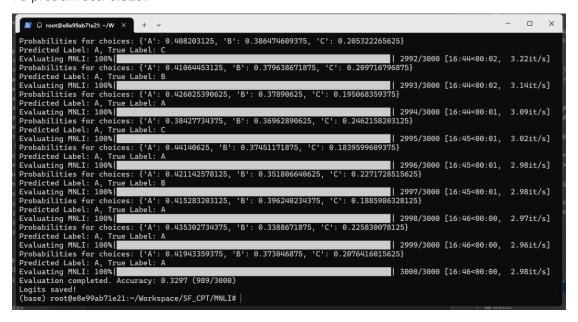
7b pretrain acc: 0.3297



13b pretrain acc: 0.4067

```
Predicted Answer: B, True Answer: B
Probabilities for choices: {'A': 7.889262633398175e-06, 'B': 9.736124129133827e-10, 'C': 0.9999921321868896}
Predicted Answer: C, True Answer: C
Probabilities for choices: {'A': 0.2018132209777832, 'B': 1.6338658071093595e-16, 'C': 0.7981867790222168}
Predicted Answer: C, True Answer: B
Probabilities for choices: {'A': 1.0, 'B': 1.1132654117220728e-27, 'C': 9.82453264707878e-28}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.4687906503677368, 'B': 2.2277836585031519e-13, 'C': 0.531209409236908}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 1.0, 'B': 2.396757375836046e-19, 'C': 9.056076721858375e-11}
Predicted Answer: A, True Answer: C
Probabilities for choices: {'A': 1.0, 'B': 3.3315444153414475e-11, 'C': 5.4927885156930145e-11}
Predicted Answer: A, True Answer: B
Probabilities for choices: {'A': 0.22270014882087708, 'B': 0.7772998809814453, 'C': 3.0928471589364293e-12}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.9999646642684937, 'B': 1.1396095655688554e-12, 'C': 0.00033535013790242374}
Predicted Answer: A, True Answer: C
Probabilities for choices: {'A': 0.9994239330291748, 'B': 0.0021748896688222885, 'C': 0.00335857870243489742}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.9994239330291748, 'B': 0.847658634185791, 'C': 0.00958857870243489742}
Predicted Answer: A, True Answer: B
Probabilities for choices: {'A': 0.0002773809712380171, 'B': 0.847658634185791, 'C': 0.009681547060608864}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.0002773809712380171, 'B': 0.9875446557998657, 'C': 0.009681547060608864}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.0002773809712380171, 'B': 0.847658634185791, 'C': 0.009681547060608864}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.0002773809712380171, 'B': 0.847658634185791, 'C': 0.009681547060608864}
Probabilities for choices: {'A': 0.0002773809712380171, 'B': 0.847658634
```

13b loratune acc: **0.8753**

```
Evaluating MNLI: 100%
                                    | 2992/3000 [43:25<00:06, 1.22it/s]
Probabilities for choices: {'A': 0.0694580078125, 'B': 0.0775146484375, 'C': 0.85302734375}
Predicted Label: C, True Label: C
Evaluating MNLI: 100% 2993/3000 [43:26<00:05, 1.20it/s]
Probabilities for choices: {'A': 0.276611328125, 'B': 0.599609375, 'C': 0.12371826171875}
Predicted Label: B, True Label: B
Evaluating MNLI: 100% 2994/3000 [43:27<00:05, 1.18it/s] Probabilities for choices: {'A': 0.62548828125, 'B': 0.2978515625, 'C': 0.07647705078125}
Predicted Label: A, True Label: A
Evaluating MNLI: 100% | 2995/3000 [43:28<00:04, 1.17it/s] Probabilities for choices: {'A': 0.1497802734375, 'B': 0.42333984375, 'C': 0.4267578125}
Predicted Label: C, True Label: C
Evaluating MNLI: 100% 2996/3000 [43:29<00:03, 1.16it/s]
Probabilities for choices: {'A': 0.732421875, 'B': 0.23046875, 'C': 0.03704833984375}
Predicted Label: A, True Label: A
                                    | 2997/3000 [43:29<00:02, 1.16it/s]
Evaluating MNLI: 100%
Probabilities for choices: {'A': 0.156494140625, 'B': 0.5771484375, 'C': 0.266357421875}
Predicted Label: B, True Label: B
Evaluating MNLI: 100%
                                    | 2998/3000 [43:30<00:01, 1.16it/s]
Probabilities for choices: {'A': 0.5458984375, 'B': 0.375, 'C': 0.0792236328125}
Predicted Label: A, True Label: A
Evaluating MNLI: 100%
                                    | 2999/3000 [43:31<00:00, 1.15it/s]
Probabilities for choices: {'A': 0.8935546875, 'B': 0.097900390625, 'C': 0.00868988037109375}
Predicted Label: A, True Label: A
Evaluating MNLI: 100%
                                    | 3000/3000 [43:32<00:00, 1.15it/s]
Probabilities for choices: {'A': 0.367431640625, 'B': 0.337158203125, 'C': 0.295166015625}
Predicted Label: A, True Label: A
Evaluation completed. Accuracy: 0.8753 (2626/3000)
Logits saved!
```

Proxy tuning acc: 0.4940

```
Predicted Answer: B, True Answer: B
Probabilities for choices: {'A': 3.1201903766486794e-05, 'B': 2.699493393265584e-07, 'C': 0.9999685287475586}
Predicted Answer: C, True Answer: C
Probabilities for choices: {'A': 3.0.95514484688639641, 'B': 4.630865569482667e-12, 'C': 0.9648551344871521}
Predicted Answer: C, True Answer: B
Probabilities for choices: {'A': 1.0, 'B': 8.282971771330036e-20, 'C': 4.1649400103225907e-20}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.656410578250885, 'B': 1.6543609815400373e-09, 'C': 0.3345894515514374}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.9999998807907104, 'B': 1.1253516163378663e-07, 'C': 5.315784434856141e-08}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.9999998807907104, 'B': 1.1253516163378663e-07, 'C': 5.315784434856141e-08}
Predicted Answer: A, True Answer: B
Probabilities for choices: {'A': 0.999998807907104, 'B': 1.1253516163378663e-07, 'C': 5.315784434856141e-08}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.99959298068315125, 'B': 1.06513549089431763, 'C': 1.9533878958810647e-09}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.99867672324180603, 'B': 0.00967392511655821, 'C': 0.004070138093084097}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.9999884366989136, 'B': 1.4478767191874795e-05, 'C': 1.6373583378026524e-07}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.183014065027237, 'B': 0.8741357326507568, 'C': 0.007562756072729826}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.1930828179625e-11, 'B': 3.500854518279084e-06, 'C': 0.999996542930603}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.752000828179625e-11, 'B': 3.500854518279084e-06, 'C': 0.999996542930603}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.626615481077862473, 'B': 0.9635935425758362, 'C': 0.013744923286139965}
Predicted Answer: B, True Answer: A
Proba
```

Consistent proxy tuning acc: 0.7470

```
Predicted Answer: B, True Answer: B
Probabilities for choices: {'A': 0.00019090660498477519, 'B': 0.054188381880521774, 'C': 0.9456207156181335}
Predicted Answer: C, True Answer: B
Probabilities for choices: {'A': 0.00044445483945310116, 'B': 0.06605994230508804, 'C': 0.9394956231117249}
Predicted Answer: C, True Answer: A
Probabilities for choices: {'A': 0.8377199172973633, 'B': 0.147866353392601, 'C': 0.0441376656293869}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.8377199172973633, 'B': 0.147866353392601, 'C': 0.032064590603113174}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.00015102607430890203, 'B': 0.12573258578777313, 'C': 0.032064590603113174}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.00015102607430890203, 'B': 0.12573258578777313, 'C': 0.030111655592918396}
Predicted Answer: A, True Answer: B, True Answer: B, True Answer: B, Probabilities for choices: {'A': 0.7243098616600037, 'B': 0.2706548273563385, 'C': 0.050535280715674162}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.09026923030614853, 'B': 0.7677173614501953, 'C': 0.095935280715674162}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.0908262467384338, 'B': 0.19140051305294037, 'C': 0.005845300387591124}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.06151634454727173, 'B': 0.3789912164211273, 'C': 0.005845300387591124}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.00781131922006607, 'B': 0.9008792042732239, 'C': 0.0924007616564631462}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.00781131922006607, 'B': 0.9008792042732239, 'C': 0.0924007616564631462}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.00781131922006607, 'B': 0.9008792042732239, 'C': 0.0924007616564631462}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.00781131922006607, 'B': 0.9008792042732239, 'C': 0.0924007616564631462}
Predicted Answe
```

Gaussian Process tuning acc: **0.7467** 800/12000 (6.67%)

```
Probabilities for choices: {\ 'A': 0.0005098295514471829, 'B': 0.173199862241745, 'C': 0.8262903094291687 \ Predicted Answer: C, True Answer: C
Probabilities for choices: {\ 'A': 0.0005098295514471829, 'B': 0.30400726199150085, 'C': 0.685990959072113 \ Predicted Answer: C, True Answer: B
Probabilities for choices: {\ 'A': 0.834751546382904, 'B': 0.384012091, 'C': 0.026833040227693558 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.8334751546382904, 'B': 0.3826179802417755, 'C': 0.026833040227693558 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.8534227204322815, 'B': 0.3826179802417755, 'C': 0.0833959273248910904 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.0019437253940850496, 'B': 0.10949253290891647, 'C': 0.8885637521743774 \ Predicted Answer: B, True Answer: B
Probabilities for choices: {\ 'A': 0.11954743415117264, 'B': 0.8561651116649109, 'C': 0.02428753487765789 \ Predicted Answer: B, True Answer: B
Probabilities for choices: {\ 'A': 0.10712703317403793, 'B': 0.7553191184997559, 'C': 0.0242875382597446442 \ Predicted Answer: B, True Answer: A
Probabilities for choices: {\ 'A': 0.8167802095413208, 'B': 0.1822483092546463, 'C': 0.0009714115876704454 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.8167802095413208, 'B': 0.2683171331882477, 'C': 0.0023213978856801987 \ Predicted Answer: A, True Answer: B
Probabilities for choices: {\ 'A': 0.19258947670459747, 'B': 0.7982611656188965, 'C': 0.007180590623140097 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.0793697020530701, 'B': 0.21314983069896698, 'C': 0.007180509623140097 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.0796697020530701, 'B': 0.034361582249403, 'C': 0.007180509623140097 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {\ 'A': 0.007431212812662125, 'B': 0.034361582249403, 'C': 0.007180509623140097 \ Predicted Answer: A, True Answer: A
Probabilities for choices: {
```

Gaussian Process with filter acc: **0.8610**Config: input_threshold=0.08, output_threshold=0.9

230/12000 (2.12%)

```
Predicted Answer: B, True Answer: B
Probabilities for choices: {'A': 0.003258302342146635, 'B': 0.027495402842760086, 'C': 0.9692463278770447}
Predicted Answer: C, True Answer: C
Probabilities for choices: {'A': 0.004205823410302401, 'B': 0.013790364377200603, 'C': 0.9820037484169006}
Predicted Answer: C, True Answer: B
Probabilities for choices: {'A': 0.988785584449767, 'B': 0.013567697256803513, 'C': 0.005069877952337265}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.8887855844497681, 'B': 0.09882149994664993, 'C': 0.02392948761582375}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.0804275535941123962, 'B': 0.003478451631963253, 'C': 0.9950940608978271}
Predicted Answer: A, True Answer: C
Probabilities for choices: {'A': 0.036738328635692596, 'B': 0.9328044652938843, 'C': 0.0304571446031332}
Predicted Answer: B, True Answer: B
Probabilities for choices: {'A': 0.8280838820457458, 'B': 0.10731394588947296, 'C': 0.021802151575684547}
Predicted Answer: A, True Answer: A
Probabilities for choices: {'A': 0.028437186032533646, 'B': 0.7220343351364136, 'C': 0.2495284080505371}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.09663342237472534, 'B': 0.03155193105340004, 'C': 0.002113847527652979}
Predicted Answer: B, Irue Answer: A
Probabilities for choices: {'A': 0.013727769255638123, 'B': 0.9775463938713074, 'C': 0.002659487834572792}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.977471649646759, 'B': 0.7266950011253357, 'C': 0.026059487834572792}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.083739985058403, 'B': 0.7266950011253357, 'C': 0.08457438945770264}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.083739985058403, 'B': 0.09057663157582283, 'C': 0.094970558091828227}
Predicted Answer: B, True Answer: A
Probabilities for choices: {'A': 0.083739985058403, 'B': 0.09057663157582283, 'C': 0.08457438945770264}
Probabilities for choices: {'A': 0.083739985058403, 'B': 0.0905
```