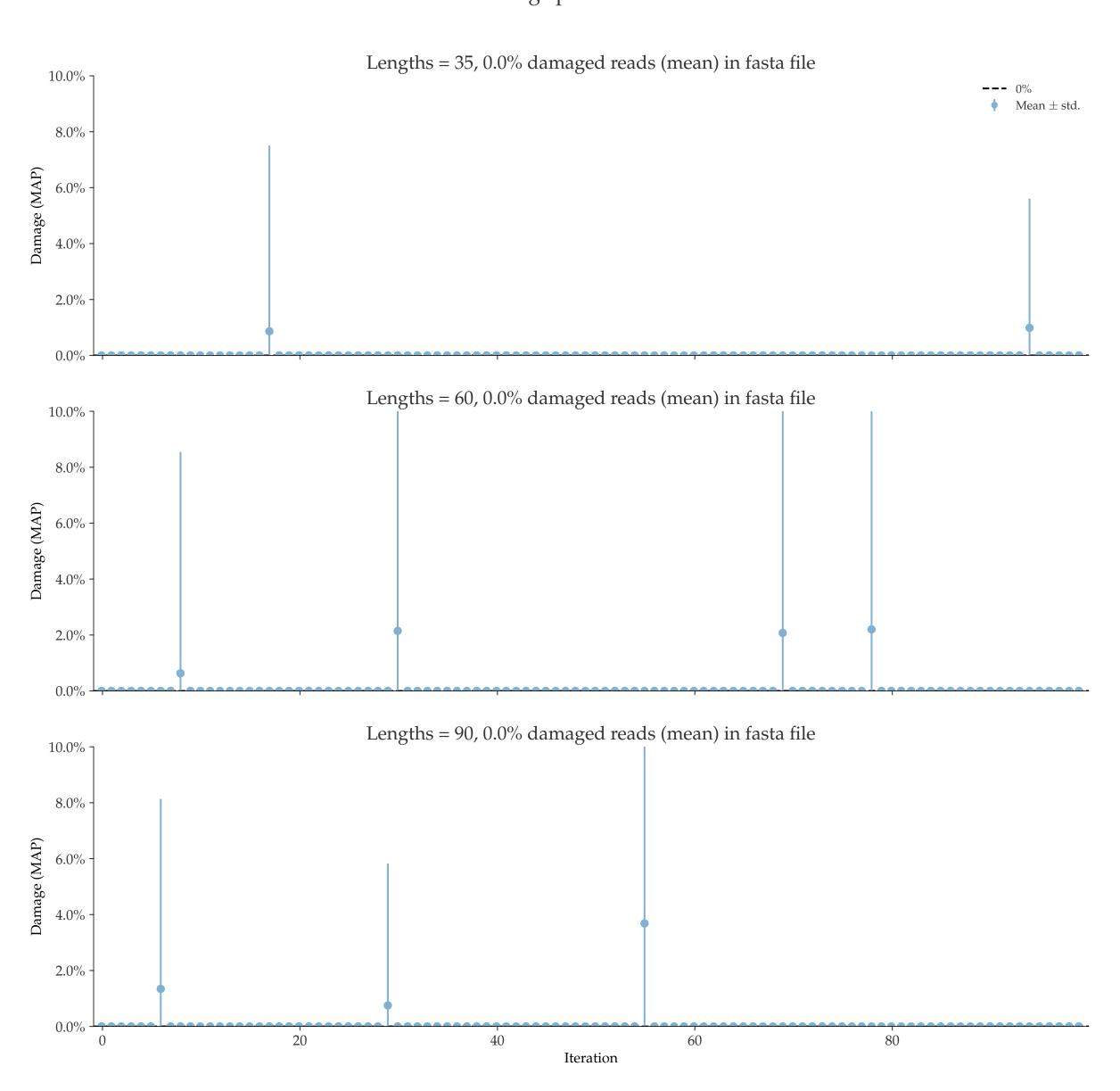
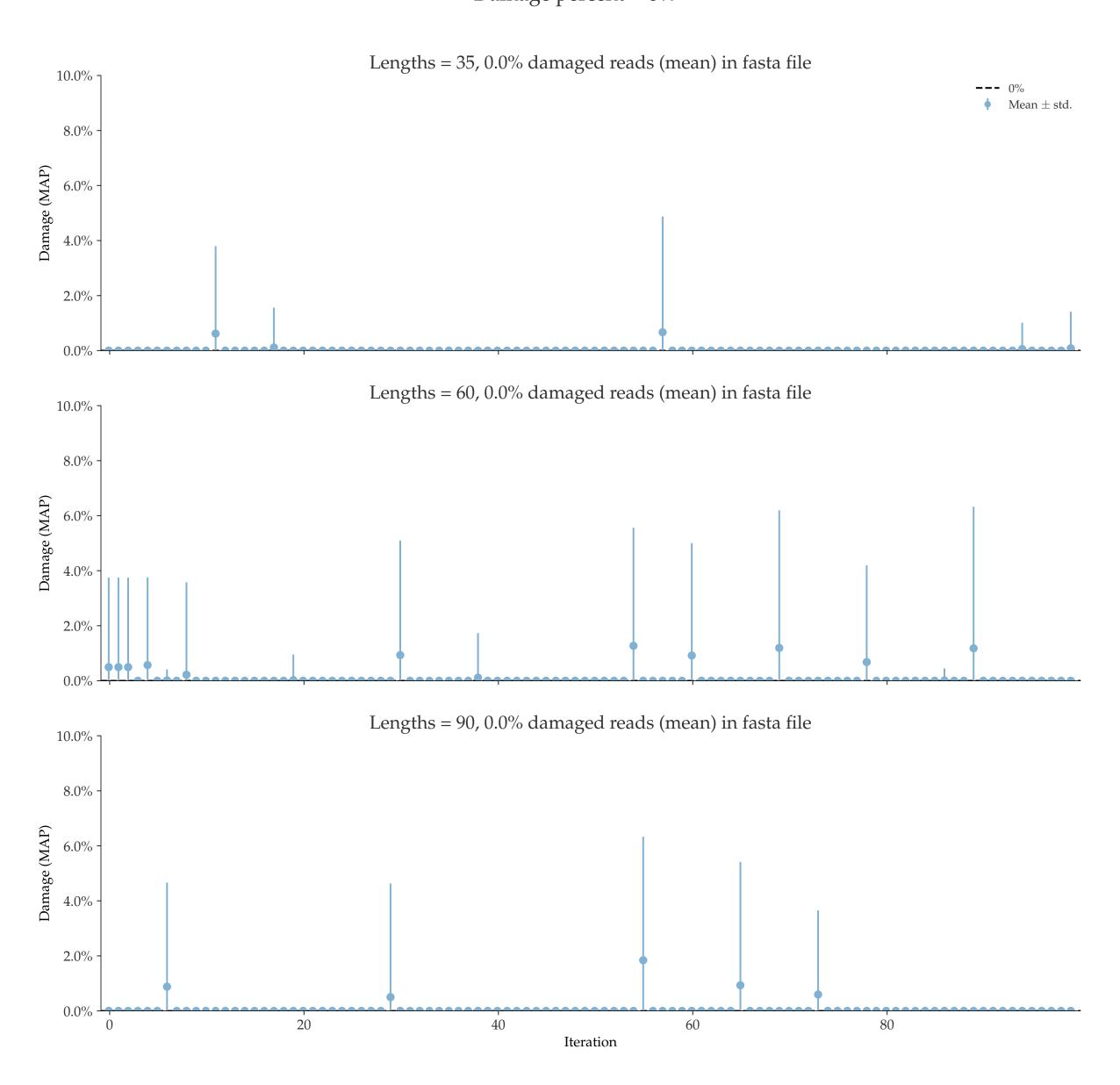
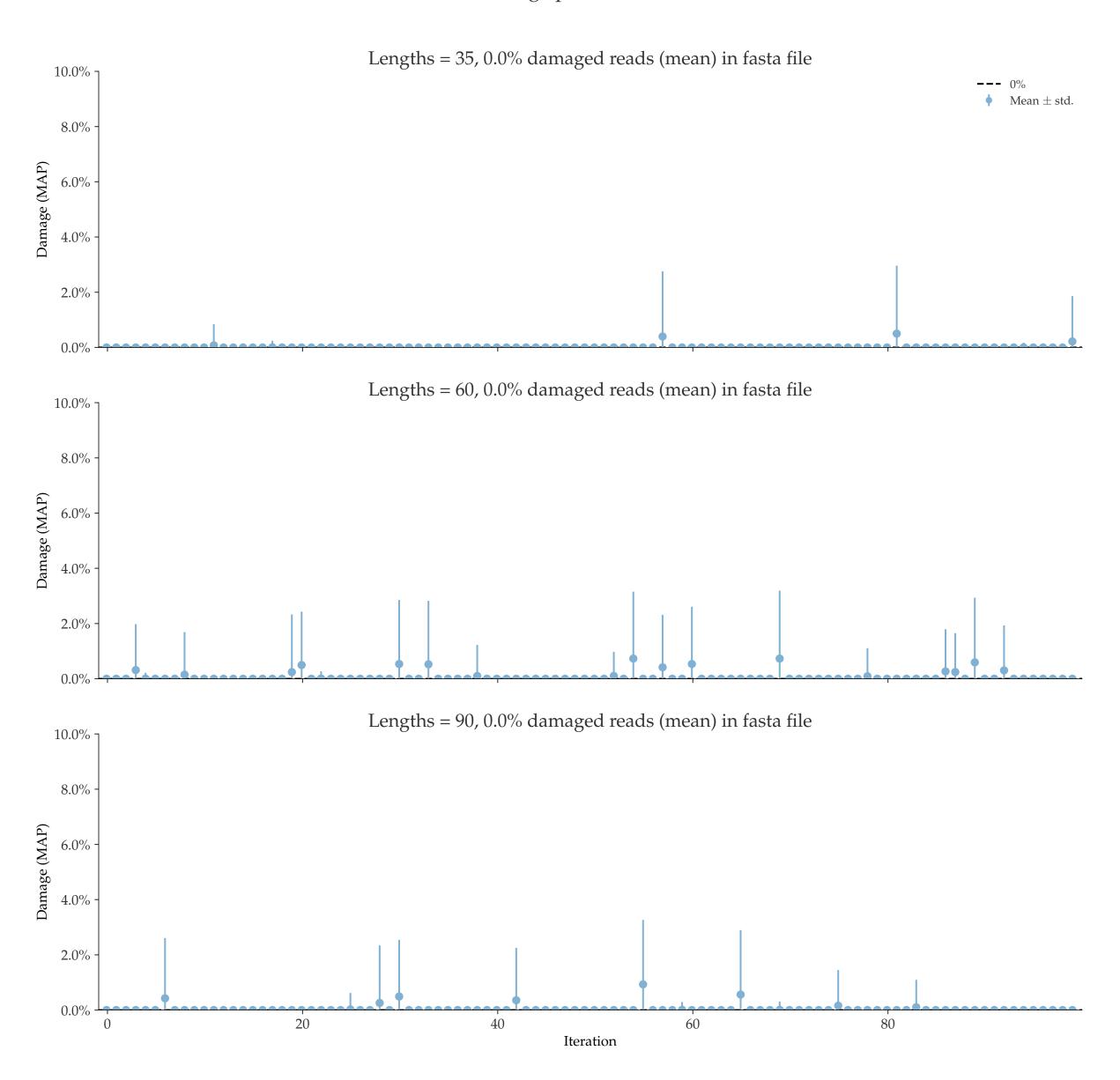
Individual damages: 10 reads Briggs damage = 0.0 Damage percent = 0%



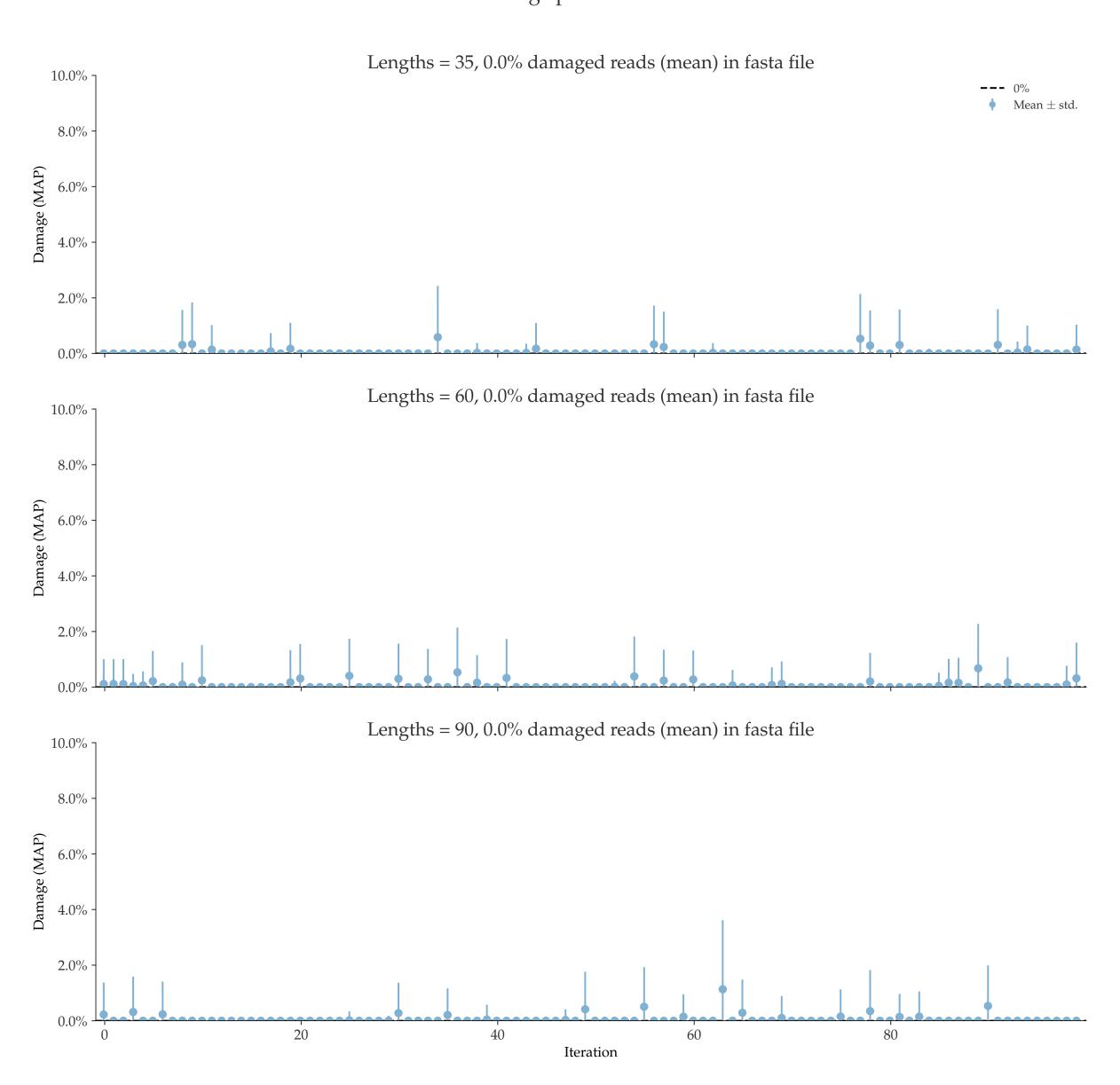
Individual damages: 25 reads Briggs damage = 0.0 Damage percent = 0%



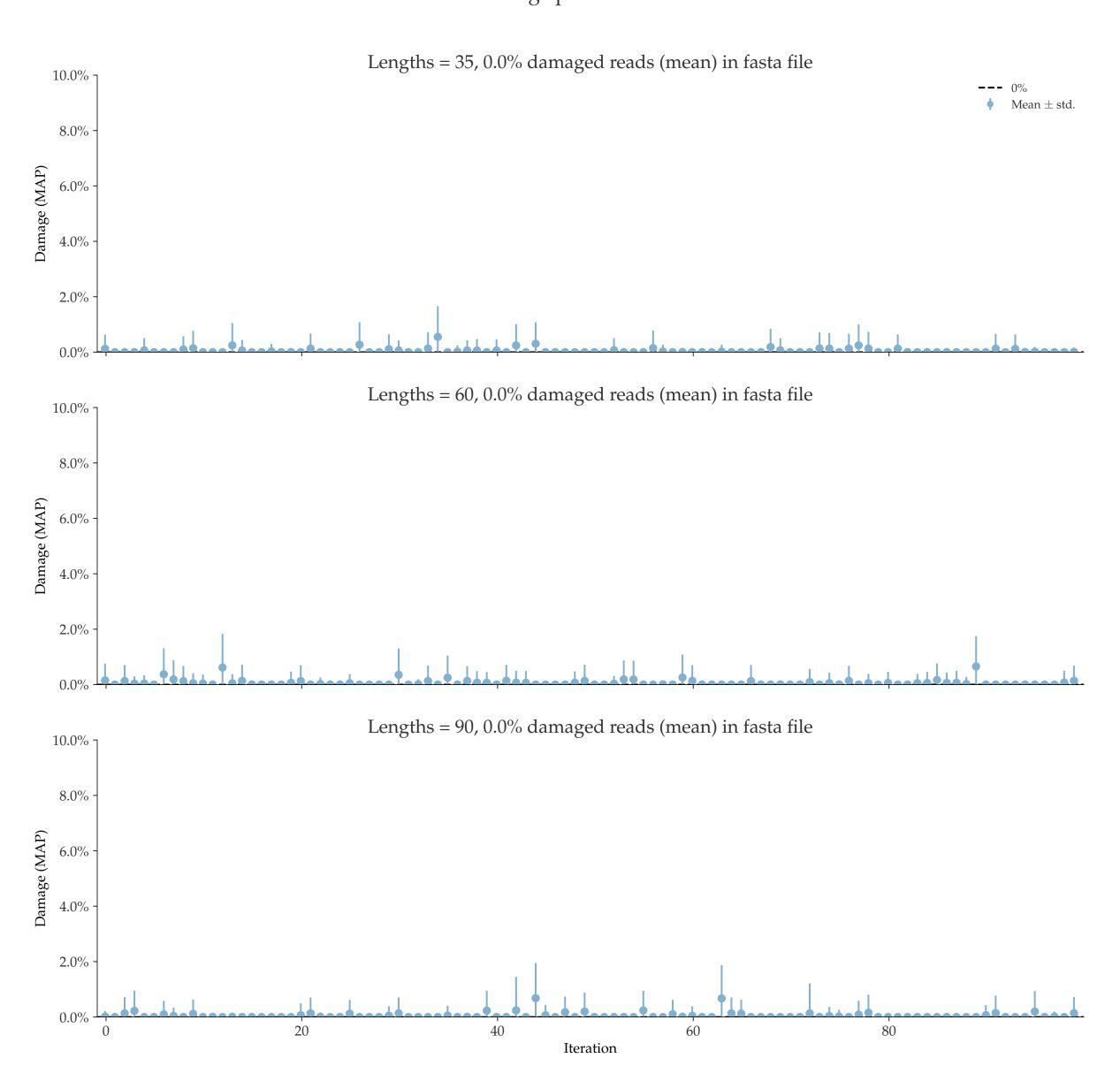
Individual damages: 50 reads Briggs damage = 0.0 Damage percent = 0%



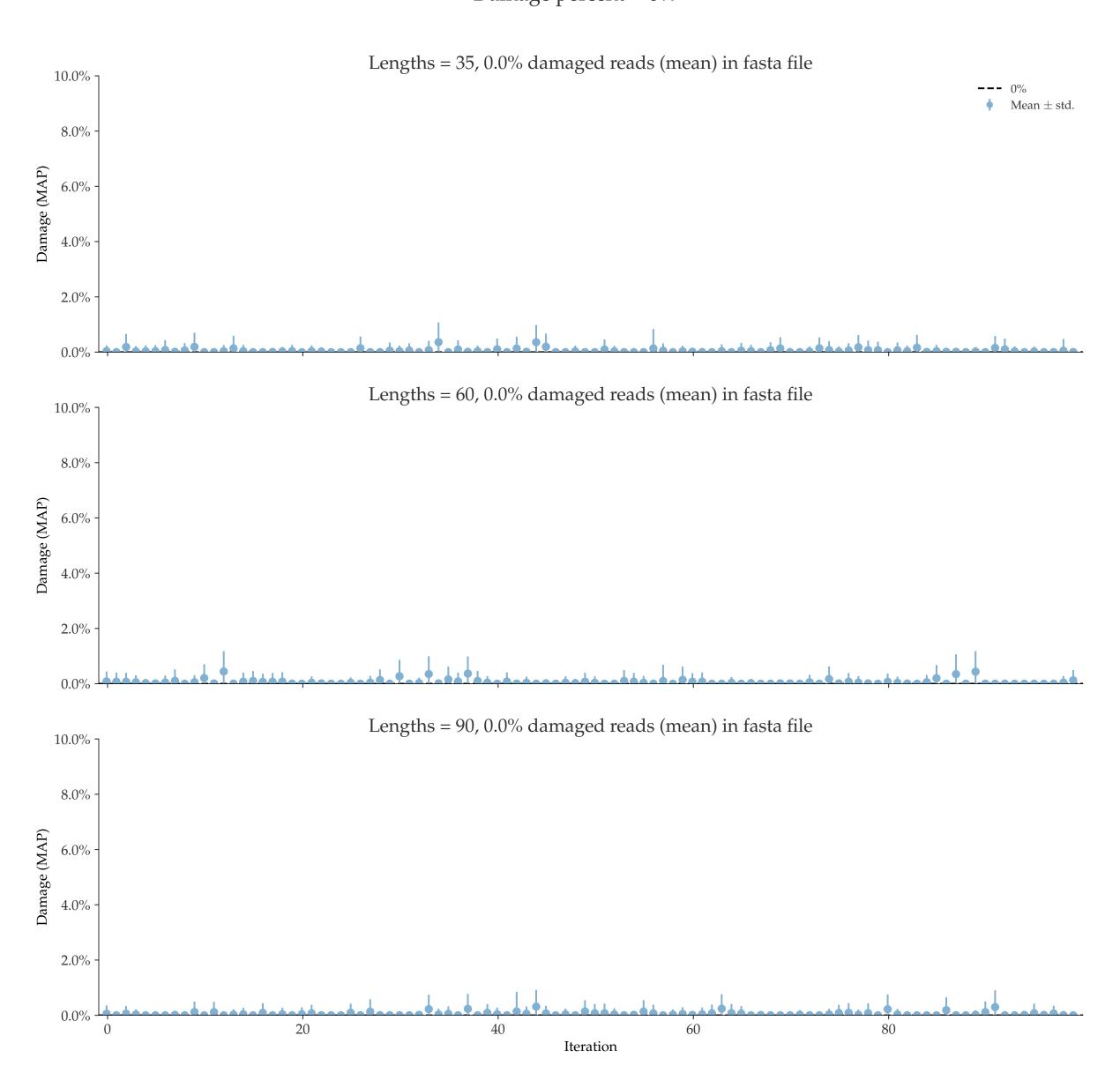
Individual damages: 100 reads Briggs damage = 0.0 Damage percent = 0%



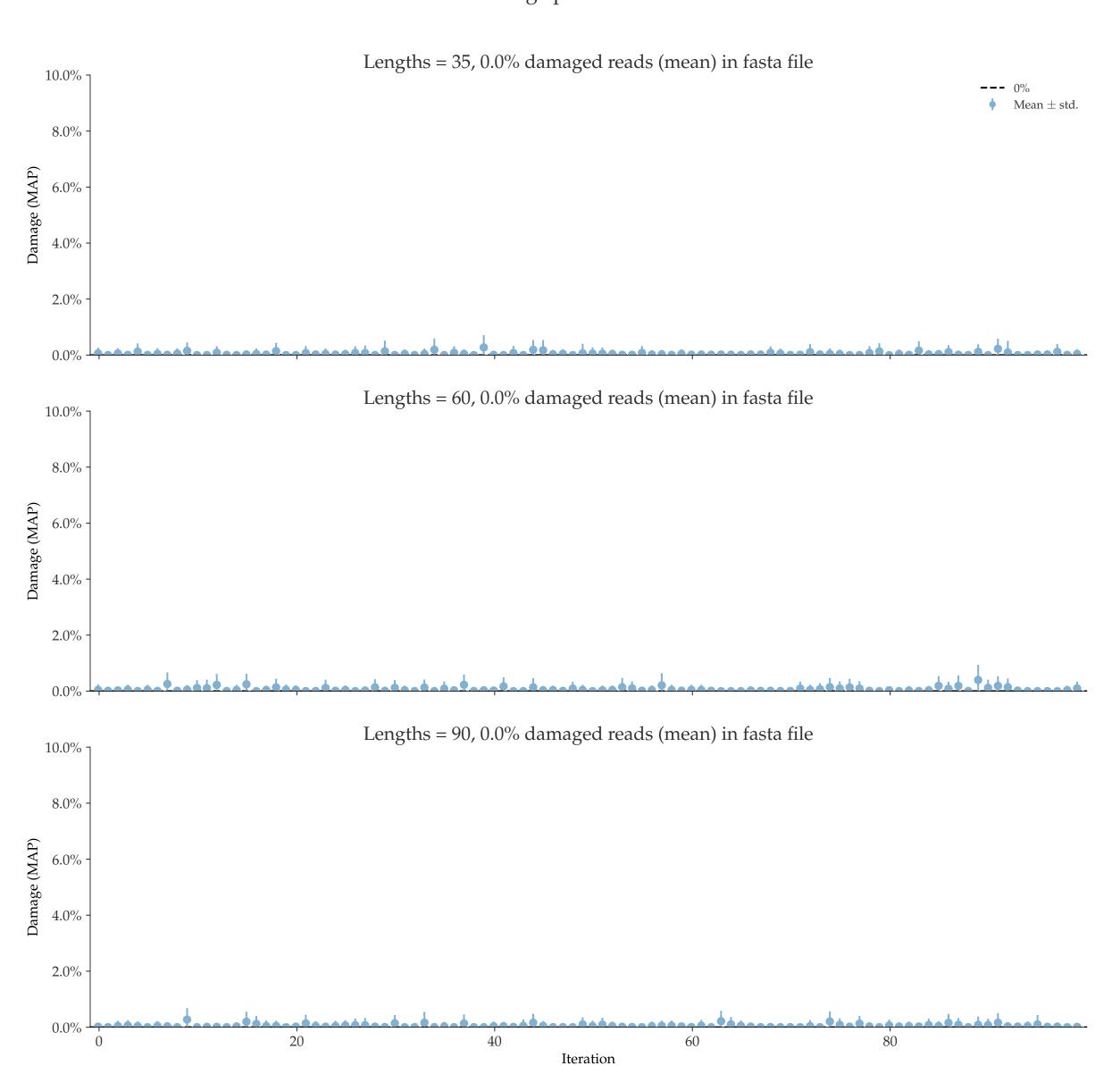
Individual damages: 250 reads Briggs damage = 0.0 Damage percent = 0%



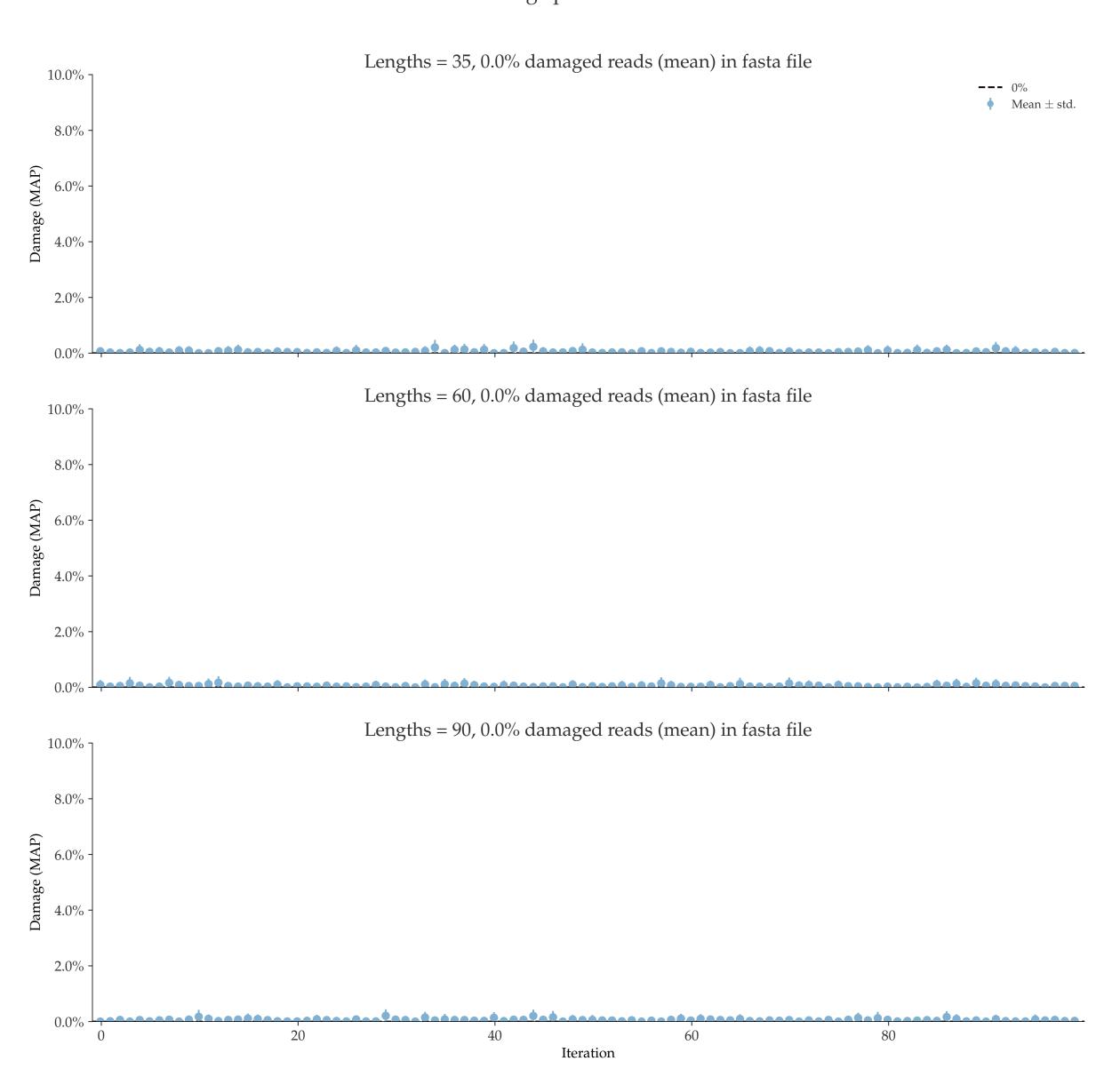
Individual damages: 500 reads Briggs damage = 0.0 Damage percent = 0%



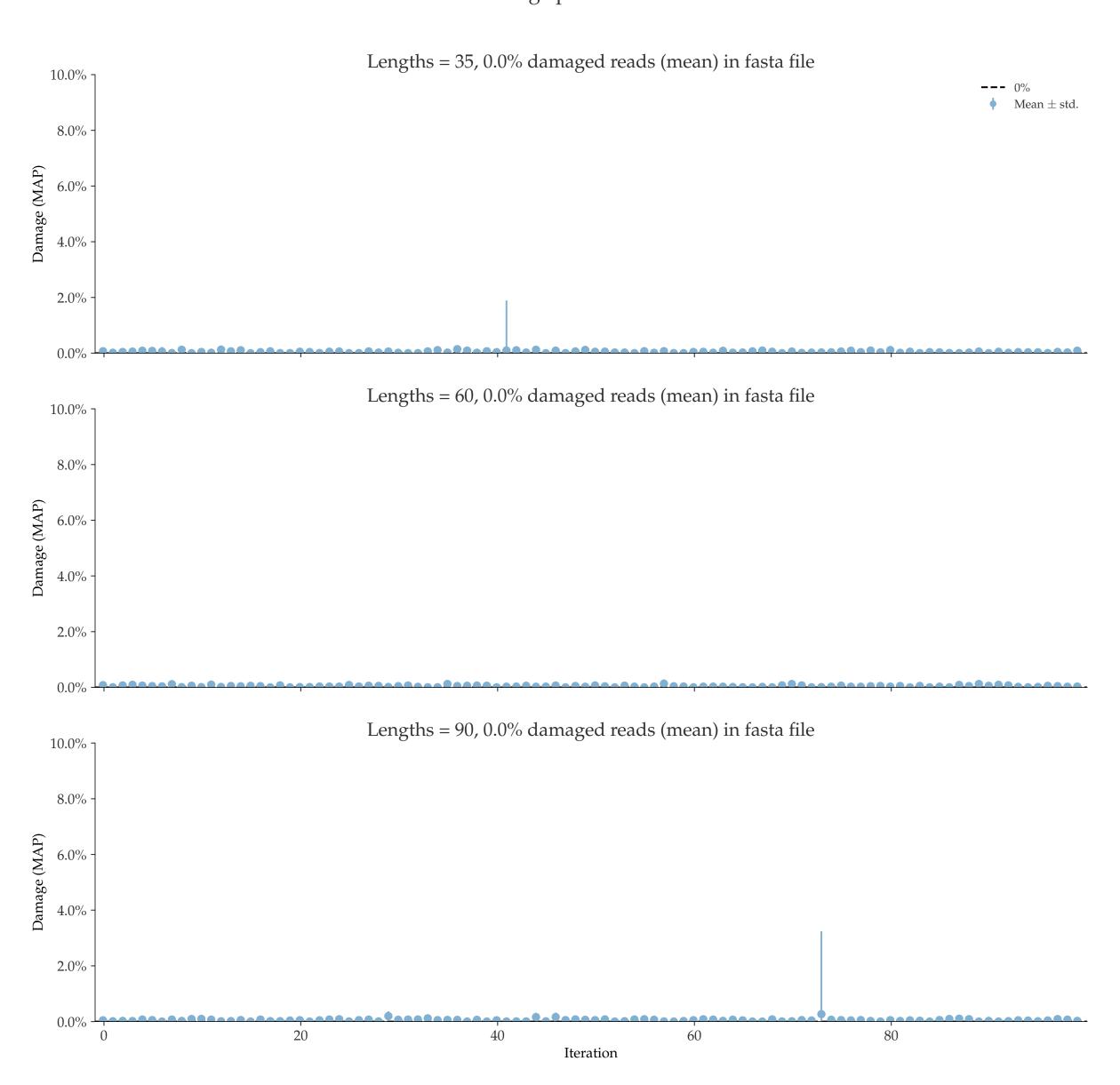
Individual damages: 1000 reads Briggs damage = 0.0 Damage percent = 0%



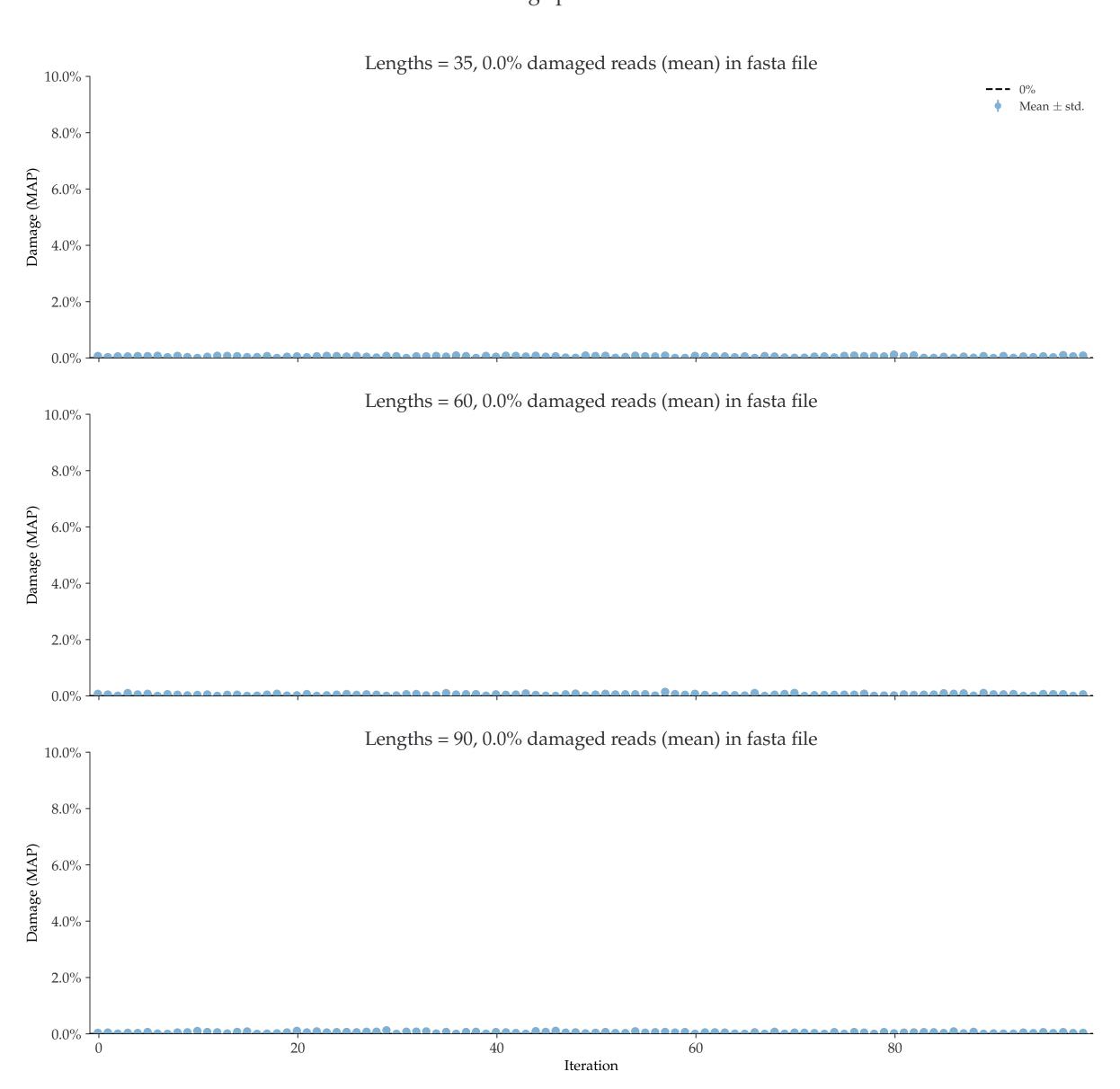
Individual damages: 2500 reads Briggs damage = 0.0 Damage percent = 0%



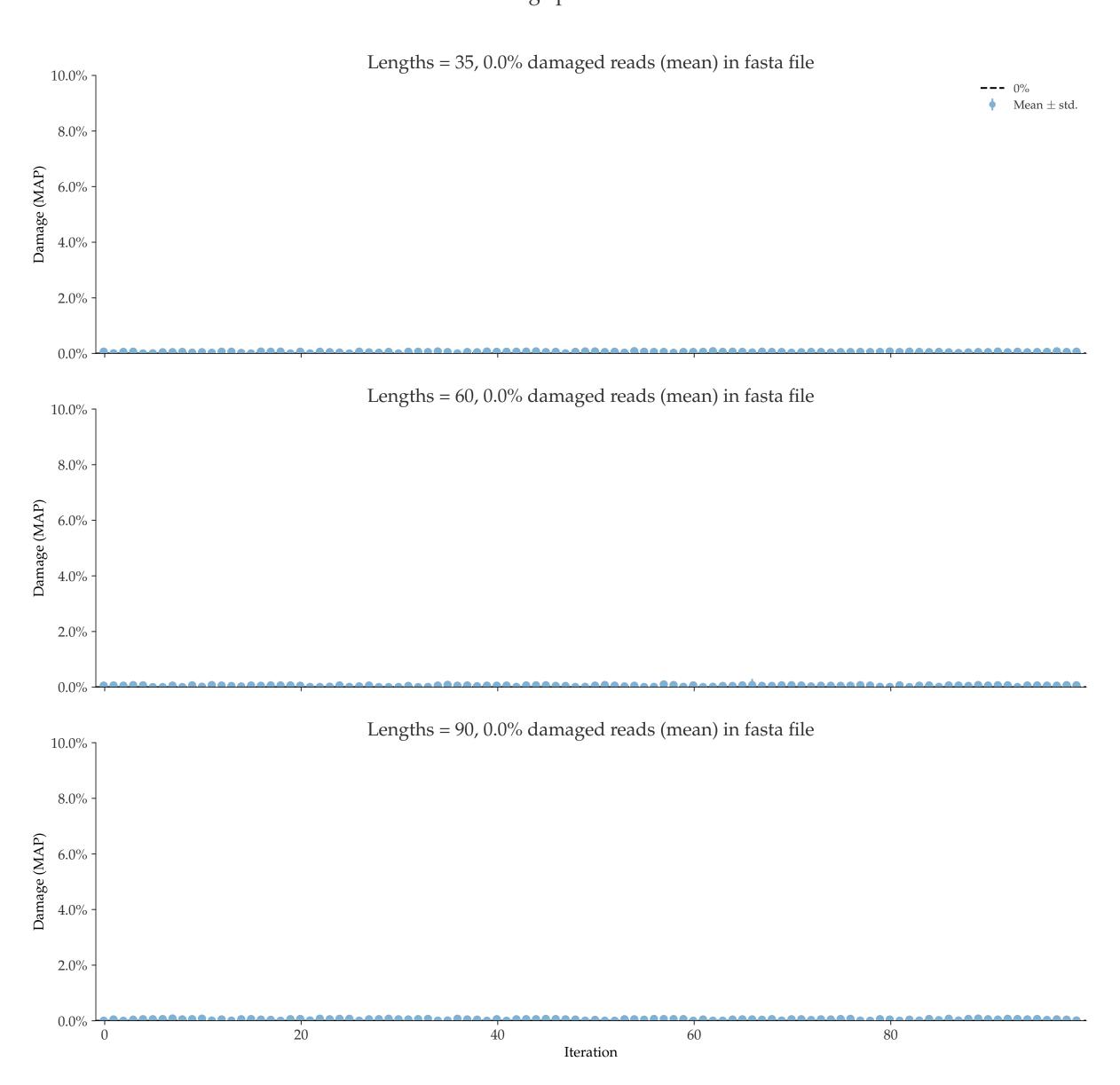
Individual damages: 5000 reads Briggs damage = 0.0 Damage percent = 0%



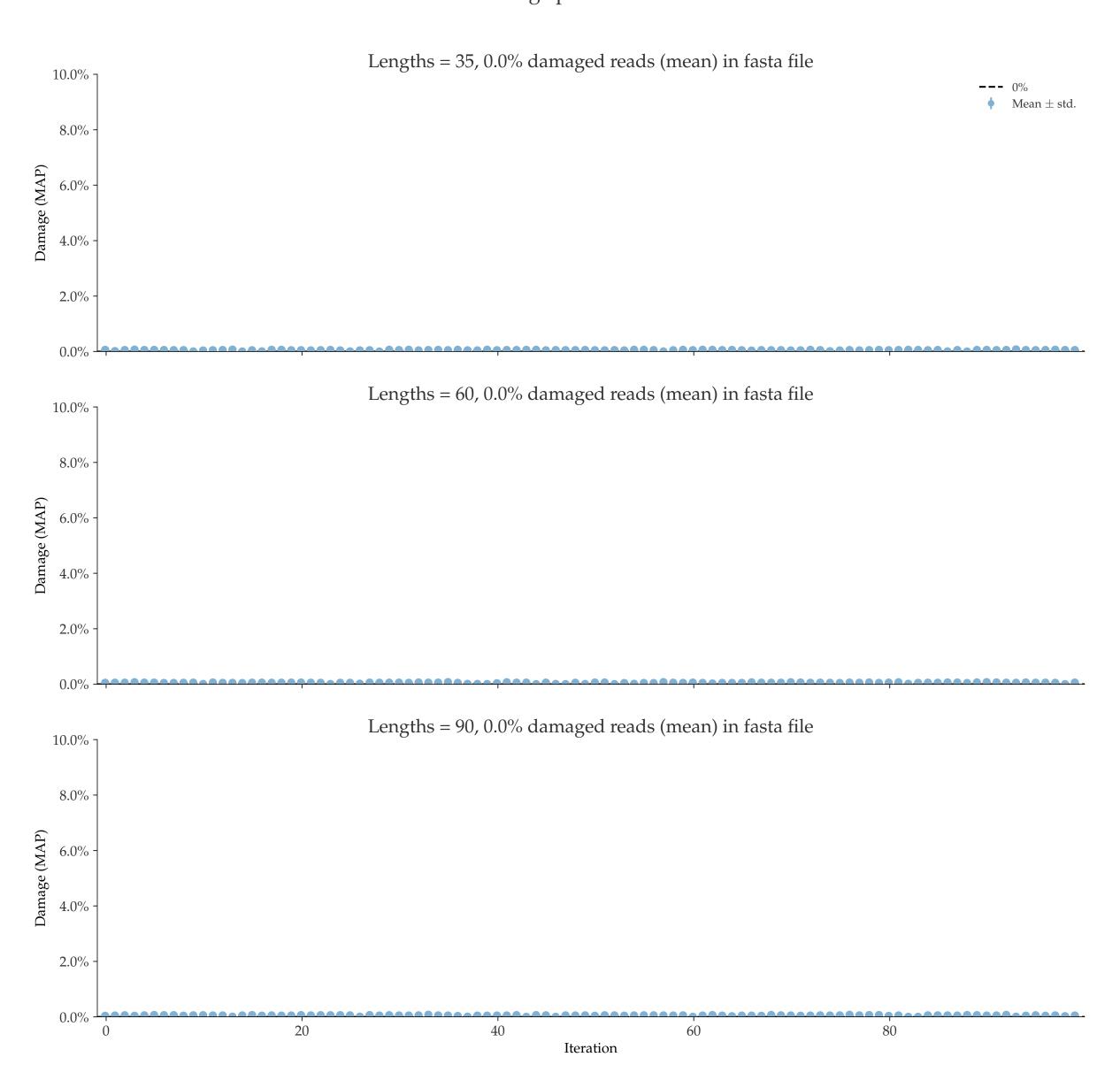
Individual damages: 10000 reads Briggs damage = 0.0 Damage percent = 0%



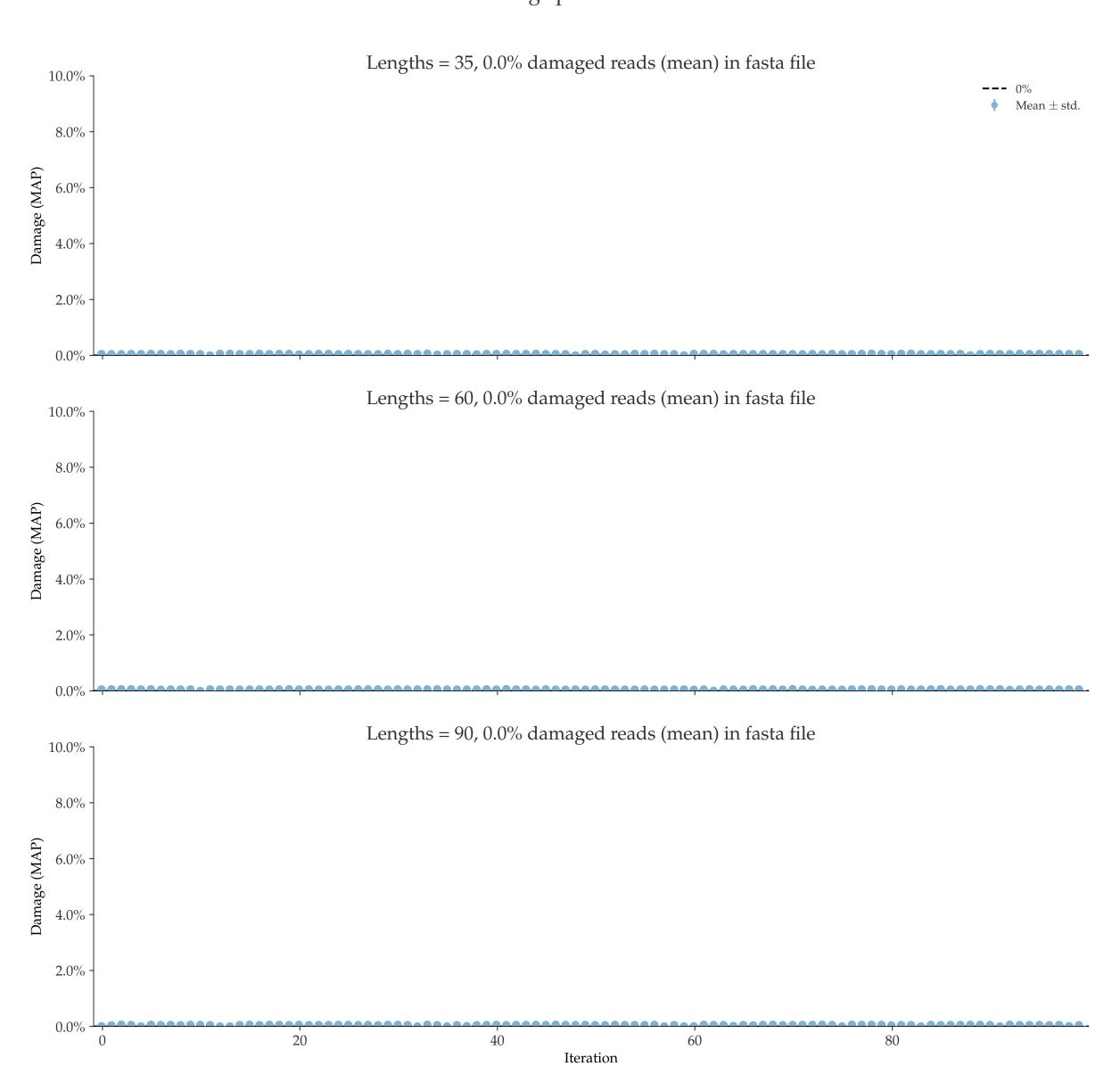
Individual damages: 25000 reads Briggs damage = 0.0 Damage percent = 0%



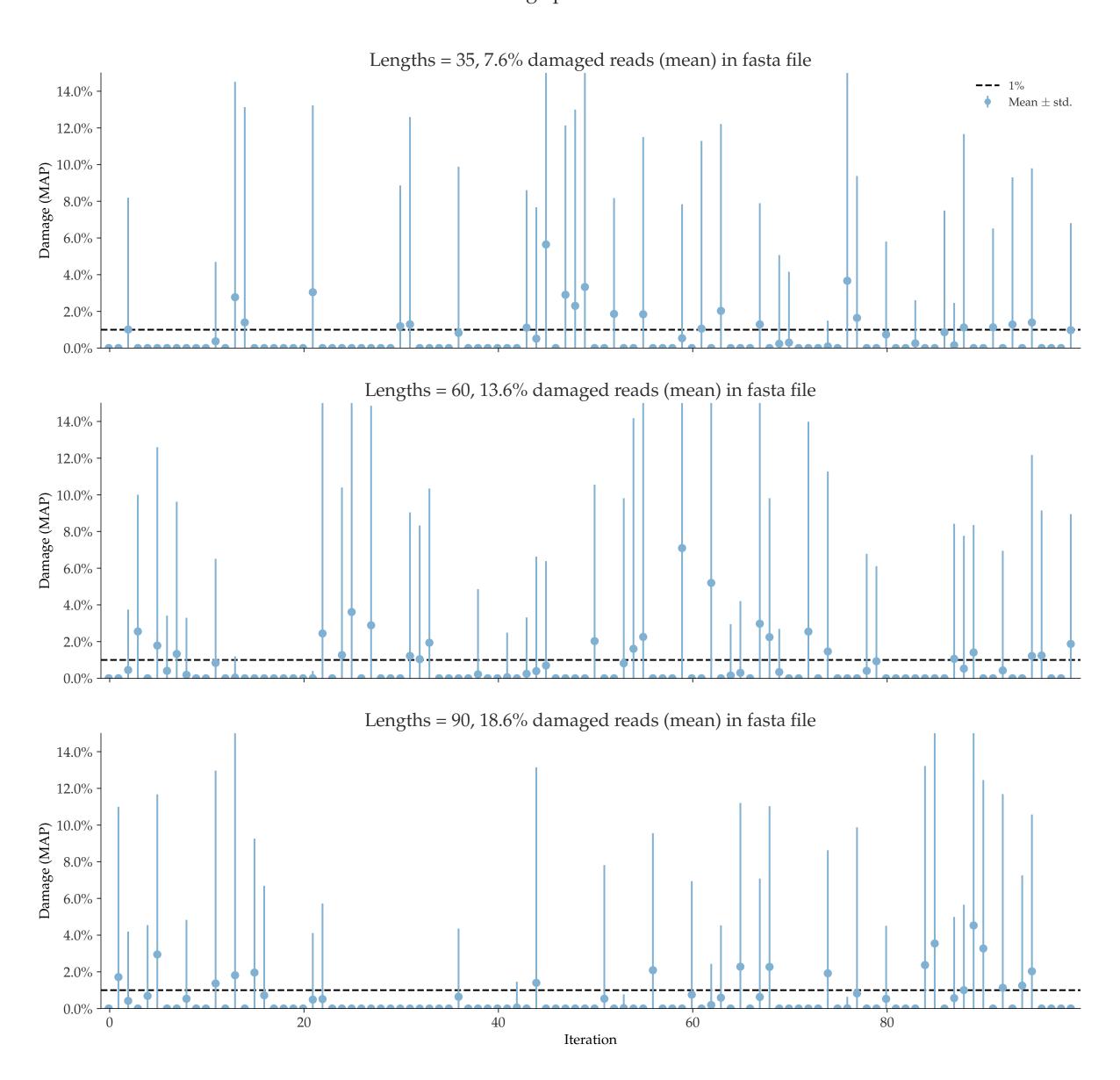
Individual damages: 50000 reads Briggs damage = 0.0 Damage percent = 0%



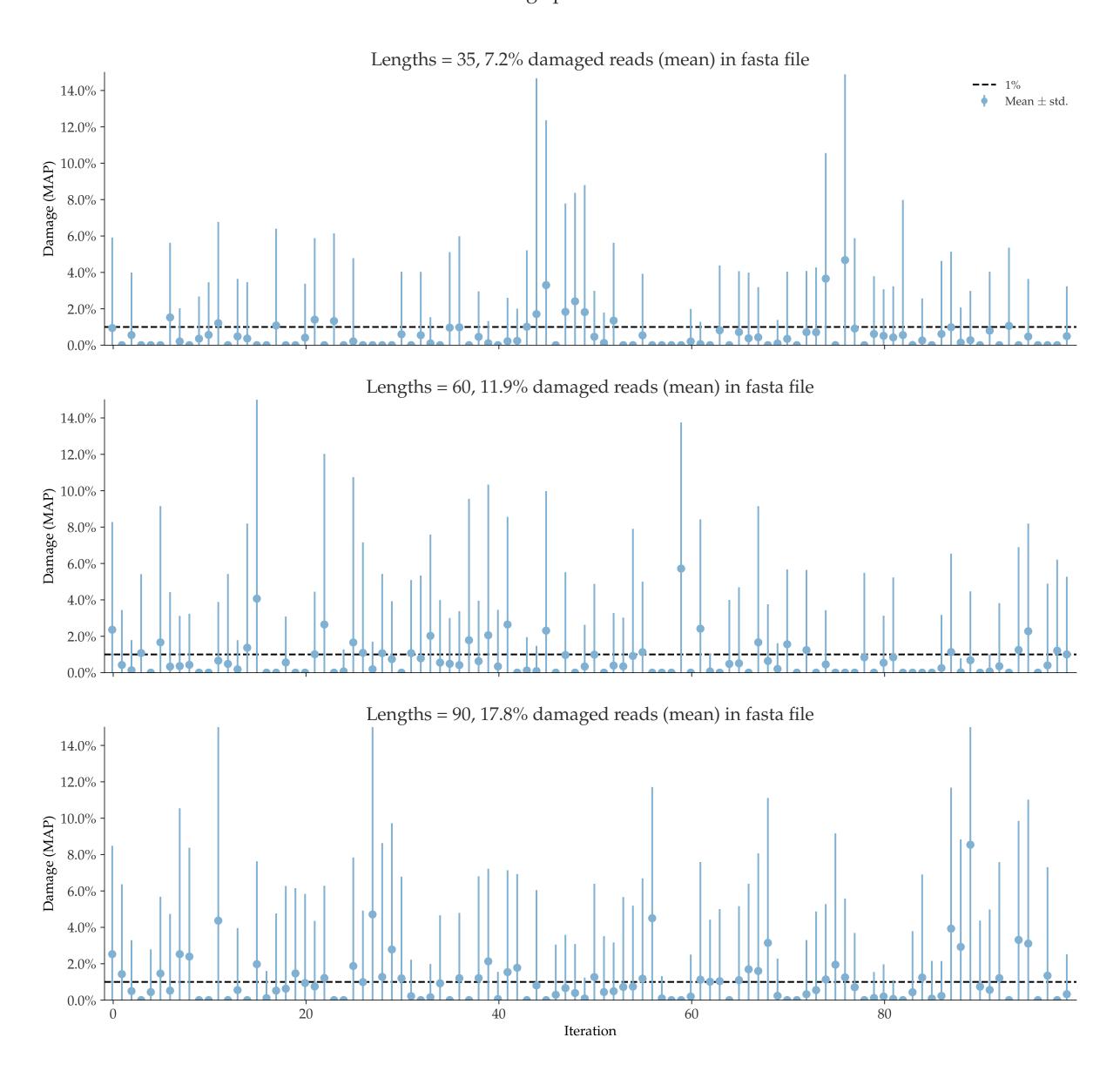
Individual damages: 100000 reads Briggs damage = 0.0 Damage percent = 0%



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

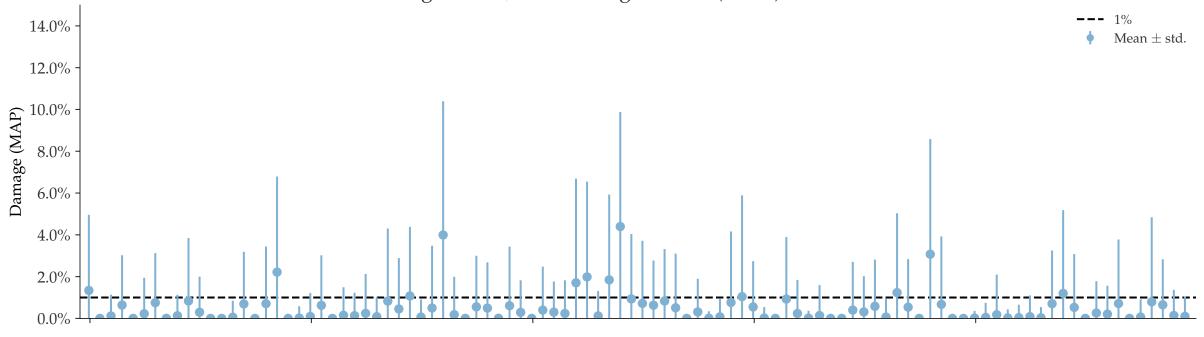


Individual damages: 25 reads Briggs damage = 0.014 Damage percent = 1%

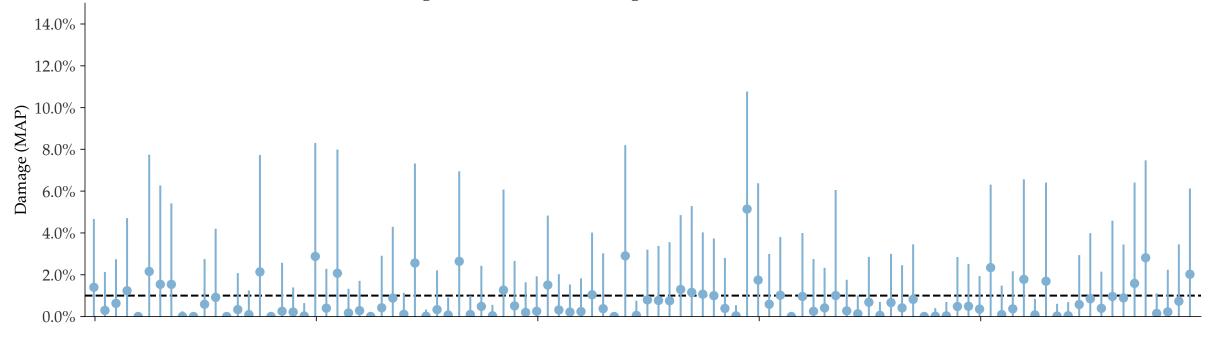


Individual damages: 50 reads Briggs damage = 0.014 Damage percent = 1%

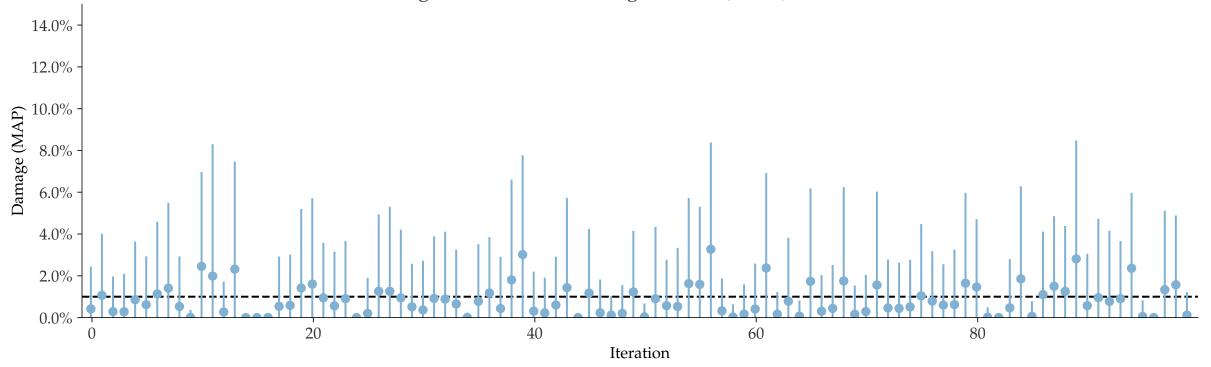
Lengths = 35, 7.3% damaged reads (mean) in fasta file



Lengths = 60, 11.8% damaged reads (mean) in fasta file

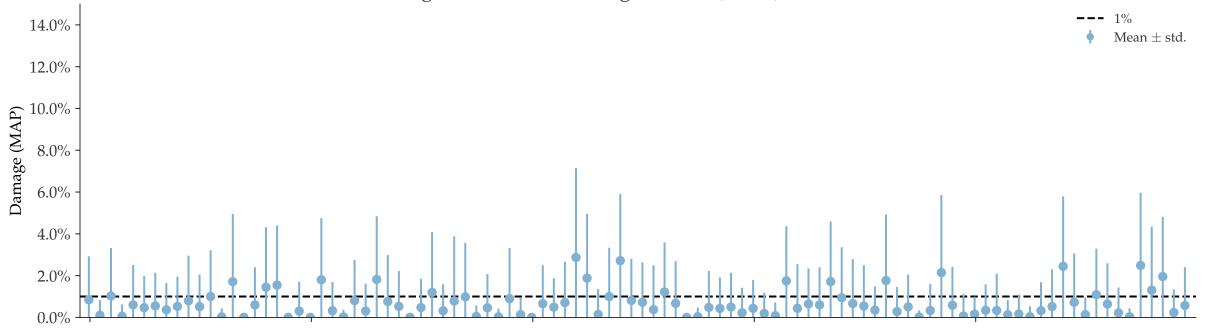


Lengths = 90, 17.6% damaged reads (mean) in fasta file

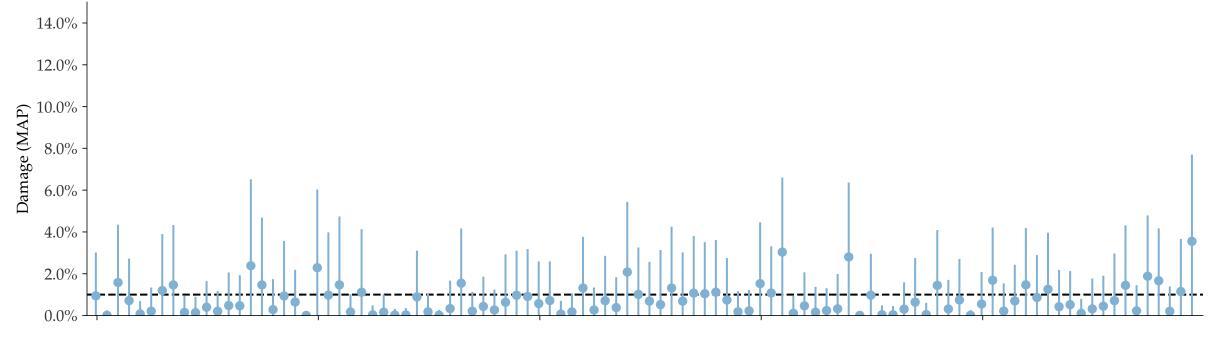


Individual damages: 100 reads Briggs damage = 0.014 Damage percent = 1%

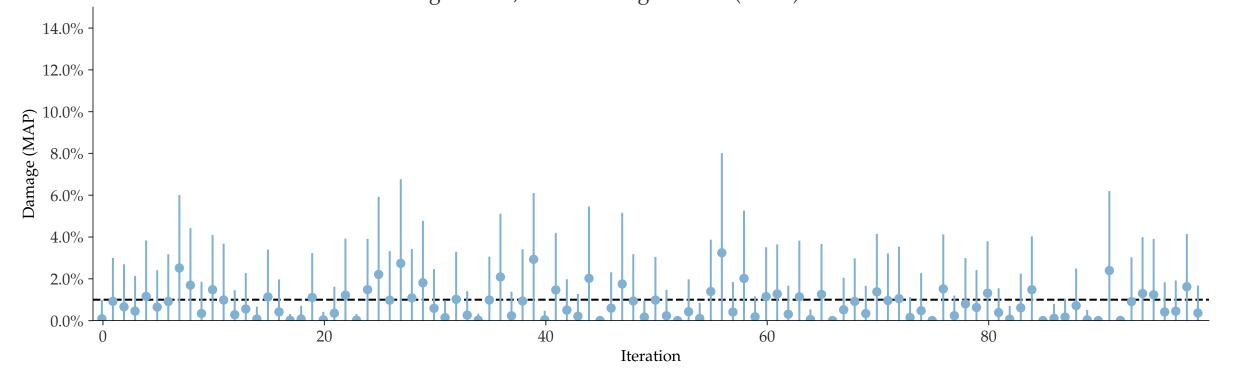
Lengths = 35, 7.0% damaged reads (mean) in fasta file



Lengths = 60, 11.8% damaged reads (mean) in fasta file

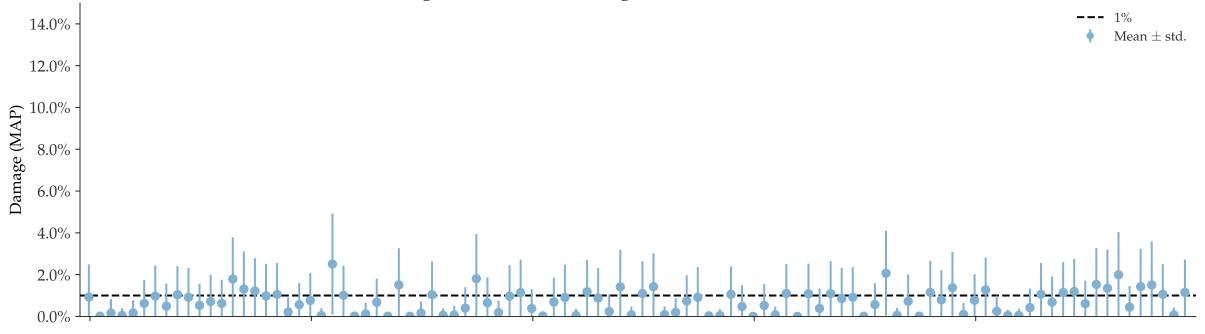


Lengths = 90, 17.2% damaged reads (mean) in fasta file

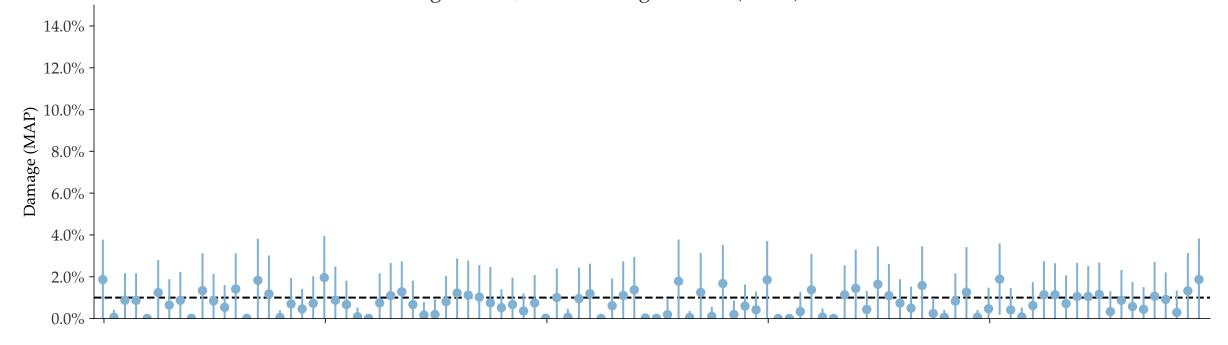


Individual damages: 250 reads Briggs damage = 0.014 Damage percent = 1%

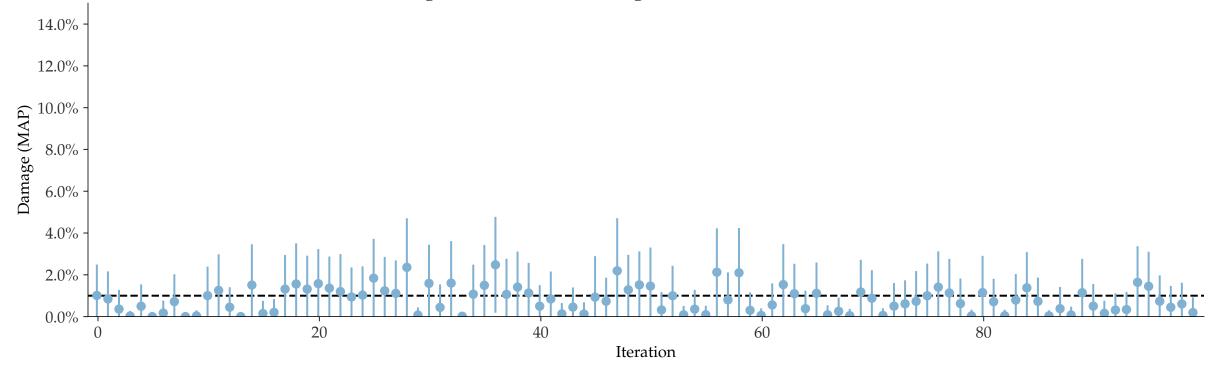




Lengths = 60, 12.2% damaged reads (mean) in fasta file

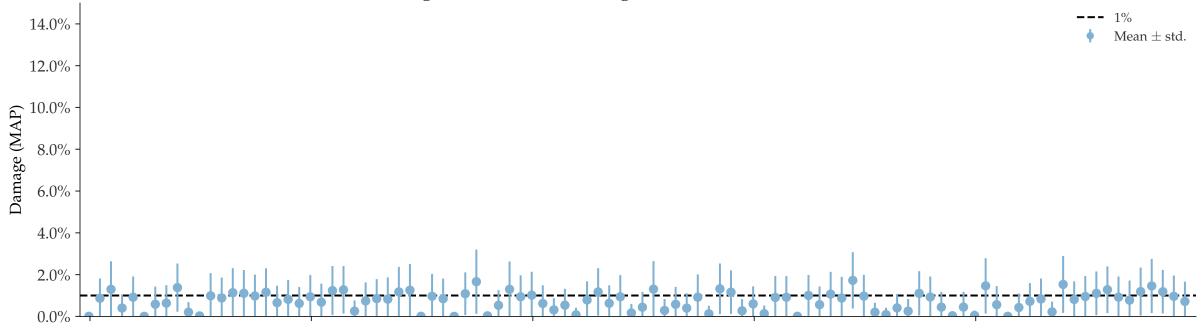


Lengths = 90, 17.2% damaged reads (mean) in fasta file

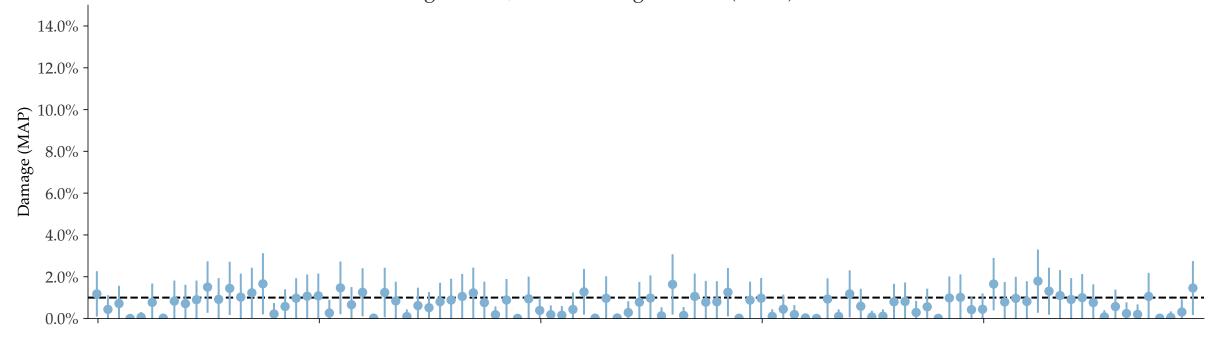


Individual damages: 500 reads Briggs damage = 0.014 Damage percent = 1%

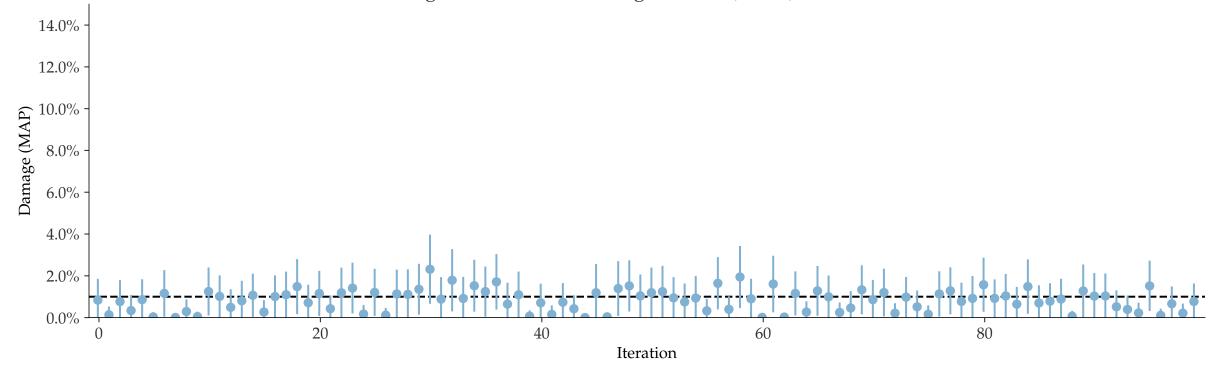




Lengths = 60, 12.1% damaged reads (mean) in fasta file

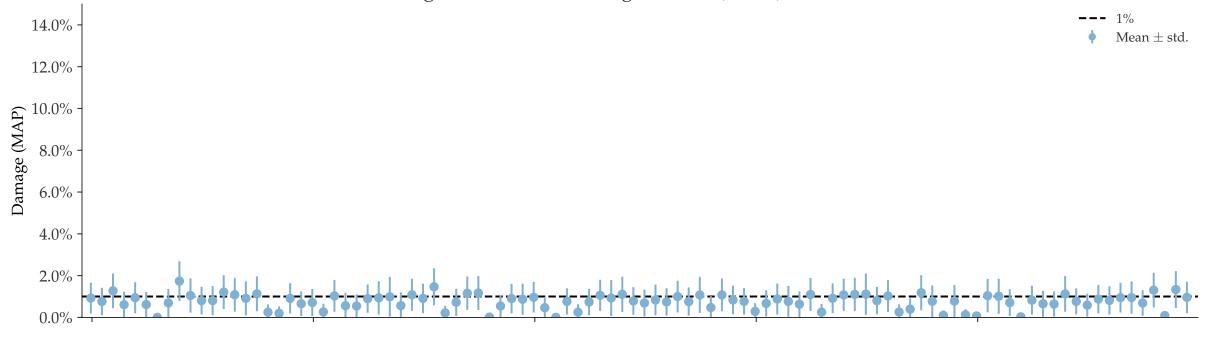


Lengths = 90, 17.6% damaged reads (mean) in fasta file

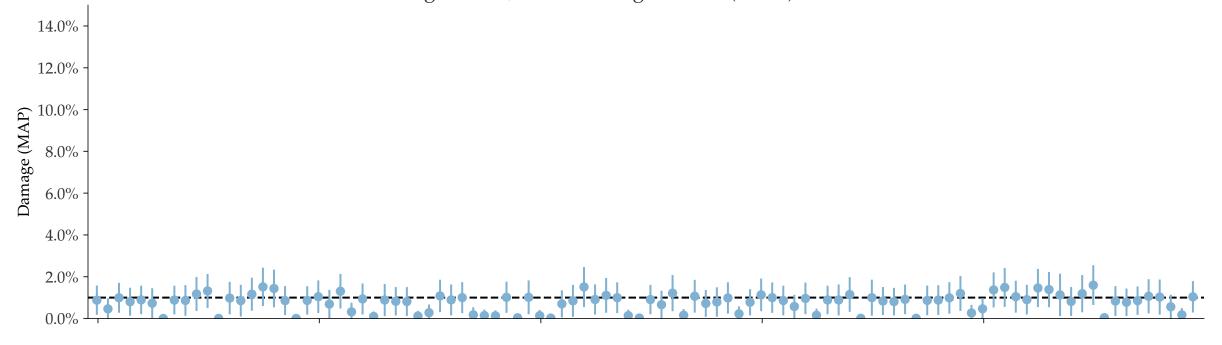


Individual damages: 1000 reads Briggs damage = 0.014 Damage percent = 1%

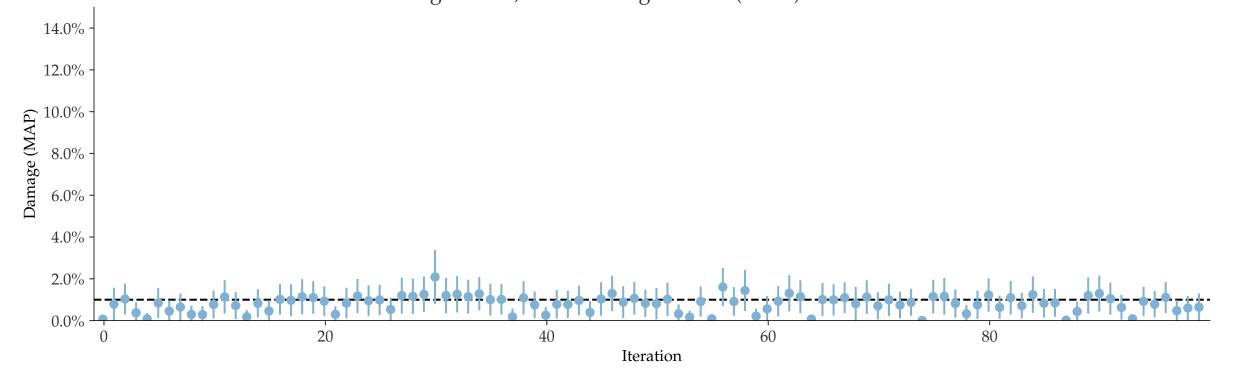
Lengths = 35, 7.3% damaged reads (mean) in fasta file



Lengths = 60, 12.0% damaged reads (mean) in fasta file

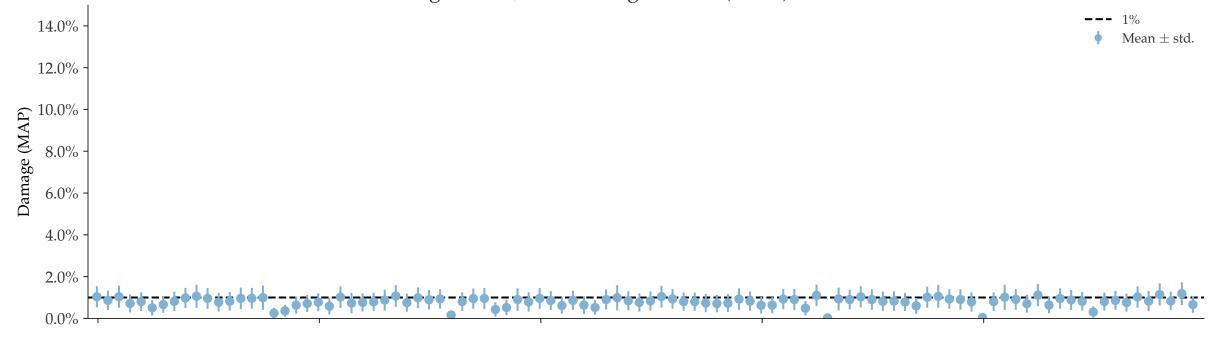


Lengths = 90, 17.5% damaged reads (mean) in fasta file

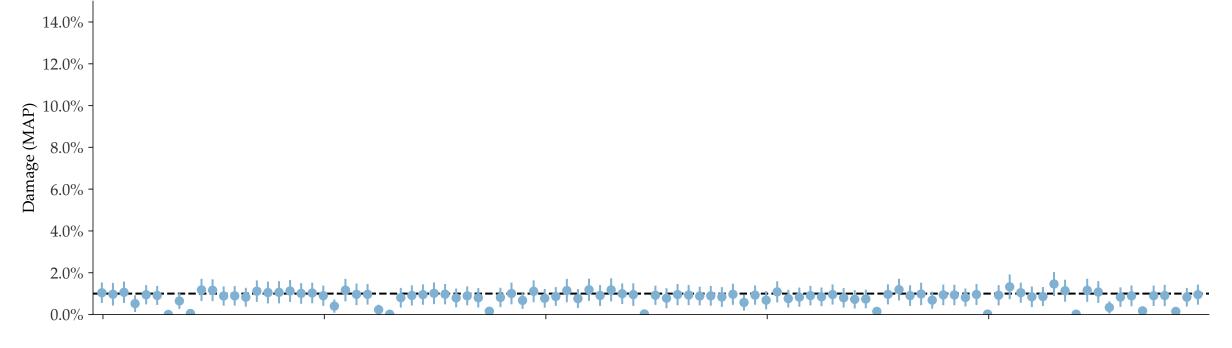


Individual damages: 2500 reads Briggs damage = 0.014 Damage percent = 1%

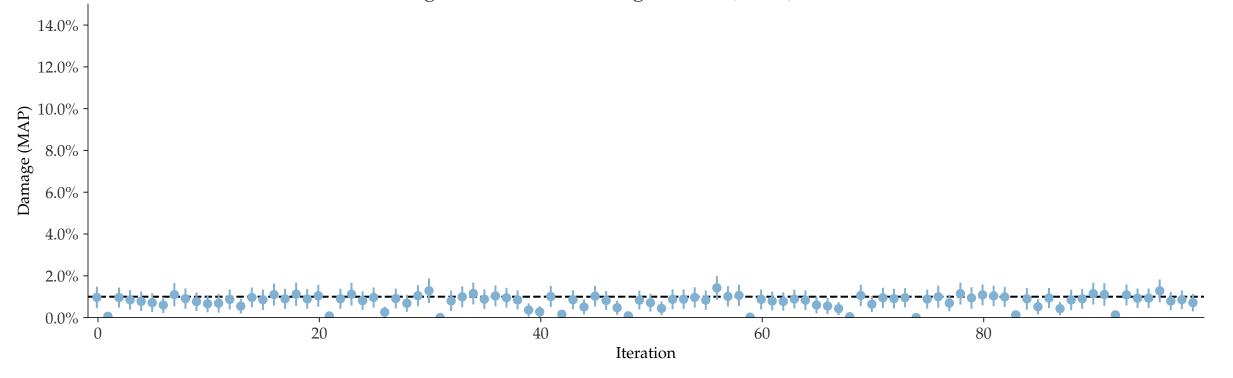




Lengths = 60, 12.1% damaged reads (mean) in fasta file

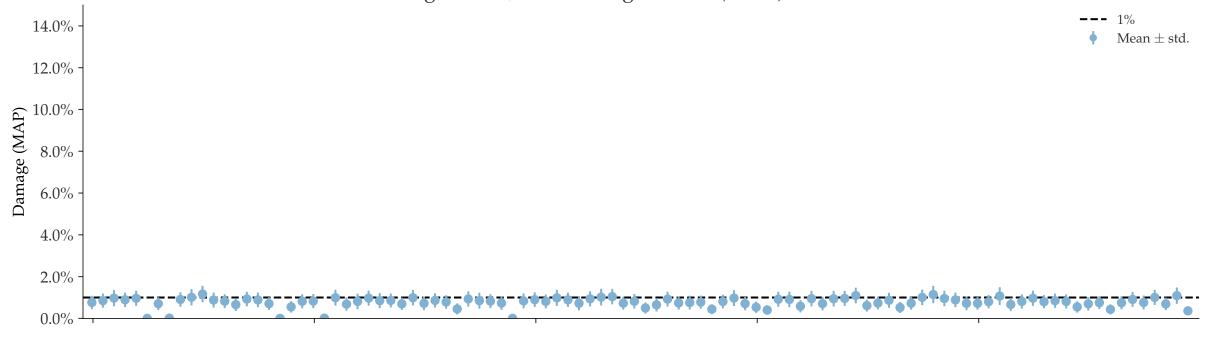


Lengths = 90, 17.5% damaged reads (mean) in fasta file

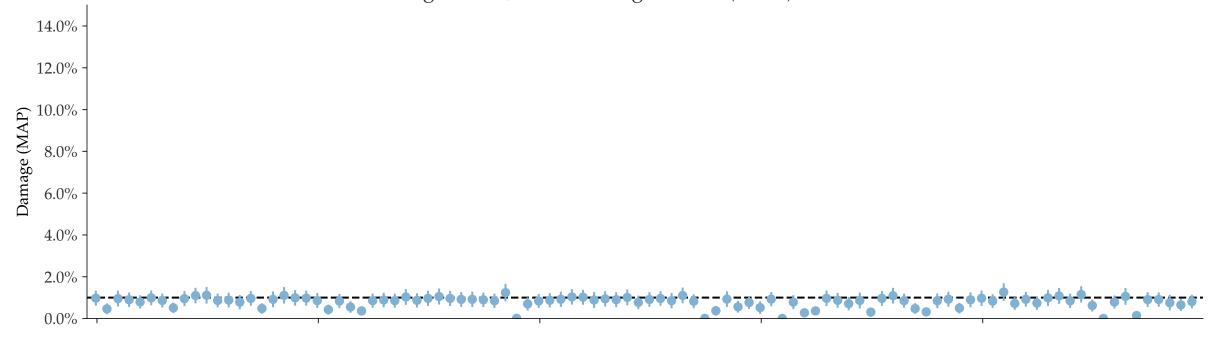


Individual damages: 5000 reads Briggs damage = 0.014 Damage percent = 1%

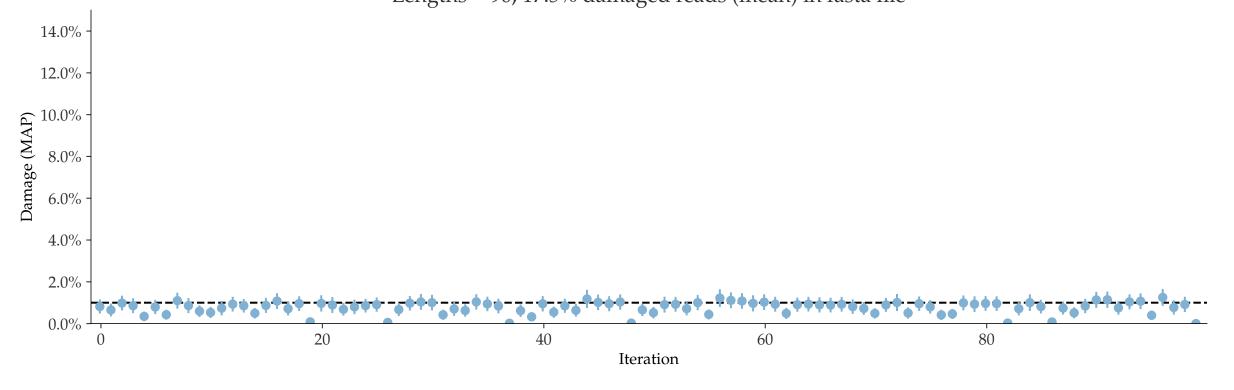




Lengths = 60, 12.0% damaged reads (mean) in fasta file

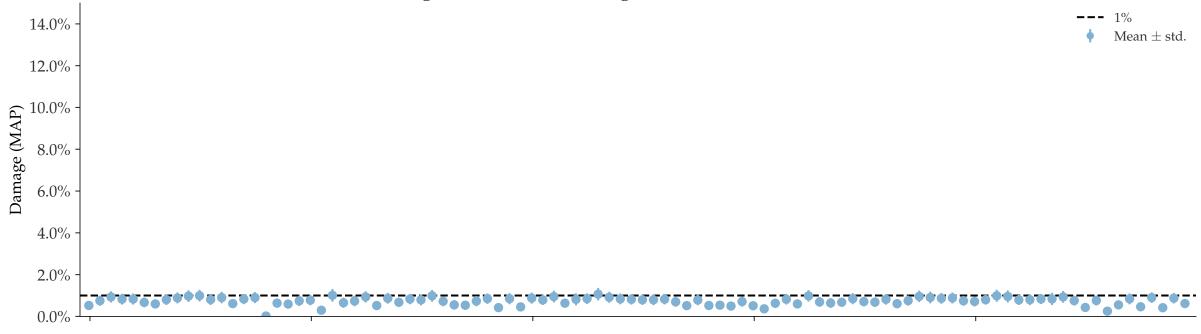


Lengths = 90, 17.5% damaged reads (mean) in fasta file

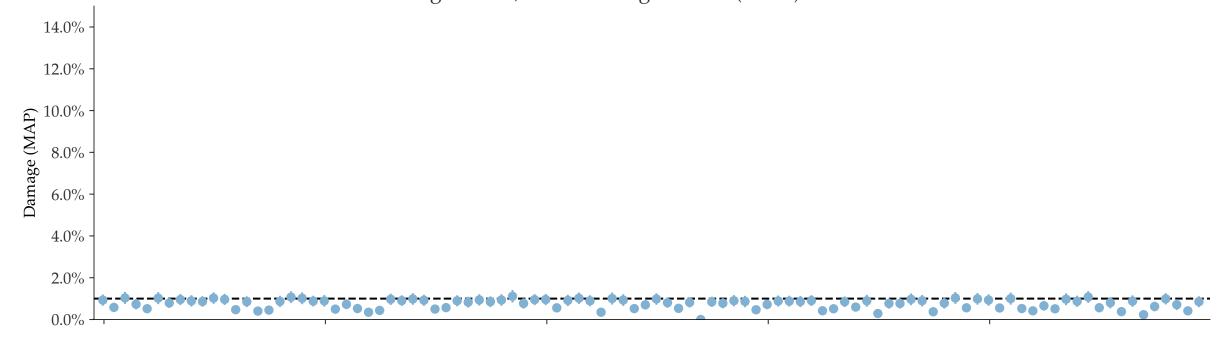


Individual damages: 10000 reads Briggs damage = 0.014 Damage percent = 1%

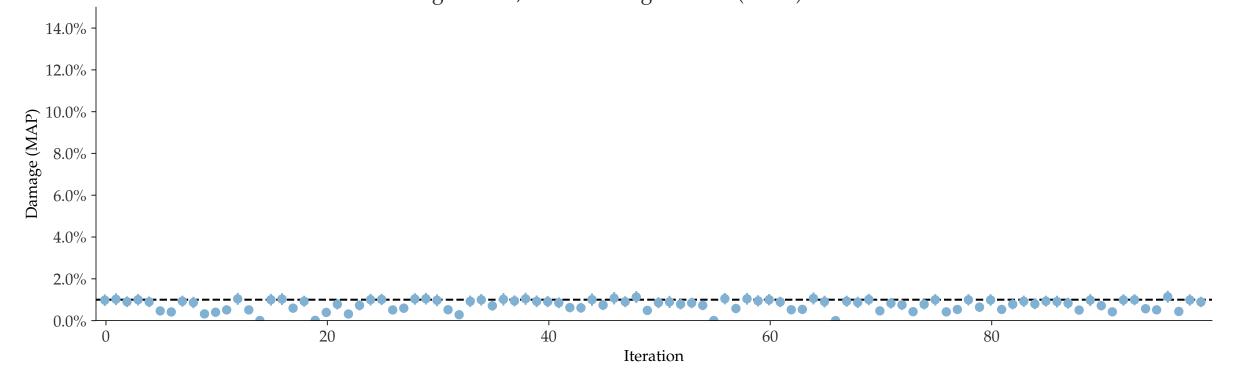




Lengths = 60, 12.0% damaged reads (mean) in fasta file

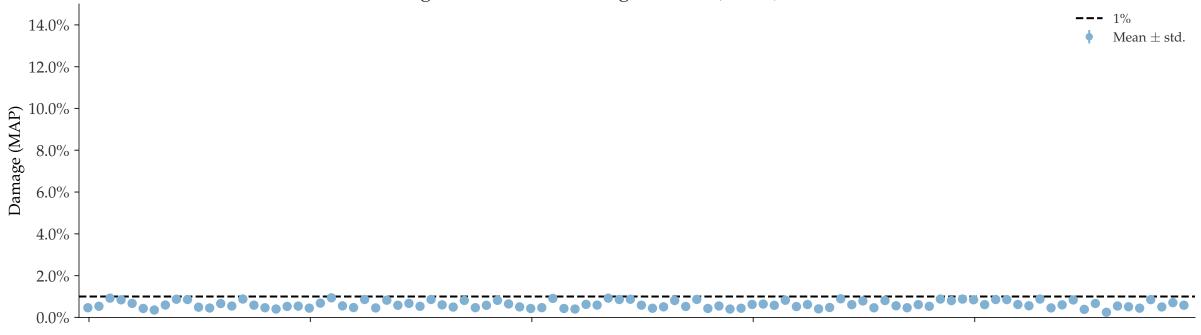


Lengths = 90, 17.4% damaged reads (mean) in fasta file

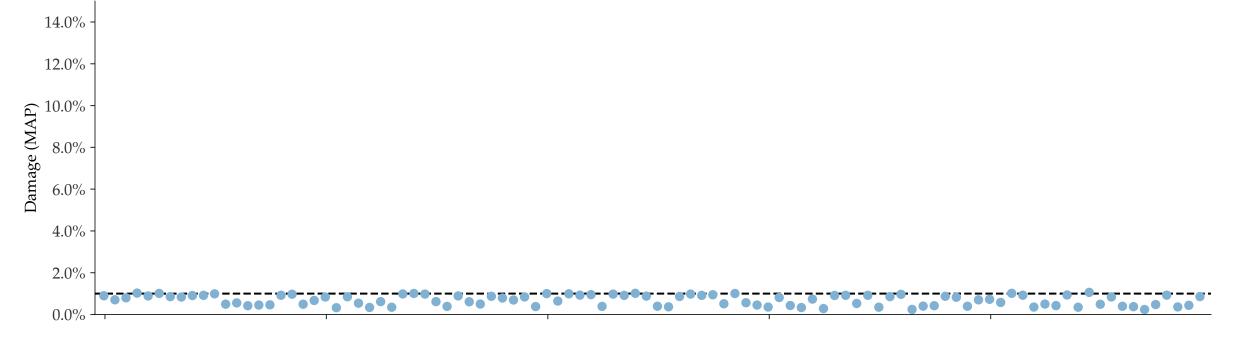


Individual damages: 25000 reads Briggs damage = 0.014 Damage percent = 1%

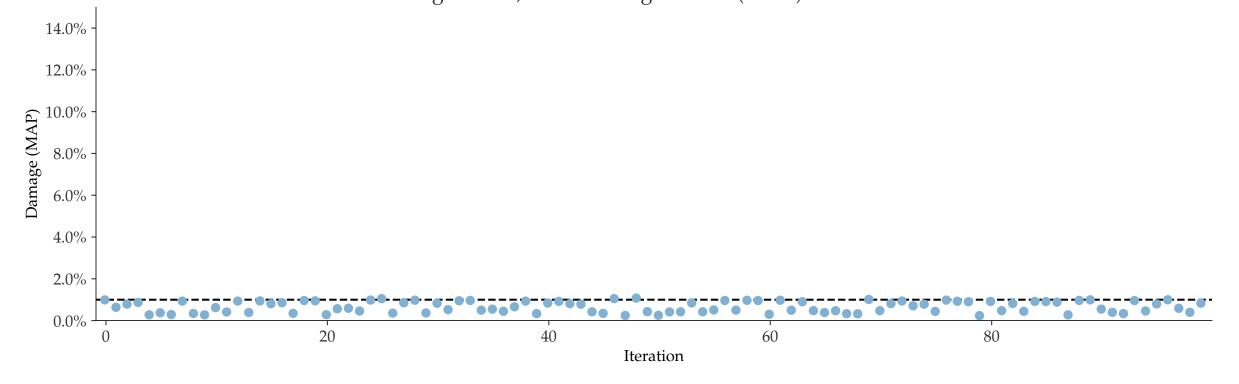




Lengths = 60, 12.0% damaged reads (mean) in fasta file

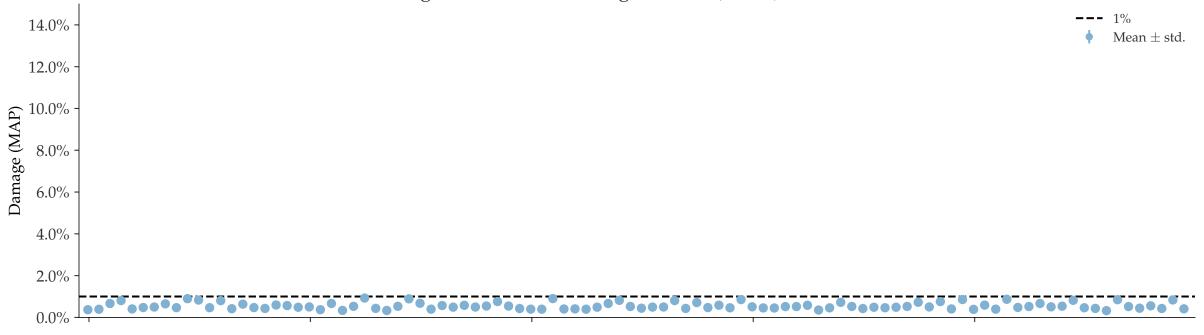


Lengths = 90, 17.4% damaged reads (mean) in fasta file

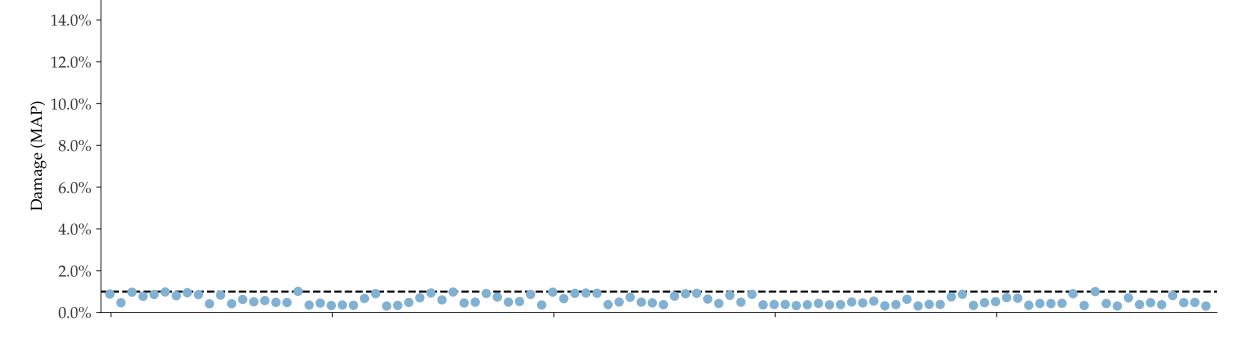


Individual damages: 50000 reads Briggs damage = 0.014 Damage percent = 1%

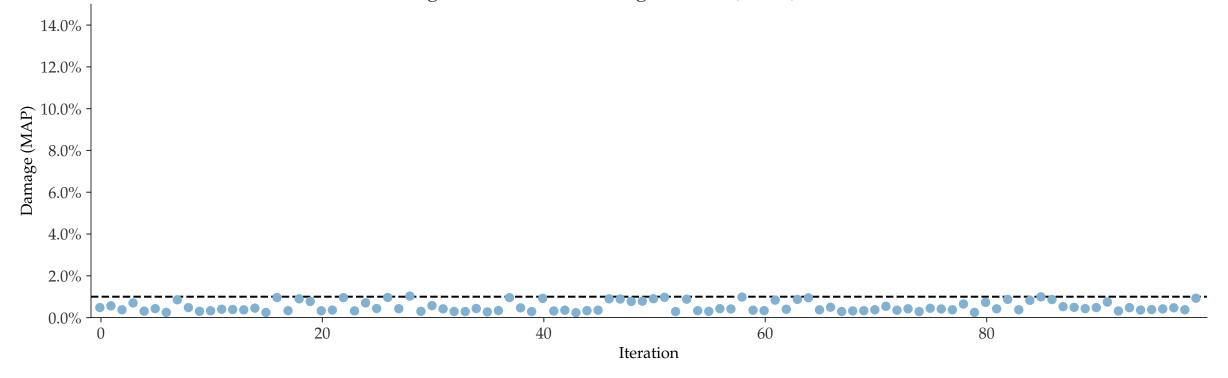




Lengths = 60, 12.0% damaged reads (mean) in fasta file

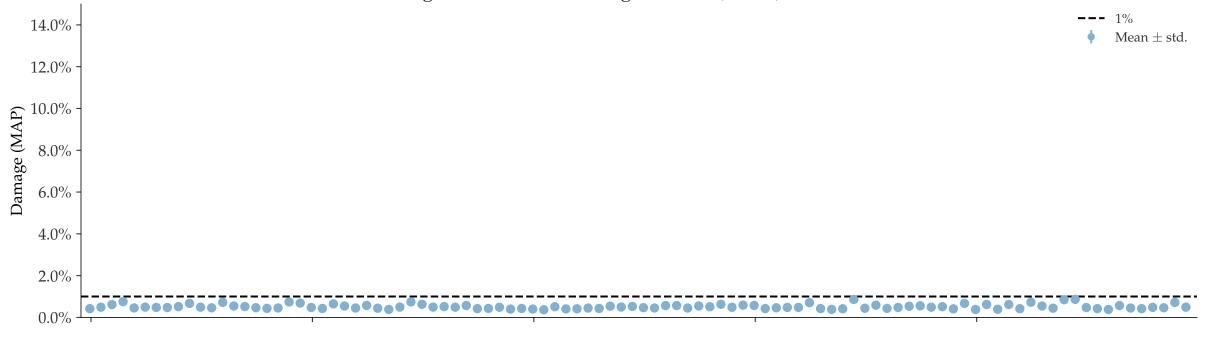


Lengths = 90, 17.5% damaged reads (mean) in fasta file

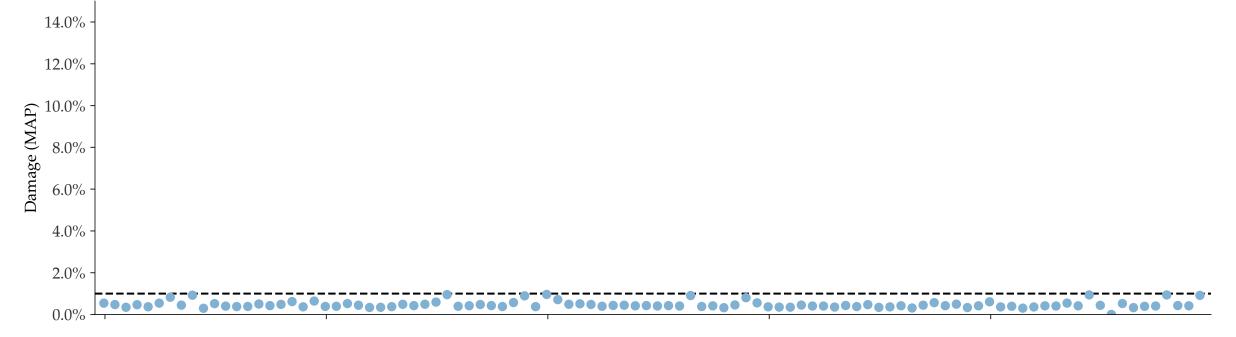


Individual damages: 100000 reads Briggs damage = 0.014 Damage percent = 1%

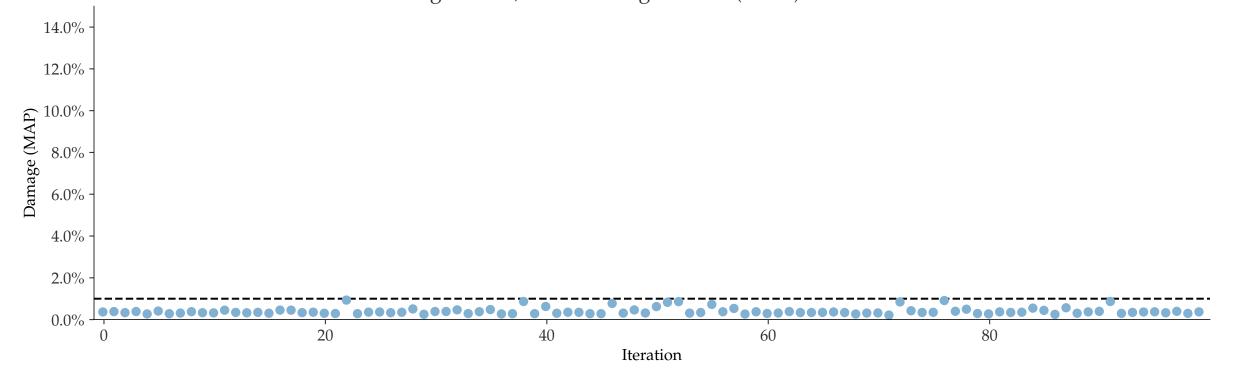




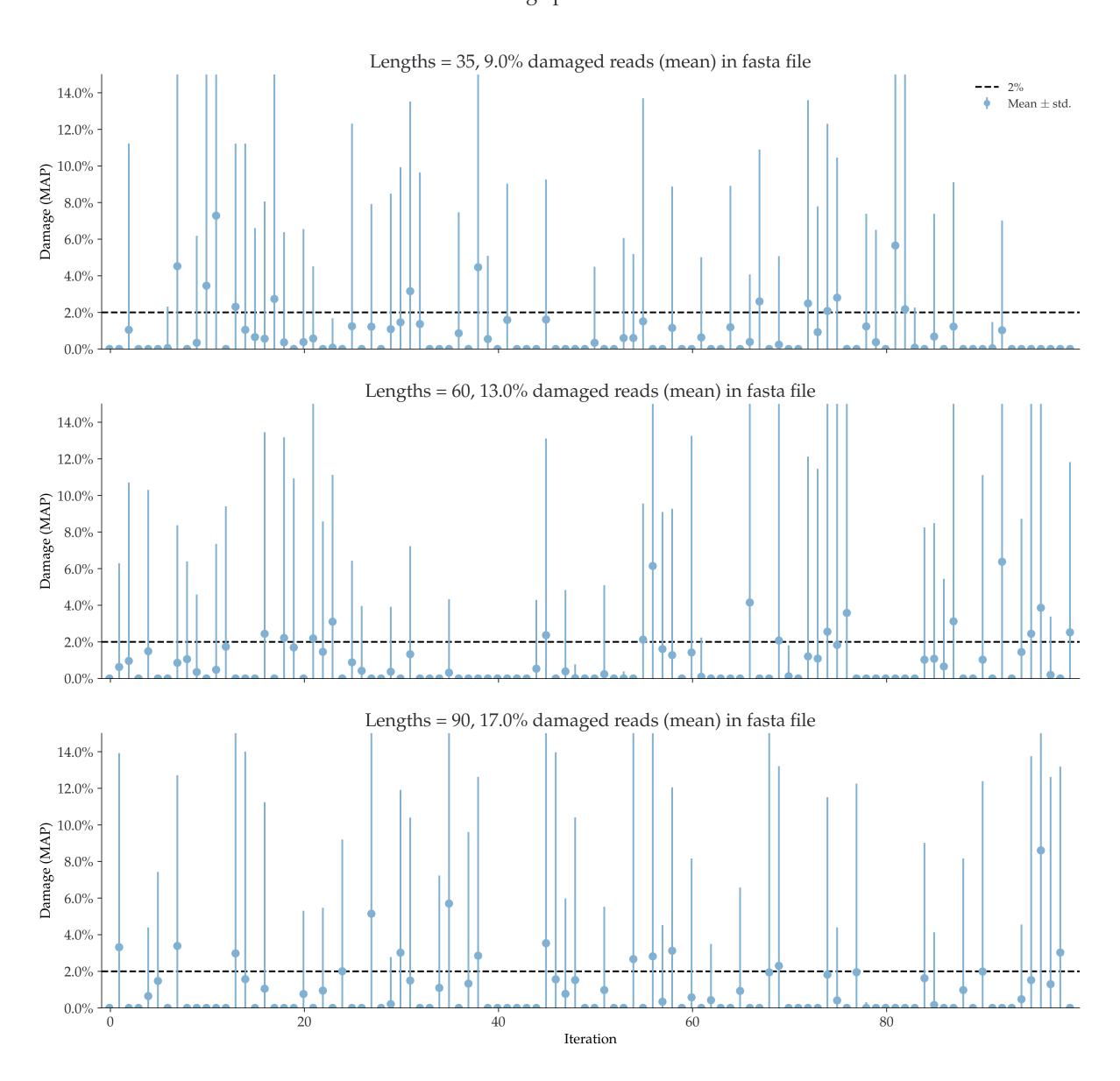
Lengths = 60, 12.0% damaged reads (mean) in fasta file



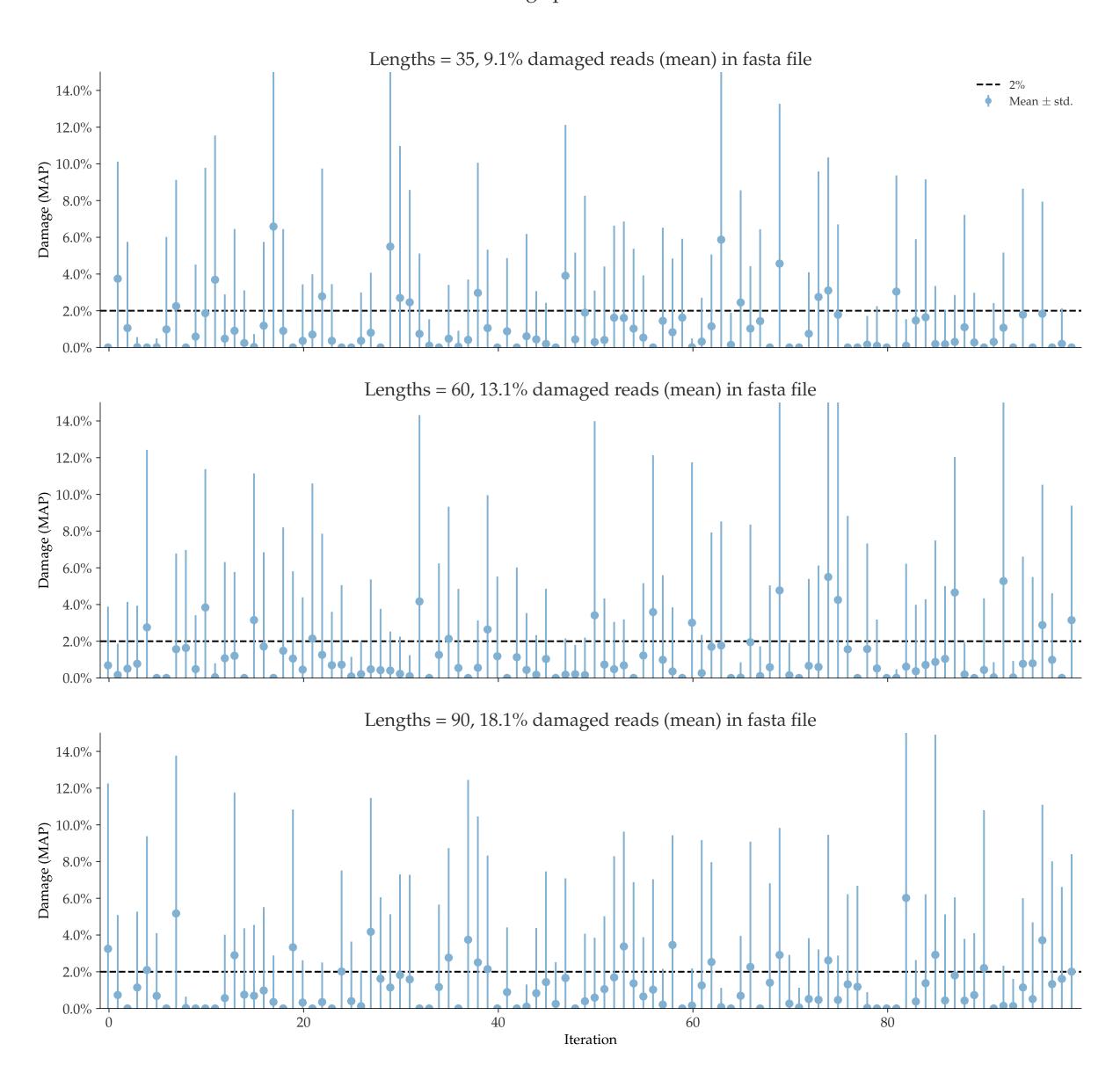
Lengths = 90, 17.4% damaged reads (mean) in fasta file



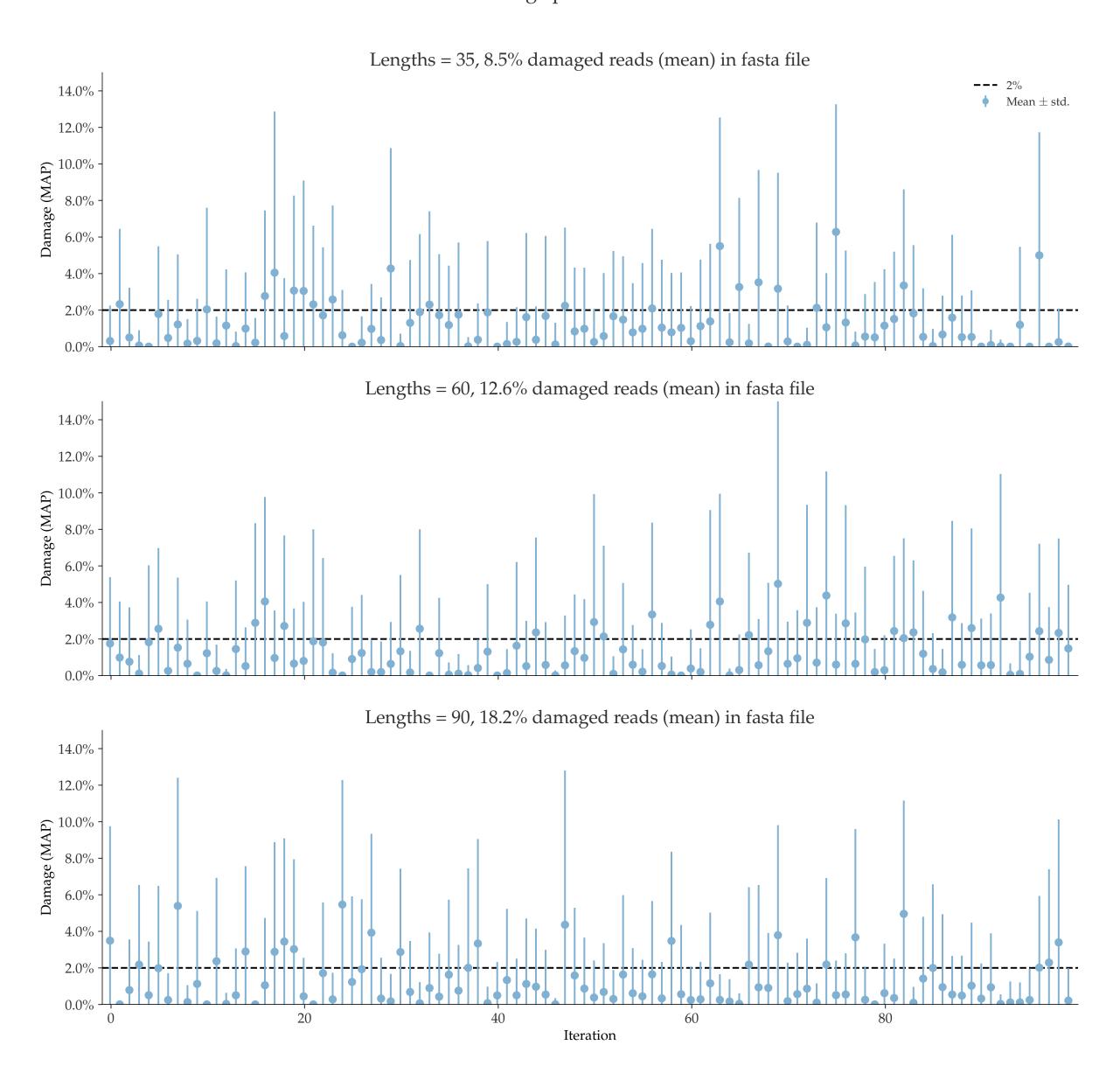
Individual damages: 10 reads Briggs damage = 0.047 Damage percent = 2%



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

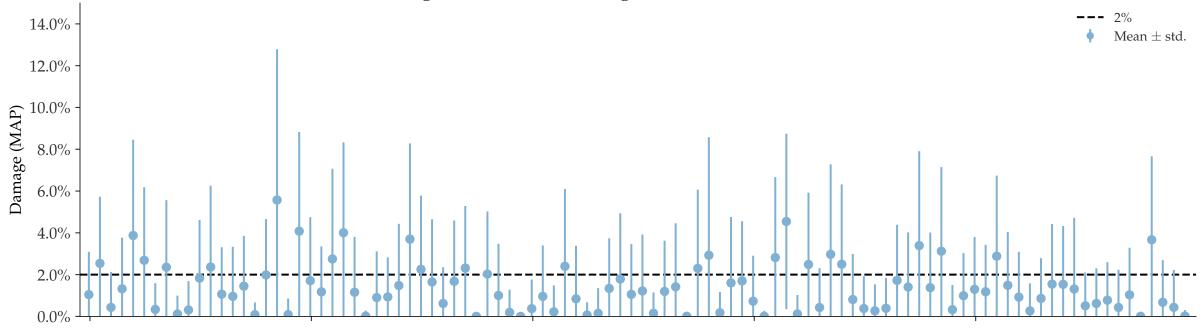


Individual damages: 50 reads Briggs damage = 0.047 Damage percent = 2%

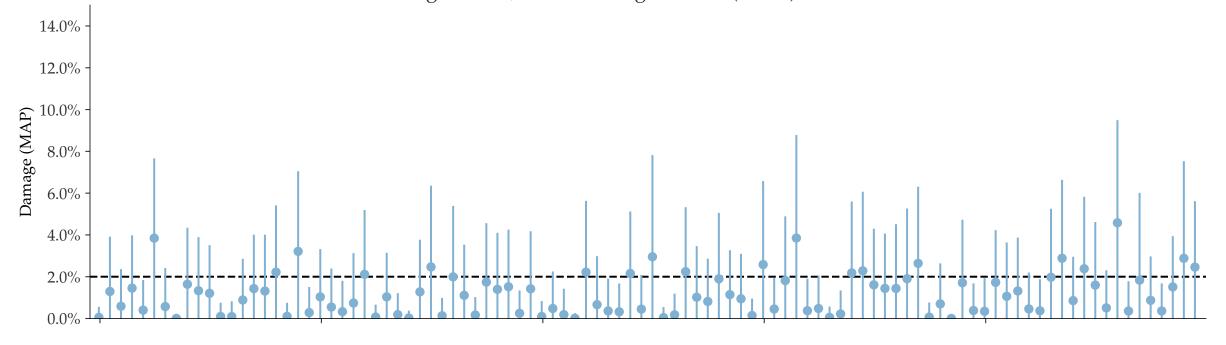


Individual damages: 100 reads Briggs damage = 0.047 Damage percent = 2%

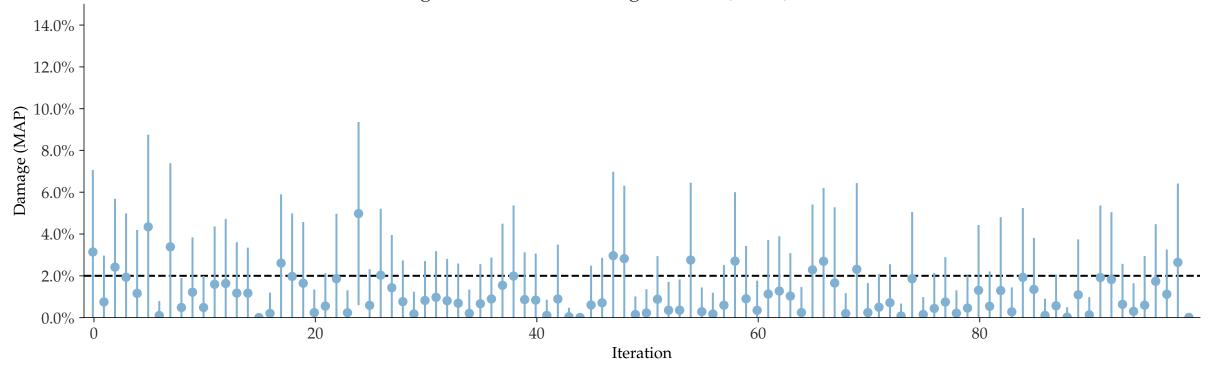




Lengths = 60, 12.6% damaged reads (mean) in fasta file

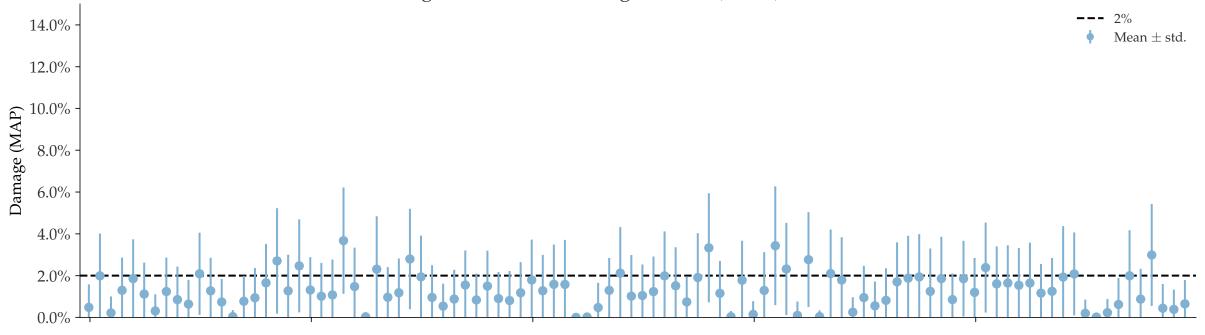


Lengths = 90, 17.8% damaged reads (mean) in fasta file

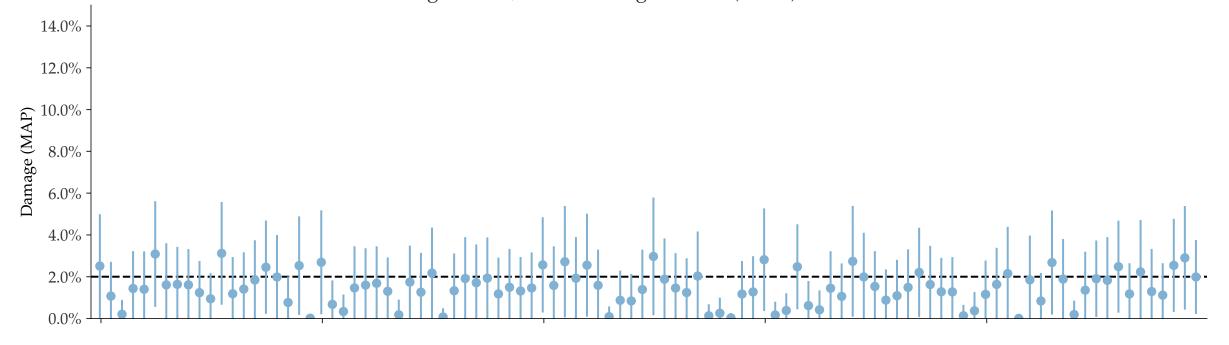


Individual damages: 250 reads Briggs damage = 0.047 Damage percent = 2%

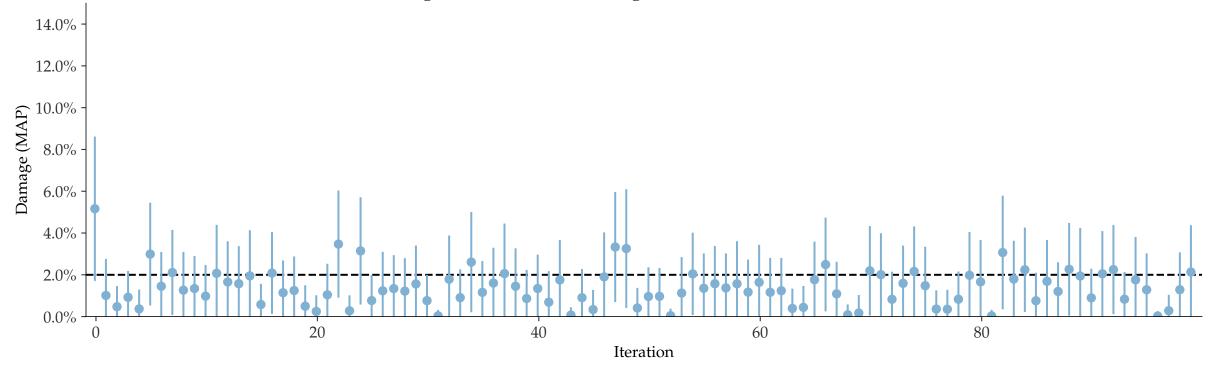




Lengths = 60, 13.0% damaged reads (mean) in fasta file

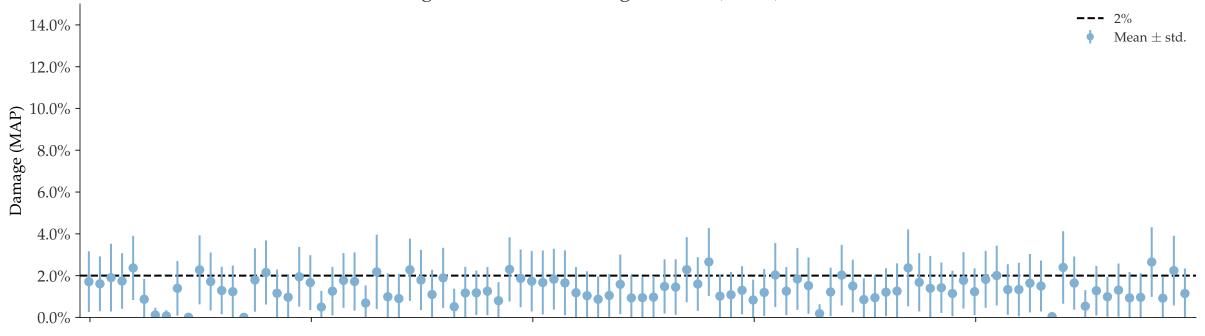


Lengths = 90, 18.1% damaged reads (mean) in fasta file

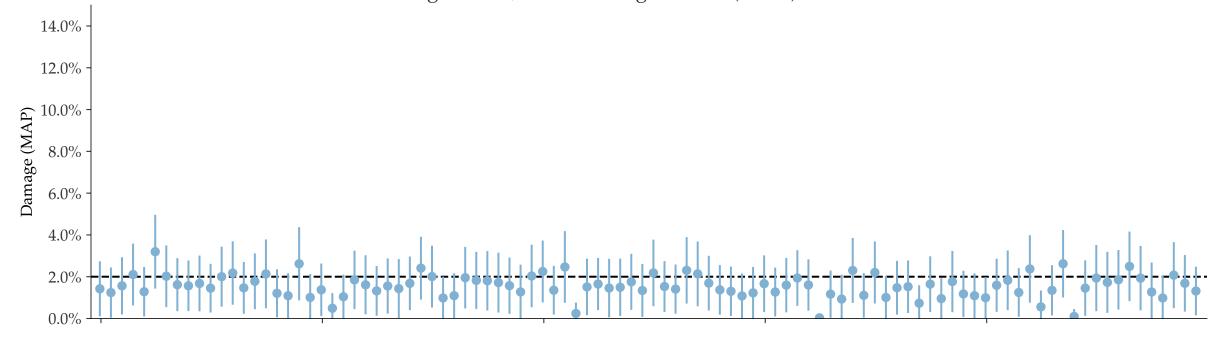


Individual damages: 500 reads Briggs damage = 0.047 Damage percent = 2%

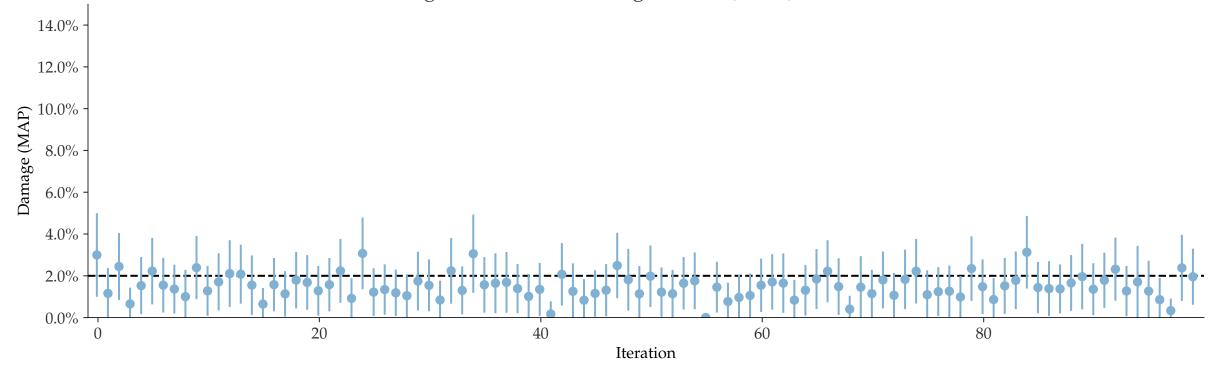
Lengths = 35, 8.4% damaged reads (mean) in fasta file



Lengths = 60, 13.0% damaged reads (mean) in fasta file

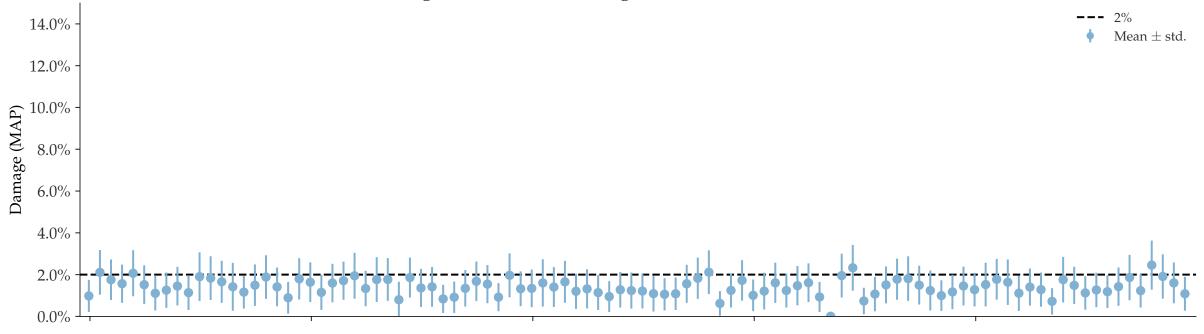


Lengths = 90, 18.2% damaged reads (mean) in fasta file

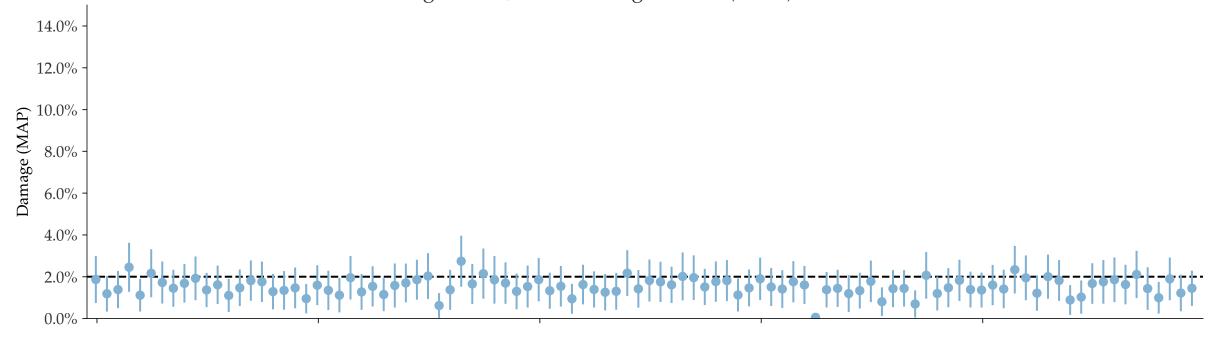


Individual damages: 1000 reads Briggs damage = 0.047 Damage percent = 2%

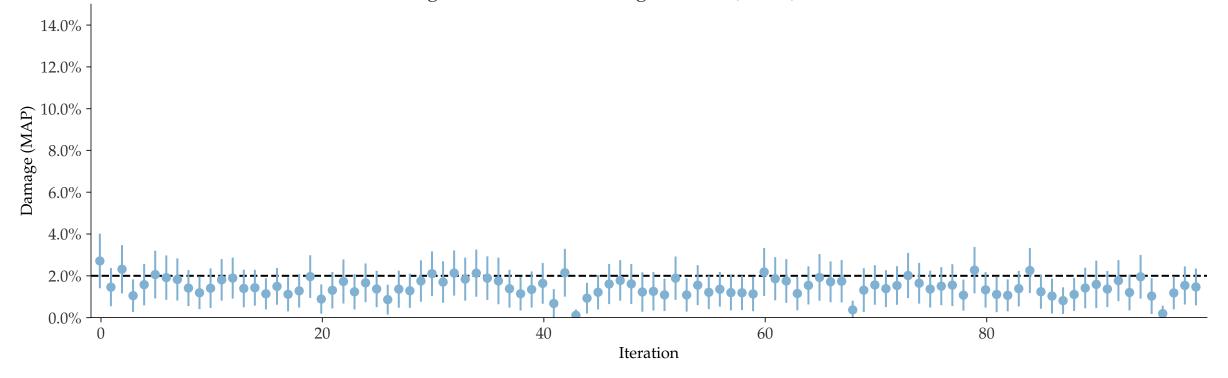




Lengths = 60, 12.9% damaged reads (mean) in fasta file

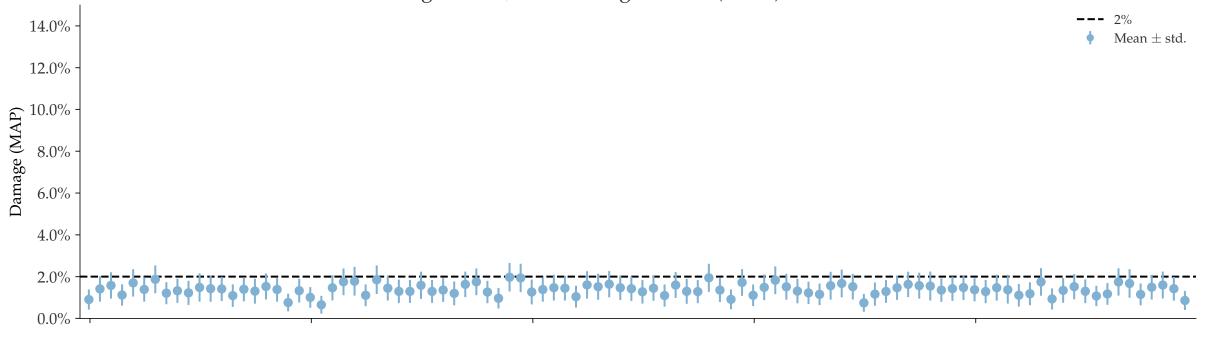


Lengths = 90, 18.4% damaged reads (mean) in fasta file

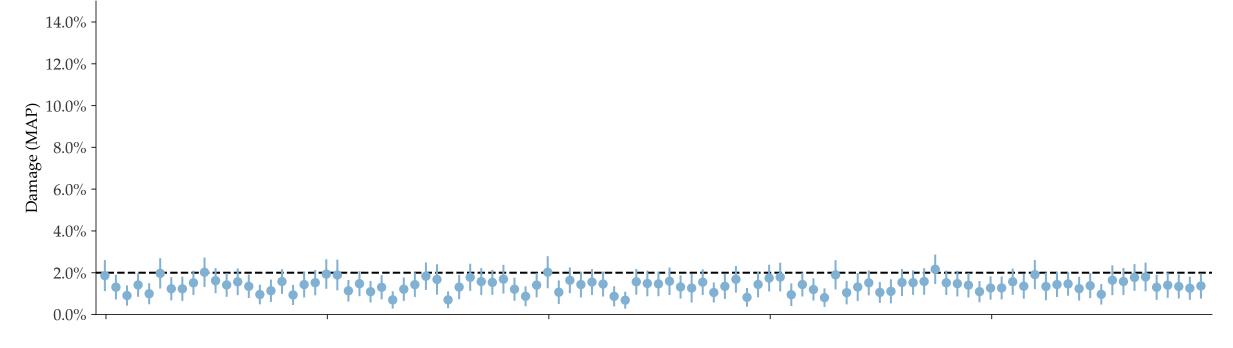


Individual damages: 2500 reads Briggs damage = 0.047 Damage percent = 2%

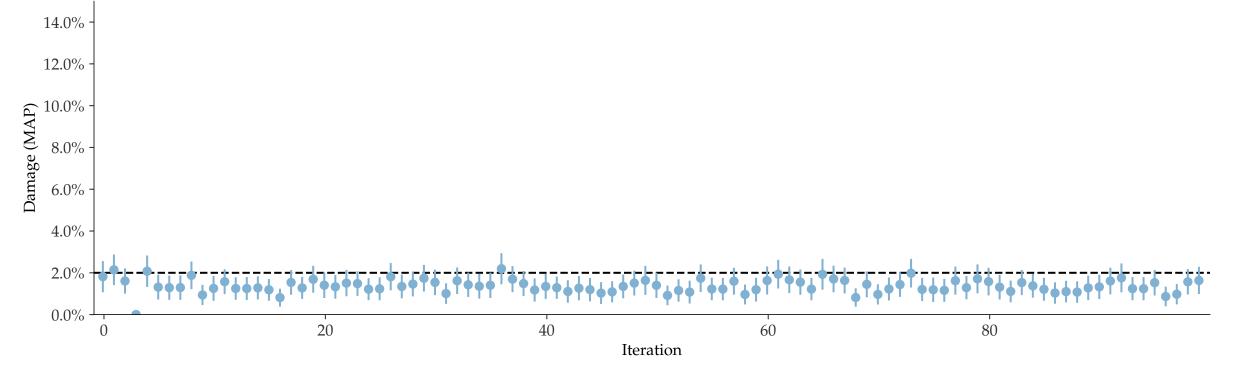




Lengths = 60, 13.1% damaged reads (mean) in fasta file

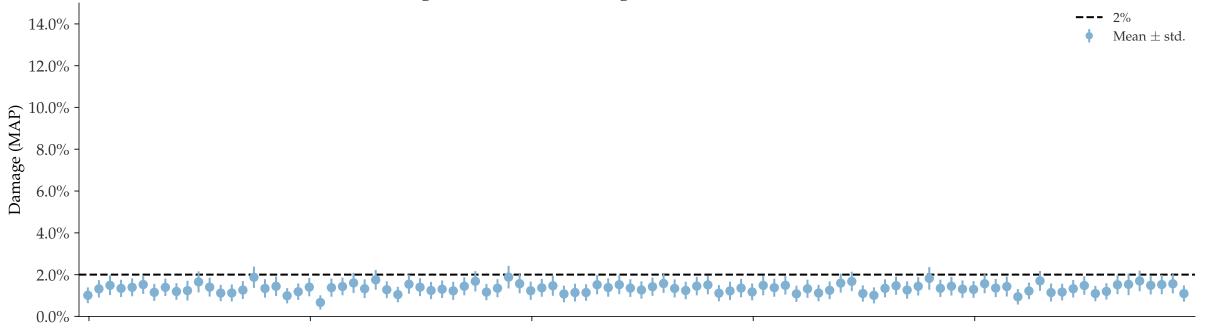


Lengths = 90, 18.4% damaged reads (mean) in fasta file

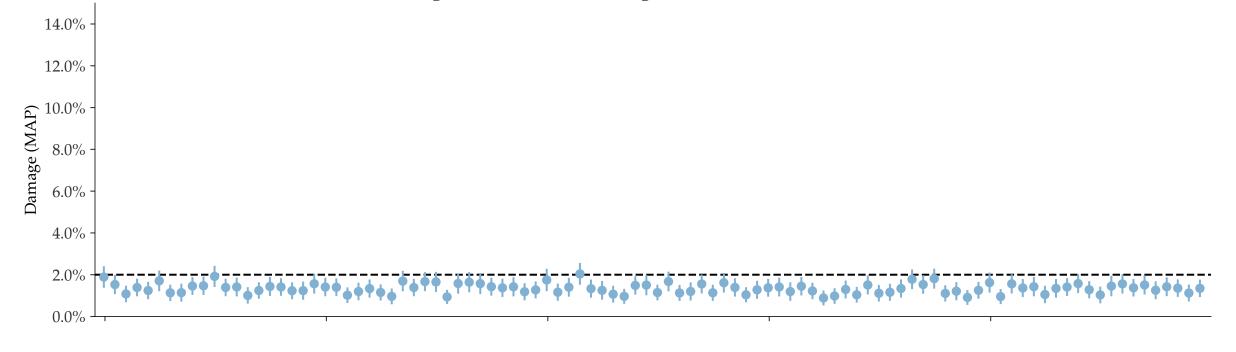


Individual damages: 5000 reads Briggs damage = 0.047 Damage percent = 2%

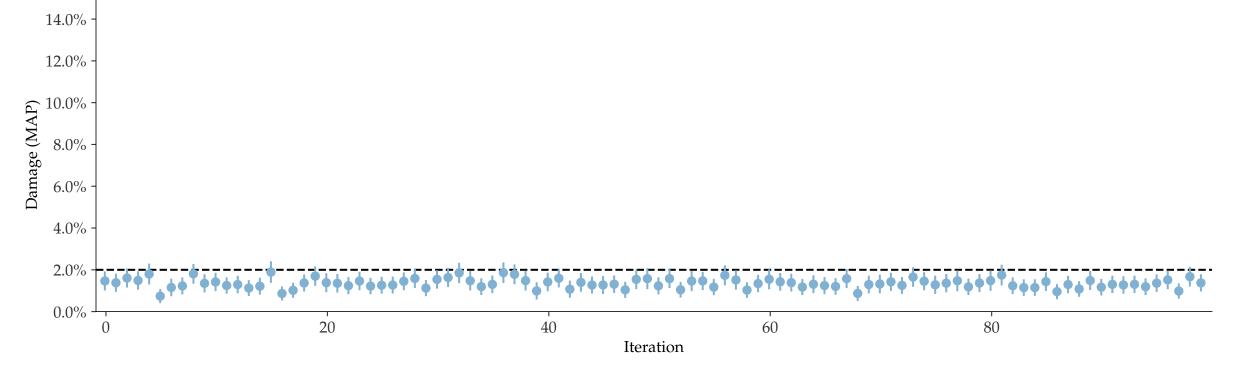




Lengths = 60, 13.1% damaged reads (mean) in fasta file

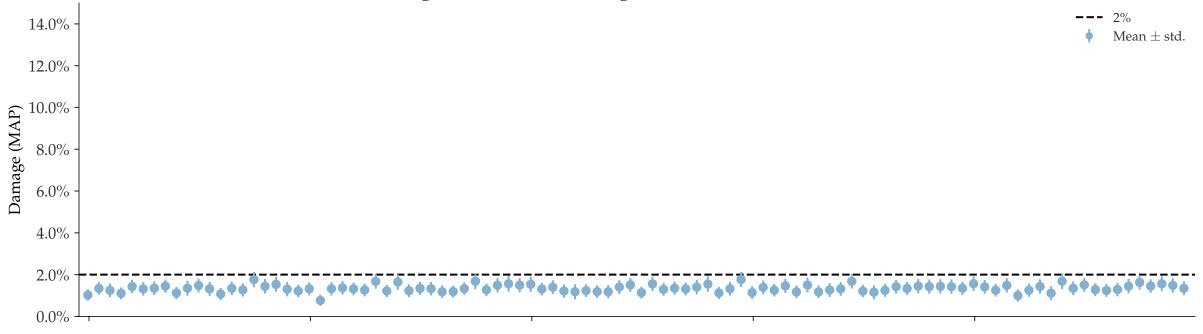


Lengths = 90, 18.5% damaged reads (mean) in fasta file

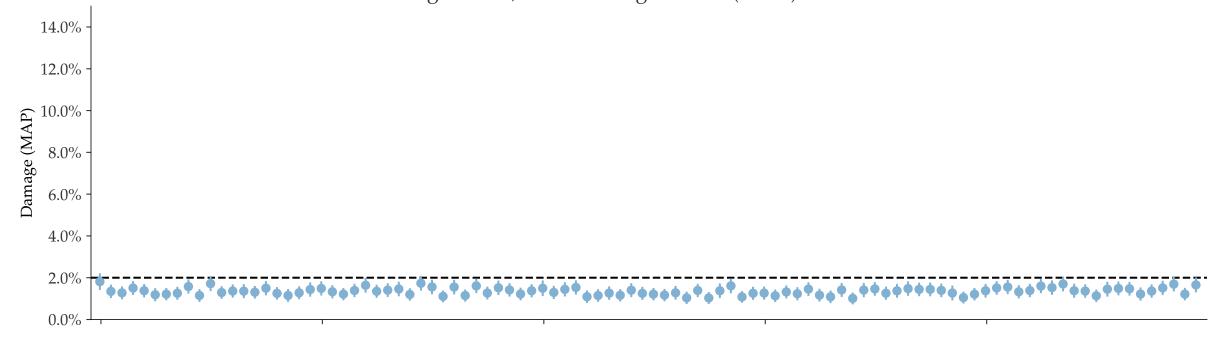


Individual damages: 10000 reads Briggs damage = 0.047 Damage percent = 2%

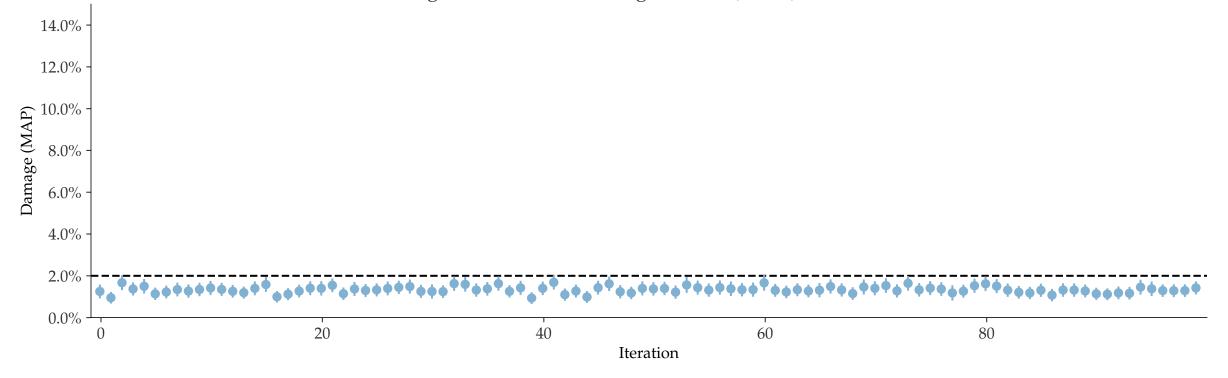




Lengths = 60, 13.2% damaged reads (mean) in fasta file

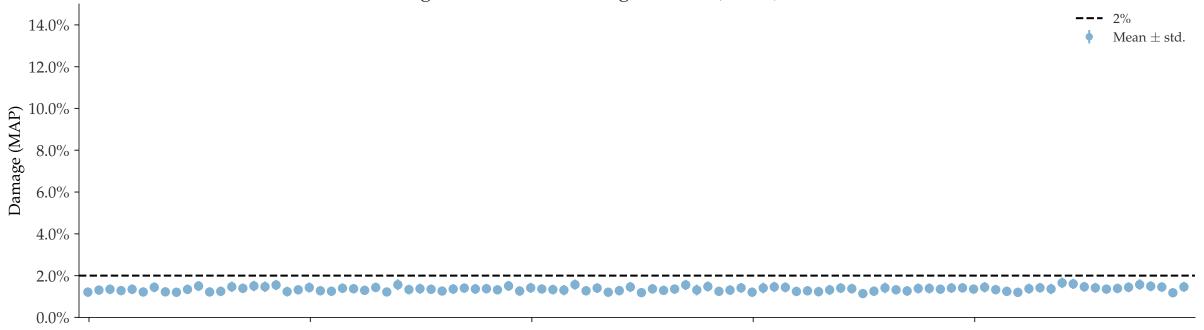


Lengths = 90, 18.5% damaged reads (mean) in fasta file

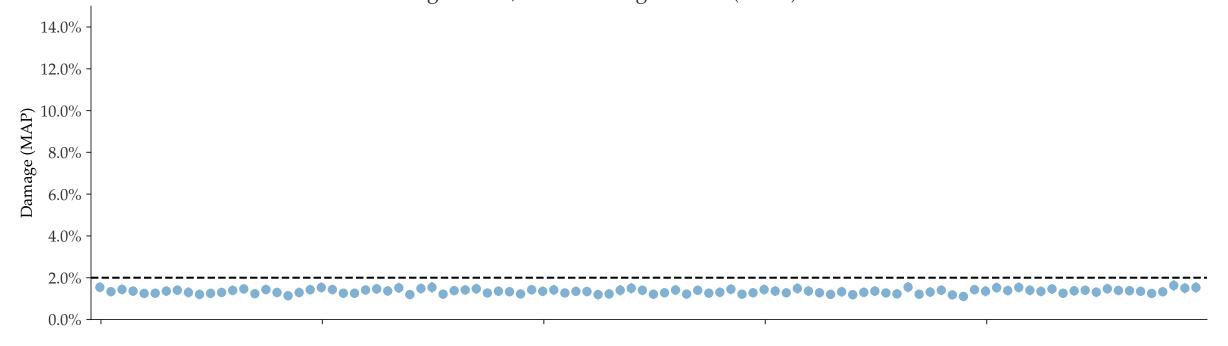


Individual damages: 25000 reads Briggs damage = 0.047 Damage percent = 2%

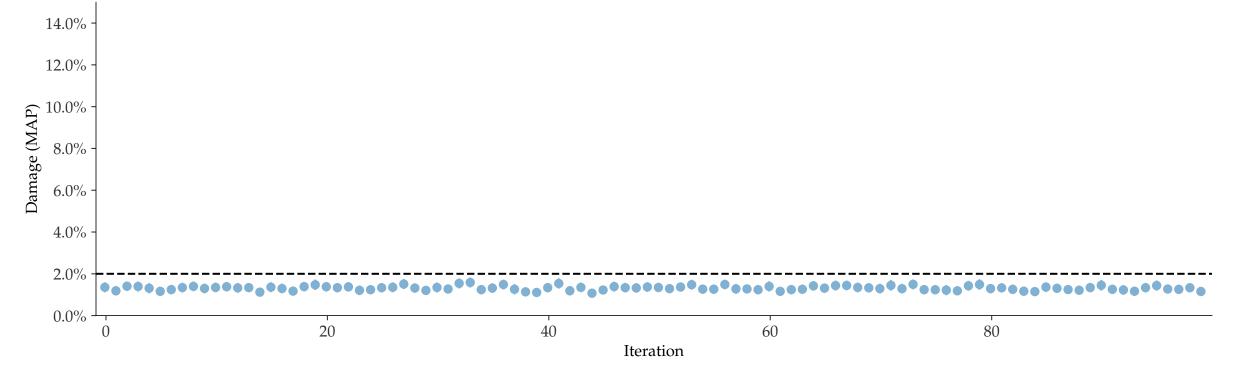




Lengths = 60, 13.2% damaged reads (mean) in fasta file

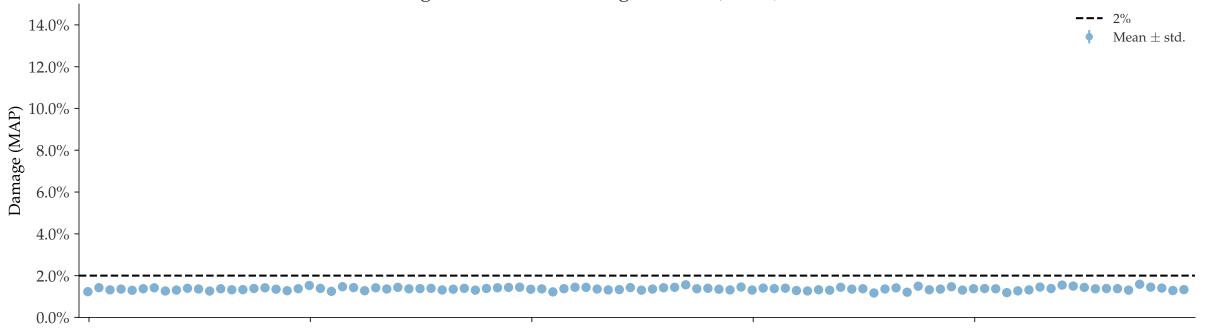


Lengths = 90, 18.5% damaged reads (mean) in fasta file

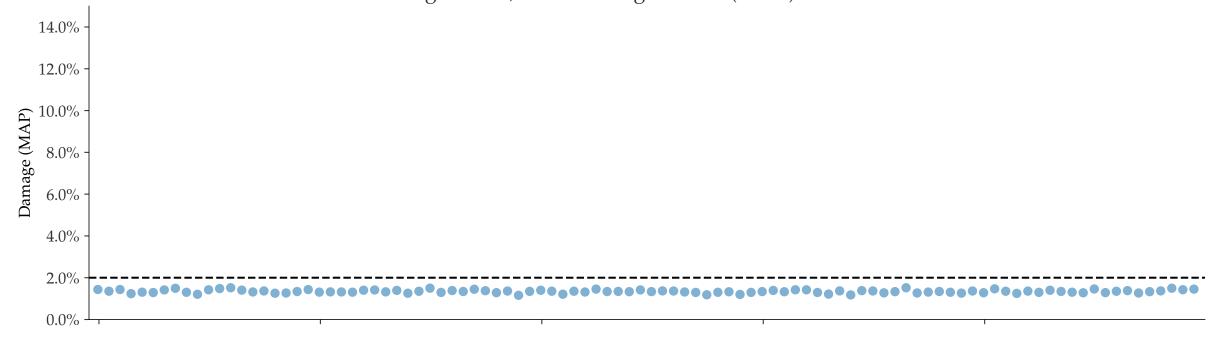


Individual damages: 50000 reads Briggs damage = 0.047 Damage percent = 2%

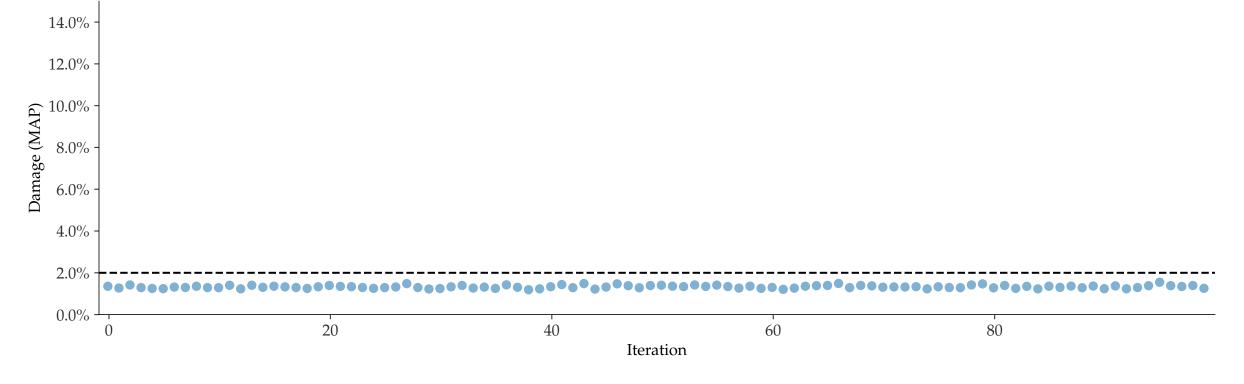




Lengths = 60, 13.2% damaged reads (mean) in fasta file

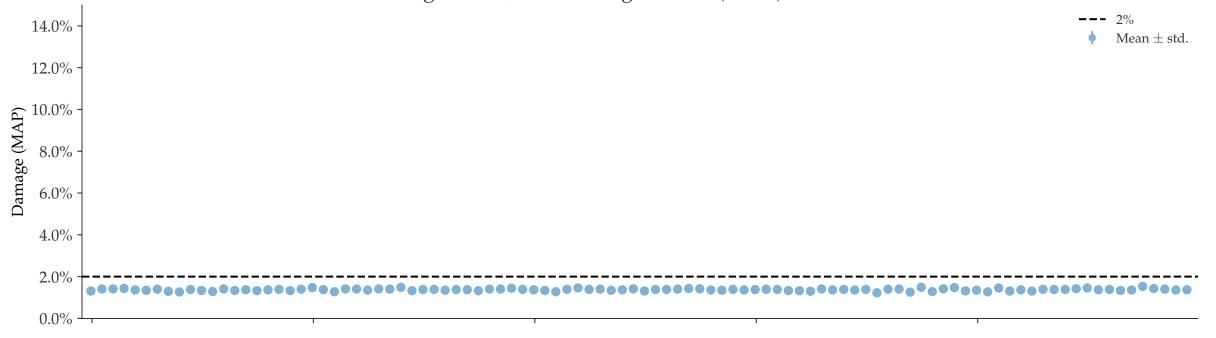


Lengths = 90, 18.5% damaged reads (mean) in fasta file

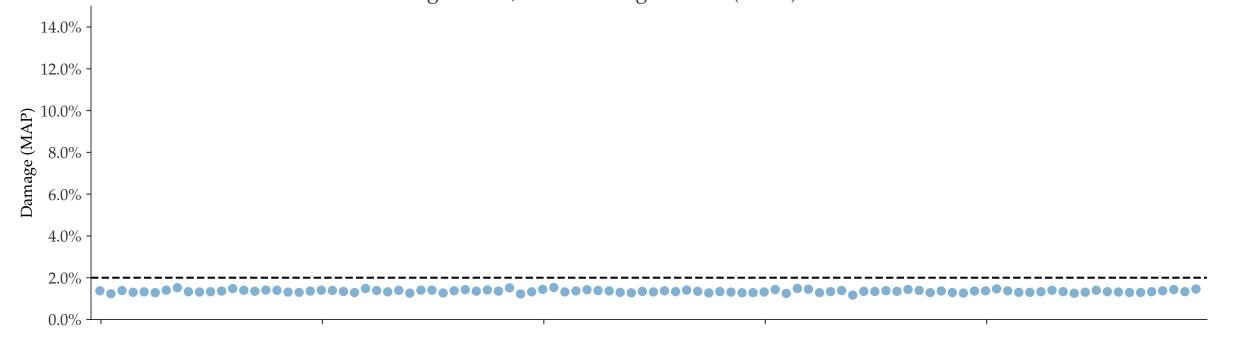


Individual damages: 100000 reads Briggs damage = 0.047 Damage percent = 2%

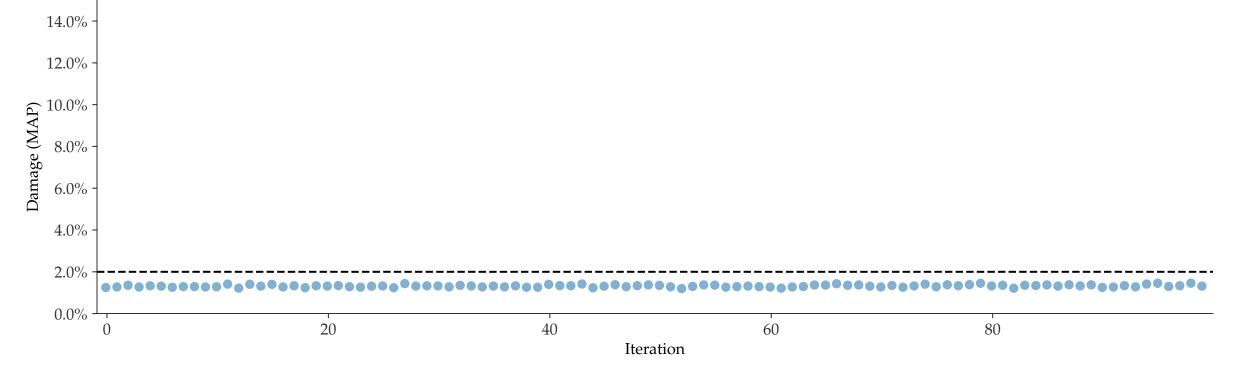




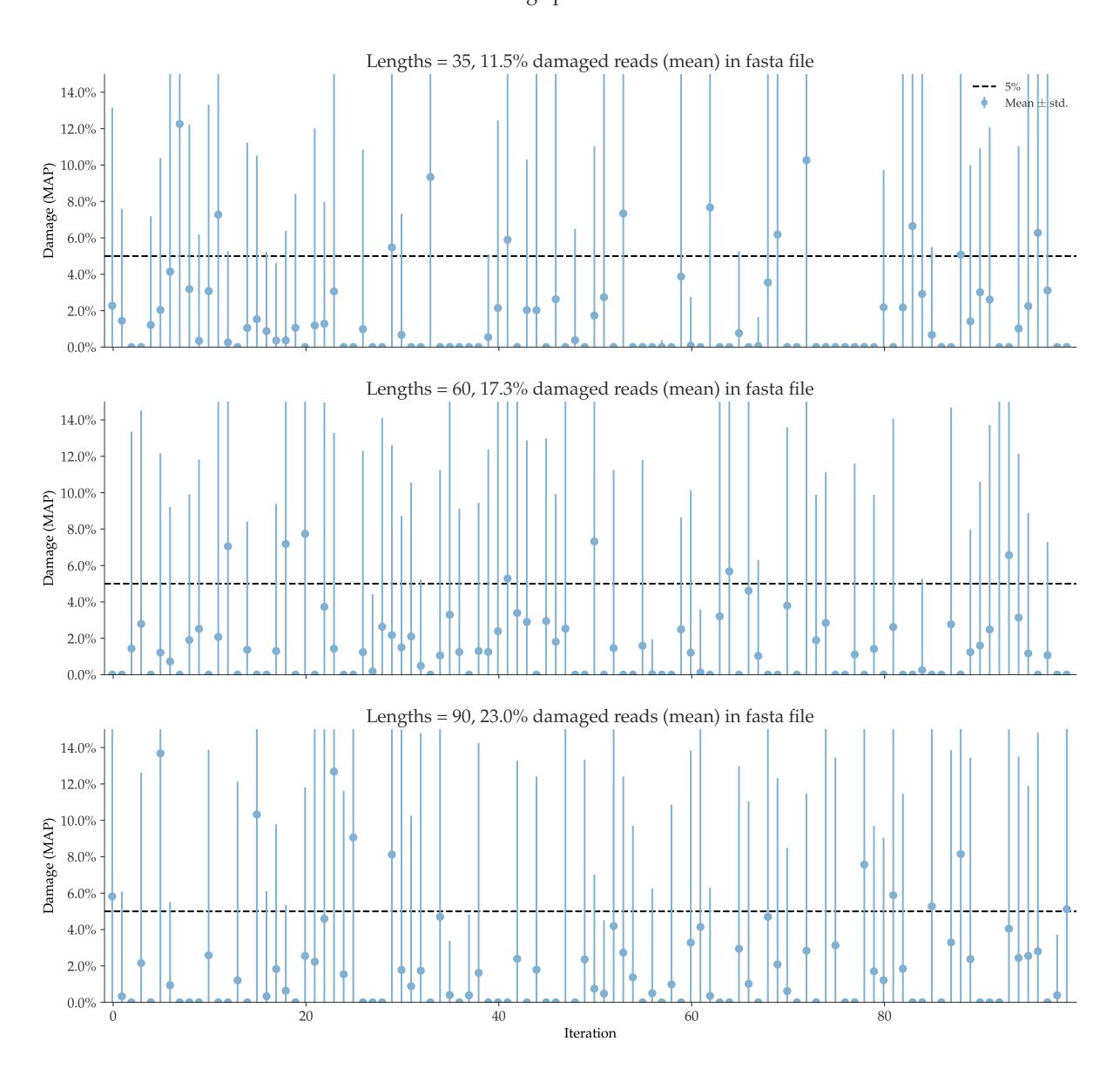
Lengths = 60, 13.2% damaged reads (mean) in fasta file



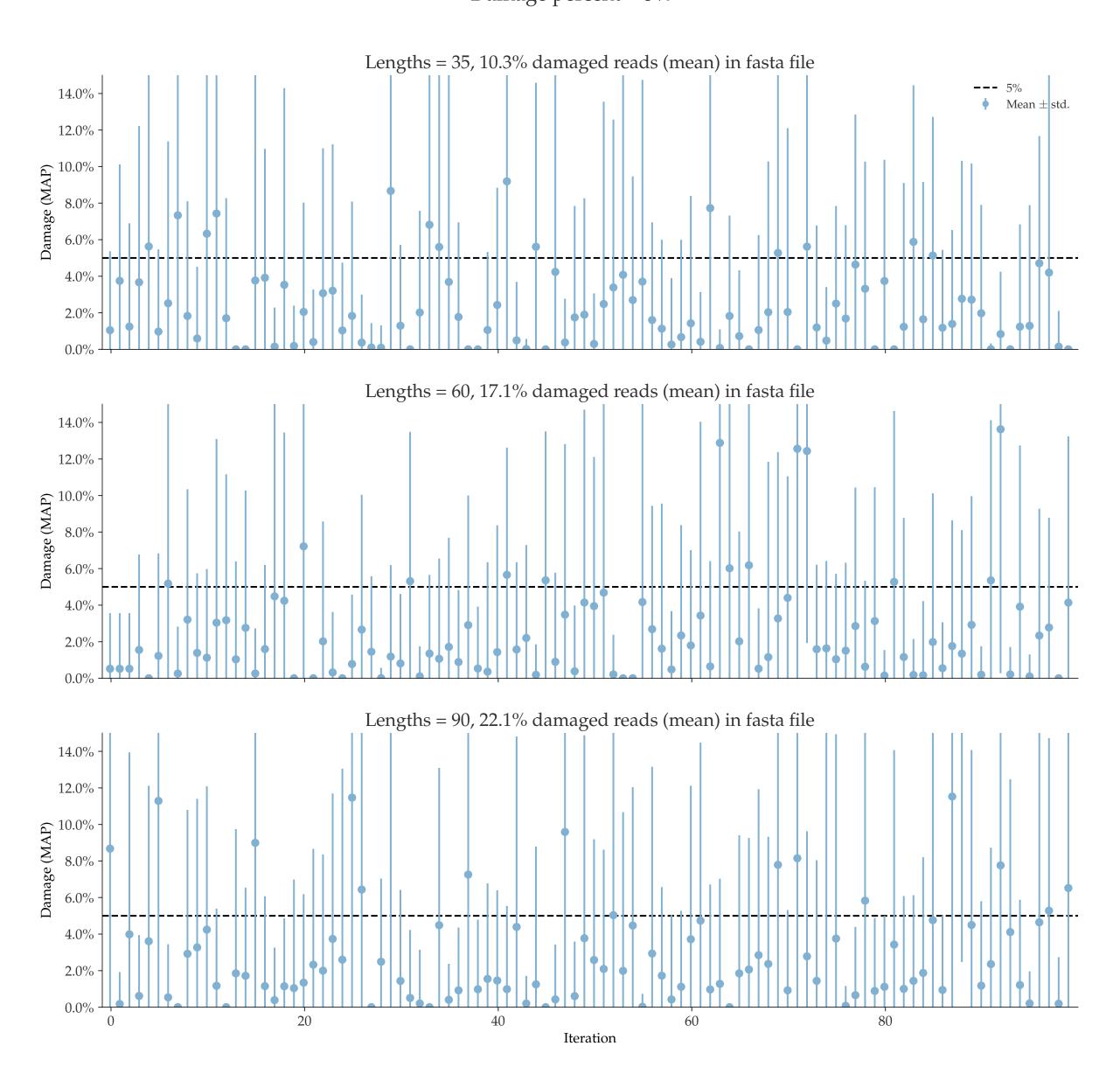
Lengths = 90, 18.5% damaged reads (mean) in fasta file



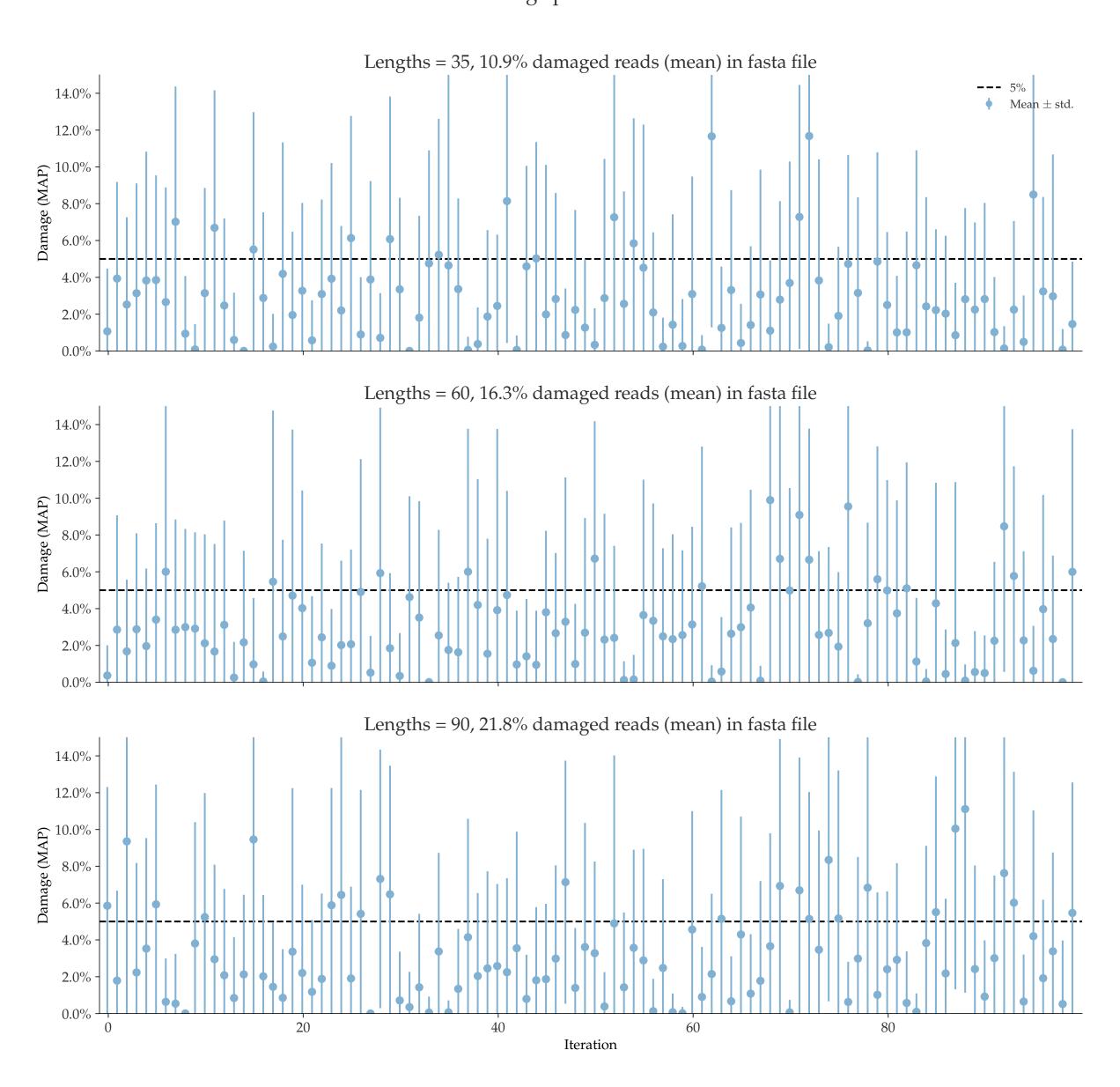
Individual damages: 10 reads Briggs damage = 0.138 Damage percent = 5%



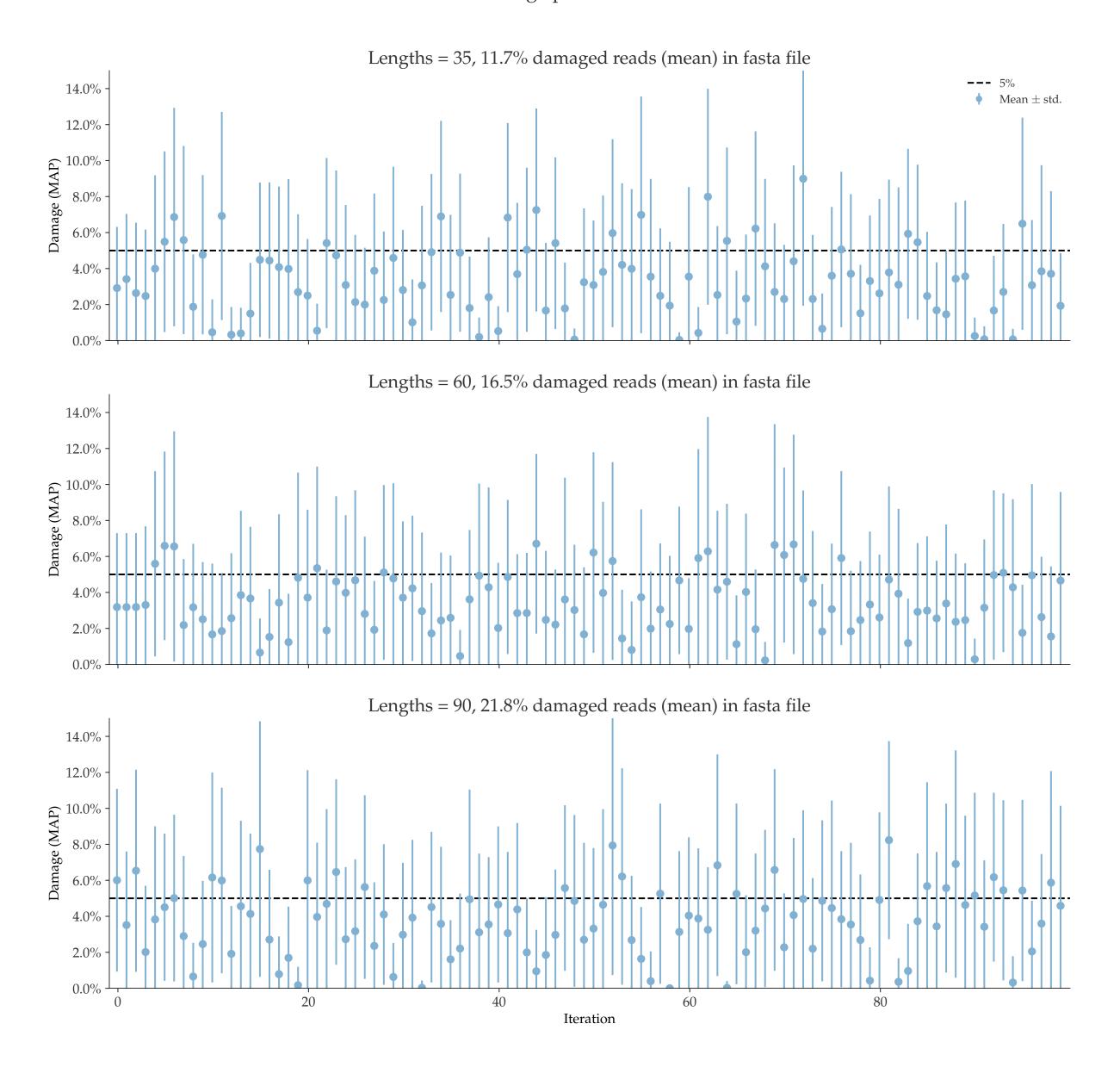
Individual damages: 25 reads Briggs damage = 0.138 Damage percent = 5%



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

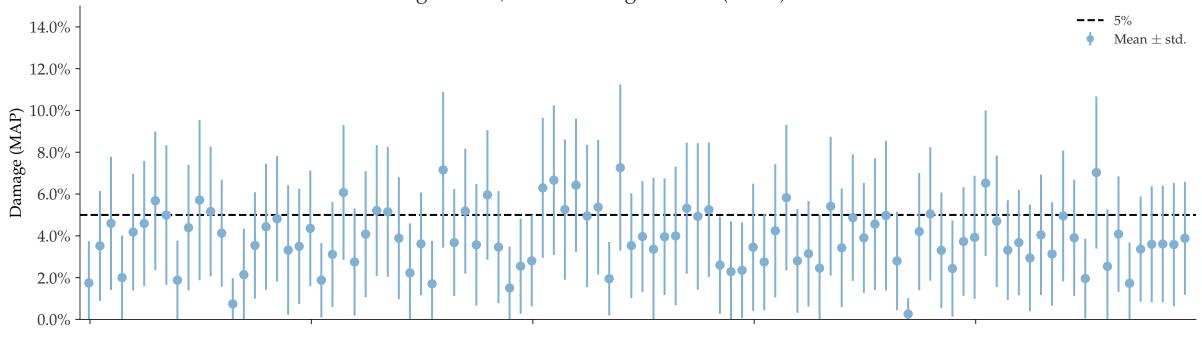


Individual damages: 100 reads Briggs damage = 0.138 Damage percent = 5%

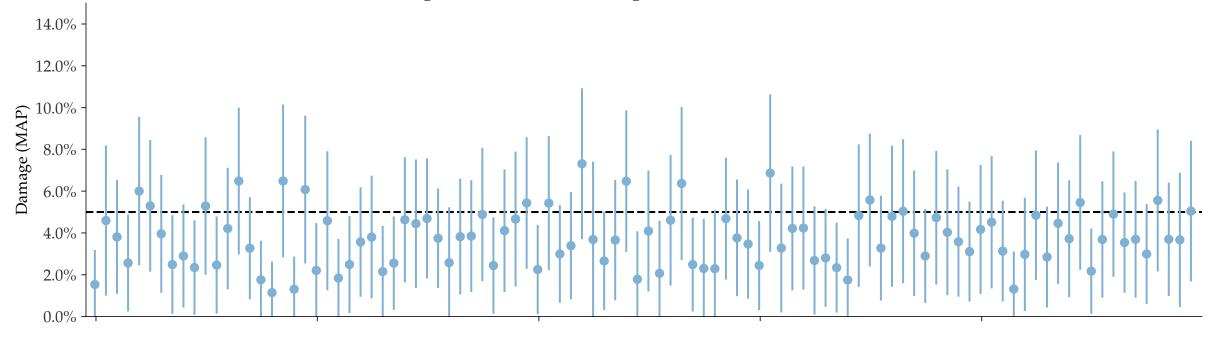


Individual damages: 250 reads Briggs damage = 0.138 Damage percent = 5%

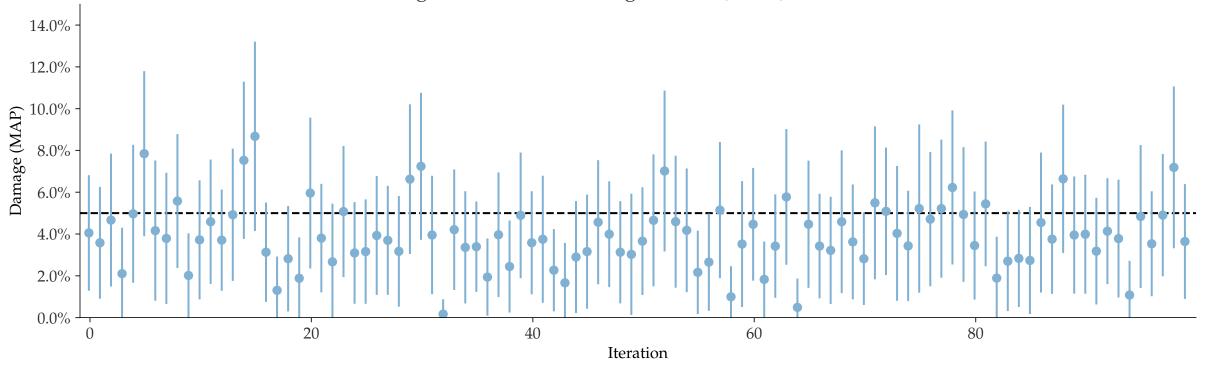
Lengths = 35, 11.7% damaged reads (mean) in fasta file



Lengths = 60, 16.0% damaged reads (mean) in fasta file

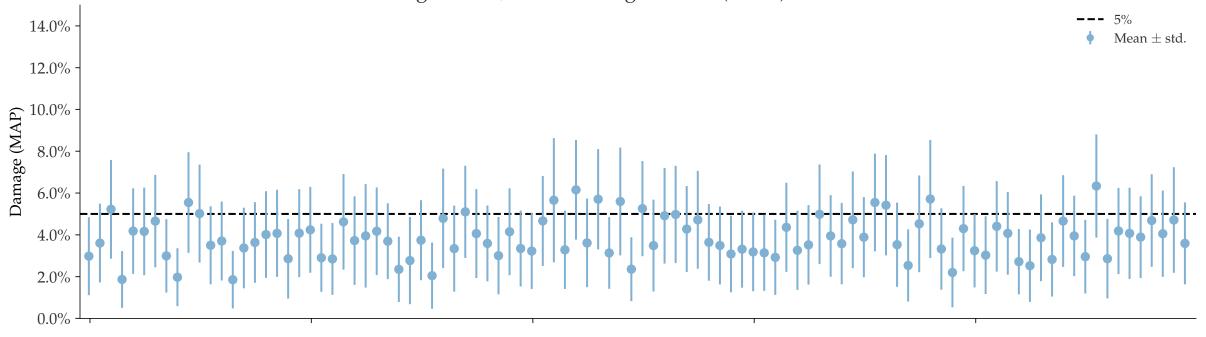


Lengths = 90, 21.2% damaged reads (mean) in fasta file

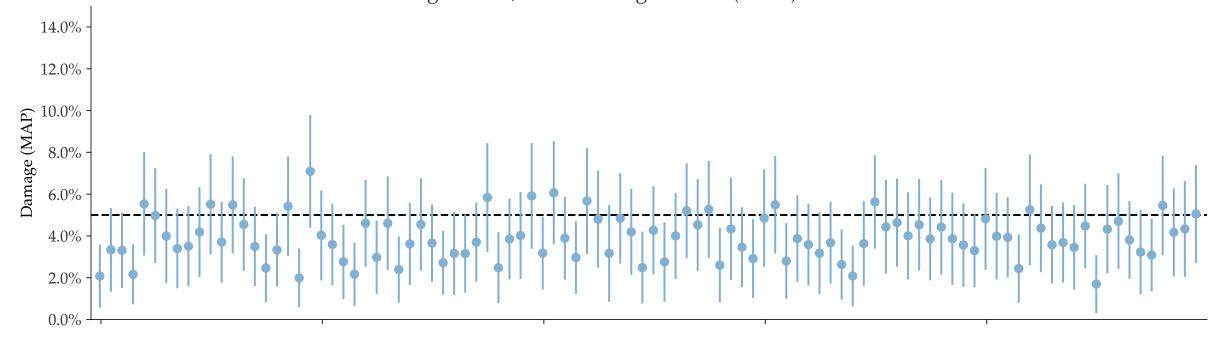


Individual damages: 500 reads Briggs damage = 0.138 Damage percent = 5%

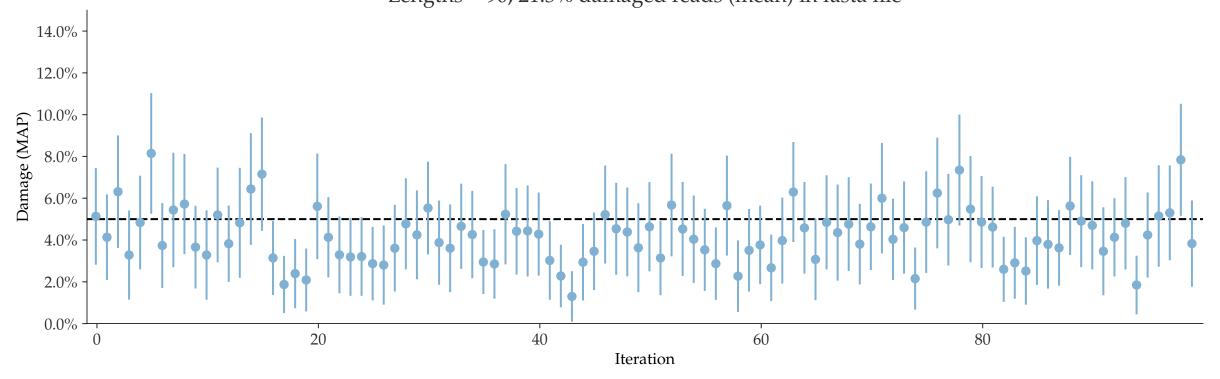
Lengths = 35, 11.5% damaged reads (mean) in fasta file



Lengths = 60, 16.2% damaged reads (mean) in fasta file

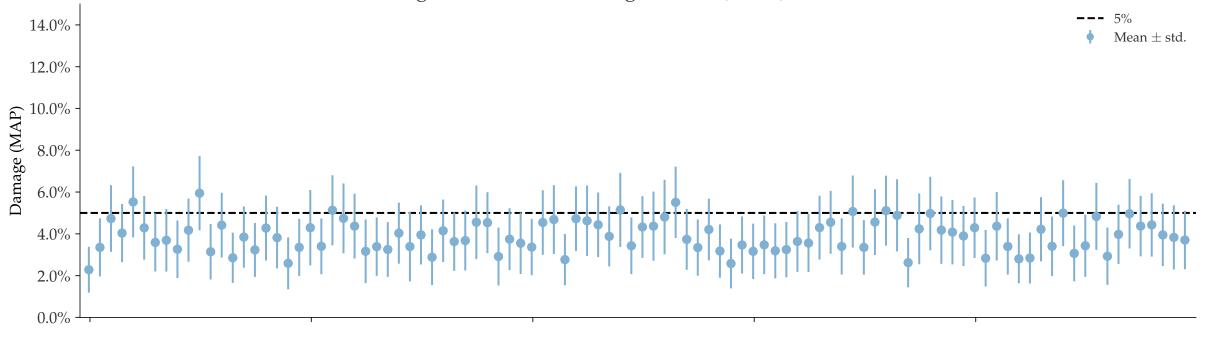


Lengths = 90, 21.3% damaged reads (mean) in fasta file

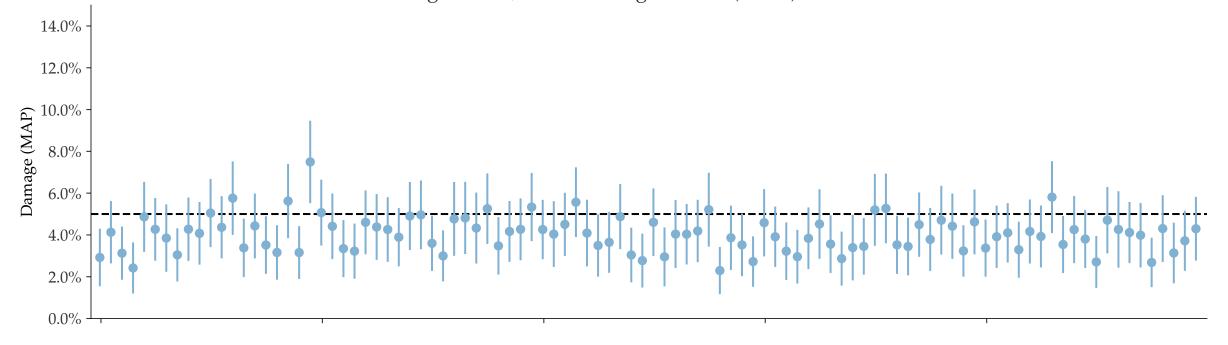


Individual damages: 1000 reads Briggs damage = 0.138 Damage percent = 5%

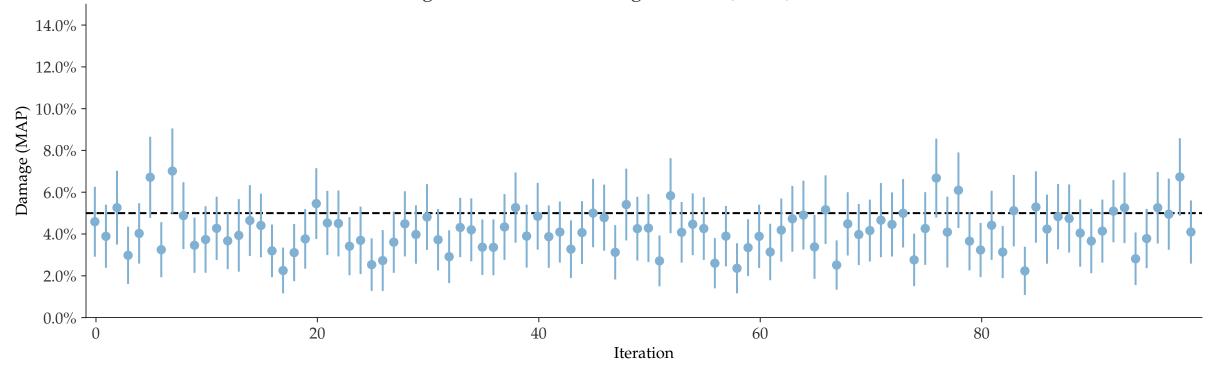
Lengths = 35, 11.5% damaged reads (mean) in fasta file



Lengths = 60, 16.1% damaged reads (mean) in fasta file

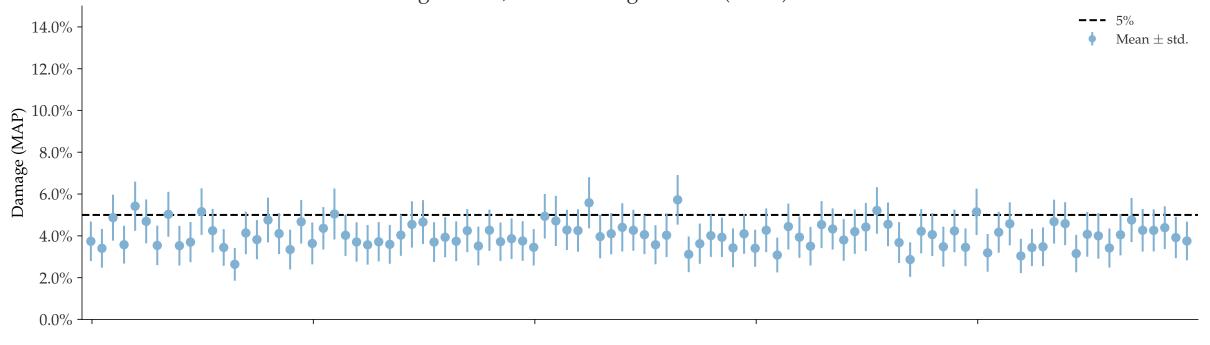


Lengths = 90, 21.4% damaged reads (mean) in fasta file

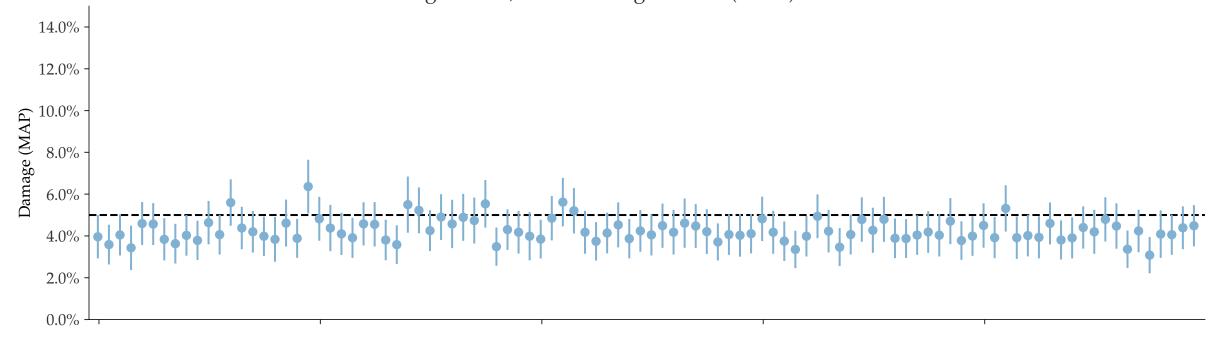


Individual damages: 2500 reads Briggs damage = 0.138 Damage percent = 5%

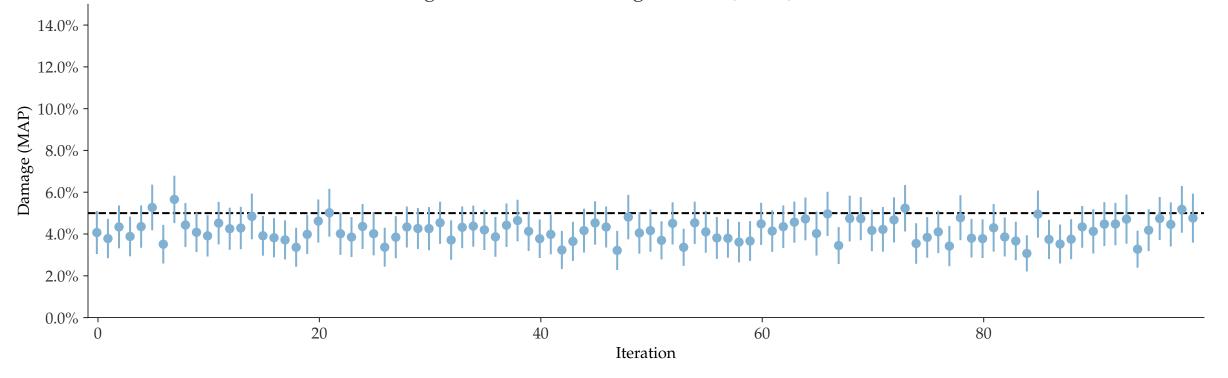
Lengths = 35, 11.7% damaged reads (mean) in fasta file



Lengths = 60, 16.1% damaged reads (mean) in fasta file

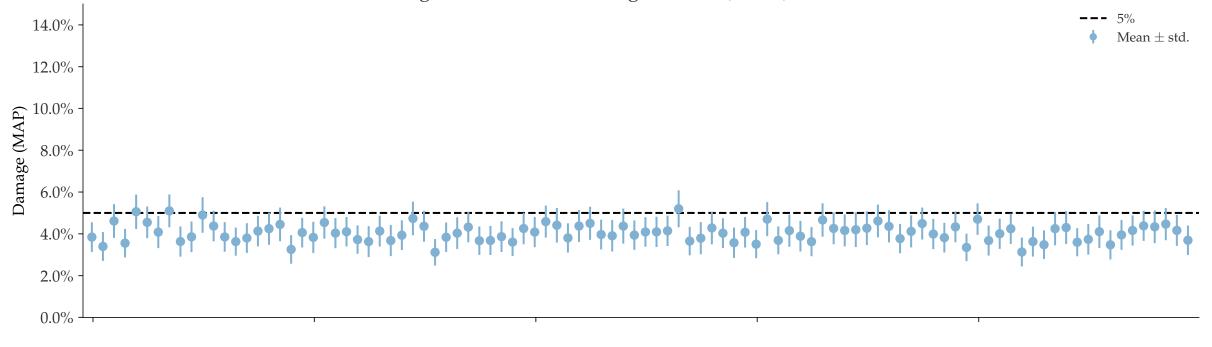


Lengths = 90, 21.3% damaged reads (mean) in fasta file

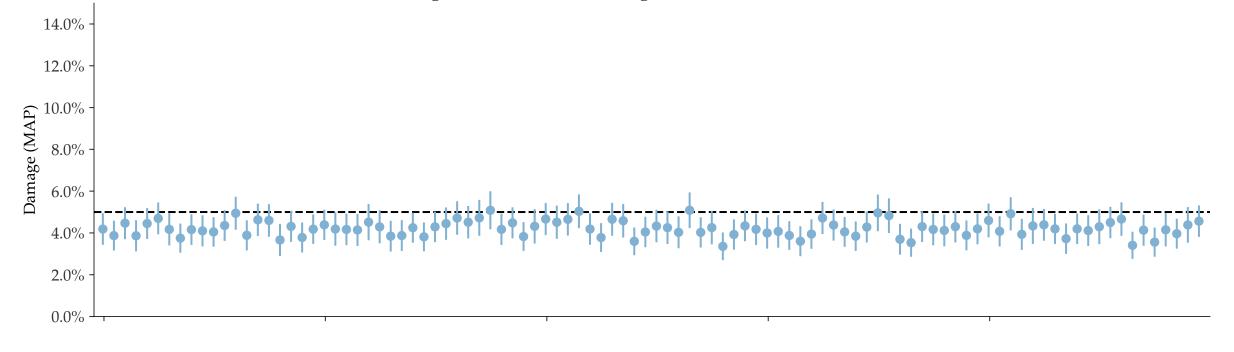


Individual damages: 5000 reads Briggs damage = 0.138 Damage percent = 5%

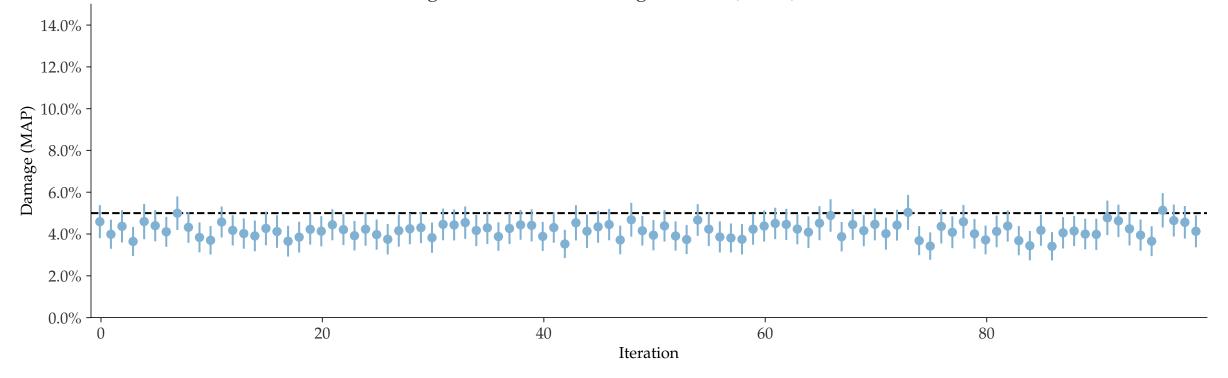
Lengths = 35, 11.7% damaged reads (mean) in fasta file



Lengths = 60, 16.0% damaged reads (mean) in fasta file

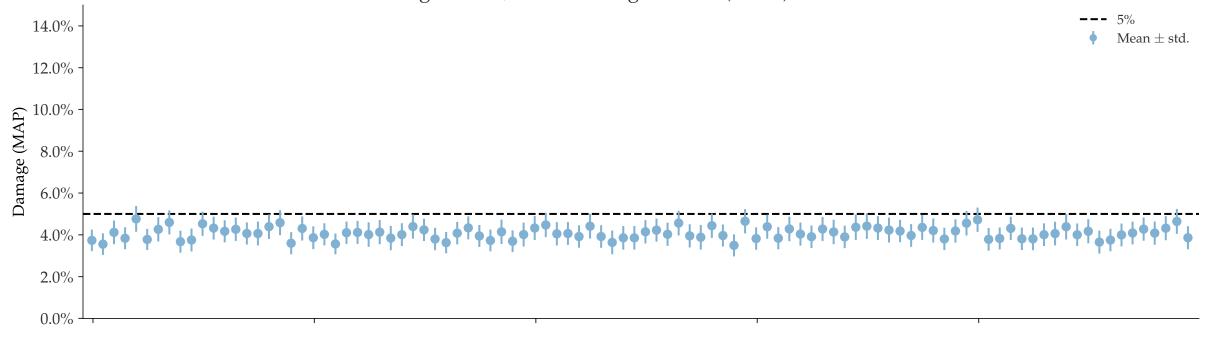


Lengths = 90, 21.3% damaged reads (mean) in fasta file

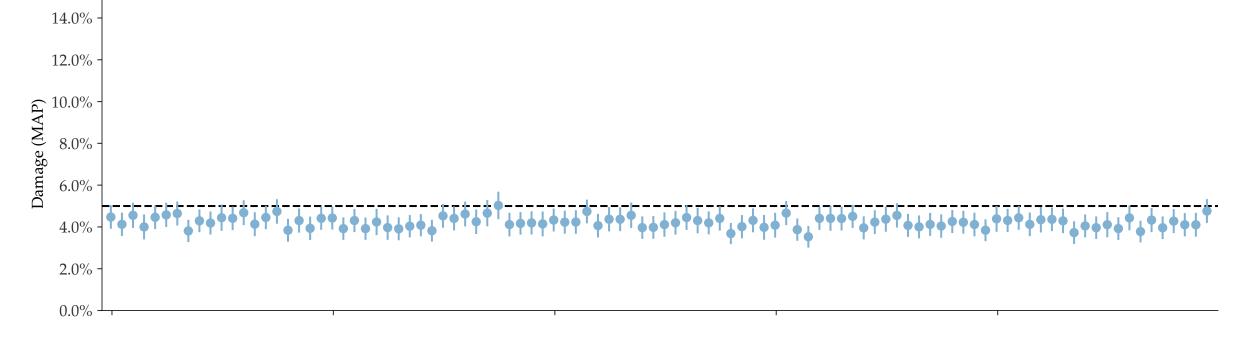


Individual damages: 10000 reads Briggs damage = 0.138 Damage percent = 5%

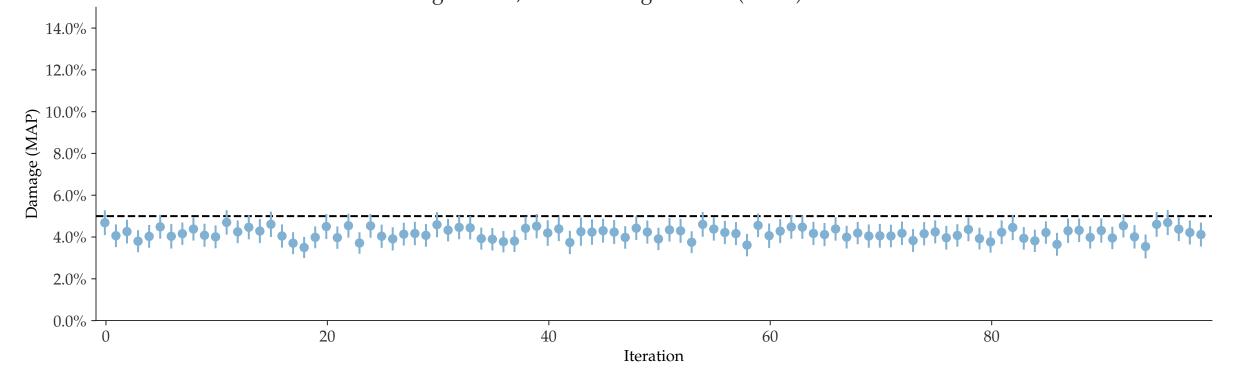




Lengths = 60, 16.1% damaged reads (mean) in fasta file

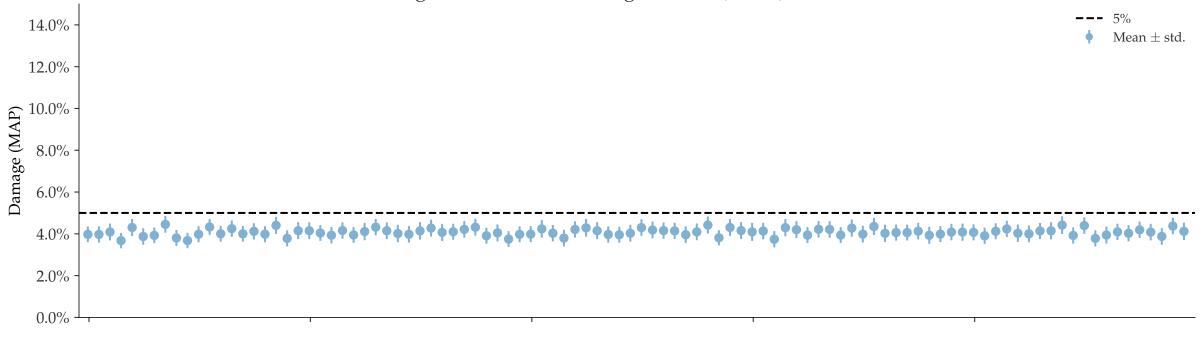


Lengths = 90, 21.2% damaged reads (mean) in fasta file

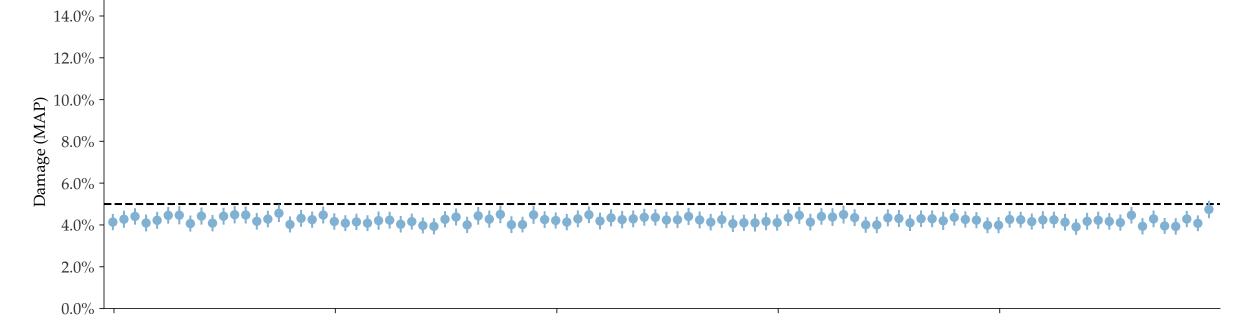


Individual damages: 25000 reads Briggs damage = 0.138 Damage percent = 5%

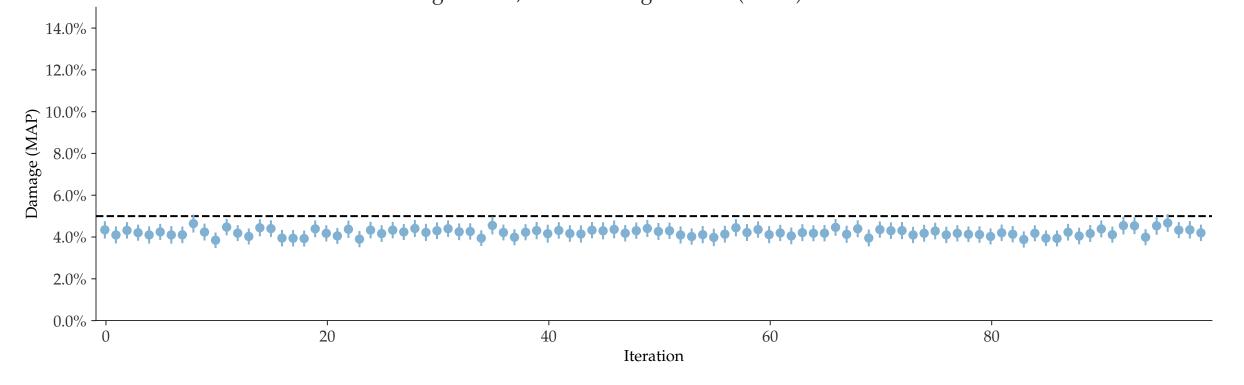




Lengths = 60, 16.1% damaged reads (mean) in fasta file

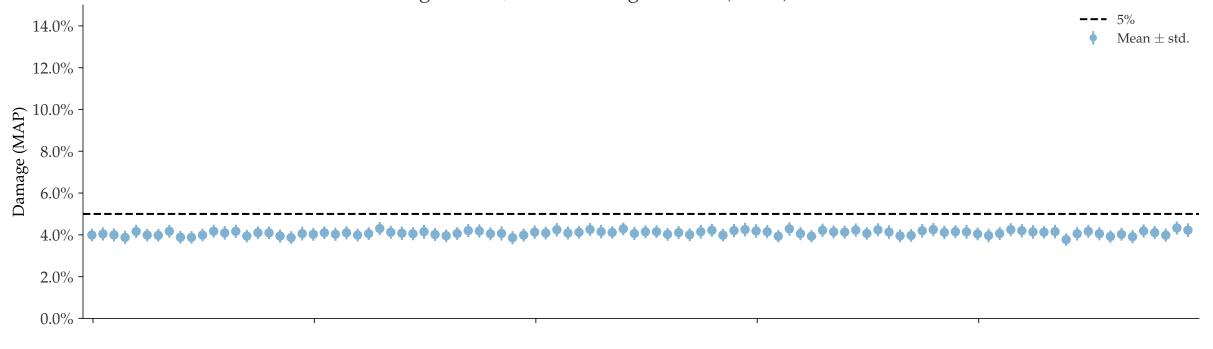


Lengths = 90, 21.2% damaged reads (mean) in fasta file

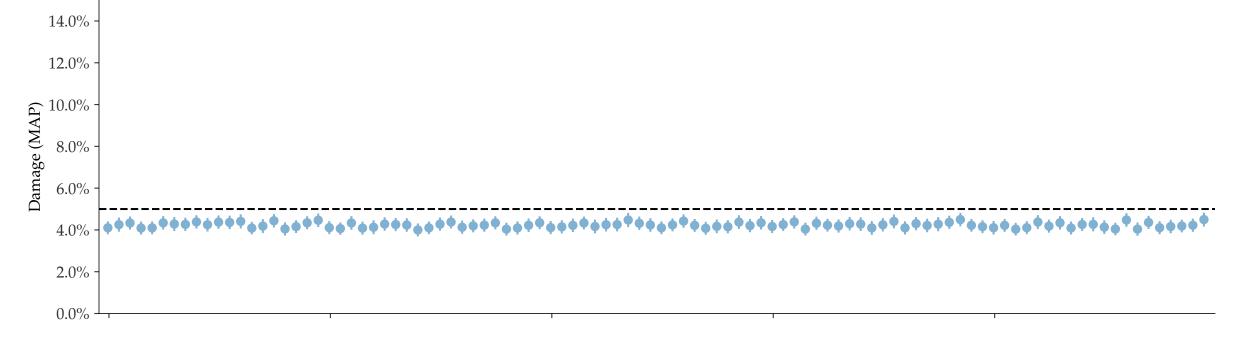


Individual damages: 50000 reads Briggs damage = 0.138 Damage percent = 5%

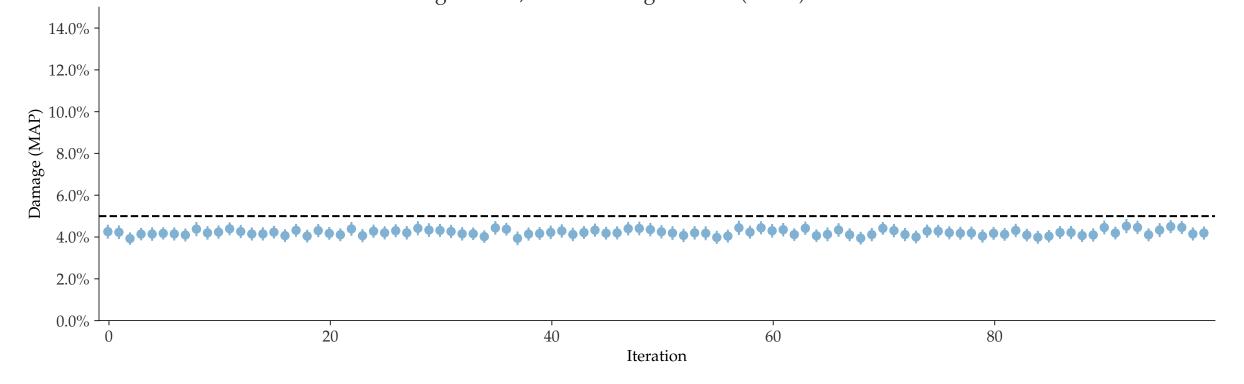




Lengths = 60, 16.0% damaged reads (mean) in fasta file

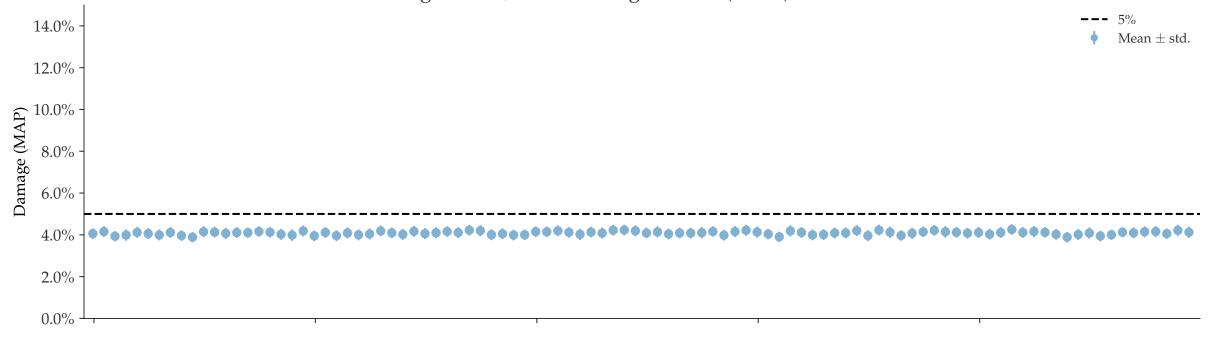


Lengths = 90, 21.2% damaged reads (mean) in fasta file

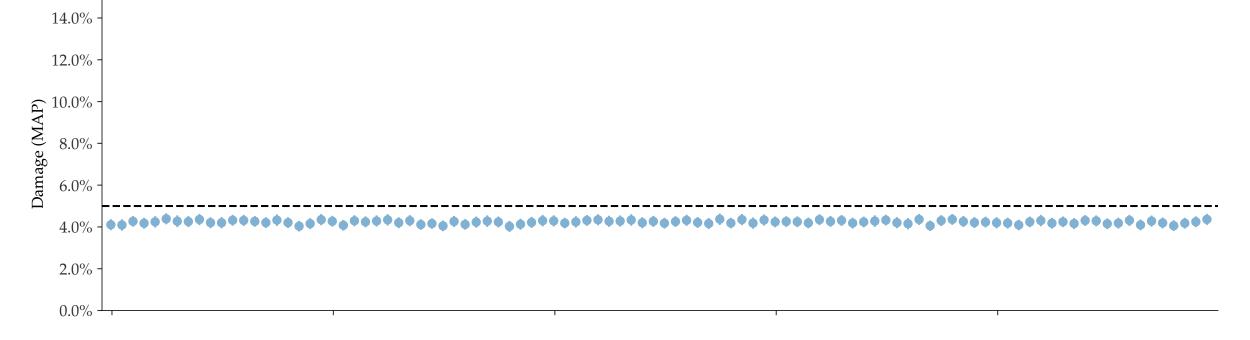


Individual damages: 100000 reads Briggs damage = 0.138 Damage percent = 5%

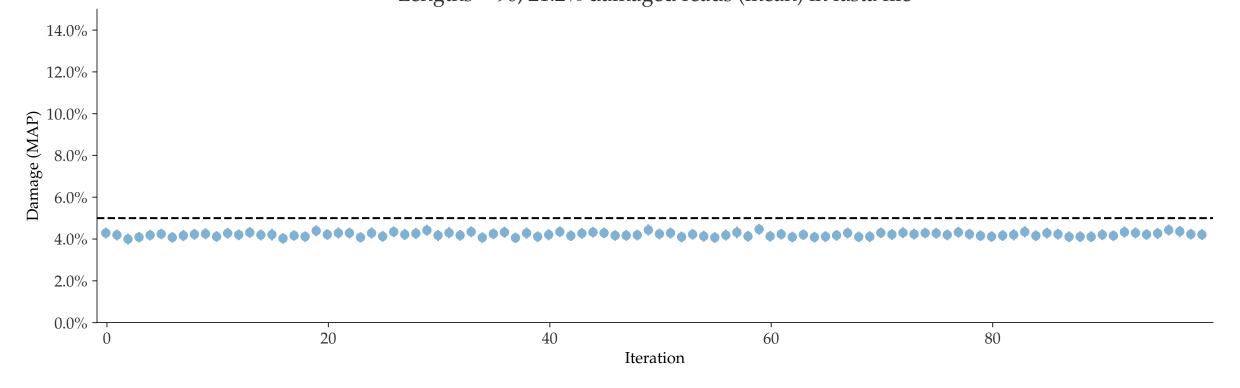




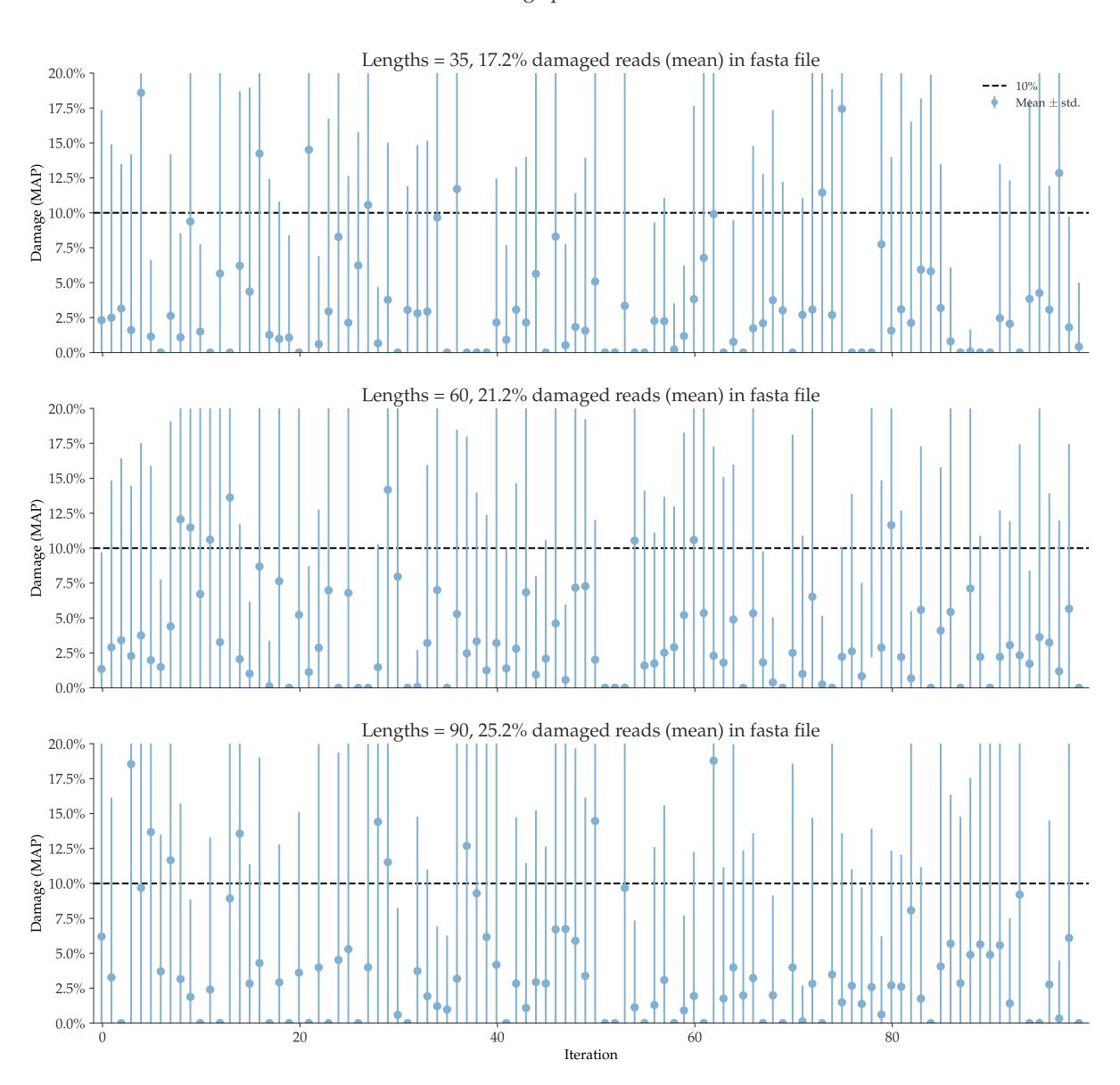
Lengths = 60, 16.0% damaged reads (mean) in fasta file



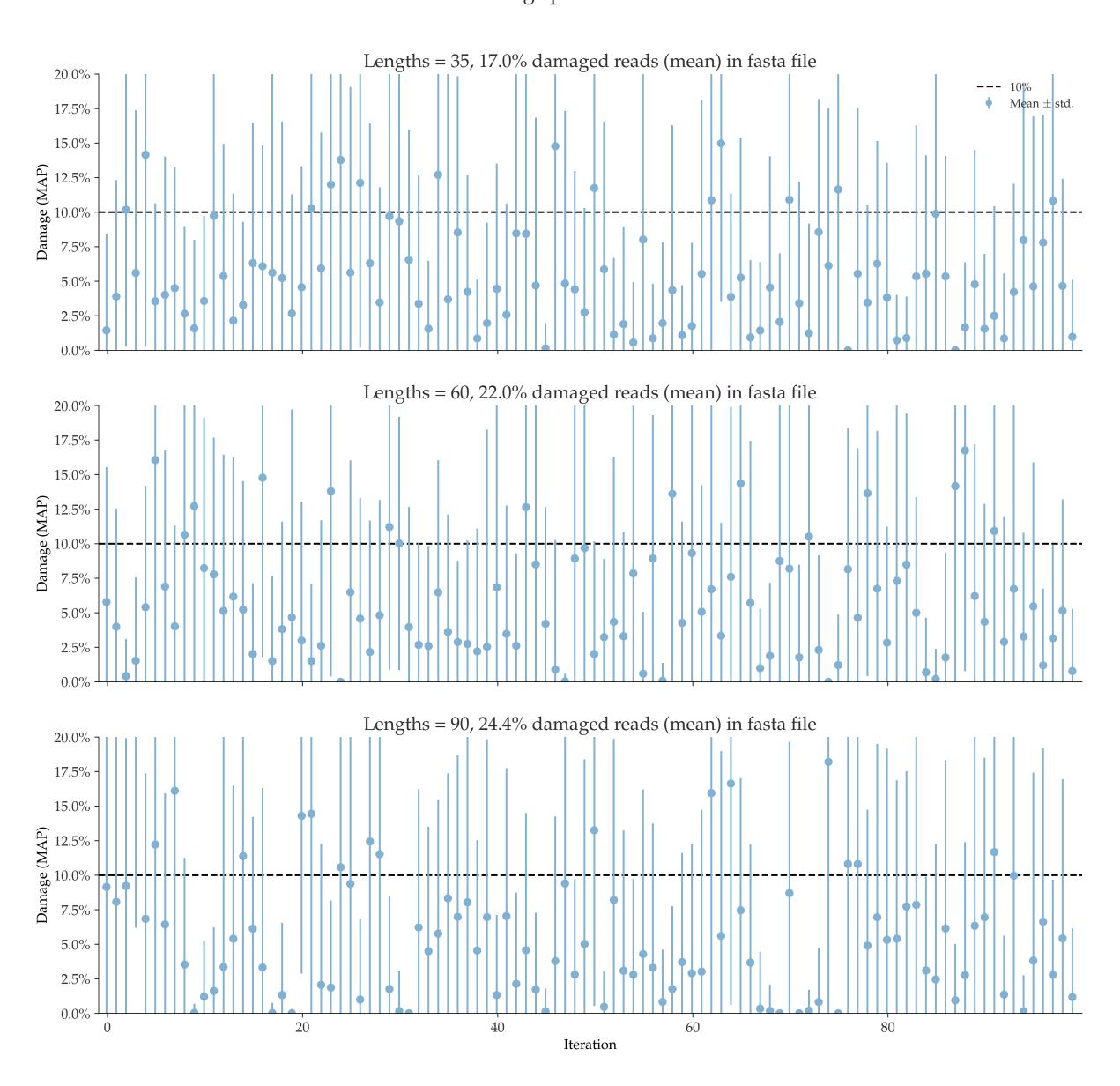
Lengths = 90, 21.2% damaged reads (mean) in fasta file



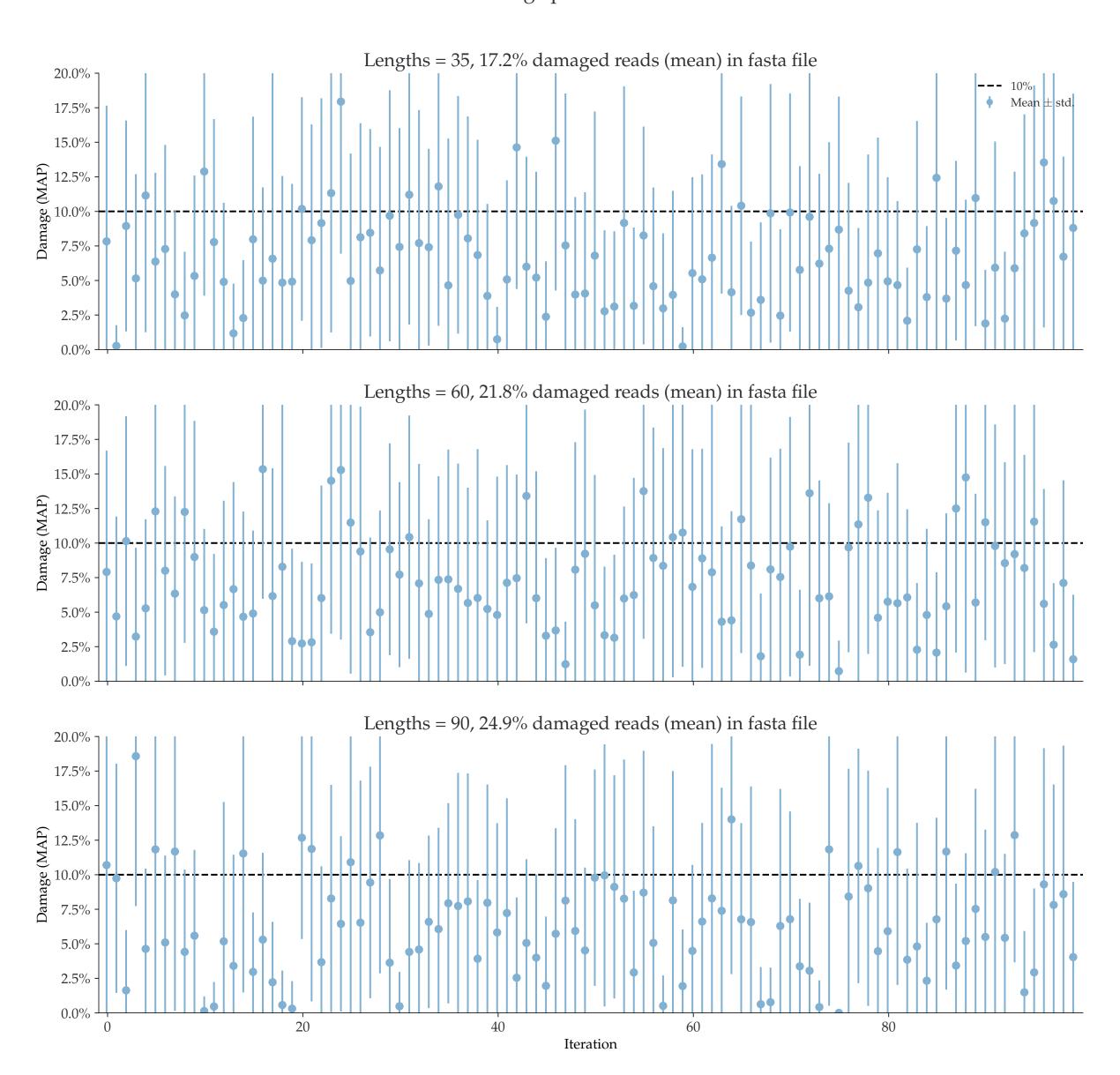
Individual damages: 10 reads Briggs damage = 0.303 Damage percent = 10%



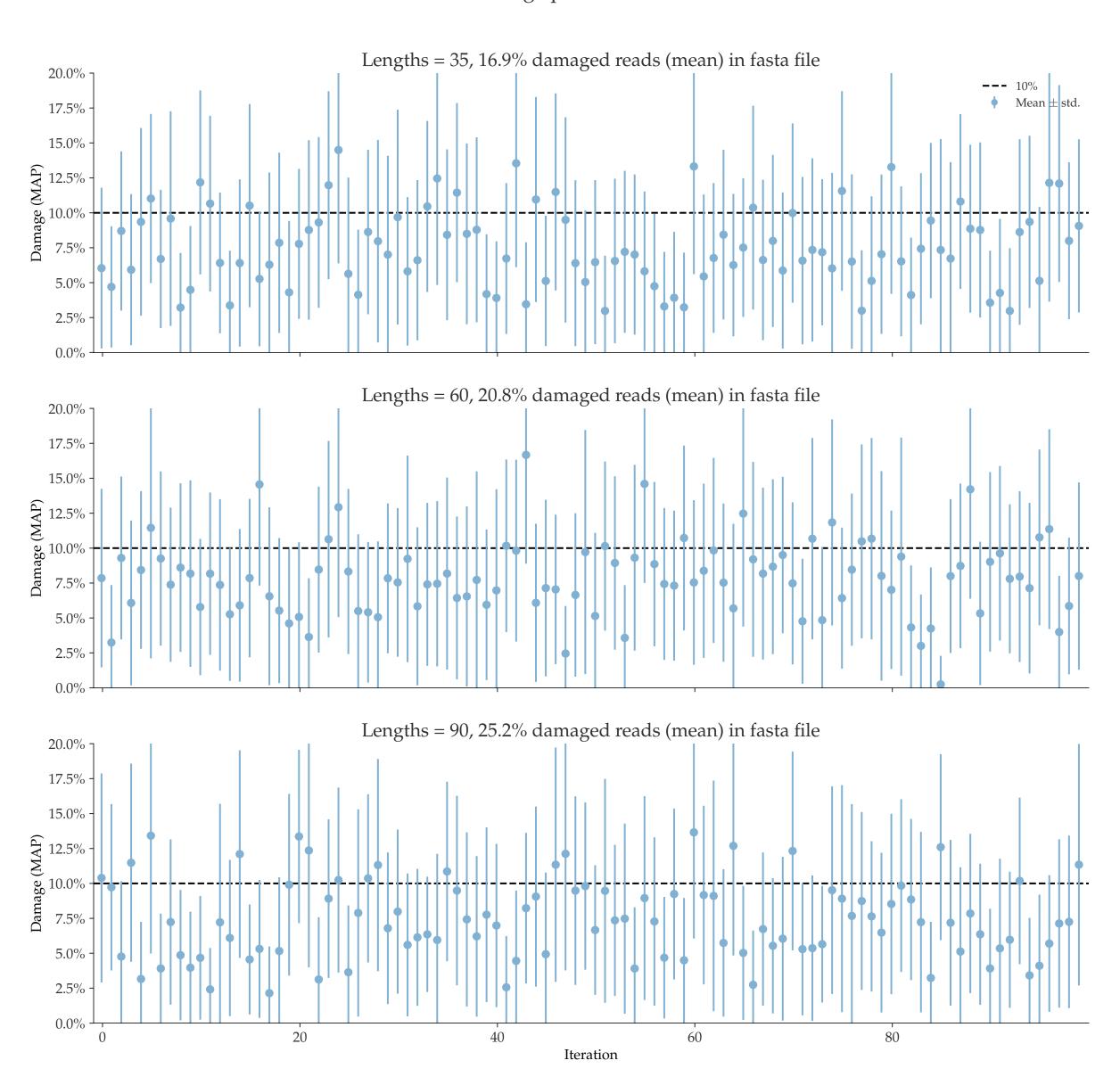
Individual damages: 25 reads Briggs damage = 0.303 Damage percent = 10%



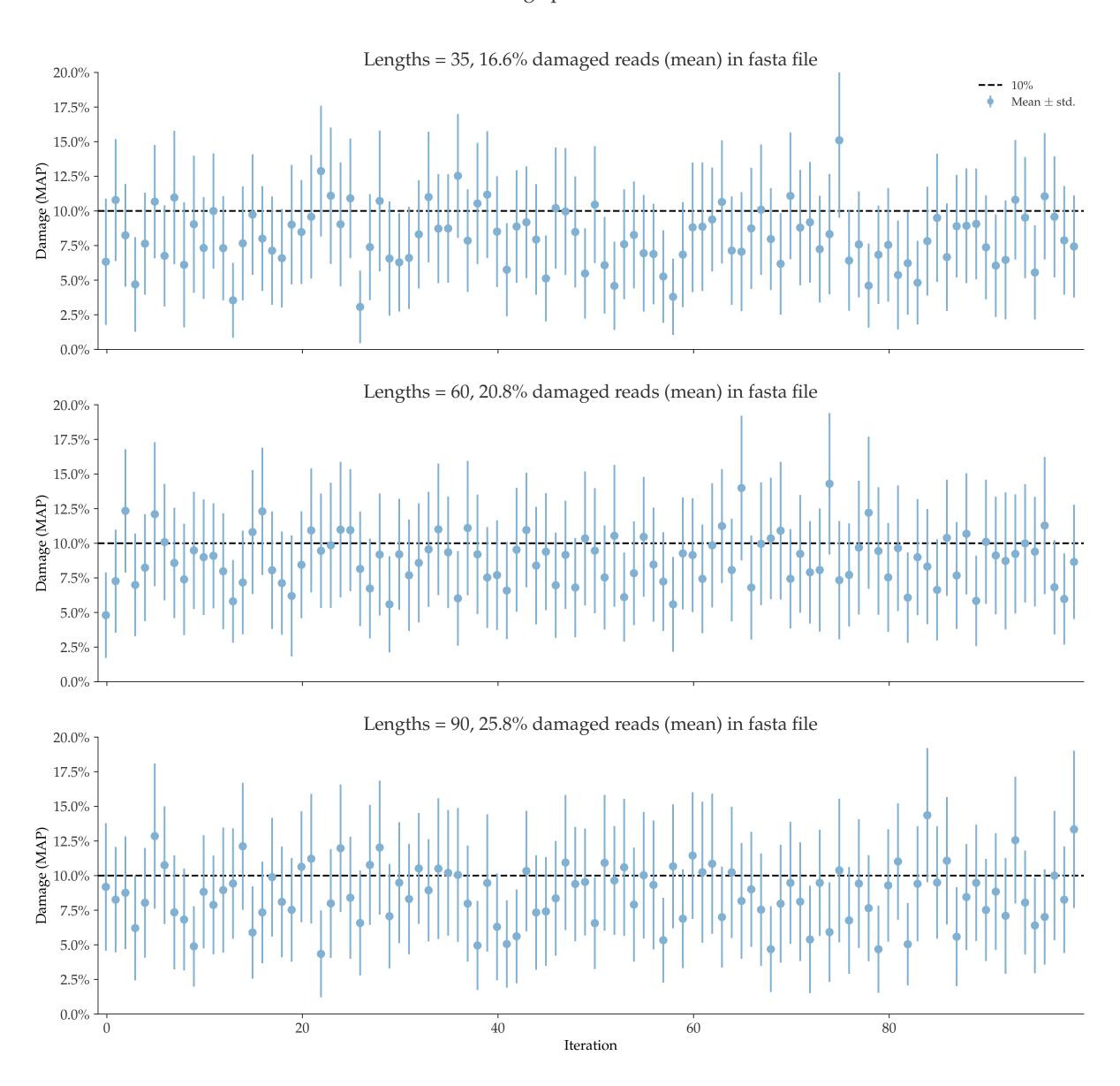
Individual damages: 50 reads Briggs damage = 0.303 Damage percent = 10%



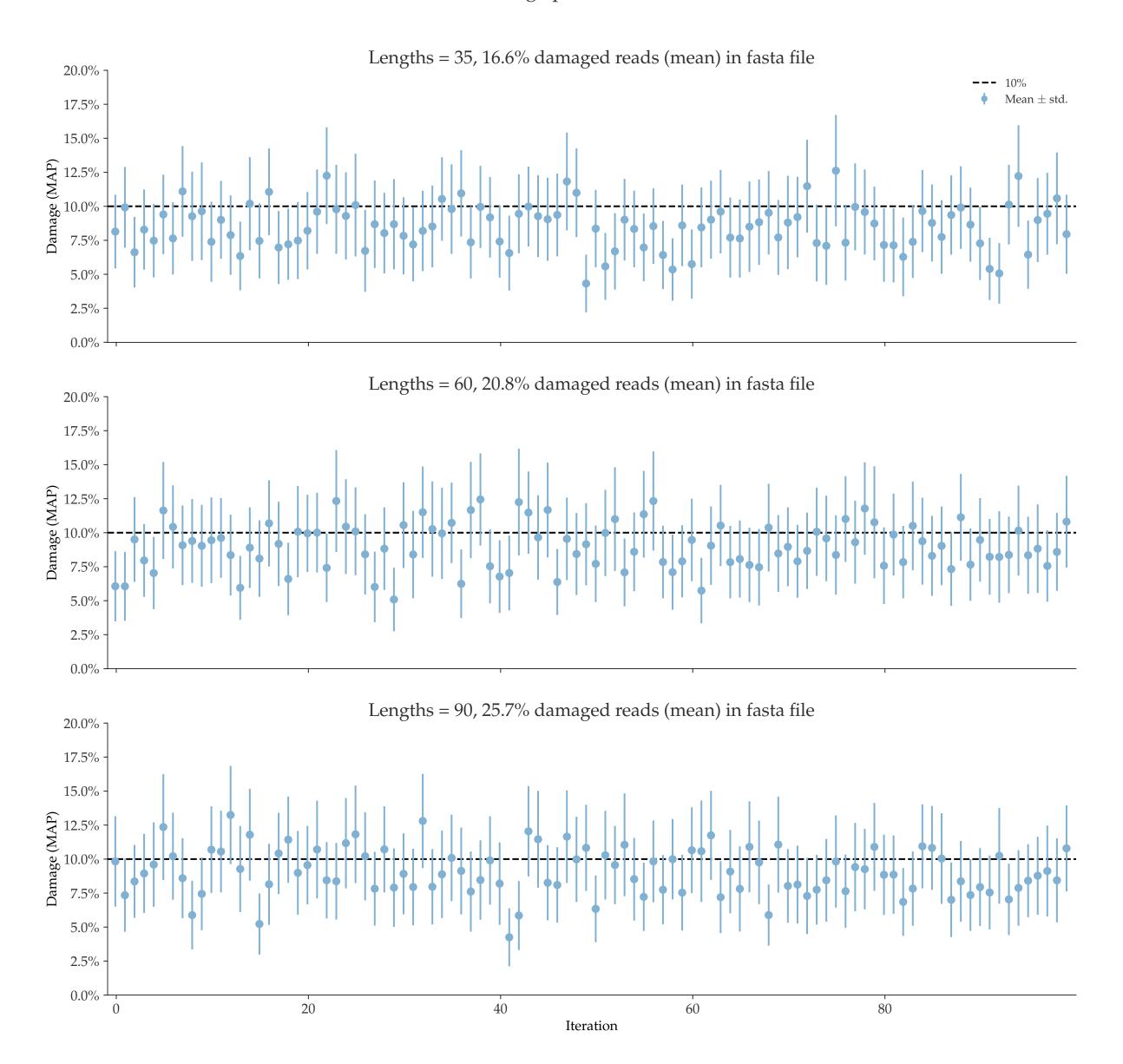
Individual damages: 100 reads Briggs damage = 0.303 Damage percent = 10%



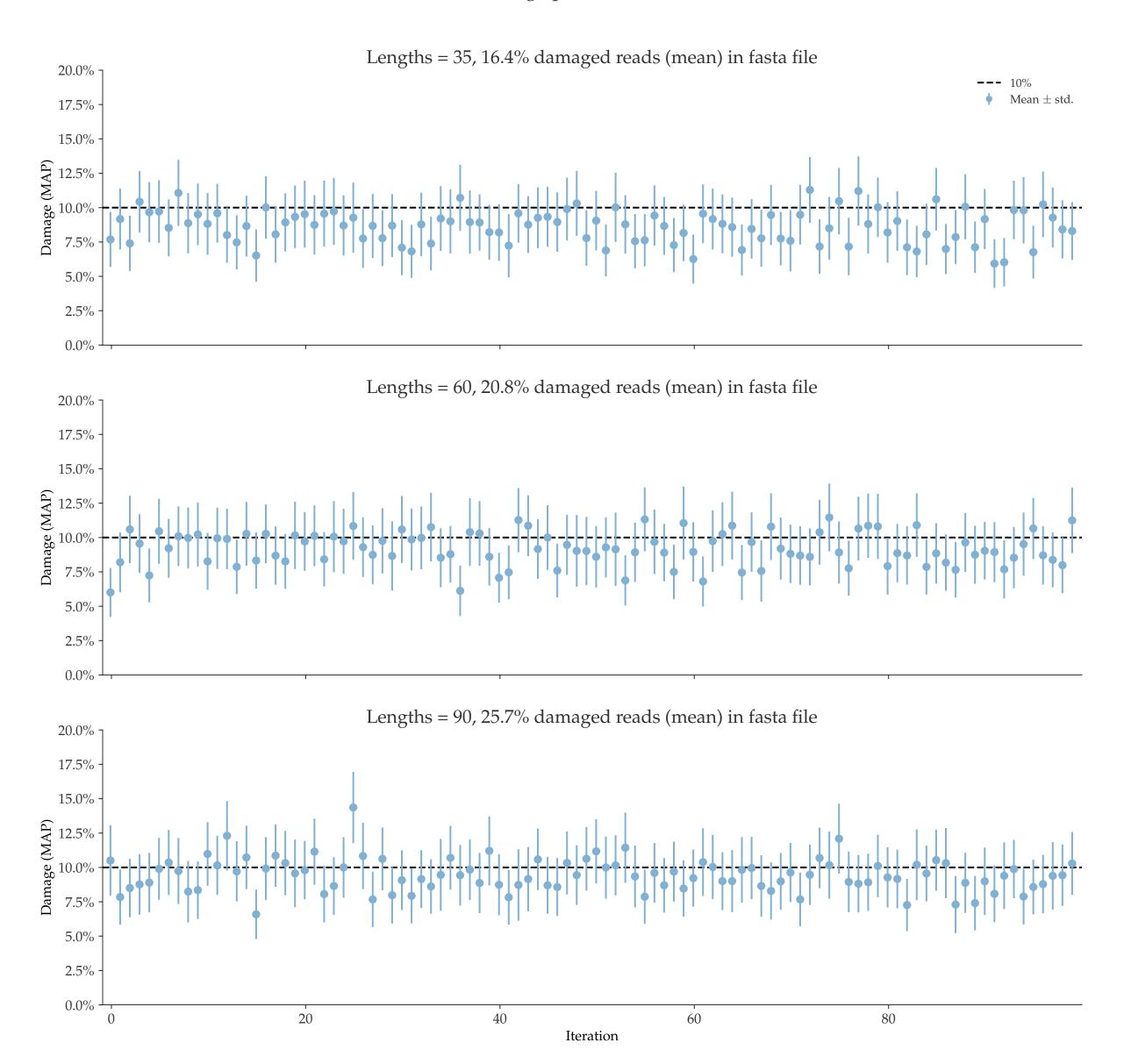
Individual damages: 250 reads Briggs damage = 0.303 Damage percent = 10%



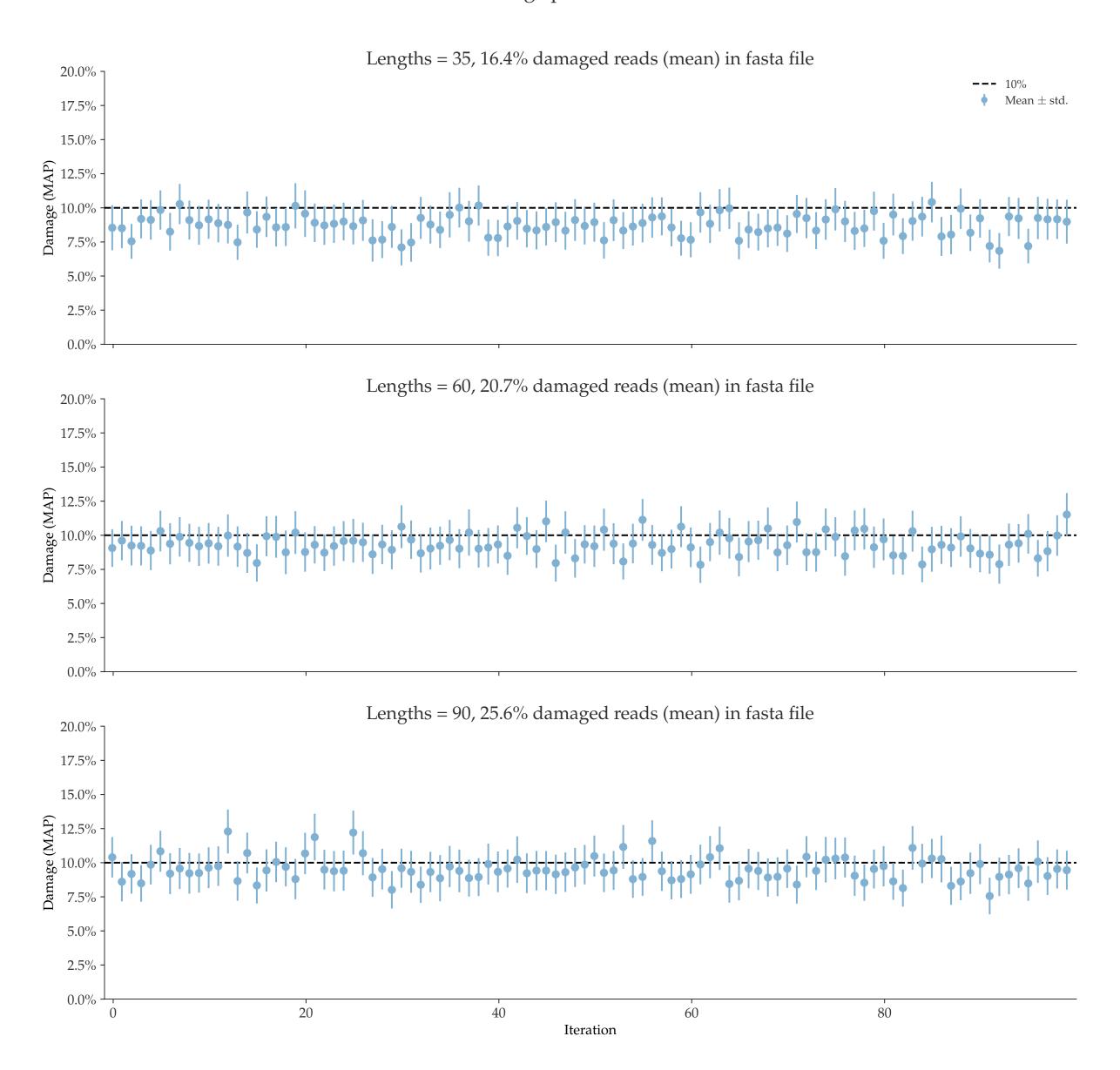
Individual damages: 500 reads Briggs damage = 0.303 Damage percent = 10%



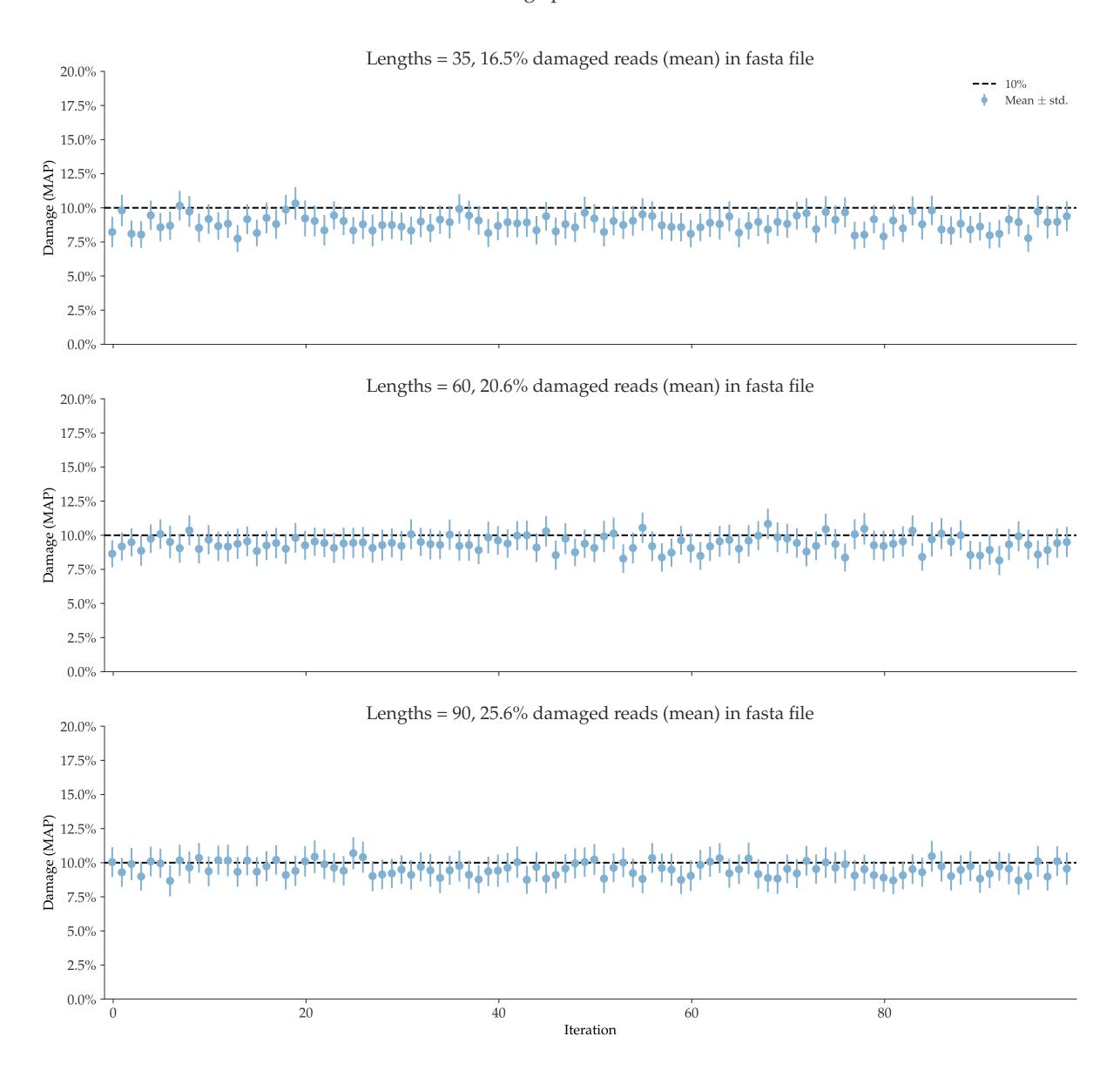
Individual damages: 1000 reads Briggs damage = 0.303 Damage percent = 10%



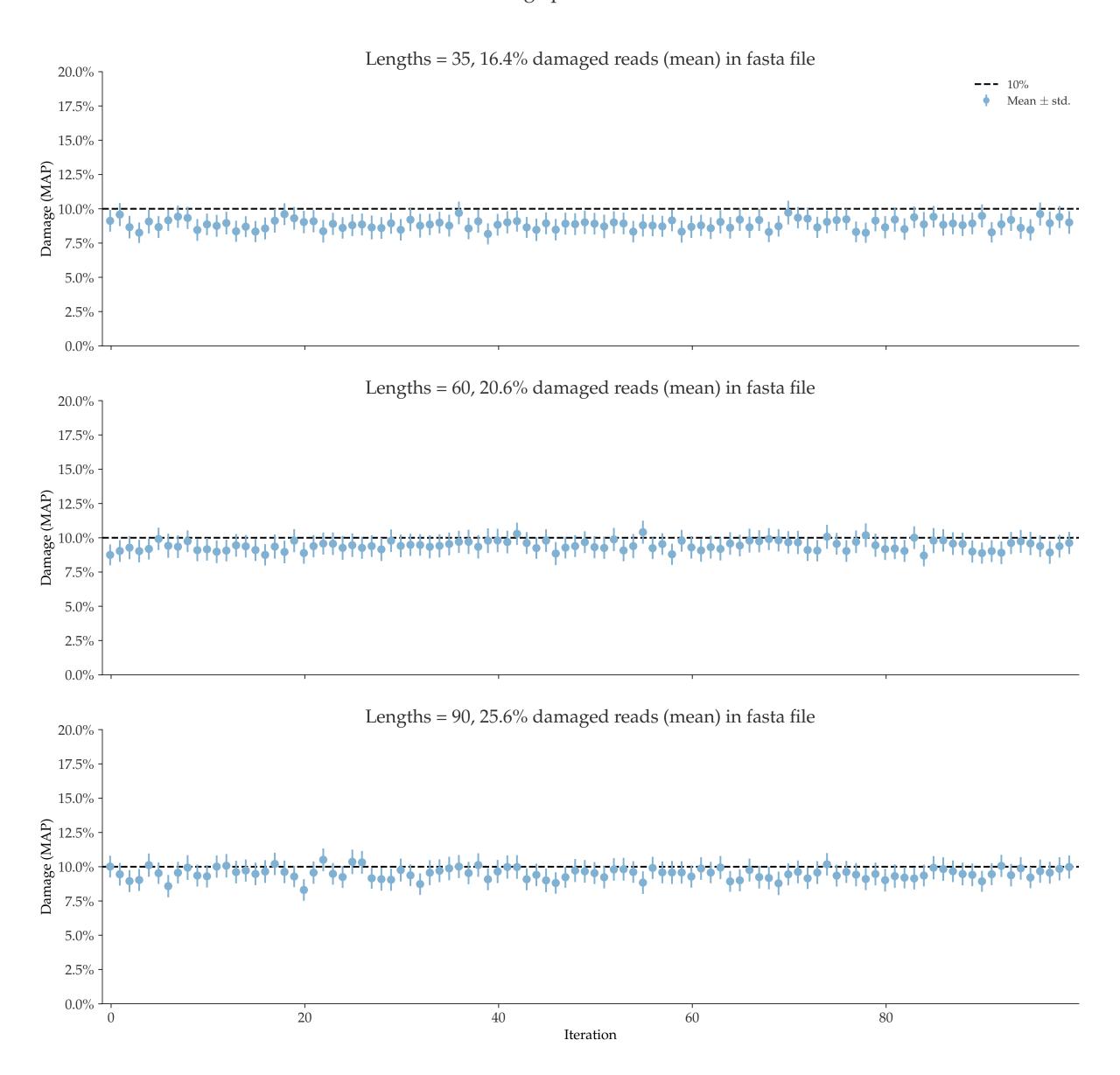
Individual damages: 2500 reads Briggs damage = 0.303 Damage percent = 10%



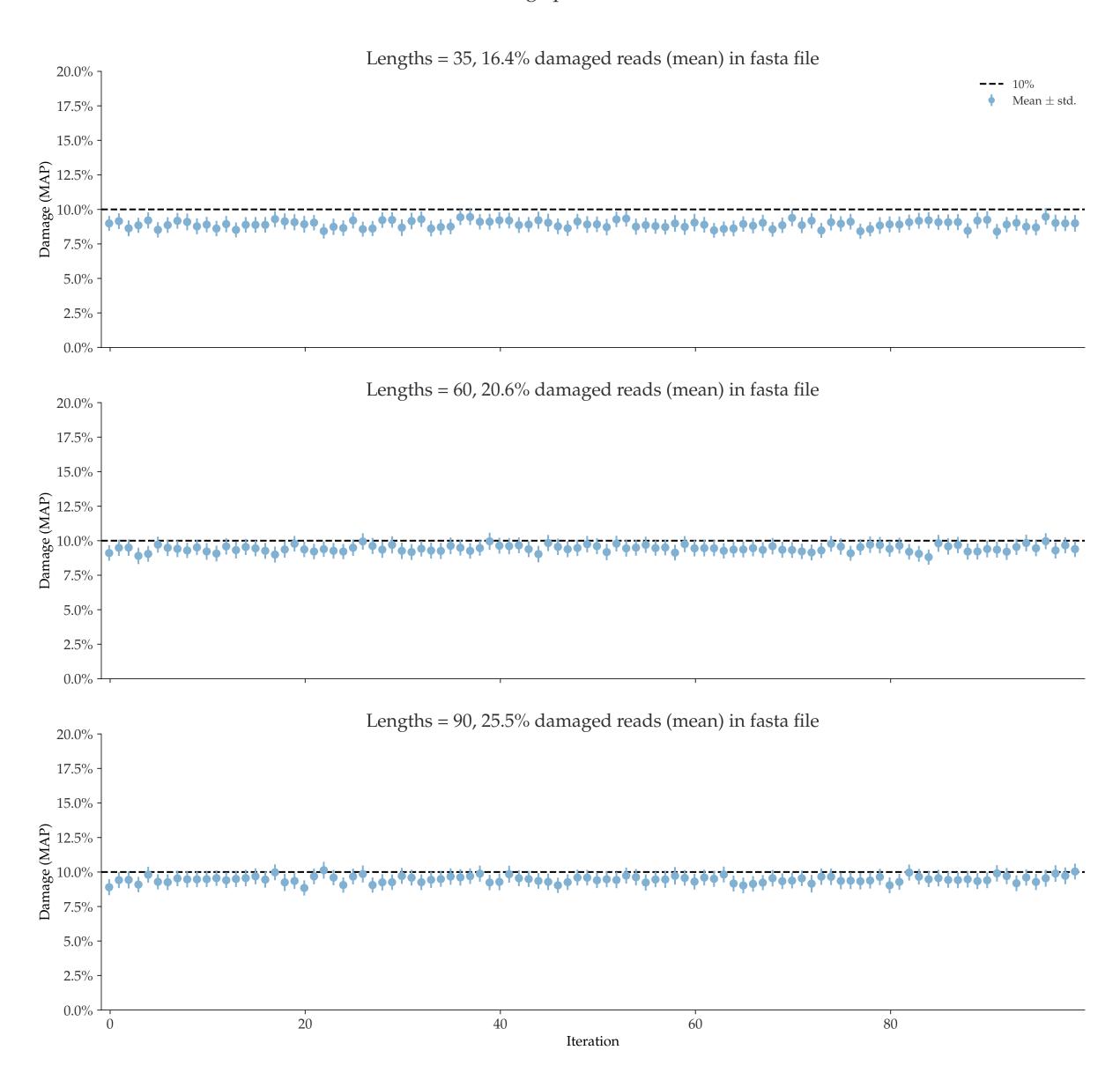
Individual damages: 5000 reads Briggs damage = 0.303 Damage percent = 10%



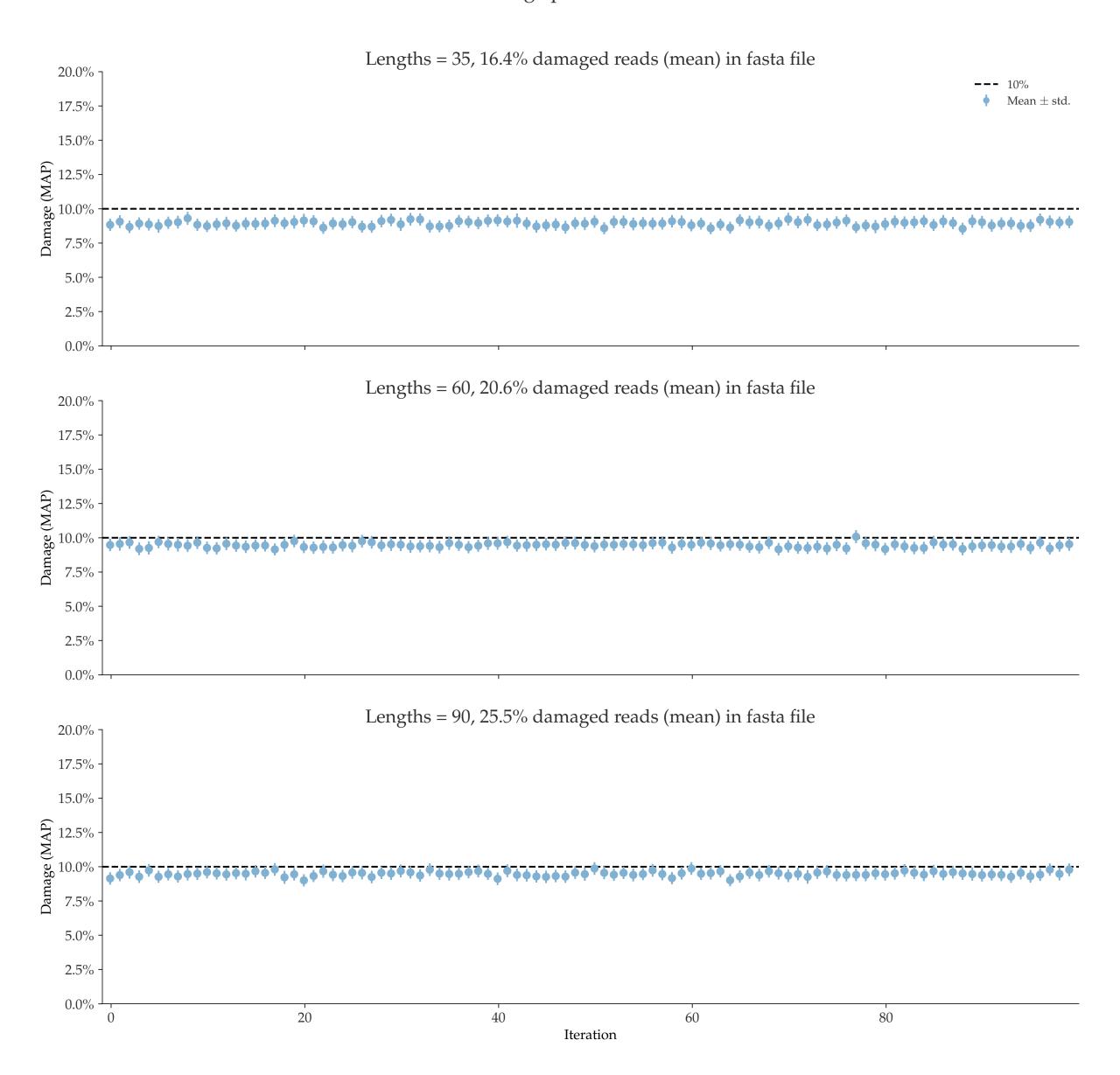
Individual damages: 10000 reads Briggs damage = 0.303 Damage percent = 10%



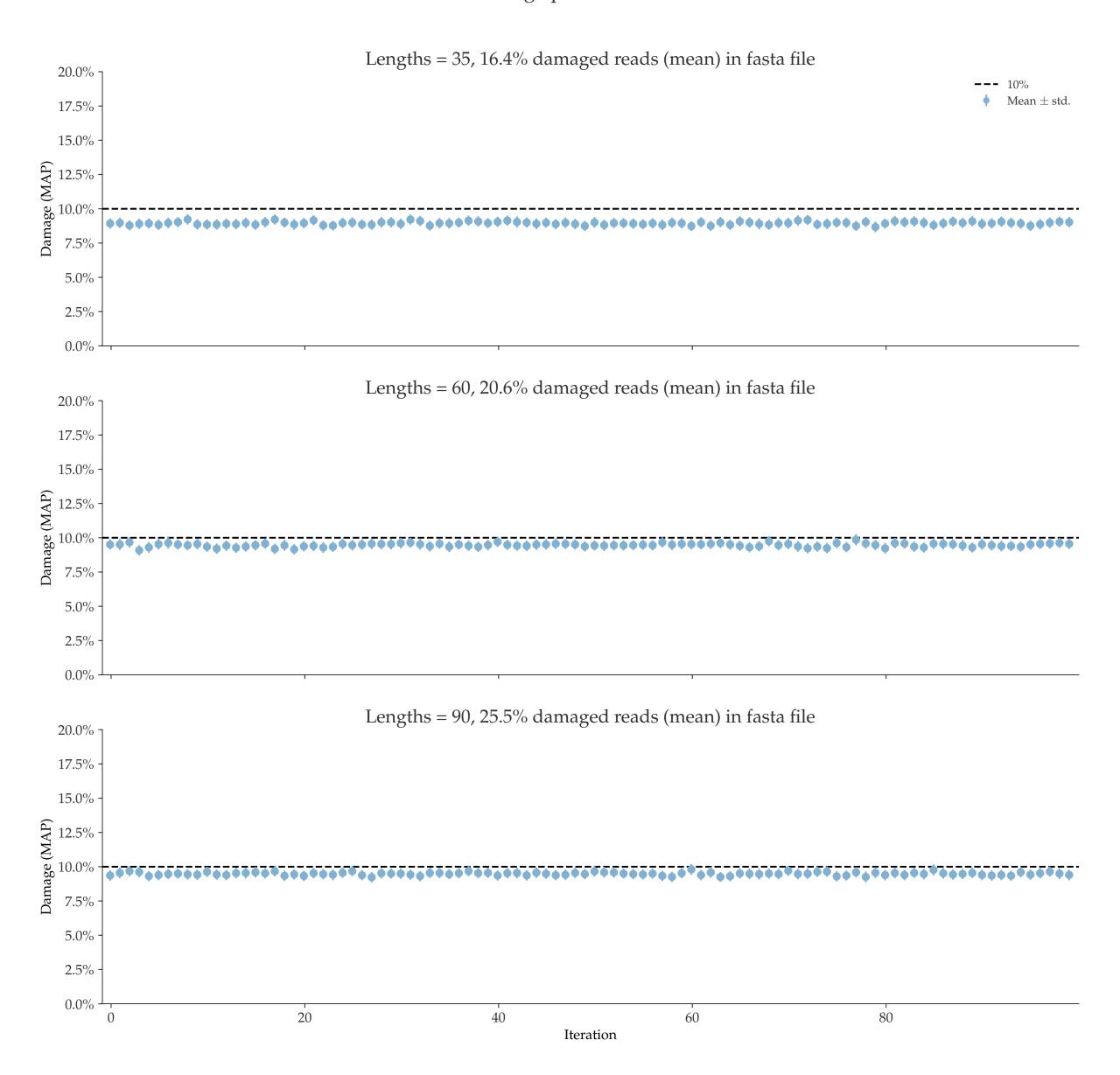
Individual damages: 25000 reads Briggs damage = 0.303 Damage percent = 10%



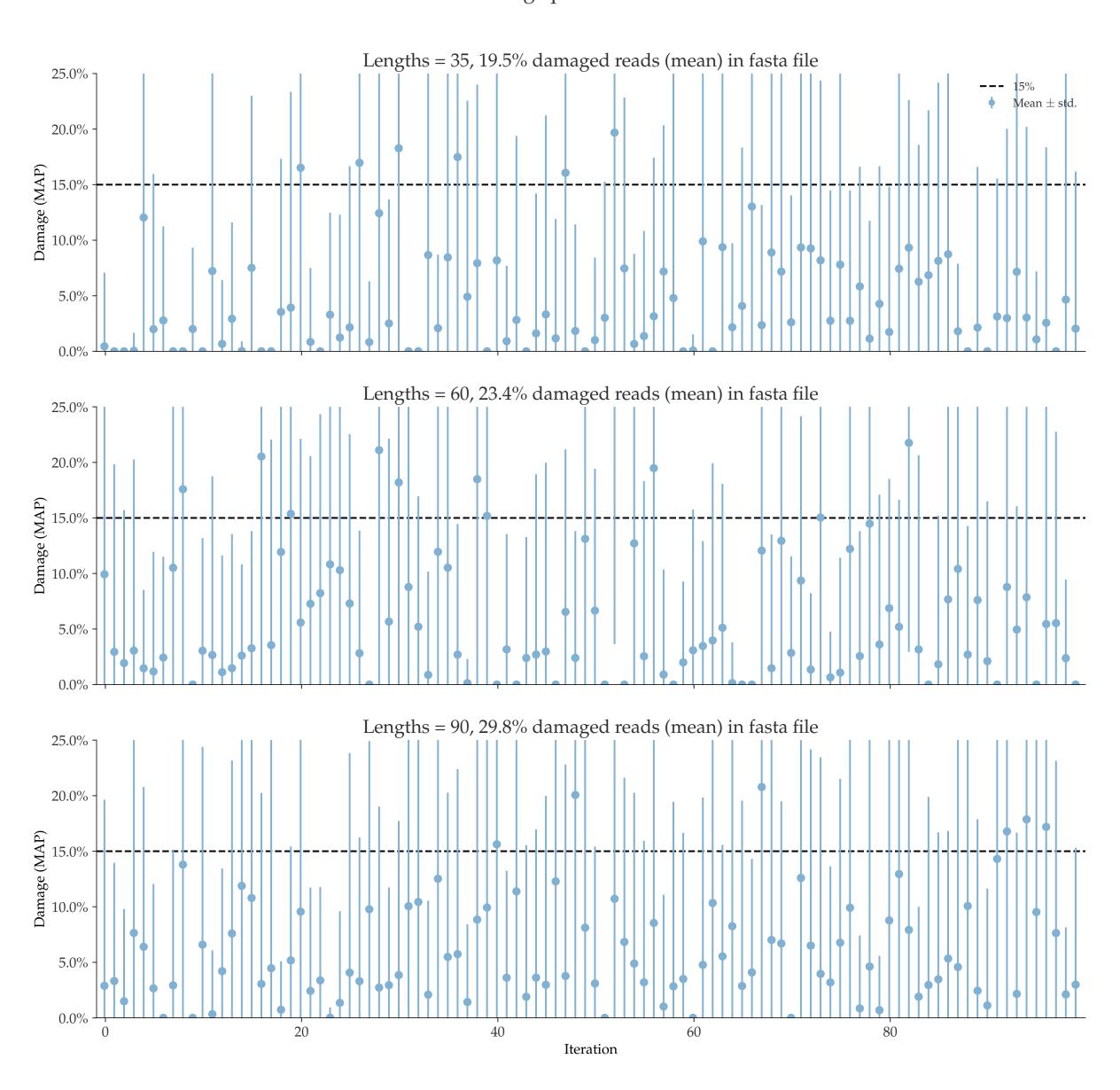
Individual damages: 50000 reads Briggs damage = 0.303 Damage percent = 10%



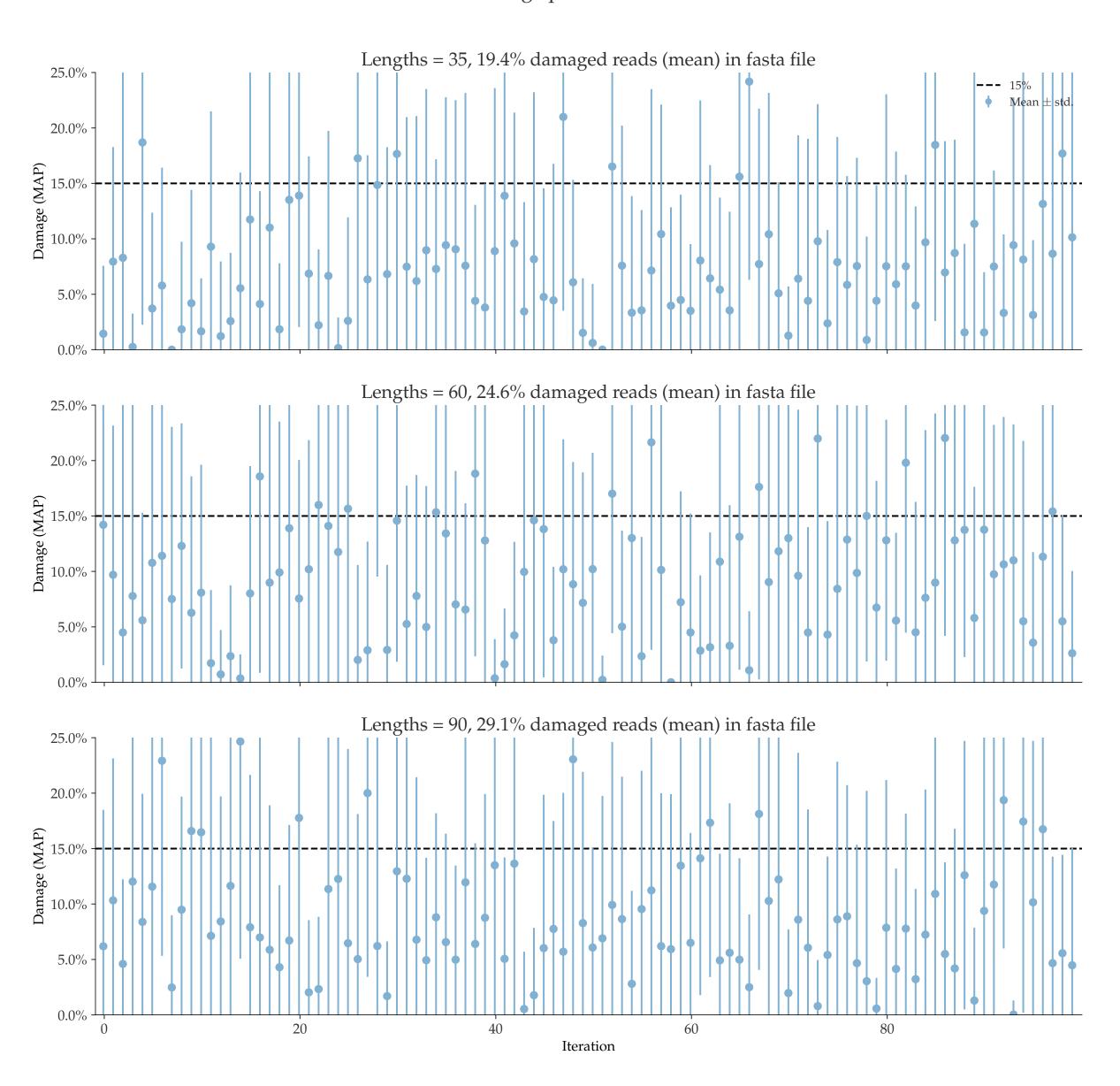
Individual damages: 100000 reads Briggs damage = 0.303 Damage percent = 10%



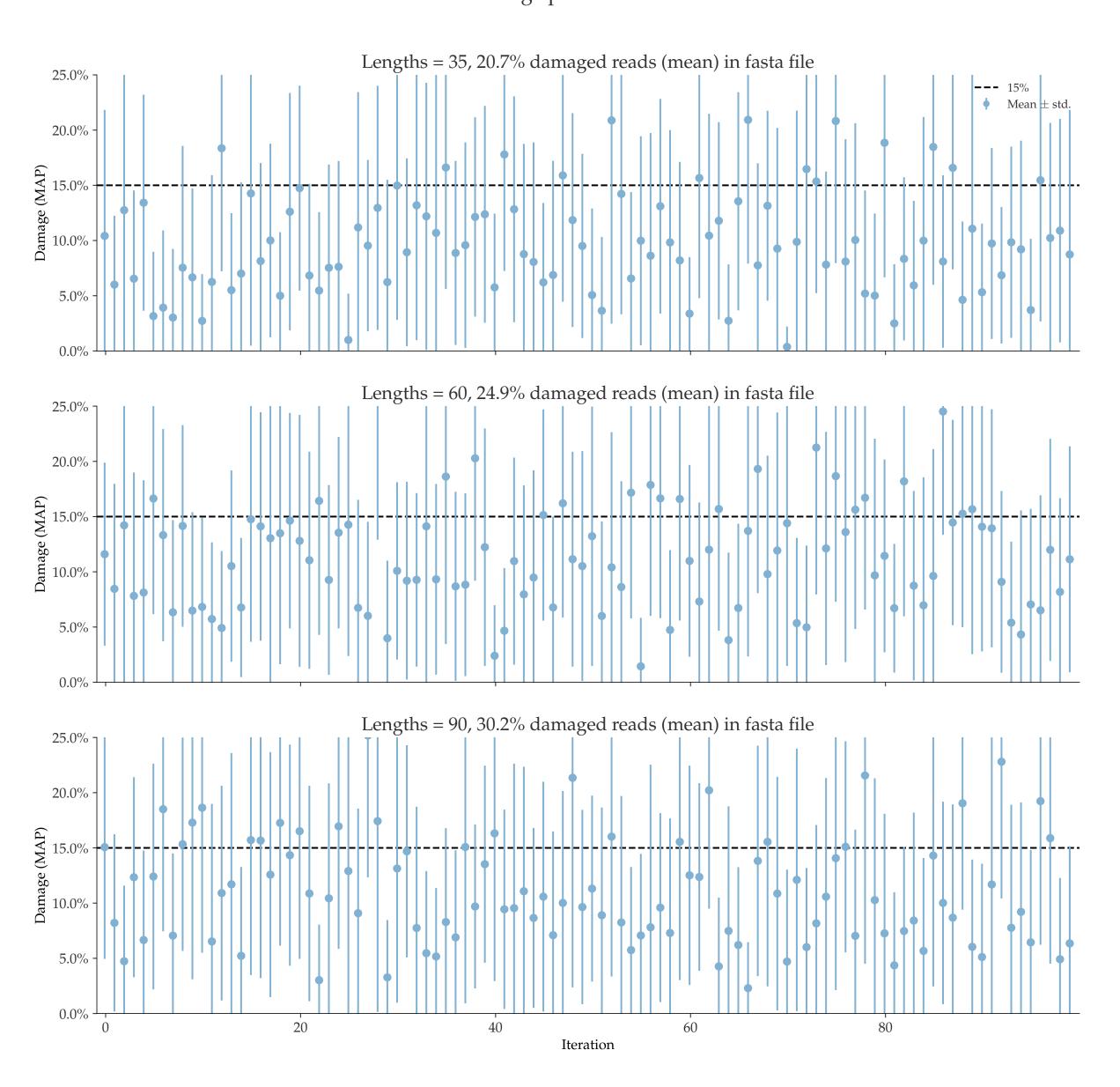
Individual damages: 10 reads Briggs damage = 0.466 Damage percent = 15%



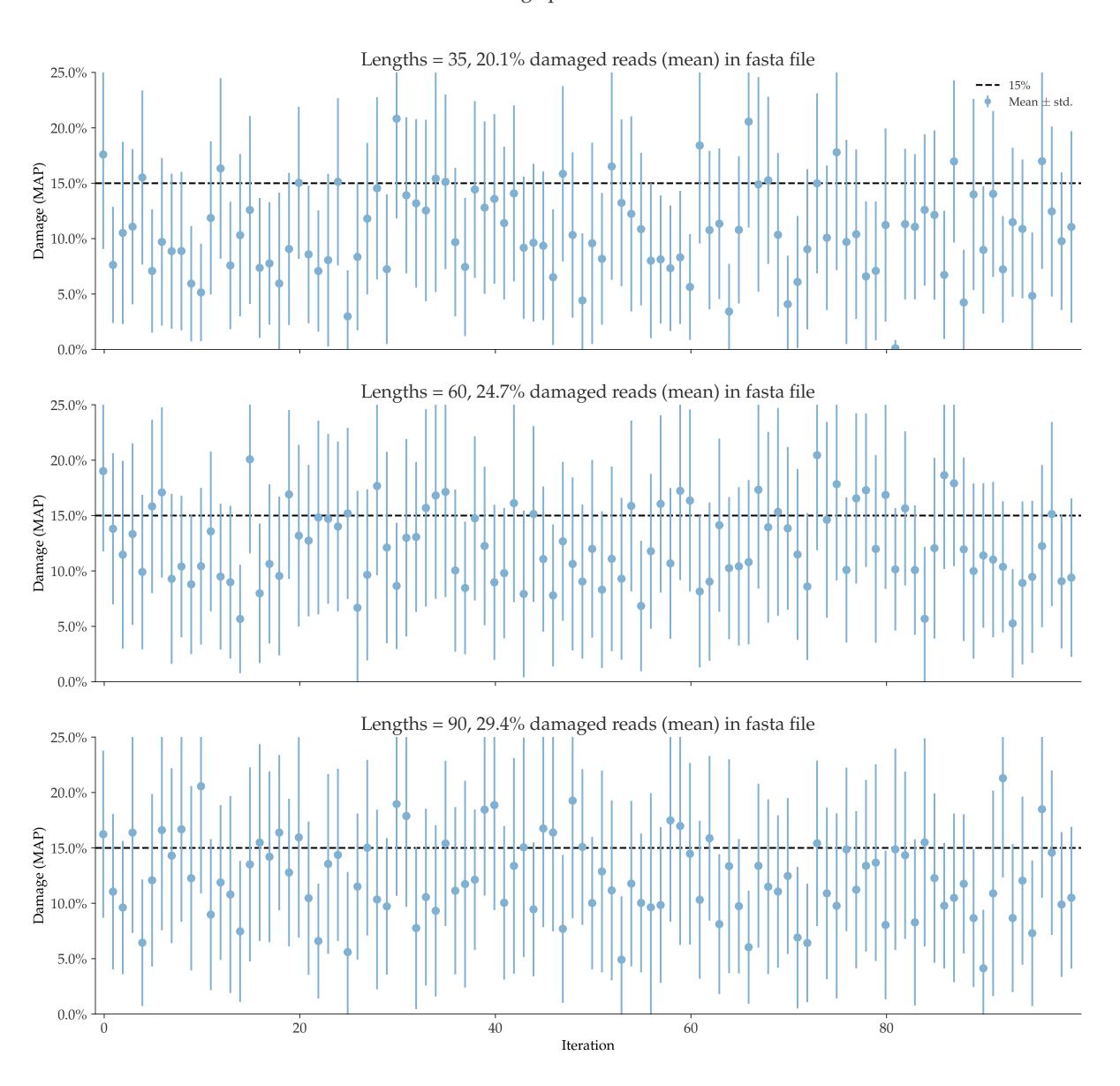
Individual damages: 25 reads Briggs damage = 0.466 Damage percent = 15%



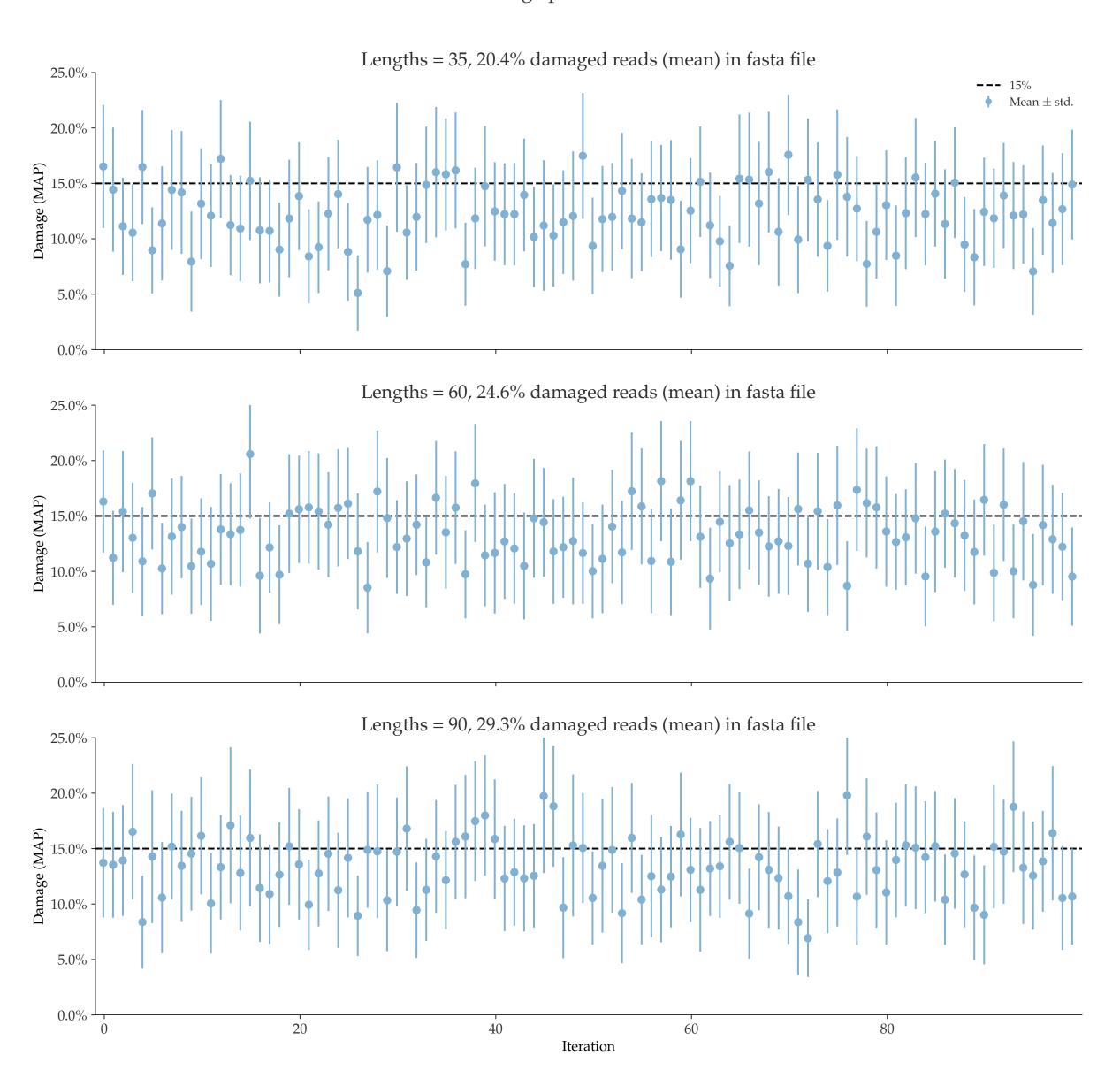
Individual damages: 50 reads Briggs damage = 0.466 Damage percent = 15%



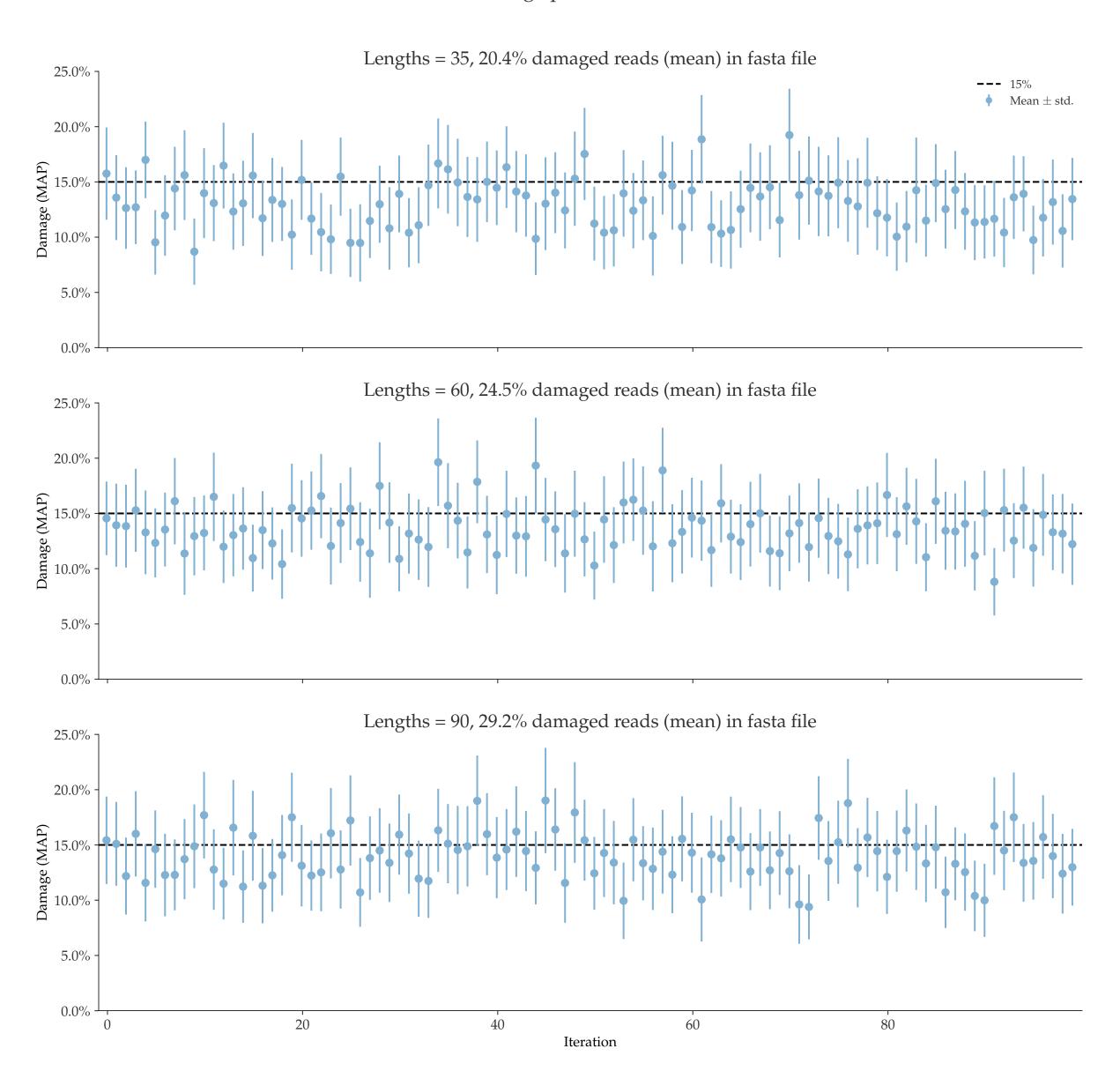
Individual damages: 100 reads Briggs damage = 0.466 Damage percent = 15%



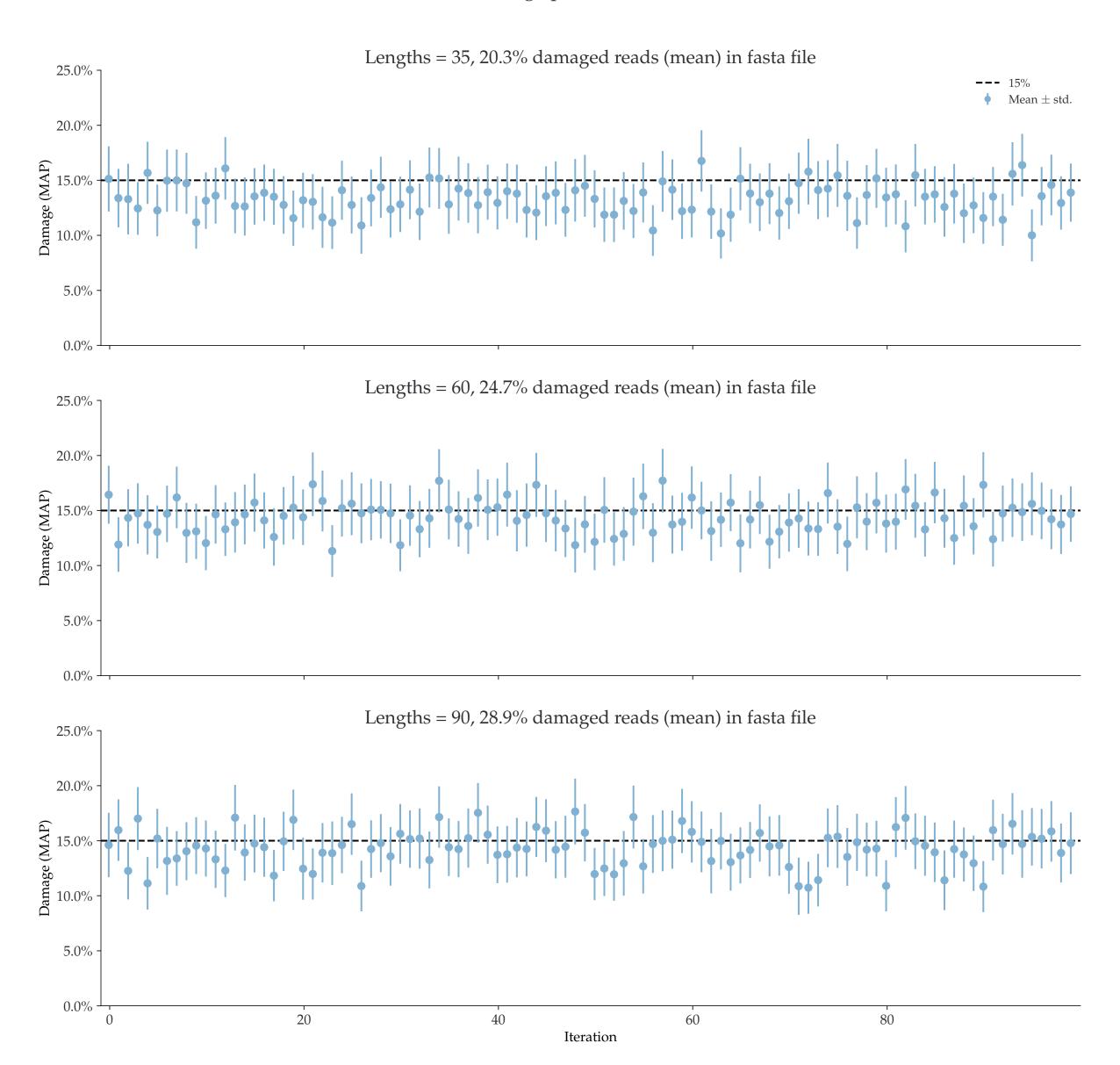
Individual damages: 250 reads Briggs damage = 0.466 Damage percent = 15%



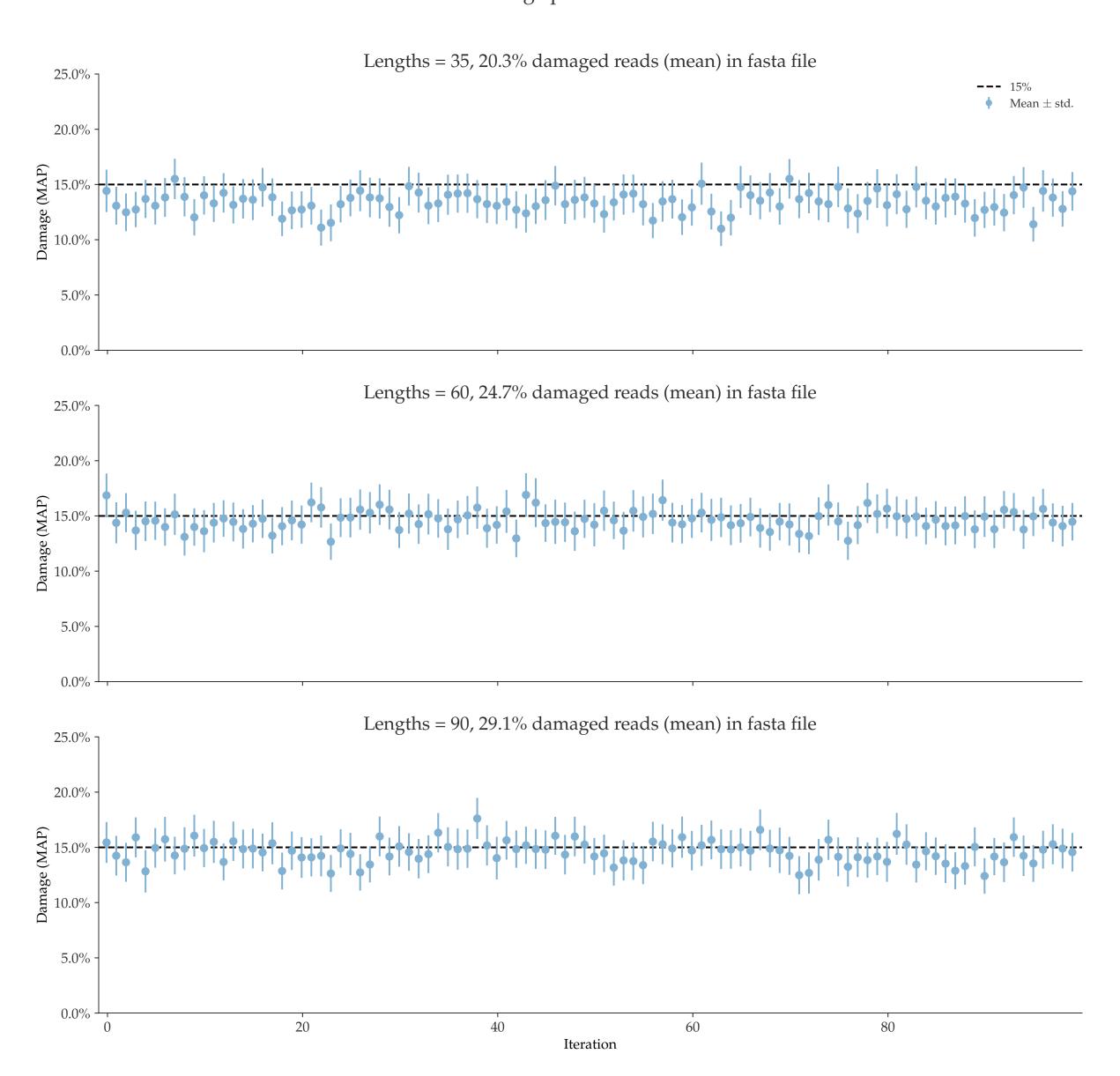
Individual damages: 500 reads Briggs damage = 0.466 Damage percent = 15%



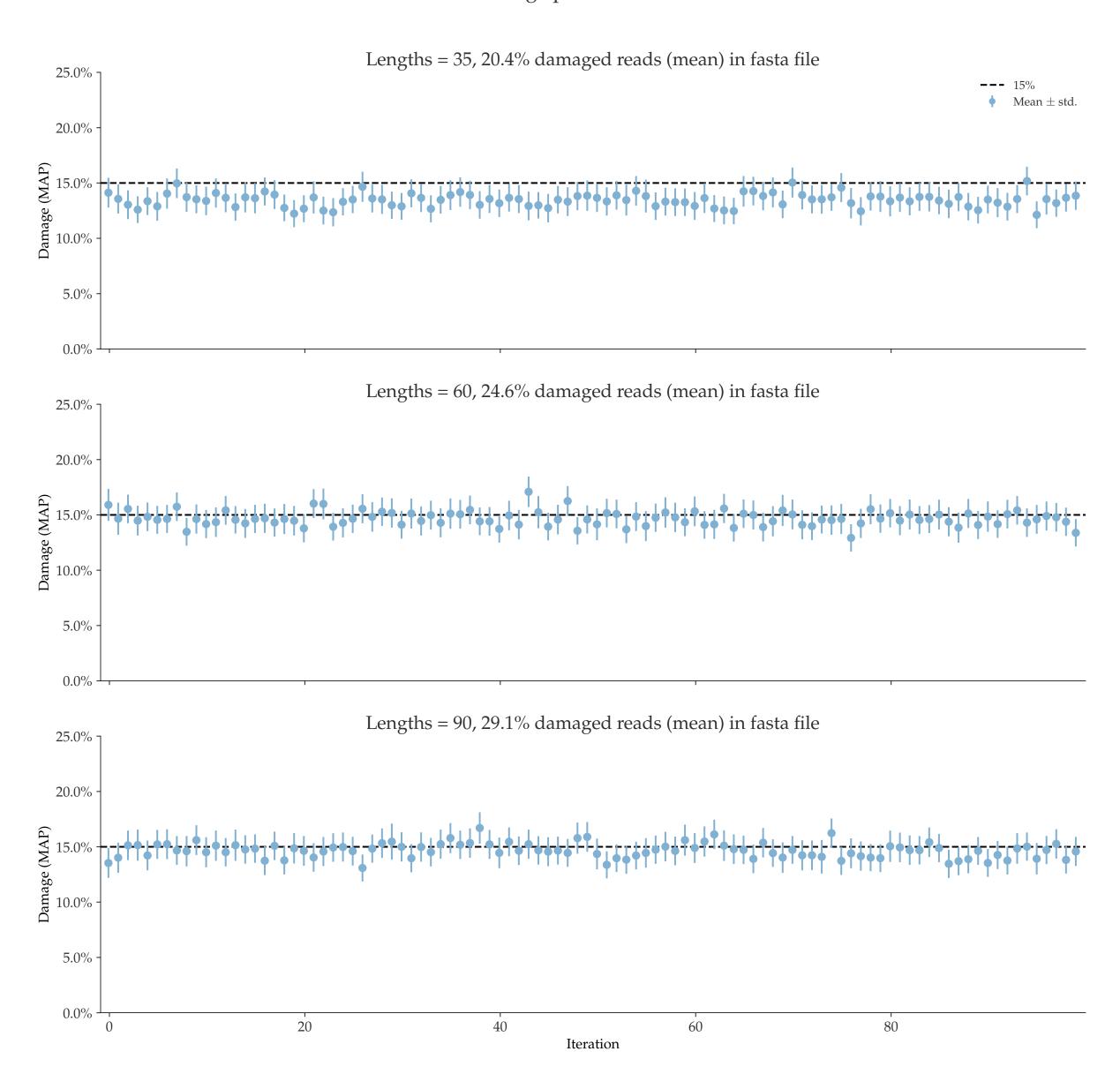
Individual damages: 1000 reads Briggs damage = 0.466 Damage percent = 15%



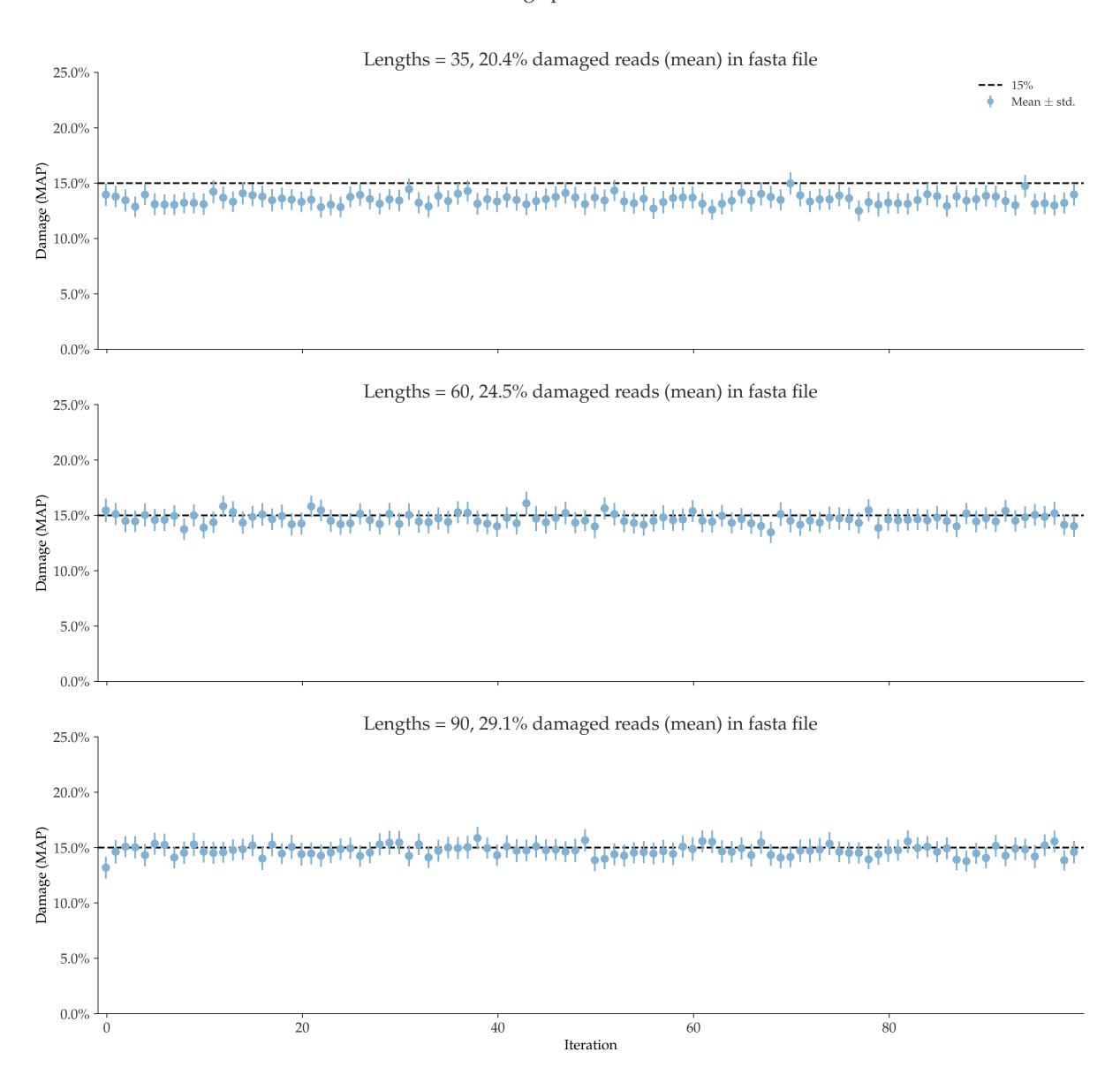
Individual damages: 2500 reads Briggs damage = 0.466 Damage percent = 15%



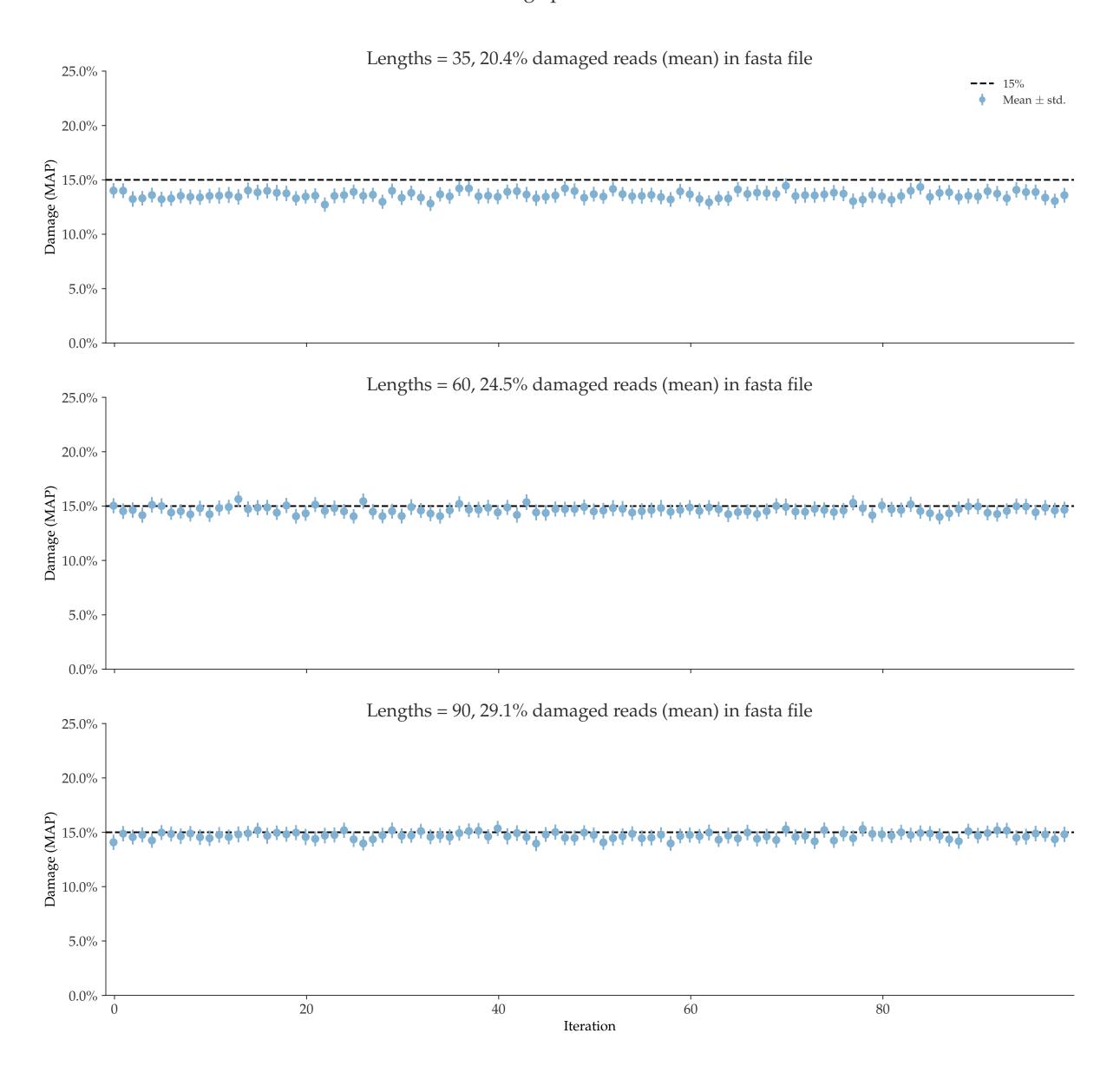
Individual damages: 5000 reads Briggs damage = 0.466 Damage percent = 15%



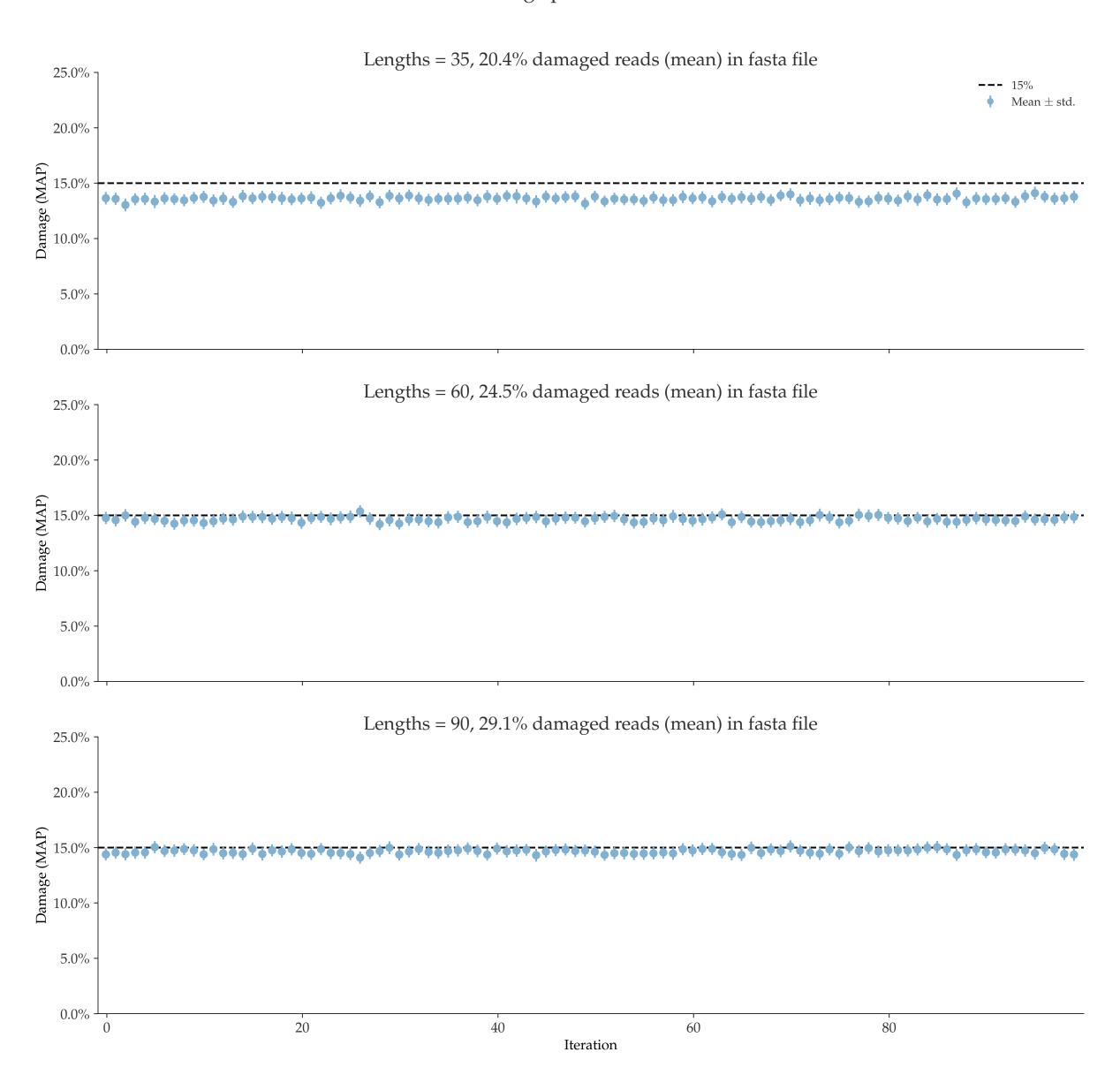
Individual damages: 10000 reads Briggs damage = 0.466 Damage percent = 15%



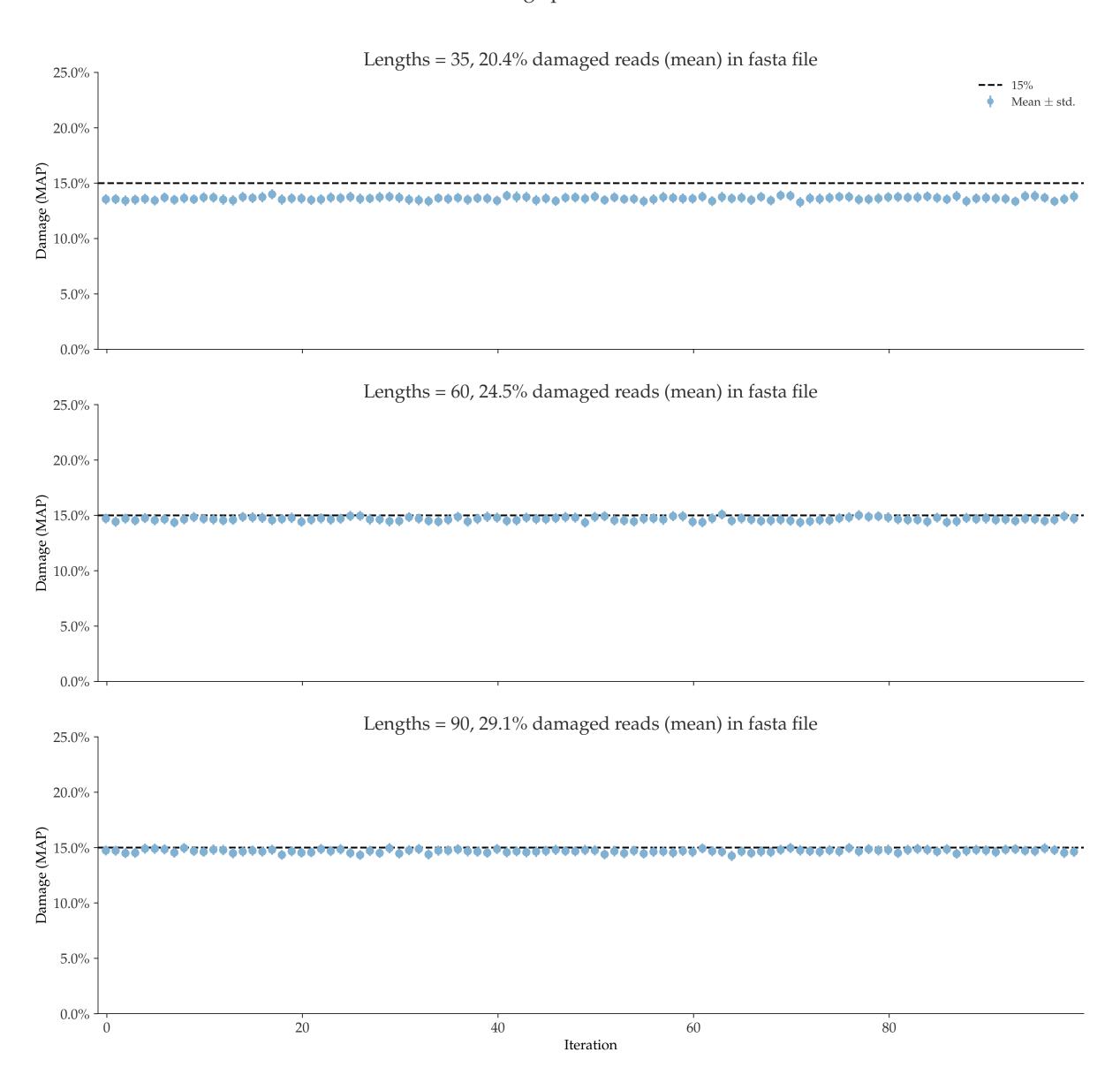
Individual damages: 25000 reads Briggs damage = 0.466 Damage percent = 15%



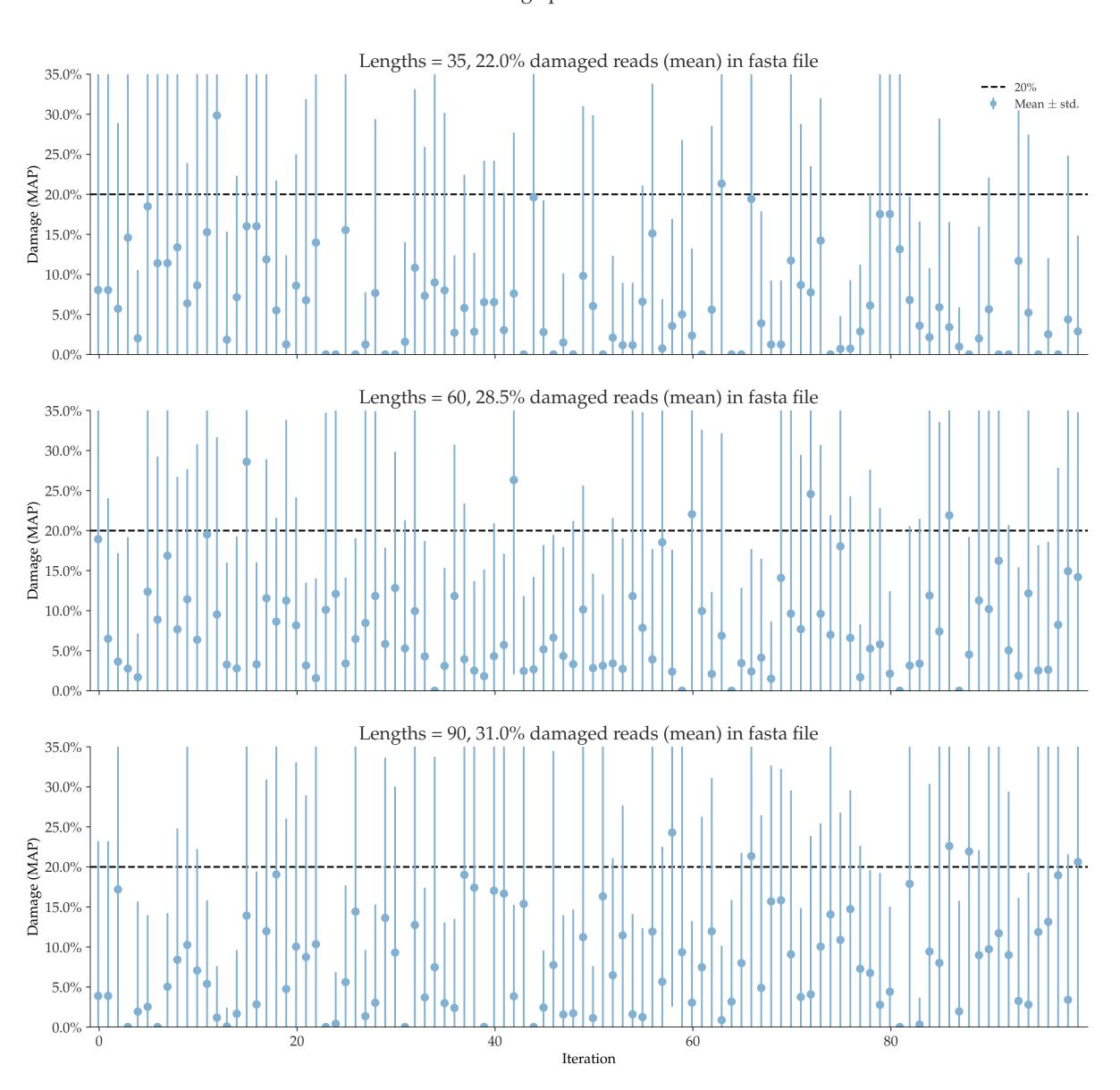
Individual damages: 50000 reads Briggs damage = 0.466 Damage percent = 15%



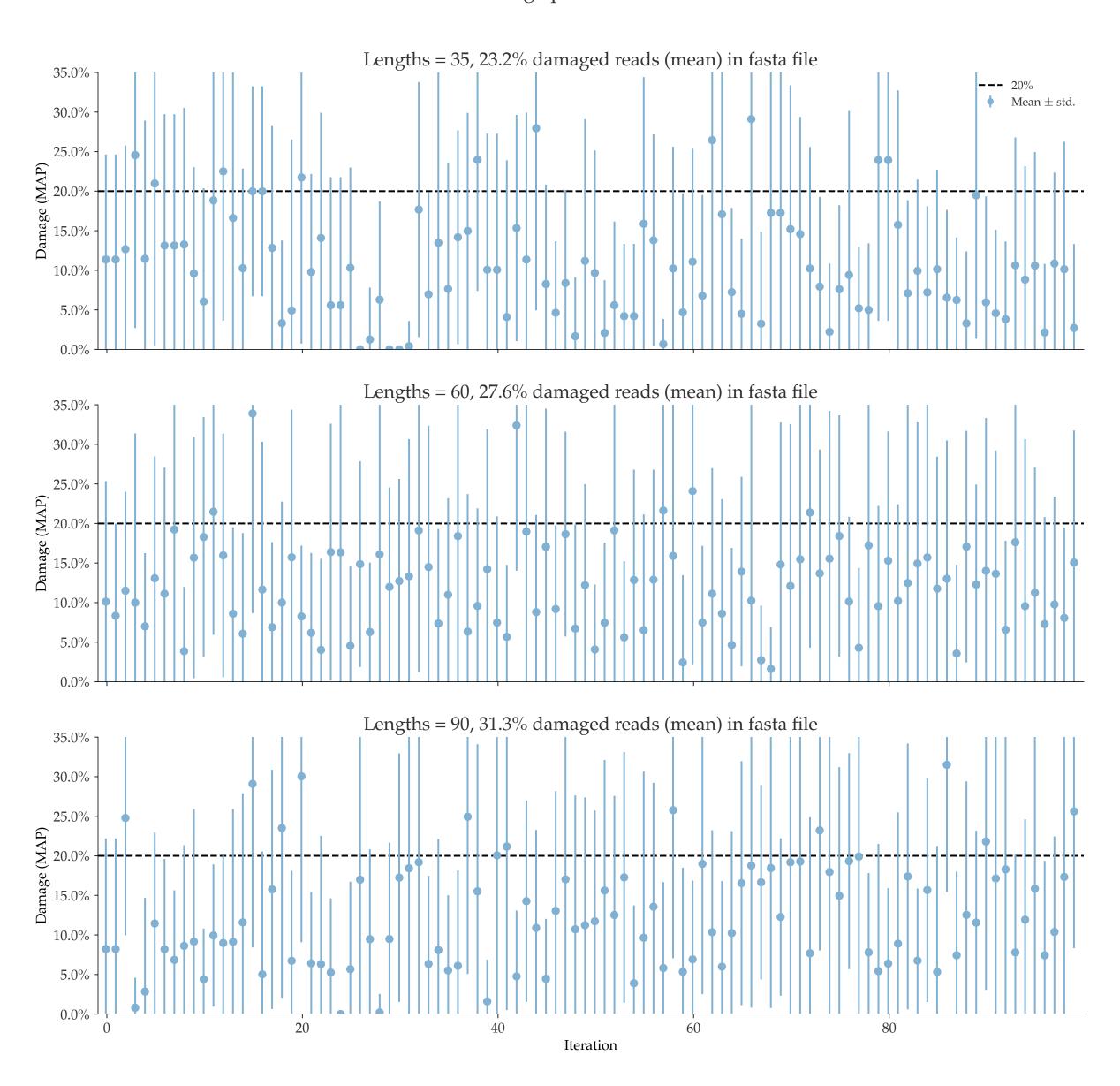
Individual damages: 100000 reads Briggs damage = 0.466 Damage percent = 15%



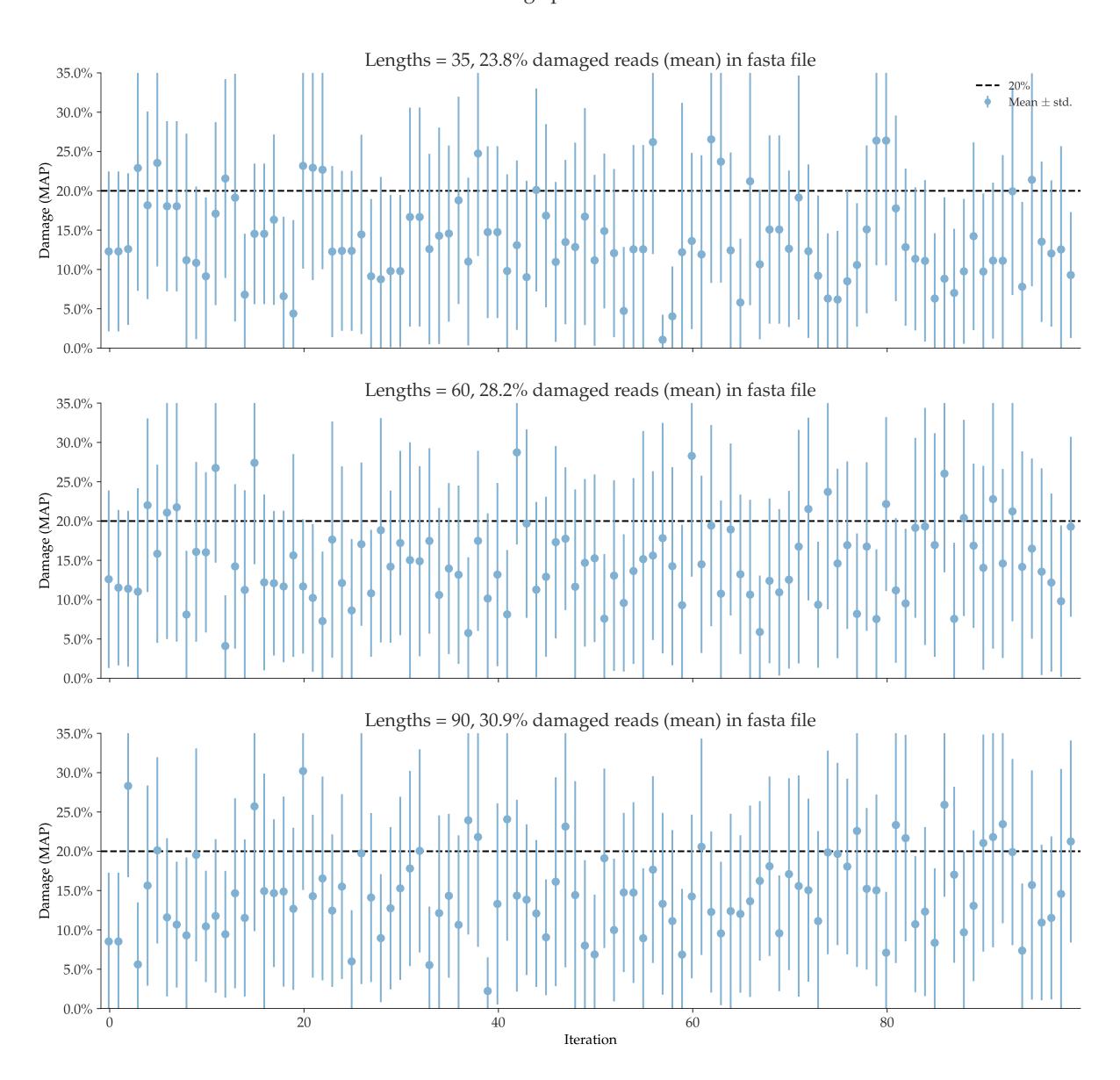
Individual damages: 10 reads Briggs damage = 0.626 Damage percent = 20%



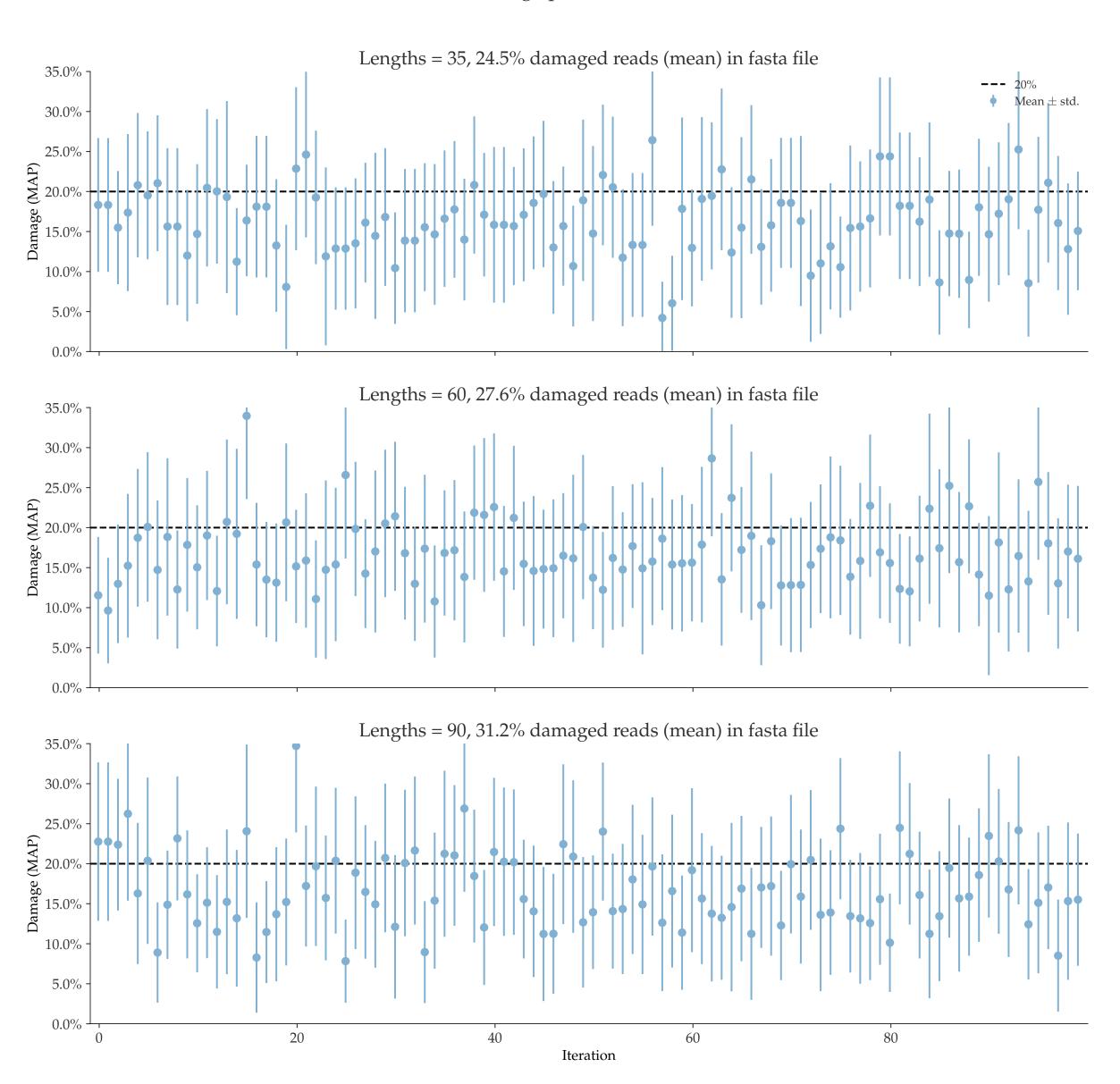
Individual damages: 25 reads Briggs damage = 0.626 Damage percent = 20%



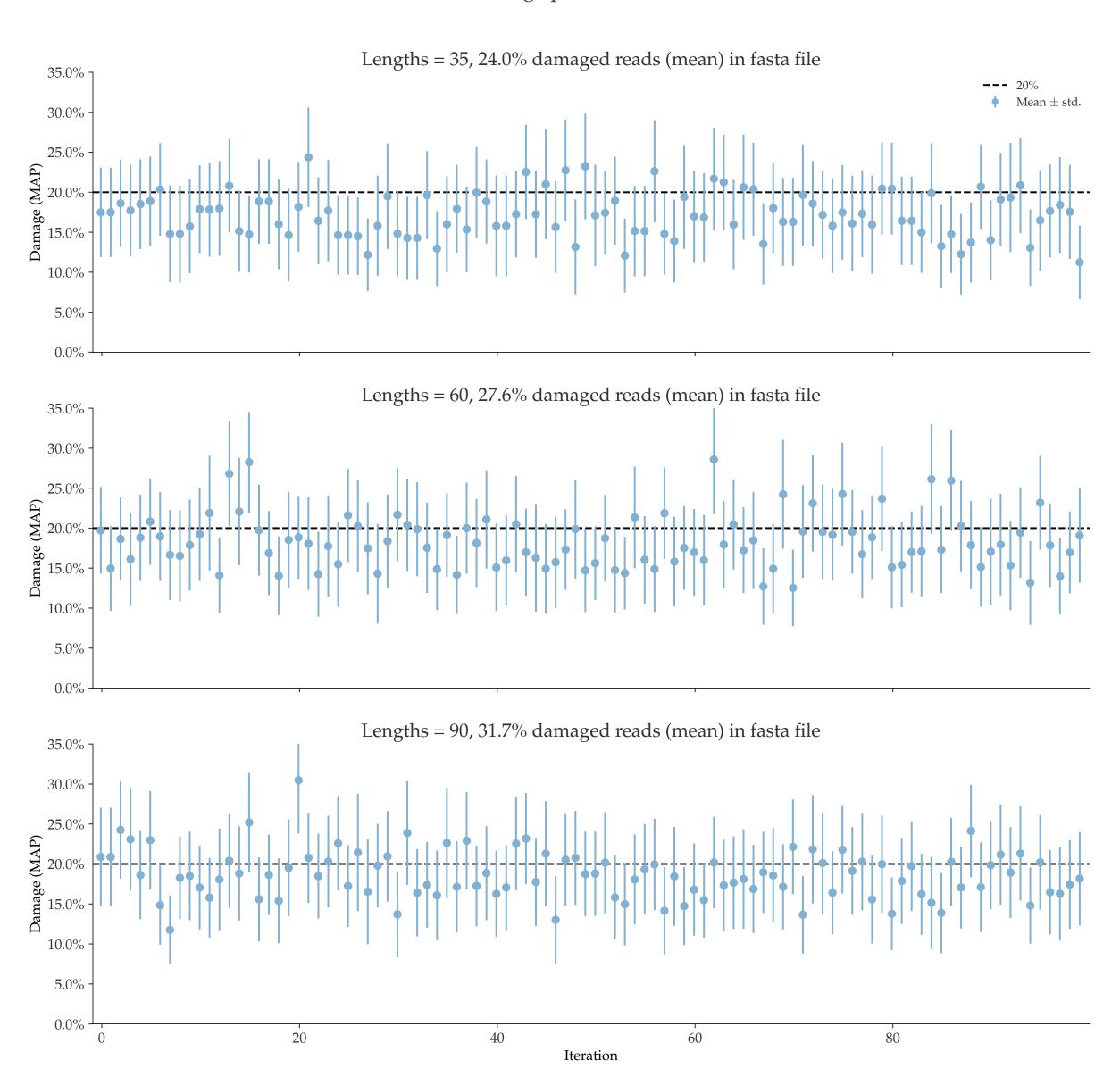
Individual damages: 50 reads Briggs damage = 0.626 Damage percent = 20%



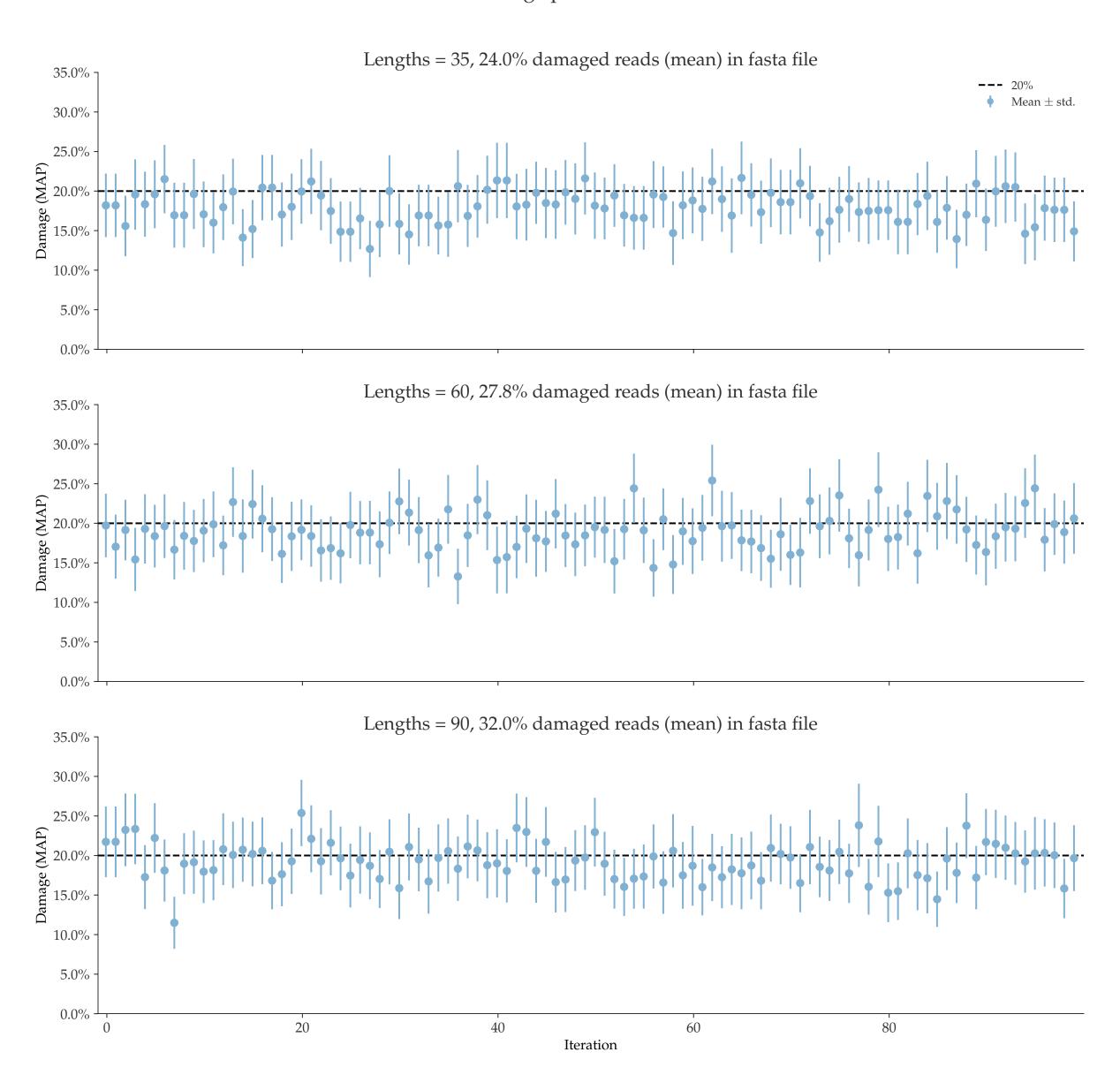
Individual damages: 100 reads Briggs damage = 0.626 Damage percent = 20%



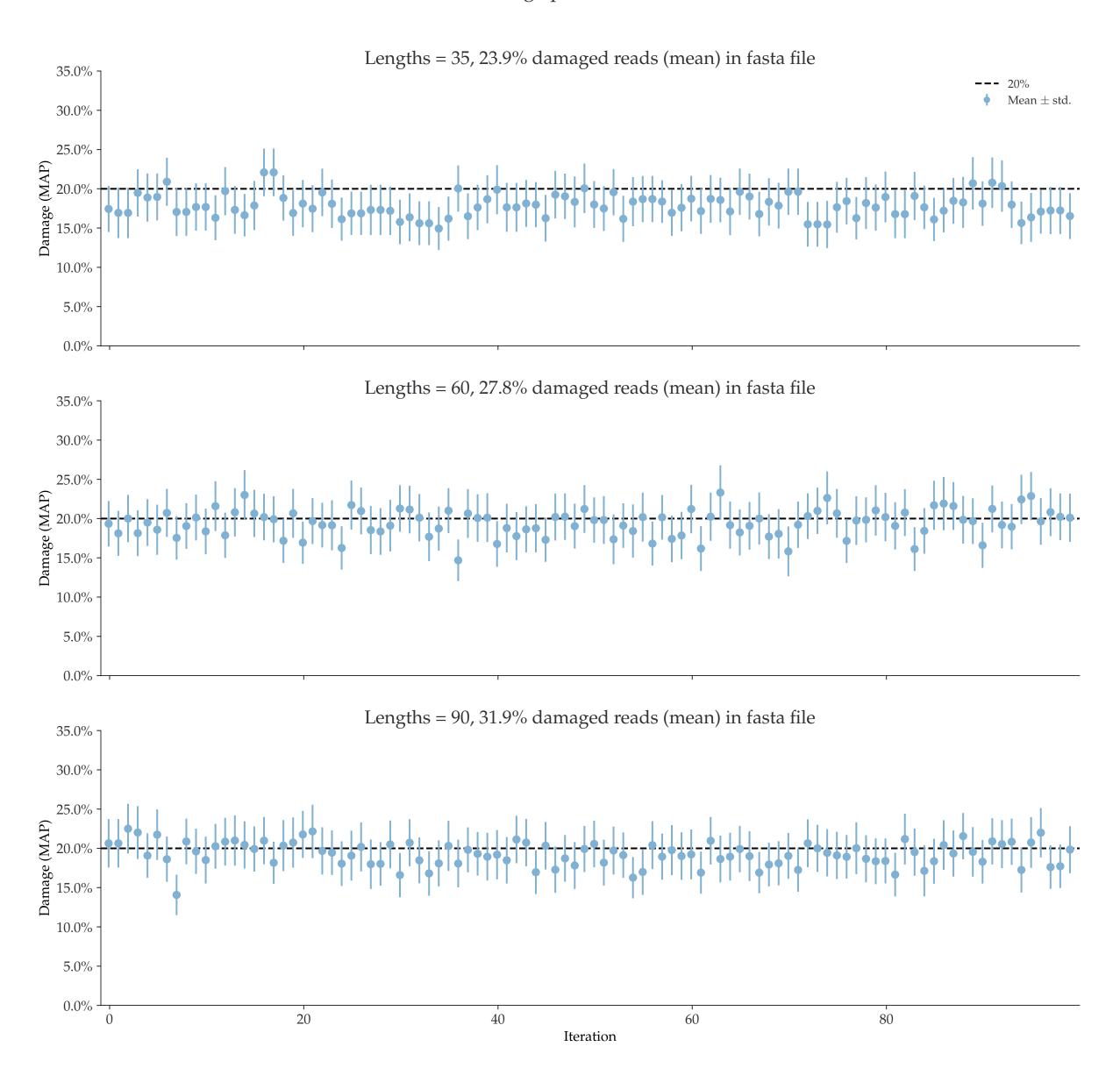
Individual damages: 250 reads Briggs damage = 0.626 Damage percent = 20%



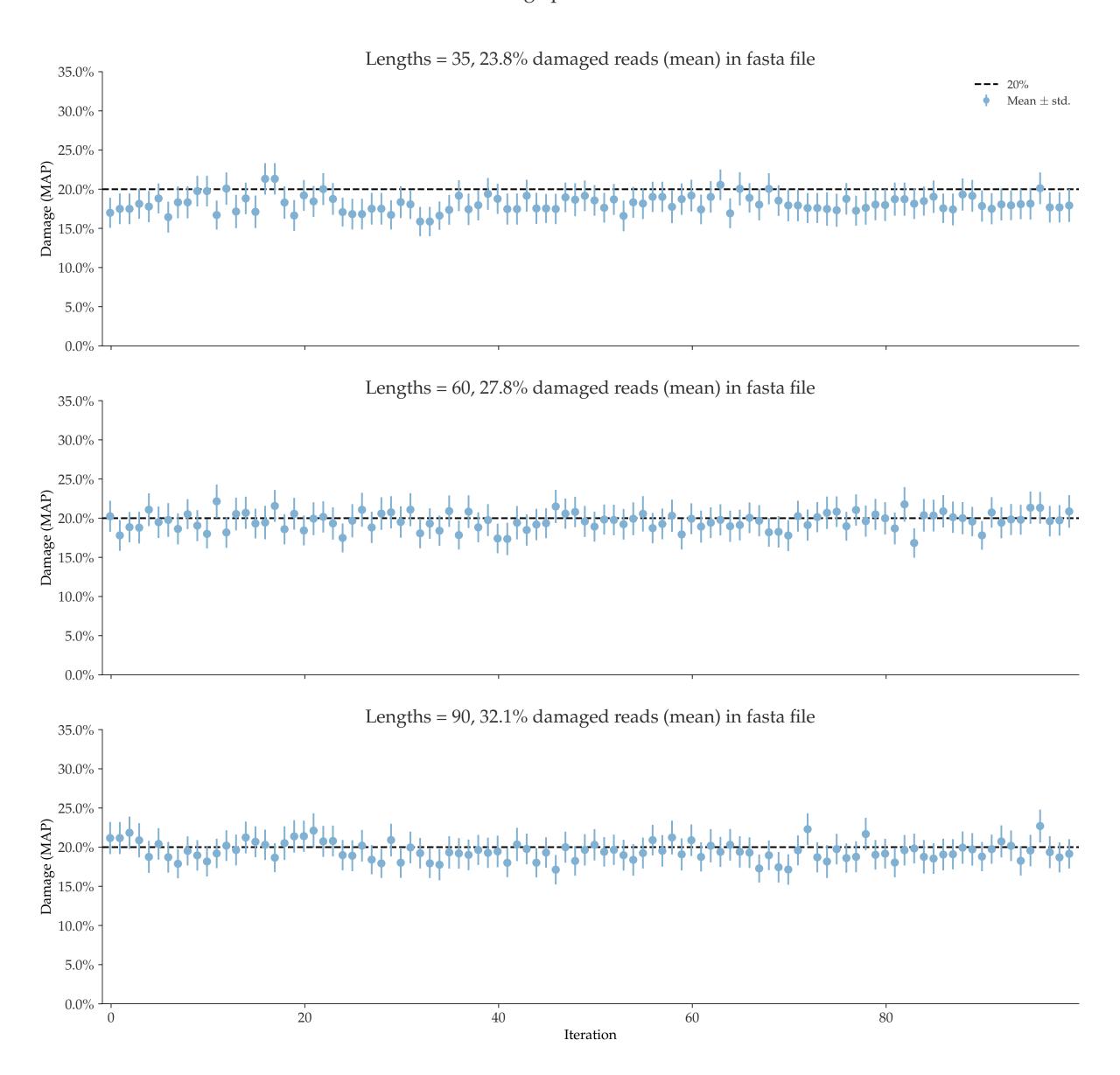
Individual damages: 500 reads Briggs damage = 0.626 Damage percent = 20%



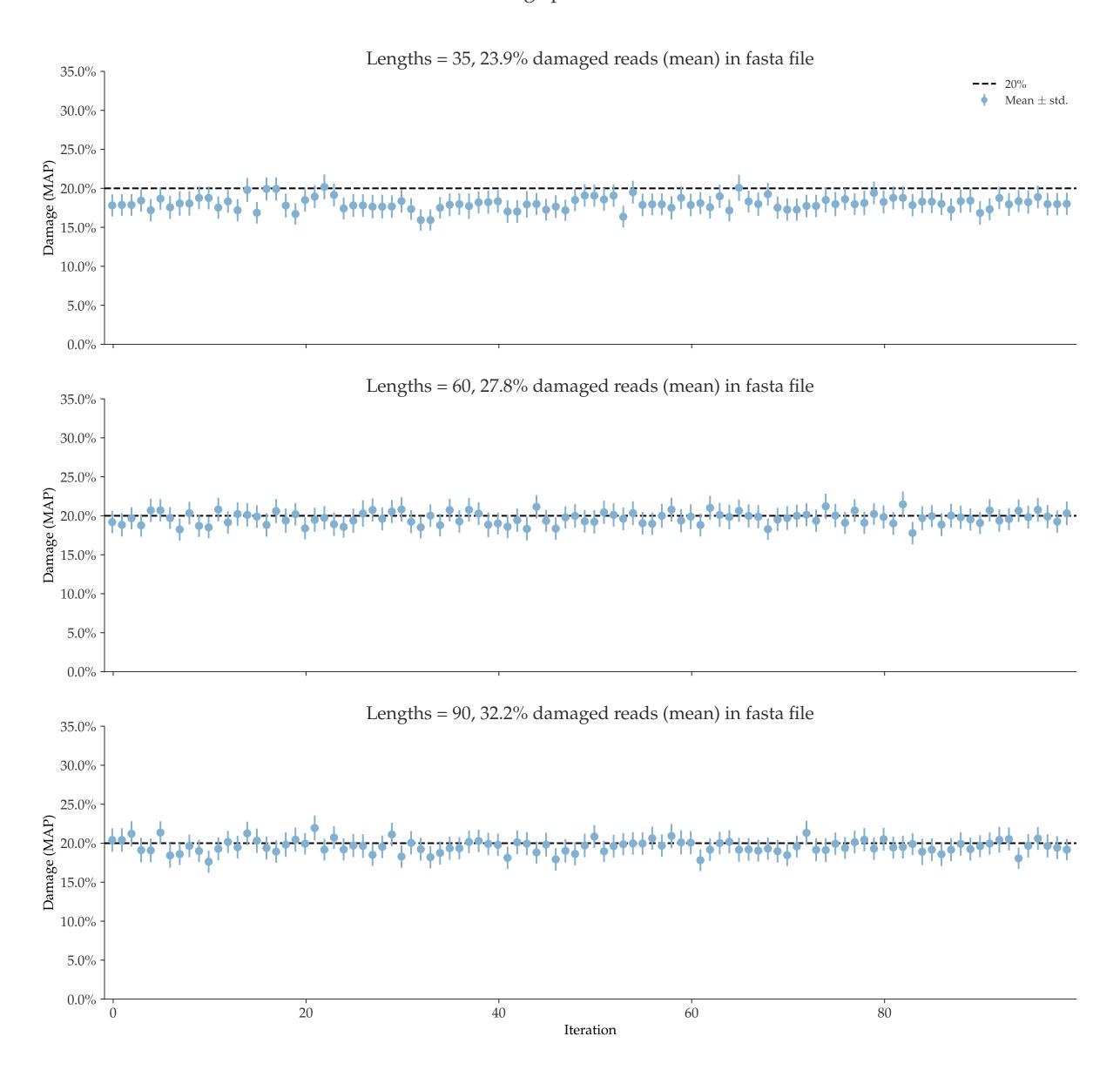
Individual damages: 1000 reads Briggs damage = 0.626 Damage percent = 20%



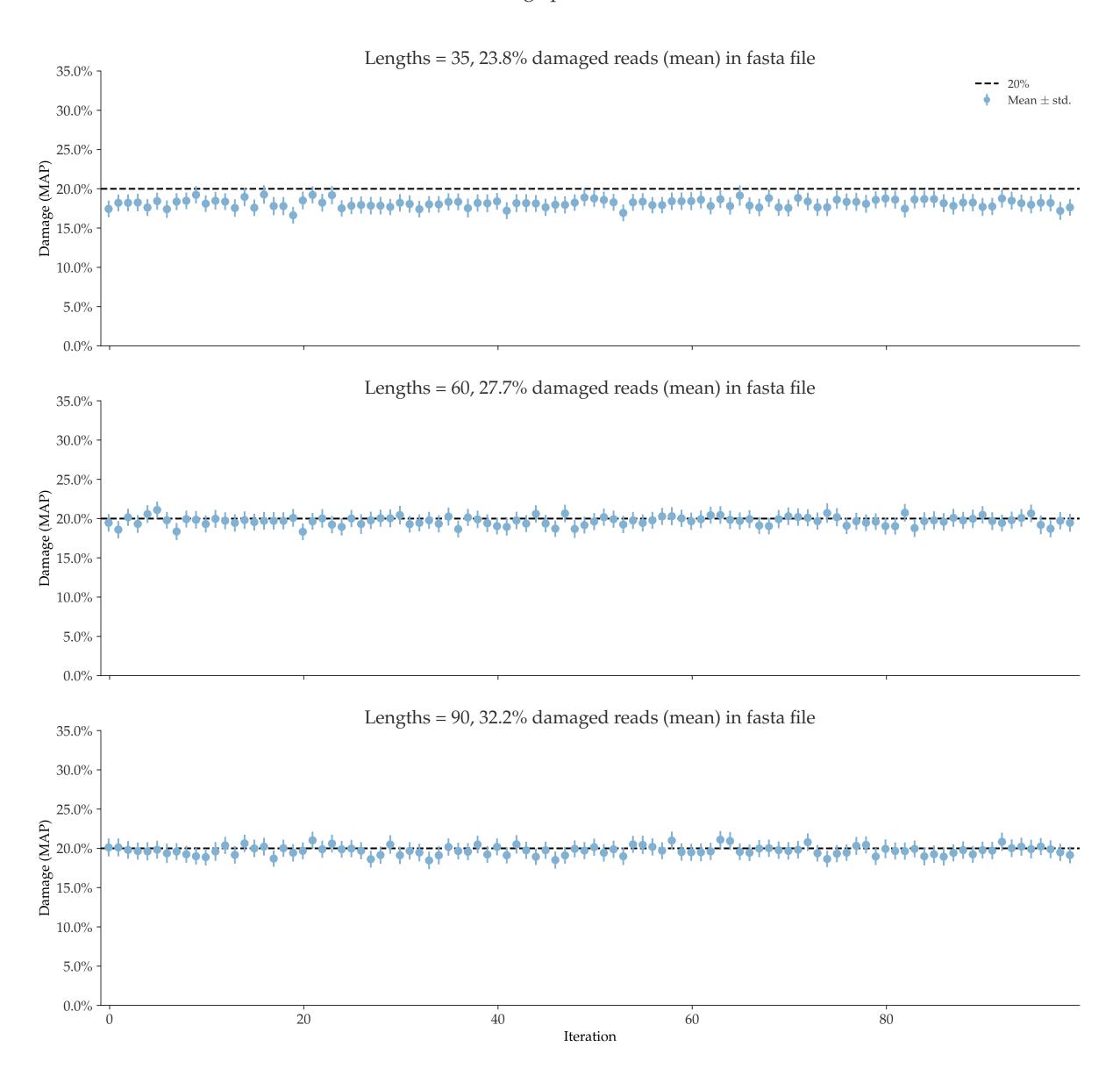
Individual damages: 2500 reads Briggs damage = 0.626 Damage percent = 20%



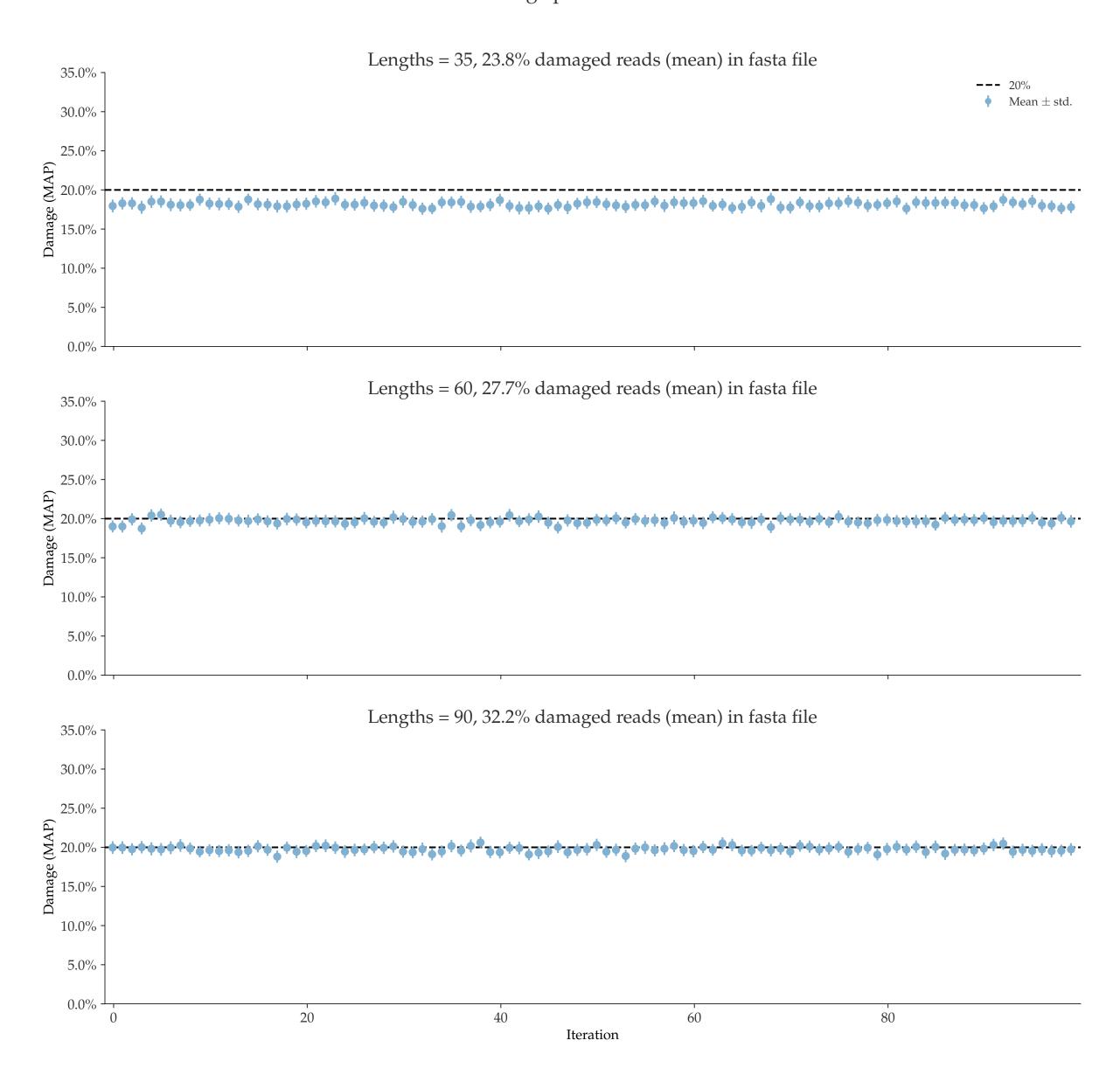
Individual damages: 5000 reads Briggs damage = 0.626 Damage percent = 20%



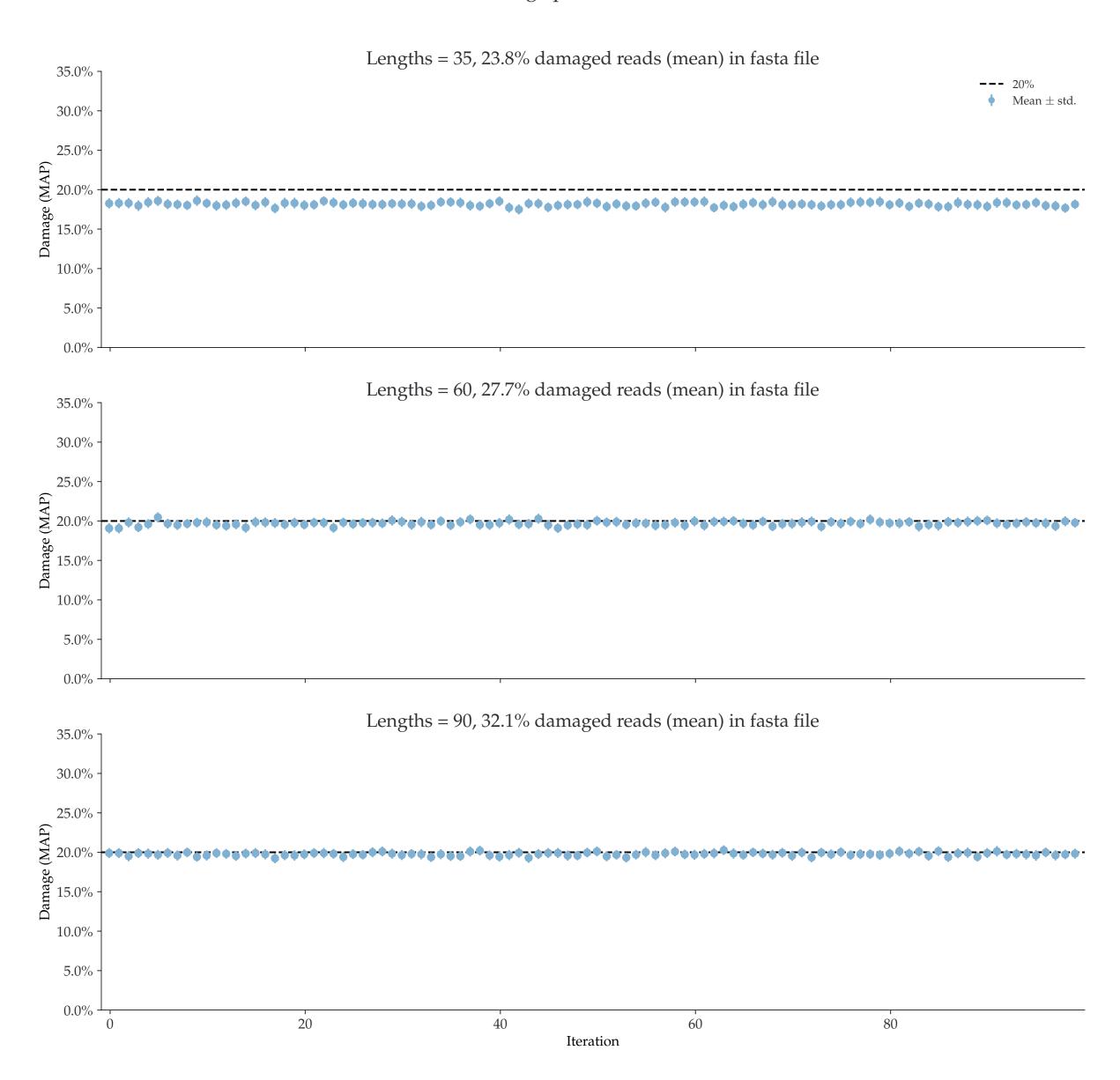
Individual damages: 10000 reads Briggs damage = 0.626 Damage percent = 20%



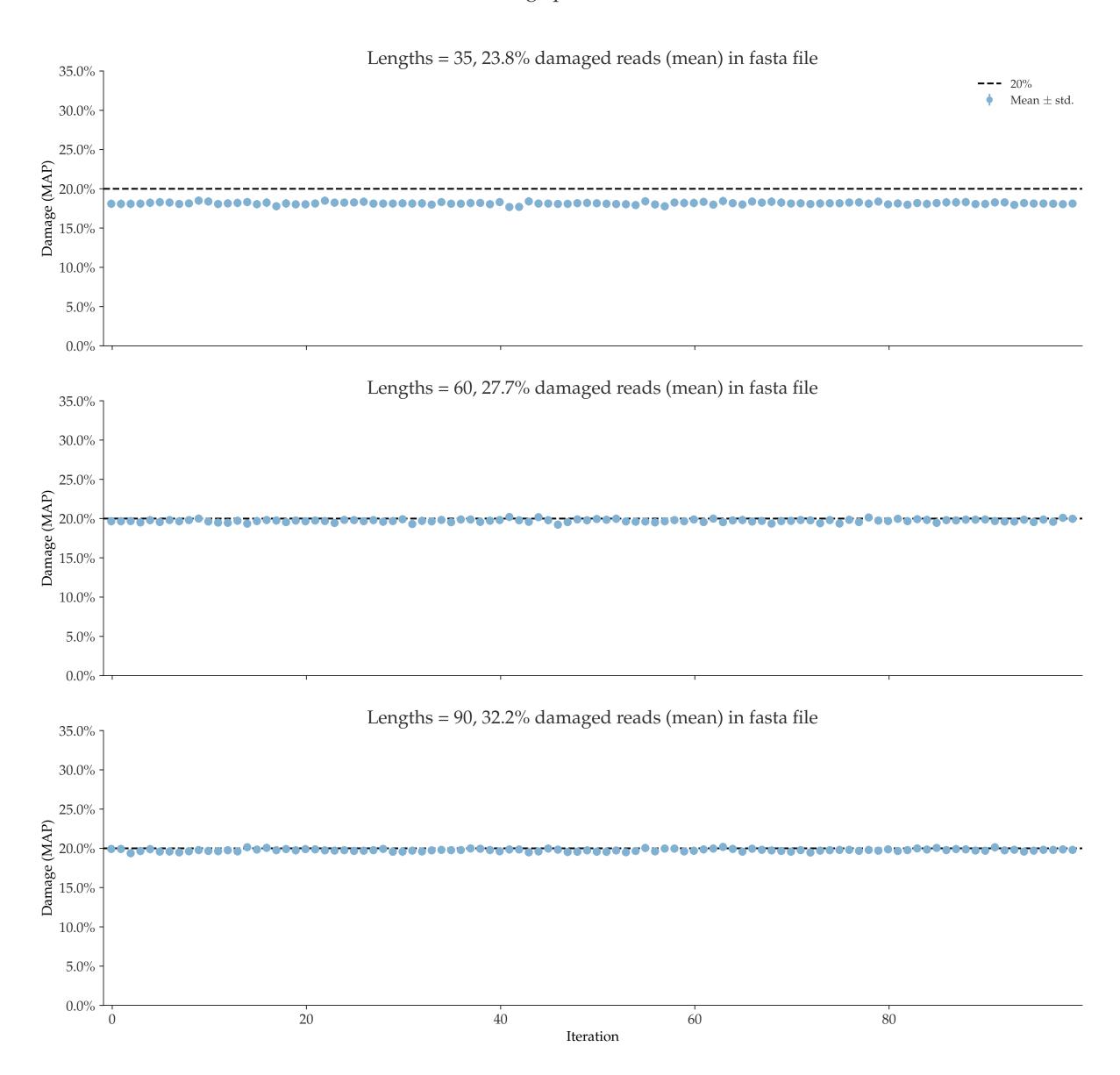
Individual damages: 25000 reads Briggs damage = 0.626 Damage percent = 20%



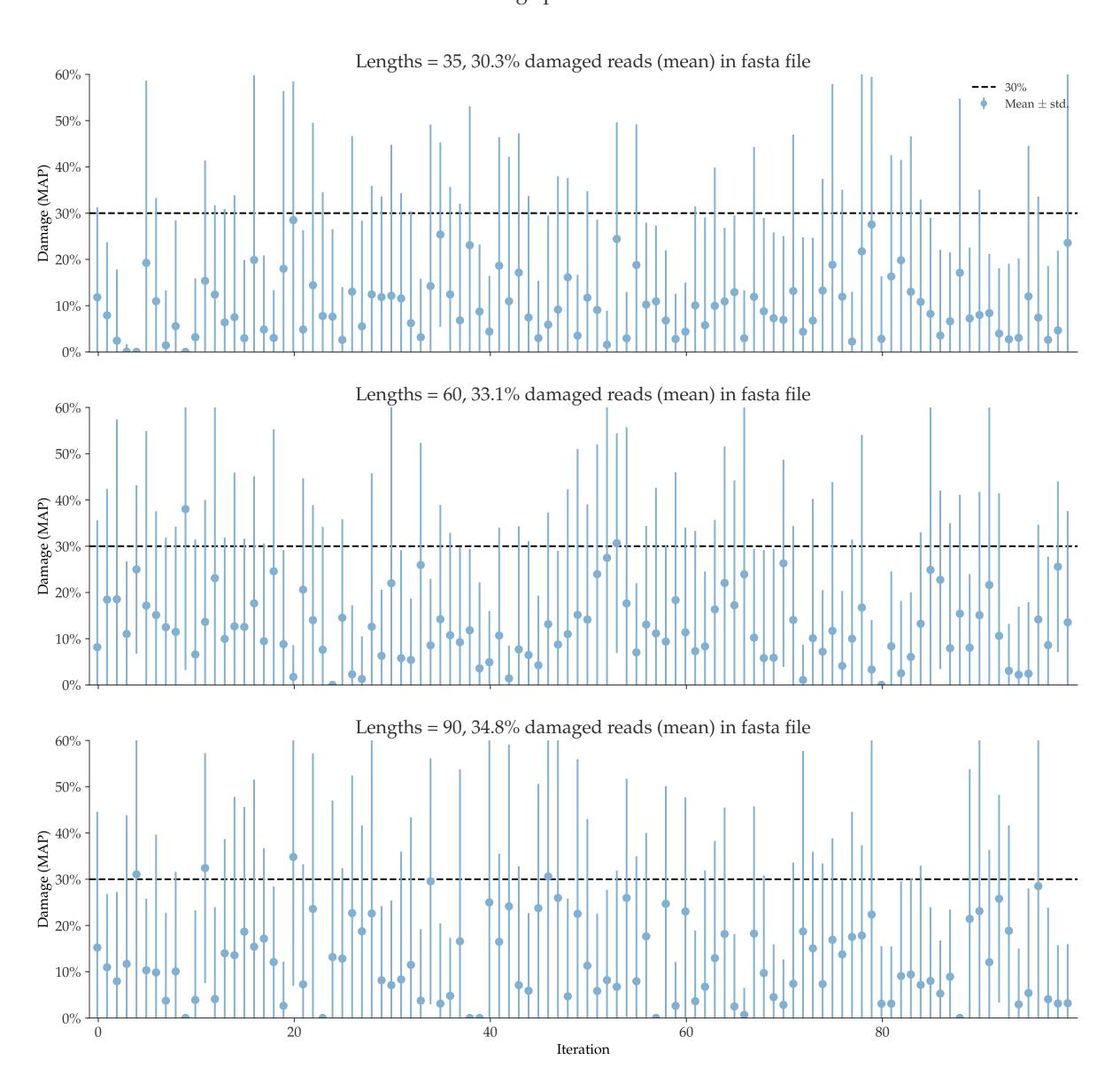
Individual damages: 50000 reads Briggs damage = 0.626 Damage percent = 20%



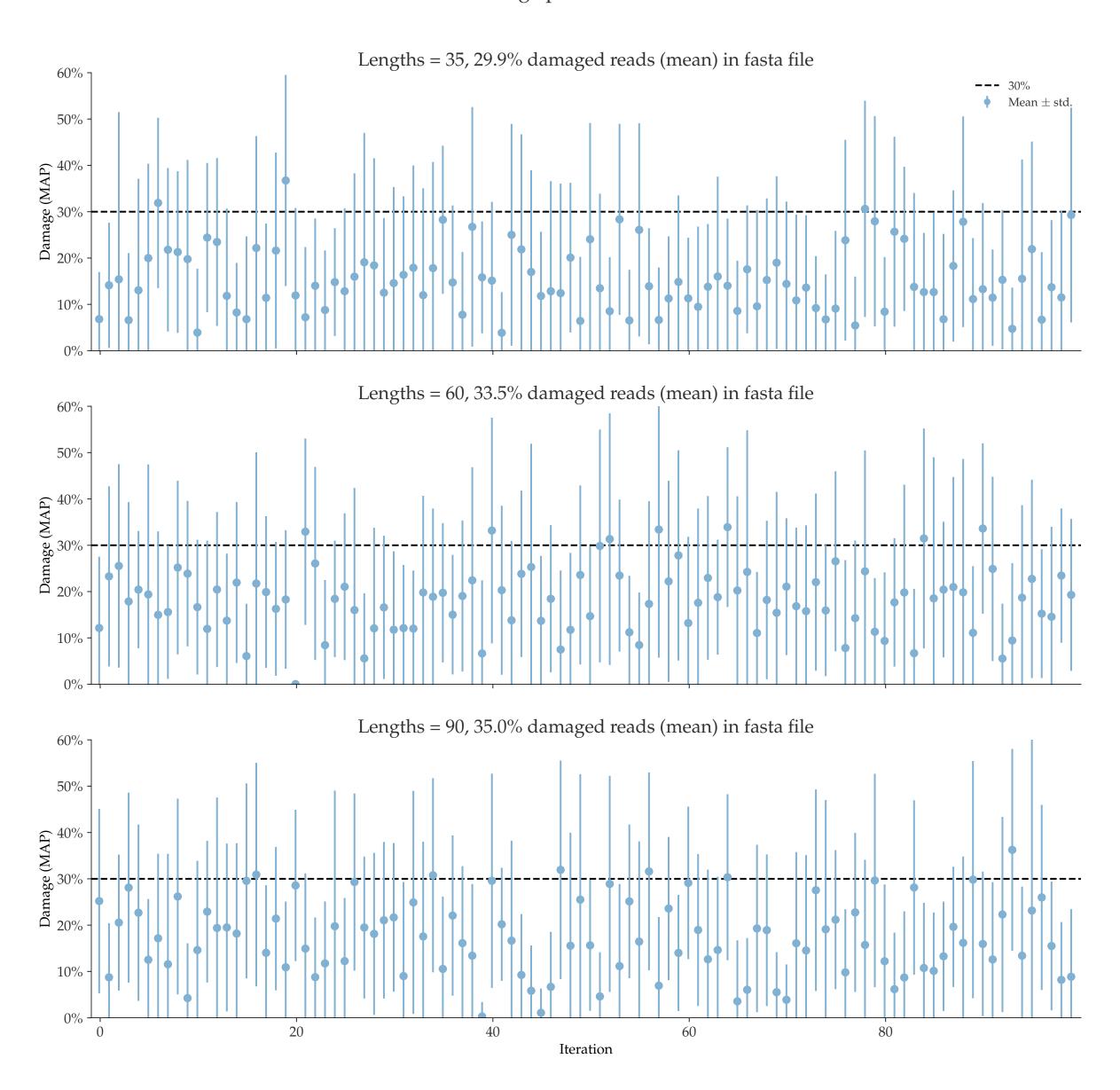
Individual damages: 100000 reads Briggs damage = 0.626 Damage percent = 20%



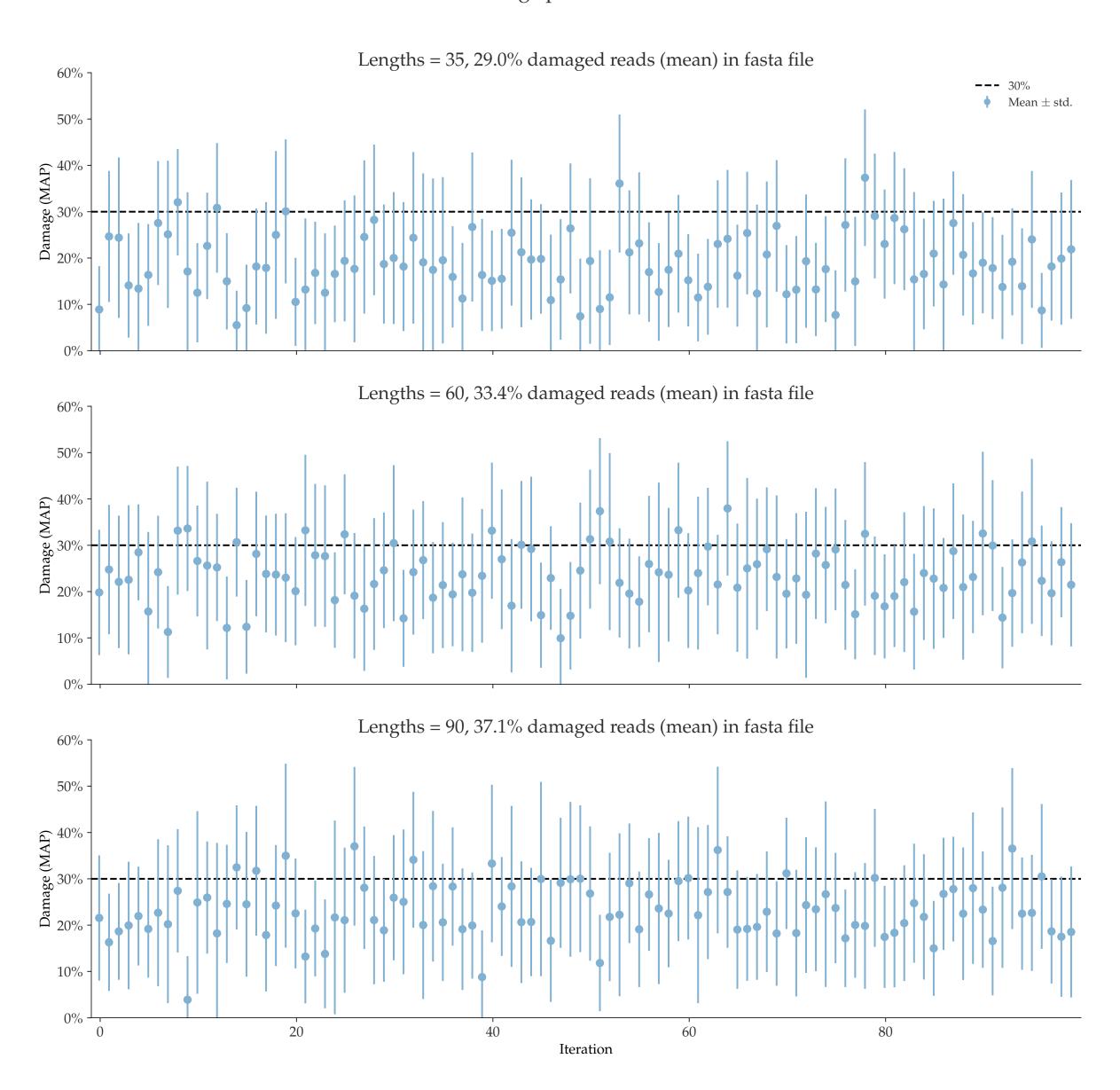
Individual damages: 10 reads Briggs damage = 0.96 Damage percent = 30%



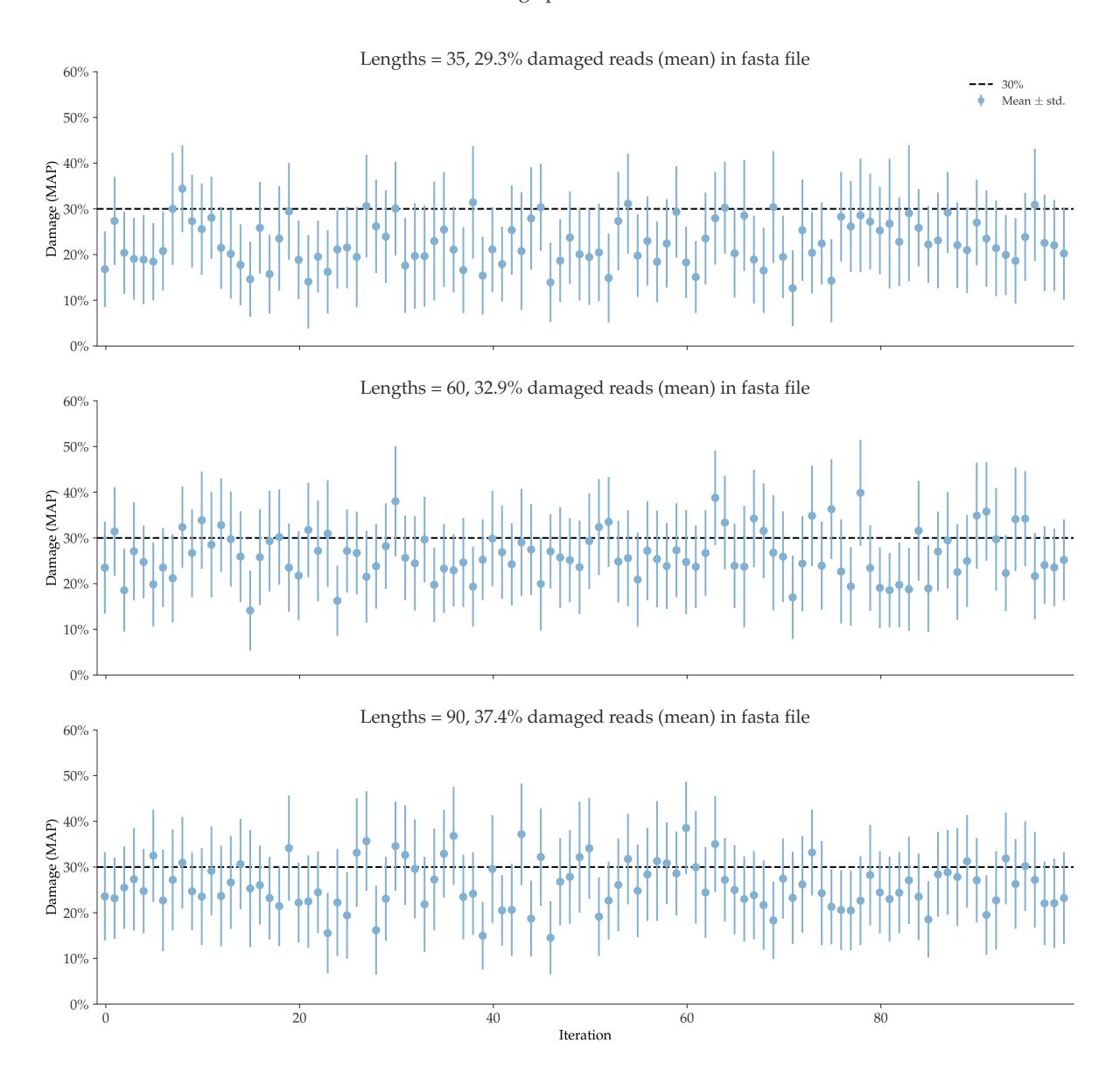
Individual damages: 25 reads Briggs damage = 0.96 Damage percent = 30%



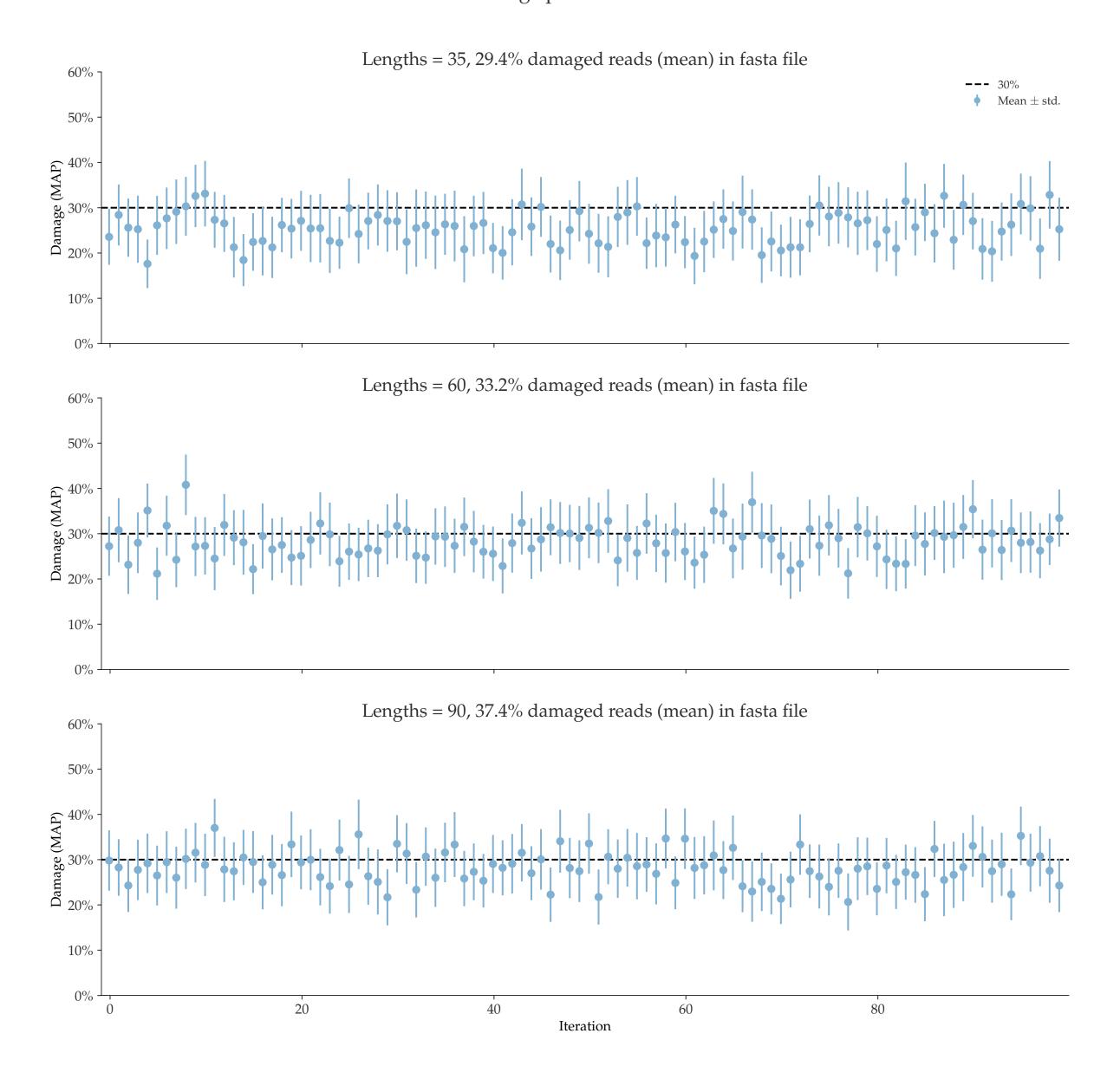
Individual damages: 50 reads Briggs damage = 0.96 Damage percent = 30%



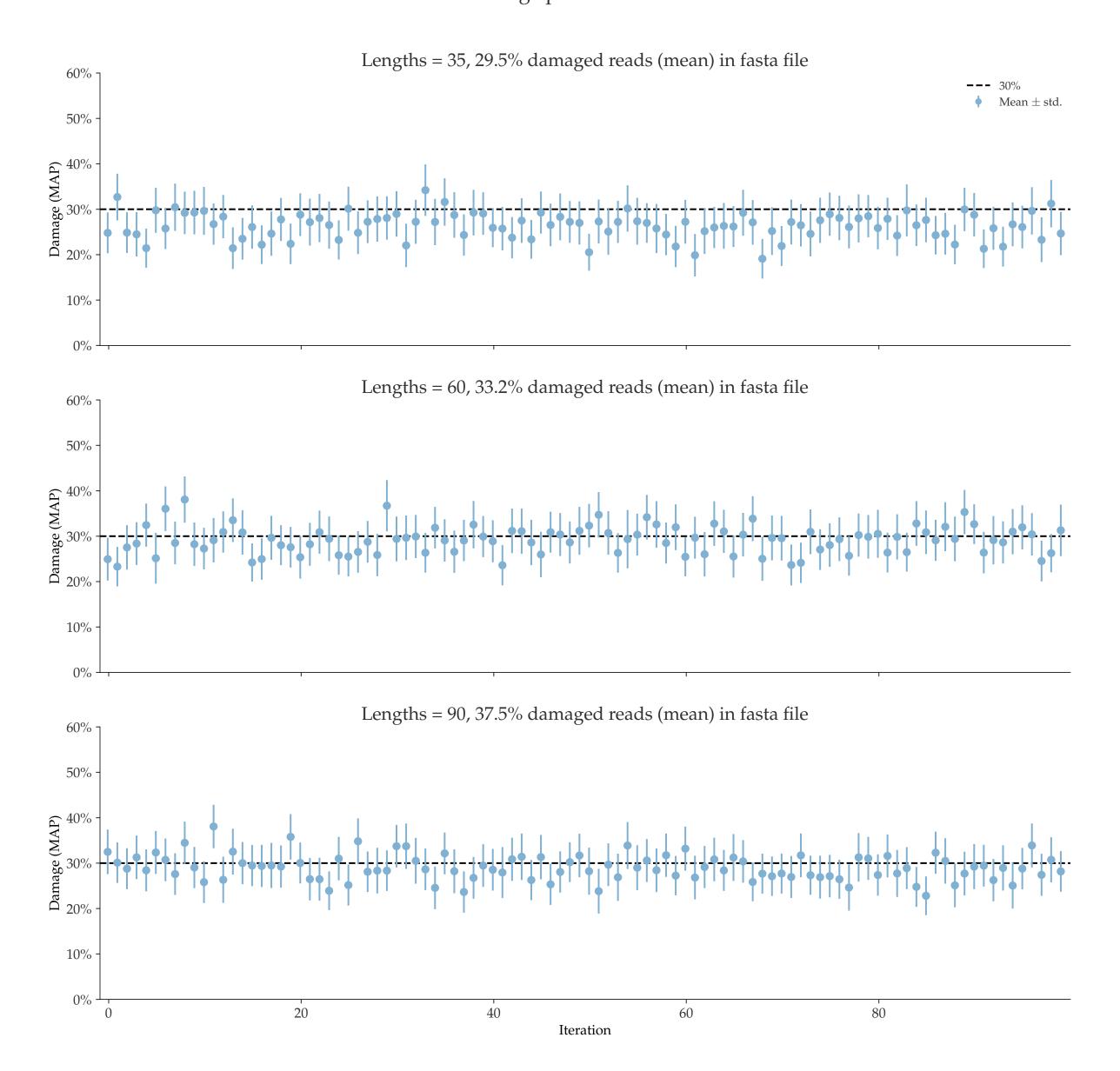
Individual damages: 100 reads Briggs damage = 0.96 Damage percent = 30%



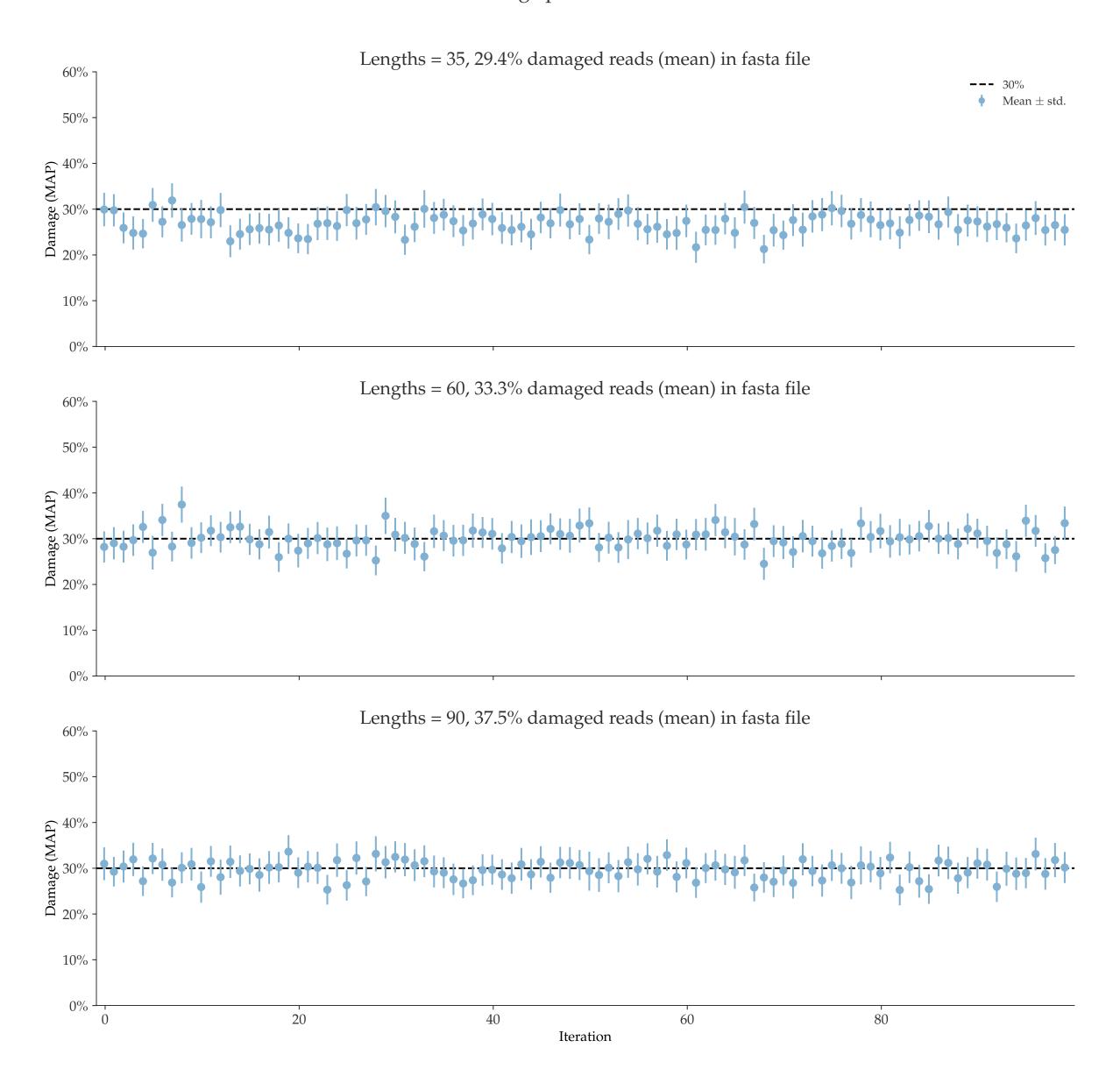
Individual damages: 250 reads Briggs damage = 0.96 Damage percent = 30%



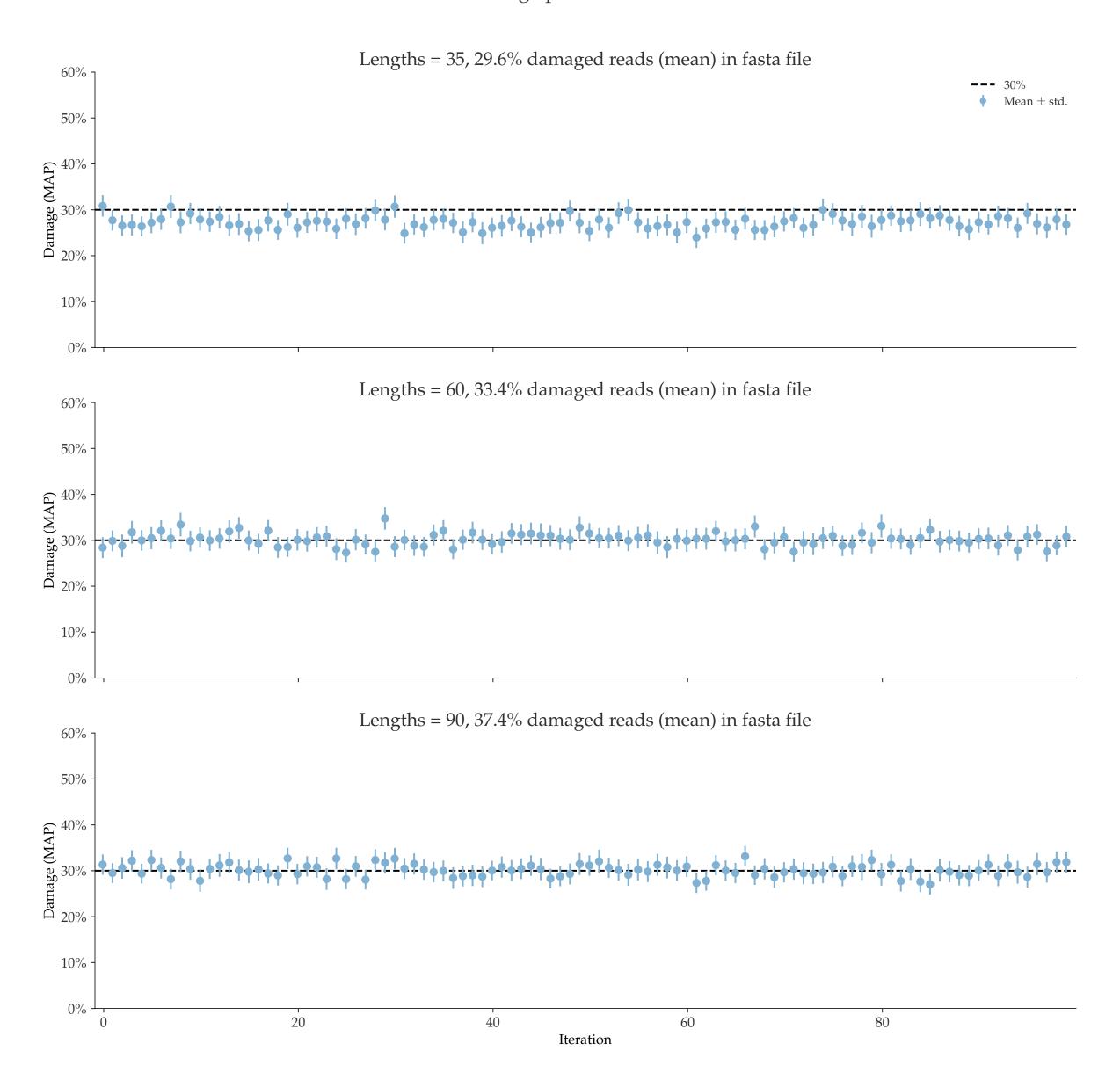
Individual damages: 500 reads Briggs damage = 0.96 Damage percent = 30%



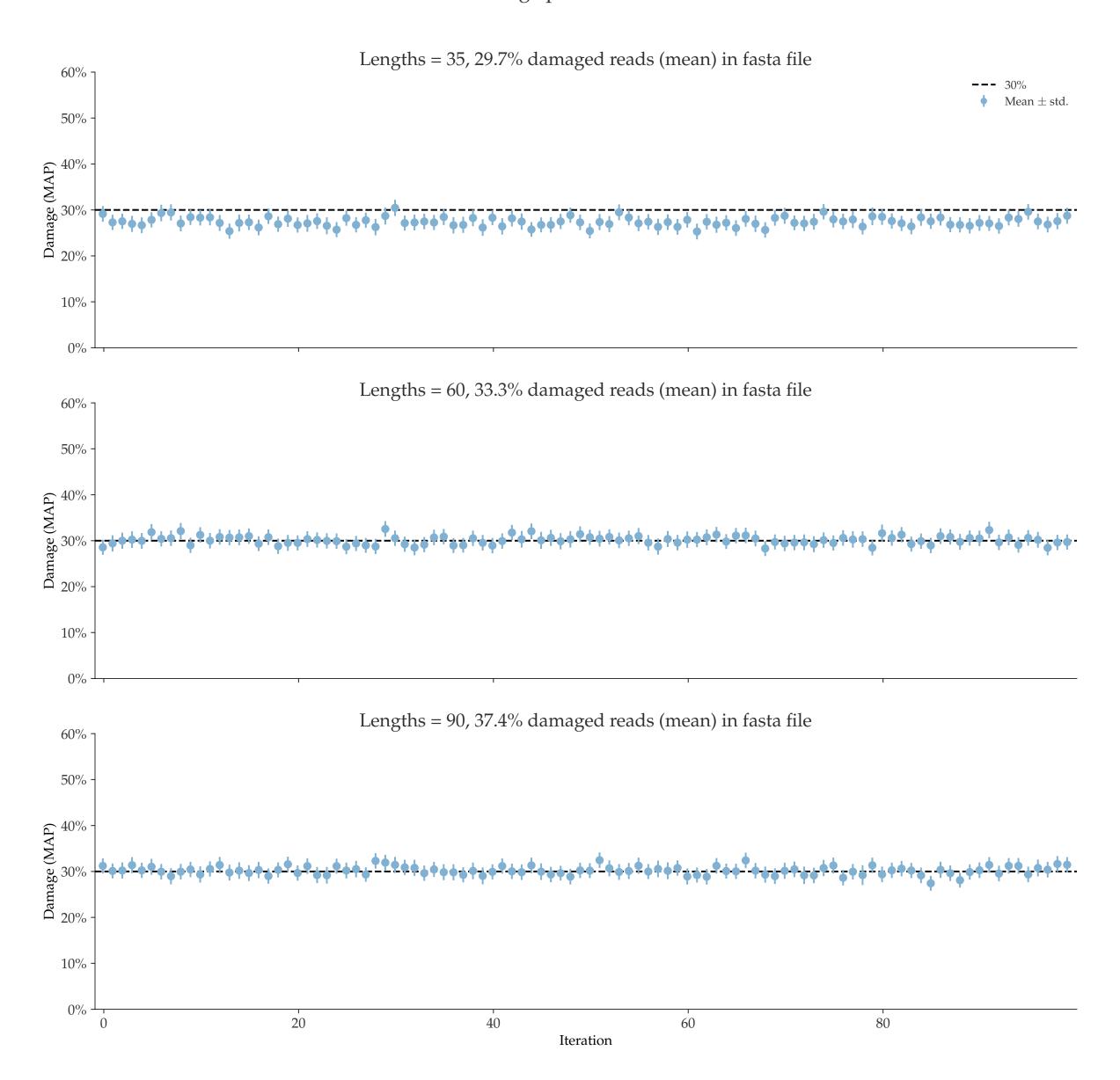
Individual damages: 1000 reads Briggs damage = 0.96 Damage percent = 30%



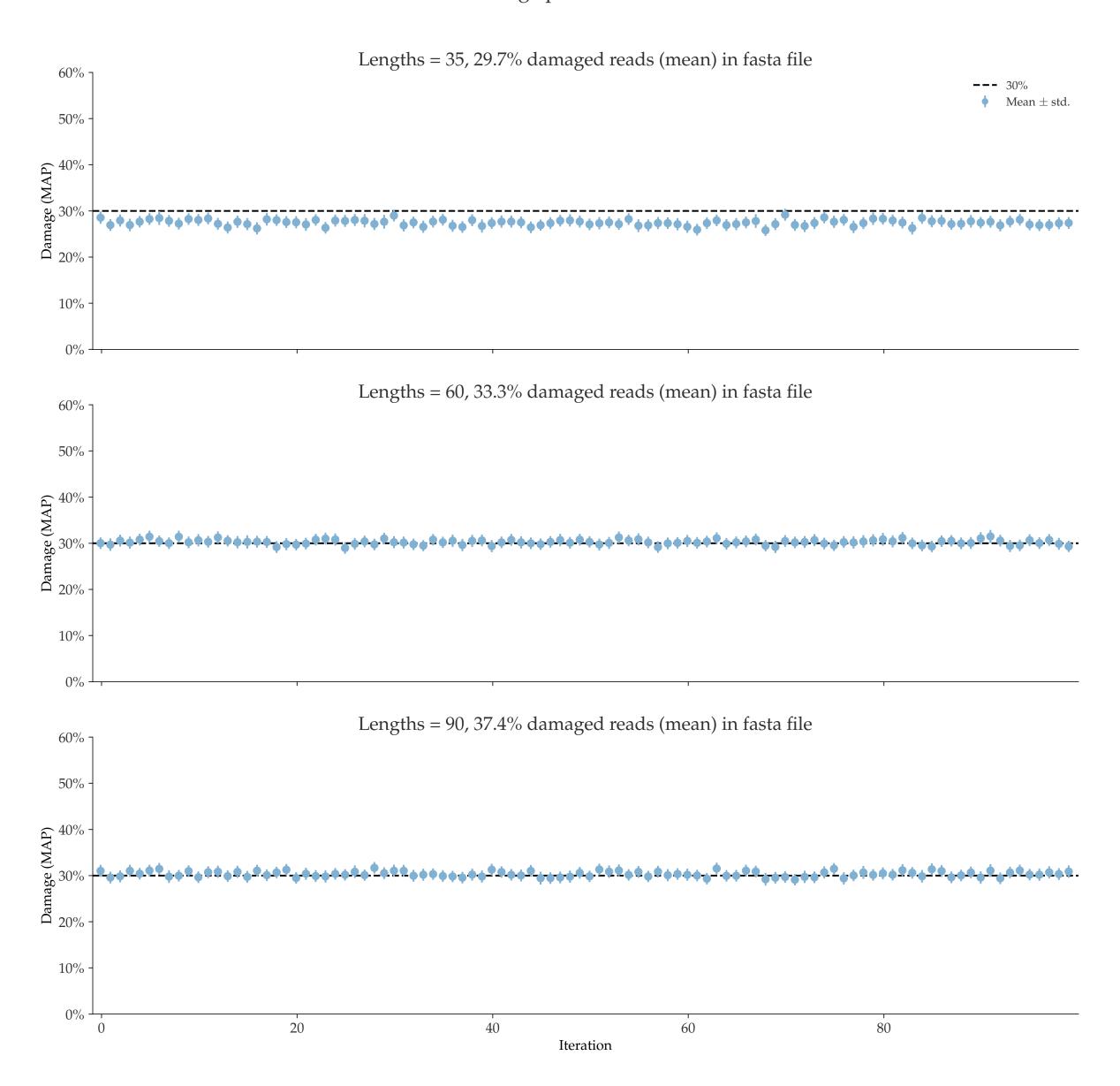
Individual damages: 2500 reads Briggs damage = 0.96 Damage percent = 30%



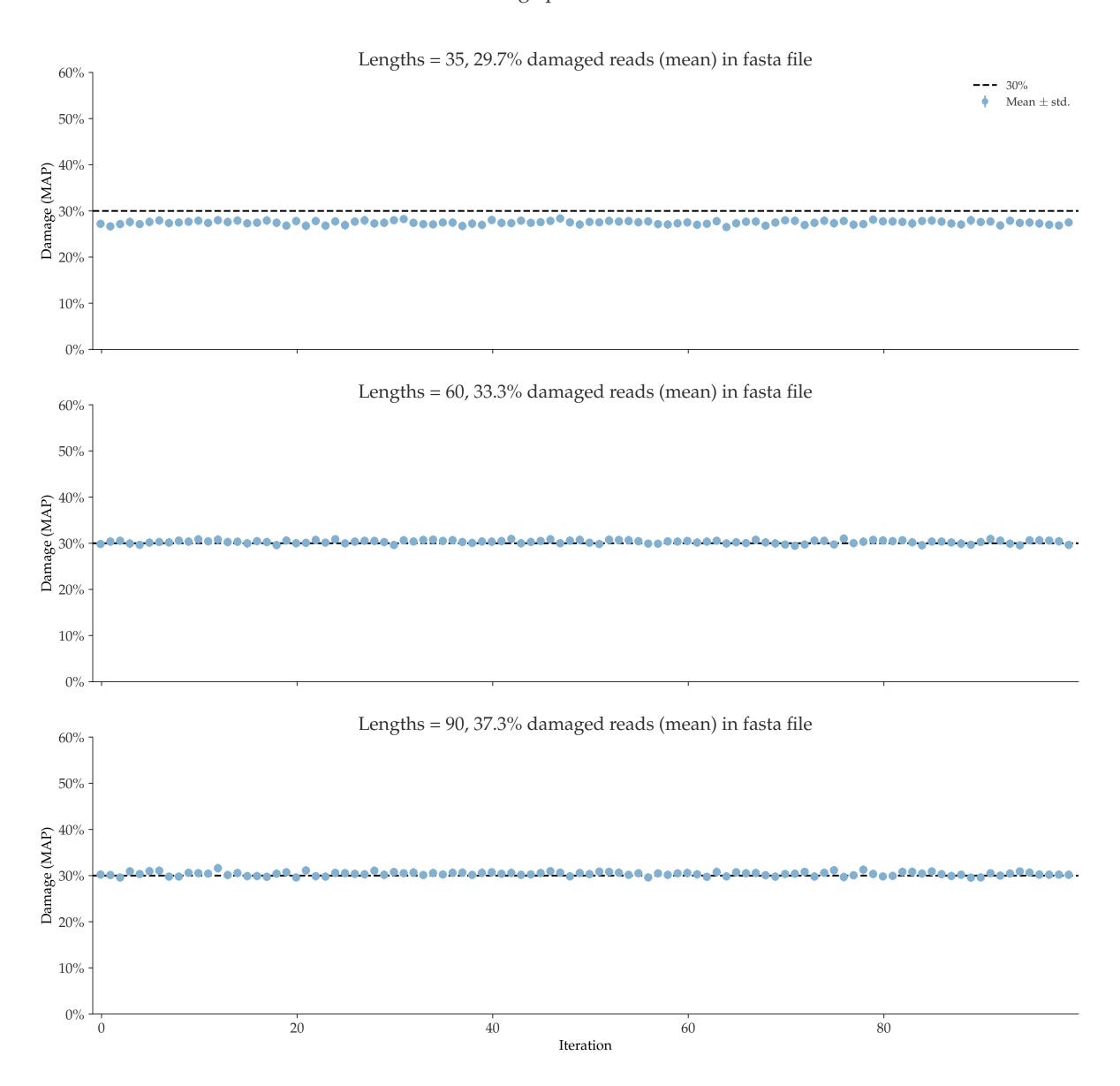
Individual damages: 5000 reads Briggs damage = 0.96 Damage percent = 30%



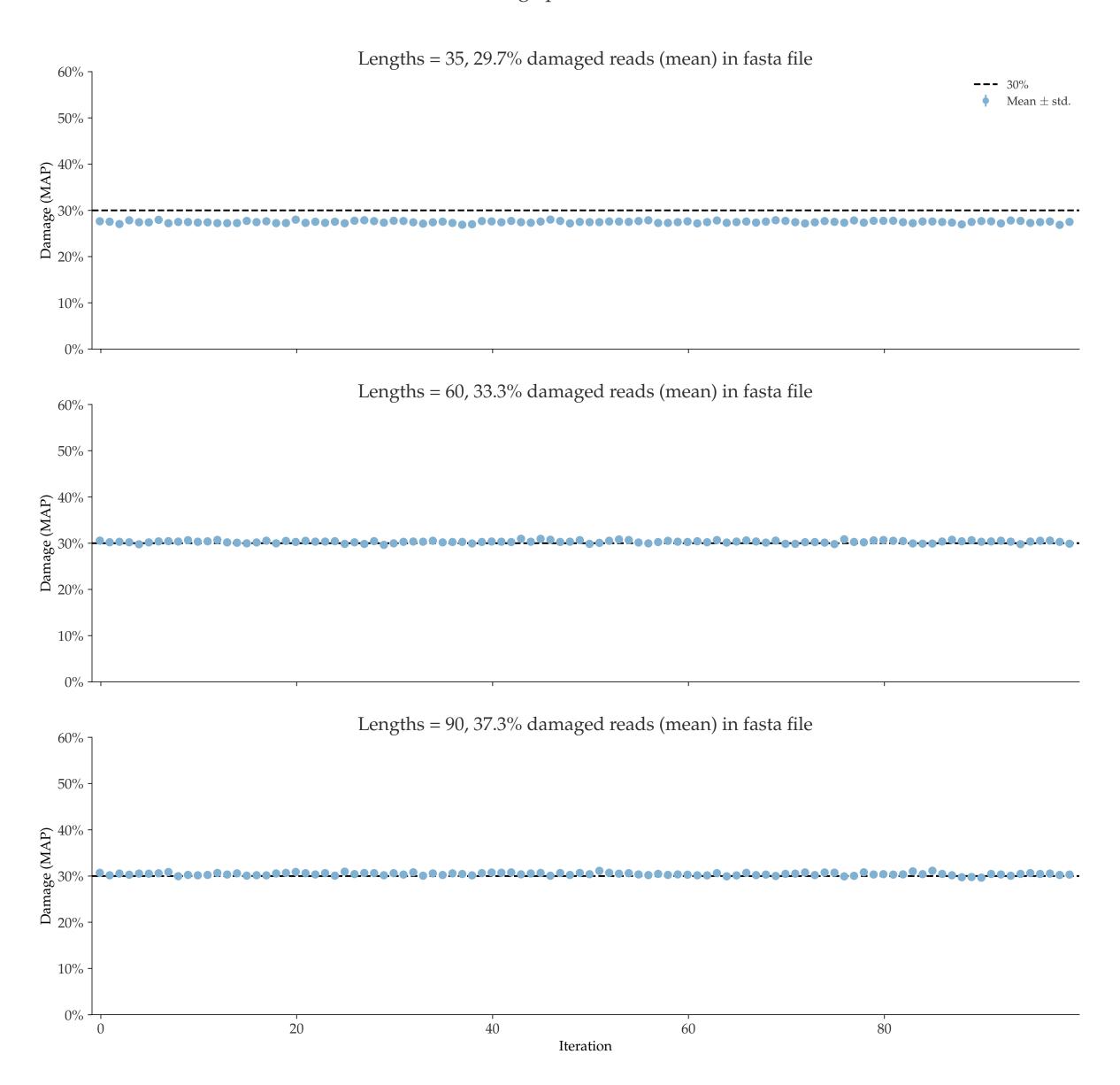
Individual damages: 10000 reads Briggs damage = 0.96 Damage percent = 30%



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



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



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

