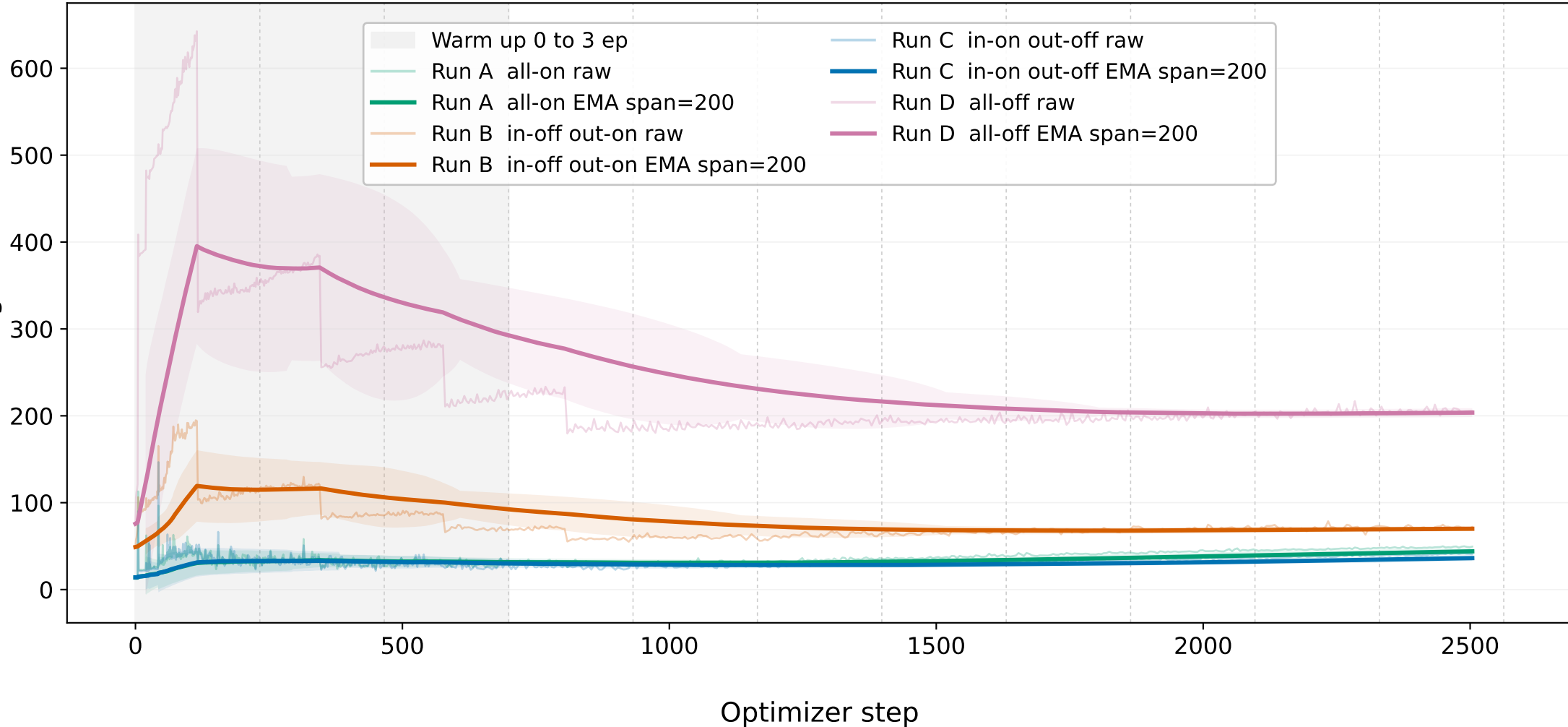


Global L2 grad norm



| Metric | Run A | Run B | Run C | Run D |
|----------------------------------|----------------|-----------------|----------------|-------------------|
| Peak warm up | 113.1 | 194.9 | 146.7 | 642.6 |
| EMA at warm up end | 31.6 | 92.6 | 30.2 | 293.0 |
| Plateau mean \pm std last 1000 | 36.4 ± 8.4 | 88.3 ± 32.9 | 32.6 ± 8.3 | 284.2 ± 124.7 |
| Plateau coefficient of variation | 0.232 | 0.373 | 0.256 | 0.439 |

Lower peak and EMA at warm up end with lower plateau coefficient of variation indicate higher stability.