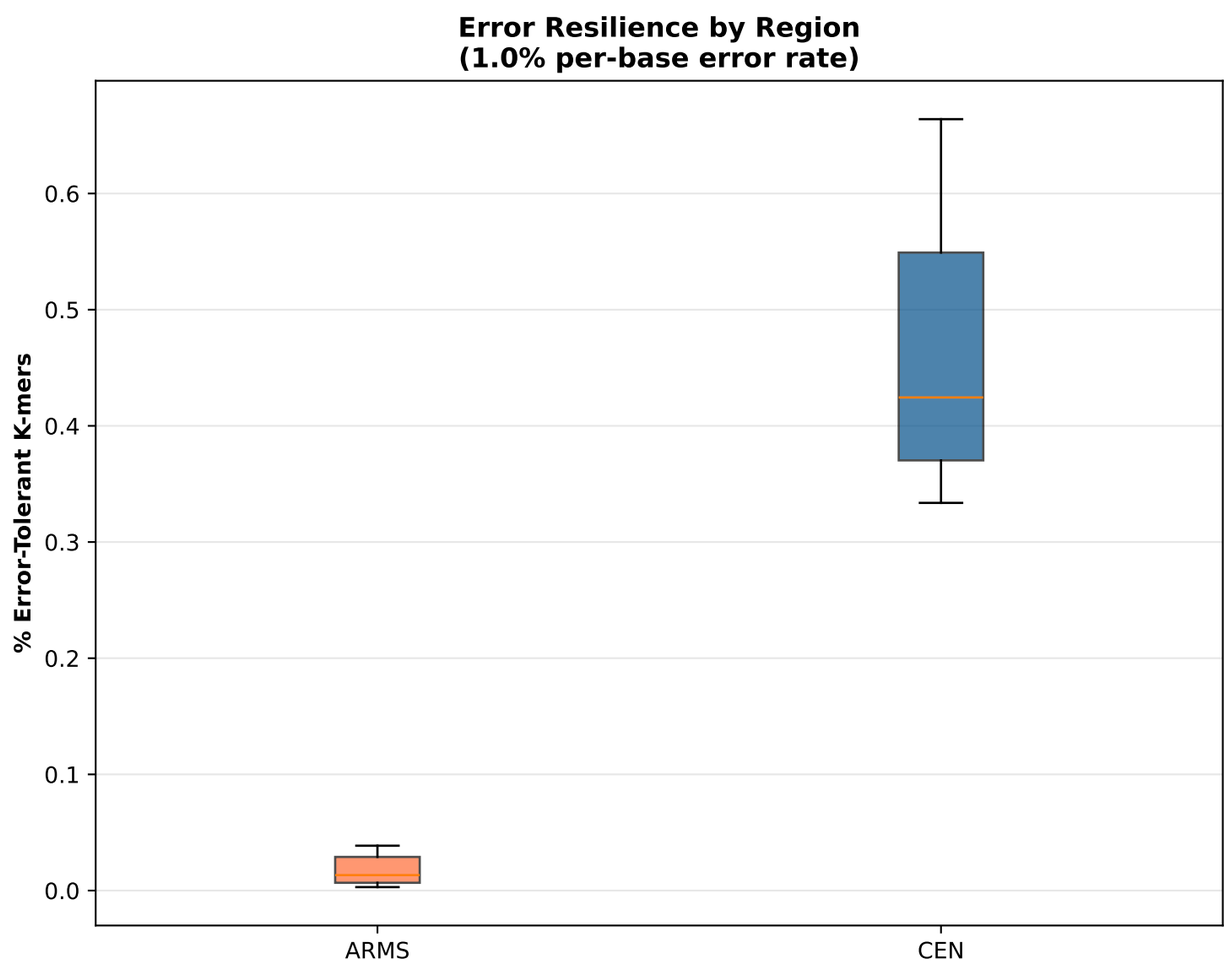
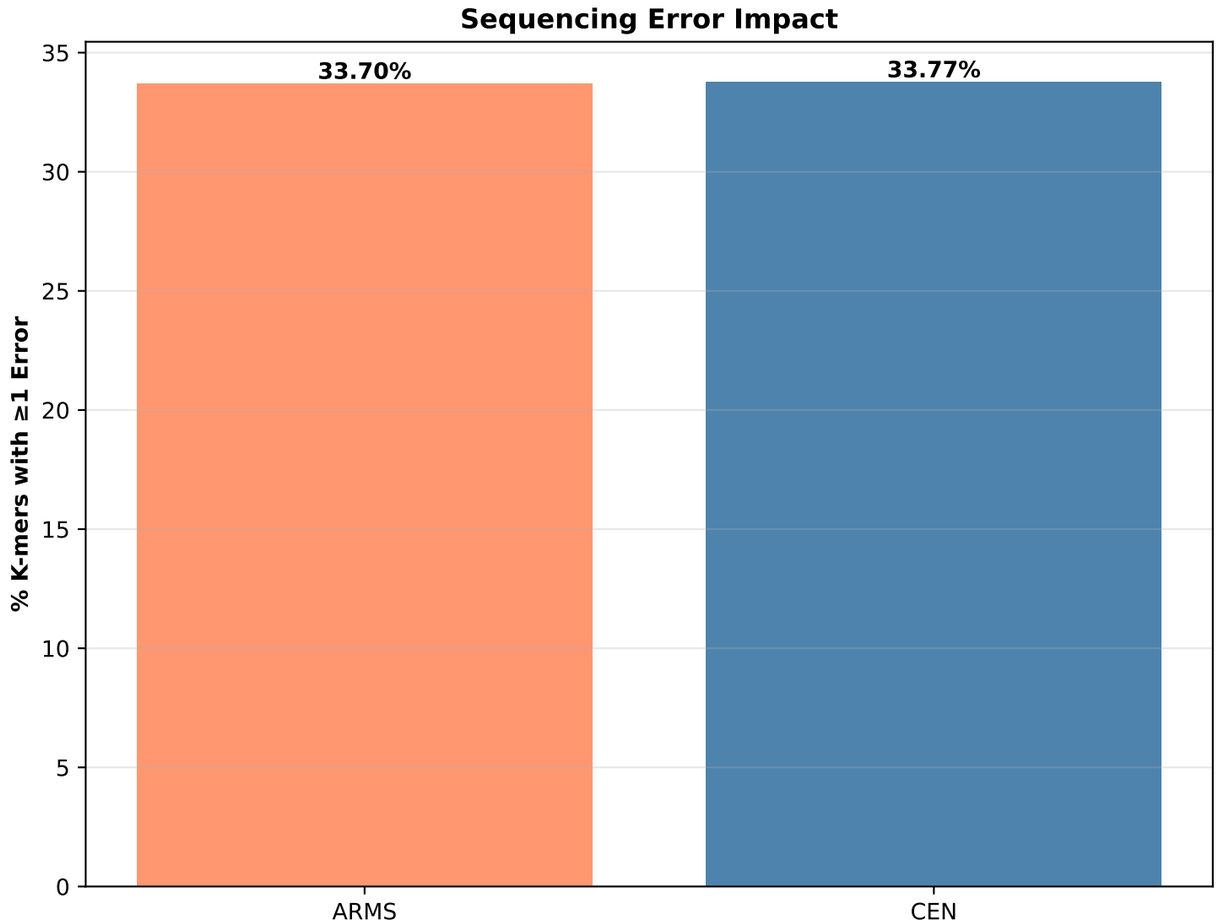
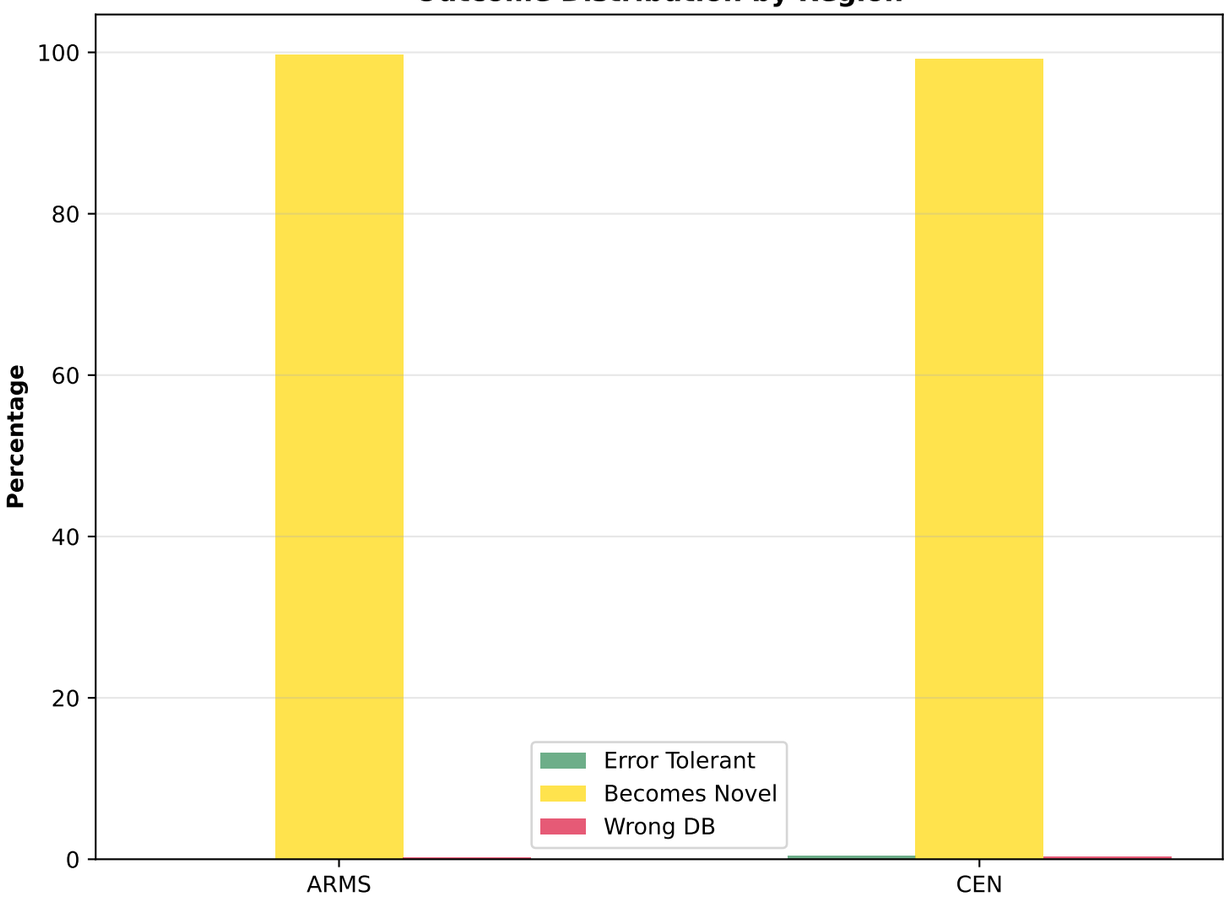
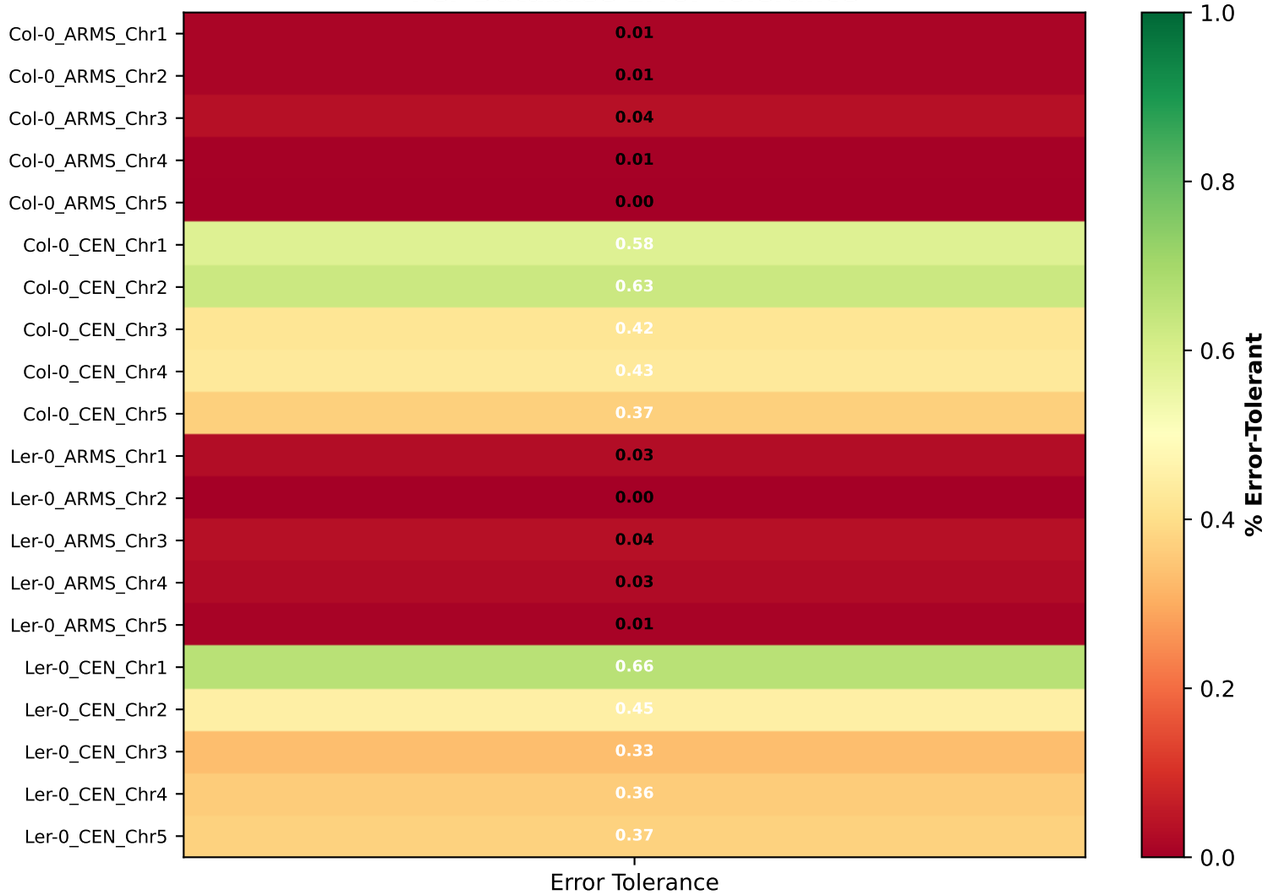

Error Resilience by Region
(1.0% per-base error rate)
% Error-Tolerant K-mers
0.0
0.1
0.2
0.3
0.4
0.5
0.6
ARMS
CEN


Sequencing Error Impact
% K-mers with ≥1 Error
0
5
10
15
20
25
30
35
33.70%
33.77%
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 0.01
Col-0_ARMS_Chr3 0.04
Col-0_ARMS_Chr4 0.01
Col-0_ARMS_Chr5 0.00
Col-0_CEN_Chr1 0.58
Col-0_CEN_Chr2 0.63
Col-0_CEN_Chr3 0.42
Col-0_CEN_Chr4 0.43
Col-0_CEN_Chr5 0.37
Ler-0_ARMS_Chr1 0.03
Ler-0_ARMS_Chr2 0.00
Ler-0_ARMS_Chr3 0.04
Ler-0_ARMS_Chr4 0.03
Ler-0_ARMS_Chr5 0.01
Ler-0_CEN_Chr1 0.66
Ler-0_CEN_Chr2 0.45
Ler-0_CEN_Chr3 0.33
Ler-0_CEN_Chr4 0.36
Ler-0_CEN_Chr5 0.37
Error Tolerance
% Error-Tolerant
0.0
0.2
0.4
0.6
0.8
1.0