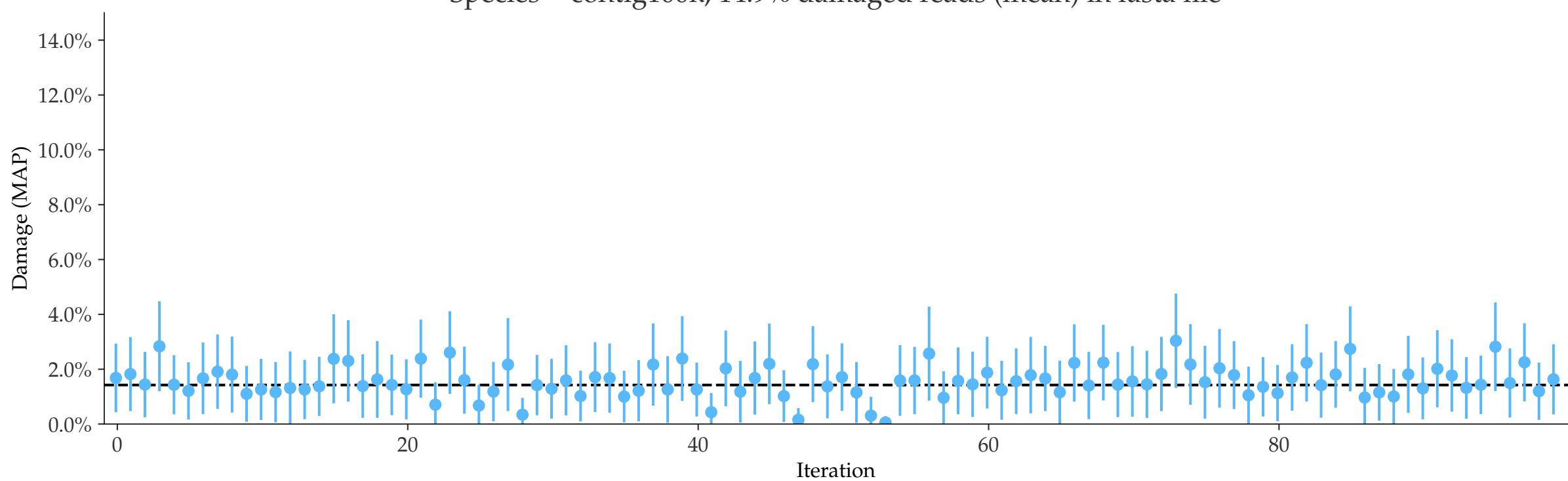Damage percent (approx) = 2%

Species = contig1k, 13.6% damaged reads (mean) in fasta file

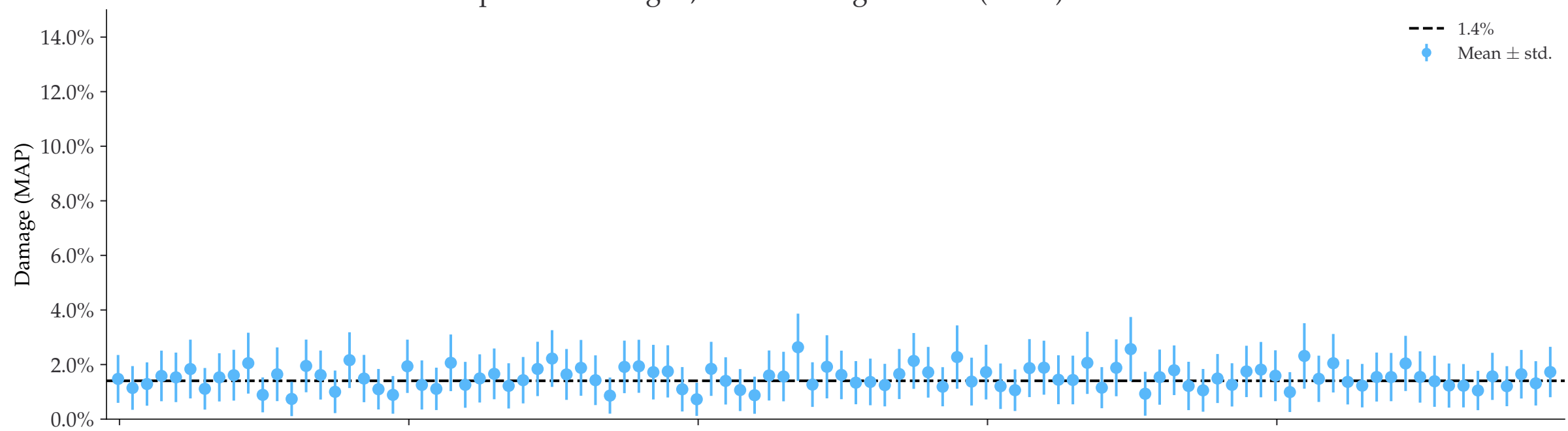Species = contig10k, 14.8% damaged reads (mean) in fasta file

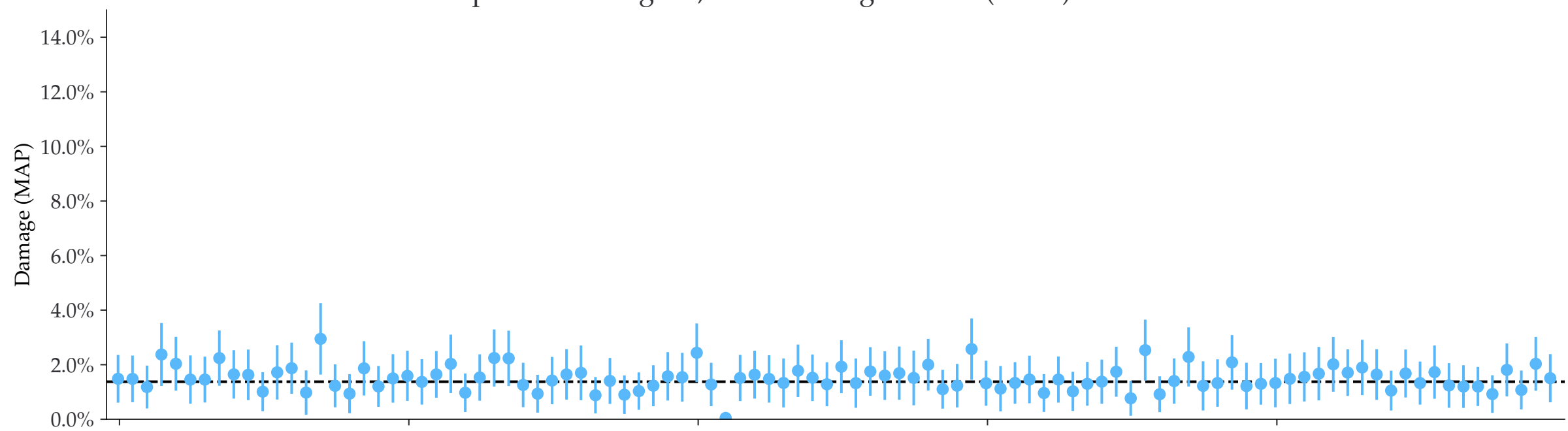Species = contig100k, 14.8% damaged reads (mean) in fasta file

Individual damages:
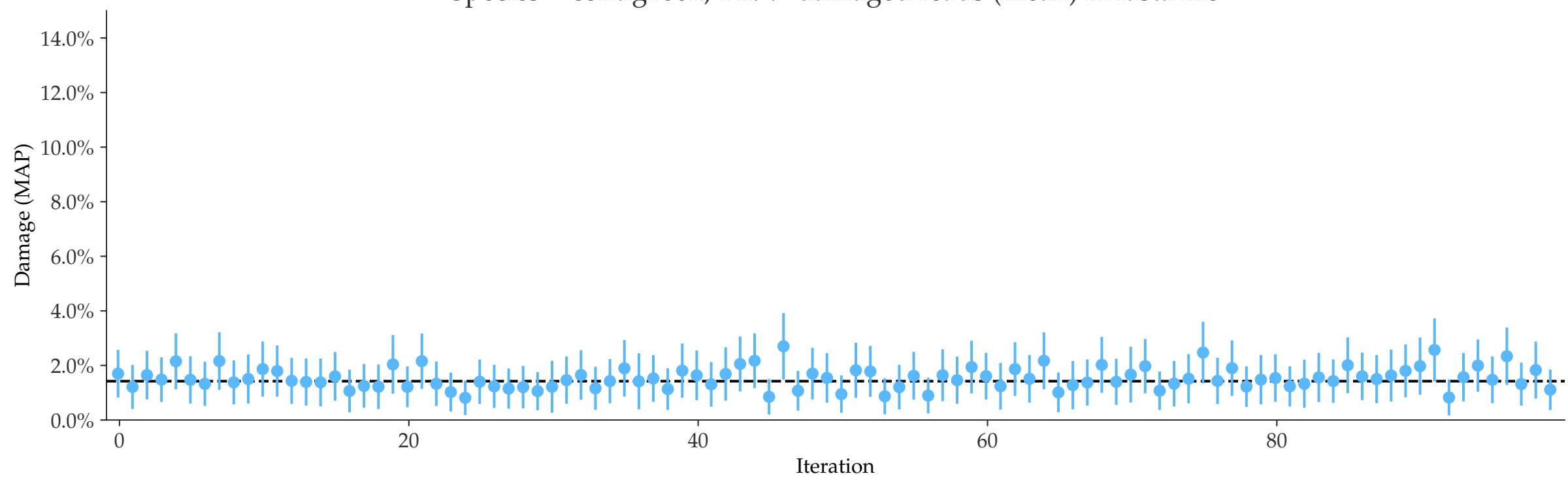10 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Species = contig1k, 15.4% damaged reads (mean) in fasta file

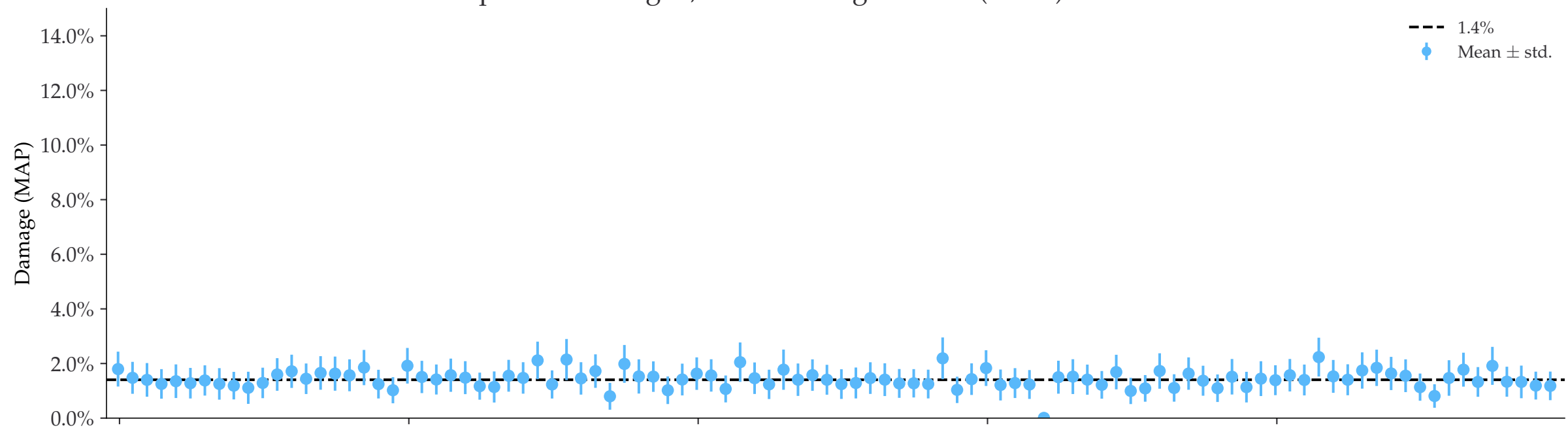Species = contig10k, 18.1% damaged reads (mean) in fasta file

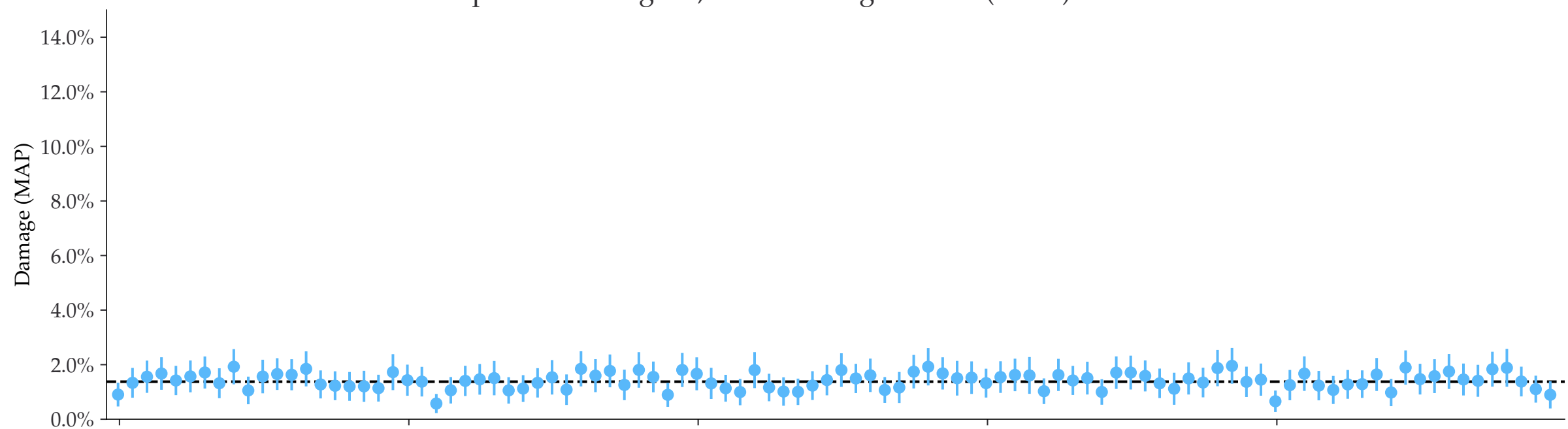Species = contig100k, 22.2% damaged reads (mean) in fasta file

Individual damages:
25 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Individual damages:
50 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Individual damages:
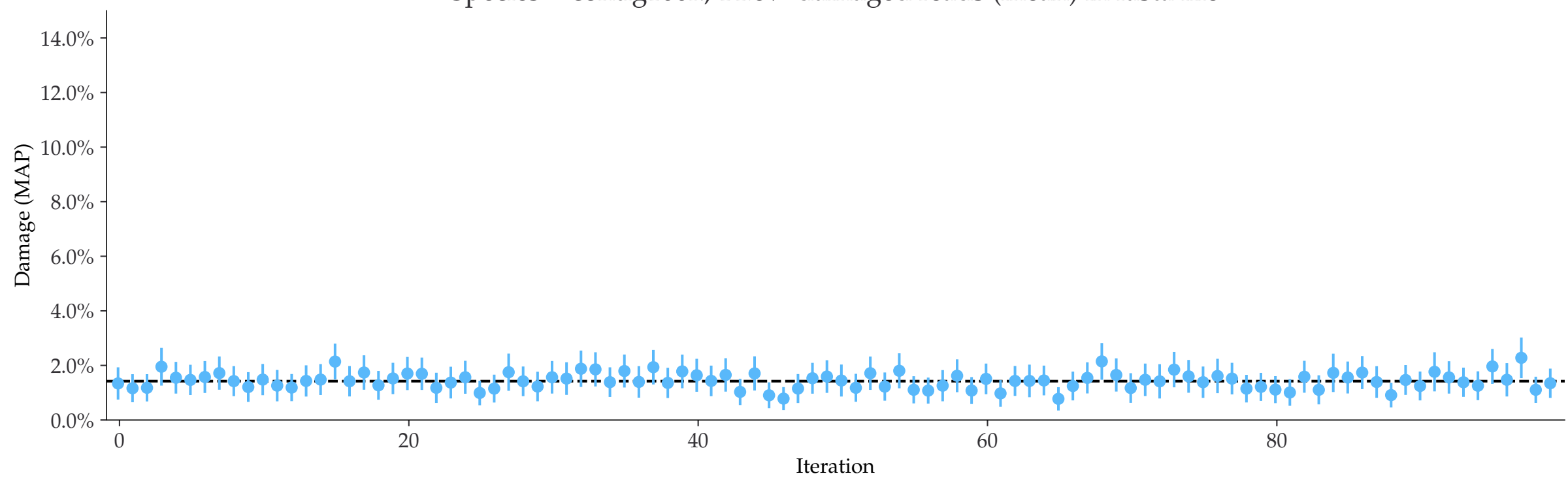100 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Species = contig1k, 17.3% damaged reads (mean) in fasta file

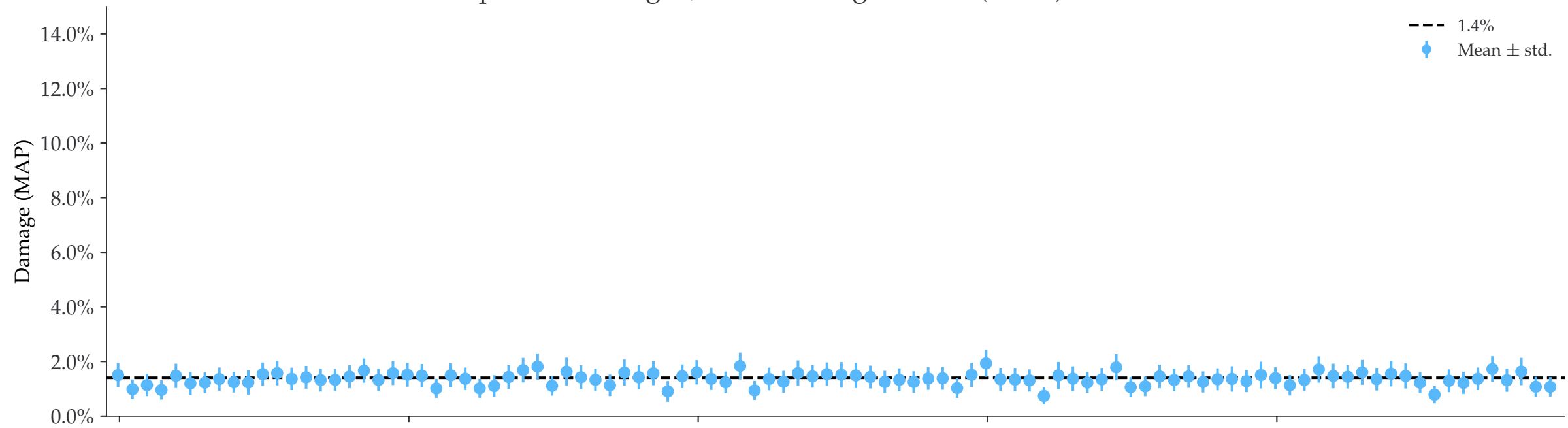Species = contig10k, 18.7% damaged reads (mean) in fasta file

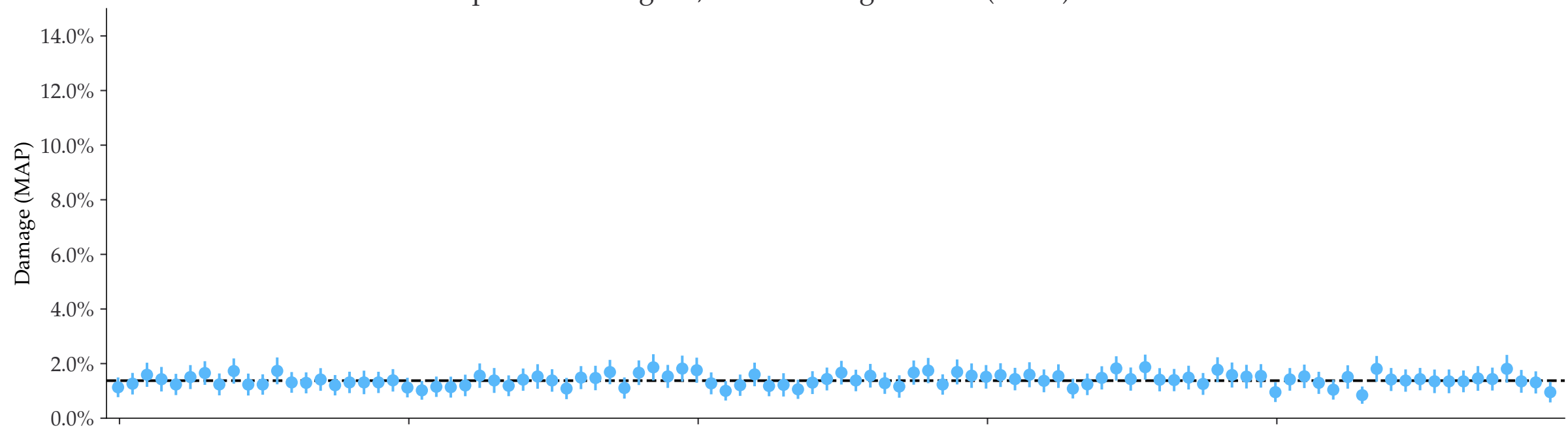Species = contig100k, 18.2% damaged reads (mean) in fasta file

Individual damages:
250 reads
Briggs damage = 0.138
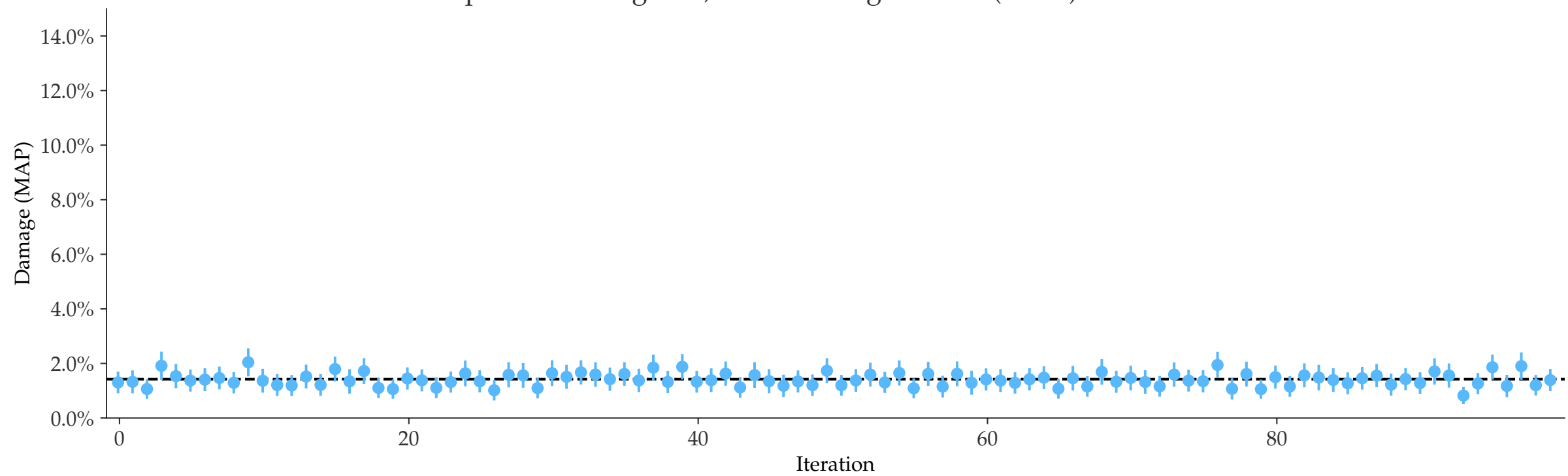Damage percent (approx) = 5%

Species = contig1k, 16.8% damaged reads (mean) in fasta file

Species = contig10k, 18.4% damaged reads (mean) in fasta file

Species = contig100k, 18.2% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Species = contig1k, 16.9% damaged reads (mean) in fasta file

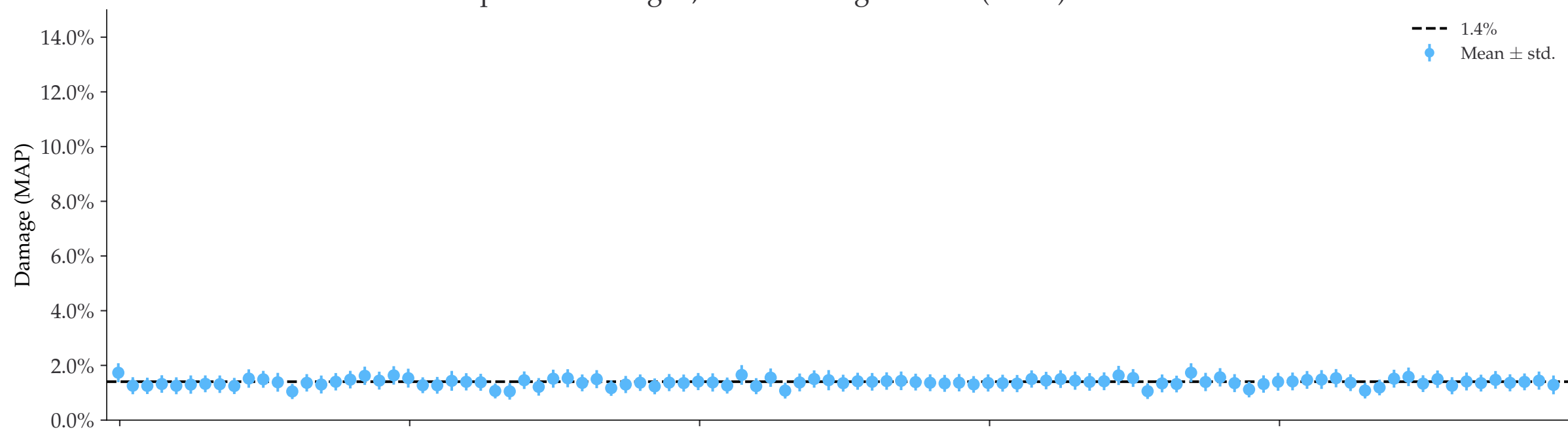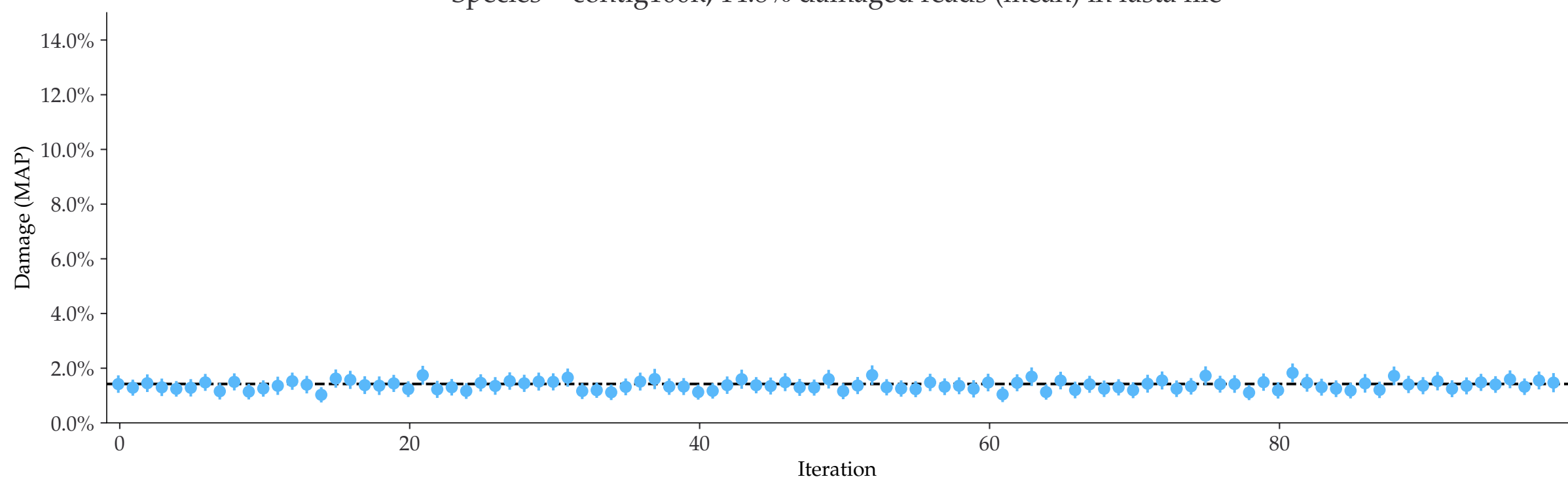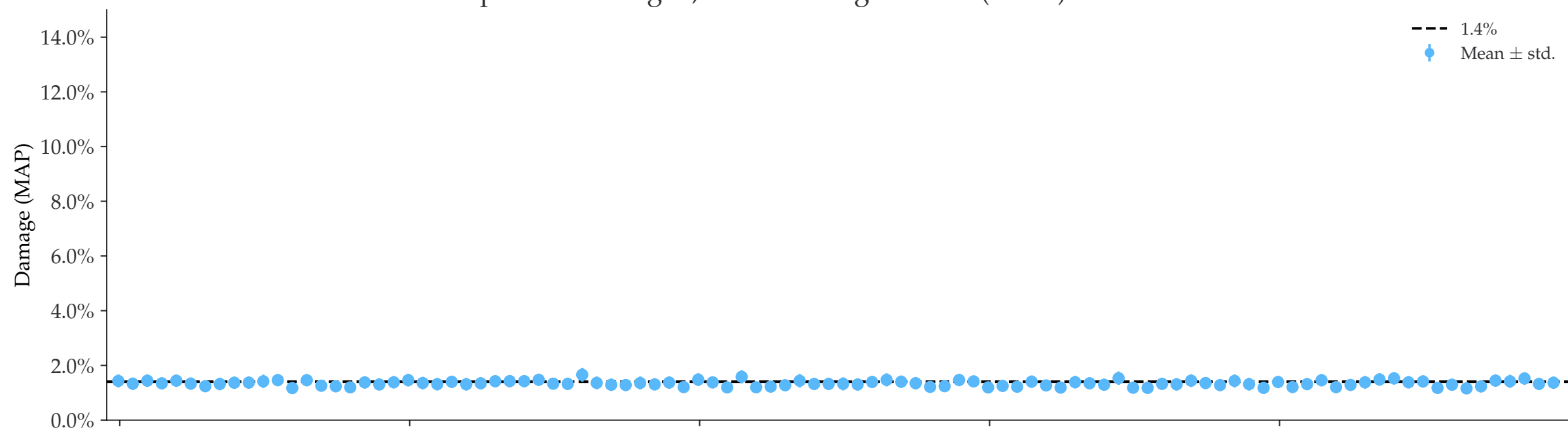Species = contig10k, 18.3% damaged reads (mean) in fasta file

Species = contig100k, 18.2% damaged reads (mean) in fasta file

Individual damages:
1000 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Individual damages:
2500 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Species = contig1k, 16.6% damaged reads (mean) in fasta file

Species = contig10k, 18.0% damaged reads (mean) in fasta file

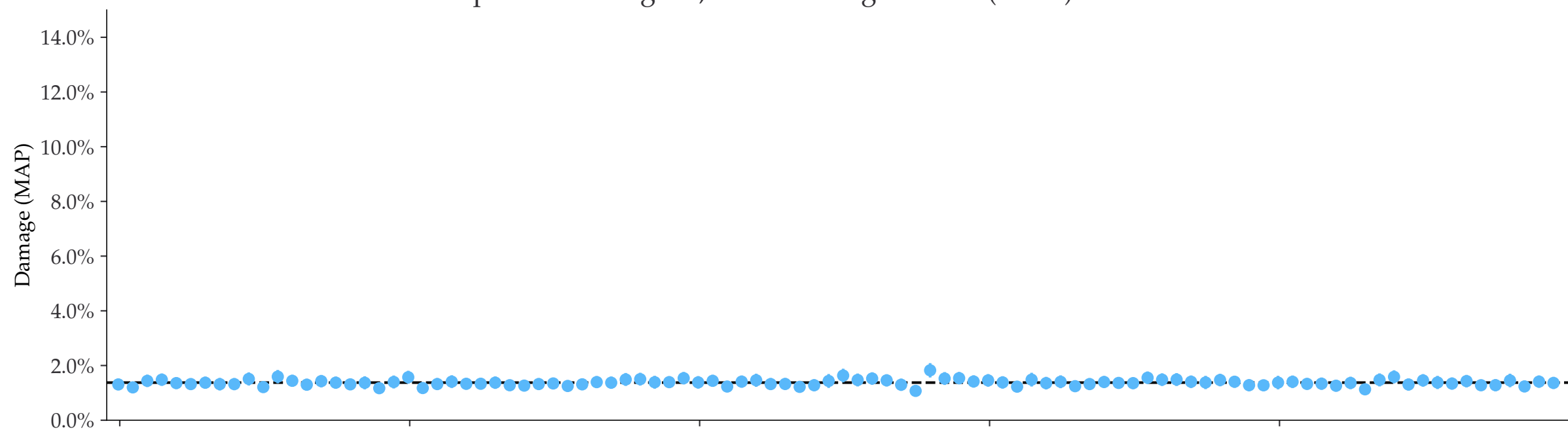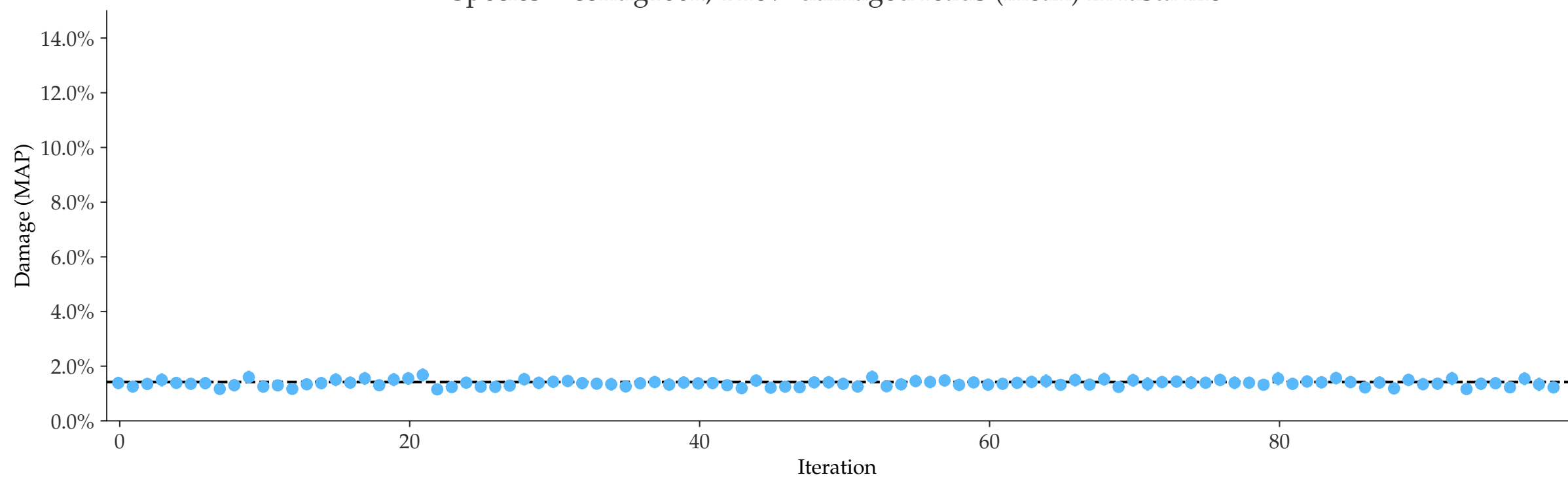Species = contig100k, 18.1% damaged reads (mean) in fasta file

Individual damages:
5000 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Species = contig1k, 16.6% damaged reads (mean) in fasta file

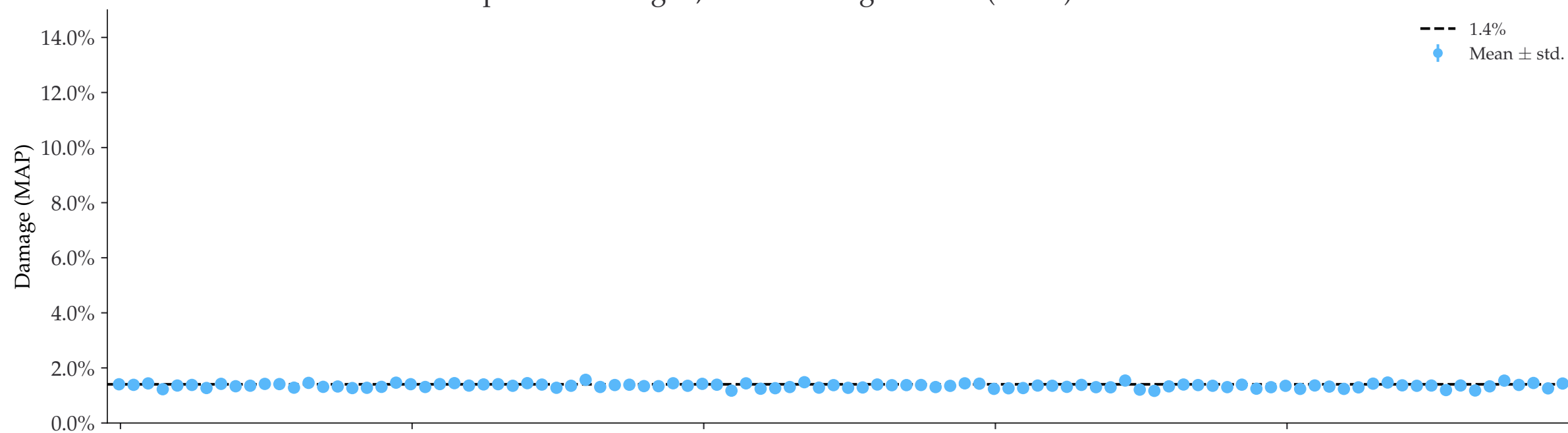Species = contig10k, 18.0% damaged reads (mean) in fasta file

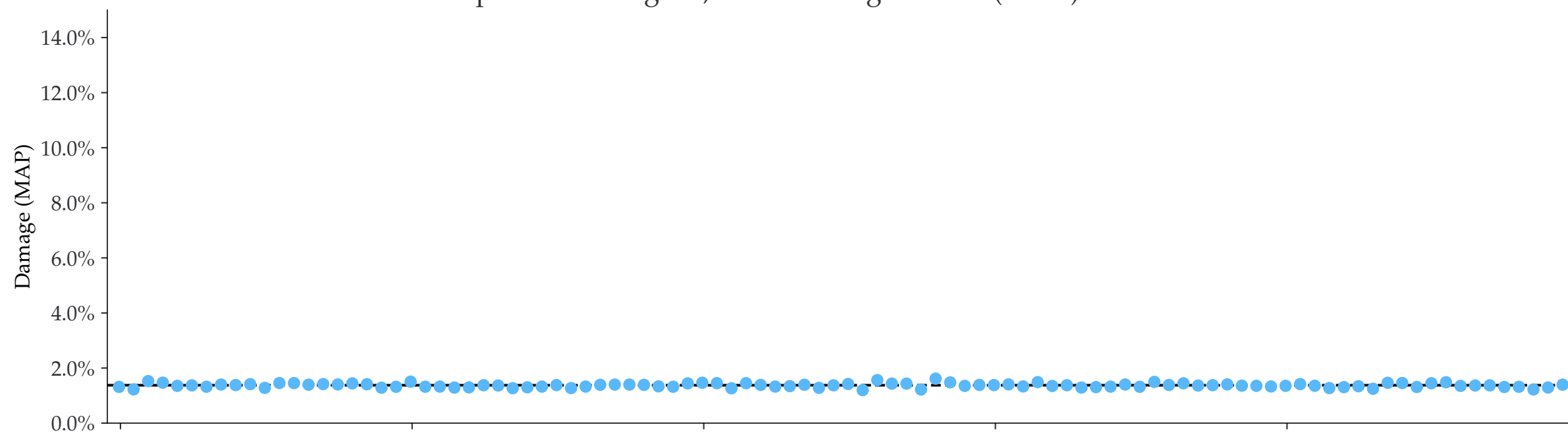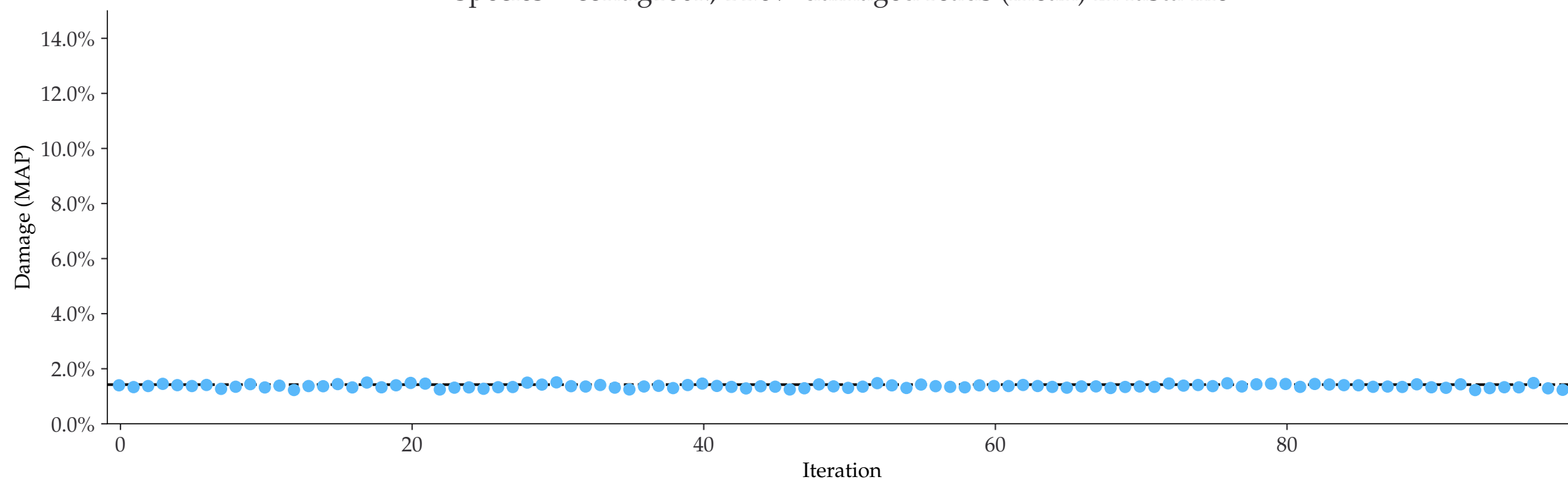Species = contig100k, 18.1% damaged reads (mean) in fasta file

Individual damages:
10000 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Individual damages:
25000 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

Species = contig1k, 16.6% damaged reads (mean) in fasta file

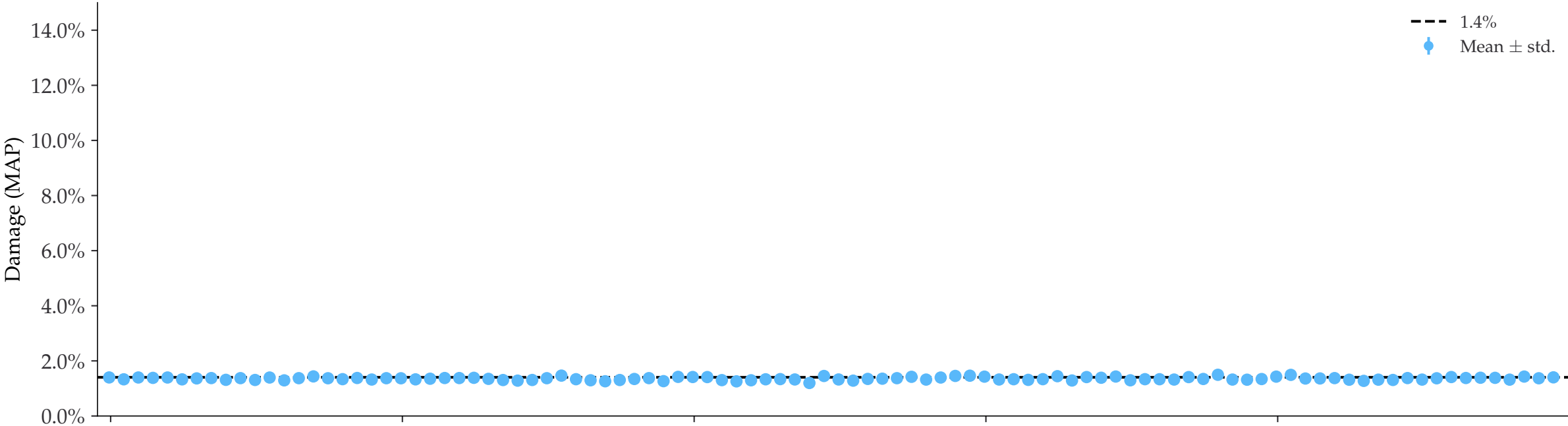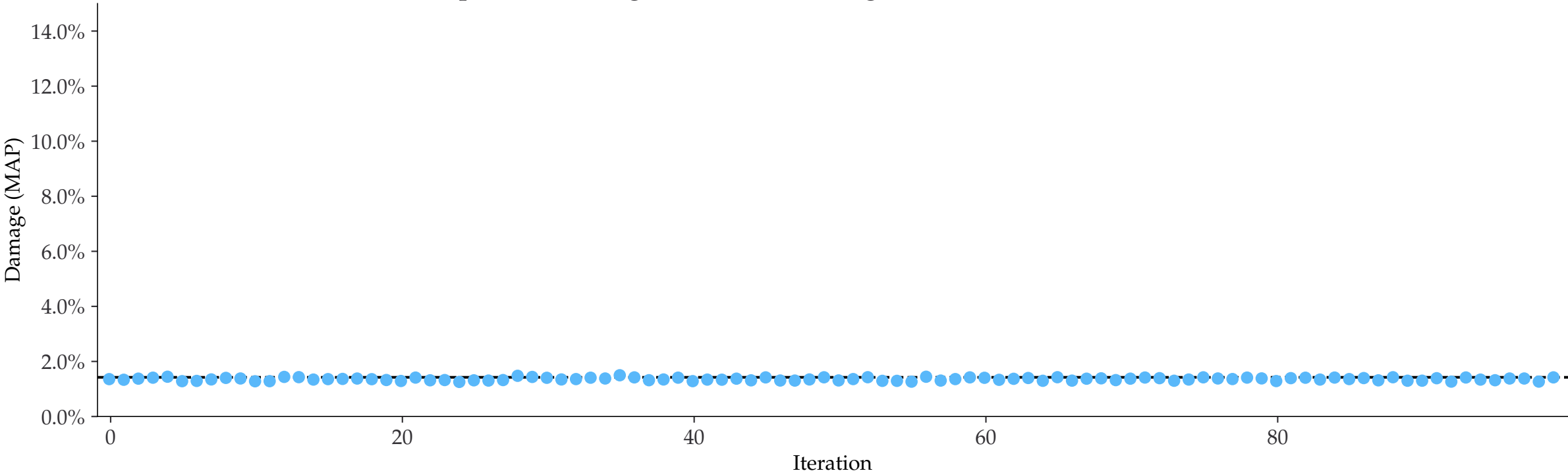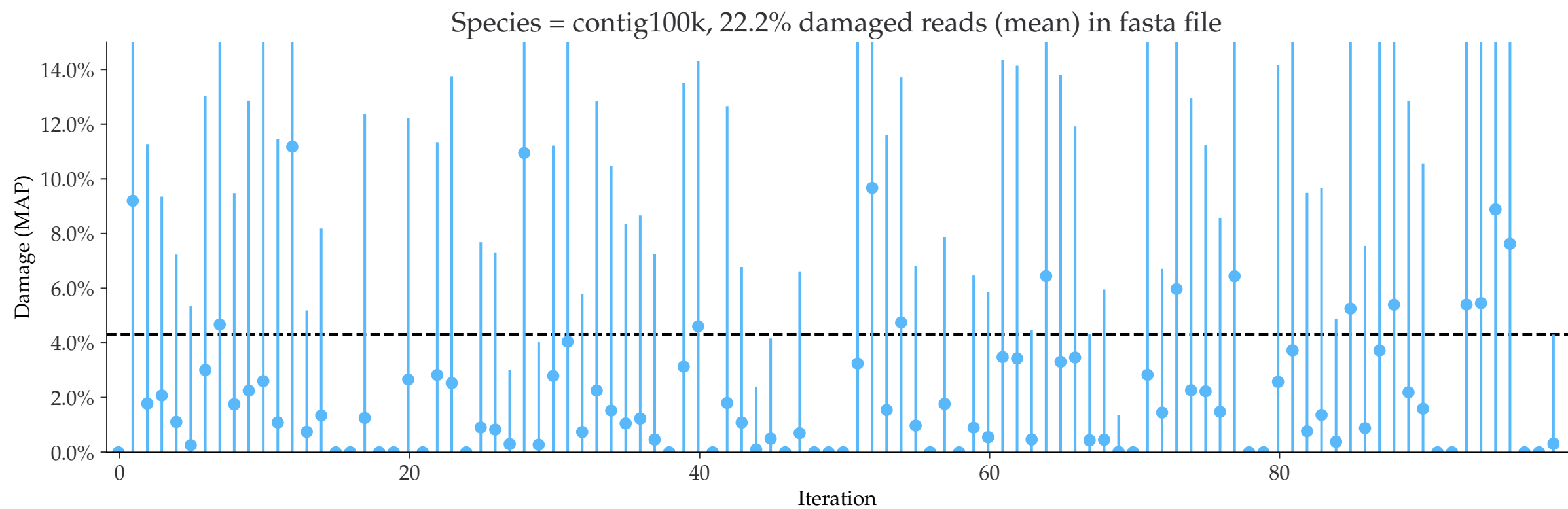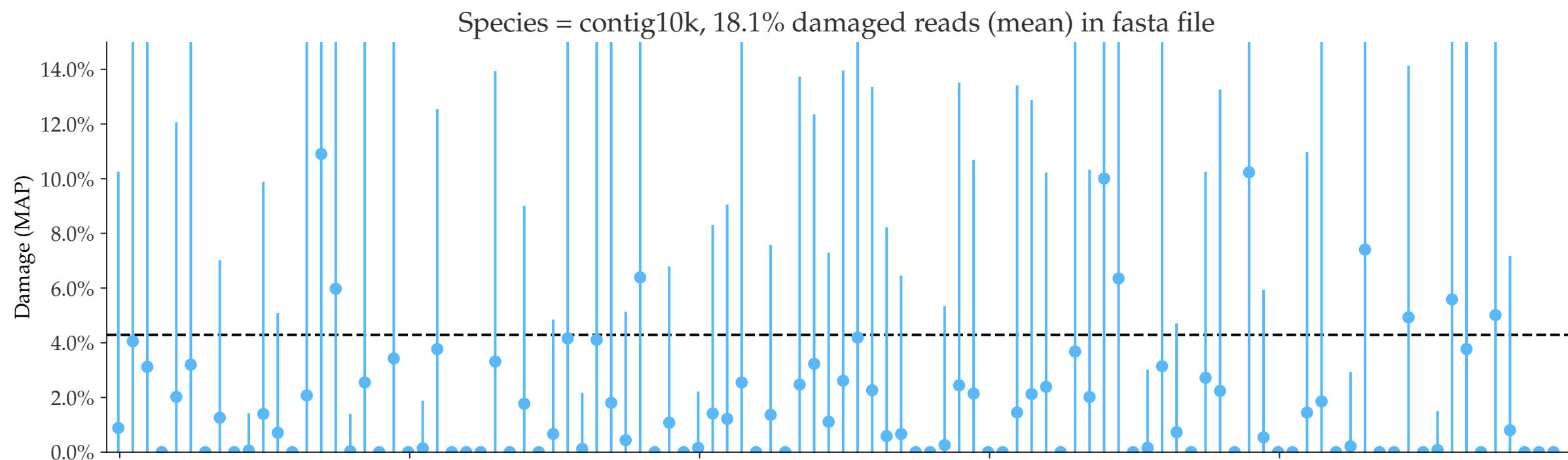Species = contig10k, 18.0% damaged reads (mean) in fasta file

Species = contig100k, 18.0% damaged reads (mean) in fasta file

Individual damages:
50000 reads
Briggs damage = 0.138
Damage percent (approx) = 5%

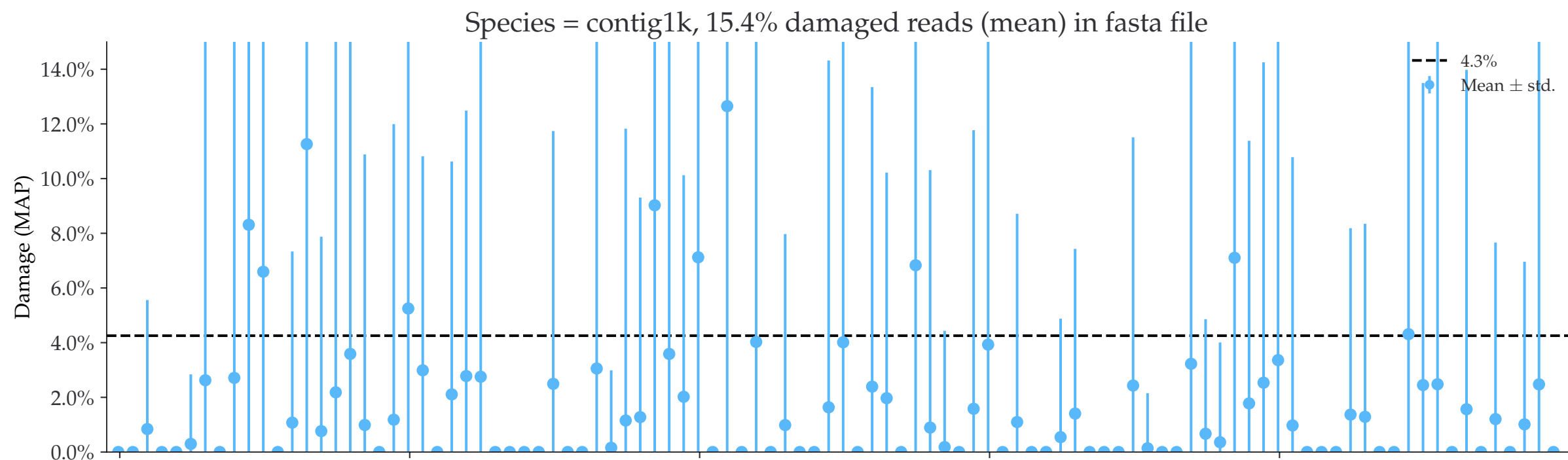Species = contig1k, 16.6% damaged reads (mean) in fasta file

Species = contig10k, 18.0% damaged reads (mean) in fasta file

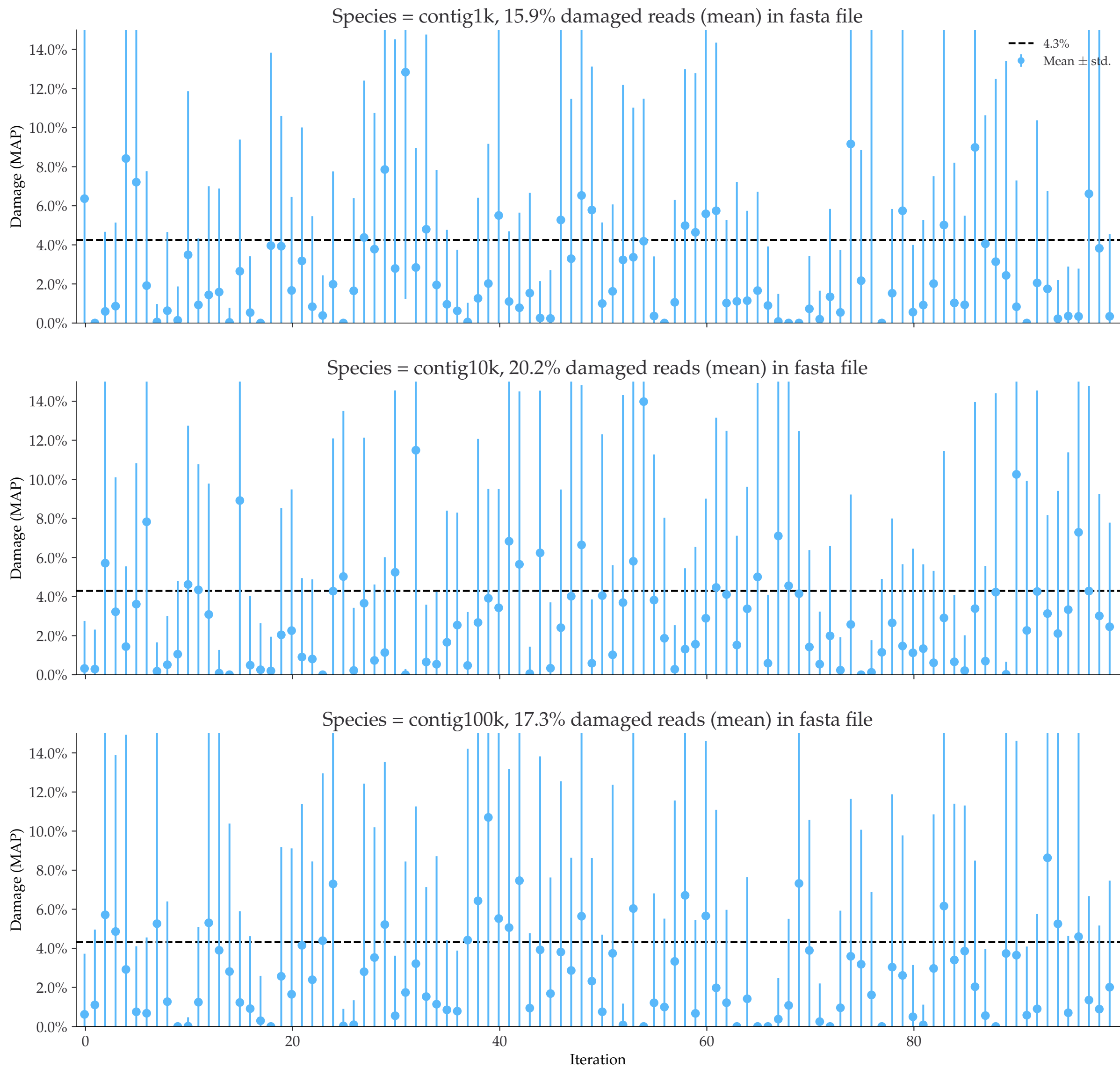
Species = contig100k, 18.0% damaged reads (mean) in fasta file

Individual damages:
100000 reads
Briggs damage = 0.138
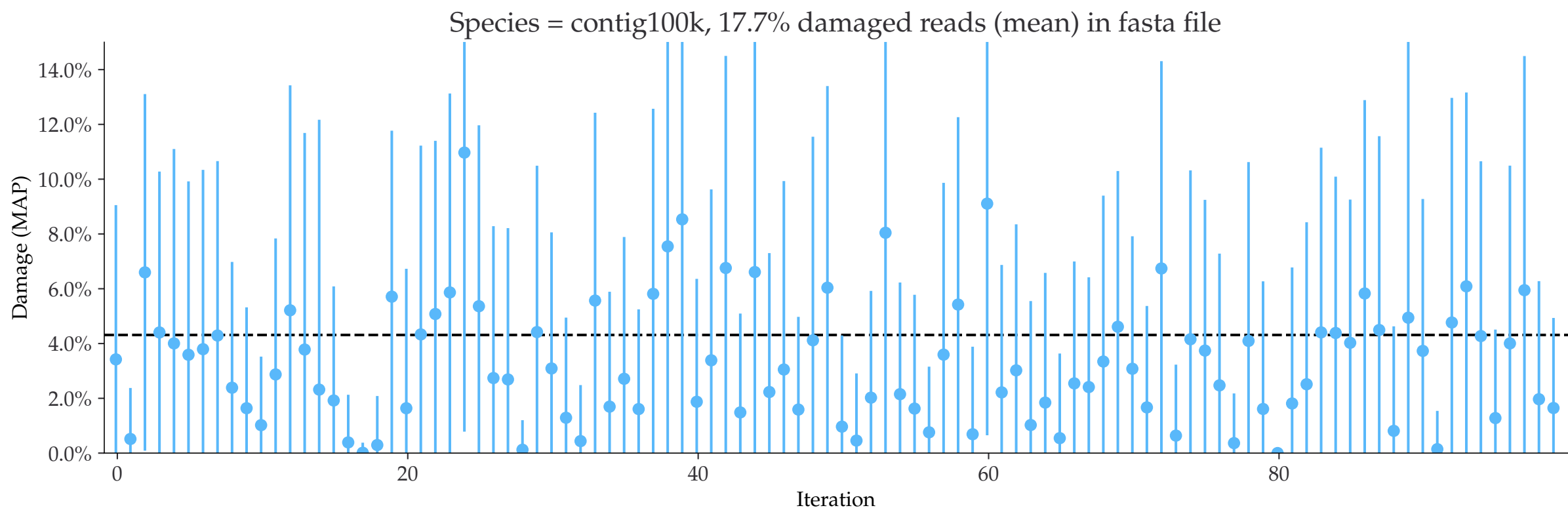Damage percent (approx) = 5%

Individual damages:
10 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Species = contig1k, 22.4% damaged reads (mean) in fasta file

Species = contig10k, 23.3% damaged reads (mean) in fasta file

Species = contig100k, 24.8% damaged reads (mean) in fasta file

Individual damages:
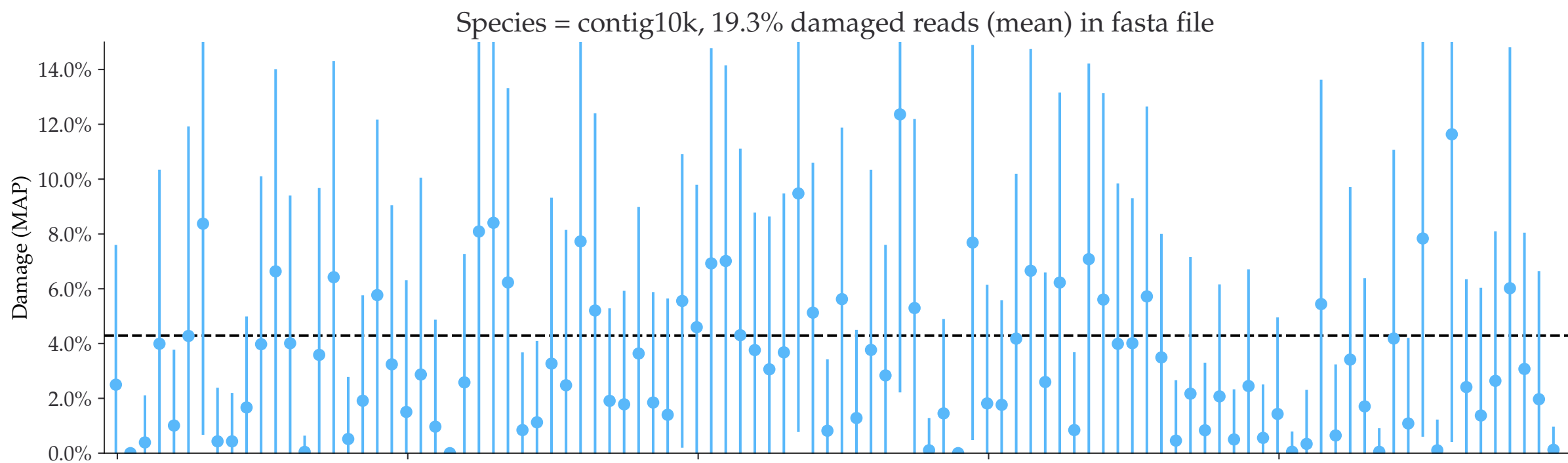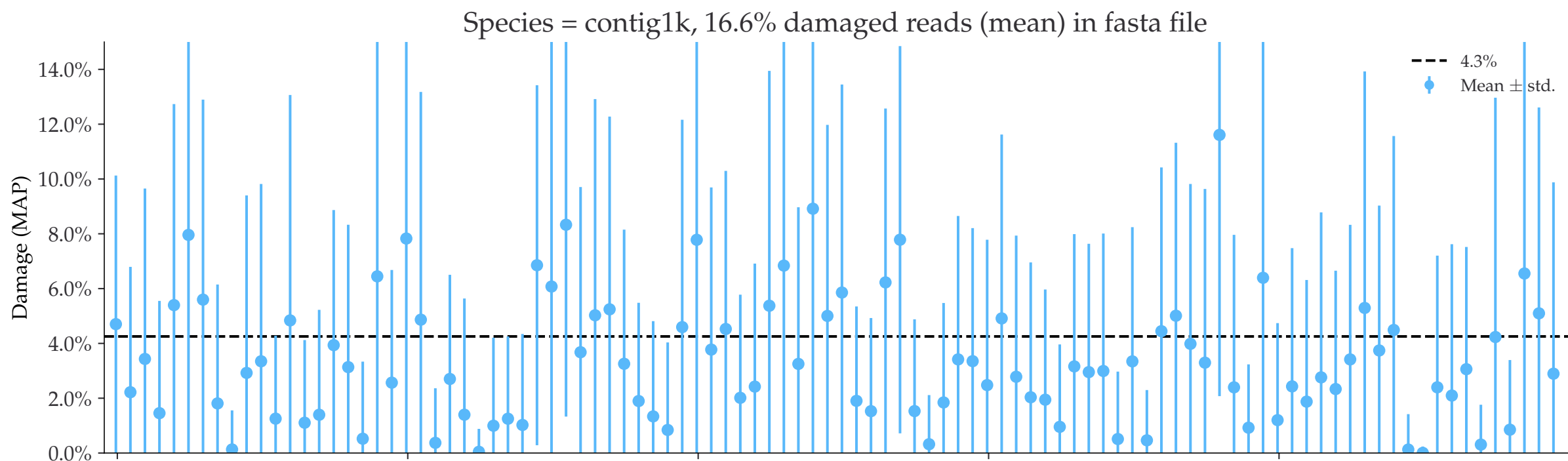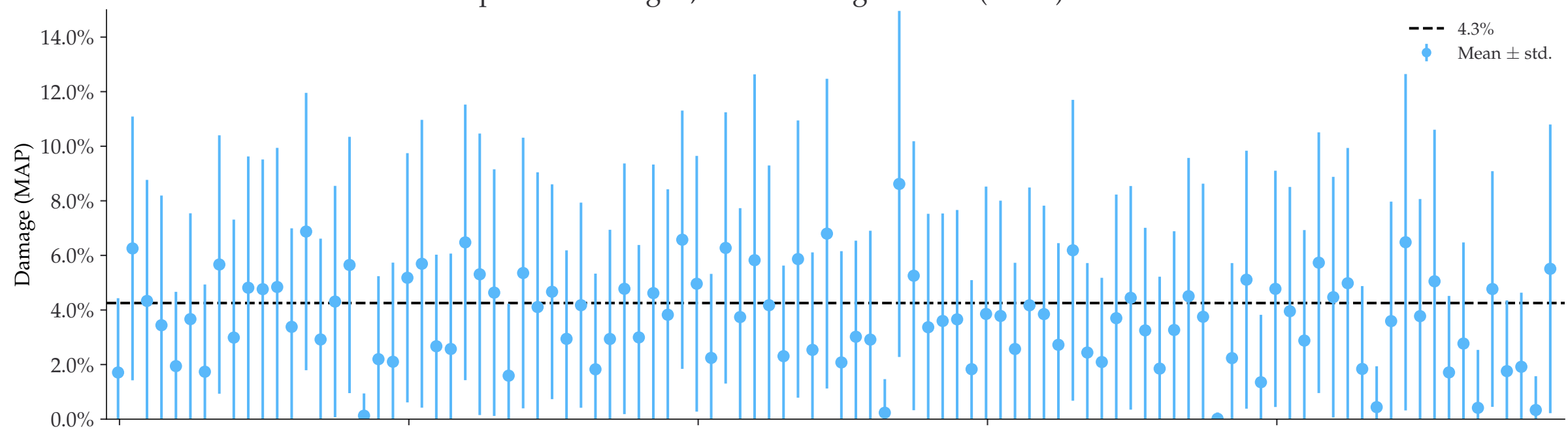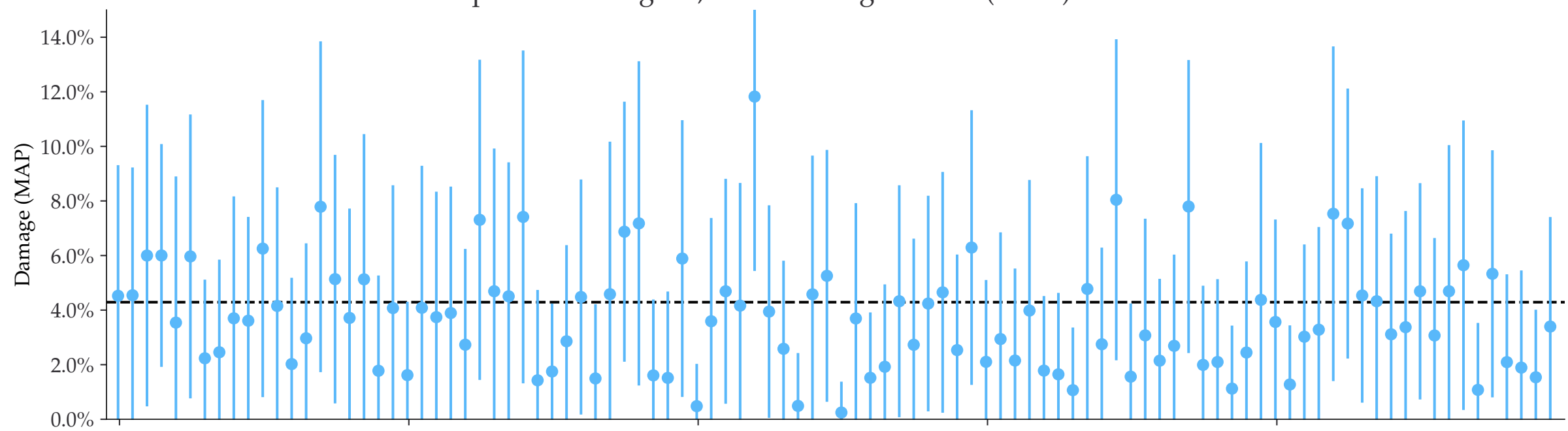25 reads
Briggs damage = 0.303
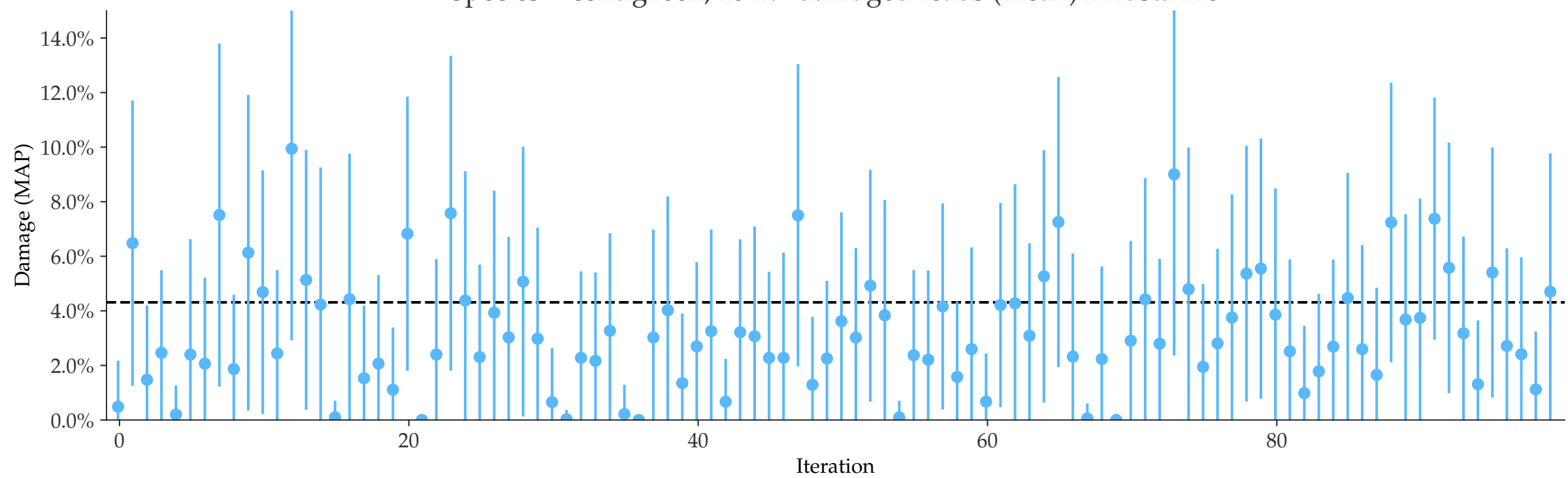Damage percent (approx) = 10%

Species = contig1k, 21.1% damaged reads (mean) in fasta file

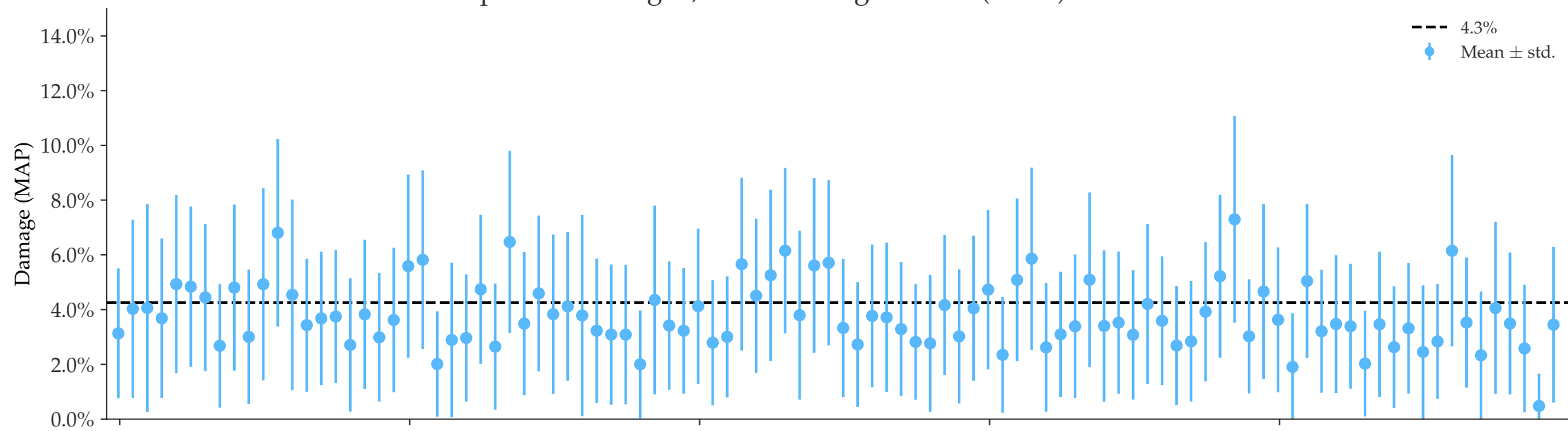Species = contig10k, 24.9% damaged reads (mean) in fasta file

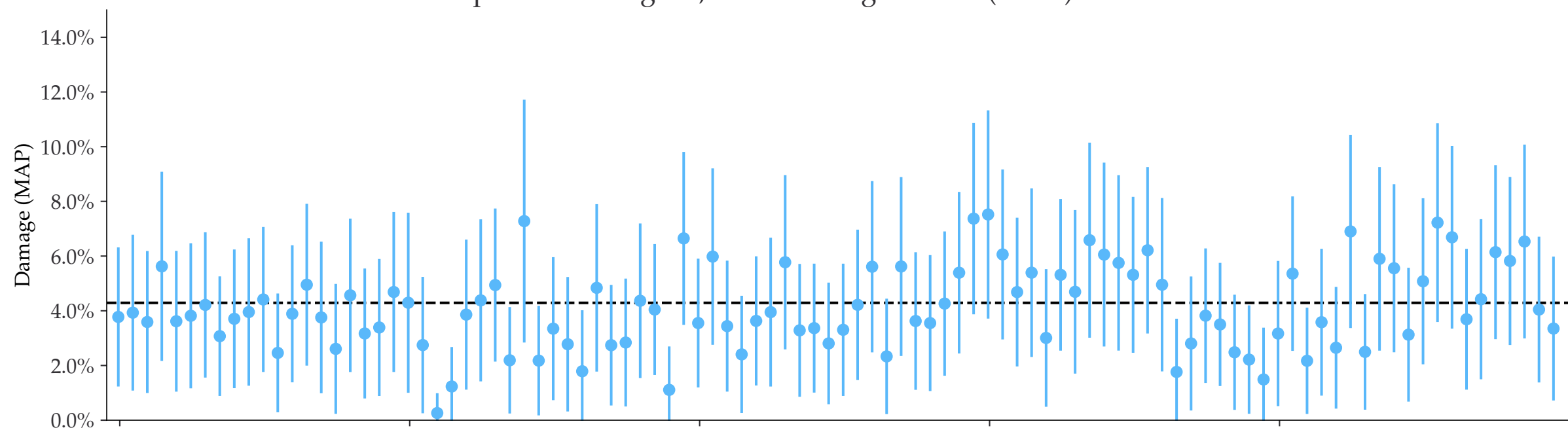Species = contig100k, 22.2% damaged reads (mean) in fasta file

Individual damages:
50 reads
Briggs damage = 0.303
Damage percent (approx) = 10%
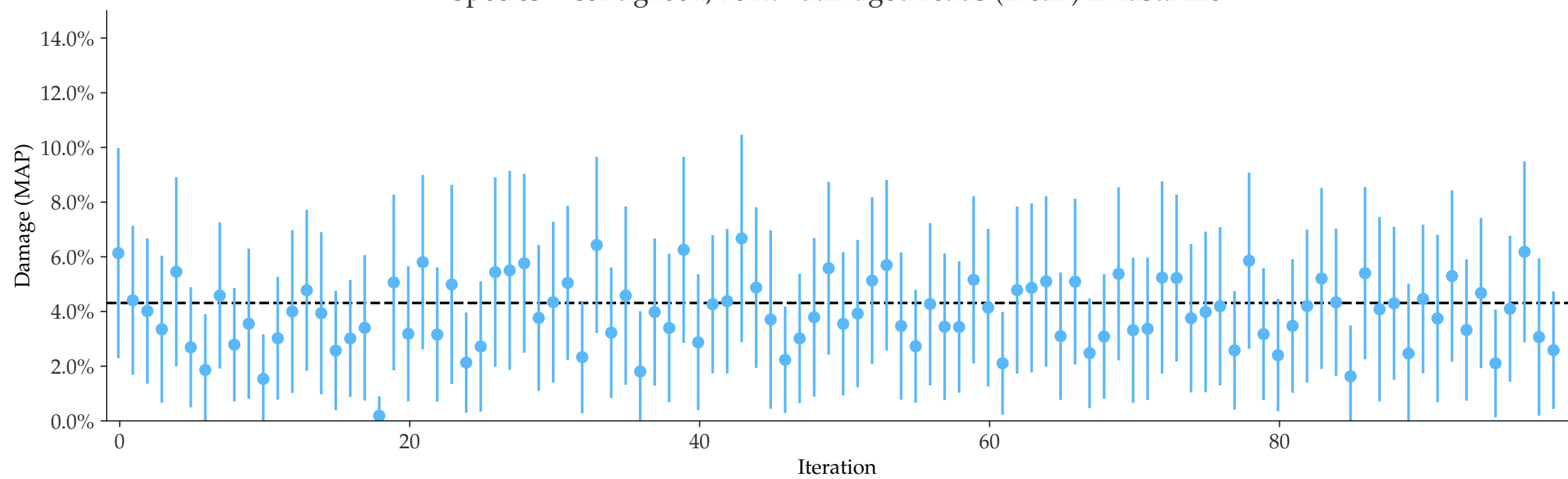

Species = contig1k, 21.8% damaged reads (mean) in fasta file

Species = contig10k, 23.5% damaged reads (mean) in fasta file

Species = contig100k, 22.5% damaged reads (mean) in fasta file

Individual damages:
100 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Species = contig1k, 21.7% damaged reads (mean) in fasta file

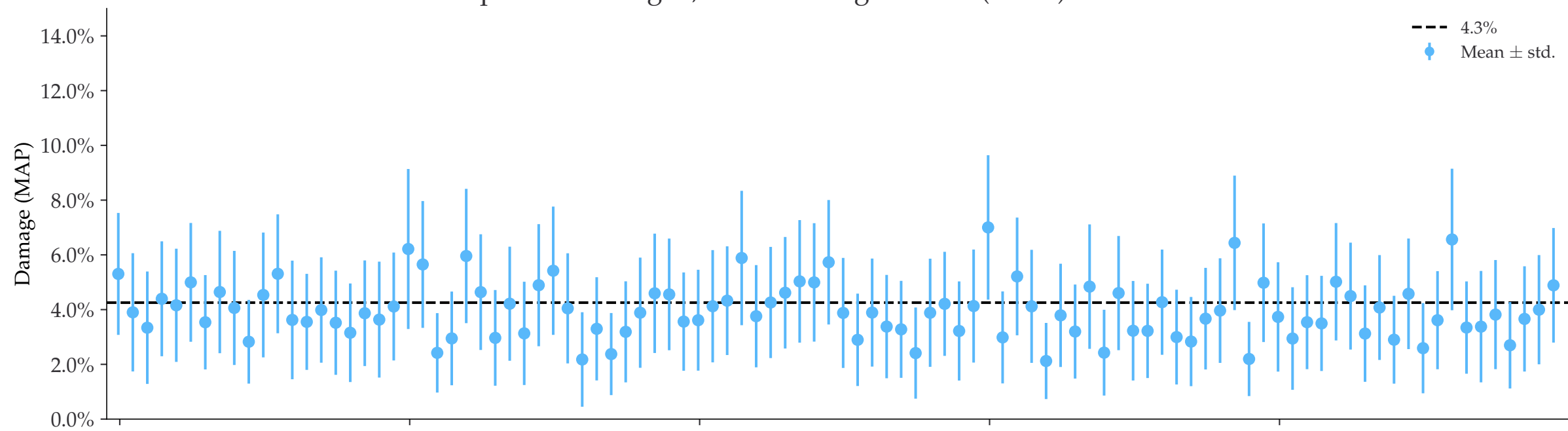Species = contig10k, 23.1% damaged reads (mean) in fasta file

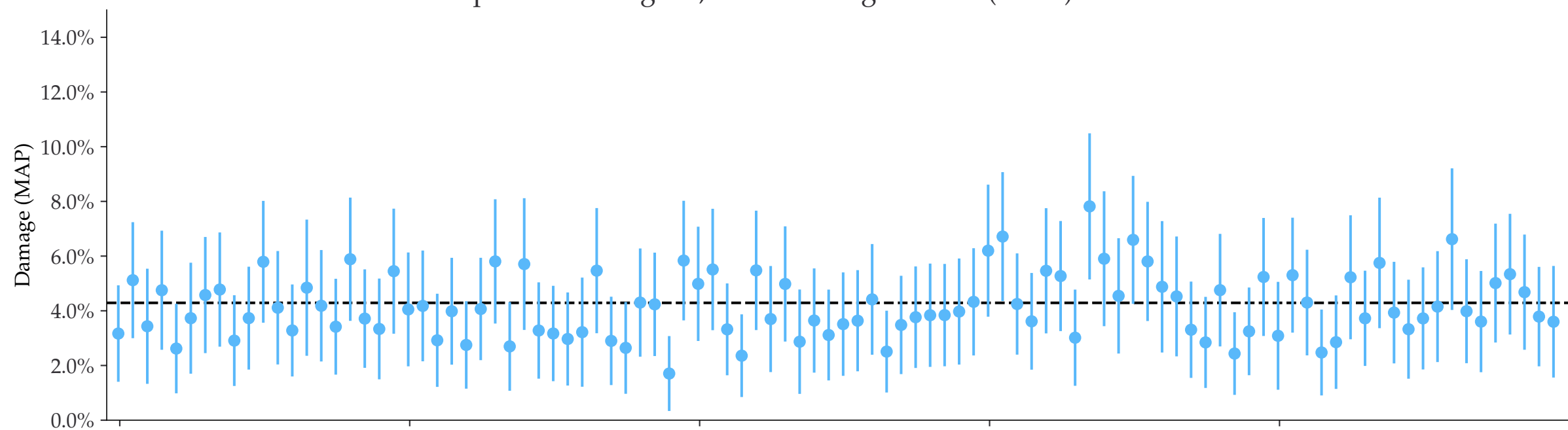Species = contig100k, 23.0% damaged reads (mean) in fasta file

Individual damages:
250 reads
Briggs damage = 0.303
Damage percent (approx) = 10%
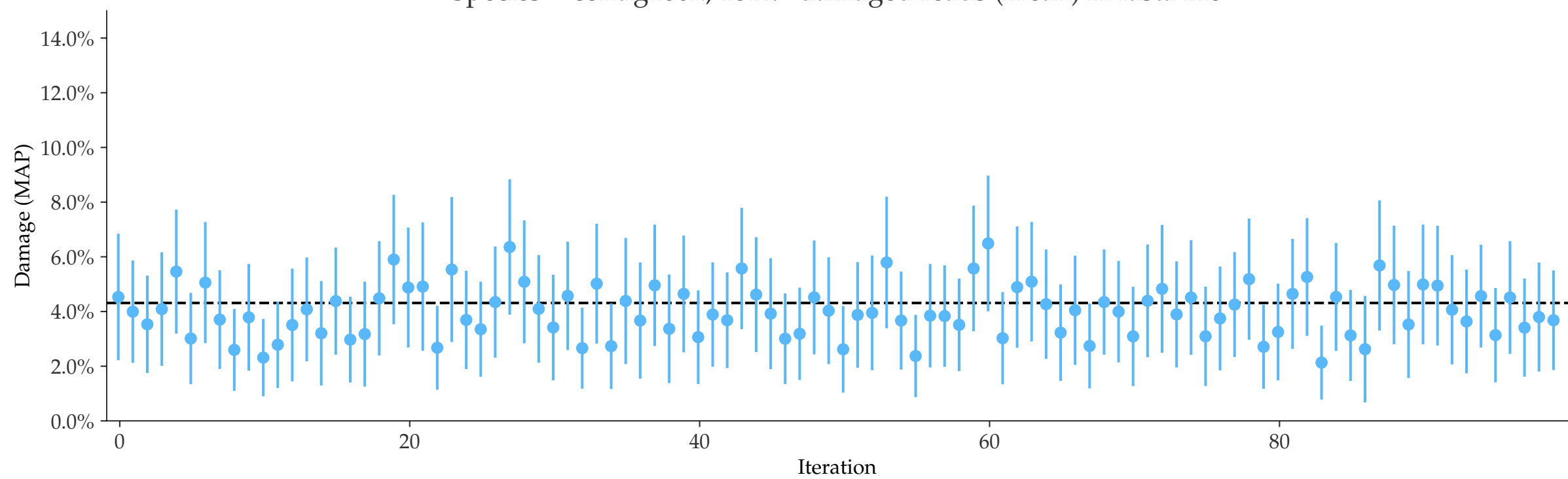
Species = contig1k, 21.2% damaged reads (mean) in fasta file

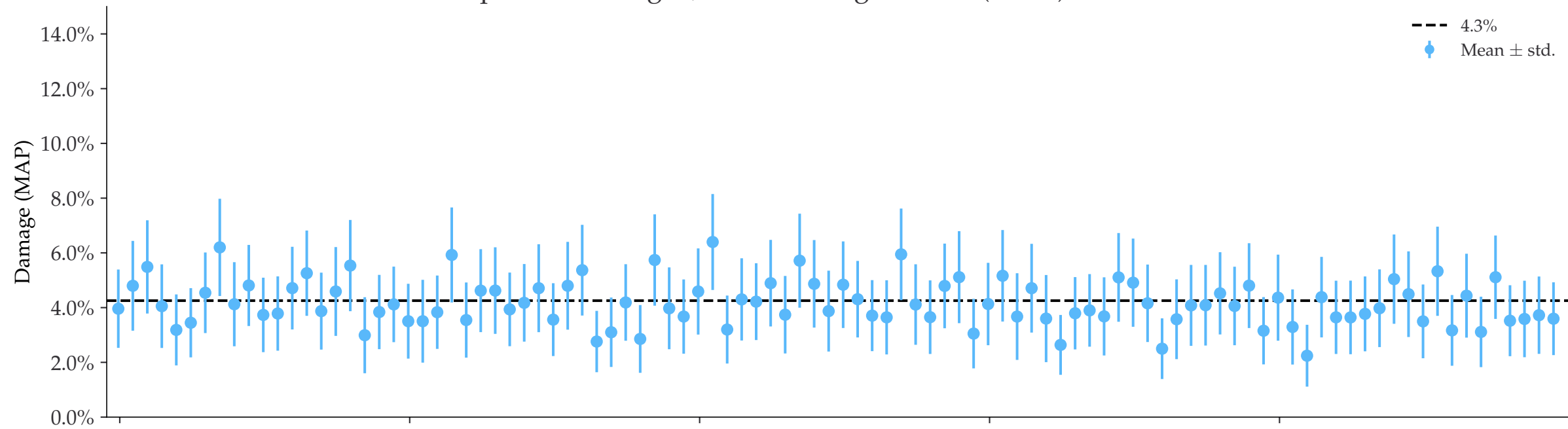Species = contig10k, 22.8% damaged reads (mean) in fasta file

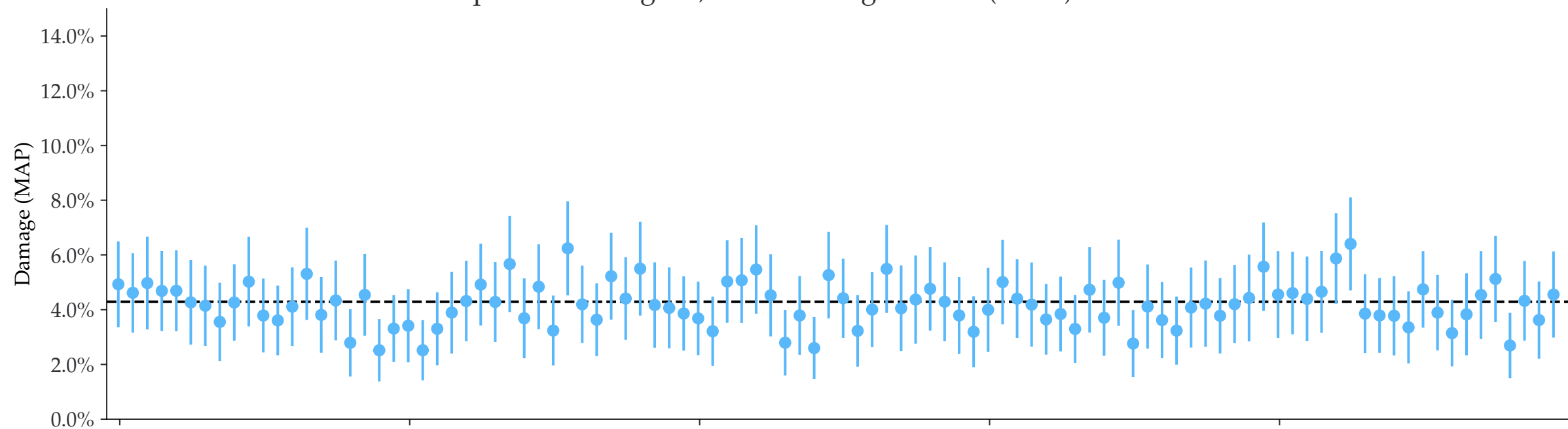Species = contig100k, 22.9% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Individual damages:
1000 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Individual damages:
2500 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Individual damages:
5000 reads
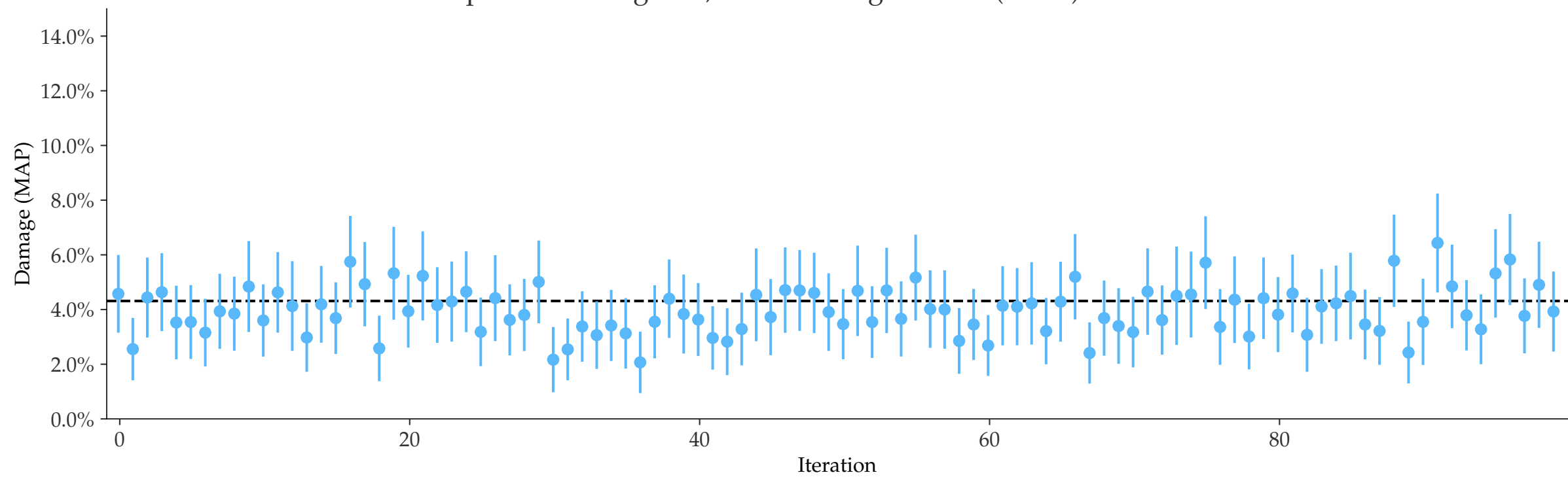Briggs damage = 0.303
Damage percent (approx) = 10%

Species = contig1k, 21.4% damaged reads (mean) in fasta file

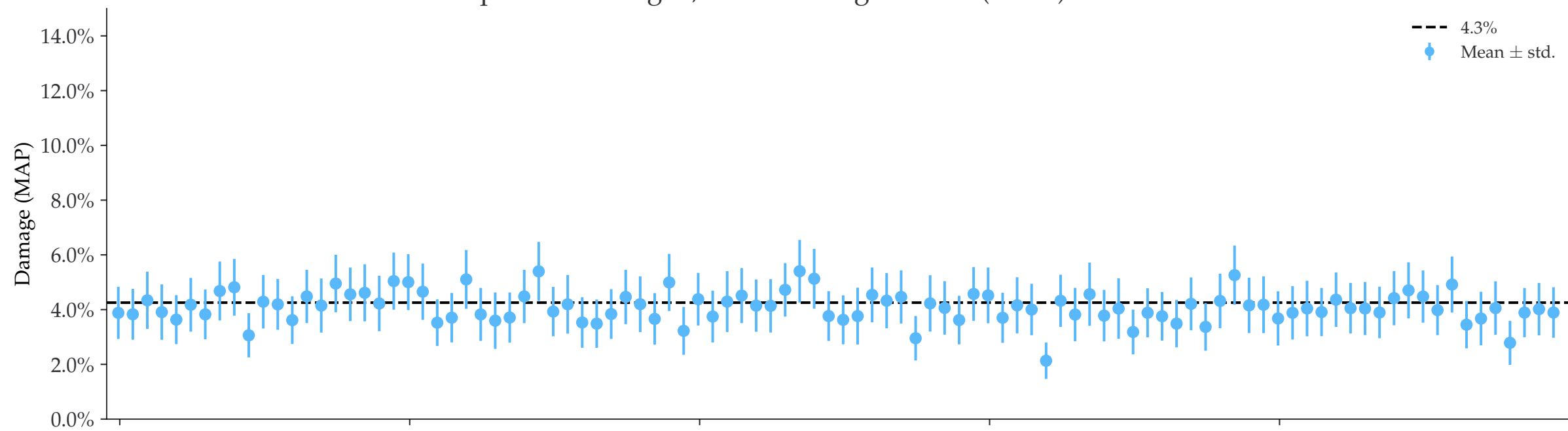Species = contig10k, 23.1% damaged reads (mean) in fasta file

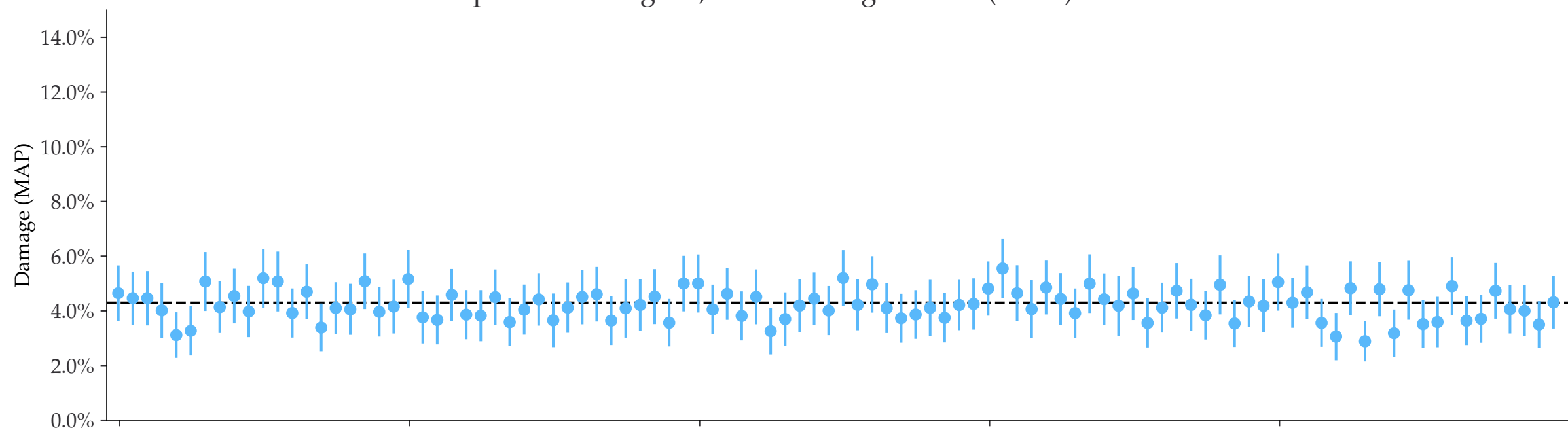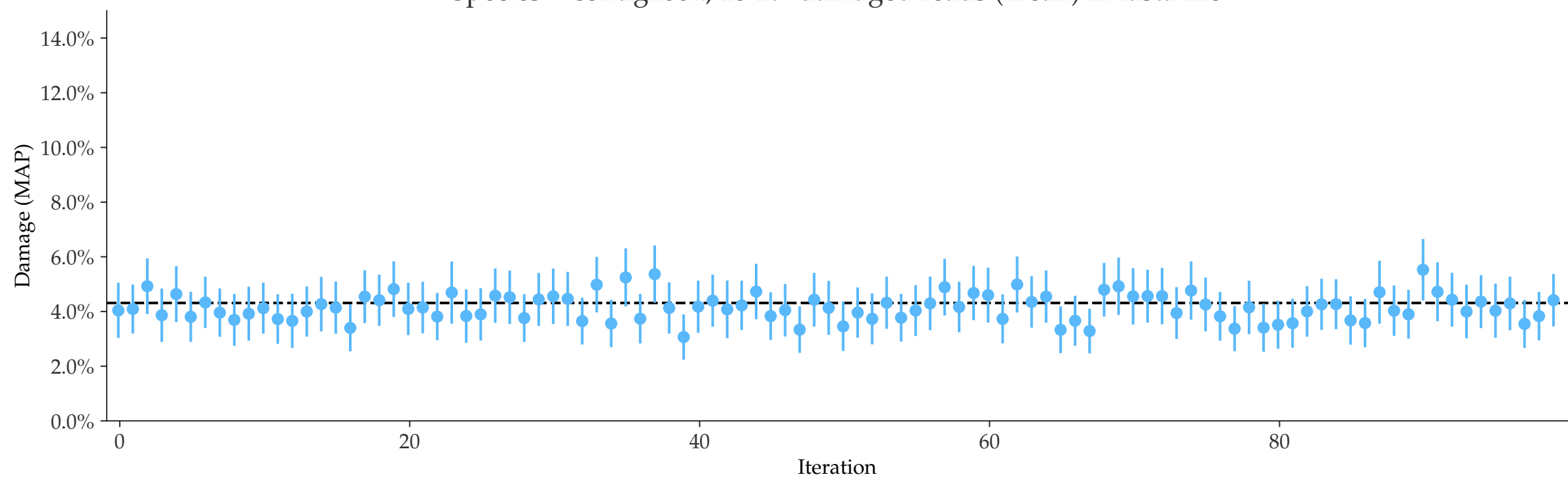Species = contig100k, 23.2% damaged reads (mean) in fasta file

Individual damages:
10000 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Species = contig1k, 21.6% damaged reads (mean) in fasta file

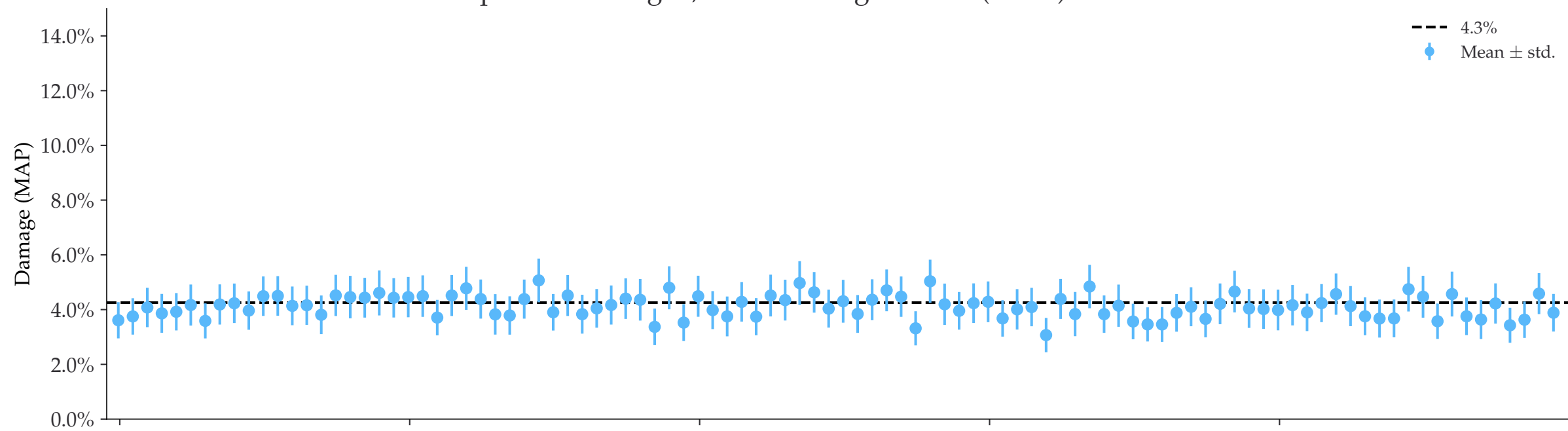Species = contig10k, 23.1% damaged reads (mean) in fasta file

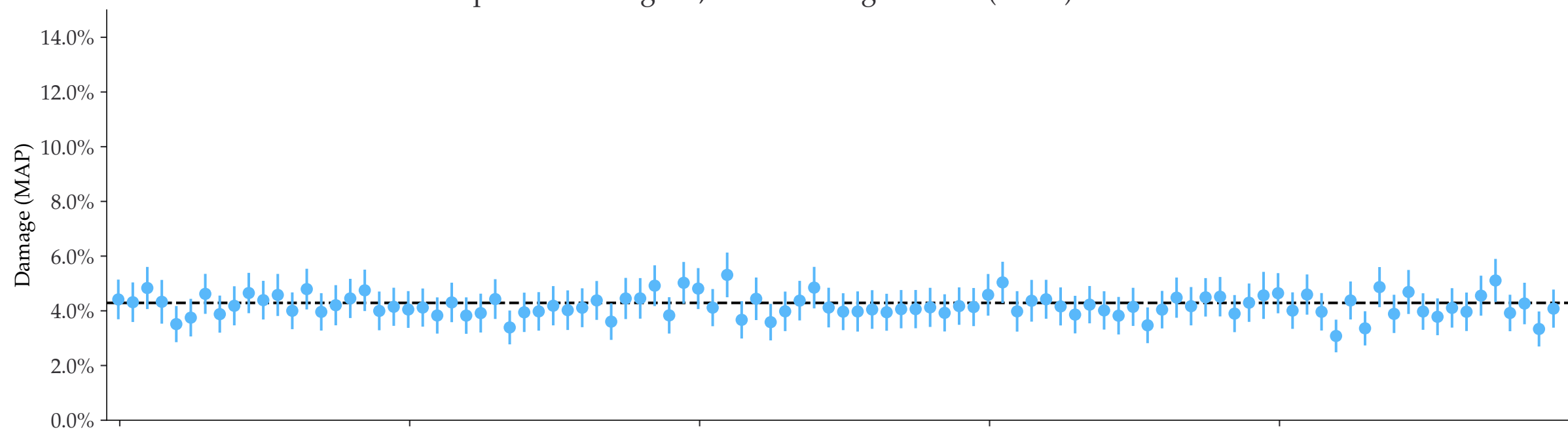Species = contig100k, 23.1% damaged reads (mean) in fasta file

Individual damages:
25000 reads
Briggs damage = 0.303
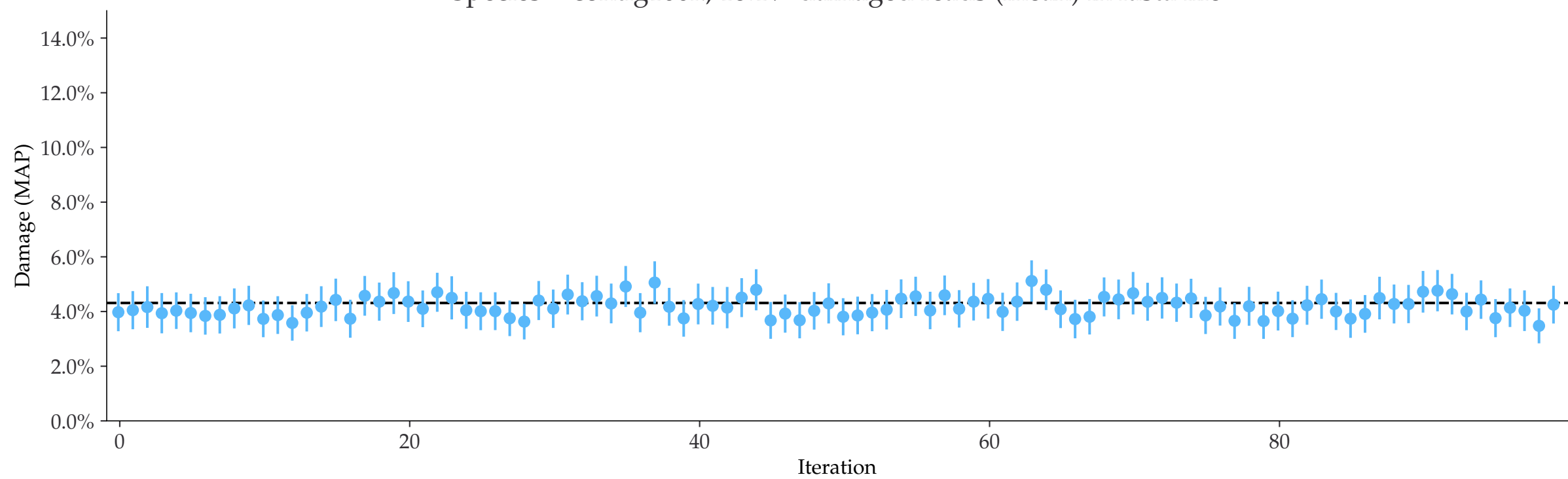Damage percent (approx) = 10%

Individual damages:
50000 reads
Briggs damage = 0.303
Damage percent (approx) = 10%

Species = contig1k, 21.5% damaged reads (mean) in fasta file

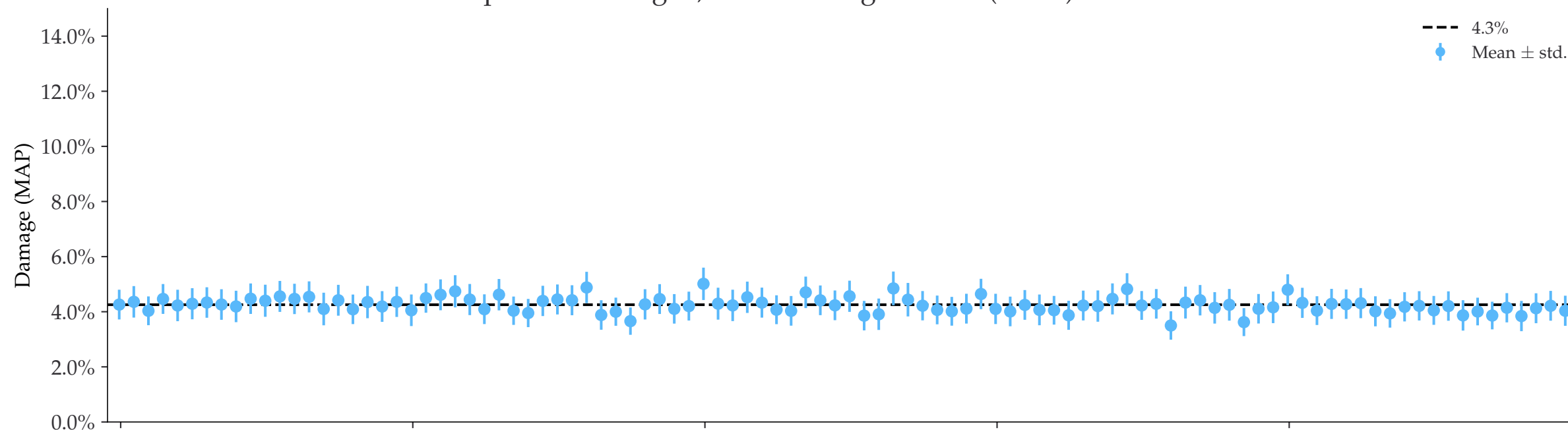Species = contig10k, 23.1% damaged reads (mean) in fasta file

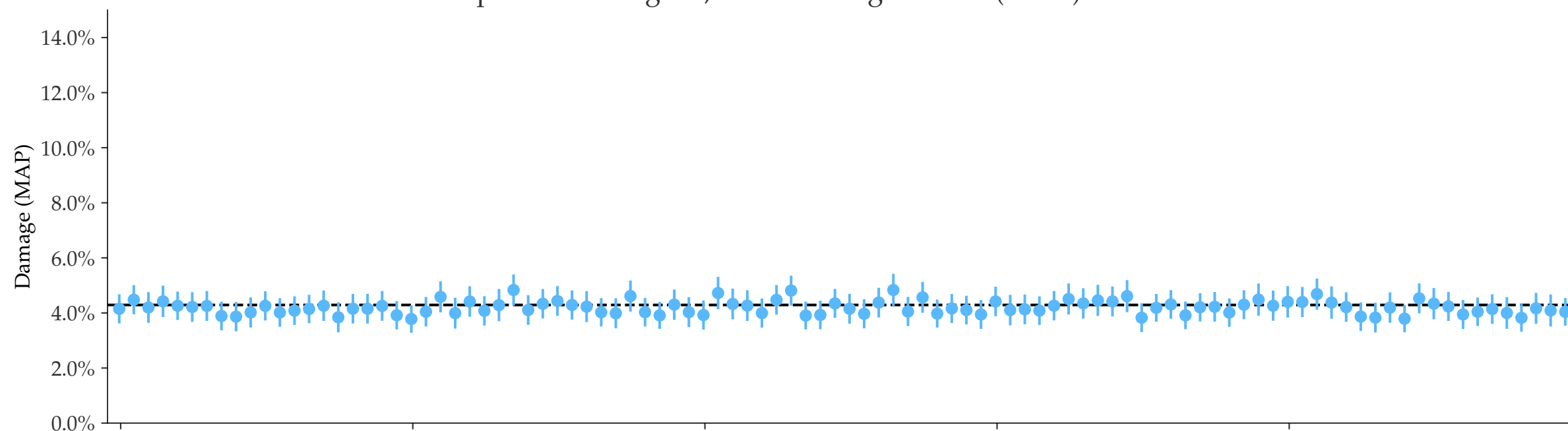Species = contig100k, 23.1% damaged reads (mean) in fasta file

Individual damages:
100000 reads
Briggs damage = 0.303
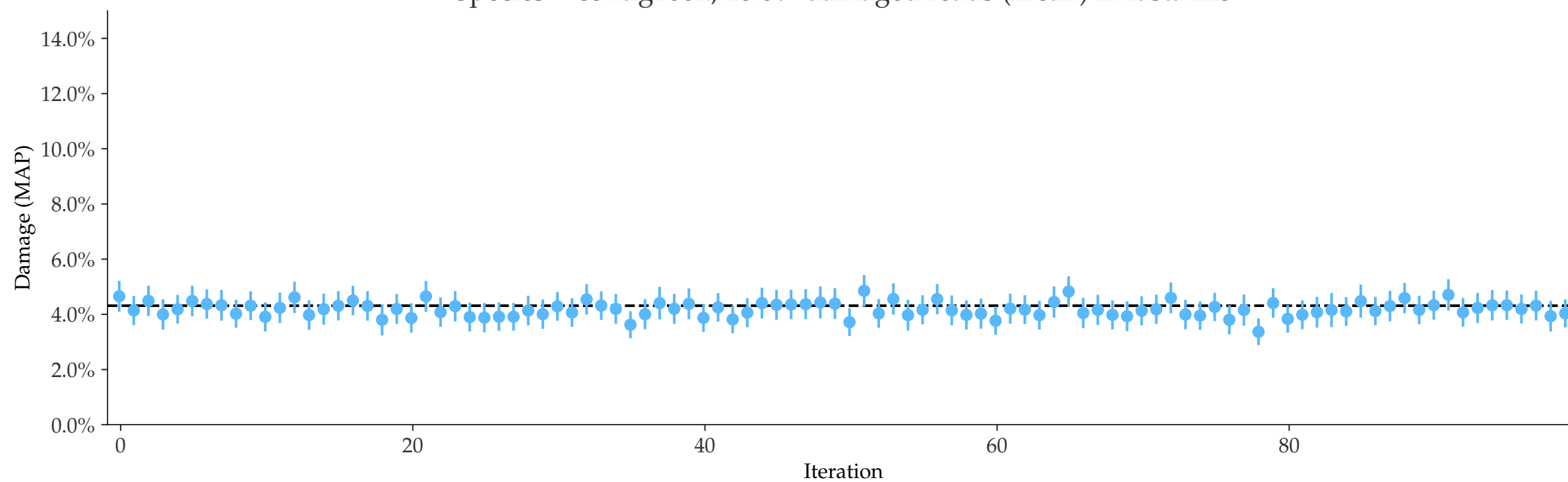Damage percent (approx) = 10%

Species = contig1k, 21.5% damaged reads (mean) in fasta file

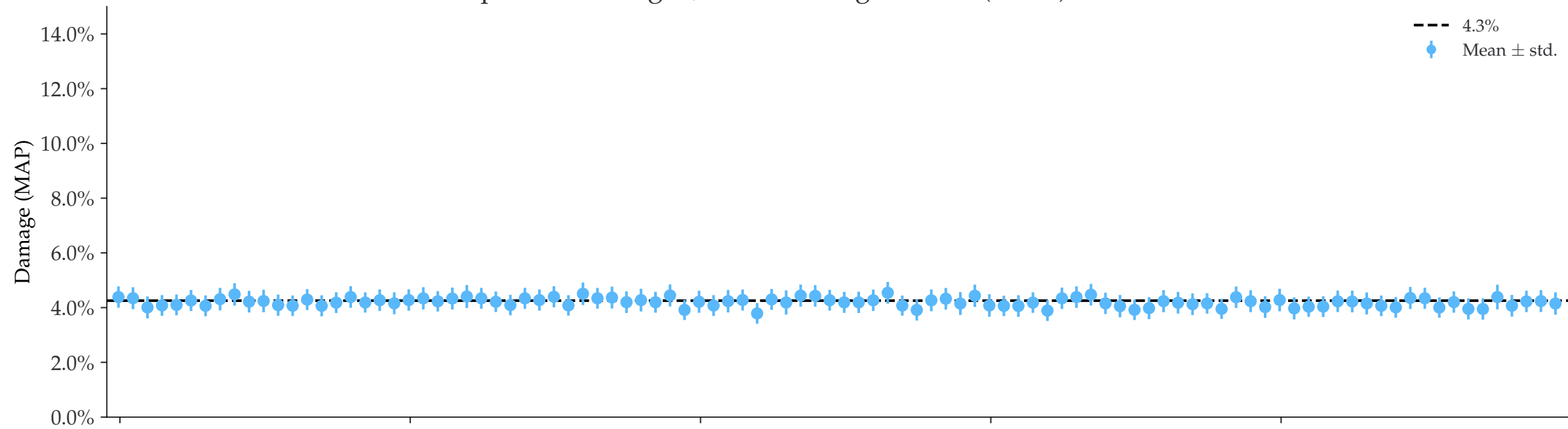Species = contig10k, 23.1% damaged reads (mean) in fasta file

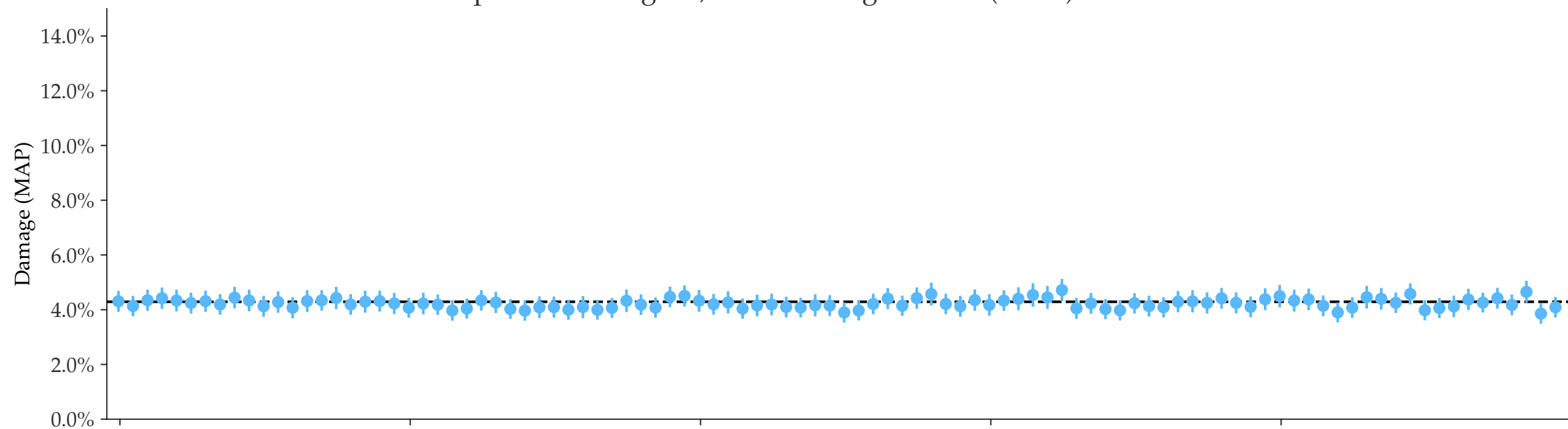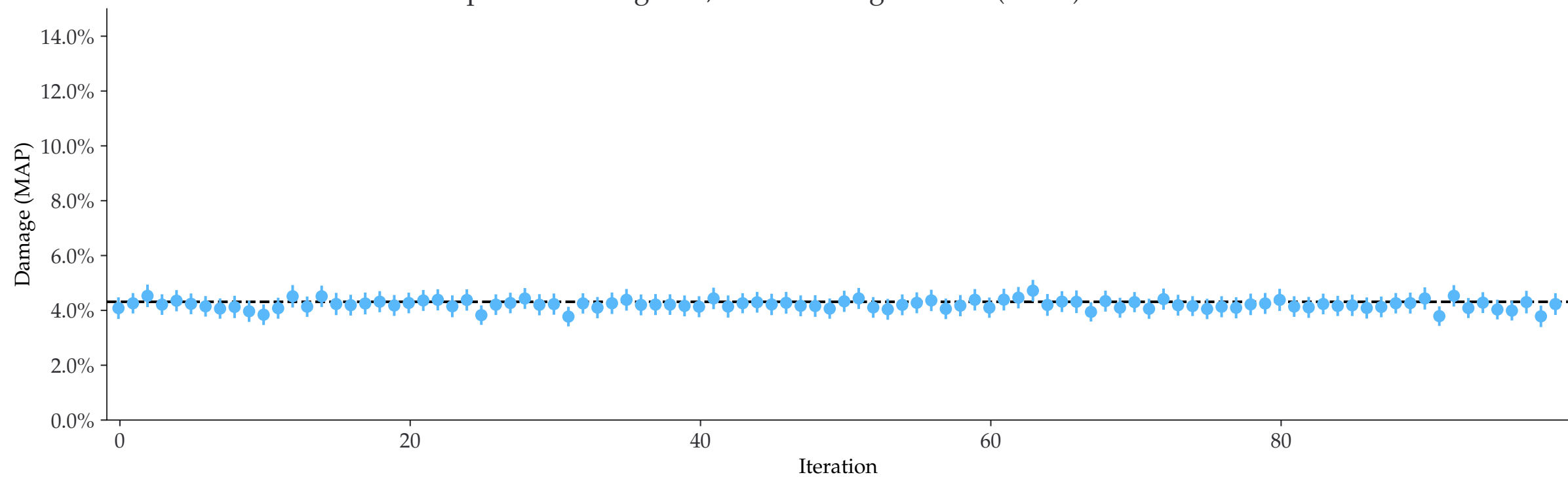Species = contig100k, 23.1% damaged reads (mean) in fasta file

Individual damages:
10 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Individual damages:
25 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Individual damages:
50 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Individual damages:
100 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Individual damages:
250 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Species = contig1k, 25.8% damaged reads (mean) in fasta file

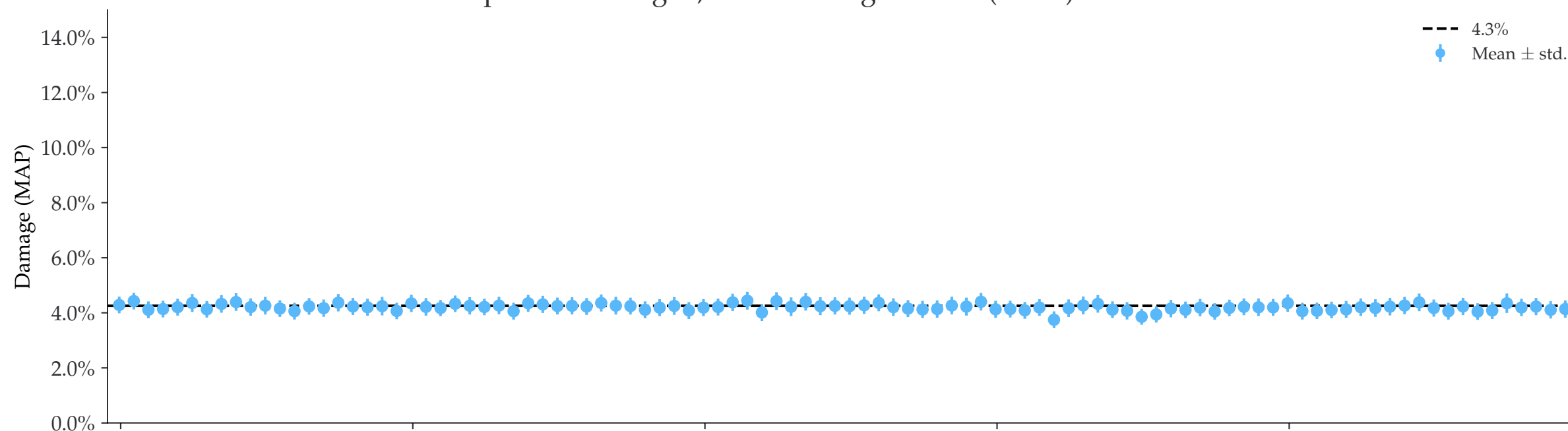Species = contig10k, 27.2% damaged reads (mean) in fasta file

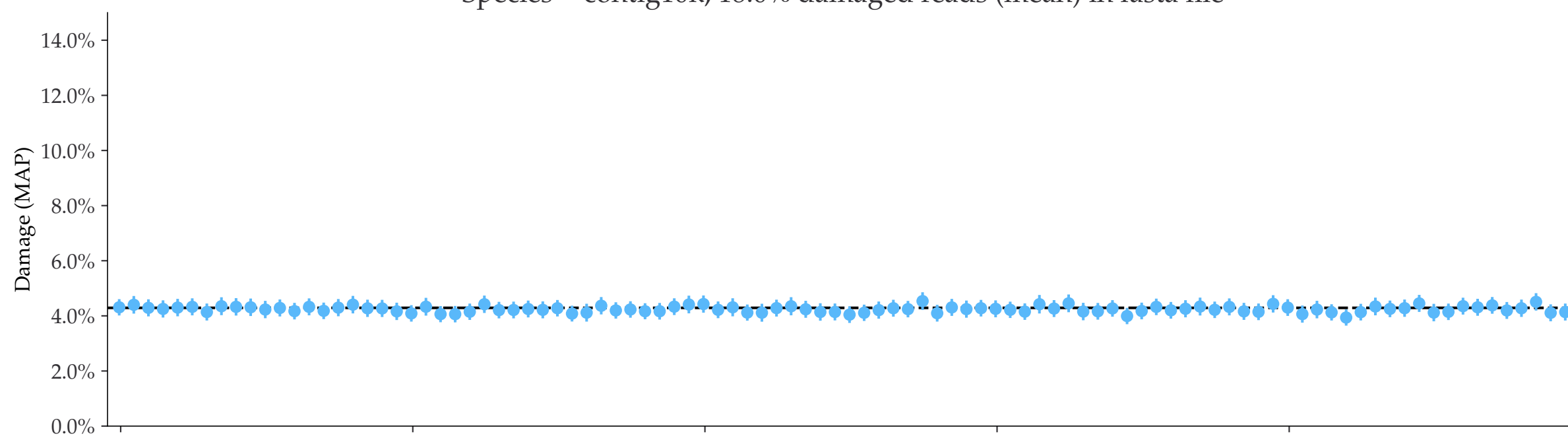Species = contig100k, 27.4% damaged reads (mean) in fasta file

Individual damages:
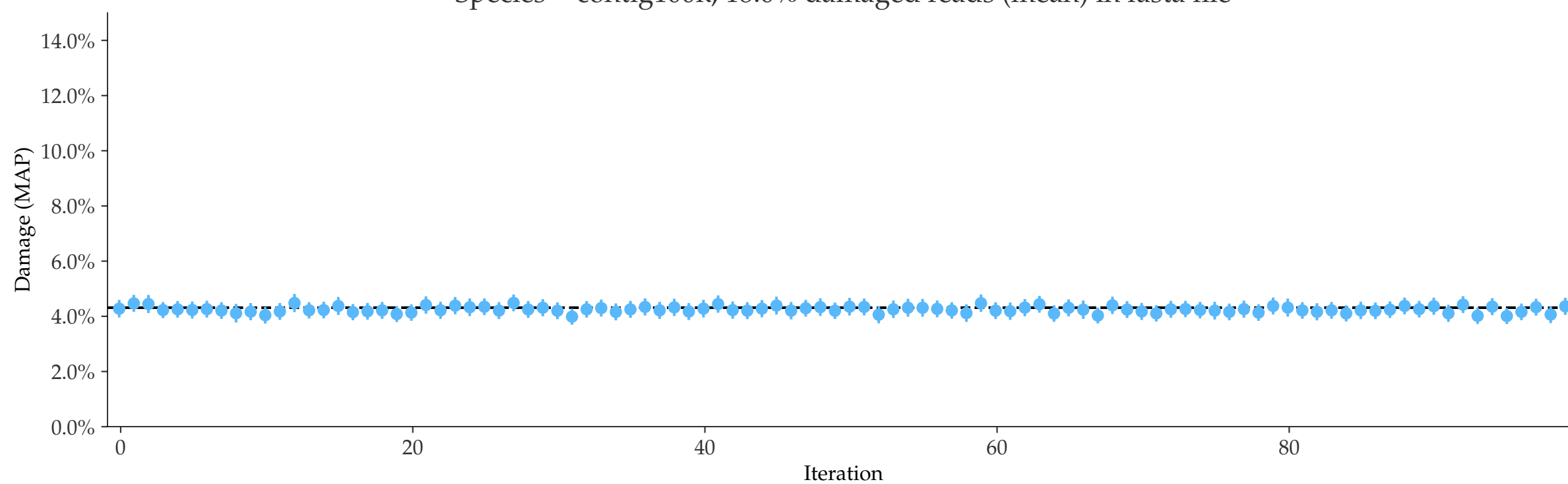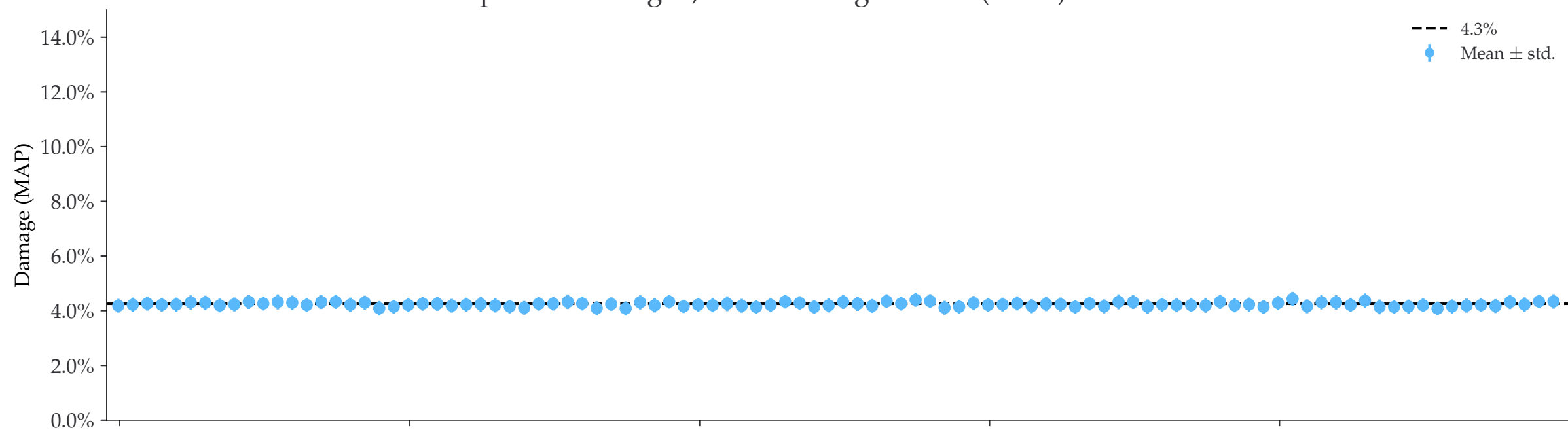500 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Individual damages:
1000 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Species = contig1k, 25.6% damaged reads (mean) in fasta file

Species = contig10k, 27.4% damaged reads (mean) in fasta file

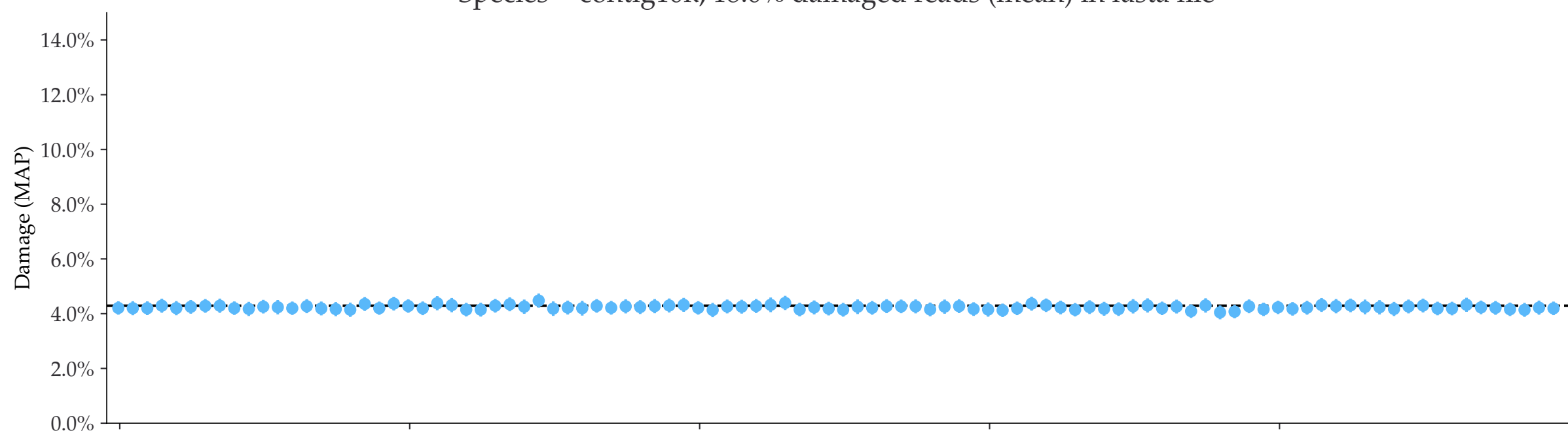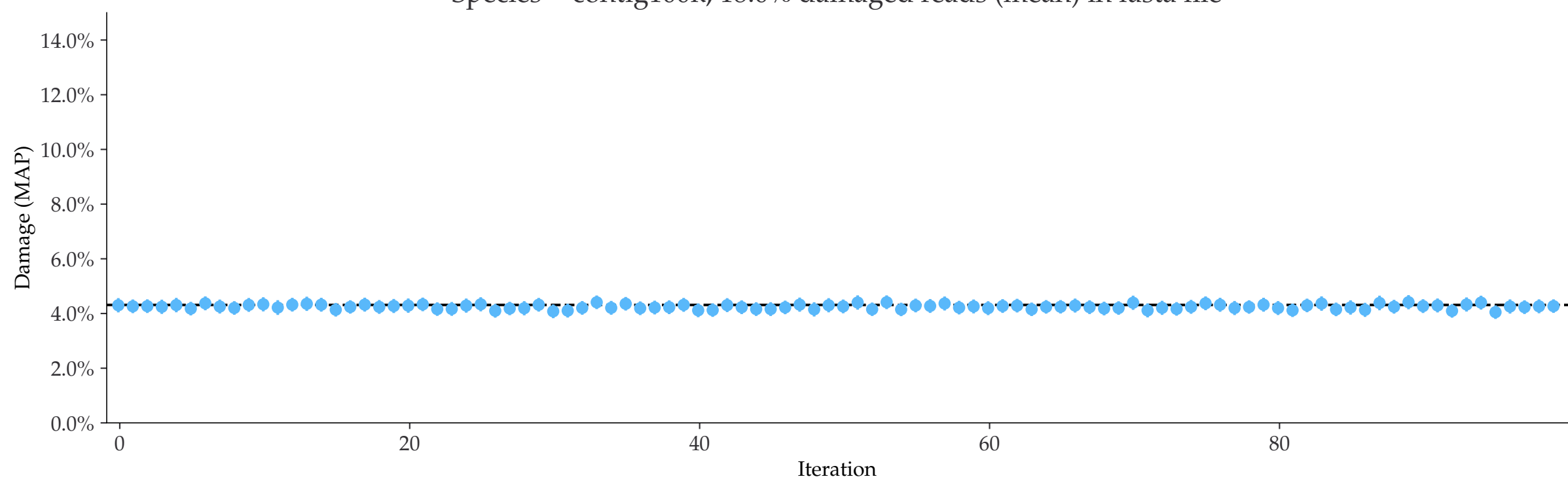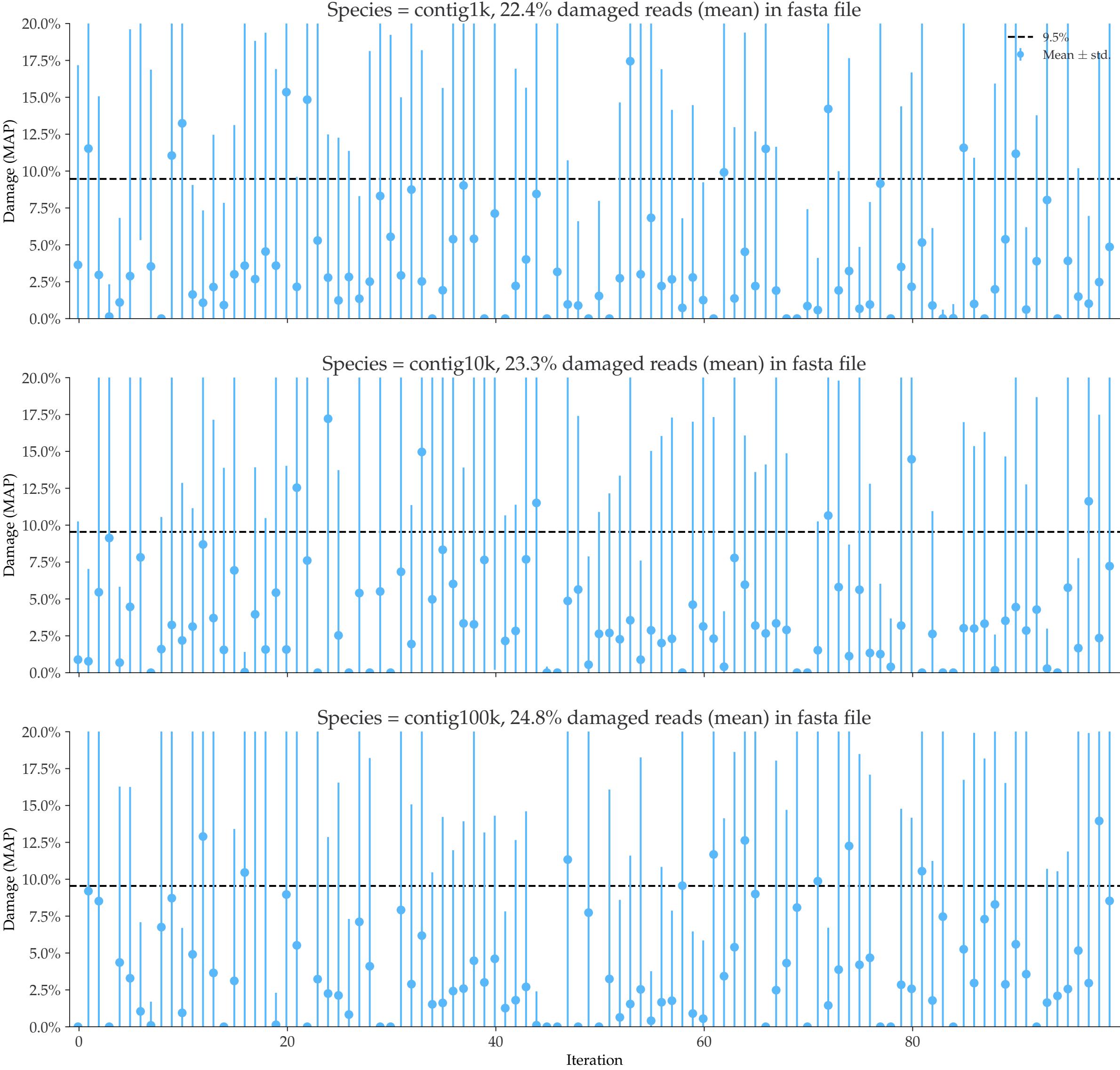Species = contig100k, 27.5% damaged reads (mean) in fasta file

Individual damages:
2500 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Species = contig1k, 25.7% damaged reads (mean) in fasta file

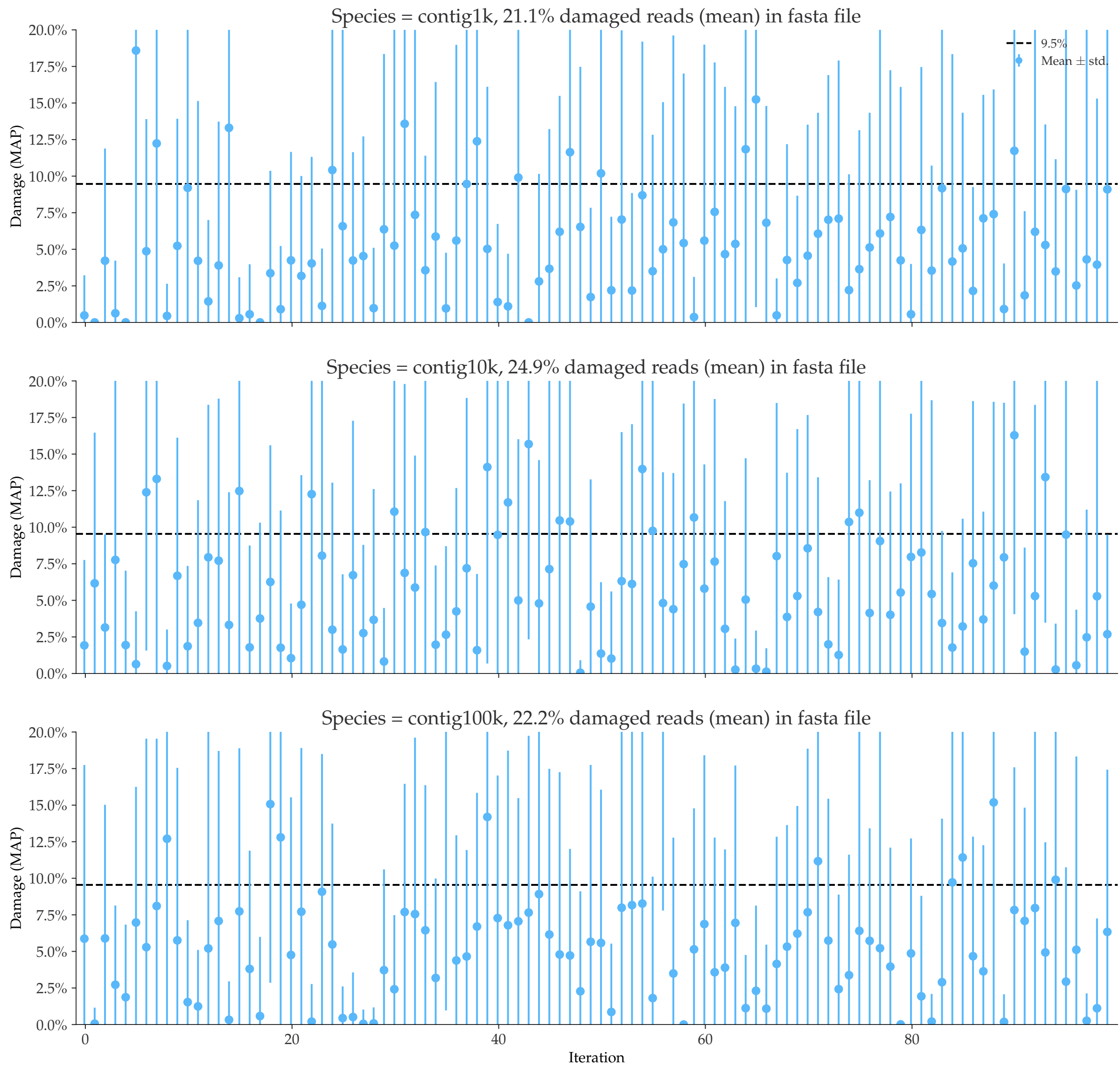Species = contig10k, 27.4% damaged reads (mean) in fasta file

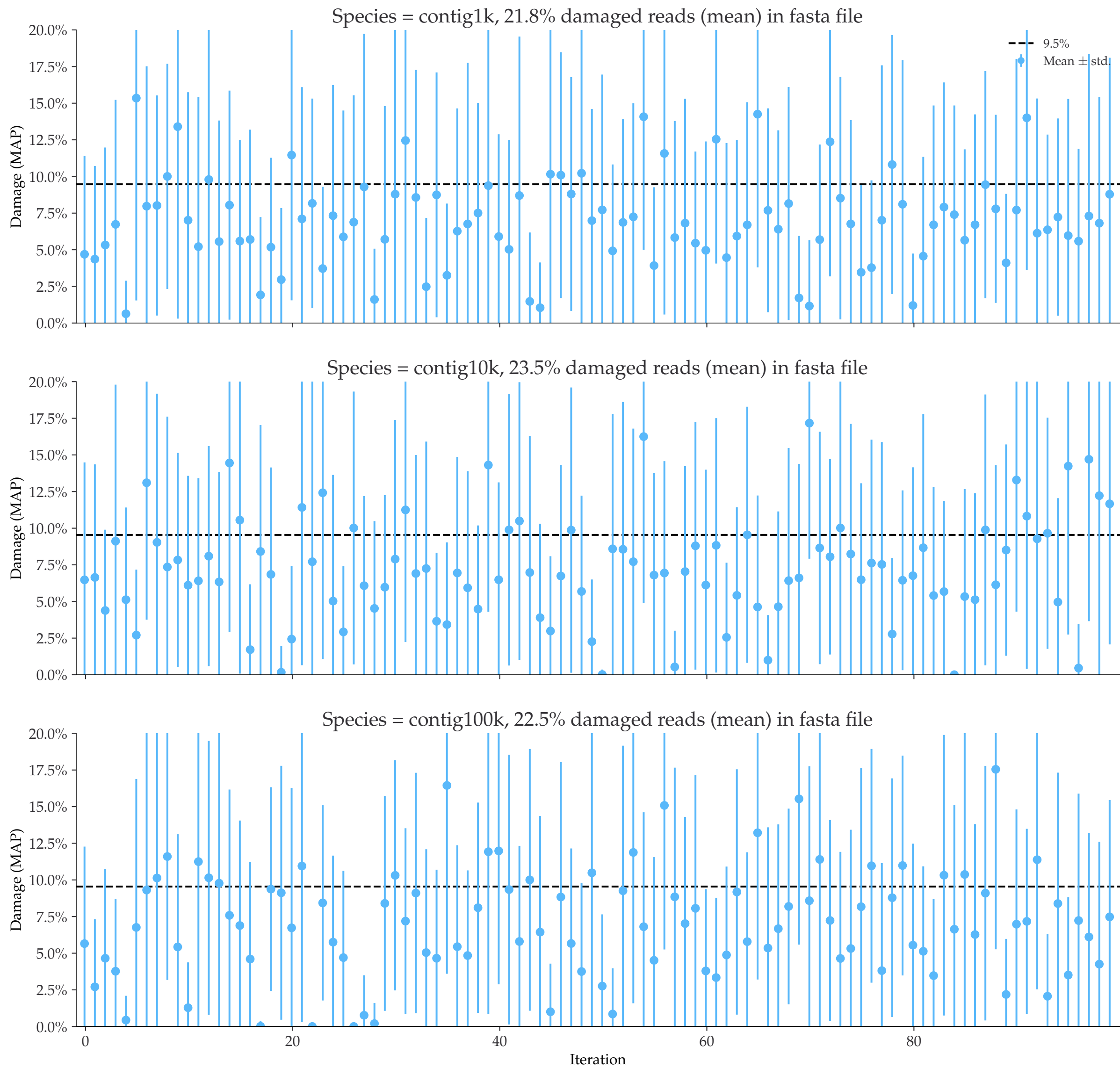Species = contig100k, 27.3% damaged reads (mean) in fasta file

Individual damages:
5000 reads
Briggs damage = 0.466
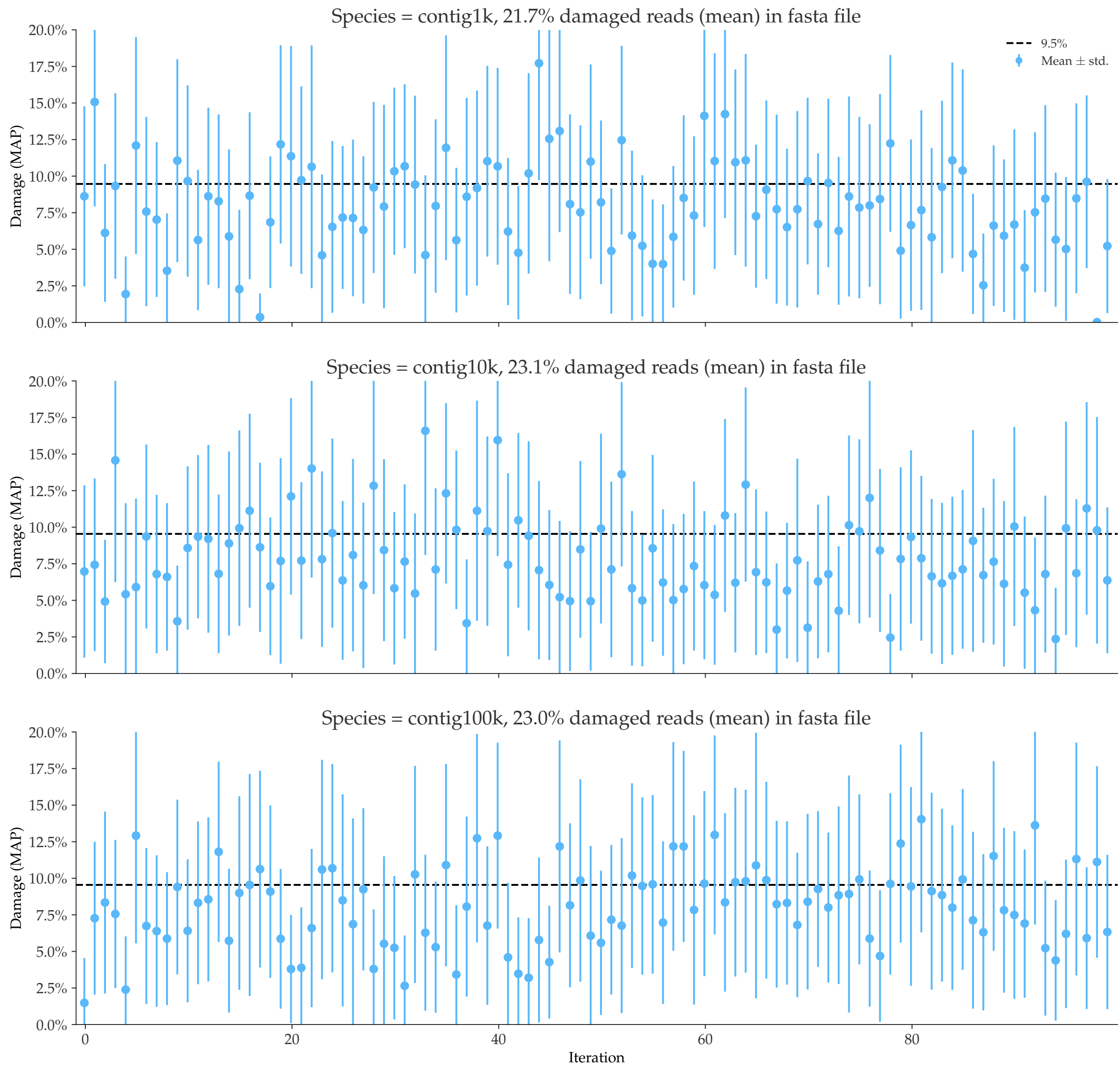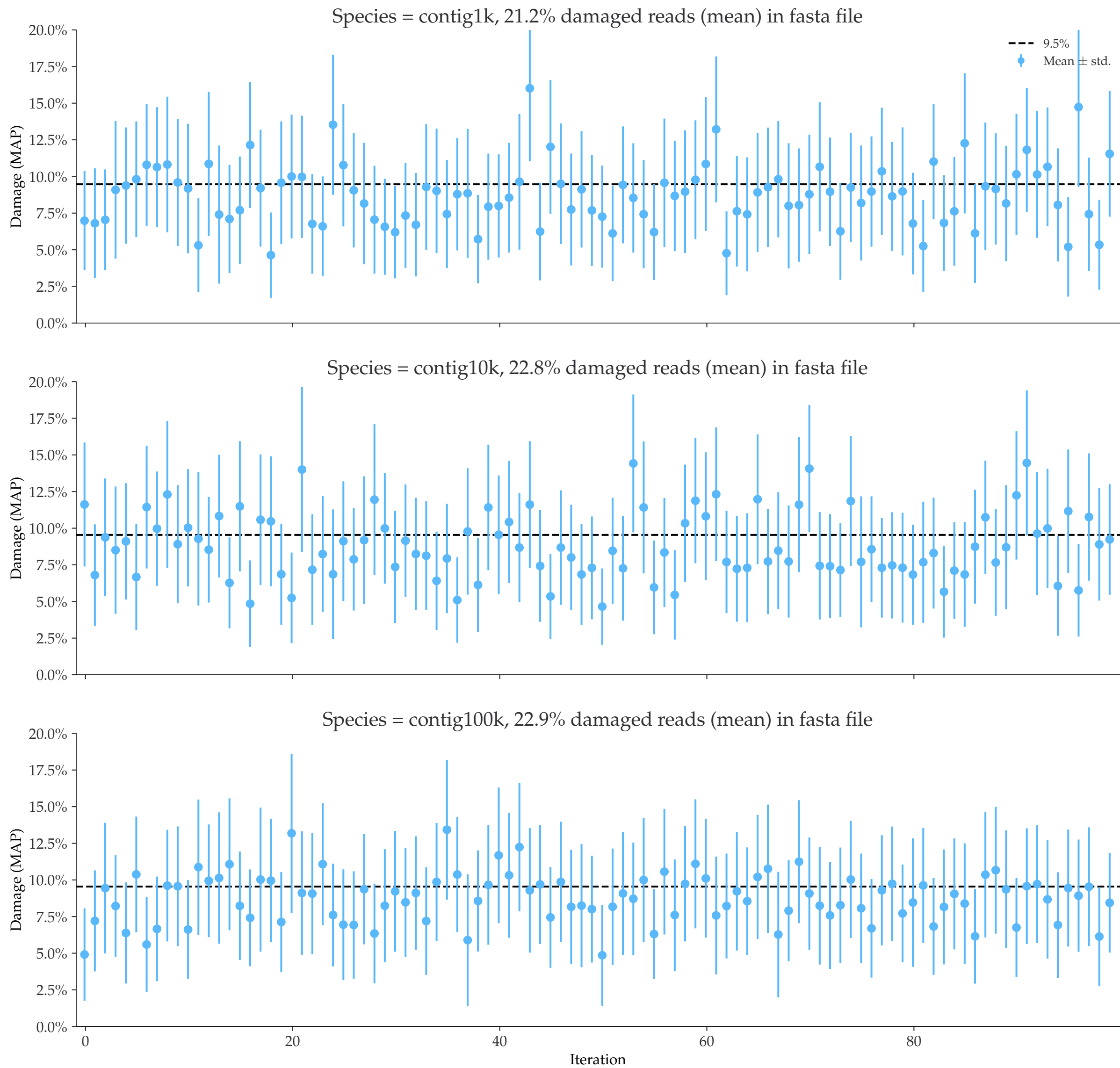Damage percent (approx) = 15%

Individual damages:
10000 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Species = contig1k, 25.7% damaged reads (mean) in fasta file

- - - 14.6%
● Mean ± std.

Species = contig10k, 27.4% damaged reads (mean) in fasta file

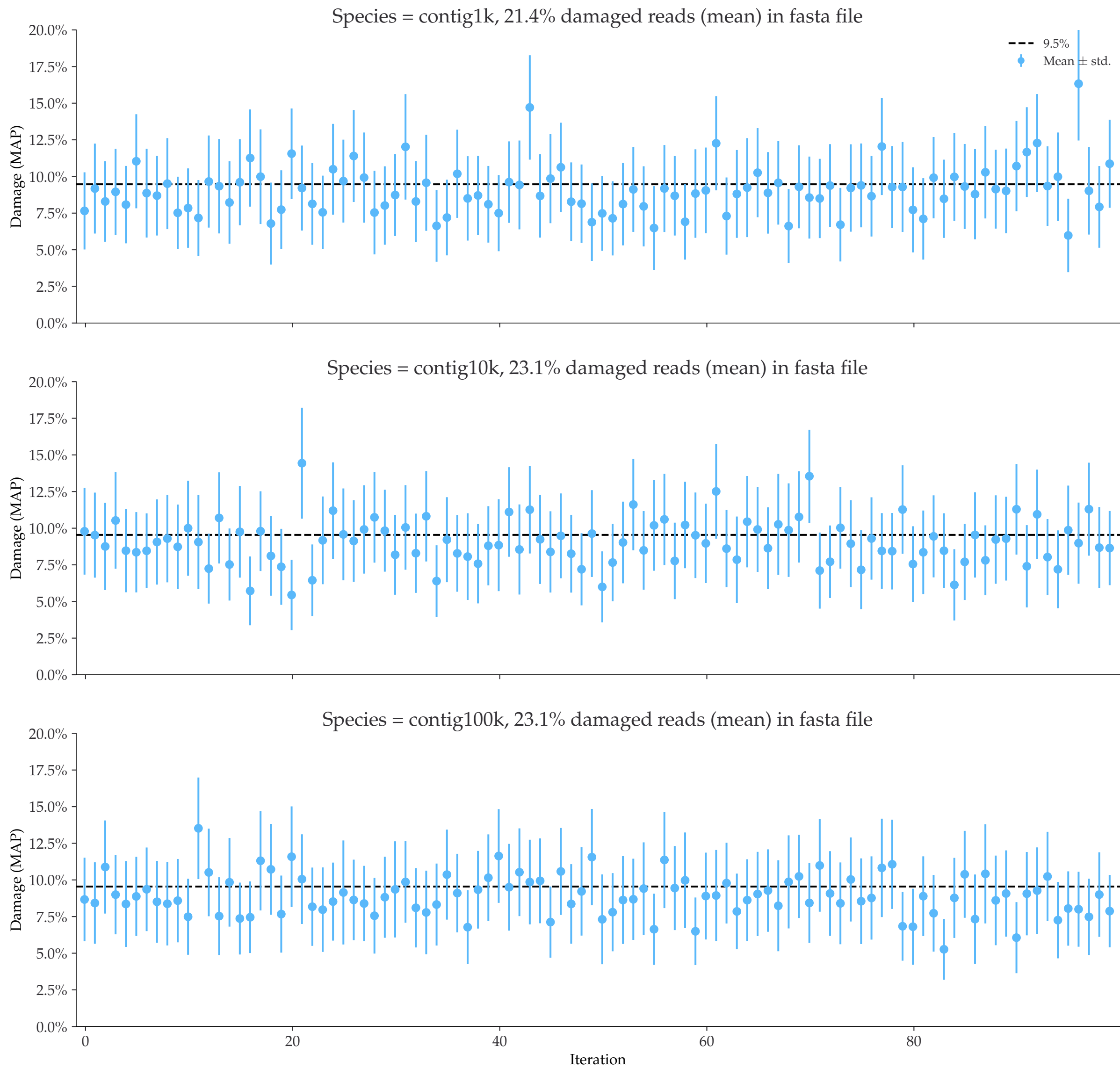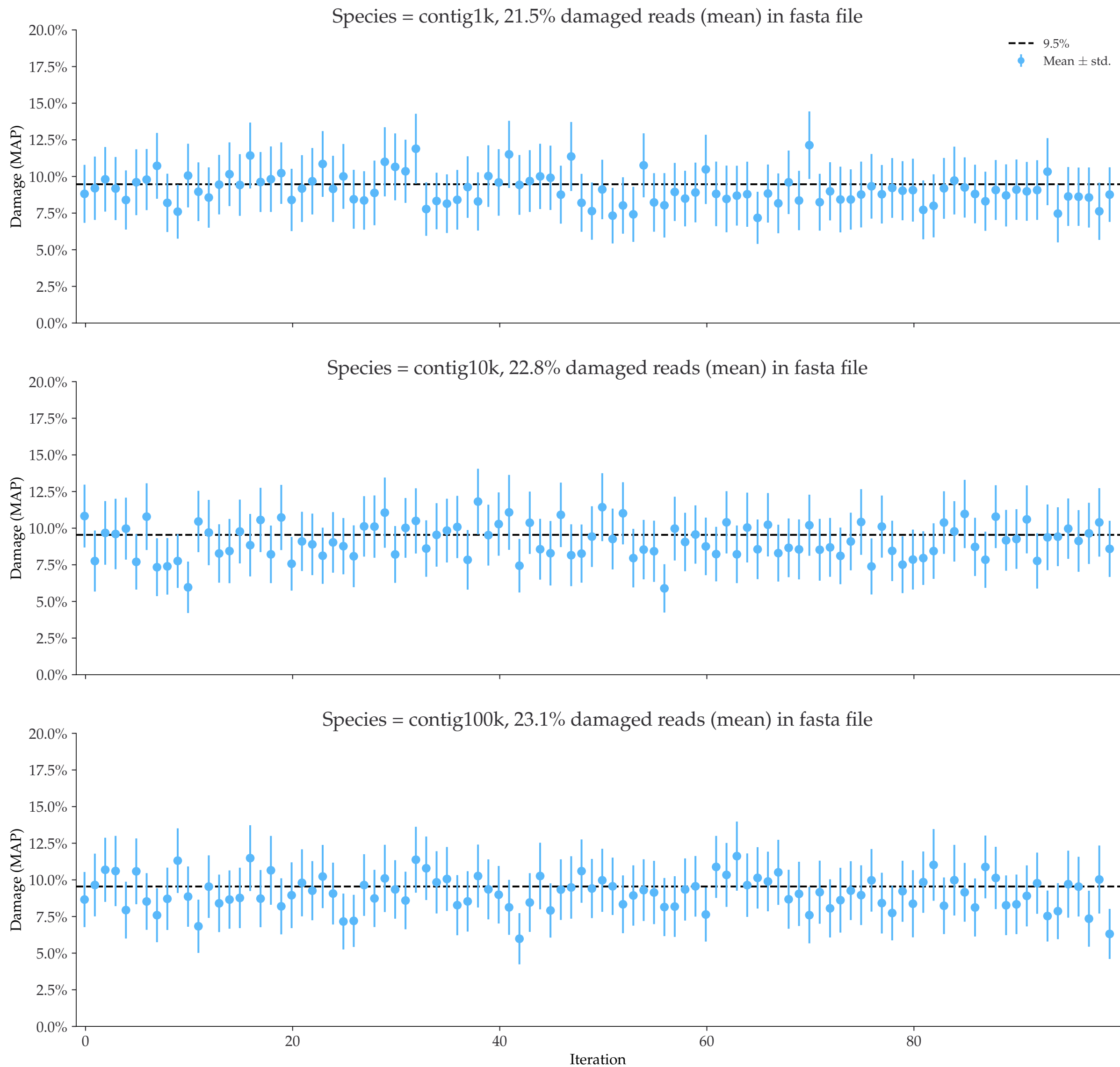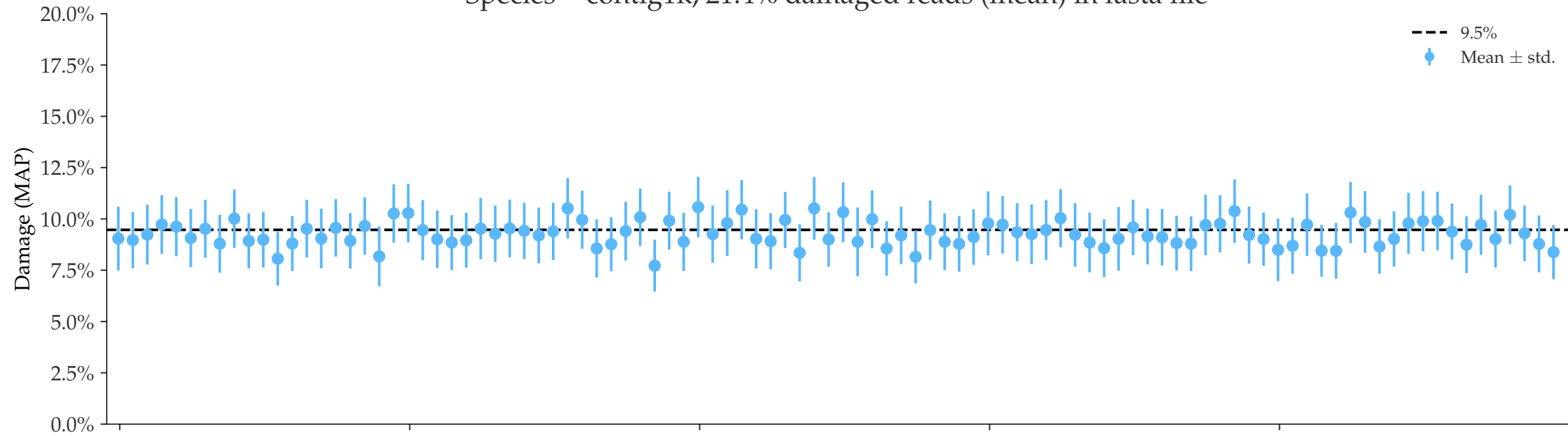Species = contig100k, 27.4% damaged reads (mean) in fasta file

Individual damages:
25000 reads
Briggs damage = 0.466
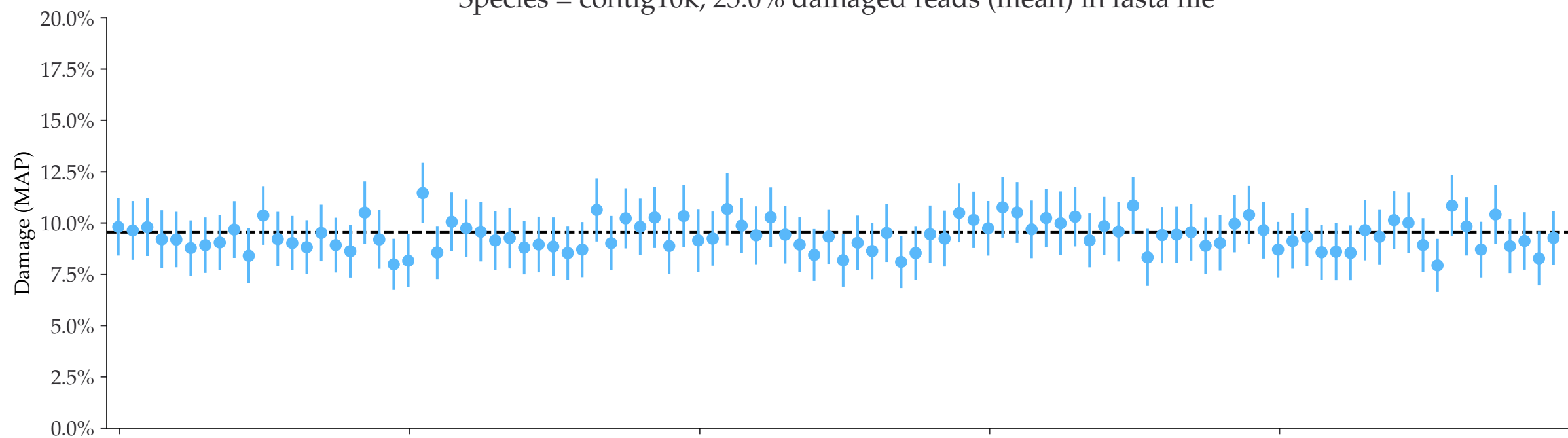Damage percent (approx) = 15%

Individual damages:
50000 reads
Briggs damage = 0.466
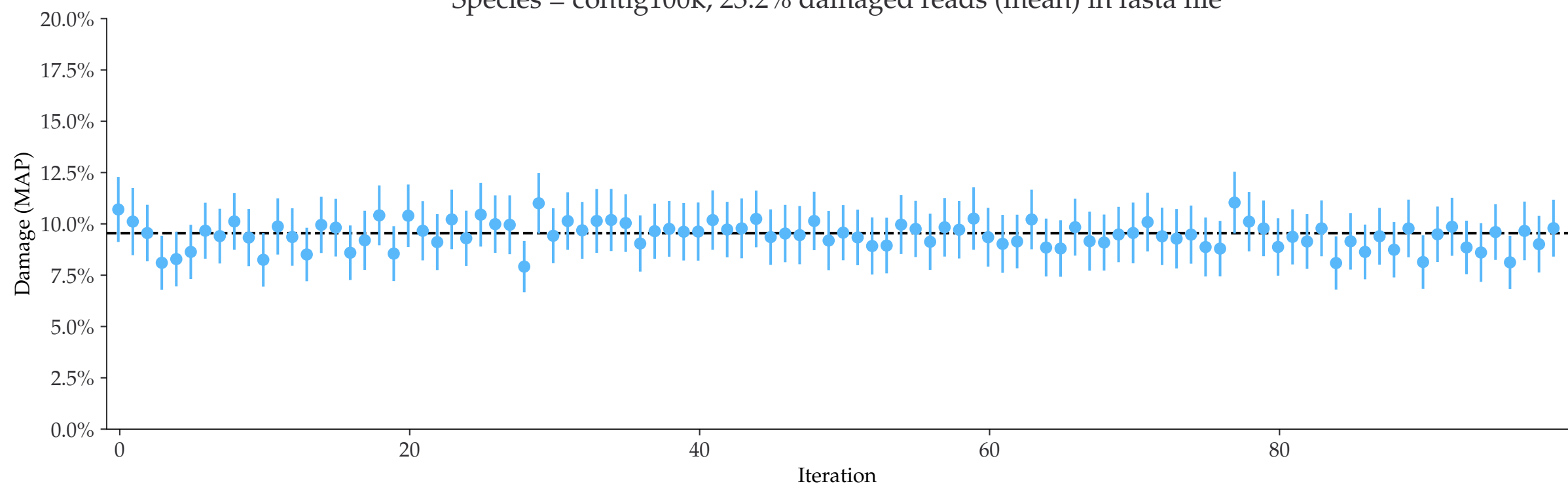Damage percent (approx) = 15%

Species = contig1k, 25.7% damaged reads (mean) in fasta file

Species = contig10k, 27.4% damaged reads (mean) in fasta file

Species = contig100k, 27.4% damaged reads (mean) in fasta file

Individual damages:
100000 reads
Briggs damage = 0.466
Damage percent (approx) = 15%

Individual damages:
10 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Individual damages:
25 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Individual damages:
50 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 27.9% damaged reads (mean) in fasta file

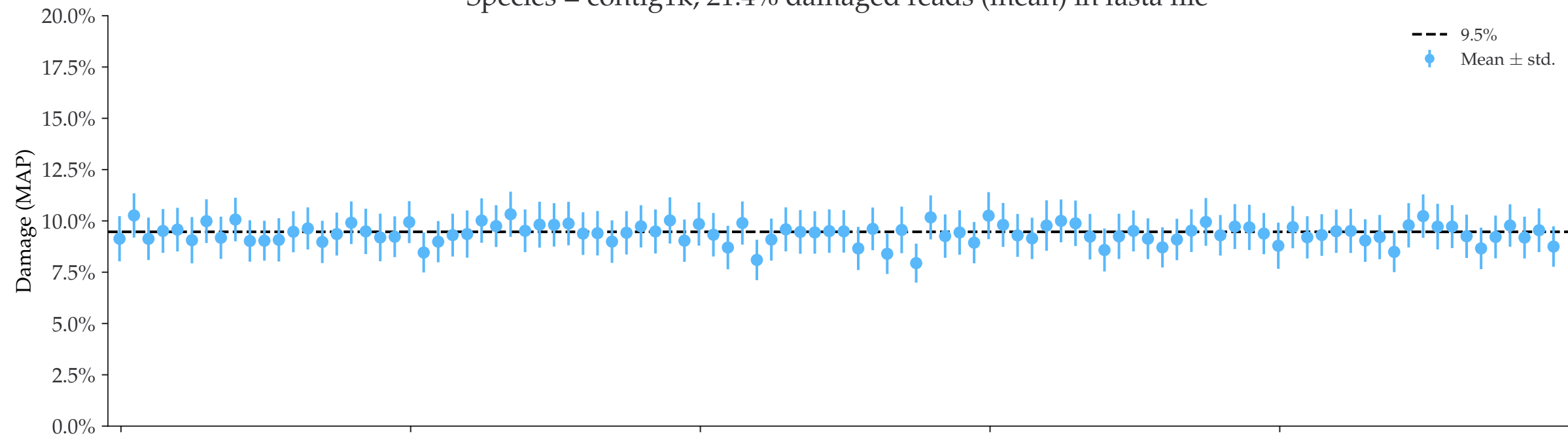Species = contig10k, 31.6% damaged reads (mean) in fasta file

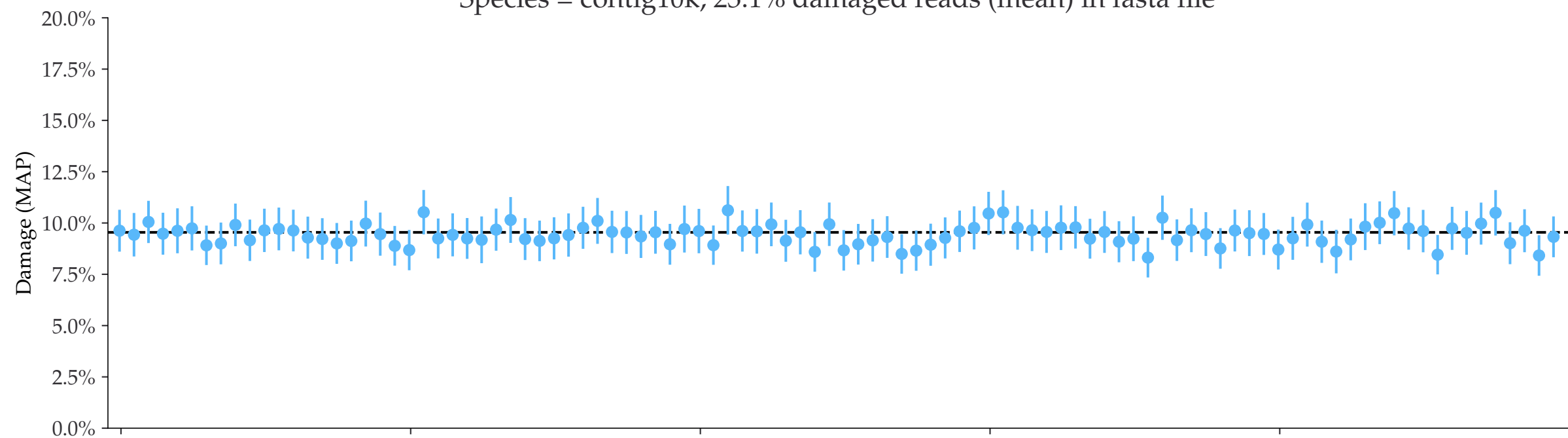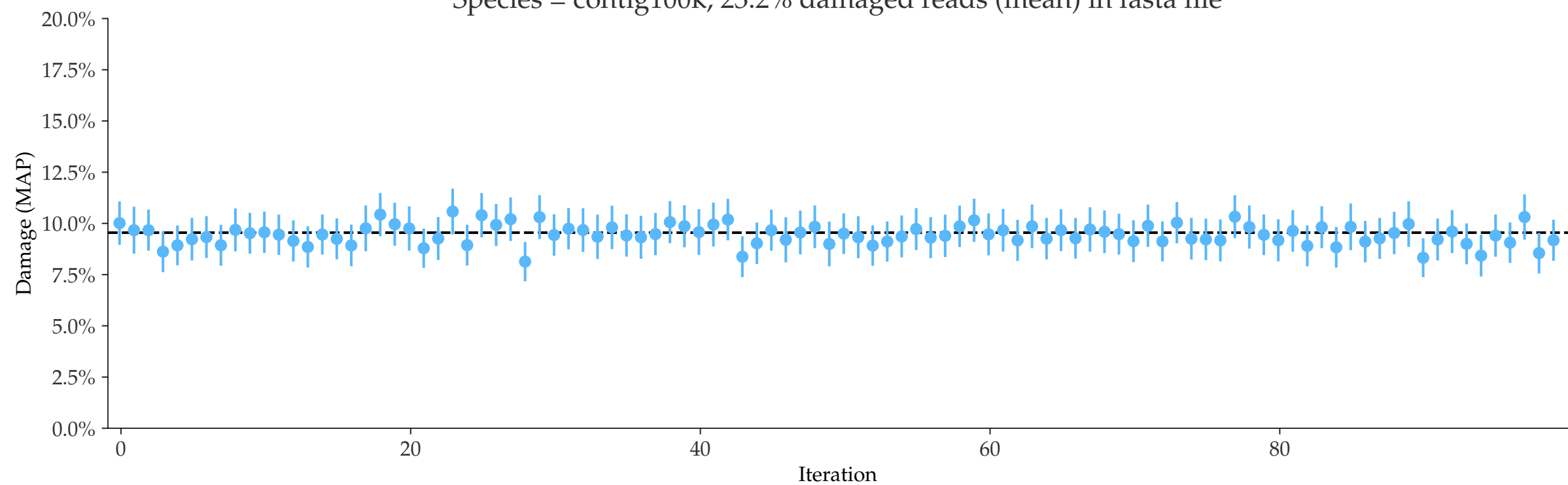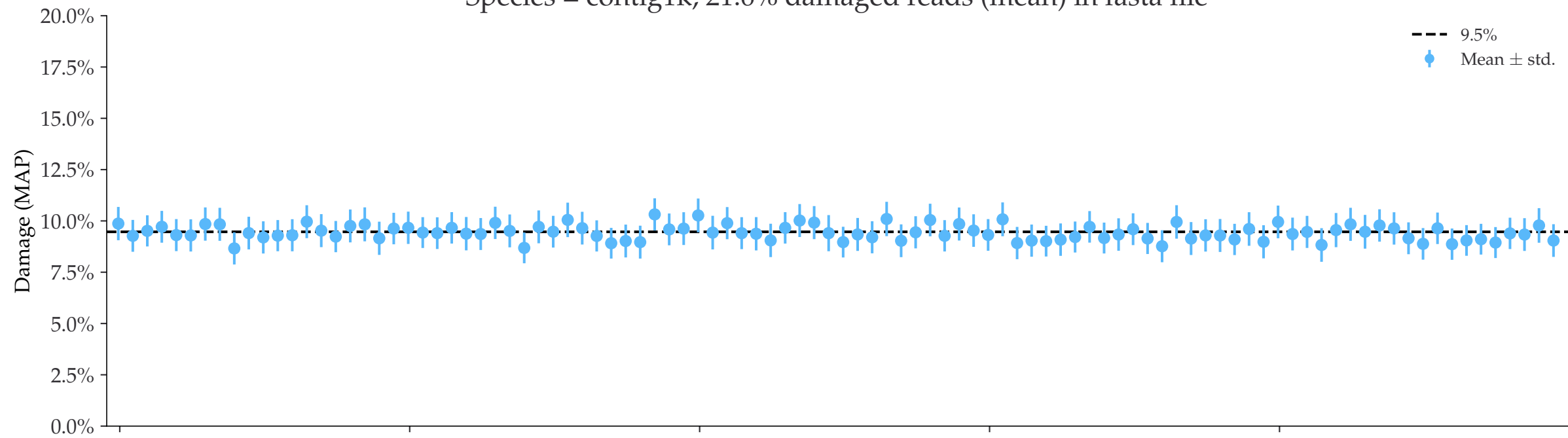Species = contig100k, 32.0% damaged reads (mean) in fasta file

Individual damages:
100 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 28.8% damaged reads (mean) in fasta file

Species = contig10k, 31.9% damaged reads (mean) in fasta file

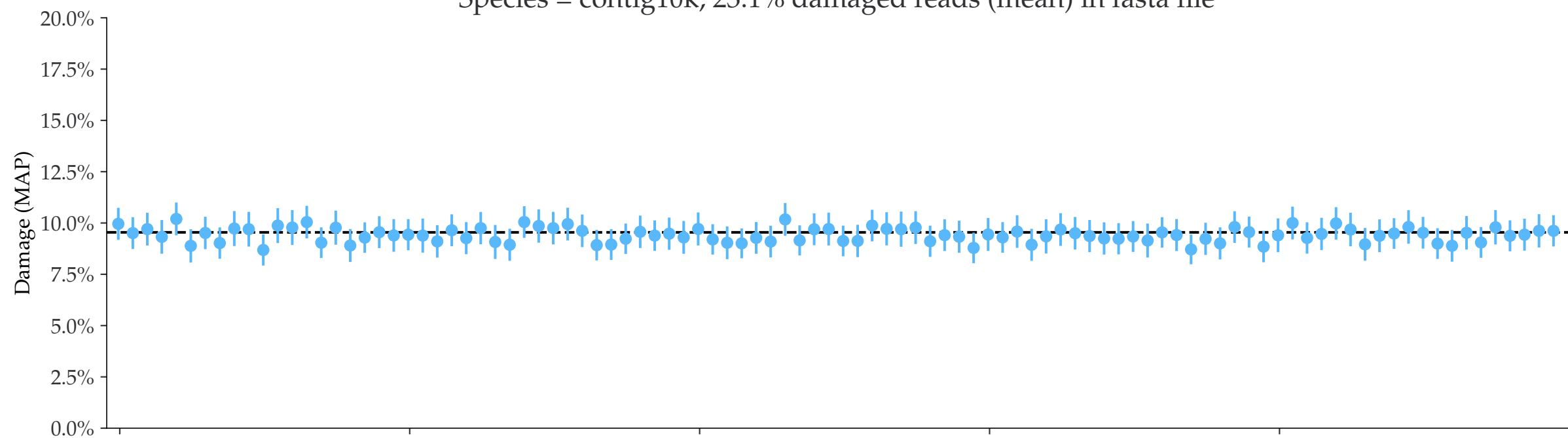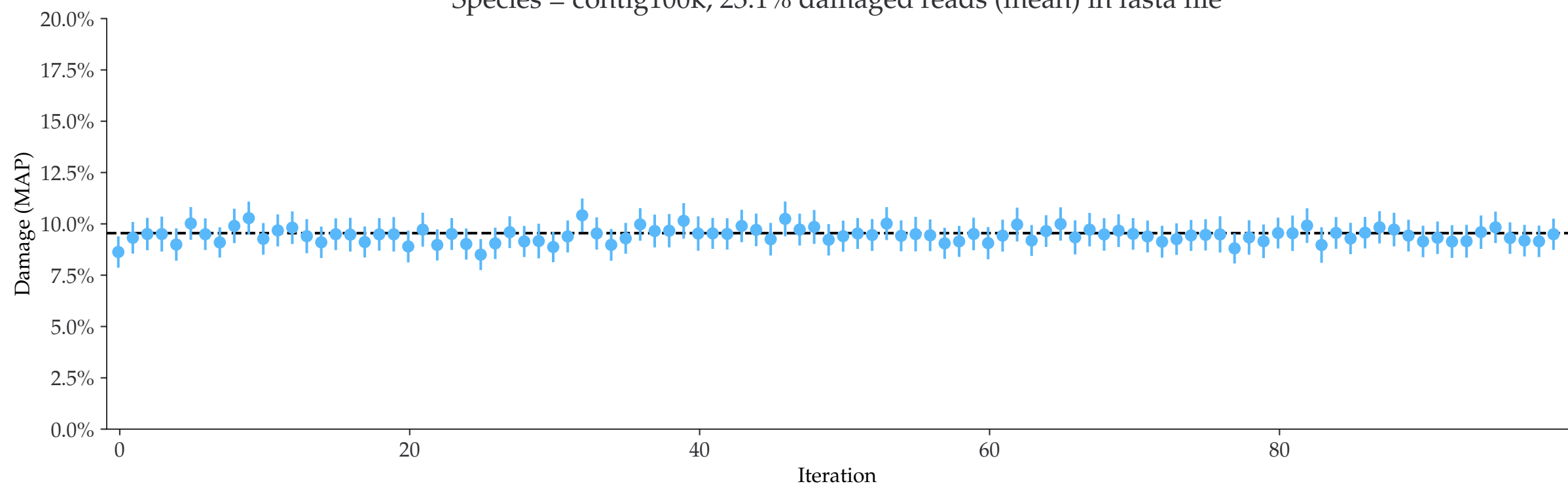Species = contig100k, 31.0% damaged reads (mean) in fasta file

Individual damages:
250 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 29.2% damaged reads (mean) in fasta file

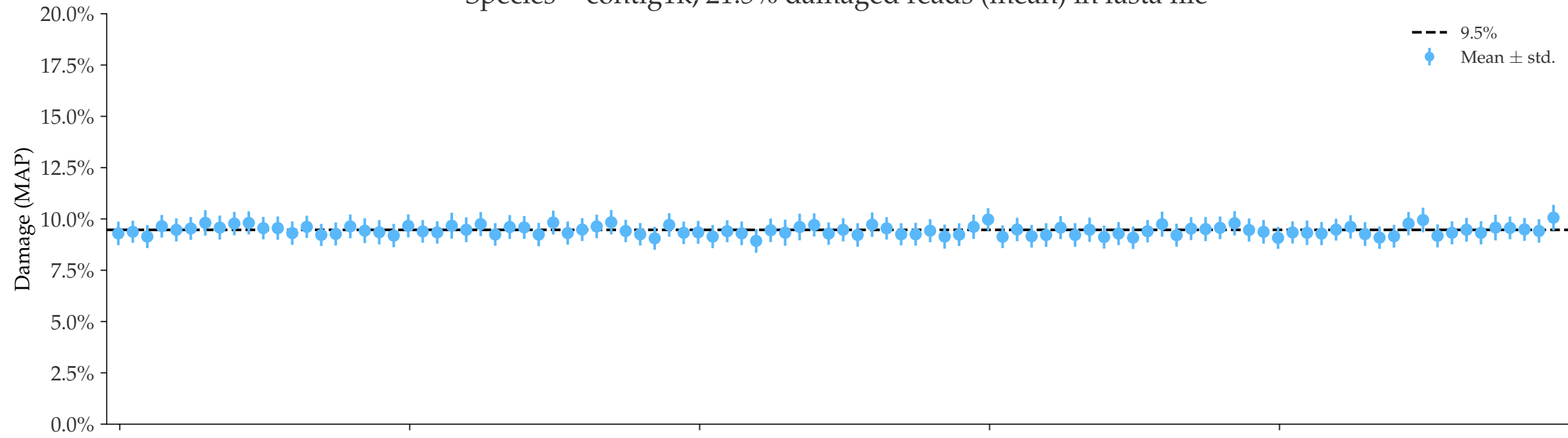Species = contig10k, 31.3% damaged reads (mean) in fasta file

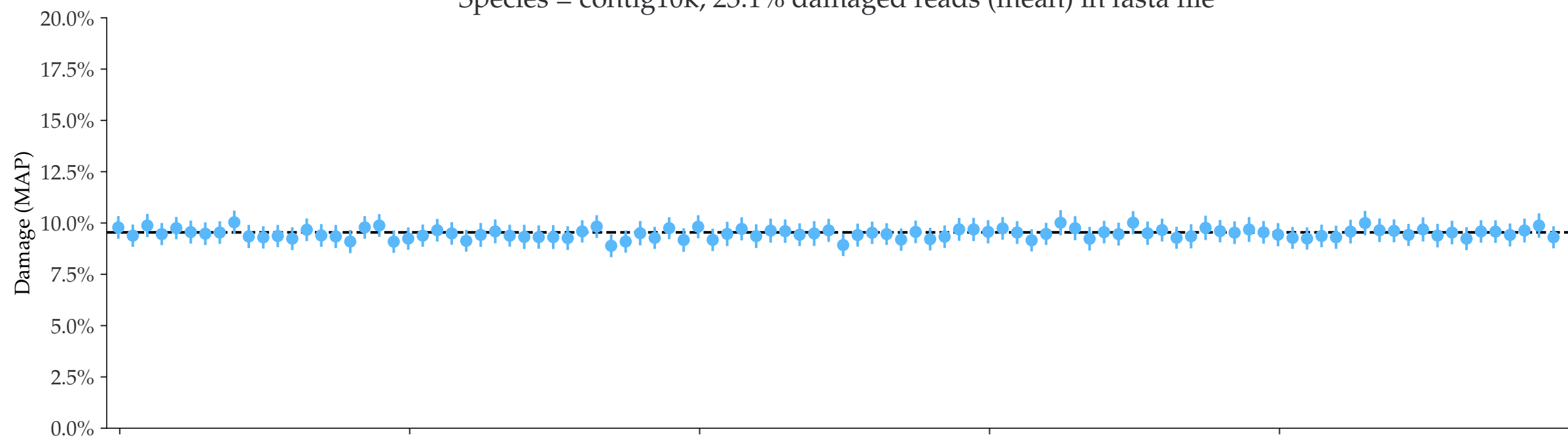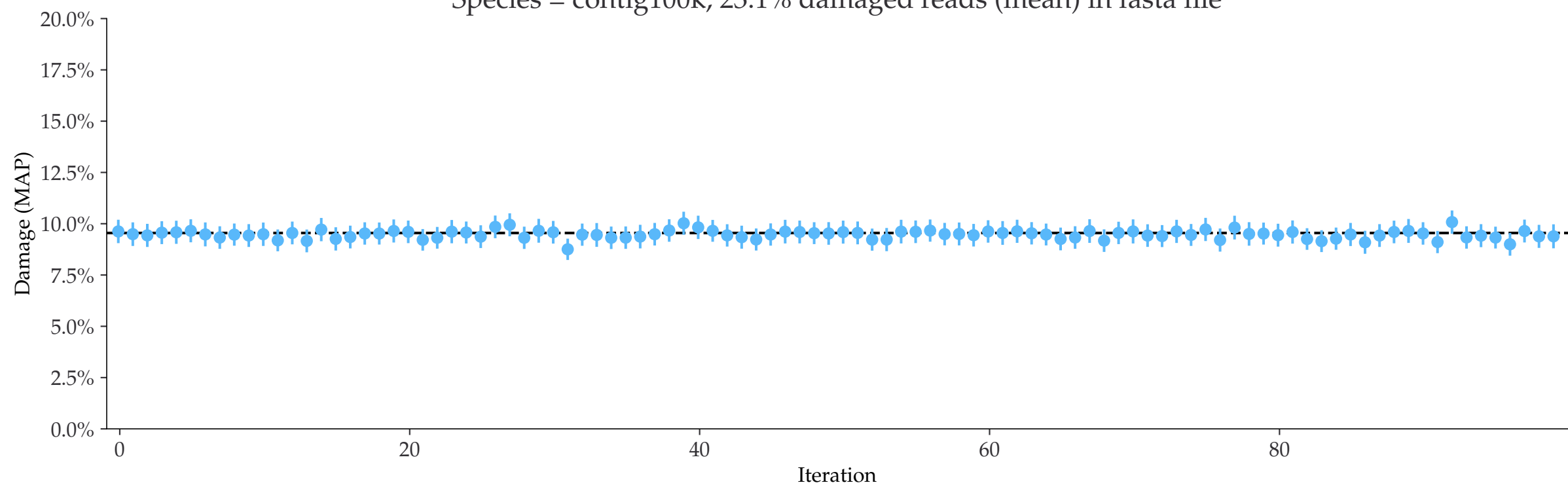Species = contig100k, 31.6% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

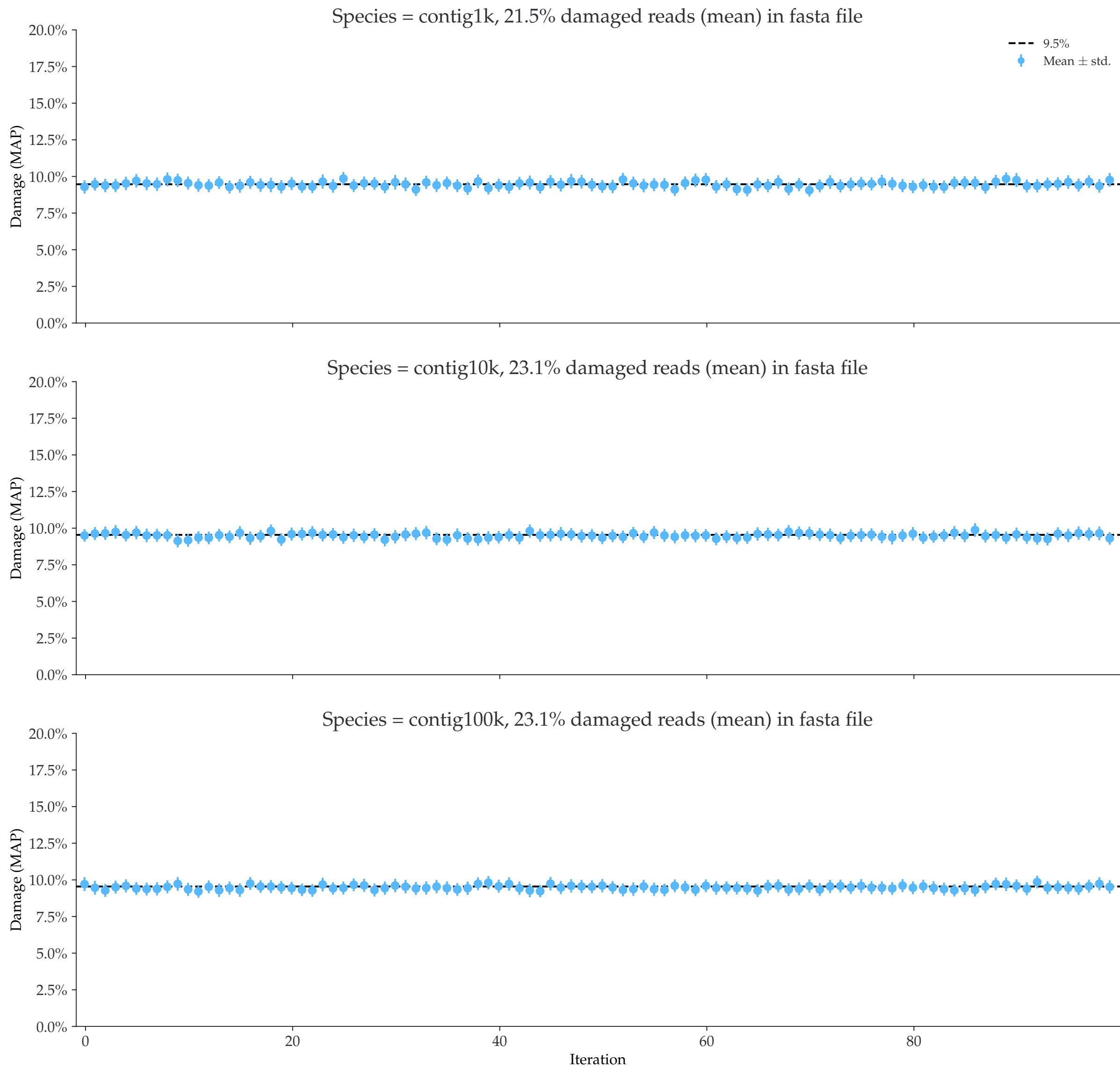Species = contig1k, 29.4% damaged reads (mean) in fasta file

Species = contig10k, 31.2% damaged reads (mean) in fasta file

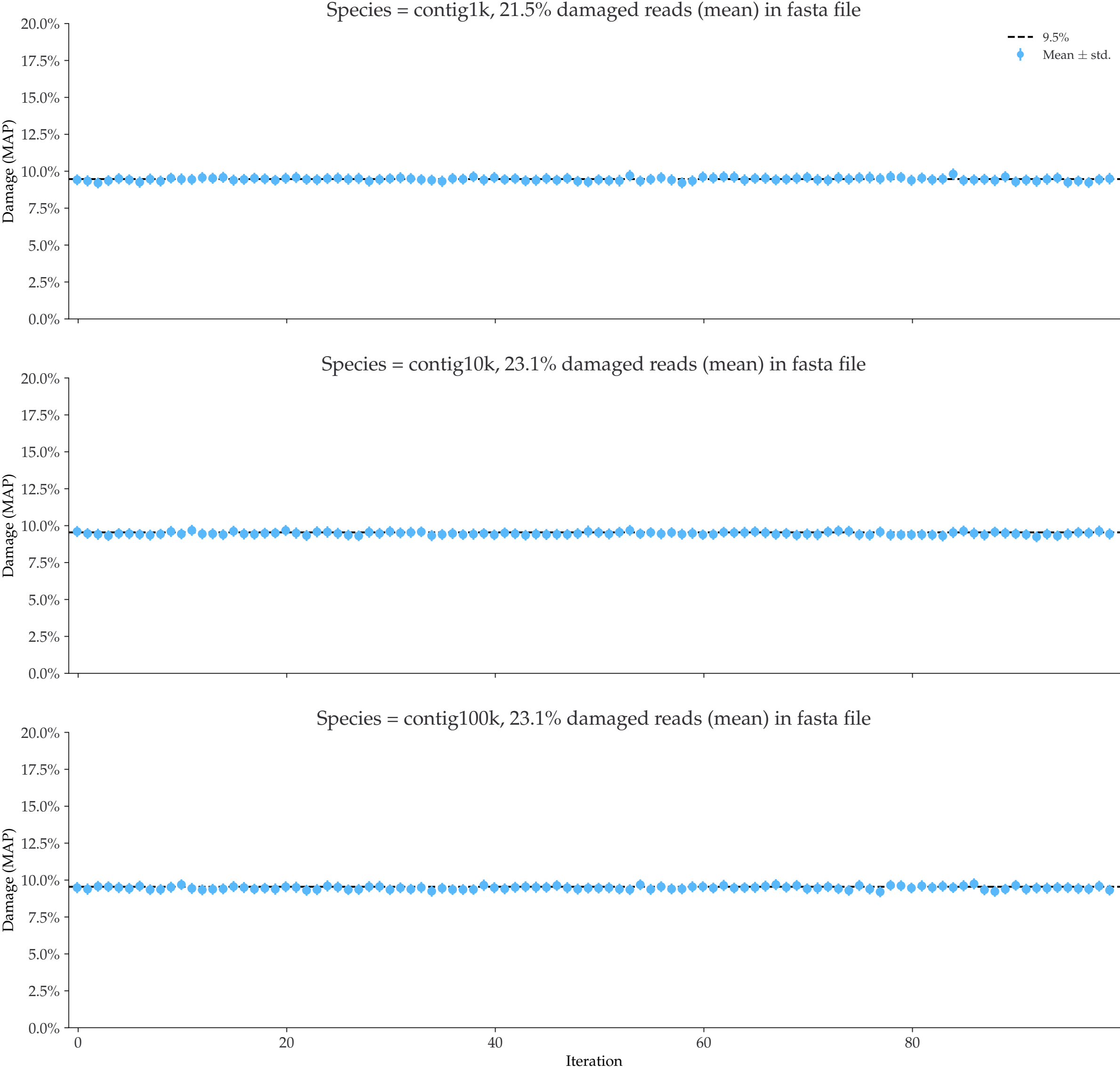Species = contig100k, 31.4% damaged reads (mean) in fasta file

Individual damages:
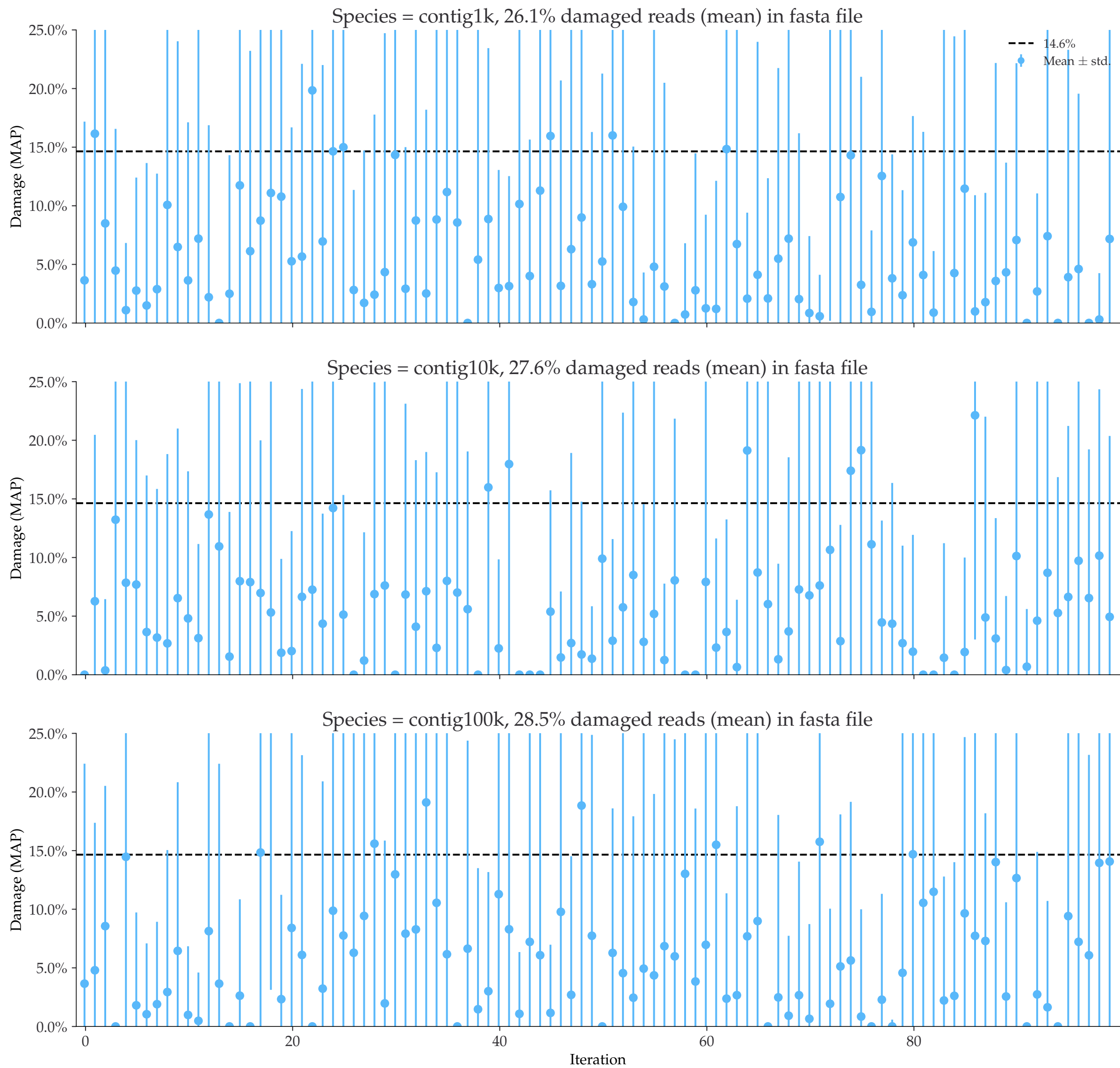1000 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 29.0% damaged reads (mean) in fasta file

Species = contig10k, 31.1% damaged reads (mean) in fasta file

Species = contig100k, 31.1% damaged reads (mean) in fasta file

Individual damages:
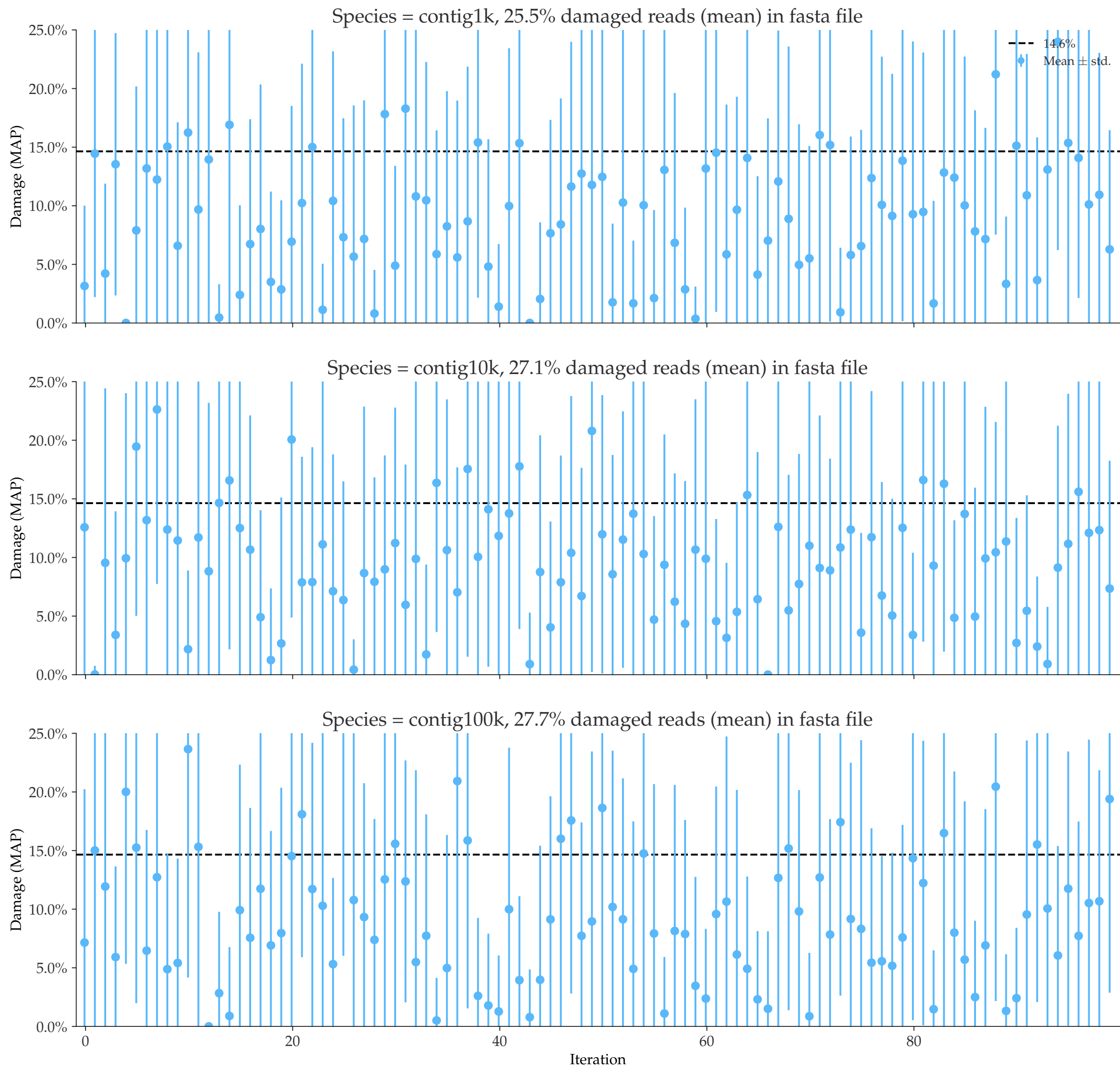2500 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 29.3% damaged reads (mean) in fasta file

Species = contig10k, 31.2% damaged reads (mean) in fasta file

Species = contig100k, 31.0% damaged reads (mean) in fasta file

Individual damages:
5000 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 29.3% damaged reads (mean) in fasta file

Species = contig10k, 31.1% damaged reads (mean) in fasta file

Species = contig100k, 31.0% damaged reads (mean) in fasta file

Individual damages:
10000 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 29.3% damaged reads (mean) in fasta file

Species = contig10k, 31.0% damaged reads (mean) in fasta file

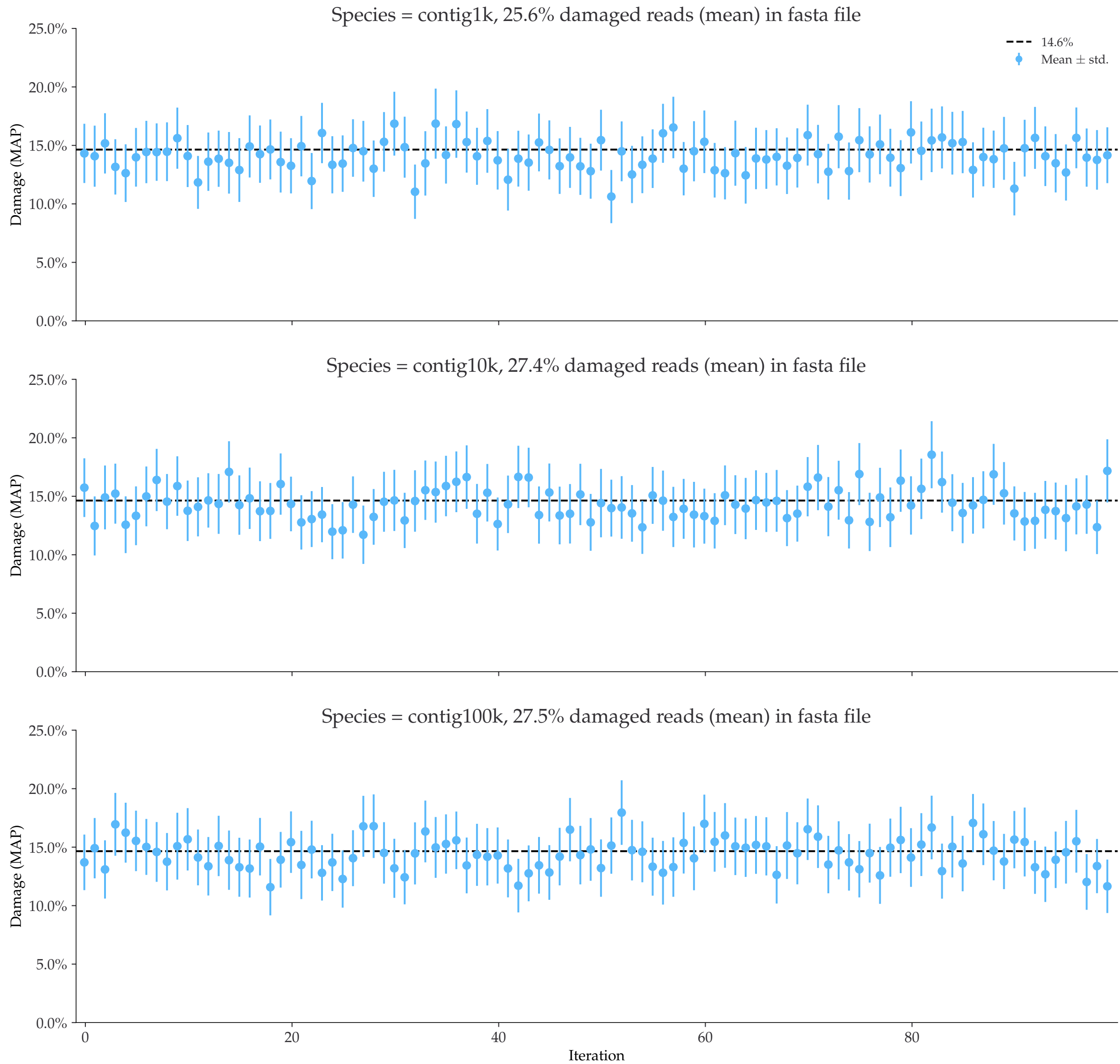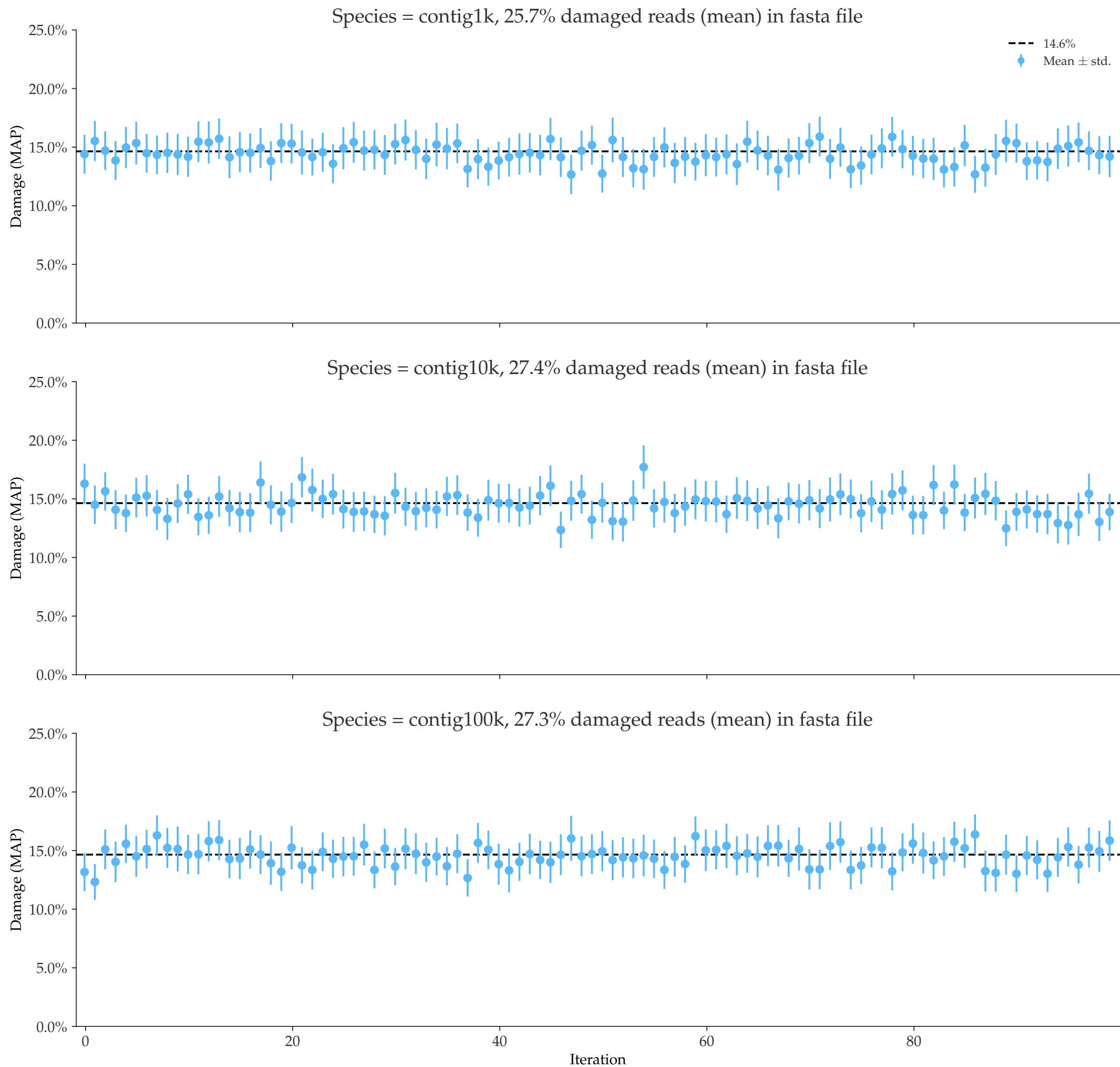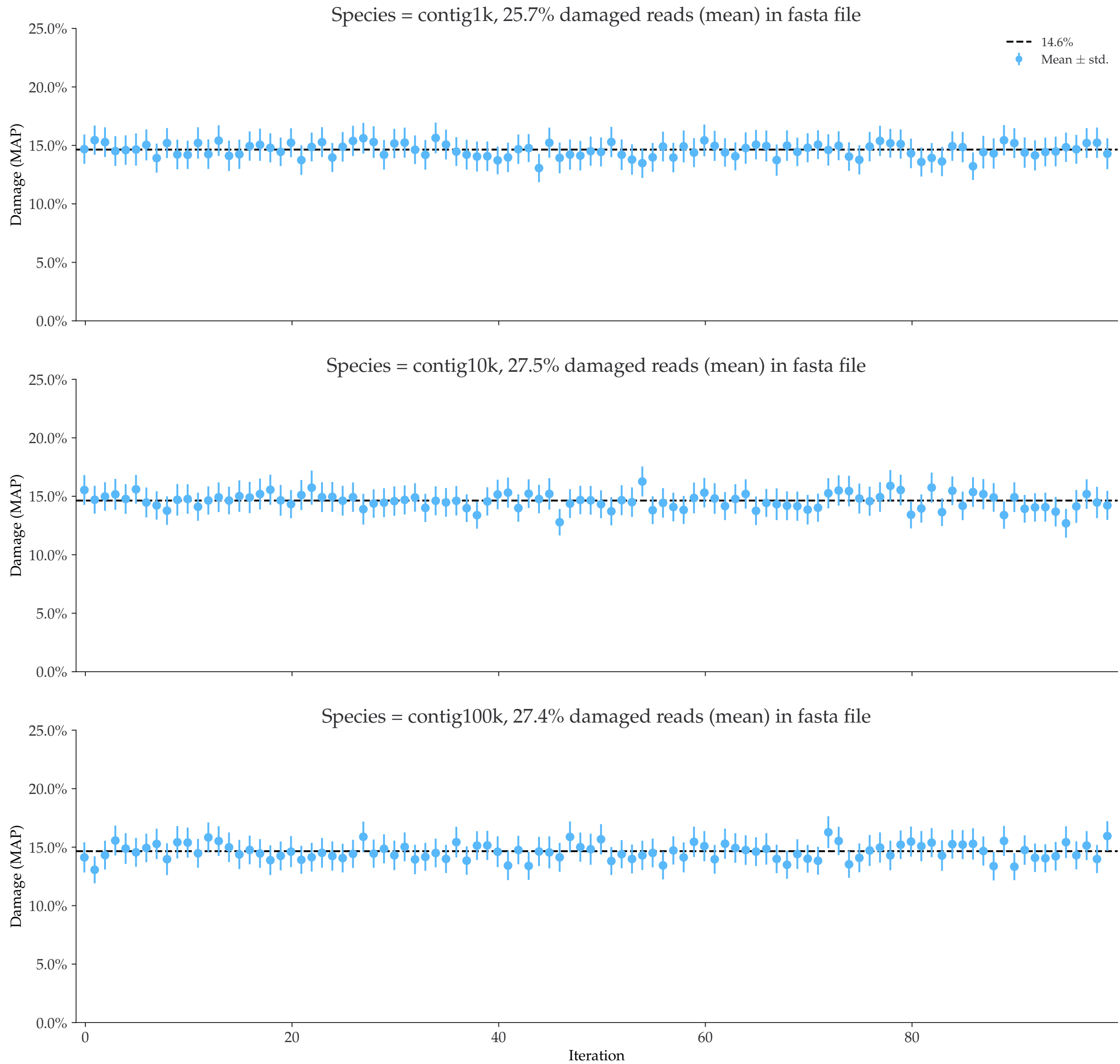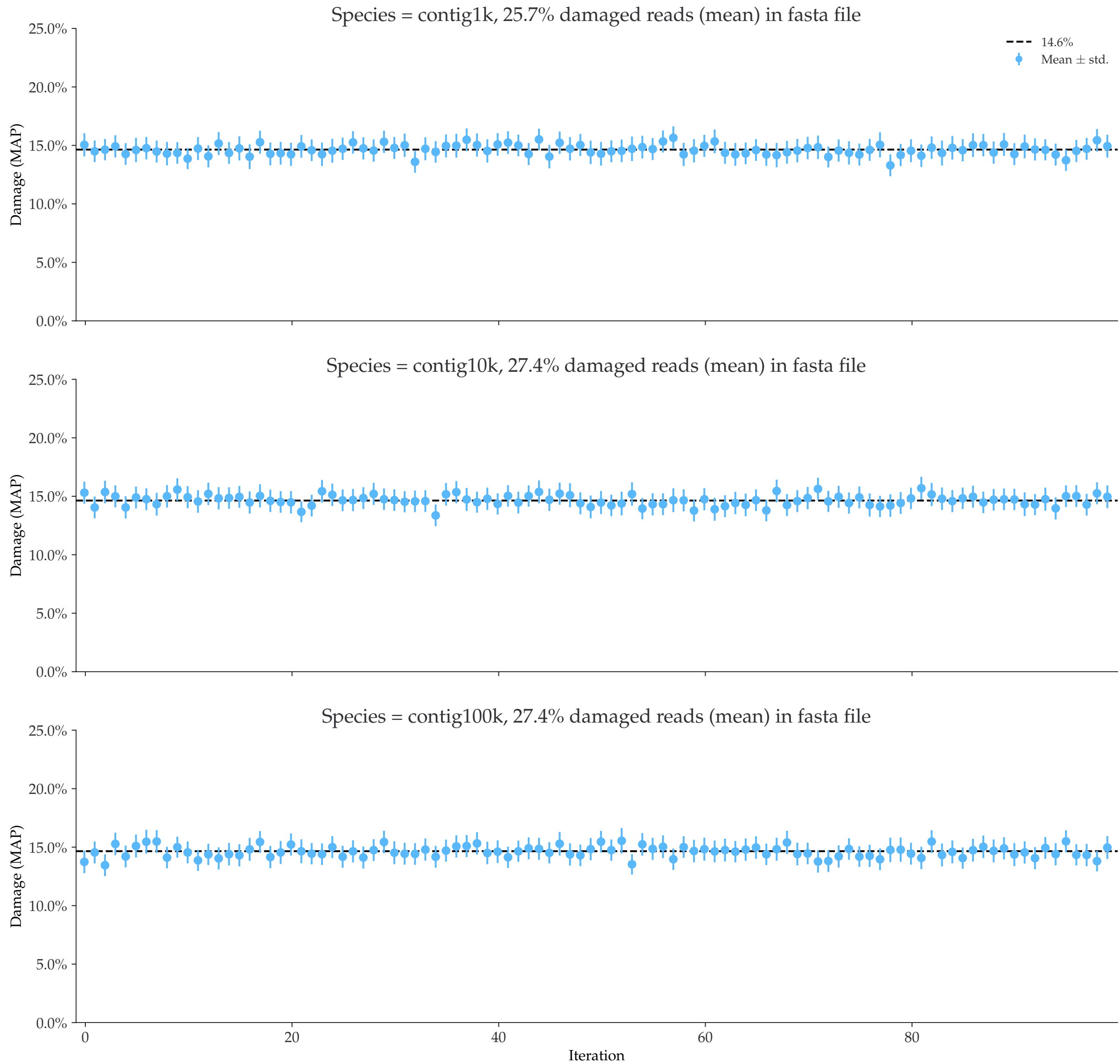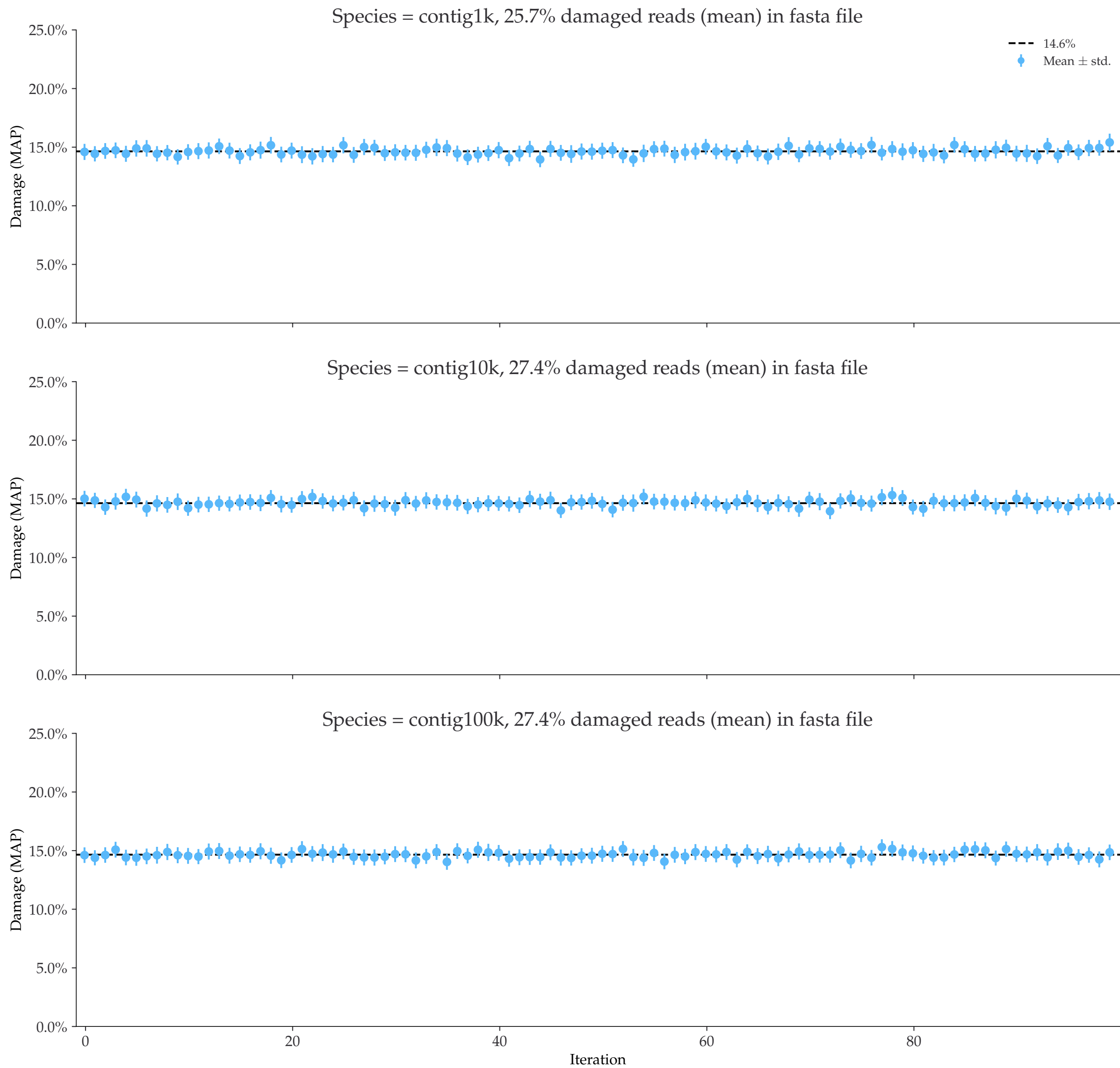Species = contig100k, 31.1% damaged reads (mean) in fasta file

Individual damages:
25000 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Individual damages:
50000 reads
Briggs damage = 0.626
Damage percent (approx) = 20%
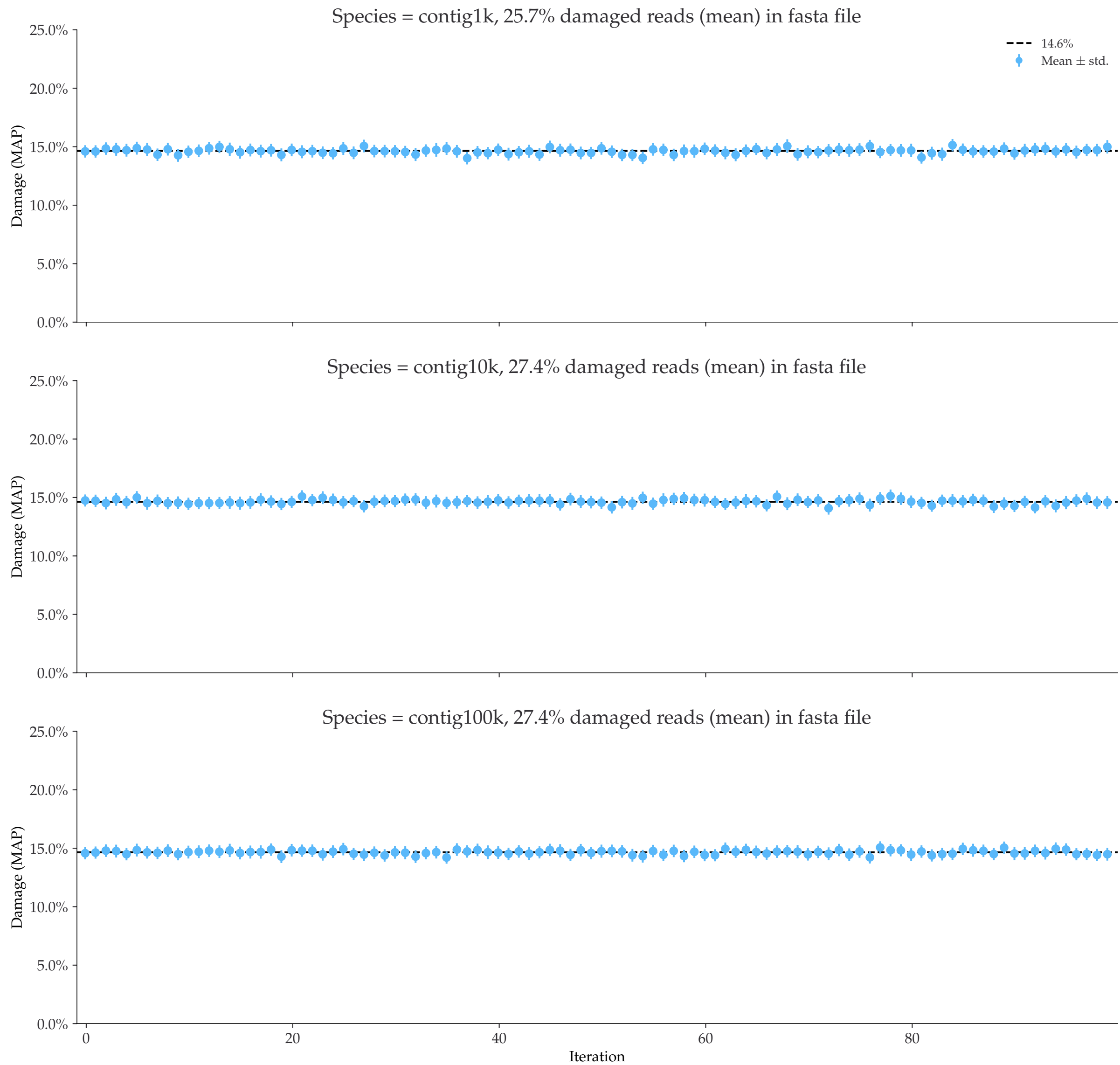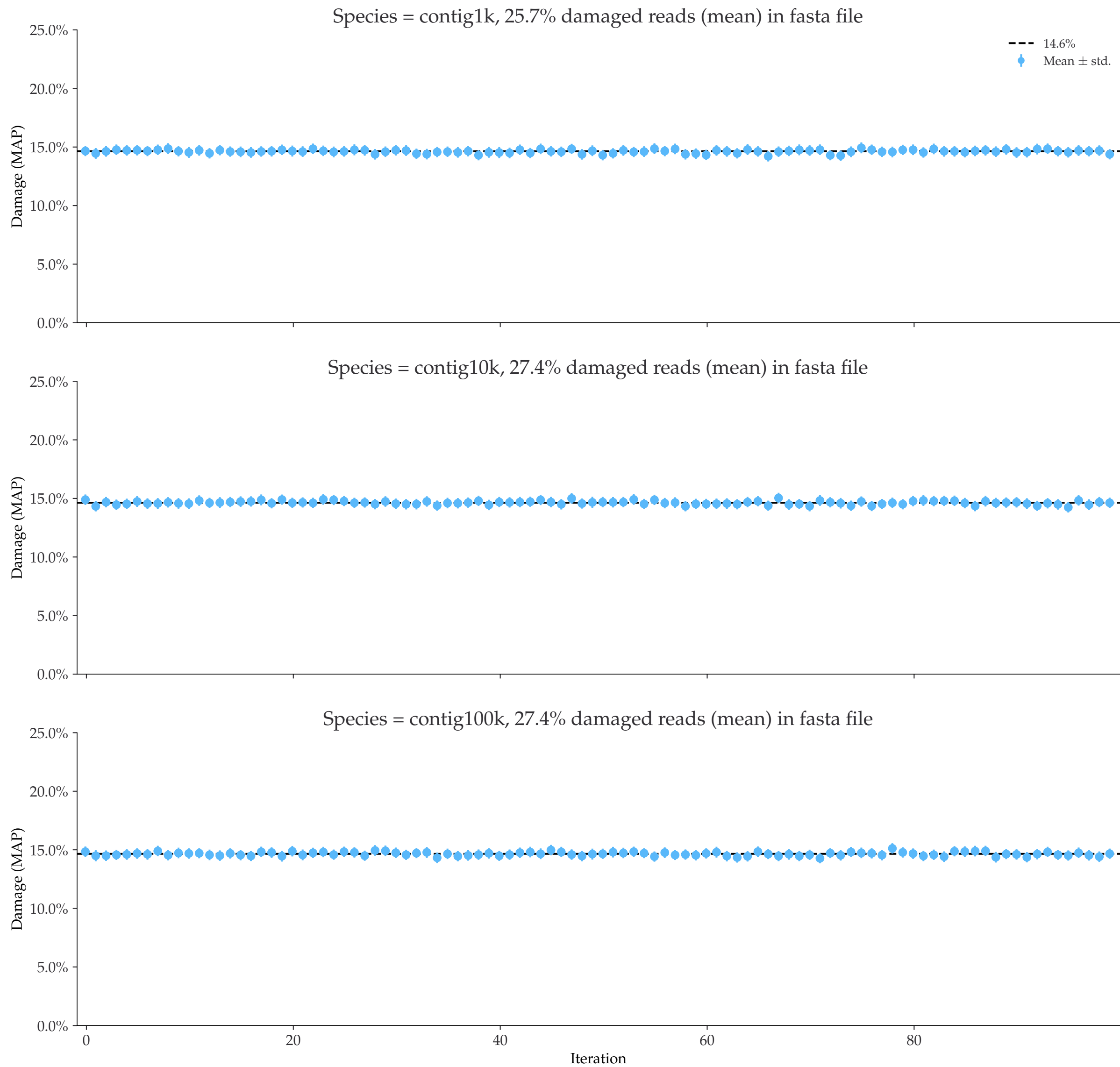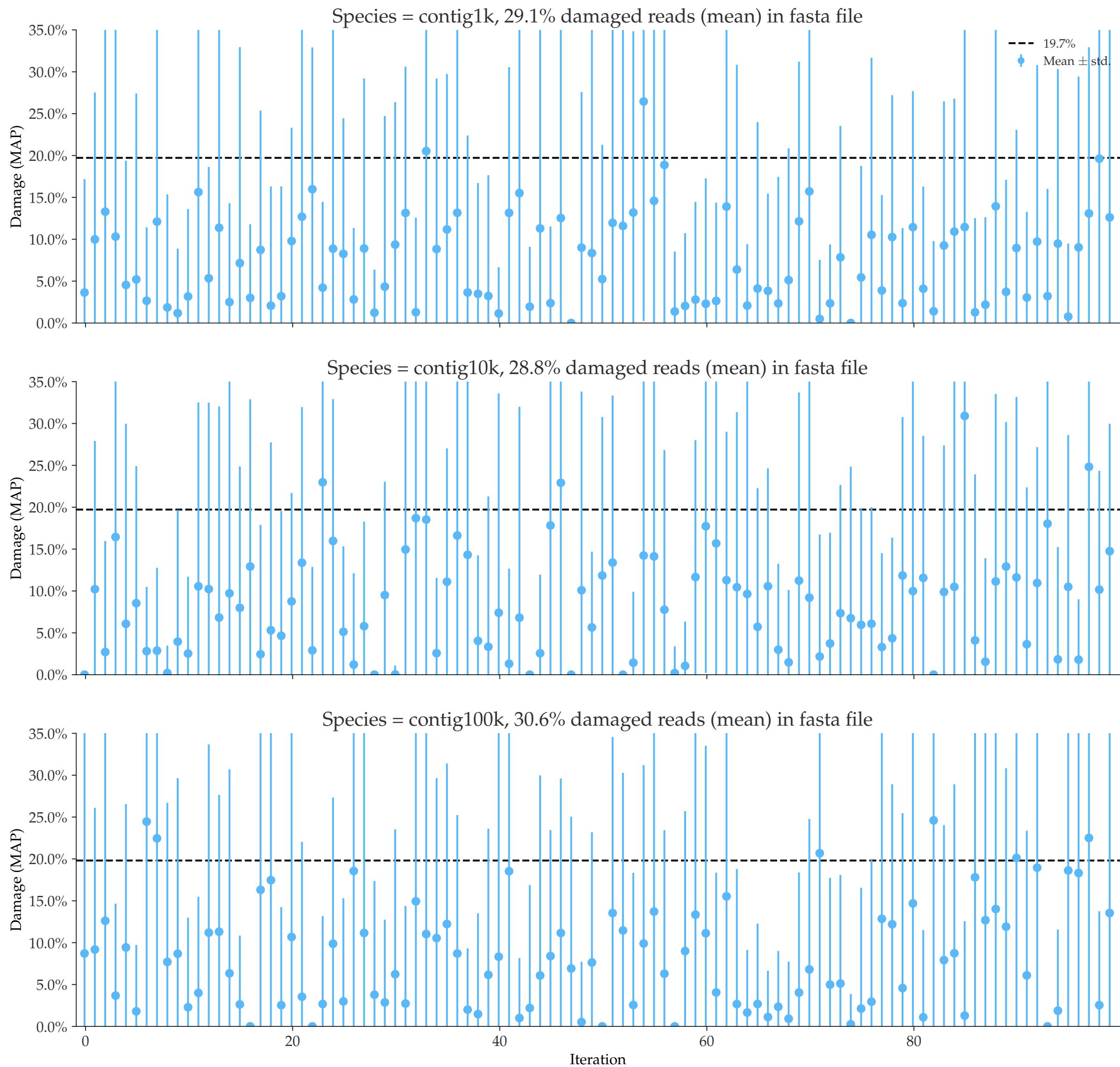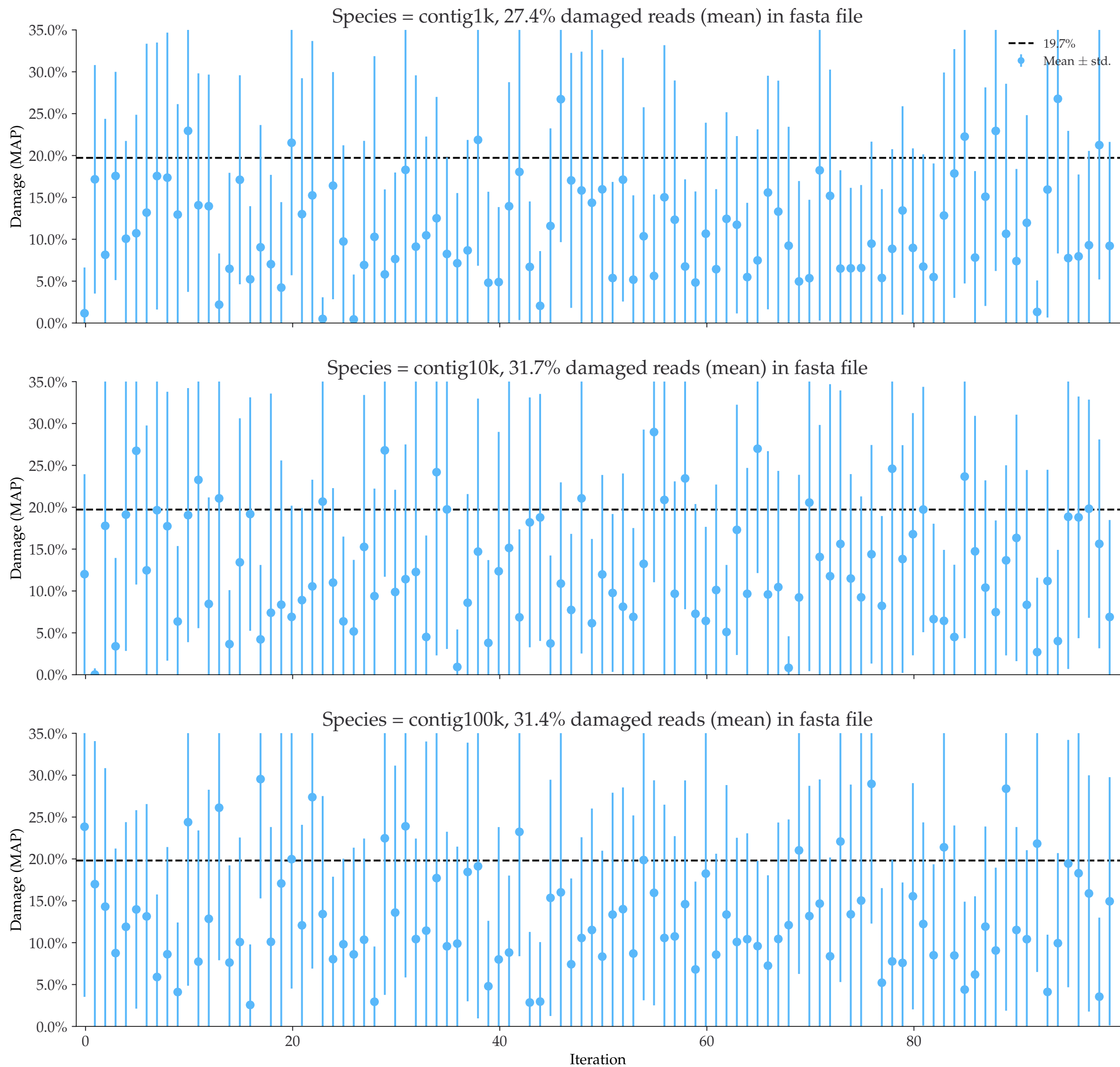
Individual damages:
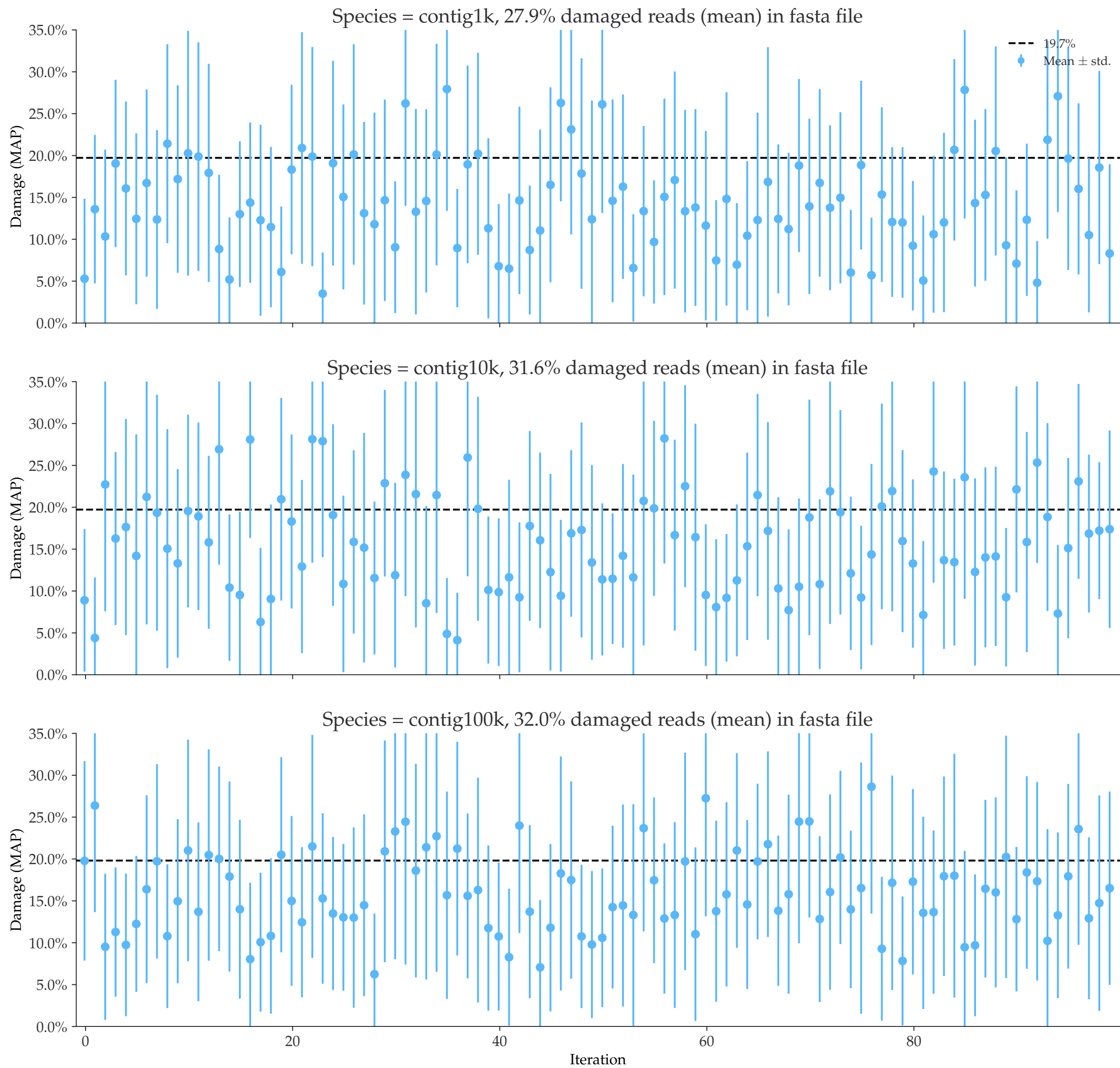100000 reads
Briggs damage = 0.626
Damage percent (approx) = 20%

Species = contig1k, 29.3% damaged reads (mean) in fasta file

Species = contig10k, 31.0% damaged reads (mean) in fasta file

Species = contig100k, 31.0% damaged reads (mean) in fasta file

Individual damages:
10 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 38.2% damaged reads (mean) in fasta file

Species = contig10k, 36.0% damaged reads (mean) in fasta file

Species = contig100k, 39.5% damaged reads (mean) in fasta file

Individual damages:
25 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 33.6% damaged reads (mean) in fasta file

Species = contig10k, 37.4% damaged reads (mean) in fasta file

Species = contig100k, 37.4% damaged reads (mean) in fasta file

Individual damages:
50 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 34.2% damaged reads (mean) in fasta file

Species = contig10k, 36.8% damaged reads (mean) in fasta file

Species = contig100k, 37.1% damaged reads (mean) in fasta file

Individual damages:
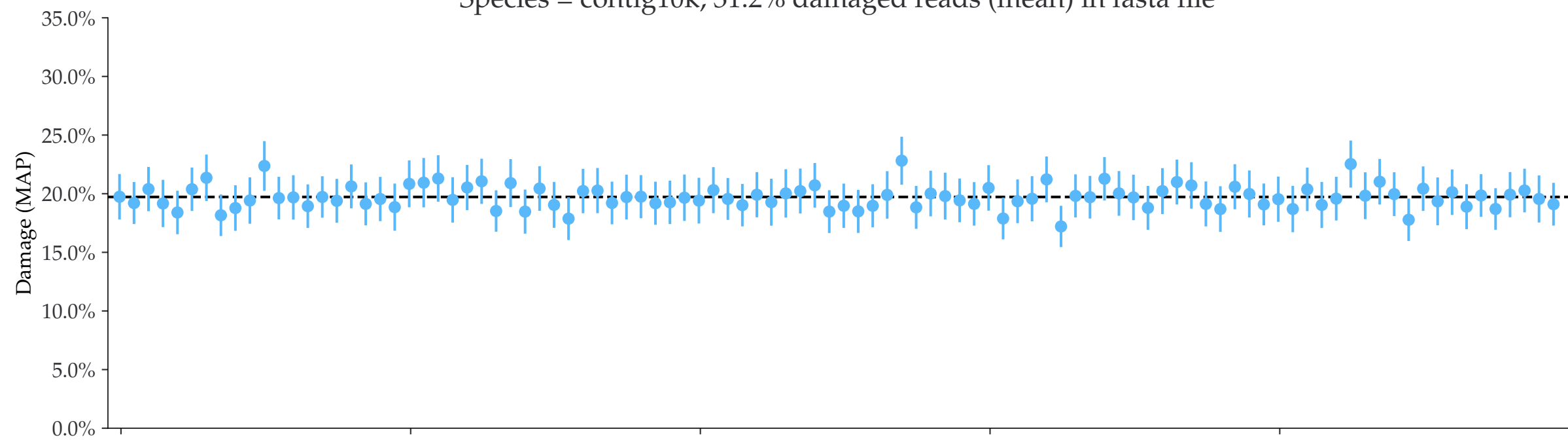100 reads
Briggs damage = 0.96
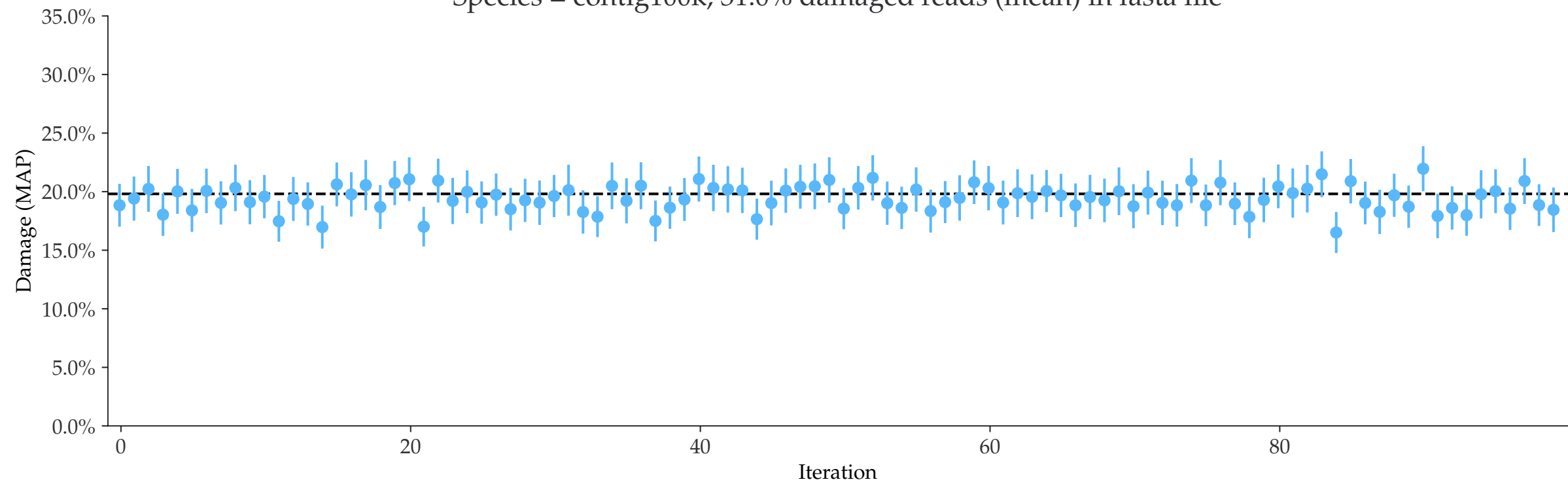Damage percent (approx) = 30%

Species = contig1k, 35.8% damaged reads (mean) in fasta file

Species = contig10k, 36.6% damaged reads (mean) in fasta file

Species = contig100k, 37.4% damaged reads (mean) in fasta file

Individual damages:
250 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

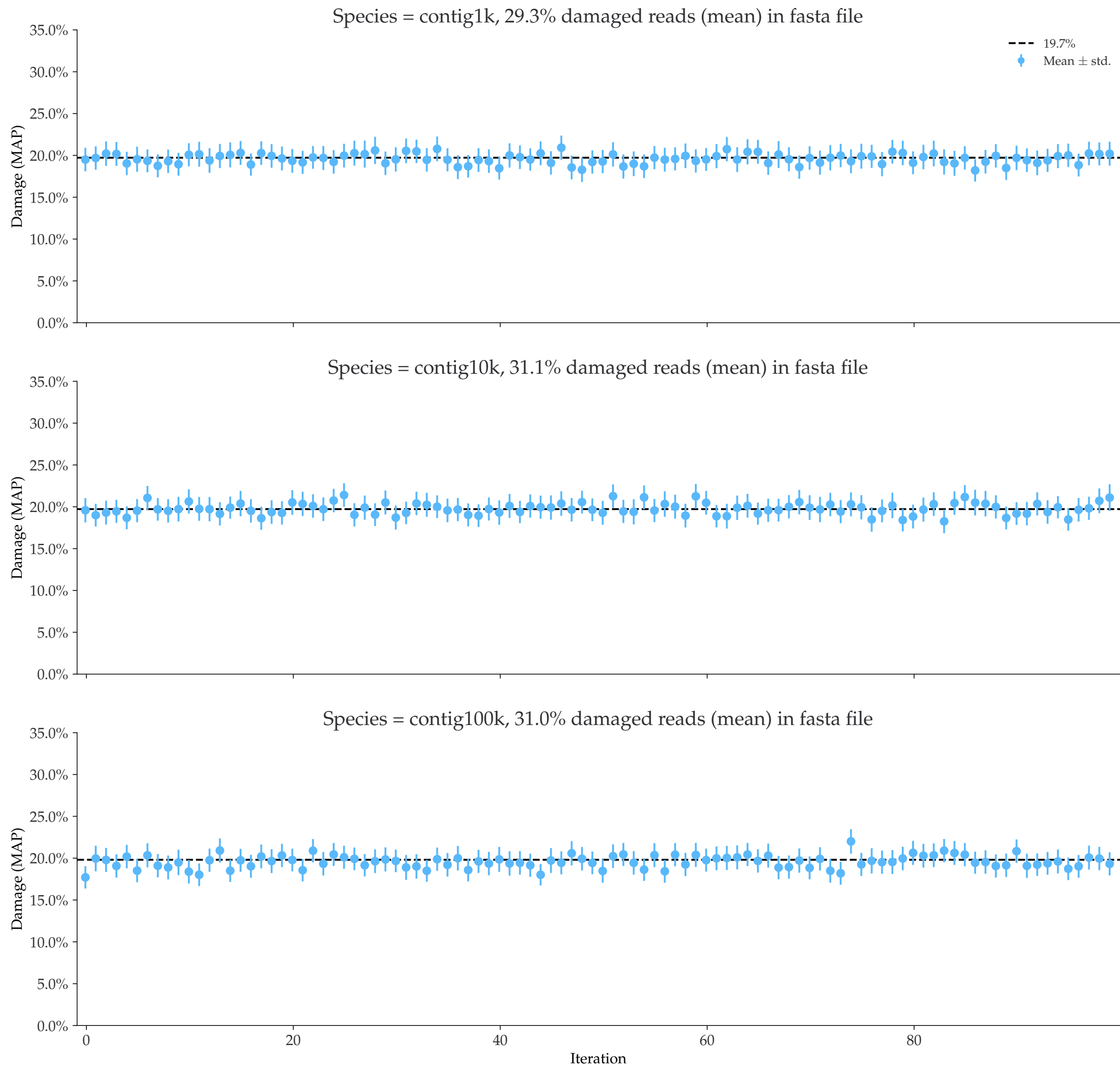Species = contig1k, 35.2% damaged reads (mean) in fasta file

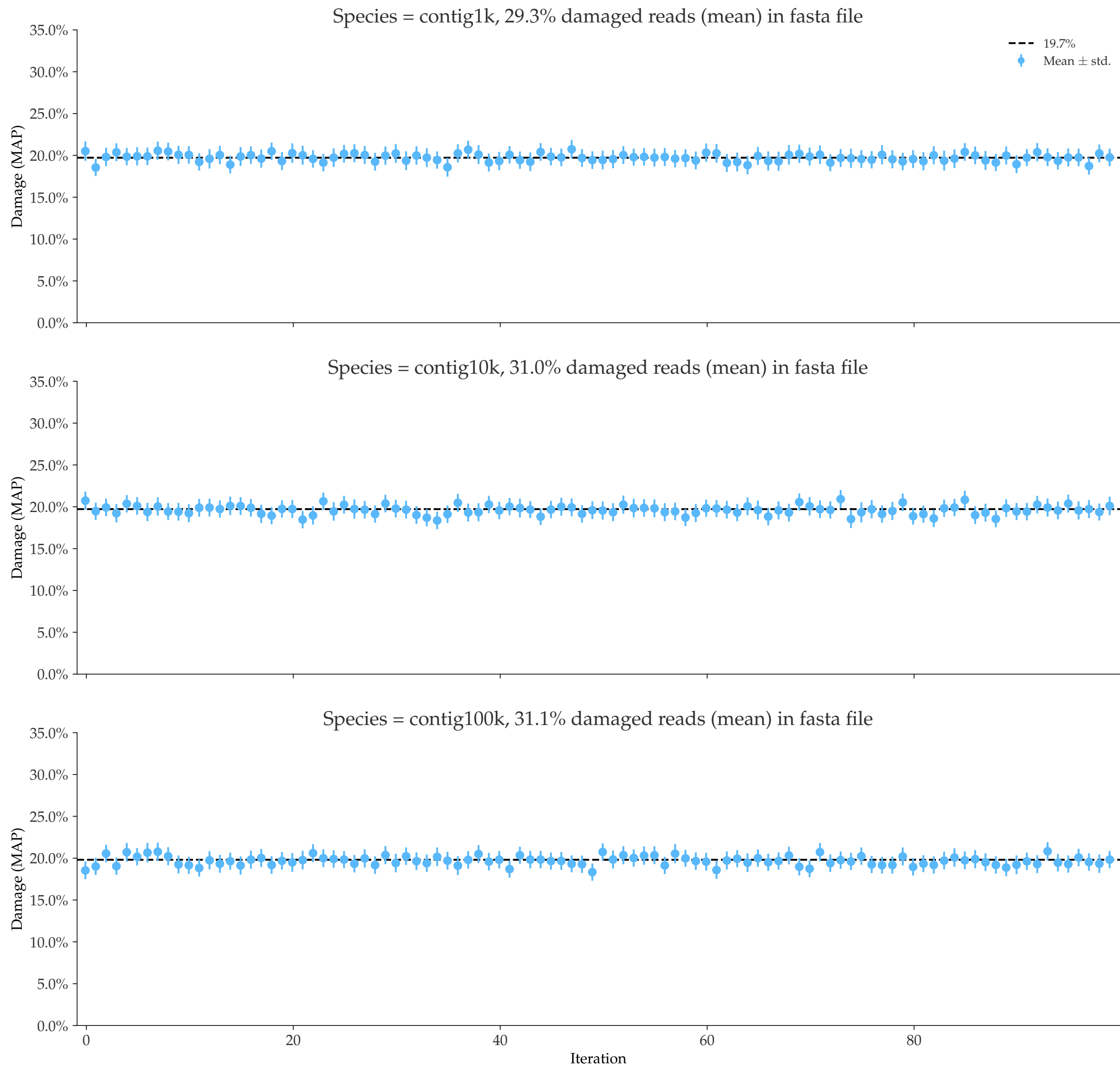Species = contig10k, 37.6% damaged reads (mean) in fasta file

Species = contig100k, 37.3% damaged reads (mean) in fasta file

Individual damages:
500 reads
Briggs damage = 0.96
Damage percent (approx) = 30%
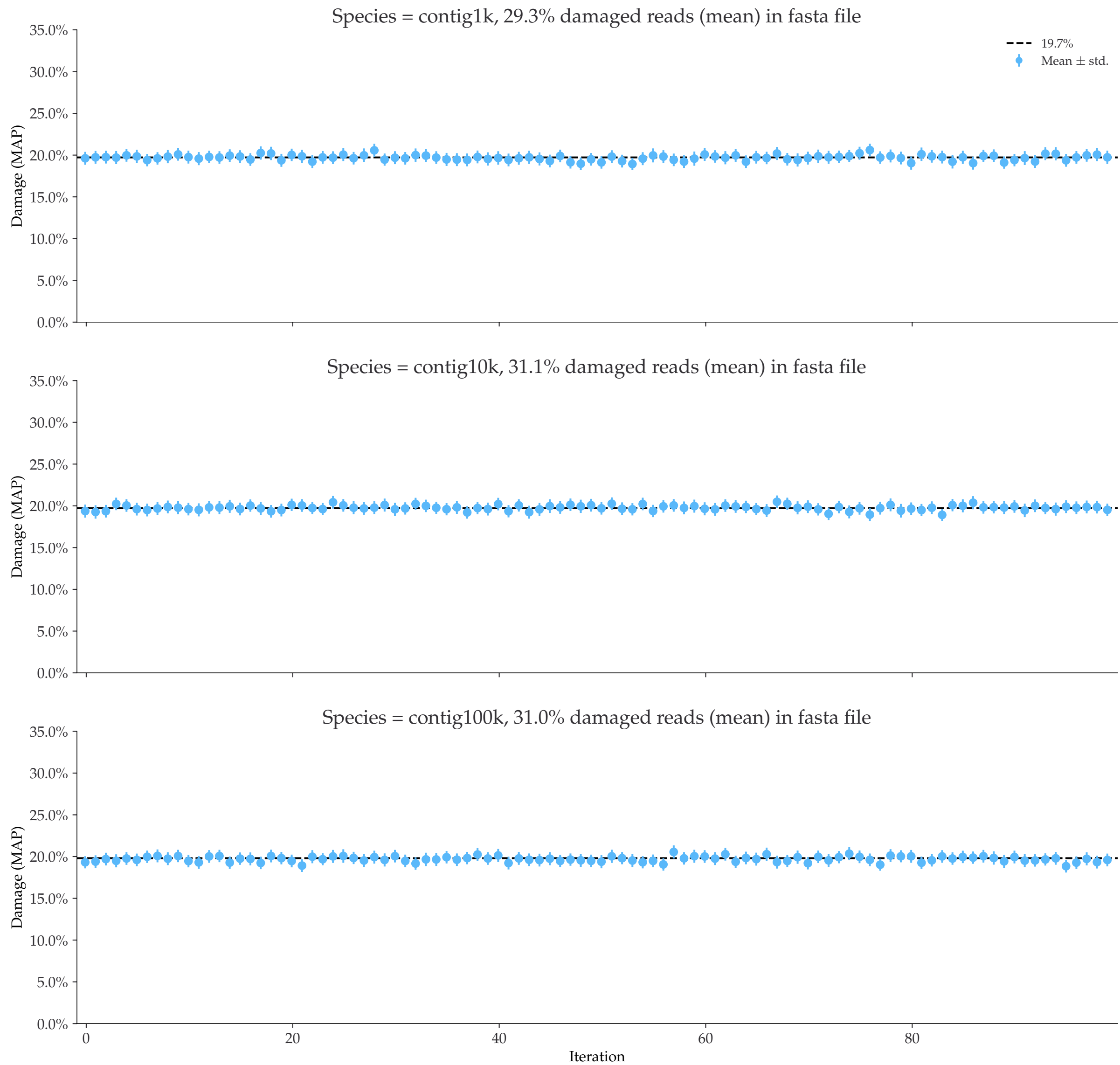
Species = contig1k, 35.4% damaged reads (mean) in fasta file

Species = contig10k, 37.4% damaged reads (mean) in fasta file
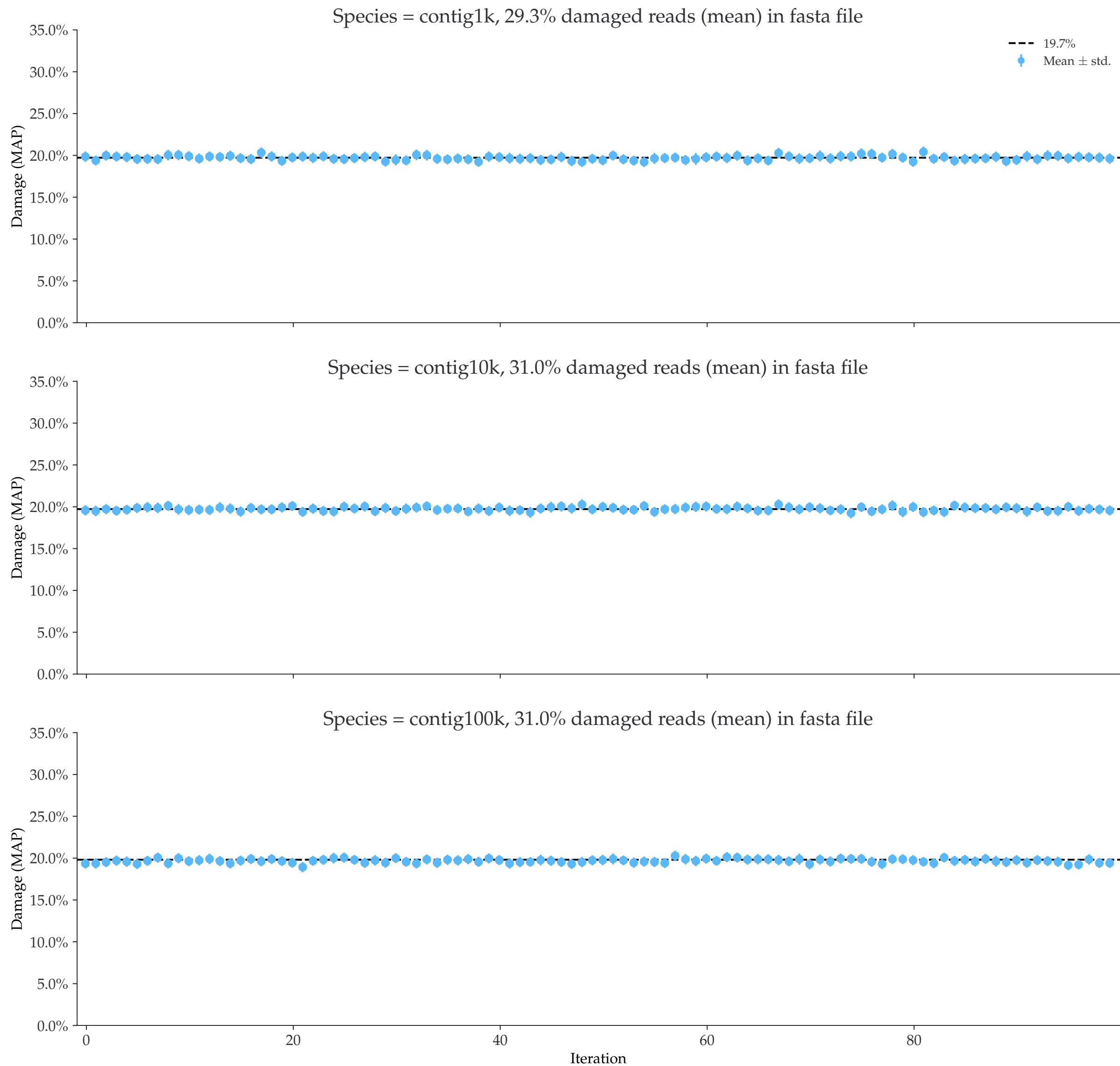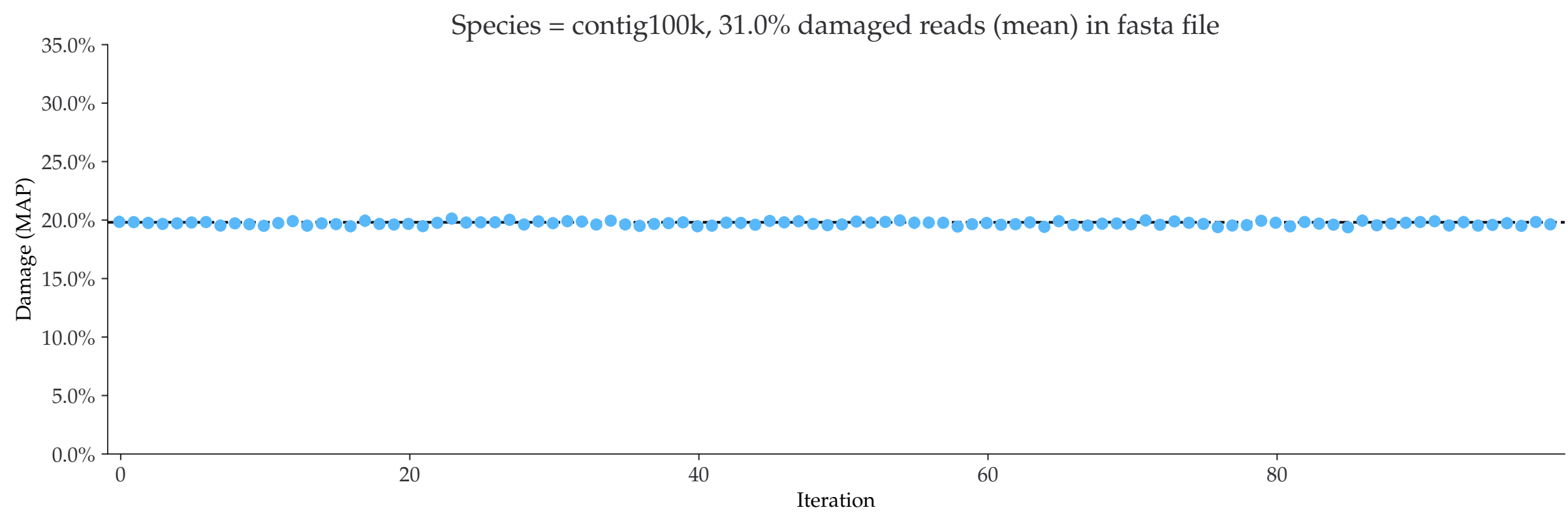
Species = contig100k, 37.3% damaged reads (mean) in fasta file

Individual damages:
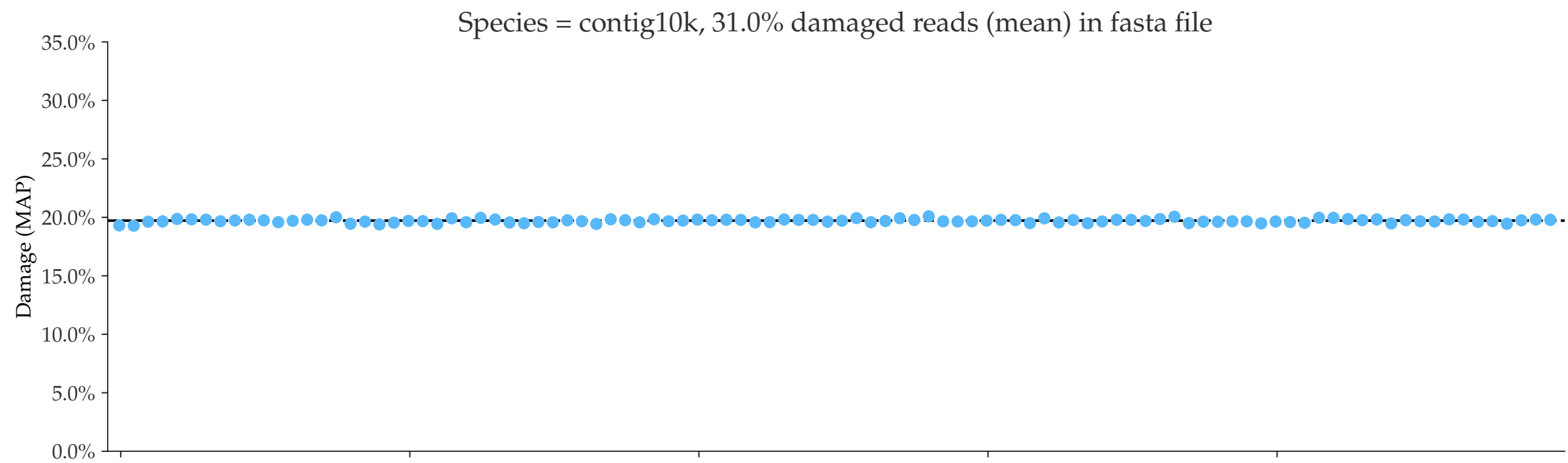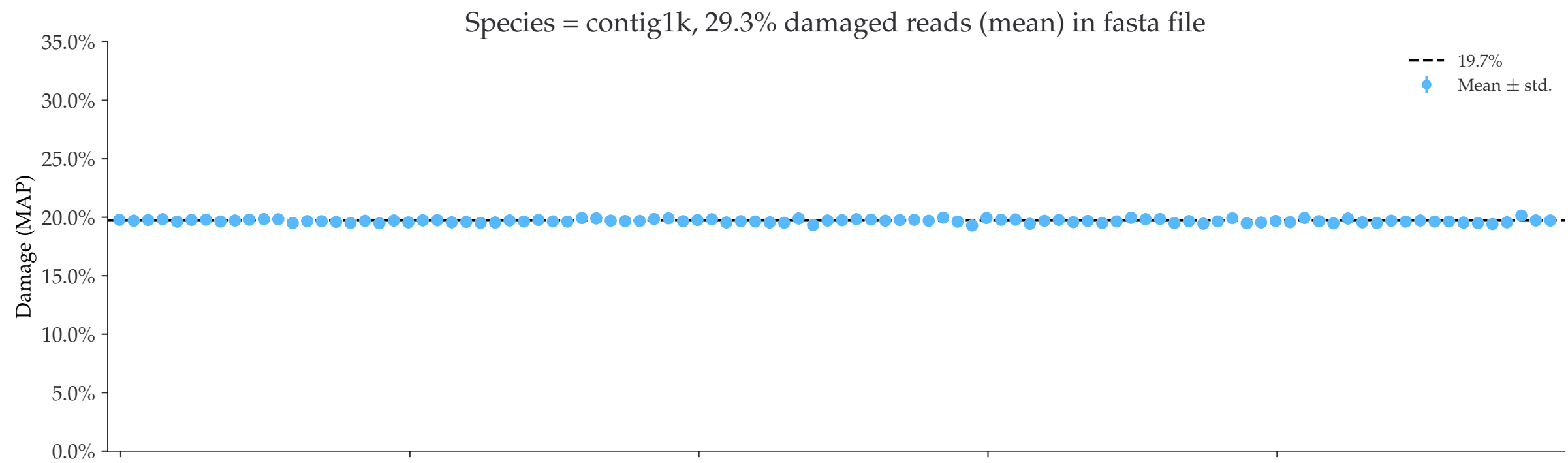1000 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 35.4% damaged reads (mean) in fasta file

Species = contig10k, 37.0% damaged reads (mean) in fasta file

Species = contig100k, 37.4% damaged reads (mean) in fasta file

Individual damages:
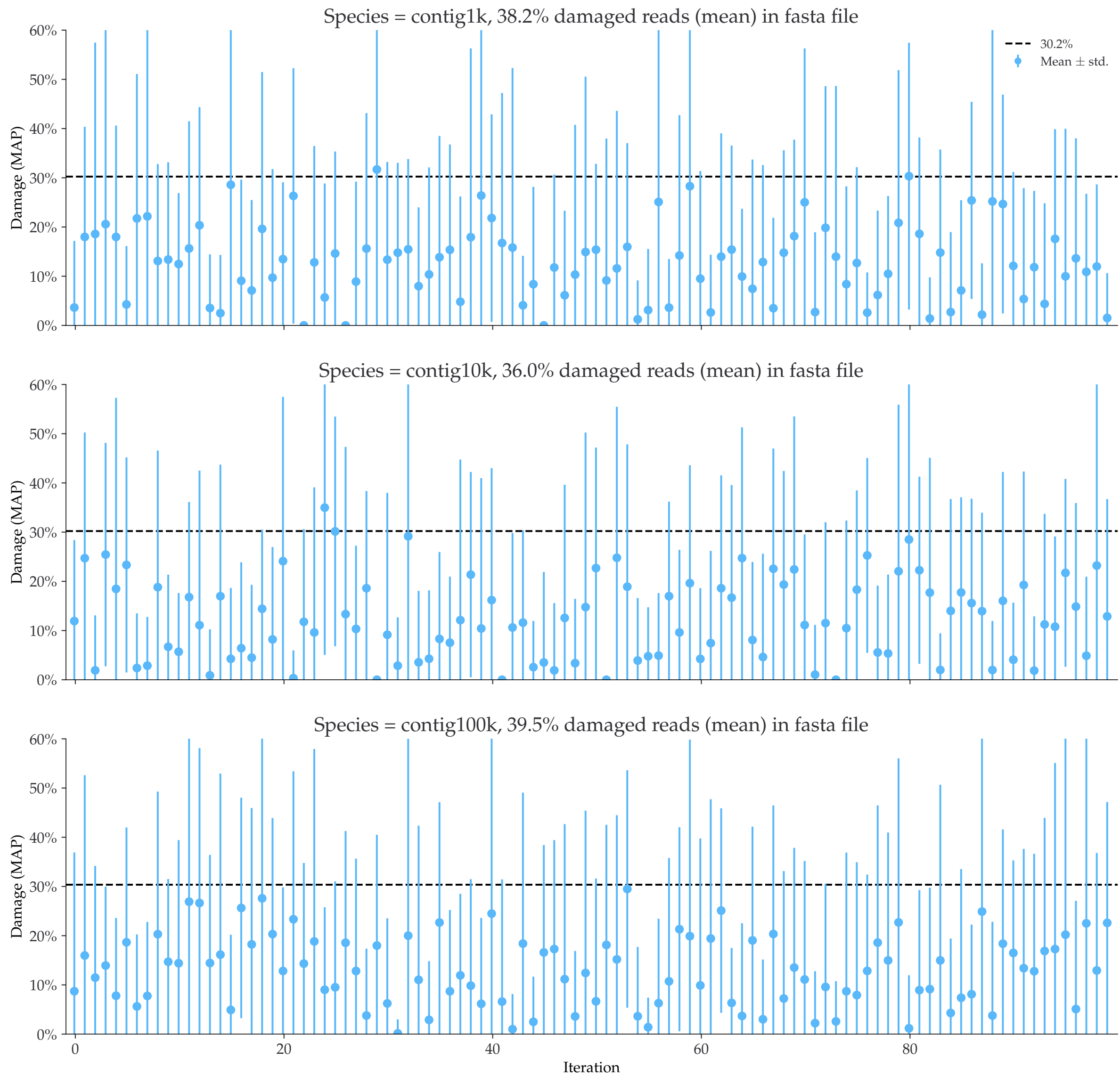2500 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 35.4% damaged reads (mean) in fasta file

Species = contig10k, 37.4% damaged reads (mean) in fasta file

Species = contig100k, 37.2% damaged reads (mean) in fasta file

Individual damages:
5000 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 35.4% damaged reads (mean) in fasta file

Species = contig10k, 37.3% damaged reads (mean) in fasta file

Species = contig100k, 37.2% damaged reads (mean) in fasta file

Individual damages:
10000 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 35.5% damaged reads (mean) in fasta file

- - - 30.2%
● Mean ± std.

Species = contig10k, 37.2% damaged reads (mean) in fasta file

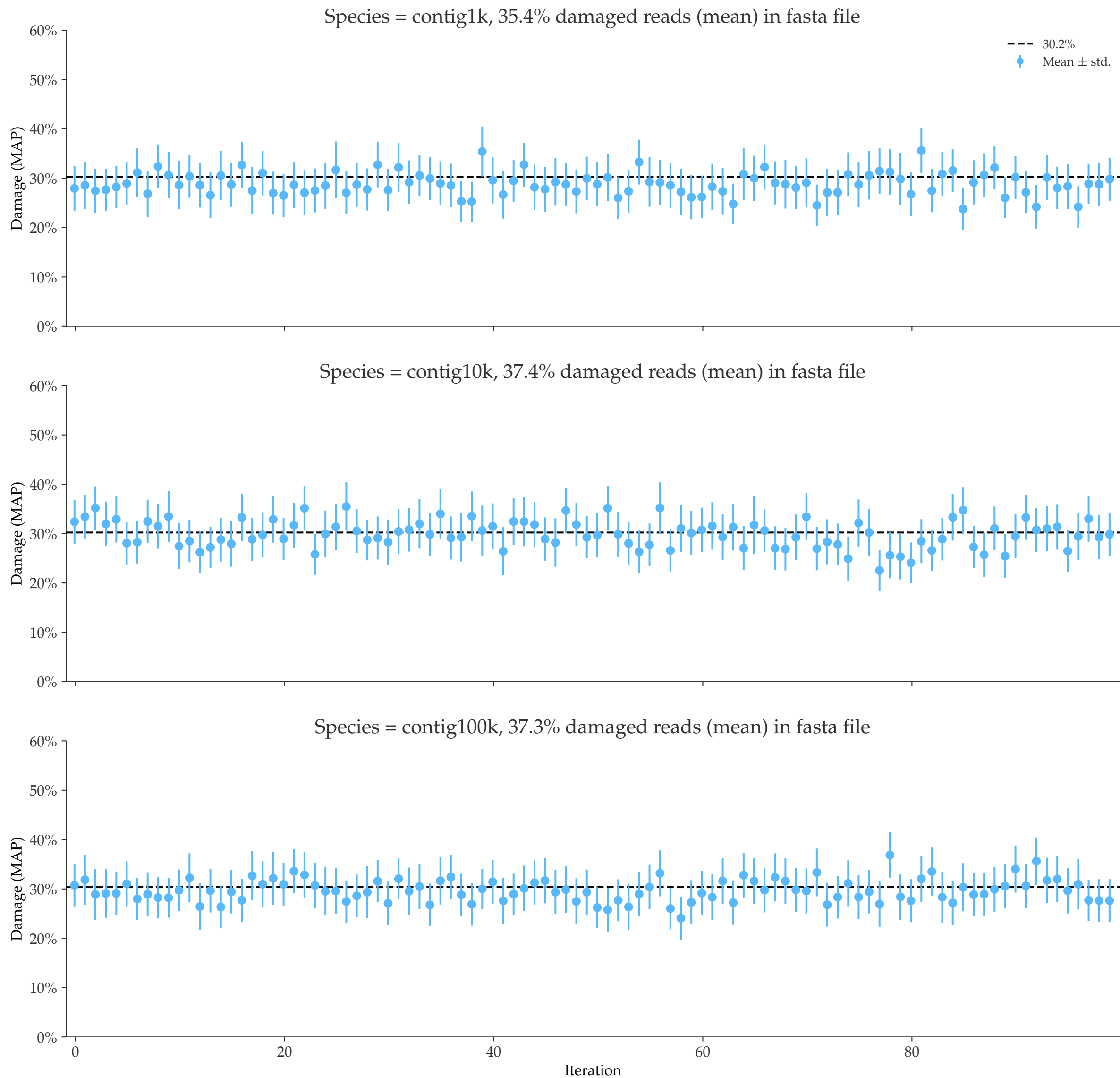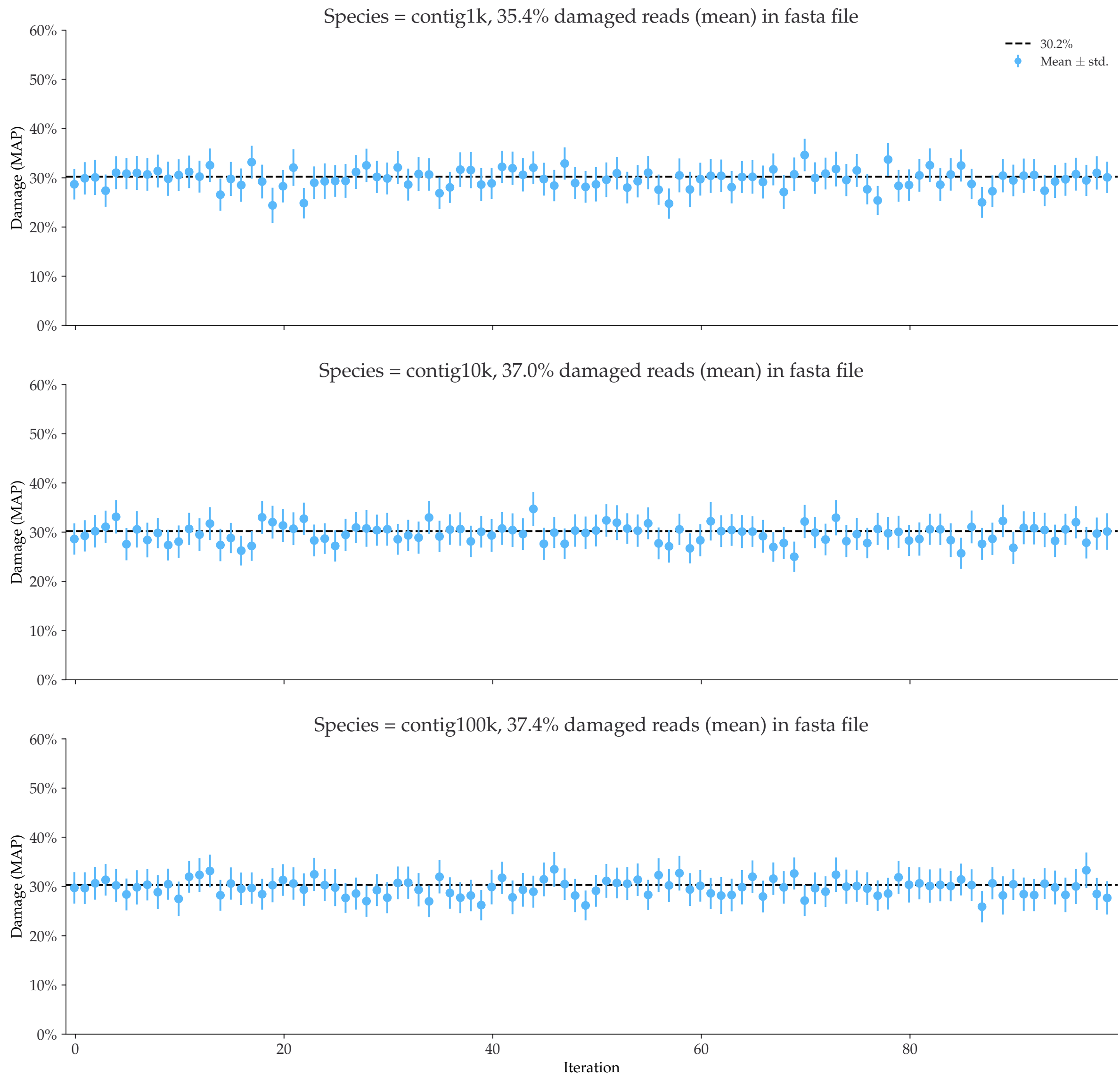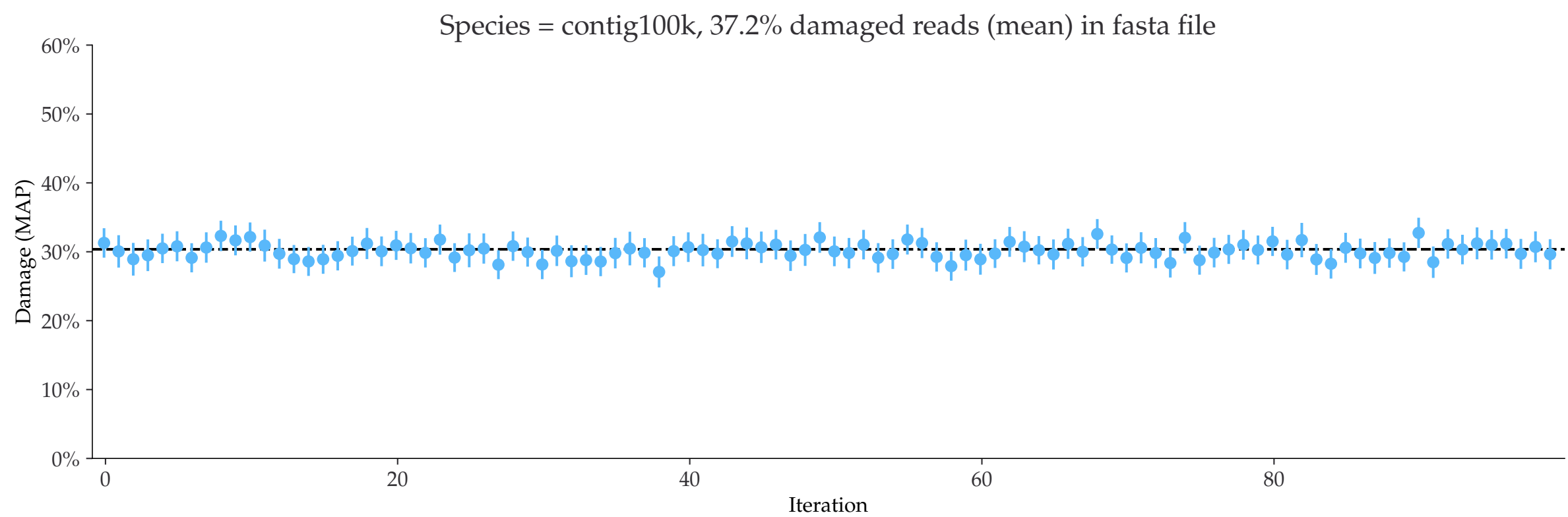Species = contig100k, 37.2% damaged reads (mean) in fasta file

Iteration

Individual damages:
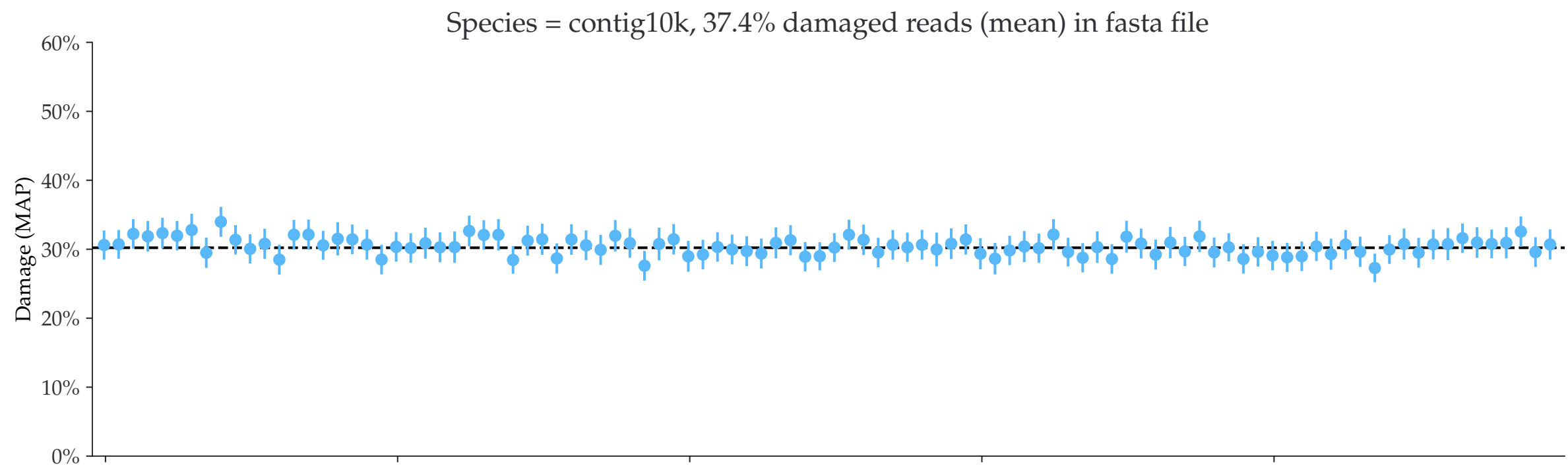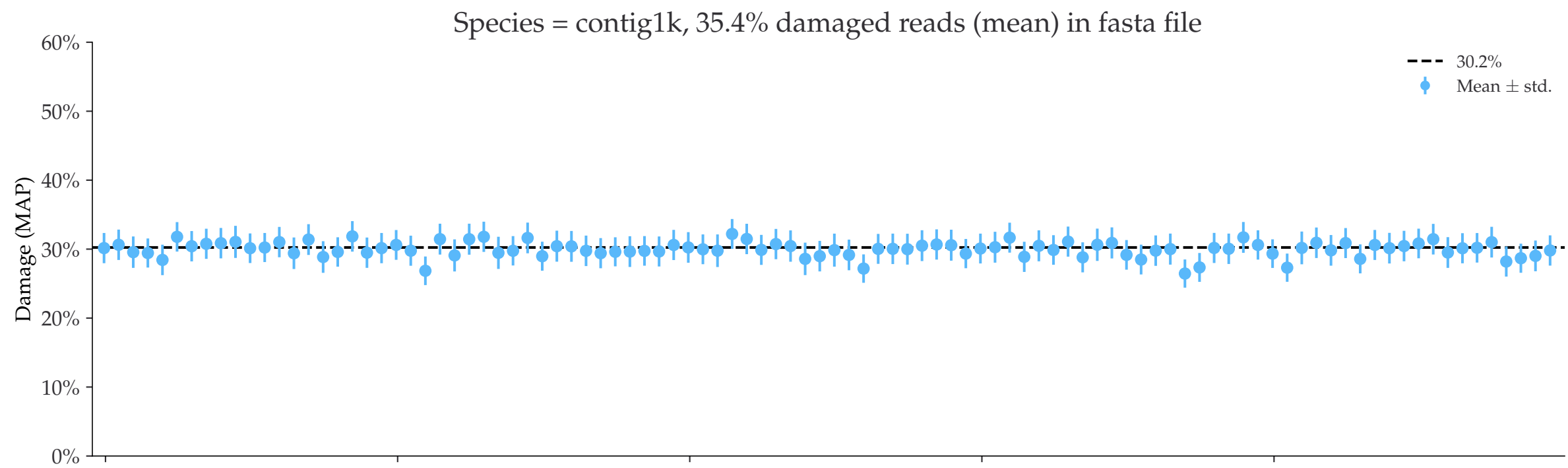25000 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 35.4% damaged reads (mean) in fasta file

Species = contig10k, 37.2% damaged reads (mean) in fasta file

Species = contig100k, 37.2% damaged reads (mean) in fasta file

Individual damages:
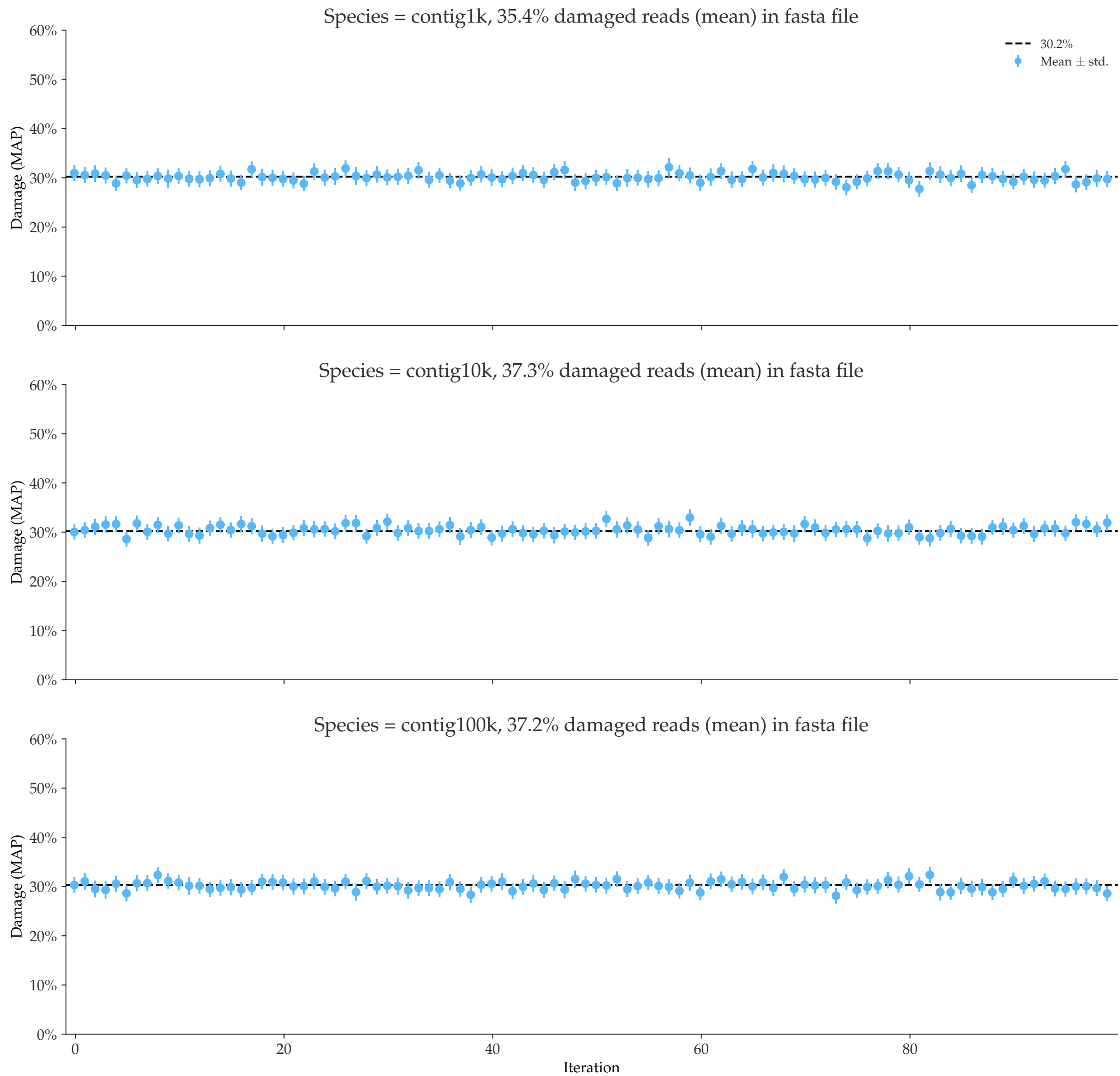50000 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

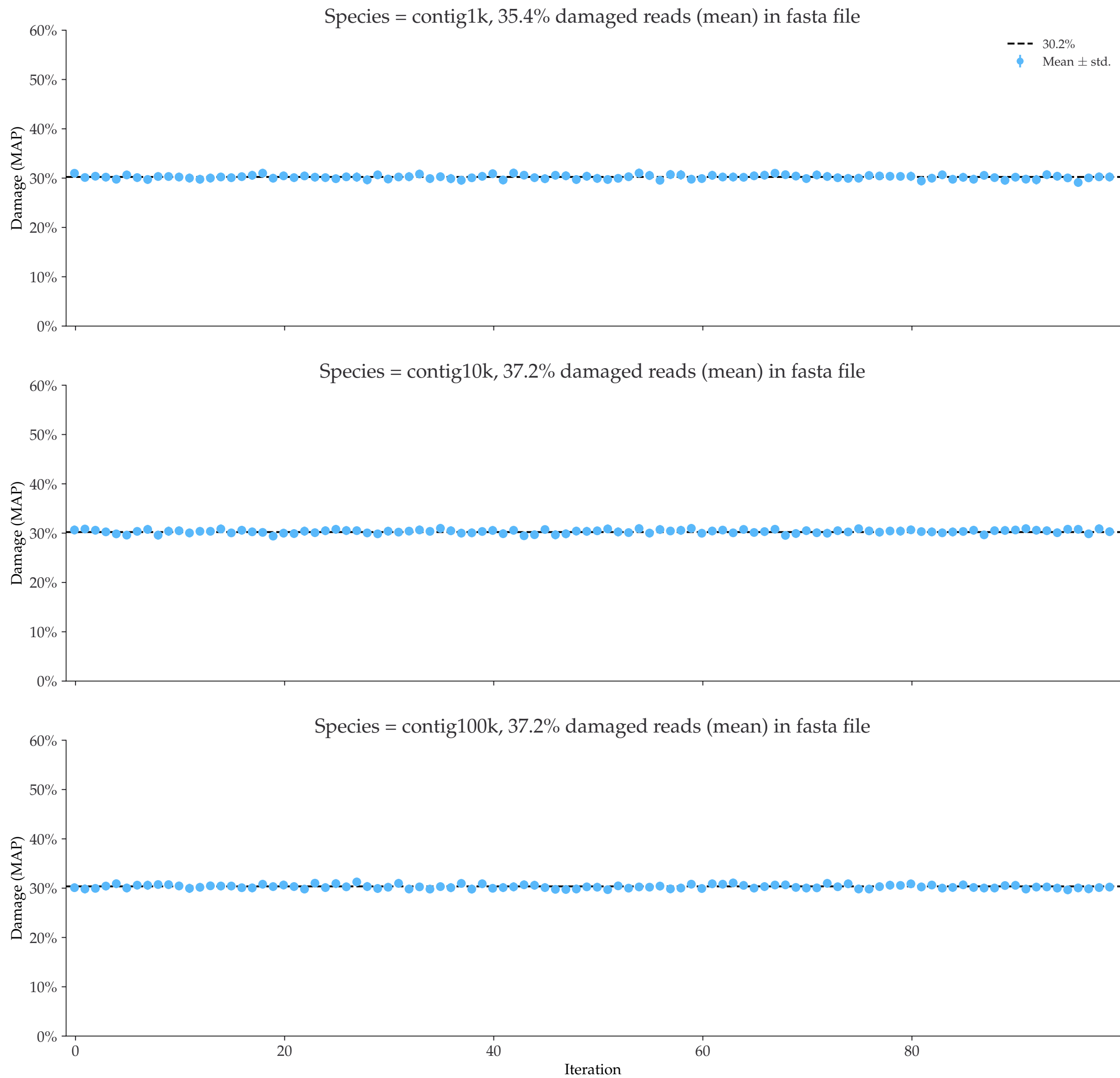Species = contig1k, 35.4% damaged reads (mean) in fasta file

Species = contig10k, 37.2% damaged reads (mean) in fasta file

Species = contig100k, 37.2% damaged reads (mean) in fasta file

Individual damages:
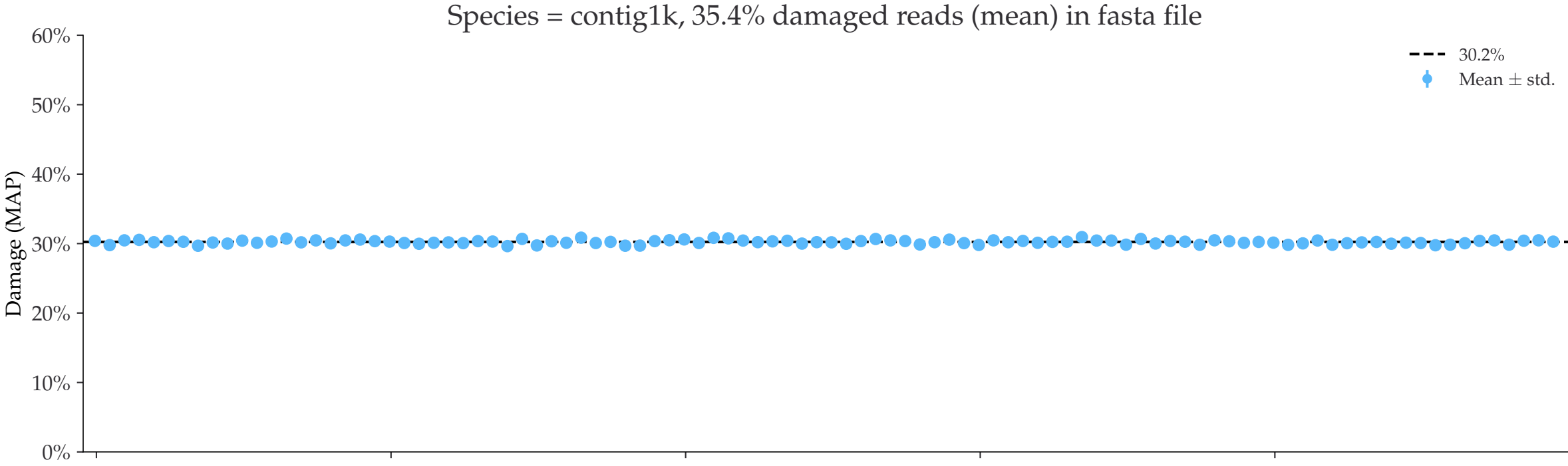100000 reads
Briggs damage = 0.96
Damage percent (approx) = 30%

Species = contig1k, 35.4% damaged reads (mean) in fasta file

- - - 30.2%
● Mean ± std.

Species = contig10k, 37.2% damaged reads (mean) in fasta file

Species = contig100k, 37.2% damaged reads (mean) in fasta file