

| Epochs | LR | Weight decay | Scheduler | Correct merges | Semantic merges | Raising conflict | Valid Java markdown |
|--------|--------|--------------|-----------|----------------|-----------------|------------------|---------------------|
| 1 | 0.001 | 0.0 | linear | 22.95% | 31.39% | 13.52% | 77.79% |
| 3 | 0.001 | 0.0 | linear | 28.78% | 36.23% | 16.13% | 84.12% |
| 3 | 0.001 | 0.0 | cosine | 28.78% | 35.36% | 11.41% | 79.28% |
| 1 | 0.001 | 0.01 | linear | 22.08% | 30.15% | 12.41% | 76.18% |
| 3 | 0.001 | 0.01 | linear | 29.28% | 36.35% | 12.78% | 82.88% |
| 1 | 0.001 | 0.01 | cosine | 27.92% | 34.62% | 10.05% | 82.88% |
| 3 | 0.001 | 0.01 | cosine | 26.92% | 33.00% | 11.66% | 76.05% |
| 1 | 0.0001 | 0.0 | linear | 30.27% | 39.58% | 12.90% | 92.43% |
| 3 | 0.0001 | 0.0 | linear | 21.46% | 27.17% | 10.30% | 64.14% |
| 1 | 0.0001 | 0.0 | cosine | 27.67% | 36.72% | 14.52% | 90.69% |
| 3 | 0.0001 | 0.0 | cosine | 23.33% | 30.40% | 9.55% | 64.27% |
| 1 | 0.0001 | 0.01 | linear | 28.04% | 38.46% | 13.03% | 90.20% |
| 3 | 0.0001 | 0.01 | linear | 22.21% | 27.42% | 11.54% | 64.27% |
| 1 | 0.0001 | 0.01 | cosine | 25.43% | 34.62% | 12.78% | 89.95% |
| 3 | 0.0001 | 0.01 | cosine | 21.59% | 27.17% | 9.43% | 63.77% |
| 1 | 1e-05 | 0.0 | linear | 7.07% | 9.80% | 60.55% | 99.75% |
| 3 | 1e-05 | 0.0 | linear | 17.99% | 23.70% | 42.56% | 98.26% |
| 1 | 1e-05 | 0.0 | cosine | 7.82% | 11.41% | 59.43% | 99.38% |
| 3 | 1e-05 | 0.0 | cosine | 17.99% | 25.81% | 43.18% | 99.26% |
| 1 | 1e-05 | 0.01 | linear | 7.07% | 9.93% | 58.06% | 99.63% |
| 3 | 1e-05 | 0.01 | linear | 17.37% | 22.95% | 43.30% | 98.51% |
| 1 | 1e-05 | 0.01 | cosine | 7.32% | 9.68% | 58.81% | 99.13% |
| 3 | 1e-05 | 0.01 | cosine | 17.12% | 23.33% | 42.93% | 98.14% |

Table 1: Merge-resolution performance across configurations.