

| Change in Model Weights & Biases Based on Conditioning with Morgan Fingerprints (MFP) and Conditiong Plus Fine-Tuning (CRT) |            |         |             |          |            |         |          |         |
|---|------------|---------|-------------|----------|------------|---------|----------|---------|
| Model   | Layer Norm |         | Attention   |          | Projection |         | MLP      | MLP     |
|   | Weights    | Bias    | Key Weights | Key Bias | Weights    | Bias    | Weights  | Bias    |
| No Condition vs. MFP Condition  | 0.20759    | 0.08613 | 0.00290     | 0.05628  | 0.00148    | 0.01009 | 0.000091 | 0.17821 |
| MFP Condition vs. CRT   | 0.00047    | 0.00041 | 0.00003     | 0.00033  | 0.00003    | 0.00027 | 0.00002  | 0.00036 |