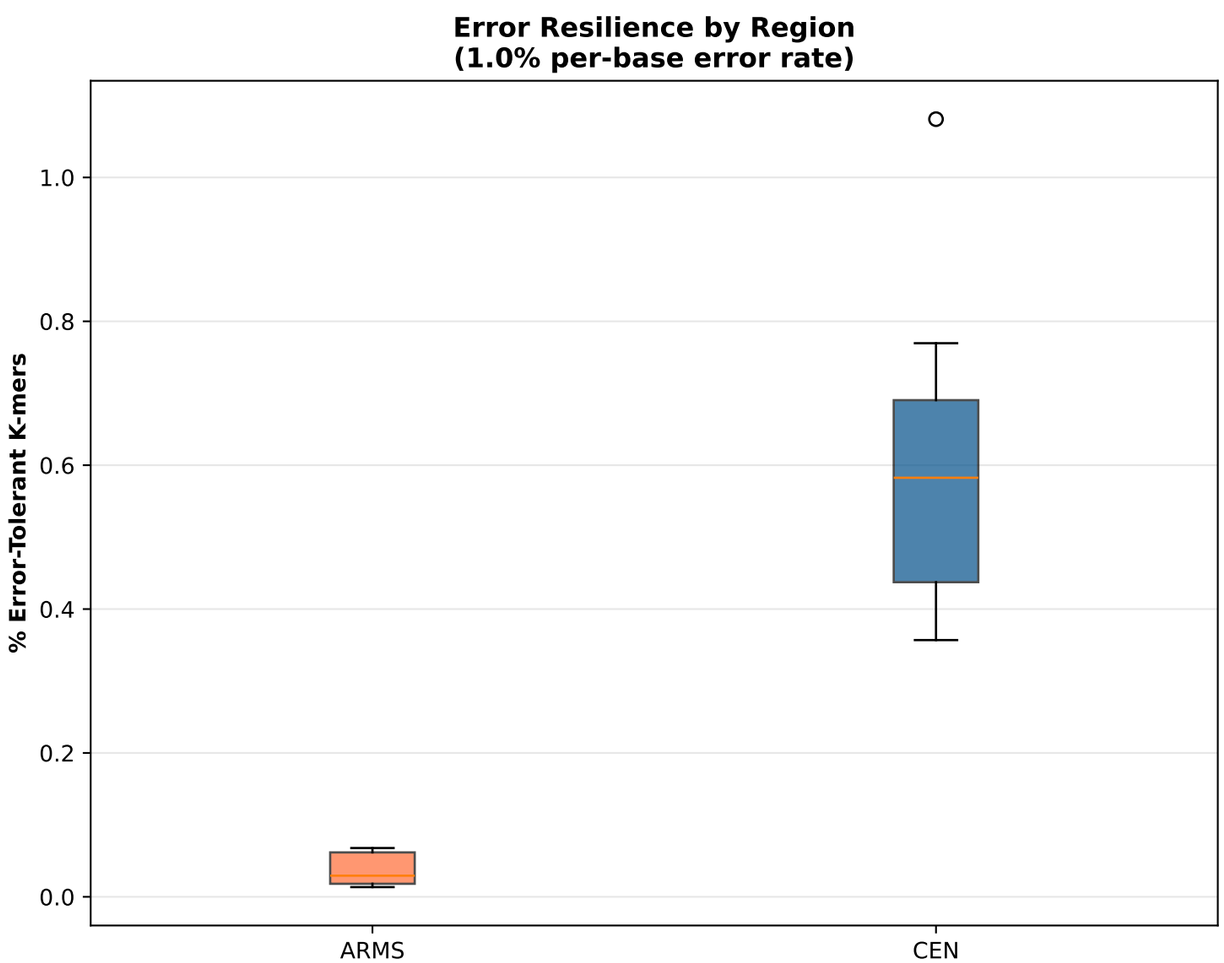
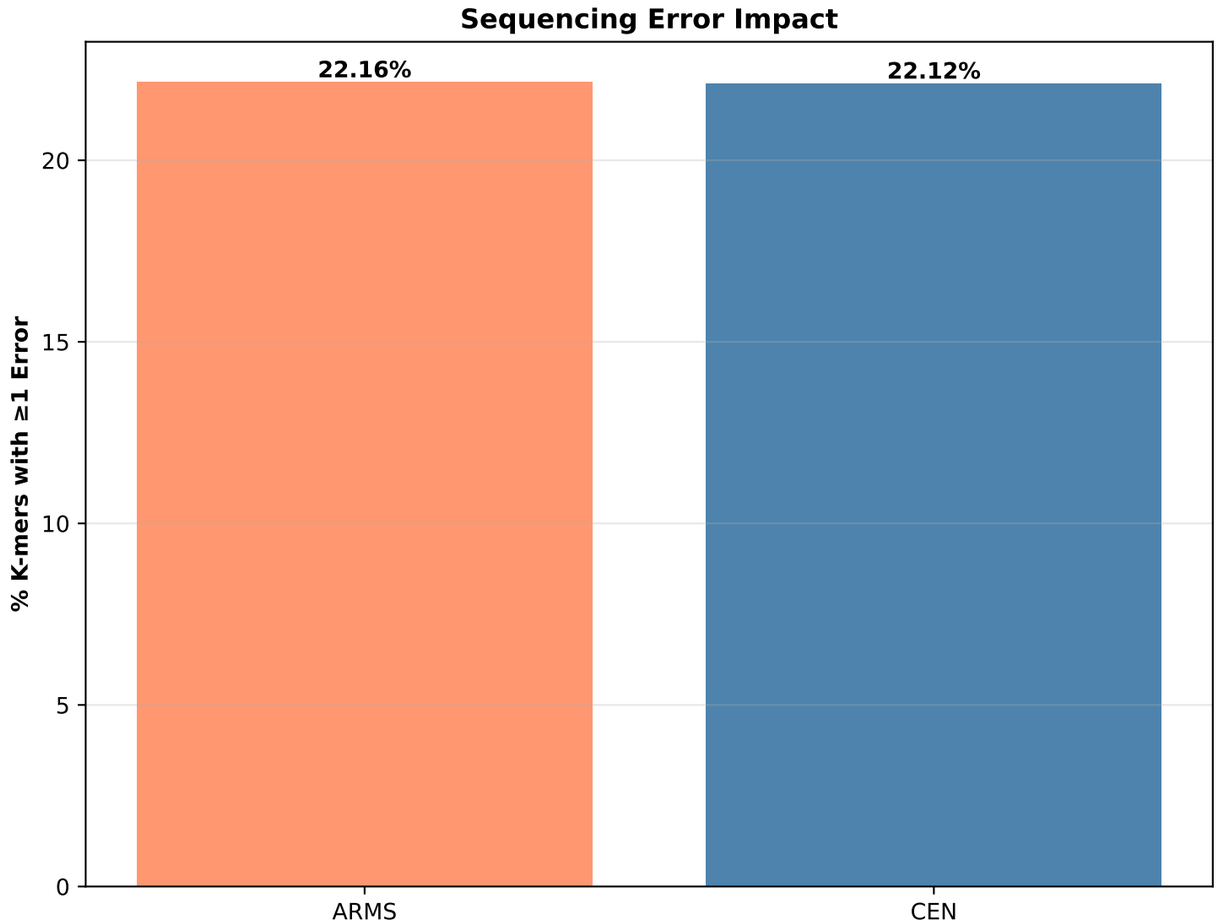
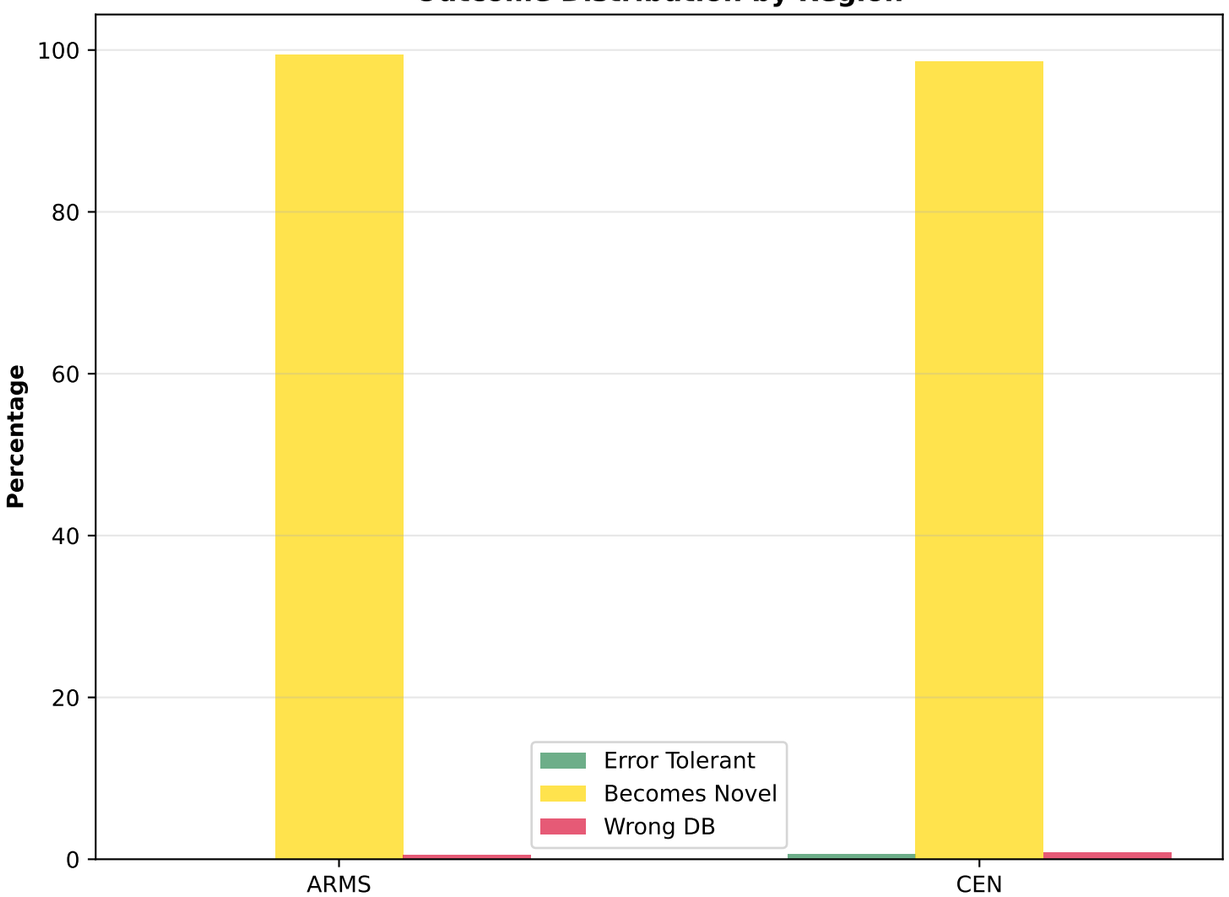
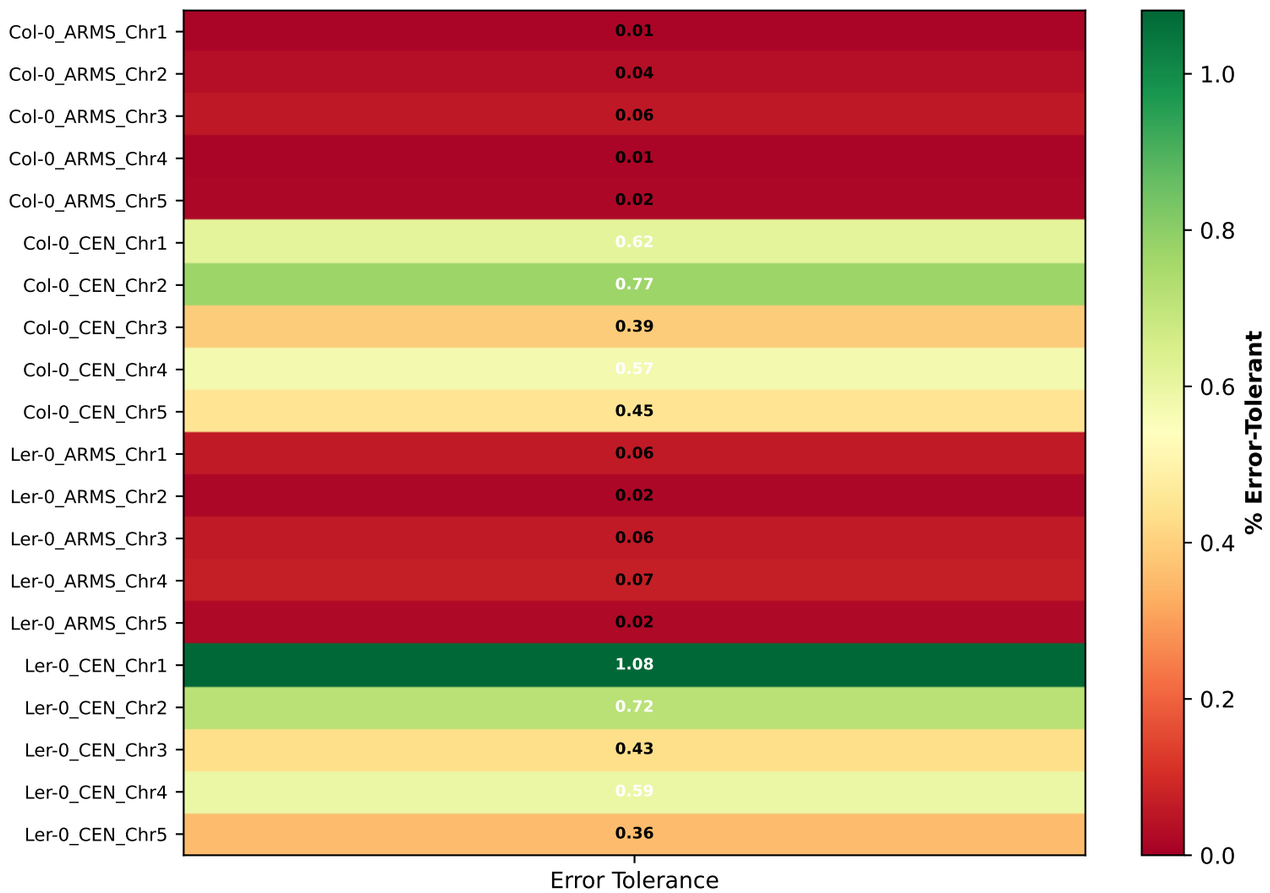

Error Resilience by Region
(1.0% per-base error rate)
% Error-Tolerant K-mers
0.0
0.2
0.4
0.6
0.8
1.0
ARMS
CEN


Sequencing Error Impact
% K-mers with ≥1 Error
0
5
10
15
20
22.16%
22.12%
ARMS
CEN


Outcome Distribution by Region
Percentage
0
20
40
60
80
100
Error Tolerant
Becomes Novel
Wrong DB
ARMS
CEN


Per-Database Error Tolerance
Col-0_ARMS_Chr1 0.01
Col-0_ARMS_Chr2 0.04
Col-0_ARMS_Chr3 0.06
Col-0_ARMS_Chr4 0.01
Col-0_ARMS_Chr5 0.02
Col-0_CEN_Chr1 0.62
Col-0_CEN_Chr2 0.77
Col-0_CEN_Chr3 0.39
Col-0_CEN_Chr4 0.57
Col-0_CEN_Chr5 0.45
Ler-0_ARMS_Chr1 0.06
Ler-0_ARMS_Chr2 0.02
Ler-0_ARMS_Chr3 0.06
Ler-0_ARMS_Chr4 0.07
Ler-0_ARMS_Chr5 0.02
Ler-0_CEN_Chr1 1.08
Ler-0_CEN_Chr2 0.72
Ler-0_CEN_Chr3 0.43
Ler-0_CEN_Chr4 0.59
Ler-0_CEN_Chr5 0.36
Error Tolerance
% Error-Tolerant
0.0
0.2
0.4
0.6
0.8
1.0