| Dataset | Parameters |       |               |              | Evaluation    |                |              |
|---------|------------|-------|---------------|--------------|---------------|----------------|--------------|
|         | Batch size | Epoch | Learning rate | Random_state | Train_loss    | Eval_loss      | Exact_match  |
| pcfgset | 128        | 100   | 5e-5          | 0            | 0.06196381574 | 0.002386444714 | 0.9357062031 |
|         |            |       |               | 1            | 0.07333237646 | 0.002891392913 | 0.9177039399 |
|         |            |       |               | 2            | 0.07397078275 | 0.002985373139 | 0.9086513733 |
|         |            |       |               | 3            | 0.06745049371 | 0.002669894602 | 0.9220244831 |
|         |            |       |               | 4            | 0.0692433616  | 0.002966131316 | 0.9249048452 |
|         |            |       |               | 5            | 0.07775206461 | 0.003159118816 | 0.9024791688 |
|         |            |       |               | 6            | 0.07561014314 | 0.003680542344 | 0.8989815863 |
|         |            |       |               | 7            | 0.06902646326 | 0.002739246236 | 0.9185269005 |
|         |            |       |               | 8            | 0.0663543432  | 0.002354255412 | 0.9300483489 |
|         |            |       |               | 9            | 0.0691221766  | 0.002808668884 | 0.924596235  |
|         |            |       |               | 10           | 0.06893443989 | 0.002638096688 | 0.9227445736 |
|         |            |       |               | 11           | 0.07146570918 | 0.003128418699 | 0.9034049995 |
|         |            |       |               | 12           | 0.0711666968  | 0.002470331267 | 0.9176010698 |
|         |            |       |               | 13           | 0.06896213721 | 0.002661463805 | 0.9263450262 |
|         |            |       |               | 14           | 0.06786934178 | 0.002591838827 | 0.9225388335 |
|         |            |       |               | 15           | 0.06740149009 | 0.002695811214 | 0.9268593766 |
|         |            |       |               | 16           | 0.06498633327 | 0.002793221036 | 0.9209957823 |
|         |            |       |               | 17           | 0.07074090619 | 0.002925436012 | 0.9129719165 |
|         |            |       |               | 18           | 0.07092044324 | 0.00337511301  | 0.9099886843 |
|         |            |       |               | 19           | 0.0697736337  | 0.00259421696  | 0.9296368686 |