# Comparison of Training Metrics: 300K vs 1000K

| Metric | 300K | 1000K |
| --- | --- | --- |
| Runtime (\_runtime) | 1131.12 seconds | 5095.62 seconds |
| Epoch | 100 | 100 |
| Training e/N MAE | 0.00321 | 0.02768 |
| Training e MAE | 0.3085 | 2.6569 |
| Training f MAE | 0.0364 | 0.1653 |
| Training f RMSE | 0.0488 | 0.2533 |
| Training Loss | 0.00535 | 0.04941 |
| Training Loss (e) | 0.000035 | 0.000901 |
| Training Loss (f) | 0.00531 | 0.04851 |
| Validation e/N MAE | 0.00045 | 0.01906 |
| Validation e MAE | 0.0436 | 1.8300 |
| Validation f MAE | 0.0327 | 0.1494 |
| Validation f RMSE | 0.0443 | 0.2361 |
| Validation Loss | 0.00438 | 0.04254 |
| Validation Loss (e) | 0.000000767 | 0.000381 |
| Validation Loss (f) | 0.004375 | 0.04216 |

**These results are for 100 epochs for the datasets mapi-1000.extxyz and mapi-300.extxyz.**

For more details, visit the following link:

https://api.wandb.ai/links/chirag17-indian-institute-of-technology/lgnn7jpy