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1 /home/cbh21/.virtualenvs/pythonProject1/bin/python /
  home/cbh21/Lab/c_transfer/cf/MLSTM_FCN/main.py
2 pretrain the target classification modules
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3 Epoch:0 batch_num:0 t_c_loss:1.3771074 t_sl_loss:458.
  191
4 Epoch:0 batch_num:1 t_c_loss:2.7920413 t_sl_loss:2.
  9957154
5 Epoch:0 batch_num:2 t_c_loss:2.144916 t_sl_loss:91.
  220276
6 Epoch:0 batch_num:3 t_c_loss:2.6174855 t_sl_loss:2.
  995715
7 Epoch:0 batch_num:4 t_c_loss:1.3928347 t_sl_loss:3.
  0127268
8 Epoch:0 batch_num:5 t_c_loss:1.400593 t_sl_loss:38.
  10823
9 Epoch:0 batch_num:6 t_c_loss:1.4587404 t_sl_loss:2.
  9957147
10 Epoch:0 batch_num:7 t_c_loss:1.3766267 t_sl_loss:2.
  9957147
11 Epoch:0 batch_num:8 t_c_loss:1.4385641 t_sl_loss:2.
  995715
12 Epoch:0 batch_num:9 t_c_loss:1.3734045 t_sl_loss:3.
  036608
13 Epoch:0 batch_num:10 t_c_loss:1.4047449 t_sl_loss:2.
  9961424
14 Epoch:0 batch_num:11 t_c_loss:1.3338821 t_sl_loss:2.
  9959166
15 Epoch:0 batch_num:12 t_c_loss:1.3555579 t_sl_loss:2.
  995715
16 Epoch:0 batch_num:13 t_c_loss:1.5592024 t_sl_loss:-0.
  0
17 epoch_num:0 accuracy_for_train:0.26053639846743293
18 epoch_num:0 accuracy_for_test:0.2509505703422053
19 Epoch:1 batch_num:0 t_c_loss:1.5802796 t_sl_loss:2.
  9957147
20 Epoch:1 batch_num:1 t_c_loss:1.475941 t_sl_loss:2.
  995717
21 Epoch:1 batch_num:2 t_c_loss:1.4078934 t_sl_loss:2.
  9957144

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22 Epoch:1 batch_num:3 t_c_loss:1.3215808 t_sl_loss:2.
    995715
23 Epoch:1 batch_num:4 t_c_loss:1.3077333 t_sl_loss:2.
    995715
24 Epoch:1 batch_num:5 t_c_loss:1.4598423 t_sl_loss:3.
    0344298
25 Epoch:1 batch_num:6 t_c_loss:1.3919544 t_sl_loss:2.
    995715
26 Epoch:1 batch_num:7 t_c_loss:1.3675792 t_sl_loss:2.
    995715
27 Epoch:1 batch_num:8 t_c_loss:1.368574 t_sl_loss:2.
    9957147
28 Epoch:1 batch_num:9 t_c_loss:1.3529881 t_sl_loss:2.
    995715
29 Epoch:1 batch_num:10 t_c_loss:1.3582995 t_sl_loss:2.
    995715
30 Epoch:1 batch_num:11 t_c_loss:1.4176455 t_sl_loss:2.
    9956613
31 Epoch:1 batch_num:12 t_c_loss:1.4665788 t_sl_loss:2.
    995707
32 Epoch:1 batch_num:13 t_c_loss:1.3109876 t_sl_loss:-0.
    0
33 epoch_num:1 accuracy_for_train:0.24904214559386972
34 epoch_num:1 accuracy_for_test:0.2509505703422053
35 Epoch:2 batch_num:0 t_c_loss:1.498691 t_sl_loss:2.
    995715
36 Epoch:2 batch_num:1 t_c_loss:1.3499099 t_sl_loss:2.
    995715
37 Epoch:2 batch_num:2 t_c_loss:1.3100679 t_sl_loss:2.
    9957151
38 Epoch:2 batch_num:3 t_c_loss:1.4284571 t_sl_loss:2.
    995715
39 Epoch:2 batch_num:4 t_c_loss:1.414128 t_sl_loss:2.
    995715
40 Epoch:2 batch_num:5 t_c_loss:1.4468324 t_sl_loss:2.
    9957144
41 Epoch:2 batch_num:6 t_c_loss:1.365427 t_sl_loss:2.
    995715
42 Epoch:2 batch_num:7 t_c_loss:1.42362 t_sl_loss:2.
    995715
43 Epoch:2 batch_num:8 t_c_loss:1.3825208 t_sl_loss:2.
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43 995715
44 Epoch:2 batch_num:9 t_c_loss:1.4029764 t_sl_loss:2.
   995714
45 Epoch:2 batch_num:10 t_c_loss:1.3500302 t_sl_loss:2.
   995715
46 Epoch:2 batch_num:11 t_c_loss:1.3584579 t_sl_loss:2.
   995715
47 Epoch:2 batch_num:12 t_c_loss:1.3699731 t_sl_loss:2.
   995715
48 Epoch:2 batch_num:13 t_c_loss:1.3198392 t_sl_loss:-0.
   0
49 epoch_num:2 accuracy_for_train:0.24904214559386972
50 epoch_num:2 accuracy_for_test:0.24714828897338403
51 Epoch:3 batch_num:0 t_c_loss:1.3810022 t_sl_loss:2.
   995715
52 Epoch:3 batch_num:1 t_c_loss:1.49137 t_sl_loss:2.
   995716
53 Epoch:3 batch_num:2 t_c_loss:1.475275 t_sl_loss:2.
   995715
54 Epoch:3 batch_num:3 t_c_loss:1.3725148 t_sl_loss:2.
   995715
55 Epoch:3 batch_num:4 t_c_loss:1.3793066 t_sl_loss:2.
   995715
56 Epoch:3 batch_num:5 t_c_loss:1.3871458 t_sl_loss:2.
   995715
57 Epoch:3 batch_num:6 t_c_loss:1.3681451 t_sl_loss:2.
   9957147
58 Epoch:3 batch_num:7 t_c_loss:1.3454046 t_sl_loss:2.
   995715
59 Epoch:3 batch_num:8 t_c_loss:1.3307889 t_sl_loss:2.
   995715
60 Epoch:3 batch_num:9 t_c_loss:1.3189089 t_sl_loss:2.
   995715
61 Epoch:3 batch_num:10 t_c_loss:1.4028443 t_sl_loss:2.
   995715
62 Epoch:3 batch_num:11 t_c_loss:1.3253298 t_sl_loss:78.
   38819
63 Epoch:3 batch_num:12 t_c_loss:1.3633568 t_sl_loss:2.
   995715
64 Epoch:3 batch_num:13 t_c_loss:1.3901368 t_sl_loss:-0.
   0
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65 epoch_num:3 accuracy_for_train:0.2796934865900383
66 epoch_num:3 accuracy_for_test:0.27756653992395436
67 Epoch:4 batch_num:0 t_c_loss:1.3179718 t_sl_loss:3.
  098827
68 Epoch:4 batch_num:1 t_c_loss:1.1748184 t_sl_loss:2.
  9957151
69 Epoch:4 batch_num:2 t_c_loss:1.6000345 t_sl_loss:2.
  9957147
70 Epoch:4 batch_num:3 t_c_loss:1.3210067 t_sl_loss:2.
  995715
71 Epoch:4 batch_num:4 t_c_loss:1.3790983 t_sl_loss:2.
  995715
72 Epoch:4 batch_num:5 t_c_loss:1.2618039 t_sl_loss:2.
  995715
73 Epoch:4 batch_num:6 t_c_loss:1.4824116 t_sl_loss:2.
  995715
74 Epoch:4 batch_num:7 t_c_loss:1.447974 t_sl_loss:2.
  995715
75 Epoch:4 batch_num:8 t_c_loss:1.2983344 t_sl_loss:3.
  0015202
76 Epoch:4 batch_num:9 t_c_loss:1.3786023 t_sl_loss:2.
  995715
77 Epoch:4 batch_num:10 t_c_loss:1.3523835 t_sl_loss:2.
  995715
78 Epoch:4 batch_num:11 t_c_loss:1.4065821 t_sl_loss:2.
  9957151
79 Epoch:4 batch_num:12 t_c_loss:1.4093112 t_sl_loss:2.
  995715
80 Epoch:4 batch_num:13 t_c_loss:1.46523 t_sl_loss:-0.0
81 epoch_num:4 accuracy_for_train:0.3218390804597701
82 epoch_num:4 accuracy_for_test:0.2737642585551331
83 Epoch:5 batch_num:0 t_c_loss:1.3509477 t_sl_loss:9.
  461606
84 Epoch:5 batch_num:1 t_c_loss:1.2900218 t_sl_loss:2.
  995715
85 Epoch:5 batch_num:2 t_c_loss:1.3806552 t_sl_loss:2.
  995715
86 Epoch:5 batch_num:3 t_c_loss:1.3777306 t_sl_loss:2.
  995715
87 Epoch:5 batch_num:4 t_c_loss:1.4068791 t_sl_loss:2.
  995715
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88 Epoch:5 batch_num:5 t_c_loss:1.3982402 t_sl_loss:2.
995714
89 Epoch:5 batch_num:6 t_c_loss:1.3271267 t_sl_loss:2.
9957147
90 Epoch:5 batch_num:7 t_c_loss:1.4434321 t_sl_loss:2.
995714
91 Epoch:5 batch_num:8 t_c_loss:1.3519595 t_sl_loss:2.
995715
92 Epoch:5 batch_num:9 t_c_loss:1.4537097 t_sl_loss:2.
995715
93 Epoch:5 batch_num:10 t_c_loss:1.3312916 t_sl_loss:2.
995715
94 Epoch:5 batch_num:11 t_c_loss:1.3102131 t_sl_loss:2.
995715
95 Epoch:5 batch_num:12 t_c_loss:1.3672633 t_sl_loss:2.
995715
96 Epoch:5 batch_num:13 t_c_loss:1.3267479 t_sl_loss:-0
.0
97 epoch_num:5 accuracy_for_train:0.28735632183908044
98 epoch_num:5 accuracy_for_test:0.27756653992395436
99 Epoch:6 batch_num:0 t_c_loss:1.4220405 t_sl_loss:2.
995715
100 Epoch:6 batch_num:1 t_c_loss:1.273261 t_sl_loss:2.
995715
101 Epoch:6 batch_num:2 t_c_loss:1.3331003 t_sl_loss:2.
995715
102 Epoch:6 batch_num:3 t_c_loss:1.3369584 t_sl_loss:2.
995715
103 Epoch:6 batch_num:4 t_c_loss:1.3553498 t_sl_loss:2.
995715
104 Epoch:6 batch_num:5 t_c_loss:1.4576205 t_sl_loss:2.
995715
105 Epoch:6 batch_num:6 t_c_loss:1.4024638 t_sl_loss:2.
9957147
106 Epoch:6 batch_num:7 t_c_loss:1.2839241 t_sl_loss:3.
0043848
107 Epoch:6 batch_num:8 t_c_loss:1.4104798 t_sl_loss:2.
995715
108 Epoch:6 batch_num:9 t_c_loss:1.3490473 t_sl_loss:2.
995715
109 Epoch:6 batch_num:10 t_c_loss:1.326673 t_sl_loss:2.
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109 9957147
110 Epoch:6 batch_num:11 t_c_loss:1.5733572 t_sl_loss:2.
    995715
111 Epoch:6 batch_num:12 t_c_loss:1.3203608 t_sl_loss:2.
    995715
112 Epoch:6 batch_num:13 t_c_loss:1.4988546 t_sl_loss:-0
    .0
113 epoch_num:6 accuracy_for_train:0.26053639846743293
114 epoch_num:6 accuracy_for_test:0.2509505703422053
115 Epoch:7 batch_num:0 t_c_loss:1.2922914 t_sl_loss:2.
    995715
116 Epoch:7 batch_num:1 t_c_loss:1.3527367 t_sl_loss:2.
    995715
117 Epoch:7 batch_num:2 t_c_loss:1.361425 t_sl_loss:2.
    9959037
118 Epoch:7 batch_num:3 t_c_loss:1.3464416 t_sl_loss:2.
    995715
119 Epoch:7 batch_num:4 t_c_loss:1.3119972 t_sl_loss:2.
    995715
120 Epoch:7 batch_num:5 t_c_loss:1.3699887 t_sl_loss:2.
    995715
121 Epoch:7 batch_num:6 t_c_loss:1.3913002 t_sl_loss:2.
    9957159
122 Epoch:7 batch_num:7 t_c_loss:1.3751973 t_sl_loss:2.
    9957147
123 Epoch:7 batch_num:8 t_c_loss:1.3550482 t_sl_loss:2.
    995715
124 Epoch:7 batch_num:9 t_c_loss:1.4011438 t_sl_loss:2.
    995715
125 Epoch:7 batch_num:10 t_c_loss:1.4485123 t_sl_loss:2.
    995715
126 Epoch:7 batch_num:11 t_c_loss:1.32301 t_sl_loss:2.
    9957147
127 Epoch:7 batch_num:12 t_c_loss:1.3429492 t_sl_loss:2.
    995715
128 Epoch:7 batch_num:13 t_c_loss:1.3663448 t_sl_loss:-0
    .0
129 epoch_num:7 accuracy_for_train:0.2835249042145594
130 epoch_num:7 accuracy_for_test:0.26996197718631176
131 Epoch:8 batch_num:0 t_c_loss:1.3039504 t_sl_loss:2.
    995715
```

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132 Epoch:8 batch_num:1 t_c_loss:1.3923757 t_sl_loss:2.
    995715
133 Epoch:8 batch_num:2 t_c_loss:1.3578912 t_sl_loss:2.
    995715
134 Epoch:8 batch_num:3 t_c_loss:1.4781852 t_sl_loss:2.
    995715
135 Epoch:8 batch_num:4 t_c_loss:1.3249336 t_sl_loss:2.
    9957147
136 Epoch:8 batch_num:5 t_c_loss:1.3697994 t_sl_loss:2.
    995715
137 Epoch:8 batch_num:6 t_c_loss:1.3043772 t_sl_loss:2.
    995715
138 Epoch:8 batch_num:7 t_c_loss:1.3324773 t_sl_loss:2.
    9957175
139 Epoch:8 batch_num:8 t_c_loss:1.4313816 t_sl_loss:2.
    995715
140 Epoch:8 batch_num:9 t_c_loss:1.3684531 t_sl_loss:2.
    9957151
141 Epoch:8 batch_num:10 t_c_loss:1.4331517 t_sl_loss:2.
    995715
142 Epoch:8 batch_num:11 t_c_loss:1.3663609 t_sl_loss:2.
    995715
143 Epoch:8 batch_num:12 t_c_loss:1.3709215 t_sl_loss:2.
    995715
144 Epoch:8 batch_num:13 t_c_loss:1.3301123 t_sl_loss:-0
    .0
145 epoch_num:8 accuracy_for_train:0.31417624521072796
146 epoch_num:8 accuracy_for_test:0.28517110266159695
147 Epoch:9 batch_num:0 t_c_loss:1.4362216 t_sl_loss:2.
    995715
148 Epoch:9 batch_num:1 t_c_loss:1.3782223 t_sl_loss:2.
    995715
149 Epoch:9 batch_num:2 t_c_loss:1.3737028 t_sl_loss:2.
    9957144
150 Epoch:9 batch_num:3 t_c_loss:1.3456757 t_sl_loss:2.
    995715
151 Epoch:9 batch_num:4 t_c_loss:1.3653157 t_sl_loss:2.
    995715
152 Epoch:9 batch_num:5 t_c_loss:1.2956421 t_sl_loss:2.
    995715
153 Epoch:9 batch_num:6 t_c_loss:1.296296 t_sl_loss:2.

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153 9957147
154 Epoch:9 batch_num:7 t_c_loss:1.3073666 t_sl_loss:2.
    995715
155 Epoch:9 batch_num:8 t_c_loss:1.3342497 t_sl_loss:2.
    995715
156 Epoch:9 batch_num:9 t_c_loss:1.2963253 t_sl_loss:2.
    995715
157 Epoch:9 batch_num:10 t_c_loss:1.2936491 t_sl_loss:2.
    995715
158 Epoch:9 batch_num:11 t_c_loss:1.3564504 t_sl_loss:2.
    995715
159 Epoch:9 batch_num:12 t_c_loss:1.4437032 t_sl_loss:2.
    995715
160 Epoch:9 batch_num:13 t_c_loss:1.414282 t_sl_loss:-0.
    0
161 epoch_num:9 accuracy_for_train:0.3218390804597701
162 epoch_num:9 accuracy_for_test:0.24714828897338403
163 Epoch:10 batch_num:0 t_c_loss:1.4592534 t_sl_loss:2.
    995715
164 Epoch:10 batch_num:1 t_c_loss:1.3581973 t_sl_loss:2.
    995715
165 Epoch:10 batch_num:2 t_c_loss:1.354285 t_sl_loss:2.
    995715
166 Epoch:10 batch_num:3 t_c_loss:1.3240526 t_sl_loss:2.
    999729
167 Epoch:10 batch_num:4 t_c_loss:1.3670642 t_sl_loss:2.
    9958458
168 Epoch:10 batch_num:5 t_c_loss:1.3348494 t_sl_loss:2.
    996162
169 Epoch:10 batch_num:6 t_c_loss:1.320989 t_sl_loss:2.
    995715
170 Epoch:10 batch_num:7 t_c_loss:1.3306587 t_sl_loss:2.
    995715
171 Epoch:10 batch_num:8 t_c_loss:1.3042068 t_sl_loss:2.
    995715
172 Epoch:10 batch_num:9 t_c_loss:1.2590342 t_sl_loss:2.
    9957147
173 Epoch:10 batch_num:10 t_c_loss:1.5772183 t_sl_loss:2
    .995715
174 Epoch:10 batch_num:11 t_c_loss:1.3327448 t_sl_loss:2
    .995715
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175 Epoch:10 batch_num:12 t_c_loss:1.301705 t_sl_loss:2.
    995715
176 Epoch:10 batch_num:13 t_c_loss:1.8201127 t_sl_loss:-
    0.0
177 epoch_num:10 accuracy_for_train:0.31417624521072796
178 epoch_num:10 accuracy_for_test:0.2889733840304182
179 Epoch:11 batch_num:0 t_c_loss:1.3738548 t_sl_loss:2.
    995715
180 Epoch:11 batch_num:1 t_c_loss:1.3270317 t_sl_loss:2.
    995715
181 Epoch:11 batch_num:2 t_c_loss:1.4019718 t_sl_loss:3.
    3031108
182 Epoch:11 batch_num:3 t_c_loss:1.3660241 t_sl_loss:2.
    995715
183 Epoch:11 batch_num:4 t_c_loss:1.3341525 t_sl_loss:2.
    995715
184 Epoch:11 batch_num:5 t_c_loss:1.3727986 t_sl_loss:2.
    995715
185 Epoch:11 batch_num:6 t_c_loss:1.4588345 t_sl_loss:2.
    995715
186 Epoch:11 batch_num:7 t_c_loss:1.2948952 t_sl_loss:2.
    995715
187 Epoch:11 batch_num:8 t_c_loss:1.3145565 t_sl_loss:2.
    9957147
188 Epoch:11 batch_num:9 t_c_loss:1.2981229 t_sl_loss:2.
    995715
189 Epoch:11 batch_num:10 t_c_loss:1.3766963 t_sl_loss:2
    .995715
190 Epoch:11 batch_num:11 t_c_loss:1.2734436 t_sl_loss:2
    .995715
191 Epoch:11 batch_num:12 t_c_loss:1.3228142 t_sl_loss:2
    .9957147
192 Epoch:11 batch_num:13 t_c_loss:1.3302798 t_sl_loss:-
    0.0
193 epoch_num:11 accuracy_for_train:0.2950191570881226
194 epoch_num:11 accuracy_for_test:0.24334600760456274
195 Epoch:12 batch_num:0 t_c_loss:1.3293366 t_sl_loss:2.
    995715
196 Epoch:12 batch_num:1 t_c_loss:1.3616886 t_sl_loss:2.
    995715
197 Epoch:12 batch_num:2 t_c_loss:1.3187943 t_sl_loss:2.
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197 9957151
198 Epoch:12 batch_num:3 t_c_loss:1.2516149 t_sl_loss:2.
    995715
199 Epoch:12 batch_num:4 t_c_loss:1.3707813 t_sl_loss:2.
    995715
200 Epoch:12 batch_num:5 t_c_loss:1.3432262 t_sl_loss:2.
    9957147
201 Epoch:12 batch_num:6 t_c_loss:1.3515613 t_sl_loss:2.
    9957154
202 Epoch:12 batch_num:7 t_c_loss:1.2707206 t_sl_loss:2.
    995715
203 Epoch:12 batch_num:8 t_c_loss:1.4834468 t_sl_loss:2.
    995714
204 Epoch:12 batch_num:9 t_c_loss:1.3416127 t_sl_loss:2.
    995715
205 Epoch:12 batch_num:10 t_c_loss:1.411665 t_sl_loss:2.
    995715
206 Epoch:12 batch_num:11 t_c_loss:1.5049058 t_sl_loss:2
    .995715
207 Epoch:12 batch_num:12 t_c_loss:1.3897446 t_sl_loss:2
    .995715
208 Epoch:12 batch_num:13 t_c_loss:1.5140038 t_sl_loss:-
    0.0
209 epoch_num:12 accuracy_for_train:0.28735632183908044
210 epoch_num:12 accuracy_for_test:0.2661596958174905
211 Epoch:13 batch_num:0 t_c_loss:1.3197592 t_sl_loss:2.
    995715
212 Epoch:13 batch_num:1 t_c_loss:1.3193419 t_sl_loss:2.
    9957147
213 Epoch:13 batch_num:2 t_c_loss:1.3345019 t_sl_loss:2.
    995715
214 Epoch:13 batch_num:3 t_c_loss:1.305756 t_sl_loss:2.
    995715
215 Epoch:13 batch_num:4 t_c_loss:1.3140707 t_sl_loss:2.
    995715
216 Epoch:13 batch_num:5 t_c_loss:1.4854618 t_sl_loss:2.
    995715
217 Epoch:13 batch_num:6 t_c_loss:1.3914039 t_sl_loss:2.
    995715
218 Epoch:13 batch_num:7 t_c_loss:1.3424885 t_sl_loss:2.
    995715
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219 Epoch:13 batch_num:8 t_c_loss:1.340913 t_sl_loss:2.
    995715
220 Epoch:13 batch_num:9 t_c_loss:1.3178074 t_sl_loss:2.
    995715
221 Epoch:13 batch_num:10 t_c_loss:1.3683772 t_sl_loss:2
    .995715
222 Epoch:13 batch_num:11 t_c_loss:1.4915135 t_sl_loss:2
    .995715
223 Epoch:13 batch_num:12 t_c_loss:1.3641835 t_sl_loss:2
    .995715
224 Epoch:13 batch_num:13 t_c_loss:1.5587764 t_sl_loss:-
    0.0
225 epoch_num:13 accuracy_for_train:0.2796934865900383
226 epoch_num:13 accuracy_for_test:0.2585551330798479
227 Epoch:14 batch_num:0 t_c_loss:1.367336 t_sl_loss:2.
    995715
228 Epoch:14 batch_num:1 t_c_loss:1.3288629 t_sl_loss:3.
    6241295
229 Epoch:14 batch_num:2 t_c_loss:1.3289136 t_sl_loss:2.
    995715
230 Epoch:14 batch_num:3 t_c_loss:1.3615496 t_sl_loss:2.
    995715
231 Epoch:14 batch_num:4 t_c_loss:1.2725599 t_sl_loss:2.
    995715
232 Epoch:14 batch_num:5 t_c_loss:1.3127328 t_sl_loss:2.
    9957147
233 Epoch:14 batch_num:6 t_c_loss:1.3739326 t_sl_loss:2.
    995715
234 Epoch:14 batch_num:7 t_c_loss:1.4175123 t_sl_loss:7.
    559298
235 Epoch:14 batch_num:8 t_c_loss:1.3621258 t_sl_loss:2.
    995715
236 Epoch:14 batch_num:9 t_c_loss:1.2924355 t_sl_loss:2.
    995715
237 Epoch:14 batch_num:10 t_c_loss:1.3399318 t_sl_loss:2
    .995715
238 Epoch:14 batch_num:11 t_c_loss:1.3688953 t_sl_loss:2
    .995715
239 Epoch:14 batch_num:12 t_c_loss:1.3756782 t_sl_loss:2
    .9957137
240 Epoch:14 batch_num:13 t_c_loss:1.3935024 t_sl_loss:-
```

```
240 0.0
241 epoch_num:14 accuracy_for_train:0.3371647509578544
242 epoch_num:14 accuracy_for_test:0.28517110266159695
243 Epoch:15 batch_num:0 t_c_loss:1.3203902 t_sl_loss:3.
    120611
244 Epoch:15 batch_num:1 t_c_loss:1.2857625 t_sl_loss:2.
    9998176
245 Epoch:15 batch_num:2 t_c_loss:1.3808707 t_sl_loss:2.
    995715
246 Epoch:15 batch_num:3 t_c_loss:1.3561201 t_sl_loss:2.
    995715
247 Epoch:15 batch_num:4 t_c_loss:1.4168823 t_sl_loss:2.
    995715
248 Epoch:15 batch_num:5 t_c_loss:1.3053043 t_sl_loss:2.
    995715
249 Epoch:15 batch_num:6 t_c_loss:1.325307 t_sl_loss:2.
    995715
250 Epoch:15 batch_num:7 t_c_loss:1.3112565 t_sl_loss:2.
    995715
251 Epoch:15 batch_num:8 t_c_loss:1.2707146 t_sl_loss:2.
    995715
252 Epoch:15 batch_num:9 t_c_loss:1.3981751 t_sl_loss:2.
    995715
253 Epoch:15 batch_num:10 t_c_loss:1.2868506 t_sl_loss:2
    .995715
254 Epoch:15 batch_num:11 t_c_loss:1.4769439 t_sl_loss:2
    .995715
255 Epoch:15 batch_num:12 t_c_loss:1.4392592 t_sl_loss:2
    .9957147
256 Epoch:15 batch_num:13 t_c_loss:1.4646162 t_sl_loss:-
    0.0
257 epoch_num:15 accuracy_for_train:0.30268199233716475
258 epoch_num:15 accuracy_for_test:0.27756653992395436
259 Epoch:16 batch_num:0 t_c_loss:1.3437109 t_sl_loss:2.
    995715
260 Epoch:16 batch_num:1 t_c_loss:1.4760678 t_sl_loss:2.
    9958408
261 Epoch:16 batch_num:2 t_c_loss:1.3293439 t_sl_loss:2.
    9957237
262 Epoch:16 batch_num:3 t_c_loss:1.3400221 t_sl_loss:2.
    995715
```

```
263 Epoch:16 batch_num:4 t_c_loss:1.3600974 t_sl_loss:2.
    995715
264 Epoch:16 batch_num:5 t_c_loss:1.3237495 t_sl_loss:2.
    995715
265 Epoch:16 batch_num:6 t_c_loss:1.3368043 t_sl_loss:2.
    9980154
266 Epoch:16 batch_num:7 t_c_loss:1.3142357 t_sl_loss:2.
    995715
267 Epoch:16 batch_num:8 t_c_loss:1.3632474 t_sl_loss:2.
    995715
268 Epoch:16 batch_num:9 t_c_loss:1.4037275 t_sl_loss:2.
    9957147
269 Epoch:16 batch_num:10 t_c_loss:1.3355646 t_sl_loss:2.
    .9974003
270 Epoch:16 batch_num:11 t_c_loss:1.4539117 t_sl_loss:2.
    .995715
271 Epoch:16 batch_num:12 t_c_loss:1.3148878 t_sl_loss:2.
    .995715
272 Epoch:16 batch_num:13 t_c_loss:1.3554777 t_sl_loss:-
    0.0
273 epoch_num:16 accuracy_for_train:0.31417624521072796
274 epoch_num:16 accuracy_for_test:0.311787072243346
275 Epoch:17 batch_num:0 t_c_loss:1.4132702 t_sl_loss:2.
    995715
276 Epoch:17 batch_num:1 t_c_loss:1.3952881 t_sl_loss:2.
    995715
277 Epoch:17 batch_num:2 t_c_loss:1.3217976 t_sl_loss:2.
    995715
278 Epoch:17 batch_num:3 t_c_loss:1.3726822 t_sl_loss:2.
    995715
279 Epoch:17 batch_num:4 t_c_loss:1.3503182 t_sl_loss:2.
    995715
280 Epoch:17 batch_num:5 t_c_loss:1.3656385 t_sl_loss:2.
    995715
281 Epoch:17 batch_num:6 t_c_loss:1.3823321 t_sl_loss:2.
    995715
282 Epoch:17 batch_num:7 t_c_loss:1.3078873 t_sl_loss:2.
    995715
283 Epoch:17 batch_num:8 t_c_loss:1.3790772 t_sl_loss:2.
    995715
284 Epoch:17 batch_num:9 t_c_loss:1.2942269 t_sl_loss:2.
```

```
284 9964495
285 Epoch:17 batch_num:10 t_c_loss:1.3602515 t_sl_loss:2
    .995715
286 Epoch:17 batch_num:11 t_c_loss:1.3674736 t_sl_loss:2
    .995715
287 Epoch:17 batch_num:12 t_c_loss:1.2794229 t_sl_loss:2
    .995715
288 Epoch:17 batch_num:13 t_c_loss:1.5208592 t_sl_loss:-
    0.0
289 epoch_num:17 accuracy_for_train:0.31417624521072796
290 epoch_num:17 accuracy_for_test:0.3155893536121673
291 Epoch:18 batch_num:0 t_c_loss:1.3114293 t_sl_loss:2.
    995715
292 Epoch:18 batch_num:1 t_c_loss:1.2994114 t_sl_loss:2.
    995715
293 Epoch:18 batch_num:2 t_c_loss:1.3547232 t_sl_loss:2.
    995715
294 Epoch:18 batch_num:3 t_c_loss:1.3504741 t_sl_loss:2.
    995715
295 Epoch:18 batch_num:4 t_c_loss:1.3265922 t_sl_loss:2.
    995715
296 Epoch:18 batch_num:5 t_c_loss:1.3351333 t_sl_loss:2.
    995715
297 Epoch:18 batch_num:6 t_c_loss:1.4153732 t_sl_loss:2.
    995715
298 Epoch:18 batch_num:7 t_c_loss:1.3886237 t_sl_loss:2.
    995715
299 Epoch:18 batch_num:8 t_c_loss:1.3362315 t_sl_loss:2.
    995715
300 Epoch:18 batch_num:9 t_c_loss:1.37819 t_sl_loss:2.
    995715
301 Epoch:18 batch_num:10 t_c_loss:1.307492 t_sl_loss:2.
    995715
302 Epoch:18 batch_num:11 t_c_loss:1.385485 t_sl_loss:2.
    995715
303 Epoch:18 batch_num:12 t_c_loss:1.2944282 t_sl_loss:2
    .995715
304 Epoch:18 batch_num:13 t_c_loss:1.3750399 t_sl_loss:-
    0.0
305 epoch_num:18 accuracy_for_train:0.31800766283524906
306 epoch_num:18 accuracy_for_test:0.311787072243346
```

```
307 Epoch:19 batch_num:0 t_c_loss:1.2700893 t_sl_loss:2.
    995715
308 Epoch:19 batch_num:1 t_c_loss:1.3718355 t_sl_loss:2.
    995715
309 Epoch:19 batch_num:2 t_c_loss:1.3528571 t_sl_loss:2.
    9957147
310 Epoch:19 batch_num:3 t_c_loss:1.3455626 t_sl_loss:2.
    995715
311 Epoch:19 batch_num:4 t_c_loss:1.384943 t_sl_loss:2.
    995715
312 Epoch:19 batch_num:5 t_c_loss:1.4812901 t_sl_loss:2.
    995715
313 Epoch:19 batch_num:6 t_c_loss:1.364 t_sl_loss:2.
    995715
314 Epoch:19 batch_num:7 t_c_loss:1.3320668 t_sl_loss:2.
    9957147
315 Epoch:19 batch_num:8 t_c_loss:1.3303752 t_sl_loss:2.
    995715
316 Epoch:19 batch_num:9 t_c_loss:1.2697872 t_sl_loss:2.
    995715
317 Epoch:19 batch_num:10 t_c_loss:1.3870103 t_sl_loss:2
    .9957147
318 Epoch:19 batch_num:11 t_c_loss:1.3278769 t_sl_loss:2
    .995715
319 Epoch:19 batch_num:12 t_c_loss:1.2862029 t_sl_loss:4
    .9101
320 Epoch:19 batch_num:13 t_c_loss:1.5495341 t_sl_loss:-
    0.0
321 epoch_num:19 accuracy_for_train:0.25287356321839083
322 epoch_num:19 accuracy_for_test:0.2509505703422053
323 Epoch:20 batch_num:0 t_c_loss:1.3503039 t_sl_loss:2.
    995715
324 Epoch:20 batch_num:1 t_c_loss:1.5051749 t_sl_loss:2.
    9957159
325 Epoch:20 batch_num:2 t_c_loss:1.4219234 t_sl_loss:2.
    995715
326 Epoch:20 batch_num:3 t_c_loss:1.3799131 t_sl_loss:2.
    995715
327 Epoch:20 batch_num:4 t_c_loss:1.2282803 t_sl_loss:2.
    995715
328 Epoch:20 batch_num:5 t_c_loss:1.3022277 t_sl_loss:2.
```

```
328 995715
329 Epoch:20 batch_num:6 t_c_loss:1.2503035 t_sl_loss:2.
    995715
330 Epoch:20 batch_num:7 t_c_loss:1.3540514 t_sl_loss:2.
    995715
331 Epoch:20 batch_num:8 t_c_loss:1.31279 t_sl_loss:2.
    995715
332 Epoch:20 batch_num:9 t_c_loss:1.3997786 t_sl_loss:2.
    995715
333 Epoch:20 batch_num:10 t_c_loss:1.3251265 t_sl_loss:3
    .260489
334 Epoch:20 batch_num:11 t_c_loss:1.3059108 t_sl_loss:2
    .995715
335 Epoch:20 batch_num:12 t_c_loss:1.4580615 t_sl_loss:2
    .995715
336 Epoch:20 batch_num:13 t_c_loss:1.3380809 t_sl_loss:-
    0.0
337 epoch_num:20 accuracy_for_train:0.2988505747126437
338 epoch_num:20 accuracy_for_test:0.30798479087452474
339 Epoch:21 batch_num:0 t_c_loss:1.3401183 t_sl_loss:2.
    995715
340 Epoch:21 batch_num:1 t_c_loss:1.3154086 t_sl_loss:2.
    995715
341 Epoch:21 batch_num:2 t_c_loss:1.3261424 t_sl_loss:2.
    995715
342 Epoch:21 batch_num:3 t_c_loss:1.309928 t_sl_loss:2.
    995715
343 Epoch:21 batch_num:4 t_c_loss:1.3653003 t_sl_loss:2.
    995715
344 Epoch:21 batch_num:5 t_c_loss:1.3683702 t_sl_loss:2.
    995715
345 Epoch:21 batch_num:6 t_c_loss:1.251129 t_sl_loss:2.
    995715
346 Epoch:21 batch_num:7 t_c_loss:1.6393454 t_sl_loss:2.
    995715
347 Epoch:21 batch_num:8 t_c_loss:1.2922369 t_sl_loss:2.
    995715
348 Epoch:21 batch_num:9 t_c_loss:1.3917838 t_sl_loss:2.
    995715
349 Epoch:21 batch_num:10 t_c_loss:1.3802502 t_sl_loss:2
    .995715
```



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350 Epoch:21 batch_num:11 t_c_loss:1.2930592 t_sl_loss:2.995715
351 Epoch:21 batch_num:12 t_c_loss:1.294428 t_sl_loss:2.9957163
352 Epoch:21 batch_num:13 t_c_loss:1.2425742 t_sl_loss:-0.0
353 epoch_num:21 accuracy_for_train:0.3218390804597701
354 epoch_num:21 accuracy_for_test:0.3231939163498099
355 Epoch:22 batch_num:0 t_c_loss:1.3718971 t_sl_loss:2.995715
356 Epoch:22 batch_num:1 t_c_loss:1.3159388 t_sl_loss:2.995715
357 Epoch:22 batch_num:2 t_c_loss:1.5719551 t_sl_loss:2.995715
358 Epoch:22 batch_num:3 t_c_loss:1.4685522 t_sl_loss:6.0990243
359 Epoch:22 batch_num:4 t_c_loss:1.3928709 t_sl_loss:3.755096
360 Epoch:22 batch_num:5 t_c_loss:1.4347178 t_sl_loss:2.995715
361 Epoch:22 batch_num:6 t_c_loss:1.25408 t_sl_loss:2.995715
362 Epoch:22 batch_num:7 t_c_loss:1.2851146 t_sl_loss:2.995715
363 Epoch:22 batch_num:8 t_c_loss:1.3870101 t_sl_loss:2.995715
364 Epoch:22 batch_num:9 t_c_loss:1.3069354 t_sl_loss:2.995715
365 Epoch:22 batch_num:10 t_c_loss:1.278671 t_sl_loss:2.995715
366 Epoch:22 batch_num:11 t_c_loss:1.2737913 t_sl_loss:2.995715
367 Epoch:22 batch_num:12 t_c_loss:1.2101637 t_sl_loss:2.995715
368 Epoch:22 batch_num:13 t_c_loss:1.3948705 t_sl_loss:-0.0
369 epoch_num:22 accuracy_for_train:0.24904214559386972
370 epoch_num:22 accuracy_for_test:0.24714828897338403
371 Epoch:23 batch_num:0 t_c_loss:1.2177213 t_sl_loss:2.995715
372 Epoch:23 batch_num:1 t_c_loss:1.3718107 t_sl_loss:2.
```

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372 995715
373 Epoch:23 batch_num:2 t_c_loss:1.3592347 t_sl_loss:2.
    995715
374 Epoch:23 batch_num:3 t_c_loss:1.2989002 t_sl_loss:2.
    995715
375 Epoch:23 batch_num:4 t_c_loss:1.3321958 t_sl_loss:2.
    995715
376 Epoch:23 batch_num:5 t_c_loss:1.4017209 t_sl_loss:2.
    995715
377 Epoch:23 batch_num:6 t_c_loss:1.375445 t_sl_loss:2.
    9957147
378 Epoch:23 batch_num:7 t_c_loss:1.2903883 t_sl_loss:5.
    597996
379 Epoch:23 batch_num:8 t_c_loss:1.4385674 t_sl_loss:2.
    9957147
380 Epoch:23 batch_num:9 t_c_loss:1.2876279 t_sl_loss:2.
    995715
381 Epoch:23 batch_num:10 t_c_loss:1.2676165 t_sl_loss:2
    .995715
382 Epoch:23 batch_num:11 t_c_loss:1.2521513 t_sl_loss:2
    .995715
383 Epoch:23 batch_num:12 t_c_loss:1.3742689 t_sl_loss:2
    .995715
384 Epoch:23 batch_num:13 t_c_loss:1.2775674 t_sl_loss:-
    0.0
385 epoch_num:23 accuracy_for_train:0.24904214559386972
386 epoch_num:23 accuracy_for_test:0.24714828897338403
387 Epoch:24 batch_num:0 t_c_loss:1.3560622 t_sl_loss:2.
    995715
388 Epoch:24 batch_num:1 t_c_loss:1.4417844 t_sl_loss:2.
    995715
389 Epoch:24 batch_num:2 t_c_loss:1.259206 t_sl_loss:2.
    995715
390 Epoch:24 batch_num:3 t_c_loss:1.3238225 t_sl_loss:2.
    995715
391 Epoch:24 batch_num:4 t_c_loss:1.2920775 t_sl_loss:2.
    995715
392 Epoch:24 batch_num:5 t_c_loss:1.2685531 t_sl_loss:2.
    995715
393 Epoch:24 batch_num:6 t_c_loss:1.2887329 t_sl_loss:2.
    995715
```

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394 Epoch:24 batch_num:7 t_c_loss:1.3519689 t_sl_loss:2.
    995715
395 Epoch:24 batch_num:8 t_c_loss:1.4680362 t_sl_loss:2.
    995715
396 Epoch:24 batch_num:9 t_c_loss:1.3200276 t_sl_loss:2.
    995715
397 Epoch:24 batch_num:10 t_c_loss:1.286872 t_sl_loss:2.
    995715
398 Epoch:24 batch_num:11 t_c_loss:1.2776244 t_sl_loss:2
    .995715
399 Epoch:24 batch_num:12 t_c_loss:1.2808082 t_sl_loss:2
    .995715
400 Epoch:24 batch_num:13 t_c_loss:1.7959843 t_sl_loss:-
    0.0
401 epoch_num:24 accuracy_for_train:0.30268199233716475
402 epoch_num:24 accuracy_for_test:0.26996197718631176
403 Epoch:25 batch_num:0 t_c_loss:1.2600085 t_sl_loss:2.
    995715
404 Epoch:25 batch_num:1 t_c_loss:1.3803214 t_sl_loss:2.
    995715
405 Epoch:25 batch_num:2 t_c_loss:1.3780116 t_sl_loss:2.
    995715
406 Epoch:25 batch_num:3 t_c_loss:1.3209068 t_sl_loss:2.
    995715
407 Epoch:25 batch_num:4 t_c_loss:1.290334 t_sl_loss:2.
    995715
408 Epoch:25 batch_num:5 t_c_loss:1.4219075 t_sl_loss:2.
    995715
409 Epoch:25 batch_num:6 t_c_loss:1.3004243 t_sl_loss:2.
    995715
410 Epoch:25 batch_num:7 t_c_loss:1.2543399 t_sl_loss:2.
    995715
411 Epoch:25 batch_num:8 t_c_loss:1.2329115 t_sl_loss:2.
    995715
412 Epoch:25 batch_num:9 t_c_loss:1.2216241 t_sl_loss:2.
    995715
413 Epoch:25 batch_num:10 t_c_loss:1.2841737 t_sl_loss:2
    .995715
414 Epoch:25 batch_num:11 t_c_loss:1.397278 t_sl_loss:2.
    995715
415 Epoch:25 batch_num:12 t_c_loss:1.3097541 t_sl_loss:2
```

```
415 .995715
416 Epoch:25 batch_num:13 t_c_loss:1.5565443 t_sl_loss:-
    0.0
417 epoch_num:25 accuracy_for_train:0.3065134099616858
418 epoch_num:25 accuracy_for_test:0.30798479087452474
419 Epoch:26 batch_num:0 t_c_loss:1.3095658 t_sl_loss:2.
    995715
420 Epoch:26 batch_num:1 t_c_loss:1.2361234 t_sl_loss:2.
    995715
421 Epoch:26 batch_num:2 t_c_loss:1.3681715 t_sl_loss:2.
    995715
422 Epoch:26 batch_num:3 t_c_loss:1.2422253 t_sl_loss:2.
    995715
423 Epoch:26 batch_num:4 t_c_loss:1.3569387 t_sl_loss:2.
    995715
424 Epoch:26 batch_num:5 t_c_loss:1.326484 t_sl_loss:2.
    995715
425 Epoch:26 batch_num:6 t_c_loss:1.2557926 t_sl_loss:2.
    995715
426 Epoch:26 batch_num:7 t_c_loss:1.1668411 t_sl_loss:2.
    995715
427 Epoch:26 batch_num:8 t_c_loss:1.3486143 t_sl_loss:2.
    995715
428 Epoch:26 batch_num:9 t_c_loss:1.358418 t_sl_loss:2.
    995715
429 Epoch:26 batch_num:10 t_c_loss:1.4578617 t_sl_loss:2
    .995715
430 Epoch:26 batch_num:11 t_c_loss:1.2585691 t_sl_loss:2
    .995715
431 Epoch:26 batch_num:12 t_c_loss:1.3090175 t_sl_loss:2
    .995715
432 Epoch:26 batch_num:13 t_c_loss:1.4053847 t_sl_loss:-
    0.0
433 epoch_num:26 accuracy_for_train:0.29118773946360155
434 epoch_num:26 accuracy_for_test:0.3193916349809886
435 Epoch:27 batch_num:0 t_c_loss:1.225731 t_sl_loss:2.
    995715
436 Epoch:27 batch_num:1 t_c_loss:1.2037541 t_sl_loss:2.
    995715
437 Epoch:27 batch_num:2 t_c_loss:1.44785 t_sl_loss:2.
    995715
```

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438 Epoch:27 batch_num:3 t_c_loss:1.2777154 t_sl_loss:2.
    995715
439 Epoch:27 batch_num:4 t_c_loss:1.3964412 t_sl_loss:2.
    995715
440 Epoch:27 batch_num:5 t_c_loss:1.3054987 t_sl_loss:2.
    995715
441 Epoch:27 batch_num:6 t_c_loss:1.3950024 t_sl_loss:2.
    995715
442 Epoch:27 batch_num:7 t_c_loss:1.2343528 t_sl_loss:2.
    995715
443 Epoch:27 batch_num:8 t_c_loss:1.4092368 t_sl_loss:2.
    995715
444 Epoch:27 batch_num:9 t_c_loss:1.4109504 t_sl_loss:2.
    995715
445 Epoch:27 batch_num:10 t_c_loss:1.2210329 t_sl_loss:2
    .995715
446 Epoch:27 batch_num:11 t_c_loss:1.361181 t_sl_loss:2.
    995715
447 Epoch:27 batch_num:12 t_c_loss:1.317651 t_sl_loss:2.
    995715
448 Epoch:27 batch_num:13 t_c_loss:1.3525194 t_sl_loss:-
    0.0
449 epoch_num:27 accuracy_for_train:0.30268199233716475
450 epoch_num:27 accuracy_for_test:0.33079847908745247
451 Epoch:28 batch_num:0 t_c_loss:1.2403204 t_sl_loss:2.
    995715
452 Epoch:28 batch_num:1 t_c_loss:1.2906992 t_sl_loss:2.
    995715
453 Epoch:28 batch_num:2 t_c_loss:1.3581408 t_sl_loss:2.
    995715
454 Epoch:28 batch_num:3 t_c_loss:1.2509103 t_sl_loss:2.
    995715
455 Epoch:28 batch_num:4 t_c_loss:1.2808721 t_sl_loss:2.
    995715
456 Epoch:28 batch_num:5 t_c_loss:1.4424603 t_sl_loss:2.
    995715
457 Epoch:28 batch_num:6 t_c_loss:1.2407416 t_sl_loss:2.
    995715
458 Epoch:28 batch_num:7 t_c_loss:1.2255837 t_sl_loss:2.
    995715
459 Epoch:28 batch_num:8 t_c_loss:1.4316504 t_sl_loss:2.
```

```
459 995715
460 Epoch:28 batch_num:9 t_c_loss:1.3481573 t_sl_loss:2.
    995715
461 Epoch:28 batch_num:10 t_c_loss:1.2292064 t_sl_loss:2
    .995715
462 Epoch:28 batch_num:11 t_c_loss:1.3706462 t_sl_loss:2
    .995715
463 Epoch:28 batch_num:12 t_c_loss:1.348007 t_sl_loss:2.
    995715
464 Epoch:28 batch_num:13 t_c_loss:1.3798081 t_sl_loss:-
    0.0
465 epoch_num:28 accuracy_for_train:0.31417624521072796
466 epoch_num:28 accuracy_for_test:0.3155893536121673
467 Epoch:29 batch_num:0 t_c_loss:1.2924219 t_sl_loss:2.
    995715
468 Epoch:29 batch_num:1 t_c_loss:1.3683847 t_sl_loss:2.
    995715
469 Epoch:29 batch_num:2 t_c_loss:1.3295201 t_sl_loss:2.
    995715
470 Epoch:29 batch_num:3 t_c_loss:1.324447 t_sl_loss:2.
    995715
471 Epoch:29 batch_num:4 t_c_loss:1.3044355 t_sl_loss:2.
    995715
472 Epoch:29 batch_num:5 t_c_loss:1.3186877 t_sl_loss:2.
    995715
473 Epoch:29 batch_num:6 t_c_loss:1.2842162 t_sl_loss:2.
    995715
474 Epoch:29 batch_num:7 t_c_loss:1.2013714 t_sl_loss:2.
    995715
475 Epoch:29 batch_num:8 t_c_loss:1.2529371 t_sl_loss:2.
    995715
476 Epoch:29 batch_num:9 t_c_loss:1.3211728 t_sl_loss:2.
    995715
477 Epoch:29 batch_num:10 t_c_loss:1.2463343 t_sl_loss:2
    .995715
478 Epoch:29 batch_num:11 t_c_loss:1.2802664 t_sl_loss:2
    .995715
479 Epoch:29 batch_num:12 t_c_loss:1.1856644 t_sl_loss:2
    .995715
480 Epoch:29 batch_num:13 t_c_loss:1.2418337 t_sl_loss:-
    0.0
```

```
481 epoch_num:29 accuracy_for_train:0.32950191570881227
482 epoch_num:29 accuracy_for_test:0.311787072243346
483 Epoch:30 batch_num:0 t_c_loss:1.4179913 t_sl_loss:2.
    995715
484 Epoch:30 batch_num:1 t_c_loss:1.2725692 t_sl_loss:2.
    995715
485 Epoch:30 batch_num:2 t_c_loss:1.2650695 t_sl_loss:2.
    995715
486 Epoch:30 batch_num:3 t_c_loss:1.2664113 t_sl_loss:2.
    995715
487 Epoch:30 batch_num:4 t_c_loss:1.3422658 t_sl_loss:2.
    995715
488 Epoch:30 batch_num:5 t_c_loss:1.2506839 t_sl_loss:2.
    995715
489 Epoch:30 batch_num:6 t_c_loss:1.1517067 t_sl_loss:2.
    995715
490 Epoch:30 batch_num:7 t_c_loss:1.2096407 t_sl_loss:2.
    995715
491 Epoch:30 batch_num:8 t_c_loss:1.353799 t_sl_loss:2.
    995715
492 Epoch:30 batch_num:9 t_c_loss:1.3056266 t_sl_loss:2.
    995715
493 Epoch:30 batch_num:10 t_c_loss:1.4899077 t_sl_loss:2.
    .995715
494 Epoch:30 batch_num:11 t_c_loss:1.3886366 t_sl_loss:2.
    .995715
495 Epoch:30 batch_num:12 t_c_loss:1.357754 t_sl_loss:2.
    995715
496 Epoch:30 batch_num:13 t_c_loss:1.3798425 t_sl_loss:-
    0.0
497 epoch_num:30 accuracy_for_train:0.24521072796934865
498 epoch_num:30 accuracy_for_test:0.2585551330798479
499 Epoch:31 batch_num:0 t_c_loss:1.2388798 t_sl_loss:2.
    995715
500 Epoch:31 batch_num:1 t_c_loss:1.259688 t_sl_loss:2.
    995715
501 Epoch:31 batch_num:2 t_c_loss:1.5043542 t_sl_loss:2.
    995715
502 Epoch:31 batch_num:3 t_c_loss:1.2994571 t_sl_loss:2.
    995715
503 Epoch:31 batch_num:4 t_c_loss:1.2759446 t_sl_loss:2.
```

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503 995715
504 Epoch:31 batch_num:5 t_c_loss:1.2701775 t_sl_loss:2.
    9957147
505 Epoch:31 batch_num:6 t_c_loss:1.292338 t_sl_loss:2.
    995715
506 Epoch:31 batch_num:7 t_c_loss:1.2674668 t_sl_loss:2.
    9957147
507 Epoch:31 batch_num:8 t_c_loss:1.2457871 t_sl_loss:2.
    995715
508 Epoch:31 batch_num:9 t_c_loss:1.4377595 t_sl_loss:2.
    995715
509 Epoch:31 batch_num:10 t_c_loss:1.3696125 t_sl_loss:2.
    .995715
510 Epoch:31 batch_num:11 t_c_loss:1.2678969 t_sl_loss:2.
    .995715
511 Epoch:31 batch_num:12 t_c_loss:1.3110584 t_sl_loss:2.
    .995715
512 Epoch:31 batch_num:13 t_c_loss:1.2516028 t_sl_loss:-
    0.0
513 epoch_num:31 accuracy_for_train:0.28735632183908044
514 epoch_num:31 accuracy_for_test:0.3193916349809886
515 Epoch:32 batch_num:0 t_c_loss:1.4095163 t_sl_loss:2.
    995715
516 Epoch:32 batch_num:1 t_c_loss:1.2872207 t_sl_loss:2.
    995715
517 Epoch:32 batch_num:2 t_c_loss:1.2372067 t_sl_loss:2.
    995715
518 Epoch:32 batch_num:3 t_c_loss:1.2289113 t_sl_loss:2.
    995715
519 Epoch:32 batch_num:4 t_c_loss:1.2093757 t_sl_loss:2.
    995715
520 Epoch:32 batch_num:5 t_c_loss:1.4818506 t_sl_loss:2.
    995715
521 Epoch:32 batch_num:6 t_c_loss:1.3894464 t_sl_loss:2.
    995715
522 Epoch:32 batch_num:7 t_c_loss:1.3597174 t_sl_loss:2.
    995715
523 Epoch:32 batch_num:8 t_c_loss:1.3803178 t_sl_loss:2.
    995715
524 Epoch:32 batch_num:9 t_c_loss:1.3177661 t_sl_loss:2.
    995715
```



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525 Epoch:32 batch_num:10 t_c_loss:1.3082216 t_sl_loss:2
    .995715
526 Epoch:32 batch_num:11 t_c_loss:1.2876108 t_sl_loss:2
    .995715
527 Epoch:32 batch_num:12 t_c_loss:1.2569511 t_sl_loss:2
    .995715
528 Epoch:32 batch_num:13 t_c_loss:1.7125582 t_sl_loss:-
    0.0
529 epoch_num:32 accuracy_for_train:0.30268199233716475
530 epoch_num:32 accuracy_for_test:0.2661596958174905
531 Epoch:33 batch_num:0 t_c_loss:1.233647 t_sl_loss:2.
    995715
532 Epoch:33 batch_num:1 t_c_loss:1.3449715 t_sl_loss:2.
    995715
533 Epoch:33 batch_num:2 t_c_loss:1.3325628 t_sl_loss:2.
    995715
534 Epoch:33 batch_num:3 t_c_loss:1.2938826 t_sl_loss:2.
    995715
535 Epoch:33 batch_num:4 t_c_loss:1.2631656 t_sl_loss:2.
    995715
536 Epoch:33 batch_num:5 t_c_loss:1.2708005 t_sl_loss:2.
    995715
537 Epoch:33 batch_num:6 t_c_loss:1.2934027 t_sl_loss:2.
    995715
538 Epoch:33 batch_num:7 t_c_loss:1.341763 t_sl_loss:2.
    995715
539 Epoch:33 batch_num:8 t_c_loss:1.2594706 t_sl_loss:2.
    995715
540 Epoch:33 batch_num:9 t_c_loss:1.1907911 t_sl_loss:2.
    995715
541 Epoch:33 batch_num:10 t_c_loss:1.3325548 t_sl_loss:2
    .995715
542 Epoch:33 batch_num:11 t_c_loss:1.2838976 t_sl_loss:2
    .995715
543 Epoch:33 batch_num:12 t_c_loss:1.3286195 t_sl_loss:2
    .995715
544 Epoch:33 batch_num:13 t_c_loss:1.5364192 t_sl_loss:-
    0.0
545 epoch_num:33 accuracy_for_train:0.29118773946360155
546 epoch_num:33 accuracy_for_test:0.2623574144486692
547 Epoch:34 batch_num:0 t_c_loss:1.502091 t_sl_loss:2.
```

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547 995715
548 Epoch:34 batch_num:1 t_c_loss:1.264428 t_sl_loss:2.
    995715
549 Epoch:34 batch_num:2 t_c_loss:1.3712199 t_sl_loss:2.
    995715
550 Epoch:34 batch_num:3 t_c_loss:1.2633756 t_sl_loss:2.
    995715
551 Epoch:34 batch_num:4 t_c_loss:1.1879566 t_sl_loss:2.
    995715
552 Epoch:34 batch_num:5 t_c_loss:1.3302635 t_sl_loss:2.
    995715
553 Epoch:34 batch_num:6 t_c_loss:1.191919 t_sl_loss:2.
    995715
554 Epoch:34 batch_num:7 t_c_loss:1.2190672 t_sl_loss:2.
    995715
555 Epoch:34 batch_num:8 t_c_loss:1.3314627 t_sl_loss:2.
    995715
556 Epoch:34 batch_num:9 t_c_loss:1.3155811 t_sl_loss:2.
    995715
557 Epoch:34 batch_num:10 t_c_loss:1.4424456 t_sl_loss:2
    .995715
558 Epoch:34 batch_num:11 t_c_loss:1.2314478 t_sl_loss:2
    .995715
559 Epoch:34 batch_num:12 t_c_loss:1.450483 t_sl_loss:2.
    995715
560 Epoch:34 batch_num:13 t_c_loss:1.3444717 t_sl_loss:-
    0.0
561 epoch_num:34 accuracy_for_train:0.3333333333333333
562 epoch_num:34 accuracy_for_test:0.3193916349809886
563 Epoch:35 batch_num:0 t_c_loss:1.242661 t_sl_loss:2.
    995715
564 Epoch:35 batch_num:1 t_c_loss:1.2355058 t_sl_loss:2.
    995715
565 Epoch:35 batch_num:2 t_c_loss:1.3864038 t_sl_loss:2.
    995715
566 Epoch:35 batch_num:3 t_c_loss:1.172368 t_sl_loss:2.
    995715
567 Epoch:35 batch_num:4 t_c_loss:1.497337 t_sl_loss:2.
    995715
568 Epoch:35 batch_num:5 t_c_loss:1.3470986 t_sl_loss:2.
    995715
```

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569 Epoch:35 batch_num:6 t_c_loss:1.2856606 t_sl_loss:2.
    995715
570 Epoch:35 batch_num:7 t_c_loss:1.2783623 t_sl_loss:2.
    995715
571 Epoch:35 batch_num:8 t_c_loss:1.271817 t_sl_loss:2.
    995715
572 Epoch:35 batch_num:9 t_c_loss:1.2560827 t_sl_loss:2.
    995715
573 Epoch:35 batch_num:10 t_c_loss:1.2362608 t_sl_loss:2
    .995715
574 Epoch:35 batch_num:11 t_c_loss:1.2897515 t_sl_loss:2
    .995715
575 Epoch:35 batch_num:12 t_c_loss:1.3132298 t_sl_loss:2
    .995715
576 Epoch:35 batch_num:13 t_c_loss:1.3881694 t_sl_loss:-
    0.0
577 epoch_num:35 accuracy_for_train:0.32567049808429116
578 epoch_num:35 accuracy_for_test:0.311787072243346
579 Epoch:36 batch_num:0 t_c_loss:1.2575756 t_sl_loss:2.
    995715
580 Epoch:36 batch_num:1 t_c_loss:1.3796295 t_sl_loss:2.
    995715
581 Epoch:36 batch_num:2 t_c_loss:1.1738456 t_sl_loss:2.
    995715
582 Epoch:36 batch_num:3 t_c_loss:1.2757442 t_sl_loss:2.
    995715
583 Epoch:36 batch_num:4 t_c_loss:1.1950215 t_sl_loss:2.
    995715
584 Epoch:36 batch_num:5 t_c_loss:1.293248 t_sl_loss:2.
    995715
585 Epoch:36 batch_num:6 t_c_loss:1.4126309 t_sl_loss:2.
    995715
586 Epoch:36 batch_num:7 t_c_loss:1.1956081 t_sl_loss:2.
    995715
587 Epoch:36 batch_num:8 t_c_loss:1.2963912 t_sl_loss:2.
    995715
588 Epoch:36 batch_num:9 t_c_loss:1.3172448 t_sl_loss:2.
    995715
589 Epoch:36 batch_num:10 t_c_loss:1.2460562 t_sl_loss:2
    .995715
590 Epoch:36 batch_num:11 t_c_loss:1.3509145 t_sl_loss:2
```

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590 .995715
591 Epoch:36 batch_num:12 t_c_loss:1.4582407 t_sl_loss:2.
    .995715
592 Epoch:36 batch_num:13 t_c_loss:1.2959901 t_sl_loss:-
    0.0
593 epoch_num:36 accuracy_for_train:0.3486590038314176
594 epoch_num:36 accuracy_for_test:0.2889733840304182
595 Epoch:37 batch_num:0 t_c_loss:1.407552 t_sl_loss:2.
    995715
596 Epoch:37 batch_num:1 t_c_loss:1.4621619 t_sl_loss:2.
    995715
597 Epoch:37 batch_num:2 t_c_loss:1.3686693 t_sl_loss:2.
    995715
598 Epoch:37 batch_num:3 t_c_loss:1.2387893 t_sl_loss:2.
    995715
599 Epoch:37 batch_num:4 t_c_loss:1.3086102 t_sl_loss:2.
    995715
600 Epoch:37 batch_num:5 t_c_loss:1.2457358 t_sl_loss:2.
    995715
601 Epoch:37 batch_num:6 t_c_loss:1.3723685 t_sl_loss:2.
    995715
602 Epoch:37 batch_num:7 t_c_loss:1.2532686 t_sl_loss:2.
    995715
603 Epoch:37 batch_num:8 t_c_loss:1.2995675 t_sl_loss:2.
    995715
604 Epoch:37 batch_num:9 t_c_loss:1.3282323 t_sl_loss:2.
    995715
605 Epoch:37 batch_num:10 t_c_loss:1.238062 t_sl_loss:2.
    995715
606 Epoch:37 batch_num:11 t_c_loss:1.317898 t_sl_loss:2.
    995715
607 Epoch:37 batch_num:12 t_c_loss:1.428369 t_sl_loss:2.
    995715
608 Epoch:37 batch_num:13 t_c_loss:1.6994963 t_sl_loss:-
    0.0
609 epoch_num:37 accuracy_for_train:0.34099616858237547
610 epoch_num:37 accuracy_for_test:0.30038022813688214
611 Epoch:38 batch_num:0 t_c_loss:1.1892822 t_sl_loss:2.
    995715
612 Epoch:38 batch_num:1 t_c_loss:1.3265231 t_sl_loss:2.
    995715
```

```
613 Epoch:38 batch_num:2 t_c_loss:1.3254783 t_sl_loss:2.
    995715
614 Epoch:38 batch_num:3 t_c_loss:1.253727 t_sl_loss:2.
    995715
615 Epoch:38 batch_num:4 t_c_loss:1.2731127 t_sl_loss:2.
    995715
616 Epoch:38 batch_num:5 t_c_loss:1.2593644 t_sl_loss:2.
    995715
617 Epoch:38 batch_num:6 t_c_loss:1.3316839 t_sl_loss:2.
    995715
618 Epoch:38 batch_num:7 t_c_loss:1.2848723 t_sl_loss:2.
    995715
619 Epoch:38 batch_num:8 t_c_loss:1.4682555 t_sl_loss:2.
    995715
620 Epoch:38 batch_num:9 t_c_loss:1.2557466 t_sl_loss:2.
    995715
621 Epoch:38 batch_num:10 t_c_loss:1.2305242 t_sl_loss:2
    .995715
622 Epoch:38 batch_num:11 t_c_loss:1.3268543 t_sl_loss:2
    .995715
623 Epoch:38 batch_num:12 t_c_loss:1.2053051 t_sl_loss:2
    .995715
624 Epoch:38 batch_num:13 t_c_loss:1.3500798 t_sl_loss:-
    0.0
625 epoch_num:38 accuracy_for_train:0.34099616858237547
626 epoch_num:38 accuracy_for_test:0.2965779467680608
627 Epoch:39 batch_num:0 t_c_loss:1.323743 t_sl_loss:2.
    995715
628 Epoch:39 batch_num:1 t_c_loss:1.3870666 t_sl_loss:2.
    995715
629 Epoch:39 batch_num:2 t_c_loss:1.2876856 t_sl_loss:2.
    995715
630 Epoch:39 batch_num:3 t_c_loss:1.3441644 t_sl_loss:2.
    995715
631 Epoch:39 batch_num:4 t_c_loss:1.2416735 t_sl_loss:2.
    995715
632 Epoch:39 batch_num:5 t_c_loss:1.2362919 t_sl_loss:2.
    995715
633 Epoch:39 batch_num:6 t_c_loss:1.2508148 t_sl_loss:2.
    995715
634 Epoch:39 batch_num:7 t_c_loss:1.3032806 t_sl_loss:2.
```

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634 995715
635 Epoch:39 batch_num:8 t_c_loss:1.2825538 t_sl_loss:2.
    995715
636 Epoch:39 batch_num:9 t_c_loss:1.3047173 t_sl_loss:2.
    995715
637 Epoch:39 batch_num:10 t_c_loss:1.2658709 t_sl_loss:2
    .995715
638 Epoch:39 batch_num:11 t_c_loss:1.244155 t_sl_loss:2.
    995715
639 Epoch:39 batch_num:12 t_c_loss:1.4010317 t_sl_loss:2
    .995715
640 Epoch:39 batch_num:13 t_c_loss:1.5221022 t_sl_loss:-
    0.0
641 epoch_num:39 accuracy_for_train:0.32950191570881227
642 epoch_num:39 accuracy_for_test:0.30038022813688214
643 Epoch:40 batch_num:0 t_c_loss:1.4146705 t_sl_loss:2.
    995715
644 Epoch:40 batch_num:1 t_c_loss:1.3092649 t_sl_loss:2.
    995715
645 Epoch:40 batch_num:2 t_c_loss:1.2703812 t_sl_loss:2.
    995715
646 Epoch:40 batch_num:3 t_c_loss:1.2458683 t_sl_loss:2.
    995715
647 Epoch:40 batch_num:4 t_c_loss:1.2439767 t_sl_loss:2.
    995715
648 Epoch:40 batch_num:5 t_c_loss:1.3758528 t_sl_loss:2.
    995715
649 Epoch:40 batch_num:6 t_c_loss:1.580067 t_sl_loss:2.
    995715
650 Epoch:40 batch_num:7 t_c_loss:1.2881368 t_sl_loss:2.
    995715
651 Epoch:40 batch_num:8 t_c_loss:1.2343447 t_sl_loss:2.
    995715
652 Epoch:40 batch_num:9 t_c_loss:1.2066458 t_sl_loss:2.
    995715
653 Epoch:40 batch_num:10 t_c_loss:1.3199198 t_sl_loss:2
    .995715
654 Epoch:40 batch_num:11 t_c_loss:1.3657448 t_sl_loss:2
    .995715
655 Epoch:40 batch_num:12 t_c_loss:1.3015484 t_sl_loss:2
    .995715
```

```
656 Epoch:40 batch_num:13 t_c_loss:1.4194653 t_sl_loss:-  
    0.0  
657 epoch_num:40 accuracy_for_train:0.32567049808429116  
658 epoch_num:40 accuracy_for_test:0.2965779467680608  
659 Epoch:41 batch_num:0 t_c_loss:1.3506949 t_sl_loss:2.  
    995715  
660 Epoch:41 batch_num:1 t_c_loss:1.1420835 t_sl_loss:2.  
    995715  
661 Epoch:41 batch_num:2 t_c_loss:1.3428214 t_sl_loss:2.  
    995715  
662 Epoch:41 batch_num:3 t_c_loss:1.4472648 t_sl_loss:2.  
    995715  
663 Epoch:41 batch_num:4 t_c_loss:1.283753 t_sl_loss:2.  
    995715  
664 Epoch:41 batch_num:5 t_c_loss:1.2989155 t_sl_loss:2.  
    995715  
665 Epoch:41 batch_num:6 t_c_loss:1.2948463 t_sl_loss:2.  
    995715  
666 Epoch:41 batch_num:7 t_c_loss:1.222602 t_sl_loss:2.  
    995715  
667 Epoch:41 batch_num:8 t_c_loss:1.272528 t_sl_loss:2.  
    995715  
668 Epoch:41 batch_num:9 t_c_loss:1.4148867 t_sl_loss:2.  
    995715  
669 Epoch:41 batch_num:10 t_c_loss:1.3646262 t_sl_loss:2  
    .995715  
670 Epoch:41 batch_num:11 t_c_loss:1.4154654 t_sl_loss:2  
    .995715  
671 Epoch:41 batch_num:12 t_c_loss:1.2418383 t_sl_loss:2  
    .995715  
672 Epoch:41 batch_num:13 t_c_loss:1.6200838 t_sl_loss:-  
    0.0  
673 epoch_num:41 accuracy_for_train:0.32950191570881227  
674 epoch_num:41 accuracy_for_test:0.3269961977186312  
675 Epoch:42 batch_num:0 t_c_loss:1.3312943 t_sl_loss:2.  
    995715  
676 Epoch:42 batch_num:1 t_c_loss:1.3483869 t_sl_loss:2.  
    995715  
677 Epoch:42 batch_num:2 t_c_loss:1.3503087 t_sl_loss:2.  
    995715  
678 Epoch:42 batch_num:3 t_c_loss:1.2740147 t_sl_loss:2.
```

```
678 995715
679 Epoch:42 batch_num:4 t_c_loss:1.2530838 t_sl_loss:2.
    995715
680 Epoch:42 batch_num:5 t_c_loss:1.26661 t_sl_loss:2.
    995715
681 Epoch:42 batch_num:6 t_c_loss:1.2863724 t_sl_loss:2.
    995715
682 Epoch:42 batch_num:7 t_c_loss:1.2629187 t_sl_loss:2.
    995715
683 Epoch:42 batch_num:8 t_c_loss:1.2966459 t_sl_loss:2.
    995715
684 Epoch:42 batch_num:9 t_c_loss:1.3878714 t_sl_loss:2.
    995715
685 Epoch:42 batch_num:10 t_c_loss:1.303103 t_sl_loss:2.
    995715
686 Epoch:42 batch_num:11 t_c_loss:1.3157626 t_sl_loss:2
    .995715
687 Epoch:42 batch_num:12 t_c_loss:1.193073 t_sl_loss:2.
    995715
688 Epoch:42 batch_num:13 t_c_loss:1.3601557 t_sl_loss:-
    0.0
689 epoch_num:42 accuracy_for_train:0.32950191570881227
690 epoch_num:42 accuracy_for_test:0.3269961977186312
691 Epoch:43 batch_num:0 t_c_loss:1.4270434 t_sl_loss:2.
    995715
692 Epoch:43 batch_num:1 t_c_loss:1.2208054 t_sl_loss:2.
    995715
693 Epoch:43 batch_num:2 t_c_loss:1.2245756 t_sl_loss:2.
    995715
694 Epoch:43 batch_num:3 t_c_loss:1.3580326 t_sl_loss:2.
    995715
695 Epoch:43 batch_num:4 t_c_loss:1.2789062 t_sl_loss:2.
    995715
696 Epoch:43 batch_num:5 t_c_loss:1.2691537 t_sl_loss:2.
    995715
697 Epoch:43 batch_num:6 t_c_loss:1.2191745 t_sl_loss:2.
    995715
698 Epoch:43 batch_num:7 t_c_loss:1.2801036 t_sl_loss:2.
    995715
699 Epoch:43 batch_num:8 t_c_loss:1.2163583 t_sl_loss:2.
    995715
```



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700 Epoch:43 batch_num:9 t_c_loss:1.3606242 t_sl_loss:2.
    995715
701 Epoch:43 batch_num:10 t_c_loss:1.2524272 t_sl_loss:2
    .995715
702 Epoch:43 batch_num:11 t_c_loss:1.4424161 t_sl_loss:2
    .995715
703 Epoch:43 batch_num:12 t_c_loss:1.2936618 t_sl_loss:2
    .995715
704 Epoch:43 batch_num:13 t_c_loss:1.5337846 t_sl_loss:-
    0.0
705 epoch_num:43 accuracy_for_train:0.2988505747126437
706 epoch_num:43 accuracy_for_test:0.29277566539923955
707 Epoch:44 batch_num:0 t_c_loss:1.3695172 t_sl_loss:2.
    995715
708 Epoch:44 batch_num:1 t_c_loss:1.2502705 t_sl_loss:2.
    995715
709 Epoch:44 batch_num:2 t_c_loss:1.3323685 t_sl_loss:2.
    995715
710 Epoch:44 batch_num:3 t_c_loss:1.2825037 t_sl_loss:2.
    995715
711 Epoch:44 batch_num:4 t_c_loss:1.2549739 t_sl_loss:2.
    995715
712 Epoch:44 batch_num:5 t_c_loss:1.2058835 t_sl_loss:2.
    995715
713 Epoch:44 batch_num:6 t_c_loss:1.2146027 t_sl_loss:2.
    995715
714 Epoch:44 batch_num:7 t_c_loss:1.2579286 t_sl_loss:2.
    995715
715 Epoch:44 batch_num:8 t_c_loss:1.3219823 t_sl_loss:2.
    995715
716 Epoch:44 batch_num:9 t_c_loss:1.3554455 t_sl_loss:2.
    9957147
717 Epoch:44 batch_num:10 t_c_loss:1.3293566 t_sl_loss:2
    .995715
718 Epoch:44 batch_num:11 t_c_loss:1.2937605 t_sl_loss:2
    .995715
719 Epoch:44 batch_num:12 t_c_loss:1.2794714 t_sl_loss:2
    .995715
720 Epoch:44 batch_num:13 t_c_loss:1.3967532 t_sl_loss:-
    0.0
721 epoch_num:44 accuracy_for_train:0.32567049808429116

```

```
722 epoch_num:44 accuracy_for_test:0.27756653992395436
723 Epoch:45 batch_num:0 t_c_loss:1.1924565 t_sl_loss:2.
    995715
724 Epoch:45 batch_num:1 t_c_loss:1.3252414 t_sl_loss:2.
    995715
725 Epoch:45 batch_num:2 t_c_loss:1.2472551 t_sl_loss:2.
    995715
726 Epoch:45 batch_num:3 t_c_loss:1.4126557 t_sl_loss:2.
    995715
727 Epoch:45 batch_num:4 t_c_loss:1.2348778 t_sl_loss:2.
    995715
728 Epoch:45 batch_num:5 t_c_loss:1.3514923 t_sl_loss:2.
    995715
729 Epoch:45 batch_num:6 t_c_loss:1.2739542 t_sl_loss:2.
    995715
730 Epoch:45 batch_num:7 t_c_loss:1.2387714 t_sl_loss:2.
    995715
731 Epoch:45 batch_num:8 t_c_loss:1.261444 t_sl_loss:2.
    9957147
732 Epoch:45 batch_num:9 t_c_loss:1.1662704 t_sl_loss:2.
    995715
733 Epoch:45 batch_num:10 t_c_loss:1.2730484 t_sl_loss:2
    .995715
734 Epoch:45 batch_num:11 t_c_loss:1.1876185 t_sl_loss:2
    .995715
735 Epoch:45 batch_num:12 t_c_loss:1.3418806 t_sl_loss:2
    .995715
736 Epoch:45 batch_num:13 t_c_loss:1.2504703 t_sl_loss:-
    0.0
737 epoch_num:45 accuracy_for_train:0.24521072796934865
738 epoch_num:45 accuracy_for_test:0.24714828897338403
739 Epoch:46 batch_num:0 t_c_loss:1.213749 t_sl_loss:2.
    995715
740 Epoch:46 batch_num:1 t_c_loss:1.3668765 t_sl_loss:2.
    9957147
741 Epoch:46 batch_num:2 t_c_loss:1.1692578 t_sl_loss:2.
    995715
742 Epoch:46 batch_num:3 t_c_loss:1.2457602 t_sl_loss:2.
    995715
743 Epoch:46 batch_num:4 t_c_loss:1.4607589 t_sl_loss:2.
    995715
```

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744 Epoch:46 batch_num:5 t_c_loss:1.3613477 t_sl_loss:2.
    995715
745 Epoch:46 batch_num:6 t_c_loss:1.2824427 t_sl_loss:2.
    995715
746 Epoch:46 batch_num:7 t_c_loss:1.32531 t_sl_loss:2.
    995715
747 Epoch:46 batch_num:8 t_c_loss:1.2746075 t_sl_loss:2.
    995715
748 Epoch:46 batch_num:9 t_c_loss:1.3220205 t_sl_loss:2.
    9957151
749 Epoch:46 batch_num:10 t_c_loss:1.2402879 t_sl_loss:2
    .995715
750 Epoch:46 batch_num:11 t_c_loss:1.3640001 t_sl_loss:2
    .995715
751 Epoch:46 batch_num:12 t_c_loss:1.2914755 t_sl_loss:2
    .995715
752 Epoch:46 batch_num:13 t_c_loss:1.3666475 t_sl_loss:-
    0.0
753 epoch_num:46 accuracy_for_train:0.3333333333333333
754 epoch_num:46 accuracy_for_test:0.3269961977186312
755 Epoch:47 batch_num:0 t_c_loss:1.2097332 t_sl_loss:2.
    995715
756 Epoch:47 batch_num:1 t_c_loss:1.2318141 t_sl_loss:2.
    995715
757 Epoch:47 batch_num:2 t_c_loss:1.3221849 t_sl_loss:2.
    995715
758 Epoch:47 batch_num:3 t_c_loss:1.387333 t_sl_loss:2.
    9957147
759 Epoch:47 batch_num:4 t_c_loss:1.3321351 t_sl_loss:2.
    995715
760 Epoch:47 batch_num:5 t_c_loss:1.221031 t_sl_loss:2.
    995715
761 Epoch:47 batch_num:6 t_c_loss:1.2044752 t_sl_loss:2.
    995715
762 Epoch:47 batch_num:7 t_c_loss:1.4640191 t_sl_loss:2.
    995715
763 Epoch:47 batch_num:8 t_c_loss:1.2463446 t_sl_loss:2.
    995715
764 Epoch:47 batch_num:9 t_c_loss:1.4309067 t_sl_loss:2.
    995715
765 Epoch:47 batch_num:10 t_c_loss:1.2505715 t_sl_loss:2

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765 .9957125
766 Epoch:47 batch_num:11 t_c_loss:1.3238759 t_sl_loss:2
    .995715
767 Epoch:47 batch_num:12 t_c_loss:1.37587 t_sl_loss:2.
    995715
768 Epoch:47 batch_num:13 t_c_loss:1.4445281 t_sl_loss:-
    0.0
769 epoch_num:47 accuracy_for_train:0.36015325670498083
770 epoch_num:47 accuracy_for_test:0.2813688212927757
771 Epoch:48 batch_num:0 t_c_loss:1.3300737 t_sl_loss:2.
    995715
772 Epoch:48 batch_num:1 t_c_loss:1.2227827 t_sl_loss:2.
    9957147
773 Epoch:48 batch_num:2 t_c_loss:1.29725 t_sl_loss:2.
    995715
774 Epoch:48 batch_num:3 t_c_loss:1.274773 t_sl_loss:2.
    995715
775 Epoch:48 batch_num:4 t_c_loss:1.4030836 t_sl_loss:2.
    9957147
776 Epoch:48 batch_num:5 t_c_loss:1.4211414 t_sl_loss:2.
    995715
777 Epoch:48 batch_num:6 t_c_loss:1.2531308 t_sl_loss:2.
    995715
778 Epoch:48 batch_num:7 t_c_loss:1.1897774 t_sl_loss:2.
    995715
779 Epoch:48 batch_num:8 t_c_loss:1.2943846 t_sl_loss:2.
    995715
780 Epoch:48 batch_num:9 t_c_loss:1.2595001 t_sl_loss:2.
    995715
781 Epoch:48 batch_num:10 t_c_loss:1.2585187 t_sl_loss:2
    .995715
782 Epoch:48 batch_num:11 t_c_loss:1.5316393 t_sl_loss:2
    .995715
783 Epoch:48 batch_num:12 t_c_loss:1.1854346 t_sl_loss:2
    .995715
784 Epoch:48 batch_num:13 t_c_loss:1.414522 t_sl_loss:-0
    .0
785 epoch_num:48 accuracy_for_train:0.37547892720306514
786 epoch_num:48 accuracy_for_test:0.34980988593155893
787 Epoch:49 batch_num:0 t_c_loss:1.1715873 t_sl_loss:2.
    9957147
```

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788 Epoch:49 batch_num:1 t_c_loss:1.2970167 t_sl_loss:2.
    995715
789 Epoch:49 batch_num:2 t_c_loss:1.3218858 t_sl_loss:2.
    9957147
790 Epoch:49 batch_num:3 t_c_loss:1.162688 t_sl_loss:2.
    995715
791 Epoch:49 batch_num:4 t_c_loss:1.2098458 t_sl_loss:2.
    995715
792 Epoch:49 batch_num:5 t_c_loss:1.2419436 t_sl_loss:2.
    995715
793 Epoch:49 batch_num:6 t_c_loss:1.1872518 t_sl_loss:2.
    9957147
794 Epoch:49 batch_num:7 t_c_loss:1.4207695 t_sl_loss:2.
    995715
795 Epoch:49 batch_num:8 t_c_loss:1.2388572 t_sl_loss:2.
    9957147
796 Epoch:49 batch_num:9 t_c_loss:1.2227412 t_sl_loss:2.
    995715
797 Epoch:49 batch_num:10 t_c_loss:1.6510931 t_sl_loss:2
    .995715
798 Epoch:49 batch_num:11 t_c_loss:1.3777616 t_sl_loss:2
    .9957147
799 Epoch:49 batch_num:12 t_c_loss:1.3475386 t_sl_loss:2
    .995715
800 Epoch:49 batch_num:13 t_c_loss:1.356758 t_sl_loss:-0
    .0
801 epoch_num:49 accuracy_for_train:0.3371647509578544
802 epoch_num:49 accuracy_for_test:0.3269961977186312
803 Epoch:50 batch_num:0 t_c_loss:1.3004162 t_sl_loss:2.
    995715
804 Epoch:50 batch_num:1 t_c_loss:1.261965 t_sl_loss:2.
    995715
805 Epoch:50 batch_num:2 t_c_loss:1.2153563 t_sl_loss:2.
    995715
806 Epoch:50 batch_num:3 t_c_loss:1.3199699 t_sl_loss:2.
    995715
807 Epoch:50 batch_num:4 t_c_loss:1.4407712 t_sl_loss:2.
    995715
808 Epoch:50 batch_num:5 t_c_loss:1.2137997 t_sl_loss:2.
    995715
809 Epoch:50 batch_num:6 t_c_loss:1.2100666 t_sl_loss:2.
```

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809 995715
810 Epoch:50 batch_num:7 t_c_loss:1.2838485 t_sl_loss:2.
    995715
811 Epoch:50 batch_num:8 t_c_loss:1.2072375 t_sl_loss:2.
    995715
812 Epoch:50 batch_num:9 t_c_loss:1.1686038 t_sl_loss:2.
    995715
813 Epoch:50 batch_num:10 t_c_loss:1.4018905 t_sl_loss:2
    .995715
814 Epoch:50 batch_num:11 t_c_loss:1.4481801 t_sl_loss:2
    .995715
815 Epoch:50 batch_num:12 t_c_loss:1.2471383 t_sl_loss:2
    .995715
816 Epoch:50 batch_num:13 t_c_loss:1.2261982 t_sl_loss:-
    0.0
817 epoch_num:50 accuracy_for_train:0.3524904214559387
818 epoch_num:50 accuracy_for_test:0.30038022813688214
819 Epoch:51 batch_num:0 t_c_loss:1.341193 t_sl_loss:2.
    995715
820 Epoch:51 batch_num:1 t_c_loss:1.2652569 t_sl_loss:2.
    995715
821 Epoch:51 batch_num:2 t_c_loss:1.3546623 t_sl_loss:2.
    995715
822 Epoch:51 batch_num:3 t_c_loss:1.2959073 t_sl_loss:2.
    995715
823 Epoch:51 batch_num:4 t_c_loss:1.3631861 t_sl_loss:2.
    995715
824 Epoch:51 batch_num:5 t_c_loss:1.3368669 t_sl_loss:2.
    995715
825 Epoch:51 batch_num:6 t_c_loss:1.3502265 t_sl_loss:2.
    995715
826 Epoch:51 batch_num:7 t_c_loss:1.1430407 t_sl_loss:2.
    995715
827 Epoch:51 batch_num:8 t_c_loss:1.2281976 t_sl_loss:2.
    995715
828 Epoch:51 batch_num:9 t_c_loss:1.2307338 t_sl_loss:2.
    995715
829 Epoch:51 batch_num:10 t_c_loss:1.3444462 t_sl_loss:3
    .0078151
830 Epoch:51 batch_num:11 t_c_loss:1.2624779 t_sl_loss:2
    .995715
```

```
831 Epoch:51 batch_num:12 t_c_loss:1.2630842 t_sl_loss:2
    .995715
832 Epoch:51 batch_num:13 t_c_loss:1.427498 t_sl_loss:-0
    .0
833 epoch_num:51 accuracy_for_train:0.367816091954023
834 epoch_num:51 accuracy_for_test:0.26996197718631176
835 Epoch:52 batch_num:0 t_c_loss:1.2715257 t_sl_loss:2.
    9957147
836 Epoch:52 batch_num:1 t_c_loss:1.3401859 t_sl_loss:2.
    995715
837 Epoch:52 batch_num:2 t_c_loss:1.399872 t_sl_loss:2.
    995715
838 Epoch:52 batch_num:3 t_c_loss:1.274544 t_sl_loss:2.
    995715
839 Epoch:52 batch_num:4 t_c_loss:1.301885 t_sl_loss:2.
    995715
840 Epoch:52 batch_num:5 t_c_loss:1.439883 t_sl_loss:2.
    995715
841 Epoch:52 batch_num:6 t_c_loss:1.3057973 t_sl_loss:2.
    995715
842 Epoch:52 batch_num:7 t_c_loss:1.4116194 t_sl_loss:2.
    995715
843 Epoch:52 batch_num:8 t_c_loss:1.171154 t_sl_loss:2.
    995715
844 Epoch:52 batch_num:9 t_c_loss:1.3077092 t_sl_loss:2.
    995715
845 Epoch:52 batch_num:10 t_c_loss:1.2786313 t_sl_loss:2
    .9957147
846 Epoch:52 batch_num:11 t_c_loss:1.1928698 t_sl_loss:2
    .995715
847 Epoch:52 batch_num:12 t_c_loss:1.1972995 t_sl_loss:2
    .995715
848 Epoch:52 batch_num:13 t_c_loss:1.6608592 t_sl_loss:-
    0.0
849 epoch_num:52 accuracy_for_train:0.3563218390804598
850 epoch_num:52 accuracy_for_test:0.29277566539923955
851 Epoch:53 batch_num:0 t_c_loss:1.1777699 t_sl_loss:2.
    995715
852 Epoch:53 batch_num:1 t_c_loss:1.2665828 t_sl_loss:2.
    9957147
853 Epoch:53 batch_num:2 t_c_loss:1.2014176 t_sl_loss:2.
```

```
853 995715
854 Epoch:53 batch_num:3 t_c_loss:1.3037709 t_sl_loss:2.
    9957147
855 Epoch:53 batch_num:4 t_c_loss:1.2490171 t_sl_loss:2.
    9957147
856 Epoch:53 batch_num:5 t_c_loss:1.2009884 t_sl_loss:2.
    9957147
857 Epoch:53 batch_num:6 t_c_loss:1.1993942 t_sl_loss:2.
    9957147
858 Epoch:53 batch_num:7 t_c_loss:1.296477 t_sl_loss:2.
    995715
859 Epoch:53 batch_num:8 t_c_loss:1.359686 t_sl_loss:2.
    995715
860 Epoch:53 batch_num:9 t_c_loss:1.3541793 t_sl_loss:2.
    995715
861 Epoch:53 batch_num:10 t_c_loss:1.3967907 t_sl_loss:2
    .995715
862 Epoch:53 batch_num:11 t_c_loss:1.507004 t_sl_loss:2.
    995715
863 Epoch:53 batch_num:12 t_c_loss:1.1863103 t_sl_loss:2
    .995715
864 Epoch:53 batch_num:13 t_c_loss:1.300942 t_sl_loss:-0
    .0
865 epoch_num:53 accuracy_for_train:0.3218390804597701
866 epoch_num:53 accuracy_for_test:0.311787072243346
867 Epoch:54 batch_num:0 t_c_loss:1.2223985 t_sl_loss:2.
    995715
868 Epoch:54 batch_num:1 t_c_loss:1.2897434 t_sl_loss:2.
    995715
869 Epoch:54 batch_num:2 t_c_loss:1.3260539 t_sl_loss:2.
    995715
870 Epoch:54 batch_num:3 t_c_loss:1.1830328 t_sl_loss:2.
    995715
871 Epoch:54 batch_num:4 t_c_loss:1.2789407 t_sl_loss:2.
    995715
872 Epoch:54 batch_num:5 t_c_loss:1.2871386 t_sl_loss:2.
    995715
873 Epoch:54 batch_num:6 t_c_loss:1.3604214 t_sl_loss:2.
    995715
874 Epoch:54 batch_num:7 t_c_loss:1.4294498 t_sl_loss:2.
    995715
```



```
875 Epoch:54 batch_num:8 t_c_loss:1.2246037 t_sl_loss:2.
    995715
876 Epoch:54 batch_num:9 t_c_loss:1.2866791 t_sl_loss:2.
    995715
877 Epoch:54 batch_num:10 t_c_loss:1.3326709 t_sl_loss:2
    .995715
878 Epoch:54 batch_num:11 t_c_loss:1.2507318 t_sl_loss:2
    .995715
879 Epoch:54 batch_num:12 t_c_loss:1.2185764 t_sl_loss:2
    .995715
880 Epoch:54 batch_num:13 t_c_loss:1.3200355 t_sl_loss:-
    0.0
881 epoch_num:54 accuracy_for_train:0.3524904214559387
882 epoch_num:54 accuracy_for_test:0.3041825095057034
883 Epoch:55 batch_num:0 t_c_loss:1.3240538 t_sl_loss:2.
    995715
884 Epoch:55 batch_num:1 t_c_loss:1.2649531 t_sl_loss:2.
    995715
885 Epoch:55 batch_num:2 t_c_loss:1.2419016 t_sl_loss:2.
    995715
886 Epoch:55 batch_num:3 t_c_loss:1.215769 t_sl_loss:2.
    995715
887 Epoch:55 batch_num:4 t_c_loss:1.398844 t_sl_loss:2.
    995715
888 Epoch:55 batch_num:5 t_c_loss:1.422111 t_sl_loss:2.
    995715
889 Epoch:55 batch_num:6 t_c_loss:1.583935 t_sl_loss:2.
    995715
890 Epoch:55 batch_num:7 t_c_loss:1.3202542 t_sl_loss:2.
    995715
891 Epoch:55 batch_num:8 t_c_loss:1.2506616 t_sl_loss:2.
    995715
892 Epoch:55 batch_num:9 t_c_loss:1.3149374 t_sl_loss:2.
    995715
893 Epoch:55 batch_num:10 t_c_loss:1.2159274 t_sl_loss:2
    .995715
894 Epoch:55 batch_num:11 t_c_loss:1.1871244 t_sl_loss:2
    .995715
895 Epoch:55 batch_num:12 t_c_loss:1.3479273 t_sl_loss:2
    .995715
896 Epoch:55 batch_num:13 t_c_loss:1.324687 t_sl_loss:-0
```

```
896 .0
897 epoch_num:55 accuracy_for_train:0.3218390804597701
898 epoch_num:55 accuracy_for_test:0.3231939163498099
899 Epoch:56 batch_num:0 t_c_loss:1.2825593 t_sl_loss:2.
    995715
900 Epoch:56 batch_num:1 t_c_loss:1.221087 t_sl_loss:2.
    995715
901 Epoch:56 batch_num:2 t_c_loss:1.1606177 t_sl_loss:2.
    995715
902 Epoch:56 batch_num:3 t_c_loss:1.1722968 t_sl_loss:2.
    995715
903 Epoch:56 batch_num:4 t_c_loss:1.478281 t_sl_loss:2.
    995715
904 Epoch:56 batch_num:5 t_c_loss:1.2048045 t_sl_loss:2.
    995715
905 Epoch:56 batch_num:6 t_c_loss:1.2014711 t_sl_loss:2.
    995715
906 Epoch:56 batch_num:7 t_c_loss:1.2659245 t_sl_loss:2.
    995715
907 Epoch:56 batch_num:8 t_c_loss:1.2419333 t_sl_loss:2.
    995715
908 Epoch:56 batch_num:9 t_c_loss:1.7705963 t_sl_loss:2.
    995715
909 Epoch:56 batch_num:10 t_c_loss:1.2011578 t_sl_loss:2
    .995715
910 Epoch:56 batch_num:11 t_c_loss:1.2548019 t_sl_loss:2
    .995715
911 Epoch:56 batch_num:12 t_c_loss:1.4536304 t_sl_loss:2
    .995715
912 Epoch:56 batch_num:13 t_c_loss:1.2725759 t_sl_loss:-
    0.0
913 epoch_num:56 accuracy_for_train:0.3524904214559387
914 epoch_num:56 accuracy_for_test:0.3041825095057034
915 Epoch:57 batch_num:0 t_c_loss:1.2172705 t_sl_loss:2.
    995715
916 Epoch:57 batch_num:1 t_c_loss:1.3377366 t_sl_loss:2.
    9957147
917 Epoch:57 batch_num:2 t_c_loss:1.1563154 t_sl_loss:2.
    995715
918 Epoch:57 batch_num:3 t_c_loss:1.1874057 t_sl_loss:2.
    995715
```

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919 Epoch:57 batch_num:4 t_c_loss:1.156977 t_sl_loss:2.
    995715
920 Epoch:57 batch_num:5 t_c_loss:1.3059478 t_sl_loss:2.
    9957147
921 Epoch:57 batch_num:6 t_c_loss:1.196361 t_sl_loss:2.
    995715
922 Epoch:57 batch_num:7 t_c_loss:1.4653761 t_sl_loss:2.
    9957147
923 Epoch:57 batch_num:8 t_c_loss:1.4273508 t_sl_loss:2.
    995715
924 Epoch:57 batch_num:9 t_c_loss:1.3595626 t_sl_loss:2.
    995715
925 Epoch:57 batch_num:10 t_c_loss:1.2526786 t_sl_loss:2.
    .9957147
926 Epoch:57 batch_num:11 t_c_loss:1.241593 t_sl_loss:2.
    995715
927 Epoch:57 batch_num:12 t_c_loss:1.4191077 t_sl_loss:2.
    .995715
928 Epoch:57 batch_num:13 t_c_loss:1.2449384 t_sl_loss:-
    0.0
929 epoch_num:57 accuracy_for_train:0.2796934865900383
930 epoch_num:57 accuracy_for_test:0.3041825095057034
931 Epoch:58 batch_num:0 t_c_loss:1.3364972 t_sl_loss:2.
    9957147
932 Epoch:58 batch_num:1 t_c_loss:1.1605675 t_sl_loss:2.
    995715
933 Epoch:58 batch_num:2 t_c_loss:1.2959566 t_sl_loss:2.
    995715
934 Epoch:58 batch_num:3 t_c_loss:1.2102448 t_sl_loss:2.
    995715
935 Epoch:58 batch_num:4 t_c_loss:1.2797701 t_sl_loss:3.
    9341223
936 Epoch:58 batch_num:5 t_c_loss:1.2957184 t_sl_loss:2.
    995715
937 Epoch:58 batch_num:6 t_c_loss:1.2175338 t_sl_loss:2.
    995715
938 Epoch:58 batch_num:7 t_c_loss:1.2641761 t_sl_loss:2.
    9957147
939 Epoch:58 batch_num:8 t_c_loss:1.3395579 t_sl_loss:2.
    9957147
940 Epoch:58 batch_num:9 t_c_loss:1.4620062 t_sl_loss:2.

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940 995715
941 Epoch:58 batch_num:10 t_c_loss:1.288799 t_sl_loss:2.
    995715
942 Epoch:58 batch_num:11 t_c_loss:1.1808736 t_sl_loss:2
    .995715
943 Epoch:58 batch_num:12 t_c_loss:1.4285253 t_sl_loss:2
    .9957147
944 Epoch:58 batch_num:13 t_c_loss:1.2832755 t_sl_loss:-
    0.0
945 epoch_num:58 accuracy_for_train:0.3371647509578544
946 epoch_num:58 accuracy_for_test:0.3688212927756654
947 Epoch:59 batch_num:0 t_c_loss:1.2571504 t_sl_loss:2.
    9957147
948 Epoch:59 batch_num:1 t_c_loss:1.2282566 t_sl_loss:2.
    9957147
949 Epoch:59 batch_num:2 t_c_loss:1.38046 t_sl_loss:2.
    995715
950 Epoch:59 batch_num:3 t_c_loss:1.2043465 t_sl_loss:2.
    995715
951 Epoch:59 batch_num:4 t_c_loss:1.3363907 t_sl_loss:2.
    995715
952 Epoch:59 batch_num:5 t_c_loss:1.4159496 t_sl_loss:2.
    9957147
953 Epoch:59 batch_num:6 t_c_loss:1.3864411 t_sl_loss:2.
    995715
954 Epoch:59 batch_num:7 t_c_loss:1.2648493 t_sl_loss:2.
    995715
955 Epoch:59 batch_num:8 t_c_loss:1.29096 t_sl_loss:2.
    995715
956 Epoch:59 batch_num:9 t_c_loss:1.2988951 t_sl_loss:2.
    9957147
957 Epoch:59 batch_num:10 t_c_loss:1.3183857 t_sl_loss:2
    .9957147
958 Epoch:59 batch_num:11 t_c_loss:1.2164104 t_sl_loss:2
    .995715
959 Epoch:59 batch_num:12 t_c_loss:1.1894392 t_sl_loss:2
    .9957147
960 Epoch:59 batch_num:13 t_c_loss:1.5175167 t_sl_loss:-
    0.0
961 epoch_num:59 accuracy_for_train:0.37547892720306514
962 epoch_num:59 accuracy_for_test:0.3155893536121673
```

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963 Epoch:60 batch_num:0 t_c_loss:1.1796604 t_sl_loss:2
    .995715
964 Epoch:60 batch_num:1 t_c_loss:1.4043739 t_sl_loss:2
    .9957147
965 Epoch:60 batch_num:2 t_c_loss:1.264664 t_sl_loss:2.
    9957151
966 Epoch:60 batch_num:3 t_c_loss:1.2867756 t_sl_loss:2
    .9957147
967 Epoch:60 batch_num:4 t_c_loss:1.2961451 t_sl_loss:
    51.936554
968 Epoch:60 batch_num:5 t_c_loss:1.2604997 t_sl_loss:2
    .995715
969 Epoch:60 batch_num:6 t_c_loss:1.3677526 t_sl_loss:2
    .9964607
970 Epoch:60 batch_num:7 t_c_loss:1.3233144 t_sl_loss:2
    .9957156
971 Epoch:60 batch_num:8 t_c_loss:1.2015593 t_sl_loss:2
    .9957147
972 Epoch:60 batch_num:9 t_c_loss:1.2529715 t_sl_loss:2
    .995715
973 Epoch:60 batch_num:10 t_c_loss:1.2918998 t_sl_loss:
    2.995715
974 Epoch:60 batch_num:11 t_c_loss:1.17309 t_sl_loss:53
    .12507
975 Epoch:60 batch_num:12 t_c_loss:1.200858 t_sl_loss:2
    .995715
976 Epoch:60 batch_num:13 t_c_loss:1.2796701 t_sl_loss
    :-0.0
977 epoch_num:60 accuracy_for_train:0.32567049808429116
978 epoch_num:60 accuracy_for_test:0.3269961977186312
979 Epoch:61 batch_num:0 t_c_loss:1.2594155 t_sl_loss:2
    .995715
980 Epoch:61 batch_num:1 t_c_loss:1.2148476 t_sl_loss:2
    .995715
981 Epoch:61 batch_num:2 t_c_loss:1.2277153 t_sl_loss:2
    .995715
982 Epoch:61 batch_num:3 t_c_loss:1.1965331 t_sl_loss:2
    .995715
983 Epoch:61 batch_num:4 t_c_loss:1.2917116 t_sl_loss:2
    .9957147
984 Epoch:61 batch_num:5 t_c_loss:1.2265999 t_sl_loss:2
```

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984 .9957147
985 Epoch:61 batch_num:6 t_c_loss:1.2869185 t_sl_loss:2
    .995715
986 Epoch:61 batch_num:7 t_c_loss:1.498219 t_sl_loss:2.
    995715
987 Epoch:61 batch_num:8 t_c_loss:1.2192252 t_sl_loss:2
    .9957144
988 Epoch:61 batch_num:9 t_c_loss:1.1907649 t_sl_loss:2
    .9957147
989 Epoch:61 batch_num:10 t_c_loss:1.4267852 t_sl_loss:
    2.995715
990 Epoch:61 batch_num:11 t_c_loss:1.2939276 t_sl_loss:
    2.9957156
991 Epoch:61 batch_num:12 t_c_loss:1.2540495 t_sl_loss:
    2.995715
992 Epoch:61 batch_num:13 t_c_loss:1.4401292 t_sl_loss
    :-0.0
993 epoch_num:61 accuracy_for_train:0.3371647509578544
994 epoch_num:61 accuracy_for_test:0.3155893536121673
995 Epoch:62 batch_num:0 t_c_loss:1.2541349 t_sl_loss:2
    .9957147
996 Epoch:62 batch_num:1 t_c_loss:1.393428 t_sl_loss:2.
    995715
997 Epoch:62 batch_num:2 t_c_loss:1.3650179 t_sl_loss:2
    .995715
998 Epoch:62 batch_num:3 t_c_loss:1.3401427 t_sl_loss:2
    .995715
999 Epoch:62 batch_num:4 t_c_loss:1.211468 t_sl_loss:2.
    995715
1000 Epoch:62 batch_num:5 t_c_loss:1.2357327 t_sl_loss:2
    .995715
1001 Epoch:62 batch_num:6 t_c_loss:1.2297482 t_sl_loss:2
    .995715
1002 Epoch:62 batch_num:7 t_c_loss:1.2640867 t_sl_loss:2
    .995715
1003 Epoch:62 batch_num:8 t_c_loss:1.3890772 t_sl_loss:2
    .995715
1004 Epoch:62 batch_num:9 t_c_loss:1.2708862 t_sl_loss:2
    .995715
1005 Epoch:62 batch_num:10 t_c_loss:1.2646325 t_sl_loss:
    2.995715
```

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1006 Epoch:62 batch_num:11 t_c_loss:1.26363 t_sl_loss:2.995715
1007 Epoch:62 batch_num:12 t_c_loss:1.4844179 t_sl_loss:2.995715
1008 Epoch:62 batch_num:13 t_c_loss:1.2086987 t_sl_loss:-0.0
1009 epoch_num:62 accuracy_for_train:0.3333333333333333
1010 epoch_num:62 accuracy_for_test:0.33460076045627374
1011 Epoch:63 batch_num:0 t_c_loss:1.298615 t_sl_loss:2.9957142
1012 Epoch:63 batch_num:1 t_c_loss:1.3712401 t_sl_loss:2.995715
1013 Epoch:63 batch_num:2 t_c_loss:1.4887348 t_sl_loss:2.995715
1014 Epoch:63 batch_num:3 t_c_loss:1.241031 t_sl_loss:2.995715
1015 Epoch:63 batch_num:4 t_c_loss:1.2401831 t_sl_loss:2.995715
1016 Epoch:63 batch_num:5 t_c_loss:1.2790945 t_sl_loss:2.995715
1017 Epoch:63 batch_num:6 t_c_loss:1.155334 t_sl_loss:2.9957147
1018 Epoch:63 batch_num:7 t_c_loss:1.3642948 t_sl_loss:2.995715
1019 Epoch:63 batch_num:8 t_c_loss:1.1649166 t_sl_loss:2.995715
1020 Epoch:63 batch_num:9 t_c_loss:1.3808913 t_sl_loss:2.995715
1021 Epoch:63 batch_num:10 t_c_loss:1.1218708 t_sl_loss:2.995715
1022 Epoch:63 batch_num:11 t_c_loss:1.2541876 t_sl_loss:2.995715
1023 Epoch:63 batch_num:12 t_c_loss:1.3892071 t_sl_loss:2.995716
1024 Epoch:63 batch_num:13 t_c_loss:1.8441536 t_sl_loss:-0.0
1025 epoch_num:63 accuracy_for_train:0.3563218390804598
1026 epoch_num:63 accuracy_for_test:0.29277566539923955
1027 Epoch:64 batch_num:0 t_c_loss:1.2102613 t_sl_loss:2.995714
1028 Epoch:64 batch_num:1 t_c_loss:1.2283943 t_sl_loss:2
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1028 .995715
1029 Epoch:64 batch_num:2 t_c_loss:1.2978286 t_sl_loss:2
    .995715
1030 Epoch:64 batch_num:3 t_c_loss:1.190059 t_sl_loss:2.
    995715
1031 Epoch:64 batch_num:4 t_c_loss:1.3004351 t_sl_loss:2
    .995715
1032 Epoch:64 batch_num:5 t_c_loss:1.2076375 t_sl_loss:2
    .995715
1033 Epoch:64 batch_num:6 t_c_loss:1.1271886 t_sl_loss:3
    .346248
1034 Epoch:64 batch_num:7 t_c_loss:1.1011584 t_sl_loss:2
    .995715
1035 Epoch:64 batch_num:8 t_c_loss:1.2956965 t_sl_loss:2
    .995715
1036 Epoch:64 batch_num:9 t_c_loss:1.4242208 t_sl_loss:2
    .995715
1037 Epoch:64 batch_num:10 t_c_loss:1.4031675 t_sl_loss:
    2.995715
1038 Epoch:64 batch_num:11 t_c_loss:1.588393 t_sl_loss:2
    .995715
1039 Epoch:64 batch_num:12 t_c_loss:1.2529976 t_sl_loss:
    2.9957147
1040 Epoch:64 batch_num:13 t_c_loss:1.6604568 t_sl_loss
    :-0.0
1041 epoch_num:64 accuracy_for_train:0.3371647509578544
1042 epoch_num:64 accuracy_for_test:0.30038022813688214
1043 Epoch:65 batch_num:0 t_c_loss:1.1987247 t_sl_loss:2
    .995715
1044 Epoch:65 batch_num:1 t_c_loss:1.22752 t_sl_loss:2.
    995715
1045 Epoch:65 batch_num:2 t_c_loss:1.2893043 t_sl_loss:2
    .9957113
1046 Epoch:65 batch_num:3 t_c_loss:1.2248884 t_sl_loss:2
    .995715
1047 Epoch:65 batch_num:4 t_c_loss:1.3521731 t_sl_loss:2
    .995715
1048 Epoch:65 batch_num:5 t_c_loss:1.3130616 t_sl_loss:2
    .995715
1049 Epoch:65 batch_num:6 t_c_loss:1.2230971 t_sl_loss:2
    .995715
```



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1050 Epoch:65 batch_num:7 t_c_loss:1.3016354 t_sl_loss:2
    .995715
1051 Epoch:65 batch_num:8 t_c_loss:1.2284076 t_sl_loss:2
    .995715
1052 Epoch:65 batch_num:9 t_c_loss:1.1329886 t_sl_loss:2
    .995715
1053 Epoch:65 batch_num:10 t_c_loss:1.3997171 t_sl_loss:
    2.995715
1054 Epoch:65 batch_num:11 t_c_loss:1.2912909 t_sl_loss:
    2.995715
1055 Epoch:65 batch_num:12 t_c_loss:1.1813897 t_sl_loss:
    2.995715
1056 Epoch:65 batch_num:13 t_c_loss:1.378634 t_sl_loss:-
    0.0
1057 epoch_num:65 accuracy_for_train:0.32950191570881227
1058 epoch_num:65 accuracy_for_test:0.33079847908745247
1059 Epoch:66 batch_num:0 t_c_loss:1.33333 t_sl_loss:3.
    1917107
1060 Epoch:66 batch_num:1 t_c_loss:1.341173 t_sl_loss:2.
    995715
1061 Epoch:66 batch_num:2 t_c_loss:1.218765 t_sl_loss:2.
    995715
1062 Epoch:66 batch_num:3 t_c_loss:1.299741 t_sl_loss:2.
    995715
1063 Epoch:66 batch_num:4 t_c_loss:1.3139306 t_sl_loss:2
    .995715
1064 Epoch:66 batch_num:5 t_c_loss:1.2506955 t_sl_loss:2
    .995715
1065 Epoch:66 batch_num:6 t_c_loss:1.1814501 t_sl_loss:2
    .995715
1066 Epoch:66 batch_num:7 t_c_loss:1.3495952 t_sl_loss:2
    .995715
1067 Epoch:66 batch_num:8 t_c_loss:1.3087795 t_sl_loss:2
    .995715
1068 Epoch:66 batch_num:9 t_c_loss:1.222729 t_sl_loss:2.
    995715
1069 Epoch:66 batch_num:10 t_c_loss:1.3109846 t_sl_loss:
    2.995715
1070 Epoch:66 batch_num:11 t_c_loss:1.4078721 t_sl_loss:
    2.995715
1071 Epoch:66 batch_num:12 t_c_loss:1.210835 t_sl_loss:2
```

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1071 .995715
1072 Epoch:66 batch_num:13 t_c_loss:1.5536621 t_sl_loss
    :-0.0
1073 epoch_num:66 accuracy_for_train:0.32950191570881227
1074 epoch_num:66 accuracy_for_test:0.3193916349809886
1075 Epoch:67 batch_num:0 t_c_loss:1.2035431 t_sl_loss:2
    .995715
1076 Epoch:67 batch_num:1 t_c_loss:1.1827861 t_sl_loss:2
    .9957151
1077 Epoch:67 batch_num:2 t_c_loss:1.3047607 t_sl_loss:3
    .7746124
1078 Epoch:67 batch_num:3 t_c_loss:1.2779468 t_sl_loss:2
    .995715
1079 Epoch:67 batch_num:4 t_c_loss:1.3920302 t_sl_loss:2
    .995715
1080 Epoch:67 batch_num:5 t_c_loss:1.2538359 t_sl_loss:2
    .995715
1081 Epoch:67 batch_num:6 t_c_loss:1.1543319 t_sl_loss:2
    .995715
1082 Epoch:67 batch_num:7 t_c_loss:1.1824734 t_sl_loss:2
    .995715
1083 Epoch:67 batch_num:8 t_c_loss:1.310072 t_sl_loss:2.
    995715
1084 Epoch:67 batch_num:9 t_c_loss:1.2477163 t_sl_loss:2
    .995715
1085 Epoch:67 batch_num:10 t_c_loss:1.2193921 t_sl_loss:
    2.995715
1086 Epoch:67 batch_num:11 t_c_loss:1.467227 t_sl_loss:2
    .995715
1087 Epoch:67 batch_num:12 t_c_loss:1.2232081 t_sl_loss:
    2.995715
1088 Epoch:67 batch_num:13 t_c_loss:1.3613569 t_sl_loss
    :-0.0
1089 epoch_num:67 accuracy_for_train:0.3371647509578544
1090 epoch_num:67 accuracy_for_test:0.33840304182509506
1091 Epoch:68 batch_num:0 t_c_loss:1.4009324 t_sl_loss:2
    .9957144
1092 Epoch:68 batch_num:1 t_c_loss:1.3034171 t_sl_loss:2
    .995715
1093 Epoch:68 batch_num:2 t_c_loss:1.1225578 t_sl_loss:2
    .995715
```

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1094 Epoch:68 batch_num:3 t_c_loss:1.2753172 t_sl_loss:2
    .995715
1095 Epoch:68 batch_num:4 t_c_loss:1.2338566 t_sl_loss:2
    .9957166
1096 Epoch:68 batch_num:5 t_c_loss:1.2094109 t_sl_loss:2
    .995715
1097 Epoch:68 batch_num:6 t_c_loss:1.2177982 t_sl_loss:2
    .995715
1098 Epoch:68 batch_num:7 t_c_loss:1.1636946 t_sl_loss:4
    .0244184
1099 Epoch:68 batch_num:8 t_c_loss:1.2921195 t_sl_loss:2
    .995715
1100 Epoch:68 batch_num:9 t_c_loss:1.2964301 t_sl_loss:2
    .9968324
1101 Epoch:68 batch_num:10 t_c_loss:1.2935513 t_sl_loss:
    2.995715
1102 Epoch:68 batch_num:11 t_c_loss:1.3553349 t_sl_loss:
    2.995715
1103 Epoch:68 batch_num:12 t_c_loss:1.355327 t_sl_loss:2
    .995715
1104 Epoch:68 batch_num:13 t_c_loss:1.509419 t_sl_loss:-
    0.0
1105 epoch_num:68 accuracy_for_train:0.3486590038314176
1106 epoch_num:68 accuracy_for_test:0.311787072243346
1107 Epoch:69 batch_num:0 t_c_loss:1.1054006 t_sl_loss:3
    .1179452
1108 Epoch:69 batch_num:1 t_c_loss:1.4436792 t_sl_loss:2
    .995715
1109 Epoch:69 batch_num:2 t_c_loss:1.237792 t_sl_loss:2.
    995715
1110 Epoch:69 batch_num:3 t_c_loss:1.1217468 t_sl_loss:2
    .995715
1111 Epoch:69 batch_num:4 t_c_loss:1.2082781 t_sl_loss:2
    .9957147
1112 Epoch:69 batch_num:5 t_c_loss:1.2184868 t_sl_loss:2
    .995715
1113 Epoch:69 batch_num:6 t_c_loss:1.3158646 t_sl_loss:2
    .995715
1114 Epoch:69 batch_num:7 t_c_loss:1.3023984 t_sl_loss:2
    .995715
1115 Epoch:69 batch_num:8 t_c_loss:1.3471258 t_sl_loss:2
```

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1115 .995715
1116 Epoch:69 batch_num:9 t_c_loss:1.2451032 t_sl_loss:2
    .995715
1117 Epoch:69 batch_num:10 t_c_loss:1.2730458 t_sl_loss:
    2.995715
1118 Epoch:69 batch_num:11 t_c_loss:1.2380264 t_sl_loss:
    2.995715
1119 Epoch:69 batch_num:12 t_c_loss:1.4166853 t_sl_loss:
    2.995715
1120 Epoch:69 batch_num:13 t_c_loss:1.3216203 t_sl_loss
    :-0.0
1121 epoch_num:69 accuracy_for_train:0.39080459770114945
1122 epoch_num:69 accuracy_for_test:0.3155893536121673
1123 Epoch:70 batch_num:0 t_c_loss:1.1837966 t_sl_loss:2
    .995715
1124 Epoch:70 batch_num:1 t_c_loss:1.3034842 t_sl_loss:2
    .995715
1125 Epoch:70 batch_num:2 t_c_loss:1.2353014 t_sl_loss:2
    .995715
1126 Epoch:70 batch_num:3 t_c_loss:1.2390133 t_sl_loss:2
    .9957187
1127 Epoch:70 batch_num:4 t_c_loss:1.1543292 t_sl_loss:2
    .995715
1128 Epoch:70 batch_num:5 t_c_loss:1.3284085 t_sl_loss:2
    .9957752
1129 Epoch:70 batch_num:6 t_c_loss:1.3299161 t_sl_loss:2
    .9957147
1130 Epoch:70 batch_num:7 t_c_loss:1.1630898 t_sl_loss:2
    .995715
1131 Epoch:70 batch_num:8 t_c_loss:1.3490664 t_sl_loss:2
    .995715
1132 Epoch:70 batch_num:9 t_c_loss:1.3063138 t_sl_loss:7
    .685576
1133 Epoch:70 batch_num:10 t_c_loss:1.2515135 t_sl_loss:
    2.995715
1134 Epoch:70 batch_num:11 t_c_loss:1.2150549 t_sl_loss:
    2.995715
1135 Epoch:70 batch_num:12 t_c_loss:1.400849 t_sl_loss:2
    .995715
1136 Epoch:70 batch_num:13 t_c_loss:1.4233794 t_sl_loss
    :-0.0
```

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1137 epoch_num:70 accuracy_for_train:0.367816091954023
1138 epoch_num:70 accuracy_for_test:0.3041825095057034
1139 Epoch:71 batch_num:0 t_c_loss:1.1944113 t_sl_loss:2
    .995715
1140 Epoch:71 batch_num:1 t_c_loss:1.2208993 t_sl_loss:2
    .995715
1141 Epoch:71 batch_num:2 t_c_loss:1.4074339 t_sl_loss:2
    .995715
1142 Epoch:71 batch_num:3 t_c_loss:1.1381496 t_sl_loss:2
    .995715
1143 Epoch:71 batch_num:4 t_c_loss:1.121633 t_sl_loss:2.
    995715
1144 Epoch:71 batch_num:5 t_c_loss:1.2375718 t_sl_loss:2
    .995715
1145 Epoch:71 batch_num:6 t_c_loss:1.4910145 t_sl_loss:2
    .995715
1146 Epoch:71 batch_num:7 t_c_loss:1.2214373 t_sl_loss:2
    .995715
1147 Epoch:71 batch_num:8 t_c_loss:1.2428218 t_sl_loss:2
    .995715
1148 Epoch:71 batch_num:9 t_c_loss:1.4017079 t_sl_loss:2
    .995715
1149 Epoch:71 batch_num:10 t_c_loss:1.3875709 t_sl_loss:
    2.995715
1150 Epoch:71 batch_num:11 t_c_loss:1.2075632 t_sl_loss:
    2.995715
1151 Epoch:71 batch_num:12 t_c_loss:1.3904223 t_sl_loss:
    2.995715
1152 Epoch:71 batch_num:13 t_c_loss:1.6431763 t_sl_loss
    :-0.0
1153 epoch_num:71 accuracy_for_train:0.36015325670498083
1154 epoch_num:71 accuracy_for_test:0.3269961977186312
1155 Epoch:72 batch_num:0 t_c_loss:1.2627143 t_sl_loss:2
    .995715
1156 Epoch:72 batch_num:1 t_c_loss:1.3623623 t_sl_loss:2
    .995715
1157 Epoch:72 batch_num:2 t_c_loss:1.3993728 t_sl_loss:2
    .995715
1158 Epoch:72 batch_num:3 t_c_loss:1.2125278 t_sl_loss:2
    .995715
1159 Epoch:72 batch_num:4 t_c_loss:1.1472882 t_sl_loss:2
```

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1159 .995715
1160 Epoch:72 batch_num:5 t_c_loss:1.2657442 t_sl_loss:2
    .995715
1161 Epoch:72 batch_num:6 t_c_loss:1.1542222 t_sl_loss:2
    .995715
1162 Epoch:72 batch_num:7 t_c_loss:1.3818054 t_sl_loss:2
    .995715
1163 Epoch:72 batch_num:8 t_c_loss:1.2214271 t_sl_loss:2
    .995715
1164 Epoch:72 batch_num:9 t_c_loss:1.3466231 t_sl_loss:2
    .995715
1165 Epoch:72 batch_num:10 t_c_loss:1.2902831 t_sl_loss:
    2.995715
1166 Epoch:72 batch_num:11 t_c_loss:1.2065074 t_sl_loss:
    2.995715
1167 Epoch:72 batch_num:12 t_c_loss:1.3159087 t_sl_loss:
    2.995715
1168 Epoch:72 batch_num:13 t_c_loss:1.4762485 t_sl_loss
    :-0.0
1169 epoch_num:72 accuracy_for_train:0.36398467432950193
1170 epoch_num:72 accuracy_for_test:0.30798479087452474
1171 Epoch:73 batch_num:0 t_c_loss:1.511127 t_sl_loss:2.
    995715
1172 Epoch:73 batch_num:1 t_c_loss:1.1540463 t_sl_loss:2
    .995715
1173 Epoch:73 batch_num:2 t_c_loss:1.2687948 t_sl_loss:2
    .995715
1174 Epoch:73 batch_num:3 t_c_loss:1.2679594 t_sl_loss:2
    .995715
1175 Epoch:73 batch_num:4 t_c_loss:1.2220619 t_sl_loss:2
    .995715
1176 Epoch:73 batch_num:5 t_c_loss:1.2772007 t_sl_loss:2
    .995715
1177 Epoch:73 batch_num:6 t_c_loss:1.2129272 t_sl_loss:2
    .995715
1178 Epoch:73 batch_num:7 t_c_loss:1.4866637 t_sl_loss:2
    .995715
1179 Epoch:73 batch_num:8 t_c_loss:1.3335949 t_sl_loss:2
    .995715
1180 Epoch:73 batch_num:9 t_c_loss:1.3268111 t_sl_loss:2
    .995715
```

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1181 Epoch:73 batch_num:10 t_c_loss:1.2226197 t_sl_loss:
    2.9957147
1182 Epoch:73 batch_num:11 t_c_loss:1.2309022 t_sl_loss:
    2.995715
1183 Epoch:73 batch_num:12 t_c_loss:1.2919472 t_sl_loss:
    2.995715
1184 Epoch:73 batch_num:13 t_c_loss:1.6194824 t_sl_loss
    :-0.0
1185 epoch_num:73 accuracy_for_train:0.367816091954023
1186 epoch_num:73 accuracy_for_test:0.2965779467680608
1187 Epoch:74 batch_num:0 t_c_loss:1.2045277 t_sl_loss:2
    .995715
1188 Epoch:74 batch_num:1 t_c_loss:1.2013819 t_sl_loss:2
    .995715
1189 Epoch:74 batch_num:2 t_c_loss:1.2383476 t_sl_loss:2
    .995715
1190 Epoch:74 batch_num:3 t_c_loss:1.1484822 t_sl_loss:2
    .995715
1191 Epoch:74 batch_num:4 t_c_loss:1.1318265 t_sl_loss:2
    .995715
1192 Epoch:74 batch_num:5 t_c_loss:1.1647981 t_sl_loss:2
    .995715
1193 Epoch:74 batch_num:6 t_c_loss:1.1661922 t_sl_loss:2
    .995715
1194 Epoch:74 batch_num:7 t_c_loss:1.4301243 t_sl_loss:2
    .995715
1195 Epoch:74 batch_num:8 t_c_loss:1.4798324 t_sl_loss:2
    .995715
1196 Epoch:74 batch_num:9 t_c_loss:1.3626829 t_sl_loss:
    16.08304
1197 Epoch:74 batch_num:10 t_c_loss:1.3513147 t_sl_loss:
    2.995715
1198 Epoch:74 batch_num:11 t_c_loss:1.3898964 t_sl_loss:
    2.995715
1199 Epoch:74 batch_num:12 t_c_loss:1.2591794 t_sl_loss:
    2.9957063
1200 Epoch:74 batch_num:13 t_c_loss:1.4054681 t_sl_loss
    :-0.0
1201 epoch_num:74 accuracy_for_train:0.3831417624521073
1202 epoch_num:74 accuracy_for_test:0.3155893536121673
1203 Epoch:75 batch_num:0 t_c_loss:1.2876996 t_sl_loss:2
```

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1203 .995715
1204 Epoch:75 batch_num:1 t_c_loss:1.3519878 t_sl_loss:2
    .995715
1205 Epoch:75 batch_num:2 t_c_loss:1.5424055 t_sl_loss:2
    .995715
1206 Epoch:75 batch_num:3 t_c_loss:1.2649148 t_sl_loss:2
    .995715
1207 Epoch:75 batch_num:4 t_c_loss:1.2020882 t_sl_loss:2
    .995715
1208 Epoch:75 batch_num:5 t_c_loss:1.2147788 t_sl_loss:2
    .995715
1209 Epoch:75 batch_num:6 t_c_loss:1.2364767 t_sl_loss:2
    .995715
1210 Epoch:75 batch_num:7 t_c_loss:1.2384174 t_sl_loss:2
    .995715
1211 Epoch:75 batch_num:8 t_c_loss:1.1255078 t_sl_loss:2
    .995715
1212 Epoch:75 batch_num:9 t_c_loss:1.1487116 t_sl_loss:2
    .995715
1213 Epoch:75 batch_num:10 t_c_loss:1.2510924 t_sl_loss:
    2.995715
1214 Epoch:75 batch_num:11 t_c_loss:1.282101 t_sl_loss:2
    .995715
1215 Epoch:75 batch_num:12 t_c_loss:1.1896424 t_sl_loss:
    2.995715
1216 Epoch:75 batch_num:13 t_c_loss:1.6050203 t_sl_loss
    :-0.0
1217 epoch_num:75 accuracy_for_train:0.36398467432950193
1218 epoch_num:75 accuracy_for_test:0.30798479087452474
1219 Epoch:76 batch_num:0 t_c_loss:1.1281116 t_sl_loss:2
    .995715
1220 Epoch:76 batch_num:1 t_c_loss:1.258807 t_sl_loss:2.
    9957151
1221 Epoch:76 batch_num:2 t_c_loss:1.3755989 t_sl_loss:2
    .995715
1222 Epoch:76 batch_num:3 t_c_loss:1.4205881 t_sl_loss:3
    .0027409
1223 Epoch:76 batch_num:4 t_c_loss:1.1774851 t_sl_loss:2
    .9998102
1224 Epoch:76 batch_num:5 t_c_loss:1.1190594 t_sl_loss:2
    .995715
```



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1225 Epoch:76 batch_num:6 t_c_loss:1.322236 t_sl_loss:2.
    995715
1226 Epoch:76 batch_num:7 t_c_loss:1.253363 t_sl_loss:2.
    9957178
1227 Epoch:76 batch_num:8 t_c_loss:1.319828 t_sl_loss:2.
    995715
1228 Epoch:76 batch_num:9 t_c_loss:1.1925267 t_sl_loss:2
    .995715
1229 Epoch:76 batch_num:10 t_c_loss:1.2147212 t_sl_loss:
    2.995715
1230 Epoch:76 batch_num:11 t_c_loss:1.3096495 t_sl_loss:
    2.995715
1231 Epoch:76 batch_num:12 t_c_loss:1.3084273 t_sl_loss:
    3.2068717
1232 Epoch:76 batch_num:13 t_c_loss:1.340813 t_sl_loss:-
    0.0
1233 epoch_num:76 accuracy_for_train:0.34099616858237547
1234 epoch_num:76 accuracy_for_test:0.33840304182509506
1235 Epoch:77 batch_num:0 t_c_loss:1.3324554 t_sl_loss:2
    .995715
1236 Epoch:77 batch_num:1 t_c_loss:1.2673029 t_sl_loss:2
    .9957204
1237 Epoch:77 batch_num:2 t_c_loss:1.202133 t_sl_loss:2.
    995715
1238 Epoch:77 batch_num:3 t_c_loss:1.179929 t_sl_loss:2.
    995715
1239 Epoch:77 batch_num:4 t_c_loss:1.2407229 t_sl_loss:2
    .995715
1240 Epoch:77 batch_num:5 t_c_loss:1.3579088 t_sl_loss:2
    .995715
1241 Epoch:77 batch_num:6 t_c_loss:1.2665033 t_sl_loss:2
    .995715
1242 Epoch:77 batch_num:7 t_c_loss:1.2883523 t_sl_loss:2
    .995715
1243 Epoch:77 batch_num:8 t_c_loss:1.2556884 t_sl_loss:2
    .995715
1244 Epoch:77 batch_num:9 t_c_loss:1.2655033 t_sl_loss:2
    .995715
1245 Epoch:77 batch_num:10 t_c_loss:1.3725398 t_sl_loss:
    2.995715
1246 Epoch:77 batch_num:11 t_c_loss:1.1709526 t_sl_loss:
```

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1246 2.995756
1247 Epoch:77 batch_num:12 t_c_loss:1.4744403 t_sl_loss:
    2.995715
1248 Epoch:77 batch_num:13 t_c_loss:1.4540073 t_sl_loss
    :-0.0
1249 epoch_num:77 accuracy_for_train:0.3946360153256705
1250 epoch_num:77 accuracy_for_test:0.33840304182509506
1251 Epoch:78 batch_num:0 t_c_loss:1.2869009 t_sl_loss:2
    .995715
1252 Epoch:78 batch_num:1 t_c_loss:1.1365156 t_sl_loss:3
    .084823
1253 Epoch:78 batch_num:2 t_c_loss:1.2356995 t_sl_loss:2
    .995724
1254 Epoch:78 batch_num:3 t_c_loss:1.3581501 t_sl_loss:2
    .995715
1255 Epoch:78 batch_num:4 t_c_loss:1.346809 t_sl_loss:2.
    995715
1256 Epoch:78 batch_num:5 t_c_loss:1.3169345 t_sl_loss:2
    .995715
1257 Epoch:78 batch_num:6 t_c_loss:1.2277925 t_sl_loss:2
    .995715
1258 Epoch:78 batch_num:7 t_c_loss:1.1870854 t_sl_loss:2
    .9957142
1259 Epoch:78 batch_num:8 t_c_loss:1.1148111 t_sl_loss:2
    .995715
1260 Epoch:78 batch_num:9 t_c_loss:1.350516 t_sl_loss:2.
    995715
1261 Epoch:78 batch_num:10 t_c_loss:1.2060629 t_sl_loss:
    2.995715
1262 Epoch:78 batch_num:11 t_c_loss:1.1328318 t_sl_loss:
    2.995715
1263 Epoch:78 batch_num:12 t_c_loss:1.4340518 t_sl_loss:
    2.995715
1264 Epoch:78 batch_num:13 t_c_loss:1.5738473 t_sl_loss
    :-0.0
1265 epoch_num:78 accuracy_for_train:0.3218390804597701
1266 epoch_num:78 accuracy_for_test:0.3231939163498099
1267 Epoch:79 batch_num:0 t_c_loss:1.2217636 t_sl_loss:2
    .995715
1268 Epoch:79 batch_num:1 t_c_loss:1.3150766 t_sl_loss:2
    .995715
```

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1269 Epoch:79 batch_num:2 t_c_loss:1.2626659 t_sl_loss:2
    .995715
1270 Epoch:79 batch_num:3 t_c_loss:1.292082 t_sl_loss:2.
    995715
1271 Epoch:79 batch_num:4 t_c_loss:1.1360155 t_sl_loss:2
    .995715
1272 Epoch:79 batch_num:5 t_c_loss:1.1765596 t_sl_loss:2
    .995715
1273 Epoch:79 batch_num:6 t_c_loss:1.3721062 t_sl_loss:2
    .995715
1274 Epoch:79 batch_num:7 t_c_loss:1.213541 t_sl_loss:2.
    995715
1275 Epoch:79 batch_num:8 t_c_loss:1.2266698 t_sl_loss:2
    .995715
1276 Epoch:79 batch_num:9 t_c_loss:1.1111856 t_sl_loss:2
    .995715
1277 Epoch:79 batch_num:10 t_c_loss:1.3668311 t_sl_loss:
    2.995715
1278 Epoch:79 batch_num:11 t_c_loss:1.343105 t_sl_loss:2
    .995715
1279 Epoch:79 batch_num:12 t_c_loss:1.2351263 t_sl_loss:
    2.995715
1280 Epoch:79 batch_num:13 t_c_loss:1.473073 t_sl_loss:-
    0.0
1281 epoch_num:79 accuracy_for_train:0.3486590038314176
1282 epoch_num:79 accuracy_for_test:0.34220532319391633
1283 Epoch:80 batch_num:0 t_c_loss:1.2481278 t_sl_loss:2
    .995715
1284 Epoch:80 batch_num:1 t_c_loss:1.2229122 t_sl_loss:2
    .995715
1285 Epoch:80 batch_num:2 t_c_loss:1.3289274 t_sl_loss:2
    .9957151
1286 Epoch:80 batch_num:3 t_c_loss:1.2637231 t_sl_loss:2
    .995715
1287 Epoch:80 batch_num:4 t_c_loss:1.3187965 t_sl_loss:2
    .995715
1288 Epoch:80 batch_num:5 t_c_loss:1.2407839 t_sl_loss:2
    .995715
1289 Epoch:80 batch_num:6 t_c_loss:1.1981045 t_sl_loss:2
    .995715
1290 Epoch:80 batch_num:7 t_c_loss:1.2439206 t_sl_loss:2
```

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1290 .995715
1291 Epoch:80 batch_num:8 t_c_loss:1.1589195 t_sl_loss:2
    .995715
1292 Epoch:80 batch_num:9 t_c_loss:1.2757621 t_sl_loss:2
    .995715
1293 Epoch:80 batch_num:10 t_c_loss:1.2987592 t_sl_loss:
    2.995715
1294 Epoch:80 batch_num:11 t_c_loss:1.2519739 t_sl_loss:
    2.995715
1295 Epoch:80 batch_num:12 t_c_loss:1.3437641 t_sl_loss:
    2.995715
1296 Epoch:80 batch_num:13 t_c_loss:1.33079 t_sl_loss:-0
    .0
1297 epoch_num:80 accuracy_for_train:0.34099616858237547
1298 epoch_num:80 accuracy_for_test:0.311787072243346
1299 Epoch:81 batch_num:0 t_c_loss:1.1734033 t_sl_loss:2
    .995715
1300 Epoch:81 batch_num:1 t_c_loss:1.3207088 t_sl_loss:2
    .995715
1301 Epoch:81 batch_num:2 t_c_loss:1.1960676 t_sl_loss:2
    .995715
1302 Epoch:81 batch_num:3 t_c_loss:1.2518281 t_sl_loss:2
    .995715
1303 Epoch:81 batch_num:4 t_c_loss:1.2135813 t_sl_loss:2
    .995715
1304 Epoch:81 batch_num:5 t_c_loss:1.1358898 t_sl_loss:2
    .995715
1305 Epoch:81 batch_num:6 t_c_loss:1.1717652 t_sl_loss:2
    .995715
1306 Epoch:81 batch_num:7 t_c_loss:1.366111 t_sl_loss:2.
    995715
1307 Epoch:81 batch_num:8 t_c_loss:1.3569119 t_sl_loss:2
    .995715
1308 Epoch:81 batch_num:9 t_c_loss:1.3306837 t_sl_loss:2
    .9957151
1309 Epoch:81 batch_num:10 t_c_loss:1.1852316 t_sl_loss:
    2.995715
1310 Epoch:81 batch_num:11 t_c_loss:1.2708266 t_sl_loss:
    2.995715
1311 Epoch:81 batch_num:12 t_c_loss:1.2826844 t_sl_loss:
    2.995715
```

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1312 Epoch:81 batch_num:13 t_c_loss:1.4136755 t_sl_loss
    :-0.0
1313 epoch_num:81 accuracy_for_train:0.3946360153256705
1314 epoch_num:81 accuracy_for_test:0.3193916349809886
1315 Epoch:82 batch_num:0 t_c_loss:1.2125717 t_sl_loss:2
    .995715
1316 Epoch:82 batch_num:1 t_c_loss:1.1088526 t_sl_loss:2
    .995715
1317 Epoch:82 batch_num:2 t_c_loss:1.1936532 t_sl_loss:2
    .995715
1318 Epoch:82 batch_num:3 t_c_loss:1.2615592 t_sl_loss:2
    .995715
1319 Epoch:82 batch_num:4 t_c_loss:1.3788102 t_sl_loss:2
    .995715
1320 Epoch:82 batch_num:5 t_c_loss:1.3895478 t_sl_loss:2
    .995715
1321 Epoch:82 batch_num:6 t_c_loss:1.1182814 t_sl_loss:2
    .995715
1322 Epoch:82 batch_num:7 t_c_loss:1.2324646 t_sl_loss:2
    .995715
1323 Epoch:82 batch_num:8 t_c_loss:1.1310052 t_sl_loss:2
    .995715
1324 Epoch:82 batch_num:9 t_c_loss:1.1381361 t_sl_loss:2
    .995715
1325 Epoch:82 batch_num:10 t_c_loss:1.4844167 t_sl_loss:
    2.995715
1326 Epoch:82 batch_num:11 t_c_loss:1.1812675 t_sl_loss:
    2.995715
1327 Epoch:82 batch_num:12 t_c_loss:1.4457356 t_sl_loss:
    2.995715
1328 Epoch:82 batch_num:13 t_c_loss:1.5212442 t_sl_loss
    :-0.0
1329 epoch_num:82 accuracy_for_train:0.36015325670498083
1330 epoch_num:82 accuracy_for_test:0.35361216730038025
1331 Epoch:83 batch_num:0 t_c_loss:1.2094618 t_sl_loss:2
    .995715
1332 Epoch:83 batch_num:1 t_c_loss:1.0785981 t_sl_loss:2
    .995715
1333 Epoch:83 batch_num:2 t_c_loss:1.3544806 t_sl_loss:2
    .995715
1334 Epoch:83 batch_num:3 t_c_loss:1.2856344 t_sl_loss:2
```

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1334 .995715
1335 Epoch:83 batch_num:4 t_c_loss:1.4746311 t_sl_loss:2
    .995715
1336 Epoch:83 batch_num:5 t_c_loss:1.4071128 t_sl_loss:2
    .995715
1337 Epoch:83 batch_num:6 t_c_loss:1.1514299 t_sl_loss:4
    .6959867
1338 Epoch:83 batch_num:7 t_c_loss:1.0524566 t_sl_loss:2
    .995715
1339 Epoch:83 batch_num:8 t_c_loss:1.2227093 t_sl_loss:2
    .995715
1340 Epoch:83 batch_num:9 t_c_loss:1.241028 t_sl_loss:2.
    995715
1341 Epoch:83 batch_num:10 t_c_loss:1.4561801 t_sl_loss:
    2.995715
1342 Epoch:83 batch_num:11 t_c_loss:1.1311203 t_sl_loss:
    2.995715
1343 Epoch:83 batch_num:12 t_c_loss:1.2753663 t_sl_loss:
    2.995715
1344 Epoch:83 batch_num:13 t_c_loss:1.3672748 t_sl_loss
    :-0.0
1345 epoch_num:83 accuracy_for_train:0.3831417624521073
1346 epoch_num:83 accuracy_for_test:0.33460076045627374
1347 Epoch:84 batch_num:0 t_c_loss:1.1076622 t_sl_loss:2
    .995715
1348 Epoch:84 batch_num:1 t_c_loss:1.2625107 t_sl_loss:2
    .995715
1349 Epoch:84 batch_num:2 t_c_loss:1.2419714 t_sl_loss:2
    .995715
1350 Epoch:84 batch_num:3 t_c_loss:1.2913435 t_sl_loss:2
    .995715
1351 Epoch:84 batch_num:4 t_c_loss:1.3659552 t_sl_loss:2
    .995715
1352 Epoch:84 batch_num:5 t_c_loss:1.1709533 t_sl_loss:2
    .995715
1353 Epoch:84 batch_num:6 t_c_loss:1.1919506 t_sl_loss:2
    .995715
1354 Epoch:84 batch_num:7 t_c_loss:1.4455733 t_sl_loss:2
    .995715
1355 Epoch:84 batch_num:8 t_c_loss:1.2725747 t_sl_loss:2
    .995715
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1356 Epoch:84 batch_num:9 t_c_loss:1.2195466 t_sl_loss:2
    .995715
1357 Epoch:84 batch_num:10 t_c_loss:1.2999653 t_sl_loss:
    2.995715
1358 Epoch:84 batch_num:11 t_c_loss:1.4531567 t_sl_loss:
    2.995715
1359 Epoch:84 batch_num:12 t_c_loss:1.2211188 t_sl_loss:
    2.995715
1360 Epoch:84 batch_num:13 t_c_loss:1.5190347 t_sl_loss
    :-0.0
1361 epoch_num:84 accuracy_for_train:0.36398467432950193
1362 epoch_num:84 accuracy_for_test:0.30038022813688214
1363 Epoch:85 batch_num:0 t_c_loss:1.2544076 t_sl_loss:2
    .995715
1364 Epoch:85 batch_num:1 t_c_loss:1.1581749 t_sl_loss:2
    .995715
1365 Epoch:85 batch_num:2 t_c_loss:1.169431 t_sl_loss:2.
    995715
1366 Epoch:85 batch_num:3 t_c_loss:1.1971222 t_sl_loss:2
    .995715
1367 Epoch:85 batch_num:4 t_c_loss:1.2650154 t_sl_loss:2
    .995715
1368 Epoch:85 batch_num:5 t_c_loss:1.2999203 t_sl_loss:2
    .9957142
1369 Epoch:85 batch_num:6 t_c_loss:1.3242556 t_sl_loss:2
    .9957154
1370 Epoch:85 batch_num:7 t_c_loss:1.1922023 t_sl_loss:2
    .995715
1371 Epoch:85 batch_num:8 t_c_loss:1.2288649 t_sl_loss:2
    .995715
1372 Epoch:85 batch_num:9 t_c_loss:1.3463793 t_sl_loss:2
    .995715
1373 Epoch:85 batch_num:10 t_c_loss:1.2038295 t_sl_loss:
    2.995715
1374 Epoch:85 batch_num:11 t_c_loss:1.3221661 t_sl_loss:
    2.995715
1375 Epoch:85 batch_num:12 t_c_loss:1.3712242 t_sl_loss:
    2.995715
1376 Epoch:85 batch_num:13 t_c_loss:1.3349298 t_sl_loss
    :-0.0
1377 epoch_num:85 accuracy_for_train:0.3524904214559387
```

```
1378 epoch_num:85 accuracy_for_test:0.33079847908745247
1379 Epoch:86 batch_num:0 t_c_loss:1.1111498 t_sl_loss:2
    .995715
1380 Epoch:86 batch_num:1 t_c_loss:1.1023922 t_sl_loss:2
    .995715
1381 Epoch:86 batch_num:2 t_c_loss:1.2280638 t_sl_loss:2
    .9957154
1382 Epoch:86 batch_num:3 t_c_loss:1.1853641 t_sl_loss:2
    .995715
1383 Epoch:86 batch_num:4 t_c_loss:1.2843238 t_sl_loss:2
    .995715
1384 Epoch:86 batch_num:5 t_c_loss:1.3141192 t_sl_loss:2
    .995715
1385 Epoch:86 batch_num:6 t_c_loss:1.2675518 t_sl_loss:2
    .995715
1386 Epoch:86 batch_num:7 t_c_loss:1.2566626 t_sl_loss:2
    .995715
1387 Epoch:86 batch_num:8 t_c_loss:1.7145973 t_sl_loss:2
    .995715
1388 Epoch:86 batch_num:9 t_c_loss:1.2127858 t_sl_loss:2
    .995715
1389 Epoch:86 batch_num:10 t_c_loss:1.1649203 t_sl_loss:
    2.995715
1390 Epoch:86 batch_num:11 t_c_loss:1.2037615 t_sl_loss:
    2.995715
1391 Epoch:86 batch_num:12 t_c_loss:1.2931502 t_sl_loss:
    2.995715
1392 Epoch:86 batch_num:13 t_c_loss:1.2268509 t_sl_loss
    :-0.0
1393 epoch_num:86 accuracy_for_train:0.367816091954023
1394 epoch_num:86 accuracy_for_test:0.34980988593155893
1395 Epoch:87 batch_num:0 t_c_loss:1.1972928 t_sl_loss:2
    .995715
1396 Epoch:87 batch_num:1 t_c_loss:1.1605762 t_sl_loss:2
    .995715
1397 Epoch:87 batch_num:2 t_c_loss:1.2113065 t_sl_loss:2
    .995715
1398 Epoch:87 batch_num:3 t_c_loss:1.2192568 t_sl_loss:2
    .995715
1399 Epoch:87 batch_num:4 t_c_loss:1.1118224 t_sl_loss:2
    .995715
```



```
1400 Epoch:87 batch_num:5 t_c_loss:1.2051688 t_sl_loss:2
    .995715
1401 Epoch:87 batch_num:6 t_c_loss:1.2168081 t_sl_loss:2
    .995715
1402 Epoch:87 batch_num:7 t_c_loss:1.6005226 t_sl_loss:2
    .995715
1403 Epoch:87 batch_num:8 t_c_loss:1.1710155 t_sl_loss:2
    .995715
1404 Epoch:87 batch_num:9 t_c_loss:1.3372208 t_sl_loss:2
    .995715
1405 Epoch:87 batch_num:10 t_c_loss:1.2517117 t_sl_loss:
    2.995715
1406 Epoch:87 batch_num:11 t_c_loss:1.2218907 t_sl_loss:
    2.995715
1407 Epoch:87 batch_num:12 t_c_loss:1.5010675 t_sl_loss:
    2.9957147
1408 Epoch:87 batch_num:13 t_c_loss:1.1664937 t_sl_loss
    :-0.0
1409 epoch_num:87 accuracy_for_train:0.3563218390804598
1410 epoch_num:87 accuracy_for_test:0.34600760456273766
1411 Epoch:88 batch_num:0 t_c_loss:1.2287945 t_sl_loss:2
    .995715
1412 Epoch:88 batch_num:1 t_c_loss:1.2614164 t_sl_loss:2
    .995715
1413 Epoch:88 batch_num:2 t_c_loss:1.3513597 t_sl_loss:2
    .995715
1414 Epoch:88 batch_num:3 t_c_loss:1.2210996 t_sl_loss:2
    .995715
1415 Epoch:88 batch_num:4 t_c_loss:1.1905444 t_sl_loss:2
    .9957147
1416 Epoch:88 batch_num:5 t_c_loss:1.2382805 t_sl_loss:2
    .9957147
1417 Epoch:88 batch_num:6 t_c_loss:1.2425886 t_sl_loss:2
    .9957156
1418 Epoch:88 batch_num:7 t_c_loss:1.3967334 t_sl_loss:2
    .995715
1419 Epoch:88 batch_num:8 t_c_loss:1.2770389 t_sl_loss:2
    .995715
1420 Epoch:88 batch_num:9 t_c_loss:1.3436884 t_sl_loss:2
    .995715
1421 Epoch:88 batch_num:10 t_c_loss:1.3246372 t_sl_loss:
```

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1421 2.995715
1422 Epoch:88 batch_num:11 t_c_loss:1.1893787 t_sl_loss:
    2.995715
1423 Epoch:88 batch_num:12 t_c_loss:1.1438813 t_sl_loss:
    2.995715
1424 Epoch:88 batch_num:13 t_c_loss:1.5747192 t_sl_loss
    :-0.0
1425 epoch_num:88 accuracy_for_train:0.3831417624521073
1426 epoch_num:88 accuracy_for_test:0.3231939163498099
1427 Epoch:89 batch_num:0 t_c_loss:1.2706256 t_sl_loss:2
    .995715
1428 Epoch:89 batch_num:1 t_c_loss:1.2368652 t_sl_loss:2
    .995715
1429 Epoch:89 batch_num:2 t_c_loss:1.2395579 t_sl_loss:2
    .995715
1430 Epoch:89 batch_num:3 t_c_loss:1.1669486 t_sl_loss:2
    .995715
1431 Epoch:89 batch_num:4 t_c_loss:1.2651539 t_sl_loss:2
    .995715
1432 Epoch:89 batch_num:5 t_c_loss:1.1868767 t_sl_loss:2
    .995715
1433 Epoch:89 batch_num:6 t_c_loss:1.324322 t_sl_loss:2.
    995715
1434 Epoch:89 batch_num:7 t_c_loss:1.1366708 t_sl_loss:2
    .995715
1435 Epoch:89 batch_num:8 t_c_loss:1.3606055 t_sl_loss:2
    .995715
1436 Epoch:89 batch_num:9 t_c_loss:1.2955347 t_sl_loss:2
    .995715
1437 Epoch:89 batch_num:10 t_c_loss:1.3721428 t_sl_loss:
    2.995715
1438 Epoch:89 batch_num:11 t_c_loss:1.1398336 t_sl_loss:
    2.995715
1439 Epoch:89 batch_num:12 t_c_loss:1.5273626 t_sl_loss:
    2.995715
1440 Epoch:89 batch_num:13 t_c_loss:1.4306972 t_sl_loss
    :-0.0
1441 epoch_num:89 accuracy_for_train:0.3486590038314176
1442 epoch_num:89 accuracy_for_test:0.35361216730038025
1443 Epoch:90 batch_num:0 t_c_loss:1.3210992 t_sl_loss:2
    .995715
```

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1444 Epoch:90 batch_num:1 t_c_loss:1.2660681 t_sl_loss:2
    .995715
1445 Epoch:90 batch_num:2 t_c_loss:1.142115 t_sl_loss:2.
    995715
1446 Epoch:90 batch_num:3 t_c_loss:1.3923681 t_sl_loss:2
    .995715
1447 Epoch:90 batch_num:4 t_c_loss:1.3449547 t_sl_loss:2
    .995715
1448 Epoch:90 batch_num:5 t_c_loss:1.227859 t_sl_loss:2.
    995715
1449 Epoch:90 batch_num:6 t_c_loss:1.1981226 t_sl_loss:2
    .995715
1450 Epoch:90 batch_num:7 t_c_loss:1.384219 t_sl_loss:2.
    995715
1451 Epoch:90 batch_num:8 t_c_loss:1.2874718 t_sl_loss:2
    .995715
1452 Epoch:90 batch_num:9 t_c_loss:1.1908389 t_sl_loss:2
    .995715
1453 Epoch:90 batch_num:10 t_c_loss:1.2498734 t_sl_loss:
    2.995715
1454 Epoch:90 batch_num:11 t_c_loss:1.3537872 t_sl_loss:
    2.995715
1455 Epoch:90 batch_num:12 t_c_loss:1.1899599 t_sl_loss:
    2.995715
1456 Epoch:90 batch_num:13 t_c_loss:1.5405312 t_sl_loss
    :-0.0
1457 epoch_num:90 accuracy_for_train:0.3831417624521073
1458 epoch_num:90 accuracy_for_test:0.33460076045627374
1459 Epoch:91 batch_num:0 t_c_loss:1.1679422 t_sl_loss:2
    .995715
1460 Epoch:91 batch_num:1 t_c_loss:1.1606944 t_sl_loss:2
    .995715
1461 Epoch:91 batch_num:2 t_c_loss:1.377085 t_sl_loss:2.
    995715
1462 Epoch:91 batch_num:3 t_c_loss:1.2542464 t_sl_loss:2
    .995715
1463 Epoch:91 batch_num:4 t_c_loss:1.1616948 t_sl_loss:2
    .9957187
1464 Epoch:91 batch_num:5 t_c_loss:1.3075098 t_sl_loss:2
    .995715
1465 Epoch:91 batch_num:6 t_c_loss:1.0889751 t_sl_loss:2
```

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1465 .995715
1466 Epoch:91 batch_num:7 t_c_loss:1.3969727 t_sl_loss:2
    .995715
1467 Epoch:91 batch_num:8 t_c_loss:1.3005927 t_sl_loss:2
    .995715
1468 Epoch:91 batch_num:9 t_c_loss:1.3109906 t_sl_loss:2
    .995715
1469 Epoch:91 batch_num:10 t_c_loss:1.1367143 t_sl_loss:
    2.995715
1470 Epoch:91 batch_num:11 t_c_loss:1.2557473 t_sl_loss:
    2.995715
1471 Epoch:91 batch_num:12 t_c_loss:1.2506291 t_sl_loss:
    2.995715
1472 Epoch:91 batch_num:13 t_c_loss:1.3345736 t_sl_loss
    :-0.0
1473 epoch_num:91 accuracy_for_train:0.36015325670498083
1474 epoch_num:91 accuracy_for_test:0.33460076045627374
1475 Epoch:92 batch_num:0 t_c_loss:1.1830734 t_sl_loss:2
    .995715
1476 Epoch:92 batch_num:1 t_c_loss:1.2678953 t_sl_loss:2
    .9981375
1477 Epoch:92 batch_num:2 t_c_loss:1.2713375 t_sl_loss:2
    .995715
1478 Epoch:92 batch_num:3 t_c_loss:1.0980357 t_sl_loss:2
    .995715
1479 Epoch:92 batch_num:4 t_c_loss:1.3461236 t_sl_loss:2
    .995715
1480 Epoch:92 batch_num:5 t_c_loss:1.2064859 t_sl_loss:2
    .995715
1481 Epoch:92 batch_num:6 t_c_loss:1.1681676 t_sl_loss:2
    .995715
1482 Epoch:92 batch_num:7 t_c_loss:1.1033596 t_sl_loss:2
    .995715
1483 Epoch:92 batch_num:8 t_c_loss:1.0988963 t_sl_loss:2
    .995715
1484 Epoch:92 batch_num:9 t_c_loss:1.2615799 t_sl_loss:2
    .995715
1485 Epoch:92 batch_num:10 t_c_loss:1.3169351 t_sl_loss:
    2.995715
1486 Epoch:92 batch_num:11 t_c_loss:1.305553 t_sl_loss:2
    .995715
```

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1487 Epoch:92 batch_num:12 t_c_loss:1.3184106 t_sl_loss:
    2.995715
1488 Epoch:92 batch_num:13 t_c_loss:1.4474291 t_sl_loss
    :-0.0
1489 epoch_num:92 accuracy_for_train:0.36398467432950193
1490 epoch_num:92 accuracy_for_test:0.35361216730038025
1491 Epoch:93 batch_num:0 t_c_loss:1.280478 t_sl_loss:2.
    9957206
1492 Epoch:93 batch_num:1 t_c_loss:1.1484076 t_sl_loss:2
    .995715
1493 Epoch:93 batch_num:2 t_c_loss:1.1381971 t_sl_loss:2
    .995715
1494 Epoch:93 batch_num:3 t_c_loss:1.2624177 t_sl_loss:2
    .995715
1495 Epoch:93 batch_num:4 t_c_loss:1.4395037 t_sl_loss:2
    .995715
1496 Epoch:93 batch_num:5 t_c_loss:1.3205323 t_sl_loss:2
    .995715
1497 Epoch:93 batch_num:6 t_c_loss:1.2322568 t_sl_loss:2
    .995715
1498 Epoch:93 batch_num:7 t_c_loss:1.2450922 t_sl_loss:2
    .995715
1499 Epoch:93 batch_num:8 t_c_loss:1.1978133 t_sl_loss:2
    .995715
1500 Epoch:93 batch_num:9 t_c_loss:1.1639421 t_sl_loss:2
    .995715
1501 Epoch:93 batch_num:10 t_c_loss:1.2394341 t_sl_loss:
    2.995715
1502 Epoch:93 batch_num:11 t_c_loss:1.3594363 t_sl_loss:
    2.995715
1503 Epoch:93 batch_num:12 t_c_loss:1.4450432 t_sl_loss:
    2.995715
1504 Epoch:93 batch_num:13 t_c_loss:1.5394331 t_sl_loss
    :-0.0
1505 epoch_num:93 accuracy_for_train:0.3448275862068966
1506 epoch_num:93 accuracy_for_test:0.34600760456273766
1507 Epoch:94 batch_num:0 t_c_loss:1.1700224 t_sl_loss:2
    .995681
1508 Epoch:94 batch_num:1 t_c_loss:1.1719079 t_sl_loss:2
    .995715
1509 Epoch:94 batch_num:2 t_c_loss:1.1440393 t_sl_loss:2
```

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1509 .995715
1510 Epoch:94 batch_num:3 t_c_loss:1.1745875 t_sl_loss:2
    .995715
1511 Epoch:94 batch_num:4 t_c_loss:1.2382643 t_sl_loss:2
    .995715
1512 Epoch:94 batch_num:5 t_c_loss:1.3125131 t_sl_loss:2
    .995715
1513 Epoch:94 batch_num:6 t_c_loss:1.1530821 t_sl_loss:2
    .995715
1514 Epoch:94 batch_num:7 t_c_loss:1.41171 t_sl_loss:2.
    995715
1515 Epoch:94 batch_num:8 t_c_loss:1.2204806 t_sl_loss:2
    .995715
1516 Epoch:94 batch_num:9 t_c_loss:1.4403255 t_sl_loss:2
    .995715
1517 Epoch:94 batch_num:10 t_c_loss:1.325608 t_sl_loss:2
    .995715
1518 Epoch:94 batch_num:11 t_c_loss:1.2128079 t_sl_loss:
    2.9957154
1519 Epoch:94 batch_num:12 t_c_loss:1.4944999 t_sl_loss:
    2.995715
1520 Epoch:94 batch_num:13 t_c_loss:1.2856481 t_sl_loss
    :-0.0
1521 epoch_num:94 accuracy_for_train:0.39080459770114945
1522 epoch_num:94 accuracy_for_test:0.29277566539923955
1523 Epoch:95 batch_num:0 t_c_loss:1.2771006 t_sl_loss:2
    .995715
1524 Epoch:95 batch_num:1 t_c_loss:1.1895134 t_sl_loss:2
    .995715
1525 Epoch:95 batch_num:2 t_c_loss:1.2173791 t_sl_loss:2
    .995715
1526 Epoch:95 batch_num:3 t_c_loss:1.2772 t_sl_loss:2.
    9957156
1527 Epoch:95 batch_num:4 t_c_loss:1.1789253 t_sl_loss:2
    .995715
1528 Epoch:95 batch_num:5 t_c_loss:1.4765594 t_sl_loss:2
    .995715
1529 Epoch:95 batch_num:6 t_c_loss:1.2345203 t_sl_loss:2
    .995715
1530 Epoch:95 batch_num:7 t_c_loss:1.216554 t_sl_loss:2.
    995715
```

```
1531 Epoch:95 batch_num:8 t_c_loss:1.2916979 t_sl_loss:2
    .995715
1532 Epoch:95 batch_num:9 t_c_loss:1.2063401 t_sl_loss:2
    .995715
1533 Epoch:95 batch_num:10 t_c_loss:1.248571 t_sl_loss:2
    .995715
1534 Epoch:95 batch_num:11 t_c_loss:1.2197725 t_sl_loss:
    2.995715
1535 Epoch:95 batch_num:12 t_c_loss:1.3339568 t_sl_loss:
    2.995715
1536 Epoch:95 batch_num:13 t_c_loss:1.4787278 t_sl_loss
    :-0.0
1537 epoch_num:95 accuracy_for_train:0.38697318007662834
1538 epoch_num:95 accuracy_for_test:0.34980988593155893
1539 Epoch:96 batch_num:0 t_c_loss:1.316544 t_sl_loss:2.
    995715
1540 Epoch:96 batch_num:1 t_c_loss:1.1648761 t_sl_loss:2
    .995715
1541 Epoch:96 batch_num:2 t_c_loss:1.1577957 t_sl_loss:2
    .995715
1542 Epoch:96 batch_num:3 t_c_loss:1.2122791 t_sl_loss:2
    .995715
1543 Epoch:96 batch_num:4 t_c_loss:1.1561892 t_sl_loss:2
    .995715
1544 Epoch:96 batch_num:5 t_c_loss:1.2609898 t_sl_loss:2
    .995715
1545 Epoch:96 batch_num:6 t_c_loss:1.3696829 t_sl_loss:2
    .995715
1546 Epoch:96 batch_num:7 t_c_loss:1.1302243 t_sl_loss:2
    .995715
1547 Epoch:96 batch_num:8 t_c_loss:1.1623399 t_sl_loss:2
    .995715
1548 Epoch:96 batch_num:9 t_c_loss:1.3984143 t_sl_loss:2
    .995715
1549 Epoch:96 batch_num:10 t_c_loss:1.3357923 t_sl_loss:
    2.995715
1550 Epoch:96 batch_num:11 t_c_loss:1.2021673 t_sl_loss:
    2.995715
1551 Epoch:96 batch_num:12 t_c_loss:1.3540947 t_sl_loss:
    2.995715
1552 Epoch:96 batch_num:13 t_c_loss:1.3402004 t_sl_loss
```

```
1552 :-0.0
1553 epoch_num:96 accuracy_for_train:0.4061302681992337
1554 epoch_num:96 accuracy_for_test:0.33460076045627374
1555 Epoch:97 batch_num:0 t_c_loss:1.1728837 t_sl_loss:2
    .995715
1556 Epoch:97 batch_num:1 t_c_loss:1.2084464 t_sl_loss:2
    .995715
1557 Epoch:97 batch_num:2 t_c_loss:1.1779805 t_sl_loss:2
    .995715
1558 Epoch:97 batch_num:3 t_c_loss:1.1961604 t_sl_loss:2
    .995715
1559 Epoch:97 batch_num:4 t_c_loss:1.1421864 t_sl_loss:2
    .995715
1560 Epoch:97 batch_num:5 t_c_loss:1.2850012 t_sl_loss:2
    .995715
1561 Epoch:97 batch_num:6 t_c_loss:1.1229732 t_sl_loss:2
    .995715
1562 Epoch:97 batch_num:7 t_c_loss:1.4881327 t_sl_loss:2
    .995715
1563 Epoch:97 batch_num:8 t_c_loss:1.3550403 t_sl_loss:2
    .995715
1564 Epoch:97 batch_num:9 t_c_loss:1.2737164 t_sl_loss:2
    .995715
1565 Epoch:97 batch_num:10 t_c_loss:1.2502259 t_sl_loss:
    2.995715
1566 Epoch:97 batch_num:11 t_c_loss:1.2566807 t_sl_loss:
    2.995715
1567 Epoch:97 batch_num:12 t_c_loss:1.1050568 t_sl_loss:
    2.995715
1568 Epoch:97 batch_num:13 t_c_loss:1.4620904 t_sl_loss
    :-0.0
1569 epoch_num:97 accuracy_for_train:0.32950191570881227
1570 epoch_num:97 accuracy_for_test:0.2965779467680608
1571 Epoch:98 batch_num:0 t_c_loss:1.3281833 t_sl_loss:2
    .995715
1572 Epoch:98 batch_num:1 t_c_loss:1.1906865 t_sl_loss:2
    .9957147
1573 Epoch:98 batch_num:2 t_c_loss:1.1940011 t_sl_loss:2
    .995715
1574 Epoch:98 batch_num:3 t_c_loss:1.3845664 t_sl_loss:2
    .9957151
```



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1575 Epoch:98 batch_num:4 t_c_loss:1.1136582 t_sl_loss:2
    .9957156
1576 Epoch:98 batch_num:5 t_c_loss:1.1952797 t_sl_loss:2
    .995715
1577 Epoch:98 batch_num:6 t_c_loss:1.3864025 t_sl_loss:2
    .995715
1578 Epoch:98 batch_num:7 t_c_loss:1.15326 t_sl_loss:2.
    995715
1579 Epoch:98 batch_num:8 t_c_loss:1.4528527 t_sl_loss:2
    .995715
1580 Epoch:98 batch_num:9 t_c_loss:1.2582262 t_sl_loss:2
    .995715
1581 Epoch:98 batch_num:10 t_c_loss:1.1775664 t_sl_loss:
    2.995715
1582 Epoch:98 batch_num:11 t_c_loss:1.1294334 t_sl_loss:
    2.995715
1583 Epoch:98 batch_num:12 t_c_loss:1.3335184 t_sl_loss:
    2.995715
1584 Epoch:98 batch_num:13 t_c_loss:1.2240343 t_sl_loss
    :-0.0
1585 epoch_num:98 accuracy_for_train:0.40229885057471265
1586 epoch_num:98 accuracy_for_test:0.3193916349809886
1587 Epoch:99 batch_num:0 t_c_loss:1.1410255 t_sl_loss:2
    .9957151
1588 Epoch:99 batch_num:1 t_c_loss:1.1475289 t_sl_loss:2
    .995715
1589 Epoch:99 batch_num:2 t_c_loss:1.2106787 t_sl_loss:2
    .995715
1590 Epoch:99 batch_num:3 t_c_loss:1.3101349 t_sl_loss:2
    .995715
1591 Epoch:99 batch_num:4 t_c_loss:1.298184 t_sl_loss:2.
    995715
1592 Epoch:99 batch_num:5 t_c_loss:1.0849444 t_sl_loss:2
    .995715
1593 Epoch:99 batch_num:6 t_c_loss:1.5326589 t_sl_loss:2
    .995715
1594 Epoch:99 batch_num:7 t_c_loss:1.1998416 t_sl_loss:2
    .995715
1595 Epoch:99 batch_num:8 t_c_loss:1.3279698 t_sl_loss:2
    .995715
1596 Epoch:99 batch_num:9 t_c_loss:1.1486292 t_sl_loss:2
```

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1596 .9957151
1597 Epoch:99 batch_num:10 t_c_loss:1.2443341 t_sl_loss:
    2.995715
1598 Epoch:99 batch_num:11 t_c_loss:1.1914766 t_sl_loss:
    2.995715
1599 Epoch:99 batch_num:12 t_c_loss:1.3847883 t_sl_loss:
    2.995715
1600 Epoch:99 batch_num:13 t_c_loss:1.2025545 t_sl_loss
    :-0.0
1601 epoch_num:99 accuracy_for_train:0.38697318007662834
1602 epoch_num:99 accuracy_for_test:0.311787072243346
1603 Epoch:100 batch_num:0 t_c_loss:1.307555 t_sl_loss:2
    .995715
1604 Epoch:100 batch_num:1 t_c_loss:1.2815471 t_sl_loss:
    2.995715
1605 Epoch:100 batch_num:2 t_c_loss:1.2311807 t_sl_loss:
    2.995715
1606 Epoch:100 batch_num:3 t_c_loss:1.2794237 t_sl_loss:
    2.995715
1607 Epoch:100 batch_num:4 t_c_loss:1.2315232 t_sl_loss:
    2.995715
1608 Epoch:100 batch_num:5 t_c_loss:1.187835 t_sl_loss:2
    .995715
1609 Epoch:100 batch_num:6 t_c_loss:1.3287674 t_sl_loss:
    2.995715
1610 Epoch:100 batch_num:7 t_c_loss:1.1410182 t_sl_loss:
    2.995715
1611 Epoch:100 batch_num:8 t_c_loss:1.3734269 t_sl_loss:
    2.995715
1612 Epoch:100 batch_num:9 t_c_loss:1.1909657 t_sl_loss:
    2.995715
1613 Epoch:100 batch_num:10 t_c_loss:1.1902068 t_sl_loss
    :2.995715
1614 Epoch:100 batch_num:11 t_c_loss:1.2076051 t_sl_loss
    :2.995715
1615 Epoch:100 batch_num:12 t_c_loss:1.2259235 t_sl_loss
    :2.995715
1616 Epoch:100 batch_num:13 t_c_loss:1.106046 t_sl_loss
    :-0.0
1617 epoch_num:100 accuracy_for_train:0.3831417624521073
1618 epoch_num:100 accuracy_for_test:0.3155893536121673
```

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1619 Epoch:101 batch_num:0 t_c_loss:1.2189692 t_sl_loss:
    2.995715
1620 Epoch:101 batch_num:1 t_c_loss:1.2611431 t_sl_loss:
    2.995715
1621 Epoch:101 batch_num:2 t_c_loss:1.3029691 t_sl_loss:
    2.995715
1622 Epoch:101 batch_num:3 t_c_loss:1.4973676 t_sl_loss:
    2.995715
1623 Epoch:101 batch_num:4 t_c_loss:1.2171594 t_sl_loss:
    2.995715
1624 Epoch:101 batch_num:5 t_c_loss:1.1083695 t_sl_loss:
    2.995715
1625 Epoch:101 batch_num:6 t_c_loss:1.2891774 t_sl_loss:
    2.995715
1626 Epoch:101 batch_num:7 t_c_loss:1.1985497 t_sl_loss:
    2.995713
1627 Epoch:101 batch_num:8 t_c_loss:1.1194358 t_sl_loss:
    2.995715
1628 Epoch:101 batch_num:9 t_c_loss:1.5793803 t_sl_loss:
    2.995715
1629 Epoch:101 batch_num:10 t_c_loss:1.130513 t_sl_loss:
    2.995715
1630 Epoch:101 batch_num:11 t_c_loss:1.1925113 t_sl_loss
    :2.995715
1631 Epoch:101 batch_num:12 t_c_loss:1.177962 t_sl_loss:
    2.995715
1632 Epoch:101 batch_num:13 t_c_loss:1.4664793 t_sl_loss
    :-0.0
1633 epoch_num:101 accuracy_for_train:0.
    36015325670498083
1634 epoch_num:101 accuracy_for_test:0.34220532319391633
1635 Epoch:102 batch_num:0 t_c_loss:1.2843379 t_sl_loss:
    2.995715
1636 Epoch:102 batch_num:1 t_c_loss:1.199867 t_sl_loss:2
    .995715
1637 Epoch:102 batch_num:2 t_c_loss:1.2299277 t_sl_loss:
    2.995715
1638 Epoch:102 batch_num:3 t_c_loss:1.3406088 t_sl_loss:
    2.995715
1639 Epoch:102 batch_num:4 t_c_loss:1.183119 t_sl_loss:2
    .995715
```

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1640 Epoch:102 batch_num:5 t_c_loss:1.2072597 t_sl_loss:
    2.995715
1641 Epoch:102 batch_num:6 t_c_loss:1.1161726 t_sl_loss:
    2.995715
1642 Epoch:102 batch_num:7 t_c_loss:1.2806545 t_sl_loss:
    2.995715
1643 Epoch:102 batch_num:8 t_c_loss:1.2679026 t_sl_loss:
    2.995715
1644 Epoch:102 batch_num:9 t_c_loss:1.1816293 t_sl_loss:
    2.995715
1645 Epoch:102 batch_num:10 t_c_loss:1.1577152 t_sl_loss
    :2.995715
1646 Epoch:102 batch_num:11 t_c_loss:1.3247643 t_sl_loss
    :2.9957151
1647 Epoch:102 batch_num:12 t_c_loss:1.3324684 t_sl_loss
    :2.995715
1648 Epoch:102 batch_num:13 t_c_loss:1.747643 t_sl_loss
    :-0.0
1649 epoch_num:102 accuracy_for_train:0.
    41762452107279696
1650 epoch_num:102 accuracy_for_test:0.3041825095057034
1651 Epoch:103 batch_num:0 t_c_loss:1.3140278 t_sl_loss:
    2.995715
1652 Epoch:103 batch_num:1 t_c_loss:1.1896356 t_sl_loss:
    2.995715
1653 Epoch:103 batch_num:2 t_c_loss:1.0932951 t_sl_loss:
    2.995715
1654 Epoch:103 batch_num:3 t_c_loss:1.2159338 t_sl_loss:
    2.995715
1655 Epoch:103 batch_num:4 t_c_loss:1.1684073 t_sl_loss:
    2.995715
1656 Epoch:103 batch_num:5 t_c_loss:1.2841662 t_sl_loss:
    2.995715
1657 Epoch:103 batch_num:6 t_c_loss:1.1876419 t_sl_loss:
    2.995715
1658 Epoch:103 batch_num:7 t_c_loss:1.2410231 t_sl_loss:
    2.9957194
1659 Epoch:103 batch_num:8 t_c_loss:1.144144 t_sl_loss:2
    .995715
1660 Epoch:103 batch_num:9 t_c_loss:1.3273195 t_sl_loss:
    2.995715
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1661 Epoch:103 batch_num:10 t_c_loss:1.3324528 t_sl_loss
    :2.995715
1662 Epoch:103 batch_num:11 t_c_loss:1.2380393 t_sl_loss
    :2.995715
1663 Epoch:103 batch_num:12 t_c_loss:1.3186833 t_sl_loss
    :2.995715
1664 Epoch:103 batch_num:13 t_c_loss:1.3561363 t_sl_loss
    :-0.0
1665 epoch_num:103 accuracy_for_train:0.
    39846743295019155
1666 epoch_num:103 accuracy_for_test:0.33460076045627374
1667 Epoch:104 batch_num:0 t_c_loss:1.2228346 t_sl_loss:
    2.995715
1668 Epoch:104 batch_num:1 t_c_loss:1.2089497 t_sl_loss:
    2.995715
1669 Epoch:104 batch_num:2 t_c_loss:1.5672156 t_sl_loss:
    2.995715
1670 Epoch:104 batch_num:3 t_c_loss:1.1057273 t_sl_loss:
    2.995715
1671 Epoch:104 batch_num:4 t_c_loss:1.1729773 t_sl_loss:
    2.995715
1672 Epoch:104 batch_num:5 t_c_loss:1.1145828 t_sl_loss:
    2.995715
1673 Epoch:104 batch_num:6 t_c_loss:1.1653324 t_sl_loss:
    2.995715
1674 Epoch:104 batch_num:7 t_c_loss:1.2501279 t_sl_loss:
    2.995715
1675 Epoch:104 batch_num:8 t_c_loss:1.2070866 t_sl_loss:
    2.995715
1676 Epoch:104 batch_num:9 t_c_loss:1.1632543 t_sl_loss:
    2.995715
1677 Epoch:104 batch_num:10 t_c_loss:1.260283 t_sl_loss:
    2.995715
1678 Epoch:104 batch_num:11 t_c_loss:1.4061991 t_sl_loss
    :2.9957151
1679 Epoch:104 batch_num:12 t_c_loss:1.2135813 t_sl_loss
    :2.995715
1680 Epoch:104 batch_num:13 t_c_loss:1.5340542 t_sl_loss
    :-0.0
1681 epoch_num:104 accuracy_for_train:0.3946360153256705
1682 epoch_num:104 accuracy_for_test:0.3193916349809886
```

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1683 Epoch:105 batch_num:0 t_c_loss:1.0768663 t_sl_loss:
    2.995715
1684 Epoch:105 batch_num:1 t_c_loss:1.2564074 t_sl_loss:
    2.995715
1685 Epoch:105 batch_num:2 t_c_loss:1.2187439 t_sl_loss:
    2.9957118
1686 Epoch:105 batch_num:3 t_c_loss:1.2217493 t_sl_loss:
    2.995715
1687 Epoch:105 batch_num:4 t_c_loss:1.3993624 t_sl_loss:
    2.995715
1688 Epoch:105 batch_num:5 t_c_loss:1.2499158 t_sl_loss:
    2.995715
1689 Epoch:105 batch_num:6 t_c_loss:1.2638276 t_sl_loss:
    2.995715
1690 Epoch:105 batch_num:7 t_c_loss:1.1702687 t_sl_loss:
    2.995715
1691 Epoch:105 batch_num:8 t_c_loss:1.2450473 t_sl_loss:
    2.995715
1692 Epoch:105 batch_num:9 t_c_loss:1.4040116 t_sl_loss:
    2.995715
1693 Epoch:105 batch_num:10 t_c_loss:1.2171139 t_sl_loss
    :2.995715
1694 Epoch:105 batch_num:11 t_c_loss:1.2485349 t_sl_loss
    :2.995715
1695 Epoch:105 batch_num:12 t_c_loss:1.2885107 t_sl_loss
    :2.995715
1696 Epoch:105 batch_num:13 t_c_loss:1.5419874 t_sl_loss
    :-0.0
1697 epoch_num:105 accuracy_for_train:0.3486590038314176
1698 epoch_num:105 accuracy_for_test:0.29277566539923955
1699 Epoch:106 batch_num:0 t_c_loss:1.3484111 t_sl_loss:
    2.995715
1700 Epoch:106 batch_num:1 t_c_loss:1.3271383 t_sl_loss:
    2.995715
1701 Epoch:106 batch_num:2 t_c_loss:1.1720613 t_sl_loss:
    2.995715
1702 Epoch:106 batch_num:3 t_c_loss:1.1726367 t_sl_loss:
    2.9957168
1703 Epoch:106 batch_num:4 t_c_loss:1.3079439 t_sl_loss:
    2.995715
1704 Epoch:106 batch_num:5 t_c_loss:1.1734979 t_sl_loss:
```

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1704 2.995715
1705 Epoch:106 batch_num:6 t_c_loss:1.1957381 t_sl_loss:
    2.995715
1706 Epoch:106 batch_num:7 t_c_loss:1.1770221 t_sl_loss:
    2.995715
1707 Epoch:106 batch_num:8 t_c_loss:1.2242675 t_sl_loss:
    2.995715
1708 Epoch:106 batch_num:9 t_c_loss:1.1997288 t_sl_loss:
    2.995715
1709 Epoch:106 batch_num:10 t_c_loss:1.2779256 t_sl_loss
    :2.995715
1710 Epoch:106 batch_num:11 t_c_loss:1.1181196 t_sl_loss
    :2.995715
1711 Epoch:106 batch_num:12 t_c_loss:1.309265 t_sl_loss:
    2.995715
1712 Epoch:106 batch_num:13 t_c_loss:1.4065582 t_sl_loss
    :-0.0
1713 epoch_num:106 accuracy_for_train:0.3793103448275862
1714 epoch_num:106 accuracy_for_test:0.3269961977186312
1715 Epoch:107 batch_num:0 t_c_loss:1.1988412 t_sl_loss:
    2.995715
1716 Epoch:107 batch_num:1 t_c_loss:1.2979388 t_sl_loss:
    2.995715
1717 Epoch:107 batch_num:2 t_c_loss:1.3516986 t_sl_loss:
    2.995715
1718 Epoch:107 batch_num:3 t_c_loss:1.3984119 t_sl_loss:
    2.995715
1719 Epoch:107 batch_num:4 t_c_loss:1.2166231 t_sl_loss:
    2.995715
1720 Epoch:107 batch_num:5 t_c_loss:1.2901914 t_sl_loss:
    2.995715
1721 Epoch:107 batch_num:6 t_c_loss:1.3344688 t_sl_loss:
    2.995715
1722 Epoch:107 batch_num:7 t_c_loss:1.0559299 t_sl_loss:
    2.995715
1723 Epoch:107 batch_num:8 t_c_loss:1.1474205 t_sl_loss:
    2.995715
1724 Epoch:107 batch_num:9 t_c_loss:1.2114811 t_sl_loss:
    2.995715
1725 Epoch:107 batch_num:10 t_c_loss:1.3173702 t_sl_loss
    :2.995715
```

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1726 Epoch:107 batch_num:11 t_c_loss:1.2785721 t_sl_loss
:2.995715
1727 Epoch:107 batch_num:12 t_c_loss:1.2329988 t_sl_loss
:2.995715
1728 Epoch:107 batch_num:13 t_c_loss:1.2750003 t_sl_loss
:-0.0
1729 epoch_num:107 accuracy_for_train:0.3793103448275862
1730 epoch_num:107 accuracy_for_test:0.34220532319391633
1731 Epoch:108 batch_num:0 t_c_loss:1.3409605 t_sl_loss:
2.995715
1732 Epoch:108 batch_num:1 t_c_loss:1.383336 t_sl_loss:2
.995715
1733 Epoch:108 batch_num:2 t_c_loss:1.2592447 t_sl_loss:
2.995715
1734 Epoch:108 batch_num:3 t_c_loss:1.1173155 t_sl_loss:
2.995715
1735 Epoch:108 batch_num:4 t_c_loss:1.3946928 t_sl_loss:
2.995715
1736 Epoch:108 batch_num:5 t_c_loss:1.374803 t_sl_loss:2
.995715
1737 Epoch:108 batch_num:6 t_c_loss:1.0602617 t_sl_loss:
2.9957151
1738 Epoch:108 batch_num:7 t_c_loss:1.2967832 t_sl_loss:
2.995715
1739 Epoch:108 batch_num:8 t_c_loss:1.189121 t_sl_loss:2
.995715
1740 Epoch:108 batch_num:9 t_c_loss:1.1872369 t_sl_loss:
2.995715
1741 Epoch:108 batch_num:10 t_c_loss:1.252514 t_sl_loss:
2.995715
1742 Epoch:108 batch_num:11 t_c_loss:1.2434791 t_sl_loss
:2.9957154
1743 Epoch:108 batch_num:12 t_c_loss:1.2897853 t_sl_loss
:2.995715
1744 Epoch:108 batch_num:13 t_c_loss:1.3782873 t_sl_loss
:-0.0
1745 epoch_num:108 accuracy_for_train:0.
39846743295019155
1746 epoch_num:108 accuracy_for_test:0.33460076045627374
1747 Epoch:109 batch_num:0 t_c_loss:1.0704463 t_sl_loss:
2.995715
```



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1748 Epoch:109 batch_num:1 t_c_loss:1.1621258 t_sl_loss:
    2.995715
1749 Epoch:109 batch_num:2 t_c_loss:1.096757 t_sl_loss:2
    .9963276
1750 Epoch:109 batch_num:3 t_c_loss:1.0600054 t_sl_loss:
    2.9957128
1751 Epoch:109 batch_num:4 t_c_loss:1.4378164 t_sl_loss:
    2.995715
1752 Epoch:109 batch_num:5 t_c_loss:1.3876977 t_sl_loss:
    2.995715
1753 Epoch:109 batch_num:6 t_c_loss:1.2437826 t_sl_loss:
    2.995715
1754 Epoch:109 batch_num:7 t_c_loss:1.4985195 t_sl_loss:
    2.995715
1755 Epoch:109 batch_num:8 t_c_loss:1.2013496 t_sl_loss:
    2.995715
1756 Epoch:109 batch_num:9 t_c_loss:1.1746044 t_sl_loss:
    2.995715
1757 Epoch:109 batch_num:10 t_c_loss:1.1864449 t_sl_loss
    :2.995715
1758 Epoch:109 batch_num:11 t_c_loss:1.1665411 t_sl_loss
    :2.995715
1759 Epoch:109 batch_num:12 t_c_loss:1.3874316 t_sl_loss
    :2.995715
1760 Epoch:109 batch_num:13 t_c_loss:1.691318 t_sl_loss
    :-0.0
1761 epoch_num:109 accuracy_for_train:0.
    40229885057471265
1762 epoch_num:109 accuracy_for_test:0.33840304182509506
1763 Epoch:110 batch_num:0 t_c_loss:1.1939424 t_sl_loss:
    2.995715
1764 Epoch:110 batch_num:1 t_c_loss:1.1670219 t_sl_loss:
    2.9957166
1765 Epoch:110 batch_num:2 t_c_loss:1.3107187 t_sl_loss:
    2.995715
1766 Epoch:110 batch_num:3 t_c_loss:1.2535399 t_sl_loss:
    2.995715
1767 Epoch:110 batch_num:4 t_c_loss:1.1926056 t_sl_loss:
    2.999367
1768 Epoch:110 batch_num:5 t_c_loss:1.2631376 t_sl_loss:
    2.995715
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1769 Epoch:110 batch_num:6 t_c_loss:1.2888339 t_sl_loss:
    2.995715
1770 Epoch:110 batch_num:7 t_c_loss:1.2701068 t_sl_loss:
    2.995715
1771 Epoch:110 batch_num:8 t_c_loss:1.1015934 t_sl_loss:
    2.995715
1772 Epoch:110 batch_num:9 t_c_loss:1.1898543 t_sl_loss:
    2.995715
1773 Epoch:110 batch_num:10 t_c_loss:1.3270595 t_sl_loss
    :2.995715
1774 Epoch:110 batch_num:11 t_c_loss:1.2369083 t_sl_loss
    :2.995715
1775 Epoch:110 batch_num:12 t_c_loss:1.3591543 t_sl_loss
    :2.995715
1776 Epoch:110 batch_num:13 t_c_loss:1.2854317 t_sl_loss
    :-0.0
1777 epoch_num:110 accuracy_for_train:0.3524904214559387
1778 epoch_num:110 accuracy_for_test:0.3269961977186312
1779 Epoch:111 batch_num:0 t_c_loss:1.38041 t_sl_loss:2.
    9957151
1780 Epoch:111 batch_num:1 t_c_loss:1.2634912 t_sl_loss:
    2.995715
1781 Epoch:111 batch_num:2 t_c_loss:1.2545432 t_sl_loss:
    2.995715
1782 Epoch:111 batch_num:3 t_c_loss:1.1952271 t_sl_loss:
    2.995715
1783 Epoch:111 batch_num:4 t_c_loss:1.3103001 t_sl_loss:
    2.995715
1784 Epoch:111 batch_num:5 t_c_loss:1.2123209 t_sl_loss:
    2.995715
1785 Epoch:111 batch_num:6 t_c_loss:1.2933123 t_sl_loss:
    2.995715
1786 Epoch:111 batch_num:7 t_c_loss:1.1716248 t_sl_loss:
    2.995715
1787 Epoch:111 batch_num:8 t_c_loss:1.2017944 t_sl_loss:
    2.995715
1788 Epoch:111 batch_num:9 t_c_loss:1.1793816 t_sl_loss:
    2.995715
1789 Epoch:111 batch_num:10 t_c_loss:1.1664222 t_sl_loss
    :2.995715
1790 Epoch:111 batch_num:11 t_c_loss:1.1763552 t_sl_loss
```

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1790 :2.9957154
1791 Epoch:111 batch_num:12 t_c_loss:1.2895429 t_sl_loss
    :2.995715
1792 Epoch:111 batch_num:13 t_c_loss:1.132922 t_sl_loss
    :-0.0
1793 epoch_num:111 accuracy_for_train:0.3831417624521073
1794 epoch_num:111 accuracy_for_test:0.3269961977186312
1795 Epoch:112 batch_num:0 t_c_loss:1.1024932 t_sl_loss:
    2.995715
1796 Epoch:112 batch_num:1 t_c_loss:1.2450888 t_sl_loss:
    2.995715
1797 Epoch:112 batch_num:2 t_c_loss:1.1564319 t_sl_loss:
    2.995715
1798 Epoch:112 batch_num:3 t_c_loss:1.3055451 t_sl_loss:
    2.99572
1799 Epoch:112 batch_num:4 t_c_loss:1.3833187 t_sl_loss:
    2.995715
1800 Epoch:112 batch_num:5 t_c_loss:1.1194249 t_sl_loss:
    2.995715
1801 Epoch:112 batch_num:6 t_c_loss:1.2576883 t_sl_loss:
    2.9957154
1802 Epoch:112 batch_num:7 t_c_loss:1.1393468 t_sl_loss:
    2.995715
1803 Epoch:112 batch_num:8 t_c_loss:1.189005 t_sl_loss:2
    .995715
1804 Epoch:112 batch_num:9 t_c_loss:1.16552 t_sl_loss:2.
    995715
1805 Epoch:112 batch_num:10 t_c_loss:1.2373444 t_sl_loss
    :2.995715
1806 Epoch:112 batch_num:11 t_c_loss:1.1599103 t_sl_loss
    :2.995715
1807 Epoch:112 batch_num:12 t_c_loss:1.2184528 t_sl_loss
    :2.9957151
1808 Epoch:112 batch_num:13 t_c_loss:1.6276324 t_sl_loss
    :-0.0
1809 epoch_num:112 accuracy_for_train:0.
    37547892720306514
1810 epoch_num:112 accuracy_for_test:0.33840304182509506
1811 Epoch:113 batch_num:0 t_c_loss:1.2461278 t_sl_loss:
    2.995715
1812 Epoch:113 batch_num:1 t_c_loss:1.1774399 t_sl_loss:
```

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1812 2.995715
1813 Epoch:113 batch_num:2 t_c_loss:1.2399185 t_sl_loss:
    2.995715
1814 Epoch:113 batch_num:3 t_c_loss:1.3105351 t_sl_loss:
    2.995715
1815 Epoch:113 batch_num:4 t_c_loss:1.2641737 t_sl_loss:
    2.995715
1816 Epoch:113 batch_num:5 t_c_loss:1.2392612 t_sl_loss:
    2.995715
1817 Epoch:113 batch_num:6 t_c_loss:1.1723244 t_sl_loss:
    2.995715
1818 Epoch:113 batch_num:7 t_c_loss:1.4112388 t_sl_loss:
    2.995715
1819 Epoch:113 batch_num:8 t_c_loss:1.2607639 t_sl_loss:
    2.995715
1820 Epoch:113 batch_num:9 t_c_loss:1.1605898 t_sl_loss:
    2.995715
1821 Epoch:113 batch_num:10 t_c_loss:1.2030625 t_sl_loss
    :2.995715
1822 Epoch:113 batch_num:11 t_c_loss:1.207403 t_sl_loss:
    2.995715
1823 Epoch:113 batch_num:12 t_c_loss:1.1489974 t_sl_loss
    :2.9957151
1824 Epoch:113 batch_num:13 t_c_loss:1.5555153 t_sl_loss
    :-0.0
1825 epoch_num:113 accuracy_for_train:0.367816091954023
1826 epoch_num:113 accuracy_for_test:0.33840304182509506
1827 Epoch:114 batch_num:0 t_c_loss:1.2549797 t_sl_loss:
    2.995715
1828 Epoch:114 batch_num:1 t_c_loss:1.1865413 t_sl_loss:
    2.995715
1829 Epoch:114 batch_num:2 t_c_loss:1.2467216 t_sl_loss:
    2.995715
1830 Epoch:114 batch_num:3 t_c_loss:1.2622982 t_sl_loss:
    2.995715
1831 Epoch:114 batch_num:4 t_c_loss:1.1310595 t_sl_loss:
    2.995715
1832 Epoch:114 batch_num:5 t_c_loss:1.3724613 t_sl_loss:
    2.995715
1833 Epoch:114 batch_num:6 t_c_loss:1.1032326 t_sl_loss:
    2.9957175
```

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1834 Epoch:114 batch_num:7 t_c_loss:1.163529 t_sl_loss:2
    .995715
1835 Epoch:114 batch_num:8 t_c_loss:1.0773078 t_sl_loss:
    2.995715
1836 Epoch:114 batch_num:9 t_c_loss:1.3121713 t_sl_loss:
    2.995715
1837 Epoch:114 batch_num:10 t_c_loss:1.2709264 t_sl_loss
    :2.995715
1838 Epoch:114 batch_num:11 t_c_loss:1.2011502 t_sl_loss
    :2.995715
1839 Epoch:114 batch_num:12 t_c_loss:1.0487757 t_sl_loss
    :2.995715
1840 Epoch:114 batch_num:13 t_c_loss:1.3175999 t_sl_loss
    :-0.0
1841 epoch_num:114 accuracy_for_train:0.
    39080459770114945
1842 epoch_num:114 accuracy_for_test:0.34600760456273766
1843 Epoch:115 batch_num:0 t_c_loss:1.4004914 t_sl_loss:
    2.995715
1844 Epoch:115 batch_num:1 t_c_loss:1.317024 t_sl_loss:3
    .0149422
1845 Epoch:115 batch_num:2 t_c_loss:1.2561328 t_sl_loss:
    2.995715
1846 Epoch:115 batch_num:3 t_c_loss:1.308436 t_sl_loss:2
    .995715
1847 Epoch:115 batch_num:4 t_c_loss:1.1984361 t_sl_loss:
    2.995715
1848 Epoch:115 batch_num:5 t_c_loss:1.2060477 t_sl_loss:
    2.995715
1849 Epoch:115 batch_num:6 t_c_loss:1.0855981 t_sl_loss:
    2.995715
1850 Epoch:115 batch_num:7 t_c_loss:1.2589455 t_sl_loss:
    2.995715
1851 Epoch:115 batch_num:8 t_c_loss:1.3598089 t_sl_loss:
    2.995715
1852 Epoch:115 batch_num:9 t_c_loss:1.0936877 t_sl_loss:
    2.995715
1853 Epoch:115 batch_num:10 t_c_loss:1.2003415 t_sl_loss
    :2.995715
1854 Epoch:115 batch_num:11 t_c_loss:1.1728903 t_sl_loss
    :2.995715
```

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1855 Epoch:115 batch_num:12 t_c_loss:1.0968338 t_sl_loss
    :2.9957147
1856 Epoch:115 batch_num:13 t_c_loss:1.890899 t_sl_loss
    :-0.0
1857 epoch_num:115 accuracy_for_train:0.421455938697318
1858 epoch_num:115 accuracy_for_test:0.311787072243346
1859 Epoch:116 batch_num:0 t_c_loss:1.1594335 t_sl_loss:
    2.995715
1860 Epoch:116 batch_num:1 t_c_loss:1.2509685 t_sl_loss:
    2.995715
1861 Epoch:116 batch_num:2 t_c_loss:1.1645845 t_sl_loss:
    2.995715
1862 Epoch:116 batch_num:3 t_c_loss:1.1108443 t_sl_loss:
    2.995715
1863 Epoch:116 batch_num:4 t_c_loss:1.3317518 t_sl_loss:
    2.995715
1864 Epoch:116 batch_num:5 t_c_loss:1.0256436 t_sl_loss:
    2.995715
1865 Epoch:116 batch_num:6 t_c_loss:1.2727966 t_sl_loss:
    2.995715
1866 Epoch:116 batch_num:7 t_c_loss:1.1757776 t_sl_loss:
    2.995715
1867 Epoch:116 batch_num:8 t_c_loss:1.3131925 t_sl_loss:
    2.9960508
1868 Epoch:116 batch_num:9 t_c_loss:1.3954394 t_sl_loss:
    2.995715
1869 Epoch:116 batch_num:10 t_c_loss:1.1058588 t_sl_loss
    :2.995715
1870 Epoch:116 batch_num:11 t_c_loss:1.3864256 t_sl_loss
    :2.995715
1871 Epoch:116 batch_num:12 t_c_loss:1.2055677 t_sl_loss
    :2.995715
1872 Epoch:116 batch_num:13 t_c_loss:1.4642268 t_sl_loss
    :-0.0
1873 epoch_num:116 accuracy_for_train:0.
    40229885057471265
1874 epoch_num:116 accuracy_for_test:0.3269961977186312
1875 Epoch:117 batch_num:0 t_c_loss:1.2373277 t_sl_loss:
    2.995715
1876 Epoch:117 batch_num:1 t_c_loss:1.4807571 t_sl_loss:
    2.995715
```

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1877 Epoch:117 batch_num:2 t_c_loss:1.143874 t_sl_loss:2
    .995715
1878 Epoch:117 batch_num:3 t_c_loss:1.3384994 t_sl_loss:
    2.995715
1879 Epoch:117 batch_num:4 t_c_loss:1.1231837 t_sl_loss:
    2.995715
1880 Epoch:117 batch_num:5 t_c_loss:1.2423064 t_sl_loss:
    2.995715
1881 Epoch:117 batch_num:6 t_c_loss:1.1320145 t_sl_loss:
    2.995715
1882 Epoch:117 batch_num:7 t_c_loss:1.1880198 t_sl_loss:
    2.995715
1883 Epoch:117 batch_num:8 t_c_loss:1.2693815 t_sl_loss:
    2.995715
1884 Epoch:117 batch_num:9 t_c_loss:1.2079327 t_sl_loss:
    2.995715
1885 Epoch:117 batch_num:10 t_c_loss:1.2045591 t_sl_loss
    :2.995715
1886 Epoch:117 batch_num:11 t_c_loss:1.202698 t_sl_loss:
    2.995715
1887 Epoch:117 batch_num:12 t_c_loss:1.3504634 t_sl_loss
    :2.995715
1888 Epoch:117 batch_num:13 t_c_loss:1.5000315 t_sl_loss
    :-0.0
1889 epoch_num:117 accuracy_for_train:0.4099616858237548
1890 epoch_num:117 accuracy_for_test:0.34980988593155893
1891 Epoch:118 batch_num:0 t_c_loss:1.1109569 t_sl_loss:
    2.995715
1892 Epoch:118 batch_num:1 t_c_loss:1.3184727 t_sl_loss:
    2.9963138
1893 Epoch:118 batch_num:2 t_c_loss:1.2617176 t_sl_loss:
    2.995715
1894 Epoch:118 batch_num:3 t_c_loss:1.4040953 t_sl_loss:
    2.995715
1895 Epoch:118 batch_num:4 t_c_loss:1.1223962 t_sl_loss:
    2.995715
1896 Epoch:118 batch_num:5 t_c_loss:1.3334814 t_sl_loss:
    2.995715
1897 Epoch:118 batch_num:6 t_c_loss:1.3052769 t_sl_loss:
    2.995715
1898 Epoch:118 batch_num:7 t_c_loss:1.1801403 t_sl_loss:
```

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1898 2.995715
1899 Epoch:118 batch_num:8 t_c_loss:1.0727184 t_sl_loss:
    2.995715
1900 Epoch:118 batch_num:9 t_c_loss:1.3529844 t_sl_loss:
    2.995715
1901 Epoch:118 batch_num:10 t_c_loss:1.2428911 t_sl_loss
    :2.995715
1902 Epoch:118 batch_num:11 t_c_loss:1.1035638 t_sl_loss
    :2.995715
1903 Epoch:118 batch_num:12 t_c_loss:1.3108217 t_sl_loss
    :2.995715
1904 Epoch:118 batch_num:13 t_c_loss:1.4662005 t_sl_loss
    :-0.0
1905 epoch_num:118 accuracy_for_train:0.
    34099616858237547
1906 epoch_num:118 accuracy_for_test:0.29277566539923955
1907 Epoch:119 batch_num:0 t_c_loss:1.2339495 t_sl_loss:
    2.995715
1908 Epoch:119 batch_num:1 t_c_loss:1.0567571 t_sl_loss:
    2.995715
1909 Epoch:119 batch_num:2 t_c_loss:1.1547064 t_sl_loss:
    2.995715
1910 Epoch:119 batch_num:3 t_c_loss:1.2878406 t_sl_loss:
    2.995715
1911 Epoch:119 batch_num:4 t_c_loss:1.1366748 t_sl_loss:
    2.995715
1912 Epoch:119 batch_num:5 t_c_loss:1.0501763 t_sl_loss:
    2.995715
1913 Epoch:119 batch_num:6 t_c_loss:1.3638656 t_sl_loss:
    2.995715
1914 Epoch:119 batch_num:7 t_c_loss:1.1978601 t_sl_loss:
    2.995715
1915 Epoch:119 batch_num:8 t_c_loss:1.2932761 t_sl_loss:
    2.995715
1916 Epoch:119 batch_num:9 t_c_loss:1.4057605 t_sl_loss:
    2.995715
1917 Epoch:119 batch_num:10 t_c_loss:1.3544081 t_sl_loss
    :2.995715
1918 Epoch:119 batch_num:11 t_c_loss:1.3077338 t_sl_loss
    :2.995715
1919 Epoch:119 batch_num:12 t_c_loss:1.286366 t_sl_loss:
```



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1919 2.995715
1920 Epoch:119 batch_num:13 t_c_loss:1.3761853 t_sl_loss
    :-0.0
1921 epoch_num:119 accuracy_for_train:0.3946360153256705
1922 epoch_num:119 accuracy_for_test:0.30798479087452474
1923 Epoch:120 batch_num:0 t_c_loss:1.2940223 t_sl_loss:
    2.995715
1924 Epoch:120 batch_num:1 t_c_loss:1.0863006 t_sl_loss:
    2.995715
1925 Epoch:120 batch_num:2 t_c_loss:1.1351069 t_sl_loss:
    2.995715
1926 Epoch:120 batch_num:3 t_c_loss:1.181031 t_sl_loss:2
    .995715
1927 Epoch:120 batch_num:4 t_c_loss:1.2285125 t_sl_loss:
    2.995715
1928 Epoch:120 batch_num:5 t_c_loss:1.1791112 t_sl_loss:
    2.9957154
1929 Epoch:120 batch_num:6 t_c_loss:1.1970984 t_sl_loss:
    2.995715
1930 Epoch:120 batch_num:7 t_c_loss:1.1831516 t_sl_loss:
    2.995715
1931 Epoch:120 batch_num:8 t_c_loss:1.3923926 t_sl_loss:
    2.995715
1932 Epoch:120 batch_num:9 t_c_loss:1.1570753 t_sl_loss:
    2.995715
1933 Epoch:120 batch_num:10 t_c_loss:1.2484086 t_sl_loss
    :2.995715
1934 Epoch:120 batch_num:11 t_c_loss:1.3397973 t_sl_loss
    :2.9957142
1935 Epoch:120 batch_num:12 t_c_loss:1.2089278 t_sl_loss
    :2.995715
1936 Epoch:120 batch_num:13 t_c_loss:1.3578495 t_sl_loss
    :-0.0
1937 epoch_num:120 accuracy_for_train:0.367816091954023
1938 epoch_num:120 accuracy_for_test:0.3574144486692015
1939 Epoch:121 batch_num:0 t_c_loss:1.3437294 t_sl_loss:
    2.995715
1940 Epoch:121 batch_num:1 t_c_loss:1.1373832 t_sl_loss:
    2.995715
1941 Epoch:121 batch_num:2 t_c_loss:1.3166956 t_sl_loss:
    2.995715
```

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1942 Epoch:121 batch_num:3 t_c_loss:1.1769903 t_sl_loss:
    2.995715
1943 Epoch:121 batch_num:4 t_c_loss:1.1715572 t_sl_loss:
    2.995715
1944 Epoch:121 batch_num:5 t_c_loss:1.141709 t_sl_loss:2
    .995715
1945 Epoch:121 batch_num:6 t_c_loss:1.0840113 t_sl_loss:
    2.995715
1946 Epoch:121 batch_num:7 t_c_loss:1.1107161 t_sl_loss:
    2.995715
1947 Epoch:121 batch_num:8 t_c_loss:1.3231059 t_sl_loss:
    2.995715
1948 Epoch:121 batch_num:9 t_c_loss:1.3077496 t_sl_loss:
    2.995715
1949 Epoch:121 batch_num:10 t_c_loss:1.1609844 t_sl_loss
    :2.995715
1950 Epoch:121 batch_num:11 t_c_loss:1.4333822 t_sl_loss
    :2.9957147
1951 Epoch:121 batch_num:12 t_c_loss:1.1649196 t_sl_loss
    :2.995715
1952 Epoch:121 batch_num:13 t_c_loss:1.4663662 t_sl_loss
    :-0.0
1953 epoch_num:121 accuracy_for_train:0.3716475095785441
1954 epoch_num:121 accuracy_for_test:0.3612167300380228
1955 Epoch:122 batch_num:0 t_c_loss:1.2272532 t_sl_loss:
    2.995715
1956 Epoch:122 batch_num:1 t_c_loss:1.1244714 t_sl_loss:
    2.995715
1957 Epoch:122 batch_num:2 t_c_loss:1.0160322 t_sl_loss:
    2.995715
1958 Epoch:122 batch_num:3 t_c_loss:1.1260483 t_sl_loss:
    2.995715
1959 Epoch:122 batch_num:4 t_c_loss:1.3169739 t_sl_loss:
    2.995715
1960 Epoch:122 batch_num:5 t_c_loss:1.4302943 t_sl_loss:
    2.995715
1961 Epoch:122 batch_num:6 t_c_loss:1.2717346 t_sl_loss:
    2.995715
1962 Epoch:122 batch_num:7 t_c_loss:1.2164438 t_sl_loss:
    2.995715
1963 Epoch:122 batch_num:8 t_c_loss:1.2706125 t_sl_loss:
```

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1963 2.995715
1964 Epoch:122 batch_num:9 t_c_loss:1.2531687 t_sl_loss:
    2.995715
1965 Epoch:122 batch_num:10 t_c_loss:1.4534484 t_sl_loss
    :2.995715
1966 Epoch:122 batch_num:11 t_c_loss:1.1005857 t_sl_loss
    :2.995715
1967 Epoch:122 batch_num:12 t_c_loss:1.2473514 t_sl_loss
    :2.995715
1968 Epoch:122 batch_num:13 t_c_loss:1.6376386 t_sl_loss
    :-0.0
1969 epoch_num:122 accuracy_for_train:0.
    42911877394636017
1970 epoch_num:122 accuracy_for_test:0.3574144486692015
1971 Epoch:123 batch_num:0 t_c_loss:1.2499794 t_sl_loss:
    2.995715
1972 Epoch:123 batch_num:1 t_c_loss:1.0775168 t_sl_loss:
    2.995715
1973 Epoch:123 batch_num:2 t_c_loss:1.2246424 t_sl_loss:
    2.995715
1974 Epoch:123 batch_num:3 t_c_loss:1.290114 t_sl_loss:2
    .995715
1975 Epoch:123 batch_num:4 t_c_loss:1.2440602 t_sl_loss:
    2.995715
1976 Epoch:123 batch_num:5 t_c_loss:1.2148626 t_sl_loss:
    2.995715
1977 Epoch:123 batch_num:6 t_c_loss:1.0586512 t_sl_loss:
    2.995715
1978 Epoch:123 batch_num:7 t_c_loss:1.3353012 t_sl_loss:
    2.995715
1979 Epoch:123 batch_num:8 t_c_loss:1.071466 t_sl_loss:2
    .995715
1980 Epoch:123 batch_num:9 t_c_loss:1.4460442 t_sl_loss:
    2.995715
1981 Epoch:123 batch_num:10 t_c_loss:1.3722893 t_sl_loss
    :2.995715
1982 Epoch:123 batch_num:11 t_c_loss:1.3348736 t_sl_loss
    :2.995715
1983 Epoch:123 batch_num:12 t_c_loss:1.1161879 t_sl_loss
    :2.995715
1984 Epoch:123 batch_num:13 t_c_loss:1.3483851 t_sl_loss
```

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1984 :-0.0
1985 epoch_num:123 accuracy_for_train:0.4099616858237548
1986 epoch_num:123 accuracy_for_test:0.33840304182509506
1987 Epoch:124 batch_num:0 t_c_loss:1.2074386 t_sl_loss:
    2.995715
1988 Epoch:124 batch_num:1 t_c_loss:1.1239799 t_sl_loss:
    2.995715
1989 Epoch:124 batch_num:2 t_c_loss:1.1204089 t_sl_loss:
    2.995715
1990 Epoch:124 batch_num:3 t_c_loss:1.1683414 t_sl_loss:
    2.995715
1991 Epoch:124 batch_num:4 t_c_loss:1.3371838 t_sl_loss:
    2.995715
1992 Epoch:124 batch_num:5 t_c_loss:1.1417083 t_sl_loss:
    2.995715
1993 Epoch:124 batch_num:6 t_c_loss:1.1412038 t_sl_loss:
    2.995715
1994 Epoch:124 batch_num:7 t_c_loss:1.0383109 t_sl_loss:
    2.995715
1995 Epoch:124 batch_num:8 t_c_loss:1.21126 t_sl_loss:2.
    995715
1996 Epoch:124 batch_num:9 t_c_loss:1.1628569 t_sl_loss:
    2.995715
1997 Epoch:124 batch_num:10 t_c_loss:1.4452434 t_sl_loss
    :2.995715
1998 Epoch:124 batch_num:11 t_c_loss:1.3530848 t_sl_loss
    :2.9957151
1999 Epoch:124 batch_num:12 t_c_loss:1.2347455 t_sl_loss
    :2.995948
2000 Epoch:124 batch_num:13 t_c_loss:1.4379867 t_sl_loss
    :-0.0
2001 epoch_num:124 accuracy_for_train:0.3524904214559387
2002 epoch_num:124 accuracy_for_test:0.3193916349809886
2003 Epoch:125 batch_num:0 t_c_loss:1.2100952 t_sl_loss:
    2.995715
2004 Epoch:125 batch_num:1 t_c_loss:1.2095374 t_sl_loss:
    2.995715
2005 Epoch:125 batch_num:2 t_c_loss:1.1269422 t_sl_loss:
    2.995715
2006 Epoch:125 batch_num:3 t_c_loss:1.0977433 t_sl_loss:
    2.995715
```

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2007 Epoch:125 batch_num:4 t_c_loss:1.446762 t_sl_loss:2
    .995715
2008 Epoch:125 batch_num:5 t_c_loss:1.2282418 t_sl_loss:
    2.995715
2009 Epoch:125 batch_num:6 t_c_loss:1.1322669 t_sl_loss:
    2.995715
2010 Epoch:125 batch_num:7 t_c_loss:1.0787718 t_sl_loss:
    2.995715
2011 Epoch:125 batch_num:8 t_c_loss:1.2383678 t_sl_loss:
    2.995715
2012 Epoch:125 batch_num:9 t_c_loss:1.1962428 t_sl_loss:
    2.995715
2013 Epoch:125 batch_num:10 t_c_loss:1.1596277 t_sl_loss
    :2.995715
2014 Epoch:125 batch_num:11 t_c_loss:1.3101348 t_sl_loss
    :2.995715
2015 Epoch:125 batch_num:12 t_c_loss:1.5062813 t_sl_loss
    :2.995715
2016 Epoch:125 batch_num:13 t_c_loss:1.3247266 t_sl_loss
    :-0.0
2017 epoch_num:125 accuracy_for_train:0.
    39846743295019155
2018 epoch_num:125 accuracy_for_test:0.34220532319391633
2019 Epoch:126 batch_num:0 t_c_loss:1.1682698 t_sl_loss:
    2.995715
2020 Epoch:126 batch_num:1 t_c_loss:1.3573321 t_sl_loss:
    2.995715
2021 Epoch:126 batch_num:2 t_c_loss:1.4832017 t_sl_loss:
    2.995715
2022 Epoch:126 batch_num:3 t_c_loss:1.2135246 t_sl_loss:
    2.995715
2023 Epoch:126 batch_num:4 t_c_loss:1.189337 t_sl_loss:2
    .995715
2024 Epoch:126 batch_num:5 t_c_loss:1.3366373 t_sl_loss:
    2.995715
2025 Epoch:126 batch_num:6 t_c_loss:1.2410566 t_sl_loss:
    2.995715
2026 Epoch:126 batch_num:7 t_c_loss:1.0244211 t_sl_loss:
    2.995715
2027 Epoch:126 batch_num:8 t_c_loss:1.1731523 t_sl_loss:
    2.995715
```

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2028 Epoch:126 batch_num:9 t_c_loss:1.2546964 t_sl_loss:
    2.995715
2029 Epoch:126 batch_num:10 t_c_loss:1.2317193 t_sl_loss
    :2.995715
2030 Epoch:126 batch_num:11 t_c_loss:1.0714545 t_sl_loss
    :2.995715
2031 Epoch:126 batch_num:12 t_c_loss:1.219662 t_sl_loss:
    2.995715
2032 Epoch:126 batch_num:13 t_c_loss:1.542786 t_sl_loss
    :-0.0
2033 epoch_num:126 accuracy_for_train:0.
    41762452107279696
2034 epoch_num:126 accuracy_for_test:0.3155893536121673
2035 Epoch:127 batch_num:0 t_c_loss:1.1154763 t_sl_loss:
    2.995715
2036 Epoch:127 batch_num:1 t_c_loss:1.0687919 t_sl_loss:
    2.995715
2037 Epoch:127 batch_num:2 t_c_loss:1.222835 t_sl_loss:2
    .995715
2038 Epoch:127 batch_num:3 t_c_loss:1.2823766 t_sl_loss:
    2.995715
2039 Epoch:127 batch_num:4 t_c_loss:1.2367442 t_sl_loss:
    2.995715
2040 Epoch:127 batch_num:5 t_c_loss:1.0981889 t_sl_loss:
    2.995715
2041 Epoch:127 batch_num:6 t_c_loss:1.1493971 t_sl_loss:
    2.995715
2042 Epoch:127 batch_num:7 t_c_loss:1.2099543 t_sl_loss:
    2.995715
2043 Epoch:127 batch_num:8 t_c_loss:1.127261 t_sl_loss:2
    .995715
2044 Epoch:127 batch_num:9 t_c_loss:1.1705674 t_sl_loss:
    2.995715
2045 Epoch:127 batch_num:10 t_c_loss:1.1434941 t_sl_loss
    :2.995715
2046 Epoch:127 batch_num:11 t_c_loss:1.372238 t_sl_loss:
    2.995715
2047 Epoch:127 batch_num:12 t_c_loss:1.5230856 t_sl_loss
    :2.995715
2048 Epoch:127 batch_num:13 t_c_loss:1.2566276 t_sl_loss
    :-0.0
```

```
2049 epoch_num:127 accuracy_for_train:0.3831417624521073
2050 epoch_num:127 accuracy_for_test:0.3231939163498099
2051 Epoch:128 batch_num:0 t_c_loss:1.3103302 t_sl_loss:
    2.995715
2052 Epoch:128 batch_num:1 t_c_loss:1.4244403 t_sl_loss:
    2.995715
2053 Epoch:128 batch_num:2 t_c_loss:1.0775179 t_sl_loss:
    2.995715
2054 Epoch:128 batch_num:3 t_c_loss:1.1960844 t_sl_loss:
    2.995715
2055 Epoch:128 batch_num:4 t_c_loss:1.2511716 t_sl_loss:
    2.995715
2056 Epoch:128 batch_num:5 t_c_loss:1.1006099 t_sl_loss:
    2.995715
2057 Epoch:128 batch_num:6 t_c_loss:1.2981904 t_sl_loss:
    2.995715
2058 Epoch:128 batch_num:7 t_c_loss:1.206411 t_sl_loss:2
    .995715
2059 Epoch:128 batch_num:8 t_c_loss:1.1229708 t_sl_loss:
    2.9957147
2060 Epoch:128 batch_num:9 t_c_loss:1.1480136 t_sl_loss:
    2.995715
2061 Epoch:128 batch_num:10 t_c_loss:1.3164002 t_sl_loss
    :2.995715
2062 Epoch:128 batch_num:11 t_c_loss:1.2552557 t_sl_loss
    :2.995715
2063 Epoch:128 batch_num:12 t_c_loss:1.1469518 t_sl_loss
    :2.995715
2064 Epoch:128 batch_num:13 t_c_loss:1.4666457 t_sl_loss
    :-0.0
2065 epoch_num:128 accuracy_for_train:0.367816091954023
2066 epoch_num:128 accuracy_for_test:0.3193916349809886
2067 Epoch:129 batch_num:0 t_c_loss:1.4198644 t_sl_loss:
    2.995715
2068 Epoch:129 batch_num:1 t_c_loss:1.0796846 t_sl_loss:
    2.995715
2069 Epoch:129 batch_num:2 t_c_loss:1.1979034 t_sl_loss:
    2.995715
2070 Epoch:129 batch_num:3 t_c_loss:1.1752557 t_sl_loss:
    2.995715
2071 Epoch:129 batch_num:4 t_c_loss:1.0680581 t_sl_loss:
```

```
2071 2.995715
2072 Epoch:129 batch_num:5 t_c_loss:1.1510904 t_sl_loss:
    2.995715
2073 Epoch:129 batch_num:6 t_c_loss:1.1447215 t_sl_loss:
    2.995715
2074 Epoch:129 batch_num:7 t_c_loss:1.3337951 t_sl_loss:
    2.995715
2075 Epoch:129 batch_num:8 t_c_loss:1.2991419 t_sl_loss:
    2.995715
2076 Epoch:129 batch_num:9 t_c_loss:1.1876328 t_sl_loss:
    2.995715
2077 Epoch:129 batch_num:10 t_c_loss:1.106946 t_sl_loss:
    2.995715
2078 Epoch:129 batch_num:11 t_c_loss:1.3627114 t_sl_loss
    :2.995715
2079 Epoch:129 batch_num:12 t_c_loss:1.2249405 t_sl_loss
    :2.995715
2080 Epoch:129 batch_num:13 t_c_loss:1.2694528 t_sl_loss
    :-0.0
2081 epoch_num:129 accuracy_for_train:0.3716475095785441
2082 epoch_num:129 accuracy_for_test:0.3193916349809886
2083 Epoch:130 batch_num:0 t_c_loss:1.2268379 t_sl_loss:
    2.995715
2084 Epoch:130 batch_num:1 t_c_loss:1.2007277 t_sl_loss:
    2.995715
2085 Epoch:130 batch_num:2 t_c_loss:1.1169393 t_sl_loss:
    2.995715
2086 Epoch:130 batch_num:3 t_c_loss:1.2371829 t_sl_loss:
    2.995715
2087 Epoch:130 batch_num:4 t_c_loss:1.337668 t_sl_loss:2
    .995715
2088 Epoch:130 batch_num:5 t_c_loss:1.1664755 t_sl_loss:
    2.995715
2089 Epoch:130 batch_num:6 t_c_loss:1.2171488 t_sl_loss:
    2.995715
2090 Epoch:130 batch_num:7 t_c_loss:1.2059132 t_sl_loss:
    2.995715
2091 Epoch:130 batch_num:8 t_c_loss:1.4308236 t_sl_loss:
    2.995715
2092 Epoch:130 batch_num:9 t_c_loss:1.2274783 t_sl_loss:
    2.995715
```



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2093 Epoch:130 batch_num:10 t_c_loss:1.121947 t_sl_loss:
    2.995715
2094 Epoch:130 batch_num:11 t_c_loss:1.313555 t_sl_loss:
    2.995715
2095 Epoch:130 batch_num:12 t_c_loss:1.2677242 t_sl_loss
    :2.995715
2096 Epoch:130 batch_num:13 t_c_loss:1.6853873 t_sl_loss
    :-0.0
2097 epoch_num:130 accuracy_for_train:0.
    39846743295019155
2098 epoch_num:130 accuracy_for_test:0.3650190114068441
2099 Epoch:131 batch_num:0 t_c_loss:1.1771058 t_sl_loss:
    2.995715
2100 Epoch:131 batch_num:1 t_c_loss:1.266887 t_sl_loss:2
    .995715
2101 Epoch:131 batch_num:2 t_c_loss:1.1050663 t_sl_loss:
    2.995715
2102 Epoch:131 batch_num:3 t_c_loss:1.2343514 t_sl_loss:
    2.995715
2103 Epoch:131 batch_num:4 t_c_loss:1.1051352 t_sl_loss:
    2.995715
2104 Epoch:131 batch_num:5 t_c_loss:1.1935483 t_sl_loss:
    2.995715
2105 Epoch:131 batch_num:6 t_c_loss:1.2503726 t_sl_loss:
    2.995715
2106 Epoch:131 batch_num:7 t_c_loss:1.3592422 t_sl_loss:
    2.995715
2107 Epoch:131 batch_num:8 t_c_loss:1.3236662 t_sl_loss:
    2.995715
2108 Epoch:131 batch_num:9 t_c_loss:1.2032415 t_sl_loss:
    2.995715
2109 Epoch:131 batch_num:10 t_c_loss:1.0960401 t_sl_loss
    :2.995715
2110 Epoch:131 batch_num:11 t_c_loss:1.1601064 t_sl_loss
    :2.995715
2111 Epoch:131 batch_num:12 t_c_loss:1.2594731 t_sl_loss
    :2.995715
2112 Epoch:131 batch_num:13 t_c_loss:1.2631472 t_sl_loss
    :-0.0
2113 epoch_num:131 accuracy_for_train:0.4329501915708812
2114 epoch_num:131 accuracy_for_test:0.34220532319391633
```

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2115 Epoch:132 batch_num:0 t_c_loss:1.4741342 t_sl_loss:
    2.995715
2116 Epoch:132 batch_num:1 t_c_loss:1.1218126 t_sl_loss:
    2.995715
2117 Epoch:132 batch_num:2 t_c_loss:1.1383283 t_sl_loss:
    2.995715
2118 Epoch:132 batch_num:3 t_c_loss:1.4115617 t_sl_loss:
    2.995715
2119 Epoch:132 batch_num:4 t_c_loss:1.3848425 t_sl_loss:
    2.995715
2120 Epoch:132 batch_num:5 t_c_loss:1.3701392 t_sl_loss:
    2.995715
2121 Epoch:132 batch_num:6 t_c_loss:1.4238544 t_sl_loss:
    2.995715
2122 Epoch:132 batch_num:7 t_c_loss:1.1689075 t_sl_loss:
    2.995715
2123 Epoch:132 batch_num:8 t_c_loss:1.1743368 t_sl_loss:
    2.995715
2124 Epoch:132 batch_num:9 t_c_loss:1.2339395 t_sl_loss:
    2.995715
2125 Epoch:132 batch_num:10 t_c_loss:1.1611071 t_sl_loss
    :2.995715
2126 Epoch:132 batch_num:11 t_c_loss:1.0718265 t_sl_loss
    :2.995715
2127 Epoch:132 batch_num:12 t_c_loss:1.2207206 t_sl_loss
    :2.995715
2128 Epoch:132 batch_num:13 t_c_loss:1.3616004 t_sl_loss
    :-0.0
2129 epoch_num:132 accuracy_for_train:0.3946360153256705
2130 epoch_num:132 accuracy_for_test:0.3612167300380228
2131 Epoch:133 batch_num:0 t_c_loss:1.2802774 t_sl_loss:
    2.995715
2132 Epoch:133 batch_num:1 t_c_loss:1.2006384 t_sl_loss:
    2.995715
2133 Epoch:133 batch_num:2 t_c_loss:1.2626663 t_sl_loss:
    2.995715
2134 Epoch:133 batch_num:3 t_c_loss:1.2810526 t_sl_loss:
    2.9957144
2135 Epoch:133 batch_num:4 t_c_loss:1.3677423 t_sl_loss:
    2.995715
2136 Epoch:133 batch_num:5 t_c_loss:1.3291354 t_sl_loss:
```

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2136 2.995715
2137 Epoch:133 batch_num:6 t_c_loss:1.1558535 t_sl_loss:
      2.995715
2138 Epoch:133 batch_num:7 t_c_loss:1.2697277 t_sl_loss:
      2.995715
2139 Epoch:133 batch_num:8 t_c_loss:1.1099253 t_sl_loss:
      2.9957151
2140 Epoch:133 batch_num:9 t_c_loss:1.1836607 t_sl_loss:
      2.995715
2141 Epoch:133 batch_num:10 t_c_loss:1.2022369 t_sl_loss
      :2.995715
2142 Epoch:133 batch_num:11 t_c_loss:1.2164488 t_sl_loss
      :2.9957154
2143 Epoch:133 batch_num:12 t_c_loss:1.1885455 t_sl_loss
      :2.995715
2144 Epoch:133 batch_num:13 t_c_loss:1.6481595 t_sl_loss
      :-0.0
2145 epoch_num:133 accuracy_for_train:0.421455938697318
2146 epoch_num:133 accuracy_for_test:0.34600760456273766
2147 Epoch:134 batch_num:0 t_c_loss:1.2551664 t_sl_loss:
      2.995715
2148 Epoch:134 batch_num:1 t_c_loss:1.1203281 t_sl_loss:
      2.995715
2149 Epoch:134 batch_num:2 t_c_loss:1.2373844 t_sl_loss:
      2.9957147
2150 Epoch:134 batch_num:3 t_c_loss:1.159611 t_sl_loss:2
      .995715
2151 Epoch:134 batch_num:4 t_c_loss:1.1852307 t_sl_loss:
      2.9957147
2152 Epoch:134 batch_num:5 t_c_loss:1.1370562 t_sl_loss:
      2.995715
2153 Epoch:134 batch_num:6 t_c_loss:1.1325935 t_sl_loss:
      2.995715
2154 Epoch:134 batch_num:7 t_c_loss:1.167781 t_sl_loss:2
      .995715
2155 Epoch:134 batch_num:8 t_c_loss:1.359982 t_sl_loss:2
      .995715
2156 Epoch:134 batch_num:9 t_c_loss:1.3389636 t_sl_loss:
      2.995715
2157 Epoch:134 batch_num:10 t_c_loss:1.0860112 t_sl_loss
      :2.995715
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2158 Epoch:134 batch_num:11 t_c_loss:1.1329377 t_sl_loss
    :2.995715
2159 Epoch:134 batch_num:12 t_c_loss:1.327189 t_sl_loss:
    2.995715
2160 Epoch:134 batch_num:13 t_c_loss:1.3114531 t_sl_loss
    :-0.0
2161 epoch_num:134 accuracy_for_train:0.4061302681992337
2162 epoch_num:134 accuracy_for_test:0.34980988593155893
2163 Epoch:135 batch_num:0 t_c_loss:1.2090919 t_sl_loss:
    2.995715
2164 Epoch:135 batch_num:1 t_c_loss:1.2542841 t_sl_loss:
    2.995715
2165 Epoch:135 batch_num:2 t_c_loss:1.2342803 t_sl_loss:
    2.995715
2166 Epoch:135 batch_num:3 t_c_loss:1.1600521 t_sl_loss:
    2.995715
2167 Epoch:135 batch_num:4 t_c_loss:1.1757306 t_sl_loss:
    2.995715
2168 Epoch:135 batch_num:5 t_c_loss:1.1738193 t_sl_loss:
    2.995715
2169 Epoch:135 batch_num:6 t_c_loss:1.2212766 t_sl_loss:
    2.995715
2170 Epoch:135 batch_num:7 t_c_loss:1.2873824 t_sl_loss:
    2.995715
2171 Epoch:135 batch_num:8 t_c_loss:1.1519488 t_sl_loss:
    2.995715
2172 Epoch:135 batch_num:9 t_c_loss:1.2153043 t_sl_loss:
    2.995715
2173 Epoch:135 batch_num:10 t_c_loss:1.3297491 t_sl_loss
    :2.995715
2174 Epoch:135 batch_num:11 t_c_loss:1.106538 t_sl_loss:
    2.995715
2175 Epoch:135 batch_num:12 t_c_loss:1.2634122 t_sl_loss
    :2.995715
2176 Epoch:135 batch_num:13 t_c_loss:1.2810074 t_sl_loss
    :-0.0
2177 epoch_num:135 accuracy_for_train:0.
    41762452107279696
2178 epoch_num:135 accuracy_for_test:0.3269961977186312
2179 Epoch:136 batch_num:0 t_c_loss:1.40158 t_sl_loss:2.
    995715
```

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2180 Epoch:136 batch_num:1 t_c_loss:1.2215904 t_sl_loss:
    2.995715
2181 Epoch:136 batch_num:2 t_c_loss:1.1231931 t_sl_loss:
    2.995715
2182 Epoch:136 batch_num:3 t_c_loss:1.3222246 t_sl_loss:
    2.995715
2183 Epoch:136 batch_num:4 t_c_loss:1.2576187 t_sl_loss:
    2.995715
2184 Epoch:136 batch_num:5 t_c_loss:1.079957 t_sl_loss:2
    .995715
2185 Epoch:136 batch_num:6 t_c_loss:1.1254866 t_sl_loss:
    2.995715
2186 Epoch:136 batch_num:7 t_c_loss:1.172324 t_sl_loss:2
    .995715
2187 Epoch:136 batch_num:8 t_c_loss:1.1835096 t_sl_loss:
    2.995715
2188 Epoch:136 batch_num:9 t_c_loss:1.2435726 t_sl_loss:
    2.995715
2189 Epoch:136 batch_num:10 t_c_loss:1.1880189 t_sl_loss
    :2.995715
2190 Epoch:136 batch_num:11 t_c_loss:1.2773088 t_sl_loss
    :2.995715
2191 Epoch:136 batch_num:12 t_c_loss:1.0773768 t_sl_loss
    :2.995715
2192 Epoch:136 batch_num:13 t_c_loss:1.5456383 t_sl_loss
    :-0.0
2193 epoch_num:136 accuracy_for_train:0.
    38697318007662834
2194 epoch_num:136 accuracy_for_test:0.30798479087452474
2195 Epoch:137 batch_num:0 t_c_loss:1.0644939 t_sl_loss:
    2.995715
2196 Epoch:137 batch_num:1 t_c_loss:1.4134831 t_sl_loss:
    2.995715
2197 Epoch:137 batch_num:2 t_c_loss:1.0949194 t_sl_loss:
    2.995715
2198 Epoch:137 batch_num:3 t_c_loss:1.168833 t_sl_loss:2
    .995715
2199 Epoch:137 batch_num:4 t_c_loss:1.1783485 t_sl_loss:
    2.995715
2200 Epoch:137 batch_num:5 t_c_loss:1.0509794 t_sl_loss:
    2.995715
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2201 Epoch:137 batch_num:6 t_c_loss:1.116694 t_sl_loss:2
    .995715
2202 Epoch:137 batch_num:7 t_c_loss:1.2982837 t_sl_loss:
    2.995715
2203 Epoch:137 batch_num:8 t_c_loss:1.0597475 t_sl_loss:
    2.995715
2204 Epoch:137 batch_num:9 t_c_loss:1.1323308 t_sl_loss:
    2.995715
2205 Epoch:137 batch_num:10 t_c_loss:1.3970891 t_sl_loss
    :2.995715
2206 Epoch:137 batch_num:11 t_c_loss:1.3301382 t_sl_loss
    :2.995715
2207 Epoch:137 batch_num:12 t_c_loss:1.1831 t_sl_loss:2.
    995715
2208 Epoch:137 batch_num:13 t_c_loss:1.4962506 t_sl_loss
    :-0.0
2209 epoch_num:137 accuracy_for_train:0.4444444444444444
2210 epoch_num:137 accuracy_for_test:0.34220532319391633
2211 Epoch:138 batch_num:0 t_c_loss:1.4690197 t_sl_loss:
    2.9957151
2212 Epoch:138 batch_num:1 t_c_loss:1.0997344 t_sl_loss:
    2.995715
2213 Epoch:138 batch_num:2 t_c_loss:1.1536279 t_sl_loss:
    2.995715
2214 Epoch:138 batch_num:3 t_c_loss:1.2399957 t_sl_loss:
    2.995715
2215 Epoch:138 batch_num:4 t_c_loss:1.0510429 t_sl_loss:
    2.995715
2216 Epoch:138 batch_num:5 t_c_loss:1.1211067 t_sl_loss:
    2.995715
2217 Epoch:138 batch_num:6 t_c_loss:1.1482093 t_sl_loss:
    2.995715
2218 Epoch:138 batch_num:7 t_c_loss:1.0452757 t_sl_loss:
    2.995715
2219 Epoch:138 batch_num:8 t_c_loss:1.3419993 t_sl_loss:
    2.995715
2220 Epoch:138 batch_num:9 t_c_loss:1.3111683 t_sl_loss:
    2.995715
2221 Epoch:138 batch_num:10 t_c_loss:1.1739689 t_sl_loss
    :2.995715
2222 Epoch:138 batch_num:11 t_c_loss:1.1755911 t_sl_loss

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2222 :2.995715
2223 Epoch:138 batch_num:12 t_c_loss:1.4024594 t_sl_loss
    :2.995715
2224 Epoch:138 batch_num:13 t_c_loss:1.2810941 t_sl_loss
    :-0.0
2225 epoch_num:138 accuracy_for_train:0.3716475095785441
2226 epoch_num:138 accuracy_for_test:0.2965779467680608
2227 Epoch:139 batch_num:0 t_c_loss:1.098338 t_sl_loss:2
    .995715
2228 Epoch:139 batch_num:1 t_c_loss:1.3008858 t_sl_loss:
    2.995715
2229 Epoch:139 batch_num:2 t_c_loss:1.0413587 t_sl_loss:
    2.995715
2230 Epoch:139 batch_num:3 t_c_loss:1.2662343 t_sl_loss:
    2.995715
2231 Epoch:139 batch_num:4 t_c_loss:1.2028629 t_sl_loss:
    2.995715
2232 Epoch:139 batch_num:5 t_c_loss:1.209388 t_sl_loss:2
    .995715
2233 Epoch:139 batch_num:6 t_c_loss:1.1791071 t_sl_loss:
    2.995715
2234 Epoch:139 batch_num:7 t_c_loss:1.2312897 t_sl_loss:
    2.995715
2235 Epoch:139 batch_num:8 t_c_loss:1.3421365 t_sl_loss:
    2.995715
2236 Epoch:139 batch_num:9 t_c_loss:1.1185348 t_sl_loss:
    2.995715
2237 Epoch:139 batch_num:10 t_c_loss:1.3958902 t_sl_loss
    :2.995715
2238 Epoch:139 batch_num:11 t_c_loss:1.1988659 t_sl_loss
    :2.995715
2239 Epoch:139 batch_num:12 t_c_loss:1.1796739 t_sl_loss
    :2.995715
2240 Epoch:139 batch_num:13 t_c_loss:1.4328327 t_sl_loss
    :-0.0
2241 epoch_num:139 accuracy_for_train:0.
    36398467432950193
2242 epoch_num:139 accuracy_for_test:0.311787072243346
2243 Epoch:140 batch_num:0 t_c_loss:1.2384994 t_sl_loss:
    2.995715
2244 Epoch:140 batch_num:1 t_c_loss:1.1840156 t_sl_loss:
```

```
2244 2.995715
2245 Epoch:140 batch_num:2 t_c_loss:1.1950403 t_sl_loss:
    2.995715
2246 Epoch:140 batch_num:3 t_c_loss:1.3732545 t_sl_loss:
    2.995715
2247 Epoch:140 batch_num:4 t_c_loss:1.2357575 t_sl_loss:
    2.995715
2248 Epoch:140 batch_num:5 t_c_loss:1.334803 t_sl_loss:2
    .995715
2249 Epoch:140 batch_num:6 t_c_loss:1.197713 t_sl_loss:2
    .995715
2250 Epoch:140 batch_num:7 t_c_loss:1.3752438 t_sl_loss:
    2.995715
2251 Epoch:140 batch_num:8 t_c_loss:1.1148484 t_sl_loss:
    2.995715
2252 Epoch:140 batch_num:9 t_c_loss:1.1432902 t_sl_loss:
    2.995715
2253 Epoch:140 batch_num:10 t_c_loss:1.1593235 t_sl_loss
    :2.995715
2254 Epoch:140 batch_num:11 t_c_loss:1.3209332 t_sl_loss
    :2.995715
2255 Epoch:140 batch_num:12 t_c_loss:1.1581665 t_sl_loss
    :2.995715
2256 Epoch:140 batch_num:13 t_c_loss:1.3531854 t_sl_loss
    :-0.0
2257 epoch_num:140 accuracy_for_train:0.
    41379310344827586
2258 epoch_num:140 accuracy_for_test:0.3155893536121673
2259 Epoch:141 batch_num:0 t_c_loss:1.2019813 t_sl_loss:
    2.995715
2260 Epoch:141 batch_num:1 t_c_loss:1.3959705 t_sl_loss:
    2.995715
2261 Epoch:141 batch_num:2 t_c_loss:1.0379096 t_sl_loss:
    2.995715
2262 Epoch:141 batch_num:3 t_c_loss:1.1176331 t_sl_loss:
    2.995715
2263 Epoch:141 batch_num:4 t_c_loss:1.32919 t_sl_loss:2.
    995715
2264 Epoch:141 batch_num:5 t_c_loss:1.1928589 t_sl_loss:
    2.995715
2265 Epoch:141 batch_num:6 t_c_loss:1.233256 t_sl_loss:2
```



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2265 .995715
2266 Epoch:141 batch_num:7 t_c_loss:1.0711205 t_sl_loss:
    2.995715
2267 Epoch:141 batch_num:8 t_c_loss:1.2818066 t_sl_loss:
    2.995715
2268 Epoch:141 batch_num:9 t_c_loss:1.0891106 t_sl_loss:
    2.995715
2269 Epoch:141 batch_num:10 t_c_loss:1.3524802 t_sl_loss
    :2.995715
2270 Epoch:141 batch_num:11 t_c_loss:1.4405868 t_sl_loss
    :2.9957147
2271 Epoch:141 batch_num:12 t_c_loss:1.212981 t_sl_loss:
    2.995715
2272 Epoch:141 batch_num:13 t_c_loss:1.5123762 t_sl_loss
    :-0.0
2273 epoch_num:141 accuracy_for_train:0.3831417624521073
2274 epoch_num:141 accuracy_for_test:0.3193916349809886
2275 Epoch:142 batch_num:0 t_c_loss:1.2652107 t_sl_loss:
    2.995715
2276 Epoch:142 batch_num:1 t_c_loss:1.154576 t_sl_loss:2
    .995715
2277 Epoch:142 batch_num:2 t_c_loss:1.2134082 t_sl_loss:
    2.995715
2278 Epoch:142 batch_num:3 t_c_loss:1.1134901 t_sl_loss:
    2.995715
2279 Epoch:142 batch_num:4 t_c_loss:1.159451 t_sl_loss:2
    .995715
2280 Epoch:142 batch_num:5 t_c_loss:1.2399577 t_sl_loss:
    2.995715
2281 Epoch:142 batch_num:6 t_c_loss:1.0804899 t_sl_loss:
    2.995715
2282 Epoch:142 batch_num:7 t_c_loss:1.2563251 t_sl_loss:
    2.995715
2283 Epoch:142 batch_num:8 t_c_loss:1.4514842 t_sl_loss:
    2.995715
2284 Epoch:142 batch_num:9 t_c_loss:1.1832587 t_sl_loss:
    2.995715
2285 Epoch:142 batch_num:10 t_c_loss:1.345469 t_sl_loss:
    2.995715
2286 Epoch:142 batch_num:11 t_c_loss:1.1727268 t_sl_loss
    :2.995715
```

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2287 Epoch:142 batch_num:12 t_c_loss:1.2380606 t_sl_loss
    :2.995715
2288 Epoch:142 batch_num:13 t_c_loss:1.4479171 t_sl_loss
    :-0.0
2289 epoch_num:142 accuracy_for_train:0.
    39080459770114945
2290 epoch_num:142 accuracy_for_test:0.33460076045627374
2291 Epoch:143 batch_num:0 t_c_loss:1.1338406 t_sl_loss:
    2.995715
2292 Epoch:143 batch_num:1 t_c_loss:1.3138978 t_sl_loss:
    2.995715
2293 Epoch:143 batch_num:2 t_c_loss:1.1567909 t_sl_loss:
    2.995715
2294 Epoch:143 batch_num:3 t_c_loss:1.1954515 t_sl_loss:
    2.9957163
2295 Epoch:143 batch_num:4 t_c_loss:1.22803 t_sl_loss:2.
    995715
2296 Epoch:143 batch_num:5 t_c_loss:1.2553551 t_sl_loss:
    2.995714
2297 Epoch:143 batch_num:6 t_c_loss:1.1847855 t_sl_loss:
    2.995715
2298 Epoch:143 batch_num:7 t_c_loss:1.2770957 t_sl_loss:
    2.995715
2299 Epoch:143 batch_num:8 t_c_loss:1.4550078 t_sl_loss:
    2.995715
2300 Epoch:143 batch_num:9 t_c_loss:1.2316678 t_sl_loss:
    2.995715
2301 Epoch:143 batch_num:10 t_c_loss:1.1362306 t_sl_loss
    :2.995715
2302 Epoch:143 batch_num:11 t_c_loss:1.0780146 t_sl_loss
    :2.995715
2303 Epoch:143 batch_num:12 t_c_loss:1.1333581 t_sl_loss
    :2.995715
2304 Epoch:143 batch_num:13 t_c_loss:1.4534565 t_sl_loss
    :-0.0
2305 epoch_num:143 accuracy_for_train:0.3716475095785441
2306 epoch_num:143 accuracy_for_test:0.2585551330798479
2307 Epoch:144 batch_num:0 t_c_loss:1.3813384 t_sl_loss:
    2.995715
2308 Epoch:144 batch_num:1 t_c_loss:1.1205401 t_sl_loss:
    2.995715
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2309 Epoch:144 batch_num:2 t_c_loss:1.2556572 t_sl_loss:
    2.995715
2310 Epoch:144 batch_num:3 t_c_loss:1.304187 t_sl_loss:2
    .995715
2311 Epoch:144 batch_num:4 t_c_loss:1.1473459 t_sl_loss:
    2.995715
2312 Epoch:144 batch_num:5 t_c_loss:1.1911083 t_sl_loss:
    2.995715
2313 Epoch:144 batch_num:6 t_c_loss:1.1151869 t_sl_loss:
    2.995715
2314 Epoch:144 batch_num:7 t_c_loss:1.31301 t_sl_loss:2.
    995715
2315 Epoch:144 batch_num:8 t_c_loss:1.1203234 t_sl_loss:
    2.995715
2316 Epoch:144 batch_num:9 t_c_loss:1.3022351 t_sl_loss:
    2.9957151
2317 Epoch:144 batch_num:10 t_c_loss:1.0253503 t_sl_loss
    :2.995715
2318 Epoch:144 batch_num:11 t_c_loss:1.2072487 t_sl_loss
    :2.995715
2319 Epoch:144 batch_num:12 t_c_loss:1.330061 t_sl_loss:
    2.995715
2320 Epoch:144 batch_num:13 t_c_loss:1.515226 t_sl_loss
    :-0.0
2321 epoch_num:144 accuracy_for_train:0.4367816091954023
2322 epoch_num:144 accuracy_for_test:0.3269961977186312
2323 Epoch:145 batch_num:0 t_c_loss:1.1936562 t_sl_loss:
    2.995715
2324 Epoch:145 batch_num:1 t_c_loss:1.1597011 t_sl_loss:
    2.995715
2325 Epoch:145 batch_num:2 t_c_loss:1.3100157 t_sl_loss:
    2.995715
2326 Epoch:145 batch_num:3 t_c_loss:1.2145448 t_sl_loss:
    2.995715
2327 Epoch:145 batch_num:4 t_c_loss:1.1510798 t_sl_loss:
    2.995715
2328 Epoch:145 batch_num:5 t_c_loss:1.1859875 t_sl_loss:
    2.995715
2329 Epoch:145 batch_num:6 t_c_loss:1.1291682 t_sl_loss:
    2.995715
2330 Epoch:145 batch_num:7 t_c_loss:1.2179458 t_sl_loss:

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2330 2.9958105
2331 Epoch:145 batch_num:8 t_c_loss:1.1776515 t_sl_loss:
    2.995715
2332 Epoch:145 batch_num:9 t_c_loss:1.144964 t_sl_loss:2
    .9956815
2333 Epoch:145 batch_num:10 t_c_loss:1.1893156 t_sl_loss
    :2.995715
2334 Epoch:145 batch_num:11 t_c_loss:1.1995008 t_sl_loss
    :2.995715
2335 Epoch:145 batch_num:12 t_c_loss:1.3553536 t_sl_loss
    :2.995715
2336 Epoch:145 batch_num:13 t_c_loss:1.3846432 t_sl_loss
    :-0.0
2337 epoch_num:145 accuracy_for_train:0.421455938697318
2338 epoch_num:145 accuracy_for_test:0.3574144486692015
2339 Epoch:146 batch_num:0 t_c_loss:1.2335926 t_sl_loss:
    2.995715
2340 Epoch:146 batch_num:1 t_c_loss:1.1129482 t_sl_loss:
    2.995715
2341 Epoch:146 batch_num:2 t_c_loss:1.2436382 t_sl_loss:
    2.995715
2342 Epoch:146 batch_num:3 t_c_loss:1.1941628 t_sl_loss:
    2.9957154
2343 Epoch:146 batch_num:4 t_c_loss:1.2423604 t_sl_loss:
    2.995715
2344 Epoch:146 batch_num:5 t_c_loss:1.2641791 t_sl_loss:
    2.995715
2345 Epoch:146 batch_num:6 t_c_loss:1.1749948 t_sl_loss:
    2.995715
2346 Epoch:146 batch_num:7 t_c_loss:1.1175506 t_sl_loss:
    2.9959385
2347 Epoch:146 batch_num:8 t_c_loss:1.2180126 t_sl_loss:
    2.995715
2348 Epoch:146 batch_num:9 t_c_loss:1.2868987 t_sl_loss:
    2.995715
2349 Epoch:146 batch_num:10 t_c_loss:1.2967031 t_sl_loss
    :2.995715
2350 Epoch:146 batch_num:11 t_c_loss:1.0096358 t_sl_loss
    :2.995715
2351 Epoch:146 batch_num:12 t_c_loss:1.1892059 t_sl_loss
    :2.995715
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2352 Epoch:146 batch_num:13 t_c_loss:1.4416782 t_sl_loss
    :-0.0
2353 epoch_num:146 accuracy_for_train:0.
    42528735632183906
2354 epoch_num:146 accuracy_for_test:0.3155893536121673
2355 Epoch:147 batch_num:0 t_c_loss:1.2202052 t_sl_loss:
    2.995715
2356 Epoch:147 batch_num:1 t_c_loss:1.1438854 t_sl_loss:
    2.995715
2357 Epoch:147 batch_num:2 t_c_loss:1.2580934 t_sl_loss:
    2.995715
2358 Epoch:147 batch_num:3 t_c_loss:1.0699241 t_sl_loss:
    2.995715
2359 Epoch:147 batch_num:4 t_c_loss:1.2450829 t_sl_loss:
    2.995715
2360 Epoch:147 batch_num:5 t_c_loss:1.2957689 t_sl_loss:
    2.995715
2361 Epoch:147 batch_num:6 t_c_loss:1.1901137 t_sl_loss:
    2.995715
2362 Epoch:147 batch_num:7 t_c_loss:1.0583797 t_sl_loss:
    2.9957156
2363 Epoch:147 batch_num:8 t_c_loss:1.1302856 t_sl_loss:
    2.995715
2364 Epoch:147 batch_num:9 t_c_loss:1.1136844 t_sl_loss:
    2.995715
2365 Epoch:147 batch_num:10 t_c_loss:1.459527 t_sl_loss:
    2.995715
2366 Epoch:147 batch_num:11 t_c_loss:0.92240083
    t_sl_loss:2.995715
2367 Epoch:147 batch_num:12 t_c_loss:1.1595312 t_sl_loss
    :2.995715
2368 Epoch:147 batch_num:13 t_c_loss:1.4563968 t_sl_loss
    :-0.0
2369 epoch_num:147 accuracy_for_train:0.4482758620689655
2370 epoch_num:147 accuracy_for_test:0.3574144486692015
2371 Epoch:148 batch_num:0 t_c_loss:1.11562 t_sl_loss:2.
    995715
2372 Epoch:148 batch_num:1 t_c_loss:1.3152071 t_sl_loss:
    2.995715
2373 Epoch:148 batch_num:2 t_c_loss:1.1826546 t_sl_loss:
    2.995715
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2374 Epoch:148 batch_num:3 t_c_loss:1.0620259 t_sl_loss:
    2.995715
2375 Epoch:148 batch_num:4 t_c_loss:1.2554381 t_sl_loss:
    2.995715
2376 Epoch:148 batch_num:5 t_c_loss:1.1614418 t_sl_loss:
    2.995715
2377 Epoch:148 batch_num:6 t_c_loss:1.3381935 t_sl_loss:
    2.995715
2378 Epoch:148 batch_num:7 t_c_loss:1.1681368 t_sl_loss:
    2.995715
2379 Epoch:148 batch_num:8 t_c_loss:1.2096021 t_sl_loss:
    2.995715
2380 Epoch:148 batch_num:9 t_c_loss:1.0545385 t_sl_loss:
    2.995715
2381 Epoch:148 batch_num:10 t_c_loss:1.3702444 t_sl_loss
    :2.995715
2382 Epoch:148 batch_num:11 t_c_loss:1.4649738 t_sl_loss
    :2.995715
2383 Epoch:148 batch_num:12 t_c_loss:1.0021588 t_sl_loss
    :2.995715
2384 Epoch:148 batch_num:13 t_c_loss:1.3630695 t_sl_loss
    :-0.0
2385 epoch_num:148 accuracy_for_train:0.
    41762452107279696
2386 epoch_num:148 accuracy_for_test:0.3193916349809886
2387 Epoch:149 batch_num:0 t_c_loss:1.3083626 t_sl_loss:
    2.995715
2388 Epoch:149 batch_num:1 t_c_loss:1.2809513 t_sl_loss:
    2.995715
2389 Epoch:149 batch_num:2 t_c_loss:1.1673111 t_sl_loss:
    2.995715
2390 Epoch:149 batch_num:3 t_c_loss:1.1883447 t_sl_loss:
    2.995715
2391 Epoch:149 batch_num:4 t_c_loss:1.3358896 t_sl_loss:
    2.995715
2392 Epoch:149 batch_num:5 t_c_loss:1.3693941 t_sl_loss:
    2.995715
2393 Epoch:149 batch_num:6 t_c_loss:1.0111465 t_sl_loss:
    2.995715
2394 Epoch:149 batch_num:7 t_c_loss:1.2341164 t_sl_loss:
    2.995715
```

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2395 Epoch:149 batch_num:8 t_c_loss:1.146594 t_sl_loss:2
    .995715
2396 Epoch:149 batch_num:9 t_c_loss:1.1034801 t_sl_loss:
    2.995715
2397 Epoch:149 batch_num:10 t_c_loss:1.1962011 t_sl_loss
    :2.995715
2398 Epoch:149 batch_num:11 t_c_loss:1.1236883 t_sl_loss
    :2.995715
2399 Epoch:149 batch_num:12 t_c_loss:1.2058051 t_sl_loss
    :2.995715
2400 Epoch:149 batch_num:13 t_c_loss:1.1908079 t_sl_loss
    :-0.0
2401 epoch_num:149 accuracy_for_train:0.
    41379310344827586
2402 epoch_num:149 accuracy_for_test:0.3155893536121673
2403 Epoch:150 batch_num:0 t_c_loss:1.1929755 t_sl_loss:
    2.995715
2404 Epoch:150 batch_num:1 t_c_loss:1.2738392 t_sl_loss:
    2.995715
2405 Epoch:150 batch_num:2 t_c_loss:1.4510257 t_sl_loss:
    2.995715
2406 Epoch:150 batch_num:3 t_c_loss:1.1869339 t_sl_loss:
    2.995715
2407 Epoch:150 batch_num:4 t_c_loss:1.0750905 t_sl_loss:
    2.995715
2408 Epoch:150 batch_num:5 t_c_loss:1.0442156 t_sl_loss:
    2.995715
2409 Epoch:150 batch_num:6 t_c_loss:1.1432397 t_sl_loss:
    2.995715
2410 Epoch:150 batch_num:7 t_c_loss:1.129048 t_sl_loss:2
    .995715
2411 Epoch:150 batch_num:8 t_c_loss:1.2093002 t_sl_loss:
    2.995715
2412 Epoch:150 batch_num:9 t_c_loss:1.284696 t_sl_loss:2
    .995715
2413 Epoch:150 batch_num:10 t_c_loss:1.3408079 t_sl_loss
    :2.995715
2414 Epoch:150 batch_num:11 t_c_loss:1.0352877 t_sl_loss
    :2.995715
2415 Epoch:150 batch_num:12 t_c_loss:1.0497906 t_sl_loss
    :2.995715
```

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2416 Epoch:150 batch_num:13 t_c_loss:1.4285707 t_sl_loss
    :-0.0
2417 epoch_num:150 accuracy_for_train:0.4329501915708812
2418 epoch_num:150 accuracy_for_test:0.33460076045627374
2419 Epoch:151 batch_num:0 t_c_loss:1.2275467 t_sl_loss:
    2.995715
2420 Epoch:151 batch_num:1 t_c_loss:1.0842328 t_sl_loss:
    2.995715
2421 Epoch:151 batch_num:2 t_c_loss:1.1144211 t_sl_loss:
    2.995715
2422 Epoch:151 batch_num:3 t_c_loss:1.253948 t_sl_loss:2
    .995715
2423 Epoch:151 batch_num:4 t_c_loss:1.286663 t_sl_loss:2
    .995715
2424 Epoch:151 batch_num:5 t_c_loss:1.1200501 t_sl_loss:
    2.995715
2425 Epoch:151 batch_num:6 t_c_loss:1.3040941 t_sl_loss:
    2.995715
2426 Epoch:151 batch_num:7 t_c_loss:1.0850865 t_sl_loss:
    2.995715
2427 Epoch:151 batch_num:8 t_c_loss:1.129483 t_sl_loss:2
    .995715
2428 Epoch:151 batch_num:9 t_c_loss:1.1901081 t_sl_loss:
    2.995715
2429 Epoch:151 batch_num:10 t_c_loss:1.296352 t_sl_loss:
    2.995715
2430 Epoch:151 batch_num:11 t_c_loss:1.1157758 t_sl_loss
    :2.995715
2431 Epoch:151 batch_num:12 t_c_loss:1.2404016 t_sl_loss
    :2.995715
2432 Epoch:151 batch_num:13 t_c_loss:1.2217197 t_sl_loss
    :-0.0
2433 epoch_num:151 accuracy_for_train:0.4329501915708812
2434 epoch_num:151 accuracy_for_test:0.34600760456273766
2435 Epoch:152 batch_num:0 t_c_loss:1.1683977 t_sl_loss:
    2.995715
2436 Epoch:152 batch_num:1 t_c_loss:1.3076885 t_sl_loss:
    2.9957147
2437 Epoch:152 batch_num:2 t_c_loss:1.1850243 t_sl_loss:
    2.995715
2438 Epoch:152 batch_num:3 t_c_loss:1.2942934 t_sl_loss:
```



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2438 2.995715
2439 Epoch:152 batch_num:4 t_c_loss:0.976885 t_sl_loss:2
    .995715
2440 Epoch:152 batch_num:5 t_c_loss:1.2502975 t_sl_loss:
    2.995715
2441 Epoch:152 batch_num:6 t_c_loss:1.232277 t_sl_loss:2
    .995715
2442 Epoch:152 batch_num:7 t_c_loss:1.0849246 t_sl_loss:
    2.995715
2443 Epoch:152 batch_num:8 t_c_loss:1.0212524 t_sl_loss:
    2.995715
2444 Epoch:152 batch_num:9 t_c_loss:1.3692473 t_sl_loss:
    2.995715
2445 Epoch:152 batch_num:10 t_c_loss:1.0989193 t_sl_loss
    :2.995715
2446 Epoch:152 batch_num:11 t_c_loss:1.1806072 t_sl_loss
    :2.995715
2447 Epoch:152 batch_num:12 t_c_loss:1.4078987 t_sl_loss
    :2.995715
2448 Epoch:152 batch_num:13 t_c_loss:1.1506006 t_sl_loss
    :-0.0
2449 epoch_num:152 accuracy_for_train:0.
    42528735632183906
2450 epoch_num:152 accuracy_for_test:0.34980988593155893
2451 Epoch:153 batch_num:0 t_c_loss:1.2210615 t_sl_loss:
    2.995715
2452 Epoch:153 batch_num:1 t_c_loss:0.9893112 t_sl_loss:
    2.995715
2453 Epoch:153 batch_num:2 t_c_loss:1.1762507 t_sl_loss:
    2.995715
2454 Epoch:153 batch_num:3 t_c_loss:1.2461712 t_sl_loss:
    2.995715
2455 Epoch:153 batch_num:4 t_c_loss:1.1120539 t_sl_loss:
    2.995715
2456 Epoch:153 batch_num:5 t_c_loss:1.2823398 t_sl_loss:
    2.995715
2457 Epoch:153 batch_num:6 t_c_loss:1.2038574 t_sl_loss:
    2.995715
2458 Epoch:153 batch_num:7 t_c_loss:1.1918013 t_sl_loss:
    2.995715
2459 Epoch:153 batch_num:8 t_c_loss:1.1845516 t_sl_loss:
```

```
2459 2.995715
2460 Epoch:153 batch_num:9 t_c_loss:1.3810909 t_sl_loss:
    2.995715
2461 Epoch:153 batch_num:10 t_c_loss:1.1297619 t_sl_loss
    :2.995715
2462 Epoch:153 batch_num:11 t_c_loss:1.3829811 t_sl_loss
    :2.995715
2463 Epoch:153 batch_num:12 t_c_loss:1.0733854 t_sl_loss
    :2.995715
2464 Epoch:153 batch_num:13 t_c_loss:1.5504135 t_sl_loss
    :-0.0
2465 epoch_num:153 accuracy_for_train:0.421455938697318
2466 epoch_num:153 accuracy_for_test:0.34600760456273766
2467 Epoch:154 batch_num:0 t_c_loss:1.1433387 t_sl_loss:
    2.995715
2468 Epoch:154 batch_num:1 t_c_loss:1.2045672 t_sl_loss:
    2.9957147
2469 Epoch:154 batch_num:2 t_c_loss:1.2412878 t_sl_loss:
    2.995715
2470 Epoch:154 batch_num:3 t_c_loss:1.1538126 t_sl_loss:
    2.995715
2471 Epoch:154 batch_num:4 t_c_loss:1.0785776 t_sl_loss:
    2.995715
2472 Epoch:154 batch_num:5 t_c_loss:1.0535878 t_sl_loss:
    2.995715
2473 Epoch:154 batch_num:6 t_c_loss:1.0904243 t_sl_loss:
    2.995715
2474 Epoch:154 batch_num:7 t_c_loss:1.2231543 t_sl_loss:
    2.995715
2475 Epoch:154 batch_num:8 t_c_loss:1.4074826 t_sl_loss:
    2.995715
2476 Epoch:154 batch_num:9 t_c_loss:1.2899563 t_sl_loss:
    2.995715
2477 Epoch:154 batch_num:10 t_c_loss:1.4261973 t_sl_loss
    :2.995715
2478 Epoch:154 batch_num:11 t_c_loss:1.2491382 t_sl_loss
    :2.995715
2479 Epoch:154 batch_num:12 t_c_loss:0.9643585 t_sl_loss
    :2.9957151
2480 Epoch:154 batch_num:13 t_c_loss:1.5146312 t_sl_loss
    :-0.0
```

```
2481 epoch_num:154 accuracy_for_train:0.421455938697318
2482 epoch_num:154 accuracy_for_test:0.34600760456273766
2483 Epoch:155 batch_num:0 t_c_loss:1.1803727 t_sl_loss:
    2.995715
2484 Epoch:155 batch_num:1 t_c_loss:1.1656331 t_sl_loss:
    2.9957151
2485 Epoch:155 batch_num:2 t_c_loss:1.2778431 t_sl_loss:
    2.995715
2486 Epoch:155 batch_num:3 t_c_loss:1.1616201 t_sl_loss:
    2.995715
2487 Epoch:155 batch_num:4 t_c_loss:1.050591 t_sl_loss:2
    .995715
2488 Epoch:155 batch_num:5 t_c_loss:1.3132526 t_sl_loss:
    2.995715
2489 Epoch:155 batch_num:6 t_c_loss:1.2731762 t_sl_loss:
    2.995715
2490 Epoch:155 batch_num:7 t_c_loss:1.107383 t_sl_loss:2
    .995715
2491 Epoch:155 batch_num:8 t_c_loss:1.0100234 t_sl_loss:
    2.995715
2492 Epoch:155 batch_num:9 t_c_loss:1.3937815 t_sl_loss:
    2.995715
2493 Epoch:155 batch_num:10 t_c_loss:1.2524775 t_sl_loss
    :2.995715
2494 Epoch:155 batch_num:11 t_c_loss:1.1685926 t_sl_loss
    :2.995715
2495 Epoch:155 batch_num:12 t_c_loss:1.1068729 t_sl_loss
    :2.995715
2496 Epoch:155 batch_num:13 t_c_loss:1.5405254 t_sl_loss
    :-0.0
2497 epoch_num:155 accuracy_for_train:0.4099616858237548
2498 epoch_num:155 accuracy_for_test:0.35361216730038025
2499 Epoch:156 batch_num:0 t_c_loss:1.1266963 t_sl_loss:
    2.995715
2500 Epoch:156 batch_num:1 t_c_loss:1.189409 t_sl_loss:2
    .995715
2501 Epoch:156 batch_num:2 t_c_loss:1.2578847 t_sl_loss:
    2.9957142
2502 Epoch:156 batch_num:3 t_c_loss:1.1514877 t_sl_loss:
    2.995715
2503 Epoch:156 batch_num:4 t_c_loss:1.1332406 t_sl_loss:
```

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2503 2.995715
2504 Epoch:156 batch_num:5 t_c_loss:1.2530932 t_sl_loss:
    2.995715
2505 Epoch:156 batch_num:6 t_c_loss:1.0842445 t_sl_loss:
    2.995715
2506 Epoch:156 batch_num:7 t_c_loss:1.2355214 t_sl_loss:
    2.995715
2507 Epoch:156 batch_num:8 t_c_loss:1.2581935 t_sl_loss:
    2.995715
2508 Epoch:156 batch_num:9 t_c_loss:1.106025 t_sl_loss:2
    .995715
2509 Epoch:156 batch_num:10 t_c_loss:1.1079079 t_sl_loss
    :2.995715
2510 Epoch:156 batch_num:11 t_c_loss:1.2779758 t_sl_loss
    :2.995715
2511 Epoch:156 batch_num:12 t_c_loss:1.205449 t_sl_loss:
    2.995715
2512 Epoch:156 batch_num:13 t_c_loss:1.7303483 t_sl_loss
    :-0.0
2513 epoch_num:156 accuracy_for_train:0.3946360153256705
2514 epoch_num:156 accuracy_for_test:0.3612167300380228
2515 Epoch:157 batch_num:0 t_c_loss:1.1081063 t_sl_loss:
    2.995715
2516 Epoch:157 batch_num:1 t_c_loss:1.151171 t_sl_loss:2
    .995715
2517 Epoch:157 batch_num:2 t_c_loss:1.1466296 t_sl_loss:
    2.995715
2518 Epoch:157 batch_num:3 t_c_loss:1.1783619 t_sl_loss:
    2.995715
2519 Epoch:157 batch_num:4 t_c_loss:1.1427661 t_sl_loss:
    2.995715
2520 Epoch:157 batch_num:5 t_c_loss:1.4386852 t_sl_loss:
    2.995715
2521 Epoch:157 batch_num:6 t_c_loss:1.1470706 t_sl_loss:
    2.995715
2522 Epoch:157 batch_num:7 t_c_loss:1.279479 t_sl_loss:2
    .995715
2523 Epoch:157 batch_num:8 t_c_loss:1.2033031 t_sl_loss:
    2.995715
2524 Epoch:157 batch_num:9 t_c_loss:1.3714192 t_sl_loss:
    2.9957147
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2525 Epoch:157 batch_num:10 t_c_loss:1.2990448 t_sl_loss
    :2.995715
2526 Epoch:157 batch_num:11 t_c_loss:1.1871705 t_sl_loss
    :2.995715
2527 Epoch:157 batch_num:12 t_c_loss:1.124759 t_sl_loss:
    2.995715
2528 Epoch:157 batch_num:13 t_c_loss:1.3831155 t_sl_loss
    :-0.0
2529 epoch_num:157 accuracy_for_train:0.4329501915708812
2530 epoch_num:157 accuracy_for_test:0.35361216730038025
2531 Epoch:158 batch_num:0 t_c_loss:1.2001327 t_sl_loss:
    2.995715
2532 Epoch:158 batch_num:1 t_c_loss:1.325558 t_sl_loss:2
    .995715
2533 Epoch:158 batch_num:2 t_c_loss:1.110911 t_sl_loss:2
    .995715
2534 Epoch:158 batch_num:3 t_c_loss:1.259385 t_sl_loss:2
    .995715
2535 Epoch:158 batch_num:4 t_c_loss:1.0225599 t_sl_loss:
    2.995715
2536 Epoch:158 batch_num:5 t_c_loss:1.2007041 t_sl_loss:
    2.995715
2537 Epoch:158 batch_num:6 t_c_loss:1.1076776 t_sl_loss:
    2.995715
2538 Epoch:158 batch_num:7 t_c_loss:1.1400375 t_sl_loss:
    2.995715
2539 Epoch:158 batch_num:8 t_c_loss:1.2002176 t_sl_loss:
    2.995715
2540 Epoch:158 batch_num:9 t_c_loss:1.1656096 t_sl_loss:
    2.995715
2541 Epoch:158 batch_num:10 t_c_loss:1.2502755 t_sl_loss
    :2.995715
2542 Epoch:158 batch_num:11 t_c_loss:1.4057426 t_sl_loss
    :2.995715
2543 Epoch:158 batch_num:12 t_c_loss:1.2458036 t_sl_loss
    :2.995715
2544 Epoch:158 batch_num:13 t_c_loss:1.0150447 t_sl_loss
    :-0.0
2545 epoch_num:158 accuracy_for_train:0.
    41379310344827586
2546 epoch_num:158 accuracy_for_test:0.3231939163498099

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2547 Epoch:159 batch_num:0 t_c_loss:1.1115006 t_sl_loss:
    2.995715
2548 Epoch:159 batch_num:1 t_c_loss:1.184762 t_sl_loss:2
    .995715
2549 Epoch:159 batch_num:2 t_c_loss:1.2605251 t_sl_loss:
    2.9957151
2550 Epoch:159 batch_num:3 t_c_loss:1.1256788 t_sl_loss:
    2.995715
2551 Epoch:159 batch_num:4 t_c_loss:1.343949 t_sl_loss:2
    .995715
2552 Epoch:159 batch_num:5 t_c_loss:1.1747552 t_sl_loss:
    2.995715
2553 Epoch:159 batch_num:6 t_c_loss:1.2180735 t_sl_loss:
    2.995715
2554 Epoch:159 batch_num:7 t_c_loss:1.10723 t_sl_loss:2.
    995715
2555 Epoch:159 batch_num:8 t_c_loss:1.2565674 t_sl_loss:
    2.995715
2556 Epoch:159 batch_num:9 t_c_loss:1.136739 t_sl_loss:2
    .995715
2557 Epoch:159 batch_num:10 t_c_loss:1.294804 t_sl_loss:
    2.995715
2558 Epoch:159 batch_num:11 t_c_loss:1.1754895 t_sl_loss
    :2.995715
2559 Epoch:159 batch_num:12 t_c_loss:1.2112756 t_sl_loss
    :2.995715
2560 Epoch:159 batch_num:13 t_c_loss:1.5520307 t_sl_loss
    :-0.0
2561 epoch_num:159 accuracy_for_train:0.
    42528735632183906
2562 epoch_num:159 accuracy_for_test:0.33460076045627374
2563 Epoch:160 batch_num:0 t_c_loss:1.2528332 t_sl_loss:
    2.995715
2564 Epoch:160 batch_num:1 t_c_loss:1.1201956 t_sl_loss:
    2.995715
2565 Epoch:160 batch_num:2 t_c_loss:1.1476433 t_sl_loss:
    2.995715
2566 Epoch:160 batch_num:3 t_c_loss:1.3162606 t_sl_loss:
    2.995715
2567 Epoch:160 batch_num:4 t_c_loss:1.2198601 t_sl_loss:
    2.995715
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2568 Epoch:160 batch_num:5 t_c_loss:1.2826722 t_sl_loss:
    2.995715
2569 Epoch:160 batch_num:6 t_c_loss:1.3216031 t_sl_loss:
    2.995715
2570 Epoch:160 batch_num:7 t_c_loss:1.3178297 t_sl_loss:
    2.995715
2571 Epoch:160 batch_num:8 t_c_loss:1.0497295 t_sl_loss:
    2.995715
2572 Epoch:160 batch_num:9 t_c_loss:1.0585086 t_sl_loss:
    2.995715
2573 Epoch:160 batch_num:10 t_c_loss:1.2178388 t_sl_loss
    :2.995715
2574 Epoch:160 batch_num:11 t_c_loss:1.1888766 t_sl_loss
    :2.995715
2575 Epoch:160 batch_num:12 t_c_loss:1.1274226 t_sl_loss
    :2.995715
2576 Epoch:160 batch_num:13 t_c_loss:1.3016748 t_sl_loss
    :-0.0
2577 epoch_num:160 accuracy_for_train:0.3716475095785441
2578 epoch_num:160 accuracy_for_test:0.3041825095057034
2579 Epoch:161 batch_num:0 t_c_loss:1.2586105 t_sl_loss:
    2.995715
2580 Epoch:161 batch_num:1 t_c_loss:1.0617056 t_sl_loss:
    2.995715
2581 Epoch:161 batch_num:2 t_c_loss:1.0663507 t_sl_loss:
    2.995715
2582 Epoch:161 batch_num:3 t_c_loss:1.1915815 t_sl_loss:
    2.995715
2583 Epoch:161 batch_num:4 t_c_loss:1.3238543 t_sl_loss:
    2.995715
2584 Epoch:161 batch_num:5 t_c_loss:1.0338511 t_sl_loss:
    2.995715
2585 Epoch:161 batch_num:6 t_c_loss:1.237784 t_sl_loss:2
    .995715
2586 Epoch:161 batch_num:7 t_c_loss:1.190676 t_sl_loss:2
    .995715
2587 Epoch:161 batch_num:8 t_c_loss:1.147475 t_sl_loss:2
    .995715
2588 Epoch:161 batch_num:9 t_c_loss:1.194648 t_sl_loss:2
    .995715
2589 Epoch:161 batch_num:10 t_c_loss:1.1696161 t_sl_loss
```

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2589 :2.995715
2590 Epoch:161 batch_num:11 t_c_loss:1.2586627 t_sl_loss
    :2.995715
2591 Epoch:161 batch_num:12 t_c_loss:1.184078 t_sl_loss:
    2.995715
2592 Epoch:161 batch_num:13 t_c_loss:1.3072146 t_sl_loss
    :-0.0
2593 epoch_num:161 accuracy_for_train:0.
    39846743295019155
2594 epoch_num:161 accuracy_for_test:0.34600760456273766
2595 Epoch:162 batch_num:0 t_c_loss:1.2886736 t_sl_loss:
    2.995715
2596 Epoch:162 batch_num:1 t_c_loss:1.1269631 t_sl_loss:
    2.995715
2597 Epoch:162 batch_num:2 t_c_loss:1.2853531 t_sl_loss:
    2.995715
2598 Epoch:162 batch_num:3 t_c_loss:1.3098541 t_sl_loss:
    2.995715
2599 Epoch:162 batch_num:4 t_c_loss:1.2085295 t_sl_loss:
    2.995715
2600 Epoch:162 batch_num:5 t_c_loss:1.2193125 t_sl_loss:
    2.995715
2601 Epoch:162 batch_num:6 t_c_loss:1.0311742 t_sl_loss:
    2.995715
2602 Epoch:162 batch_num:7 t_c_loss:1.2668502 t_sl_loss:
    2.995715
2603 Epoch:162 batch_num:8 t_c_loss:1.0867122 t_sl_loss:
    2.995715
2604 Epoch:162 batch_num:9 t_c_loss:1.3587791 t_sl_loss:
    2.995715
2605 Epoch:162 batch_num:10 t_c_loss:1.0567384 t_sl_loss
    :2.995715
2606 Epoch:162 batch_num:11 t_c_loss:1.1087539 t_sl_loss
    :2.995715
2607 Epoch:162 batch_num:12 t_c_loss:1.1261948 t_sl_loss
    :2.995715
2608 Epoch:162 batch_num:13 t_c_loss:1.1448995 t_sl_loss
    :-0.0
2609 epoch_num:162 accuracy_for_train:0.
    39080459770114945
2610 epoch_num:162 accuracy_for_test:0.33460076045627374
```



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2611 Epoch:163 batch_num:0 t_c_loss:1.1738684 t_sl_loss:
    2.995715
2612 Epoch:163 batch_num:1 t_c_loss:1.2122782 t_sl_loss:
    2.9957151
2613 Epoch:163 batch_num:2 t_c_loss:1.2379308 t_sl_loss:
    2.995715
2614 Epoch:163 batch_num:3 t_c_loss:1.2380836 t_sl_loss:
    2.995715
2615 Epoch:163 batch_num:4 t_c_loss:1.405952 t_sl_loss:2
    .995715
2616 Epoch:163 batch_num:5 t_c_loss:0.974233 t_sl_loss:2
    .995715
2617 Epoch:163 batch_num:6 t_c_loss:1.1372677 t_sl_loss:
    2.995715
2618 Epoch:163 batch_num:7 t_c_loss:1.1463611 t_sl_loss:
    2.995715
2619 Epoch:163 batch_num:8 t_c_loss:1.1556954 t_sl_loss:
    2.995715
2620 Epoch:163 batch_num:9 t_c_loss:1.2864368 t_sl_loss:
    2.995715
2621 Epoch:163 batch_num:10 t_c_loss:1.1323504 t_sl_loss
    :2.995715
2622 Epoch:163 batch_num:11 t_c_loss:1.2966533 t_sl_loss
    :2.995715
2623 Epoch:163 batch_num:12 t_c_loss:1.0203212 t_sl_loss
    :2.995715
2624 Epoch:163 batch_num:13 t_c_loss:1.1367002 t_sl_loss
    :-0.0
2625 epoch_num:163 accuracy_for_train:0.4482758620689655
2626 epoch_num:163 accuracy_for_test:0.33840304182509506
2627 Epoch:164 batch_num:0 t_c_loss:1.2385523 t_sl_loss:
    2.9957151
2628 Epoch:164 batch_num:1 t_c_loss:1.2436819 t_sl_loss:
    2.995715
2629 Epoch:164 batch_num:2 t_c_loss:1.0781062 t_sl_loss:
    2.995715
2630 Epoch:164 batch_num:3 t_c_loss:1.369663 t_sl_loss:2
    .995715
2631 Epoch:164 batch_num:4 t_c_loss:1.1491374 t_sl_loss:
    2.995715
2632 Epoch:164 batch_num:5 t_c_loss:1.2244837 t_sl_loss:

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2632 2.995715
2633 Epoch:164 batch_num:6 t_c_loss:1.1991711 t_sl_loss:
      2.995715
2634 Epoch:164 batch_num:7 t_c_loss:1.0657699 t_sl_loss:
      2.995715
2635 Epoch:164 batch_num:8 t_c_loss:1.1074724 t_sl_loss:
      2.995715
2636 Epoch:164 batch_num:9 t_c_loss:1.5830104 t_sl_loss:
      2.995715
2637 Epoch:164 batch_num:10 t_c_loss:1.1475079 t_sl_loss
      :2.995715
2638 Epoch:164 batch_num:11 t_c_loss:1.184724 t_sl_loss:
      2.995715
2639 Epoch:164 batch_num:12 t_c_loss:1.147563 t_sl_loss:
      2.995715
2640 Epoch:164 batch_num:13 t_c_loss:1.3864266 t_sl_loss
      :-0.0
2641 epoch_num:164 accuracy_for_train:0.421455938697318
2642 epoch_num:164 accuracy_for_test:0.3612167300380228
2643 Epoch:165 batch_num:0 t_c_loss:1.1128609 t_sl_loss:
      2.995715
2644 Epoch:165 batch_num:1 t_c_loss:1.2915895 t_sl_loss:
      2.995715
2645 Epoch:165 batch_num:2 t_c_loss:1.0527033 t_sl_loss:
      2.995715
2646 Epoch:165 batch_num:3 t_c_loss:1.0453337 t_sl_loss:
      2.995715
2647 Epoch:165 batch_num:4 t_c_loss:1.2281854 t_sl_loss:
      2.995715
2648 Epoch:165 batch_num:5 t_c_loss:1.3314902 t_sl_loss:
      2.995715
2649 Epoch:165 batch_num:6 t_c_loss:1.2133679 t_sl_loss:
      2.995715
2650 Epoch:165 batch_num:7 t_c_loss:1.1146687 t_sl_loss:
      2.995715
2651 Epoch:165 batch_num:8 t_c_loss:1.4408791 t_sl_loss:
      2.995715
2652 Epoch:165 batch_num:9 t_c_loss:1.0904262 t_sl_loss:
      2.995715
2653 Epoch:165 batch_num:10 t_c_loss:1.2283387 t_sl_loss
      :2.9957147
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2654 Epoch:165 batch_num:11 t_c_loss:1.2685088 t_sl_loss
:2.995715
2655 Epoch:165 batch_num:12 t_c_loss:1.19331 t_sl_loss:2
.995715
2656 Epoch:165 batch_num:13 t_c_loss:1.0866067 t_sl_loss
:-0.0
2657 epoch_num:165 accuracy_for_train:0.
42528735632183906
2658 epoch_num:165 accuracy_for_test:0.34220532319391633
2659 Epoch:166 batch_num:0 t_c_loss:1.1021655 t_sl_loss:
2.995715
2660 Epoch:166 batch_num:1 t_c_loss:1.2748898 t_sl_loss:
2.995715
2661 Epoch:166 batch_num:2 t_c_loss:1.5057361 t_sl_loss:
2.995715
2662 Epoch:166 batch_num:3 t_c_loss:1.0661776 t_sl_loss:
2.995715
2663 Epoch:166 batch_num:4 t_c_loss:1.1602132 t_sl_loss:
2.995715
2664 Epoch:166 batch_num:5 t_c_loss:1.167963 t_sl_loss:2
.995715
2665 Epoch:166 batch_num:6 t_c_loss:1.0092583 t_sl_loss:
2.995715
2666 Epoch:166 batch_num:7 t_c_loss:1.182289 t_sl_loss:2
.995715
2667 Epoch:166 batch_num:8 t_c_loss:1.2386603 t_sl_loss:
2.995715
2668 Epoch:166 batch_num:9 t_c_loss:1.5254207 t_sl_loss:
2.995715
2669 Epoch:166 batch_num:10 t_c_loss:1.1379915 t_sl_loss
:2.995715
2670 Epoch:166 batch_num:11 t_c_loss:1.095533 t_sl_loss:
2.995715
2671 Epoch:166 batch_num:12 t_c_loss:1.2498227 t_sl_loss
:2.995715
2672 Epoch:166 batch_num:13 t_c_loss:1.80801 t_sl_loss:-
0.0
2673 epoch_num:166 accuracy_for_train:0.3946360153256705
2674 epoch_num:166 accuracy_for_test:0.33460076045627374
2675 Epoch:167 batch_num:0 t_c_loss:1.139867 t_sl_loss:2
.995715
```

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2676 Epoch:167 batch_num:1 t_c_loss:1.2215368 t_sl_loss:
    2.995715
2677 Epoch:167 batch_num:2 t_c_loss:1.3239388 t_sl_loss:
    2.995715
2678 Epoch:167 batch_num:3 t_c_loss:1.1536099 t_sl_loss:
    2.995715
2679 Epoch:167 batch_num:4 t_c_loss:1.1850723 t_sl_loss:
    2.995715
2680 Epoch:167 batch_num:5 t_c_loss:1.304705 t_sl_loss:2
    .995715
2681 Epoch:167 batch_num:6 t_c_loss:1.2327187 t_sl_loss:
    2.995715
2682 Epoch:167 batch_num:7 t_c_loss:1.0207585 t_sl_loss:
    2.995715
2683 Epoch:167 batch_num:8 t_c_loss:1.237273 t_sl_loss:2
    .995715
2684 Epoch:167 batch_num:9 t_c_loss:1.1080201 t_sl_loss:
    2.995715
2685 Epoch:167 batch_num:10 t_c_loss:1.3592333 t_sl_loss
    :2.995715
2686 Epoch:167 batch_num:11 t_c_loss:1.3083413 t_sl_loss
    :2.9957144
2687 Epoch:167 batch_num:12 t_c_loss:1.0601362 t_sl_loss
    :2.995715
2688 Epoch:167 batch_num:13 t_c_loss:1.7013166 t_sl_loss
    :-0.0
2689 epoch_num:167 accuracy_for_train:0.4329501915708812
2690 epoch_num:167 accuracy_for_test:0.34600760456273766
2691 Epoch:168 batch_num:0 t_c_loss:1.2388569 t_sl_loss:
    2.995715
2692 Epoch:168 batch_num:1 t_c_loss:1.035946 t_sl_loss:2
    .995715
2693 Epoch:168 batch_num:2 t_c_loss:1.3097146 t_sl_loss:
    2.995715
2694 Epoch:168 batch_num:3 t_c_loss:1.371768 t_sl_loss:2
    .995715
2695 Epoch:168 batch_num:4 t_c_loss:1.0487968 t_sl_loss:
    2.9957755
2696 Epoch:168 batch_num:5 t_c_loss:1.0752568 t_sl_loss:
    2.995715
2697 Epoch:168 batch_num:6 t_c_loss:1.2523776 t_sl_loss:
```

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2697 2.995715
2698 Epoch:168 batch_num:7 t_c_loss:1.147128 t_sl_loss:2
    .995715
2699 Epoch:168 batch_num:8 t_c_loss:1.1379923 t_sl_loss:
    2.995715
2700 Epoch:168 batch_num:9 t_c_loss:1.2842486 t_sl_loss:
    2.995715
2701 Epoch:168 batch_num:10 t_c_loss:1.1355696 t_sl_loss
    :2.995715
2702 Epoch:168 batch_num:11 t_c_loss:1.1949896 t_sl_loss
    :2.995715
2703 Epoch:168 batch_num:12 t_c_loss:1.1879591 t_sl_loss
    :2.995715
2704 Epoch:168 batch_num:13 t_c_loss:1.4475272 t_sl_loss
    :-0.0
2705 epoch_num:168 accuracy_for_train:0.
    39080459770114945
2706 epoch_num:168 accuracy_for_test:0.33840304182509506
2707 Epoch:169 batch_num:0 t_c_loss:1.2848408 t_sl_loss:
    2.995715
2708 Epoch:169 batch_num:1 t_c_loss:1.1256664 t_sl_loss:
    2.995715
2709 Epoch:169 batch_num:2 t_c_loss:1.2000849 t_sl_loss:
    2.995715
2710 Epoch:169 batch_num:3 t_c_loss:1.1963842 t_sl_loss:
    2.995715
2711 Epoch:169 batch_num:4 t_c_loss:1.3552903 t_sl_loss:
    2.995715
2712 Epoch:169 batch_num:5 t_c_loss:1.1200945 t_sl_loss:
    2.995715
2713 Epoch:169 batch_num:6 t_c_loss:1.1045164 t_sl_loss:
    2.9957154
2714 Epoch:169 batch_num:7 t_c_loss:1.1298532 t_sl_loss:
    2.995715
2715 Epoch:169 batch_num:8 t_c_loss:1.3160695 t_sl_loss:
    2.995715
2716 Epoch:169 batch_num:9 t_c_loss:1.0299562 t_sl_loss:
    2.995715
2717 Epoch:169 batch_num:10 t_c_loss:1.213487 t_sl_loss:
    2.995715
2718 Epoch:169 batch_num:11 t_c_loss:1.2165487 t_sl_loss
```

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2718 :2.995715
2719 Epoch:169 batch_num:12 t_c_loss:1.1490325 t_sl_loss
    :2.995715
2720 Epoch:169 batch_num:13 t_c_loss:1.3898648 t_sl_loss
    :-0.0
2721 epoch_num:169 accuracy_for_train:0.
    32950191570881227
2722 epoch_num:169 accuracy_for_test:0.2965779467680608
2723 Epoch:170 batch_num:0 t_c_loss:1.5114443 t_sl_loss:
    2.995715
2724 Epoch:170 batch_num:1 t_c_loss:1.0833352 t_sl_loss:
    2.995715
2725 Epoch:170 batch_num:2 t_c_loss:1.1659783 t_sl_loss:
    2.995715
2726 Epoch:170 batch_num:3 t_c_loss:1.1501029 t_sl_loss:
    2.995715
2727 Epoch:170 batch_num:4 t_c_loss:1.0894332 t_sl_loss:
    2.995715
2728 Epoch:170 batch_num:5 t_c_loss:1.2872956 t_sl_loss:
    2.995715
2729 Epoch:170 batch_num:6 t_c_loss:1.3180686 t_sl_loss:
    2.995715
2730 Epoch:170 batch_num:7 t_c_loss:0.9477252 t_sl_loss:
    2.995715
2731 Epoch:170 batch_num:8 t_c_loss:1.2199123 t_sl_loss:
    2.9957235
2732 Epoch:170 batch_num:9 t_c_loss:1.36823 t_sl_loss:2.
    995715
2733 Epoch:170 batch_num:10 t_c_loss:1.1264176 t_sl_loss
    :2.995715
2734 Epoch:170 batch_num:11 t_c_loss:1.4658711 t_sl_loss
    :2.995715
2735 Epoch:170 batch_num:12 t_c_loss:1.2515728 t_sl_loss
    :2.995715
2736 Epoch:170 batch_num:13 t_c_loss:1.3865058 t_sl_loss
    :-0.0
2737 epoch_num:170 accuracy_for_train:0.
    42528735632183906
2738 epoch_num:170 accuracy_for_test:0.34980988593155893
2739 Epoch:171 batch_num:0 t_c_loss:1.1485105 t_sl_loss:
    2.995715
```

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2740 Epoch:171 batch_num:1 t_c_loss:1.1301095 t_sl_loss:
    2.995715
2741 Epoch:171 batch_num:2 t_c_loss:1.1023167 t_sl_loss:
    2.996879
2742 Epoch:171 batch_num:3 t_c_loss:1.1666143 t_sl_loss:
    2.995715
2743 Epoch:171 batch_num:4 t_c_loss:1.3876386 t_sl_loss:
    2.995715
2744 Epoch:171 batch_num:5 t_c_loss:1.0922184 t_sl_loss:
    2.995715
2745 Epoch:171 batch_num:6 t_c_loss:1.1943117 t_sl_loss:
    2.995715
2746 Epoch:171 batch_num:7 t_c_loss:1.2328603 t_sl_loss:
    2.995715
2747 Epoch:171 batch_num:8 t_c_loss:0.9447109 t_sl_loss:
    2.9957154
2748 Epoch:171 batch_num:9 t_c_loss:1.1341207 t_sl_loss:
    2.995715
2749 Epoch:171 batch_num:10 t_c_loss:1.2501733 t_sl_loss
    :2.995715
2750 Epoch:171 batch_num:11 t_c_loss:1.3669307 t_sl_loss
    :2.995715
2751 Epoch:171 batch_num:12 t_c_loss:1.3124654 t_sl_loss
    :2.995715
2752 Epoch:171 batch_num:13 t_c_loss:1.2915598 t_sl_loss
    :-0.0
2753 epoch_num:171 accuracy_for_train:0.
    42528735632183906
2754 epoch_num:171 accuracy_for_test:0.3574144486692015
2755 Epoch:172 batch_num:0 t_c_loss:1.2181665 t_sl_loss:
    2.995715
2756 Epoch:172 batch_num:1 t_c_loss:1.3146544 t_sl_loss:
    2.995715
2757 Epoch:172 batch_num:2 t_c_loss:1.0641427 t_sl_loss:
    2.995715
2758 Epoch:172 batch_num:3 t_c_loss:1.1946168 t_sl_loss:
    2.995715
2759 Epoch:172 batch_num:4 t_c_loss:1.0650513 t_sl_loss:
    2.995715
2760 Epoch:172 batch_num:5 t_c_loss:1.2951827 t_sl_loss:
    2.9957151
```

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2761 Epoch:172 batch_num:6 t_c_loss:1.1269331 t_sl_loss:
    2.995715
2762 Epoch:172 batch_num:7 t_c_loss:1.3083713 t_sl_loss:
    2.995715
2763 Epoch:172 batch_num:8 t_c_loss:1.1612538 t_sl_loss:
    2.995715
2764 Epoch:172 batch_num:9 t_c_loss:1.3031112 t_sl_loss:
    2.995715
2765 Epoch:172 batch_num:10 t_c_loss:1.2766006 t_sl_loss
    :2.995715
2766 Epoch:172 batch_num:11 t_c_loss:1.1206758 t_sl_loss
    :2.995715
2767 Epoch:172 batch_num:12 t_c_loss:1.1171668 t_sl_loss
    :2.995715
2768 Epoch:172 batch_num:13 t_c_loss:1.5124058 t_sl_loss
    :-0.0
2769 epoch_num:172 accuracy_for_train:0.4329501915708812
2770 epoch_num:172 accuracy_for_test:0.33840304182509506
2771 Epoch:173 batch_num:0 t_c_loss:1.1756699 t_sl_loss:
    2.995715
2772 Epoch:173 batch_num:1 t_c_loss:1.20025 t_sl_loss:2.
    995715
2773 Epoch:173 batch_num:2 t_c_loss:1.1692953 t_sl_loss:
    2.9957142
2774 Epoch:173 batch_num:3 t_c_loss:1.0299484 t_sl_loss:
    2.995715
2775 Epoch:173 batch_num:4 t_c_loss:1.1387008 t_sl_loss:
    2.995715
2776 Epoch:173 batch_num:5 t_c_loss:1.179551 t_sl_loss:2
    .995715
2777 Epoch:173 batch_num:6 t_c_loss:1.2705467 t_sl_loss:
    2.995715
2778 Epoch:173 batch_num:7 t_c_loss:1.0683624 t_sl_loss:
    2.995715
2779 Epoch:173 batch_num:8 t_c_loss:1.292527 t_sl_loss:2
    .995715
2780 Epoch:173 batch_num:9 t_c_loss:1.2022043 t_sl_loss:
    2.995715
2781 Epoch:173 batch_num:10 t_c_loss:1.2932882 t_sl_loss
    :2.995715
2782 Epoch:173 batch_num:11 t_c_loss:1.0720954 t_sl_loss
```



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2782 :2.9957144
2783 Epoch:173 batch_num:12 t_c_loss:1.450371 t_sl_loss:
    2.995715
2784 Epoch:173 batch_num:13 t_c_loss:1.6311134 t_sl_loss
    :-0.0
2785 epoch_num:173 accuracy_for_train:0.
    40229885057471265
2786 epoch_num:173 accuracy_for_test:0.33079847908745247
2787 Epoch:174 batch_num:0 t_c_loss:1.3313004 t_sl_loss:
    2.995715
2788 Epoch:174 batch_num:1 t_c_loss:1.361325 t_sl_loss:2
    .995715
2789 Epoch:174 batch_num:2 t_c_loss:1.4061123 t_sl_loss:
    2.995715
2790 Epoch:174 batch_num:3 t_c_loss:1.2530634 t_sl_loss:
    2.995715
2791 Epoch:174 batch_num:4 t_c_loss:1.0443296 t_sl_loss:
    2.995715
2792 Epoch:174 batch_num:5 t_c_loss:1.1952987 t_sl_loss:
    2.995715
2793 Epoch:174 batch_num:6 t_c_loss:1.0543318 t_sl_loss:
    2.995715
2794 Epoch:174 batch_num:7 t_c_loss:1.0639178 t_sl_loss:
    2.995715
2795 Epoch:174 batch_num:8 t_c_loss:1.1978474 t_sl_loss:
    2.995715
2796 Epoch:174 batch_num:9 t_c_loss:1.1660168 t_sl_loss:
    2.995715
2797 Epoch:174 batch_num:10 t_c_loss:1.4091964 t_sl_loss
    :2.995715
2798 Epoch:174 batch_num:11 t_c_loss:1.3632268 t_sl_loss
    :2.995715
2799 Epoch:174 batch_num:12 t_c_loss:1.158588 t_sl_loss:
    2.995715
2800 Epoch:174 batch_num:13 t_c_loss:1.5637786 t_sl_loss
    :-0.0
2801 epoch_num:174 accuracy_for_train:0.3946360153256705
2802 epoch_num:174 accuracy_for_test:0.34980988593155893
2803 Epoch:175 batch_num:0 t_c_loss:1.0328654 t_sl_loss:
    2.995715
2804 Epoch:175 batch_num:1 t_c_loss:1.1413279 t_sl_loss:
```

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2804 2.995715
2805 Epoch:175 batch_num:2 t_c_loss:1.3712839 t_sl_loss:
    2.9957151
2806 Epoch:175 batch_num:3 t_c_loss:1.1797564 t_sl_loss:
    2.995715
2807 Epoch:175 batch_num:4 t_c_loss:1.2016343 t_sl_loss:
    2.995715
2808 Epoch:175 batch_num:5 t_c_loss:1.4176325 t_sl_loss:
    2.995715
2809 Epoch:175 batch_num:6 t_c_loss:1.2932768 t_sl_loss:
    2.995715
2810 Epoch:175 batch_num:7 t_c_loss:1.0902107 t_sl_loss:
    2.995715
2811 Epoch:175 batch_num:8 t_c_loss:1.2165772 t_sl_loss:
    2.995715
2812 Epoch:175 batch_num:9 t_c_loss:1.0974538 t_sl_loss:
    2.995715
2813 Epoch:175 batch_num:10 t_c_loss:1.3216332 t_sl_loss
    :2.995715
2814 Epoch:175 batch_num:11 t_c_loss:1.1759963 t_sl_loss
    :2.995715
2815 Epoch:175 batch_num:12 t_c_loss:1.2231337 t_sl_loss
    :2.995715
2816 Epoch:175 batch_num:13 t_c_loss:1.4082828 t_sl_loss
    :-0.0
2817 epoch_num:175 accuracy_for_train:0.
    41762452107279696
2818 epoch_num:175 accuracy_for_test:0.3269961977186312
2819 Epoch:176 batch_num:0 t_c_loss:1.0499849 t_sl_loss:
    2.995715
2820 Epoch:176 batch_num:1 t_c_loss:1.2722237 t_sl_loss:
    2.9957163
2821 Epoch:176 batch_num:2 t_c_loss:1.2421652 t_sl_loss:
    2.995715
2822 Epoch:176 batch_num:3 t_c_loss:1.1882337 t_sl_loss:
    2.995715
2823 Epoch:176 batch_num:4 t_c_loss:1.3656495 t_sl_loss:
    2.995715
2824 Epoch:176 batch_num:5 t_c_loss:1.3585113 t_sl_loss:
    2.995715
2825 Epoch:176 batch_num:6 t_c_loss:1.2028672 t_sl_loss:
```

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2825 2.9957144
2826 Epoch:176 batch_num:7 t_c_loss:1.077294 t_sl_loss:2
    .995715
2827 Epoch:176 batch_num:8 t_c_loss:1.2542393 t_sl_loss:
    2.9957533
2828 Epoch:176 batch_num:9 t_c_loss:1.145177 t_sl_loss:2
    .995715
2829 Epoch:176 batch_num:10 t_c_loss:1.4161532 t_sl_loss
    :2.995715
2830 Epoch:176 batch_num:11 t_c_loss:1.2109059 t_sl_loss
    :2.995715
2831 Epoch:176 batch_num:12 t_c_loss:1.1809522 t_sl_loss
    :2.995715
2832 Epoch:176 batch_num:13 t_c_loss:1.4476271 t_sl_loss
    :-0.0
2833 epoch_num:176 accuracy_for_train:0.
    42911877394636017
2834 epoch_num:176 accuracy_for_test:0.3650190114068441
2835 Epoch:177 batch_num:0 t_c_loss:1.3111172 t_sl_loss:
    2.995715
2836 Epoch:177 batch_num:1 t_c_loss:1.3253278 t_sl_loss:
    2.995715
2837 Epoch:177 batch_num:2 t_c_loss:1.2115965 t_sl_loss:
    2.995715
2838 Epoch:177 batch_num:3 t_c_loss:1.1402713 t_sl_loss:
    2.995715
2839 Epoch:177 batch_num:4 t_c_loss:1.1646757 t_sl_loss:
    2.995715
2840 Epoch:177 batch_num:5 t_c_loss:1.1111673 t_sl_loss:
    2.995715
2841 Epoch:177 batch_num:6 t_c_loss:1.1204555 t_sl_loss:
    2.995715
2842 Epoch:177 batch_num:7 t_c_loss:1.3833048 t_sl_loss:
    2.995715
2843 Epoch:177 batch_num:8 t_c_loss:1.190264 t_sl_loss:2
    .995715
2844 Epoch:177 batch_num:9 t_c_loss:1.1770867 t_sl_loss:
    2.995715
2845 Epoch:177 batch_num:10 t_c_loss:1.2889023 t_sl_loss
    :2.995715
2846 Epoch:177 batch_num:11 t_c_loss:1.1155465 t_sl_loss
```

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2846 :2.995715
2847 Epoch:177 batch_num:12 t_c_loss:1.1938162 t_sl_loss
      :2.995715
2848 Epoch:177 batch_num:13 t_c_loss:1.0198253 t_sl_loss
      :-0.0
2849 epoch_num:177 accuracy_for_train:0.
      36398467432950193
2850 epoch_num:177 accuracy_for_test:0.34980988593155893
2851 Epoch:178 batch_num:0 t_c_loss:1.037292 t_sl_loss:2
      .995715
2852 Epoch:178 batch_num:1 t_c_loss:1.2608778 t_sl_loss:
      2.995715
2853 Epoch:178 batch_num:2 t_c_loss:1.250013 t_sl_loss:2
      .995715
2854 Epoch:178 batch_num:3 t_c_loss:1.2348636 t_sl_loss:
      2.995715
2855 Epoch:178 batch_num:4 t_c_loss:1.1788437 t_sl_loss:
      2.995715
2856 Epoch:178 batch_num:5 t_c_loss:1.3588719 t_sl_loss:
      2.995715
2857 Epoch:178 batch_num:6 t_c_loss:1.1321685 t_sl_loss:
      2.995715
2858 Epoch:178 batch_num:7 t_c_loss:1.2918196 t_sl_loss:
      2.995715
2859 Epoch:178 batch_num:8 t_c_loss:1.135522 t_sl_loss:2
      .995715
2860 Epoch:178 batch_num:9 t_c_loss:1.2410225 t_sl_loss:
      2.995715
2861 Epoch:178 batch_num:10 t_c_loss:1.0563533 t_sl_loss
      :2.995715
2862 Epoch:178 batch_num:11 t_c_loss:1.2381364 t_sl_loss
      :2.995715
2863 Epoch:178 batch_num:12 t_c_loss:1.2045687 t_sl_loss
      :2.995715
2864 Epoch:178 batch_num:13 t_c_loss:1.302655 t_sl_loss
      :-0.0
2865 epoch_num:178 accuracy_for_train:0.
      41762452107279696
2866 epoch_num:178 accuracy_for_test:0.3726235741444867
2867 Epoch:179 batch_num:0 t_c_loss:1.0834627 t_sl_loss:
      2.995715
```

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2868 Epoch:179 batch_num:1 t_c_loss:1.3735368 t_sl_loss:
    2.995715
2869 Epoch:179 batch_num:2 t_c_loss:1.3469346 t_sl_loss:
    2.995715
2870 Epoch:179 batch_num:3 t_c_loss:1.2181791 t_sl_loss:
    2.995715
2871 Epoch:179 batch_num:4 t_c_loss:1.4117874 t_sl_loss:
    2.995715
2872 Epoch:179 batch_num:5 t_c_loss:1.1105793 t_sl_loss:
    2.995715
2873 Epoch:179 batch_num:6 t_c_loss:1.1896435 t_sl_loss:
    2.995715
2874 Epoch:179 batch_num:7 t_c_loss:1.0932163 t_sl_loss:
    2.995715
2875 Epoch:179 batch_num:8 t_c_loss:1.1998522 t_sl_loss:
    2.9959593
2876 Epoch:179 batch_num:9 t_c_loss:1.1178796 t_sl_loss:
    2.995715
2877 Epoch:179 batch_num:10 t_c_loss:1.0974344 t_sl_loss
    :2.995715
2878 Epoch:179 batch_num:11 t_c_loss:1.2118988 t_sl_loss
    :2.995715
2879 Epoch:179 batch_num:12 t_c_loss:1.2154855 t_sl_loss
    :2.995715
2880 Epoch:179 batch_num:13 t_c_loss:1.2408906 t_sl_loss
    :-0.0
2881 epoch_num:179 accuracy_for_train:0.4099616858237548
2882 epoch_num:179 accuracy_for_test:0.311787072243346
2883 Epoch:180 batch_num:0 t_c_loss:1.3808587 t_sl_loss:
    2.995715
2884 Epoch:180 batch_num:1 t_c_loss:1.1246716 t_sl_loss:
    2.995715
2885 Epoch:180 batch_num:2 t_c_loss:1.1860352 t_sl_loss:
    2.9957151
2886 Epoch:180 batch_num:3 t_c_loss:1.1491125 t_sl_loss:
    2.995715
2887 Epoch:180 batch_num:4 t_c_loss:1.0485504 t_sl_loss:
    2.995715
2888 Epoch:180 batch_num:5 t_c_loss:1.2909319 t_sl_loss:
    2.9957151
2889 Epoch:180 batch_num:6 t_c_loss:1.2310735 t_sl_loss:
```

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2889 2.995715
2890 Epoch:180 batch_num:7 t_c_loss:1.140521 t_sl_loss:2
    .995715
2891 Epoch:180 batch_num:8 t_c_loss:1.3362136 t_sl_loss:
    2.995715
2892 Epoch:180 batch_num:9 t_c_loss:1.0977968 t_sl_loss:
    2.995715
2893 Epoch:180 batch_num:10 t_c_loss:1.1377109 t_sl_loss
    :2.995715
2894 Epoch:180 batch_num:11 t_c_loss:1.1536503 t_sl_loss
    :2.995715
2895 Epoch:180 batch_num:12 t_c_loss:1.1830782 t_sl_loss
    :2.995715
2896 Epoch:180 batch_num:13 t_c_loss:1.1092067 t_sl_loss
    :-0.0
2897 epoch_num:180 accuracy_for_train:0.4099616858237548
2898 epoch_num:180 accuracy_for_test:0.34220532319391633
2899 Epoch:181 batch_num:0 t_c_loss:1.138171 t_sl_loss:2
    .995715
2900 Epoch:181 batch_num:1 t_c_loss:1.1897655 t_sl_loss:
    2.995715
2901 Epoch:181 batch_num:2 t_c_loss:1.2835252 t_sl_loss:
    2.995715
2902 Epoch:181 batch_num:3 t_c_loss:1.3617086 t_sl_loss:
    2.995715
2903 Epoch:181 batch_num:4 t_c_loss:1.100238 t_sl_loss:2
    .995715
2904 Epoch:181 batch_num:5 t_c_loss:1.222591 t_sl_loss:2
    .995715
2905 Epoch:181 batch_num:6 t_c_loss:1.3219725 t_sl_loss:
    2.995715
2906 Epoch:181 batch_num:7 t_c_loss:1.1136978 t_sl_loss:
    2.995715
2907 Epoch:181 batch_num:8 t_c_loss:1.1784203 t_sl_loss:
    2.995715
2908 Epoch:181 batch_num:9 t_c_loss:1.1767246 t_sl_loss:
    2.995715
2909 Epoch:181 batch_num:10 t_c_loss:1.0666087 t_sl_loss
    :2.995715
2910 Epoch:181 batch_num:11 t_c_loss:1.3122132 t_sl_loss
    :2.995715
```

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2911 Epoch:181 batch_num:12 t_c_loss:1.0614058 t_sl_loss
    :2.995715
2912 Epoch:181 batch_num:13 t_c_loss:1.5315694 t_sl_loss
    :-0.0
2913 epoch_num:181 accuracy_for_train:0.
    40229885057471265
2914 epoch_num:181 accuracy_for_test:0.3726235741444867
2915 Epoch:182 batch_num:0 t_c_loss:1.216066 t_sl_loss:2
    .995715
2916 Epoch:182 batch_num:1 t_c_loss:1.1938832 t_sl_loss:
    2.995715
2917 Epoch:182 batch_num:2 t_c_loss:1.1981884 t_sl_loss:
    2.995715
2918 Epoch:182 batch_num:3 t_c_loss:1.2141349 t_sl_loss:
    2.995715
2919 Epoch:182 batch_num:4 t_c_loss:1.2502649 t_sl_loss:
    2.995715
2920 Epoch:182 batch_num:5 t_c_loss:1.1789213 t_sl_loss:
    2.995715
2921 Epoch:182 batch_num:6 t_c_loss:1.0081354 t_sl_loss:
    2.9957151
2922 Epoch:182 batch_num:7 t_c_loss:1.1728071 t_sl_loss:
    2.995715
2923 Epoch:182 batch_num:8 t_c_loss:0.99801695 t_sl_loss
    :2.995715
2924 Epoch:182 batch_num:9 t_c_loss:1.521027 t_sl_loss:2
    .995715
2925 Epoch:182 batch_num:10 t_c_loss:1.211022 t_sl_loss:
    2.995715
2926 Epoch:182 batch_num:11 t_c_loss:1.3839939 t_sl_loss
    :2.995715
2927 Epoch:182 batch_num:12 t_c_loss:1.1708128 t_sl_loss
    :2.995715
2928 Epoch:182 batch_num:13 t_c_loss:1.3746598 t_sl_loss
    :-0.0
2929 epoch_num:182 accuracy_for_train:0.4329501915708812
2930 epoch_num:182 accuracy_for_test:0.34980988593155893
2931 Epoch:183 batch_num:0 t_c_loss:1.2232285 t_sl_loss:
    2.995715
2932 Epoch:183 batch_num:1 t_c_loss:1.1687217 t_sl_loss:
    2.995715

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2933 Epoch:183 batch_num:2 t_c_loss:1.0804452 t_sl_loss:
    2.995715
2934 Epoch:183 batch_num:3 t_c_loss:1.1962469 t_sl_loss:
    2.995715
2935 Epoch:183 batch_num:4 t_c_loss:1.2870893 t_sl_loss:
    2.995715
2936 Epoch:183 batch_num:5 t_c_loss:1.1871315 t_sl_loss:
    2.995715
2937 Epoch:183 batch_num:6 t_c_loss:1.3160013 t_sl_loss:
    2.995715
2938 Epoch:183 batch_num:7 t_c_loss:1.1118009 t_sl_loss:
    2.995715
2939 Epoch:183 batch_num:8 t_c_loss:1.4413779 t_sl_loss:
    2.995715
2940 Epoch:183 batch_num:9 t_c_loss:1.2728506 t_sl_loss:
    2.995715
2941 Epoch:183 batch_num:10 t_c_loss:1.1121293 t_sl_loss
    :2.995715
2942 Epoch:183 batch_num:11 t_c_loss:1.0825348 t_sl_loss
    :2.995715
2943 Epoch:183 batch_num:12 t_c_loss:1.4984511 t_sl_loss
    :2.995715
2944 Epoch:183 batch_num:13 t_c_loss:1.4545988 t_sl_loss
    :-0.0
2945 epoch_num:183 accuracy_for_train:0.
    42911877394636017
2946 epoch_num:183 accuracy_for_test:0.33079847908745247
2947 Epoch:184 batch_num:0 t_c_loss:1.1708322 t_sl_loss:
    2.995715
2948 Epoch:184 batch_num:1 t_c_loss:1.1179538 t_sl_loss:
    2.995715
2949 Epoch:184 batch_num:2 t_c_loss:1.1658852 t_sl_loss:
    2.9957151
2950 Epoch:184 batch_num:3 t_c_loss:1.1192485 t_sl_loss:
    2.995715
2951 Epoch:184 batch_num:4 t_c_loss:1.2561157 t_sl_loss:
    2.995715
2952 Epoch:184 batch_num:5 t_c_loss:1.1575296 t_sl_loss:
    2.995715
2953 Epoch:184 batch_num:6 t_c_loss:1.3780668 t_sl_loss:
    2.995715
```



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2954 Epoch:184 batch_num:7 t_c_loss:1.1272323 t_sl_loss:
    2.995715
2955 Epoch:184 batch_num:8 t_c_loss:1.2664568 t_sl_loss:
    2.995715
2956 Epoch:184 batch_num:9 t_c_loss:1.1074666 t_sl_loss:
    2.995715
2957 Epoch:184 batch_num:10 t_c_loss:1.246201 t_sl_loss:
    2.995715
2958 Epoch:184 batch_num:11 t_c_loss:1.2476425 t_sl_loss
    :2.995715
2959 Epoch:184 batch_num:12 t_c_loss:1.1876924 t_sl_loss
    :2.995715
2960 Epoch:184 batch_num:13 t_c_loss:1.4509718 t_sl_loss
    :-0.0
2961 epoch_num:184 accuracy_for_train:0.
    41762452107279696
2962 epoch_num:184 accuracy_for_test:0.311787072243346
2963 Epoch:185 batch_num:0 t_c_loss:1.0657542 t_sl_loss:
    2.995715
2964 Epoch:185 batch_num:1 t_c_loss:1.1065876 t_sl_loss:
    2.995715
2965 Epoch:185 batch_num:2 t_c_loss:1.1697305 t_sl_loss:
    2.995715
2966 Epoch:185 batch_num:3 t_c_loss:1.1583747 t_sl_loss:
    2.995715
2967 Epoch:185 batch_num:4 t_c_loss:1.1248057 t_sl_loss:
    2.9957151
2968 Epoch:185 batch_num:5 t_c_loss:1.3554271 t_sl_loss:
    2.995715
2969 Epoch:185 batch_num:6 t_c_loss:1.3809059 t_sl_loss:
    2.995715
2970 Epoch:185 batch_num:7 t_c_loss:1.4101702 t_sl_loss:
    2.995715
2971 Epoch:185 batch_num:8 t_c_loss:1.2427531 t_sl_loss:
    2.995715
2972 Epoch:185 batch_num:9 t_c_loss:1.3066914 t_sl_loss:
    2.995715
2973 Epoch:185 batch_num:10 t_c_loss:1.0648369 t_sl_loss
    :2.995715
2974 Epoch:185 batch_num:11 t_c_loss:1.0297539 t_sl_loss
    :2.995715
```

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2975 Epoch:185 batch_num:12 t_c_loss:1.1895906 t_sl_loss
:2.995715
2976 Epoch:185 batch_num:13 t_c_loss:1.3063369 t_sl_loss
:-0.0
2977 epoch_num:185 accuracy_for_train:0.4367816091954023
2978 epoch_num:185 accuracy_for_test:0.34220532319391633
2979 Epoch:186 batch_num:0 t_c_loss:1.0242636 t_sl_loss:
2.995715
2980 Epoch:186 batch_num:1 t_c_loss:1.0589777 t_sl_loss:
2.995715
2981 Epoch:186 batch_num:2 t_c_loss:1.3090811 t_sl_loss:
2.995715
2982 Epoch:186 batch_num:3 t_c_loss:1.1484337 t_sl_loss:
2.995715
2983 Epoch:186 batch_num:4 t_c_loss:1.1165891 t_sl_loss:
2.995715
2984 Epoch:186 batch_num:5 t_c_loss:1.3177756 t_sl_loss:
2.9956946
2985 Epoch:186 batch_num:6 t_c_loss:1.173248 t_sl_loss:2
.995715
2986 Epoch:186 batch_num:7 t_c_loss:1.3531067 t_sl_loss:
2.995715
2987 Epoch:186 batch_num:8 t_c_loss:1.2668648 t_sl_loss:
2.995715
2988 Epoch:186 batch_num:9 t_c_loss:1.1583991 t_sl_loss:
2.995715
2989 Epoch:186 batch_num:10 t_c_loss:0.9990732 t_sl_loss
:2.995715
2990 Epoch:186 batch_num:11 t_c_loss:1.3347753 t_sl_loss
:2.995715
2991 Epoch:186 batch_num:12 t_c_loss:1.3683857 t_sl_loss
:2.995715
2992 Epoch:186 batch_num:13 t_c_loss:1.2656136 t_sl_loss
:-0.0
2993 epoch_num:186 accuracy_for_train:0.4099616858237548
2994 epoch_num:186 accuracy_for_test:0.3726235741444867
2995 Epoch:187 batch_num:0 t_c_loss:1.2611811 t_sl_loss:
2.995715
2996 Epoch:187 batch_num:1 t_c_loss:1.2660506 t_sl_loss:
2.995715
2997 Epoch:187 batch_num:2 t_c_loss:1.291582 t_sl_loss:2
```

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2997 .995715
2998 Epoch:187 batch_num:3 t_c_loss:1.1342027 t_sl_loss:
    2.995715
2999 Epoch:187 batch_num:4 t_c_loss:1.266011 t_sl_loss:2
    .995715
3000 Epoch:187 batch_num:5 t_c_loss:1.122933 t_sl_loss:2
    .995715
3001 Epoch:187 batch_num:6 t_c_loss:1.1549743 t_sl_loss:
    2.995715
3002 Epoch:187 batch_num:7 t_c_loss:0.99565125 t_sl_loss
    :2.995715
3003 Epoch:187 batch_num:8 t_c_loss:1.1547407 t_sl_loss:
    2.995715
3004 Epoch:187 batch_num:9 t_c_loss:1.3222207 t_sl_loss:
    2.995715
3005 Epoch:187 batch_num:10 t_c_loss:1.2169334 t_sl_loss
    :2.995715
3006 Epoch:187 batch_num:11 t_c_loss:1.078872 t_sl_loss:
    2.995715
3007 Epoch:187 batch_num:12 t_c_loss:1.1046846 t_sl_loss
    :2.995715
3008 Epoch:187 batch_num:13 t_c_loss:1.2506733 t_sl_loss
    :-0.0
3009 epoch_num:187 accuracy_for_train:0.4099616858237548
3010 epoch_num:187 accuracy_for_test:0.3612167300380228
3011 Epoch:188 batch_num:0 t_c_loss:1.162243 t_sl_loss:2
    .995715
3012 Epoch:188 batch_num:1 t_c_loss:1.2830619 t_sl_loss:
    2.995715
3013 Epoch:188 batch_num:2 t_c_loss:1.2682465 t_sl_loss:
    2.995715
3014 Epoch:188 batch_num:3 t_c_loss:1.2717426 t_sl_loss:
    2.995715
3015 Epoch:188 batch_num:4 t_c_loss:0.9580533 t_sl_loss:
    2.995715
3016 Epoch:188 batch_num:5 t_c_loss:1.2385484 t_sl_loss:
    2.995715
3017 Epoch:188 batch_num:6 t_c_loss:1.1813786 t_sl_loss:
    2.995715
3018 Epoch:188 batch_num:7 t_c_loss:1.3845383 t_sl_loss:
    2.9957159
```

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3019 Epoch:188 batch_num:8 t_c_loss:1.159024 t_sl_loss:2
    .995715
3020 Epoch:188 batch_num:9 t_c_loss:1.2876264 t_sl_loss:
    2.995715
3021 Epoch:188 batch_num:10 t_c_loss:1.1827538 t_sl_loss
    :2.995715
3022 Epoch:188 batch_num:11 t_c_loss:1.169583 t_sl_loss:
    2.995715
3023 Epoch:188 batch_num:12 t_c_loss:1.1806747 t_sl_loss
    :2.995715
3024 Epoch:188 batch_num:13 t_c_loss:1.48137 t_sl_loss:-
    0.0
3025 epoch_num:188 accuracy_for_train:0.421455938697318
3026 epoch_num:188 accuracy_for_test:0.34980988593155893
3027 Epoch:189 batch_num:0 t_c_loss:1.078682 t_sl_loss:2
    .995715
3028 Epoch:189 batch_num:1 t_c_loss:1.2154659 t_sl_loss:
    2.995715
3029 Epoch:189 batch_num:2 t_c_loss:1.0582944 t_sl_loss:
    2.995715
3030 Epoch:189 batch_num:3 t_c_loss:1.1352844 t_sl_loss:
    2.9957154
3031 Epoch:189 batch_num:4 t_c_loss:1.2018548 t_sl_loss:
    2.995715
3032 Epoch:189 batch_num:5 t_c_loss:1.3412759 t_sl_loss:
    2.995715
3033 Epoch:189 batch_num:6 t_c_loss:1.2005244 t_sl_loss:
    2.995715
3034 Epoch:189 batch_num:7 t_c_loss:1.0455309 t_sl_loss:
    2.995715
3035 Epoch:189 batch_num:8 t_c_loss:1.235727 t_sl_loss:2
    .995715
3036 Epoch:189 batch_num:9 t_c_loss:1.2026681 t_sl_loss:
    2.9957147
3037 Epoch:189 batch_num:10 t_c_loss:1.1910053 t_sl_loss
    :2.995715
3038 Epoch:189 batch_num:11 t_c_loss:1.2423174 t_sl_loss
    :2.995715
3039 Epoch:189 batch_num:12 t_c_loss:1.0728228 t_sl_loss
    :2.995715
3040 Epoch:189 batch_num:13 t_c_loss:1.2681 t_sl_loss:-0
```

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3040 .0
3041 epoch_num:189 accuracy_for_train:0.4444444444444444
3042 epoch_num:189 accuracy_for_test:0.3269961977186312
3043 Epoch:190 batch_num:0 t_c_loss:1.1428802 t_sl_loss:
    2.995715
3044 Epoch:190 batch_num:1 t_c_loss:0.98370945 t_sl_loss
    :2.995715
3045 Epoch:190 batch_num:2 t_c_loss:1.1930044 t_sl_loss:
    2.995715
3046 Epoch:190 batch_num:3 t_c_loss:1.3672416 t_sl_loss:
    2.995715
3047 Epoch:190 batch_num:4 t_c_loss:1.2875139 t_sl_loss:
    2.995715
3048 Epoch:190 batch_num:5 t_c_loss:1.4011292 t_sl_loss:
    2.995715
3049 Epoch:190 batch_num:6 t_c_loss:1.1708895 t_sl_loss:
    2.995715
3050 Epoch:190 batch_num:7 t_c_loss:1.0110723 t_sl_loss:
    2.995715
3051 Epoch:190 batch_num:8 t_c_loss:1.2994249 t_sl_loss:
    2.995715
3052 Epoch:190 batch_num:9 t_c_loss:1.1586154 t_sl_loss:
    2.9957151
3053 Epoch:190 batch_num:10 t_c_loss:1.2714202 t_sl_loss
    :2.995715
3054 Epoch:190 batch_num:11 t_c_loss:1.1063772 t_sl_loss
    :2.995715
3055 Epoch:190 batch_num:12 t_c_loss:1.1089938 t_sl_loss
    :2.995715
3056 Epoch:190 batch_num:13 t_c_loss:1.3383286 t_sl_loss
    :-0.0
3057 epoch_num:190 accuracy_for_train:0.4329501915708812
3058 epoch_num:190 accuracy_for_test:0.3269961977186312
3059 Epoch:191 batch_num:0 t_c_loss:1.1008013 t_sl_loss:
    2.995715
3060 Epoch:191 batch_num:1 t_c_loss:1.0986278 t_sl_loss:
    2.995715
3061 Epoch:191 batch_num:2 t_c_loss:1.2296093 t_sl_loss:
    2.995715
3062 Epoch:191 batch_num:3 t_c_loss:1.3009834 t_sl_loss:
    2.995715
```

```
3063 Epoch:191 batch_num:4 t_c_loss:1.3013256 t_sl_loss:
    2.995715
3064 Epoch:191 batch_num:5 t_c_loss:1.1641233 t_sl_loss:
    2.995715
3065 Epoch:191 batch_num:6 t_c_loss:1.2110115 t_sl_loss:
    2.995715
3066 Epoch:191 batch_num:7 t_c_loss:1.1293097 t_sl_loss:
    2.995715
3067 Epoch:191 batch_num:8 t_c_loss:1.3093874 t_sl_loss:
    2.995715
3068 Epoch:191 batch_num:9 t_c_loss:1.1959076 t_sl_loss:
    2.995715
3069 Epoch:191 batch_num:10 t_c_loss:1.0280168 t_sl_loss
    :2.995715
3070 Epoch:191 batch_num:11 t_c_loss:1.1686655 t_sl_loss
    :2.995715
3071 Epoch:191 batch_num:12 t_c_loss:1.2753725 t_sl_loss
    :2.995715
3072 Epoch:191 batch_num:13 t_c_loss:1.2567393 t_sl_loss
    :-0.0
3073 epoch_num:191 accuracy_for_train:0.4329501915708812
3074 epoch_num:191 accuracy_for_test:0.34980988593155893
3075 Epoch:192 batch_num:0 t_c_loss:1.0274658 t_sl_loss:
    2.995715
3076 Epoch:192 batch_num:1 t_c_loss:1.221944 t_sl_loss:2
    .995715
3077 Epoch:192 batch_num:2 t_c_loss:1.3174239 t_sl_loss:
    2.995715
3078 Epoch:192 batch_num:3 t_c_loss:1.1733745 t_sl_loss:
    2.995715
3079 Epoch:192 batch_num:4 t_c_loss:1.2065103 t_sl_loss:
    2.995715
3080 Epoch:192 batch_num:5 t_c_loss:1.160323 t_sl_loss:2
    .995715
3081 Epoch:192 batch_num:6 t_c_loss:1.2856636 t_sl_loss:
    2.995715
3082 Epoch:192 batch_num:7 t_c_loss:1.2315388 t_sl_loss:
    2.995715
3083 Epoch:192 batch_num:8 t_c_loss:1.1166708 t_sl_loss:
    2.995715
3084 Epoch:192 batch_num:9 t_c_loss:1.1347549 t_sl_loss:
```

```
3084 2.995715
3085 Epoch:192 batch_num:10 t_c_loss:1.1485044 t_sl_loss
    :2.995715
3086 Epoch:192 batch_num:11 t_c_loss:1.2615354 t_sl_loss
    :2.9957151
3087 Epoch:192 batch_num:12 t_c_loss:1.1865227 t_sl_loss
    :2.995715
3088 Epoch:192 batch_num:13 t_c_loss:1.2344869 t_sl_loss
    :-0.0
3089 epoch_num:192 accuracy_for_train:0.421455938697318
3090 epoch_num:192 accuracy_for_test:0.33460076045627374
3091 Epoch:193 batch_num:0 t_c_loss:1.2680594 t_sl_loss:
    2.995715
3092 Epoch:193 batch_num:1 t_c_loss:0.9863272 t_sl_loss:
    2.995715
3093 Epoch:193 batch_num:2 t_c_loss:1.0547742 t_sl_loss:
    2.995715
3094 Epoch:193 batch_num:3 t_c_loss:1.479314 t_sl_loss:2
    .995715
3095 Epoch:193 batch_num:4 t_c_loss:1.4536884 t_sl_loss:
    2.995715
3096 Epoch:193 batch_num:5 t_c_loss:1.0715076 t_sl_loss:
    2.995715
3097 Epoch:193 batch_num:6 t_c_loss:1.1128587 t_sl_loss:
    2.995715
3098 Epoch:193 batch_num:7 t_c_loss:1.1804998 t_sl_loss:
    2.995715
3099 Epoch:193 batch_num:8 t_c_loss:1.2079495 t_sl_loss:
    2.995715
3100 Epoch:193 batch_num:9 t_c_loss:1.1796758 t_sl_loss:
    2.995715
3101 Epoch:193 batch_num:10 t_c_loss:1.1700666 t_sl_loss
    :2.995715
3102 Epoch:193 batch_num:11 t_c_loss:1.2091607 t_sl_loss
    :2.995715
3103 Epoch:193 batch_num:12 t_c_loss:1.1060046 t_sl_loss
    :2.995715
3104 Epoch:193 batch_num:13 t_c_loss:1.3933632 t_sl_loss
    :-0.0
3105 epoch_num:193 accuracy_for_train:0.4329501915708812
3106 epoch_num:193 accuracy_for_test:0.3269961977186312
```

```
3107 Epoch:194 batch_num:0 t_c_loss:1.3035734 t_sl_loss:
    2.995715
3108 Epoch:194 batch_num:1 t_c_loss:1.1693331 t_sl_loss:
    2.995715
3109 Epoch:194 batch_num:2 t_c_loss:1.1998663 t_sl_loss:
    2.995715
3110 Epoch:194 batch_num:3 t_c_loss:1.1667577 t_sl_loss:
    2.995715
3111 Epoch:194 batch_num:4 t_c_loss:1.1038167 t_sl_loss:
    2.995715
3112 Epoch:194 batch_num:5 t_c_loss:1.1360584 t_sl_loss:
    2.995715
3113 Epoch:194 batch_num:6 t_c_loss:1.2464217 t_sl_loss:
    2.995715
3114 Epoch:194 batch_num:7 t_c_loss:1.3014938 t_sl_loss:
    2.995715
3115 Epoch:194 batch_num:8 t_c_loss:1.3179195 t_sl_loss:
    2.9958577
3116 Epoch:194 batch_num:9 t_c_loss:1.1152698 t_sl_loss:
    2.995715
3117 Epoch:194 batch_num:10 t_c_loss:1.0389912 t_sl_loss
    :2.995715
3118 Epoch:194 batch_num:11 t_c_loss:1.1376749 t_sl_loss
    :2.995715
3119 Epoch:194 batch_num:12 t_c_loss:1.0557373 t_sl_loss
    :2.995715
3120 Epoch:194 batch_num:13 t_c_loss:1.807056 t_sl_loss
    :-0.0
3121 epoch_num:194 accuracy_for_train:0.
    39080459770114945
3122 epoch_num:194 accuracy_for_test:0.3231939163498099
3123 Epoch:195 batch_num:0 t_c_loss:1.2875515 t_sl_loss:
    2.995715
3124 Epoch:195 batch_num:1 t_c_loss:1.0314698 t_sl_loss:
    2.995715
3125 Epoch:195 batch_num:2 t_c_loss:1.1361072 t_sl_loss:
    2.995715
3126 Epoch:195 batch_num:3 t_c_loss:1.18237 t_sl_loss:2.
    995715
3127 Epoch:195 batch_num:4 t_c_loss:1.1936436 t_sl_loss:
    2.995716
```



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3128 Epoch:195 batch_num:5 t_c_loss:1.2006208 t_sl_loss:
    2.995715
3129 Epoch:195 batch_num:6 t_c_loss:1.0650502 t_sl_loss:
    2.995715
3130 Epoch:195 batch_num:7 t_c_loss:1.0465114 t_sl_loss:
    2.995715
3131 Epoch:195 batch_num:8 t_c_loss:1.3409351 t_sl_loss:
    2.995715
3132 Epoch:195 batch_num:9 t_c_loss:1.5135425 t_sl_loss:
    2.995715
3133 Epoch:195 batch_num:10 t_c_loss:1.1635678 t_sl_loss
    :2.995715
3134 Epoch:195 batch_num:11 t_c_loss:1.2808598 t_sl_loss
    :2.995715
3135 Epoch:195 batch_num:12 t_c_loss:0.9625805 t_sl_loss
    :2.995715
3136 Epoch:195 batch_num:13 t_c_loss:1.3978881 t_sl_loss
    :-0.0
3137 epoch_num:195 accuracy_for_train:0.
    42911877394636017
3138 epoch_num:195 accuracy_for_test:0.33840304182509506
3139 Epoch:196 batch_num:0 t_c_loss:1.2044127 t_sl_loss:
    2.995715
3140 Epoch:196 batch_num:1 t_c_loss:1.2295347 t_sl_loss:
    2.995715
3141 Epoch:196 batch_num:2 t_c_loss:1.0951767 t_sl_loss:
    2.995715
3142 Epoch:196 batch_num:3 t_c_loss:1.1184964 t_sl_loss:
    2.995715
3143 Epoch:196 batch_num:4 t_c_loss:1.2150208 t_sl_loss:
    2.995715
3144 Epoch:196 batch_num:5 t_c_loss:1.1120425 t_sl_loss:
    2.995715
3145 Epoch:196 batch_num:6 t_c_loss:1.1315591 t_sl_loss:
    2.995715
3146 Epoch:196 batch_num:7 t_c_loss:1.1814394 t_sl_loss:
    2.995715
3147 Epoch:196 batch_num:8 t_c_loss:1.1846503 t_sl_loss:
    2.995715
3148 Epoch:196 batch_num:9 t_c_loss:1.2316072 t_sl_loss:
    2.995715
```

```
3149 Epoch:196 batch_num:10 t_c_loss:1.1372933 t_sl_loss
    :2.9957151
3150 Epoch:196 batch_num:11 t_c_loss:1.1886669 t_sl_loss
    :2.995715
3151 Epoch:196 batch_num:12 t_c_loss:1.2404188 t_sl_loss
    :2.995715
3152 Epoch:196 batch_num:13 t_c_loss:1.2458994 t_sl_loss
    :-0.0
3153 epoch_num:196 accuracy_for_train:0.4482758620689655
3154 epoch_num:196 accuracy_for_test:0.35361216730038025
3155 Epoch:197 batch_num:0 t_c_loss:1.077602 t_sl_loss:2
    .995715
3156 Epoch:197 batch_num:1 t_c_loss:1.1810699 t_sl_loss:
    2.995715
3157 Epoch:197 batch_num:2 t_c_loss:1.0963154 t_sl_loss:
    2.995715
3158 Epoch:197 batch_num:3 t_c_loss:1.2676847 t_sl_loss:
    2.995715
3159 Epoch:197 batch_num:4 t_c_loss:1.2162116 t_sl_loss:
    2.995715
3160 Epoch:197 batch_num:5 t_c_loss:1.1382688 t_sl_loss:
    2.995715
3161 Epoch:197 batch_num:6 t_c_loss:1.3045422 t_sl_loss:
    2.995715
3162 Epoch:197 batch_num:7 t_c_loss:1.2457983 t_sl_loss:
    2.995715
3163 Epoch:197 batch_num:8 t_c_loss:1.1174631 t_sl_loss:
    2.995715
3164 Epoch:197 batch_num:9 t_c_loss:1.1172633 t_sl_loss:
    2.995715
3165 Epoch:197 batch_num:10 t_c_loss:1.1197171 t_sl_loss
    :2.995715
3166 Epoch:197 batch_num:11 t_c_loss:1.0934874 t_sl_loss
    :2.9957166
3167 Epoch:197 batch_num:12 t_c_loss:1.2015982 t_sl_loss
    :2.995715
3168 Epoch:197 batch_num:13 t_c_loss:1.3987818 t_sl_loss
    :-0.0
3169 epoch_num:197 accuracy_for_train:0.4099616858237548
3170 epoch_num:197 accuracy_for_test:0.376425855513308
3171 Epoch:198 batch_num:0 t_c_loss:1.3860264 t_sl_loss:
```

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3171 2.995715
3172 Epoch:198 batch_num:1 t_c_loss:1.1428103 t_sl_loss:
    2.995715
3173 Epoch:198 batch_num:2 t_c_loss:1.110821 t_sl_loss:2
    .995715
3174 Epoch:198 batch_num:3 t_c_loss:1.3029754 t_sl_loss:
    2.995715
3175 Epoch:198 batch_num:4 t_c_loss:1.1574224 t_sl_loss:
    2.995715
3176 Epoch:198 batch_num:5 t_c_loss:1.2203021 t_sl_loss:
    2.9957151
3177 Epoch:198 batch_num:6 t_c_loss:1.2229639 t_sl_loss:
    2.995715
3178 Epoch:198 batch_num:7 t_c_loss:1.0257753 t_sl_loss:
    2.9957175
3179 Epoch:198 batch_num:8 t_c_loss:1.1464211 t_sl_loss:
    2.995715
3180 Epoch:198 batch_num:9 t_c_loss:1.103828 t_sl_loss:2
    .995715
3181 Epoch:198 batch_num:10 t_c_loss:1.3367896 t_sl_loss
    :2.995715
3182 Epoch:198 batch_num:11 t_c_loss:1.0293304 t_sl_loss
    :2.995715
3183 Epoch:198 batch_num:12 t_c_loss:1.2566106 t_sl_loss
    :2.995715
3184 Epoch:198 batch_num:13 t_c_loss:1.152965 t_sl_loss
    :-0.0
3185 epoch_num:198 accuracy_for_train:0.421455938697318
3186 epoch_num:198 accuracy_for_test:0.35361216730038025
3187 Epoch:199 batch_num:0 t_c_loss:1.0201774 t_sl_loss:
    2.995715
3188 Epoch:199 batch_num:1 t_c_loss:1.0440353 t_sl_loss:
    2.995715
3189 Epoch:199 batch_num:2 t_c_loss:1.3906012 t_sl_loss:
    2.995715
3190 Epoch:199 batch_num:3 t_c_loss:1.2387621 t_sl_loss:
    2.995715
3191 Epoch:199 batch_num:4 t_c_loss:1.2974513 t_sl_loss:
    2.995715
3192 Epoch:199 batch_num:5 t_c_loss:1.1613096 t_sl_loss:
    2.995715
```

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3193 Epoch:199 batch_num:6 t_c_loss:1.2424667 t_sl_loss:
    2.995715
3194 Epoch:199 batch_num:7 t_c_loss:1.1912295 t_sl_loss:
    2.995715
3195 Epoch:199 batch_num:8 t_c_loss:1.311106 t_sl_loss:2
    .99581
3196 Epoch:199 batch_num:9 t_c_loss:1.2512138 t_sl_loss:
    2.9957151
3197 Epoch:199 batch_num:10 t_c_loss:1.1521343 t_sl_loss
    :2.995715
3198 Epoch:199 batch_num:11 t_c_loss:1.1157424 t_sl_loss
    :2.9957151
3199 Epoch:199 batch_num:12 t_c_loss:1.1399013 t_sl_loss
    :2.995715
3200 Epoch:199 batch_num:13 t_c_loss:1.7426894 t_sl_loss
    :-0.0
3201 epoch_num:199 accuracy_for_train:0.4329501915708812
3202 epoch_num:199 accuracy_for_test:0.33460076045627374
3203 Epoch:200 batch_num:0 t_c_loss:1.3635852 t_sl_loss:
    2.995715
3204 Epoch:200 batch_num:1 t_c_loss:1.1615704 t_sl_loss:
    2.995715
3205 Epoch:200 batch_num:2 t_c_loss:1.1512617 t_sl_loss:
    2.995715
3206 Epoch:200 batch_num:3 t_c_loss:1.0057375 t_sl_loss:
    2.995715
3207 Epoch:200 batch_num:4 t_c_loss:1.2102506 t_sl_loss:
    3.0798182
3208 Epoch:200 batch_num:5 t_c_loss:1.1298575 t_sl_loss:
    2.9957144
3209 Epoch:200 batch_num:6 t_c_loss:1.2794372 t_sl_loss:
    2.995715
3210 Epoch:200 batch_num:7 t_c_loss:1.309841 t_sl_loss:2
    .995715
3211 Epoch:200 batch_num:8 t_c_loss:1.4242821 t_sl_loss:
    2.995715
3212 Epoch:200 batch_num:9 t_c_loss:1.1335357 t_sl_loss:
    2.995715
3213 Epoch:200 batch_num:10 t_c_loss:1.2366501 t_sl_loss
    :2.995715
3214 Epoch:200 batch_num:11 t_c_loss:1.0492741 t_sl_loss
```

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3214 :2.995715
3215 Epoch:200 batch_num:12 t_c_loss:1.1821055 t_sl_loss
      :2.995715
3216 Epoch:200 batch_num:13 t_c_loss:1.3603847 t_sl_loss
      :-0.0
3217 epoch_num:200 accuracy_for_train:0.4329501915708812
3218 epoch_num:200 accuracy_for_test:0.3688212927756654
3219 Epoch:201 batch_num:0 t_c_loss:1.2082589 t_sl_loss:
      2.9957151
3220 Epoch:201 batch_num:1 t_c_loss:1.1644168 t_sl_loss:
      2.995715
3221 Epoch:201 batch_num:2 t_c_loss:1.2931273 t_sl_loss:
      2.9957144
3222 Epoch:201 batch_num:3 t_c_loss:1.1196096 t_sl_loss:
      2.995715
3223 Epoch:201 batch_num:4 t_c_loss:1.179309 t_sl_loss:2
      .9957151
3224 Epoch:201 batch_num:5 t_c_loss:1.1360135 t_sl_loss:
      2.995715
3225 Epoch:201 batch_num:6 t_c_loss:1.1016237 t_sl_loss:
      2.995715
3226 Epoch:201 batch_num:7 t_c_loss:1.3606814 t_sl_loss:
      2.995715
3227 Epoch:201 batch_num:8 t_c_loss:1.0880868 t_sl_loss:
      2.995715
3228 Epoch:201 batch_num:9 t_c_loss:1.2114503 t_sl_loss:
      2.995715
3229 Epoch:201 batch_num:10 t_c_loss:1.2282389 t_sl_loss
      :2.995715
3230 Epoch:201 batch_num:11 t_c_loss:1.3597075 t_sl_loss
      :2.995715
3231 Epoch:201 batch_num:12 t_c_loss:1.0041342 t_sl_loss
      :2.995715
3232 Epoch:201 batch_num:13 t_c_loss:1.4177358 t_sl_loss
      :-0.0
3233 epoch_num:201 accuracy_for_train:0.
      41762452107279696
3234 epoch_num:201 accuracy_for_test:0.34220532319391633
3235 Epoch:202 batch_num:0 t_c_loss:1.0976206 t_sl_loss:
      2.995715
3236 Epoch:202 batch_num:1 t_c_loss:1.1258901 t_sl_loss:
```

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3236 2.995715
3237 Epoch:202 batch_num:2 t_c_loss:1.1046647 t_sl_loss:
      2.995715
3238 Epoch:202 batch_num:3 t_c_loss:1.2360775 t_sl_loss:
      2.995715
3239 Epoch:202 batch_num:4 t_c_loss:1.3312036 t_sl_loss:
      2.995715
3240 Epoch:202 batch_num:5 t_c_loss:1.3661302 t_sl_loss:
      2.995715
3241 Epoch:202 batch_num:6 t_c_loss:0.98443687 t_sl_loss
      :2.995715
3242 Epoch:202 batch_num:7 t_c_loss:1.336156 t_sl_loss:2
      .995715
3243 Epoch:202 batch_num:8 t_c_loss:1.1134636 t_sl_loss:
      2.995715
3244 Epoch:202 batch_num:9 t_c_loss:1.1111113 t_sl_loss:
      2.995715
3245 Epoch:202 batch_num:10 t_c_loss:1.239633 t_sl_loss:
      2.995715
3246 Epoch:202 batch_num:11 t_c_loss:1.0943854 t_sl_loss
      :2.995715
3247 Epoch:202 batch_num:12 t_c_loss:1.1329943 t_sl_loss
      :2.995715
3248 Epoch:202 batch_num:13 t_c_loss:1.4913023 t_sl_loss
      :-0.0
3249 epoch_num:202 accuracy_for_train:0.421455938697318
3250 epoch_num:202 accuracy_for_test:0.33079847908745247
3251 Epoch:203 batch_num:0 t_c_loss:1.108885 t_sl_loss:2
      .995715
3252 Epoch:203 batch_num:1 t_c_loss:1.1644112 t_sl_loss:
      2.995715
3253 Epoch:203 batch_num:2 t_c_loss:1.0795466 t_sl_loss:
      2.995715
3254 Epoch:203 batch_num:3 t_c_loss:1.230273 t_sl_loss:2
      .995715
3255 Epoch:203 batch_num:4 t_c_loss:1.3706889 t_sl_loss:
      2.995715
3256 Epoch:203 batch_num:5 t_c_loss:1.3257847 t_sl_loss:
      2.995715
3257 Epoch:203 batch_num:6 t_c_loss:1.2118273 t_sl_loss:
      2.995715
```

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3258 Epoch:203 batch_num:7 t_c_loss:1.2282374 t_sl_loss:
    2.995715
3259 Epoch:203 batch_num:8 t_c_loss:1.1100607 t_sl_loss:
    2.995715
3260 Epoch:203 batch_num:9 t_c_loss:1.2394964 t_sl_loss:
    2.995715
3261 Epoch:203 batch_num:10 t_c_loss:1.132281 t_sl_loss:
    2.995715
3262 Epoch:203 batch_num:11 t_c_loss:1.1852285 t_sl_loss
    :2.995715
3263 Epoch:203 batch_num:12 t_c_loss:1.0616592 t_sl_loss
    :2.995715
3264 Epoch:203 batch_num:13 t_c_loss:1.2403076 t_sl_loss
    :-0.0
3265 epoch_num:203 accuracy_for_train:0.
    42528735632183906
3266 epoch_num:203 accuracy_for_test:0.34220532319391633
3267 Epoch:204 batch_num:0 t_c_loss:1.0736787 t_sl_loss:
    2.995715
3268 Epoch:204 batch_num:1 t_c_loss:1.1943545 t_sl_loss:
    2.995715
3269 Epoch:204 batch_num:2 t_c_loss:1.3332405 t_sl_loss:
    2.995715
3270 Epoch:204 batch_num:3 t_c_loss:1.0731226 t_sl_loss:
    2.9957132
3271 Epoch:204 batch_num:4 t_c_loss:1.1211288 t_sl_loss:
    2.995715
3272 Epoch:204 batch_num:5 t_c_loss:1.1898854 t_sl_loss:
    2.995715
3273 Epoch:204 batch_num:6 t_c_loss:1.202355 t_sl_loss:2
    .995715
3274 Epoch:204 batch_num:7 t_c_loss:1.1578305 t_sl_loss:
    2.995715
3275 Epoch:204 batch_num:8 t_c_loss:1.172878 t_sl_loss:2
    .995715
3276 Epoch:204 batch_num:9 t_c_loss:0.9603524 t_sl_loss:
    2.995715
3277 Epoch:204 batch_num:10 t_c_loss:1.2157799 t_sl_loss
    :2.995715
3278 Epoch:204 batch_num:11 t_c_loss:1.416319 t_sl_loss:
    2.995715
```

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3279 Epoch:204 batch_num:12 t_c_loss:1.4237528 t_sl_loss
    :2.995715
3280 Epoch:204 batch_num:13 t_c_loss:1.299543 t_sl_loss
    :-0.0
3281 epoch_num:204 accuracy_for_train:0.421455938697318
3282 epoch_num:204 accuracy_for_test:0.376425855513308
3283 Epoch:205 batch_num:0 t_c_loss:1.2770425 t_sl_loss:
    2.995715
3284 Epoch:205 batch_num:1 t_c_loss:1.1133507 t_sl_loss:
    2.995715
3285 Epoch:205 batch_num:2 t_c_loss:1.2451416 t_sl_loss:
    2.995715
3286 Epoch:205 batch_num:3 t_c_loss:1.2411487 t_sl_loss:
    2.995715
3287 Epoch:205 batch_num:4 t_c_loss:1.0778 t_sl_loss:2.
    995715
3288 Epoch:205 batch_num:5 t_c_loss:1.2443279 t_sl_loss:
    2.995715
3289 Epoch:205 batch_num:6 t_c_loss:1.2095907 t_sl_loss:
    2.995715
3290 Epoch:205 batch_num:7 t_c_loss:1.2169384 t_sl_loss:
    2.995715
3291 Epoch:205 batch_num:8 t_c_loss:1.2048508 t_sl_loss:
    2.995715
3292 Epoch:205 batch_num:9 t_c_loss:1.1267097 t_sl_loss:
    2.995715
3293 Epoch:205 batch_num:10 t_c_loss:1.1343168 t_sl_loss
    :2.995715
3294 Epoch:205 batch_num:11 t_c_loss:1.3180726 t_sl_loss
    :2.995715
3295 Epoch:205 batch_num:12 t_c_loss:1.1673362 t_sl_loss
    :2.995715
3296 Epoch:205 batch_num:13 t_c_loss:1.4559736 t_sl_loss
    :-0.0
3297 epoch_num:205 accuracy_for_train:0.4099616858237548
3298 epoch_num:205 accuracy_for_test:0.34220532319391633
3299 Epoch:206 batch_num:0 t_c_loss:1.0495412 t_sl_loss:
    2.995715
3300 Epoch:206 batch_num:1 t_c_loss:1.1605052 t_sl_loss:
    2.9957235
3301 Epoch:206 batch_num:2 t_c_loss:1.199326 t_sl_loss:2
```



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3301 .995715
3302 Epoch:206 batch_num:3 t_c_loss:1.2670323 t_sl_loss:
    2.995715
3303 Epoch:206 batch_num:4 t_c_loss:1.2494512 t_sl_loss:
    2.995715
3304 Epoch:206 batch_num:5 t_c_loss:1.1535422 t_sl_loss:
    2.995715
3305 Epoch:206 batch_num:6 t_c_loss:1.2432115 t_sl_loss:
    2.995715
3306 Epoch:206 batch_num:7 t_c_loss:1.0506899 t_sl_loss:
    2.995715
3307 Epoch:206 batch_num:8 t_c_loss:1.0406898 t_sl_loss:
    2.995715
3308 Epoch:206 batch_num:9 t_c_loss:1.2354827 t_sl_loss:
    2.995715
3309 Epoch:206 batch_num:10 t_c_loss:1.30806 t_sl_loss:2
    .995715
3310 Epoch:206 batch_num:11 t_c_loss:1.1354064 t_sl_loss
    :2.995715
3311 Epoch:206 batch_num:12 t_c_loss:1.2736259 t_sl_loss
    :2.995715
3312 Epoch:206 batch_num:13 t_c_loss:1.7682761 t_sl_loss
    :-0.0
3313 epoch_num:206 accuracy_for_train:0.3793103448275862
3314 epoch_num:206 accuracy_for_test:0.33079847908745247
3315 Epoch:207 batch_num:0 t_c_loss:1.101995 t_sl_loss:2
    .995715
3316 Epoch:207 batch_num:1 t_c_loss:1.5154047 t_sl_loss:
    2.995715
3317 Epoch:207 batch_num:2 t_c_loss:1.2201277 t_sl_loss:
    2.995715
3318 Epoch:207 batch_num:3 t_c_loss:1.0134938 t_sl_loss:
    2.995715
3319 Epoch:207 batch_num:4 t_c_loss:1.266957 t_sl_loss:2
    .995715
3320 Epoch:207 batch_num:5 t_c_loss:1.1477776 t_sl_loss:
    2.995715
3321 Epoch:207 batch_num:6 t_c_loss:1.0890677 t_sl_loss:
    2.995715
3322 Epoch:207 batch_num:7 t_c_loss:1.1487963 t_sl_loss:
    2.995715
```

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3323 Epoch:207 batch_num:8 t_c_loss:1.2583048 t_sl_loss:
    2.995715
3324 Epoch:207 batch_num:9 t_c_loss:1.2229593 t_sl_loss:
    2.995715
3325 Epoch:207 batch_num:10 t_c_loss:1.207688 t_sl_loss:
    2.995715
3326 Epoch:207 batch_num:11 t_c_loss:1.0124764 t_sl_loss
    :2.995715
3327 Epoch:207 batch_num:12 t_c_loss:1.1440442 t_sl_loss
    :2.995715
3328 Epoch:207 batch_num:13 t_c_loss:1.4928579 t_sl_loss
    :-0.0
3329 epoch_num:207 accuracy_for_train:0.3486590038314176
3330 epoch_num:207 accuracy_for_test:0.2965779467680608
3331 Epoch:208 batch_num:0 t_c_loss:1.3666779 t_sl_loss:
    2.995715
3332 Epoch:208 batch_num:1 t_c_loss:1.1422727 t_sl_loss:
    2.995715
3333 Epoch:208 batch_num:2 t_c_loss:1.337598 t_sl_loss:2
    .995715
3334 Epoch:208 batch_num:3 t_c_loss:1.1704261 t_sl_loss:
    2.995715
3335 Epoch:208 batch_num:4 t_c_loss:1.0676856 t_sl_loss:
    2.995715
3336 Epoch:208 batch_num:5 t_c_loss:1.1956508 t_sl_loss:
    2.995715
3337 Epoch:208 batch_num:6 t_c_loss:1.1532109 t_sl_loss:
    2.995715
3338 Epoch:208 batch_num:7 t_c_loss:1.0819492 t_sl_loss:
    2.995715
3339 Epoch:208 batch_num:8 t_c_loss:1.2400923 t_sl_loss:
    2.995715
3340 Epoch:208 batch_num:9 t_c_loss:1.3138636 t_sl_loss:
    2.995715
3341 Epoch:208 batch_num:10 t_c_loss:1.1566168 t_sl_loss
    :2.995715
3342 Epoch:208 batch_num:11 t_c_loss:1.1443594 t_sl_loss
    :2.995715
3343 Epoch:208 batch_num:12 t_c_loss:1.1595472 t_sl_loss
    :2.995715
3344 Epoch:208 batch_num:13 t_c_loss:1.4412483 t_sl_loss
```

```
3344 :-0.0
3345 epoch_num:208 accuracy_for_train:0.4061302681992337
3346 epoch_num:208 accuracy_for_test:0.34220532319391633
3347 Epoch:209 batch_num:0 t_c_loss:1.1655408 t_sl_loss:
    2.995715
3348 Epoch:209 batch_num:1 t_c_loss:1.192025 t_sl_loss:2
    .995715
3349 Epoch:209 batch_num:2 t_c_loss:1.3051679 t_sl_loss:
    2.995715
3350 Epoch:209 batch_num:3 t_c_loss:1.071311 t_sl_loss:2
    .995715
3351 Epoch:209 batch_num:4 t_c_loss:1.179127 t_sl_loss:2
    .995715
3352 Epoch:209 batch_num:5 t_c_loss:1.2553165 t_sl_loss:
    2.995715
3353 Epoch:209 batch_num:6 t_c_loss:1.1079545 t_sl_loss:
    2.995715
3354 Epoch:209 batch_num:7 t_c_loss:1.0922441 t_sl_loss:
    2.995715
3355 Epoch:209 batch_num:8 t_c_loss:1.3261187 t_sl_loss:
    2.995715
3356 Epoch:209 batch_num:9 t_c_loss:1.2226791 t_sl_loss:
    2.995715
3357 Epoch:209 batch_num:10 t_c_loss:1.2389898 t_sl_loss
    :2.995715
3358 Epoch:209 batch_num:11 t_c_loss:1.1874025 t_sl_loss
    :2.995715
3359 Epoch:209 batch_num:12 t_c_loss:1.1792085 t_sl_loss
    :2.995715
3360 Epoch:209 batch_num:13 t_c_loss:1.3341361 t_sl_loss
    :-0.0
3361 epoch_num:209 accuracy_for_train:0.
    42911877394636017
3362 epoch_num:209 accuracy_for_test:0.376425855513308
3363 Epoch:210 batch_num:0 t_c_loss:1.0452453 t_sl_loss:
    2.995715
3364 Epoch:210 batch_num:1 t_c_loss:1.3078749 t_sl_loss:
    2.995715
3365 Epoch:210 batch_num:2 t_c_loss:1.3655045 t_sl_loss:
    2.9957151
3366 Epoch:210 batch_num:3 t_c_loss:1.2264637 t_sl_loss:
```

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3366 2.995715
3367 Epoch:210 batch_num:4 t_c_loss:1.0966511 t_sl_loss:
    2.995715
3368 Epoch:210 batch_num:5 t_c_loss:1.1202366 t_sl_loss:
    2.995715
3369 Epoch:210 batch_num:6 t_c_loss:1.1334046 t_sl_loss:
    2.995715
3370 Epoch:210 batch_num:7 t_c_loss:1.1682316 t_sl_loss:
    2.995715
3371 Epoch:210 batch_num:8 t_c_loss:1.2417111 t_sl_loss:
    2.9957433
3372 Epoch:210 batch_num:9 t_c_loss:1.2321361 t_sl_loss:
    2.995715
3373 Epoch:210 batch_num:10 t_c_loss:1.171987 t_sl_loss:
    2.995715
3374 Epoch:210 batch_num:11 t_c_loss:1.1053681 t_sl_loss
    :2.995715
3375 Epoch:210 batch_num:12 t_c_loss:1.3063338 t_sl_loss
    :2.995715
3376 Epoch:210 batch_num:13 t_c_loss:1.1847558 t_sl_loss
    :-0.0
3377 epoch_num:210 accuracy_for_train:0.4329501915708812
3378 epoch_num:210 accuracy_for_test:0.35361216730038025
3379 Epoch:211 batch_num:0 t_c_loss:1.2410172 t_sl_loss:
    2.995715
3380 Epoch:211 batch_num:1 t_c_loss:1.1326363 t_sl_loss:
    2.995715
3381 Epoch:211 batch_num:2 t_c_loss:1.1287075 t_sl_loss:
    2.995715
3382 Epoch:211 batch_num:3 t_c_loss:1.0637128 t_sl_loss:
    2.995715
3383 Epoch:211 batch_num:4 t_c_loss:1.2422202 t_sl_loss:
    2.995715
3384 Epoch:211 batch_num:5 t_c_loss:1.0812703 t_sl_loss:
    2.995715
3385 Epoch:211 batch_num:6 t_c_loss:1.1119785 t_sl_loss:
    2.995715
3386 Epoch:211 batch_num:7 t_c_loss:1.3168269 t_sl_loss:
    2.995715
3387 Epoch:211 batch_num:8 t_c_loss:1.2391272 t_sl_loss:
    2.995715
```

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3388 Epoch:211 batch_num:9 t_c_loss:1.1972802 t_sl_loss:
    2.995715
3389 Epoch:211 batch_num:10 t_c_loss:1.3853304 t_sl_loss
    :2.995715
3390 Epoch:211 batch_num:11 t_c_loss:1.1600235 t_sl_loss
    :2.995715
3391 Epoch:211 batch_num:12 t_c_loss:1.0651089 t_sl_loss
    :2.995715
3392 Epoch:211 batch_num:13 t_c_loss:1.4816427 t_sl_loss
    :-0.0
3393 epoch_num:211 accuracy_for_train:0.4521072796934866
3394 epoch_num:211 accuracy_for_test:0.33079847908745247
3395 Epoch:212 batch_num:0 t_c_loss:1.1231656 t_sl_loss:
    2.995715
3396 Epoch:212 batch_num:1 t_c_loss:1.2245057 t_sl_loss:
    2.995715
3397 Epoch:212 batch_num:2 t_c_loss:1.2417576 t_sl_loss:
    2.995715
3398 Epoch:212 batch_num:3 t_c_loss:1.460109 t_sl_loss:2
    .995715
3399 Epoch:212 batch_num:4 t_c_loss:1.1077483 t_sl_loss:
    2.995715
3400 Epoch:212 batch_num:5 t_c_loss:1.064225 t_sl_loss:2
    .995715
3401 Epoch:212 batch_num:6 t_c_loss:1.3358796 t_sl_loss:
    2.995715
3402 Epoch:212 batch_num:7 t_c_loss:1.2592552 t_sl_loss:
    2.995715
3403 Epoch:212 batch_num:8 t_c_loss:1.0892943 t_sl_loss:
    2.995715
3404 Epoch:212 batch_num:9 t_c_loss:0.9724105 t_sl_loss:
    2.995715
3405 Epoch:212 batch_num:10 t_c_loss:1.072822 t_sl_loss:
    2.995715
3406 Epoch:212 batch_num:11 t_c_loss:1.2076216 t_sl_loss
    :2.995715
3407 Epoch:212 batch_num:12 t_c_loss:1.3215172 t_sl_loss
    :2.995715
3408 Epoch:212 batch_num:13 t_c_loss:1.3588226 t_sl_loss
    :-0.0
3409 epoch_num:212 accuracy_for_train:0.
```

```
3409 40229885057471265
3410 epoch_num:212 accuracy_for_test:0.3231939163498099
3411 Epoch:213 batch_num:0 t_c_loss:1.6119255 t_sl_loss:
    2.995715
3412 Epoch:213 batch_num:1 t_c_loss:1.0582879 t_sl_loss:
    2.995715
3413 Epoch:213 batch_num:2 t_c_loss:1.3596176 t_sl_loss:
    2.995715
3414 Epoch:213 batch_num:3 t_c_loss:1.0817367 t_sl_loss:
    2.995715
3415 Epoch:213 batch_num:4 t_c_loss:1.1263456 t_sl_loss:
    2.995715
3416 Epoch:213 batch_num:5 t_c_loss:1.1139512 t_sl_loss:
    2.995715
3417 Epoch:213 batch_num:6 t_c_loss:1.0929937 t_sl_loss:
    2.995715
3418 Epoch:213 batch_num:7 t_c_loss:1.3547252 t_sl_loss:
    2.995715
3419 Epoch:213 batch_num:8 t_c_loss:1.2237003 t_sl_loss:
    2.995715
3420 Epoch:213 batch_num:9 t_c_loss:1.1064103 t_sl_loss:
    2.995715
3421 Epoch:213 batch_num:10 t_c_loss:1.1170514 t_sl_loss
    :2.995715
3422 Epoch:213 batch_num:11 t_c_loss:1.1287363 t_sl_loss
    :2.995715
3423 Epoch:213 batch_num:12 t_c_loss:1.2151864 t_sl_loss
    :2.995715
3424 Epoch:213 batch_num:13 t_c_loss:1.6796907 t_sl_loss
    :-0.0
3425 epoch_num:213 accuracy_for_train:0.4329501915708812
3426 epoch_num:213 accuracy_for_test:0.3574144486692015
3427 Epoch:214 batch_num:0 t_c_loss:1.2751634 t_sl_loss:
    2.995715
3428 Epoch:214 batch_num:1 t_c_loss:1.1736313 t_sl_loss:
    2.995715
3429 Epoch:214 batch_num:2 t_c_loss:1.2033632 t_sl_loss:
    2.995715
3430 Epoch:214 batch_num:3 t_c_loss:1.0077 t_sl_loss:2.
    9957151
3431 Epoch:214 batch_num:4 t_c_loss:1.2242465 t_sl_loss:
```

```
3431 2.995715
3432 Epoch:214 batch_num:5 t_c_loss:1.0699441 t_sl_loss:
    2.995715
3433 Epoch:214 batch_num:6 t_c_loss:1.2176943 t_sl_loss:
    2.995715
3434 Epoch:214 batch_num:7 t_c_loss:1.3543366 t_sl_loss:
    2.995715
3435 Epoch:214 batch_num:8 t_c_loss:1.1172067 t_sl_loss:
    2.995715
3436 Epoch:214 batch_num:9 t_c_loss:1.1910012 t_sl_loss:
    2.995715
3437 Epoch:214 batch_num:10 t_c_loss:1.1003188 t_sl_loss
    :2.995715
3438 Epoch:214 batch_num:11 t_c_loss:1.3268633 t_sl_loss
    :2.995715
3439 Epoch:214 batch_num:12 t_c_loss:1.2261555 t_sl_loss
    :2.995715
3440 Epoch:214 batch_num:13 t_c_loss:1.2548207 t_sl_loss
    :-0.0
3441 epoch_num:214 accuracy_for_train:0.
    44061302681992337
3442 epoch_num:214 accuracy_for_test:0.34600760456273766
3443 Epoch:215 batch_num:0 t_c_loss:1.1902812 t_sl_loss:
    2.995715
3444 Epoch:215 batch_num:1 t_c_loss:1.1259565 t_sl_loss:
    2.995715
3445 Epoch:215 batch_num:2 t_c_loss:1.1722478 t_sl_loss:
    2.995715
3446 Epoch:215 batch_num:3 t_c_loss:1.1346982 t_sl_loss:
    2.995715
3447 Epoch:215 batch_num:4 t_c_loss:1.1982398 t_sl_loss:
    2.995715
3448 Epoch:215 batch_num:5 t_c_loss:1.1116806 t_sl_loss:
    2.995715
3449 Epoch:215 batch_num:6 t_c_loss:1.1392777 t_sl_loss:
    2.995715
3450 Epoch:215 batch_num:7 t_c_loss:1.3922995 t_sl_loss:
    2.995715
3451 Epoch:215 batch_num:8 t_c_loss:1.0694139 t_sl_loss:
    2.995715
3452 Epoch:215 batch_num:9 t_c_loss:1.1990781 t_sl_loss:
```

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3452 2.995715
3453 Epoch:215 batch_num:10 t_c_loss:1.2711811 t_sl_loss
      :2.995715
3454 Epoch:215 batch_num:11 t_c_loss:1.0681491 t_sl_loss
      :2.995715
3455 Epoch:215 batch_num:12 t_c_loss:1.2073444 t_sl_loss
      :2.995715
3456 Epoch:215 batch_num:13 t_c_loss:1.5208757 t_sl_loss
      :-0.0
3457 epoch_num:215 accuracy_for_train:0.4367816091954023
3458 epoch_num:215 accuracy_for_test:0.3726235741444867
3459 Epoch:216 batch_num:0 t_c_loss:1.1620692 t_sl_loss:
      2.995715
3460 Epoch:216 batch_num:1 t_c_loss:1.0606898 t_sl_loss:
      2.995715
3461 Epoch:216 batch_num:2 t_c_loss:1.1859771 t_sl_loss:
      2.995715
3462 Epoch:216 batch_num:3 t_c_loss:1.1910665 t_sl_loss:
      2.995715
3463 Epoch:216 batch_num:4 t_c_loss:1.0211271 t_sl_loss:
      2.995715
3464 Epoch:216 batch_num:5 t_c_loss:1.3245137 t_sl_loss:
      2.995715
3465 Epoch:216 batch_num:6 t_c_loss:1.3693757 t_sl_loss:
      2.995715
3466 Epoch:216 batch_num:7 t_c_loss:1.1580131 t_sl_loss:
      2.995715
3467 Epoch:216 batch_num:8 t_c_loss:1.1962574 t_sl_loss:
      2.995715
3468 Epoch:216 batch_num:9 t_c_loss:1.0826403 t_sl_loss:
      2.995715
3469 Epoch:216 batch_num:10 t_c_loss:1.2017326 t_sl_loss
      :2.995715
3470 Epoch:216 batch_num:11 t_c_loss:1.4289577 t_sl_loss
      :2.995715
3471 Epoch:216 batch_num:12 t_c_loss:1.0475851 t_sl_loss
      :2.995715
3472 Epoch:216 batch_num:13 t_c_loss:1.2430043 t_sl_loss
      :-0.0
3473 epoch_num:216 accuracy_for_train:0.4099616858237548
3474 epoch_num:216 accuracy_for_test:0.35361216730038025
```



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3475 Epoch:217 batch_num:0 t_c_loss:1.0632297 t_sl_loss:
    2.995715
3476 Epoch:217 batch_num:1 t_c_loss:1.1830766 t_sl_loss:
    2.995715
3477 Epoch:217 batch_num:2 t_c_loss:1.2060484 t_sl_loss:
    2.995715
3478 Epoch:217 batch_num:3 t_c_loss:1.009804 t_sl_loss:2
    .995715
3479 Epoch:217 batch_num:4 t_c_loss:1.2582359 t_sl_loss:
    2.995715
3480 Epoch:217 batch_num:5 t_c_loss:1.0757759 t_sl_loss:
    2.995715
3481 Epoch:217 batch_num:6 t_c_loss:1.0685928 t_sl_loss:
    2.995715
3482 Epoch:217 batch_num:7 t_c_loss:1.3709725 t_sl_loss:
    2.995715
3483 Epoch:217 batch_num:8 t_c_loss:1.4343388 t_sl_loss:
    2.995715
3484 Epoch:217 batch_num:9 t_c_loss:1.2587993 t_sl_loss:
    2.995715
3485 Epoch:217 batch_num:10 t_c_loss:1.1430305 t_sl_loss
    :2.995715
3486 Epoch:217 batch_num:11 t_c_loss:1.2612064 t_sl_loss
    :2.995715
3487 Epoch:217 batch_num:12 t_c_loss:1.1056576 t_sl_loss
    :2.995715
3488 Epoch:217 batch_num:13 t_c_loss:1.3459778 t_sl_loss
    :-0.0
3489 epoch_num:217 accuracy_for_train:0.4099616858237548
3490 epoch_num:217 accuracy_for_test:0.3650190114068441
3491 Epoch:218 batch_num:0 t_c_loss:1.2045112 t_sl_loss:
    2.995715
3492 Epoch:218 batch_num:1 t_c_loss:0.9557336 t_sl_loss:
    2.995715
3493 Epoch:218 batch_num:2 t_c_loss:1.3207544 t_sl_loss:
    2.995715
3494 Epoch:218 batch_num:3 t_c_loss:1.0645301 t_sl_loss:
    2.995715
3495 Epoch:218 batch_num:4 t_c_loss:1.0573204 t_sl_loss:
    2.995715
3496 Epoch:218 batch_num:5 t_c_loss:1.2038163 t_sl_loss:
```

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3496 2.995715
3497 Epoch:218 batch_num:6 t_c_loss:1.0599632 t_sl_loss:
    2.995715
3498 Epoch:218 batch_num:7 t_c_loss:1.1372124 t_sl_loss:
    2.995715
3499 Epoch:218 batch_num:8 t_c_loss:1.1720792 t_sl_loss:
    2.995715
3500 Epoch:218 batch_num:9 t_c_loss:1.2505333 t_sl_loss:
    2.995715
3501 Epoch:218 batch_num:10 t_c_loss:1.3123748 t_sl_loss
    :2.995715
3502 Epoch:218 batch_num:11 t_c_loss:1.3913853 t_sl_loss
    :2.995715
3503 Epoch:218 batch_num:12 t_c_loss:1.2423661 t_sl_loss
    :2.995973
3504 Epoch:218 batch_num:13 t_c_loss:1.5505883 t_sl_loss
    :-0.0
3505 epoch_num:218 accuracy_for_train:0.
    41762452107279696
3506 epoch_num:218 accuracy_for_test:0.34220532319391633
3507 Epoch:219 batch_num:0 t_c_loss:1.0763106 t_sl_loss:
    2.995715
3508 Epoch:219 batch_num:1 t_c_loss:1.180696 t_sl_loss:2
    .995715
3509 Epoch:219 batch_num:2 t_c_loss:1.1881249 t_sl_loss:
    2.9957147
3510 Epoch:219 batch_num:3 t_c_loss:1.0116893 t_sl_loss:
    2.995715
3511 Epoch:219 batch_num:4 t_c_loss:1.2686735 t_sl_loss:
    2.995715
3512 Epoch:219 batch_num:5 t_c_loss:1.2637541 t_sl_loss:
    2.995715
3513 Epoch:219 batch_num:6 t_c_loss:1.1651869 t_sl_loss:
    2.995715
3514 Epoch:219 batch_num:7 t_c_loss:1.161649 t_sl_loss:2
    .995715
3515 Epoch:219 batch_num:8 t_c_loss:1.2601278 t_sl_loss:
    2.995715
3516 Epoch:219 batch_num:9 t_c_loss:1.3216518 t_sl_loss:
    2.9957151
3517 Epoch:219 batch_num:10 t_c_loss:1.1166192 t_sl_loss
```

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3517 :2.995715
3518 Epoch:219 batch_num:11 t_c_loss:1.335448 t_sl_loss:
    2.9957154
3519 Epoch:219 batch_num:12 t_c_loss:1.1229001 t_sl_loss
    :2.995715
3520 Epoch:219 batch_num:13 t_c_loss:1.2599871 t_sl_loss
    :-0.0
3521 epoch_num:219 accuracy_for_train:0.
    39846743295019155
3522 epoch_num:219 accuracy_for_test:0.3269961977186312
3523 Epoch:220 batch_num:0 t_c_loss:1.296336 t_sl_loss:2
    .995715
3524 Epoch:220 batch_num:1 t_c_loss:1.0894457 t_sl_loss:
    2.995715
3525 Epoch:220 batch_num:2 t_c_loss:1.0545685 t_sl_loss:
    2.995715
3526 Epoch:220 batch_num:3 t_c_loss:1.0827835 t_sl_loss:
    2.995715
3527 Epoch:220 batch_num:4 t_c_loss:1.1863252 t_sl_loss:
    2.995715
3528 Epoch:220 batch_num:5 t_c_loss:1.3435894 t_sl_loss:
    2.9957142
3529 Epoch:220 batch_num:6 t_c_loss:1.0403678 t_sl_loss:
    2.995715
3530 Epoch:220 batch_num:7 t_c_loss:1.2456748 t_sl_loss:
    2.995715
3531 Epoch:220 batch_num:8 t_c_loss:1.47126 t_sl_loss:2.
    995715
3532 Epoch:220 batch_num:9 t_c_loss:1.1691735 t_sl_loss:
    2.995715
3533 Epoch:220 batch_num:10 t_c_loss:1.1547201 t_sl_loss
    :2.995715
3534 Epoch:220 batch_num:11 t_c_loss:1.0279796 t_sl_loss
    :2.995715
3535 Epoch:220 batch_num:12 t_c_loss:1.170776 t_sl_loss:
    2.995715
3536 Epoch:220 batch_num:13 t_c_loss:1.1821914 t_sl_loss
    :-0.0
3537 epoch_num:220 accuracy_for_train:0.
    42528735632183906
3538 epoch_num:220 accuracy_for_test:0.3650190114068441
```

```
3539 Epoch:221 batch_num:0 t_c_loss:1.2771953 t_sl_loss:
    2.995715
3540 Epoch:221 batch_num:1 t_c_loss:1.352352 t_sl_loss:2
    .995715
3541 Epoch:221 batch_num:2 t_c_loss:1.146488 t_sl_loss:2
    .995715
3542 Epoch:221 batch_num:3 t_c_loss:1.3696508 t_sl_loss:
    2.995715
3543 Epoch:221 batch_num:4 t_c_loss:1.1046002 t_sl_loss:
    2.995715
3544 Epoch:221 batch_num:5 t_c_loss:1.1226958 t_sl_loss:
    2.995715
3545 Epoch:221 batch_num:6 t_c_loss:1.1083417 t_sl_loss:
    2.995715
3546 Epoch:221 batch_num:7 t_c_loss:1.2777913 t_sl_loss:
    2.995715
3547 Epoch:221 batch_num:8 t_c_loss:1.0540335 t_sl_loss:
    2.995715
3548 Epoch:221 batch_num:9 t_c_loss:1.1319749 t_sl_loss:
    2.995715
3549 Epoch:221 batch_num:10 t_c_loss:1.0894397 t_sl_loss
    :2.995715
3550 Epoch:221 batch_num:11 t_c_loss:1.1329867 t_sl_loss
    :2.995715
3551 Epoch:221 batch_num:12 t_c_loss:1.2630918 t_sl_loss
    :2.995715
3552 Epoch:221 batch_num:13 t_c_loss:1.2485402 t_sl_loss
    :-0.0
3553 epoch_num:221 accuracy_for_train:0.
    41379310344827586
3554 epoch_num:221 accuracy_for_test:0.34980988593155893
3555 Epoch:222 batch_num:0 t_c_loss:1.1754566 t_sl_loss:
    2.995715
3556 Epoch:222 batch_num:1 t_c_loss:1.2506363 t_sl_loss:
    2.995715
3557 Epoch:222 batch_num:2 t_c_loss:1.1861601 t_sl_loss:
    2.995715
3558 Epoch:222 batch_num:3 t_c_loss:1.0933743 t_sl_loss:
    2.995715
3559 Epoch:222 batch_num:4 t_c_loss:1.2001072 t_sl_loss:
    2.995715
```

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3560 Epoch:222 batch_num:5 t_c_loss:1.096455 t_sl_loss:2
    .995715
3561 Epoch:222 batch_num:6 t_c_loss:1.2270724 t_sl_loss:
    2.995715
3562 Epoch:222 batch_num:7 t_c_loss:1.1599069 t_sl_loss:
    2.995715
3563 Epoch:222 batch_num:8 t_c_loss:1.4268434 t_sl_loss:
    2.995715
3564 Epoch:222 batch_num:9 t_c_loss:1.03924 t_sl_loss:2.
    995715
3565 Epoch:222 batch_num:10 t_c_loss:1.1186327 t_sl_loss
    :2.995715
3566 Epoch:222 batch_num:11 t_c_loss:1.1741717 t_sl_loss
    :2.995715
3567 Epoch:222 batch_num:12 t_c_loss:1.158082 t_sl_loss:
    2.995715
3568 Epoch:222 batch_num:13 t_c_loss:1.5126078 t_sl_loss
    :-0.0
3569 epoch_num:222 accuracy_for_train:0.421455938697318
3570 epoch_num:222 accuracy_for_test:0.3726235741444867
3571 Epoch:223 batch_num:0 t_c_loss:1.0628078 t_sl_loss:
    2.995715
3572 Epoch:223 batch_num:1 t_c_loss:1.4441696 t_sl_loss:
    2.995715
3573 Epoch:223 batch_num:2 t_c_loss:1.2619462 t_sl_loss:
    2.9958432
3574 Epoch:223 batch_num:3 t_c_loss:1.0506642 t_sl_loss:
    2.995715
3575 Epoch:223 batch_num:4 t_c_loss:1.1562101 t_sl_loss:
    2.995715
3576 Epoch:223 batch_num:5 t_c_loss:1.1879361 t_sl_loss:
    2.995715
3577 Epoch:223 batch_num:6 t_c_loss:1.1549575 t_sl_loss:
    2.995715
3578 Epoch:223 batch_num:7 t_c_loss:1.2963612 t_sl_loss:
    2.995715
3579 Epoch:223 batch_num:8 t_c_loss:1.1492269 t_sl_loss:
    2.995715
3580 Epoch:223 batch_num:9 t_c_loss:1.1146901 t_sl_loss:
    2.995715
3581 Epoch:223 batch_num:10 t_c_loss:1.2169956 t_sl_loss
```

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3581 :2.995715
3582 Epoch:223 batch_num:11 t_c_loss:1.003223 t_sl_loss:
    2.995715
3583 Epoch:223 batch_num:12 t_c_loss:1.1687696 t_sl_loss
    :2.995715
3584 Epoch:223 batch_num:13 t_c_loss:1.7030077 t_sl_loss
    :-0.0
3585 epoch_num:223 accuracy_for_train:0.421455938697318
3586 epoch_num:223 accuracy_for_test:0.35361216730038025
3587 Epoch:224 batch_num:0 t_c_loss:1.0258386 t_sl_loss:
    2.995715
3588 Epoch:224 batch_num:1 t_c_loss:1.0623664 t_sl_loss:
    2.995715
3589 Epoch:224 batch_num:2 t_c_loss:1.2991334 t_sl_loss:
    2.995715
3590 Epoch:224 batch_num:3 t_c_loss:1.1376914 t_sl_loss:
    2.995715
3591 Epoch:224 batch_num:4 t_c_loss:1.126 t_sl_loss:2.
    995715
3592 Epoch:224 batch_num:5 t_c_loss:1.1660118 t_sl_loss:
    2.995715
3593 Epoch:224 batch_num:6 t_c_loss:1.1159072 t_sl_loss:
    2.995715
3594 Epoch:224 batch_num:7 t_c_loss:1.2039092 t_sl_loss:
    2.995715
3595 Epoch:224 batch_num:8 t_c_loss:1.3394256 t_sl_loss:
    2.995715
3596 Epoch:224 batch_num:9 t_c_loss:1.1869214 t_sl_loss:
    2.995715
3597 Epoch:224 batch_num:10 t_c_loss:1.1898377 t_sl_loss
    :2.995715
3598 Epoch:224 batch_num:11 t_c_loss:1.3153021 t_sl_loss
    :2.995715
3599 Epoch:224 batch_num:12 t_c_loss:1.087275 t_sl_loss:
    2.995715
3600 Epoch:224 batch_num:13 t_c_loss:1.2926112 t_sl_loss
    :-0.0
3601 epoch_num:224 accuracy_for_train:0.
    44061302681992337
3602 epoch_num:224 accuracy_for_test:0.3688212927756654
3603 Epoch:225 batch_num:0 t_c_loss:1.0304573 t_sl_loss:
```

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3603 2.995715
3604 Epoch:225 batch_num:1 t_c_loss:1.0804721 t_sl_loss:
    2.995715
3605 Epoch:225 batch_num:2 t_c_loss:1.057699 t_sl_loss:2
    .995715
3606 Epoch:225 batch_num:3 t_c_loss:1.2292287 t_sl_loss:
    2.995715
3607 Epoch:225 batch_num:4 t_c_loss:1.1902382 t_sl_loss:
    2.995715
3608 Epoch:225 batch_num:5 t_c_loss:1.1862285 t_sl_loss:
    2.995715
3609 Epoch:225 batch_num:6 t_c_loss:1.0925992 t_sl_loss:
    2.995715
3610 Epoch:225 batch_num:7 t_c_loss:1.287886 t_sl_loss:2
    .995715
3611 Epoch:225 batch_num:8 t_c_loss:1.384023 t_sl_loss:2
    .995715
3612 Epoch:225 batch_num:9 t_c_loss:1.3959428 t_sl_loss:
    2.995715
3613 Epoch:225 batch_num:10 t_c_loss:1.1867667 t_sl_loss
    :2.995715
3614 Epoch:225 batch_num:11 t_c_loss:1.1400956 t_sl_loss
    :2.995715
3615 Epoch:225 batch_num:12 t_c_loss:1.1265368 t_sl_loss
    :2.995715
3616 Epoch:225 batch_num:13 t_c_loss:1.5546064 t_sl_loss
    :-0.0
3617 epoch_num:225 accuracy_for_train:0.
    41379310344827586
3618 epoch_num:225 accuracy_for_test:0.3231939163498099
3619 Epoch:226 batch_num:0 t_c_loss:1.2623577 t_sl_loss:
    2.995715
3620 Epoch:226 batch_num:1 t_c_loss:1.1912038 t_sl_loss:
    2.995715
3621 Epoch:226 batch_num:2 t_c_loss:1.1101849 t_sl_loss:
    2.995715
3622 Epoch:226 batch_num:3 t_c_loss:1.0800803 t_sl_loss:
    2.995715
3623 Epoch:226 batch_num:4 t_c_loss:1.2876368 t_sl_loss:
    2.995715
3624 Epoch:226 batch_num:5 t_c_loss:1.0184121 t_sl_loss:
```

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3624 2.995715
3625 Epoch:226 batch_num:6 t_c_loss:1.1112626 t_sl_loss:
    2.995715
3626 Epoch:226 batch_num:7 t_c_loss:1.3353529 t_sl_loss:
    2.995715
3627 Epoch:226 batch_num:8 t_c_loss:1.0895381 t_sl_loss:
    2.995715
3628 Epoch:226 batch_num:9 t_c_loss:1.1718342 t_sl_loss:
    2.995715
3629 Epoch:226 batch_num:10 t_c_loss:1.1696815 t_sl_loss
    :2.995715
3630 Epoch:226 batch_num:11 t_c_loss:1.3458717 t_sl_loss
    :2.995715
3631 Epoch:226 batch_num:12 t_c_loss:1.0712461 t_sl_loss
    :2.995715
3632 Epoch:226 batch_num:13 t_c_loss:1.5718924 t_sl_loss
    :-0.0
3633 epoch_num:226 accuracy_for_train:0.
    38697318007662834
3634 epoch_num:226 accuracy_for_test:0.3269961977186312
3635 Epoch:227 batch_num:0 t_c_loss:1.0573629 t_sl_loss:
    2.995715
3636 Epoch:227 batch_num:1 t_c_loss:1.2309203 t_sl_loss:
    2.995715
3637 Epoch:227 batch_num:2 t_c_loss:1.1878444 t_sl_loss:
    2.995715
3638 Epoch:227 batch_num:3 t_c_loss:1.0971134 t_sl_loss:
    2.995715
3639 Epoch:227 batch_num:4 t_c_loss:1.0967419 t_sl_loss:
    2.995715
3640 Epoch:227 batch_num:5 t_c_loss:1.3588018 t_sl_loss:
    2.995715
3641 Epoch:227 batch_num:6 t_c_loss:1.1768903 t_sl_loss:
    2.995715
3642 Epoch:227 batch_num:7 t_c_loss:1.1953008 t_sl_loss:
    2.995715
3643 Epoch:227 batch_num:8 t_c_loss:1.2403524 t_sl_loss:
    2.995715
3644 Epoch:227 batch_num:9 t_c_loss:1.3023462 t_sl_loss:
    2.995715
3645 Epoch:227 batch_num:10 t_c_loss:1.1020851 t_sl_loss
```



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3645 :2.995715
3646 Epoch:227 batch_num:11 t_c_loss:1.0586183 t_sl_loss
      :2.995715
3647 Epoch:227 batch_num:12 t_c_loss:1.3742397 t_sl_loss
      :2.995715
3648 Epoch:227 batch_num:13 t_c_loss:1.5630019 t_sl_loss
      :-0.0
3649 epoch_num:227 accuracy_for_train:0.4061302681992337
3650 epoch_num:227 accuracy_for_test:0.3269961977186312
3651 Epoch:228 batch_num:0 t_c_loss:1.0336573 t_sl_loss:
      2.995715
3652 Epoch:228 batch_num:1 t_c_loss:1.1864545 t_sl_loss:
      2.995715
3653 Epoch:228 batch_num:2 t_c_loss:1.1853669 t_sl_loss:
      2.995715
3654 Epoch:228 batch_num:3 t_c_loss:1.1378062 t_sl_loss:
      2.995715
3655 Epoch:228 batch_num:4 t_c_loss:1.1303632 t_sl_loss:
      2.9957151
3656 Epoch:228 batch_num:5 t_c_loss:1.2901064 t_sl_loss:
      2.995715
3657 Epoch:228 batch_num:6 t_c_loss:1.1774065 t_sl_loss:
      2.995715
3658 Epoch:228 batch_num:7 t_c_loss:1.2042845 t_sl_loss:
      2.995715
3659 Epoch:228 batch_num:8 t_c_loss:1.2584107 t_sl_loss:
      2.995715
3660 Epoch:228 batch_num:9 t_c_loss:1.2423985 t_sl_loss:
      2.995715
3661 Epoch:228 batch_num:10 t_c_loss:1.1653469 t_sl_loss
      :2.995715
3662 Epoch:228 batch_num:11 t_c_loss:1.1891327 t_sl_loss
      :2.995715
3663 Epoch:228 batch_num:12 t_c_loss:1.0859811 t_sl_loss
      :2.995715
3664 Epoch:228 batch_num:13 t_c_loss:1.5421834 t_sl_loss
      :-0.0
3665 epoch_num:228 accuracy_for_train:0.
      40229885057471265
3666 epoch_num:228 accuracy_for_test:0.3041825095057034
3667 Epoch:229 batch_num:0 t_c_loss:1.0902342 t_sl_loss:
```

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3667 2.995715
3668 Epoch:229 batch_num:1 t_c_loss:1.0797532 t_sl_loss:
      2.995715
3669 Epoch:229 batch_num:2 t_c_loss:1.0920157 t_sl_loss:
      2.995715
3670 Epoch:229 batch_num:3 t_c_loss:1.2851946 t_sl_loss:
      2.995715
3671 Epoch:229 batch_num:4 t_c_loss:1.3498659 t_sl_loss:
      2.995715
3672 Epoch:229 batch_num:5 t_c_loss:1.1063175 t_sl_loss:
      2.995715
3673 Epoch:229 batch_num:6 t_c_loss:1.0784491 t_sl_loss:
      2.995715
3674 Epoch:229 batch_num:7 t_c_loss:1.1316692 t_sl_loss:
      2.995715
3675 Epoch:229 batch_num:8 t_c_loss:1.333148 t_sl_loss:2
      .995715
3676 Epoch:229 batch_num:9 t_c_loss:1.1148478 t_sl_loss:
      2.995715
3677 Epoch:229 batch_num:10 t_c_loss:1.3021042 t_sl_loss
      :2.995715
3678 Epoch:229 batch_num:11 t_c_loss:1.2895026 t_sl_loss
      :2.995715
3679 Epoch:229 batch_num:12 t_c_loss:1.0931714 t_sl_loss
      :2.995715
3680 Epoch:229 batch_num:13 t_c_loss:1.3083112 t_sl_loss
      :-0.0
3681 epoch_num:229 accuracy_for_train:0.
      44061302681992337
3682 epoch_num:229 accuracy_for_test:0.33460076045627374
3683 Epoch:230 batch_num:0 t_c_loss:1.2321365 t_sl_loss:
      2.99572
3684 Epoch:230 batch_num:1 t_c_loss:1.2204926 t_sl_loss:
      2.995715
3685 Epoch:230 batch_num:2 t_c_loss:1.138524 t_sl_loss:2
      .995715
3686 Epoch:230 batch_num:3 t_c_loss:1.1222403 t_sl_loss:
      2.995715
3687 Epoch:230 batch_num:4 t_c_loss:1.1493882 t_sl_loss:
      2.995715
3688 Epoch:230 batch_num:5 t_c_loss:1.1636693 t_sl_loss:
```

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3688 2.995715
3689 Epoch:230 batch_num:6 t_c_loss:1.2835807 t_sl_loss:
    2.995715
3690 Epoch:230 batch_num:7 t_c_loss:1.061857 t_sl_loss:2
    .995715
3691 Epoch:230 batch_num:8 t_c_loss:1.0882301 t_sl_loss:
    2.995715
3692 Epoch:230 batch_num:9 t_c_loss:1.27665 t_sl_loss:2.
    995715
3693 Epoch:230 batch_num:10 t_c_loss:1.1494098 t_sl_loss
    :2.995715
3694 Epoch:230 batch_num:11 t_c_loss:1.0731397 t_sl_loss
    :2.9957151
3695 Epoch:230 batch_num:12 t_c_loss:1.329333 t_sl_loss:
    2.995715
3696 Epoch:230 batch_num:13 t_c_loss:1.3045839 t_sl_loss
    :-0.0
3697 epoch_num:230 accuracy_for_train:0.4329501915708812
3698 epoch_num:230 accuracy_for_test:0.34980988593155893
3699 Epoch:231 batch_num:0 t_c_loss:1.366896 t_sl_loss:2
    .995715
3700 Epoch:231 batch_num:1 t_c_loss:1.0267714 t_sl_loss:
    2.995715
3701 Epoch:231 batch_num:2 t_c_loss:1.151046 t_sl_loss:2
    .995715
3702 Epoch:231 batch_num:3 t_c_loss:1.1272191 t_sl_loss:
    2.995715
3703 Epoch:231 batch_num:4 t_c_loss:1.1997421 t_sl_loss:
    2.995715
3704 Epoch:231 batch_num:5 t_c_loss:1.3424977 t_sl_loss:
    2.995715
3705 Epoch:231 batch_num:6 t_c_loss:1.2155015 t_sl_loss:
    2.995715
3706 Epoch:231 batch_num:7 t_c_loss:1.1744332 t_sl_loss:
    2.995715
3707 Epoch:231 batch_num:8 t_c_loss:1.2344959 t_sl_loss:
    2.9957147
3708 Epoch:231 batch_num:9 t_c_loss:1.0651001 t_sl_loss:
    2.995715
3709 Epoch:231 batch_num:10 t_c_loss:1.0608404 t_sl_loss
    :2.995715
```

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3710 Epoch:231 batch_num:11 t_c_loss:1.1958127 t_sl_loss
    :2.995715
3711 Epoch:231 batch_num:12 t_c_loss:1.1695408 t_sl_loss
    :2.995715
3712 Epoch:231 batch_num:13 t_c_loss:1.4437187 t_sl_loss
    :-0.0
3713 epoch_num:231 accuracy_for_train:0.
    42528735632183906
3714 epoch_num:231 accuracy_for_test:0.3574144486692015
3715 Epoch:232 batch_num:0 t_c_loss:1.0498189 t_sl_loss:
    2.995715
3716 Epoch:232 batch_num:1 t_c_loss:1.1504729 t_sl_loss:
    2.995715
3717 Epoch:232 batch_num:2 t_c_loss:1.1611981 t_sl_loss:
    2.995715
3718 Epoch:232 batch_num:3 t_c_loss:1.2156421 t_sl_loss:
    2.995715
3719 Epoch:232 batch_num:4 t_c_loss:1.1687167 t_sl_loss:
    2.995715
3720 Epoch:232 batch_num:5 t_c_loss:1.4724734 t_sl_loss:
    2.995715
3721 Epoch:232 batch_num:6 t_c_loss:1.184799 t_sl_loss:2
    .995715
3722 Epoch:232 batch_num:7 t_c_loss:1.2087591 t_sl_loss:
    2.995715
3723 Epoch:232 batch_num:8 t_c_loss:1.0028394 t_sl_loss:
    2.995715
3724 Epoch:232 batch_num:9 t_c_loss:1.2348173 t_sl_loss:
    2.995715
3725 Epoch:232 batch_num:10 t_c_loss:1.0587951 t_sl_loss
    :2.995715
3726 Epoch:232 batch_num:11 t_c_loss:1.2560921 t_sl_loss
    :2.995715
3727 Epoch:232 batch_num:12 t_c_loss:1.103629 t_sl_loss:
    2.995715
3728 Epoch:232 batch_num:13 t_c_loss:1.2426292 t_sl_loss
    :-0.0
3729 epoch_num:232 accuracy_for_train:0.
    42528735632183906
3730 epoch_num:232 accuracy_for_test:0.3574144486692015
3731 Epoch:233 batch_num:0 t_c_loss:1.3004991 t_sl_loss:
```

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3731 2.995715
3732 Epoch:233 batch_num:1 t_c_loss:1.1661321 t_sl_loss:
    2.995715
3733 Epoch:233 batch_num:2 t_c_loss:1.1934975 t_sl_loss:
    2.995715
3734 Epoch:233 batch_num:3 t_c_loss:1.2861484 t_sl_loss:
    2.995715
3735 Epoch:233 batch_num:4 t_c_loss:1.1663435 t_sl_loss:
    2.995715
3736 Epoch:233 batch_num:5 t_c_loss:1.1047324 t_sl_loss:
    2.995715
3737 Epoch:233 batch_num:6 t_c_loss:0.9813553 t_sl_loss:
    2.995715
3738 Epoch:233 batch_num:7 t_c_loss:1.342365 t_sl_loss:2
    .995715
3739 Epoch:233 batch_num:8 t_c_loss:1.2731097 t_sl_loss:
    2.995715
3740 Epoch:233 batch_num:9 t_c_loss:1.2461412 t_sl_loss:
    2.995715
3741 Epoch:233 batch_num:10 t_c_loss:1.1734993 t_sl_loss
    :2.995715
3742 Epoch:233 batch_num:11 t_c_loss:1.3153713 t_sl_loss
    :2.995715
3743 Epoch:233 batch_num:12 t_c_loss:1.2689179 t_sl_loss
    :2.995715
3744 Epoch:233 batch_num:13 t_c_loss:1.200353 t_sl_loss
    :-0.0
3745 epoch_num:233 accuracy_for_train:0.421455938697318
3746 epoch_num:233 accuracy_for_test:0.3612167300380228
3747 Epoch:234 batch_num:0 t_c_loss:1.1688359 t_sl_loss:
    2.995715
3748 Epoch:234 batch_num:1 t_c_loss:1.3187815 t_sl_loss:
    2.995715
3749 Epoch:234 batch_num:2 t_c_loss:1.2320025 t_sl_loss:
    2.995715
3750 Epoch:234 batch_num:3 t_c_loss:1.127845 t_sl_loss:2
    .995715
3751 Epoch:234 batch_num:4 t_c_loss:1.0541815 t_sl_loss:
    2.995715
3752 Epoch:234 batch_num:5 t_c_loss:1.0293453 t_sl_loss:
    2.995715
```

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3753 Epoch:234 batch_num:6 t_c_loss:1.0348818 t_sl_loss:
    2.995715
3754 Epoch:234 batch_num:7 t_c_loss:1.3433155 t_sl_loss:
    2.995715
3755 Epoch:234 batch_num:8 t_c_loss:1.0798299 t_sl_loss:
    2.995715
3756 Epoch:234 batch_num:9 t_c_loss:1.222013 t_sl_loss:2
    .995715
3757 Epoch:234 batch_num:10 t_c_loss:1.1767923 t_sl_loss
    :2.995715
3758 Epoch:234 batch_num:11 t_c_loss:1.0190752 t_sl_loss
    :2.995715
3759 Epoch:234 batch_num:12 t_c_loss:1.3140479 t_sl_loss
    :2.995715
3760 Epoch:234 batch_num:13 t_c_loss:1.5499959 t_sl_loss
    :-0.0
3761 epoch_num:234 accuracy_for_train:0.4061302681992337
3762 epoch_num:234 accuracy_for_test:0.33460076045627374
3763 Epoch:235 batch_num:0 t_c_loss:1.02198 t_sl_loss:2.
    995715
3764 Epoch:235 batch_num:1 t_c_loss:1.1864346 t_sl_loss:
    2.995715
3765 Epoch:235 batch_num:2 t_c_loss:1.1148378 t_sl_loss:
    2.995715
3766 Epoch:235 batch_num:3 t_c_loss:1.1488125 t_sl_loss:
    2.995715
3767 Epoch:235 batch_num:4 t_c_loss:1.4304446 t_sl_loss:
    2.995715
3768 Epoch:235 batch_num:5 t_c_loss:1.1369007 t_sl_loss:
    2.995715
3769 Epoch:235 batch_num:6 t_c_loss:1.0702009 t_sl_loss:
    2.995715
3770 Epoch:235 batch_num:7 t_c_loss:1.0452332 t_sl_loss:
    2.995715
3771 Epoch:235 batch_num:8 t_c_loss:1.302364 t_sl_loss:2
    .995715
3772 Epoch:235 batch_num:9 t_c_loss:1.0775441 t_sl_loss:
    2.995715
3773 Epoch:235 batch_num:10 t_c_loss:1.2354169 t_sl_loss
    :2.995715
3774 Epoch:235 batch_num:11 t_c_loss:1.1062593 t_sl_loss
```

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3774 :2.995715
3775 Epoch:235 batch_num:12 t_c_loss:1.15691 t_sl_loss:2
    .995715
3776 Epoch:235 batch_num:13 t_c_loss:1.1697323 t_sl_loss
    :-0.0
3777 epoch_num:235 accuracy_for_train:0.
    41379310344827586
3778 epoch_num:235 accuracy_for_test:0.34600760456273766
3779 Epoch:236 batch_num:0 t_c_loss:1.0520887 t_sl_loss:
    2.995715
3780 Epoch:236 batch_num:1 t_c_loss:1.2712631 t_sl_loss:
    2.995715
3781 Epoch:236 batch_num:2 t_c_loss:1.3304912 t_sl_loss:
    2.9957154
3782 Epoch:236 batch_num:3 t_c_loss:0.9805576 t_sl_loss:
    2.995715
3783 Epoch:236 batch_num:4 t_c_loss:1.411659 t_sl_loss:2
    .995715
3784 Epoch:236 batch_num:5 t_c_loss:0.9832697 t_sl_loss:
    2.995715
3785 Epoch:236 batch_num:6 t_c_loss:1.1109682 t_sl_loss:
    2.995715
3786 Epoch:236 batch_num:7 t_c_loss:1.0857036 t_sl_loss:
    2.995715
3787 Epoch:236 batch_num:8 t_c_loss:1.241936 t_sl_loss:2
    .995715
3788 Epoch:236 batch_num:9 t_c_loss:1.1734228 t_sl_loss:
    2.995715
3789 Epoch:236 batch_num:10 t_c_loss:1.197374 t_sl_loss:
    2.995715
3790 Epoch:236 batch_num:11 t_c_loss:1.2493441 t_sl_loss
    :2.9957151
3791 Epoch:236 batch_num:12 t_c_loss:1.1447067 t_sl_loss
    :2.995715
3792 Epoch:236 batch_num:13 t_c_loss:1.115925 t_sl_loss
    :-0.0
3793 epoch_num:236 accuracy_for_train:0.4099616858237548
3794 epoch_num:236 accuracy_for_test:0.33460076045627374
3795 Epoch:237 batch_num:0 t_c_loss:1.1708755 t_sl_loss:
    2.995715
3796 Epoch:237 batch_num:1 t_c_loss:1.1100905 t_sl_loss:
```

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3796 2.995715
3797 Epoch:237 batch_num:2 t_c_loss:1.1288898 t_sl_loss:
    2.995715
3798 Epoch:237 batch_num:3 t_c_loss:1.3246877 t_sl_loss:
    2.995715
3799 Epoch:237 batch_num:4 t_c_loss:1.1998088 t_sl_loss:
    2.995715
3800 Epoch:237 batch_num:5 t_c_loss:1.238869 t_sl_loss:2
    .995715
3801 Epoch:237 batch_num:6 t_c_loss:1.2774669 t_sl_loss:
    2.995715
3802 Epoch:237 batch_num:7 t_c_loss:1.0201916 t_sl_loss:
    2.995715
3803 Epoch:237 batch_num:8 t_c_loss:1.4028955 t_sl_loss:
    2.995715
3804 Epoch:237 batch_num:9 t_c_loss:1.1614813 t_sl_loss:
    2.995715
3805 Epoch:237 batch_num:10 t_c_loss:1.2466145 t_sl_loss
    :2.995715
3806 Epoch:237 batch_num:11 t_c_loss:1.2242594 t_sl_loss
    :2.995715
3807 Epoch:237 batch_num:12 t_c_loss:1.072748 t_sl_loss:
    2.995715
3808 Epoch:237 batch_num:13 t_c_loss:1.4123338 t_sl_loss
    :-0.0
3809 epoch_num:237 accuracy_for_train:0.
    42911877394636017
3810 epoch_num:237 accuracy_for_test:0.35361216730038025
3811 Epoch:238 batch_num:0 t_c_loss:1.1124046 t_sl_loss:
    2.995715
3812 Epoch:238 batch_num:1 t_c_loss:1.1115632 t_sl_loss:
    2.995715
3813 Epoch:238 batch_num:2 t_c_loss:1.1755327 t_sl_loss:
    2.995715
3814 Epoch:238 batch_num:3 t_c_loss:1.2644477 t_sl_loss:
    2.995715
3815 Epoch:238 batch_num:4 t_c_loss:1.0869696 t_sl_loss:
    2.995715
3816 Epoch:238 batch_num:5 t_c_loss:1.1922598 t_sl_loss:
    2.995715
3817 Epoch:238 batch_num:6 t_c_loss:1.0692338 t_sl_loss:
```



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3817 2.995715
3818 Epoch:238 batch_num:7 t_c_loss:1.10342 t_sl_loss:2.
    995715
3819 Epoch:238 batch_num:8 t_c_loss:1.1697602 t_sl_loss:
    2.995715
3820 Epoch:238 batch_num:9 t_c_loss:1.0613863 t_sl_loss:
    2.995715
3821 Epoch:238 batch_num:10 t_c_loss:1.4144046 t_sl_loss
    :2.995715
3822 Epoch:238 batch_num:11 t_c_loss:1.2392486 t_sl_loss
    :2.995715
3823 Epoch:238 batch_num:12 t_c_loss:1.1828182 t_sl_loss
    :2.995715
3824 Epoch:238 batch_num:13 t_c_loss:1.4532712 t_sl_loss
    :-0.0
3825 epoch_num:238 accuracy_for_train:0.4329501915708812
3826 epoch_num:238 accuracy_for_test:0.34980988593155893
3827 Epoch:239 batch_num:0 t_c_loss:1.1830988 t_sl_loss:
    2.995715
3828 Epoch:239 batch_num:1 t_c_loss:1.1231874 t_sl_loss:
    2.995715
3829 Epoch:239 batch_num:2 t_c_loss:1.2320341 t_sl_loss:
    2.995715
3830 Epoch:239 batch_num:3 t_c_loss:1.2283647 t_sl_loss:
    2.995715
3831 Epoch:239 batch_num:4 t_c_loss:1.2698727 t_sl_loss:
    2.995715
3832 Epoch:239 batch_num:5 t_c_loss:1.0948352 t_sl_loss:
    2.995715
3833 Epoch:239 batch_num:6 t_c_loss:1.1821969 t_sl_loss:
    2.995715
3834 Epoch:239 batch_num:7 t_c_loss:1.1560119 t_sl_loss:
    2.995715
3835 Epoch:239 batch_num:8 t_c_loss:1.1657646 t_sl_loss:
    2.995994
3836 Epoch:239 batch_num:9 t_c_loss:1.2130367 t_sl_loss:
    2.995715
3837 Epoch:239 batch_num:10 t_c_loss:1.2438508 t_sl_loss
    :2.995715
3838 Epoch:239 batch_num:11 t_c_loss:1.2185531 t_sl_loss
    :2.995715
```

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3839 Epoch:239 batch_num:12 t_c_loss:1.2305615 t_sl_loss
    :2.995715
3840 Epoch:239 batch_num:13 t_c_loss:1.5015877 t_sl_loss
    :-0.0
3841 epoch_num:239 accuracy_for_train:0.
    39080459770114945
3842 epoch_num:239 accuracy_for_test:0.33079847908745247
3843 Epoch:240 batch_num:0 t_c_loss:1.211713 t_sl_loss:2
    .995715
3844 Epoch:240 batch_num:1 t_c_loss:1.0700364 t_sl_loss:
    2.9957147
3845 Epoch:240 batch_num:2 t_c_loss:1.0656307 t_sl_loss:
    2.995715
3846 Epoch:240 batch_num:3 t_c_loss:1.0782021 t_sl_loss:
    2.995715
3847 Epoch:240 batch_num:4 t_c_loss:1.2977096 t_sl_loss:
    2.995715
3848 Epoch:240 batch_num:5 t_c_loss:1.1680497 t_sl_loss:
    2.995715
3849 Epoch:240 batch_num:6 t_c_loss:1.2092882 t_sl_loss:
    2.995715
3850 Epoch:240 batch_num:7 t_c_loss:1.158104 t_sl_loss:2
    .995715
3851 Epoch:240 batch_num:8 t_c_loss:1.0205939 t_sl_loss:
    2.995715
3852 Epoch:240 batch_num:9 t_c_loss:1.2107663 t_sl_loss:
    2.995715
3853 Epoch:240 batch_num:10 t_c_loss:1.253332 t_sl_loss:
    2.995715
3854 Epoch:240 batch_num:11 t_c_loss:0.97110015
    t_sl_loss:2.995715
3855 Epoch:240 batch_num:12 t_c_loss:1.3618047 t_sl_loss
    :2.995715
3856 Epoch:240 batch_num:13 t_c_loss:1.3447176 t_sl_loss
    :-0.0
3857 epoch_num:240 accuracy_for_train:0.4444444444444444
3858 epoch_num:240 accuracy_for_test:0.34220532319391633
3859 Epoch:241 batch_num:0 t_c_loss:1.2041963 t_sl_loss:
    2.995715
3860 Epoch:241 batch_num:1 t_c_loss:1.0662417 t_sl_loss:
    2.995715
```

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3861 Epoch:241 batch_num:2 t_c_loss:1.1360186 t_sl_loss:
    2.995715
3862 Epoch:241 batch_num:3 t_c_loss:1.1129442 t_sl_loss:
    2.995715
3863 Epoch:241 batch_num:4 t_c_loss:1.1217484 t_sl_loss:
    2.995715
3864 Epoch:241 batch_num:5 t_c_loss:1.0459706 t_sl_loss:
    2.995715
3865 Epoch:241 batch_num:6 t_c_loss:1.246973 t_sl_loss:2
    .995715
3866 Epoch:241 batch_num:7 t_c_loss:1.0565879 t_sl_loss:
    2.995715
3867 Epoch:241 batch_num:8 t_c_loss:1.425922 t_sl_loss:2
    .995715
3868 Epoch:241 batch_num:9 t_c_loss:1.1960428 t_sl_loss:
    2.995715
3869 Epoch:241 batch_num:10 t_c_loss:1.0011986 t_sl_loss
    :2.995715
3870 Epoch:241 batch_num:11 t_c_loss:1.3972952 t_sl_loss
    :2.995715
3871 Epoch:241 batch_num:12 t_c_loss:1.2547767 t_sl_loss
    :2.995715
3872 Epoch:241 batch_num:13 t_c_loss:1.8386753 t_sl_loss
    :-0.0
3873 epoch_num:241 accuracy_for_train:0.
    42528735632183906
3874 epoch_num:241 accuracy_for_test:0.3231939163498099
3875 Epoch:242 batch_num:0 t_c_loss:1.4157208 t_sl_loss:
    2.995715
3876 Epoch:242 batch_num:1 t_c_loss:1.1118546 t_sl_loss:
    2.995715
3877 Epoch:242 batch_num:2 t_c_loss:1.3398398 t_sl_loss:
    2.995715
3878 Epoch:242 batch_num:3 t_c_loss:1.1180937 t_sl_loss:
    2.995715
3879 Epoch:242 batch_num:4 t_c_loss:1.1180795 t_sl_loss:
    2.995715
3880 Epoch:242 batch_num:5 t_c_loss:1.2343227 t_sl_loss:
    2.995715
3881 Epoch:242 batch_num:6 t_c_loss:1.0188749 t_sl_loss:
    2.995715
```

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3882 Epoch:242 batch_num:7 t_c_loss:1.2442214 t_sl_loss:
    2.995715
3883 Epoch:242 batch_num:8 t_c_loss:1.1407123 t_sl_loss:
    2.995715
3884 Epoch:242 batch_num:9 t_c_loss:1.5729259 t_sl_loss:
    2.995715
3885 Epoch:242 batch_num:10 t_c_loss:1.1343772 t_sl_loss
    :2.995715
3886 Epoch:242 batch_num:11 t_c_loss:1.2153391 t_sl_loss
    :2.995715
3887 Epoch:242 batch_num:12 t_c_loss:1.0982363 t_sl_loss
    :2.995715
3888 Epoch:242 batch_num:13 t_c_loss:1.3665646 t_sl_loss
    :-0.0
3889 epoch_num:242 accuracy_for_train:0.4559386973180077
3890 epoch_num:242 accuracy_for_test:0.33079847908745247
3891 Epoch:243 batch_num:0 t_c_loss:1.0576667 t_sl_loss:
    2.995715
3892 Epoch:243 batch_num:1 t_c_loss:1.1901834 t_sl_loss:
    2.995715
3893 Epoch:243 batch_num:2 t_c_loss:1.3001401 t_sl_loss:
    2.995715
3894 Epoch:243 batch_num:3 t_c_loss:1.0410037 t_sl_loss:
    2.995715
3895 Epoch:243 batch_num:4 t_c_loss:1.3541794 t_sl_loss:
    2.995715
3896 Epoch:243 batch_num:5 t_c_loss:1.3203671 t_sl_loss:
    2.995715
3897 Epoch:243 batch_num:6 t_c_loss:1.3104062 t_sl_loss:
    2.995715
3898 Epoch:243 batch_num:7 t_c_loss:1.0328622 t_sl_loss:
    2.995715
3899 Epoch:243 batch_num:8 t_c_loss:1.3421143 t_sl_loss:
    2.995715
3900 Epoch:243 batch_num:9 t_c_loss:1.1163824 t_sl_loss:
    2.995715
3901 Epoch:243 batch_num:10 t_c_loss:1.2116483 t_sl_loss
    :2.995715
3902 Epoch:243 batch_num:11 t_c_loss:1.0130284 t_sl_loss
    :2.9957147
3903 Epoch:243 batch_num:12 t_c_loss:1.0685568 t_sl_loss
```

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3903 :2.995715
3904 Epoch:243 batch_num:13 t_c_loss:1.4895799 t_sl_loss
    :-0.0
3905 epoch_num:243 accuracy_for_train:0.4329501915708812
3906 epoch_num:243 accuracy_for_test:0.3231939163498099
3907 Epoch:244 batch_num:0 t_c_loss:1.2149055 t_sl_loss:
    2.995715
3908 Epoch:244 batch_num:1 t_c_loss:1.0994031 t_sl_loss:
    2.995715
3909 Epoch:244 batch_num:2 t_c_loss:1.1422141 t_sl_loss:
    2.995715
3910 Epoch:244 batch_num:3 t_c_loss:1.102175 t_sl_loss:2
    .995715
3911 Epoch:244 batch_num:4 t_c_loss:1.1888118 t_sl_loss:
    2.995715
3912 Epoch:244 batch_num:5 t_c_loss:1.2867633 t_sl_loss:
    2.995715
3913 Epoch:244 batch_num:6 t_c_loss:1.2778337 t_sl_loss:
    2.995715
3914 Epoch:244 batch_num:7 t_c_loss:1.118479 t_sl_loss:2
    .995715
3915 Epoch:244 batch_num:8 t_c_loss:1.3210886 t_sl_loss:
    2.995715
3916 Epoch:244 batch_num:9 t_c_loss:1.0837094 t_sl_loss:
    2.995715
3917 Epoch:244 batch_num:10 t_c_loss:1.1943443 t_sl_loss
    :2.995715
3918 Epoch:244 batch_num:11 t_c_loss:1.0672206 t_sl_loss
    :2.995715
3919 Epoch:244 batch_num:12 t_c_loss:1.1432936 t_sl_loss
    :2.995715
3920 Epoch:244 batch_num:13 t_c_loss:1.5812122 t_sl_loss
    :-0.0
3921 epoch_num:244 accuracy_for_train:0.4367816091954023
3922 epoch_num:244 accuracy_for_test:0.34980988593155893
3923 Epoch:245 batch_num:0 t_c_loss:1.2907436 t_sl_loss:
    2.995715
3924 Epoch:245 batch_num:1 t_c_loss:1.0462186 t_sl_loss:
    2.995715
3925 Epoch:245 batch_num:2 t_c_loss:1.2891868 t_sl_loss:
    2.995715
```

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3926 Epoch:245 batch_num:3 t_c_loss:1.1327821 t_sl_loss:
    2.995715
3927 Epoch:245 batch_num:4 t_c_loss:1.1936514 t_sl_loss:
    2.995715
3928 Epoch:245 batch_num:5 t_c_loss:1.2026578 t_sl_loss:
    2.995715
3929 Epoch:245 batch_num:6 t_c_loss:1.1468952 t_sl_loss:
    2.995715
3930 Epoch:245 batch_num:7 t_c_loss:1.2059548 t_sl_loss:
    2.995715
3931 Epoch:245 batch_num:8 t_c_loss:1.2545636 t_sl_loss:
    2.995715
3932 Epoch:245 batch_num:9 t_c_loss:1.032823 t_sl_loss:2
    .995715
3933 Epoch:245 batch_num:10 t_c_loss:1.2365551 t_sl_loss
    :2.995715
3934 Epoch:245 batch_num:11 t_c_loss:1.2490429 t_sl_loss
    :2.995715
3935 Epoch:245 batch_num:12 t_c_loss:1.0952772 t_sl_loss
    :2.995715
3936 Epoch:245 batch_num:13 t_c_loss:1.4220296 t_sl_loss
    :-0.0
3937 epoch_num:245 accuracy_for_train:0.
    42911877394636017
3938 epoch_num:245 accuracy_for_test:0.34220532319391633
3939 Epoch:246 batch_num:0 t_c_loss:1.1257697 t_sl_loss:
    2.995715
3940 Epoch:246 batch_num:1 t_c_loss:1.0232794 t_sl_loss:
    2.995715
3941 Epoch:246 batch_num:2 t_c_loss:1.1754024 t_sl_loss:
    2.995715
3942 Epoch:246 batch_num:3 t_c_loss:1.2888355 t_sl_loss:
    2.995715
3943 Epoch:246 batch_num:4 t_c_loss:1.2867645 t_sl_loss:
    2.995715
3944 Epoch:246 batch_num:5 t_c_loss:1.2126491 t_sl_loss:
    2.995715
3945 Epoch:246 batch_num:6 t_c_loss:1.3473077 t_sl_loss:
    2.995715
3946 Epoch:246 batch_num:7 t_c_loss:1.0820733 t_sl_loss:
    2.995715
```

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3947 Epoch:246 batch_num:8 t_c_loss:1.2330933 t_sl_loss:
    2.995715
3948 Epoch:246 batch_num:9 t_c_loss:1.151139 t_sl_loss:2
    .995715
3949 Epoch:246 batch_num:10 t_c_loss:1.0689522 t_sl_loss
    :2.995715
3950 Epoch:246 batch_num:11 t_c_loss:1.0373083 t_sl_loss
    :2.995715
3951 Epoch:246 batch_num:12 t_c_loss:1.301615 t_sl_loss:
    2.995715
3952 Epoch:246 batch_num:13 t_c_loss:1.2406157 t_sl_loss
    :-0.0
3953 epoch_num:246 accuracy_for_train:0.
    44061302681992337
3954 epoch_num:246 accuracy_for_test:0.34980988593155893
3955 Epoch:247 batch_num:0 t_c_loss:1.2122769 t_sl_loss:
    2.995715
3956 Epoch:247 batch_num:1 t_c_loss:1.1987457 t_sl_loss:
    2.995715
3957 Epoch:247 batch_num:2 t_c_loss:1.1723678 t_sl_loss:
    2.995715
3958 Epoch:247 batch_num:3 t_c_loss:1.2037785 t_sl_loss:
    2.995715
3959 Epoch:247 batch_num:4 t_c_loss:1.1718658 t_sl_loss:
    2.995715
3960 Epoch:247 batch_num:5 t_c_loss:0.955907 t_sl_loss:2
    .995715
3961 Epoch:247 batch_num:6 t_c_loss:1.2403231 t_sl_loss:
    2.995715
3962 Epoch:247 batch_num:7 t_c_loss:1.1656564 t_sl_loss:
    2.995715
3963 Epoch:247 batch_num:8 t_c_loss:1.1819636 t_sl_loss:
    2.995715
3964 Epoch:247 batch_num:9 t_c_loss:1.2786171 t_sl_loss:
    2.995715
3965 Epoch:247 batch_num:10 t_c_loss:1.0268862 t_sl_loss
    :2.995715
3966 Epoch:247 batch_num:11 t_c_loss:1.2153707 t_sl_loss
    :2.995715
3967 Epoch:247 batch_num:12 t_c_loss:1.3222364 t_sl_loss
    :2.995715
```

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3968 Epoch:247 batch_num:13 t_c_loss:1.3266813 t_sl_loss
    :-0.0
3969 epoch_num:247 accuracy_for_train:0.
    42911877394636017
3970 epoch_num:247 accuracy_for_test:0.34220532319391633
3971 Epoch:248 batch_num:0 t_c_loss:1.0823809 t_sl_loss:
    2.995715
3972 Epoch:248 batch_num:1 t_c_loss:1.080629 t_sl_loss:2
    .995715
3973 Epoch:248 batch_num:2 t_c_loss:1.125864 t_sl_loss:2
    .995715
3974 Epoch:248 batch_num:3 t_c_loss:1.1612232 t_sl_loss:
    2.9957151
3975 Epoch:248 batch_num:4 t_c_loss:1.0803556 t_sl_loss:
    2.995715
3976 Epoch:248 batch_num:5 t_c_loss:1.1435711 t_sl_loss:
    2.995715
3977 Epoch:248 batch_num:6 t_c_loss:1.279889 t_sl_loss:2
    .995715
3978 Epoch:248 batch_num:7 t_c_loss:1.0698035 t_sl_loss:
    2.995715
3979 Epoch:248 batch_num:8 t_c_loss:1.1726689 t_sl_loss:
    2.9957166
3980 Epoch:248 batch_num:9 t_c_loss:1.0405083 t_sl_loss:
    2.995715
3981 Epoch:248 batch_num:10 t_c_loss:1.123912 t_sl_loss:
    2.995715
3982 Epoch:248 batch_num:11 t_c_loss:1.1617908 t_sl_loss
    :2.995715
3983 Epoch:248 batch_num:12 t_c_loss:1.2749585 t_sl_loss
    :2.995715
3984 Epoch:248 batch_num:13 t_c_loss:1.4734151 t_sl_loss
    :-0.0
3985 epoch_num:248 accuracy_for_train:0.
    42528735632183906
3986 epoch_num:248 accuracy_for_test:0.33840304182509506
3987 Epoch:249 batch_num:0 t_c_loss:1.1190506 t_sl_loss:
    2.995715
3988 Epoch:249 batch_num:1 t_c_loss:1.2421298 t_sl_loss:
    2.995715
3989 Epoch:249 batch_num:2 t_c_loss:1.5053123 t_sl_loss:
```



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3989 2.995715
3990 Epoch:249 batch_num:3 t_c_loss:1.2036518 t_sl_loss:
    2.995715
3991 Epoch:249 batch_num:4 t_c_loss:1.0593331 t_sl_loss:
    2.995715
3992 Epoch:249 batch_num:5 t_c_loss:1.0886238 t_sl_loss:
    2.995715
3993 Epoch:249 batch_num:6 t_c_loss:1.0717571 t_sl_loss:
    2.995715
3994 Epoch:249 batch_num:7 t_c_loss:1.2037916 t_sl_loss:
    2.995715
3995 Epoch:249 batch_num:8 t_c_loss:1.1888099 t_sl_loss:
    2.995715
3996 Epoch:249 batch_num:9 t_c_loss:1.1542721 t_sl_loss:
    2.995715
3997 Epoch:249 batch_num:10 t_c_loss:1.2551489 t_sl_loss
    :2.995715
3998 Epoch:249 batch_num:11 t_c_loss:1.0898213 t_sl_loss
    :2.995715
3999 Epoch:249 batch_num:12 t_c_loss:1.3512266 t_sl_loss
    :2.995715
4000 Epoch:249 batch_num:13 t_c_loss:1.3112295 t_sl_loss
    :-0.0
4001 epoch_num:249 accuracy_for_train:0.
    46360153256704983
4002 epoch_num:249 accuracy_for_test:0.33460076045627374
4003 Epoch:250 batch_num:0 t_c_loss:1.0674255 t_sl_loss:
    2.995715
4004 Epoch:250 batch_num:1 t_c_loss:1.0842088 t_sl_loss:
    2.995715
4005 Epoch:250 batch_num:2 t_c_loss:1.1612049 t_sl_loss:
    2.995715
4006 Epoch:250 batch_num:3 t_c_loss:1.2620299 t_sl_loss:
    2.995715
4007 Epoch:250 batch_num:4 t_c_loss:1.1467849 t_sl_loss:
    2.995715
4008 Epoch:250 batch_num:5 t_c_loss:1.1680818 t_sl_loss:
    2.995715
4009 Epoch:250 batch_num:6 t_c_loss:1.1683238 t_sl_loss:
    2.995734
4010 Epoch:250 batch_num:7 t_c_loss:1.1442773 t_sl_loss:
```

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4010 2.995715
4011 Epoch:250 batch_num:8 t_c_loss:1.2359269 t_sl_loss:
    2.995715
4012 Epoch:250 batch_num:9 t_c_loss:1.083885 t_sl_loss:2
    .995715
4013 Epoch:250 batch_num:10 t_c_loss:1.1294892 t_sl_loss
    :2.995715
4014 Epoch:250 batch_num:11 t_c_loss:1.1421258 t_sl_loss
    :2.995715
4015 Epoch:250 batch_num:12 t_c_loss:1.2794026 t_sl_loss
    :2.995715
4016 Epoch:250 batch_num:13 t_c_loss:1.2194242 t_sl_loss
    :-0.0
4017 epoch_num:250 accuracy_for_train:0.4482758620689655
4018 epoch_num:250 accuracy_for_test:0.33840304182509506
4019 Epoch:251 batch_num:0 t_c_loss:1.0731713 t_sl_loss:
    2.995715
4020 Epoch:251 batch_num:1 t_c_loss:1.2971032 t_sl_loss:
    2.995715
4021 Epoch:251 batch_num:2 t_c_loss:1.0639889 t_sl_loss:
    2.995715
4022 Epoch:251 batch_num:3 t_c_loss:1.1064907 t_sl_loss:
    2.995715
4023 Epoch:251 batch_num:4 t_c_loss:1.202916 t_sl_loss:2
    .995715
4024 Epoch:251 batch_num:5 t_c_loss:1.1487956 t_sl_loss:
    2.995715
4025 Epoch:251 batch_num:6 t_c_loss:1.1976527 t_sl_loss:
    2.995715
4026 Epoch:251 batch_num:7 t_c_loss:1.1579039 t_sl_loss:
    2.995715
4027 Epoch:251 batch_num:8 t_c_loss:1.0934248 t_sl_loss:
    2.995715
4028 Epoch:251 batch_num:9 t_c_loss:1.143781 t_sl_loss:2
    .995715
4029 Epoch:251 batch_num:10 t_c_loss:1.1897537 t_sl_loss
    :2.995715
4030 Epoch:251 batch_num:11 t_c_loss:1.1922679 t_sl_loss
    :2.995715
4031 Epoch:251 batch_num:12 t_c_loss:1.1860774 t_sl_loss
    :2.995715
```

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4032 Epoch:251 batch_num:13 t_c_loss:1.6249895 t_sl_loss
    :-0.0
4033 epoch_num:251 accuracy_for_train:0.4061302681992337
4034 epoch_num:251 accuracy_for_test:0.33079847908745247
4035 Epoch:252 batch_num:0 t_c_loss:1.1990868 t_sl_loss:
    2.995715
4036 Epoch:252 batch_num:1 t_c_loss:1.1236225 t_sl_loss:
    2.995715
4037 Epoch:252 batch_num:2 t_c_loss:1.2025923 t_sl_loss:
    2.995715
4038 Epoch:252 batch_num:3 t_c_loss:1.0872648 t_sl_loss:
    2.995715
4039 Epoch:252 batch_num:4 t_c_loss:1.1480513 t_sl_loss:
    2.995715
4040 Epoch:252 batch_num:5 t_c_loss:1.1717279 t_sl_loss:
    2.995715
4041 Epoch:252 batch_num:6 t_c_loss:1.170062 t_sl_loss:2
    .995715
4042 Epoch:252 batch_num:7 t_c_loss:1.4134271 t_sl_loss:
    2.995714
4043 Epoch:252 batch_num:8 t_c_loss:1.167807 t_sl_loss:2
    .995715
4044 Epoch:252 batch_num:9 t_c_loss:1.0617759 t_sl_loss:
    2.995715
4045 Epoch:252 batch_num:10 t_c_loss:1.042616 t_sl_loss:
    2.995715
4046 Epoch:252 batch_num:11 t_c_loss:1.1650949 t_sl_loss
    :2.995715
4047 Epoch:252 batch_num:12 t_c_loss:1.2089031 t_sl_loss
    :2.995715
4048 Epoch:252 batch_num:13 t_c_loss:1.2972733 t_sl_loss
    :-0.0
4049 epoch_num:252 accuracy_for_train:0.
    39846743295019155
4050 epoch_num:252 accuracy_for_test:0.3269961977186312
4051 Epoch:253 batch_num:0 t_c_loss:1.2608678 t_sl_loss:
    2.995715
4052 Epoch:253 batch_num:1 t_c_loss:1.1470066 t_sl_loss:
    2.995715
4053 Epoch:253 batch_num:2 t_c_loss:1.0177522 t_sl_loss:
    2.995715
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4054 Epoch:253 batch_num:3 t_c_loss:1.1091799 t_sl_loss:
    2.995715
4055 Epoch:253 batch_num:4 t_c_loss:0.96411693 t_sl_loss
    :2.995715
4056 Epoch:253 batch_num:5 t_c_loss:1.2945668 t_sl_loss:
    2.995715
4057 Epoch:253 batch_num:6 t_c_loss:1.3109084 t_sl_loss:
    2.995715
4058 Epoch:253 batch_num:7 t_c_loss:1.2201618 t_sl_loss:
    2.995715
4059 Epoch:253 batch_num:8 t_c_loss:1.1369375 t_sl_loss:
    2.995715
4060 Epoch:253 batch_num:9 t_c_loss:1.1186163 t_sl_loss:
    2.995715
4061 Epoch:253 batch_num:10 t_c_loss:0.9712056 t_sl_loss
    :2.995715
4062 Epoch:253 batch_num:11 t_c_loss:1.4454135 t_sl_loss
    :2.995715
4063 Epoch:253 batch_num:12 t_c_loss:1.0528878 t_sl_loss
    :2.9957154
4064 Epoch:253 batch_num:13 t_c_loss:1.136457 t_sl_loss
    :-0.0
4065 epoch_num:253 accuracy_for_train:0.4559386973180077
4066 epoch_num:253 accuracy_for_test:0.33079847908745247
4067 Epoch:254 batch_num:0 t_c_loss:1.3236113 t_sl_loss:
    2.995715
4068 Epoch:254 batch_num:1 t_c_loss:1.2331895 t_sl_loss:
    2.995715
4069 Epoch:254 batch_num:2 t_c_loss:1.1740401 t_sl_loss:
    2.995715
4070 Epoch:254 batch_num:3 t_c_loss:1.3036147 t_sl_loss:
    2.995715
4071 Epoch:254 batch_num:4 t_c_loss:1.1492842 t_sl_loss:
    2.995715
4072 Epoch:254 batch_num:5 t_c_loss:1.1543865 t_sl_loss:
    2.995715
4073 Epoch:254 batch_num:6 t_c_loss:0.99765646 t_sl_loss
    :2.995715
4074 Epoch:254 batch_num:7 t_c_loss:1.2078831 t_sl_loss:
    2.995715
4075 Epoch:254 batch_num:8 t_c_loss:1.1313264 t_sl_loss:
```

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4075 2.995715
4076 Epoch:254 batch_num:9 t_c_loss:1.1860987 t_sl_loss:
    2.995715
4077 Epoch:254 batch_num:10 t_c_loss:1.207101 t_sl_loss:
    2.995715
4078 Epoch:254 batch_num:11 t_c_loss:1.1000084 t_sl_loss
    :2.995715
4079 Epoch:254 batch_num:12 t_c_loss:1.0667598 t_sl_loss
    :2.995715
4080 Epoch:254 batch_num:13 t_c_loss:1.7235916 t_sl_loss
    :-0.0
4081 epoch_num:254 accuracy_for_train:0.4482758620689655
4082 epoch_num:254 accuracy_for_test:0.33079847908745247
4083 Epoch:255 batch_num:0 t_c_loss:1.0788496 t_sl_loss:
    2.995715
4084 Epoch:255 batch_num:1 t_c_loss:1.20928 t_sl_loss:2.
    995715
4085 Epoch:255 batch_num:2 t_c_loss:1.1220901 t_sl_loss:
    2.995715
4086 Epoch:255 batch_num:3 t_c_loss:1.014432 t_sl_loss:2
    .995715
4087 Epoch:255 batch_num:4 t_c_loss:1.3587598 t_sl_loss:
    2.995715
4088 Epoch:255 batch_num:5 t_c_loss:1.2778968 t_sl_loss:
    2.995715
4089 Epoch:255 batch_num:6 t_c_loss:1.0933053 t_sl_loss:
    2.995715
4090 Epoch:255 batch_num:7 t_c_loss:1.2224683 t_sl_loss:
    2.995715
4091 Epoch:255 batch_num:8 t_c_loss:1.0407393 t_sl_loss:
    2.995715
4092 Epoch:255 batch_num:9 t_c_loss:1.1137611 t_sl_loss:
    2.995715
4093 Epoch:255 batch_num:10 t_c_loss:1.376474 t_sl_loss:
    2.995715
4094 Epoch:255 batch_num:11 t_c_loss:1.2179942 t_sl_loss
    :2.995715
4095 Epoch:255 batch_num:12 t_c_loss:1.1668075 t_sl_loss
    :2.995715
4096 Epoch:255 batch_num:13 t_c_loss:1.1327429 t_sl_loss
    :-0.0
```

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4097 epoch_num:255 accuracy_for_train:0.4521072796934866
4098 epoch_num:255 accuracy_for_test:0.33079847908745247
4099 Epoch:256 batch_num:0 t_c_loss:1.1429106 t_sl_loss:
    2.995715
4100 Epoch:256 batch_num:1 t_c_loss:1.3465128 t_sl_loss:
    2.995715
4101 Epoch:256 batch_num:2 t_c_loss:1.2349213 t_sl_loss:
    2.995715
4102 Epoch:256 batch_num:3 t_c_loss:0.9640735 t_sl_loss:
    2.995715
4103 Epoch:256 batch_num:4 t_c_loss:1.1138108 t_sl_loss:
    2.9957154
4104 Epoch:256 batch_num:5 t_c_loss:1.14023 t_sl_loss:2.
    995715
4105 Epoch:256 batch_num:6 t_c_loss:1.1617131 t_sl_loss:
    2.995715
4106 Epoch:256 batch_num:7 t_c_loss:1.1864798 t_sl_loss:
    2.995715
4107 Epoch:256 batch_num:8 t_c_loss:1.1770275 t_sl_loss:
    2.995715
4108 Epoch:256 batch_num:9 t_c_loss:1.2060648 t_sl_loss:
    2.995715
4109 Epoch:256 batch_num:10 t_c_loss:1.1431967 t_sl_loss
    :2.995715
4110 Epoch:256 batch_num:11 t_c_loss:1.1764451 t_sl_loss
    :2.995715
4111 Epoch:256 batch_num:12 t_c_loss:1.0501586 t_sl_loss
    :2.995715
4112 Epoch:256 batch_num:13 t_c_loss:1.6577187 t_sl_loss
    :-0.0
4113 epoch_num:256 accuracy_for_train:0.4444444444444444
4114 epoch_num:256 accuracy_for_test:0.33840304182509506
4115 Epoch:257 batch_num:0 t_c_loss:1.0451608 t_sl_loss:
    2.9957151
4116 Epoch:257 batch_num:1 t_c_loss:1.0520201 t_sl_loss:
    2.995715
4117 Epoch:257 batch_num:2 t_c_loss:1.1976459 t_sl_loss:
    2.995715
4118 Epoch:257 batch_num:3 t_c_loss:1.1270452 t_sl_loss:
    2.995715
4119 Epoch:257 batch_num:4 t_c_loss:1.1017416 t_sl_loss:
```

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4119 2.995715
4120 Epoch:257 batch_num:5 t_c_loss:1.080544 t_sl_loss:2
    .995715
4121 Epoch:257 batch_num:6 t_c_loss:1.280391 t_sl_loss:2
    .995715
4122 Epoch:257 batch_num:7 t_c_loss:1.0268905 t_sl_loss:
    2.995715
4123 Epoch:257 batch_num:8 t_c_loss:1.2312922 t_sl_loss:
    2.995715
4124 Epoch:257 batch_num:9 t_c_loss:1.3348879 t_sl_loss:
    2.995715
4125 Epoch:257 batch_num:10 t_c_loss:1.0875907 t_sl_loss
    :2.995715
4126 Epoch:257 batch_num:11 t_c_loss:1.1132233 t_sl_loss
    :2.9957151
4127 Epoch:257 batch_num:12 t_c_loss:1.0983405 t_sl_loss
    :2.995715
4128 Epoch:257 batch_num:13 t_c_loss:1.5609546 t_sl_loss
    :-0.0
4129 epoch_num:257 accuracy_for_train:0.
    45977011494252873
4130 epoch_num:257 accuracy_for_test:0.33079847908745247
4131 Epoch:258 batch_num:0 t_c_loss:1.187512 t_sl_loss:2
    .995715
4132 Epoch:258 batch_num:1 t_c_loss:1.1043888 t_sl_loss:
    2.995715
4133 Epoch:258 batch_num:2 t_c_loss:1.3029114 t_sl_loss:
    2.995715
4134 Epoch:258 batch_num:3 t_c_loss:1.2419986 t_sl_loss:
    2.995715
4135 Epoch:258 batch_num:4 t_c_loss:1.2487087 t_sl_loss:
    2.995715
4136 Epoch:258 batch_num:5 t_c_loss:1.0536658 t_sl_loss:
    2.995715
4137 Epoch:258 batch_num:6 t_c_loss:1.0903742 t_sl_loss:
    2.995715
4138 Epoch:258 batch_num:7 t_c_loss:1.1571963 t_sl_loss:
    2.995715
4139 Epoch:258 batch_num:8 t_c_loss:1.3294919 t_sl_loss:
    2.995715
4140 Epoch:258 batch_num:9 t_c_loss:1.0869167 t_sl_loss:
```

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4140 2.995715
4141 Epoch:258 batch_num:10 t_c_loss:1.1974014 t_sl_loss
      :2.995715
4142 Epoch:258 batch_num:11 t_c_loss:1.1950107 t_sl_loss
      :2.995715
4143 Epoch:258 batch_num:12 t_c_loss:1.0780847 t_sl_loss
      :2.995715
4144 Epoch:258 batch_num:13 t_c_loss:1.6347919 t_sl_loss
      :-0.0
4145 epoch_num:258 accuracy_for_train:0.
      46360153256704983
4146 epoch_num:258 accuracy_for_test:0.3269961977186312
4147 Epoch:259 batch_num:0 t_c_loss:1.094617 t_sl_loss:2
      .995715
4148 Epoch:259 batch_num:1 t_c_loss:1.1221703 t_sl_loss:
      2.9957151
4149 Epoch:259 batch_num:2 t_c_loss:1.3034532 t_sl_loss:
      2.995715
4150 Epoch:259 batch_num:3 t_c_loss:1.1462723 t_sl_loss:
      2.995715
4151 Epoch:259 batch_num:4 t_c_loss:1.0552605 t_sl_loss:
      2.995715
4152 Epoch:259 batch_num:5 t_c_loss:1.1444232 t_sl_loss:
      2.995715
4153 Epoch:259 batch_num:6 t_c_loss:1.0697632 t_sl_loss:
      2.995715
4154 Epoch:259 batch_num:7 t_c_loss:1.2835041 t_sl_loss:
      2.995715
4155 Epoch:259 batch_num:8 t_c_loss:1.1663432 t_sl_loss:
      2.995715
4156 Epoch:259 batch_num:9 t_c_loss:1.1816375 t_sl_loss:
      2.995715
4157 Epoch:259 batch_num:10 t_c_loss:1.0628145 t_sl_loss
      :2.995715
4158 Epoch:259 batch_num:11 t_c_loss:1.1001191 t_sl_loss
      :2.995715
4159 Epoch:259 batch_num:12 t_c_loss:1.2450145 t_sl_loss
      :2.995715
4160 Epoch:259 batch_num:13 t_c_loss:1.3767738 t_sl_loss
      :-0.0
4161 epoch_num:259 accuracy_for_train:0.4482758620689655
```



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4162 epoch_num:259 accuracy_for_test:0.3231939163498099
4163 Epoch:260 batch_num:0 t_c_loss:1.038699 t_sl_loss:2.995715
4164 Epoch:260 batch_num:1 t_c_loss:1.18418 t_sl_loss:2.995715
4165 Epoch:260 batch_num:2 t_c_loss:1.068974 t_sl_loss:2.995715
4166 Epoch:260 batch_num:3 t_c_loss:1.2346951 t_sl_loss:2.9957154
4167 Epoch:260 batch_num:4 t_c_loss:1.1246328 t_sl_loss:2.995715
4168 Epoch:260 batch_num:5 t_c_loss:1.1256536 t_sl_loss:2.995715
4169 Epoch:260 batch_num:6 t_c_loss:1.4894662 t_sl_loss:2.995715
4170 Epoch:260 batch_num:7 t_c_loss:1.0348717 t_sl_loss:2.995715
4171 Epoch:260 batch_num:8 t_c_loss:1.0703453 t_sl_loss:2.995715
4172 Epoch:260 batch_num:9 t_c_loss:1.2898756 t_sl_loss:2.995715
4173 Epoch:260 batch_num:10 t_c_loss:1.0303184 t_sl_loss:2.995715
4174 Epoch:260 batch_num:11 t_c_loss:1.1351961 t_sl_loss:2.9957151
4175 Epoch:260 batch_num:12 t_c_loss:1.2791004 t_sl_loss:2.995715
4176 Epoch:260 batch_num:13 t_c_loss:1.2530723 t_sl_loss:-0.0
4177 epoch_num:260 accuracy_for_train:0.4521072796934866
4178 epoch_num:260 accuracy_for_test:0.3155893536121673
4179 Epoch:261 batch_num:0 t_c_loss:1.0854175 t_sl_loss:2.995715
4180 Epoch:261 batch_num:1 t_c_loss:1.1503212 t_sl_loss:2.995715
4181 Epoch:261 batch_num:2 t_c_loss:1.1315925 t_sl_loss:2.995715
4182 Epoch:261 batch_num:3 t_c_loss:1.3108082 t_sl_loss:2.995715
4183 Epoch:261 batch_num:4 t_c_loss:1.0298921 t_sl_loss:2.995715
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4184 Epoch:261 batch_num:5 t_c_loss:1.078615 t_sl_loss:2
    .995715
4185 Epoch:261 batch_num:6 t_c_loss:1.1161689 t_sl_loss:
    2.995715
4186 Epoch:261 batch_num:7 t_c_loss:1.3786008 t_sl_loss:
    2.995715
4187 Epoch:261 batch_num:8 t_c_loss:1.0338997 t_sl_loss:
    2.995715
4188 Epoch:261 batch_num:9 t_c_loss:1.0635645 t_sl_loss:
    2.995715
4189 Epoch:261 batch_num:10 t_c_loss:1.183993 t_sl_loss:
    2.995846
4190 Epoch:261 batch_num:11 t_c_loss:1.2696445 t_sl_loss
    :2.995715
4191 Epoch:261 batch_num:12 t_c_loss:1.0945122 t_sl_loss
    :2.995715
4192 Epoch:261 batch_num:13 t_c_loss:1.4714642 t_sl_loss
    :-0.0
4193 epoch_num:261 accuracy_for_train:0.
    45977011494252873
4194 epoch_num:261 accuracy_for_test:0.3269961977186312
4195 Epoch:262 batch_num:0 t_c_loss:1.0651795 t_sl_loss:
    2.995715
4196 Epoch:262 batch_num:1 t_c_loss:1.1042843 t_sl_loss:
    2.995715
4197 Epoch:262 batch_num:2 t_c_loss:1.2131135 t_sl_loss:
    2.995715
4198 Epoch:262 batch_num:3 t_c_loss:1.2433515 t_sl_loss:
    2.995715
4199 Epoch:262 batch_num:4 t_c_loss:1.2862085 t_sl_loss:
    2.995715
4200 Epoch:262 batch_num:5 t_c_loss:1.0320255 t_sl_loss:
    2.995715
4201 Epoch:262 batch_num:6 t_c_loss:1.1831293 t_sl_loss:
    2.995715
4202 Epoch:262 batch_num:7 t_c_loss:1.2525771 t_sl_loss:
    2.995715
4203 Epoch:262 batch_num:8 t_c_loss:1.1408733 t_sl_loss:
    2.995715
4204 Epoch:262 batch_num:9 t_c_loss:1.065431 t_sl_loss:2
    .995715
```

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4205 Epoch:262 batch_num:10 t_c_loss:1.1488676 t_sl_loss
    :2.995715
4206 Epoch:262 batch_num:11 t_c_loss:1.2759001 t_sl_loss
    :2.995715
4207 Epoch:262 batch_num:12 t_c_loss:1.0835909 t_sl_loss
    :2.995715
4208 Epoch:262 batch_num:13 t_c_loss:1.3345758 t_sl_loss
    :-0.0
4209 epoch_num:262 accuracy_for_train:0.4674329501915709
4210 epoch_num:262 accuracy_for_test:0.34600760456273766
4211 Epoch:263 batch_num:0 t_c_loss:1.0957874 t_sl_loss:
    2.995715
4212 Epoch:263 batch_num:1 t_c_loss:1.3006366 t_sl_loss:
    2.995715
4213 Epoch:263 batch_num:2 t_c_loss:1.0308548 t_sl_loss:
    2.995715
4214 Epoch:263 batch_num:3 t_c_loss:1.0834551 t_sl_loss:
    2.995715
4215 Epoch:263 batch_num:4 t_c_loss:1.32738 t_sl_loss:2.
    995715
4216 Epoch:263 batch_num:5 t_c_loss:0.98112756 t_sl_loss
    :2.995715
4217 Epoch:263 batch_num:6 t_c_loss:1.085672 t_sl_loss:2
    .995715
4218 Epoch:263 batch_num:7 t_c_loss:1.1344066 t_sl_loss:
    2.995715
4219 Epoch:263 batch_num:8 t_c_loss:1.1904867 t_sl_loss:
    2.9957151
4220 Epoch:263 batch_num:9 t_c_loss:1.1604836 t_sl_loss:
    2.995715
4221 Epoch:263 batch_num:10 t_c_loss:1.347021 t_sl_loss:
    2.995715
4222 Epoch:263 batch_num:11 t_c_loss:1.1683238 t_sl_loss
    :2.995715
4223 Epoch:263 batch_num:12 t_c_loss:1.1891863 t_sl_loss
    :2.995715
4224 Epoch:263 batch_num:13 t_c_loss:1.3225795 t_sl_loss
    :-0.0
4225 epoch_num:263 accuracy_for_train:0.
    45977011494252873
4226 epoch_num:263 accuracy_for_test:0.3574144486692015
```

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4227 Epoch:264 batch_num:0 t_c_loss:1.2748703 t_sl_loss:
    2.995715
4228 Epoch:264 batch_num:1 t_c_loss:1.196901 t_sl_loss:2
    .995715
4229 Epoch:264 batch_num:2 t_c_loss:1.1804615 t_sl_loss:
    2.995715
4230 Epoch:264 batch_num:3 t_c_loss:1.1197606 t_sl_loss:
    2.995715
4231 Epoch:264 batch_num:4 t_c_loss:1.0514778 t_sl_loss:
    2.995715
4232 Epoch:264 batch_num:5 t_c_loss:1.1831244 t_sl_loss:
    2.995715
4233 Epoch:264 batch_num:6 t_c_loss:1.1600491 t_sl_loss:
    2.995715
4234 Epoch:264 batch_num:7 t_c_loss:1.1679106 t_sl_loss:
    2.995715
4235 Epoch:264 batch_num:8 t_c_loss:1.2131823 t_sl_loss:
    2.995715
4236 Epoch:264 batch_num:9 t_c_loss:1.002794 t_sl_loss:2
    .995715
4237 Epoch:264 batch_num:10 t_c_loss:1.3071154 t_sl_loss
    :2.995715
4238 Epoch:264 batch_num:11 t_c_loss:1.0260313 t_sl_loss
    :2.995715
4239 Epoch:264 batch_num:12 t_c_loss:1.332187 t_sl_loss:
    2.995715
4240 Epoch:264 batch_num:13 t_c_loss:1.4312295 t_sl_loss
    :-0.0
4241 epoch_num:264 accuracy_for_train:0.4329501915708812
4242 epoch_num:264 accuracy_for_test:0.33079847908745247
4243 Epoch:265 batch_num:0 t_c_loss:1.0384376 t_sl_loss:
    2.995715
4244 Epoch:265 batch_num:1 t_c_loss:1.1252329 t_sl_loss:
    2.995715
4245 Epoch:265 batch_num:2 t_c_loss:1.2634968 t_sl_loss:
    2.995715
4246 Epoch:265 batch_num:3 t_c_loss:1.0604705 t_sl_loss:
    2.995715
4247 Epoch:265 batch_num:4 t_c_loss:1.1944128 t_sl_loss:
    2.995715
4248 Epoch:265 batch_num:5 t_c_loss:1.1025164 t_sl_loss:
```

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4248 2.995715
4249 Epoch:265 batch_num:6 t_c_loss:1.253618 t_sl_loss:2
    .995715
4250 Epoch:265 batch_num:7 t_c_loss:1.3253143 t_sl_loss:
    2.995715
4251 Epoch:265 batch_num:8 t_c_loss:1.2175028 t_sl_loss:
    2.995715
4252 Epoch:265 batch_num:9 t_c_loss:1.2781532 t_sl_loss:
    2.995715
4253 Epoch:265 batch_num:10 t_c_loss:1.0114295 t_sl_loss
    :2.995715
4254 Epoch:265 batch_num:11 t_c_loss:1.0913537 t_sl_loss
    :2.996026
4255 Epoch:265 batch_num:12 t_c_loss:1.0907488 t_sl_loss
    :2.995715
4256 Epoch:265 batch_num:13 t_c_loss:1.6653439 t_sl_loss
    :-0.0
4257 epoch_num:265 accuracy_for_train:0.
    45977011494252873
4258 epoch_num:265 accuracy_for_test:0.34600760456273766
4259 Epoch:266 batch_num:0 t_c_loss:1.4036553 t_sl_loss:
    2.995715
4260 Epoch:266 batch_num:1 t_c_loss:0.97487706 t_sl_loss
    :2.995715
4261 Epoch:266 batch_num:2 t_c_loss:1.1219419 t_sl_loss:
    2.9959433
4262 Epoch:266 batch_num:3 t_c_loss:1.0263693 t_sl_loss:
    2.995715
4263 Epoch:266 batch_num:4 t_c_loss:0.9804185 t_sl_loss:
    2.995715
4264 Epoch:266 batch_num:5 t_c_loss:1.213348 t_sl_loss:2
    .995715
4265 Epoch:266 batch_num:6 t_c_loss:1.1687671 t_sl_loss:
    2.995715
4266 Epoch:266 batch_num:7 t_c_loss:1.2516848 t_sl_loss:
    2.995715
4267 Epoch:266 batch_num:8 t_c_loss:1.273018 t_sl_loss:2
    .995715
4268 Epoch:266 batch_num:9 t_c_loss:1.1071985 t_sl_loss:
    2.995715
4269 Epoch:266 batch_num:10 t_c_loss:1.2043197 t_sl_loss
```

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4269 :2.995715
4270 Epoch:266 batch_num:11 t_c_loss:1.3902855 t_sl_loss
    :2.995715
4271 Epoch:266 batch_num:12 t_c_loss:1.0942576 t_sl_loss
    :2.995715
4272 Epoch:266 batch_num:13 t_c_loss:1.4698379 t_sl_loss
    :-0.0
4273 epoch_num:266 accuracy_for_train:0.4329501915708812
4274 epoch_num:266 accuracy_for_test:0.3269961977186312
4275 Epoch:267 batch_num:0 t_c_loss:1.1701219 t_sl_loss:
    2.995715
4276 Epoch:267 batch_num:1 t_c_loss:1.2033774 t_sl_loss:
    2.995715
4277 Epoch:267 batch_num:2 t_c_loss:1.00964 t_sl_loss:2.
    995715
4278 Epoch:267 batch_num:3 t_c_loss:1.1383026 t_sl_loss:
    2.995715
4279 Epoch:267 batch_num:4 t_c_loss:1.1510599 t_sl_loss:
    2.995715
4280 Epoch:267 batch_num:5 t_c_loss:1.2033918 t_sl_loss:
    2.9957147
4281 Epoch:267 batch_num:6 t_c_loss:1.2019913 t_sl_loss:
    2.995715
4282 Epoch:267 batch_num:7 t_c_loss:1.2872335 t_sl_loss:
    2.995715
4283 Epoch:267 batch_num:8 t_c_loss:1.0326122 t_sl_loss:
    2.995715
4284 Epoch:267 batch_num:9 t_c_loss:1.2107705 t_sl_loss:
    2.9957151
4285 Epoch:267 batch_num:10 t_c_loss:1.0546262 t_sl_loss
    :2.995715
4286 Epoch:267 batch_num:11 t_c_loss:1.2854059 t_sl_loss
    :2.995715
4287 Epoch:267 batch_num:12 t_c_loss:1.0485322 t_sl_loss
    :2.995715
4288 Epoch:267 batch_num:13 t_c_loss:1.2916646 t_sl_loss
    :-0.0
4289 epoch_num:267 accuracy_for_train:0.4482758620689655
4290 epoch_num:267 accuracy_for_test:0.34980988593155893
4291 Epoch:268 batch_num:0 t_c_loss:1.1752911 t_sl_loss:
    2.995715
```

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4292 Epoch:268 batch_num:1 t_c_loss:0.97472554 t_sl_loss
:2.995715
4293 Epoch:268 batch_num:2 t_c_loss:1.125375 t_sl_loss:2
.995715
4294 Epoch:268 batch_num:3 t_c_loss:1.164873 t_sl_loss:2
.995715
4295 Epoch:268 batch_num:4 t_c_loss:1.1887276 t_sl_loss:
2.9957156
4296 Epoch:268 batch_num:5 t_c_loss:1.3699892 t_sl_loss:
2.995715
4297 Epoch:268 batch_num:6 t_c_loss:1.1193224 t_sl_loss:
2.995715
4298 Epoch:268 batch_num:7 t_c_loss:1.1671256 t_sl_loss:
2.995715
4299 Epoch:268 batch_num:8 t_c_loss:1.1721556 t_sl_loss:
2.9957147
4300 Epoch:268 batch_num:9 t_c_loss:1.2044394 t_sl_loss:
2.995715
4301 Epoch:268 batch_num:10 t_c_loss:1.1003568 t_sl_loss
:2.995715
4302 Epoch:268 batch_num:11 t_c_loss:1.2655195 t_sl_loss
:2.995715
4303 Epoch:268 batch_num:12 t_c_loss:1.1013395 t_sl_loss
:2.995715
4304 Epoch:268 batch_num:13 t_c_loss:1.1254478 t_sl_loss
:-0.0
4305 epoch_num:268 accuracy_for_train:0.4329501915708812
4306 epoch_num:268 accuracy_for_test:0.3231939163498099
4307 Epoch:269 batch_num:0 t_c_loss:1.1092379 t_sl_loss:
2.995715
4308 Epoch:269 batch_num:1 t_c_loss:1.1955148 t_sl_loss:
2.995715
4309 Epoch:269 batch_num:2 t_c_loss:1.0417905 t_sl_loss:
2.995715
4310 Epoch:269 batch_num:3 t_c_loss:0.93955344 t_sl_loss
:2.995715
4311 Epoch:269 batch_num:4 t_c_loss:1.1629665 t_sl_loss:
2.995715
4312 Epoch:269 batch_num:5 t_c_loss:1.2431384 t_sl_loss:
2.995715
4313 Epoch:269 batch_num:6 t_c_loss:1.1479551 t_sl_loss:
```

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4313 2.995715
4314 Epoch:269 batch_num:7 t_c_loss:1.1773474 t_sl_loss:
      2.9957151
4315 Epoch:269 batch_num:8 t_c_loss:1.3017042 t_sl_loss:
      2.995715
4316 Epoch:269 batch_num:9 t_c_loss:1.2406863 t_sl_loss:
      2.995715
4317 Epoch:269 batch_num:10 t_c_loss:1.2525227 t_sl_loss
      :2.9957151
4318 Epoch:269 batch_num:11 t_c_loss:1.1614482 t_sl_loss
      :2.995715
4319 Epoch:269 batch_num:12 t_c_loss:1.1691192 t_sl_loss
      :2.995715
4320 Epoch:269 batch_num:13 t_c_loss:1.6857929 t_sl_loss
      :-0.0
4321 epoch_num:269 accuracy_for_train:0.4521072796934866
4322 epoch_num:269 accuracy_for_test:0.3231939163498099
4323 Epoch:270 batch_num:0 t_c_loss:1.0420035 t_sl_loss:
      2.995715
4324 Epoch:270 batch_num:1 t_c_loss:1.0343038 t_sl_loss:
      2.995715
4325 Epoch:270 batch_num:2 t_c_loss:1.0135052 t_sl_loss:
      2.995715
4326 Epoch:270 batch_num:3 t_c_loss:1.0874908 t_sl_loss:
      2.995715
4327 Epoch:270 batch_num:4 t_c_loss:1.0438576 t_sl_loss:
      2.995715
4328 Epoch:270 batch_num:5 t_c_loss:1.2871106 t_sl_loss:
      2.995715
4329 Epoch:270 batch_num:6 t_c_loss:1.3004595 t_sl_loss:
      2.995715
4330 Epoch:270 batch_num:7 t_c_loss:1.1413661 t_sl_loss:
      2.995715
4331 Epoch:270 batch_num:8 t_c_loss:1.2410514 t_sl_loss:
      2.995715
4332 Epoch:270 batch_num:9 t_c_loss:1.1882457 t_sl_loss:
      2.995715
4333 Epoch:270 batch_num:10 t_c_loss:1.1413294 t_sl_loss
      :2.995715
4334 Epoch:270 batch_num:11 t_c_loss:1.2318541 t_sl_loss
      :2.9957147
```



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4335 Epoch:270 batch_num:12 t_c_loss:1.1803156 t_sl_loss
    :2.995715
4336 Epoch:270 batch_num:13 t_c_loss:1.3709309 t_sl_loss
    :-0.0
4337 epoch_num:270 accuracy_for_train:0.
    45977011494252873
4338 epoch_num:270 accuracy_for_test:0.33460076045627374
4339 Epoch:271 batch_num:0 t_c_loss:0.9554984 t_sl_loss:
    2.9957151
4340 Epoch:271 batch_num:1 t_c_loss:0.95819414 t_sl_loss
    :2.995715
4341 Epoch:271 batch_num:2 t_c_loss:1.3217267 t_sl_loss:
    2.995715
4342 Epoch:271 batch_num:3 t_c_loss:1.1352355 t_sl_loss:
    2.995715
4343 Epoch:271 batch_num:4 t_c_loss:1.4044087 t_sl_loss:
    2.995715
4344 Epoch:271 batch_num:5 t_c_loss:1.1566288 t_sl_loss:
    2.995715
4345 Epoch:271 batch_num:6 t_c_loss:1.2658664 t_sl_loss:
    2.995715
4346 Epoch:271 batch_num:7 t_c_loss:1.2927555 t_sl_loss:
    2.995715
4347 Epoch:271 batch_num:8 t_c_loss:1.2806022 t_sl_loss:
    2.995715
4348 Epoch:271 batch_num:9 t_c_loss:1.0959059 t_sl_loss:
    2.995715
4349 Epoch:271 batch_num:10 t_c_loss:1.1011338 t_sl_loss
    :2.995715
4350 Epoch:271 batch_num:11 t_c_loss:1.1810709 t_sl_loss
    :2.995715
4351 Epoch:271 batch_num:12 t_c_loss:1.2197117 t_sl_loss
    :2.995715
4352 Epoch:271 batch_num:13 t_c_loss:1.4738326 t_sl_loss
    :-0.0
4353 epoch_num:271 accuracy_for_train:0.4444444444444444
4354 epoch_num:271 accuracy_for_test:0.3269961977186312
4355 Epoch:272 batch_num:0 t_c_loss:1.0215857 t_sl_loss:
    2.995715
4356 Epoch:272 batch_num:1 t_c_loss:1.0328858 t_sl_loss:
    2.995715
```

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4357 Epoch:272 batch_num:2 t_c_loss:1.0874174 t_sl_loss:
    2.995715
4358 Epoch:272 batch_num:3 t_c_loss:1.2415307 t_sl_loss:
    2.995715
4359 Epoch:272 batch_num:4 t_c_loss:1.1799318 t_sl_loss:
    2.9957151
4360 Epoch:272 batch_num:5 t_c_loss:1.2883303 t_sl_loss:
    2.995715
4361 Epoch:272 batch_num:6 t_c_loss:1.0429335 t_sl_loss:
    2.995715
4362 Epoch:272 batch_num:7 t_c_loss:1.3048389 t_sl_loss:
    2.995715
4363 Epoch:272 batch_num:8 t_c_loss:0.99482614 t_sl_loss
    :2.995715
4364 Epoch:272 batch_num:9 t_c_loss:1.2053617 t_sl_loss:
    2.995715
4365 Epoch:272 batch_num:10 t_c_loss:0.9884966 t_sl_loss
    :2.995715
4366 Epoch:272 batch_num:11 t_c_loss:1.3538479 t_sl_loss
    :2.995715
4367 Epoch:272 batch_num:12 t_c_loss:1.1423397 t_sl_loss
    :2.995715
4368 Epoch:272 batch_num:13 t_c_loss:1.2772412 t_sl_loss
    :-0.0
4369 epoch_num:272 accuracy_for_train:0.4482758620689655
4370 epoch_num:272 accuracy_for_test:0.33840304182509506
4371 Epoch:273 batch_num:0 t_c_loss:1.1228287 t_sl_loss:
    2.995715
4372 Epoch:273 batch_num:1 t_c_loss:0.9561163 t_sl_loss:
    2.995715
4373 Epoch:273 batch_num:2 t_c_loss:1.0927047 t_sl_loss:
    2.995715
4374 Epoch:273 batch_num:3 t_c_loss:1.1132559 t_sl_loss:
    2.995715
4375 Epoch:273 batch_num:4 t_c_loss:1.1540773 t_sl_loss:
    2.995715
4376 Epoch:273 batch_num:5 t_c_loss:1.1404215 t_sl_loss:
    2.995715
4377 Epoch:273 batch_num:6 t_c_loss:1.278435 t_sl_loss:2
    .995715
4378 Epoch:273 batch_num:7 t_c_loss:1.2935989 t_sl_loss:
```

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4378 2.995715
4379 Epoch:273 batch_num:8 t_c_loss:1.1439173 t_sl_loss:
    2.995715
4380 Epoch:273 batch_num:9 t_c_loss:1.2593772 t_sl_loss:
    2.995715
4381 Epoch:273 batch_num:10 t_c_loss:1.0706788 t_sl_loss
    :2.9957144
4382 Epoch:273 batch_num:11 t_c_loss:1.2430893 t_sl_loss
    :2.995715
4383 Epoch:273 batch_num:12 t_c_loss:1.0709102 t_sl_loss
    :2.9957151
4384 Epoch:273 batch_num:13 t_c_loss:1.2482132 t_sl_loss
    :-0.0
4385 epoch_num:273 accuracy_for_train:0.
    46360153256704983
4386 epoch_num:273 accuracy_for_test:0.33079847908745247
4387 Epoch:274 batch_num:0 t_c_loss:1.2126844 t_sl_loss:
    2.995715
4388 Epoch:274 batch_num:1 t_c_loss:1.0811086 t_sl_loss:
    2.995715
4389 Epoch:274 batch_num:2 t_c_loss:1.0330901 t_sl_loss:
    2.995715
4390 Epoch:274 batch_num:3 t_c_loss:1.0919234 t_sl_loss:
    2.995715
4391 Epoch:274 batch_num:4 t_c_loss:1.2885929 t_sl_loss:
    2.995715
4392 Epoch:274 batch_num:5 t_c_loss:1.2154698 t_sl_loss:
    2.995715
4393 Epoch:274 batch_num:6 t_c_loss:1.0689218 t_sl_loss:
    2.995715
4394 Epoch:274 batch_num:7 t_c_loss:1.1899292 t_sl_loss:
    2.995715
4395 Epoch:274 batch_num:8 t_c_loss:1.1594924 t_sl_loss:
    2.995715
4396 Epoch:274 batch_num:9 t_c_loss:1.2147694 t_sl_loss:
    2.995715
4397 Epoch:274 batch_num:10 t_c_loss:1.156991 t_sl_loss:
    2.995715
4398 Epoch:274 batch_num:11 t_c_loss:1.0929664 t_sl_loss
    :2.995715
4399 Epoch:274 batch_num:12 t_c_loss:1.3883369 t_sl_loss
```

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4399 :2.995715
4400 Epoch:274 batch_num:13 t_c_loss:1.4739022 t_sl_loss
    :-0.0
4401 epoch_num:274 accuracy_for_train:0.
    41762452107279696
4402 epoch_num:274 accuracy_for_test:0.34220532319391633
4403 Epoch:275 batch_num:0 t_c_loss:1.5287797 t_sl_loss:
    2.995715
4404 Epoch:275 batch_num:1 t_c_loss:1.0524584 t_sl_loss:
    2.995715
4405 Epoch:275 batch_num:2 t_c_loss:1.4454858 t_sl_loss:
    2.995715
4406 Epoch:275 batch_num:3 t_c_loss:1.1936542 t_sl_loss:
    2.995715
4407 Epoch:275 batch_num:4 t_c_loss:1.0695572 t_sl_loss:
    2.995715
4408 Epoch:275 batch_num:5 t_c_loss:1.1566417 t_sl_loss:
    2.995715
4409 Epoch:275 batch_num:6 t_c_loss:1.1159848 t_sl_loss:
    2.995715
4410 Epoch:275 batch_num:7 t_c_loss:1.1586145 t_sl_loss:
    2.995715
4411 Epoch:275 batch_num:8 t_c_loss:1.1273396 t_sl_loss:
    2.995715
4412 Epoch:275 batch_num:9 t_c_loss:0.97933483 t_sl_loss
    :2.995715
4413 Epoch:275 batch_num:10 t_c_loss:1.0985377 t_sl_loss
    :2.995715
4414 Epoch:275 batch_num:11 t_c_loss:1.0246288 t_sl_loss
    :2.995715
4415 Epoch:275 batch_num:12 t_c_loss:1.2538341 t_sl_loss
    :2.995715
4416 Epoch:275 batch_num:13 t_c_loss:1.7152405 t_sl_loss
    :-0.0
4417 epoch_num:275 accuracy_for_train:0.4521072796934866
4418 epoch_num:275 accuracy_for_test:0.33460076045627374
4419 Epoch:276 batch_num:0 t_c_loss:1.1947784 t_sl_loss:
    2.995715
4420 Epoch:276 batch_num:1 t_c_loss:1.0417585 t_sl_loss:
    2.9957154
4421 Epoch:276 batch_num:2 t_c_loss:1.130091 t_sl_loss:2
```

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4421 .995715
4422 Epoch:276 batch_num:3 t_c_loss:1.0744797 t_sl_loss:
    2.995715
4423 Epoch:276 batch_num:4 t_c_loss:1.4363564 t_sl_loss:
    2.995715
4424 Epoch:276 batch_num:5 t_c_loss:1.3147311 t_sl_loss:
    2.995715
4425 Epoch:276 batch_num:6 t_c_loss:1.0128777 t_sl_loss:
    2.995715
4426 Epoch:276 batch_num:7 t_c_loss:1.0570066 t_sl_loss:
    2.995715
4427 Epoch:276 batch_num:8 t_c_loss:1.1176323 t_sl_loss:
    2.995715
4428 Epoch:276 batch_num:9 t_c_loss:1.121505 t_sl_loss:2
    .995715
4429 Epoch:276 batch_num:10 t_c_loss:1.0079389 t_sl_loss
    :2.995715
4430 Epoch:276 batch_num:11 t_c_loss:1.2294695 t_sl_loss
    :2.995715
4431 Epoch:276 batch_num:12 t_c_loss:1.2498668 t_sl_loss
    :2.995715
4432 Epoch:276 batch_num:13 t_c_loss:1.4403988 t_sl_loss
    :-0.0
4433 epoch_num:276 accuracy_for_train:0.
    46360153256704983
4434 epoch_num:276 accuracy_for_test:0.3193916349809886
4435 Epoch:277 batch_num:0 t_c_loss:1.164814 t_sl_loss:2
    .995715
4436 Epoch:277 batch_num:1 t_c_loss:1.1890452 t_sl_loss:
    2.995715
4437 Epoch:277 batch_num:2 t_c_loss:1.3058573 t_sl_loss:
    2.995715
4438 Epoch:277 batch_num:3 t_c_loss:0.99093974 t_sl_loss
    :2.995715
4439 Epoch:277 batch_num:4 t_c_loss:0.9897598 t_sl_loss:
    2.995715
4440 Epoch:277 batch_num:5 t_c_loss:1.3255649 t_sl_loss:
    2.995715
4441 Epoch:277 batch_num:6 t_c_loss:0.9472634 t_sl_loss:
    2.995715
4442 Epoch:277 batch_num:7 t_c_loss:1.1723388 t_sl_loss:
```

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4442 2.995715
4443 Epoch:277 batch_num:8 t_c_loss:1.1844225 t_sl_loss:
    2.995715
4444 Epoch:277 batch_num:9 t_c_loss:1.2934858 t_sl_loss:
    2.9957213
4445 Epoch:277 batch_num:10 t_c_loss:1.1834272 t_sl_loss
    :2.995715
4446 Epoch:277 batch_num:11 t_c_loss:1.2043288 t_sl_loss
    :2.995715
4447 Epoch:277 batch_num:12 t_c_loss:1.1599324 t_sl_loss
    :2.995715
4448 Epoch:277 batch_num:13 t_c_loss:1.2243083 t_sl_loss
    :-0.0
4449 epoch_num:277 accuracy_for_train:0.4559386973180077
4450 epoch_num:277 accuracy_for_test:0.3193916349809886
4451 Epoch:278 batch_num:0 t_c_loss:1.0622151 t_sl_loss:
    2.995715
4452 Epoch:278 batch_num:1 t_c_loss:1.0545571 t_sl_loss:
    2.995715
4453 Epoch:278 batch_num:2 t_c_loss:1.160588 t_sl_loss:2
    .995715
4454 Epoch:278 batch_num:3 t_c_loss:1.2246953 t_sl_loss:
    2.995715
4455 Epoch:278 batch_num:4 t_c_loss:1.2198144 t_sl_loss:
    2.9957151
4456 Epoch:278 batch_num:5 t_c_loss:1.1695373 t_sl_loss:
    2.995715
4457 Epoch:278 batch_num:6 t_c_loss:1.0564007 t_sl_loss:
    2.995715
4458 Epoch:278 batch_num:7 t_c_loss:1.2347685 t_sl_loss:
    2.995715
4459 Epoch:278 batch_num:8 t_c_loss:1.3481966 t_sl_loss:
    2.995715
4460 Epoch:278 batch_num:9 t_c_loss:1.0880171 t_sl_loss:
    2.995715
4461 Epoch:278 batch_num:10 t_c_loss:1.0957136 t_sl_loss
    :2.995715
4462 Epoch:278 batch_num:11 t_c_loss:1.1482471 t_sl_loss
    :2.995715
4463 Epoch:278 batch_num:12 t_c_loss:1.2434547 t_sl_loss
    :2.995715
```

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4464 Epoch:278 batch_num:13 t_c_loss:1.5657638 t_sl_loss
    :-0.0
4465 epoch_num:278 accuracy_for_train:0.4521072796934866
4466 epoch_num:278 accuracy_for_test:0.3231939163498099
4467 Epoch:279 batch_num:0 t_c_loss:1.1968856 t_sl_loss:
    2.995715
4468 Epoch:279 batch_num:1 t_c_loss:1.1369174 t_sl_loss:
    2.995715
4469 Epoch:279 batch_num:2 t_c_loss:1.161091 t_sl_loss:2
    .995715
4470 Epoch:279 batch_num:3 t_c_loss:1.0872529 t_sl_loss:
    2.995715
4471 Epoch:279 batch_num:4 t_c_loss:1.1820881 t_sl_loss:
    2.9957182
4472 Epoch:279 batch_num:5 t_c_loss:1.1481397 t_sl_loss:
    2.995715
4473 Epoch:279 batch_num:6 t_c_loss:1.2809285 t_sl_loss:
    2.995715
4474 Epoch:279 batch_num:7 t_c_loss:1.3121678 t_sl_loss:
    2.995715
4475 Epoch:279 batch_num:8 t_c_loss:1.2019199 t_sl_loss:
    2.995715
4476 Epoch:279 batch_num:9 t_c_loss:1.1161032 t_sl_loss:
    2.995715
4477 Epoch:279 batch_num:10 t_c_loss:1.122099 t_sl_loss:
    2.995715
4478 Epoch:279 batch_num:11 t_c_loss:1.0570898 t_sl_loss
    :2.995715
4479 Epoch:279 batch_num:12 t_c_loss:1.2373997 t_sl_loss
    :2.995715
4480 Epoch:279 batch_num:13 t_c_loss:1.6745136 t_sl_loss
    :-0.0
4481 epoch_num:279 accuracy_for_train:0.421455938697318
4482 epoch_num:279 accuracy_for_test:0.311787072243346
4483 Epoch:280 batch_num:0 t_c_loss:1.0270408 t_sl_loss:
    2.995715
4484 Epoch:280 batch_num:1 t_c_loss:1.2489358 t_sl_loss:
    2.995715
4485 Epoch:280 batch_num:2 t_c_loss:1.0584648 t_sl_loss:
    2.995715
4486 Epoch:280 batch_num:3 t_c_loss:1.216912 t_sl_loss:2
```

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4486 .995715
4487 Epoch:280 batch_num:4 t_c_loss:1.2552599 t_sl_loss:
    2.995715
4488 Epoch:280 batch_num:5 t_c_loss:1.1369524 t_sl_loss:
    2.995715
4489 Epoch:280 batch_num:6 t_c_loss:1.204502 t_sl_loss:2
    .995715
4490 Epoch:280 batch_num:7 t_c_loss:1.1164604 t_sl_loss:
    2.995715
4491 Epoch:280 batch_num:8 t_c_loss:1.1790159 t_sl_loss:
    2.995715
4492 Epoch:280 batch_num:9 t_c_loss:1.2378985 t_sl_loss:
    2.995715
4493 Epoch:280 batch_num:10 t_c_loss:1.0052909 t_sl_loss
    :2.995715
4494 Epoch:280 batch_num:11 t_c_loss:1.2300887 t_sl_loss
    :2.995715
4495 Epoch:280 batch_num:12 t_c_loss:1.2768084 t_sl_loss
    :2.995715
4496 Epoch:280 batch_num:13 t_c_loss:1.389503 t_sl_loss
    :-0.0
4497 epoch_num:280 accuracy_for_train:0.4559386973180077
4498 epoch_num:280 accuracy_for_test:0.33460076045627374
4499 Epoch:281 batch_num:0 t_c_loss:1.0336508 t_sl_loss:
    2.995715
4500 Epoch:281 batch_num:1 t_c_loss:1.4082323 t_sl_loss:
    2.995715
4501 Epoch:281 batch_num:2 t_c_loss:1.1809753 t_sl_loss:
    2.995715
4502 Epoch:281 batch_num:3 t_c_loss:1.1079454 t_sl_loss:
    2.9957151
4503 Epoch:281 batch_num:4 t_c_loss:1.1062149 t_sl_loss:
    2.995715
4504 Epoch:281 batch_num:5 t_c_loss:1.1717834 t_sl_loss:
    2.995715
4505 Epoch:281 batch_num:6 t_c_loss:1.1924458 t_sl_loss:
    2.995715
4506 Epoch:281 batch_num:7 t_c_loss:1.1320208 t_sl_loss:
    2.995715
4507 Epoch:281 batch_num:8 t_c_loss:1.1992933 t_sl_loss:
    2.995715
```



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4508 Epoch:281 batch_num:9 t_c_loss:1.2162342 t_sl_loss:
    2.995715
4509 Epoch:281 batch_num:10 t_c_loss:1.0853853 t_sl_loss
    :2.995715
4510 Epoch:281 batch_num:11 t_c_loss:1.1966736 t_sl_loss
    :2.995715
4511 Epoch:281 batch_num:12 t_c_loss:1.0872236 t_sl_loss
    :2.995715
4512 Epoch:281 batch_num:13 t_c_loss:1.3389782 t_sl_loss
    :-0.0
4513 epoch_num:281 accuracy_for_train:0.4482758620689655
4514 epoch_num:281 accuracy_for_test:0.33460076045627374
4515 Epoch:282 batch_num:0 t_c_loss:1.1124868 t_sl_loss:
    2.995715
4516 Epoch:282 batch_num:1 t_c_loss:1.3151172 t_sl_loss:
    2.9957147
4517 Epoch:282 batch_num:2 t_c_loss:1.0529175 t_sl_loss:
    2.995715
4518 Epoch:282 batch_num:3 t_c_loss:1.0310812 t_sl_loss:
    2.995715
4519 Epoch:282 batch_num:4 t_c_loss:1.3148963 t_sl_loss:
    2.995715
4520 Epoch:282 batch_num:5 t_c_loss:1.1511104 t_sl_loss:
    2.9957151
4521 Epoch:282 batch_num:6 t_c_loss:0.97998476 t_sl_loss
    :2.995715
4522 Epoch:282 batch_num:7 t_c_loss:0.97530365 t_sl_loss
    :2.995715
4523 Epoch:282 batch_num:8 t_c_loss:1.1150095 t_sl_loss:
    2.995715
4524 Epoch:282 batch_num:9 t_c_loss:1.3421274 t_sl_loss:
    2.995715
4525 Epoch:282 batch_num:10 t_c_loss:1.217368 t_sl_loss:
    2.995715
4526 Epoch:282 batch_num:11 t_c_loss:1.1239492 t_sl_loss
    :2.995715
4527 Epoch:282 batch_num:12 t_c_loss:1.1388786 t_sl_loss
    :2.995715
4528 Epoch:282 batch_num:13 t_c_loss:1.5634124 t_sl_loss
    :-0.0
4529 epoch_num:282 accuracy_for_train:0.4674329501915709
```

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4530 epoch_num:282 accuracy_for_test:0.3269961977186312
4531 Epoch:283 batch_num:0 t_c_loss:1.2401417 t_sl_loss:
    2.995715
4532 Epoch:283 batch_num:1 t_c_loss:1.1013371 t_sl_loss:
    2.995715
4533 Epoch:283 batch_num:2 t_c_loss:1.2542276 t_sl_loss:
    2.995715
4534 Epoch:283 batch_num:3 t_c_loss:1.0818956 t_sl_loss:
    2.995715
4535 Epoch:283 batch_num:4 t_c_loss:1.0936291 t_sl_loss:
    2.995715
4536 Epoch:283 batch_num:5 t_c_loss:1.1373247 t_sl_loss:
    2.995715
4537 Epoch:283 batch_num:6 t_c_loss:1.1973156 t_sl_loss:
    2.995715
4538 Epoch:283 batch_num:7 t_c_loss:1.0114583 t_sl_loss:
    2.995715
4539 Epoch:283 batch_num:8 t_c_loss:1.2771889 t_sl_loss:
    2.995715
4540 Epoch:283 batch_num:9 t_c_loss:1.1602781 t_sl_loss:
    2.995715
4541 Epoch:283 batch_num:10 t_c_loss:1.041096 t_sl_loss:
    2.995715
4542 Epoch:283 batch_num:11 t_c_loss:1.2534037 t_sl_loss
    :2.995715
4543 Epoch:283 batch_num:12 t_c_loss:1.1406472 t_sl_loss
    :2.995715
4544 Epoch:283 batch_num:13 t_c_loss:1.6293772 t_sl_loss
    :-0.0
4545 epoch_num:283 accuracy_for_train:0.
    42911877394636017
4546 epoch_num:283 accuracy_for_test:0.3155893536121673
4547 Epoch:284 batch_num:0 t_c_loss:1.1942538 t_sl_loss:
    2.995715
4548 Epoch:284 batch_num:1 t_c_loss:1.3618667 t_sl_loss:
    2.995715
4549 Epoch:284 batch_num:2 t_c_loss:1.2964497 t_sl_loss:
    2.995715
4550 Epoch:284 batch_num:3 t_c_loss:1.2205989 t_sl_loss:
    2.995715
4551 Epoch:284 batch_num:4 t_c_loss:1.0204228 t_sl_loss:
```

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4551 2.995715
4552 Epoch:284 batch_num:5 t_c_loss:1.3699974 t_sl_loss:
    2.995715
4553 Epoch:284 batch_num:6 t_c_loss:1.0979398 t_sl_loss:
    2.995715
4554 Epoch:284 batch_num:7 t_c_loss:1.2427881 t_sl_loss:
    2.995715
4555 Epoch:284 batch_num:8 t_c_loss:1.054486 t_sl_loss:2
    .995715
4556 Epoch:284 batch_num:9 t_c_loss:1.1225249 t_sl_loss:
    2.995715
4557 Epoch:284 batch_num:10 t_c_loss:1.1256454 t_sl_loss
    :2.9957154
4558 Epoch:284 batch_num:11 t_c_loss:0.95492876
    t_sl_loss:2.995715
4559 Epoch:284 batch_num:12 t_c_loss:1.088332 t_sl_loss:
    2.9957156
4560 Epoch:284 batch_num:13 t_c_loss:1.3421355 t_sl_loss
    :-0.0
4561 epoch_num:284 accuracy_for_train:0.421455938697318
4562 epoch_num:284 accuracy_for_test:0.3231939163498099
4563 Epoch:285 batch_num:0 t_c_loss:1.1879784 t_sl_loss:
    2.995715
4564 Epoch:285 batch_num:1 t_c_loss:1.1813135 t_sl_loss:
    2.995715
4565 Epoch:285 batch_num:2 t_c_loss:1.2214857 t_sl_loss:
    2.995715
4566 Epoch:285 batch_num:3 t_c_loss:1.0805411 t_sl_loss:
    2.995715
4567 Epoch:285 batch_num:4 t_c_loss:1.1151875 t_sl_loss:
    2.995715
4568 Epoch:285 batch_num:5 t_c_loss:1.2405056 t_sl_loss:
    2.995715
4569 Epoch:285 batch_num:6 t_c_loss:1.1633345 t_sl_loss:
    2.995715
4570 Epoch:285 batch_num:7 t_c_loss:1.1818326 t_sl_loss:
    2.995715
4571 Epoch:285 batch_num:8 t_c_loss:0.9406549 t_sl_loss:
    2.9957626
4572 Epoch:285 batch_num:9 t_c_loss:1.0654491 t_sl_loss:
    2.995715
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4573 Epoch:285 batch_num:10 t_c_loss:1.2020068 t_sl_loss
:2.995715
4574 Epoch:285 batch_num:11 t_c_loss:1.4195873 t_sl_loss
:2.995715
4575 Epoch:285 batch_num:12 t_c_loss:1.1401532 t_sl_loss
:2.995715
4576 Epoch:285 batch_num:13 t_c_loss:1.6076322 t_sl_loss
:-0.0
4577 epoch_num:285 accuracy_for_train:0.4444444444444444
4578 epoch_num:285 accuracy_for_test:0.3269961977186312
4579 Epoch:286 batch_num:0 t_c_loss:1.2488737 t_sl_loss:
2.9957469
4580 Epoch:286 batch_num:1 t_c_loss:1.1718285 t_sl_loss:
2.995715
4581 Epoch:286 batch_num:2 t_c_loss:1.2831312 t_sl_loss:
2.995715
4582 Epoch:286 batch_num:3 t_c_loss:1.1989692 t_sl_loss:
2.995715
4583 Epoch:286 batch_num:4 t_c_loss:1.3217598 t_sl_loss:
2.995715
4584 Epoch:286 batch_num:5 t_c_loss:1.1672367 t_sl_loss:
2.995715
4585 Epoch:286 batch_num:6 t_c_loss:1.1698982 t_sl_loss:
2.9957147
4586 Epoch:286 batch_num:7 t_c_loss:0.9711984 t_sl_loss:
2.995715
4587 Epoch:286 batch_num:8 t_c_loss:0.8826208 t_sl_loss:
2.995715
4588 Epoch:286 batch_num:9 t_c_loss:1.2771964 t_sl_loss:
2.995715
4589 Epoch:286 batch_num:10 t_c_loss:1.0915248 t_sl_loss
:2.995715
4590 Epoch:286 batch_num:11 t_c_loss:1.1113933 t_sl_loss
:2.995715
4591 Epoch:286 batch_num:12 t_c_loss:1.0747688 t_sl_loss
:2.995715
4592 Epoch:286 batch_num:13 t_c_loss:1.2032003 t_sl_loss
:-0.0
4593 epoch_num:286 accuracy_for_train:0.4521072796934866
4594 epoch_num:286 accuracy_for_test:0.3269961977186312
4595 Epoch:287 batch_num:0 t_c_loss:0.9737915 t_sl_loss:
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4595 2.995715
4596 Epoch:287 batch_num:1 t_c_loss:1.1602112 t_sl_loss:
      2.995715
4597 Epoch:287 batch_num:2 t_c_loss:1.2762741 t_sl_loss:
      2.995715
4598 Epoch:287 batch_num:3 t_c_loss:1.2753767 t_sl_loss:
      2.995715
4599 Epoch:287 batch_num:4 t_c_loss:1.2995341 t_sl_loss:
      2.995715
4600 Epoch:287 batch_num:5 t_c_loss:1.0768797 t_sl_loss:
      2.995715
4601 Epoch:287 batch_num:6 t_c_loss:1.0903512 t_sl_loss:
      2.995715
4602 Epoch:287 batch_num:7 t_c_loss:1.1734558 t_sl_loss:
      2.995715
4603 Epoch:287 batch_num:8 t_c_loss:1.0263926 t_sl_loss:
      2.995715
4604 Epoch:287 batch_num:9 t_c_loss:1.1218534 t_sl_loss:
      2.995715
4605 Epoch:287 batch_num:10 t_c_loss:1.0356249 t_sl_loss
      :2.995715
4606 Epoch:287 batch_num:11 t_c_loss:1.3033539 t_sl_loss
      :2.995715
4607 Epoch:287 batch_num:12 t_c_loss:1.116999 t_sl_loss:
      2.995715
4608 Epoch:287 batch_num:13 t_c_loss:1.4671618 t_sl_loss
      :-0.0
4609 epoch_num:287 accuracy_for_train:0.
      45977011494252873
4610 epoch_num:287 accuracy_for_test:0.33460076045627374
4611 Epoch:288 batch_num:0 t_c_loss:1.0859632 t_sl_loss:
      2.995715
4612 Epoch:288 batch_num:1 t_c_loss:1.066987 t_sl_loss:2
      .995715
4613 Epoch:288 batch_num:2 t_c_loss:1.2129645 t_sl_loss:
      2.995715
4614 Epoch:288 batch_num:3 t_c_loss:1.0347662 t_sl_loss:
      2.995715
4615 Epoch:288 batch_num:4 t_c_loss:1.2672565 t_sl_loss:
      2.995715
4616 Epoch:288 batch_num:5 t_c_loss:1.2683802 t_sl_loss:
```

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4616 2.995715
4617 Epoch:288 batch_num:6 t_c_loss:1.1456974 t_sl_loss:
    2.995715
4618 Epoch:288 batch_num:7 t_c_loss:1.0692941 t_sl_loss:
    2.995715
4619 Epoch:288 batch_num:8 t_c_loss:1.0561712 t_sl_loss:
    2.995715
4620 Epoch:288 batch_num:9 t_c_loss:1.1596769 t_sl_loss:
    2.995716
4621 Epoch:288 batch_num:10 t_c_loss:1.0547599 t_sl_loss
    :2.995715
4622 Epoch:288 batch_num:11 t_c_loss:1.4435459 t_sl_loss
    :2.995715
4623 Epoch:288 batch_num:12 t_c_loss:1.0997593 t_sl_loss
    :2.995715
4624 Epoch:288 batch_num:13 t_c_loss:1.2522905 t_sl_loss
    :-0.0
4625 epoch_num:288 accuracy_for_train:0.4482758620689655
4626 epoch_num:288 accuracy_for_test:0.34980988593155893
4627 Epoch:289 batch_num:0 t_c_loss:1.2763734 t_sl_loss:
    2.995715
4628 Epoch:289 batch_num:1 t_c_loss:1.1574944 t_sl_loss:
    2.995715
4629 Epoch:289 batch_num:2 t_c_loss:1.2311299 t_sl_loss:
    2.995715
4630 Epoch:289 batch_num:3 t_c_loss:1.1402198 t_sl_loss:
    2.995715
4631 Epoch:289 batch_num:4 t_c_loss:1.118208 t_sl_loss:2
    .995715
4632 Epoch:289 batch_num:5 t_c_loss:1.0177888 t_sl_loss:
    2.995715
4633 Epoch:289 batch_num:6 t_c_loss:1.1792063 t_sl_loss:
    2.995715
4634 Epoch:289 batch_num:7 t_c_loss:1.2105707 t_sl_loss:
    2.995715
4635 Epoch:289 batch_num:8 t_c_loss:1.0633051 t_sl_loss:
    2.995715
4636 Epoch:289 batch_num:9 t_c_loss:1.2008439 t_sl_loss:
    2.995715
4637 Epoch:289 batch_num:10 t_c_loss:1.0534103 t_sl_loss
    :2.995715
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4638 Epoch:289 batch_num:11 t_c_loss:1.0512749 t_sl_loss
:2.995715
4639 Epoch:289 batch_num:12 t_c_loss:1.2235978 t_sl_loss
:2.995715
4640 Epoch:289 batch_num:13 t_c_loss:1.5264889 t_sl_loss
:-0.0
4641 epoch_num:289 accuracy_for_train:0.
47126436781609193
4642 epoch_num:289 accuracy_for_test:0.33460076045627374
4643 Epoch:290 batch_num:0 t_c_loss:1.2107198 t_sl_loss:
2.9957151
4644 Epoch:290 batch_num:1 t_c_loss:1.1395596 t_sl_loss:
2.995715
4645 Epoch:290 batch_num:2 t_c_loss:1.0221193 t_sl_loss:
2.995715
4646 Epoch:290 batch_num:3 t_c_loss:1.2514807 t_sl_loss:
2.995715
4647 Epoch:290 batch_num:4 t_c_loss:1.1617669 t_sl_loss:
2.995715
4648 Epoch:290 batch_num:5 t_c_loss:1.1221304 t_sl_loss:
2.995715
4649 Epoch:290 batch_num:6 t_c_loss:1.079224 t_sl_loss:2
.995715
4650 Epoch:290 batch_num:7 t_c_loss:1.0902431 t_sl_loss:
2.995715
4651 Epoch:290 batch_num:8 t_c_loss:1.1611677 t_sl_loss:
2.995715
4652 Epoch:290 batch_num:9 t_c_loss:1.1412013 t_sl_loss:
2.995715
4653 Epoch:290 batch_num:10 t_c_loss:1.3838153 t_sl_loss
:2.995715
4654 Epoch:290 batch_num:11 t_c_loss:0.9966548 t_sl_loss
:2.995715
4655 Epoch:290 batch_num:12 t_c_loss:1.2008586 t_sl_loss
:2.995715
4656 Epoch:290 batch_num:13 t_c_loss:1.6382272 t_sl_loss
:-0.0
4657 epoch_num:290 accuracy_for_train:0.4444444444444444
4658 epoch_num:290 accuracy_for_test:0.3193916349809886
4659 Epoch:291 batch_num:0 t_c_loss:0.9934608 t_sl_loss:
2.995715
```

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4660 Epoch:291 batch_num:1 t_c_loss:1.3038023 t_sl_loss:
    2.995715
4661 Epoch:291 batch_num:2 t_c_loss:1.2052084 t_sl_loss:
    2.995715
4662 Epoch:291 batch_num:3 t_c_loss:1.3843096 t_sl_loss:
    2.995715
4663 Epoch:291 batch_num:4 t_c_loss:1.0810978 t_sl_loss:
    2.995715
4664 Epoch:291 batch_num:5 t_c_loss:1.1751287 t_sl_loss:
    2.995715
4665 Epoch:291 batch_num:6 t_c_loss:1.0826254 t_sl_loss:
    2.995715
4666 Epoch:291 batch_num:7 t_c_loss:1.3284646 t_sl_loss:
    2.995715
4667 Epoch:291 batch_num:8 t_c_loss:1.1257918 t_sl_loss:
    2.995715
4668 Epoch:291 batch_num:9 t_c_loss:1.252158 t_sl_loss:2
    .995715
4669 Epoch:291 batch_num:10 t_c_loss:1.1244318 t_sl_loss
    :2.995715
4670 Epoch:291 batch_num:11 t_c_loss:0.9892662 t_sl_loss
    :2.995715
4671 Epoch:291 batch_num:12 t_c_loss:1.119788 t_sl_loss:
    2.995715
4672 Epoch:291 batch_num:13 t_c_loss:1.237016 t_sl_loss
    :-0.0
4673 epoch_num:291 accuracy_for_train:0.
    46360153256704983
4674 epoch_num:291 accuracy_for_test:0.34220532319391633
4675 Epoch:292 batch_num:0 t_c_loss:1.0409251 t_sl_loss:
    2.995715
4676 Epoch:292 batch_num:1 t_c_loss:1.0923511 t_sl_loss:
    2.995715
4677 Epoch:292 batch_num:2 t_c_loss:0.9748141 t_sl_loss:
    2.995715
4678 Epoch:292 batch_num:3 t_c_loss:1.1264884 t_sl_loss:
    2.995715
4679 Epoch:292 batch_num:4 t_c_loss:1.2783325 t_sl_loss:
    2.995715
4680 Epoch:292 batch_num:5 t_c_loss:1.1995909 t_sl_loss:
    2.995715
```



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4681 Epoch:292 batch_num:6 t_c_loss:1.037972 t_sl_loss:2
    .995715
4682 Epoch:292 batch_num:7 t_c_loss:1.125463 t_sl_loss:2
    .995715
4683 Epoch:292 batch_num:8 t_c_loss:1.0701354 t_sl_loss:
    2.995715
4684 Epoch:292 batch_num:9 t_c_loss:1.2041763 t_sl_loss:
    2.995715
4685 Epoch:292 batch_num:10 t_c_loss:1.2111545 t_sl_loss
    :2.995715
4686 Epoch:292 batch_num:11 t_c_loss:1.372093 t_sl_loss:
    2.995715
4687 Epoch:292 batch_num:12 t_c_loss:1.2985581 t_sl_loss
    :2.995715
4688 Epoch:292 batch_num:13 t_c_loss:1.5790182 t_sl_loss
    :-0.0
4689 epoch_num:292 accuracy_for_train:0.4521072796934866
4690 epoch_num:292 accuracy_for_test:0.3193916349809886
4691 Epoch:293 batch_num:0 t_c_loss:1.2007334 t_sl_loss:
    2.995715
4692 Epoch:293 batch_num:1 t_c_loss:0.9908592 t_sl_loss:
    2.995715
4693 Epoch:293 batch_num:2 t_c_loss:1.0287536 t_sl_loss:
    2.995715
4694 Epoch:293 batch_num:3 t_c_loss:1.0514772 t_sl_loss:
    2.995715
4695 Epoch:293 batch_num:4 t_c_loss:1.1844689 t_sl_loss:
    2.995715
4696 Epoch:293 batch_num:5 t_c_loss:0.98661107 t_sl_loss
    :2.995715
4697 Epoch:293 batch_num:6 t_c_loss:1.3202004 t_sl_loss:
    2.995715
4698 Epoch:293 batch_num:7 t_c_loss:1.1237252 t_sl_loss:
    2.995715
4699 Epoch:293 batch_num:8 t_c_loss:1.1534481 t_sl_loss:
    2.995715
4700 Epoch:293 batch_num:9 t_c_loss:1.2866176 t_sl_loss:
    2.995715
4701 Epoch:293 batch_num:10 t_c_loss:1.0564725 t_sl_loss
    :2.995715
4702 Epoch:293 batch_num:11 t_c_loss:1.3190157 t_sl_loss
```

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4702 :2.995715
4703 Epoch:293 batch_num:12 t_c_loss:1.2199963 t_sl_loss
      :2.995715
4704 Epoch:293 batch_num:13 t_c_loss:1.2685511 t_sl_loss
      :-0.0
4705 epoch_num:293 accuracy_for_train:0.4674329501915709
4706 epoch_num:293 accuracy_for_test:0.3231939163498099
4707 Epoch:294 batch_num:0 t_c_loss:0.9983509 t_sl_loss:
      2.995715
4708 Epoch:294 batch_num:1 t_c_loss:1.0154808 t_sl_loss:
      2.995715
4709 Epoch:294 batch_num:2 t_c_loss:1.1449106 t_sl_loss:
      2.995715
4710 Epoch:294 batch_num:3 t_c_loss:1.2197487 t_sl_loss:
      2.995715
4711 Epoch:294 batch_num:4 t_c_loss:1.3204464 t_sl_loss:
      2.995715
4712 Epoch:294 batch_num:5 t_c_loss:0.964553 t_sl_loss:2
      .995715
4713 Epoch:294 batch_num:6 t_c_loss:1.058224 t_sl_loss:2
      .995715
4714 Epoch:294 batch_num:7 t_c_loss:1.0975734 t_sl_loss:
      2.995715
4715 Epoch:294 batch_num:8 t_c_loss:1.3305104 t_sl_loss:
      2.995715
4716 Epoch:294 batch_num:9 t_c_loss:1.1902955 t_sl_loss:
      2.9957147
4717 Epoch:294 batch_num:10 t_c_loss:1.2278554 t_sl_loss
      :2.995715
4718 Epoch:294 batch_num:11 t_c_loss:1.1166737 t_sl_loss
      :2.995715
4719 Epoch:294 batch_num:12 t_c_loss:1.2031276 t_sl_loss
      :2.9957318
4720 Epoch:294 batch_num:13 t_c_loss:1.2277026 t_sl_loss
      :-0.0
4721 epoch_num:294 accuracy_for_train:0.
      47126436781609193
4722 epoch_num:294 accuracy_for_test:0.3193916349809886
4723 Epoch:295 batch_num:0 t_c_loss:1.0778105 t_sl_loss:
      2.995715
4724 Epoch:295 batch_num:1 t_c_loss:1.0211765 t_sl_loss:
```

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4724 2.995715
4725 Epoch:295 batch_num:2 t_c_loss:1.1339704 t_sl_loss:
    2.9957154
4726 Epoch:295 batch_num:3 t_c_loss:1.0385511 t_sl_loss:
    2.995715
4727 Epoch:295 batch_num:4 t_c_loss:1.023768 t_sl_loss:2
    .995715
4728 Epoch:295 batch_num:5 t_c_loss:1.289757 t_sl_loss:2
    .995715
4729 Epoch:295 batch_num:6 t_c_loss:1.2000502 t_sl_loss:
    2.995715
4730 Epoch:295 batch_num:7 t_c_loss:1.0421674 t_sl_loss:
    2.995715
4731 Epoch:295 batch_num:8 t_c_loss:1.192832 t_sl_loss:2
    .995715
4732 Epoch:295 batch_num:9 t_c_loss:1.1396123 t_sl_loss:
    2.995715
4733 Epoch:295 batch_num:10 t_c_loss:1.3927237 t_sl_loss
    :2.995715
4734 Epoch:295 batch_num:11 t_c_loss:1.2130035 t_sl_loss
    :2.995715
4735 Epoch:295 batch_num:12 t_c_loss:1.246949 t_sl_loss:
    2.995715
4736 Epoch:295 batch_num:13 t_c_loss:1.2654966 t_sl_loss
    :-0.0
4737 epoch_num:295 accuracy_for_train:0.
    47126436781609193
4738 epoch_num:295 accuracy_for_test:0.33840304182509506
4739 Epoch:296 batch_num:0 t_c_loss:1.293185 t_sl_loss:2
    .995715
4740 Epoch:296 batch_num:1 t_c_loss:1.3950258 t_sl_loss:
    2.995715
4741 Epoch:296 batch_num:2 t_c_loss:1.425413 t_sl_loss:2
    .995715
4742 Epoch:296 batch_num:3 t_c_loss:1.0807796 t_sl_loss:
    2.995715
4743 Epoch:296 batch_num:4 t_c_loss:1.035036 t_sl_loss:2
    .995715
4744 Epoch:296 batch_num:5 t_c_loss:0.838208 t_sl_loss:2
    .995715
4745 Epoch:296 batch_num:6 t_c_loss:1.160494 t_sl_loss:2
```

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4745 .995715
4746 Epoch:296 batch_num:7 t_c_loss:1.3337667 t_sl_loss:
      2.995715
4747 Epoch:296 batch_num:8 t_c_loss:1.1649086 t_sl_loss:
      2.995715
4748 Epoch:296 batch_num:9 t_c_loss:1.0975362 t_sl_loss:
      2.995715
4749 Epoch:296 batch_num:10 t_c_loss:1.167663 t_sl_loss:
      2.995715
4750 Epoch:296 batch_num:11 t_c_loss:1.0517622 t_sl_loss
      :2.995715
4751 Epoch:296 batch_num:12 t_c_loss:1.122361 t_sl_loss:
      2.995715
4752 Epoch:296 batch_num:13 t_c_loss:1.2663885 t_sl_loss
      :-0.0
4753 epoch_num:296 accuracy_for_train:0.
      46360153256704983
4754 epoch_num:296 accuracy_for_test:0.33460076045627374
4755 Epoch:297 batch_num:0 t_c_loss:1.0921454 t_sl_loss:
      2.995715
4756 Epoch:297 batch_num:1 t_c_loss:1.0951899 t_sl_loss:
      2.995715
4757 Epoch:297 batch_num:2 t_c_loss:1.1845711 t_sl_loss:
      2.995715
4758 Epoch:297 batch_num:3 t_c_loss:1.1512263 t_sl_loss:
      2.9957147
4759 Epoch:297 batch_num:4 t_c_loss:1.0422637 t_sl_loss:
      2.995715
4760 Epoch:297 batch_num:5 t_c_loss:1.1337348 t_sl_loss:
      2.995715
4761 Epoch:297 batch_num:6 t_c_loss:1.2396876 t_sl_loss:
      2.995715
4762 Epoch:297 batch_num:7 t_c_loss:1.313792 t_sl_loss:2
      .995715
4763 Epoch:297 batch_num:8 t_c_loss:1.067332 t_sl_loss:2
      .995715
4764 Epoch:297 batch_num:9 t_c_loss:1.0642049 t_sl_loss:
      2.995715
4765 Epoch:297 batch_num:10 t_c_loss:1.1480647 t_sl_loss
      :2.995715
4766 Epoch:297 batch_num:11 t_c_loss:1.2328794 t_sl_loss
```

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4766 :2.995715
4767 Epoch:297 batch_num:12 t_c_loss:1.0565653 t_sl_loss
    :2.995715
4768 Epoch:297 batch_num:13 t_c_loss:1.1291513 t_sl_loss
    :-0.0
4769 epoch_num:297 accuracy_for_train:0.
    46360153256704983
4770 epoch_num:297 accuracy_for_test:0.33840304182509506
4771 Epoch:298 batch_num:0 t_c_loss:1.2107513 t_sl_loss:
    2.995715
4772 Epoch:298 batch_num:1 t_c_loss:1.1770605 t_sl_loss:
    2.995715
4773 Epoch:298 batch_num:2 t_c_loss:1.4726528 t_sl_loss:
    2.995715
4774 Epoch:298 batch_num:3 t_c_loss:1.2814182 t_sl_loss:
    2.995715
4775 Epoch:298 batch_num:4 t_c_loss:1.128451 t_sl_loss:2
    .995715
4776 Epoch:298 batch_num:5 t_c_loss:1.0778928 t_sl_loss:
    2.995715
4777 Epoch:298 batch_num:6 t_c_loss:1.1028032 t_sl_loss:
    2.995715
4778 Epoch:298 batch_num:7 t_c_loss:1.1944675 t_sl_loss:
    2.995715
4779 Epoch:298 batch_num:8 t_c_loss:1.081624 t_sl_loss:2
    .995715
4780 Epoch:298 batch_num:9 t_c_loss:1.0871961 t_sl_loss:
    2.995715
4781 Epoch:298 batch_num:10 t_c_loss:1.164248 t_sl_loss:
    2.995715
4782 Epoch:298 batch_num:11 t_c_loss:1.0549341 t_sl_loss
    :2.995715
4783 Epoch:298 batch_num:12 t_c_loss:1.1138877 t_sl_loss
    :2.995715
4784 Epoch:298 batch_num:13 t_c_loss:1.4944345 t_sl_loss
    :-0.0
4785 epoch_num:298 accuracy_for_train:0.4559386973180077
4786 epoch_num:298 accuracy_for_test:0.33460076045627374
4787 Epoch:299 batch_num:0 t_c_loss:0.96034014 t_sl_loss
    :2.995715
4788 Epoch:299 batch_num:1 t_c_loss:1.3932619 t_sl_loss:
```

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4788 2.995715
4789 Epoch:299 batch_num:2 t_c_loss:1.0914434 t_sl_loss:
    2.995715
4790 Epoch:299 batch_num:3 t_c_loss:1.256569 t_sl_loss:2
    .995715
4791 Epoch:299 batch_num:4 t_c_loss:1.3457571 t_sl_loss:
    2.995715
4792 Epoch:299 batch_num:5 t_c_loss:1.1102222 t_sl_loss:
    2.995715
4793 Epoch:299 batch_num:6 t_c_loss:1.2037508 t_sl_loss:
    2.9957147
4794 Epoch:299 batch_num:7 t_c_loss:0.99854743 t_sl_loss
    :2.995715
4795 Epoch:299 batch_num:8 t_c_loss:1.0362374 t_sl_loss:
    2.995715
4796 Epoch:299 batch_num:9 t_c_loss:1.2928212 t_sl_loss:
    2.995715
4797 Epoch:299 batch_num:10 t_c_loss:1.0654615 t_sl_loss
    :2.995715
4798 Epoch:299 batch_num:11 t_c_loss:1.2175132 t_sl_loss
    :2.995715
4799 Epoch:299 batch_num:12 t_c_loss:1.1078085 t_sl_loss
    :2.995715
4800 Epoch:299 batch_num:13 t_c_loss:1.2409186 t_sl_loss
    :-0.0
4801 epoch_num:299 accuracy_for_train:0.4521072796934866
4802 epoch_num:299 accuracy_for_test:0.33460076045627374
4803 Epoch:300 batch_num:0 t_c_loss:0.9847609 t_sl_loss:
    2.9957178
4804 Epoch:300 batch_num:1 t_c_loss:1.0418555 t_sl_loss:
    2.9965682
4805 Epoch:300 batch_num:2 t_c_loss:1.2212913 t_sl_loss:
    2.995715
4806 Epoch:300 batch_num:3 t_c_loss:1.3523554 t_sl_loss:
    2.995715
4807 Epoch:300 batch_num:4 t_c_loss:1.1524167 t_sl_loss:
    2.995715
4808 Epoch:300 batch_num:5 t_c_loss:1.0846498 t_sl_loss:
    2.995715
4809 Epoch:300 batch_num:6 t_c_loss:1.1110067 t_sl_loss:
    2.995715
```

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4810 Epoch:300 batch_num:7 t_c_loss:1.2260423 t_sl_loss:
    2.9957151
4811 Epoch:300 batch_num:8 t_c_loss:1.225049 t_sl_loss:2
    .995715
4812 Epoch:300 batch_num:9 t_c_loss:1.1731763 t_sl_loss:
    2.995715
4813 Epoch:300 batch_num:10 t_c_loss:1.0337272 t_sl_loss
    :2.995715
4814 Epoch:300 batch_num:11 t_c_loss:1.1699438 t_sl_loss
    :2.995715
4815 Epoch:300 batch_num:12 t_c_loss:1.2483985 t_sl_loss
    :2.995715
4816 Epoch:300 batch_num:13 t_c_loss:1.0890863 t_sl_loss
    :-0.0
4817 epoch_num:300 accuracy_for_train:0.4559386973180077
4818 epoch_num:300 accuracy_for_test:0.33840304182509506
4819 Epoch:301 batch_num:0 t_c_loss:0.95891124 t_sl_loss
    :2.995715
4820 Epoch:301 batch_num:1 t_c_loss:1.197148 t_sl_loss:2
    .995715
4821 Epoch:301 batch_num:2 t_c_loss:1.0453343 t_sl_loss:
    2.995715
4822 Epoch:301 batch_num:3 t_c_loss:1.0337704 t_sl_loss:
    2.995715
4823 Epoch:301 batch_num:4 t_c_loss:1.3015201 t_sl_loss:
    2.995715
4824 Epoch:301 batch_num:5 t_c_loss:1.1780707 t_sl_loss:
    2.995715
4825 Epoch:301 batch_num:6 t_c_loss:1.182965 t_sl_loss:2
    .995715
4826 Epoch:301 batch_num:7 t_c_loss:1.1008524 t_sl_loss:
    2.9957151
4827 Epoch:301 batch_num:8 t_c_loss:1.4349662 t_sl_loss:
    2.995715
4828 Epoch:301 batch_num:9 t_c_loss:1.1815877 t_sl_loss:
    2.995715
4829 Epoch:301 batch_num:10 t_c_loss:1.0596287 t_sl_loss
    :2.995715
4830 Epoch:301 batch_num:11 t_c_loss:1.1627138 t_sl_loss
    :2.995715
4831 Epoch:301 batch_num:12 t_c_loss:1.18843 t_sl_loss:2
```

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4831 .995715
4832 Epoch:301 batch_num:13 t_c_loss:1.5767715 t_sl_loss
      :-0.0
4833 epoch_num:301 accuracy_for_train:0.4482758620689655
4834 epoch_num:301 accuracy_for_test:0.3193916349809886
4835 Epoch:302 batch_num:0 t_c_loss:1.1911039 t_sl_loss:
      2.995715
4836 Epoch:302 batch_num:1 t_c_loss:0.9844035 t_sl_loss:
      2.995715
4837 Epoch:302 batch_num:2 t_c_loss:1.1771129 t_sl_loss:
      2.995715
4838 Epoch:302 batch_num:3 t_c_loss:1.2574279 t_sl_loss:
      2.995715
4839 Epoch:302 batch_num:4 t_c_loss:0.99833834 t_sl_loss
      :2.995715
4840 Epoch:302 batch_num:5 t_c_loss:1.217344 t_sl_loss:2
      .995715
4841 Epoch:302 batch_num:6 t_c_loss:0.98816377 t_sl_loss
      :2.995715
4842 Epoch:302 batch_num:7 t_c_loss:1.2127488 t_sl_loss:
      2.995715
4843 Epoch:302 batch_num:8 t_c_loss:1.3187871 t_sl_loss:
      2.995715
4844 Epoch:302 batch_num:9 t_c_loss:1.0441496 t_sl_loss:
      2.995715
4845 Epoch:302 batch_num:10 t_c_loss:0.9905132 t_sl_loss
      :2.995715
4846 Epoch:302 batch_num:11 t_c_loss:1.2382851 t_sl_loss
      :2.995715
4847 Epoch:302 batch_num:12 t_c_loss:1.2725645 t_sl_loss
      :2.995715
4848 Epoch:302 batch_num:13 t_c_loss:1.6014336 t_sl_loss
      :-0.0
4849 epoch_num:302 accuracy_for_train:0.
      41762452107279696
4850 epoch_num:302 accuracy_for_test:0.30798479087452474
4851 Epoch:303 batch_num:0 t_c_loss:1.2797222 t_sl_loss:
      2.995715
4852 Epoch:303 batch_num:1 t_c_loss:1.0297197 t_sl_loss:
      2.995715
4853 Epoch:303 batch_num:2 t_c_loss:1.033212 t_sl_loss:2
```



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4853 .995715
4854 Epoch:303 batch_num:3 t_c_loss:1.0560606 t_sl_loss:
      2.995715
4855 Epoch:303 batch_num:4 t_c_loss:0.9402393 t_sl_loss:
      2.995715
4856 Epoch:303 batch_num:5 t_c_loss:1.2177973 t_sl_loss:
      2.995715
4857 Epoch:303 batch_num:6 t_c_loss:1.3828113 t_sl_loss:
      2.995715
4858 Epoch:303 batch_num:7 t_c_loss:1.1716819 t_sl_loss:
      2.995715
4859 Epoch:303 batch_num:8 t_c_loss:1.1205215 t_sl_loss:
      2.995715
4860 Epoch:303 batch_num:9 t_c_loss:1.2203859 t_sl_loss:
      2.995715
4861 Epoch:303 batch_num:10 t_c_loss:1.2131189 t_sl_loss
      :2.995715
4862 Epoch:303 batch_num:11 t_c_loss:1.2267091 t_sl_loss
      :2.995715
4863 Epoch:303 batch_num:12 t_c_loss:1.3200885 t_sl_loss
      :2.995715
4864 Epoch:303 batch_num:13 t_c_loss:1.4979562 t_sl_loss
      :-0.0
4865 epoch_num:303 accuracy_for_train:0.
      39846743295019155
4866 epoch_num:303 accuracy_for_test:0.34220532319391633
4867 Epoch:304 batch_num:0 t_c_loss:1.2686365 t_sl_loss:
      2.995715
4868 Epoch:304 batch_num:1 t_c_loss:1.1104896 t_sl_loss:
      2.995715
4869 Epoch:304 batch_num:2 t_c_loss:1.2389851 t_sl_loss:
      2.995715
4870 Epoch:304 batch_num:3 t_c_loss:1.0236064 t_sl_loss:
      2.995715
4871 Epoch:304 batch_num:4 t_c_loss:1.1541301 t_sl_loss:
      2.995715
4872 Epoch:304 batch_num:5 t_c_loss:1.001456 t_sl_loss:2
      .995715
4873 Epoch:304 batch_num:6 t_c_loss:1.2946428 t_sl_loss:
      2.995715
4874 Epoch:304 batch_num:7 t_c_loss:1.037709 t_sl_loss:2
```

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4874 .995715
4875 Epoch:304 batch_num:8 t_c_loss:1.0715734 t_sl_loss:
    2.995715
4876 Epoch:304 batch_num:9 t_c_loss:1.2515042 t_sl_loss:
    2.995715
4877 Epoch:304 batch_num:10 t_c_loss:1.0790675 t_sl_loss
    :2.995715
4878 Epoch:304 batch_num:11 t_c_loss:1.1162015 t_sl_loss
    :2.995715
4879 Epoch:304 batch_num:12 t_c_loss:1.3034832 t_sl_loss
    :2.995715
4880 Epoch:304 batch_num:13 t_c_loss:1.4288754 t_sl_loss
    :-0.0
4881 epoch_num:304 accuracy_for_train:0.
    46360153256704983
4882 epoch_num:304 accuracy_for_test:0.3155893536121673
4883 Epoch:305 batch_num:0 t_c_loss:1.2325262 t_sl_loss:
    2.995715
4884 Epoch:305 batch_num:1 t_c_loss:1.3717418 t_sl_loss:
    2.995715
4885 Epoch:305 batch_num:2 t_c_loss:1.179933 t_sl_loss:2
    .995715
4886 Epoch:305 batch_num:3 t_c_loss:1.1074902 t_sl_loss:
    2.995715
4887 Epoch:305 batch_num:4 t_c_loss:0.98643416 t_sl_loss
    :2.995715
4888 Epoch:305 batch_num:5 t_c_loss:1.1728003 t_sl_loss:
    2.995715
4889 Epoch:305 batch_num:6 t_c_loss:1.1459768 t_sl_loss:
    2.995715
4890 Epoch:305 batch_num:7 t_c_loss:1.1759802 t_sl_loss:
    2.995715
4891 Epoch:305 batch_num:8 t_c_loss:1.0953462 t_sl_loss:
    2.995715
4892 Epoch:305 batch_num:9 t_c_loss:1.2691205 t_sl_loss:
    2.995715
4893 Epoch:305 batch_num:10 t_c_loss:0.95553744
    t_sl_loss:2.995715
4894 Epoch:305 batch_num:11 t_c_loss:1.1999428 t_sl_loss
    :2.995715
4895 Epoch:305 batch_num:12 t_c_loss:1.1530457 t_sl_loss
```

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4895 :2.995715
4896 Epoch:305 batch_num:13 t_c_loss:1.0966219 t_sl_loss
      :-0.0
4897 epoch_num:305 accuracy_for_train:0.
      47126436781609193
4898 epoch_num:305 accuracy_for_test:0.3155893536121673
4899 Epoch:306 batch_num:0 t_c_loss:1.1705679 t_sl_loss:
      2.995715
4900 Epoch:306 batch_num:1 t_c_loss:1.0211002 t_sl_loss:
      2.995715
4901 Epoch:306 batch_num:2 t_c_loss:1.189899 t_sl_loss:2
      .995715
4902 Epoch:306 batch_num:3 t_c_loss:1.1158681 t_sl_loss:
      2.995715
4903 Epoch:306 batch_num:4 t_c_loss:1.048974 t_sl_loss:2
      .995715
4904 Epoch:306 batch_num:5 t_c_loss:1.1264441 t_sl_loss:
      2.995715
4905 Epoch:306 batch_num:6 t_c_loss:1.304768 t_sl_loss:2
      .995715
4906 Epoch:306 batch_num:7 t_c_loss:1.0971572 t_sl_loss:
      2.995715
4907 Epoch:306 batch_num:8 t_c_loss:1.3700187 t_sl_loss:
      2.995715
4908 Epoch:306 batch_num:9 t_c_loss:1.1376241 t_sl_loss:
      2.995715
4909 Epoch:306 batch_num:10 t_c_loss:1.1096075 t_sl_loss
      :2.995715
4910 Epoch:306 batch_num:11 t_c_loss:1.1241891 t_sl_loss
      :2.995715
4911 Epoch:306 batch_num:12 t_c_loss:1.0543774 t_sl_loss
      :2.995715
4912 Epoch:306 batch_num:13 t_c_loss:1.3700743 t_sl_loss
      :-0.0
4913 epoch_num:306 accuracy_for_train:0.
      47509578544061304
4914 epoch_num:306 accuracy_for_test:0.3193916349809886
4915 Epoch:307 batch_num:0 t_c_loss:1.018956 t_sl_loss:2
      .9957824
4916 Epoch:307 batch_num:1 t_c_loss:1.1987897 t_sl_loss:
      2.995715
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4917 Epoch:307 batch_num:2 t_c_loss:1.2371783 t_sl_loss:
    2.995715
4918 Epoch:307 batch_num:3 t_c_loss:1.0119228 t_sl_loss:
    2.995715
4919 Epoch:307 batch_num:4 t_c_loss:1.1214786 t_sl_loss:
    2.995715
4920 Epoch:307 batch_num:5 t_c_loss:1.0251048 t_sl_loss:
    2.995715
4921 Epoch:307 batch_num:6 t_c_loss:1.0541948 t_sl_loss:
    2.995715
4922 Epoch:307 batch_num:7 t_c_loss:1.1254761 t_sl_loss:
    2.995715
4923 Epoch:307 batch_num:8 t_c_loss:1.1651932 t_sl_loss:
    2.995715
4924 Epoch:307 batch_num:9 t_c_loss:0.9958577 t_sl_loss:
    2.995715
4925 Epoch:307 batch_num:10 t_c_loss:1.4326681 t_sl_loss
:2.995715
4926 Epoch:307 batch_num:11 t_c_loss:1.1457013 t_sl_loss
:2.995715
4927 Epoch:307 batch_num:12 t_c_loss:1.1753924 t_sl_loss
:2.995715
4928 Epoch:307 batch_num:13 t_c_loss:1.2789692 t_sl_loss
:-0.0
4929 epoch_num:307 accuracy_for_train:0.
    45977011494252873
4930 epoch_num:307 accuracy_for_test:0.33079847908745247
4931 Epoch:308 batch_num:0 t_c_loss:1.1372656 t_sl_loss:
    2.995715
4932 Epoch:308 batch_num:1 t_c_loss:1.0600215 t_sl_loss:
    2.995715
4933 Epoch:308 batch_num:2 t_c_loss:1.054703 t_sl_loss:2
    .995715
4934 Epoch:308 batch_num:3 t_c_loss:1.1400411 t_sl_loss:
    2.995715
4935 Epoch:308 batch_num:4 t_c_loss:1.1234401 t_sl_loss:
    2.995715
4936 Epoch:308 batch_num:5 t_c_loss:0.92453367 t_sl_loss
:2.995715
4937 Epoch:308 batch_num:6 t_c_loss:1.2192004 t_sl_loss:
    2.995715
```

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4938 Epoch:308 batch_num:7 t_c_loss:1.3755243 t_sl_loss:
    2.995715
4939 Epoch:308 batch_num:8 t_c_loss:1.1489019 t_sl_loss:
    2.995715
4940 Epoch:308 batch_num:9 t_c_loss:1.0913348 t_sl_loss:
    2.995715
4941 Epoch:308 batch_num:10 t_c_loss:1.1699193 t_sl_loss
    :2.995715
4942 Epoch:308 batch_num:11 t_c_loss:1.0696214 t_sl_loss
    :2.995715
4943 Epoch:308 batch_num:12 t_c_loss:1.255831 t_sl_loss:
    2.995715
4944 Epoch:308 batch_num:13 t_c_loss:1.5114076 t_sl_loss
    :-0.0
4945 epoch_num:308 accuracy_for_train:0.
    42528735632183906
4946 epoch_num:308 accuracy_for_test:0.3193916349809886
4947 Epoch:309 batch_num:0 t_c_loss:1.0856135 t_sl_loss:
    2.995715
4948 Epoch:309 batch_num:1 t_c_loss:1.3725367 t_sl_loss:
    2.995715
4949 Epoch:309 batch_num:2 t_c_loss:1.1437848 t_sl_loss:
    2.995715
4950 Epoch:309 batch_num:3 t_c_loss:1.1808386 t_sl_loss:
    2.995715
4951 Epoch:309 batch_num:4 t_c_loss:1.2684286 t_sl_loss:
    2.995715
4952 Epoch:309 batch_num:5 t_c_loss:1.0710717 t_sl_loss:
    2.995715
4953 Epoch:309 batch_num:6 t_c_loss:1.2014917 t_sl_loss:
    2.995715
4954 Epoch:309 batch_num:7 t_c_loss:1.1638023 t_sl_loss:
    2.995715
4955 Epoch:309 batch_num:8 t_c_loss:1.1231952 t_sl_loss:
    2.995715
4956 Epoch:309 batch_num:9 t_c_loss:1.110464 t_sl_loss:2
    .995715
4957 Epoch:309 batch_num:10 t_c_loss:0.9523195 t_sl_loss
    :2.995715
4958 Epoch:309 batch_num:11 t_c_loss:1.0198603 t_sl_loss
    :2.995715
```

```
4959 Epoch:309 batch_num:12 t_c_loss:1.1358311 t_sl_loss
:2.995715
4960 Epoch:309 batch_num:13 t_c_loss:1.1124266 t_sl_loss
:-0.0
4961 epoch_num:309 accuracy_for_train:0.
47126436781609193
4962 epoch_num:309 accuracy_for_test:0.34220532319391633
4963 Epoch:310 batch_num:0 t_c_loss:1.010234 t_sl_loss:2
.995715
4964 Epoch:310 batch_num:1 t_c_loss:1.2430801 t_sl_loss:
2.995715
4965 Epoch:310 batch_num:2 t_c_loss:1.3468516 t_sl_loss:
2.995715
4966 Epoch:310 batch_num:3 t_c_loss:1.0558212 t_sl_loss:
2.995715
4967 Epoch:310 batch_num:4 t_c_loss:1.0471543 t_sl_loss:
2.995715
4968 Epoch:310 batch_num:5 t_c_loss:1.2444429 t_sl_loss:
2.995715
4969 Epoch:310 batch_num:6 t_c_loss:1.2569287 t_sl_loss:
2.995715
4970 Epoch:310 batch_num:7 t_c_loss:1.1517044 t_sl_loss:
2.995715
4971 Epoch:310 batch_num:8 t_c_loss:1.2535112 t_sl_loss:
2.995715
4972 Epoch:310 batch_num:9 t_c_loss:1.0313966 t_sl_loss:
2.995715
4973 Epoch:310 batch_num:10 t_c_loss:1.1587261 t_sl_loss
:2.995715
4974 Epoch:310 batch_num:11 t_c_loss:1.0891759 t_sl_loss
:2.9957151
4975 Epoch:310 batch_num:12 t_c_loss:1.2308514 t_sl_loss
:2.995715
4976 Epoch:310 batch_num:13 t_c_loss:1.8116632 t_sl_loss
:-0.0
4977 epoch_num:310 accuracy_for_train:0.
45977011494252873
4978 epoch_num:310 accuracy_for_test:0.34980988593155893
4979 Epoch:311 batch_num:0 t_c_loss:1.1723835 t_sl_loss:
2.995715
4980 Epoch:311 batch_num:1 t_c_loss:1.2021515 t_sl_loss:
```

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4980 2.995715
4981 Epoch:311 batch_num:2 t_c_loss:1.1979902 t_sl_loss:
      2.995715
4982 Epoch:311 batch_num:3 t_c_loss:1.0942285 t_sl_loss:
      2.995715
4983 Epoch:311 batch_num:4 t_c_loss:1.0269786 t_sl_loss:
      2.995715
4984 Epoch:311 batch_num:5 t_c_loss:1.2828016 t_sl_loss:
      2.995715
4985 Epoch:311 batch_num:6 t_c_loss:1.0301273 t_sl_loss:
      2.995715
4986 Epoch:311 batch_num:7 t_c_loss:1.1480243 t_sl_loss:
      2.9957151
4987 Epoch:311 batch_num:8 t_c_loss:1.1372819 t_sl_loss:
      2.995715
4988 Epoch:311 batch_num:9 t_c_loss:1.3209156 t_sl_loss:
      2.995715
4989 Epoch:311 batch_num:10 t_c_loss:1.3325055 t_sl_loss
      :2.995715
4990 Epoch:311 batch_num:11 t_c_loss:1.1851867 t_sl_loss
      :2.995715
4991 Epoch:311 batch_num:12 t_c_loss:1.0283458 t_sl_loss
      :2.995715
4992 Epoch:311 batch_num:13 t_c_loss:1.5079976 t_sl_loss
      :-0.0
4993 epoch_num:311 accuracy_for_train:0.4367816091954023
4994 epoch_num:311 accuracy_for_test:0.30798479087452474
4995 Epoch:312 batch_num:0 t_c_loss:1.3061429 t_sl_loss:
      2.995715
4996 Epoch:312 batch_num:1 t_c_loss:1.2647672 t_sl_loss:
      2.995715
4997 Epoch:312 batch_num:2 t_c_loss:1.0671058 t_sl_loss:
      2.995715
4998 Epoch:312 batch_num:3 t_c_loss:1.1055795 t_sl_loss:
      2.995715
4999 Epoch:312 batch_num:4 t_c_loss:0.9302403 t_sl_loss:
      2.995715
5000 Epoch:312 batch_num:5 t_c_loss:1.2318482 t_sl_loss:
      2.995715
5001 Epoch:312 batch_num:6 t_c_loss:1.2194856 t_sl_loss:
      2.995715
```

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5002 Epoch:312 batch_num:7 t_c_loss:1.302155 t_sl_loss:2
    .995715
5003 Epoch:312 batch_num:8 t_c_loss:1.3569063 t_sl_loss:
    2.995715
5004 Epoch:312 batch_num:9 t_c_loss:1.0178791 t_sl_loss:
    2.995715
5005 Epoch:312 batch_num:10 t_c_loss:1.1545112 t_sl_loss
    :2.995715
5006 Epoch:312 batch_num:11 t_c_loss:1.18579 t_sl_loss:2
    .995715
5007 Epoch:312 batch_num:12 t_c_loss:1.1945744 t_sl_loss
    :2.995715
5008 Epoch:312 batch_num:13 t_c_loss:1.3147663 t_sl_loss
    :-0.0
5009 epoch_num:312 accuracy_for_train:0.4827586206896552
5010 epoch_num:312 accuracy_for_test:0.3231939163498099
5011 Epoch:313 batch_num:0 t_c_loss:1.1502001 t_sl_loss:
    2.995715
5012 Epoch:313 batch_num:1 t_c_loss:1.1649199 t_sl_loss:
    2.995715
5013 Epoch:313 batch_num:2 t_c_loss:0.9960866 t_sl_loss:
    2.995715
5014 Epoch:313 batch_num:3 t_c_loss:1.1777711 t_sl_loss:
    2.995715
5015 Epoch:313 batch_num:4 t_c_loss:1.1998644 t_sl_loss:
    2.995715
5016 Epoch:313 batch_num:5 t_c_loss:1.1069233 t_sl_loss:
    2.995715
5017 Epoch:313 batch_num:6 t_c_loss:1.3128086 t_sl_loss:
    2.995715
5018 Epoch:313 batch_num:7 t_c_loss:1.0605919 t_sl_loss:
    2.995715
5019 Epoch:313 batch_num:8 t_c_loss:1.2272328 t_sl_loss:
    2.995715
5020 Epoch:313 batch_num:9 t_c_loss:1.1566272 t_sl_loss:
    2.995715
5021 Epoch:313 batch_num:10 t_c_loss:1.0422778 t_sl_loss
    :2.995715
5022 Epoch:313 batch_num:11 t_c_loss:1.2074196 t_sl_loss
    :2.995715
5023 Epoch:313 batch_num:12 t_c_loss:1.1643722 t_sl_loss
```



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5023 :2.995715
5024 Epoch:313 batch_num:13 t_c_loss:1.2820327 t_sl_loss
:-0.0
5025 epoch_num:313 accuracy_for_train:0.
47509578544061304
5026 epoch_num:313 accuracy_for_test:0.33460076045627374
5027 Epoch:314 batch_num:0 t_c_loss:1.0045125 t_sl_loss:
2.995715
5028 Epoch:314 batch_num:1 t_c_loss:0.9702554 t_sl_loss:
2.9957147
5029 Epoch:314 batch_num:2 t_c_loss:1.1448599 t_sl_loss:
2.995715
5030 Epoch:314 batch_num:3 t_c_loss:1.1595699 t_sl_loss:
2.995715
5031 Epoch:314 batch_num:4 t_c_loss:1.1998343 t_sl_loss:
2.995715
5032 Epoch:314 batch_num:5 t_c_loss:1.1404462 t_sl_loss:
2.995715
5033 Epoch:314 batch_num:6 t_c_loss:1.1237549 t_sl_loss:
2.995715
5034 Epoch:314 batch_num:7 t_c_loss:1.1272621 t_sl_loss:
2.995715
5035 Epoch:314 batch_num:8 t_c_loss:1.0492494 t_sl_loss:
2.9957917
5036 Epoch:314 batch_num:9 t_c_loss:1.3058159 t_sl_loss:
2.995715
5037 Epoch:314 batch_num:10 t_c_loss:1.2780491 t_sl_loss
:2.995715
5038 Epoch:314 batch_num:11 t_c_loss:1.2451383 t_sl_loss
:2.995715
5039 Epoch:314 batch_num:12 t_c_loss:1.097398 t_sl_loss:
2.995715
5040 Epoch:314 batch_num:13 t_c_loss:1.0911478 t_sl_loss
:-0.0
5041 epoch_num:314 accuracy_for_train:0.4904214559386973
5042 epoch_num:314 accuracy_for_test:0.3269961977186312
5043 Epoch:315 batch_num:0 t_c_loss:1.1599492 t_sl_loss:
2.995715
5044 Epoch:315 batch_num:1 t_c_loss:1.1849462 t_sl_loss:
2.995715
5045 Epoch:315 batch_num:2 t_c_loss:1.208756 t_sl_loss:2
```

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5045 .995715
5046 Epoch:315 batch_num:3 t_c_loss:1.1632922 t_sl_loss:
      2.995715
5047 Epoch:315 batch_num:4 t_c_loss:1.2470044 t_sl_loss:
      2.995715
5048 Epoch:315 batch_num:5 t_c_loss:1.152858 t_sl_loss:2
      .995715
5049 Epoch:315 batch_num:6 t_c_loss:1.0445362 t_sl_loss:
      2.995715
5050 Epoch:315 batch_num:7 t_c_loss:1.2694609 t_sl_loss:
      2.995715
5051 Epoch:315 batch_num:8 t_c_loss:1.1499885 t_sl_loss:
      2.995715
5052 Epoch:315 batch_num:9 t_c_loss:1.0907495 t_sl_loss:
      2.995715
5053 Epoch:315 batch_num:10 t_c_loss:1.1289198 t_sl_loss
      :2.995715
5054 Epoch:315 batch_num:11 t_c_loss:1.1342578 t_sl_loss
      :2.9957144
5055 Epoch:315 batch_num:12 t_c_loss:1.0808055 t_sl_loss
      :2.995715
5056 Epoch:315 batch_num:13 t_c_loss:1.2922251 t_sl_loss
      :-0.0
5057 epoch_num:315 accuracy_for_train:0.4827586206896552
5058 epoch_num:315 accuracy_for_test:0.33840304182509506
5059 Epoch:316 batch_num:0 t_c_loss:1.2163359 t_sl_loss:
      2.9957151
5060 Epoch:316 batch_num:1 t_c_loss:1.1436687 t_sl_loss:
      2.995715
5061 Epoch:316 batch_num:2 t_c_loss:1.2431178 t_sl_loss:
      2.995715
5062 Epoch:316 batch_num:3 t_c_loss:1.1886568 t_sl_loss:
      2.995715
5063 Epoch:316 batch_num:4 t_c_loss:1.1661401 t_sl_loss:
      2.995715
5064 Epoch:316 batch_num:5 t_c_loss:1.2395844 t_sl_loss:
      2.995715
5065 Epoch:316 batch_num:6 t_c_loss:1.0895704 t_sl_loss:
      2.995715
5066 Epoch:316 batch_num:7 t_c_loss:1.0547802 t_sl_loss:
      2.995715
```

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5067 Epoch:316 batch_num:8 t_c_loss:0.9466065 t_sl_loss:
    2.995715
5068 Epoch:316 batch_num:9 t_c_loss:1.1263022 t_sl_loss:
    2.995715
5069 Epoch:316 batch_num:10 t_c_loss:1.189531 t_sl_loss:
    2.995715
5070 Epoch:316 batch_num:11 t_c_loss:1.122634 t_sl_loss:
    2.995715
5071 Epoch:316 batch_num:12 t_c_loss:1.0963423 t_sl_loss
    :2.995715
5072 Epoch:316 batch_num:13 t_c_loss:1.376519 t_sl_loss
    :-0.0
5073 epoch_num:316 accuracy_for_train:0.4674329501915709
5074 epoch_num:316 accuracy_for_test:0.34600760456273766
5075 Epoch:317 batch_num:0 t_c_loss:1.3669186 t_sl_loss:
    2.995715
5076 Epoch:317 batch_num:1 t_c_loss:1.1573368 t_sl_loss:
    2.995715
5077 Epoch:317 batch_num:2 t_c_loss:1.0986179 t_sl_loss:
    2.995715
5078 Epoch:317 batch_num:3 t_c_loss:1.1716998 t_sl_loss:
    2.995715
5079 Epoch:317 batch_num:4 t_c_loss:1.2553449 t_sl_loss:
    2.995715
5080 Epoch:317 batch_num:5 t_c_loss:1.1697628 t_sl_loss:
    2.995715
5081 Epoch:317 batch_num:6 t_c_loss:1.1404434 t_sl_loss:
    2.995715
5082 Epoch:317 batch_num:7 t_c_loss:1.0837768 t_sl_loss:
    2.995715
5083 Epoch:317 batch_num:8 t_c_loss:1.0465301 t_sl_loss:
    2.995715
5084 Epoch:317 batch_num:9 t_c_loss:1.1152 t_sl_loss:2.
    995715
5085 Epoch:317 batch_num:10 t_c_loss:1.0219977 t_sl_loss
    :2.995715
5086 Epoch:317 batch_num:11 t_c_loss:1.0756232 t_sl_loss
    :2.995715
5087 Epoch:317 batch_num:12 t_c_loss:1.1168785 t_sl_loss
    :2.995715
5088 Epoch:317 batch_num:13 t_c_loss:1.4541926 t_sl_loss
```

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5088 :-0.0
5089 epoch_num:317 accuracy_for_train:0.
    45977011494252873
5090 epoch_num:317 accuracy_for_test:0.33840304182509506
5091 Epoch:318 batch_num:0 t_c_loss:1.1238701 t_sl_loss:
    2.995715
5092 Epoch:318 batch_num:1 t_c_loss:1.2798252 t_sl_loss:
    2.995715
5093 Epoch:318 batch_num:2 t_c_loss:0.92500764 t_sl_loss
    :2.995715
5094 Epoch:318 batch_num:3 t_c_loss:1.1371553 t_sl_loss:
    2.995715
5095 Epoch:318 batch_num:4 t_c_loss:1.2482302 t_sl_loss:
    2.995715
5096 Epoch:318 batch_num:5 t_c_loss:1.0009143 t_sl_loss:
    2.995715
5097 Epoch:318 batch_num:6 t_c_loss:1.1603979 t_sl_loss:
    2.995715
5098 Epoch:318 batch_num:7 t_c_loss:1.2364819 t_sl_loss:
    2.995715
5099 Epoch:318 batch_num:8 t_c_loss:1.235828 t_sl_loss:2
    .995715
5100 Epoch:318 batch_num:9 t_c_loss:1.2790254 t_sl_loss:
    2.995715
5101 Epoch:318 batch_num:10 t_c_loss:1.1290281 t_sl_loss
    :2.995715
5102 Epoch:318 batch_num:11 t_c_loss:1.1091459 t_sl_loss
    :2.995715
5103 Epoch:318 batch_num:12 t_c_loss:1.1646498 t_sl_loss
    :2.995715
5104 Epoch:318 batch_num:13 t_c_loss:1.2794235 t_sl_loss
    :-0.0
5105 epoch_num:318 accuracy_for_train:0.4789272030651341
5106 epoch_num:318 accuracy_for_test:0.33079847908745247
5107 Epoch:319 batch_num:0 t_c_loss:1.1697699 t_sl_loss:
    2.995715
5108 Epoch:319 batch_num:1 t_c_loss:1.1281655 t_sl_loss:
    2.995715
5109 Epoch:319 batch_num:2 t_c_loss:1.2219894 t_sl_loss:
    2.995715
5110 Epoch:319 batch_num:3 t_c_loss:1.299763 t_sl_loss:2
```

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5110 .995715
5111 Epoch:319 batch_num:4 t_c_loss:1.2665032 t_sl_loss:
      2.995715
5112 Epoch:319 batch_num:5 t_c_loss:1.0718247 t_sl_loss:
      2.995715
5113 Epoch:319 batch_num:6 t_c_loss:0.952775 t_sl_loss:2
      .995715
5114 Epoch:319 batch_num:7 t_c_loss:0.96544266 t_sl_loss
      :2.995715
5115 Epoch:319 batch_num:8 t_c_loss:1.2985696 t_sl_loss:
      2.995715
5116 Epoch:319 batch_num:9 t_c_loss:1.2530056 t_sl_loss:
      2.995715
5117 Epoch:319 batch_num:10 t_c_loss:1.0349827 t_sl_loss
      :2.995715
5118 Epoch:319 batch_num:11 t_c_loss:1.0880564 t_sl_loss
      :2.995715
5119 Epoch:319 batch_num:12 t_c_loss:1.1221113 t_sl_loss
      :2.995715
5120 Epoch:319 batch_num:13 t_c_loss:1.113748 t_sl_loss
      :-0.0
5121 epoch_num:319 accuracy_for_train:0.4329501915708812
5122 epoch_num:319 accuracy_for_test:0.311787072243346
5123 Epoch:320 batch_num:0 t_c_loss:1.2666681 t_sl_loss:
      2.995715
5124 Epoch:320 batch_num:1 t_c_loss:1.2321303 t_sl_loss:
      2.995715
5125 Epoch:320 batch_num:2 t_c_loss:1.2829692 t_sl_loss:
      2.995715
5126 Epoch:320 batch_num:3 t_c_loss:1.2663796 t_sl_loss:
      2.995715
5127 Epoch:320 batch_num:4 t_c_loss:1.1459717 t_sl_loss:
      2.995715
5128 Epoch:320 batch_num:5 t_c_loss:1.1024362 t_sl_loss:
      2.995715
5129 Epoch:320 batch_num:6 t_c_loss:1.0144416 t_sl_loss:
      2.995715
5130 Epoch:320 batch_num:7 t_c_loss:1.0456007 t_sl_loss:
      2.995715
5131 Epoch:320 batch_num:8 t_c_loss:1.2674037 t_sl_loss:
      2.995715
```

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5132 Epoch:320 batch_num:9 t_c_loss:1.0675654 t_sl_loss:
    2.995715
5133 Epoch:320 batch_num:10 t_c_loss:1.133933 t_sl_loss:
    2.995715
5134 Epoch:320 batch_num:11 t_c_loss:1.0326998 t_sl_loss
    :2.9957147
5135 Epoch:320 batch_num:12 t_c_loss:1.1189523 t_sl_loss
    :2.995715
5136 Epoch:320 batch_num:13 t_c_loss:1.4819901 t_sl_loss
    :-0.0
5137 epoch_num:320 accuracy_for_train:0.
    42911877394636017
5138 epoch_num:320 accuracy_for_test:0.3269961977186312
5139 Epoch:321 batch_num:0 t_c_loss:1.1414671 t_sl_loss:
    2.995715
5140 Epoch:321 batch_num:1 t_c_loss:1.143669 t_sl_loss:2
    .995715
5141 Epoch:321 batch_num:2 t_c_loss:1.192891 t_sl_loss:2
    .995715
5142 Epoch:321 batch_num:3 t_c_loss:1.0047262 t_sl_loss:
    2.995715
5143 Epoch:321 batch_num:4 t_c_loss:1.2459766 t_sl_loss:
    2.995715
5144 Epoch:321 batch_num:5 t_c_loss:1.0293949 t_sl_loss:
    2.995715
5145 Epoch:321 batch_num:6 t_c_loss:1.2647488 t_sl_loss:
    2.9957147
5146 Epoch:321 batch_num:7 t_c_loss:1.2156172 t_sl_loss:
    2.995715
5147 Epoch:321 batch_num:8 t_c_loss:1.26817 t_sl_loss:2.
    9957147
5148 Epoch:321 batch_num:9 t_c_loss:1.1815425 t_sl_loss:
    2.995715
5149 Epoch:321 batch_num:10 t_c_loss:1.1499126 t_sl_loss
    :2.995715
5150 Epoch:321 batch_num:11 t_c_loss:1.312634 t_sl_loss:
    2.995715
5151 Epoch:321 batch_num:12 t_c_loss:0.9867978 t_sl_loss
    :2.995715
5152 Epoch:321 batch_num:13 t_c_loss:1.7353687 t_sl_loss
    :-0.0
```

```
5153 epoch_num:321 accuracy_for_train:0.4827586206896552
5154 epoch_num:321 accuracy_for_test:0.3231939163498099
5155 Epoch:322 batch_num:0 t_c_loss:1.0854704 t_sl_loss:
    2.995715
5156 Epoch:322 batch_num:1 t_c_loss:1.1533881 t_sl_loss:
    2.995715
5157 Epoch:322 batch_num:2 t_c_loss:1.0201991 t_sl_loss:
    2.995715
5158 Epoch:322 batch_num:3 t_c_loss:1.0286134 t_sl_loss:
    2.995715
5159 Epoch:322 batch_num:4 t_c_loss:1.1007854 t_sl_loss:
    2.995715
5160 Epoch:322 batch_num:5 t_c_loss:1.1229553 t_sl_loss:
    2.9957151
5161 Epoch:322 batch_num:6 t_c_loss:1.2429408 t_sl_loss:
    2.995715
5162 Epoch:322 batch_num:7 t_c_loss:1.0804335 t_sl_loss:
    2.995715
5163 Epoch:322 batch_num:8 t_c_loss:1.2321894 t_sl_loss:
    2.995715
5164 Epoch:322 batch_num:9 t_c_loss:1.1045096 t_sl_loss:
    2.9957151
5165 Epoch:322 batch_num:10 t_c_loss:1.0684731 t_sl_loss
    :2.995715
5166 Epoch:322 batch_num:11 t_c_loss:1.081452 t_sl_loss:
    2.995715
5167 Epoch:322 batch_num:12 t_c_loss:1.4051251 t_sl_loss
    :2.995715
5168 Epoch:322 batch_num:13 t_c_loss:1.6076548 t_sl_loss
    :-0.0
5169 epoch_num:322 accuracy_for_train:0.
    47509578544061304
5170 epoch_num:322 accuracy_for_test:0.29277566539923955
5171 Epoch:323 batch_num:0 t_c_loss:1.1041299 t_sl_loss:
    2.995715
5172 Epoch:323 batch_num:1 t_c_loss:1.2218286 t_sl_loss:
    2.995715
5173 Epoch:323 batch_num:2 t_c_loss:1.3114928 t_sl_loss:
    2.995715
5174 Epoch:323 batch_num:3 t_c_loss:1.1406417 t_sl_loss:
    2.995715
```

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5175 Epoch:323 batch_num:4 t_c_loss:1.1219168 t_sl_loss:
    2.995715
5176 Epoch:323 batch_num:5 t_c_loss:0.9834903 t_sl_loss:
    2.995715
5177 Epoch:323 batch_num:6 t_c_loss:0.990204 t_sl_loss:2
    .995715
5178 Epoch:323 batch_num:7 t_c_loss:0.992273 t_sl_loss:2
    .995715
5179 Epoch:323 batch_num:8 t_c_loss:1.0899031 t_sl_loss:
    2.995715
5180 Epoch:323 batch_num:9 t_c_loss:0.95022595 t_sl_loss
    :2.995715
5181 Epoch:323 batch_num:10 t_c_loss:1.3054415 t_sl_loss
    :2.995715
5182 Epoch:323 batch_num:11 t_c_loss:1.24916 t_sl_loss:2
    .995715
5183 Epoch:323 batch_num:12 t_c_loss:1.1894593 t_sl_loss
    :2.995715
5184 Epoch:323 batch_num:13 t_c_loss:1.4934926 t_sl_loss
    :-0.0
5185 epoch_num:323 accuracy_for_train:0.4329501915708812
5186 epoch_num:323 accuracy_for_test:0.2965779467680608
5187 Epoch:324 batch_num:0 t_c_loss:1.2563677 t_sl_loss:
    2.995715
5188 Epoch:324 batch_num:1 t_c_loss:1.221812 t_sl_loss:2
    .995715
5189 Epoch:324 batch_num:2 t_c_loss:1.0019119 t_sl_loss:
    2.995715
5190 Epoch:324 batch_num:3 t_c_loss:1.0586824 t_sl_loss:
    2.995715
5191 Epoch:324 batch_num:4 t_c_loss:1.017977 t_sl_loss:2
    .995715
5192 Epoch:324 batch_num:5 t_c_loss:1.0782406 t_sl_loss:
    2.995715
5193 Epoch:324 batch_num:6 t_c_loss:1.0468123 t_sl_loss:
    2.995715
5194 Epoch:324 batch_num:7 t_c_loss:1.0079371 t_sl_loss:
    2.995715
5195 Epoch:324 batch_num:8 t_c_loss:1.252347 t_sl_loss:2
    .995715
5196 Epoch:324 batch_num:9 t_c_loss:1.1484908 t_sl_loss:
```



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5196 2.995715
5197 Epoch:324 batch_num:10 t_c_loss:1.3915012 t_sl_loss
      :2.995715
5198 Epoch:324 batch_num:11 t_c_loss:1.1614966 t_sl_loss
      :2.9957147
5199 Epoch:324 batch_num:12 t_c_loss:1.225945 t_sl_loss:
      2.995715
5200 Epoch:324 batch_num:13 t_c_loss:1.3363676 t_sl_loss
      :-0.0
5201 epoch_num:324 accuracy_for_train:0.
      47509578544061304
5202 epoch_num:324 accuracy_for_test:0.3155893536121673
5203 Epoch:325 batch_num:0 t_c_loss:1.0591635 t_sl_loss:
      2.995715
5204 Epoch:325 batch_num:1 t_c_loss:1.1200435 t_sl_loss:
      2.995715
5205 Epoch:325 batch_num:2 t_c_loss:1.1318476 t_sl_loss:
      2.995715
5206 Epoch:325 batch_num:3 t_c_loss:1.0656345 t_sl_loss:
      2.995715
5207 Epoch:325 batch_num:4 t_c_loss:1.3837703 t_sl_loss:
      2.9957154
5208 Epoch:325 batch_num:5 t_c_loss:1.0910476 t_sl_loss:
      2.995715
5209 Epoch:325 batch_num:6 t_c_loss:1.1860168 t_sl_loss:
      2.995715
5210 Epoch:325 batch_num:7 t_c_loss:1.1001781 t_sl_loss:
      2.995715
5211 Epoch:325 batch_num:8 t_c_loss:1.3012335 t_sl_loss:
      2.995715
5212 Epoch:325 batch_num:9 t_c_loss:1.0696347 t_sl_loss:
      2.995715
5213 Epoch:325 batch_num:10 t_c_loss:1.1546737 t_sl_loss
      :2.995715
5214 Epoch:325 batch_num:11 t_c_loss:1.2364424 t_sl_loss
      :2.995715
5215 Epoch:325 batch_num:12 t_c_loss:1.0153189 t_sl_loss
      :2.995715
5216 Epoch:325 batch_num:13 t_c_loss:1.2595519 t_sl_loss
      :-0.0
5217 epoch_num:325 accuracy_for_train:0.4789272030651341
```

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5218 epoch_num:325 accuracy_for_test:0.3193916349809886
5219 Epoch:326 batch_num:0 t_c_loss:1.184565 t_sl_loss:2
    .995715
5220 Epoch:326 batch_num:1 t_c_loss:1.0662978 t_sl_loss:
    2.995715
5221 Epoch:326 batch_num:2 t_c_loss:1.0076896 t_sl_loss:
    2.995715
5222 Epoch:326 batch_num:3 t_c_loss:1.1134981 t_sl_loss:
    2.995715
5223 Epoch:326 batch_num:4 t_c_loss:1.3044297 t_sl_loss:
    2.9957144
5224 Epoch:326 batch_num:5 t_c_loss:1.0964781 t_sl_loss:
    2.995715
5225 Epoch:326 batch_num:6 t_c_loss:1.3193518 t_sl_loss:
    2.995715
5226 Epoch:326 batch_num:7 t_c_loss:1.1153549 t_sl_loss:
    2.995715
5227 Epoch:326 batch_num:8 t_c_loss:1.0434054 t_sl_loss:
    2.995715
5228 Epoch:326 batch_num:9 t_c_loss:1.1412557 t_sl_loss:
    2.995715
5229 Epoch:326 batch_num:10 t_c_loss:1.086713 t_sl_loss:
    2.995715
5230 Epoch:326 batch_num:11 t_c_loss:1.2876947 t_sl_loss
    :2.995715
5231 Epoch:326 batch_num:12 t_c_loss:1.1798327 t_sl_loss
    :2.995715
5232 Epoch:326 batch_num:13 t_c_loss:1.4657922 t_sl_loss
    :-0.0
5233 epoch_num:326 accuracy_for_train:0.4444444444444444
5234 epoch_num:326 accuracy_for_test:0.3193916349809886
5235 Epoch:327 batch_num:0 t_c_loss:1.1337829 t_sl_loss:
    2.995715
5236 Epoch:327 batch_num:1 t_c_loss:1.141082 t_sl_loss:2
    .995715
5237 Epoch:327 batch_num:2 t_c_loss:1.133694 t_sl_loss:2
    .995715
5238 Epoch:327 batch_num:3 t_c_loss:1.1154466 t_sl_loss:
    2.995715
5239 Epoch:327 batch_num:4 t_c_loss:1.2305843 t_sl_loss:
    2.995715
```

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5240 Epoch:327 batch_num:5 t_c_loss:0.92572516 t_sl_loss
:2.995715
5241 Epoch:327 batch_num:6 t_c_loss:0.9982368 t_sl_loss:
2.995715
5242 Epoch:327 batch_num:7 t_c_loss:1.1834977 t_sl_loss:
2.995715
5243 Epoch:327 batch_num:8 t_c_loss:1.1897045 t_sl_loss:
2.995715
5244 Epoch:327 batch_num:9 t_c_loss:1.1057584 t_sl_loss:
2.995715
5245 Epoch:327 batch_num:10 t_c_loss:1.3861231 t_sl_loss
:2.995715
5246 Epoch:327 batch_num:11 t_c_loss:1.2232578 t_sl_loss
:2.995715
5247 Epoch:327 batch_num:12 t_c_loss:1.0995334 t_sl_loss
:2.995715
5248 Epoch:327 batch_num:13 t_c_loss:1.0143046 t_sl_loss
:-0.0
5249 epoch_num:327 accuracy_for_train:0.4329501915708812
5250 epoch_num:327 accuracy_for_test:0.3193916349809886
5251 Epoch:328 batch_num:0 t_c_loss:1.1104511 t_sl_loss:
2.995715
5252 Epoch:328 batch_num:1 t_c_loss:1.0983564 t_sl_loss:
2.995715
5253 Epoch:328 batch_num:2 t_c_loss:1.1046652 t_sl_loss:
2.995715
5254 Epoch:328 batch_num:3 t_c_loss:1.1289964 t_sl_loss:
2.995715
5255 Epoch:328 batch_num:4 t_c_loss:1.0829985 t_sl_loss:
2.995715
5256 Epoch:328 batch_num:5 t_c_loss:1.2296088 t_sl_loss:
2.995715
5257 Epoch:328 batch_num:6 t_c_loss:1.0443228 t_sl_loss:
2.995715
5258 Epoch:328 batch_num:7 t_c_loss:1.0062368 t_sl_loss:
2.995715
5259 Epoch:328 batch_num:8 t_c_loss:1.0662861 t_sl_loss:
2.9957151
5260 Epoch:328 batch_num:9 t_c_loss:1.34627 t_sl_loss:2.
995715
5261 Epoch:328 batch_num:10 t_c_loss:1.2231147 t_sl_loss
```

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5261 :2.995715
5262 Epoch:328 batch_num:11 t_c_loss:1.1453273 t_sl_loss
      :2.995715
5263 Epoch:328 batch_num:12 t_c_loss:1.1228539 t_sl_loss
      :2.995715
5264 Epoch:328 batch_num:13 t_c_loss:1.1389062 t_sl_loss
      :-0.0
5265 epoch_num:328 accuracy_for_train:0.4789272030651341
5266 epoch_num:328 accuracy_for_test:0.33079847908745247
5267 Epoch:329 batch_num:0 t_c_loss:1.0273917 t_sl_loss:
      2.995715
5268 Epoch:329 batch_num:1 t_c_loss:1.1498833 t_sl_loss:
      2.995715
5269 Epoch:329 batch_num:2 t_c_loss:1.0864931 t_sl_loss:
      2.995715
5270 Epoch:329 batch_num:3 t_c_loss:1.0294955 t_sl_loss:
      2.995715
5271 Epoch:329 batch_num:4 t_c_loss:1.4136724 t_sl_loss:
      2.995715
5272 Epoch:329 batch_num:5 t_c_loss:0.924492 t_sl_loss:2
      .995715
5273 Epoch:329 batch_num:6 t_c_loss:1.2421329 t_sl_loss:
      2.995715
5274 Epoch:329 batch_num:7 t_c_loss:1.0449051 t_sl_loss:
      2.9957144
5275 Epoch:329 batch_num:8 t_c_loss:1.0758207 t_sl_loss:
      2.995715
5276 Epoch:329 batch_num:9 t_c_loss:1.1465735 t_sl_loss:
      2.995715
5277 Epoch:329 batch_num:10 t_c_loss:1.1972175 t_sl_loss
      :2.995715
5278 Epoch:329 batch_num:11 t_c_loss:1.10851 t_sl_loss:2
      .995715
5279 Epoch:329 batch_num:12 t_c_loss:1.0504248 t_sl_loss
      :2.995715
5280 Epoch:329 batch_num:13 t_c_loss:1.4604468 t_sl_loss
      :-0.0
5281 epoch_num:329 accuracy_for_train:0.
      48659003831417624
5282 epoch_num:329 accuracy_for_test:0.3269961977186312
5283 Epoch:330 batch_num:0 t_c_loss:1.1391711 t_sl_loss:
```

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5283 2.995715
5284 Epoch:330 batch_num:1 t_c_loss:1.0494883 t_sl_loss:
    2.995715
5285 Epoch:330 batch_num:2 t_c_loss:1.3697307 t_sl_loss:
    2.995715
5286 Epoch:330 batch_num:3 t_c_loss:1.1612834 t_sl_loss:
    2.995715
5287 Epoch:330 batch_num:4 t_c_loss:1.062628 t_sl_loss:2
    .995715
5288 Epoch:330 batch_num:5 t_c_loss:1.1308047 t_sl_loss:
    2.995715
5289 Epoch:330 batch_num:6 t_c_loss:1.1865073 t_sl_loss:
    2.995715
5290 Epoch:330 batch_num:7 t_c_loss:1.0040885 t_sl_loss:
    2.995715
5291 Epoch:330 batch_num:8 t_c_loss:0.9908102 t_sl_loss:
    2.995715
5292 Epoch:330 batch_num:9 t_c_loss:1.1665187 t_sl_loss:
    2.995715
5293 Epoch:330 batch_num:10 t_c_loss:1.1563864 t_sl_loss
    :2.995715
5294 Epoch:330 batch_num:11 t_c_loss:1.0543383 t_sl_loss
    :2.995715
5295 Epoch:330 batch_num:12 t_c_loss:1.2411981 t_sl_loss
    :2.995715
5296 Epoch:330 batch_num:13 t_c_loss:1.2483906 t_sl_loss
    :-0.0
5297 epoch_num:330 accuracy_for_train:0.4367816091954023
5298 epoch_num:330 accuracy_for_test:0.33079847908745247
5299 Epoch:331 batch_num:0 t_c_loss:1.1670276 t_sl_loss:
    2.995715
5300 Epoch:331 batch_num:1 t_c_loss:1.1968675 t_sl_loss:
    2.995715
5301 Epoch:331 batch_num:2 t_c_loss:1.1071903 t_sl_loss:
    2.995715
5302 Epoch:331 batch_num:3 t_c_loss:1.0583943 t_sl_loss:
    2.995715
5303 Epoch:331 batch_num:4 t_c_loss:1.0517179 t_sl_loss:
    2.995715
5304 Epoch:331 batch_num:5 t_c_loss:1.2342112 t_sl_loss:
    2.995715
```

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5305 Epoch:331 batch_num:6 t_c_loss:1.0259161 t_sl_loss:
    2.995715
5306 Epoch:331 batch_num:7 t_c_loss:1.1407602 t_sl_loss:
    2.995715
5307 Epoch:331 batch_num:8 t_c_loss:0.9935771 t_sl_loss:
    2.995715
5308 Epoch:331 batch_num:9 t_c_loss:1.1777632 t_sl_loss:
    2.995715
5309 Epoch:331 batch_num:10 t_c_loss:1.3379469 t_sl_loss
    :2.995715
5310 Epoch:331 batch_num:11 t_c_loss:1.1033897 t_sl_loss
    :2.995715
5311 Epoch:331 batch_num:12 t_c_loss:1.1886255 t_sl_loss
    :2.995715
5312 Epoch:331 batch_num:13 t_c_loss:1.7278149 t_sl_loss
    :-0.0
5313 epoch_num:331 accuracy_for_train:0.
    48659003831417624
5314 epoch_num:331 accuracy_for_test:0.3269961977186312
5315 Epoch:332 batch_num:0 t_c_loss:1.0697428 t_sl_loss:
    2.995715
5316 Epoch:332 batch_num:1 t_c_loss:1.1949629 t_sl_loss:
    2.995715
5317 Epoch:332 batch_num:2 t_c_loss:1.0933207 t_sl_loss:
    2.995715
5318 Epoch:332 batch_num:3 t_c_loss:1.0921953 t_sl_loss:
    2.995715
5319 Epoch:332 batch_num:4 t_c_loss:1.2230422 t_sl_loss:
    2.995715
5320 Epoch:332 batch_num:5 t_c_loss:1.1574869 t_sl_loss:
    2.995715
5321 Epoch:332 batch_num:6 t_c_loss:0.9454363 t_sl_loss:
    2.995715
5322 Epoch:332 batch_num:7 t_c_loss:1.0241046 t_sl_loss:
    2.995715
5323 Epoch:332 batch_num:8 t_c_loss:1.036825 t_sl_loss:2
    .995715
5324 Epoch:332 batch_num:9 t_c_loss:1.2033657 t_sl_loss:
    2.995715
5325 Epoch:332 batch_num:10 t_c_loss:1.3008236 t_sl_loss
    :2.995715
```

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5326 Epoch:332 batch_num:11 t_c_loss:1.136299 t_sl_loss:
    2.995715
5327 Epoch:332 batch_num:12 t_c_loss:1.0646583 t_sl_loss
    :2.995715
5328 Epoch:332 batch_num:13 t_c_loss:1.3659439 t_sl_loss
    :-0.0
5329 epoch_num:332 accuracy_for_train:0.
    47126436781609193
5330 epoch_num:332 accuracy_for_test:0.3155893536121673
5331 Epoch:333 batch_num:0 t_c_loss:1.3757421 t_sl_loss:
    2.995715
5332 Epoch:333 batch_num:1 t_c_loss:1.1508453 t_sl_loss:
    2.995715
5333 Epoch:333 batch_num:2 t_c_loss:1.0686516 t_sl_loss:
    2.995715
5334 Epoch:333 batch_num:3 t_c_loss:1.1060841 t_sl_loss:
    2.995715
5335 Epoch:333 batch_num:4 t_c_loss:1.2397579 t_sl_loss:
    2.995715
5336 Epoch:333 batch_num:5 t_c_loss:1.1359257 t_sl_loss:
    2.995715
5337 Epoch:333 batch_num:6 t_c_loss:1.1579102 t_sl_loss:
    2.995715
5338 Epoch:333 batch_num:7 t_c_loss:1.0135138 t_sl_loss:
    2.995715
5339 Epoch:333 batch_num:8 t_c_loss:1.0241673 t_sl_loss:
    2.995715
5340 Epoch:333 batch_num:9 t_c_loss:1.1495413 t_sl_loss:
    2.995715
5341 Epoch:333 batch_num:10 t_c_loss:0.9822014 t_sl_loss
    :2.995715
5342 Epoch:333 batch_num:11 t_c_loss:1.1299816 t_sl_loss
    :2.995715
5343 Epoch:333 batch_num:12 t_c_loss:1.1616844 t_sl_loss
    :2.995715
5344 Epoch:333 batch_num:13 t_c_loss:1.3238881 t_sl_loss
    :-0.0
5345 epoch_num:333 accuracy_for_train:0.
    47126436781609193
5346 epoch_num:333 accuracy_for_test:0.3231939163498099
5347 Epoch:334 batch_num:0 t_c_loss:1.1177341 t_sl_loss:
```

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5347 2.995715
5348 Epoch:334 batch_num:1 t_c_loss:1.1220835 t_sl_loss:
      2.995715
5349 Epoch:334 batch_num:2 t_c_loss:1.099621 t_sl_loss:2
      .995715
5350 Epoch:334 batch_num:3 t_c_loss:1.2394081 t_sl_loss:
      2.995715
5351 Epoch:334 batch_num:4 t_c_loss:1.1009196 t_sl_loss:
      2.995715
5352 Epoch:334 batch_num:5 t_c_loss:1.468615 t_sl_loss:2
      .995715
5353 Epoch:334 batch_num:6 t_c_loss:0.96803486 t_sl_loss
      :2.995715
5354 Epoch:334 batch_num:7 t_c_loss:1.3117421 t_sl_loss:
      2.995715
5355 Epoch:334 batch_num:8 t_c_loss:0.9382347 t_sl_loss:
      2.995715
5356 Epoch:334 batch_num:9 t_c_loss:1.0640945 t_sl_loss:
      2.995715
5357 Epoch:334 batch_num:10 t_c_loss:0.9998657 t_sl_loss
      :2.995715
5358 Epoch:334 batch_num:11 t_c_loss:1.2577887 t_sl_loss
      :2.995715
5359 Epoch:334 batch_num:12 t_c_loss:1.1651818 t_sl_loss
      :2.995715
5360 Epoch:334 batch_num:13 t_c_loss:1.1667482 t_sl_loss
      :-0.0
5361 epoch_num:334 accuracy_for_train:0.4367816091954023
5362 epoch_num:334 accuracy_for_test:0.311787072243346
5363 Epoch:335 batch_num:0 t_c_loss:1.0606096 t_sl_loss:
      2.995715
5364 Epoch:335 batch_num:1 t_c_loss:1.1202629 t_sl_loss:
      2.995715
5365 Epoch:335 batch_num:2 t_c_loss:1.0017028 t_sl_loss:
      2.995715
5366 Epoch:335 batch_num:3 t_c_loss:1.0503217 t_sl_loss:
      2.995715
5367 Epoch:335 batch_num:4 t_c_loss:1.2809339 t_sl_loss:
      2.995715
5368 Epoch:335 batch_num:5 t_c_loss:1.1805772 t_sl_loss:
      2.995715
```



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5369 Epoch:335 batch_num:6 t_c_loss:1.0622165 t_sl_loss:
    2.995715
5370 Epoch:335 batch_num:7 t_c_loss:1.4915262 t_sl_loss:
    2.995715
5371 Epoch:335 batch_num:8 t_c_loss:1.1193115 t_sl_loss:
    2.9958189
5372 Epoch:335 batch_num:9 t_c_loss:0.8739157 t_sl_loss:
    2.995715
5373 Epoch:335 batch_num:10 t_c_loss:1.0430005 t_sl_loss
    :2.995715
5374 Epoch:335 batch_num:11 t_c_loss:1.029989 t_sl_loss:
    2.995715
5375 Epoch:335 batch_num:12 t_c_loss:1.2588185 t_sl_loss
    :2.995715
5376 Epoch:335 batch_num:13 t_c_loss:1.188073 t_sl_loss
    :-0.0
5377 epoch_num:335 accuracy_for_train:0.4904214559386973
5378 epoch_num:335 accuracy_for_test:0.3231939163498099
5379 Epoch:336 batch_num:0 t_c_loss:1.1702425 t_sl_loss:
    2.995715
5380 Epoch:336 batch_num:1 t_c_loss:1.1151183 t_sl_loss:
    2.995715
5381 Epoch:336 batch_num:2 t_c_loss:1.1647036 t_sl_loss:
    2.995715
5382 Epoch:336 batch_num:3 t_c_loss:1.0478375 t_sl_loss:
    2.995715
5383 Epoch:336 batch_num:4 t_c_loss:1.1565174 t_sl_loss:
    2.995715
5384 Epoch:336 batch_num:5 t_c_loss:1.053859 t_sl_loss:2
    .995715
5385 Epoch:336 batch_num:6 t_c_loss:1.3086206 t_sl_loss:
    2.995715
5386 Epoch:336 batch_num:7 t_c_loss:1.0876808 t_sl_loss:
    2.995715
5387 Epoch:336 batch_num:8 t_c_loss:1.284693 t_sl_loss:2
    .995715
5388 Epoch:336 batch_num:9 t_c_loss:1.182307 t_sl_loss:2
    .995715
5389 Epoch:336 batch_num:10 t_c_loss:1.2759149 t_sl_loss
    :2.995715
5390 Epoch:336 batch_num:11 t_c_loss:0.97615516
```

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5390 t_sl_loss:2.995715
5391 Epoch:336 batch_num:12 t_c_loss:1.206473 t_sl_loss:
    2.995715
5392 Epoch:336 batch_num:13 t_c_loss:1.3001044 t_sl_loss
    :-0.0
5393 epoch_num:336 accuracy_for_train:0.4559386973180077
5394 epoch_num:336 accuracy_for_test:0.33840304182509506
5395 Epoch:337 batch_num:0 t_c_loss:1.0267534 t_sl_loss:
    2.995715
5396 Epoch:337 batch_num:1 t_c_loss:1.1765943 t_sl_loss:
    2.995715
5397 Epoch:337 batch_num:2 t_c_loss:1.0636693 t_sl_loss:
    2.995715
5398 Epoch:337 batch_num:3 t_c_loss:1.161298 t_sl_loss:2
    .995715
5399 Epoch:337 batch_num:4 t_c_loss:1.1952994 t_sl_loss:
    2.995715
5400 Epoch:337 batch_num:5 t_c_loss:1.2254684 t_sl_loss:
    2.995715
5401 Epoch:337 batch_num:6 t_c_loss:1.1575658 t_sl_loss:
    2.995715
5402 Epoch:337 batch_num:7 t_c_loss:1.0022647 t_sl_loss:
    2.995715
5403 Epoch:337 batch_num:8 t_c_loss:1.1643538 t_sl_loss:
    2.995715
5404 Epoch:337 batch_num:9 t_c_loss:1.2150418 t_sl_loss:
    2.9957151
5405 Epoch:337 batch_num:10 t_c_loss:1.1962265 t_sl_loss
    :2.995715
5406 Epoch:337 batch_num:11 t_c_loss:1.0834512 t_sl_loss
    :2.995715
5407 Epoch:337 batch_num:12 t_c_loss:1.0474062 t_sl_loss
    :2.995715
5408 Epoch:337 batch_num:13 t_c_loss:1.1476257 t_sl_loss
    :-0.0
5409 epoch_num:337 accuracy_for_train:0.4904214559386973
5410 epoch_num:337 accuracy_for_test:0.3155893536121673
5411 Epoch:338 batch_num:0 t_c_loss:1.1358863 t_sl_loss:
    2.995715
5412 Epoch:338 batch_num:1 t_c_loss:0.9960457 t_sl_loss:
    2.995715
```

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5413 Epoch:338 batch_num:2 t_c_loss:1.2870431 t_sl_loss:
    2.995715
5414 Epoch:338 batch_num:3 t_c_loss:1.1028359 t_sl_loss:
    2.995715
5415 Epoch:338 batch_num:4 t_c_loss:1.2405941 t_sl_loss:
    2.995715
5416 Epoch:338 batch_num:5 t_c_loss:1.0182177 t_sl_loss:
    2.995715
5417 Epoch:338 batch_num:6 t_c_loss:1.2788002 t_sl_loss:
    2.995715
5418 Epoch:338 batch_num:7 t_c_loss:1.3627652 t_sl_loss:
    2.995715
5419 Epoch:338 batch_num:8 t_c_loss:1.1389987 t_sl_loss:
    2.995715
5420 Epoch:338 batch_num:9 t_c_loss:1.1570785 t_sl_loss:
    2.995715
5421 Epoch:338 batch_num:10 t_c_loss:1.1033641 t_sl_loss
    :2.995715
5422 Epoch:338 batch_num:11 t_c_loss:1.1773653 t_sl_loss
    :2.995715
5423 Epoch:338 batch_num:12 t_c_loss:1.0334585 t_sl_loss
    :2.995715
5424 Epoch:338 batch_num:13 t_c_loss:1.1312288 t_sl_loss
    :-0.0
5425 epoch_num:338 accuracy_for_train:0.
    47509578544061304
5426 epoch_num:338 accuracy_for_test:0.311787072243346
5427 Epoch:339 batch_num:0 t_c_loss:1.1774343 t_sl_loss:
    2.9957147
5428 Epoch:339 batch_num:1 t_c_loss:1.1851499 t_sl_loss:
    2.995715
5429 Epoch:339 batch_num:2 t_c_loss:1.2814409 t_sl_loss:
    2.995715
5430 Epoch:339 batch_num:3 t_c_loss:1.382473 t_sl_loss:2
    .995715
5431 Epoch:339 batch_num:4 t_c_loss:0.96414804 t_sl_loss
    :2.995715
5432 Epoch:339 batch_num:5 t_c_loss:1.2598639 t_sl_loss:
    2.995715
5433 Epoch:339 batch_num:6 t_c_loss:1.2715262 t_sl_loss:
    2.995715
```

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5434 Epoch:339 batch_num:7 t_c_loss:0.9478658 t_sl_loss:
    2.995715
5435 Epoch:339 batch_num:8 t_c_loss:1.1990354 t_sl_loss:
    2.9957154
5436 Epoch:339 batch_num:9 t_c_loss:1.2140743 t_sl_loss:
    2.995715
5437 Epoch:339 batch_num:10 t_c_loss:1.0557985 t_sl_loss
    :2.995715
5438 Epoch:339 batch_num:11 t_c_loss:1.0080049 t_sl_loss
    :2.995715
5439 Epoch:339 batch_num:12 t_c_loss:1.1759068 t_sl_loss
    :2.996057
5440 Epoch:339 batch_num:13 t_c_loss:1.8183539 t_sl_loss
    :-0.0
5441 epoch_num:339 accuracy_for_train:0.
    46360153256704983
5442 epoch_num:339 accuracy_for_test:0.311787072243346
5443 Epoch:340 batch_num:0 t_c_loss:1.056901 t_sl_loss:2
    .995715
5444 Epoch:340 batch_num:1 t_c_loss:1.1430371 t_sl_loss:
    2.995715
5445 Epoch:340 batch_num:2 t_c_loss:0.9655422 t_sl_loss:
    2.995715
5446 Epoch:340 batch_num:3 t_c_loss:1.0422263 t_sl_loss:
    2.995715
5447 Epoch:340 batch_num:4 t_c_loss:1.3547046 t_sl_loss:
    2.995715
5448 Epoch:340 batch_num:5 t_c_loss:1.0334407 t_sl_loss:
    2.995715
5449 Epoch:340 batch_num:6 t_c_loss:1.1858388 t_sl_loss:
    2.995715
5450 Epoch:340 batch_num:7 t_c_loss:1.1861835 t_sl_loss:
    2.995715
5451 Epoch:340 batch_num:8 t_c_loss:1.2457192 t_sl_loss:
    2.995715
5452 Epoch:340 batch_num:9 t_c_loss:1.2830813 t_sl_loss:
    2.995715
5453 Epoch:340 batch_num:10 t_c_loss:1.0263646 t_sl_loss
    :2.995715
5454 Epoch:340 batch_num:11 t_c_loss:1.0774099 t_sl_loss
    :2.995715
```

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5455 Epoch:340 batch_num:12 t_c_loss:1.1276809 t_sl_loss
    :2.995715
5456 Epoch:340 batch_num:13 t_c_loss:1.5593961 t_sl_loss
    :-0.0
5457 epoch_num:340 accuracy_for_train:0.4444444444444444
5458 epoch_num:340 accuracy_for_test:0.3193916349809886
5459 Epoch:341 batch_num:0 t_c_loss:0.9972178 t_sl_loss:
    2.9957151
5460 Epoch:341 batch_num:1 t_c_loss:1.1987299 t_sl_loss:
    2.995715
5461 Epoch:341 batch_num:2 t_c_loss:1.4028522 t_sl_loss:
    2.995715
5462 Epoch:341 batch_num:3 t_c_loss:1.2436433 t_sl_loss:
    2.9957874
5463 Epoch:341 batch_num:4 t_c_loss:1.0123663 t_sl_loss:
    2.9957147
5464 Epoch:341 batch_num:5 t_c_loss:1.2252939 t_sl_loss:
    2.995715
5465 Epoch:341 batch_num:6 t_c_loss:1.1757339 t_sl_loss:
    2.995715
5466 Epoch:341 batch_num:7 t_c_loss:1.2315831 t_sl_loss:
    2.995715
5467 Epoch:341 batch_num:8 t_c_loss:1.1287239 t_sl_loss:
    2.995715
5468 Epoch:341 batch_num:9 t_c_loss:1.0498587 t_sl_loss:
    2.995715
5469 Epoch:341 batch_num:10 t_c_loss:1.1512014 t_sl_loss
    :2.995715
5470 Epoch:341 batch_num:11 t_c_loss:1.0103683 t_sl_loss
    :2.995715
5471 Epoch:341 batch_num:12 t_c_loss:1.0867392 t_sl_loss
    :2.995715
5472 Epoch:341 batch_num:13 t_c_loss:1.5137532 t_sl_loss
    :-0.0
5473 epoch_num:341 accuracy_for_train:0.4329501915708812
5474 epoch_num:341 accuracy_for_test:0.3193916349809886
5475 Epoch:342 batch_num:0 t_c_loss:0.9629672 t_sl_loss:
    2.995715
5476 Epoch:342 batch_num:1 t_c_loss:1.2465324 t_sl_loss:
    2.9957147
5477 Epoch:342 batch_num:2 t_c_loss:1.188291 t_sl_loss:2
```

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5477 .995715
5478 Epoch:342 batch_num:3 t_c_loss:1.1536798 t_sl_loss:
      2.995715
5479 Epoch:342 batch_num:4 t_c_loss:0.90318996 t_sl_loss
      :2.995715
5480 Epoch:342 batch_num:5 t_c_loss:1.0710615 t_sl_loss:
      2.995715
5481 Epoch:342 batch_num:6 t_c_loss:1.1309987 t_sl_loss:
      2.995715
5482 Epoch:342 batch_num:7 t_c_loss:1.3174746 t_sl_loss:
      2.995715
5483 Epoch:342 batch_num:8 t_c_loss:1.1122906 t_sl_loss:
      2.995715
5484 Epoch:342 batch_num:9 t_c_loss:1.1881669 t_sl_loss:
      2.995715
5485 Epoch:342 batch_num:10 t_c_loss:1.0477338 t_sl_loss
      :2.995715
5486 Epoch:342 batch_num:11 t_c_loss:1.3109938 t_sl_loss
      :2.995715
5487 Epoch:342 batch_num:12 t_c_loss:1.2233168 t_sl_loss
      :2.995715
5488 Epoch:342 batch_num:13 t_c_loss:1.2607138 t_sl_loss
      :-0.0
5489 epoch_num:342 accuracy_for_train:0.4904214559386973
5490 epoch_num:342 accuracy_for_test:0.30038022813688214
5491 Epoch:343 batch_num:0 t_c_loss:1.2274024 t_sl_loss:
      2.995715
5492 Epoch:343 batch_num:1 t_c_loss:1.0950005 t_sl_loss:
      2.995715
5493 Epoch:343 batch_num:2 t_c_loss:1.1345804 t_sl_loss:
      2.995715
5494 Epoch:343 batch_num:3 t_c_loss:1.1549314 t_sl_loss:
      2.995715
5495 Epoch:343 batch_num:4 t_c_loss:1.2049234 t_sl_loss:
      2.995715
5496 Epoch:343 batch_num:5 t_c_loss:1.2183139 t_sl_loss:
      2.995715
5497 Epoch:343 batch_num:6 t_c_loss:1.029229 t_sl_loss:2
      .995715
5498 Epoch:343 batch_num:7 t_c_loss:1.2205632 t_sl_loss:
      2.995715
```

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5499 Epoch:343 batch_num:8 t_c_loss:1.1447551 t_sl_loss:
    2.995715
5500 Epoch:343 batch_num:9 t_c_loss:1.0264599 t_sl_loss:
    2.995715
5501 Epoch:343 batch_num:10 t_c_loss:1.0748348 t_sl_loss
    :2.995715
5502 Epoch:343 batch_num:11 t_c_loss:1.0294498 t_sl_loss
    :2.995715
5503 Epoch:343 batch_num:12 t_c_loss:1.1373749 t_sl_loss
    :2.995715
5504 Epoch:343 batch_num:13 t_c_loss:1.499356 t_sl_loss
    :-0.0
5505 epoch_num:343 accuracy_for_train:0.4329501915708812
5506 epoch_num:343 accuracy_for_test:0.30798479087452474
5507 Epoch:344 batch_num:0 t_c_loss:1.151996 t_sl_loss:2
    .995715
5508 Epoch:344 batch_num:1 t_c_loss:1.2083309 t_sl_loss:
    2.995715
5509 Epoch:344 batch_num:2 t_c_loss:1.2020164 t_sl_loss:
    2.995715
5510 Epoch:344 batch_num:3 t_c_loss:1.1267464 t_sl_loss:
    2.995715
5511 Epoch:344 batch_num:4 t_c_loss:1.1446509 t_sl_loss:
    2.995715
5512 Epoch:344 batch_num:5 t_c_loss:1.1788943 t_sl_loss:
    2.995715
5513 Epoch:344 batch_num:6 t_c_loss:1.0280855 t_sl_loss:
    2.995715
5514 Epoch:344 batch_num:7 t_c_loss:1.0536785 t_sl_loss:
    2.9959486
5515 Epoch:344 batch_num:8 t_c_loss:1.195598 t_sl_loss:2
    .995715
5516 Epoch:344 batch_num:9 t_c_loss:1.1085749 t_sl_loss:
    2.995715
5517 Epoch:344 batch_num:10 t_c_loss:1.1347482 t_sl_loss
    :2.995715
5518 Epoch:344 batch_num:11 t_c_loss:1.2666287 t_sl_loss
    :2.995715
5519 Epoch:344 batch_num:12 t_c_loss:1.1142539 t_sl_loss
    :2.995715
5520 Epoch:344 batch_num:13 t_c_loss:1.3759565 t_sl_loss
```

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5520 :-0.0
5521 epoch_num:344 accuracy_for_train:0.
    48659003831417624
5522 epoch_num:344 accuracy_for_test:0.3231939163498099
5523 Epoch:345 batch_num:0 t_c_loss:1.1117495 t_sl_loss:
    2.995715
5524 Epoch:345 batch_num:1 t_c_loss:1.1596807 t_sl_loss:
    2.995715
5525 Epoch:345 batch_num:2 t_c_loss:1.0712517 t_sl_loss:
    2.995715
5526 Epoch:345 batch_num:3 t_c_loss:1.1400201 t_sl_loss:
    2.995715
5527 Epoch:345 batch_num:4 t_c_loss:1.2275413 t_sl_loss:
    2.995715
5528 Epoch:345 batch_num:5 t_c_loss:1.1489527 t_sl_loss:
    2.995715
5529 Epoch:345 batch_num:6 t_c_loss:1.2728951 t_sl_loss:
    2.995715
5530 Epoch:345 batch_num:7 t_c_loss:1.147577 t_sl_loss:2
    .995715
5531 Epoch:345 batch_num:8 t_c_loss:1.0965666 t_sl_loss:
    2.995715
5532 Epoch:345 batch_num:9 t_c_loss:1.0884655 t_sl_loss:
    2.995715
5533 Epoch:345 batch_num:10 t_c_loss:1.0973469 t_sl_loss
    :2.995715
5534 Epoch:345 batch_num:11 t_c_loss:1.0705736 t_sl_loss
    :2.995715
5535 Epoch:345 batch_num:12 t_c_loss:1.150108 t_sl_loss:
    2.995715
5536 Epoch:345 batch_num:13 t_c_loss:1.4149685 t_sl_loss
    :-0.0
5537 epoch_num:345 accuracy_for_train:0.
    48659003831417624
5538 epoch_num:345 accuracy_for_test:0.30798479087452474
5539 Epoch:346 batch_num:0 t_c_loss:0.9541038 t_sl_loss:
    2.995715
5540 Epoch:346 batch_num:1 t_c_loss:1.0394838 t_sl_loss:
    2.995715
5541 Epoch:346 batch_num:2 t_c_loss:1.0370526 t_sl_loss:
    2.995715
```



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5542 Epoch:346 batch_num:3 t_c_loss:1.136297 t_sl_loss:2
    .995715
5543 Epoch:346 batch_num:4 t_c_loss:1.3734593 t_sl_loss:
    2.995715
5544 Epoch:346 batch_num:5 t_c_loss:1.1380973 t_sl_loss:
    2.995715
5545 Epoch:346 batch_num:6 t_c_loss:1.1611822 t_sl_loss:
    2.995715
5546 Epoch:346 batch_num:7 t_c_loss:1.1481608 t_sl_loss:
    2.995715
5547 Epoch:346 batch_num:8 t_c_loss:1.0496716 t_sl_loss:
    2.995715
5548 Epoch:346 batch_num:9 t_c_loss:1.2869989 t_sl_loss:
    2.995715
5549 Epoch:346 batch_num:10 t_c_loss:1.1720974 t_sl_loss
    :2.995715
5550 Epoch:346 batch_num:11 t_c_loss:0.99217284
    t_sl_loss:2.995715
5551 Epoch:346 batch_num:12 t_c_loss:1.3502649 t_sl_loss
    :2.995715
5552 Epoch:346 batch_num:13 t_c_loss:1.3718302 t_sl_loss
    :-0.0
5553 epoch_num:346 accuracy_for_train:0.4904214559386973
5554 epoch_num:346 accuracy_for_test:0.33079847908745247
5555 Epoch:347 batch_num:0 t_c_loss:1.3451171 t_sl_loss:
    2.995715
5556 Epoch:347 batch_num:1 t_c_loss:1.0904111 t_sl_loss:
    2.995715
5557 Epoch:347 batch_num:2 t_c_loss:1.0394 t_sl_loss:2.
    995715
5558 Epoch:347 batch_num:3 t_c_loss:1.1495616 t_sl_loss:
    2.995715
5559 Epoch:347 batch_num:4 t_c_loss:1.1574858 t_sl_loss:
    2.995715
5560 Epoch:347 batch_num:5 t_c_loss:1.3129737 t_sl_loss:
    2.995715
5561 Epoch:347 batch_num:6 t_c_loss:1.0464646 t_sl_loss:
    2.995715
5562 Epoch:347 batch_num:7 t_c_loss:1.3889738 t_sl_loss:
    2.995715
5563 Epoch:347 batch_num:8 t_c_loss:1.132077 t_sl_loss:2
```

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5563 .995715
5564 Epoch:347 batch_num:9 t_c_loss:1.107167 t_sl_loss:2
    .995715
5565 Epoch:347 batch_num:10 t_c_loss:1.3533195 t_sl_loss
    :2.995715
5566 Epoch:347 batch_num:11 t_c_loss:1.1641036 t_sl_loss
    :2.995715
5567 Epoch:347 batch_num:12 t_c_loss:1.0456553 t_sl_loss
    :2.995715
5568 Epoch:347 batch_num:13 t_c_loss:1.1209091 t_sl_loss
    :-0.0
5569 epoch_num:347 accuracy_for_train:0.4904214559386973
5570 epoch_num:347 accuracy_for_test:0.3193916349809886
5571 Epoch:348 batch_num:0 t_c_loss:1.0571462 t_sl_loss:
    2.995715
5572 Epoch:348 batch_num:1 t_c_loss:1.1892183 t_sl_loss:
    2.995715
5573 Epoch:348 batch_num:2 t_c_loss:1.0922563 t_sl_loss:
    2.995715
5574 Epoch:348 batch_num:3 t_c_loss:1.0870564 t_sl_loss:
    2.995715
5575 Epoch:348 batch_num:4 t_c_loss:1.0211188 t_sl_loss:
    2.995715
5576 Epoch:348 batch_num:5 t_c_loss:1.0938162 t_sl_loss:
    2.995715
5577 Epoch:348 batch_num:6 t_c_loss:0.98813087 t_sl_loss
    :2.995715
5578 Epoch:348 batch_num:7 t_c_loss:1.1456019 t_sl_loss:
    2.995715
5579 Epoch:348 batch_num:8 t_c_loss:1.1939796 t_sl_loss:
    2.995715
5580 Epoch:348 batch_num:9 t_c_loss:1.276992 t_sl_loss:2
    .995715
5581 Epoch:348 batch_num:10 t_c_loss:1.2195113 t_sl_loss
    :2.995715
5582 Epoch:348 batch_num:11 t_c_loss:1.1139082 t_sl_loss
    :2.995715
5583 Epoch:348 batch_num:12 t_c_loss:1.326567 t_sl_loss:
    2.995715
5584 Epoch:348 batch_num:13 t_c_loss:1.893986 t_sl_loss
    :-0.0
```

```
5585 epoch_num:348 accuracy_for_train:0.4789272030651341
5586 epoch_num:348 accuracy_for_test:0.30798479087452474
5587 Epoch:349 batch_num:0 t_c_loss:0.95811254 t_sl_loss
:2.995715
5588 Epoch:349 batch_num:1 t_c_loss:1.1724491 t_sl_loss:
2.995715
5589 Epoch:349 batch_num:2 t_c_loss:1.0728843 t_sl_loss:
2.995715
5590 Epoch:349 batch_num:3 t_c_loss:1.0357101 t_sl_loss:
2.995715
5591 Epoch:349 batch_num:4 t_c_loss:0.86620677 t_sl_loss
:2.995715
5592 Epoch:349 batch_num:5 t_c_loss:1.1590178 t_sl_loss:
2.995715
5593 Epoch:349 batch_num:6 t_c_loss:1.1483359 t_sl_loss:
2.995715
5594 Epoch:349 batch_num:7 t_c_loss:1.1949909 t_sl_loss:
2.995715
5595 Epoch:349 batch_num:8 t_c_loss:1.319401 t_sl_loss:2
.995715
5596 Epoch:349 batch_num:9 t_c_loss:1.2076049 t_sl_loss:
2.995715
5597 Epoch:349 batch_num:10 t_c_loss:1.0528436 t_sl_loss
:2.995715
5598 Epoch:349 batch_num:11 t_c_loss:1.3117467 t_sl_loss
:2.995715
5599 Epoch:349 batch_num:12 t_c_loss:1.2218478 t_sl_loss
:2.995715
5600 Epoch:349 batch_num:13 t_c_loss:1.3586314 t_sl_loss
:-0.0
5601 epoch_num:349 accuracy_for_train:0.4904214559386973
5602 epoch_num:349 accuracy_for_test:0.311787072243346
5603 Epoch:350 batch_num:0 t_c_loss:1.2288467 t_sl_loss:
2.995715
5604 Epoch:350 batch_num:1 t_c_loss:1.1709203 t_sl_loss:
2.995715
5605 Epoch:350 batch_num:2 t_c_loss:1.2548382 t_sl_loss:
2.995715
5606 Epoch:350 batch_num:3 t_c_loss:1.093643 t_sl_loss:2
.995715
5607 Epoch:350 batch_num:4 t_c_loss:1.0784947 t_sl_loss:
```

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5607 2.995715
5608 Epoch:350 batch_num:5 t_c_loss:0.9229058 t_sl_loss:
    2.995715
5609 Epoch:350 batch_num:6 t_c_loss:1.1305892 t_sl_loss:
    2.995715
5610 Epoch:350 batch_num:7 t_c_loss:0.976477 t_sl_loss:2
    .995715
5611 Epoch:350 batch_num:8 t_c_loss:1.2092869 t_sl_loss:
    2.995715
5612 Epoch:350 batch_num:9 t_c_loss:1.1682253 t_sl_loss:
    2.995715
5613 Epoch:350 batch_num:10 t_c_loss:1.2940049 t_sl_loss
    :2.995715
5614 Epoch:350 batch_num:11 t_c_loss:1.0267103 t_sl_loss
    :2.995715
5615 Epoch:350 batch_num:12 t_c_loss:1.1052215 t_sl_loss
    :2.995715
5616 Epoch:350 batch_num:13 t_c_loss:1.3236227 t_sl_loss
    :-0.0
5617 epoch_num:350 accuracy_for_train:0.4942528735632184
5618 epoch_num:350 accuracy_for_test:0.3193916349809886
5619 Epoch:351 batch_num:0 t_c_loss:1.0599881 t_sl_loss:
    2.995715
5620 Epoch:351 batch_num:1 t_c_loss:1.1576118 t_sl_loss:
    2.995715
5621 Epoch:351 batch_num:2 t_c_loss:1.0647829 t_sl_loss:
    2.995715
5622 Epoch:351 batch_num:3 t_c_loss:1.2107213 t_sl_loss:
    2.995715
5623 Epoch:351 batch_num:4 t_c_loss:1.078934 t_sl_loss:2
    .995715
5624 Epoch:351 batch_num:5 t_c_loss:1.1135259 t_sl_loss:
    2.995715
5625 Epoch:351 batch_num:6 t_c_loss:1.2216746 t_sl_loss:
    2.995715
5626 Epoch:351 batch_num:7 t_c_loss:1.1179183 t_sl_loss:
    2.995715
5627 Epoch:351 batch_num:8 t_c_loss:1.126454 t_sl_loss:2
    .995715
5628 Epoch:351 batch_num:9 t_c_loss:1.2392876 t_sl_loss:
    2.995715
```

```
5629 Epoch:351 batch_num:10 t_c_loss:1.27719 t_sl_loss:2
    .995715
5630 Epoch:351 batch_num:11 t_c_loss:1.1344994 t_sl_loss
    :2.995715
5631 Epoch:351 batch_num:12 t_c_loss:0.9699799 t_sl_loss
    :2.995715
5632 Epoch:351 batch_num:13 t_c_loss:1.2675068 t_sl_loss
    :-0.0
5633 epoch_num:351 accuracy_for_train:0.
    48659003831417624
5634 epoch_num:351 accuracy_for_test:0.3269961977186312
5635 Epoch:352 batch_num:0 t_c_loss:1.2076657 t_sl_loss:
    2.995715
5636 Epoch:352 batch_num:1 t_c_loss:1.0419781 t_sl_loss:
    2.995715
5637 Epoch:352 batch_num:2 t_c_loss:1.159494 t_sl_loss:2
    .995715
5638 Epoch:352 batch_num:3 t_c_loss:1.1680443 t_sl_loss:
    2.995715
5639 Epoch:352 batch_num:4 t_c_loss:1.047313 t_sl_loss:2
    .995715
5640 Epoch:352 batch_num:5 t_c_loss:1.0514879 t_sl_loss:
    2.995715
5641 Epoch:352 batch_num:6 t_c_loss:1.3775345 t_sl_loss:
    2.995715
5642 Epoch:352 batch_num:7 t_c_loss:1.1040924 t_sl_loss:
    2.995715
5643 Epoch:352 batch_num:8 t_c_loss:1.1465133 t_sl_loss:
    2.995715
5644 Epoch:352 batch_num:9 t_c_loss:0.99022925 t_sl_loss
    :2.995715
5645 Epoch:352 batch_num:10 t_c_loss:1.1757802 t_sl_loss
    :2.9957144
5646 Epoch:352 batch_num:11 t_c_loss:1.3422033 t_sl_loss
    :2.995715
5647 Epoch:352 batch_num:12 t_c_loss:1.211422 t_sl_loss:
    2.9957144
5648 Epoch:352 batch_num:13 t_c_loss:1.1576785 t_sl_loss
    :-0.0
5649 epoch_num:352 accuracy_for_train:0.5019157088122606
5650 epoch_num:352 accuracy_for_test:0.311787072243346
```

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5651 Epoch:353 batch_num:0 t_c_loss:1.230653 t_sl_loss:2
    .995715
5652 Epoch:353 batch_num:1 t_c_loss:1.0429147 t_sl_loss:
    2.995715
5653 Epoch:353 batch_num:2 t_c_loss:1.2321692 t_sl_loss:
    2.995715
5654 Epoch:353 batch_num:3 t_c_loss:0.94705534 t_sl_loss
    :2.995715
5655 Epoch:353 batch_num:4 t_c_loss:1.1508876 t_sl_loss:
    2.9967315
5656 Epoch:353 batch_num:5 t_c_loss:1.2006406 t_sl_loss:
    2.995715
5657 Epoch:353 batch_num:6 t_c_loss:1.1082549 t_sl_loss:
    2.995715
5658 Epoch:353 batch_num:7 t_c_loss:1.1056826 t_sl_loss:
    2.9957151
5659 Epoch:353 batch_num:8 t_c_loss:1.4303318 t_sl_loss:
    2.995715
5660 Epoch:353 batch_num:9 t_c_loss:1.1487806 t_sl_loss:
    2.995715
5661 Epoch:353 batch_num:10 t_c_loss:0.95331585
    t_sl_loss:2.995715
5662 Epoch:353 batch_num:11 t_c_loss:1.2187698 t_sl_loss
    :2.995715
5663 Epoch:353 batch_num:12 t_c_loss:1.1623557 t_sl_loss
    :2.995715
5664 Epoch:353 batch_num:13 t_c_loss:1.8643651 t_sl_loss
    :-0.0
5665 epoch_num:353 accuracy_for_train:0.4827586206896552
5666 epoch_num:353 accuracy_for_test:0.30798479087452474
5667 Epoch:354 batch_num:0 t_c_loss:1.1537583 t_sl_loss:
    2.995715
5668 Epoch:354 batch_num:1 t_c_loss:1.2943186 t_sl_loss:
    2.995715
5669 Epoch:354 batch_num:2 t_c_loss:1.0717423 t_sl_loss:
    2.995715
5670 Epoch:354 batch_num:3 t_c_loss:1.0616218 t_sl_loss:
    2.995715
5671 Epoch:354 batch_num:4 t_c_loss:1.1530838 t_sl_loss:
    2.995715
5672 Epoch:354 batch_num:5 t_c_loss:1.1565764 t_sl_loss:

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5672 2.995715
5673 Epoch:354 batch_num:6 t_c_loss:1.0544044 t_sl_loss:
    2.995715
5674 Epoch:354 batch_num:7 t_c_loss:0.9581625 t_sl_loss:
    2.995715
5675 Epoch:354 batch_num:8 t_c_loss:1.1803457 t_sl_loss:
    2.995715
5676 Epoch:354 batch_num:9 t_c_loss:1.217134 t_sl_loss:2
    .995715
5677 Epoch:354 batch_num:10 t_c_loss:1.1364024 t_sl_loss
    :2.995715
5678 Epoch:354 batch_num:11 t_c_loss:1.2804205 t_sl_loss
    :2.995715
5679 Epoch:354 batch_num:12 t_c_loss:1.156615 t_sl_loss:
    2.995715
5680 Epoch:354 batch_num:13 t_c_loss:1.7532927 t_sl_loss
    :-0.0
5681 epoch_num:354 accuracy_for_train:0.
    46360153256704983
5682 epoch_num:354 accuracy_for_test:0.35361216730038025
5683 Epoch:355 batch_num:0 t_c_loss:1.1540482 t_sl_loss:
    2.995715
5684 Epoch:355 batch_num:1 t_c_loss:1.2459679 t_sl_loss:
    2.995715
5685 Epoch:355 batch_num:2 t_c_loss:1.1346105 t_sl_loss:
    2.995715
5686 Epoch:355 batch_num:3 t_c_loss:1.212041 t_sl_loss:2
    .995715
5687 Epoch:355 batch_num:4 t_c_loss:0.93546474 t_sl_loss
    :2.995715
5688 Epoch:355 batch_num:5 t_c_loss:1.1173252 t_sl_loss:
    2.995715
5689 Epoch:355 batch_num:6 t_c_loss:1.1038585 t_sl_loss:
    2.995715
5690 Epoch:355 batch_num:7 t_c_loss:1.029297 t_sl_loss:2
    .995715
5691 Epoch:355 batch_num:8 t_c_loss:1.1374986 t_sl_loss:
    2.995715
5692 Epoch:355 batch_num:9 t_c_loss:1.0689993 t_sl_loss:
    2.995715
5693 Epoch:355 batch_num:10 t_c_loss:1.2417777 t_sl_loss
```

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5693 :2.995715
5694 Epoch:355 batch_num:11 t_c_loss:1.1498654 t_sl_loss
      :2.995715
5695 Epoch:355 batch_num:12 t_c_loss:1.0753431 t_sl_loss
      :2.995715
5696 Epoch:355 batch_num:13 t_c_loss:1.588469 t_sl_loss
      :-0.0
5697 epoch_num:355 accuracy_for_train:0.
      42528735632183906
5698 epoch_num:355 accuracy_for_test:0.2965779467680608
5699 Epoch:356 batch_num:0 t_c_loss:1.2520092 t_sl_loss:
      2.995715
5700 Epoch:356 batch_num:1 t_c_loss:1.196573 t_sl_loss:2
      .995715
5701 Epoch:356 batch_num:2 t_c_loss:1.2404814 t_sl_loss:
      2.9957151
5702 Epoch:356 batch_num:3 t_c_loss:1.118187 t_sl_loss:2
      .9957154
5703 Epoch:356 batch_num:4 t_c_loss:1.1884216 t_sl_loss:
      2.995715
5704 Epoch:356 batch_num:5 t_c_loss:1.123256 t_sl_loss:2
      .995715
5705 Epoch:356 batch_num:6 t_c_loss:1.1221206 t_sl_loss:
      2.995715
5706 Epoch:356 batch_num:7 t_c_loss:1.0514529 t_sl_loss:
      2.995715
5707 Epoch:356 batch_num:8 t_c_loss:1.1472387 t_sl_loss:
      2.995715
5708 Epoch:356 batch_num:9 t_c_loss:1.0056311 t_sl_loss:
      2.995715
5709 Epoch:356 batch_num:10 t_c_loss:1.137673 t_sl_loss:
      2.995715
5710 Epoch:356 batch_num:11 t_c_loss:0.9782699 t_sl_loss
      :2.995715
5711 Epoch:356 batch_num:12 t_c_loss:0.98441535
      t_sl_loss:2.995715
5712 Epoch:356 batch_num:13 t_c_loss:1.0987364 t_sl_loss
      :-0.0
5713 epoch_num:356 accuracy_for_train:0.4942528735632184
5714 epoch_num:356 accuracy_for_test:0.3155893536121673
5715 Epoch:357 batch_num:0 t_c_loss:1.1160614 t_sl_loss:
```



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5715 2.995715
5716 Epoch:357 batch_num:1 t_c_loss:1.1612066 t_sl_loss:
      2.995715
5717 Epoch:357 batch_num:2 t_c_loss:1.0521566 t_sl_loss:
      2.995715
5718 Epoch:357 batch_num:3 t_c_loss:1.0846251 t_sl_loss:
      2.995715
5719 Epoch:357 batch_num:4 t_c_loss:1.182077 t_sl_loss:2
      .995715
5720 Epoch:357 batch_num:5 t_c_loss:1.1918513 t_sl_loss:
      2.995715
5721 Epoch:357 batch_num:6 t_c_loss:1.1287675 t_sl_loss:
      2.995715
5722 Epoch:357 batch_num:7 t_c_loss:1.0240443 t_sl_loss:
      2.995715
5723 Epoch:357 batch_num:8 t_c_loss:1.0950961 t_sl_loss:
      2.995715
5724 Epoch:357 batch_num:9 t_c_loss:1.1125131 t_sl_loss:
      2.995715
5725 Epoch:357 batch_num:10 t_c_loss:0.9795476 t_sl_loss
      :2.995715
5726 Epoch:357 batch_num:11 t_c_loss:1.0845717 t_sl_loss
      :2.995715
5727 Epoch:357 batch_num:12 t_c_loss:1.3429564 t_sl_loss
      :2.995715
5728 Epoch:357 batch_num:13 t_c_loss:1.6230866 t_sl_loss
      :-0.0
5729 epoch_num:357 accuracy_for_train:0.
      45977011494252873
5730 epoch_num:357 accuracy_for_test:0.34980988593155893
5731 Epoch:358 batch_num:0 t_c_loss:1.077374 t_sl_loss:2
      .995715
5732 Epoch:358 batch_num:1 t_c_loss:1.144956 t_sl_loss:2
      .995715
5733 Epoch:358 batch_num:2 t_c_loss:1.0217389 t_sl_loss:
      2.995715
5734 Epoch:358 batch_num:3 t_c_loss:1.1757045 t_sl_loss:
      2.995715
5735 Epoch:358 batch_num:4 t_c_loss:1.2777501 t_sl_loss:
      2.995715
5736 Epoch:358 batch_num:5 t_c_loss:1.1412363 t_sl_loss:
```

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5736 2.995715
5737 Epoch:358 batch_num:6 t_c_loss:1.029127 t_sl_loss:2
    .995715
5738 Epoch:358 batch_num:7 t_c_loss:1.2098459 t_sl_loss:
    2.995715
5739 Epoch:358 batch_num:8 t_c_loss:1.1990159 t_sl_loss:
    2.995715
5740 Epoch:358 batch_num:9 t_c_loss:1.2937799 t_sl_loss:
    2.995715
5741 Epoch:358 batch_num:10 t_c_loss:1.1383665 t_sl_loss
    :2.995715
5742 Epoch:358 batch_num:11 t_c_loss:1.0034032 t_sl_loss
    :2.995715
5743 Epoch:358 batch_num:12 t_c_loss:1.1780527 t_sl_loss
    :2.995715
5744 Epoch:358 batch_num:13 t_c_loss:1.5352871 t_sl_loss
    :-0.0
5745 epoch_num:358 accuracy_for_train:0.
    47126436781609193
5746 epoch_num:358 accuracy_for_test:0.3269961977186312
5747 Epoch:359 batch_num:0 t_c_loss:1.1627672 t_sl_loss:
    2.995715
5748 Epoch:359 batch_num:1 t_c_loss:1.033601 t_sl_loss:2
    .995715
5749 Epoch:359 batch_num:2 t_c_loss:0.99096215 t_sl_loss
    :2.995715
5750 Epoch:359 batch_num:3 t_c_loss:1.3067919 t_sl_loss:
    2.995715
5751 Epoch:359 batch_num:4 t_c_loss:1.237928 t_sl_loss:2
    .995715
5752 Epoch:359 batch_num:5 t_c_loss:1.0218093 t_sl_loss:
    2.995715
5753 Epoch:359 batch_num:6 t_c_loss:1.2038066 t_sl_loss:
    2.995715
5754 Epoch:359 batch_num:7 t_c_loss:1.0529249 t_sl_loss:
    2.995715
5755 Epoch:359 batch_num:8 t_c_loss:0.957693 t_sl_loss:2
    .995715
5756 Epoch:359 batch_num:9 t_c_loss:1.1142962 t_sl_loss:
    2.995715
5757 Epoch:359 batch_num:10 t_c_loss:1.1546451 t_sl_loss
```

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5757 :2.995715
5758 Epoch:359 batch_num:11 t_c_loss:1.0596378 t_sl_loss
      :2.995715
5759 Epoch:359 batch_num:12 t_c_loss:1.3714335 t_sl_loss
      :2.995715
5760 Epoch:359 batch_num:13 t_c_loss:1.5083108 t_sl_loss
      :-0.0
5761 epoch_num:359 accuracy_for_train:0.
      47509578544061304
5762 epoch_num:359 accuracy_for_test:0.33840304182509506
5763 Epoch:360 batch_num:0 t_c_loss:1.1989632 t_sl_loss:
      2.995715
5764 Epoch:360 batch_num:1 t_c_loss:1.2500346 t_sl_loss:
      2.995715
5765 Epoch:360 batch_num:2 t_c_loss:1.232836 t_sl_loss:2
      .995715
5766 Epoch:360 batch_num:3 t_c_loss:1.140444 t_sl_loss:2
      .995715
5767 Epoch:360 batch_num:4 t_c_loss:1.1764691 t_sl_loss:
      2.995715
5768 Epoch:360 batch_num:5 t_c_loss:1.0363475 t_sl_loss:
      2.995718
5769 Epoch:360 batch_num:6 t_c_loss:1.071795 t_sl_loss:2
      .995715
5770 Epoch:360 batch_num:7 t_c_loss:1.093792 t_sl_loss:2
      .9957147
5771 Epoch:360 batch_num:8 t_c_loss:1.1051475 t_sl_loss:
      2.995715
5772 Epoch:360 batch_num:9 t_c_loss:1.1878929 t_sl_loss:
      2.995715
5773 Epoch:360 batch_num:10 t_c_loss:0.99540913
      t_sl_loss:2.995715
5774 Epoch:360 batch_num:11 t_c_loss:1.1124053 t_sl_loss
      :2.995715
5775 Epoch:360 batch_num:12 t_c_loss:1.1863345 t_sl_loss
      :2.995715
5776 Epoch:360 batch_num:13 t_c_loss:1.3032265 t_sl_loss
      :-0.0
5777 epoch_num:360 accuracy_for_train:0.4789272030651341
5778 epoch_num:360 accuracy_for_test:0.30038022813688214
5779 Epoch:361 batch_num:0 t_c_loss:1.180737 t_sl_loss:2
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5779 .995715
5780 Epoch:361 batch_num:1 t_c_loss:1.0269959 t_sl_loss:
    2.9957151
5781 Epoch:361 batch_num:2 t_c_loss:1.3828112 t_sl_loss:
    2.995715
5782 Epoch:361 batch_num:3 t_c_loss:0.97325194 t_sl_loss
    :2.995715
5783 Epoch:361 batch_num:4 t_c_loss:1.0471042 t_sl_loss:
    2.995715
5784 Epoch:361 batch_num:5 t_c_loss:1.0404886 t_sl_loss:
    2.995715
5785 Epoch:361 batch_num:6 t_c_loss:1.0754536 t_sl_loss:
    2.997297
5786 Epoch:361 batch_num:7 t_c_loss:1.0343623 t_sl_loss:
    2.995715
5787 Epoch:361 batch_num:8 t_c_loss:1.0973299 t_sl_loss:
    2.995715
5788 Epoch:361 batch_num:9 t_c_loss:1.2091341 t_sl_loss:
    2.995715
5789 Epoch:361 batch_num:10 t_c_loss:1.2043855 t_sl_loss
    :2.9957278
5790 Epoch:361 batch_num:11 t_c_loss:1.303467 t_sl_loss:
    2.995715
5791 Epoch:361 batch_num:12 t_c_loss:1.217781 t_sl_loss:
    2.995715
5792 Epoch:361 batch_num:13 t_c_loss:1.5468426 t_sl_loss
    :-0.0
5793 epoch_num:361 accuracy_for_train:0.421455938697318
5794 epoch_num:361 accuracy_for_test:0.2889733840304182
5795 Epoch:362 batch_num:0 t_c_loss:1.0679462 t_sl_loss:
    2.995715
5796 Epoch:362 batch_num:1 t_c_loss:1.14262 t_sl_loss:2.
    9957151
5797 Epoch:362 batch_num:2 t_c_loss:1.0652593 t_sl_loss:
    2.9957151
5798 Epoch:362 batch_num:3 t_c_loss:1.2369478 t_sl_loss:
    2.995715
5799 Epoch:362 batch_num:4 t_c_loss:1.3443232 t_sl_loss:
    2.995715
5800 Epoch:362 batch_num:5 t_c_loss:1.0992732 t_sl_loss:
    2.995715
```

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5801 Epoch:362 batch_num:6 t_c_loss:1.107506 t_sl_loss:2
    .995715
5802 Epoch:362 batch_num:7 t_c_loss:0.9949934 t_sl_loss:
    2.995715
5803 Epoch:362 batch_num:8 t_c_loss:1.2345083 t_sl_loss:
    2.995715
5804 Epoch:362 batch_num:9 t_c_loss:1.3395193 t_sl_loss:
    2.995715
5805 Epoch:362 batch_num:10 t_c_loss:0.9988449 t_sl_loss
    :2.995715
5806 Epoch:362 batch_num:11 t_c_loss:1.15303 t_sl_loss:2
    .995715
5807 Epoch:362 batch_num:12 t_c_loss:1.106498 t_sl_loss:
    2.995715
5808 Epoch:362 batch_num:13 t_c_loss:1.4442841 t_sl_loss
    :-0.0
5809 epoch_num:362 accuracy_for_train:0.4942528735632184
5810 epoch_num:362 accuracy_for_test:0.3155893536121673
5811 Epoch:363 batch_num:0 t_c_loss:1.0676663 t_sl_loss:
    2.995715
5812 Epoch:363 batch_num:1 t_c_loss:1.0983007 t_sl_loss:
    2.995715
5813 Epoch:363 batch_num:2 t_c_loss:1.3188878 t_sl_loss:
    2.995715
5814 Epoch:363 batch_num:3 t_c_loss:1.1933852 t_sl_loss:
    2.995715
5815 Epoch:363 batch_num:4 t_c_loss:1.055074 t_sl_loss:2
    .995715
5816 Epoch:363 batch_num:5 t_c_loss:1.2560856 t_sl_loss:
    2.995715
5817 Epoch:363 batch_num:6 t_c_loss:1.3508539 t_sl_loss:
    2.9957147
5818 Epoch:363 batch_num:7 t_c_loss:0.9500717 t_sl_loss:
    2.995715
5819 Epoch:363 batch_num:8 t_c_loss:1.0127512 t_sl_loss:
    2.995715
5820 Epoch:363 batch_num:9 t_c_loss:1.2928332 t_sl_loss:
    2.995715
5821 Epoch:363 batch_num:10 t_c_loss:1.0624099 t_sl_loss
    :2.995715
5822 Epoch:363 batch_num:11 t_c_loss:1.1713699 t_sl_loss
```

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5822 :2.995715
5823 Epoch:363 batch_num:12 t_c_loss:1.131994 t_sl_loss:
    2.995715
5824 Epoch:363 batch_num:13 t_c_loss:1.269146 t_sl_loss
    :-0.0
5825 epoch_num:363 accuracy_for_train:0.
    41762452107279696
5826 epoch_num:363 accuracy_for_test:0.2813688212927757
5827 Epoch:364 batch_num:0 t_c_loss:1.1813707 t_sl_loss:
    2.995715
5828 Epoch:364 batch_num:1 t_c_loss:0.9293482 t_sl_loss:
    2.995715
5829 Epoch:364 batch_num:2 t_c_loss:1.0140145 t_sl_loss:
    2.995714
5830 Epoch:364 batch_num:3 t_c_loss:0.996085 t_sl_loss:2
    .995715
5831 Epoch:364 batch_num:4 t_c_loss:1.2709739 t_sl_loss:
    2.995715
5832 Epoch:364 batch_num:5 t_c_loss:1.10127 t_sl_loss:2.
    995715
5833 Epoch:364 batch_num:6 t_c_loss:1.1293021 t_sl_loss:
    2.995715
5834 Epoch:364 batch_num:7 t_c_loss:1.2425892 t_sl_loss:
    2.995715
5835 Epoch:364 batch_num:8 t_c_loss:1.23519 t_sl_loss:2.
    995715
5836 Epoch:364 batch_num:9 t_c_loss:1.5086523 t_sl_loss:
    2.995715
5837 Epoch:364 batch_num:10 t_c_loss:0.9511205 t_sl_loss
    :2.995715
5838 Epoch:364 batch_num:11 t_c_loss:1.2093031 t_sl_loss
    :2.995715
5839 Epoch:364 batch_num:12 t_c_loss:1.2787813 t_sl_loss
    :2.995715
5840 Epoch:364 batch_num:13 t_c_loss:1.4454186 t_sl_loss
    :-0.0
5841 epoch_num:364 accuracy_for_train:0.4827586206896552
5842 epoch_num:364 accuracy_for_test:0.3155893536121673
5843 Epoch:365 batch_num:0 t_c_loss:1.0400429 t_sl_loss:
    2.995715
5844 Epoch:365 batch_num:1 t_c_loss:1.0498496 t_sl_loss:
```

```
5844 2.995715
5845 Epoch:365 batch_num:2 t_c_loss:0.9613107 t_sl_loss:
      2.995715
5846 Epoch:365 batch_num:3 t_c_loss:1.0402936 t_sl_loss:
      2.995715
5847 Epoch:365 batch_num:4 t_c_loss:1.2288625 t_sl_loss:
      2.995715
5848 Epoch:365 batch_num:5 t_c_loss:1.1284275 t_sl_loss:
      2.995715
5849 Epoch:365 batch_num:6 t_c_loss:1.1119686 t_sl_loss:
      2.995715
5850 Epoch:365 batch_num:7 t_c_loss:1.5319033 t_sl_loss:
      2.995715
5851 Epoch:365 batch_num:8 t_c_loss:1.0848751 t_sl_loss:
      2.995715
5852 Epoch:365 batch_num:9 t_c_loss:1.0516819 t_sl_loss:
      2.995715
5853 Epoch:365 batch_num:10 t_c_loss:1.0607436 t_sl_loss
      :2.995715
5854 Epoch:365 batch_num:11 t_c_loss:1.1458237 t_sl_loss
      :2.995715
5855 Epoch:365 batch_num:12 t_c_loss:1.1493933 t_sl_loss
      :2.995715
5856 Epoch:365 batch_num:13 t_c_loss:1.1402808 t_sl_loss
      :-0.0
5857 epoch_num:365 accuracy_for_train:0.4904214559386973
5858 epoch_num:365 accuracy_for_test:0.3155893536121673
5859 Epoch:366 batch_num:0 t_c_loss:1.1828262 t_sl_loss:
      2.995715
5860 Epoch:366 batch_num:1 t_c_loss:1.0673646 t_sl_loss:
      2.995715
5861 Epoch:366 batch_num:2 t_c_loss:0.98393714 t_sl_loss
      :2.995715
5862 Epoch:366 batch_num:3 t_c_loss:1.006458 t_sl_loss:2
      .995715
5863 Epoch:366 batch_num:4 t_c_loss:1.2094959 t_sl_loss:
      2.995715
5864 Epoch:366 batch_num:5 t_c_loss:0.9706237 t_sl_loss:
      2.995715
5865 Epoch:366 batch_num:6 t_c_loss:1.2153685 t_sl_loss:
      2.995715
```

```
5866 Epoch:366 batch_num:7 t_c_loss:1.208327 t_sl_loss:2
    .995715
5867 Epoch:366 batch_num:8 t_c_loss:1.1084507 t_sl_loss:
    2.995715
5868 Epoch:366 batch_num:9 t_c_loss:0.9837867 t_sl_loss:
    2.995715
5869 Epoch:366 batch_num:10 t_c_loss:1.2104163 t_sl_loss
    :2.995715
5870 Epoch:366 batch_num:11 t_c_loss:1.1276782 t_sl_loss
    :2.995715
5871 Epoch:366 batch_num:12 t_c_loss:1.1642863 t_sl_loss
    :2.995715
5872 Epoch:366 batch_num:13 t_c_loss:1.2726082 t_sl_loss
    :-0.0
5873 epoch_num:366 accuracy_for_train:0.4444444444444444
5874 epoch_num:366 accuracy_for_test:0.30798479087452474
5875 Epoch:367 batch_num:0 t_c_loss:1.304651 t_sl_loss:2
    .995715
5876 Epoch:367 batch_num:1 t_c_loss:0.9747187 t_sl_loss:
    2.995715
5877 Epoch:367 batch_num:2 t_c_loss:1.2527975 t_sl_loss:
    2.995715
5878 Epoch:367 batch_num:3 t_c_loss:1.1006209 t_sl_loss:
    2.995715
5879 Epoch:367 batch_num:4 t_c_loss:0.9599093 t_sl_loss:
    2.995715
5880 Epoch:367 batch_num:5 t_c_loss:1.2470723 t_sl_loss:
    2.995715
5881 Epoch:367 batch_num:6 t_c_loss:0.9997586 t_sl_loss:
    2.995715
5882 Epoch:367 batch_num:7 t_c_loss:1.1223447 t_sl_loss:
    2.995715
5883 Epoch:367 batch_num:8 t_c_loss:0.94502765 t_sl_loss
    :2.995715
5884 Epoch:367 batch_num:9 t_c_loss:0.98494947 t_sl_loss
    :2.995715
5885 Epoch:367 batch_num:10 t_c_loss:1.0946834 t_sl_loss
    :2.995715
5886 Epoch:367 batch_num:11 t_c_loss:1.2518296 t_sl_loss
    :2.995715
5887 Epoch:367 batch_num:12 t_c_loss:1.2919774 t_sl_loss
```



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5887 :2.995715
5888 Epoch:367 batch_num:13 t_c_loss:1.4233481 t_sl_loss
      :-0.0
5889 epoch_num:367 accuracy_for_train:0.4329501915708812
5890 epoch_num:367 accuracy_for_test:0.30798479087452474
5891 Epoch:368 batch_num:0 t_c_loss:1.0076492 t_sl_loss:
      2.995715
5892 Epoch:368 batch_num:1 t_c_loss:1.1683592 t_sl_loss:
      2.995715
5893 Epoch:368 batch_num:2 t_c_loss:1.189423 t_sl_loss:2
      .995715
5894 Epoch:368 batch_num:3 t_c_loss:1.0678517 t_sl_loss:
      2.995715
5895 Epoch:368 batch_num:4 t_c_loss:1.0065377 t_sl_loss:
      2.995715
5896 Epoch:368 batch_num:5 t_c_loss:1.1376427 t_sl_loss:
      2.995715
5897 Epoch:368 batch_num:6 t_c_loss:1.3122194 t_sl_loss:
      2.995715
5898 Epoch:368 batch_num:7 t_c_loss:0.9916166 t_sl_loss:
      2.995715
5899 Epoch:368 batch_num:8 t_c_loss:1.1694723 t_sl_loss:
      2.995715
5900 Epoch:368 batch_num:9 t_c_loss:1.0937269 t_sl_loss:
      2.995715
5901 Epoch:368 batch_num:10 t_c_loss:1.3612783 t_sl_loss
      :2.995715
5902 Epoch:368 batch_num:11 t_c_loss:0.96069384
      t_sl_loss:2.995715
5903 Epoch:368 batch_num:12 t_c_loss:1.310908 t_sl_loss:
      2.995715
5904 Epoch:368 batch_num:13 t_c_loss:1.5918242 t_sl_loss
      :-0.0
5905 epoch_num:368 accuracy_for_train:0.5019157088122606
5906 epoch_num:368 accuracy_for_test:0.3269961977186312
5907 Epoch:369 batch_num:0 t_c_loss:1.0919267 t_sl_loss:
      2.995715
5908 Epoch:369 batch_num:1 t_c_loss:1.104397 t_sl_loss:2
      .995715
5909 Epoch:369 batch_num:2 t_c_loss:1.0887204 t_sl_loss:
      2.995715
```

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5910 Epoch:369 batch_num:3 t_c_loss:1.2252536 t_sl_loss:
    2.995715
5911 Epoch:369 batch_num:4 t_c_loss:1.1007326 t_sl_loss:
    2.995715
5912 Epoch:369 batch_num:5 t_c_loss:1.1536834 t_sl_loss:
    2.995715
5913 Epoch:369 batch_num:6 t_c_loss:0.87619114 t_sl_loss
    :2.995715
5914 Epoch:369 batch_num:7 t_c_loss:1.1527857 t_sl_loss:
    2.995715
5915 Epoch:369 batch_num:8 t_c_loss:1.2565701 t_sl_loss:
    2.995715
5916 Epoch:369 batch_num:9 t_c_loss:1.2338096 t_sl_loss:
    2.995715
5917 Epoch:369 batch_num:10 t_c_loss:1.0964433 t_sl_loss
    :2.995715
5918 Epoch:369 batch_num:11 t_c_loss:1.0030276 t_sl_loss
    :2.995715
5919 Epoch:369 batch_num:12 t_c_loss:1.0525945 t_sl_loss
    :2.995715
5920 Epoch:369 batch_num:13 t_c_loss:1.3576069 t_sl_loss
    :-0.0
5921 epoch_num:369 accuracy_for_train:0.4904214559386973
5922 epoch_num:369 accuracy_for_test:0.3231939163498099
5923 Epoch:370 batch_num:0 t_c_loss:1.0328777 t_sl_loss:
    2.995715
5924 Epoch:370 batch_num:1 t_c_loss:1.1204431 t_sl_loss:
    2.995715
5925 Epoch:370 batch_num:2 t_c_loss:1.0856913 t_sl_loss:
    2.995715
5926 Epoch:370 batch_num:3 t_c_loss:1.09973 t_sl_loss:2.
    995715
5927 Epoch:370 batch_num:4 t_c_loss:1.244375 t_sl_loss:2
    .995715
5928 Epoch:370 batch_num:5 t_c_loss:1.4507911 t_sl_loss:
    2.995715
5929 Epoch:370 batch_num:6 t_c_loss:0.97010076 t_sl_loss
    :2.995715
5930 Epoch:370 batch_num:7 t_c_loss:1.0487587 t_sl_loss:
    2.995715
5931 Epoch:370 batch_num:8 t_c_loss:1.0426185 t_sl_loss:
```

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5931 2.995715
5932 Epoch:370 batch_num:9 t_c_loss:1.0218526 t_sl_loss:
    2.995715
5933 Epoch:370 batch_num:10 t_c_loss:1.48477 t_sl_loss:2
    .995715
5934 Epoch:370 batch_num:11 t_c_loss:1.2743586 t_sl_loss
    :2.995715
5935 Epoch:370 batch_num:12 t_c_loss:1.1527575 t_sl_loss
    :2.995715
5936 Epoch:370 batch_num:13 t_c_loss:1.212032 t_sl_loss
    :-0.0
5937 epoch_num:370 accuracy_for_train:0.
    49808429118773945
5938 epoch_num:370 accuracy_for_test:0.3041825095057034
5939 Epoch:371 batch_num:0 t_c_loss:1.1635053 t_sl_loss:
    2.995715
5940 Epoch:371 batch_num:1 t_c_loss:1.3084548 t_sl_loss:
    2.995715
5941 Epoch:371 batch_num:2 t_c_loss:1.1966491 t_sl_loss:
    2.995715
5942 Epoch:371 batch_num:3 t_c_loss:1.1388223 t_sl_loss:
    2.995715
5943 Epoch:371 batch_num:4 t_c_loss:0.9989284 t_sl_loss:
    2.995715
5944 Epoch:371 batch_num:5 t_c_loss:1.2605914 t_sl_loss:
    2.9957151
5945 Epoch:371 batch_num:6 t_c_loss:1.2933515 t_sl_loss:
    2.995715
5946 Epoch:371 batch_num:7 t_c_loss:1.1336395 t_sl_loss:
    2.995715
5947 Epoch:371 batch_num:8 t_c_loss:0.91151655 t_sl_loss
    :2.995715
5948 Epoch:371 batch_num:9 t_c_loss:0.99856746 t_sl_loss
    :2.995715
5949 Epoch:371 batch_num:10 t_c_loss:1.005514 t_sl_loss:
    2.995715
5950 Epoch:371 batch_num:11 t_c_loss:0.99366474
    t_sl_loss:2.995715
5951 Epoch:371 batch_num:12 t_c_loss:1.2177032 t_sl_loss
    :2.995715
5952 Epoch:371 batch_num:13 t_c_loss:1.1841872 t_sl_loss
```

```
5952 :-0.0
5953 epoch_num:371 accuracy_for_train:0.4827586206896552
5954 epoch_num:371 accuracy_for_test:0.33460076045627374
5955 Epoch:372 batch_num:0 t_c_loss:1.2115202 t_sl_loss:
    2.995715
5956 Epoch:372 batch_num:1 t_c_loss:1.2043868 t_sl_loss:
    2.995715
5957 Epoch:372 batch_num:2 t_c_loss:1.1330993 t_sl_loss:
    2.995715
5958 Epoch:372 batch_num:3 t_c_loss:1.158186 t_sl_loss:2
    .995715
5959 Epoch:372 batch_num:4 t_c_loss:1.3234445 t_sl_loss:
    2.995715
5960 Epoch:372 batch_num:5 t_c_loss:1.1921909 t_sl_loss:
    2.995715
5961 Epoch:372 batch_num:6 t_c_loss:1.0330496 t_sl_loss:
    2.995715
5962 Epoch:372 batch_num:7 t_c_loss:1.1738194 t_sl_loss:
    2.995715
5963 Epoch:372 batch_num:8 t_c_loss:1.313179 t_sl_loss:2
    .995715
5964 Epoch:372 batch_num:9 t_c_loss:1.0785414 t_sl_loss:
    2.995715
5965 Epoch:372 batch_num:10 t_c_loss:0.9571298 t_sl_loss
    :2.995715
5966 Epoch:372 batch_num:11 t_c_loss:1.0997424 t_sl_loss
    :2.9972105
5967 Epoch:372 batch_num:12 t_c_loss:0.95442516
    t_sl_loss:2.995715
5968 Epoch:372 batch_num:13 t_c_loss:1.4206127 t_sl_loss
    :-0.0
5969 epoch_num:372 accuracy_for_train:0.
    49808429118773945
5970 epoch_num:372 accuracy_for_test:0.30798479087452474
5971 Epoch:373 batch_num:0 t_c_loss:1.2130545 t_sl_loss:
    2.995715
5972 Epoch:373 batch_num:1 t_c_loss:1.1564901 t_sl_loss:
    2.995715
5973 Epoch:373 batch_num:2 t_c_loss:1.2419001 t_sl_loss:
    2.995715
5974 Epoch:373 batch_num:3 t_c_loss:1.0256712 t_sl_loss:
```

```
5974 2.995715
5975 Epoch:373 batch_num:4 t_c_loss:1.1694456 t_sl_loss:
    2.995715
5976 Epoch:373 batch_num:5 t_c_loss:1.0432167 t_sl_loss:
    2.995715
5977 Epoch:373 batch_num:6 t_c_loss:0.99720734 t_sl_loss
    :2.995715
5978 Epoch:373 batch_num:7 t_c_loss:1.2399445 t_sl_loss:
    2.995715
5979 Epoch:373 batch_num:8 t_c_loss:1.0578405 t_sl_loss:
    2.995715
5980 Epoch:373 batch_num:9 t_c_loss:1.0746098 t_sl_loss:
    2.995715
5981 Epoch:373 batch_num:10 t_c_loss:1.2226472 t_sl_loss
    :2.995715
5982 Epoch:373 batch_num:11 t_c_loss:1.0385187 t_sl_loss
    :2.995715
5983 Epoch:373 batch_num:12 t_c_loss:1.1185762 t_sl_loss
    :2.995715
5984 Epoch:373 batch_num:13 t_c_loss:1.587354 t_sl_loss
    :-0.0
5985 epoch_num:373 accuracy_for_train:0.4482758620689655
5986 epoch_num:373 accuracy_for_test:0.3269961977186312
5987 Epoch:374 batch_num:0 t_c_loss:1.2308772 t_sl_loss:
    2.995715
5988 Epoch:374 batch_num:1 t_c_loss:1.0132276 t_sl_loss:
    2.995715
5989 Epoch:374 batch_num:2 t_c_loss:1.0543861 t_sl_loss:
    2.995715
5990 Epoch:374 batch_num:3 t_c_loss:1.0722523 t_sl_loss:
    2.995715
5991 Epoch:374 batch_num:4 t_c_loss:1.2372158 t_sl_loss:
    2.995715
5992 Epoch:374 batch_num:5 t_c_loss:1.2233475 t_sl_loss:
    2.995715
5993 Epoch:374 batch_num:6 t_c_loss:1.1710999 t_sl_loss:
    2.995715
5994 Epoch:374 batch_num:7 t_c_loss:1.2199812 t_sl_loss:
    2.995715
5995 Epoch:374 batch_num:8 t_c_loss:1.0871513 t_sl_loss:
    2.995715
```

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5996 Epoch:374 batch_num:9 t_c_loss:1.1317902 t_sl_loss:
    2.995715
5997 Epoch:374 batch_num:10 t_c_loss:1.1591965 t_sl_loss
    :2.995715
5998 Epoch:374 batch_num:11 t_c_loss:1.0677335 t_sl_loss
    :2.995715
5999 Epoch:374 batch_num:12 t_c_loss:1.1099689 t_sl_loss
    :2.9957144
6000 Epoch:374 batch_num:13 t_c_loss:1.2344201 t_sl_loss
    :-0.0
6001 epoch_num:374 accuracy_for_train:0.
    48659003831417624
6002 epoch_num:374 accuracy_for_test:0.3193916349809886
6003 Epoch:375 batch_num:0 t_c_loss:1.0726483 t_sl_loss:
    2.995715
6004 Epoch:375 batch_num:1 t_c_loss:0.9083974 t_sl_loss:
    2.995715
6005 Epoch:375 batch_num:2 t_c_loss:1.0732925 t_sl_loss:
    2.995715
6006 Epoch:375 batch_num:3 t_c_loss:1.2091814 t_sl_loss:
    2.995715
6007 Epoch:375 batch_num:4 t_c_loss:1.0435618 t_sl_loss:
    2.995715
6008 Epoch:375 batch_num:5 t_c_loss:1.0298308 t_sl_loss:
    2.995715
6009 Epoch:375 batch_num:6 t_c_loss:1.1053046 t_sl_loss:
    2.995715
6010 Epoch:375 batch_num:7 t_c_loss:1.335616 t_sl_loss:2
    .995715
6011 Epoch:375 batch_num:8 t_c_loss:0.9345511 t_sl_loss:
    2.995715
6012 Epoch:375 batch_num:9 t_c_loss:1.2593606 t_sl_loss:
    2.995715
6013 Epoch:375 batch_num:10 t_c_loss:1.1828454 t_sl_loss
    :2.995715
6014 Epoch:375 batch_num:11 t_c_loss:1.0843613 t_sl_loss
    :2.995715
6015 Epoch:375 batch_num:12 t_c_loss:1.3122025 t_sl_loss
    :2.995715
6016 Epoch:375 batch_num:13 t_c_loss:1.2037333 t_sl_loss
    :-0.0
```

```
6017 epoch_num:375 accuracy_for_train:0.4674329501915709
6018 epoch_num:375 accuracy_for_test:0.30798479087452474
6019 Epoch:376 batch_num:0 t_c_loss:1.0908582 t_sl_loss:
    2.995715
6020 Epoch:376 batch_num:1 t_c_loss:1.1517056 t_sl_loss:
    2.995715
6021 Epoch:376 batch_num:2 t_c_loss:1.2818584 t_sl_loss:
    2.995715
6022 Epoch:376 batch_num:3 t_c_loss:1.2646477 t_sl_loss:
    2.995715
6023 Epoch:376 batch_num:4 t_c_loss:1.0876359 t_sl_loss:
    2.995715
6024 Epoch:376 batch_num:5 t_c_loss:1.1409618 t_sl_loss:
    2.995715
6025 Epoch:376 batch_num:6 t_c_loss:1.1860167 t_sl_loss:
    2.995715
6026 Epoch:376 batch_num:7 t_c_loss:1.1388538 t_sl_loss:
    2.995715
6027 Epoch:376 batch_num:8 t_c_loss:0.9727686 t_sl_loss:
    2.995715
6028 Epoch:376 batch_num:9 t_c_loss:1.1356932 t_sl_loss:
    2.995715
6029 Epoch:376 batch_num:10 t_c_loss:0.9398381 t_sl_loss
    :2.995715
6030 Epoch:376 batch_num:11 t_c_loss:1.0906619 t_sl_loss
    :2.9957151
6031 Epoch:376 batch_num:12 t_c_loss:1.1692079 t_sl_loss
    :2.995715
6032 Epoch:376 batch_num:13 t_c_loss:1.517489 t_sl_loss
    :-0.0
6033 epoch_num:376 accuracy_for_train:0.
    48659003831417624
6034 epoch_num:376 accuracy_for_test:0.30038022813688214
6035 Epoch:377 batch_num:0 t_c_loss:0.9992553 t_sl_loss:
    2.995715
6036 Epoch:377 batch_num:1 t_c_loss:1.0922301 t_sl_loss:
    2.995715
6037 Epoch:377 batch_num:2 t_c_loss:1.330869 t_sl_loss:2
    .995715
6038 Epoch:377 batch_num:3 t_c_loss:1.2330296 t_sl_loss:
    2.995715
```

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6039 Epoch:377 batch_num:4 t_c_loss:1.0669106 t_sl_loss:
    2.995715
6040 Epoch:377 batch_num:5 t_c_loss:1.0733 t_sl_loss:2.
    995715
6041 Epoch:377 batch_num:6 t_c_loss:1.193464 t_sl_loss:2
    .9957147
6042 Epoch:377 batch_num:7 t_c_loss:1.1280881 t_sl_loss:
    2.995715
6043 Epoch:377 batch_num:8 t_c_loss:1.1530126 t_sl_loss:
    2.995715
6044 Epoch:377 batch_num:9 t_c_loss:1.0965017 t_sl_loss:
    2.995715
6045 Epoch:377 batch_num:10 t_c_loss:1.0588967 t_sl_loss
    :2.995715
6046 Epoch:377 batch_num:11 t_c_loss:1.1655976 t_sl_loss
    :2.995715
6047 Epoch:377 batch_num:12 t_c_loss:1.1876485 t_sl_loss
    :2.995715
6048 Epoch:377 batch_num:13 t_c_loss:1.4065945 t_sl_loss
    :-0.0
6049 epoch_num:377 accuracy_for_train:0.
    49808429118773945
6050 epoch_num:377 accuracy_for_test:0.3193916349809886
6051 Epoch:378 batch_num:0 t_c_loss:1.2083393 t_sl_loss:
    2.995715
6052 Epoch:378 batch_num:1 t_c_loss:1.0221218 t_sl_loss:
    2.995715
6053 Epoch:378 batch_num:2 t_c_loss:1.1129669 t_sl_loss:
    2.995715
6054 Epoch:378 batch_num:3 t_c_loss:1.0531013 t_sl_loss:
    2.995715
6055 Epoch:378 batch_num:4 t_c_loss:1.1811137 t_sl_loss:
    2.995715
6056 Epoch:378 batch_num:5 t_c_loss:0.89959514 t_sl_loss
    :2.995715
6057 Epoch:378 batch_num:6 t_c_loss:0.9922532 t_sl_loss:
    2.9957147
6058 Epoch:378 batch_num:7 t_c_loss:1.0568843 t_sl_loss:
    2.995715
6059 Epoch:378 batch_num:8 t_c_loss:0.9711083 t_sl_loss:
    2.995715
```



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6060 Epoch:378 batch_num:9 t_c_loss:1.390509 t_sl_loss:2
.995715
6061 Epoch:378 batch_num:10 t_c_loss:1.2778002 t_sl_loss
:2.995715
6062 Epoch:378 batch_num:11 t_c_loss:1.1246269 t_sl_loss
:2.995715
6063 Epoch:378 batch_num:12 t_c_loss:1.1933577 t_sl_loss
:2.995715
6064 Epoch:378 batch_num:13 t_c_loss:1.6440731 t_sl_loss
:-0.0
6065 epoch_num:378 accuracy_for_train:0.
47509578544061304
6066 epoch_num:378 accuracy_for_test:0.311787072243346
6067 Epoch:379 batch_num:0 t_c_loss:1.1274027 t_sl_loss:
2.995715
6068 Epoch:379 batch_num:1 t_c_loss:1.1744568 t_sl_loss:
2.995715
6069 Epoch:379 batch_num:2 t_c_loss:0.96626604 t_sl_loss
:2.995715
6070 Epoch:379 batch_num:3 t_c_loss:1.0719631 t_sl_loss:
2.995715
6071 Epoch:379 batch_num:4 t_c_loss:1.0195316 t_sl_loss:
2.995715
6072 Epoch:379 batch_num:5 t_c_loss:1.067571 t_sl_loss:2
.995715
6073 Epoch:379 batch_num:6 t_c_loss:1.1137314 t_sl_loss:
2.995715
6074 Epoch:379 batch_num:7 t_c_loss:1.2699152 t_sl_loss:
2.995715
6075 Epoch:379 batch_num:8 t_c_loss:1.1449318 t_sl_loss:
2.995715
6076 Epoch:379 batch_num:9 t_c_loss:1.1311138 t_sl_loss:
2.995715
6077 Epoch:379 batch_num:10 t_c_loss:1.1924765 t_sl_loss
:2.995715
6078 Epoch:379 batch_num:11 t_c_loss:1.3413699 t_sl_loss
:2.995715
6079 Epoch:379 batch_num:12 t_c_loss:1.1173837 t_sl_loss
:2.995715
6080 Epoch:379 batch_num:13 t_c_loss:1.5015717 t_sl_loss
:-0.0
```

```
6081 epoch_num:379 accuracy_for_train:0.  
    42911877394636017  
6082 epoch_num:379 accuracy_for_test:0.2965779467680608  
6083 Epoch:380 batch_num:0 t_c_loss:0.9907365 t_sl_loss:  
    2.995715  
6084 Epoch:380 batch_num:1 t_c_loss:1.024356 t_sl_loss:2  
    .995715  
6085 Epoch:380 batch_num:2 t_c_loss:1.0646842 t_sl_loss:  
    2.995715  
6086 Epoch:380 batch_num:3 t_c_loss:1.2035197 t_sl_loss:  
    2.995715  
6087 Epoch:380 batch_num:4 t_c_loss:1.290557 t_sl_loss:2  
    .995715  
6088 Epoch:380 batch_num:5 t_c_loss:1.1221242 t_sl_loss:  
    2.995715  
6089 Epoch:380 batch_num:6 t_c_loss:1.173195 t_sl_loss:2  
    .995715  
6090 Epoch:380 batch_num:7 t_c_loss:1.3609579 t_sl_loss:  
    2.995715  
6091 Epoch:380 batch_num:8 t_c_loss:0.93303967 t_sl_loss  
    :2.995715  
6092 Epoch:380 batch_num:9 t_c_loss:1.2638443 t_sl_loss:  
    2.9973776  
6093 Epoch:380 batch_num:10 t_c_loss:1.1119177 t_sl_loss  
    :2.995715  
6094 Epoch:380 batch_num:11 t_c_loss:1.1331326 t_sl_loss  
    :2.995715  
6095 Epoch:380 batch_num:12 t_c_loss:1.0753901 t_sl_loss  
    :2.995715  
6096 Epoch:380 batch_num:13 t_c_loss:1.4018178 t_sl_loss  
    :-0.0  
6097 epoch_num:380 accuracy_for_train:0.5019157088122606  
6098 epoch_num:380 accuracy_for_test:0.311787072243346  
6099 Epoch:381 batch_num:0 t_c_loss:1.1053674 t_sl_loss:  
    2.995715  
6100 Epoch:381 batch_num:1 t_c_loss:1.1713932 t_sl_loss:  
    2.995715  
6101 Epoch:381 batch_num:2 t_c_loss:1.0178407 t_sl_loss:  
    2.995715  
6102 Epoch:381 batch_num:3 t_c_loss:1.2448297 t_sl_loss:  
    2.995715
```

```
6103 Epoch:381 batch_num:4 t_c_loss:1.0999086 t_sl_loss:
    2.995715
6104 Epoch:381 batch_num:5 t_c_loss:1.1428825 t_sl_loss:
    2.995715
6105 Epoch:381 batch_num:6 t_c_loss:1.1445395 t_sl_loss:
    2.9957151
6106 Epoch:381 batch_num:7 t_c_loss:1.2299513 t_sl_loss:
    2.995715
6107 Epoch:381 batch_num:8 t_c_loss:1.0023245 t_sl_loss:
    2.995715
6108 Epoch:381 batch_num:9 t_c_loss:1.0690596 t_sl_loss:
    2.995715
6109 Epoch:381 batch_num:10 t_c_loss:1.0883703 t_sl_loss
    :2.995715
6110 Epoch:381 batch_num:11 t_c_loss:1.0877593 t_sl_loss
    :2.995715
6111 Epoch:381 batch_num:12 t_c_loss:1.1037414 t_sl_loss
    :2.995715
6112 Epoch:381 batch_num:13 t_c_loss:1.2312783 t_sl_loss
    :-0.0
6113 epoch_num:381 accuracy_for_train:0.4942528735632184
6114 epoch_num:381 accuracy_for_test:0.3193916349809886
6115 Epoch:382 batch_num:0 t_c_loss:0.97307795 t_sl_loss
    :2.995715
6116 Epoch:382 batch_num:1 t_c_loss:1.1602476 t_sl_loss:
    2.995715
6117 Epoch:382 batch_num:2 t_c_loss:0.91149646 t_sl_loss
    :2.995715
6118 Epoch:382 batch_num:3 t_c_loss:1.2041883 t_sl_loss:
    2.995715
6119 Epoch:382 batch_num:4 t_c_loss:1.2766645 t_sl_loss:
    2.995715
6120 Epoch:382 batch_num:5 t_c_loss:1.1443646 t_sl_loss:
    2.995715
6121 Epoch:382 batch_num:6 t_c_loss:1.3219378 t_sl_loss:
    2.995715
6122 Epoch:382 batch_num:7 t_c_loss:1.0704453 t_sl_loss:
    2.995715
6123 Epoch:382 batch_num:8 t_c_loss:0.96126807 t_sl_loss
    :2.995715
6124 Epoch:382 batch_num:9 t_c_loss:1.1326221 t_sl_loss:
```

```
6124 2.995715
6125 Epoch:382 batch_num:10 t_c_loss:1.0212715 t_sl_loss
      :2.995715
6126 Epoch:382 batch_num:11 t_c_loss:1.1677516 t_sl_loss
      :2.995715
6127 Epoch:382 batch_num:12 t_c_loss:1.0849367 t_sl_loss
      :2.995715
6128 Epoch:382 batch_num:13 t_c_loss:1.4239846 t_sl_loss
      :-0.0
6129 epoch_num:382 accuracy_for_train:0.4827586206896552
6130 epoch_num:382 accuracy_for_test:0.33079847908745247
6131 Epoch:383 batch_num:0 t_c_loss:0.92743856 t_sl_loss
      :2.9957154
6132 Epoch:383 batch_num:1 t_c_loss:1.1314896 t_sl_loss:
      2.995715
6133 Epoch:383 batch_num:2 t_c_loss:1.2299794 t_sl_loss:
      2.995715
6134 Epoch:383 batch_num:3 t_c_loss:1.2209095 t_sl_loss:
      2.995715
6135 Epoch:383 batch_num:4 t_c_loss:1.3822005 t_sl_loss:
      2.995715
6136 Epoch:383 batch_num:5 t_c_loss:1.1931117 t_sl_loss:
      2.995715
6137 Epoch:383 batch_num:6 t_c_loss:1.0095457 t_sl_loss:
      2.995715
6138 Epoch:383 batch_num:7 t_c_loss:0.97922814 t_sl_loss
      :2.9957147
6139 Epoch:383 batch_num:8 t_c_loss:1.258418 t_sl_loss:2
      .995715
6140 Epoch:383 batch_num:9 t_c_loss:1.134289 t_sl_loss:2
      .995715
6141 Epoch:383 batch_num:10 t_c_loss:1.3422153 t_sl_loss
      :2.9957247
6142 Epoch:383 batch_num:11 t_c_loss:1.1834377 t_sl_loss
      :2.995715
6143 Epoch:383 batch_num:12 t_c_loss:1.3010399 t_sl_loss
      :2.995715
6144 Epoch:383 batch_num:13 t_c_loss:1.4309174 t_sl_loss
      :-0.0
6145 epoch_num:383 accuracy_for_train:0.
      49808429118773945
```

```
6146 epoch_num:383 accuracy_for_test:0.3193916349809886
6147 Epoch:384 batch_num:0 t_c_loss:1.1272177 t_sl_loss:
    2.995715
6148 Epoch:384 batch_num:1 t_c_loss:1.1227596 t_sl_loss:
    2.995715
6149 Epoch:384 batch_num:2 t_c_loss:1.2695282 t_sl_loss:
    2.995715
6150 Epoch:384 batch_num:3 t_c_loss:1.2462076 t_sl_loss:
    2.995715
6151 Epoch:384 batch_num:4 t_c_loss:1.0287936 t_sl_loss:
    2.995715
6152 Epoch:384 batch_num:5 t_c_loss:1.1848373 t_sl_loss:
    2.995715
6153 Epoch:384 batch_num:6 t_c_loss:1.0669849 t_sl_loss:
    2.995715
6154 Epoch:384 batch_num:7 t_c_loss:0.991498 t_sl_loss:2
    .995715
6155 Epoch:384 batch_num:8 t_c_loss:1.097049 t_sl_loss:2
    .995715
6156 Epoch:384 batch_num:9 t_c_loss:1.1052457 t_sl_loss:
    2.995715
6157 Epoch:384 batch_num:10 t_c_loss:1.0657768 t_sl_loss
    :2.995715
6158 Epoch:384 batch_num:11 t_c_loss:1.2854449 t_sl_loss
    :2.995715
6159 Epoch:384 batch_num:12 t_c_loss:1.3256931 t_sl_loss
    :2.995715
6160 Epoch:384 batch_num:13 t_c_loss:1.3049842 t_sl_loss
    :-0.0
6161 epoch_num:384 accuracy_for_train:0.
    49808429118773945
6162 epoch_num:384 accuracy_for_test:0.3231939163498099
6163 Epoch:385 batch_num:0 t_c_loss:1.2572277 t_sl_loss:
    2.995715
6164 Epoch:385 batch_num:1 t_c_loss:1.0687069 t_sl_loss:
    2.995715
6165 Epoch:385 batch_num:2 t_c_loss:0.999428 t_sl_loss:2
    .995715
6166 Epoch:385 batch_num:3 t_c_loss:1.2992045 t_sl_loss:
    2.995715
6167 Epoch:385 batch_num:4 t_c_loss:1.1812364 t_sl_loss:
```

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6167 2.995715
6168 Epoch:385 batch_num:5 t_c_loss:1.0667657 t_sl_loss:
      2.995715
6169 Epoch:385 batch_num:6 t_c_loss:1.2136945 t_sl_loss:
      2.995715
6170 Epoch:385 batch_num:7 t_c_loss:1.089613 t_sl_loss:2
      .995715
6171 Epoch:385 batch_num:8 t_c_loss:1.0450959 t_sl_loss:
      2.995715
6172 Epoch:385 batch_num:9 t_c_loss:1.1333448 t_sl_loss:
      2.995715
6173 Epoch:385 batch_num:10 t_c_loss:1.1327727 t_sl_loss
      :2.995715
6174 Epoch:385 batch_num:11 t_c_loss:1.4249976 t_sl_loss
      :2.995715
6175 Epoch:385 batch_num:12 t_c_loss:1.1318158 t_sl_loss
      :2.995715
6176 Epoch:385 batch_num:13 t_c_loss:1.3545417 t_sl_loss
      :-0.0
6177 epoch_num:385 accuracy_for_train:0.
      48659003831417624
6178 epoch_num:385 accuracy_for_test:0.3231939163498099
6179 Epoch:386 batch_num:0 t_c_loss:1.1945488 t_sl_loss:
      2.995715
6180 Epoch:386 batch_num:1 t_c_loss:1.0978101 t_sl_loss:
      2.995715
6181 Epoch:386 batch_num:2 t_c_loss:0.99863875 t_sl_loss
      :2.995715
6182 Epoch:386 batch_num:3 t_c_loss:1.1476116 t_sl_loss:
      2.995715
6183 Epoch:386 batch_num:4 t_c_loss:1.0361582 t_sl_loss:
      2.995715
6184 Epoch:386 batch_num:5 t_c_loss:1.195687 t_sl_loss:2
      .995715
6185 Epoch:386 batch_num:6 t_c_loss:1.3205462 t_sl_loss:
      2.995715
6186 Epoch:386 batch_num:7 t_c_loss:1.1924821 t_sl_loss:
      2.995715
6187 Epoch:386 batch_num:8 t_c_loss:1.2439594 t_sl_loss:
      2.995715
6188 Epoch:386 batch_num:9 t_c_loss:1.1030759 t_sl_loss:
```

```
6188 2.995715
6189 Epoch:386 batch_num:10 t_c_loss:1.0415893 t_sl_loss
      :2.995715
6190 Epoch:386 batch_num:11 t_c_loss:1.1414121 t_sl_loss
      :2.995715
6191 Epoch:386 batch_num:12 t_c_loss:1.1047921 t_sl_loss
      :2.995715
6192 Epoch:386 batch_num:13 t_c_loss:1.4339339 t_sl_loss
      :-0.0
6193 epoch_num:386 accuracy_for_train:0.
      47509578544061304
6194 epoch_num:386 accuracy_for_test:0.3041825095057034
6195 Epoch:387 batch_num:0 t_c_loss:1.1326884 t_sl_loss:
      2.995715
6196 Epoch:387 batch_num:1 t_c_loss:1.2377088 t_sl_loss:
      2.995715
6197 Epoch:387 batch_num:2 t_c_loss:1.1923285 t_sl_loss:
      2.995715
6198 Epoch:387 batch_num:3 t_c_loss:0.9055151 t_sl_loss:
      2.995715
6199 Epoch:387 batch_num:4 t_c_loss:1.1571057 t_sl_loss:
      2.995715
6200 Epoch:387 batch_num:5 t_c_loss:1.1790456 t_sl_loss:
      2.995715
6201 Epoch:387 batch_num:6 t_c_loss:0.9181116 t_sl_loss:
      2.995715
6202 Epoch:387 batch_num:7 t_c_loss:1.1261879 t_sl_loss:
      2.995715
6203 Epoch:387 batch_num:8 t_c_loss:1.1106386 t_sl_loss:
      2.995715
6204 Epoch:387 batch_num:9 t_c_loss:1.0376614 t_sl_loss:
      2.995715
6205 Epoch:387 batch_num:10 t_c_loss:1.0441504 t_sl_loss
      :2.995715
6206 Epoch:387 batch_num:11 t_c_loss:1.276023 t_sl_loss:
      2.995715
6207 Epoch:387 batch_num:12 t_c_loss:1.2883312 t_sl_loss
      :2.995715
6208 Epoch:387 batch_num:13 t_c_loss:1.2789218 t_sl_loss
      :-0.0
6209 epoch_num:387 accuracy_for_train:0.5019157088122606
```

```
6210 epoch_num:387 accuracy_for_test:0.3155893536121673
6211 Epoch:388 batch_num:0 t_c_loss:1.2057225 t_sl_loss:
    2.995715
6212 Epoch:388 batch_num:1 t_c_loss:1.1402003 t_sl_loss:
    2.995715
6213 Epoch:388 batch_num:2 t_c_loss:1.049599 t_sl_loss:2
    .995715
6214 Epoch:388 batch_num:3 t_c_loss:1.1086652 t_sl_loss:
    2.995715
6215 Epoch:388 batch_num:4 t_c_loss:1.1113122 t_sl_loss:
    2.995715
6216 Epoch:388 batch_num:5 t_c_loss:0.9794286 t_sl_loss:
    2.995715
6217 Epoch:388 batch_num:6 t_c_loss:1.0870625 t_sl_loss:
    2.995715
6218 Epoch:388 batch_num:7 t_c_loss:1.1312268 t_sl_loss:
    2.995715
6219 Epoch:388 batch_num:8 t_c_loss:1.0367376 t_sl_loss:
    2.995715
6220 Epoch:388 batch_num:9 t_c_loss:1.3345761 t_sl_loss:
    2.995715
6221 Epoch:388 batch_num:10 t_c_loss:1.0893316 t_sl_loss
    :2.995715
6222 Epoch:388 batch_num:11 t_c_loss:1.1468368 t_sl_loss
    :2.995715
6223 Epoch:388 batch_num:12 t_c_loss:1.0490212 t_sl_loss
    :2.995715
6224 Epoch:388 batch_num:13 t_c_loss:1.1498513 t_sl_loss
    :-0.0
6225 epoch_num:388 accuracy_for_train:0.
    49808429118773945
6226 epoch_num:388 accuracy_for_test:0.3041825095057034
6227 Epoch:389 batch_num:0 t_c_loss:1.0843058 t_sl_loss:
    2.995715
6228 Epoch:389 batch_num:1 t_c_loss:1.3463998 t_sl_loss:
    2.995715
6229 Epoch:389 batch_num:2 t_c_loss:1.1220353 t_sl_loss:
    2.995715
6230 Epoch:389 batch_num:3 t_c_loss:1.07158 t_sl_loss:2.
    995715
6231 Epoch:389 batch_num:4 t_c_loss:0.88774836 t_sl_loss
```



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6231 :2.995715
6232 Epoch:389 batch_num:5 t_c_loss:1.1438285 t_sl_loss:
      2.995715
6233 Epoch:389 batch_num:6 t_c_loss:1.1804235 t_sl_loss:
      2.995715
6234 Epoch:389 batch_num:7 t_c_loss:1.2622869 t_sl_loss:
      2.995715
6235 Epoch:389 batch_num:8 t_c_loss:1.1546149 t_sl_loss:
      2.995715
6236 Epoch:389 batch_num:9 t_c_loss:1.188926 t_sl_loss:2
      .995715
6237 Epoch:389 batch_num:10 t_c_loss:1.2596325 t_sl_loss
      :2.995715
6238 Epoch:389 batch_num:11 t_c_loss:0.9235306 t_sl_loss
      :2.995715
6239 Epoch:389 batch_num:12 t_c_loss:1.0824461 t_sl_loss
      :2.995715
6240 Epoch:389 batch_num:13 t_c_loss:0.22122884
      t_sl_loss:-0.0
6241 epoch_num:389 accuracy_for_train:0.
      45977011494252873
6242 epoch_num:389 accuracy_for_test:0.30798479087452474
6243 Epoch:390 batch_num:0 t_c_loss:1.1380029 t_sl_loss:
      2.995715
6244 Epoch:390 batch_num:1 t_c_loss:0.9745495 t_sl_loss:
      2.995715
6245 Epoch:390 batch_num:2 t_c_loss:1.3651148 t_sl_loss:
      2.995715
6246 Epoch:390 batch_num:3 t_c_loss:1.2219244 t_sl_loss:
      2.9957151
6247 Epoch:390 batch_num:4 t_c_loss:1.1922736 t_sl_loss:
      2.995715
6248 Epoch:390 batch_num:5 t_c_loss:1.1423584 t_sl_loss:
      2.995715
6249 Epoch:390 batch_num:6 t_c_loss:1.0393034 t_sl_loss:
      2.995715
6250 Epoch:390 batch_num:7 t_c_loss:1.0851953 t_sl_loss:
      2.995715
6251 Epoch:390 batch_num:8 t_c_loss:1.0886334 t_sl_loss:
      2.995715
6252 Epoch:390 batch_num:9 t_c_loss:1.196649 t_sl_loss:2
```

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6252 .995715
6253 Epoch:390 batch_num:10 t_c_loss:1.0373329 t_sl_loss
      :2.995715
6254 Epoch:390 batch_num:11 t_c_loss:0.98932725
      t_sl_loss:2.995715
6255 Epoch:390 batch_num:12 t_c_loss:0.9622092 t_sl_loss
      :2.995715
6256 Epoch:390 batch_num:13 t_c_loss:1.765302 t_sl_loss
      :-0.0
6257 epoch_num:390 accuracy_for_train:0.4904214559386973
6258 epoch_num:390 accuracy_for_test:0.3231939163498099
6259 Epoch:391 batch_num:0 t_c_loss:1.094206 t_sl_loss:2
      .995715
6260 Epoch:391 batch_num:1 t_c_loss:1.0885427 t_sl_loss:
      2.995715
6261 Epoch:391 batch_num:2 t_c_loss:1.2297702 t_sl_loss:
      2.995715
6262 Epoch:391 batch_num:3 t_c_loss:1.0949342 t_sl_loss:
      2.995715
6263 Epoch:391 batch_num:4 t_c_loss:1.042468 t_sl_loss:2
      .995715
6264 Epoch:391 batch_num:5 t_c_loss:0.9233947 t_sl_loss:
      2.995715
6265 Epoch:391 batch_num:6 t_c_loss:1.190604 t_sl_loss:2
      .995715
6266 Epoch:391 batch_num:7 t_c_loss:1.009375 t_sl_loss:2
      .995715
6267 Epoch:391 batch_num:8 t_c_loss:1.4399059 t_sl_loss:
      2.995715
6268 Epoch:391 batch_num:9 t_c_loss:1.1828153 t_sl_loss:
      2.995715
6269 Epoch:391 batch_num:10 t_c_loss:1.125422 t_sl_loss:
      2.995715
6270 Epoch:391 batch_num:11 t_c_loss:1.1859233 t_sl_loss
      :2.995715
6271 Epoch:391 batch_num:12 t_c_loss:1.0799936 t_sl_loss
      :2.995715
6272 Epoch:391 batch_num:13 t_c_loss:1.8093934 t_sl_loss
      :-0.0
6273 epoch_num:391 accuracy_for_train:0.4904214559386973
6274 epoch_num:391 accuracy_for_test:0.3193916349809886
```

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6275 Epoch:392 batch_num:0 t_c_loss:1.1349391 t_sl_loss:
    2.995715
6276 Epoch:392 batch_num:1 t_c_loss:1.0847998 t_sl_loss:
    2.995715
6277 Epoch:392 batch_num:2 t_c_loss:1.1631805 t_sl_loss:
    2.995715
6278 Epoch:392 batch_num:3 t_c_loss:0.9116176 t_sl_loss:
    2.995715
6279 Epoch:392 batch_num:4 t_c_loss:1.1384144 t_sl_loss:
    2.995715
6280 Epoch:392 batch_num:5 t_c_loss:1.2425618 t_sl_loss:
    2.995715
6281 Epoch:392 batch_num:6 t_c_loss:1.1149004 t_sl_loss:
    2.995715
6282 Epoch:392 batch_num:7 t_c_loss:1.0087168 t_sl_loss:
    2.995715
6283 Epoch:392 batch_num:8 t_c_loss:1.2333581 t_sl_loss:
    2.995715
6284 Epoch:392 batch_num:9 t_c_loss:1.2476943 t_sl_loss:
    2.995715
6285 Epoch:392 batch_num:10 t_c_loss:1.0755327 t_sl_loss
    :2.995715
6286 Epoch:392 batch_num:11 t_c_loss:1.134484 t_sl_loss:
    2.995715
6287 Epoch:392 batch_num:12 t_c_loss:1.216046 t_sl_loss:
    2.995715
6288 Epoch:392 batch_num:13 t_c_loss:1.650754 t_sl_loss
    :-0.0
6289 epoch_num:392 accuracy_for_train:0.4827586206896552
6290 epoch_num:392 accuracy_for_test:0.3155893536121673
6291 Epoch:393 batch_num:0 t_c_loss:1.1540568 t_sl_loss:
    2.995715
6292 Epoch:393 batch_num:1 t_c_loss:1.0299848 t_sl_loss:
    2.995715
6293 Epoch:393 batch_num:2 t_c_loss:1.090321 t_sl_loss:2
    .995715
6294 Epoch:393 batch_num:3 t_c_loss:1.2131127 t_sl_loss:
    2.995715
6295 Epoch:393 batch_num:4 t_c_loss:1.1101701 t_sl_loss:
    2.995715
6296 Epoch:393 batch_num:5 t_c_loss:0.9012823 t_sl_loss:

```

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6296 2.995715
6297 Epoch:393 batch_num:6 t_c_loss:1.2992661 t_sl_loss:
    2.995715
6298 Epoch:393 batch_num:7 t_c_loss:1.1629422 t_sl_loss:
    2.995715
6299 Epoch:393 batch_num:8 t_c_loss:0.97969943 t_sl_loss
    :2.995715
6300 Epoch:393 batch_num:9 t_c_loss:1.2036539 t_sl_loss:
    2.995715
6301 Epoch:393 batch_num:10 t_c_loss:1.0257943 t_sl_loss
    :2.995715
6302 Epoch:393 batch_num:11 t_c_loss:1.0584689 t_sl_loss
    :2.995715
6303 Epoch:393 batch_num:12 t_c_loss:1.1422173 t_sl_loss
    :2.995715
6304 Epoch:393 batch_num:13 t_c_loss:1.4064528 t_sl_loss
    :-0.0
6305 epoch_num:393 accuracy_for_train:0.4942528735632184
6306 epoch_num:393 accuracy_for_test:0.3041825095057034
6307 Epoch:394 batch_num:0 t_c_loss:1.1046711 t_sl_loss:
    2.995715
6308 Epoch:394 batch_num:1 t_c_loss:1.196783 t_sl_loss:2
    .995715
6309 Epoch:394 batch_num:2 t_c_loss:1.1358949 t_sl_loss:
    2.995715
6310 Epoch:394 batch_num:3 t_c_loss:1.0159934 t_sl_loss:
    2.995715
6311 Epoch:394 batch_num:4 t_c_loss:1.1045119 t_sl_loss:
    2.995715
6312 Epoch:394 batch_num:5 t_c_loss:1.11161 t_sl_loss:2.
    995715
6313 Epoch:394 batch_num:6 t_c_loss:1.1277403 t_sl_loss:
    2.995715
6314 Epoch:394 batch_num:7 t_c_loss:0.98673135 t_sl_loss
    :2.995715
6315 Epoch:394 batch_num:8 t_c_loss:1.3737229 t_sl_loss:
    2.995715
6316 Epoch:394 batch_num:9 t_c_loss:1.0880117 t_sl_loss:
    2.995715
6317 Epoch:394 batch_num:10 t_c_loss:1.0824353 t_sl_loss
    :2.995715
```

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6318 Epoch:394 batch_num:11 t_c_loss:1.2394112 t_sl_loss
:2.995715
6319 Epoch:394 batch_num:12 t_c_loss:1.1206406 t_sl_loss
:2.995715
6320 Epoch:394 batch_num:13 t_c_loss:1.633181 t_sl_loss
:-0.0
6321 epoch_num:394 accuracy_for_train:0.4789272030651341
6322 epoch_num:394 accuracy_for_test:0.311787072243346
6323 Epoch:395 batch_num:0 t_c_loss:0.9114067 t_sl_loss:
2.995715
6324 Epoch:395 batch_num:1 t_c_loss:1.0075477 t_sl_loss:
2.995715
6325 Epoch:395 batch_num:2 t_c_loss:0.99476326 t_sl_loss
:2.995715
6326 Epoch:395 batch_num:3 t_c_loss:0.97611207 t_sl_loss
:2.995715
6327 Epoch:395 batch_num:4 t_c_loss:1.1815569 t_sl_loss:
2.995715
6328 Epoch:395 batch_num:5 t_c_loss:1.2779537 t_sl_loss:
2.995715
6329 Epoch:395 batch_num:6 t_c_loss:1.1970832 t_sl_loss:
2.995715
6330 Epoch:395 batch_num:7 t_c_loss:1.2463312 t_sl_loss:
2.995715
6331 Epoch:395 batch_num:8 t_c_loss:1.3320512 t_sl_loss:
2.995715
6332 Epoch:395 batch_num:9 t_c_loss:0.9345635 t_sl_loss:
2.995715
6333 Epoch:395 batch_num:10 t_c_loss:1.1255264 t_sl_loss
:2.9957154
6334 Epoch:395 batch_num:11 t_c_loss:1.2634603 t_sl_loss
:2.995715
6335 Epoch:395 batch_num:12 t_c_loss:1.1330304 t_sl_loss
:2.995715
6336 Epoch:395 batch_num:13 t_c_loss:1.306513 t_sl_loss
:-0.0
6337 epoch_num:395 accuracy_for_train:0.
49808429118773945
6338 epoch_num:395 accuracy_for_test:0.3193916349809886
6339 Epoch:396 batch_num:0 t_c_loss:1.1106043 t_sl_loss:
2.995715
```

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6340 Epoch:396 batch_num:1 t_c_loss:1.1587468 t_sl_loss:
    2.995715
6341 Epoch:396 batch_num:2 t_c_loss:1.2387751 t_sl_loss:
    2.995715
6342 Epoch:396 batch_num:3 t_c_loss:1.2134573 t_sl_loss:
    2.995715
6343 Epoch:396 batch_num:4 t_c_loss:1.0859536 t_sl_loss:
    2.9957159
6344 Epoch:396 batch_num:5 t_c_loss:1.1322612 t_sl_loss:
    2.995715
6345 Epoch:396 batch_num:6 t_c_loss:1.2503054 t_sl_loss:
    2.995715
6346 Epoch:396 batch_num:7 t_c_loss:0.93858194 t_sl_loss
    :2.995715
6347 Epoch:396 batch_num:8 t_c_loss:1.327672 t_sl_loss:2
    .995715
6348 Epoch:396 batch_num:9 t_c_loss:0.9140476 t_sl_loss:
    2.995715
6349 Epoch:396 batch_num:10 t_c_loss:1.056115 t_sl_loss:
    2.995715
6350 Epoch:396 batch_num:11 t_c_loss:1.2414615 t_sl_loss
    :2.995715
6351 Epoch:396 batch_num:12 t_c_loss:1.1412253 t_sl_loss
    :2.995715
6352 Epoch:396 batch_num:13 t_c_loss:1.2739753 t_sl_loss
    :-0.0
6353 epoch_num:396 accuracy_for_train:0.4827586206896552
6354 epoch_num:396 accuracy_for_test:0.3193916349809886
6355 Epoch:397 batch_num:0 t_c_loss:1.01204 t_sl_loss:2.
    995715
6356 Epoch:397 batch_num:1 t_c_loss:1.1840471 t_sl_loss:
    2.995715
6357 Epoch:397 batch_num:2 t_c_loss:1.2135794 t_sl_loss:
    2.995715
6358 Epoch:397 batch_num:3 t_c_loss:1.1017946 t_sl_loss:
    2.995715
6359 Epoch:397 batch_num:4 t_c_loss:1.094022 t_sl_loss:2
    .995715
6360 Epoch:397 batch_num:5 t_c_loss:0.96979696 t_sl_loss
    :2.995715
6361 Epoch:397 batch_num:6 t_c_loss:1.0394838 t_sl_loss:
```

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6361 2.995715
6362 Epoch:397 batch_num:7 t_c_loss:1.3536135 t_sl_loss:
    2.995715
6363 Epoch:397 batch_num:8 t_c_loss:1.263681 t_sl_loss:2
    .995715
6364 Epoch:397 batch_num:9 t_c_loss:1.1321311 t_sl_loss:
    2.995715
6365 Epoch:397 batch_num:10 t_c_loss:1.0849481 t_sl_loss
    :2.9957151
6366 Epoch:397 batch_num:11 t_c_loss:1.2323495 t_sl_loss
    :2.9958467
6367 Epoch:397 batch_num:12 t_c_loss:1.201717 t_sl_loss:
    2.995715
6368 Epoch:397 batch_num:13 t_c_loss:1.4671636 t_sl_loss
    :-0.0
6369 epoch_num:397 accuracy_for_train:0.4367816091954023
6370 epoch_num:397 accuracy_for_test:0.3193916349809886
6371 Epoch:398 batch_num:0 t_c_loss:1.3519784 t_sl_loss:
    2.995715
6372 Epoch:398 batch_num:1 t_c_loss:1.2390833 t_sl_loss:
    2.995715
6373 Epoch:398 batch_num:2 t_c_loss:0.97521985 t_sl_loss
    :2.995715
6374 Epoch:398 batch_num:3 t_c_loss:1.3358951 t_sl_loss:
    2.995715
6375 Epoch:398 batch_num:4 t_c_loss:0.9265596 t_sl_loss:
    2.995715
6376 Epoch:398 batch_num:5 t_c_loss:1.1841506 t_sl_loss:
    2.995715
6377 Epoch:398 batch_num:6 t_c_loss:1.1227945 t_sl_loss:
    2.995715
6378 Epoch:398 batch_num:7 t_c_loss:0.97173214 t_sl_loss
    :2.995715
6379 Epoch:398 batch_num:8 t_c_loss:1.33988 t_sl_loss:2.
    995715
6380 Epoch:398 batch_num:9 t_c_loss:0.96874154 t_sl_loss
    :2.9957144
6381 Epoch:398 batch_num:10 t_c_loss:1.0405952 t_sl_loss
    :2.995715
6382 Epoch:398 batch_num:11 t_c_loss:1.1152111 t_sl_loss
    :2.995715
```

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6383 Epoch:398 batch_num:12 t_c_loss:1.0051312 t_sl_loss
:2.995715
6384 Epoch:398 batch_num:13 t_c_loss:1.6720946 t_sl_loss
:-0.0
6385 epoch_num:398 accuracy_for_train:0.5095785440613027
6386 epoch_num:398 accuracy_for_test:0.2965779467680608
6387 Epoch:399 batch_num:0 t_c_loss:1.0937402 t_sl_loss:
2.995715
6388 Epoch:399 batch_num:1 t_c_loss:1.1433132 t_sl_loss:
2.995715
6389 Epoch:399 batch_num:2 t_c_loss:1.0505731 t_sl_loss:
2.995715
6390 Epoch:399 batch_num:3 t_c_loss:1.0728036 t_sl_loss:
2.995715
6391 Epoch:399 batch_num:4 t_c_loss:0.9942301 t_sl_loss:
2.995715
6392 Epoch:399 batch_num:5 t_c_loss:1.0599644 t_sl_loss:
2.995715
6393 Epoch:399 batch_num:6 t_c_loss:1.322492 t_sl_loss:2
.995715
6394 Epoch:399 batch_num:7 t_c_loss:1.1044185 t_sl_loss:
2.995715
6395 Epoch:399 batch_num:8 t_c_loss:1.046169 t_sl_loss:2
.995715
6396 Epoch:399 batch_num:9 t_c_loss:1.1065308 t_sl_loss:
2.995715
6397 Epoch:399 batch_num:10 t_c_loss:1.2183863 t_sl_loss
:2.995715
6398 Epoch:399 batch_num:11 t_c_loss:1.1347226 t_sl_loss
:2.995715
6399 Epoch:399 batch_num:12 t_c_loss:1.3664701 t_sl_loss
:2.995715
6400 Epoch:399 batch_num:13 t_c_loss:1.6511989 t_sl_loss
:-0.0
6401 epoch_num:399 accuracy_for_train:0.4942528735632184
6402 epoch_num:399 accuracy_for_test:0.311787072243346
6403 Epoch:400 batch_num:0 t_c_loss:1.0372788 t_sl_loss:
2.995715
6404 Epoch:400 batch_num:1 t_c_loss:1.1337222 t_sl_loss:
2.995715
6405 Epoch:400 batch_num:2 t_c_loss:1.2612679 t_sl_loss:
```



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6405 2.995715
6406 Epoch:400 batch_num:3 t_c_loss:1.1518182 t_sl_loss:
      2.995715
6407 Epoch:400 batch_num:4 t_c_loss:1.1695879 t_sl_loss:
      2.995715
6408 Epoch:400 batch_num:5 t_c_loss:1.2489641 t_sl_loss:
      2.995715
6409 Epoch:400 batch_num:6 t_c_loss:1.0728116 t_sl_loss:
      2.995715
6410 Epoch:400 batch_num:7 t_c_loss:1.2243412 t_sl_loss:
      2.995715
6411 Epoch:400 batch_num:8 t_c_loss:1.4892813 t_sl_loss:
      2.995715
6412 Epoch:400 batch_num:9 t_c_loss:0.97406566 t_sl_loss
      :2.995715
6413 Epoch:400 batch_num:10 t_c_loss:1.0417514 t_sl_loss
      :2.995715
6414 Epoch:400 batch_num:11 t_c_loss:1.0448523 t_sl_loss
      :2.995715
6415 Epoch:400 batch_num:12 t_c_loss:1.0278246 t_sl_loss
      :2.995715
6416 Epoch:400 batch_num:13 t_c_loss:1.2877607 t_sl_loss
      :-0.0
6417 epoch_num:400 accuracy_for_train:0.4827586206896552
6418 epoch_num:400 accuracy_for_test:0.30798479087452474
6419 Epoch:401 batch_num:0 t_c_loss:0.8759742 t_sl_loss:
      2.995715
6420 Epoch:401 batch_num:1 t_c_loss:0.9671606 t_sl_loss:
      2.995715
6421 Epoch:401 batch_num:2 t_c_loss:1.107145 t_sl_loss:2
      .995715
6422 Epoch:401 batch_num:3 t_c_loss:1.1264307 t_sl_loss:
      2.995715
6423 Epoch:401 batch_num:4 t_c_loss:1.1120992 t_sl_loss:
      2.995715
6424 Epoch:401 batch_num:5 t_c_loss:1.1284333 t_sl_loss:
      2.995715
6425 Epoch:401 batch_num:6 t_c_loss:0.98270607 t_sl_loss
      :2.995715
6426 Epoch:401 batch_num:7 t_c_loss:1.2637112 t_sl_loss:
      2.995715
```

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6427 Epoch:401 batch_num:8 t_c_loss:1.0627621 t_sl_loss:
    2.995715
6428 Epoch:401 batch_num:9 t_c_loss:1.2448267 t_sl_loss:
    2.995715
6429 Epoch:401 batch_num:10 t_c_loss:1.2933451 t_sl_loss
    :2.995715
6430 Epoch:401 batch_num:11 t_c_loss:1.0655906 t_sl_loss
    :2.995715
6431 Epoch:401 batch_num:12 t_c_loss:1.2552848 t_sl_loss
    :2.995715
6432 Epoch:401 batch_num:13 t_c_loss:1.4369875 t_sl_loss
    :-0.0
6433 epoch_num:401 accuracy_for_train:0.
    49808429118773945
6434 epoch_num:401 accuracy_for_test:0.3155893536121673
6435 Epoch:402 batch_num:0 t_c_loss:1.1216297 t_sl_loss:
    2.995715
6436 Epoch:402 batch_num:1 t_c_loss:1.122462 t_sl_loss:2
    .995715
6437 Epoch:402 batch_num:2 t_c_loss:1.0432028 t_sl_loss:
    2.995715
6438 Epoch:402 batch_num:3 t_c_loss:1.185369 t_sl_loss:2
    .995715
6439 Epoch:402 batch_num:4 t_c_loss:1.2651309 t_sl_loss:
    2.995715
6440 Epoch:402 batch_num:5 t_c_loss:1.0368923 t_sl_loss:
    2.995715
6441 Epoch:402 batch_num:6 t_c_loss:1.1438545 t_sl_loss:
    2.995715
6442 Epoch:402 batch_num:7 t_c_loss:1.0648844 t_sl_loss:
    2.995715
6443 Epoch:402 batch_num:8 t_c_loss:1.1007644 t_sl_loss:
    2.995715
6444 Epoch:402 batch_num:9 t_c_loss:1.2132337 t_sl_loss:
    2.995715
6445 Epoch:402 batch_num:10 t_c_loss:0.98962355
    t_sl_loss:2.995715
6446 Epoch:402 batch_num:11 t_c_loss:1.0765917 t_sl_loss
    :2.995715
6447 Epoch:402 batch_num:12 t_c_loss:1.1498618 t_sl_loss
    :2.9957147
```

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6448 Epoch:402 batch_num:13 t_c_loss:1.3070786 t_sl_loss
    :-0.0
6449 epoch_num:402 accuracy_for_train:0.
    49808429118773945
6450 epoch_num:402 accuracy_for_test:0.311787072243346
6451 Epoch:403 batch_num:0 t_c_loss:0.9718849 t_sl_loss:
    2.995715
6452 Epoch:403 batch_num:1 t_c_loss:1.1598778 t_sl_loss:
    2.995715
6453 Epoch:403 batch_num:2 t_c_loss:1.1074388 t_sl_loss:
    2.995715
6454 Epoch:403 batch_num:3 t_c_loss:1.0571944 t_sl_loss:
    2.995715
6455 Epoch:403 batch_num:4 t_c_loss:1.124852 t_sl_loss:2
    .995715
6456 Epoch:403 batch_num:5 t_c_loss:0.9876024 t_sl_loss:
    2.995715
6457 Epoch:403 batch_num:6 t_c_loss:0.9898384 t_sl_loss:
    2.995715
6458 Epoch:403 batch_num:7 t_c_loss:1.304125 t_sl_loss:2
    .9957178
6459 Epoch:403 batch_num:8 t_c_loss:1.2732747 t_sl_loss:
    2.995715
6460 Epoch:403 batch_num:9 t_c_loss:1.2679662 t_sl_loss:
    2.995715
6461 Epoch:403 batch_num:10 t_c_loss:0.9595312 t_sl_loss
    :2.995715
6462 Epoch:403 batch_num:11 t_c_loss:1.1942405 t_sl_loss
    :2.995715
6463 Epoch:403 batch_num:12 t_c_loss:1.3099649 t_sl_loss
    :2.995715
6464 Epoch:403 batch_num:13 t_c_loss:1.4505241 t_sl_loss
    :-0.0
6465 epoch_num:403 accuracy_for_train:0.421455938697318
6466 epoch_num:403 accuracy_for_test:0.29277566539923955
6467 Epoch:404 batch_num:0 t_c_loss:1.1009104 t_sl_loss:
    2.995715
6468 Epoch:404 batch_num:1 t_c_loss:1.2791383 t_sl_loss:
    2.995715
6469 Epoch:404 batch_num:2 t_c_loss:1.1317174 t_sl_loss:
    2.9958785
```

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6470 Epoch:404 batch_num:3 t_c_loss:1.0236876 t_sl_loss:
    2.995715
6471 Epoch:404 batch_num:4 t_c_loss:1.136361 t_sl_loss:2
    .995715
6472 Epoch:404 batch_num:5 t_c_loss:1.0861912 t_sl_loss:
    2.995715
6473 Epoch:404 batch_num:6 t_c_loss:0.99496156 t_sl_loss
    :2.995715
6474 Epoch:404 batch_num:7 t_c_loss:1.0925512 t_sl_loss:
    2.995715
6475 Epoch:404 batch_num:8 t_c_loss:1.0819261 t_sl_loss:
    2.995715
6476 Epoch:404 batch_num:9 t_c_loss:0.9723404 t_sl_loss:
    2.995715
6477 Epoch:404 batch_num:10 t_c_loss:1.0542859 t_sl_loss
    :2.995715
6478 Epoch:404 batch_num:11 t_c_loss:1.3042874 t_sl_loss
    :2.995715
6479 Epoch:404 batch_num:12 t_c_loss:1.0453815 t_sl_loss
    :2.995715
6480 Epoch:404 batch_num:13 t_c_loss:0.33048287
    t_sl_loss:-0.0
6481 epoch_num:404 accuracy_for_train:0.
    49808429118773945
6482 epoch_num:404 accuracy_for_test:0.3155893536121673
6483 Epoch:405 batch_num:0 t_c_loss:0.9966359 t_sl_loss:
    2.995715
6484 Epoch:405 batch_num:1 t_c_loss:1.1871468 t_sl_loss:
    2.995715
6485 Epoch:405 batch_num:2 t_c_loss:1.1572274 t_sl_loss:
    2.995715
6486 Epoch:405 batch_num:3 t_c_loss:1.3276256 t_sl_loss:
    2.995715
6487 Epoch:405 batch_num:4 t_c_loss:1.1009305 t_sl_loss:
    2.995715
6488 Epoch:405 batch_num:5 t_c_loss:1.04994 t_sl_loss:2.
    995715
6489 Epoch:405 batch_num:6 t_c_loss:0.9382329 t_sl_loss:
    2.995715
6490 Epoch:405 batch_num:7 t_c_loss:1.2620808 t_sl_loss:
    2.995715
```

```
6491 Epoch:405 batch_num:8 t_c_loss:0.9644815 t_sl_loss:
    2.995715
6492 Epoch:405 batch_num:9 t_c_loss:1.1578349 t_sl_loss:
    2.995715
6493 Epoch:405 batch_num:10 t_c_loss:1.1194257 t_sl_loss
    :2.995715
6494 Epoch:405 batch_num:11 t_c_loss:1.1758484 t_sl_loss
    :2.995715
6495 Epoch:405 batch_num:12 t_c_loss:1.13867 t_sl_loss:2
    .995715
6496 Epoch:405 batch_num:13 t_c_loss:1.3213651 t_sl_loss
    :-0.0
6497 epoch_num:405 accuracy_for_train:0.4789272030651341
6498 epoch_num:405 accuracy_for_test:0.3193916349809886
6499 Epoch:406 batch_num:0 t_c_loss:1.0199884 t_sl_loss:
    2.995715
6500 Epoch:406 batch_num:1 t_c_loss:1.2330332 t_sl_loss:
    2.995715
6501 Epoch:406 batch_num:2 t_c_loss:1.1199596 t_sl_loss:
    2.995715
6502 Epoch:406 batch_num:3 t_c_loss:1.1100563 t_sl_loss:
    2.995715
6503 Epoch:406 batch_num:4 t_c_loss:0.92620766 t_sl_loss
    :2.995715
6504 Epoch:406 batch_num:5 t_c_loss:1.1360883 t_sl_loss:
    2.9957185
6505 Epoch:406 batch_num:6 t_c_loss:1.2265998 t_sl_loss:
    2.995715
6506 Epoch:406 batch_num:7 t_c_loss:1.1370835 t_sl_loss:
    2.995715
6507 Epoch:406 batch_num:8 t_c_loss:1.0685432 t_sl_loss:
    2.995715
6508 Epoch:406 batch_num:9 t_c_loss:1.1656399 t_sl_loss:
    2.9957151
6509 Epoch:406 batch_num:10 t_c_loss:1.1107335 t_sl_loss
    :2.995715
6510 Epoch:406 batch_num:11 t_c_loss:1.2575835 t_sl_loss
    :2.995715
6511 Epoch:406 batch_num:12 t_c_loss:1.0806887 t_sl_loss
    :2.995715
6512 Epoch:406 batch_num:13 t_c_loss:1.2695323 t_sl_loss
```

```
6512 :-0.0
6513 epoch_num:406 accuracy_for_train:0.4827586206896552
6514 epoch_num:406 accuracy_for_test:0.30798479087452474
6515 Epoch:407 batch_num:0 t_c_loss:0.9436571 t_sl_loss:
    2.995715
6516 Epoch:407 batch_num:1 t_c_loss:1.1954322 t_sl_loss:
    2.995759
6517 Epoch:407 batch_num:2 t_c_loss:1.1013962 t_sl_loss:
    2.995715
6518 Epoch:407 batch_num:3 t_c_loss:1.257509 t_sl_loss:2
    .995715
6519 Epoch:407 batch_num:4 t_c_loss:1.1286085 t_sl_loss:
    2.995715
6520 Epoch:407 batch_num:5 t_c_loss:1.1613533 t_sl_loss:
    2.995715
6521 Epoch:407 batch_num:6 t_c_loss:1.3653313 t_sl_loss:
    2.995715
6522 Epoch:407 batch_num:7 t_c_loss:1.0952475 t_sl_loss:
    2.995715
6523 Epoch:407 batch_num:8 t_c_loss:1.1260935 t_sl_loss:
    2.995715
6524 Epoch:407 batch_num:9 t_c_loss:0.96550703 t_sl_loss
    :2.995715
6525 Epoch:407 batch_num:10 t_c_loss:1.1398487 t_sl_loss
    :2.995715
6526 Epoch:407 batch_num:11 t_c_loss:1.1516267 t_sl_loss
    :2.995715
6527 Epoch:407 batch_num:12 t_c_loss:1.0753632 t_sl_loss
    :2.995715
6528 Epoch:407 batch_num:13 t_c_loss:1.5227396 t_sl_loss
    :-0.0
6529 epoch_num:407 accuracy_for_train:0.4444444444444444
6530 epoch_num:407 accuracy_for_test:0.30038022813688214
6531 Epoch:408 batch_num:0 t_c_loss:1.0000327 t_sl_loss:
    2.995715
6532 Epoch:408 batch_num:1 t_c_loss:1.2397778 t_sl_loss:
    2.995715
6533 Epoch:408 batch_num:2 t_c_loss:1.2371114 t_sl_loss:
    2.995715
6534 Epoch:408 batch_num:3 t_c_loss:1.1237667 t_sl_loss:
    2.995715
```

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6535 Epoch:408 batch_num:4 t_c_loss:1.4412621 t_sl_loss:
    2.995715
6536 Epoch:408 batch_num:5 t_c_loss:1.0104641 t_sl_loss:
    2.995715
6537 Epoch:408 batch_num:6 t_c_loss:0.9503069 t_sl_loss:
    2.995715
6538 Epoch:408 batch_num:7 t_c_loss:1.1215808 t_sl_loss:
    2.995715
6539 Epoch:408 batch_num:8 t_c_loss:1.1004792 t_sl_loss:
    2.995715
6540 Epoch:408 batch_num:9 t_c_loss:1.1344553 t_sl_loss:
    2.995715
6541 Epoch:408 batch_num:10 t_c_loss:1.1430646 t_sl_loss
    :2.995715
6542 Epoch:408 batch_num:11 t_c_loss:1.1053761 t_sl_loss
    :2.995715
6543 Epoch:408 batch_num:12 t_c_loss:1.2404165 t_sl_loss
    :2.995715
6544 Epoch:408 batch_num:13 t_c_loss:0.29529545
    t_sl_loss:-0.0
6545 epoch_num:408 accuracy_for_train:0.4942528735632184
6546 epoch_num:408 accuracy_for_test:0.3155893536121673
6547 Epoch:409 batch_num:0 t_c_loss:0.88013947 t_sl_loss
    :2.995715
6548 Epoch:409 batch_num:1 t_c_loss:1.0715091 t_sl_loss:
    2.995715
6549 Epoch:409 batch_num:2 t_c_loss:1.1930981 t_sl_loss:
    2.995715
6550 Epoch:409 batch_num:3 t_c_loss:1.2935854 t_sl_loss:
    2.995715
6551 Epoch:409 batch_num:4 t_c_loss:1.222463 t_sl_loss:2
    .995715
6552 Epoch:409 batch_num:5 t_c_loss:0.89224607 t_sl_loss
    :2.995715
6553 Epoch:409 batch_num:6 t_c_loss:0.99334985 t_sl_loss
    :2.995715
6554 Epoch:409 batch_num:7 t_c_loss:1.1062851 t_sl_loss:
    2.995715
6555 Epoch:409 batch_num:8 t_c_loss:1.2809666 t_sl_loss:
    2.995715
6556 Epoch:409 batch_num:9 t_c_loss:1.1153257 t_sl_loss:
```

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6556 2.995715
6557 Epoch:409 batch_num:10 t_c_loss:1.1342386 t_sl_loss
      :2.995715
6558 Epoch:409 batch_num:11 t_c_loss:1.0524954 t_sl_loss
      :2.995715
6559 Epoch:409 batch_num:12 t_c_loss:1.3014244 t_sl_loss
      :2.995715
6560 Epoch:409 batch_num:13 t_c_loss:1.3047398 t_sl_loss
      :-0.0
6561 epoch_num:409 accuracy_for_train:0.4904214559386973
6562 epoch_num:409 accuracy_for_test:0.3155893536121673
6563 Epoch:410 batch_num:0 t_c_loss:1.0228351 t_sl_loss:
      2.995715
6564 Epoch:410 batch_num:1 t_c_loss:1.1457207 t_sl_loss:
      2.995715
6565 Epoch:410 batch_num:2 t_c_loss:1.2449999 t_sl_loss:
      2.995715
6566 Epoch:410 batch_num:3 t_c_loss:1.1445779 t_sl_loss:
      2.995715
6567 Epoch:410 batch_num:4 t_c_loss:1.2103889 t_sl_loss:
      2.995715
6568 Epoch:410 batch_num:5 t_c_loss:1.0105165 t_sl_loss:
      2.995715
6569 Epoch:410 batch_num:6 t_c_loss:1.0862474 t_sl_loss:
      2.995715
6570 Epoch:410 batch_num:7 t_c_loss:1.0872056 t_sl_loss:
      2.9957147
6571 Epoch:410 batch_num:8 t_c_loss:1.3679203 t_sl_loss:
      2.9957151
6572 Epoch:410 batch_num:9 t_c_loss:1.0669562 t_sl_loss:
      2.995715
6573 Epoch:410 batch_num:10 t_c_loss:1.0125453 t_sl_loss
      :2.995715
6574 Epoch:410 batch_num:11 t_c_loss:0.9288291 t_sl_loss
      :2.995715
6575 Epoch:410 batch_num:12 t_c_loss:1.1302636 t_sl_loss
      :2.995715
6576 Epoch:410 batch_num:13 t_c_loss:1.33543 t_sl_loss:-
      0.0
6577 epoch_num:410 accuracy_for_train:0.4789272030651341
6578 epoch_num:410 accuracy_for_test:0.33079847908745247
```



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6579 Epoch:411 batch_num:0 t_c_loss:1.1104828 t_sl_loss:
    2.995715
6580 Epoch:411 batch_num:1 t_c_loss:1.0417349 t_sl_loss:
    2.995715
6581 Epoch:411 batch_num:2 t_c_loss:1.0237179 t_sl_loss:
    2.995715
6582 Epoch:411 batch_num:3 t_c_loss:1.0745485 t_sl_loss:
    2.995715
6583 Epoch:411 batch_num:4 t_c_loss:1.0376842 t_sl_loss:
    2.995715
6584 Epoch:411 batch_num:5 t_c_loss:1.2163224 t_sl_loss:
    2.995715
6585 Epoch:411 batch_num:6 t_c_loss:1.0669593 t_sl_loss:
    2.995715
6586 Epoch:411 batch_num:7 t_c_loss:1.2280741 t_sl_loss:
    2.995715
6587 Epoch:411 batch_num:8 t_c_loss:1.0366585 t_sl_loss:
    2.995715
6588 Epoch:411 batch_num:9 t_c_loss:1.0832701 t_sl_loss:
    2.995715
6589 Epoch:411 batch_num:10 t_c_loss:1.0560195 t_sl_loss
    :2.995715
6590 Epoch:411 batch_num:11 t_c_loss:1.2401512 t_sl_loss
    :2.995715
6591 Epoch:411 batch_num:12 t_c_loss:1.2705524 t_sl_loss
    :2.995715
6592 Epoch:411 batch_num:13 t_c_loss:1.4381438 t_sl_loss
    :-0.0
6593 epoch_num:411 accuracy_for_train:0.4904214559386973
6594 epoch_num:411 accuracy_for_test:0.30798479087452474
6595 Epoch:412 batch_num:0 t_c_loss:1.1370766 t_sl_loss:
    2.995715
6596 Epoch:412 batch_num:1 t_c_loss:1.2343471 t_sl_loss:
    2.995715
6597 Epoch:412 batch_num:2 t_c_loss:1.1646441 t_sl_loss:
    2.995715
6598 Epoch:412 batch_num:3 t_c_loss:1.0891013 t_sl_loss:
    2.995715
6599 Epoch:412 batch_num:4 t_c_loss:1.1503924 t_sl_loss:
    2.995715
6600 Epoch:412 batch_num:5 t_c_loss:1.141112 t_sl_loss:2
```

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6600 .995715
6601 Epoch:412 batch_num:6 t_c_loss:1.1669219 t_sl_loss:
    2.995715
6602 Epoch:412 batch_num:7 t_c_loss:1.1135719 t_sl_loss:
    2.995715
6603 Epoch:412 batch_num:8 t_c_loss:1.0219967 t_sl_loss:
    2.995715
6604 Epoch:412 batch_num:9 t_c_loss:1.0045563 t_sl_loss:
    2.995715
6605 Epoch:412 batch_num:10 t_c_loss:1.2282524 t_sl_loss
    :2.995715
6606 Epoch:412 batch_num:11 t_c_loss:1.202831 t_sl_loss:
    2.995715
6607 Epoch:412 batch_num:12 t_c_loss:1.156587 t_sl_loss:
    2.995715
6608 Epoch:412 batch_num:13 t_c_loss:1.4166378 t_sl_loss
    :-0.0
6609 epoch_num:412 accuracy_for_train:0.4367816091954023
6610 epoch_num:412 accuracy_for_test:0.311787072243346
6611 Epoch:413 batch_num:0 t_c_loss:1.0158533 t_sl_loss:
    2.995715
6612 Epoch:413 batch_num:1 t_c_loss:1.198147 t_sl_loss:2
    .995715
6613 Epoch:413 batch_num:2 t_c_loss:1.0938383 t_sl_loss:
    2.995715
6614 Epoch:413 batch_num:3 t_c_loss:1.2728189 t_sl_loss:
    2.995715
6615 Epoch:413 batch_num:4 t_c_loss:1.0694699 t_sl_loss:
    2.9957144
6616 Epoch:413 batch_num:5 t_c_loss:1.3799447 t_sl_loss:
    2.995715
6617 Epoch:413 batch_num:6 t_c_loss:1.0107985 t_sl_loss:
    2.995715
6618 Epoch:413 batch_num:7 t_c_loss:0.8575058 t_sl_loss:
    2.995715
6619 Epoch:413 batch_num:8 t_c_loss:1.1318973 t_sl_loss:
    2.995715
6620 Epoch:413 batch_num:9 t_c_loss:1.20629 t_sl_loss:2.
    995715
6621 Epoch:413 batch_num:10 t_c_loss:0.99234515
    t_sl_loss:2.995715
```

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6622 Epoch:413 batch_num:11 t_c_loss:1.1402318 t_sl_loss
    :2.995715
6623 Epoch:413 batch_num:12 t_c_loss:1.1280006 t_sl_loss
    :2.995715
6624 Epoch:413 batch_num:13 t_c_loss:1.4393187 t_sl_loss
    :-0.0
6625 epoch_num:413 accuracy_for_train:0.5057471264367817
6626 epoch_num:413 accuracy_for_test:0.3041825095057034
6627 Epoch:414 batch_num:0 t_c_loss:1.2873099 t_sl_loss:
    2.9957151
6628 Epoch:414 batch_num:1 t_c_loss:1.0709122 t_sl_loss:
    2.995715
6629 Epoch:414 batch_num:2 t_c_loss:1.0744992 t_sl_loss:
    2.995715
6630 Epoch:414 batch_num:3 t_c_loss:1.01683 t_sl_loss:2.
    995715
6631 Epoch:414 batch_num:4 t_c_loss:1.2085241 t_sl_loss:
    2.995715
6632 Epoch:414 batch_num:5 t_c_loss:0.9927496 t_sl_loss:
    2.9957147
6633 Epoch:414 batch_num:6 t_c_loss:1.0863893 t_sl_loss:
    2.995787
6634 Epoch:414 batch_num:7 t_c_loss:0.9874946 t_sl_loss:
    2.9957151
6635 Epoch:414 batch_num:8 t_c_loss:0.9951208 t_sl_loss:
    2.995715
6636 Epoch:414 batch_num:9 t_c_loss:1.2319877 t_sl_loss:
    2.995715
6637 Epoch:414 batch_num:10 t_c_loss:1.2082473 t_sl_loss
    :2.995715
6638 Epoch:414 batch_num:11 t_c_loss:1.1701839 t_sl_loss
    :2.995715
6639 Epoch:414 batch_num:12 t_c_loss:1.1164722 t_sl_loss
    :2.995715
6640 Epoch:414 batch_num:13 t_c_loss:1.5543436 t_sl_loss
    :-0.0
6641 epoch_num:414 accuracy_for_train:0.4789272030651341
6642 epoch_num:414 accuracy_for_test:0.33079847908745247
6643 Epoch:415 batch_num:0 t_c_loss:1.0827788 t_sl_loss:
    2.995715
6644 Epoch:415 batch_num:1 t_c_loss:1.1176599 t_sl_loss:
```

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6644 2.995715
6645 Epoch:415 batch_num:2 t_c_loss:1.271935 t_sl_loss:2
    .995715
6646 Epoch:415 batch_num:3 t_c_loss:1.0753826 t_sl_loss:
    2.995715
6647 Epoch:415 batch_num:4 t_c_loss:1.1796033 t_sl_loss:
    2.995715
6648 Epoch:415 batch_num:5 t_c_loss:1.1432273 t_sl_loss:
    2.9957163
6649 Epoch:415 batch_num:6 t_c_loss:0.9555249 t_sl_loss:
    2.995715
6650 Epoch:415 batch_num:7 t_c_loss:1.3101994 t_sl_loss:
    2.995715
6651 Epoch:415 batch_num:8 t_c_loss:1.1007591 t_sl_loss:
    2.995715
6652 Epoch:415 batch_num:9 t_c_loss:0.97613585 t_sl_loss
    :2.995715
6653 Epoch:415 batch_num:10 t_c_loss:1.3023913 t_sl_loss
    :2.995715
6654 Epoch:415 batch_num:11 t_c_loss:1.0936453 t_sl_loss
    :2.995715
6655 Epoch:415 batch_num:12 t_c_loss:1.05353 t_sl_loss:2
    .995715
6656 Epoch:415 batch_num:13 t_c_loss:1.4149094 t_sl_loss
    :-0.0
6657 epoch_num:415 accuracy_for_train:0.4942528735632184
6658 epoch_num:415 accuracy_for_test:0.30798479087452474
6659 Epoch:416 batch_num:0 t_c_loss:1.1948708 t_sl_loss:
    2.995715
6660 Epoch:416 batch_num:1 t_c_loss:1.1398623 t_sl_loss:
    2.995715
6661 Epoch:416 batch_num:2 t_c_loss:1.015033 t_sl_loss:2
    .995715
6662 Epoch:416 batch_num:3 t_c_loss:1.2370417 t_sl_loss:
    2.995715
6663 Epoch:416 batch_num:4 t_c_loss:1.1758386 t_sl_loss:
    2.995715
6664 Epoch:416 batch_num:5 t_c_loss:1.2482312 t_sl_loss:
    2.995715
6665 Epoch:416 batch_num:6 t_c_loss:1.2889178 t_sl_loss:
    2.995715
```

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6666 Epoch:416 batch_num:7 t_c_loss:1.1074682 t_sl_loss:
    2.995715
6667 Epoch:416 batch_num:8 t_c_loss:1.0143824 t_sl_loss:
    2.995715
6668 Epoch:416 batch_num:9 t_c_loss:1.1451052 t_sl_loss:
    2.995715
6669 Epoch:416 batch_num:10 t_c_loss:1.1812351 t_sl_loss
    :2.995715
6670 Epoch:416 batch_num:11 t_c_loss:1.066138 t_sl_loss:
    2.995715
6671 Epoch:416 batch_num:12 t_c_loss:0.947395 t_sl_loss:
    2.995715
6672 Epoch:416 batch_num:13 t_c_loss:1.4186088 t_sl_loss
    :-0.0
6673 epoch_num:416 accuracy_for_train:0.4942528735632184
6674 epoch_num:416 accuracy_for_test:0.3193916349809886
6675 Epoch:417 batch_num:0 t_c_loss:0.9995068 t_sl_loss:
    2.995715
6676 Epoch:417 batch_num:1 t_c_loss:1.2699587 t_sl_loss:
    2.995715
6677 Epoch:417 batch_num:2 t_c_loss:1.0956597 t_sl_loss:
    2.995715
6678 Epoch:417 batch_num:3 t_c_loss:1.0152497 t_sl_loss:
    2.995715
6679 Epoch:417 batch_num:4 t_c_loss:1.0144563 t_sl_loss:
    2.995715
6680 Epoch:417 batch_num:5 t_c_loss:1.1285211 t_sl_loss:
    2.995715
6681 Epoch:417 batch_num:6 t_c_loss:1.0077467 t_sl_loss:
    2.9957151
6682 Epoch:417 batch_num:7 t_c_loss:1.1784313 t_sl_loss:
    2.995715
6683 Epoch:417 batch_num:8 t_c_loss:1.130027 t_sl_loss:2
    .995715
6684 Epoch:417 batch_num:9 t_c_loss:1.0822041 t_sl_loss:
    2.995715
6685 Epoch:417 batch_num:10 t_c_loss:1.0415155 t_sl_loss
    :2.995715
6686 Epoch:417 batch_num:11 t_c_loss:1.1448395 t_sl_loss
    :2.995715
6687 Epoch:417 batch_num:12 t_c_loss:1.2788076 t_sl_loss
```

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6687 :2.995715
6688 Epoch:417 batch_num:13 t_c_loss:1.2629395 t_sl_loss
      :-0.0
6689 epoch_num:417 accuracy_for_train:0.5019157088122606
6690 epoch_num:417 accuracy_for_test:0.3193916349809886
6691 Epoch:418 batch_num:0 t_c_loss:1.1275502 t_sl_loss:
      2.995715
6692 Epoch:418 batch_num:1 t_c_loss:1.2180043 t_sl_loss:
      2.995715
6693 Epoch:418 batch_num:2 t_c_loss:1.135658 t_sl_loss:2
      .995715
6694 Epoch:418 batch_num:3 t_c_loss:1.2401196 t_sl_loss:
      2.995715
6695 Epoch:418 batch_num:4 t_c_loss:1.1678025 t_sl_loss:
      2.995715
6696 Epoch:418 batch_num:5 t_c_loss:1.2838988 t_sl_loss:
      2.995715
6697 Epoch:418 batch_num:6 t_c_loss:1.1223333 t_sl_loss:
      2.995715
6698 Epoch:418 batch_num:7 t_c_loss:1.123568 t_sl_loss:2
      .995715
6699 Epoch:418 batch_num:8 t_c_loss:1.1551213 t_sl_loss:
      2.995715
6700 Epoch:418 batch_num:9 t_c_loss:0.97083414 t_sl_loss
      :2.995715
6701 Epoch:418 batch_num:10 t_c_loss:0.9525471 t_sl_loss
      :2.995715
6702 Epoch:418 batch_num:11 t_c_loss:1.1005937 t_sl_loss
      :2.995715
6703 Epoch:418 batch_num:12 t_c_loss:1.0029179 t_sl_loss
      :2.995715
6704 Epoch:418 batch_num:13 t_c_loss:1.4431112 t_sl_loss
      :-0.0
6705 epoch_num:418 accuracy_for_train:0.
      44061302681992337
6706 epoch_num:418 accuracy_for_test:0.3193916349809886
6707 Epoch:419 batch_num:0 t_c_loss:1.0884225 t_sl_loss:
      2.995715
6708 Epoch:419 batch_num:1 t_c_loss:1.6041353 t_sl_loss:
      2.995715
6709 Epoch:419 batch_num:2 t_c_loss:1.0634437 t_sl_loss:
```

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6709 2.995715
6710 Epoch:419 batch_num:3 t_c_loss:1.1866562 t_sl_loss:
      2.995715
6711 Epoch:419 batch_num:4 t_c_loss:1.2758511 t_sl_loss:
      2.995715
6712 Epoch:419 batch_num:5 t_c_loss:1.1652668 t_sl_loss:
      2.995715
6713 Epoch:419 batch_num:6 t_c_loss:1.1706526 t_sl_loss:
      2.995715
6714 Epoch:419 batch_num:7 t_c_loss:1.2368219 t_sl_loss:
      2.995715
6715 Epoch:419 batch_num:8 t_c_loss:1.1086489 t_sl_loss:
      2.995715
6716 Epoch:419 batch_num:9 t_c_loss:0.8124051 t_sl_loss:
      2.995715
6717 Epoch:419 batch_num:10 t_c_loss:1.1376139 t_sl_loss
      :2.995715
6718 Epoch:419 batch_num:11 t_c_loss:1.1453588 t_sl_loss
      :2.995715
6719 Epoch:419 batch_num:12 t_c_loss:1.0284865 t_sl_loss
      :2.995715
6720 Epoch:419 batch_num:13 t_c_loss:1.3119421 t_sl_loss
      :-0.0
6721 epoch_num:419 accuracy_for_train:0.
      49808429118773945
6722 epoch_num:419 accuracy_for_test:0.30798479087452474
6723 Epoch:420 batch_num:0 t_c_loss:1.2565892 t_sl_loss:
      2.995715
6724 Epoch:420 batch_num:1 t_c_loss:1.1359117 t_sl_loss:
      2.995715
6725 Epoch:420 batch_num:2 t_c_loss:1.149426 t_sl_loss:2
      .995715
6726 Epoch:420 batch_num:3 t_c_loss:0.83780175 t_sl_loss
      :2.995715
6727 Epoch:420 batch_num:4 t_c_loss:1.0666478 t_sl_loss:
      2.995715
6728 Epoch:420 batch_num:5 t_c_loss:1.1237895 t_sl_loss:
      2.995715
6729 Epoch:420 batch_num:6 t_c_loss:1.2859066 t_sl_loss:
      2.995715
6730 Epoch:420 batch_num:7 t_c_loss:0.9605888 t_sl_loss:
```

```
6730 2.995715
6731 Epoch:420 batch_num:8 t_c_loss:1.1579654 t_sl_loss:
    2.995715
6732 Epoch:420 batch_num:9 t_c_loss:1.0687408 t_sl_loss:
    2.995715
6733 Epoch:420 batch_num:10 t_c_loss:0.9101804 t_sl_loss
    :2.995715
6734 Epoch:420 batch_num:11 t_c_loss:1.1457859 t_sl_loss
    :2.995715
6735 Epoch:420 batch_num:12 t_c_loss:0.9431847 t_sl_loss
    :2.995715
6736 Epoch:420 batch_num:13 t_c_loss:1.3002913 t_sl_loss
    :-0.0
6737 epoch_num:420 accuracy_for_train:0.5057471264367817
6738 epoch_num:420 accuracy_for_test:0.2965779467680608
6739 Epoch:421 batch_num:0 t_c_loss:1.1904322 t_sl_loss:
    2.995715
6740 Epoch:421 batch_num:1 t_c_loss:1.0607617 t_sl_loss:
    2.995715
6741 Epoch:421 batch_num:2 t_c_loss:0.7957057 t_sl_loss:
    2.995715
6742 Epoch:421 batch_num:3 t_c_loss:1.1566236 t_sl_loss:
    2.995715
6743 Epoch:421 batch_num:4 t_c_loss:0.92699254 t_sl_loss
    :2.995715
6744 Epoch:421 batch_num:5 t_c_loss:0.9628936 t_sl_loss:
    2.995715
6745 Epoch:421 batch_num:6 t_c_loss:1.128953 t_sl_loss:2
    .995715
6746 Epoch:421 batch_num:7 t_c_loss:0.98153937 t_sl_loss
    :2.995715
6747 Epoch:421 batch_num:8 t_c_loss:1.1797683 t_sl_loss:
    2.995715
6748 Epoch:421 batch_num:9 t_c_loss:1.114836 t_sl_loss:2
    .995715
6749 Epoch:421 batch_num:10 t_c_loss:1.3884832 t_sl_loss
    :2.995715
6750 Epoch:421 batch_num:11 t_c_loss:1.2914685 t_sl_loss
    :2.995715
6751 Epoch:421 batch_num:12 t_c_loss:1.1487588 t_sl_loss
    :2.995715
```



```
6752 Epoch:421 batch_num:13 t_c_loss:1.1599227 t_sl_loss
    :-0.0
6753 epoch_num:421 accuracy_for_train:0.5019157088122606
6754 epoch_num:421 accuracy_for_test:0.3155893536121673
6755 Epoch:422 batch_num:0 t_c_loss:1.076274 t_sl_loss:2
    .995715
6756 Epoch:422 batch_num:1 t_c_loss:1.2690222 t_sl_loss:
    2.995715
6757 Epoch:422 batch_num:2 t_c_loss:1.0468191 t_sl_loss:
    2.995715
6758 Epoch:422 batch_num:3 t_c_loss:1.0533874 t_sl_loss:
    2.995715
6759 Epoch:422 batch_num:4 t_c_loss:1.157944 t_sl_loss:2
    .995715
6760 Epoch:422 batch_num:5 t_c_loss:1.058316 t_sl_loss:2
    .995715
6761 Epoch:422 batch_num:6 t_c_loss:1.2752421 t_sl_loss:
    2.995715
6762 Epoch:422 batch_num:7 t_c_loss:1.17259 t_sl_loss:2.
    995715
6763 Epoch:422 batch_num:8 t_c_loss:1.0739228 t_sl_loss:
    2.995715
6764 Epoch:422 batch_num:9 t_c_loss:1.0863541 t_sl_loss:
    2.995715
6765 Epoch:422 batch_num:10 t_c_loss:1.1762885 t_sl_loss
    :2.995715
6766 Epoch:422 batch_num:11 t_c_loss:1.004558 t_sl_loss:
    2.995715
6767 Epoch:422 batch_num:12 t_c_loss:1.0732113 t_sl_loss
    :2.995715
6768 Epoch:422 batch_num:13 t_c_loss:1.4255751 t_sl_loss
    :-0.0
6769 epoch_num:422 accuracy_for_train:0.5057471264367817
6770 epoch_num:422 accuracy_for_test:0.311787072243346
6771 Epoch:423 batch_num:0 t_c_loss:1.0297862 t_sl_loss:
    2.995715
6772 Epoch:423 batch_num:1 t_c_loss:1.0962389 t_sl_loss:
    2.995715
6773 Epoch:423 batch_num:2 t_c_loss:1.2493005 t_sl_loss:
    2.995715
6774 Epoch:423 batch_num:3 t_c_loss:0.9551302 t_sl_loss:
```

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6774 2.995715
6775 Epoch:423 batch_num:4 t_c_loss:1.1131644 t_sl_loss:
    2.995715
6776 Epoch:423 batch_num:5 t_c_loss:1.1656755 t_sl_loss:
    2.995715
6777 Epoch:423 batch_num:6 t_c_loss:1.0530227 t_sl_loss:
    2.995715
6778 Epoch:423 batch_num:7 t_c_loss:1.1839509 t_sl_loss:
    2.995715
6779 Epoch:423 batch_num:8 t_c_loss:1.1643343 t_sl_loss:
    2.995715
6780 Epoch:423 batch_num:9 t_c_loss:0.9372443 t_sl_loss:
    2.995715
6781 Epoch:423 batch_num:10 t_c_loss:1.2340726 t_sl_loss
    :2.995715
6782 Epoch:423 batch_num:11 t_c_loss:1.015552 t_sl_loss:
    2.995715
6783 Epoch:423 batch_num:12 t_c_loss:1.0737675 t_sl_loss
    :2.995715
6784 Epoch:423 batch_num:13 t_c_loss:1.3935035 t_sl_loss
    :-0.0
6785 epoch_num:423 accuracy_for_train:0.5095785440613027
6786 epoch_num:423 accuracy_for_test:0.30038022813688214
6787 Epoch:424 batch_num:0 t_c_loss:1.3845972 t_sl_loss:
    2.995715
6788 Epoch:424 batch_num:1 t_c_loss:1.1997194 t_sl_loss:
    2.995715
6789 Epoch:424 batch_num:2 t_c_loss:1.0807925 t_sl_loss:
    2.995715
6790 Epoch:424 batch_num:3 t_c_loss:1.0421338 t_sl_loss:
    2.995715
6791 Epoch:424 batch_num:4 t_c_loss:0.9505774 t_sl_loss:
    2.995715
6792 Epoch:424 batch_num:5 t_c_loss:1.1184696 t_sl_loss:
    2.995715
6793 Epoch:424 batch_num:6 t_c_loss:1.1308773 t_sl_loss:
    2.995715
6794 Epoch:424 batch_num:7 t_c_loss:1.1685785 t_sl_loss:
    2.995715
6795 Epoch:424 batch_num:8 t_c_loss:1.0085878 t_sl_loss:
    2.995715
```

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6796 Epoch:424 batch_num:9 t_c_loss:1.1348431 t_sl_loss:
    2.995715
6797 Epoch:424 batch_num:10 t_c_loss:1.0646111 t_sl_loss
    :2.995715
6798 Epoch:424 batch_num:11 t_c_loss:1.1649125 t_sl_loss
    :2.995715
6799 Epoch:424 batch_num:12 t_c_loss:1.1266128 t_sl_loss
    :2.995715
6800 Epoch:424 batch_num:13 t_c_loss:1.1723914 t_sl_loss
    :-0.0
6801 epoch_num:424 accuracy_for_train:0.5057471264367817
6802 epoch_num:424 accuracy_for_test:0.3231939163498099
6803 Epoch:425 batch_num:0 t_c_loss:1.1514881 t_sl_loss:
    2.995715
6804 Epoch:425 batch_num:1 t_c_loss:1.2317892 t_sl_loss:
    2.995715
6805 Epoch:425 batch_num:2 t_c_loss:1.2327417 t_sl_loss:
    2.995715
6806 Epoch:425 batch_num:3 t_c_loss:1.3530668 t_sl_loss:
    2.995715
6807 Epoch:425 batch_num:4 t_c_loss:0.95025843 t_sl_loss
    :2.995715
6808 Epoch:425 batch_num:5 t_c_loss:1.0181143 t_sl_loss:
    2.995715
6809 Epoch:425 batch_num:6 t_c_loss:1.1986333 t_sl_loss:
    2.995715
6810 Epoch:425 batch_num:7 t_c_loss:1.1525761 t_sl_loss:
    2.995715
6811 Epoch:425 batch_num:8 t_c_loss:1.0908797 t_sl_loss:
    2.995715
6812 Epoch:425 batch_num:9 t_c_loss:1.3005327 t_sl_loss:
    2.995715
6813 Epoch:425 batch_num:10 t_c_loss:1.1971049 t_sl_loss
    :2.995715
6814 Epoch:425 batch_num:11 t_c_loss:1.2172858 t_sl_loss
    :2.995715
6815 Epoch:425 batch_num:12 t_c_loss:0.95166844
    t_sl_loss:2.995715
6816 Epoch:425 batch_num:13 t_c_loss:1.3038185 t_sl_loss
    :-0.0
6817 epoch_num:425 accuracy_for_train:0.4942528735632184
```

```
6818 epoch_num:425 accuracy_for_test:0.30038022813688214
6819 Epoch:426 batch_num:0 t_c_loss:1.0985713 t_sl_loss:
    2.995715
6820 Epoch:426 batch_num:1 t_c_loss:1.1208427 t_sl_loss:
    2.995715
6821 Epoch:426 batch_num:2 t_c_loss:1.1429505 t_sl_loss:
    2.9957178
6822 Epoch:426 batch_num:3 t_c_loss:1.2089026 t_sl_loss:
    2.995715
6823 Epoch:426 batch_num:4 t_c_loss:1.1152328 t_sl_loss:
    2.995715
6824 Epoch:426 batch_num:5 t_c_loss:1.3494518 t_sl_loss:
    2.995715
6825 Epoch:426 batch_num:6 t_c_loss:0.96286756 t_sl_loss
    :2.995715
6826 Epoch:426 batch_num:7 t_c_loss:1.0895926 t_sl_loss:
    2.995715
6827 Epoch:426 batch_num:8 t_c_loss:0.98189336 t_sl_loss
    :2.995715
6828 Epoch:426 batch_num:9 t_c_loss:1.172836 t_sl_loss:2
    .995715
6829 Epoch:426 batch_num:10 t_c_loss:1.1303631 t_sl_loss
    :2.995715
6830 Epoch:426 batch_num:11 t_c_loss:1.2128283 t_sl_loss
    :2.995715
6831 Epoch:426 batch_num:12 t_c_loss:1.1035612 t_sl_loss
    :2.995715
6832 Epoch:426 batch_num:13 t_c_loss:1.276059 t_sl_loss
    :-0.0
6833 epoch_num:426 accuracy_for_train:0.
    48659003831417624
6834 epoch_num:426 accuracy_for_test:0.3193916349809886
6835 Epoch:427 batch_num:0 t_c_loss:1.1089302 t_sl_loss:
    2.995715
6836 Epoch:427 batch_num:1 t_c_loss:0.9437788 t_sl_loss:
    2.995715
6837 Epoch:427 batch_num:2 t_c_loss:1.151334 t_sl_loss:2
    .995715
6838 Epoch:427 batch_num:3 t_c_loss:1.0977452 t_sl_loss:
    2.995715
6839 Epoch:427 batch_num:4 t_c_loss:1.1768026 t_sl_loss:
```

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6839 2.995715
6840 Epoch:427 batch_num:5 t_c_loss:1.1057894 t_sl_loss:
    2.995715
6841 Epoch:427 batch_num:6 t_c_loss:1.1802052 t_sl_loss:
    2.995715
6842 Epoch:427 batch_num:7 t_c_loss:1.1492803 t_sl_loss:
    2.995715
6843 Epoch:427 batch_num:8 t_c_loss:1.1700231 t_sl_loss:
    2.995715
6844 Epoch:427 batch_num:9 t_c_loss:1.1435368 t_sl_loss:
    2.995715
6845 Epoch:427 batch_num:10 t_c_loss:1.2113104 t_sl_loss
    :2.995715
6846 Epoch:427 batch_num:11 t_c_loss:1.055198 t_sl_loss:
    2.995715
6847 Epoch:427 batch_num:12 t_c_loss:1.2125108 t_sl_loss
    :2.995715
6848 Epoch:427 batch_num:13 t_c_loss:1.0968707 t_sl_loss
    :-0.0
6849 epoch_num:427 accuracy_for_train:0.4904214559386973
6850 epoch_num:427 accuracy_for_test:0.3231939163498099
6851 Epoch:428 batch_num:0 t_c_loss:1.1952279 t_sl_loss:
    2.995715
6852 Epoch:428 batch_num:1 t_c_loss:1.2163455 t_sl_loss:
    2.995715
6853 Epoch:428 batch_num:2 t_c_loss:1.1237456 t_sl_loss:
    2.995715
6854 Epoch:428 batch_num:3 t_c_loss:0.9580698 t_sl_loss:
    2.995715
6855 Epoch:428 batch_num:4 t_c_loss:1.0903507 t_sl_loss:
    2.995715
6856 Epoch:428 batch_num:5 t_c_loss:1.1511271 t_sl_loss:
    2.995715
6857 Epoch:428 batch_num:6 t_c_loss:1.068781 t_sl_loss:2
    .995715
6858 Epoch:428 batch_num:7 t_c_loss:1.4745123 t_sl_loss:
    2.995715
6859 Epoch:428 batch_num:8 t_c_loss:1.049633 t_sl_loss:2
    .995715
6860 Epoch:428 batch_num:9 t_c_loss:1.1635249 t_sl_loss:
    2.995715
```

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6861 Epoch:428 batch_num:10 t_c_loss:0.89452296
    t_sl_loss:2.995715
6862 Epoch:428 batch_num:11 t_c_loss:1.0740842 t_sl_loss
    :2.995716
6863 Epoch:428 batch_num:12 t_c_loss:1.1483053 t_sl_loss
    :2.995715
6864 Epoch:428 batch_num:13 t_c_loss:0.09210995
    t_sl_loss:-0.0
6865 epoch_num:428 accuracy_for_train:0.
    44061302681992337
6866 epoch_num:428 accuracy_for_test:0.3193916349809886
6867 Epoch:429 batch_num:0 t_c_loss:1.2170198 t_sl_loss:
    2.995715
6868 Epoch:429 batch_num:1 t_c_loss:1.1759076 t_sl_loss:
    2.995715
6869 Epoch:429 batch_num:2 t_c_loss:1.0400755 t_sl_loss:
    2.995715
6870 Epoch:429 batch_num:3 t_c_loss:1.1343229 t_sl_loss:
    2.995715
6871 Epoch:429 batch_num:4 t_c_loss:1.1417135 t_sl_loss:
    2.995715
6872 Epoch:429 batch_num:5 t_c_loss:0.9621134 t_sl_loss:
    2.995715
6873 Epoch:429 batch_num:6 t_c_loss:1.1340727 t_sl_loss:
    2.995723
6874 Epoch:429 batch_num:7 t_c_loss:1.1955719 t_sl_loss:
    2.995715
6875 Epoch:429 batch_num:8 t_c_loss:1.2411368 t_sl_loss:
    2.995715
6876 Epoch:429 batch_num:9 t_c_loss:1.2097099 t_sl_loss:
    2.9957151
6877 Epoch:429 batch_num:10 t_c_loss:1.106296 t_sl_loss:
    2.995715
6878 Epoch:429 batch_num:11 t_c_loss:1.0603628 t_sl_loss
    :2.995715
6879 Epoch:429 batch_num:12 t_c_loss:0.94585353
    t_sl_loss:2.995715
6880 Epoch:429 batch_num:13 t_c_loss:1.7326461 t_sl_loss
    :-0.0
6881 epoch_num:429 accuracy_for_train:0.
    49808429118773945
```

```
6882 epoch_num:429 accuracy_for_test:0.30038022813688214
6883 Epoch:430 batch_num:0 t_c_loss:1.357187 t_sl_loss:2
    .995715
6884 Epoch:430 batch_num:1 t_c_loss:0.8641443 t_sl_loss:
    2.995715
6885 Epoch:430 batch_num:2 t_c_loss:1.1252674 t_sl_loss:
    2.995715
6886 Epoch:430 batch_num:3 t_c_loss:1.3517683 t_sl_loss:
    2.995715
6887 Epoch:430 batch_num:4 t_c_loss:1.1945312 t_sl_loss:
    2.995715
6888 Epoch:430 batch_num:5 t_c_loss:0.9905715 t_sl_loss:
    2.995715
6889 Epoch:430 batch_num:6 t_c_loss:1.0966008 t_sl_loss:
    2.995715
6890 Epoch:430 batch_num:7 t_c_loss:0.99322665 t_sl_loss
    :2.995715
6891 Epoch:430 batch_num:8 t_c_loss:1.1535318 t_sl_loss:
    2.995715
6892 Epoch:430 batch_num:9 t_c_loss:1.1068757 t_sl_loss:
    2.995715
6893 Epoch:430 batch_num:10 t_c_loss:1.2133634 t_sl_loss
    :2.995715
6894 Epoch:430 batch_num:11 t_c_loss:1.1686004 t_sl_loss
    :2.995715
6895 Epoch:430 batch_num:12 t_c_loss:1.0408973 t_sl_loss
    :2.995715
6896 Epoch:430 batch_num:13 t_c_loss:1.4850981 t_sl_loss
    :-0.0
6897 epoch_num:430 accuracy_for_train:0.4942528735632184
6898 epoch_num:430 accuracy_for_test:0.30798479087452474
6899 Epoch:431 batch_num:0 t_c_loss:1.2917453 t_sl_loss:
    2.995715
6900 Epoch:431 batch_num:1 t_c_loss:1.2400935 t_sl_loss:
    2.995715
6901 Epoch:431 batch_num:2 t_c_loss:0.899463 t_sl_loss:2
    .995715
6902 Epoch:431 batch_num:3 t_c_loss:1.0872028 t_sl_loss:
    2.995715
6903 Epoch:431 batch_num:4 t_c_loss:0.97310877 t_sl_loss
    :2.995715
```

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6904 Epoch:431 batch_num:5 t_c_loss:1.2892741 t_sl_loss:
    2.995715
6905 Epoch:431 batch_num:6 t_c_loss:0.9237466 t_sl_loss:
    2.995715
6906 Epoch:431 batch_num:7 t_c_loss:1.0719552 t_sl_loss:
    2.9958997
6907 Epoch:431 batch_num:8 t_c_loss:1.2158644 t_sl_loss:
    2.995715
6908 Epoch:431 batch_num:9 t_c_loss:1.2828375 t_sl_loss:
    2.995715
6909 Epoch:431 batch_num:10 t_c_loss:1.1287363 t_sl_loss
    :2.995715
6910 Epoch:431 batch_num:11 t_c_loss:1.2306695 t_sl_loss
    :2.995715
6911 Epoch:431 batch_num:12 t_c_loss:1.0503316 t_sl_loss
    :2.995715
6912 Epoch:431 batch_num:13 t_c_loss:1.4495137 t_sl_loss
    :-0.0
6913 epoch_num:431 accuracy_for_train:0.
    48659003831417624
6914 epoch_num:431 accuracy_for_test:0.3041825095057034
6915 Epoch:432 batch_num:0 t_c_loss:1.0860071 t_sl_loss:
    2.995715
6916 Epoch:432 batch_num:1 t_c_loss:1.1292669 t_sl_loss:
    2.995715
6917 Epoch:432 batch_num:2 t_c_loss:1.2421744 t_sl_loss:
    2.995715
6918 Epoch:432 batch_num:3 t_c_loss:1.0718277 t_sl_loss:
    2.995715
6919 Epoch:432 batch_num:4 t_c_loss:1.1469173 t_sl_loss:
    2.995715
6920 Epoch:432 batch_num:5 t_c_loss:1.0127571 t_sl_loss:
    2.995715
6921 Epoch:432 batch_num:6 t_c_loss:1.2619683 t_sl_loss:
    2.995715
6922 Epoch:432 batch_num:7 t_c_loss:1.2641466 t_sl_loss:
    2.995715
6923 Epoch:432 batch_num:8 t_c_loss:0.995481 t_sl_loss:2
    .9957418
6924 Epoch:432 batch_num:9 t_c_loss:1.0986549 t_sl_loss:
    2.995715
```



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6925 Epoch:432 batch_num:10 t_c_loss:1.1699476 t_sl_loss
    :2.995715
6926 Epoch:432 batch_num:11 t_c_loss:0.9748151 t_sl_loss
    :2.995715
6927 Epoch:432 batch_num:12 t_c_loss:1.0351126 t_sl_loss
    :2.995715
6928 Epoch:432 batch_num:13 t_c_loss:1.2591257 t_sl_loss
    :-0.0
6929 epoch_num:432 accuracy_for_train:0.4444444444444444
6930 epoch_num:432 accuracy_for_test:0.311787072243346
6931 Epoch:433 batch_num:0 t_c_loss:1.173943 t_sl_loss:2
    .995715
6932 Epoch:433 batch_num:1 t_c_loss:1.1273239 t_sl_loss:
    2.995715
6933 Epoch:433 batch_num:2 t_c_loss:1.1003935 t_sl_loss:
    2.995715
6934 Epoch:433 batch_num:3 t_c_loss:1.3018153 t_sl_loss:
    2.995715
6935 Epoch:433 batch_num:4 t_c_loss:1.1951047 t_sl_loss:
    2.995715
6936 Epoch:433 batch_num:5 t_c_loss:1.3270906 t_sl_loss:
    2.995715
6937 Epoch:433 batch_num:6 t_c_loss:1.1534436 t_sl_loss:
    2.995715
6938 Epoch:433 batch_num:7 t_c_loss:1.3908392 t_sl_loss:
    2.995715
6939 Epoch:433 batch_num:8 t_c_loss:1.0955812 t_sl_loss:
    2.995715
6940 Epoch:433 batch_num:9 t_c_loss:1.1197445 t_sl_loss:
    2.995715
6941 Epoch:433 batch_num:10 t_c_loss:0.958008 t_sl_loss:
    2.995715
6942 Epoch:433 batch_num:11 t_c_loss:0.9285909 t_sl_loss
    :2.995715
6943 Epoch:433 batch_num:12 t_c_loss:1.0104626 t_sl_loss
    :2.995715
6944 Epoch:433 batch_num:13 t_c_loss:1.7394545 t_sl_loss
    :-0.0
6945 epoch_num:433 accuracy_for_train:0.4904214559386973
6946 epoch_num:433 accuracy_for_test:0.3041825095057034
6947 Epoch:434 batch_num:0 t_c_loss:1.2309889 t_sl_loss:
```

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6947 2.995715
6948 Epoch:434 batch_num:1 t_c_loss:1.1019994 t_sl_loss:
      2.995715
6949 Epoch:434 batch_num:2 t_c_loss:0.9089993 t_sl_loss:
      2.995715
6950 Epoch:434 batch_num:3 t_c_loss:1.2991927 t_sl_loss:
      2.995715
6951 Epoch:434 batch_num:4 t_c_loss:1.1754295 t_sl_loss:
      2.995715
6952 Epoch:434 batch_num:5 t_c_loss:1.2045825 t_sl_loss:
      2.995715
6953 Epoch:434 batch_num:6 t_c_loss:1.1384606 t_sl_loss:
      2.995715
6954 Epoch:434 batch_num:7 t_c_loss:1.4548628 t_sl_loss:
      2.995715
6955 Epoch:434 batch_num:8 t_c_loss:1.0908226 t_sl_loss:
      2.995715
6956 Epoch:434 batch_num:9 t_c_loss:1.1150734 t_sl_loss:
      2.995715
6957 Epoch:434 batch_num:10 t_c_loss:0.97722137
      t_sl_loss:2.995715
6958 Epoch:434 batch_num:11 t_c_loss:1.0642009 t_sl_loss
      :2.995715
6959 Epoch:434 batch_num:12 t_c_loss:0.98927164
      t_sl_loss:2.995715
6960 Epoch:434 batch_num:13 t_c_loss:1.5293574 t_sl_loss
      :-0.0
6961 epoch_num:434 accuracy_for_train:0.
      48659003831417624
6962 epoch_num:434 accuracy_for_test:0.3231939163498099
6963 Epoch:435 batch_num:0 t_c_loss:1.277138 t_sl_loss:2
      .995715
6964 Epoch:435 batch_num:1 t_c_loss:1.0206789 t_sl_loss:
      2.995715
6965 Epoch:435 batch_num:2 t_c_loss:1.2274624 t_sl_loss:
      2.995715
6966 Epoch:435 batch_num:3 t_c_loss:1.2776648 t_sl_loss:
      2.995715
6967 Epoch:435 batch_num:4 t_c_loss:1.0436008 t_sl_loss:
      2.995715
6968 Epoch:435 batch_num:5 t_c_loss:0.8541896 t_sl_loss:
```

```
6968 2.995715
6969 Epoch:435 batch_num:6 t_c_loss:1.1741865 t_sl_loss:
    2.995715
6970 Epoch:435 batch_num:7 t_c_loss:1.0286205 t_sl_loss:
    2.995715
6971 Epoch:435 batch_num:8 t_c_loss:1.1950061 t_sl_loss:
    2.995715
6972 Epoch:435 batch_num:9 t_c_loss:1.3131738 t_sl_loss:
    2.995715
6973 Epoch:435 batch_num:10 t_c_loss:1.0600334 t_sl_loss
    :2.9957147
6974 Epoch:435 batch_num:11 t_c_loss:1.1102736 t_sl_loss
    :2.995715
6975 Epoch:435 batch_num:12 t_c_loss:1.0360519 t_sl_loss
    :2.995715
6976 Epoch:435 batch_num:13 t_c_loss:1.5793078 t_sl_loss
    :-0.0
6977 epoch_num:435 accuracy_for_train:0.4942528735632184
6978 epoch_num:435 accuracy_for_test:0.3231939163498099
6979 Epoch:436 batch_num:0 t_c_loss:1.0957851 t_sl_loss:
    2.995715
6980 Epoch:436 batch_num:1 t_c_loss:1.2238233 t_sl_loss:
    2.995715
6981 Epoch:436 batch_num:2 t_c_loss:1.2669885 t_sl_loss:
    2.995715
6982 Epoch:436 batch_num:3 t_c_loss:1.0396067 t_sl_loss:
    2.995715
6983 Epoch:436 batch_num:4 t_c_loss:1.2862251 t_sl_loss:
    2.995715
6984 Epoch:436 batch_num:5 t_c_loss:1.1361121 t_sl_loss:
    2.995715
6985 Epoch:436 batch_num:6 t_c_loss:1.0093936 t_sl_loss:
    2.995715
6986 Epoch:436 batch_num:7 t_c_loss:0.9062048 t_sl_loss:
    2.995715
6987 Epoch:436 batch_num:8 t_c_loss:1.3358104 t_sl_loss:
    2.995715
6988 Epoch:436 batch_num:9 t_c_loss:1.0290519 t_sl_loss:
    2.995715
6989 Epoch:436 batch_num:10 t_c_loss:0.95719385
    t_sl_loss:2.995715
```

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6990 Epoch:436 batch_num:11 t_c_loss:0.9286151 t_sl_loss
:2.995715
6991 Epoch:436 batch_num:12 t_c_loss:1.2124506 t_sl_loss
:2.995715
6992 Epoch:436 batch_num:13 t_c_loss:1.5218308 t_sl_loss
:-0.0
6993 epoch_num:436 accuracy_for_train:0.
49808429118773945
6994 epoch_num:436 accuracy_for_test:0.3269961977186312
6995 Epoch:437 batch_num:0 t_c_loss:1.1622326 t_sl_loss:
2.995715
6996 Epoch:437 batch_num:1 t_c_loss:1.2246318 t_sl_loss:
2.995715
6997 Epoch:437 batch_num:2 t_c_loss:0.98187006 t_sl_loss
:2.995715
6998 Epoch:437 batch_num:3 t_c_loss:1.2036604 t_sl_loss:
2.995715
6999 Epoch:437 batch_num:4 t_c_loss:1.144154 t_sl_loss:2
.995715
7000 Epoch:437 batch_num:5 t_c_loss:1.0444353 t_sl_loss:
2.995715
7001 Epoch:437 batch_num:6 t_c_loss:1.1665511 t_sl_loss:
2.995715
7002 Epoch:437 batch_num:7 t_c_loss:1.0475261 t_sl_loss:
2.995715
7003 Epoch:437 batch_num:8 t_c_loss:0.9734227 t_sl_loss:
2.995715
7004 Epoch:437 batch_num:9 t_c_loss:1.1483892 t_sl_loss:
2.995715
7005 Epoch:437 batch_num:10 t_c_loss:1.1975482 t_sl_loss
:2.995715
7006 Epoch:437 batch_num:11 t_c_loss:1.2652261 t_sl_loss
:2.995715
7007 Epoch:437 batch_num:12 t_c_loss:0.99456894
t_sl_loss:2.995715
7008 Epoch:437 batch_num:13 t_c_loss:0.080063105
t_sl_loss:-0.0
7009 epoch_num:437 accuracy_for_train:0.4367816091954023
7010 epoch_num:437 accuracy_for_test:0.3155893536121673
7011 Epoch:438 batch_num:0 t_c_loss:1.2360079 t_sl_loss:
2.995715
```

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7012 Epoch:438 batch_num:1 t_c_loss:1.0755713 t_sl_loss:
    2.995715
7013 Epoch:438 batch_num:2 t_c_loss:1.136838 t_sl_loss:2
    .995715
7014 Epoch:438 batch_num:3 t_c_loss:1.013201 t_sl_loss:2
    .995715
7015 Epoch:438 batch_num:4 t_c_loss:1.0957277 t_sl_loss:
    2.995715
7016 Epoch:438 batch_num:5 t_c_loss:1.1430142 t_sl_loss:
    2.995715
7017 Epoch:438 batch_num:6 t_c_loss:1.2522446 t_sl_loss:
    2.9957147
7018 Epoch:438 batch_num:7 t_c_loss:1.0099792 t_sl_loss:
    2.995715
7019 Epoch:438 batch_num:8 t_c_loss:0.9334777 t_sl_loss:
    2.995715
7020 Epoch:438 batch_num:9 t_c_loss:1.0605929 t_sl_loss:
    2.995715
7021 Epoch:438 batch_num:10 t_c_loss:1.075006 t_sl_loss:
    2.995715
7022 Epoch:438 batch_num:11 t_c_loss:1.2092714 t_sl_loss
    :2.995715
7023 Epoch:438 batch_num:12 t_c_loss:1.1948144 t_sl_loss
    :2.995715
7024 Epoch:438 batch_num:13 t_c_loss:1.4242473 t_sl_loss
    :-0.0
7025 epoch_num:438 accuracy_for_train:0.
    42528735632183906
7026 epoch_num:438 accuracy_for_test:0.3231939163498099
7027 Epoch:439 batch_num:0 t_c_loss:1.2209204 t_sl_loss:
    2.995715
7028 Epoch:439 batch_num:1 t_c_loss:1.1918528 t_sl_loss:
    2.995715
7029 Epoch:439 batch_num:2 t_c_loss:1.1222724 t_sl_loss:
    2.995715
7030 Epoch:439 batch_num:3 t_c_loss:1.1851183 t_sl_loss:
    2.995715
7031 Epoch:439 batch_num:4 t_c_loss:1.2132915 t_sl_loss:
    2.9959464
7032 Epoch:439 batch_num:5 t_c_loss:0.9285865 t_sl_loss:
    2.995715
```

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7033 Epoch:439 batch_num:6 t_c_loss:1.1805909 t_sl_loss:
    2.995715
7034 Epoch:439 batch_num:7 t_c_loss:1.0411642 t_sl_loss:
    2.995715
7035 Epoch:439 batch_num:8 t_c_loss:1.1798267 t_sl_loss:
    2.995715
7036 Epoch:439 batch_num:9 t_c_loss:0.9449495 t_sl_loss:
    2.995715
7037 Epoch:439 batch_num:10 t_c_loss:1.0964196 t_sl_loss
    :2.995715
7038 Epoch:439 batch_num:11 t_c_loss:1.2743435 t_sl_loss
    :2.995715
7039 Epoch:439 batch_num:12 t_c_loss:1.1045685 t_sl_loss
    :2.995715
7040 Epoch:439 batch_num:13 t_c_loss:1.1544751 t_sl_loss
    :-0.0
7041 epoch_num:439 accuracy_for_train:0.5019157088122606
7042 epoch_num:439 accuracy_for_test:0.3231939163498099
7043 Epoch:440 batch_num:0 t_c_loss:1.1161009 t_sl_loss:
    2.995715
7044 Epoch:440 batch_num:1 t_c_loss:0.9073407 t_sl_loss:
    2.995715
7045 Epoch:440 batch_num:2 t_c_loss:1.2302401 t_sl_loss:
    2.995715
7046 Epoch:440 batch_num:3 t_c_loss:1.120465 t_sl_loss:2
    .995715
7047 Epoch:440 batch_num:4 t_c_loss:1.0193208 t_sl_loss:
    2.995715
7048 Epoch:440 batch_num:5 t_c_loss:1.2203351 t_sl_loss:
    2.995715
7049 Epoch:440 batch_num:6 t_c_loss:1.1502095 t_sl_loss:
    2.9957151
7050 Epoch:440 batch_num:7 t_c_loss:1.1309485 t_sl_loss:
    2.995715
7051 Epoch:440 batch_num:8 t_c_loss:1.1230733 t_sl_loss:
    2.995715
7052 Epoch:440 batch_num:9 t_c_loss:1.246447 t_sl_loss:2
    .995715
7053 Epoch:440 batch_num:10 t_c_loss:0.9815837 t_sl_loss
    :2.995715
7054 Epoch:440 batch_num:11 t_c_loss:1.1892703 t_sl_loss
```

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7054 :2.995715
7055 Epoch:440 batch_num:12 t_c_loss:1.1745735 t_sl_loss
    :2.995715
7056 Epoch:440 batch_num:13 t_c_loss:1.5256703 t_sl_loss
    :-0.0
7057 epoch_num:440 accuracy_for_train:0.
    46360153256704983
7058 epoch_num:440 accuracy_for_test:0.3041825095057034
7059 Epoch:441 batch_num:0 t_c_loss:1.1957335 t_sl_loss:
    2.995715
7060 Epoch:441 batch_num:1 t_c_loss:1.1436622 t_sl_loss:
    2.995715
7061 Epoch:441 batch_num:2 t_c_loss:1.1597636 t_sl_loss:
    2.995715
7062 Epoch:441 batch_num:3 t_c_loss:1.1559097 t_sl_loss:
    2.995715
7063 Epoch:441 batch_num:4 t_c_loss:1.159674 t_sl_loss:2
    .995715
7064 Epoch:441 batch_num:5 t_c_loss:1.1017511 t_sl_loss:
    2.995715
7065 Epoch:441 batch_num:6 t_c_loss:0.9916461 t_sl_loss:
    2.995715
7066 Epoch:441 batch_num:7 t_c_loss:0.9587625 t_sl_loss:
    2.995715
7067 Epoch:441 batch_num:8 t_c_loss:1.1389015 t_sl_loss:
    2.995715
7068 Epoch:441 batch_num:9 t_c_loss:1.1516492 t_sl_loss:
    2.995715
7069 Epoch:441 batch_num:10 t_c_loss:0.9343359 t_sl_loss
    :2.995715
7070 Epoch:441 batch_num:11 t_c_loss:1.3208181 t_sl_loss
    :2.995715
7071 Epoch:441 batch_num:12 t_c_loss:1.1342536 t_sl_loss
    :2.995715
7072 Epoch:441 batch_num:13 t_c_loss:1.6551754 t_sl_loss
    :-0.0
7073 epoch_num:441 accuracy_for_train:0.
    49808429118773945
7074 epoch_num:441 accuracy_for_test:0.2965779467680608
7075 Epoch:442 batch_num:0 t_c_loss:1.1023037 t_sl_loss:
    2.995715
```

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7076 Epoch:442 batch_num:1 t_c_loss:1.1280317 t_sl_loss:
    2.995715
7077 Epoch:442 batch_num:2 t_c_loss:0.9748024 t_sl_loss:
    2.995715
7078 Epoch:442 batch_num:3 t_c_loss:1.0080984 t_sl_loss:
    2.995715
7079 Epoch:442 batch_num:4 t_c_loss:1.0344939 t_sl_loss:
    2.995715
7080 Epoch:442 batch_num:5 t_c_loss:1.0711626 t_sl_loss:
    2.995715
7081 Epoch:442 batch_num:6 t_c_loss:1.1608586 t_sl_loss:
    2.995715
7082 Epoch:442 batch_num:7 t_c_loss:1.0326471 t_sl_loss:
    2.995715
7083 Epoch:442 batch_num:8 t_c_loss:1.1225566 t_sl_loss:
    2.995715
7084 Epoch:442 batch_num:9 t_c_loss:1.1999582 t_sl_loss:
    2.995715
7085 Epoch:442 batch_num:10 t_c_loss:1.1424216 t_sl_loss
    :2.995715
7086 Epoch:442 batch_num:11 t_c_loss:1.4040563 t_sl_loss
    :2.995715
7087 Epoch:442 batch_num:12 t_c_loss:1.1842506 t_sl_loss
    :2.995715
7088 Epoch:442 batch_num:13 t_c_loss:1.1216049 t_sl_loss
    :-0.0
7089 epoch_num:442 accuracy_for_train:0.5019157088122606
7090 epoch_num:442 accuracy_for_test:0.30798479087452474
7091 Epoch:443 batch_num:0 t_c_loss:1.1256325 t_sl_loss:
    2.995715
7092 Epoch:443 batch_num:1 t_c_loss:1.1827599 t_sl_loss:
    2.995715
7093 Epoch:443 batch_num:2 t_c_loss:0.9332694 t_sl_loss:
    2.995715
7094 Epoch:443 batch_num:3 t_c_loss:1.2194976 t_sl_loss:
    2.995715
7095 Epoch:443 batch_num:4 t_c_loss:1.118871 t_sl_loss:2
    .995715
7096 Epoch:443 batch_num:5 t_c_loss:0.8408947 t_sl_loss:
    2.995715
7097 Epoch:443 batch_num:6 t_c_loss:1.0987362 t_sl_loss:
```



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7097 2.995715
7098 Epoch:443 batch_num:7 t_c_loss:0.9826399 t_sl_loss:
    2.995715
7099 Epoch:443 batch_num:8 t_c_loss:1.4253705 t_sl_loss:
    2.995715
7100 Epoch:443 batch_num:9 t_c_loss:1.1075053 t_sl_loss:
    2.995715
7101 Epoch:443 batch_num:10 t_c_loss:1.0520929 t_sl_loss
    :2.995715
7102 Epoch:443 batch_num:11 t_c_loss:1.1152352 t_sl_loss
    :2.995715
7103 Epoch:443 batch_num:12 t_c_loss:1.2843463 t_sl_loss
    :2.995714
7104 Epoch:443 batch_num:13 t_c_loss:1.4583797 t_sl_loss
    :-0.0
7105 epoch_num:443 accuracy_for_train:0.4827586206896552
7106 epoch_num:443 accuracy_for_test:0.30038022813688214
7107 Epoch:444 batch_num:0 t_c_loss:1.2324468 t_sl_loss:
    2.995715
7108 Epoch:444 batch_num:1 t_c_loss:0.9744622 t_sl_loss:
    2.995715
7109 Epoch:444 batch_num:2 t_c_loss:1.2302825 t_sl_loss:
    2.995715
7110 Epoch:444 batch_num:3 t_c_loss:1.1925954 t_sl_loss:
    2.995715
7111 Epoch:444 batch_num:4 t_c_loss:1.2616522 t_sl_loss:
    2.995715
7112 Epoch:444 batch_num:5 t_c_loss:1.1156538 t_sl_loss:
    2.995715
7113 Epoch:444 batch_num:6 t_c_loss:1.102968 t_sl_loss:2
    .995715
7114 Epoch:444 batch_num:7 t_c_loss:1.2330992 t_sl_loss:
    2.995715
7115 Epoch:444 batch_num:8 t_c_loss:1.0376117 t_sl_loss:
    2.995715
7116 Epoch:444 batch_num:9 t_c_loss:1.144821 t_sl_loss:2
    .995715
7117 Epoch:444 batch_num:10 t_c_loss:1.1669468 t_sl_loss
    :2.995715
7118 Epoch:444 batch_num:11 t_c_loss:1.1422268 t_sl_loss
    :2.995715
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7119 Epoch:444 batch_num:12 t_c_loss:1.271329 t_sl_loss:
    2.995715
7120 Epoch:444 batch_num:13 t_c_loss:1.5986669 t_sl_loss
    :-0.0
7121 epoch_num:444 accuracy_for_train:0.
    47509578544061304
7122 epoch_num:444 accuracy_for_test:0.3155893536121673
7123 Epoch:445 batch_num:0 t_c_loss:1.218333 t_sl_loss:2
    .995715
7124 Epoch:445 batch_num:1 t_c_loss:1.369391 t_sl_loss:2
    .995715
7125 Epoch:445 batch_num:2 t_c_loss:0.99963015 t_sl_loss
    :2.995715
7126 Epoch:445 batch_num:3 t_c_loss:0.9327568 t_sl_loss:
    2.995715
7127 Epoch:445 batch_num:4 t_c_loss:1.0758142 t_sl_loss:
    2.995715
7128 Epoch:445 batch_num:5 t_c_loss:1.2314365 t_sl_loss:
    2.995715
7129 Epoch:445 batch_num:6 t_c_loss:0.9453227 t_sl_loss:
    2.995715
7130 Epoch:445 batch_num:7 t_c_loss:0.9784201 t_sl_loss:
    2.995715
7131 Epoch:445 batch_num:8 t_c_loss:1.1898295 t_sl_loss:
    2.995715
7132 Epoch:445 batch_num:9 t_c_loss:1.1267653 t_sl_loss:
    2.995715
7133 Epoch:445 batch_num:10 t_c_loss:1.2129685 t_sl_loss
    :2.995715
7134 Epoch:445 batch_num:11 t_c_loss:1.199311 t_sl_loss:
    2.995715
7135 Epoch:445 batch_num:12 t_c_loss:1.1929889 t_sl_loss
    :2.995715
7136 Epoch:445 batch_num:13 t_c_loss:1.5726448 t_sl_loss
    :-0.0
7137 epoch_num:445 accuracy_for_train:0.4904214559386973
7138 epoch_num:445 accuracy_for_test:0.33460076045627374
7139 Epoch:446 batch_num:0 t_c_loss:0.89698946 t_sl_loss
    :2.995715
7140 Epoch:446 batch_num:1 t_c_loss:1.0827811 t_sl_loss:
    2.995715
```

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7141 Epoch:446 batch_num:2 t_c_loss:1.137752 t_sl_loss:2
    .995715
7142 Epoch:446 batch_num:3 t_c_loss:0.95615876 t_sl_loss
    :2.995715
7143 Epoch:446 batch_num:4 t_c_loss:1.1677463 t_sl_loss:
    2.995715
7144 Epoch:446 batch_num:5 t_c_loss:1.1362069 t_sl_loss:
    2.995715
7145 Epoch:446 batch_num:6 t_c_loss:0.9139336 t_sl_loss:
    2.995715
7146 Epoch:446 batch_num:7 t_c_loss:1.2158444 t_sl_loss:
    2.995715
7147 Epoch:446 batch_num:8 t_c_loss:1.0324951 t_sl_loss:
    2.995715
7148 Epoch:446 batch_num:9 t_c_loss:1.0336396 t_sl_loss:
    2.995715
7149 Epoch:446 batch_num:10 t_c_loss:1.2384288 t_sl_loss
    :2.995715
7150 Epoch:446 batch_num:11 t_c_loss:1.1819823 t_sl_loss
    :2.995715
7151 Epoch:446 batch_num:12 t_c_loss:1.1811699 t_sl_loss
    :2.995715
7152 Epoch:446 batch_num:13 t_c_loss:1.4362748 t_sl_loss
    :-0.0
7153 epoch_num:446 accuracy_for_train:0.4904214559386973
7154 epoch_num:446 accuracy_for_test:0.3155893536121673
7155 Epoch:447 batch_num:0 t_c_loss:1.1314704 t_sl_loss:
    2.995715
7156 Epoch:447 batch_num:1 t_c_loss:1.0380257 t_sl_loss:
    2.995715
7157 Epoch:447 batch_num:2 t_c_loss:1.0122979 t_sl_loss:
    2.9957156
7158 Epoch:447 batch_num:3 t_c_loss:1.0392894 t_sl_loss:
    2.995715
7159 Epoch:447 batch_num:4 t_c_loss:1.1632597 t_sl_loss:
    2.995715
7160 Epoch:447 batch_num:5 t_c_loss:1.1200017 t_sl_loss:
    2.995715
7161 Epoch:447 batch_num:6 t_c_loss:1.2773643 t_sl_loss:
    2.995715
7162 Epoch:447 batch_num:7 t_c_loss:0.95146483 t_sl_loss
```

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7162 :2.995715
7163 Epoch:447 batch_num:8 t_c_loss:1.1501635 t_sl_loss:
    2.995715
7164 Epoch:447 batch_num:9 t_c_loss:1.0682778 t_sl_loss:
    2.995715
7165 Epoch:447 batch_num:10 t_c_loss:1.0167446 t_sl_loss
    :2.995715
7166 Epoch:447 batch_num:11 t_c_loss:1.1898556 t_sl_loss
    :2.995715
7167 Epoch:447 batch_num:12 t_c_loss:1.0748693 t_sl_loss
    :2.995715
7168 Epoch:447 batch_num:13 t_c_loss:1.2068995 t_sl_loss
    :-0.0
7169 epoch_num:447 accuracy_for_train:0.4942528735632184
7170 epoch_num:447 accuracy_for_test:0.311787072243346
7171 Epoch:448 batch_num:0 t_c_loss:1.0444024 t_sl_loss:
    2.995715
7172 Epoch:448 batch_num:1 t_c_loss:1.1224267 t_sl_loss:
    2.995715
7173 Epoch:448 batch_num:2 t_c_loss:1.1415741 t_sl_loss:
    2.995715
7174 Epoch:448 batch_num:3 t_c_loss:0.9668023 t_sl_loss:
    2.995715
7175 Epoch:448 batch_num:4 t_c_loss:1.1944536 t_sl_loss:
    2.995715
7176 Epoch:448 batch_num:5 t_c_loss:1.2953765 t_sl_loss:
    2.995715
7177 Epoch:448 batch_num:6 t_c_loss:1.2121117 t_sl_loss:
    2.9957151
7178 Epoch:448 batch_num:7 t_c_loss:1.0833961 t_sl_loss:
    2.995715
7179 Epoch:448 batch_num:8 t_c_loss:1.1250274 t_sl_loss:
    2.995715
7180 Epoch:448 batch_num:9 t_c_loss:1.0534723 t_sl_loss:
    2.9957154
7181 Epoch:448 batch_num:10 t_c_loss:0.8011192 t_sl_loss
    :2.995715
7182 Epoch:448 batch_num:11 t_c_loss:1.1115237 t_sl_loss
    :2.995715
7183 Epoch:448 batch_num:12 t_c_loss:1.1778055 t_sl_loss
    :2.995715
```

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7184 Epoch:448 batch_num:13 t_c_loss:1.4818292 t_sl_loss
    :-0.0
7185 epoch_num:448 accuracy_for_train:0.4904214559386973
7186 epoch_num:448 accuracy_for_test:0.3155893536121673
7187 Epoch:449 batch_num:0 t_c_loss:1.1359948 t_sl_loss:
    2.995715
7188 Epoch:449 batch_num:1 t_c_loss:1.1644776 t_sl_loss:
    2.995715
7189 Epoch:449 batch_num:2 t_c_loss:0.9878341 t_sl_loss:
    2.995715
7190 Epoch:449 batch_num:3 t_c_loss:1.2444711 t_sl_loss:
    2.995715
7191 Epoch:449 batch_num:4 t_c_loss:1.1939852 t_sl_loss:
    2.995715
7192 Epoch:449 batch_num:5 t_c_loss:0.8938716 t_sl_loss:
    2.995715
7193 Epoch:449 batch_num:6 t_c_loss:1.1566054 t_sl_loss:
    2.995715
7194 Epoch:449 batch_num:7 t_c_loss:1.0955068 t_sl_loss:
    2.995715
7195 Epoch:449 batch_num:8 t_c_loss:0.9911787 t_sl_loss:
    2.995715
7196 Epoch:449 batch_num:9 t_c_loss:1.1971099 t_sl_loss:
    2.995715
7197 Epoch:449 batch_num:10 t_c_loss:1.0035112 t_sl_loss
    :2.9957151
7198 Epoch:449 batch_num:11 t_c_loss:1.0784403 t_sl_loss
    :2.995715
7199 Epoch:449 batch_num:12 t_c_loss:1.1374503 t_sl_loss
    :2.995715
7200 Epoch:449 batch_num:13 t_c_loss:1.5867317 t_sl_loss
    :-0.0
7201 epoch_num:449 accuracy_for_train:0.4942528735632184
7202 epoch_num:449 accuracy_for_test:0.3269961977186312
7203 Epoch:450 batch_num:0 t_c_loss:1.1103007 t_sl_loss:
    2.995715
7204 Epoch:450 batch_num:1 t_c_loss:1.0491055 t_sl_loss:
    2.995715
7205 Epoch:450 batch_num:2 t_c_loss:1.006841 t_sl_loss:2
    .995715
7206 Epoch:450 batch_num:3 t_c_loss:1.0737581 t_sl_loss:
```

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7206 2.995715
7207 Epoch:450 batch_num:4 t_c_loss:1.1686796 t_sl_loss:
    2.995715
7208 Epoch:450 batch_num:5 t_c_loss:1.2338524 t_sl_loss:
    2.995715
7209 Epoch:450 batch_num:6 t_c_loss:1.2260864 t_sl_loss:
    2.995715
7210 Epoch:450 batch_num:7 t_c_loss:1.1220592 t_sl_loss:
    2.995715
7211 Epoch:450 batch_num:8 t_c_loss:1.0554518 t_sl_loss:
    2.995715
7212 Epoch:450 batch_num:9 t_c_loss:1.089318 t_sl_loss:2
    .995715
7213 Epoch:450 batch_num:10 t_c_loss:1.1067472 t_sl_loss
    :2.995715
7214 Epoch:450 batch_num:11 t_c_loss:1.3717409 t_sl_loss
    :2.995715
7215 Epoch:450 batch_num:12 t_c_loss:0.95801437
    t_sl_loss:2.995715
7216 Epoch:450 batch_num:13 t_c_loss:1.1357548 t_sl_loss
    :-0.0
7217 epoch_num:450 accuracy_for_train:0.
    49808429118773945
7218 epoch_num:450 accuracy_for_test:0.3193916349809886
7219 Epoch:451 batch_num:0 t_c_loss:1.2289236 t_sl_loss:
    2.995715
7220 Epoch:451 batch_num:1 t_c_loss:1.2106048 t_sl_loss:
    2.9961352
7221 Epoch:451 batch_num:2 t_c_loss:1.0797098 t_sl_loss:
    2.995715
7222 Epoch:451 batch_num:3 t_c_loss:1.2201145 t_sl_loss:
    2.995715
7223 Epoch:451 batch_num:4 t_c_loss:1.1333578 t_sl_loss:
    2.995715
7224 Epoch:451 batch_num:5 t_c_loss:0.9850842 t_sl_loss:
    2.995715
7225 Epoch:451 batch_num:6 t_c_loss:1.251201 t_sl_loss:2
    .995715
7226 Epoch:451 batch_num:7 t_c_loss:1.0904024 t_sl_loss:
    2.995715
7227 Epoch:451 batch_num:8 t_c_loss:1.2828143 t_sl_loss:
```

```
7227 2.9957147
7228 Epoch:451 batch_num:9 t_c_loss:0.9647099 t_sl_loss:
    2.995715
7229 Epoch:451 batch_num:10 t_c_loss:0.99027807
    t_sl_loss:2.995715
7230 Epoch:451 batch_num:11 t_c_loss:0.99179935
    t_sl_loss:2.995715
7231 Epoch:451 batch_num:12 t_c_loss:1.0604233 t_sl_loss
    :2.995715
7232 Epoch:451 batch_num:13 t_c_loss:1.1892875 t_sl_loss
    :-0.0
7233 epoch_num:451 accuracy_for_train:0.5057471264367817
7234 epoch_num:451 accuracy_for_test:0.30038022813688214
7235 Epoch:452 batch_num:0 t_c_loss:1.1208007 t_sl_loss:
    2.995715
7236 Epoch:452 batch_num:1 t_c_loss:1.127886 t_sl_loss:2
    .995715
7237 Epoch:452 batch_num:2 t_c_loss:1.2517254 t_sl_loss:
    2.995715
7238 Epoch:452 batch_num:3 t_c_loss:1.0485642 t_sl_loss:
    2.995715
7239 Epoch:452 batch_num:4 t_c_loss:1.0306702 t_sl_loss:
    2.995715
7240 Epoch:452 batch_num:5 t_c_loss:1.2936996 t_sl_loss:
    2.995715
7241 Epoch:452 batch_num:6 t_c_loss:1.1430417 t_sl_loss:
    2.995715
7242 Epoch:452 batch_num:7 t_c_loss:0.99386203 t_sl_loss
    :2.995715
7243 Epoch:452 batch_num:8 t_c_loss:1.0086672 t_sl_loss:
    2.995715
7244 Epoch:452 batch_num:9 t_c_loss:1.1527584 t_sl_loss:
    2.995715
7245 Epoch:452 batch_num:10 t_c_loss:1.29364 t_sl_loss:2
    .995715
7246 Epoch:452 batch_num:11 t_c_loss:1.1046191 t_sl_loss
    :2.995715
7247 Epoch:452 batch_num:12 t_c_loss:0.94452155
    t_sl_loss:2.995715
7248 Epoch:452 batch_num:13 t_c_loss:0.2804624 t_sl_loss
    :-0.0
```

```
7249 epoch_num:452 accuracy_for_train:0.5019157088122606
7250 epoch_num:452 accuracy_for_test:0.3193916349809886
7251 Epoch:453 batch_num:0 t_c_loss:1.0980413 t_sl_loss:
    2.995715
7252 Epoch:453 batch_num:1 t_c_loss:1.0879366 t_sl_loss:
    2.995715
7253 Epoch:453 batch_num:2 t_c_loss:1.0095575 t_sl_loss:
    2.995715
7254 Epoch:453 batch_num:3 t_c_loss:1.552873 t_sl_loss:2
    .995715
7255 Epoch:453 batch_num:4 t_c_loss:0.96240157 t_sl_loss
    :2.995715
7256 Epoch:453 batch_num:5 t_c_loss:1.0161574 t_sl_loss:
    2.995715
7257 Epoch:453 batch_num:6 t_c_loss:1.2596571 t_sl_loss:
    2.995715
7258 Epoch:453 batch_num:7 t_c_loss:1.0052115 t_sl_loss:
    2.995715
7259 Epoch:453 batch_num:8 t_c_loss:1.0237943 t_sl_loss:
    2.995715
7260 Epoch:453 batch_num:9 t_c_loss:1.1957171 t_sl_loss:
    2.995715
7261 Epoch:453 batch_num:10 t_c_loss:1.2549498 t_sl_loss
    :2.995715
7262 Epoch:453 batch_num:11 t_c_loss:1.1845826 t_sl_loss
    :2.995715
7263 Epoch:453 batch_num:12 t_c_loss:1.1573327 t_sl_loss
    :2.995715
7264 Epoch:453 batch_num:13 t_c_loss:1.1328933 t_sl_loss
    :-0.0
7265 epoch_num:453 accuracy_for_train:0.4904214559386973
7266 epoch_num:453 accuracy_for_test:0.3231939163498099
7267 Epoch:454 batch_num:0 t_c_loss:1.2120576 t_sl_loss:
    2.995715
7268 Epoch:454 batch_num:1 t_c_loss:1.2411946 t_sl_loss:
    2.995715
7269 Epoch:454 batch_num:2 t_c_loss:1.1011302 t_sl_loss:
    2.995715
7270 Epoch:454 batch_num:3 t_c_loss:0.99451697 t_sl_loss
    :2.995715
7271 Epoch:454 batch_num:4 t_c_loss:1.153346 t_sl_loss:2
```



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7271 .995715
7272 Epoch:454 batch_num:5 t_c_loss:1.0768484 t_sl_loss:
    2.995715
7273 Epoch:454 batch_num:6 t_c_loss:1.2478229 t_sl_loss:
    2.995715
7274 Epoch:454 batch_num:7 t_c_loss:1.0083922 t_sl_loss:
    2.995715
7275 Epoch:454 batch_num:8 t_c_loss:1.0545902 t_sl_loss:
    2.995715
7276 Epoch:454 batch_num:9 t_c_loss:1.084551 t_sl_loss:2
    .995715
7277 Epoch:454 batch_num:10 t_c_loss:1.1514575 t_sl_loss
    :2.995715
7278 Epoch:454 batch_num:11 t_c_loss:1.1320387 t_sl_loss
    :2.995715
7279 Epoch:454 batch_num:12 t_c_loss:1.033525 t_sl_loss:
    2.995715
7280 Epoch:454 batch_num:13 t_c_loss:1.5266922 t_sl_loss
    :-0.0
7281 epoch_num:454 accuracy_for_train:0.4942528735632184
7282 epoch_num:454 accuracy_for_test:0.3231939163498099
7283 Epoch:455 batch_num:0 t_c_loss:1.3162742 t_sl_loss:
    2.995715
7284 Epoch:455 batch_num:1 t_c_loss:1.1302059 t_sl_loss:
    2.995715
7285 Epoch:455 batch_num:2 t_c_loss:1.05432 t_sl_loss:2.
    995715
7286 Epoch:455 batch_num:3 t_c_loss:1.1157224 t_sl_loss:
    2.995715
7287 Epoch:455 batch_num:4 t_c_loss:1.2612445 t_sl_loss:
    2.995715
7288 Epoch:455 batch_num:5 t_c_loss:0.90353787 t_sl_loss
    :2.995715
7289 Epoch:455 batch_num:6 t_c_loss:1.0068079 t_sl_loss:
    2.995715
7290 Epoch:455 batch_num:7 t_c_loss:1.1449771 t_sl_loss:
    2.995715
7291 Epoch:455 batch_num:8 t_c_loss:0.961131 t_sl_loss:2
    .995715
7292 Epoch:455 batch_num:9 t_c_loss:1.0459006 t_sl_loss:
    2.995715
```

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7293 Epoch:455 batch_num:10 t_c_loss:1.094137 t_sl_loss:
    2.995715
7294 Epoch:455 batch_num:11 t_c_loss:1.1988518 t_sl_loss
    :2.995715
7295 Epoch:455 batch_num:12 t_c_loss:1.0609506 t_sl_loss
    :2.995715
7296 Epoch:455 batch_num:13 t_c_loss:1.4620125 t_sl_loss
    :-0.0
7297 epoch_num:455 accuracy_for_train:0.
    42911877394636017
7298 epoch_num:455 accuracy_for_test:0.3269961977186312
7299 Epoch:456 batch_num:0 t_c_loss:1.0749357 t_sl_loss:
    2.995715
7300 Epoch:456 batch_num:1 t_c_loss:1.0169462 t_sl_loss:
    2.995715
7301 Epoch:456 batch_num:2 t_c_loss:1.1626265 t_sl_loss:
    2.995715
7302 Epoch:456 batch_num:3 t_c_loss:0.9866182 t_sl_loss:
    2.995715
7303 Epoch:456 batch_num:4 t_c_loss:1.0477898 t_sl_loss:
    2.995715
7304 Epoch:456 batch_num:5 t_c_loss:0.94525784 t_sl_loss
    :2.995715
7305 Epoch:456 batch_num:6 t_c_loss:1.2570413 t_sl_loss:
    2.995715
7306 Epoch:456 batch_num:7 t_c_loss:1.138081 t_sl_loss:2
    .995715
7307 Epoch:456 batch_num:8 t_c_loss:1.2309124 t_sl_loss:
    2.995715
7308 Epoch:456 batch_num:9 t_c_loss:1.0389974 t_sl_loss:
    2.995715
7309 Epoch:456 batch_num:10 t_c_loss:1.2849596 t_sl_loss
    :2.995715
7310 Epoch:456 batch_num:11 t_c_loss:1.2087544 t_sl_loss
    :2.995715
7311 Epoch:456 batch_num:12 t_c_loss:1.0556997 t_sl_loss
    :2.995715
7312 Epoch:456 batch_num:13 t_c_loss:1.4153556 t_sl_loss
    :-0.0
7313 epoch_num:456 accuracy_for_train:0.4329501915708812
7314 epoch_num:456 accuracy_for_test:0.3193916349809886
```

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7315 Epoch:457 batch_num:0 t_c_loss:1.3863968 t_sl_loss:
    2.9957151
7316 Epoch:457 batch_num:1 t_c_loss:1.0621026 t_sl_loss:
    2.995715
7317 Epoch:457 batch_num:2 t_c_loss:1.0898725 t_sl_loss:
    2.995715
7318 Epoch:457 batch_num:3 t_c_loss:1.4444793 t_sl_loss:
    2.995715
7319 Epoch:457 batch_num:4 t_c_loss:1.0590936 t_sl_loss:
    2.995715
7320 Epoch:457 batch_num:5 t_c_loss:0.9187776 t_sl_loss:
    2.995715
7321 Epoch:457 batch_num:6 t_c_loss:1.1570916 t_sl_loss:
    2.995715
7322 Epoch:457 batch_num:7 t_c_loss:0.9359663 t_sl_loss:
    2.995715
7323 Epoch:457 batch_num:8 t_c_loss:1.2026578 t_sl_loss:
    2.995715
7324 Epoch:457 batch_num:9 t_c_loss:1.0742384 t_sl_loss:
    2.995715
7325 Epoch:457 batch_num:10 t_c_loss:1.0867751 t_sl_loss
    :2.995715
7326 Epoch:457 batch_num:11 t_c_loss:1.1813543 t_sl_loss
    :2.995715
7327 Epoch:457 batch_num:12 t_c_loss:1.098459 t_sl_loss:
    2.995715
7328 Epoch:457 batch_num:13 t_c_loss:1.5679067 t_sl_loss
    :-0.0
7329 epoch_num:457 accuracy_for_train:0.
    49808429118773945
7330 epoch_num:457 accuracy_for_test:0.2889733840304182
7331 Epoch:458 batch_num:0 t_c_loss:1.0581695 t_sl_loss:
    2.995715
7332 Epoch:458 batch_num:1 t_c_loss:0.9684723 t_sl_loss:
    2.995715
7333 Epoch:458 batch_num:2 t_c_loss:1.030079 t_sl_loss:2
    .995715
7334 Epoch:458 batch_num:3 t_c_loss:1.1648786 t_sl_loss:
    2.995715
7335 Epoch:458 batch_num:4 t_c_loss:1.0885563 t_sl_loss:
    2.995715

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7336 Epoch:458 batch_num:5 t_c_loss:1.2081172 t_sl_loss:
      2.995715
7337 Epoch:458 batch_num:6 t_c_loss:0.96224785 t_sl_loss
      :2.995715
7338 Epoch:458 batch_num:7 t_c_loss:1.0223093 t_sl_loss:
      2.995715
7339 Epoch:458 batch_num:8 t_c_loss:1.1133797 t_sl_loss:
      2.995715
7340 Epoch:458 batch_num:9 t_c_loss:1.2379451 t_sl_loss:
      2.9957151
7341 Epoch:458 batch_num:10 t_c_loss:1.1582398 t_sl_loss
      :2.995715
7342 Epoch:458 batch_num:11 t_c_loss:1.3233325 t_sl_loss
      :2.995715
7343 Epoch:458 batch_num:12 t_c_loss:1.2227868 t_sl_loss
      :2.995715
7344 Epoch:458 batch_num:13 t_c_loss:0.117392585
      t_sl_loss:-0.0
7345 epoch_num:458 accuracy_for_train:0.
      47126436781609193
7346 epoch_num:458 accuracy_for_test:0.3041825095057034
7347 Epoch:459 batch_num:0 t_c_loss:1.206571 t_sl_loss:2
      .995715
7348 Epoch:459 batch_num:1 t_c_loss:1.0583851 t_sl_loss:
      2.995715
7349 Epoch:459 batch_num:2 t_c_loss:1.1303293 t_sl_loss:
      2.995715
7350 Epoch:459 batch_num:3 t_c_loss:1.0192997 t_sl_loss:
      2.995715
7351 Epoch:459 batch_num:4 t_c_loss:0.9649393 t_sl_loss:
      2.995715
7352 Epoch:459 batch_num:5 t_c_loss:1.1078508 t_sl_loss:
      2.995715
7353 Epoch:459 batch_num:6 t_c_loss:1.2459834 t_sl_loss:
      2.995715
7354 Epoch:459 batch_num:7 t_c_loss:1.2921445 t_sl_loss:
      2.995715
7355 Epoch:459 batch_num:8 t_c_loss:1.1951748 t_sl_loss:
      2.995715
7356 Epoch:459 batch_num:9 t_c_loss:1.3016069 t_sl_loss:
      2.995715

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7357 Epoch:459 batch_num:10 t_c_loss:1.0453496 t_sl_loss
:2.995715
7358 Epoch:459 batch_num:11 t_c_loss:0.9272537 t_sl_loss
:2.995715
7359 Epoch:459 batch_num:12 t_c_loss:1.1490071 t_sl_loss
:2.995715
7360 Epoch:459 batch_num:13 t_c_loss:1.0778008 t_sl_loss
:-0.0
7361 epoch_num:459 accuracy_for_train:0.
48659003831417624
7362 epoch_num:459 accuracy_for_test:0.3193916349809886
7363 Epoch:460 batch_num:0 t_c_loss:1.1204118 t_sl_loss:
2.995715
7364 Epoch:460 batch_num:1 t_c_loss:1.3107444 t_sl_loss:
2.995715
7365 Epoch:460 batch_num:2 t_c_loss:1.0358939 t_sl_loss:
2.995715
7366 Epoch:460 batch_num:3 t_c_loss:1.0782702 t_sl_loss:
2.995715
7367 Epoch:460 batch_num:4 t_c_loss:1.0291038 t_sl_loss:
2.995715
7368 Epoch:460 batch_num:5 t_c_loss:1.1291853 t_sl_loss:
2.995715
7369 Epoch:460 batch_num:6 t_c_loss:1.2185082 t_sl_loss:
2.995715
7370 Epoch:460 batch_num:7 t_c_loss:1.3798001 t_sl_loss:
2.995715
7371 Epoch:460 batch_num:8 t_c_loss:0.95406646 t_sl_loss
:2.995715
7372 Epoch:460 batch_num:9 t_c_loss:1.0358164 t_sl_loss:
2.995715
7373 Epoch:460 batch_num:10 t_c_loss:1.118537 t_sl_loss:
2.995715
7374 Epoch:460 batch_num:11 t_c_loss:1.1846975 t_sl_loss
:2.995715
7375 Epoch:460 batch_num:12 t_c_loss:1.0664655 t_sl_loss
:2.995715
7376 Epoch:460 batch_num:13 t_c_loss:1.4007573 t_sl_loss
:-0.0
7377 epoch_num:460 accuracy_for_train:0.4444444444444444
7378 epoch_num:460 accuracy_for_test:0.3231939163498099
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7379 Epoch:461 batch_num:0 t_c_loss:1.1955985 t_sl_loss:
    2.995715
7380 Epoch:461 batch_num:1 t_c_loss:0.9596022 t_sl_loss:
    2.995715
7381 Epoch:461 batch_num:2 t_c_loss:1.0359355 t_sl_loss:
    2.995715
7382 Epoch:461 batch_num:3 t_c_loss:0.9648517 t_sl_loss:
    2.995715
7383 Epoch:461 batch_num:4 t_c_loss:0.94336474 t_sl_loss
    :2.995715
7384 Epoch:461 batch_num:5 t_c_loss:1.3367227 t_sl_loss:
    2.995715
7385 Epoch:461 batch_num:6 t_c_loss:1.0433562 t_sl_loss:
    2.995715
7386 Epoch:461 batch_num:7 t_c_loss:1.4401705 t_sl_loss:
    2.995715
7387 Epoch:461 batch_num:8 t_c_loss:1.175231 t_sl_loss:2
    .995715
7388 Epoch:461 batch_num:9 t_c_loss:1.2845024 t_sl_loss:
    2.995715
7389 Epoch:461 batch_num:10 t_c_loss:1.0242248 t_sl_loss
    :2.995715
7390 Epoch:461 batch_num:11 t_c_loss:1.048485 t_sl_loss:
    2.995715
7391 Epoch:461 batch_num:12 t_c_loss:1.1406053 t_sl_loss
    :2.995715
7392 Epoch:461 batch_num:13 t_c_loss:1.3704671 t_sl_loss
    :-0.0
7393 epoch_num:461 accuracy_for_train:0.4482758620689655
7394 epoch_num:461 accuracy_for_test:0.3041825095057034
7395 Epoch:462 batch_num:0 t_c_loss:1.1797273 t_sl_loss:
    2.995715
7396 Epoch:462 batch_num:1 t_c_loss:1.2002246 t_sl_loss:
    2.995715
7397 Epoch:462 batch_num:2 t_c_loss:1.1384499 t_sl_loss:
    2.995715
7398 Epoch:462 batch_num:3 t_c_loss:1.0994 t_sl_loss:2.
    995715
7399 Epoch:462 batch_num:4 t_c_loss:1.0979469 t_sl_loss:
    2.995715
7400 Epoch:462 batch_num:5 t_c_loss:1.013901 t_sl_loss:2

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7400 .9957147
7401 Epoch:462 batch_num:6 t_c_loss:1.0120836 t_sl_loss:
    2.995715
7402 Epoch:462 batch_num:7 t_c_loss:1.1981294 t_sl_loss:
    2.995715
7403 Epoch:462 batch_num:8 t_c_loss:1.257431 t_sl_loss:2
    .995715
7404 Epoch:462 batch_num:9 t_c_loss:1.0296385 t_sl_loss:
    2.995715
7405 Epoch:462 batch_num:10 t_c_loss:1.0024976 t_sl_loss
    :2.995715
7406 Epoch:462 batch_num:11 t_c_loss:1.1642942 t_sl_loss
    :2.995715
7407 Epoch:462 batch_num:12 t_c_loss:1.0824085 t_sl_loss
    :2.995715
7408 Epoch:462 batch_num:13 t_c_loss:1.3751695 t_sl_loss
    :-0.0
7409 epoch_num:462 accuracy_for_train:0.5019157088122606
7410 epoch_num:462 accuracy_for_test:0.311787072243346
7411 Epoch:463 batch_num:0 t_c_loss:1.0935967 t_sl_loss:
    2.995715
7412 Epoch:463 batch_num:1 t_c_loss:1.2082273 t_sl_loss:
    2.995715
7413 Epoch:463 batch_num:2 t_c_loss:1.0952514 t_sl_loss:
    2.995715
7414 Epoch:463 batch_num:3 t_c_loss:1.1150507 t_sl_loss:
    2.995715
7415 Epoch:463 batch_num:4 t_c_loss:0.993645 t_sl_loss:2
    .995715
7416 Epoch:463 batch_num:5 t_c_loss:1.3474872 t_sl_loss:
    2.995715
7417 Epoch:463 batch_num:6 t_c_loss:1.0425822 t_sl_loss:
    2.995715
7418 Epoch:463 batch_num:7 t_c_loss:1.2893339 t_sl_loss:
    2.995715
7419 Epoch:463 batch_num:8 t_c_loss:1.0832307 t_sl_loss:
    2.995715
7420 Epoch:463 batch_num:9 t_c_loss:1.1194401 t_sl_loss:
    2.995715
7421 Epoch:463 batch_num:10 t_c_loss:1.1140673 t_sl_loss
    :2.995715
```

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7422 Epoch:463 batch_num:11 t_c_loss:1.2246099 t_sl_loss
    :2.995715
7423 Epoch:463 batch_num:12 t_c_loss:0.9300028 t_sl_loss
    :2.995715
7424 Epoch:463 batch_num:13 t_c_loss:1.1282463 t_sl_loss
    :-0.0
7425 epoch_num:463 accuracy_for_train:0.
    49808429118773945
7426 epoch_num:463 accuracy_for_test:0.311787072243346
7427 Epoch:464 batch_num:0 t_c_loss:1.1706761 t_sl_loss:
    2.995715
7428 Epoch:464 batch_num:1 t_c_loss:1.0687536 t_sl_loss:
    2.995715
7429 Epoch:464 batch_num:2 t_c_loss:1.061063 t_sl_loss:2
    .995715
7430 Epoch:464 batch_num:3 t_c_loss:1.063308 t_sl_loss:2
    .995715
7431 Epoch:464 batch_num:4 t_c_loss:1.0534153 t_sl_loss:
    2.995715
7432 Epoch:464 batch_num:5 t_c_loss:1.115891 t_sl_loss:2
    .995715
7433 Epoch:464 batch_num:6 t_c_loss:1.1355575 t_sl_loss:
    2.995715
7434 Epoch:464 batch_num:7 t_c_loss:1.1612908 t_sl_loss:
    2.9957151
7435 Epoch:464 batch_num:8 t_c_loss:1.1074204 t_sl_loss:
    2.995715
7436 Epoch:464 batch_num:9 t_c_loss:0.9338425 t_sl_loss:
    2.995715
7437 Epoch:464 batch_num:10 t_c_loss:1.2490269 t_sl_loss
    :2.995715
7438 Epoch:464 batch_num:11 t_c_loss:1.3259602 t_sl_loss
    :2.995715
7439 Epoch:464 batch_num:12 t_c_loss:1.0155338 t_sl_loss
    :2.995715
7440 Epoch:464 batch_num:13 t_c_loss:1.2161919 t_sl_loss
    :-0.0
7441 epoch_num:464 accuracy_for_train:0.5095785440613027
7442 epoch_num:464 accuracy_for_test:0.3193916349809886
7443 Epoch:465 batch_num:0 t_c_loss:1.2344893 t_sl_loss:
    2.995715
```



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7444 Epoch:465 batch_num:1 t_c_loss:0.99848527 t_sl_loss
      :2.995715
7445 Epoch:465 batch_num:2 t_c_loss:1.1008584 t_sl_loss:
      2.995715
7446 Epoch:465 batch_num:3 t_c_loss:1.1246507 t_sl_loss:
      2.995715
7447 Epoch:465 batch_num:4 t_c_loss:1.3171384 t_sl_loss:
      2.995715
7448 Epoch:465 batch_num:5 t_c_loss:1.1385808 t_sl_loss:
      2.995715
7449 Epoch:465 batch_num:6 t_c_loss:0.98140925 t_sl_loss
      :2.995715
7450 Epoch:465 batch_num:7 t_c_loss:1.0818565 t_sl_loss:
      2.995715
7451 Epoch:465 batch_num:8 t_c_loss:1.0203092 t_sl_loss:
      2.995715
7452 Epoch:465 batch_num:9 t_c_loss:0.95879126 t_sl_loss
      :2.995715
7453 Epoch:465 batch_num:10 t_c_loss:1.1945513 t_sl_loss
      :2.995715
7454 Epoch:465 batch_num:11 t_c_loss:1.198303 t_sl_loss:
      2.995715
7455 Epoch:465 batch_num:12 t_c_loss:1.0483769 t_sl_loss
      :2.995715
7456 Epoch:465 batch_num:13 t_c_loss:1.2303146 t_sl_loss
      :-0.0
7457 epoch_num:465 accuracy_for_train:0.5019157088122606
7458 epoch_num:465 accuracy_for_test:0.30038022813688214
7459 Epoch:466 batch_num:0 t_c_loss:1.0584743 t_sl_loss:
      2.995715
7460 Epoch:466 batch_num:1 t_c_loss:1.2389741 t_sl_loss:
      2.995715
7461 Epoch:466 batch_num:2 t_c_loss:1.0564001 t_sl_loss:
      2.995715
7462 Epoch:466 batch_num:3 t_c_loss:0.96164215 t_sl_loss
      :2.995715
7463 Epoch:466 batch_num:4 t_c_loss:0.87595797 t_sl_loss
      :2.995715
7464 Epoch:466 batch_num:5 t_c_loss:0.9844273 t_sl_loss:
      2.995715
7465 Epoch:466 batch_num:6 t_c_loss:1.3228796 t_sl_loss:
```

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7465 2.995715
7466 Epoch:466 batch_num:7 t_c_loss:1.1756281 t_sl_loss:
      2.995715
7467 Epoch:466 batch_num:8 t_c_loss:1.2071717 t_sl_loss:
      2.9957147
7468 Epoch:466 batch_num:9 t_c_loss:1.0683429 t_sl_loss:
      2.995715
7469 Epoch:466 batch_num:10 t_c_loss:1.1890728 t_sl_loss
      :2.995715
7470 Epoch:466 batch_num:11 t_c_loss:1.2706697 t_sl_loss
      :2.995715
7471 Epoch:466 batch_num:12 t_c_loss:1.2092061 t_sl_loss
      :2.995715
7472 Epoch:466 batch_num:13 t_c_loss:1.1700381 t_sl_loss
      :-0.0
7473 epoch_num:466 accuracy_for_train:0.
      49808429118773945
7474 epoch_num:466 accuracy_for_test:0.30798479087452474
7475 Epoch:467 batch_num:0 t_c_loss:1.3398905 t_sl_loss:
      2.995715
7476 Epoch:467 batch_num:1 t_c_loss:1.0663847 t_sl_loss:
      2.995715
7477 Epoch:467 batch_num:2 t_c_loss:1.0475323 t_sl_loss:
      2.995715
7478 Epoch:467 batch_num:3 t_c_loss:0.90193444 t_sl_loss
      :2.995715
7479 Epoch:467 batch_num:4 t_c_loss:1.3133059 t_sl_loss:
      2.995715
7480 Epoch:467 batch_num:5 t_c_loss:1.0211589 t_sl_loss:
      2.995715
7481 Epoch:467 batch_num:6 t_c_loss:1.2042463 t_sl_loss:
      2.995715
7482 Epoch:467 batch_num:7 t_c_loss:1.1881273 t_sl_loss:
      2.995715
7483 Epoch:467 batch_num:8 t_c_loss:1.239145 t_sl_loss:2
      .995715
7484 Epoch:467 batch_num:9 t_c_loss:1.1904548 t_sl_loss:
      2.995715
7485 Epoch:467 batch_num:10 t_c_loss:1.0481237 t_sl_loss
      :2.995715
7486 Epoch:467 batch_num:11 t_c_loss:1.1306882 t_sl_loss
```

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7486 :2.995715
7487 Epoch:467 batch_num:12 t_c_loss:1.2302765 t_sl_loss
      :2.995715
7488 Epoch:467 batch_num:13 t_c_loss:1.4702688 t_sl_loss
      :-0.0
7489 epoch_num:467 accuracy_for_train:0.4942528735632184
7490 epoch_num:467 accuracy_for_test:0.2965779467680608
7491 Epoch:468 batch_num:0 t_c_loss:1.1498368 t_sl_loss:
      2.995715
7492 Epoch:468 batch_num:1 t_c_loss:1.2533818 t_sl_loss:
      2.995715
7493 Epoch:468 batch_num:2 t_c_loss:1.0812614 t_sl_loss:
      2.995715
7494 Epoch:468 batch_num:3 t_c_loss:1.1948582 t_sl_loss:
      2.995715
7495 Epoch:468 batch_num:4 t_c_loss:1.1780068 t_sl_loss:
      2.995715
7496 Epoch:468 batch_num:5 t_c_loss:1.0900918 t_sl_loss:
      2.995715
7497 Epoch:468 batch_num:6 t_c_loss:1.1773924 t_sl_loss:
      2.995715
7498 Epoch:468 batch_num:7 t_c_loss:1.194845 t_sl_loss:2
      .995715
7499 Epoch:468 batch_num:8 t_c_loss:0.9418745 t_sl_loss:
      2.995715
7500 Epoch:468 batch_num:9 t_c_loss:1.0994079 t_sl_loss:
      2.995715
7501 Epoch:468 batch_num:10 t_c_loss:1.0638975 t_sl_loss
      :2.995715
7502 Epoch:468 batch_num:11 t_c_loss:0.9932724 t_sl_loss
      :2.995715
7503 Epoch:468 batch_num:12 t_c_loss:1.1449729 t_sl_loss
      :2.995715
7504 Epoch:468 batch_num:13 t_c_loss:1.3507055 t_sl_loss
      :-0.0
7505 epoch_num:468 accuracy_for_train:0.5019157088122606
7506 epoch_num:468 accuracy_for_test:0.3041825095057034
7507 Epoch:469 batch_num:0 t_c_loss:1.0896012 t_sl_loss:
      2.995715
7508 Epoch:469 batch_num:1 t_c_loss:1.0678158 t_sl_loss:
      2.995715
```

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7509 Epoch:469 batch_num:2 t_c_loss:1.3112357 t_sl_loss:
    2.995715
7510 Epoch:469 batch_num:3 t_c_loss:1.131816 t_sl_loss:2
    .995715
7511 Epoch:469 batch_num:4 t_c_loss:0.8646514 t_sl_loss:
    2.995715
7512 Epoch:469 batch_num:5 t_c_loss:1.2539487 t_sl_loss:
    2.995715
7513 Epoch:469 batch_num:6 t_c_loss:1.1494774 t_sl_loss:
    2.995715
7514 Epoch:469 batch_num:7 t_c_loss:1.0710158 t_sl_loss:
    2.995715
7515 Epoch:469 batch_num:8 t_c_loss:1.0903119 t_sl_loss:
    2.995715
7516 Epoch:469 batch_num:9 t_c_loss:1.1941167 t_sl_loss:
    2.995715
7517 Epoch:469 batch_num:10 t_c_loss:1.0637922 t_sl_loss
    :2.995715
7518 Epoch:469 batch_num:11 t_c_loss:1.1015885 t_sl_loss
    :2.995715
7519 Epoch:469 batch_num:12 t_c_loss:1.1487718 t_sl_loss
    :2.995715
7520 Epoch:469 batch_num:13 t_c_loss:1.45556 t_sl_loss:-
    0.0
7521 epoch_num:469 accuracy_for_train:0.4904214559386973
7522 epoch_num:469 accuracy_for_test:0.3041825095057034
7523 Epoch:470 batch_num:0 t_c_loss:1.0668565 t_sl_loss:
    2.995715
7524 Epoch:470 batch_num:1 t_c_loss:1.0406034 t_sl_loss:
    2.995715
7525 Epoch:470 batch_num:2 t_c_loss:1.1910292 t_sl_loss:
    2.995715
7526 Epoch:470 batch_num:3 t_c_loss:1.0909574 t_sl_loss:
    2.995715
7527 Epoch:470 batch_num:4 t_c_loss:1.1307284 t_sl_loss:
    2.995715
7528 Epoch:470 batch_num:5 t_c_loss:1.2140366 t_sl_loss:
    2.995715
7529 Epoch:470 batch_num:6 t_c_loss:1.3134193 t_sl_loss:
    2.995715
7530 Epoch:470 batch_num:7 t_c_loss:1.0745434 t_sl_loss:
```

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7530 2.995715
7531 Epoch:470 batch_num:8 t_c_loss:1.0805943 t_sl_loss:
    2.995715
7532 Epoch:470 batch_num:9 t_c_loss:0.9817877 t_sl_loss:
    2.995715
7533 Epoch:470 batch_num:10 t_c_loss:0.9861479 t_sl_loss
    :2.995715
7534 Epoch:470 batch_num:11 t_c_loss:0.9579781 t_sl_loss
    :2.995715
7535 Epoch:470 batch_num:12 t_c_loss:1.0722051 t_sl_loss
    :2.995715
7536 Epoch:470 batch_num:13 t_c_loss:1.4665321 t_sl_loss
    :-0.0
7537 epoch_num:470 accuracy_for_train:0.4942528735632184
7538 epoch_num:470 accuracy_for_test:0.30038022813688214
7539 Epoch:471 batch_num:0 t_c_loss:1.1728168 t_sl_loss:
    2.995715
7540 Epoch:471 batch_num:1 t_c_loss:1.1283412 t_sl_loss:
    2.995715
7541 Epoch:471 batch_num:2 t_c_loss:0.9835642 t_sl_loss:
    2.9957154
7542 Epoch:471 batch_num:3 t_c_loss:1.2073523 t_sl_loss:
    2.995715
7543 Epoch:471 batch_num:4 t_c_loss:1.2627704 t_sl_loss:
    2.995715
7544 Epoch:471 batch_num:5 t_c_loss:1.0235804 t_sl_loss:
    2.995715
7545 Epoch:471 batch_num:6 t_c_loss:1.117379 t_sl_loss:2
    .995715
7546 Epoch:471 batch_num:7 t_c_loss:1.1859182 t_sl_loss:
    2.995715
7547 Epoch:471 batch_num:8 t_c_loss:1.0886939 t_sl_loss:
    2.995715
7548 Epoch:471 batch_num:9 t_c_loss:0.9604623 t_sl_loss:
    2.995715
7549 Epoch:471 batch_num:10 t_c_loss:1.1783621 t_sl_loss
    :2.995715
7550 Epoch:471 batch_num:11 t_c_loss:1.0085999 t_sl_loss
    :2.995715
7551 Epoch:471 batch_num:12 t_c_loss:0.95084506
    t_sl_loss:2.995715
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7552 Epoch:471 batch_num:13 t_c_loss:1.4476802 t_sl_loss
    :-0.0
7553 epoch_num:471 accuracy_for_train:0.
    49808429118773945
7554 epoch_num:471 accuracy_for_test:0.3155893536121673
7555 Epoch:472 batch_num:0 t_c_loss:1.1698546 t_sl_loss:
    2.995715
7556 Epoch:472 batch_num:1 t_c_loss:1.0403817 t_sl_loss:
    2.995715
7557 Epoch:472 batch_num:2 t_c_loss:0.89068615 t_sl_loss
    :2.995715
7558 Epoch:472 batch_num:3 t_c_loss:1.0847833 t_sl_loss:
    2.995715
7559 Epoch:472 batch_num:4 t_c_loss:1.0089203 t_sl_loss:
    2.995715
7560 Epoch:472 batch_num:5 t_c_loss:1.1527175 t_sl_loss:
    2.995715
7561 Epoch:472 batch_num:6 t_c_loss:0.9931841 t_sl_loss:
    2.9957147
7562 Epoch:472 batch_num:7 t_c_loss:0.98759013 t_sl_loss
    :2.995715
7563 Epoch:472 batch_num:8 t_c_loss:1.2212924 t_sl_loss:
    2.995715
7564 Epoch:472 batch_num:9 t_c_loss:1.309001 t_sl_loss:2
    .995715
7565 Epoch:472 batch_num:10 t_c_loss:1.1114517 t_sl_loss
    :2.995715
7566 Epoch:472 batch_num:11 t_c_loss:1.124574 t_sl_loss:
    2.995715
7567 Epoch:472 batch_num:12 t_c_loss:1.2676586 t_sl_loss
    :2.995715
7568 Epoch:472 batch_num:13 t_c_loss:1.4201307 t_sl_loss
    :-0.0
7569 epoch_num:472 accuracy_for_train:0.5019157088122606
7570 epoch_num:472 accuracy_for_test:0.30038022813688214
7571 Epoch:473 batch_num:0 t_c_loss:1.2044262 t_sl_loss:
    2.995715
7572 Epoch:473 batch_num:1 t_c_loss:1.2220987 t_sl_loss:
    2.995715
7573 Epoch:473 batch_num:2 t_c_loss:1.0598031 t_sl_loss:
    2.995715
```

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7574 Epoch:473 batch_num:3 t_c_loss:1.3813064 t_sl_loss:
    2.995715
7575 Epoch:473 batch_num:4 t_c_loss:1.0721853 t_sl_loss:
    2.995715
7576 Epoch:473 batch_num:5 t_c_loss:1.0644815 t_sl_loss:
    2.995715
7577 Epoch:473 batch_num:6 t_c_loss:0.96901643 t_sl_loss
    :2.995715
7578 Epoch:473 batch_num:7 t_c_loss:0.91898143 t_sl_loss
    :2.995715
7579 Epoch:473 batch_num:8 t_c_loss:1.15198 t_sl_loss:2.
    995715
7580 Epoch:473 batch_num:9 t_c_loss:1.0971615 t_sl_loss:
    2.995715
7581 Epoch:473 batch_num:10 t_c_loss:1.1204832 t_sl_loss
    :2.995715
7582 Epoch:473 batch_num:11 t_c_loss:1.0470695 t_sl_loss
    :2.995715
7583 Epoch:473 batch_num:12 t_c_loss:1.1737154 t_sl_loss
    :2.995715
7584 Epoch:473 batch_num:13 t_c_loss:1.1224431 t_sl_loss
    :-0.0
7585 epoch_num:473 accuracy_for_train:0.5019157088122606
7586 epoch_num:473 accuracy_for_test:0.3231939163498099
7587 Epoch:474 batch_num:0 t_c_loss:1.1296124 t_sl_loss:
    2.995715
7588 Epoch:474 batch_num:1 t_c_loss:1.1332728 t_sl_loss:
    2.995715
7589 Epoch:474 batch_num:2 t_c_loss:1.1096811 t_sl_loss:
    2.995715
7590 Epoch:474 batch_num:3 t_c_loss:1.2317897 t_sl_loss:
    2.995715
7591 Epoch:474 batch_num:4 t_c_loss:1.2927086 t_sl_loss:
    2.995715
7592 Epoch:474 batch_num:5 t_c_loss:0.9975212 t_sl_loss:
    2.995715
7593 Epoch:474 batch_num:6 t_c_loss:1.1901149 t_sl_loss:
    2.995715
7594 Epoch:474 batch_num:7 t_c_loss:1.2669393 t_sl_loss:
    2.995715
7595 Epoch:474 batch_num:8 t_c_loss:1.2079045 t_sl_loss:
```

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7595 2.995715
7596 Epoch:474 batch_num:9 t_c_loss:1.0019525 t_sl_loss:
      2.995715
7597 Epoch:474 batch_num:10 t_c_loss:1.0770437 t_sl_loss
      :2.995715
7598 Epoch:474 batch_num:11 t_c_loss:1.0394361 t_sl_loss
      :2.995715
7599 Epoch:474 batch_num:12 t_c_loss:1.3056679 t_sl_loss
      :2.9957144
7600 Epoch:474 batch_num:13 t_c_loss:1.5109043 t_sl_loss
      :-0.0
7601 epoch_num:474 accuracy_for_train:0.4559386973180077
7602 epoch_num:474 accuracy_for_test:0.3155893536121673
7603 Epoch:475 batch_num:0 t_c_loss:1.1600797 t_sl_loss:
      2.995715
7604 Epoch:475 batch_num:1 t_c_loss:1.118937 t_sl_loss:2
      .995715
7605 Epoch:475 batch_num:2 t_c_loss:0.983729 t_sl_loss:2
      .995715
7606 Epoch:475 batch_num:3 t_c_loss:1.1742654 t_sl_loss:
      2.995715
7607 Epoch:475 batch_num:4 t_c_loss:1.3010775 t_sl_loss:
      2.995715
7608 Epoch:475 batch_num:5 t_c_loss:1.0919704 t_sl_loss:
      2.995715
7609 Epoch:475 batch_num:6 t_c_loss:1.181612 t_sl_loss:2
      .995715
7610 Epoch:475 batch_num:7 t_c_loss:1.20499 t_sl_loss:2.
      995715
7611 Epoch:475 batch_num:8 t_c_loss:1.1345481 t_sl_loss:
      2.995715
7612 Epoch:475 batch_num:9 t_c_loss:1.1715105 t_sl_loss:
      2.995715
7613 Epoch:475 batch_num:10 t_c_loss:1.2142228 t_sl_loss
      :2.995715
7614 Epoch:475 batch_num:11 t_c_loss:1.0045884 t_sl_loss
      :2.995715
7615 Epoch:475 batch_num:12 t_c_loss:1.1049874 t_sl_loss
      :2.995715
7616 Epoch:475 batch_num:13 t_c_loss:1.4530263 t_sl_loss
      :-0.0
```



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7617 epoch_num:475 accuracy_for_train:0.4444444444444444
7618 epoch_num:475 accuracy_for_test:0.3231939163498099
7619 Epoch:476 batch_num:0 t_c_loss:1.1960812 t_sl_loss:
    2.995715
7620 Epoch:476 batch_num:1 t_c_loss:1.3257712 t_sl_loss:
    2.995715
7621 Epoch:476 batch_num:2 t_c_loss:1.0789115 t_sl_loss:
    2.995715
7622 Epoch:476 batch_num:3 t_c_loss:0.9877402 t_sl_loss:
    2.995715
7623 Epoch:476 batch_num:4 t_c_loss:1.1401515 t_sl_loss:
    2.995715
7624 Epoch:476 batch_num:5 t_c_loss:1.3274 t_sl_loss:2.
    995715
7625 Epoch:476 batch_num:6 t_c_loss:1.0788934 t_sl_loss:
    2.995715
7626 Epoch:476 batch_num:7 t_c_loss:1.1664946 t_sl_loss:
    2.995715
7627 Epoch:476 batch_num:8 t_c_loss:0.94356555 t_sl_loss
    :2.995715
7628 Epoch:476 batch_num:9 t_c_loss:1.2246382 t_sl_loss:
    2.995715
7629 Epoch:476 batch_num:10 t_c_loss:1.0930512 t_sl_loss
    :2.995715
7630 Epoch:476 batch_num:11 t_c_loss:0.97746897
    t_sl_loss:2.995715
7631 Epoch:476 batch_num:12 t_c_loss:1.1938406 t_sl_loss
    :2.995715
7632 Epoch:476 batch_num:13 t_c_loss:1.4176445 t_sl_loss
    :-0.0
7633 epoch_num:476 accuracy_for_train:0.4367816091954023
7634 epoch_num:476 accuracy_for_test:0.311787072243346
7635 Epoch:477 batch_num:0 t_c_loss:1.0394402 t_sl_loss:
    2.995715
7636 Epoch:477 batch_num:1 t_c_loss:1.1168722 t_sl_loss:
    2.995715
7637 Epoch:477 batch_num:2 t_c_loss:1.2106862 t_sl_loss:
    2.995715
7638 Epoch:477 batch_num:3 t_c_loss:1.1458023 t_sl_loss:
    2.995715
7639 Epoch:477 batch_num:4 t_c_loss:0.9562171 t_sl_loss:
```

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7639 2.995715
7640 Epoch:477 batch_num:5 t_c_loss:1.0173422 t_sl_loss:
    2.9957151
7641 Epoch:477 batch_num:6 t_c_loss:1.0082983 t_sl_loss:
    2.995715
7642 Epoch:477 batch_num:7 t_c_loss:1.132746 t_sl_loss:2
    .995715
7643 Epoch:477 batch_num:8 t_c_loss:1.0692976 t_sl_loss:
    2.995715
7644 Epoch:477 batch_num:9 t_c_loss:1.119668 t_sl_loss:2
    .995715
7645 Epoch:477 batch_num:10 t_c_loss:1.1163 t_sl_loss:2.
    995715
7646 Epoch:477 batch_num:11 t_c_loss:1.3230011 t_sl_loss
    :2.995715
7647 Epoch:477 batch_num:12 t_c_loss:1.3163893 t_sl_loss
    :2.995715
7648 Epoch:477 batch_num:13 t_c_loss:1.0799798 t_sl_loss
    :-0.0
7649 epoch_num:477 accuracy_for_train:0.5019157088122606
7650 epoch_num:477 accuracy_for_test:0.3269961977186312
7651 Epoch:478 batch_num:0 t_c_loss:1.1315321 t_sl_loss:
    2.995715
7652 Epoch:478 batch_num:1 t_c_loss:1.0329865 t_sl_loss:
    2.995715
7653 Epoch:478 batch_num:2 t_c_loss:1.101152 t_sl_loss:2
    .995715
7654 Epoch:478 batch_num:3 t_c_loss:1.1318429 t_sl_loss:
    2.995715
7655 Epoch:478 batch_num:4 t_c_loss:1.055817 t_sl_loss:2
    .995715
7656 Epoch:478 batch_num:5 t_c_loss:0.9507865 t_sl_loss:
    2.995715
7657 Epoch:478 batch_num:6 t_c_loss:1.0013114 t_sl_loss:
    2.995715
7658 Epoch:478 batch_num:7 t_c_loss:1.051208 t_sl_loss:2
    .995715
7659 Epoch:478 batch_num:8 t_c_loss:1.3395402 t_sl_loss:
    2.995715
7660 Epoch:478 batch_num:9 t_c_loss:1.0180418 t_sl_loss:
    2.995715
```

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7661 Epoch:478 batch_num:10 t_c_loss:1.0392962 t_sl_loss
    :2.995715
7662 Epoch:478 batch_num:11 t_c_loss:1.2209957 t_sl_loss
    :2.995715
7663 Epoch:478 batch_num:12 t_c_loss:1.3123428 t_sl_loss
    :2.995715
7664 Epoch:478 batch_num:13 t_c_loss:1.3827374 t_sl_loss
    :-0.0
7665 epoch_num:478 accuracy_for_train:0.5057471264367817
7666 epoch_num:478 accuracy_for_test:0.30038022813688214
7667 Epoch:479 batch_num:0 t_c_loss:1.1460241 t_sl_loss:
    2.995715
7668 Epoch:479 batch_num:1 t_c_loss:1.2366438 t_sl_loss:
    2.995715
7669 Epoch:479 batch_num:2 t_c_loss:1.1928229 t_sl_loss:
    2.995715
7670 Epoch:479 batch_num:3 t_c_loss:1.4659028 t_sl_loss:
    2.995715
7671 Epoch:479 batch_num:4 t_c_loss:1.1053135 t_sl_loss:
    2.995715
7672 Epoch:479 batch_num:5 t_c_loss:1.1402378 t_sl_loss:
    2.995715
7673 Epoch:479 batch_num:6 t_c_loss:1.0146258 t_sl_loss:
    2.995715
7674 Epoch:479 batch_num:7 t_c_loss:1.1027387 t_sl_loss:
    2.995715
7675 Epoch:479 batch_num:8 t_c_loss:1.056968 t_sl_loss:2
    .995715
7676 Epoch:479 batch_num:9 t_c_loss:0.8887943 t_sl_loss:
    2.995715
7677 Epoch:479 batch_num:10 t_c_loss:1.0699451 t_sl_loss
    :2.995715
7678 Epoch:479 batch_num:11 t_c_loss:1.0467279 t_sl_loss
    :2.995715
7679 Epoch:479 batch_num:12 t_c_loss:1.24671 t_sl_loss:2
    .995715
7680 Epoch:479 batch_num:13 t_c_loss:1.4176774 t_sl_loss
    :-0.0
7681 epoch_num:479 accuracy_for_train:0.5019157088122606
7682 epoch_num:479 accuracy_for_test:0.33079847908745247
7683 Epoch:480 batch_num:0 t_c_loss:1.1617854 t_sl_loss:

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7683 2.995715
7684 Epoch:480 batch_num:1 t_c_loss:1.2754081 t_sl_loss:
      2.995715
7685 Epoch:480 batch_num:2 t_c_loss:1.1196455 t_sl_loss:
      2.995715
7686 Epoch:480 batch_num:3 t_c_loss:1.0449709 t_sl_loss:
      2.995715
7687 Epoch:480 batch_num:4 t_c_loss:1.0064934 t_sl_loss:
      2.995715
7688 Epoch:480 batch_num:5 t_c_loss:1.0483795 t_sl_loss:
      2.995715
7689 Epoch:480 batch_num:6 t_c_loss:1.1841388 t_sl_loss:
      2.995715
7690 Epoch:480 batch_num:7 t_c_loss:1.0134056 t_sl_loss:
      2.995715
7691 Epoch:480 batch_num:8 t_c_loss:1.133823 t_sl_loss:2
      .995715
7692 Epoch:480 batch_num:9 t_c_loss:1.0771089 t_sl_loss:
      2.995715
7693 Epoch:480 batch_num:10 t_c_loss:1.1440866 t_sl_loss
      :2.995715
7694 Epoch:480 batch_num:11 t_c_loss:1.0729775 t_sl_loss
      :2.995715
7695 Epoch:480 batch_num:12 t_c_loss:1.5132488 t_sl_loss
      :2.995715
7696 Epoch:480 batch_num:13 t_c_loss:1.0850401 t_sl_loss
      :-0.0
7697 epoch_num:480 accuracy_for_train:0.5019157088122606
7698 epoch_num:480 accuracy_for_test:0.3269961977186312
7699 Epoch:481 batch_num:0 t_c_loss:1.276493 t_sl_loss:2
      .995715
7700 Epoch:481 batch_num:1 t_c_loss:1.2132715 t_sl_loss:
      2.995715
7701 Epoch:481 batch_num:2 t_c_loss:0.99327457 t_sl_loss
      :2.995715
7702 Epoch:481 batch_num:3 t_c_loss:1.0661314 t_sl_loss:
      2.995715
7703 Epoch:481 batch_num:4 t_c_loss:1.1336265 t_sl_loss:
      2.995715
7704 Epoch:481 batch_num:5 t_c_loss:1.0346882 t_sl_loss:
      2.995715
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7705 Epoch:481 batch_num:6 t_c_loss:1.1390254 t_sl_loss:
    2.995715
7706 Epoch:481 batch_num:7 t_c_loss:1.1730942 t_sl_loss:
    2.995715
7707 Epoch:481 batch_num:8 t_c_loss:1.3277012 t_sl_loss:
    2.995715
7708 Epoch:481 batch_num:9 t_c_loss:1.1251746 t_sl_loss:
    2.995715
7709 Epoch:481 batch_num:10 t_c_loss:1.1527884 t_sl_loss
    :2.995715
7710 Epoch:481 batch_num:11 t_c_loss:0.92477626
    t_sl_loss:2.995715
7711 Epoch:481 batch_num:12 t_c_loss:1.0185252 t_sl_loss
    :2.995715
7712 Epoch:481 batch_num:13 t_c_loss:0.06674928
    t_sl_loss:-0.0
7713 epoch_num:481 accuracy_for_train:0.
    42528735632183906
7714 epoch_num:481 accuracy_for_test:0.33840304182509506
7715 Epoch:482 batch_num:0 t_c_loss:1.0966215 t_sl_loss:
    2.995715
7716 Epoch:482 batch_num:1 t_c_loss:1.0287269 t_sl_loss:
    2.995715
7717 Epoch:482 batch_num:2 t_c_loss:1.0804515 t_sl_loss:
    2.995715
7718 Epoch:482 batch_num:3 t_c_loss:1.0275761 t_sl_loss:
    2.995715
7719 Epoch:482 batch_num:4 t_c_loss:1.0352485 t_sl_loss:
    2.995715
7720 Epoch:482 batch_num:5 t_c_loss:1.2993956 t_sl_loss:
    2.995715
7721 Epoch:482 batch_num:6 t_c_loss:1.1342682 t_sl_loss:
    2.995715
7722 Epoch:482 batch_num:7 t_c_loss:1.0702312 t_sl_loss:
    2.995715
7723 Epoch:482 batch_num:8 t_c_loss:1.105108 t_sl_loss:2
    .995715
7724 Epoch:482 batch_num:9 t_c_loss:1.0990012 t_sl_loss:
    2.995715
7725 Epoch:482 batch_num:10 t_c_loss:1.0810158 t_sl_loss
    :2.995715
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7726 Epoch:482 batch_num:11 t_c_loss:1.1411228 t_sl_loss
:2.995715
7727 Epoch:482 batch_num:12 t_c_loss:1.396805 t_sl_loss:
2.995715
7728 Epoch:482 batch_num:13 t_c_loss:1.4243202 t_sl_loss
:-0.0
7729 epoch_num:482 accuracy_for_train:0.4367816091954023
7730 epoch_num:482 accuracy_for_test:0.3193916349809886
7731 Epoch:483 batch_num:0 t_c_loss:1.0534506 t_sl_loss:
2.995715
7732 Epoch:483 batch_num:1 t_c_loss:1.1628 t_sl_loss:2.
995715
7733 Epoch:483 batch_num:2 t_c_loss:1.0314964 t_sl_loss:
2.995715
7734 Epoch:483 batch_num:3 t_c_loss:1.0434253 t_sl_loss:
2.995715
7735 Epoch:483 batch_num:4 t_c_loss:1.1224215 t_sl_loss:
2.995715
7736 Epoch:483 batch_num:5 t_c_loss:1.1049052 t_sl_loss:
2.995715
7737 Epoch:483 batch_num:6 t_c_loss:1.1808288 t_sl_loss:
2.995715
7738 Epoch:483 batch_num:7 t_c_loss:1.2015383 t_sl_loss:
2.995715
7739 Epoch:483 batch_num:8 t_c_loss:1.0549117 t_sl_loss:
2.995715
7740 Epoch:483 batch_num:9 t_c_loss:0.97947806 t_sl_loss
:2.995715
7741 Epoch:483 batch_num:10 t_c_loss:1.2331698 t_sl_loss
:2.995715
7742 Epoch:483 batch_num:11 t_c_loss:1.2397645 t_sl_loss
:2.995715
7743 Epoch:483 batch_num:12 t_c_loss:1.0630063 t_sl_loss
:2.995715
7744 Epoch:483 batch_num:13 t_c_loss:1.4137325 t_sl_loss
:-0.0
7745 epoch_num:483 accuracy_for_train:0.
49808429118773945
7746 epoch_num:483 accuracy_for_test:0.2965779467680608
7747 Epoch:484 batch_num:0 t_c_loss:1.2435966 t_sl_loss:
2.995715
```

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7748 Epoch:484 batch_num:1 t_c_loss:1.0829036 t_sl_loss:
    2.995715
7749 Epoch:484 batch_num:2 t_c_loss:0.9562427 t_sl_loss:
    2.9957151
7750 Epoch:484 batch_num:3 t_c_loss:1.088159 t_sl_loss:2
    .995715
7751 Epoch:484 batch_num:4 t_c_loss:0.9273585 t_sl_loss:
    2.995715
7752 Epoch:484 batch_num:5 t_c_loss:1.0298526 t_sl_loss:
    2.995715
7753 Epoch:484 batch_num:6 t_c_loss:1.0832682 t_sl_loss:
    2.9958055
7754 Epoch:484 batch_num:7 t_c_loss:1.1472516 t_sl_loss:
    2.995715
7755 Epoch:484 batch_num:8 t_c_loss:1.2950218 t_sl_loss:
    2.995715
7756 Epoch:484 batch_num:9 t_c_loss:1.1536728 t_sl_loss:
    2.995715
7757 Epoch:484 batch_num:10 t_c_loss:1.0652869 t_sl_loss
    :2.995715
7758 Epoch:484 batch_num:11 t_c_loss:1.1576021 t_sl_loss
    :2.995715
7759 Epoch:484 batch_num:12 t_c_loss:1.0790498 t_sl_loss
    :2.995715
7760 Epoch:484 batch_num:13 t_c_loss:1.5176294 t_sl_loss
    :-0.0
7761 epoch_num:484 accuracy_for_train:0.
    49808429118773945
7762 epoch_num:484 accuracy_for_test:0.3155893536121673
7763 Epoch:485 batch_num:0 t_c_loss:1.1360923 t_sl_loss:
    2.995715
7764 Epoch:485 batch_num:1 t_c_loss:1.2054602 t_sl_loss:
    2.995715
7765 Epoch:485 batch_num:2 t_c_loss:1.0641025 t_sl_loss:
    2.995715
7766 Epoch:485 batch_num:3 t_c_loss:1.1542858 t_sl_loss:
    2.995715
7767 Epoch:485 batch_num:4 t_c_loss:1.033413 t_sl_loss:2
    .995715
7768 Epoch:485 batch_num:5 t_c_loss:1.1396503 t_sl_loss:
    2.995715
```

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7769 Epoch:485 batch_num:6 t_c_loss:1.3232625 t_sl_loss:
    2.995715
7770 Epoch:485 batch_num:7 t_c_loss:1.1842741 t_sl_loss:
    2.995715
7771 Epoch:485 batch_num:8 t_c_loss:1.1386225 t_sl_loss:
    2.9957151
7772 Epoch:485 batch_num:9 t_c_loss:0.9912588 t_sl_loss:
    2.9957151
7773 Epoch:485 batch_num:10 t_c_loss:1.2482628 t_sl_loss
    :2.995715
7774 Epoch:485 batch_num:11 t_c_loss:1.0751925 t_sl_loss
    :2.995715
7775 Epoch:485 batch_num:12 t_c_loss:1.0249002 t_sl_loss
    :2.995715
7776 Epoch:485 batch_num:13 t_c_loss:1.3625219 t_sl_loss
    :-0.0
7777 epoch_num:485 accuracy_for_train:0.4904214559386973
7778 epoch_num:485 accuracy_for_test:0.3155893536121673
7779 Epoch:486 batch_num:0 t_c_loss:0.8595344 t_sl_loss:
    2.995715
7780 Epoch:486 batch_num:1 t_c_loss:1.2838542 t_sl_loss:
    2.995715
7781 Epoch:486 batch_num:2 t_c_loss:1.2606592 t_sl_loss:
    2.995715
7782 Epoch:486 batch_num:3 t_c_loss:1.0589573 t_sl_loss:
    2.995715
7783 Epoch:486 batch_num:4 t_c_loss:1.0847714 t_sl_loss:
    2.995715
7784 Epoch:486 batch_num:5 t_c_loss:0.9965979 t_sl_loss:
    2.995715
7785 Epoch:486 batch_num:6 t_c_loss:1.170475 t_sl_loss:2
    .995715
7786 Epoch:486 batch_num:7 t_c_loss:1.0673335 t_sl_loss:
    2.995715
7787 Epoch:486 batch_num:8 t_c_loss:1.2276523 t_sl_loss:
    2.995715
7788 Epoch:486 batch_num:9 t_c_loss:0.96683073 t_sl_loss
    :2.995715
7789 Epoch:486 batch_num:10 t_c_loss:1.0975188 t_sl_loss
    :2.995715
7790 Epoch:486 batch_num:11 t_c_loss:1.2394191 t_sl_loss
```



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7790 :2.995715
7791 Epoch:486 batch_num:12 t_c_loss:1.26299 t_sl_loss:2
    .995715
7792 Epoch:486 batch_num:13 t_c_loss:1.4170985 t_sl_loss
    :-0.0
7793 epoch_num:486 accuracy_for_train:0.
    47509578544061304
7794 epoch_num:486 accuracy_for_test:0.311787072243346
7795 Epoch:487 batch_num:0 t_c_loss:1.138562 t_sl_loss:2
    .995715
7796 Epoch:487 batch_num:1 t_c_loss:1.429422 t_sl_loss:2
    .995715
7797 Epoch:487 batch_num:2 t_c_loss:1.0917246 t_sl_loss:
    2.995715
7798 Epoch:487 batch_num:3 t_c_loss:1.0019504 t_sl_loss:
    2.995715
7799 Epoch:487 batch_num:4 t_c_loss:1.1266152 t_sl_loss:
    2.995715
7800 Epoch:487 batch_num:5 t_c_loss:1.2065419 t_sl_loss:
    2.995715
7801 Epoch:487 batch_num:6 t_c_loss:0.80671996 t_sl_loss
    :2.995715
7802 Epoch:487 batch_num:7 t_c_loss:1.2831494 t_sl_loss:
    2.995715
7803 Epoch:487 batch_num:8 t_c_loss:1.2935759 t_sl_loss:
    2.995715
7804 Epoch:487 batch_num:9 t_c_loss:0.9410799 t_sl_loss:
    2.995715
7805 Epoch:487 batch_num:10 t_c_loss:1.2019153 t_sl_loss
    :2.995715
7806 Epoch:487 batch_num:11 t_c_loss:1.1184835 t_sl_loss
    :2.995715
7807 Epoch:487 batch_num:12 t_c_loss:1.0199707 t_sl_loss
    :2.995715
7808 Epoch:487 batch_num:13 t_c_loss:1.2477978 t_sl_loss
    :-0.0
7809 epoch_num:487 accuracy_for_train:0.
    46360153256704983
7810 epoch_num:487 accuracy_for_test:0.311787072243346
7811 Epoch:488 batch_num:0 t_c_loss:1.128466 t_sl_loss:2
    .995715
```

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7812 Epoch:488 batch_num:1 t_c_loss:1.1559031 t_sl_loss:
    2.995715
7813 Epoch:488 batch_num:2 t_c_loss:1.0555301 t_sl_loss:
    2.995715
7814 Epoch:488 batch_num:3 t_c_loss:1.2547456 t_sl_loss:
    2.995715
7815 Epoch:488 batch_num:4 t_c_loss:1.2595788 t_sl_loss:
    2.995715
7816 Epoch:488 batch_num:5 t_c_loss:1.031255 t_sl_loss:2
    .995715
7817 Epoch:488 batch_num:6 t_c_loss:1.3589671 t_sl_loss:
    2.995715
7818 Epoch:488 batch_num:7 t_c_loss:1.057743 t_sl_loss:2
    .995715
7819 Epoch:488 batch_num:8 t_c_loss:1.0210199 t_sl_loss:
    2.995715
7820 Epoch:488 batch_num:9 t_c_loss:1.1391519 t_sl_loss:
    2.995715
7821 Epoch:488 batch_num:10 t_c_loss:1.1320412 t_sl_loss
    :2.995715
7822 Epoch:488 batch_num:11 t_c_loss:0.99911964
    t_sl_loss:2.995716
7823 Epoch:488 batch_num:12 t_c_loss:1.0829754 t_sl_loss
    :2.995715
7824 Epoch:488 batch_num:13 t_c_loss:1.3433771 t_sl_loss
    :-0.0
7825 epoch_num:488 accuracy_for_train:0.4942528735632184
7826 epoch_num:488 accuracy_for_test:0.311787072243346
7827 Epoch:489 batch_num:0 t_c_loss:0.9307621 t_sl_loss:
    2.995715
7828 Epoch:489 batch_num:1 t_c_loss:1.006859 t_sl_loss:2
    .995715
7829 Epoch:489 batch_num:2 t_c_loss:1.2610729 t_sl_loss:
    2.995715
7830 Epoch:489 batch_num:3 t_c_loss:1.2247369 t_sl_loss:
    2.995715
7831 Epoch:489 batch_num:4 t_c_loss:1.1240063 t_sl_loss:
    2.995715
7832 Epoch:489 batch_num:5 t_c_loss:1.1107982 t_sl_loss:
    2.995715
7833 Epoch:489 batch_num:6 t_c_loss:1.0383264 t_sl_loss:
```

```
7833 2.995715
7834 Epoch:489 batch_num:7 t_c_loss:1.1255105 t_sl_loss:
    2.995715
7835 Epoch:489 batch_num:8 t_c_loss:1.2899565 t_sl_loss:
    2.995715
7836 Epoch:489 batch_num:9 t_c_loss:1.1030064 t_sl_loss:
    2.995715
7837 Epoch:489 batch_num:10 t_c_loss:0.96551913
    t_sl_loss:2.995715
7838 Epoch:489 batch_num:11 t_c_loss:1.2118145 t_sl_loss
    :2.995715
7839 Epoch:489 batch_num:12 t_c_loss:1.0643238 t_sl_loss
    :2.995715
7840 Epoch:489 batch_num:13 t_c_loss:1.4122827 t_sl_loss
    :-0.0
7841 epoch_num:489 accuracy_for_train:0.4942528735632184
7842 epoch_num:489 accuracy_for_test:0.33079847908745247
7843 Epoch:490 batch_num:0 t_c_loss:1.1709797 t_sl_loss:
    2.995715
7844 Epoch:490 batch_num:1 t_c_loss:0.997064 t_sl_loss:2
    .995715
7845 Epoch:490 batch_num:2 t_c_loss:1.0929385 t_sl_loss:
    2.995715
7846 Epoch:490 batch_num:3 t_c_loss:1.0539125 t_sl_loss:
    2.995715
7847 Epoch:490 batch_num:4 t_c_loss:1.1510514 t_sl_loss:
    2.995715
7848 Epoch:490 batch_num:5 t_c_loss:1.1699079 t_sl_loss:
    2.995715
7849 Epoch:490 batch_num:6 t_c_loss:1.1182451 t_sl_loss:
    2.995715
7850 Epoch:490 batch_num:7 t_c_loss:1.1922822 t_sl_loss:
    2.995715
7851 Epoch:490 batch_num:8 t_c_loss:0.8641859 t_sl_loss:
    2.995715
7852 Epoch:490 batch_num:9 t_c_loss:1.1523234 t_sl_loss:
    2.995715
7853 Epoch:490 batch_num:10 t_c_loss:1.3070616 t_sl_loss
    :2.995715
7854 Epoch:490 batch_num:11 t_c_loss:0.9705901 t_sl_loss
    :2.995715
```

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7855 Epoch:490 batch_num:12 t_c_loss:1.2308254 t_sl_loss
    :2.995715
7856 Epoch:490 batch_num:13 t_c_loss:1.2050782 t_sl_loss
    :-0.0
7857 epoch_num:490 accuracy_for_train:0.4942528735632184
7858 epoch_num:490 accuracy_for_test:0.3155893536121673
7859 Epoch:491 batch_num:0 t_c_loss:1.2264723 t_sl_loss:
    2.995715
7860 Epoch:491 batch_num:1 t_c_loss:1.0351238 t_sl_loss:
    2.995715
7861 Epoch:491 batch_num:2 t_c_loss:1.0773635 t_sl_loss:
    2.995715
7862 Epoch:491 batch_num:3 t_c_loss:1.2095423 t_sl_loss:
    2.995715
7863 Epoch:491 batch_num:4 t_c_loss:1.2206738 t_sl_loss:
    2.995715
7864 Epoch:491 batch_num:5 t_c_loss:1.106415 t_sl_loss:2
    .995715
7865 Epoch:491 batch_num:6 t_c_loss:1.1707681 t_sl_loss:
    2.995715
7866 Epoch:491 batch_num:7 t_c_loss:1.1668718 t_sl_loss:
    2.995715
7867 Epoch:491 batch_num:8 t_c_loss:1.1613325 t_sl_loss:
    2.995715
7868 Epoch:491 batch_num:9 t_c_loss:1.1815786 t_sl_loss:
    2.995715
7869 Epoch:491 batch_num:10 t_c_loss:1.0451117 t_sl_loss
    :2.995715
7870 Epoch:491 batch_num:11 t_c_loss:1.1130302 t_sl_loss
    :2.995715
7871 Epoch:491 batch_num:12 t_c_loss:0.86050254
    t_sl_loss:2.995715
7872 Epoch:491 batch_num:13 t_c_loss:1.4704027 t_sl_loss
    :-0.0
7873 epoch_num:491 accuracy_for_train:0.4904214559386973
7874 epoch_num:491 accuracy_for_test:0.3155893536121673
7875 Epoch:492 batch_num:0 t_c_loss:1.127872 t_sl_loss:2
    .995715
7876 Epoch:492 batch_num:1 t_c_loss:1.0952631 t_sl_loss:
    2.995715
7877 Epoch:492 batch_num:2 t_c_loss:1.0391123 t_sl_loss:
```

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7877 2.995715
7878 Epoch:492 batch_num:3 t_c_loss:1.1979568 t_sl_loss:
    2.995715
7879 Epoch:492 batch_num:4 t_c_loss:1.0682961 t_sl_loss:
    2.995715
7880 Epoch:492 batch_num:5 t_c_loss:1.2841946 t_sl_loss:
    2.995715
7881 Epoch:492 batch_num:6 t_c_loss:1.0932682 t_sl_loss:
    2.995715
7882 Epoch:492 batch_num:7 t_c_loss:1.1735243 t_sl_loss:
    2.995715
7883 Epoch:492 batch_num:8 t_c_loss:0.9884229 t_sl_loss:
    2.995715
7884 Epoch:492 batch_num:9 t_c_loss:1.0281553 t_sl_loss:
    2.9960651
7885 Epoch:492 batch_num:10 t_c_loss:1.1685119 t_sl_loss
    :2.995715
7886 Epoch:492 batch_num:11 t_c_loss:1.0614918 t_sl_loss
    :2.995715
7887 Epoch:492 batch_num:12 t_c_loss:1.05429 t_sl_loss:2
    .995715
7888 Epoch:492 batch_num:13 t_c_loss:1.0946878 t_sl_loss
    :-0.0
7889 epoch_num:492 accuracy_for_train:0.
    48659003831417624
7890 epoch_num:492 accuracy_for_test:0.3193916349809886
7891 Epoch:493 batch_num:0 t_c_loss:1.1047039 t_sl_loss:
    2.995715
7892 Epoch:493 batch_num:1 t_c_loss:1.2424115 t_sl_loss:
    2.995715
7893 Epoch:493 batch_num:2 t_c_loss:0.93851835 t_sl_loss
    :2.995715
7894 Epoch:493 batch_num:3 t_c_loss:1.0505477 t_sl_loss:
    2.995715
7895 Epoch:493 batch_num:4 t_c_loss:1.1754446 t_sl_loss:
    2.995715
7896 Epoch:493 batch_num:5 t_c_loss:1.1660359 t_sl_loss:
    2.995715
7897 Epoch:493 batch_num:6 t_c_loss:1.0521363 t_sl_loss:
    2.995715
7898 Epoch:493 batch_num:7 t_c_loss:1.0373504 t_sl_loss:
```

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7898 2.995715
7899 Epoch:493 batch_num:8 t_c_loss:1.1091949 t_sl_loss:
    2.995715
7900 Epoch:493 batch_num:9 t_c_loss:1.1160376 t_sl_loss:
    2.995715
7901 Epoch:493 batch_num:10 t_c_loss:1.142835 t_sl_loss:
    2.995715
7902 Epoch:493 batch_num:11 t_c_loss:1.1485449 t_sl_loss
    :2.995715
7903 Epoch:493 batch_num:12 t_c_loss:1.0933682 t_sl_loss
    :2.995715
7904 Epoch:493 batch_num:13 t_c_loss:1.4547889 t_sl_loss
    :-0.0
7905 epoch_num:493 accuracy_for_train:0.4827586206896552
7906 epoch_num:493 accuracy_for_test:0.30798479087452474
7907 Epoch:494 batch_num:0 t_c_loss:0.9499008 t_sl_loss:
    2.995715
7908 Epoch:494 batch_num:1 t_c_loss:1.2494547 t_sl_loss:
    2.995715
7909 Epoch:494 batch_num:2 t_c_loss:1.2520336 t_sl_loss:
    2.995715
7910 Epoch:494 batch_num:3 t_c_loss:1.1306784 t_sl_loss:
    2.995715
7911 Epoch:494 batch_num:4 t_c_loss:1.1821635 t_sl_loss:
    2.995715
7912 Epoch:494 batch_num:5 t_c_loss:1.1198258 t_sl_loss:
    2.995715
7913 Epoch:494 batch_num:6 t_c_loss:1.2179542 t_sl_loss:
    2.995715
7914 Epoch:494 batch_num:7 t_c_loss:0.9771708 t_sl_loss:
    2.995715
7915 Epoch:494 batch_num:8 t_c_loss:0.99619704 t_sl_loss
    :2.995715
7916 Epoch:494 batch_num:9 t_c_loss:1.1012553 t_sl_loss:
    2.995715
7917 Epoch:494 batch_num:10 t_c_loss:1.3111271 t_sl_loss
    :2.995715
7918 Epoch:494 batch_num:11 t_c_loss:1.0910372 t_sl_loss
    :2.995715
7919 Epoch:494 batch_num:12 t_c_loss:0.99323434
    t_sl_loss:2.995715
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7920 Epoch:494 batch_num:13 t_c_loss:1.4015111 t_sl_loss
    :-0.0
7921 epoch_num:494 accuracy_for_train:0.5057471264367817
7922 epoch_num:494 accuracy_for_test:0.311787072243346
7923 Epoch:495 batch_num:0 t_c_loss:1.136833 t_sl_loss:2
    .995715
7924 Epoch:495 batch_num:1 t_c_loss:1.1805798 t_sl_loss:
    2.995715
7925 Epoch:495 batch_num:2 t_c_loss:1.0561787 t_sl_loss:
    2.995715
7926 Epoch:495 batch_num:3 t_c_loss:1.0833132 t_sl_loss:
    2.995715
7927 Epoch:495 batch_num:4 t_c_loss:1.0418653 t_sl_loss:
    2.995715
7928 Epoch:495 batch_num:5 t_c_loss:1.0876606 t_sl_loss:
    2.995715
7929 Epoch:495 batch_num:6 t_c_loss:1.0933425 t_sl_loss:
    2.995715
7930 Epoch:495 batch_num:7 t_c_loss:1.160978 t_sl_loss:2
    .995715
7931 Epoch:495 batch_num:8 t_c_loss:0.9701292 t_sl_loss:
    2.995715
7932 Epoch:495 batch_num:9 t_c_loss:1.2841265 t_sl_loss:
    2.995715
7933 Epoch:495 batch_num:10 t_c_loss:1.1298664 t_sl_loss
    :2.995715
7934 Epoch:495 batch_num:11 t_c_loss:1.0802267 t_sl_loss
    :2.995715
7935 Epoch:495 batch_num:12 t_c_loss:1.0885435 t_sl_loss
    :2.995715
7936 Epoch:495 batch_num:13 t_c_loss:1.421184 t_sl_loss
    :-0.0
7937 epoch_num:495 accuracy_for_train:0.
    45977011494252873
7938 epoch_num:495 accuracy_for_test:0.311787072243346
7939 Epoch:496 batch_num:0 t_c_loss:1.0984885 t_sl_loss:
    2.995715
7940 Epoch:496 batch_num:1 t_c_loss:1.0287619 t_sl_loss:
    2.995715
7941 Epoch:496 batch_num:2 t_c_loss:1.1286236 t_sl_loss:
    2.995715
```

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7942 Epoch:496 batch_num:3 t_c_loss:0.8728782 t_sl_loss:
    2.995715
7943 Epoch:496 batch_num:4 t_c_loss:1.2624286 t_sl_loss:
    2.995715
7944 Epoch:496 batch_num:5 t_c_loss:1.1191275 t_sl_loss:
    2.995715
7945 Epoch:496 batch_num:6 t_c_loss:1.095615 t_sl_loss:2
    .995715
7946 Epoch:496 batch_num:7 t_c_loss:1.1575156 t_sl_loss:
    2.995715
7947 Epoch:496 batch_num:8 t_c_loss:1.4205568 t_sl_loss:
    2.995715
7948 Epoch:496 batch_num:9 t_c_loss:1.1232462 t_sl_loss:
    2.995715
7949 Epoch:496 batch_num:10 t_c_loss:1.0581222 t_sl_loss
    :2.9957151
7950 Epoch:496 batch_num:11 t_c_loss:1.0544835 t_sl_loss
    :2.995715
7951 Epoch:496 batch_num:12 t_c_loss:1.0079116 t_sl_loss
    :2.995715
7952 Epoch:496 batch_num:13 t_c_loss:1.2174109 t_sl_loss
    :-0.0
7953 epoch_num:496 accuracy_for_train:0.4942528735632184
7954 epoch_num:496 accuracy_for_test:0.3041825095057034
7955 Epoch:497 batch_num:0 t_c_loss:1.185212 t_sl_loss:2
    .995715
7956 Epoch:497 batch_num:1 t_c_loss:1.0862666 t_sl_loss:
    2.995715
7957 Epoch:497 batch_num:2 t_c_loss:1.2020371 t_sl_loss:
    2.995715
7958 Epoch:497 batch_num:3 t_c_loss:1.0910084 t_sl_loss:
    2.995715
7959 Epoch:497 batch_num:4 t_c_loss:1.0408252 t_sl_loss:
    2.995715
7960 Epoch:497 batch_num:5 t_c_loss:1.1260171 t_sl_loss:
    2.995715
7961 Epoch:497 batch_num:6 t_c_loss:1.161992 t_sl_loss:2
    .995715
7962 Epoch:497 batch_num:7 t_c_loss:1.2697544 t_sl_loss:
    2.995715
7963 Epoch:497 batch_num:8 t_c_loss:1.0577953 t_sl_loss:
```



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7963 2.995715
7964 Epoch:497 batch_num:9 t_c_loss:1.0196893 t_sl_loss:
    2.995715
7965 Epoch:497 batch_num:10 t_c_loss:1.0617115 t_sl_loss
    :2.995715
7966 Epoch:497 batch_num:11 t_c_loss:1.1911668 t_sl_loss
    :2.995715
7967 Epoch:497 batch_num:12 t_c_loss:1.0444882 t_sl_loss
    :2.995715
7968 Epoch:497 batch_num:13 t_c_loss:1.3565432 t_sl_loss
    :-0.0
7969 epoch_num:497 accuracy_for_train:0.
    48659003831417624
7970 epoch_num:497 accuracy_for_test:0.3193916349809886
7971 Epoch:498 batch_num:0 t_c_loss:1.2222812 t_sl_loss:
    2.995715
7972 Epoch:498 batch_num:1 t_c_loss:1.1687218 t_sl_loss:
    2.995715
7973 Epoch:498 batch_num:2 t_c_loss:1.1590371 t_sl_loss:
    2.995715
7974 Epoch:498 batch_num:3 t_c_loss:1.1609699 t_sl_loss:
    2.995715
7975 Epoch:498 batch_num:4 t_c_loss:0.98871166 t_sl_loss
    :2.995715
7976 Epoch:498 batch_num:5 t_c_loss:1.0811412 t_sl_loss:
    2.995715
7977 Epoch:498 batch_num:6 t_c_loss:1.0515647 t_sl_loss:
    2.995715
7978 Epoch:498 batch_num:7 t_c_loss:1.2242785 t_sl_loss:
    2.995715
7979 Epoch:498 batch_num:8 t_c_loss:1.1481693 t_sl_loss:
    2.995715
7980 Epoch:498 batch_num:9 t_c_loss:0.9957433 t_sl_loss:
    2.995715
7981 Epoch:498 batch_num:10 t_c_loss:1.0141729 t_sl_loss
    :2.995715
7982 Epoch:498 batch_num:11 t_c_loss:1.1041588 t_sl_loss
    :2.995715
7983 Epoch:498 batch_num:12 t_c_loss:1.1746625 t_sl_loss
    :2.995715
7984 Epoch:498 batch_num:13 t_c_loss:1.2279184 t_sl_loss
```

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7984 :-0.0
7985 epoch_num:498 accuracy_for_train:0.4827586206896552
7986 epoch_num:498 accuracy_for_test:0.311787072243346
7987 Epoch:499 batch_num:0 t_c_loss:1.1676799 t_sl_loss:
    2.995715
7988 Epoch:499 batch_num:1 t_c_loss:1.2303287 t_sl_loss:
    2.995715
7989 Epoch:499 batch_num:2 t_c_loss:1.1763695 t_sl_loss:
    2.995715
7990 Epoch:499 batch_num:3 t_c_loss:1.0390314 t_sl_loss:
    2.995715
7991 Epoch:499 batch_num:4 t_c_loss:1.1669548 t_sl_loss:
    2.995715
7992 Epoch:499 batch_num:5 t_c_loss:0.8965273 t_sl_loss:
    2.995715
7993 Epoch:499 batch_num:6 t_c_loss:1.0455928 t_sl_loss:
    2.995715
7994 Epoch:499 batch_num:7 t_c_loss:1.136474 t_sl_loss:2
    .995715
7995 Epoch:499 batch_num:8 t_c_loss:0.9943825 t_sl_loss:
    2.995715
7996 Epoch:499 batch_num:9 t_c_loss:1.0928416 t_sl_loss:
    2.995715
7997 Epoch:499 batch_num:10 t_c_loss:1.1386777 t_sl_loss
    :2.995715
7998 Epoch:499 batch_num:11 t_c_loss:1.1635149 t_sl_loss
    :2.995715
7999 Epoch:499 batch_num:12 t_c_loss:0.9081086 t_sl_loss
    :2.995715
8000 Epoch:499 batch_num:13 t_c_loss:1.2272109 t_sl_loss
    :-0.0
8001 epoch_num:499 accuracy_for_train:0.4482758620689655
8002 epoch_num:499 accuracy_for_test:0.311787072243346
8003 Epoch:500 batch_num:0 t_c_loss:1.0737753 t_sl_loss:
    2.995715
8004 Epoch:500 batch_num:1 t_c_loss:0.9238885 t_sl_loss:
    2.995715
8005 Epoch:500 batch_num:2 t_c_loss:1.1919485 t_sl_loss:
    2.995715
8006 Epoch:500 batch_num:3 t_c_loss:1.1136796 t_sl_loss:
    2.995715
```

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8007 Epoch:500 batch_num:4 t_c_loss:1.0318424 t_sl_loss:
    2.995715
8008 Epoch:500 batch_num:5 t_c_loss:0.94525707 t_sl_loss
    :2.995715
8009 Epoch:500 batch_num:6 t_c_loss:1.2272755 t_sl_loss:
    2.995715
8010 Epoch:500 batch_num:7 t_c_loss:1.4332831 t_sl_loss:
    2.995715
8011 Epoch:500 batch_num:8 t_c_loss:1.0554496 t_sl_loss:
    2.995715
8012 Epoch:500 batch_num:9 t_c_loss:1.2549489 t_sl_loss:
    2.995715
8013 Epoch:500 batch_num:10 t_c_loss:1.1983831 t_sl_loss
    :2.995715
8014 Epoch:500 batch_num:11 t_c_loss:1.21821 t_sl_loss:2
    .995715
8015 Epoch:500 batch_num:12 t_c_loss:1.1001841 t_sl_loss
    :2.995715
8016 Epoch:500 batch_num:13 t_c_loss:1.6472876 t_sl_loss
    :-0.0
8017 epoch_num:500 accuracy_for_train:0.
    44061302681992337
8018 epoch_num:500 accuracy_for_test:0.311787072243346
8019 Epoch:501 batch_num:0 t_c_loss:1.0819652 t_sl_loss:
    2.995715
8020 Epoch:501 batch_num:1 t_c_loss:1.0138203 t_sl_loss:
    2.995715
8021 Epoch:501 batch_num:2 t_c_loss:1.0291967 t_sl_loss:
    2.995715
8022 Epoch:501 batch_num:3 t_c_loss:1.1379365 t_sl_loss:
    2.995715
8023 Epoch:501 batch_num:4 t_c_loss:1.2770684 t_sl_loss:
    2.995715
8024 Epoch:501 batch_num:5 t_c_loss:1.3127475 t_sl_loss:
    2.995715
8025 Epoch:501 batch_num:6 t_c_loss:0.8733016 t_sl_loss:
    2.995715
8026 Epoch:501 batch_num:7 t_c_loss:1.1703572 t_sl_loss:
    2.995715
8027 Epoch:501 batch_num:8 t_c_loss:1.4784148 t_sl_loss:
    2.995715
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8028 Epoch:501 batch_num:9 t_c_loss:1.0897781 t_sl_loss:
    2.995715
8029 Epoch:501 batch_num:10 t_c_loss:1.1050503 t_sl_loss
    :2.995715
8030 Epoch:501 batch_num:11 t_c_loss:1.0264573 t_sl_loss
    :2.995715
8031 Epoch:501 batch_num:12 t_c_loss:0.92204237
    t_sl_loss:2.995715
8032 Epoch:501 batch_num:13 t_c_loss:1.4813077 t_sl_loss
    :-0.0
8033 epoch_num:501 accuracy_for_train:0.
    48659003831417624
8034 epoch_num:501 accuracy_for_test:0.3155893536121673
8035 Epoch:502 batch_num:0 t_c_loss:1.0428613 t_sl_loss:
    2.995715
8036 Epoch:502 batch_num:1 t_c_loss:0.9920621 t_sl_loss:
    2.995715
8037 Epoch:502 batch_num:2 t_c_loss:1.0416434 t_sl_loss:
    2.995715
8038 Epoch:502 batch_num:3 t_c_loss:1.0023352 t_sl_loss:
    2.995715
8039 Epoch:502 batch_num:4 t_c_loss:1.3170226 t_sl_loss:
    2.995715
8040 Epoch:502 batch_num:5 t_c_loss:1.1899995 t_sl_loss:
    2.995715
8041 Epoch:502 batch_num:6 t_c_loss:1.1621252 t_sl_loss:
    2.995715
8042 Epoch:502 batch_num:7 t_c_loss:1.2970269 t_sl_loss:
    2.995715
8043 Epoch:502 batch_num:8 t_c_loss:1.0833778 t_sl_loss:
    2.995715
8044 Epoch:502 batch_num:9 t_c_loss:1.1400439 t_sl_loss:
    2.995715
8045 Epoch:502 batch_num:10 t_c_loss:1.0477155 t_sl_loss
    :2.995715
8046 Epoch:502 batch_num:11 t_c_loss:1.01143 t_sl_loss:2
    .995715
8047 Epoch:502 batch_num:12 t_c_loss:1.3193392 t_sl_loss
    :2.9957151
8048 Epoch:502 batch_num:13 t_c_loss:1.0868802 t_sl_loss
    :-0.0
```

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8049 epoch_num:502 accuracy_for_train:0.  
    49808429118773945  
8050 epoch_num:502 accuracy_for_test:0.3231939163498099  
8051 Epoch:503 batch_num:0 t_c_loss:1.0169978 t_sl_loss:  
    2.995715  
8052 Epoch:503 batch_num:1 t_c_loss:1.5170361 t_sl_loss:  
    2.995715  
8053 Epoch:503 batch_num:2 t_c_loss:0.9442603 t_sl_loss:  
    2.995715  
8054 Epoch:503 batch_num:3 t_c_loss:1.1805661 t_sl_loss:  
    2.995715  
8055 Epoch:503 batch_num:4 t_c_loss:1.004443 t_sl_loss:2  
    .995715  
8056 Epoch:503 batch_num:5 t_c_loss:1.0464847 t_sl_loss:  
    2.995715  
8057 Epoch:503 batch_num:6 t_c_loss:1.0790702 t_sl_loss:  
    2.9957147  
8058 Epoch:503 batch_num:7 t_c_loss:0.97023404 t_sl_loss  
    :2.995715  
8059 Epoch:503 batch_num:8 t_c_loss:1.1855564 t_sl_loss:  
    2.995715  
8060 Epoch:503 batch_num:9 t_c_loss:1.1322374 t_sl_loss:  
    2.995715  
8061 Epoch:503 batch_num:10 t_c_loss:1.2186581 t_sl_loss  
    :2.995715  
8062 Epoch:503 batch_num:11 t_c_loss:1.1682216 t_sl_loss  
    :2.995715  
8063 Epoch:503 batch_num:12 t_c_loss:0.96293145  
    t_sl_loss:2.995715  
8064 Epoch:503 batch_num:13 t_c_loss:1.1094854 t_sl_loss  
    :-0.0  
8065 epoch_num:503 accuracy_for_train:0.5057471264367817  
8066 epoch_num:503 accuracy_for_test:0.3155893536121673  
8067 Epoch:504 batch_num:0 t_c_loss:0.90690106 t_sl_loss  
    :2.995715  
8068 Epoch:504 batch_num:1 t_c_loss:1.0828135 t_sl_loss:  
    2.995715  
8069 Epoch:504 batch_num:2 t_c_loss:1.0025179 t_sl_loss:  
    2.995715  
8070 Epoch:504 batch_num:3 t_c_loss:0.9676922 t_sl_loss:  
    2.995715
```

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8071 Epoch:504 batch_num:4 t_c_loss:1.2271664 t_sl_loss:
    2.995715
8072 Epoch:504 batch_num:5 t_c_loss:1.7531817 t_sl_loss:
    2.995715
8073 Epoch:504 batch_num:6 t_c_loss:1.3369592 t_sl_loss:
    2.995715
8074 Epoch:504 batch_num:7 t_c_loss:1.0404316 t_sl_loss:
    2.995715
8075 Epoch:504 batch_num:8 t_c_loss:1.1928619 t_sl_loss:
    2.995715
8076 Epoch:504 batch_num:9 t_c_loss:1.2238594 t_sl_loss:
    2.995715
8077 Epoch:504 batch_num:10 t_c_loss:1.1601404 t_sl_loss
    :2.995715
8078 Epoch:504 batch_num:11 t_c_loss:1.0031885 t_sl_loss
    :2.995715
8079 Epoch:504 batch_num:12 t_c_loss:0.9419999 t_sl_loss
    :2.9957151
8080 Epoch:504 batch_num:13 t_c_loss:1.3973758 t_sl_loss
    :-0.0
8081 epoch_num:504 accuracy_for_train:0.5019157088122606
8082 epoch_num:504 accuracy_for_test:0.30798479087452474
8083 Epoch:505 batch_num:0 t_c_loss:1.1964682 t_sl_loss:
    2.995715
8084 Epoch:505 batch_num:1 t_c_loss:1.09356 t_sl_loss:2.
    995715
8085 Epoch:505 batch_num:2 t_c_loss:1.2507557 t_sl_loss:
    2.995715
8086 Epoch:505 batch_num:3 t_c_loss:0.8837794 t_sl_loss:
    2.995715
8087 Epoch:505 batch_num:4 t_c_loss:1.2846218 t_sl_loss:
    2.995715
8088 Epoch:505 batch_num:5 t_c_loss:1.1077515 t_sl_loss:
    2.995715
8089 Epoch:505 batch_num:6 t_c_loss:0.97519475 t_sl_loss
    :2.995715
8090 Epoch:505 batch_num:7 t_c_loss:1.0980937 t_sl_loss:
    2.995715
8091 Epoch:505 batch_num:8 t_c_loss:0.9162917 t_sl_loss:
    2.9957144
8092 Epoch:505 batch_num:9 t_c_loss:0.9877087 t_sl_loss:
```

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8092 2.995715
8093 Epoch:505 batch_num:10 t_c_loss:1.1336396 t_sl_loss
      :2.995715
8094 Epoch:505 batch_num:11 t_c_loss:1.1641494 t_sl_loss
      :2.995715
8095 Epoch:505 batch_num:12 t_c_loss:1.2301781 t_sl_loss
      :2.995715
8096 Epoch:505 batch_num:13 t_c_loss:1.7581902 t_sl_loss
      :-0.0
8097 epoch_num:505 accuracy_for_train:0.4904214559386973
8098 epoch_num:505 accuracy_for_test:0.30798479087452474
8099 Epoch:506 batch_num:0 t_c_loss:0.90596116 t_sl_loss
      :2.995715
8100 Epoch:506 batch_num:1 t_c_loss:0.9920021 t_sl_loss:
      2.995715
8101 Epoch:506 batch_num:2 t_c_loss:1.2009377 t_sl_loss:
      2.995715
8102 Epoch:506 batch_num:3 t_c_loss:1.1456307 t_sl_loss:
      2.995715
8103 Epoch:506 batch_num:4 t_c_loss:1.2261813 t_sl_loss:
      2.995715
8104 Epoch:506 batch_num:5 t_c_loss:1.0573432 t_sl_loss:
      2.995715
8105 Epoch:506 batch_num:6 t_c_loss:1.2460425 t_sl_loss:
      2.995715
8106 Epoch:506 batch_num:7 t_c_loss:1.1663896 t_sl_loss:
      2.995715
8107 Epoch:506 batch_num:8 t_c_loss:1.2540774 t_sl_loss:
      2.995715
8108 Epoch:506 batch_num:9 t_c_loss:1.041711 t_sl_loss:2
      .995715
8109 Epoch:506 batch_num:10 t_c_loss:1.1399477 t_sl_loss
      :2.995715
8110 Epoch:506 batch_num:11 t_c_loss:1.0872976 t_sl_loss
      :2.995715
8111 Epoch:506 batch_num:12 t_c_loss:1.1425728 t_sl_loss
      :2.995715
8112 Epoch:506 batch_num:13 t_c_loss:1.368002 t_sl_loss
      :-0.0
8113 epoch_num:506 accuracy_for_train:0.5057471264367817
8114 epoch_num:506 accuracy_for_test:0.3193916349809886
```

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8115 Epoch:507 batch_num:0 t_c_loss:1.1352434 t_sl_loss:
    2.995715
8116 Epoch:507 batch_num:1 t_c_loss:1.1392015 t_sl_loss:
    2.995715
8117 Epoch:507 batch_num:2 t_c_loss:1.0908902 t_sl_loss:
    2.995715
8118 Epoch:507 batch_num:3 t_c_loss:1.1722887 t_sl_loss:
    2.995715
8119 Epoch:507 batch_num:4 t_c_loss:1.03073 t_sl_loss:2.
    995715
8120 Epoch:507 batch_num:5 t_c_loss:0.98879766 t_sl_loss
    :2.995715
8121 Epoch:507 batch_num:6 t_c_loss:1.1497006 t_sl_loss:
    2.995715
8122 Epoch:507 batch_num:7 t_c_loss:0.9934732 t_sl_loss:
    2.995715
8123 Epoch:507 batch_num:8 t_c_loss:1.3301557 t_sl_loss:
    2.995715
8124 Epoch:507 batch_num:9 t_c_loss:1.015255 t_sl_loss:2
    .995715
8125 Epoch:507 batch_num:10 t_c_loss:0.8585166 t_sl_loss
    :2.995715
8126 Epoch:507 batch_num:11 t_c_loss:1.1298873 t_sl_loss
    :2.995715
8127 Epoch:507 batch_num:12 t_c_loss:1.0586126 t_sl_loss
    :2.995715
8128 Epoch:507 batch_num:13 t_c_loss:1.4410568 t_sl_loss
    :-0.0
8129 epoch_num:507 accuracy_for_train:0.5019157088122606
8130 epoch_num:507 accuracy_for_test:0.3193916349809886
8131 Epoch:508 batch_num:0 t_c_loss:1.0418657 t_sl_loss:
    2.995715
8132 Epoch:508 batch_num:1 t_c_loss:0.8151852 t_sl_loss:
    2.9957151
8133 Epoch:508 batch_num:2 t_c_loss:1.118532 t_sl_loss:2
    .995715
8134 Epoch:508 batch_num:3 t_c_loss:1.0118434 t_sl_loss:
    2.995715
8135 Epoch:508 batch_num:4 t_c_loss:1.0325662 t_sl_loss:
    2.995715
8136 Epoch:508 batch_num:5 t_c_loss:1.2535803 t_sl_loss:
```



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8136 2.995715
8137 Epoch:508 batch_num:6 t_c_loss:1.1418047 t_sl_loss:
      2.995715
8138 Epoch:508 batch_num:7 t_c_loss:1.1926419 t_sl_loss:
      2.995715
8139 Epoch:508 batch_num:8 t_c_loss:1.0434849 t_sl_loss:
      2.995715
8140 Epoch:508 batch_num:9 t_c_loss:1.1292129 t_sl_loss:
      2.995715
8141 Epoch:508 batch_num:10 t_c_loss:1.166982 t_sl_loss:
      2.995715
8142 Epoch:508 batch_num:11 t_c_loss:1.2093978 t_sl_loss
      :2.995715
8143 Epoch:508 batch_num:12 t_c_loss:1.2758045 t_sl_loss
      :2.995715
8144 Epoch:508 batch_num:13 t_c_loss:1.2619784 t_sl_loss
      :-0.0
8145 epoch_num:508 accuracy_for_train:0.
      48659003831417624
8146 epoch_num:508 accuracy_for_test:0.3193916349809886
8147 Epoch:509 batch_num:0 t_c_loss:1.1998243 t_sl_loss:
      2.995715
8148 Epoch:509 batch_num:1 t_c_loss:1.0999546 t_sl_loss:
      2.995715
8149 Epoch:509 batch_num:2 t_c_loss:1.1051552 t_sl_loss:
      2.995715
8150 Epoch:509 batch_num:3 t_c_loss:1.1877931 t_sl_loss:
      2.995715
8151 Epoch:509 batch_num:4 t_c_loss:1.0174462 t_sl_loss:
      2.995715
8152 Epoch:509 batch_num:5 t_c_loss:1.089128 t_sl_loss:2
      .995715
8153 Epoch:509 batch_num:6 t_c_loss:1.0121272 t_sl_loss:
      2.995715
8154 Epoch:509 batch_num:7 t_c_loss:0.99491245 t_sl_loss
      :2.995715
8155 Epoch:509 batch_num:8 t_c_loss:1.3270279 t_sl_loss:
      2.995715
8156 Epoch:509 batch_num:9 t_c_loss:1.1845728 t_sl_loss:
      2.995715
8157 Epoch:509 batch_num:10 t_c_loss:1.0724833 t_sl_loss
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8157 :2.995715
8158 Epoch:509 batch_num:11 t_c_loss:1.0989687 t_sl_loss
      :2.995715
8159 Epoch:509 batch_num:12 t_c_loss:1.0041808 t_sl_loss
      :2.995715
8160 Epoch:509 batch_num:13 t_c_loss:1.6829617 t_sl_loss
      :-0.0
8161 epoch_num:509 accuracy_for_train:0.4904214559386973
8162 epoch_num:509 accuracy_for_test:0.29277566539923955
8163 Epoch:510 batch_num:0 t_c_loss:0.94450295 t_sl_loss
      :2.995715
8164 Epoch:510 batch_num:1 t_c_loss:1.3286384 t_sl_loss:
      2.995715
8165 Epoch:510 batch_num:2 t_c_loss:0.98048705 t_sl_loss
      :2.995715
8166 Epoch:510 batch_num:3 t_c_loss:1.0920879 t_sl_loss:
      2.995715
8167 Epoch:510 batch_num:4 t_c_loss:1.0114452 t_sl_loss:
      2.9962275
8168 Epoch:510 batch_num:5 t_c_loss:0.97713006 t_sl_loss
      :2.995715
8169 Epoch:510 batch_num:6 t_c_loss:1.0233673 t_sl_loss:
      2.9957147
8170 Epoch:510 batch_num:7 t_c_loss:1.1534336 t_sl_loss:
      2.995715
8171 Epoch:510 batch_num:8 t_c_loss:1.3277872 t_sl_loss:
      2.995715
8172 Epoch:510 batch_num:9 t_c_loss:1.2419832 t_sl_loss:
      2.995715
8173 Epoch:510 batch_num:10 t_c_loss:0.8862594 t_sl_loss
      :2.995715
8174 Epoch:510 batch_num:11 t_c_loss:1.1020153 t_sl_loss
      :2.995715
8175 Epoch:510 batch_num:12 t_c_loss:1.030569 t_sl_loss:
      2.995715
8176 Epoch:510 batch_num:13 t_c_loss:1.3834625 t_sl_loss
      :-0.0
8177 epoch_num:510 accuracy_for_train:0.5095785440613027
8178 epoch_num:510 accuracy_for_test:0.311787072243346
8179 Epoch:511 batch_num:0 t_c_loss:1.0593586 t_sl_loss:
      2.995715
```

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8180 Epoch:511 batch_num:1 t_c_loss:1.0935445 t_sl_loss:
    2.995715
8181 Epoch:511 batch_num:2 t_c_loss:1.0341685 t_sl_loss:
    2.995715
8182 Epoch:511 batch_num:3 t_c_loss:0.93023765 t_sl_loss
    :2.995715
8183 Epoch:511 batch_num:4 t_c_loss:1.1056591 t_sl_loss:
    2.995715
8184 Epoch:511 batch_num:5 t_c_loss:1.0373676 t_sl_loss:
    2.995715
8185 Epoch:511 batch_num:6 t_c_loss:1.1438432 t_sl_loss:
    2.995715
8186 Epoch:511 batch_num:7 t_c_loss:1.2870425 t_sl_loss:
    2.995715
8187 Epoch:511 batch_num:8 t_c_loss:1.258115 t_sl_loss:2
    .995715
8188 Epoch:511 batch_num:9 t_c_loss:1.0405612 t_sl_loss:
    2.995715
8189 Epoch:511 batch_num:10 t_c_loss:1.0447257 t_sl_loss
    :2.995715
8190 Epoch:511 batch_num:11 t_c_loss:1.3184438 t_sl_loss
    :2.995715
8191 Epoch:511 batch_num:12 t_c_loss:1.1215438 t_sl_loss
    :2.995715
8192 Epoch:511 batch_num:13 t_c_loss:1.3623247 t_sl_loss
    :-0.0
8193 epoch_num:511 accuracy_for_train:0.5134099616858238
8194 epoch_num:511 accuracy_for_test:0.3155893536121673
8195 Epoch:512 batch_num:0 t_c_loss:0.94883776 t_sl_loss
    :2.995715
8196 Epoch:512 batch_num:1 t_c_loss:1.1155261 t_sl_loss:
    2.995715
8197 Epoch:512 batch_num:2 t_c_loss:1.012751 t_sl_loss:2
    .995715
8198 Epoch:512 batch_num:3 t_c_loss:1.3978916 t_sl_loss:
    2.995715
8199 Epoch:512 batch_num:4 t_c_loss:0.8376154 t_sl_loss:
    2.995715
8200 Epoch:512 batch_num:5 t_c_loss:1.1083419 t_sl_loss:
    2.995715
8201 Epoch:512 batch_num:6 t_c_loss:1.0205714 t_sl_loss:
```

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8201 2.995715
8202 Epoch:512 batch_num:7 t_c_loss:1.1541497 t_sl_loss:
      2.995715
8203 Epoch:512 batch_num:8 t_c_loss:1.1294544 t_sl_loss:
      2.995715
8204 Epoch:512 batch_num:9 t_c_loss:0.999801 t_sl_loss:2
      .995715
8205 Epoch:512 batch_num:10 t_c_loss:1.0946271 t_sl_loss
      :2.995715
8206 Epoch:512 batch_num:11 t_c_loss:1.1689228 t_sl_loss
      :2.995715
8207 Epoch:512 batch_num:12 t_c_loss:1.2137309 t_sl_loss
      :2.995715
8208 Epoch:512 batch_num:13 t_c_loss:1.0867693 t_sl_loss
      :-0.0
8209 epoch_num:512 accuracy_for_train:0.5019157088122606
8210 epoch_num:512 accuracy_for_test:0.3041825095057034
8211 Epoch:513 batch_num:0 t_c_loss:1.0216653 t_sl_loss:
      2.995715
8212 Epoch:513 batch_num:1 t_c_loss:1.0497433 t_sl_loss:
      2.995715
8213 Epoch:513 batch_num:2 t_c_loss:1.1422727 t_sl_loss:
      2.995715
8214 Epoch:513 batch_num:3 t_c_loss:1.1313288 t_sl_loss:
      2.995715
8215 Epoch:513 batch_num:4 t_c_loss:1.1176391 t_sl_loss:
      2.995715
8216 Epoch:513 batch_num:5 t_c_loss:1.0339677 t_sl_loss:
      2.9957938
8217 Epoch:513 batch_num:6 t_c_loss:1.1234059 t_sl_loss:
      2.995715
8218 Epoch:513 batch_num:7 t_c_loss:1.1582463 t_sl_loss:
      2.995715
8219 Epoch:513 batch_num:8 t_c_loss:1.1720679 t_sl_loss:
      2.995715
8220 Epoch:513 batch_num:9 t_c_loss:1.0230448 t_sl_loss:
      2.995715
8221 Epoch:513 batch_num:10 t_c_loss:1.078915 t_sl_loss:
      2.995715
8222 Epoch:513 batch_num:11 t_c_loss:0.98529565
      t_sl_loss:2.995715
```

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8223 Epoch:513 batch_num:12 t_c_loss:1.1092434 t_sl_loss
:2.995715
8224 Epoch:513 batch_num:13 t_c_loss:1.3430163 t_sl_loss
:-0.0
8225 epoch_num:513 accuracy_for_train:0.5057471264367817
8226 epoch_num:513 accuracy_for_test:0.311787072243346
8227 Epoch:514 batch_num:0 t_c_loss:1.2268096 t_sl_loss:
2.995715
8228 Epoch:514 batch_num:1 t_c_loss:1.0000587 t_sl_loss:
2.995715
8229 Epoch:514 batch_num:2 t_c_loss:1.1327178 t_sl_loss:
2.995715
8230 Epoch:514 batch_num:3 t_c_loss:1.1709874 t_sl_loss:
2.995715
8231 Epoch:514 batch_num:4 t_c_loss:1.0302308 t_sl_loss:
2.995715
8232 Epoch:514 batch_num:5 t_c_loss:1.04313 t_sl_loss:2.
995715
8233 Epoch:514 batch_num:6 t_c_loss:1.1796505 t_sl_loss:
2.995715
8234 Epoch:514 batch_num:7 t_c_loss:0.89697206 t_sl_loss
:2.995715
8235 Epoch:514 batch_num:8 t_c_loss:1.0194228 t_sl_loss:
2.995715
8236 Epoch:514 batch_num:9 t_c_loss:1.1480814 t_sl_loss:
2.995715
8237 Epoch:514 batch_num:10 t_c_loss:1.0877835 t_sl_loss
:2.995715
8238 Epoch:514 batch_num:11 t_c_loss:1.0865899 t_sl_loss
:2.995715
8239 Epoch:514 batch_num:12 t_c_loss:1.0732863 t_sl_loss
:2.995715
8240 Epoch:514 batch_num:13 t_c_loss:1.7127571 t_sl_loss
:-0.0
8241 epoch_num:514 accuracy_for_train:0.
49808429118773945
8242 epoch_num:514 accuracy_for_test:0.311787072243346
8243 Epoch:515 batch_num:0 t_c_loss:1.0933347 t_sl_loss:
2.995715
8244 Epoch:515 batch_num:1 t_c_loss:1.1249651 t_sl_loss:
2.995715
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8245 Epoch:515 batch_num:2 t_c_loss:0.94495994 t_sl_loss
:2.995715
8246 Epoch:515 batch_num:3 t_c_loss:0.9405869 t_sl_loss:
2.995715
8247 Epoch:515 batch_num:4 t_c_loss:1.2627008 t_sl_loss:
2.9957297
8248 Epoch:515 batch_num:5 t_c_loss:1.0938952 t_sl_loss:
2.995715
8249 Epoch:515 batch_num:6 t_c_loss:1.1548622 t_sl_loss:
2.995715
8250 Epoch:515 batch_num:7 t_c_loss:1.0193957 t_sl_loss:
2.995715
8251 Epoch:515 batch_num:8 t_c_loss:1.2081909 t_sl_loss:
2.995715
8252 Epoch:515 batch_num:9 t_c_loss:0.9900816 t_sl_loss:
2.995715
8253 Epoch:515 batch_num:10 t_c_loss:1.10118 t_sl_loss:2
.995715
8254 Epoch:515 batch_num:11 t_c_loss:1.1810273 t_sl_loss
:2.995715
8255 Epoch:515 batch_num:12 t_c_loss:1.1024884 t_sl_loss
:2.995715
8256 Epoch:515 batch_num:13 t_c_loss:1.1640632 t_sl_loss
:-0.0
8257 epoch_num:515 accuracy_for_train:0.5057471264367817
8258 epoch_num:515 accuracy_for_test:0.3193916349809886
8259 Epoch:516 batch_num:0 t_c_loss:1.1028143 t_sl_loss:
2.995715
8260 Epoch:516 batch_num:1 t_c_loss:1.1786538 t_sl_loss:
2.995715
8261 Epoch:516 batch_num:2 t_c_loss:0.98180515 t_sl_loss
:2.995715
8262 Epoch:516 batch_num:3 t_c_loss:1.0197489 t_sl_loss:
2.995715
8263 Epoch:516 batch_num:4 t_c_loss:0.9221209 t_sl_loss:
2.995715
8264 Epoch:516 batch_num:5 t_c_loss:1.2717818 t_sl_loss:
2.9957151
8265 Epoch:516 batch_num:6 t_c_loss:1.2280898 t_sl_loss:
2.995715
8266 Epoch:516 batch_num:7 t_c_loss:1.2943227 t_sl_loss:
```

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8266 2.995715
8267 Epoch:516 batch_num:8 t_c_loss:1.1165583 t_sl_loss:
      2.995715
8268 Epoch:516 batch_num:9 t_c_loss:1.2692659 t_sl_loss:
      2.995715
8269 Epoch:516 batch_num:10 t_c_loss:1.2010475 t_sl_loss
      :2.995715
8270 Epoch:516 batch_num:11 t_c_loss:0.94993913
      t_sl_loss:2.995715
8271 Epoch:516 batch_num:12 t_c_loss:0.9864216 t_sl_loss
      :2.995715
8272 Epoch:516 batch_num:13 t_c_loss:1.4979542 t_sl_loss
      :-0.0
8273 epoch_num:516 accuracy_for_train:0.
      47126436781609193
8274 epoch_num:516 accuracy_for_test:0.30798479087452474
8275 Epoch:517 batch_num:0 t_c_loss:1.0831162 t_sl_loss:
      2.995715
8276 Epoch:517 batch_num:1 t_c_loss:1.0086447 t_sl_loss:
      2.995715
8277 Epoch:517 batch_num:2 t_c_loss:0.94581956 t_sl_loss
      :2.995715
8278 Epoch:517 batch_num:3 t_c_loss:1.1649609 t_sl_loss:
      2.995715
8279 Epoch:517 batch_num:4 t_c_loss:1.2278459 t_sl_loss:
      2.995715
8280 Epoch:517 batch_num:5 t_c_loss:0.98850405 t_sl_loss
      :2.995715
8281 Epoch:517 batch_num:6 t_c_loss:1.1751302 t_sl_loss:
      2.995715
8282 Epoch:517 batch_num:7 t_c_loss:1.0712485 t_sl_loss:
      2.995715
8283 Epoch:517 batch_num:8 t_c_loss:0.9012424 t_sl_loss:
      2.995715
8284 Epoch:517 batch_num:9 t_c_loss:1.2226342 t_sl_loss:
      2.995715
8285 Epoch:517 batch_num:10 t_c_loss:1.0549543 t_sl_loss
      :2.995715
8286 Epoch:517 batch_num:11 t_c_loss:1.3266001 t_sl_loss
      :2.995715
8287 Epoch:517 batch_num:12 t_c_loss:1.134808 t_sl_loss:
```

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8287 2.995715
8288 Epoch:517 batch_num:13 t_c_loss:1.5527917 t_sl_loss
      :-0.0
8289 epoch_num:517 accuracy_for_train:0.
      48659003831417624
8290 epoch_num:517 accuracy_for_test:0.3193916349809886
8291 Epoch:518 batch_num:0 t_c_loss:0.87376106 t_sl_loss
      :2.995715
8292 Epoch:518 batch_num:1 t_c_loss:1.2274332 t_sl_loss:
      2.995715
8293 Epoch:518 batch_num:2 t_c_loss:0.95956486 t_sl_loss
      :2.995715
8294 Epoch:518 batch_num:3 t_c_loss:1.2519413 t_sl_loss:
      2.995715
8295 Epoch:518 batch_num:4 t_c_loss:1.0470957 t_sl_loss:
      2.995715
8296 Epoch:518 batch_num:5 t_c_loss:1.0541313 t_sl_loss:
      2.995715
8297 Epoch:518 batch_num:6 t_c_loss:1.101958 t_sl_loss:2
      .9957151
8298 Epoch:518 batch_num:7 t_c_loss:1.0750711 t_sl_loss:
      2.995715
8299 Epoch:518 batch_num:8 t_c_loss:1.1240938 t_sl_loss:
      2.995715
8300 Epoch:518 batch_num:9 t_c_loss:1.1535754 t_sl_loss:
      2.995715
8301 Epoch:518 batch_num:10 t_c_loss:1.228592 t_sl_loss:
      2.995715
8302 Epoch:518 batch_num:11 t_c_loss:1.1036991 t_sl_loss
      :2.995715
8303 Epoch:518 batch_num:12 t_c_loss:1.0446448 t_sl_loss
      :2.995715
8304 Epoch:518 batch_num:13 t_c_loss:1.4125473 t_sl_loss
      :-0.0
8305 epoch_num:518 accuracy_for_train:0.4482758620689655
8306 epoch_num:518 accuracy_for_test:0.311787072243346
8307 Epoch:519 batch_num:0 t_c_loss:1.0248215 t_sl_loss:
      2.995715
8308 Epoch:519 batch_num:1 t_c_loss:1.1706815 t_sl_loss:
      2.995715
8309 Epoch:519 batch_num:2 t_c_loss:1.0345083 t_sl_loss:
```



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8309 2.995715
8310 Epoch:519 batch_num:3 t_c_loss:1.2185248 t_sl_loss:
      2.995715
8311 Epoch:519 batch_num:4 t_c_loss:1.6900343 t_sl_loss:
      2.995715
8312 Epoch:519 batch_num:5 t_c_loss:1.050342 t_sl_loss:2
      .995715
8313 Epoch:519 batch_num:6 t_c_loss:1.0915879 t_sl_loss:
      2.995715
8314 Epoch:519 batch_num:7 t_c_loss:1.0762241 t_sl_loss:
      2.995715
8315 Epoch:519 batch_num:8 t_c_loss:0.9902482 t_sl_loss:
      2.995715
8316 Epoch:519 batch_num:9 t_c_loss:1.1165859 t_sl_loss:
      2.995715
8317 Epoch:519 batch_num:10 t_c_loss:1.1479051 t_sl_loss
      :2.995715
8318 Epoch:519 batch_num:11 t_c_loss:1.2718103 t_sl_loss
      :2.995715
8319 Epoch:519 batch_num:12 t_c_loss:1.1841447 t_sl_loss
      :2.995715
8320 Epoch:519 batch_num:13 t_c_loss:1.3359782 t_sl_loss
      :-0.0
8321 epoch_num:519 accuracy_for_train:0.
      49808429118773945
8322 epoch_num:519 accuracy_for_test:0.2965779467680608
8323 Epoch:520 batch_num:0 t_c_loss:1.0785745 t_sl_loss:
      2.995715
8324 Epoch:520 batch_num:1 t_c_loss:0.9482163 t_sl_loss:
      2.995715
8325 Epoch:520 batch_num:2 t_c_loss:1.1654834 t_sl_loss:
      2.995715
8326 Epoch:520 batch_num:3 t_c_loss:1.2379363 t_sl_loss:
      2.995715
8327 Epoch:520 batch_num:4 t_c_loss:1.094137 t_sl_loss:2
      .995715
8328 Epoch:520 batch_num:5 t_c_loss:1.1601361 t_sl_loss:
      2.995715
8329 Epoch:520 batch_num:6 t_c_loss:1.2668083 t_sl_loss:
      2.9957154
8330 Epoch:520 batch_num:7 t_c_loss:1.2179995 t_sl_loss:
```

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8330 2.995715
8331 Epoch:520 batch_num:8 t_c_loss:1.0957836 t_sl_loss:
      2.995715
8332 Epoch:520 batch_num:9 t_c_loss:1.2986454 t_sl_loss:
      2.995715
8333 Epoch:520 batch_num:10 t_c_loss:0.96783036
      t_sl_loss:2.995715
8334 Epoch:520 batch_num:11 t_c_loss:0.91999817
      t_sl_loss:2.995715
8335 Epoch:520 batch_num:12 t_c_loss:0.96715546
      t_sl_loss:2.995715
8336 Epoch:520 batch_num:13 t_c_loss:0.91923016
      t_sl_loss:-0.0
8337 epoch_num:520 accuracy_for_train:0.
      42911877394636017
8338 epoch_num:520 accuracy_for_test:0.33079847908745247
8339 Epoch:521 batch_num:0 t_c_loss:1.0056528 t_sl_loss:
      2.995715
8340 Epoch:521 batch_num:1 t_c_loss:1.3240366 t_sl_loss:
      2.995715
8341 Epoch:521 batch_num:2 t_c_loss:1.0356939 t_sl_loss:
      2.995715
8342 Epoch:521 batch_num:3 t_c_loss:0.96684396 t_sl_loss
      :2.995715
8343 Epoch:521 batch_num:4 t_c_loss:1.2836558 t_sl_loss:
      2.995715
8344 Epoch:521 batch_num:5 t_c_loss:1.2435626 t_sl_loss:
      2.995715
8345 Epoch:521 batch_num:6 t_c_loss:1.2441992 t_sl_loss:
      2.995715
8346 Epoch:521 batch_num:7 t_c_loss:1.1113814 t_sl_loss:
      2.995715
8347 Epoch:521 batch_num:8 t_c_loss:0.82989806 t_sl_loss
      :2.995715
8348 Epoch:521 batch_num:9 t_c_loss:1.2730511 t_sl_loss:
      2.995715
8349 Epoch:521 batch_num:10 t_c_loss:1.0220293 t_sl_loss
      :2.995715
8350 Epoch:521 batch_num:11 t_c_loss:1.0233316 t_sl_loss
      :2.995715
8351 Epoch:521 batch_num:12 t_c_loss:1.0469406 t_sl_loss
```

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8351 :2.995715
8352 Epoch:521 batch_num:13 t_c_loss:1.1016343 t_sl_loss
      :-0.0
8353 epoch_num:521 accuracy_for_train:0.5019157088122606
8354 epoch_num:521 accuracy_for_test:0.311787072243346
8355 Epoch:522 batch_num:0 t_c_loss:0.9781523 t_sl_loss:
      2.995715
8356 Epoch:522 batch_num:1 t_c_loss:1.0419888 t_sl_loss:
      2.995715
8357 Epoch:522 batch_num:2 t_c_loss:1.4145402 t_sl_loss:
      2.995715
8358 Epoch:522 batch_num:3 t_c_loss:0.9822276 t_sl_loss:
      2.995715
8359 Epoch:522 batch_num:4 t_c_loss:1.1492921 t_sl_loss:
      2.995715
8360 Epoch:522 batch_num:5 t_c_loss:1.0463134 t_sl_loss:
      2.995715
8361 Epoch:522 batch_num:6 t_c_loss:1.0206206 t_sl_loss:
      2.995715
8362 Epoch:522 batch_num:7 t_c_loss:0.92120075 t_sl_loss
      :2.995715
8363 Epoch:522 batch_num:8 t_c_loss:1.2471222 t_sl_loss:
      2.995715
8364 Epoch:522 batch_num:9 t_c_loss:0.9377781 t_sl_loss:
      2.995715
8365 Epoch:522 batch_num:10 t_c_loss:1.0317891 t_sl_loss
      :2.995715
8366 Epoch:522 batch_num:11 t_c_loss:1.1762545 t_sl_loss
      :2.995715
8367 Epoch:522 batch_num:12 t_c_loss:1.0776415 t_sl_loss
      :2.995715
8368 Epoch:522 batch_num:13 t_c_loss:1.586802 t_sl_loss
      :-0.0
8369 epoch_num:522 accuracy_for_train:0.
      48659003831417624
8370 epoch_num:522 accuracy_for_test:0.30798479087452474
8371 Epoch:523 batch_num:0 t_c_loss:1.113739 t_sl_loss:2
      .995715
8372 Epoch:523 batch_num:1 t_c_loss:1.0472983 t_sl_loss:
      2.995715
8373 Epoch:523 batch_num:2 t_c_loss:1.163188 t_sl_loss:2
```

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8373 .995715
8374 Epoch:523 batch_num:3 t_c_loss:0.96214944 t_sl_loss
      :2.995715
8375 Epoch:523 batch_num:4 t_c_loss:1.3059806 t_sl_loss:
      2.995715
8376 Epoch:523 batch_num:5 t_c_loss:1.0623574 t_sl_loss:
      2.995715
8377 Epoch:523 batch_num:6 t_c_loss:1.0228046 t_sl_loss:
      2.9957147
8378 Epoch:523 batch_num:7 t_c_loss:1.1246904 t_sl_loss:
      2.995715
8379 Epoch:523 batch_num:8 t_c_loss:1.321439 t_sl_loss:2
      .995715
8380 Epoch:523 batch_num:9 t_c_loss:0.9126874 t_sl_loss:
      2.995715
8381 Epoch:523 batch_num:10 t_c_loss:0.98666286
      t_sl_loss:2.995715
8382 Epoch:523 batch_num:11 t_c_loss:1.1025679 t_sl_loss
      :2.995715
8383 Epoch:523 batch_num:12 t_c_loss:0.9570395 t_sl_loss
      :2.995715
8384 Epoch:523 batch_num:13 t_c_loss:1.4294832 t_sl_loss
      :-0.0
8385 epoch_num:523 accuracy_for_train:0.5057471264367817
8386 epoch_num:523 accuracy_for_test:0.3155893536121673
8387 Epoch:524 batch_num:0 t_c_loss:1.082329 t_sl_loss:2
      .995715
8388 Epoch:524 batch_num:1 t_c_loss:1.2524889 t_sl_loss:
      2.995715
8389 Epoch:524 batch_num:2 t_c_loss:1.091157 t_sl_loss:2
      .995715
8390 Epoch:524 batch_num:3 t_c_loss:1.3866832 t_sl_loss:
      2.995715
8391 Epoch:524 batch_num:4 t_c_loss:1.3703754 t_sl_loss:
      2.995715
8392 Epoch:524 batch_num:5 t_c_loss:1.0424763 t_sl_loss:
      2.995715
8393 Epoch:524 batch_num:6 t_c_loss:0.9451958 t_sl_loss:
      2.995715
8394 Epoch:524 batch_num:7 t_c_loss:1.004801 t_sl_loss:2
      .995715
```

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8395 Epoch:524 batch_num:8 t_c_loss:0.9626546 t_sl_loss:
    2.995715
8396 Epoch:524 batch_num:9 t_c_loss:1.1426443 t_sl_loss:
    2.995715
8397 Epoch:524 batch_num:10 t_c_loss:1.2997715 t_sl_loss
    :2.995715
8398 Epoch:524 batch_num:11 t_c_loss:0.8964121 t_sl_loss
    :2.995715
8399 Epoch:524 batch_num:12 t_c_loss:0.98872983
    t_sl_loss:2.995715
8400 Epoch:524 batch_num:13 t_c_loss:1.4271457 t_sl_loss
    :-0.0
8401 epoch_num:524 accuracy_for_train:0.4559386973180077
8402 epoch_num:524 accuracy_for_test:0.311787072243346
8403 Epoch:525 batch_num:0 t_c_loss:1.0059693 t_sl_loss:
    2.995715
8404 Epoch:525 batch_num:1 t_c_loss:0.97929287 t_sl_loss
    :2.995715
8405 Epoch:525 batch_num:2 t_c_loss:1.1487195 t_sl_loss:
    2.995715
8406 Epoch:525 batch_num:3 t_c_loss:1.186522 t_sl_loss:2
    .995715
8407 Epoch:525 batch_num:4 t_c_loss:1.120951 t_sl_loss:2
    .995715
8408 Epoch:525 batch_num:5 t_c_loss:1.1876948 t_sl_loss:
    2.995715
8409 Epoch:525 batch_num:6 t_c_loss:1.2340655 t_sl_loss:
    2.995715
8410 Epoch:525 batch_num:7 t_c_loss:0.9954214 t_sl_loss:
    2.995715
8411 Epoch:525 batch_num:8 t_c_loss:1.2459091 t_sl_loss:
    2.995715
8412 Epoch:525 batch_num:9 t_c_loss:0.89329755 t_sl_loss
    :2.995715
8413 Epoch:525 batch_num:10 t_c_loss:1.1882851 t_sl_loss
    :2.995715
8414 Epoch:525 batch_num:11 t_c_loss:0.9380849 t_sl_loss
    :2.995715
8415 Epoch:525 batch_num:12 t_c_loss:1.1333171 t_sl_loss
    :2.995715
8416 Epoch:525 batch_num:13 t_c_loss:1.4463245 t_sl_loss
```

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8416 :-0.0
8417 epoch_num:525 accuracy_for_train:0.5057471264367817
8418 epoch_num:525 accuracy_for_test:0.2965779467680608
8419 Epoch:526 batch_num:0 t_c_loss:1.0073438 t_sl_loss:
    2.995715
8420 Epoch:526 batch_num:1 t_c_loss:1.111964 t_sl_loss:2
    .995715
8421 Epoch:526 batch_num:2 t_c_loss:1.0936587 t_sl_loss:
    2.995715
8422 Epoch:526 batch_num:3 t_c_loss:1.0978645 t_sl_loss:
    2.995715
8423 Epoch:526 batch_num:4 t_c_loss:1.1660941 t_sl_loss:
    2.995715
8424 Epoch:526 batch_num:5 t_c_loss:1.089485 t_sl_loss:2
    .995715
8425 Epoch:526 batch_num:6 t_c_loss:1.0055902 t_sl_loss:
    2.995715
8426 Epoch:526 batch_num:7 t_c_loss:1.1894755 t_sl_loss:
    2.995715
8427 Epoch:526 batch_num:8 t_c_loss:1.1334258 t_sl_loss:
    2.995715
8428 Epoch:526 batch_num:9 t_c_loss:1.2302806 t_sl_loss:
    2.995715
8429 Epoch:526 batch_num:10 t_c_loss:1.0057496 t_sl_loss
    :2.995715
8430 Epoch:526 batch_num:11 t_c_loss:1.0256437 t_sl_loss
    :2.995715
8431 Epoch:526 batch_num:12 t_c_loss:1.1724876 t_sl_loss
    :2.995715
8432 Epoch:526 batch_num:13 t_c_loss:1.4416602 t_sl_loss
    :-0.0
8433 epoch_num:526 accuracy_for_train:0.5019157088122606
8434 epoch_num:526 accuracy_for_test:0.2965779467680608
8435 Epoch:527 batch_num:0 t_c_loss:1.1193988 t_sl_loss:
    2.995715
8436 Epoch:527 batch_num:1 t_c_loss:1.015084 t_sl_loss:2
    .995715
8437 Epoch:527 batch_num:2 t_c_loss:0.9984559 t_sl_loss:
    2.995715
8438 Epoch:527 batch_num:3 t_c_loss:1.2388599 t_sl_loss:
    2.995715
```

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8439 Epoch:527 batch_num:4 t_c_loss:0.9626144 t_sl_loss:
    2.995715
8440 Epoch:527 batch_num:5 t_c_loss:1.1447471 t_sl_loss:
    2.995715
8441 Epoch:527 batch_num:6 t_c_loss:1.1387002 t_sl_loss:
    2.995715
8442 Epoch:527 batch_num:7 t_c_loss:1.1085298 t_sl_loss:
    2.995715
8443 Epoch:527 batch_num:8 t_c_loss:1.0385349 t_sl_loss:
    2.995715
8444 Epoch:527 batch_num:9 t_c_loss:1.3100116 t_sl_loss:
    2.995715
8445 Epoch:527 batch_num:10 t_c_loss:1.1466773 t_sl_loss
    :2.995715
8446 Epoch:527 batch_num:11 t_c_loss:0.9231855 t_sl_loss
    :2.995715
8447 Epoch:527 batch_num:12 t_c_loss:0.9776267 t_sl_loss
    :2.995715
8448 Epoch:527 batch_num:13 t_c_loss:1.5868782 t_sl_loss
    :-0.0
8449 epoch_num:527 accuracy_for_train:0.5019157088122606
8450 epoch_num:527 accuracy_for_test:0.311787072243346
8451 Epoch:528 batch_num:0 t_c_loss:1.0772 t_sl_loss:2.
    995715
8452 Epoch:528 batch_num:1 t_c_loss:1.0182216 t_sl_loss:
    2.995715
8453 Epoch:528 batch_num:2 t_c_loss:1.1763043 t_sl_loss:
    2.995715
8454 Epoch:528 batch_num:3 t_c_loss:1.1683369 t_sl_loss:
    2.995715
8455 Epoch:528 batch_num:4 t_c_loss:0.98858404 t_sl_loss
    :2.995715
8456 Epoch:528 batch_num:5 t_c_loss:0.9346838 t_sl_loss:
    2.995715
8457 Epoch:528 batch_num:6 t_c_loss:1.3215663 t_sl_loss:
    2.995715
8458 Epoch:528 batch_num:7 t_c_loss:1.0112967 t_sl_loss:
    2.995715
8459 Epoch:528 batch_num:8 t_c_loss:1.2896067 t_sl_loss:
    2.995715
8460 Epoch:528 batch_num:9 t_c_loss:1.1153651 t_sl_loss:
```

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8460 2.995715
8461 Epoch:528 batch_num:10 t_c_loss:1.084522 t_sl_loss:
      2.995715
8462 Epoch:528 batch_num:11 t_c_loss:1.0350567 t_sl_loss
      :2.995715
8463 Epoch:528 batch_num:12 t_c_loss:1.0763152 t_sl_loss
      :2.995715
8464 Epoch:528 batch_num:13 t_c_loss:1.4463115 t_sl_loss
      :-0.0
8465 epoch_num:528 accuracy_for_train:0.5287356321839081
8466 epoch_num:528 accuracy_for_test:0.28517110266159695
8467 Epoch:529 batch_num:0 t_c_loss:0.9912206 t_sl_loss:
      2.995715
8468 Epoch:529 batch_num:1 t_c_loss:1.369333 t_sl_loss:2
      .995715
8469 Epoch:529 batch_num:2 t_c_loss:1.0808184 t_sl_loss:
      2.995715
8470 Epoch:529 batch_num:3 t_c_loss:1.0602114 t_sl_loss:
      2.9957151
8471 Epoch:529 batch_num:4 t_c_loss:1.144397 t_sl_loss:2
      .995715
8472 Epoch:529 batch_num:5 t_c_loss:1.1445553 t_sl_loss:
      2.995715
8473 Epoch:529 batch_num:6 t_c_loss:1.0085504 t_sl_loss:
      2.9957151
8474 Epoch:529 batch_num:7 t_c_loss:1.281646 t_sl_loss:2
      .995715
8475 Epoch:529 batch_num:8 t_c_loss:1.0551218 t_sl_loss:
      2.995715
8476 Epoch:529 batch_num:9 t_c_loss:1.1646776 t_sl_loss:
      2.995715
8477 Epoch:529 batch_num:10 t_c_loss:0.9914522 t_sl_loss
      :2.995715
8478 Epoch:529 batch_num:11 t_c_loss:1.0152013 t_sl_loss
      :2.995715
8479 Epoch:529 batch_num:12 t_c_loss:1.054769 t_sl_loss:
      2.9957342
8480 Epoch:529 batch_num:13 t_c_loss:1.3435874 t_sl_loss
      :-0.0
8481 epoch_num:529 accuracy_for_train:0.5210727969348659
8482 epoch_num:529 accuracy_for_test:0.2965779467680608
```



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8483 Epoch:530 batch_num:0 t_c_loss:1.2685461 t_sl_loss:
    2.995715
8484 Epoch:530 batch_num:1 t_c_loss:1.0498534 t_sl_loss:
    2.995715
8485 Epoch:530 batch_num:2 t_c_loss:1.0065321 t_sl_loss:
    2.995715
8486 Epoch:530 batch_num:3 t_c_loss:0.8458909 t_sl_loss:
    2.995715
8487 Epoch:530 batch_num:4 t_c_loss:1.3750699 t_sl_loss:
    2.995715
8488 Epoch:530 batch_num:5 t_c_loss:1.0770584 t_sl_loss:
    2.995715
8489 Epoch:530 batch_num:6 t_c_loss:1.0656445 t_sl_loss:
    2.995715
8490 Epoch:530 batch_num:7 t_c_loss:1.0153962 t_sl_loss:
    2.995715
8491 Epoch:530 batch_num:8 t_c_loss:1.0037647 t_sl_loss:
    2.995715
8492 Epoch:530 batch_num:9 t_c_loss:1.0279938 t_sl_loss:
    2.995715
8493 Epoch:530 batch_num:10 t_c_loss:1.0597274 t_sl_loss
    :2.995715
8494 Epoch:530 batch_num:11 t_c_loss:1.0328938 t_sl_loss
    :2.995715
8495 Epoch:530 batch_num:12 t_c_loss:1.3543413 t_sl_loss
    :2.995715
8496 Epoch:530 batch_num:13 t_c_loss:1.3051755 t_sl_loss
    :-0.0
8497 epoch_num:530 accuracy_for_train:0.5172413793103449
8498 epoch_num:530 accuracy_for_test:0.29277566539923955
8499 Epoch:531 batch_num:0 t_c_loss:1.0838975 t_sl_loss:
    2.995715
8500 Epoch:531 batch_num:1 t_c_loss:1.0321294 t_sl_loss:
    2.995715
8501 Epoch:531 batch_num:2 t_c_loss:1.1088192 t_sl_loss:
    2.995715
8502 Epoch:531 batch_num:3 t_c_loss:1.1307229 t_sl_loss:
    2.995715
8503 Epoch:531 batch_num:4 t_c_loss:1.2217339 t_sl_loss:
    2.995715
8504 Epoch:531 batch_num:5 t_c_loss:1.0924102 t_sl_loss:
```

```
8504 2.995715
8505 Epoch:531 batch_num:6 t_c_loss:0.96100533 t_sl_loss
      :2.995715
8506 Epoch:531 batch_num:7 t_c_loss:1.2632834 t_sl_loss:
      2.995715
8507 Epoch:531 batch_num:8 t_c_loss:1.1557117 t_sl_loss:
      2.995715
8508 Epoch:531 batch_num:9 t_c_loss:0.9378541 t_sl_loss:
      2.995715
8509 Epoch:531 batch_num:10 t_c_loss:1.2528927 t_sl_loss
      :2.995715
8510 Epoch:531 batch_num:11 t_c_loss:0.9507329 t_sl_loss
      :2.995715
8511 Epoch:531 batch_num:12 t_c_loss:0.9670229 t_sl_loss
      :2.995715
8512 Epoch:531 batch_num:13 t_c_loss:1.3059014 t_sl_loss
      :-0.0
8513 epoch_num:531 accuracy_for_train:0.
      49808429118773945
8514 epoch_num:531 accuracy_for_test:0.2965779467680608
8515 Epoch:532 batch_num:0 t_c_loss:1.1110365 t_sl_loss:
      2.9957151
8516 Epoch:532 batch_num:1 t_c_loss:0.84298 t_sl_loss:2.
      995715
8517 Epoch:532 batch_num:2 t_c_loss:1.2033412 t_sl_loss:
      2.995715
8518 Epoch:532 batch_num:3 t_c_loss:1.0688684 t_sl_loss:
      2.995715
8519 Epoch:532 batch_num:4 t_c_loss:1.1563485 t_sl_loss:
      2.995715
8520 Epoch:532 batch_num:5 t_c_loss:1.0982336 t_sl_loss:
      2.995715
8521 Epoch:532 batch_num:6 t_c_loss:1.1240039 t_sl_loss:
      2.995715
8522 Epoch:532 batch_num:7 t_c_loss:1.1272341 t_sl_loss:
      2.9957151
8523 Epoch:532 batch_num:8 t_c_loss:0.9655634 t_sl_loss:
      2.995715
8524 Epoch:532 batch_num:9 t_c_loss:1.1602097 t_sl_loss:
      2.995715
8525 Epoch:532 batch_num:10 t_c_loss:1.1818445 t_sl_loss
```

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8525 :2.995715
8526 Epoch:532 batch_num:11 t_c_loss:0.98839366
      t_sl_loss:2.995715
8527 Epoch:532 batch_num:12 t_c_loss:0.94059336
      t_sl_loss:2.995715
8528 Epoch:532 batch_num:13 t_c_loss:1.0758723 t_sl_loss
      :-0.0
8529 epoch_num:532 accuracy_for_train:0.5057471264367817
8530 epoch_num:532 accuracy_for_test:0.311787072243346
8531 Epoch:533 batch_num:0 t_c_loss:1.1894748 t_sl_loss:
      2.995715
8532 Epoch:533 batch_num:1 t_c_loss:1.0159973 t_sl_loss:
      2.995715
8533 Epoch:533 batch_num:2 t_c_loss:1.0692683 t_sl_loss:
      2.995715
8534 Epoch:533 batch_num:3 t_c_loss:1.2227409 t_sl_loss:
      2.995715
8535 Epoch:533 batch_num:4 t_c_loss:1.2409704 t_sl_loss:
      2.995715
8536 Epoch:533 batch_num:5 t_c_loss:0.9934956 t_sl_loss:
      2.9957151
8537 Epoch:533 batch_num:6 t_c_loss:1.1947714 t_sl_loss:
      2.995715
8538 Epoch:533 batch_num:7 t_c_loss:1.1493124 t_sl_loss:
      2.995715
8539 Epoch:533 batch_num:8 t_c_loss:1.0247415 t_sl_loss:
      2.995715
8540 Epoch:533 batch_num:9 t_c_loss:1.009548 t_sl_loss:2
      .995715
8541 Epoch:533 batch_num:10 t_c_loss:1.0174444 t_sl_loss
      :2.995715
8542 Epoch:533 batch_num:11 t_c_loss:1.019143 t_sl_loss:
      2.995715
8543 Epoch:533 batch_num:12 t_c_loss:1.0951471 t_sl_loss
      :2.995751
8544 Epoch:533 batch_num:13 t_c_loss:1.3864712 t_sl_loss
      :-0.0
8545 epoch_num:533 accuracy_for_train:0.4674329501915709
8546 epoch_num:533 accuracy_for_test:0.30798479087452474
8547 Epoch:534 batch_num:0 t_c_loss:1.1558127 t_sl_loss:
      2.995715
```

```
8548 Epoch:534 batch_num:1 t_c_loss:1.0998259 t_sl_loss:
    2.995715
8549 Epoch:534 batch_num:2 t_c_loss:1.0897634 t_sl_loss:
    2.995715
8550 Epoch:534 batch_num:3 t_c_loss:1.1607423 t_sl_loss:
    2.995715
8551 Epoch:534 batch_num:4 t_c_loss:1.1295736 t_sl_loss:
    2.995715
8552 Epoch:534 batch_num:5 t_c_loss:1.0222679 t_sl_loss:
    2.995715
8553 Epoch:534 batch_num:6 t_c_loss:1.2018625 t_sl_loss:
    2.995715
8554 Epoch:534 batch_num:7 t_c_loss:0.9557606 t_sl_loss:
    2.9957151
8555 Epoch:534 batch_num:8 t_c_loss:1.0284517 t_sl_loss:
    2.995715
8556 Epoch:534 batch_num:9 t_c_loss:1.0378182 t_sl_loss:
    2.995715
8557 Epoch:534 batch_num:10 t_c_loss:1.121737 t_sl_loss:
    2.995715
8558 Epoch:534 batch_num:11 t_c_loss:1.0682847 t_sl_loss
    :2.995715
8559 Epoch:534 batch_num:12 t_c_loss:1.173117 t_sl_loss:
    2.995715
8560 Epoch:534 batch_num:13 t_c_loss:1.296594 t_sl_loss
    :-0.0
8561 epoch_num:534 accuracy_for_train:0.5210727969348659
8562 epoch_num:534 accuracy_for_test:0.3041825095057034
8563 Epoch:535 batch_num:0 t_c_loss:1.1068661 t_sl_loss:
    2.995715
8564 Epoch:535 batch_num:1 t_c_loss:0.96909845 t_sl_loss
    :2.995715
8565 Epoch:535 batch_num:2 t_c_loss:1.1980338 t_sl_loss:
    2.995715
8566 Epoch:535 batch_num:3 t_c_loss:1.1549809 t_sl_loss:
    2.995715
8567 Epoch:535 batch_num:4 t_c_loss:1.1609774 t_sl_loss:
    2.995715
8568 Epoch:535 batch_num:5 t_c_loss:0.8823635 t_sl_loss:
    2.995715
8569 Epoch:535 batch_num:6 t_c_loss:0.941949 t_sl_loss:2
```

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8569 .995715
8570 Epoch:535 batch_num:7 t_c_loss:1.1231394 t_sl_loss:
      2.995715
8571 Epoch:535 batch_num:8 t_c_loss:1.1267122 t_sl_loss:
      2.995715
8572 Epoch:535 batch_num:9 t_c_loss:1.1420376 t_sl_loss:
      2.995715
8573 Epoch:535 batch_num:10 t_c_loss:1.0598648 t_sl_loss
      :2.995715
8574 Epoch:535 batch_num:11 t_c_loss:0.99428827
      t_sl_loss:2.995715
8575 Epoch:535 batch_num:12 t_c_loss:1.2207398 t_sl_loss
      :2.995715
8576 Epoch:535 batch_num:13 t_c_loss:1.7866876 t_sl_loss
      :-0.0
8577 epoch_num:535 accuracy_for_train:0.
      46360153256704983
8578 epoch_num:535 accuracy_for_test:0.3041825095057034
8579 Epoch:536 batch_num:0 t_c_loss:1.0528526 t_sl_loss:
      2.995715
8580 Epoch:536 batch_num:1 t_c_loss:1.1591077 t_sl_loss:
      2.995715
8581 Epoch:536 batch_num:2 t_c_loss:1.1055341 t_sl_loss:
      2.995715
8582 Epoch:536 batch_num:3 t_c_loss:1.0849798 t_sl_loss:
      2.995715
8583 Epoch:536 batch_num:4 t_c_loss:1.1244754 t_sl_loss:
      2.995715
8584 Epoch:536 batch_num:5 t_c_loss:1.2046183 t_sl_loss:
      2.995715
8585 Epoch:536 batch_num:6 t_c_loss:1.0879453 t_sl_loss:
      2.995715
8586 Epoch:536 batch_num:7 t_c_loss:1.2418017 t_sl_loss:
      2.995715
8587 Epoch:536 batch_num:8 t_c_loss:0.996614 t_sl_loss:2
      .995715
8588 Epoch:536 batch_num:9 t_c_loss:1.1393245 t_sl_loss:
      2.995715
8589 Epoch:536 batch_num:10 t_c_loss:1.0729086 t_sl_loss
      :2.995715
8590 Epoch:536 batch_num:11 t_c_loss:0.96423817
```

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8590 t_sl_loss:2.995715
8591 Epoch:536 batch_num:12 t_c_loss:1.0722672 t_sl_loss
      :2.995715
8592 Epoch:536 batch_num:13 t_c_loss:1.3040605 t_sl_loss
      :-0.0
8593 epoch_num:536 accuracy_for_train:0.5057471264367817
8594 epoch_num:536 accuracy_for_test:0.28517110266159695
8595 Epoch:537 batch_num:0 t_c_loss:1.2624847 t_sl_loss:
      2.995715
8596 Epoch:537 batch_num:1 t_c_loss:1.0455282 t_sl_loss:
      2.995715
8597 Epoch:537 batch_num:2 t_c_loss:0.8779486 t_sl_loss:
      2.995715
8598 Epoch:537 batch_num:3 t_c_loss:1.2022225 t_sl_loss:
      2.995715
8599 Epoch:537 batch_num:4 t_c_loss:1.0585033 t_sl_loss:
      2.9957595
8600 Epoch:537 batch_num:5 t_c_loss:1.0641623 t_sl_loss:
      2.995715
8601 Epoch:537 batch_num:6 t_c_loss:0.99063903 t_sl_loss
      :2.995715
8602 Epoch:537 batch_num:7 t_c_loss:1.0142545 t_sl_loss:
      2.995715
8603 Epoch:537 batch_num:8 t_c_loss:1.2953163 t_sl_loss:
      2.995715
8604 Epoch:537 batch_num:9 t_c_loss:1.0698911 t_sl_loss:
      2.995715
8605 Epoch:537 batch_num:10 t_c_loss:1.3479755 t_sl_loss
      :2.995715
8606 Epoch:537 batch_num:11 t_c_loss:0.97153056
      t_sl_loss:2.995715
8607 Epoch:537 batch_num:12 t_c_loss:1.0842905 t_sl_loss
      :2.995715
8608 Epoch:537 batch_num:13 t_c_loss:1.0005649 t_sl_loss
      :-0.0
8609 epoch_num:537 accuracy_for_train:0.5210727969348659
8610 epoch_num:537 accuracy_for_test:0.27756653992395436
8611 Epoch:538 batch_num:0 t_c_loss:0.94756925 t_sl_loss
      :2.995715
8612 Epoch:538 batch_num:1 t_c_loss:1.0397053 t_sl_loss:
      2.995715
```

```
8613 Epoch:538 batch_num:2 t_c_loss:1.0300992 t_sl_loss:
    2.995715
8614 Epoch:538 batch_num:3 t_c_loss:1.3199642 t_sl_loss:
    2.995715
8615 Epoch:538 batch_num:4 t_c_loss:1.0894136 t_sl_loss:
    2.995715
8616 Epoch:538 batch_num:5 t_c_loss:0.9195363 t_sl_loss:
    2.995715
8617 Epoch:538 batch_num:6 t_c_loss:1.0421407 t_sl_loss:
    2.995715
8618 Epoch:538 batch_num:7 t_c_loss:1.2235163 t_sl_loss:
    2.9957151
8619 Epoch:538 batch_num:8 t_c_loss:0.9968613 t_sl_loss:
    2.995715
8620 Epoch:538 batch_num:9 t_c_loss:1.2135893 t_sl_loss:
    2.995715
8621 Epoch:538 batch_num:10 t_c_loss:1.0218718 t_sl_loss
    :2.995715
8622 Epoch:538 batch_num:11 t_c_loss:1.0079368 t_sl_loss
    :2.995715
8623 Epoch:538 batch_num:12 t_c_loss:1.1830989 t_sl_loss
    :2.995715
8624 Epoch:538 batch_num:13 t_c_loss:1.672823 t_sl_loss
    :-0.0
8625 epoch_num:538 accuracy_for_train:0.5019157088122606
8626 epoch_num:538 accuracy_for_test:0.2813688212927757
8627 Epoch:539 batch_num:0 t_c_loss:0.9174565 t_sl_loss:
    2.995715
8628 Epoch:539 batch_num:1 t_c_loss:1.3900391 t_sl_loss:
    2.995715
8629 Epoch:539 batch_num:2 t_c_loss:0.9206096 t_sl_loss:
    2.995715
8630 Epoch:539 batch_num:3 t_c_loss:1.0341364 t_sl_loss:
    2.995715
8631 Epoch:539 batch_num:4 t_c_loss:1.0057653 t_sl_loss:
    2.995715
8632 Epoch:539 batch_num:5 t_c_loss:1.1677439 t_sl_loss:
    2.995715
8633 Epoch:539 batch_num:6 t_c_loss:1.0169165 t_sl_loss:
    2.995715
8634 Epoch:539 batch_num:7 t_c_loss:1.1455019 t_sl_loss:
```

```
8634 2.995715
8635 Epoch:539 batch_num:8 t_c_loss:1.097115 t_sl_loss:2
      .995715
8636 Epoch:539 batch_num:9 t_c_loss:1.0658078 t_sl_loss:
      2.995715
8637 Epoch:539 batch_num:10 t_c_loss:1.0034913 t_sl_loss
      :2.995715
8638 Epoch:539 batch_num:11 t_c_loss:1.2815021 t_sl_loss
      :2.995715
8639 Epoch:539 batch_num:12 t_c_loss:0.96486217
      t_sl_loss:2.995715
8640 Epoch:539 batch_num:13 t_c_loss:1.6440874 t_sl_loss
      :-0.0
8641 epoch_num:539 accuracy_for_train:0.5172413793103449
8642 epoch_num:539 accuracy_for_test:0.30798479087452474
8643 Epoch:540 batch_num:0 t_c_loss:1.2317331 t_sl_loss:
      2.995715
8644 Epoch:540 batch_num:1 t_c_loss:1.2290032 t_sl_loss:
      2.995715
8645 Epoch:540 batch_num:2 t_c_loss:1.285433 t_sl_loss:2
      .995715
8646 Epoch:540 batch_num:3 t_c_loss:1.0855756 t_sl_loss:
      2.995715
8647 Epoch:540 batch_num:4 t_c_loss:1.2786051 t_sl_loss:
      2.995715
8648 Epoch:540 batch_num:5 t_c_loss:1.0551336 t_sl_loss:
      2.995715
8649 Epoch:540 batch_num:6 t_c_loss:0.97651684 t_sl_loss
      :2.995715
8650 Epoch:540 batch_num:7 t_c_loss:0.88523674 t_sl_loss
      :2.995715
8651 Epoch:540 batch_num:8 t_c_loss:1.0622362 t_sl_loss:
      2.995715
8652 Epoch:540 batch_num:9 t_c_loss:1.1874917 t_sl_loss:
      2.995715
8653 Epoch:540 batch_num:10 t_c_loss:1.18945 t_sl_loss:2
      .9957151
8654 Epoch:540 batch_num:11 t_c_loss:0.9628256 t_sl_loss
      :2.995715
8655 Epoch:540 batch_num:12 t_c_loss:1.0528866 t_sl_loss
      :2.995715
```



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8656 Epoch:540 batch_num:13 t_c_loss:1.2183286 t_sl_loss
    :-0.0
8657 epoch_num:540 accuracy_for_train:0.5172413793103449
8658 epoch_num:540 accuracy_for_test:0.2813688212927757
8659 Epoch:541 batch_num:0 t_c_loss:1.1656392 t_sl_loss:
    2.9957147
8660 Epoch:541 batch_num:1 t_c_loss:1.1385047 t_sl_loss:
    2.995715
8661 Epoch:541 batch_num:2 t_c_loss:0.988167 t_sl_loss:2
    .995715
8662 Epoch:541 batch_num:3 t_c_loss:1.0194339 t_sl_loss:
    2.995715
8663 Epoch:541 batch_num:4 t_c_loss:1.0844648 t_sl_loss:
    2.995715
8664 Epoch:541 batch_num:5 t_c_loss:1.167753 t_sl_loss:2
    .995715
8665 Epoch:541 batch_num:6 t_c_loss:0.9832069 t_sl_loss:
    2.995715
8666 Epoch:541 batch_num:7 t_c_loss:0.9504302 t_sl_loss:
    2.995715
8667 Epoch:541 batch_num:8 t_c_loss:1.1469266 t_sl_loss:
    2.995715
8668 Epoch:541 batch_num:9 t_c_loss:1.1437756 t_sl_loss:
    2.995715
8669 Epoch:541 batch_num:10 t_c_loss:1.2647691 t_sl_loss
    :2.995715
8670 Epoch:541 batch_num:11 t_c_loss:1.176619 t_sl_loss:
    2.995715
8671 Epoch:541 batch_num:12 t_c_loss:1.0168928 t_sl_loss
    :2.995715
8672 Epoch:541 batch_num:13 t_c_loss:1.4993157 t_sl_loss
    :-0.0
8673 epoch_num:541 accuracy_for_train:0.4521072796934866
8674 epoch_num:541 accuracy_for_test:0.2965779467680608
8675 Epoch:542 batch_num:0 t_c_loss:1.1670473 t_sl_loss:
    2.995715
8676 Epoch:542 batch_num:1 t_c_loss:1.1819632 t_sl_loss:
    2.995715
8677 Epoch:542 batch_num:2 t_c_loss:1.1673715 t_sl_loss:
    2.995715
8678 Epoch:542 batch_num:3 t_c_loss:0.8953468 t_sl_loss:
```

```
8678 2.995715
8679 Epoch:542 batch_num:4 t_c_loss:1.0783247 t_sl_loss:
      2.995715
8680 Epoch:542 batch_num:5 t_c_loss:1.1934742 t_sl_loss:
      2.995715
8681 Epoch:542 batch_num:6 t_c_loss:0.9053793 t_sl_loss:
      2.995715
8682 Epoch:542 batch_num:7 t_c_loss:1.0947566 t_sl_loss:
      2.995715
8683 Epoch:542 batch_num:8 t_c_loss:1.3228544 t_sl_loss:
      2.995715
8684 Epoch:542 batch_num:9 t_c_loss:1.1383098 t_sl_loss:
      2.995715
8685 Epoch:542 batch_num:10 t_c_loss:1.0930535 t_sl_loss
      :2.995715
8686 Epoch:542 batch_num:11 t_c_loss:0.9163731 t_sl_loss
      :2.995715
8687 Epoch:542 batch_num:12 t_c_loss:1.0746487 t_sl_loss
      :2.995715
8688 Epoch:542 batch_num:13 t_c_loss:0.9209928 t_sl_loss
      :-0.0
8689 epoch_num:542 accuracy_for_train:0.
      46360153256704983
8690 epoch_num:542 accuracy_for_test:0.2965779467680608
8691 Epoch:543 batch_num:0 t_c_loss:0.9973341 t_sl_loss:
      2.995715
8692 Epoch:543 batch_num:1 t_c_loss:0.83820784 t_sl_loss
      :2.995715
8693 Epoch:543 batch_num:2 t_c_loss:1.064642 t_sl_loss:2
      .995715
8694 Epoch:543 batch_num:3 t_c_loss:0.8708006 t_sl_loss:
      2.995715
8695 Epoch:543 batch_num:4 t_c_loss:1.1689012 t_sl_loss:
      2.995715
8696 Epoch:543 batch_num:5 t_c_loss:1.1252285 t_sl_loss:
      2.995715
8697 Epoch:543 batch_num:6 t_c_loss:1.2280285 t_sl_loss:
      2.995715
8698 Epoch:543 batch_num:7 t_c_loss:1.174838 t_sl_loss:2
      .995715
8699 Epoch:543 batch_num:8 t_c_loss:1.1319495 t_sl_loss:
```

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8699 2.995715
8700 Epoch:543 batch_num:9 t_c_loss:1.170496 t_sl_loss:2
    .995715
8701 Epoch:543 batch_num:10 t_c_loss:1.0182167 t_sl_loss
    :2.995715
8702 Epoch:543 batch_num:11 t_c_loss:1.2147975 t_sl_loss
    :2.995715
8703 Epoch:543 batch_num:12 t_c_loss:1.0515295 t_sl_loss
    :2.995715
8704 Epoch:543 batch_num:13 t_c_loss:1.4166026 t_sl_loss
    :-0.0
8705 epoch_num:543 accuracy_for_train:0.5095785440613027
8706 epoch_num:543 accuracy_for_test:0.29277566539923955
8707 Epoch:544 batch_num:0 t_c_loss:1.2884328 t_sl_loss:
    2.995715
8708 Epoch:544 batch_num:1 t_c_loss:1.1793855 t_sl_loss:
    2.995715
8709 Epoch:544 batch_num:2 t_c_loss:1.1324232 t_sl_loss:
    2.995715
8710 Epoch:544 batch_num:3 t_c_loss:1.0577816 t_sl_loss:
    2.995715
8711 Epoch:544 batch_num:4 t_c_loss:1.0591184 t_sl_loss:
    2.995715
8712 Epoch:544 batch_num:5 t_c_loss:1.1617744 t_sl_loss:
    2.995715
8713 Epoch:544 batch_num:6 t_c_loss:0.97339284 t_sl_loss
    :2.995715
8714 Epoch:544 batch_num:7 t_c_loss:0.977173 t_sl_loss:2
    .995715
8715 Epoch:544 batch_num:8 t_c_loss:1.0049859 t_sl_loss:
    2.995715
8716 Epoch:544 batch_num:9 t_c_loss:1.2987845 t_sl_loss:
    2.995715
8717 Epoch:544 batch_num:10 t_c_loss:0.86329305
    t_sl_loss:2.995715
8718 Epoch:544 batch_num:11 t_c_loss:1.0010816 t_sl_loss
    :2.995715
8719 Epoch:544 batch_num:12 t_c_loss:1.1022502 t_sl_loss
    :2.995715
8720 Epoch:544 batch_num:13 t_c_loss:1.2914133 t_sl_loss
    :-0.0
```

```
8721 epoch_num:544 accuracy_for_train:0.5287356321839081
8722 epoch_num:544 accuracy_for_test:0.2889733840304182
8723 Epoch:545 batch_num:0 t_c_loss:0.98027956 t_sl_loss
:2.995715
8724 Epoch:545 batch_num:1 t_c_loss:1.0690057 t_sl_loss:
2.9957147
8725 Epoch:545 batch_num:2 t_c_loss:0.9550389 t_sl_loss:
2.995715
8726 Epoch:545 batch_num:3 t_c_loss:1.1518013 t_sl_loss:
2.995715
8727 Epoch:545 batch_num:4 t_c_loss:1.1777537 t_sl_loss:
2.995715
8728 Epoch:545 batch_num:5 t_c_loss:1.0938064 t_sl_loss:
2.995715
8729 Epoch:545 batch_num:6 t_c_loss:1.1665947 t_sl_loss:
2.995715
8730 Epoch:545 batch_num:7 t_c_loss:1.0201106 t_sl_loss:
2.995715
8731 Epoch:545 batch_num:8 t_c_loss:0.9180911 t_sl_loss:
2.995715
8732 Epoch:545 batch_num:9 t_c_loss:1.0004654 t_sl_loss:
2.995715
8733 Epoch:545 batch_num:10 t_c_loss:1.0058713 t_sl_loss
:2.995715
8734 Epoch:545 batch_num:11 t_c_loss:1.160507 t_sl_loss:
2.995715
8735 Epoch:545 batch_num:12 t_c_loss:1.0727863 t_sl_loss
:2.995715
8736 Epoch:545 batch_num:13 t_c_loss:1.1214262 t_sl_loss
:-0.0
8737 epoch_num:545 accuracy_for_train:0.5210727969348659
8738 epoch_num:545 accuracy_for_test:0.29277566539923955
8739 Epoch:546 batch_num:0 t_c_loss:1.2442164 t_sl_loss:
2.995715
8740 Epoch:546 batch_num:1 t_c_loss:1.0735303 t_sl_loss:
2.995715
8741 Epoch:546 batch_num:2 t_c_loss:1.0902355 t_sl_loss:
2.995715
8742 Epoch:546 batch_num:3 t_c_loss:1.032567 t_sl_loss:2
.995715
8743 Epoch:546 batch_num:4 t_c_loss:1.2614561 t_sl_loss:
```

```
8743 2.995715
8744 Epoch:546 batch_num:5 t_c_loss:1.0615112 t_sl_loss:
      2.995715
8745 Epoch:546 batch_num:6 t_c_loss:1.2055762 t_sl_loss:
      2.995715
8746 Epoch:546 batch_num:7 t_c_loss:1.1194232 t_sl_loss:
      2.995715
8747 Epoch:546 batch_num:8 t_c_loss:1.081247 t_sl_loss:2
      .995715
8748 Epoch:546 batch_num:9 t_c_loss:1.063892 t_sl_loss:2
      .995715
8749 Epoch:546 batch_num:10 t_c_loss:1.0561836 t_sl_loss
      :2.995715
8750 Epoch:546 batch_num:11 t_c_loss:0.88820314
      t_sl_loss:2.995715
8751 Epoch:546 batch_num:12 t_c_loss:1.0989046 t_sl_loss
      :2.995715
8752 Epoch:546 batch_num:13 t_c_loss:0.05281831
      t_sl_loss:-0.0
8753 epoch_num:546 accuracy_for_train:0.4444444444444444
8754 epoch_num:546 accuracy_for_test:0.3193916349809886
8755 Epoch:547 batch_num:0 t_c_loss:1.1105134 t_sl_loss:
      2.995715
8756 Epoch:547 batch_num:1 t_c_loss:1.0847842 t_sl_loss:
      2.995715
8757 Epoch:547 batch_num:2 t_c_loss:1.0243071 t_sl_loss:
      2.995715
8758 Epoch:547 batch_num:3 t_c_loss:1.3176768 t_sl_loss:
      2.995715
8759 Epoch:547 batch_num:4 t_c_loss:1.0641186 t_sl_loss:
      2.995715
8760 Epoch:547 batch_num:5 t_c_loss:1.1451653 t_sl_loss:
      2.995715
8761 Epoch:547 batch_num:6 t_c_loss:1.0334759 t_sl_loss:
      2.995715
8762 Epoch:547 batch_num:7 t_c_loss:0.9643817 t_sl_loss:
      2.995715
8763 Epoch:547 batch_num:8 t_c_loss:1.085856 t_sl_loss:2
      .995715
8764 Epoch:547 batch_num:9 t_c_loss:0.8813465 t_sl_loss:
      2.995715
```

```
8765 Epoch:547 batch_num:10 t_c_loss:1.2407987 t_sl_loss
:2.995715
8766 Epoch:547 batch_num:11 t_c_loss:1.0257708 t_sl_loss
:2.995715
8767 Epoch:547 batch_num:12 t_c_loss:1.0843146 t_sl_loss
:2.995715
8768 Epoch:547 batch_num:13 t_c_loss:1.3690989 t_sl_loss
:-0.0
8769 epoch_num:547 accuracy_for_train:0.4521072796934866
8770 epoch_num:547 accuracy_for_test:0.3231939163498099
8771 Epoch:548 batch_num:0 t_c_loss:1.3174546 t_sl_loss:
2.995715
8772 Epoch:548 batch_num:1 t_c_loss:0.9164361 t_sl_loss:
2.995715
8773 Epoch:548 batch_num:2 t_c_loss:1.1721523 t_sl_loss:
2.995715
8774 Epoch:548 batch_num:3 t_c_loss:1.2594106 t_sl_loss:
2.995715
8775 Epoch:548 batch_num:4 t_c_loss:1.1320432 t_sl_loss:
2.995715
8776 Epoch:548 batch_num:5 t_c_loss:1.3275875 t_sl_loss:
2.995715
8777 Epoch:548 batch_num:6 t_c_loss:1.07494 t_sl_loss:2.
9957151
8778 Epoch:548 batch_num:7 t_c_loss:0.94489527 t_sl_loss
:2.995715
8779 Epoch:548 batch_num:8 t_c_loss:1.3150711 t_sl_loss:
2.995715
8780 Epoch:548 batch_num:9 t_c_loss:1.065419 t_sl_loss:2
.995715
8781 Epoch:548 batch_num:10 t_c_loss:0.8920926 t_sl_loss
:2.995715
8782 Epoch:548 batch_num:11 t_c_loss:0.93486977
t_sl_loss:2.995715
8783 Epoch:548 batch_num:12 t_c_loss:0.9244348 t_sl_loss
:2.995715
8784 Epoch:548 batch_num:13 t_c_loss:1.2983053 t_sl_loss
:-0.0
8785 epoch_num:548 accuracy_for_train:0.
46360153256704983
8786 epoch_num:548 accuracy_for_test:0.3193916349809886
```

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8787 Epoch:549 batch_num:0 t_c_loss:1.0055487 t_sl_loss:
    2.995715
8788 Epoch:549 batch_num:1 t_c_loss:1.0675843 t_sl_loss:
    2.995715
8789 Epoch:549 batch_num:2 t_c_loss:1.0820968 t_sl_loss:
    2.995715
8790 Epoch:549 batch_num:3 t_c_loss:1.3359128 t_sl_loss:
    2.995715
8791 Epoch:549 batch_num:4 t_c_loss:1.096027 t_sl_loss:2
    .9957147
8792 Epoch:549 batch_num:5 t_c_loss:0.98795354 t_sl_loss
    :2.995715
8793 Epoch:549 batch_num:6 t_c_loss:1.2797457 t_sl_loss:
    2.995715
8794 Epoch:549 batch_num:7 t_c_loss:1.1351564 t_sl_loss:
    2.995715
8795 Epoch:549 batch_num:8 t_c_loss:1.0158696 t_sl_loss:
    2.995715
8796 Epoch:549 batch_num:9 t_c_loss:0.9959463 t_sl_loss:
    2.995715
8797 Epoch:549 batch_num:10 t_c_loss:1.2269928 t_sl_loss
    :2.995715
8798 Epoch:549 batch_num:11 t_c_loss:1.0345873 t_sl_loss
    :2.995715
8799 Epoch:549 batch_num:12 t_c_loss:1.011287 t_sl_loss:
    2.995715
8800 Epoch:549 batch_num:13 t_c_loss:0.56463885
    t_sl_loss:-0.0
8801 epoch_num:549 accuracy_for_train:0.4521072796934866
8802 epoch_num:549 accuracy_for_test:0.33460076045627374
8803 Epoch:550 batch_num:0 t_c_loss:1.1123857 t_sl_loss:
    2.995715
8804 Epoch:550 batch_num:1 t_c_loss:0.8989671 t_sl_loss:
    2.995715
8805 Epoch:550 batch_num:2 t_c_loss:1.0226082 t_sl_loss:
    2.995715
8806 Epoch:550 batch_num:3 t_c_loss:1.1804179 t_sl_loss:
    2.995715
8807 Epoch:550 batch_num:4 t_c_loss:1.0331047 t_sl_loss:
    2.995715
8808 Epoch:550 batch_num:5 t_c_loss:0.9333331 t_sl_loss:
```

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8808 2.995715
8809 Epoch:550 batch_num:6 t_c_loss:1.1005863 t_sl_loss:
      2.995715
8810 Epoch:550 batch_num:7 t_c_loss:1.1330501 t_sl_loss:
      2.995715
8811 Epoch:550 batch_num:8 t_c_loss:0.9716784 t_sl_loss:
      2.995715
8812 Epoch:550 batch_num:9 t_c_loss:1.2092376 t_sl_loss:
      2.995715
8813 Epoch:550 batch_num:10 t_c_loss:1.1025399 t_sl_loss
      :2.995715
8814 Epoch:550 batch_num:11 t_c_loss:1.071377 t_sl_loss:
      2.995715
8815 Epoch:550 batch_num:12 t_c_loss:1.2018883 t_sl_loss
      :2.995715
8816 Epoch:550 batch_num:13 t_c_loss:0.51455814
      t_sl_loss:-0.0
8817 epoch_num:550 accuracy_for_train:0.4367816091954023
8818 epoch_num:550 accuracy_for_test:0.33840304182509506
8819 Epoch:551 batch_num:0 t_c_loss:1.1544203 t_sl_loss:
      2.995715
8820 Epoch:551 batch_num:1 t_c_loss:1.1703584 t_sl_loss:
      2.995715
8821 Epoch:551 batch_num:2 t_c_loss:1.1433611 t_sl_loss:
      2.995715
8822 Epoch:551 batch_num:3 t_c_loss:1.1232704 t_sl_loss:
      2.995715
8823 Epoch:551 batch_num:4 t_c_loss:1.1036685 t_sl_loss:
      2.995715
8824 Epoch:551 batch_num:5 t_c_loss:1.1948588 t_sl_loss:
      2.995715
8825 Epoch:551 batch_num:6 t_c_loss:0.9577519 t_sl_loss:
      2.995715
8826 Epoch:551 batch_num:7 t_c_loss:0.7560861 t_sl_loss:
      2.995715
8827 Epoch:551 batch_num:8 t_c_loss:0.95538604 t_sl_loss
      :2.995715
8828 Epoch:551 batch_num:9 t_c_loss:1.1237533 t_sl_loss:
      2.995715
8829 Epoch:551 batch_num:10 t_c_loss:1.1858792 t_sl_loss
      :2.995715
```



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8830 Epoch:551 batch_num:11 t_c_loss:1.1100862 t_sl_loss
:2.995715
8831 Epoch:551 batch_num:12 t_c_loss:1.1794735 t_sl_loss
:2.995715
8832 Epoch:551 batch_num:13 t_c_loss:1.4517345 t_sl_loss
:-0.0
8833 epoch_num:551 accuracy_for_train:0.524904214559387
8834 epoch_num:551 accuracy_for_test:0.3041825095057034
8835 Epoch:552 batch_num:0 t_c_loss:1.255077 t_sl_loss:2
.995715
8836 Epoch:552 batch_num:1 t_c_loss:1.04934 t_sl_loss:2.
995715
8837 Epoch:552 batch_num:2 t_c_loss:1.1971209 t_sl_loss:
2.995715
8838 Epoch:552 batch_num:3 t_c_loss:1.1303787 t_sl_loss:
2.995715
8839 Epoch:552 batch_num:4 t_c_loss:0.96393853 t_sl_loss
:2.995715
8840 Epoch:552 batch_num:5 t_c_loss:0.8978537 t_sl_loss:
2.995715
8841 Epoch:552 batch_num:6 t_c_loss:1.1609249 t_sl_loss:
2.995715
8842 Epoch:552 batch_num:7 t_c_loss:1.1021913 t_sl_loss:
2.995715
8843 Epoch:552 batch_num:8 t_c_loss:1.1822991 t_sl_loss:
2.995715
8844 Epoch:552 batch_num:9 t_c_loss:1.0588439 t_sl_loss:
2.996805
8845 Epoch:552 batch_num:10 t_c_loss:0.82501996
t_sl_loss:2.995715
8846 Epoch:552 batch_num:11 t_c_loss:1.0444657 t_sl_loss
:2.995715
8847 Epoch:552 batch_num:12 t_c_loss:1.2739464 t_sl_loss
:2.995715
8848 Epoch:552 batch_num:13 t_c_loss:1.4094808 t_sl_loss
:-0.0
8849 epoch_num:552 accuracy_for_train:0.4559386973180077
8850 epoch_num:552 accuracy_for_test:0.3193916349809886
8851 Epoch:553 batch_num:0 t_c_loss:0.8091525 t_sl_loss:
2.995715
8852 Epoch:553 batch_num:1 t_c_loss:1.127254 t_sl_loss:2
```

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8852 .995715
8853 Epoch:553 batch_num:2 t_c_loss:1.0999922 t_sl_loss:
      2.995715
8854 Epoch:553 batch_num:3 t_c_loss:0.9140631 t_sl_loss:
      2.9957147
8855 Epoch:553 batch_num:4 t_c_loss:1.1295793 t_sl_loss:
      2.995715
8856 Epoch:553 batch_num:5 t_c_loss:1.035848 t_sl_loss:2
      .995715
8857 Epoch:553 batch_num:6 t_c_loss:1.0832498 t_sl_loss:
      2.995715
8858 Epoch:553 batch_num:7 t_c_loss:1.2382761 t_sl_loss:
      2.995715
8859 Epoch:553 batch_num:8 t_c_loss:1.1728432 t_sl_loss:
      2.995715
8860 Epoch:553 batch_num:9 t_c_loss:0.9665947 t_sl_loss:
      2.995715
8861 Epoch:553 batch_num:10 t_c_loss:1.3116356 t_sl_loss
      :2.995715
8862 Epoch:553 batch_num:11 t_c_loss:1.1308995 t_sl_loss
      :2.995715
8863 Epoch:553 batch_num:12 t_c_loss:1.2352756 t_sl_loss
      :2.995715
8864 Epoch:553 batch_num:13 t_c_loss:1.596908 t_sl_loss
      :-0.0
8865 epoch_num:553 accuracy_for_train:0.524904214559387
8866 epoch_num:553 accuracy_for_test:0.2965779467680608
8867 Epoch:554 batch_num:0 t_c_loss:0.9407793 t_sl_loss:
      2.995715
8868 Epoch:554 batch_num:1 t_c_loss:1.1879935 t_sl_loss:
      2.995715
8869 Epoch:554 batch_num:2 t_c_loss:0.87666017 t_sl_loss
      :2.995715
8870 Epoch:554 batch_num:3 t_c_loss:1.0770775 t_sl_loss:
      2.995715
8871 Epoch:554 batch_num:4 t_c_loss:1.2194988 t_sl_loss:
      2.995715
8872 Epoch:554 batch_num:5 t_c_loss:1.1896122 t_sl_loss:
      2.995715
8873 Epoch:554 batch_num:6 t_c_loss:0.9499666 t_sl_loss:
      2.995715
```

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8874 Epoch:554 batch_num:7 t_c_loss:1.2110913 t_sl_loss:
    2.995715
8875 Epoch:554 batch_num:8 t_c_loss:1.0924926 t_sl_loss:
    2.995715
8876 Epoch:554 batch_num:9 t_c_loss:1.0759647 t_sl_loss:
    2.995715
8877 Epoch:554 batch_num:10 t_c_loss:1.0697162 t_sl_loss
    :2.995715
8878 Epoch:554 batch_num:11 t_c_loss:0.9929781 t_sl_loss
    :2.995715
8879 Epoch:554 batch_num:12 t_c_loss:1.5552247 t_sl_loss
    :2.995715
8880 Epoch:554 batch_num:13 t_c_loss:1.6698129 t_sl_loss
    :-0.0
8881 epoch_num:554 accuracy_for_train:0.5134099616858238
8882 epoch_num:554 accuracy_for_test:0.30038022813688214
8883 Epoch:555 batch_num:0 t_c_loss:1.0275052 t_sl_loss:
    2.995715
8884 Epoch:555 batch_num:1 t_c_loss:0.8772786 t_sl_loss:
    2.995715
8885 Epoch:555 batch_num:2 t_c_loss:0.8650608 t_sl_loss:
    2.995715
8886 Epoch:555 batch_num:3 t_c_loss:1.1260278 t_sl_loss:
    2.995715
8887 Epoch:555 batch_num:4 t_c_loss:1.0881562 t_sl_loss:
    2.9957151
8888 Epoch:555 batch_num:5 t_c_loss:1.2399828 t_sl_loss:
    2.995715
8889 Epoch:555 batch_num:6 t_c_loss:1.2133946 t_sl_loss:
    2.995715
8890 Epoch:555 batch_num:7 t_c_loss:0.923144 t_sl_loss:2
    .995715
8891 Epoch:555 batch_num:8 t_c_loss:1.0970511 t_sl_loss:
    2.995715
8892 Epoch:555 batch_num:9 t_c_loss:1.0500861 t_sl_loss:
    2.995715
8893 Epoch:555 batch_num:10 t_c_loss:1.301419 t_sl_loss:
    2.995715
8894 Epoch:555 batch_num:11 t_c_loss:0.8605386 t_sl_loss
    :2.995715
8895 Epoch:555 batch_num:12 t_c_loss:1.1949368 t_sl_loss
```

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8895 :2.995715
8896 Epoch:555 batch_num:13 t_c_loss:1.4490925 t_sl_loss
      :-0.0
8897 epoch_num:555 accuracy_for_train:0.
      46360153256704983
8898 epoch_num:555 accuracy_for_test:0.311787072243346
8899 Epoch:556 batch_num:0 t_c_loss:0.9877294 t_sl_loss:
      2.995715
8900 Epoch:556 batch_num:1 t_c_loss:0.9397048 t_sl_loss:
      2.995715
8901 Epoch:556 batch_num:2 t_c_loss:1.0300411 t_sl_loss:
      2.9957151
8902 Epoch:556 batch_num:3 t_c_loss:1.1589768 t_sl_loss:
      2.9957156
8903 Epoch:556 batch_num:4 t_c_loss:0.9905494 t_sl_loss:
      2.995715
8904 Epoch:556 batch_num:5 t_c_loss:1.0503371 t_sl_loss:
      2.995715
8905 Epoch:556 batch_num:6 t_c_loss:1.1260974 t_sl_loss:
      2.995715
8906 Epoch:556 batch_num:7 t_c_loss:1.2314051 t_sl_loss:
      2.995715
8907 Epoch:556 batch_num:8 t_c_loss:0.824385 t_sl_loss:2
      .995715
8908 Epoch:556 batch_num:9 t_c_loss:0.93629324 t_sl_loss
      :2.995715
8909 Epoch:556 batch_num:10 t_c_loss:1.1238643 t_sl_loss
      :2.995715
8910 Epoch:556 batch_num:11 t_c_loss:1.1056029 t_sl_loss
      :2.995715
8911 Epoch:556 batch_num:12 t_c_loss:1.2469075 t_sl_loss
      :2.995715
8912 Epoch:556 batch_num:13 t_c_loss:1.9903277 t_sl_loss
      :-0.0
8913 epoch_num:556 accuracy_for_train:0.4559386973180077
8914 epoch_num:556 accuracy_for_test:0.33079847908745247
8915 Epoch:557 batch_num:0 t_c_loss:1.056452 t_sl_loss:2
      .995715
8916 Epoch:557 batch_num:1 t_c_loss:1.1987056 t_sl_loss:
      2.995715
8917 Epoch:557 batch_num:2 t_c_loss:1.0645959 t_sl_loss:
```

```
8917 2.995715
8918 Epoch:557 batch_num:3 t_c_loss:1.0518979 t_sl_loss:
      2.995715
8919 Epoch:557 batch_num:4 t_c_loss:0.76766986 t_sl_loss
      :2.995715
8920 Epoch:557 batch_num:5 t_c_loss:1.0269425 t_sl_loss:
      2.995715
8921 Epoch:557 batch_num:6 t_c_loss:1.0913932 t_sl_loss:
      2.995715
8922 Epoch:557 batch_num:7 t_c_loss:1.1116046 t_sl_loss:
      2.995715
8923 Epoch:557 batch_num:8 t_c_loss:0.94594634 t_sl_loss
      :2.995715
8924 Epoch:557 batch_num:9 t_c_loss:1.032328 t_sl_loss:2
      .995715
8925 Epoch:557 batch_num:10 t_c_loss:1.1600732 t_sl_loss
      :2.995715
8926 Epoch:557 batch_num:11 t_c_loss:1.2049387 t_sl_loss
      :2.995715
8927 Epoch:557 batch_num:12 t_c_loss:0.9911997 t_sl_loss
      :2.995715
8928 Epoch:557 batch_num:13 t_c_loss:1.4394746 t_sl_loss
      :-0.0
8929 epoch_num:557 accuracy_for_train:0.5210727969348659
8930 epoch_num:557 accuracy_for_test:0.3193916349809886
8931 Epoch:558 batch_num:0 t_c_loss:1.398487 t_sl_loss:2
      .995715
8932 Epoch:558 batch_num:1 t_c_loss:1.1127484 t_sl_loss:
      2.995715
8933 Epoch:558 batch_num:2 t_c_loss:1.1837966 t_sl_loss:
      2.995715
8934 Epoch:558 batch_num:3 t_c_loss:1.0001655 t_sl_loss:
      2.995715
8935 Epoch:558 batch_num:4 t_c_loss:0.9742076 t_sl_loss:
      2.995715
8936 Epoch:558 batch_num:5 t_c_loss:0.9009126 t_sl_loss:
      2.995715
8937 Epoch:558 batch_num:6 t_c_loss:1.1453305 t_sl_loss:
      2.995715
8938 Epoch:558 batch_num:7 t_c_loss:1.3529102 t_sl_loss:
      2.995715
```

```
8939 Epoch:558 batch_num:8 t_c_loss:1.114723 t_sl_loss:2
    .995715
8940 Epoch:558 batch_num:9 t_c_loss:1.0762078 t_sl_loss:
    2.995715
8941 Epoch:558 batch_num:10 t_c_loss:1.0085313 t_sl_loss
    :2.995715
8942 Epoch:558 batch_num:11 t_c_loss:1.051482 t_sl_loss:
    2.995715
8943 Epoch:558 batch_num:12 t_c_loss:0.91867477
    t_sl_loss:2.995715
8944 Epoch:558 batch_num:13 t_c_loss:1.2250258 t_sl_loss
    :-0.0
8945 epoch_num:558 accuracy_for_train:0.524904214559387
8946 epoch_num:558 accuracy_for_test:0.3193916349809886
8947 Epoch:559 batch_num:0 t_c_loss:1.1495146 t_sl_loss:
    2.995715
8948 Epoch:559 batch_num:1 t_c_loss:0.99492484 t_sl_loss
    :2.995715
8949 Epoch:559 batch_num:2 t_c_loss:0.9613615 t_sl_loss:
    2.995715
8950 Epoch:559 batch_num:3 t_c_loss:0.9978274 t_sl_loss:
    2.995715
8951 Epoch:559 batch_num:4 t_c_loss:1.1559508 t_sl_loss:
    2.9957147
8952 Epoch:559 batch_num:5 t_c_loss:1.0903435 t_sl_loss:
    2.995715
8953 Epoch:559 batch_num:6 t_c_loss:1.2078553 t_sl_loss:
    2.995715
8954 Epoch:559 batch_num:7 t_c_loss:1.019728 t_sl_loss:2
    .995715
8955 Epoch:559 batch_num:8 t_c_loss:1.0975 t_sl_loss:2.
    995715
8956 Epoch:559 batch_num:9 t_c_loss:1.0816215 t_sl_loss:
    2.995715
8957 Epoch:559 batch_num:10 t_c_loss:1.1680245 t_sl_loss
    :2.995715
8958 Epoch:559 batch_num:11 t_c_loss:1.1249073 t_sl_loss
    :2.995715
8959 Epoch:559 batch_num:12 t_c_loss:1.0659024 t_sl_loss
    :2.995715
8960 Epoch:559 batch_num:13 t_c_loss:1.5115236 t_sl_loss
```

```
8960 :-0.0
8961 epoch_num:559 accuracy_for_train:0.5172413793103449
8962 epoch_num:559 accuracy_for_test:0.33840304182509506
8963 Epoch:560 batch_num:0 t_c_loss:1.1878049 t_sl_loss:
    2.995715
8964 Epoch:560 batch_num:1 t_c_loss:1.1089076 t_sl_loss:
    2.995715
8965 Epoch:560 batch_num:2 t_c_loss:1.0145333 t_sl_loss:
    2.995715
8966 Epoch:560 batch_num:3 t_c_loss:1.0514034 t_sl_loss:
    2.995715
8967 Epoch:560 batch_num:4 t_c_loss:1.2620869 t_sl_loss:
    2.995715
8968 Epoch:560 batch_num:5 t_c_loss:1.1998352 t_sl_loss:
    2.995715
8969 Epoch:560 batch_num:6 t_c_loss:1.3169467 t_sl_loss:
    2.9957192
8970 Epoch:560 batch_num:7 t_c_loss:0.9652106 t_sl_loss:
    2.995715
8971 Epoch:560 batch_num:8 t_c_loss:0.9657922 t_sl_loss:
    2.995715
8972 Epoch:560 batch_num:9 t_c_loss:1.0756269 t_sl_loss:
    2.995715
8973 Epoch:560 batch_num:10 t_c_loss:0.94877064
    t_sl_loss:2.995715
8974 Epoch:560 batch_num:11 t_c_loss:1.1548262 t_sl_loss
    :2.995715
8975 Epoch:560 batch_num:12 t_c_loss:1.0362365 t_sl_loss
    :2.995715
8976 Epoch:560 batch_num:13 t_c_loss:0.64818954
    t_sl_loss:-0.0
8977 epoch_num:560 accuracy_for_train:0.5095785440613027
8978 epoch_num:560 accuracy_for_test:0.311787072243346
8979 Epoch:561 batch_num:0 t_c_loss:1.2096074 t_sl_loss:
    2.995715
8980 Epoch:561 batch_num:1 t_c_loss:1.0799835 t_sl_loss:
    2.995715
8981 Epoch:561 batch_num:2 t_c_loss:1.1659439 t_sl_loss:
    2.995715
8982 Epoch:561 batch_num:3 t_c_loss:1.1919897 t_sl_loss:
    2.995715
```

```
8983 Epoch:561 batch_num:4 t_c_loss:1.1320823 t_sl_loss:
    2.995715
8984 Epoch:561 batch_num:5 t_c_loss:0.974352 t_sl_loss:2
    .995715
8985 Epoch:561 batch_num:6 t_c_loss:0.77796423 t_sl_loss
    :2.995715
8986 Epoch:561 batch_num:7 t_c_loss:1.0584624 t_sl_loss:
    2.9958029
8987 Epoch:561 batch_num:8 t_c_loss:1.0587618 t_sl_loss:
    2.995715
8988 Epoch:561 batch_num:9 t_c_loss:1.2465992 t_sl_loss:
    2.995715
8989 Epoch:561 batch_num:10 t_c_loss:1.0309937 t_sl_loss
    :2.995715
8990 Epoch:561 batch_num:11 t_c_loss:1.1147583 t_sl_loss
    :2.9957144
8991 Epoch:561 batch_num:12 t_c_loss:0.94357604
    t_sl_loss:2.995715
8992 Epoch:561 batch_num:13 t_c_loss:1.1923507 t_sl_loss
    :-0.0
8993 epoch_num:561 accuracy_for_train:0.5172413793103449
8994 epoch_num:561 accuracy_for_test:0.30798479087452474
8995 Epoch:562 batch_num:0 t_c_loss:1.063382 t_sl_loss:2
    .995715
8996 Epoch:562 batch_num:1 t_c_loss:0.97216827 t_sl_loss
    :2.995715
8997 Epoch:562 batch_num:2 t_c_loss:1.0312512 t_sl_loss:
    2.995715
8998 Epoch:562 batch_num:3 t_c_loss:1.2744734 t_sl_loss:
    2.995715
8999 Epoch:562 batch_num:4 t_c_loss:1.2740984 t_sl_loss:
    2.995715
9000 Epoch:562 batch_num:5 t_c_loss:1.1279603 t_sl_loss:
    2.995715
9001 Epoch:562 batch_num:6 t_c_loss:1.0214515 t_sl_loss:
    2.996043
9002 Epoch:562 batch_num:7 t_c_loss:1.1620024 t_sl_loss:
    2.9957147
9003 Epoch:562 batch_num:8 t_c_loss:1.0377266 t_sl_loss:
    2.9957151
9004 Epoch:562 batch_num:9 t_c_loss:1.2071375 t_sl_loss:
```



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9004 2.995715
9005 Epoch:562 batch_num:10 t_c_loss:0.97036856
    t_sl_loss:2.995715
9006 Epoch:562 batch_num:11 t_c_loss:0.98934376
    t_sl_loss:2.995715
9007 Epoch:562 batch_num:12 t_c_loss:1.0976269 t_sl_loss
    :2.995715
9008 Epoch:562 batch_num:13 t_c_loss:1.2632262 t_sl_loss
    :-0.0
9009 epoch_num:562 accuracy_for_train:0.5172413793103449
9010 epoch_num:562 accuracy_for_test:0.3041825095057034
9011 Epoch:563 batch_num:0 t_c_loss:1.1070594 t_sl_loss:
    2.9958344
9012 Epoch:563 batch_num:1 t_c_loss:1.278257 t_sl_loss:2
    .995715
9013 Epoch:563 batch_num:2 t_c_loss:0.94663703 t_sl_loss
    :2.995715
9014 Epoch:563 batch_num:3 t_c_loss:0.882436 t_sl_loss:2
    .995715
9015 Epoch:563 batch_num:4 t_c_loss:1.2089322 t_sl_loss:
    2.995715
9016 Epoch:563 batch_num:5 t_c_loss:1.0261213 t_sl_loss:
    2.995715
9017 Epoch:563 batch_num:6 t_c_loss:1.1266823 t_sl_loss:
    2.9957151
9018 Epoch:563 batch_num:7 t_c_loss:1.1348634 t_sl_loss:
    2.995715
9019 Epoch:563 batch_num:8 t_c_loss:0.97588396 t_sl_loss
    :2.995715
9020 Epoch:563 batch_num:9 t_c_loss:0.9907284 t_sl_loss:
    2.995715
9021 Epoch:563 batch_num:10 t_c_loss:1.0309837 t_sl_loss
    :2.9957147
9022 Epoch:563 batch_num:11 t_c_loss:0.85658944
    t_sl_loss:2.995715
9023 Epoch:563 batch_num:12 t_c_loss:1.3391271 t_sl_loss
    :2.995715
9024 Epoch:563 batch_num:13 t_c_loss:1.4362488 t_sl_loss
    :-0.0
9025 epoch_num:563 accuracy_for_train:0.5134099616858238
9026 epoch_num:563 accuracy_for_test:0.3041825095057034
```

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9027 Epoch:564 batch_num:0 t_c_loss:1.1943338 t_sl_loss:
    2.995715
9028 Epoch:564 batch_num:1 t_c_loss:0.90336335 t_sl_loss
    :2.995715
9029 Epoch:564 batch_num:2 t_c_loss:1.1416873 t_sl_loss:
    2.995715
9030 Epoch:564 batch_num:3 t_c_loss:1.1059741 t_sl_loss:
    2.995715
9031 Epoch:564 batch_num:4 t_c_loss:1.0841327 t_sl_loss:
    2.995715
9032 Epoch:564 batch_num:5 t_c_loss:1.1624316 t_sl_loss:
    2.995715
9033 Epoch:564 batch_num:6 t_c_loss:0.8282577 t_sl_loss:
    2.995715
9034 Epoch:564 batch_num:7 t_c_loss:0.99532235 t_sl_loss
    :2.995715
9035 Epoch:564 batch_num:8 t_c_loss:1.1595099 t_sl_loss:
    2.995715
9036 Epoch:564 batch_num:9 t_c_loss:1.1673435 t_sl_loss:
    2.995715
9037 Epoch:564 batch_num:10 t_c_loss:1.0503671 t_sl_loss
    :2.995715
9038 Epoch:564 batch_num:11 t_c_loss:0.9644331 t_sl_loss
    :2.995715
9039 Epoch:564 batch_num:12 t_c_loss:1.116588 t_sl_loss:
    2.995715
9040 Epoch:564 batch_num:13 t_c_loss:1.4122579 t_sl_loss
    :-0.0
9041 epoch_num:564 accuracy_for_train:0.5095785440613027
9042 epoch_num:564 accuracy_for_test:0.311787072243346
9043 Epoch:565 batch_num:0 t_c_loss:1.0010064 t_sl_loss:
    2.995715
9044 Epoch:565 batch_num:1 t_c_loss:1.0735751 t_sl_loss:
    2.995715
9045 Epoch:565 batch_num:2 t_c_loss:1.0538999 t_sl_loss:
    2.995715
9046 Epoch:565 batch_num:3 t_c_loss:1.1612998 t_sl_loss:
    2.995715
9047 Epoch:565 batch_num:4 t_c_loss:0.9715756 t_sl_loss:
    2.995715
9048 Epoch:565 batch_num:5 t_c_loss:1.1776087 t_sl_loss:
```

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9048 2.995715
9049 Epoch:565 batch_num:6 t_c_loss:1.2253344 t_sl_loss:
    2.995715
9050 Epoch:565 batch_num:7 t_c_loss:0.95146006 t_sl_loss
    :2.995715
9051 Epoch:565 batch_num:8 t_c_loss:1.1539233 t_sl_loss:
    2.995715
9052 Epoch:565 batch_num:9 t_c_loss:1.1585988 t_sl_loss:
    2.995715
9053 Epoch:565 batch_num:10 t_c_loss:1.0577289 t_sl_loss
    :2.995715
9054 Epoch:565 batch_num:11 t_c_loss:1.2021147 t_sl_loss
    :2.995715
9055 Epoch:565 batch_num:12 t_c_loss:1.0727416 t_sl_loss
    :2.995715
9056 Epoch:565 batch_num:13 t_c_loss:1.6573476 t_sl_loss
    :-0.0
9057 epoch_num:565 accuracy_for_train:0.5134099616858238
9058 epoch_num:565 accuracy_for_test:0.30798479087452474
9059 Epoch:566 batch_num:0 t_c_loss:1.0508568 t_sl_loss:
    2.995715
9060 Epoch:566 batch_num:1 t_c_loss:1.0100462 t_sl_loss:
    2.995715
9061 Epoch:566 batch_num:2 t_c_loss:1.0884492 t_sl_loss:
    2.995715
9062 Epoch:566 batch_num:3 t_c_loss:0.97101563 t_sl_loss
    :2.995715
9063 Epoch:566 batch_num:4 t_c_loss:1.1748676 t_sl_loss:
    2.995715
9064 Epoch:566 batch_num:5 t_c_loss:0.8747773 t_sl_loss:
    2.995715
9065 Epoch:566 batch_num:6 t_c_loss:1.0405283 t_sl_loss:
    2.995715
9066 Epoch:566 batch_num:7 t_c_loss:1.1580696 t_sl_loss:
    2.995715
9067 Epoch:566 batch_num:8 t_c_loss:1.0424361 t_sl_loss:
    2.995715
9068 Epoch:566 batch_num:9 t_c_loss:0.98465234 t_sl_loss
    :2.995715
9069 Epoch:566 batch_num:10 t_c_loss:0.8388802 t_sl_loss
    :2.995715
```

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9070 Epoch:566 batch_num:11 t_c_loss:1.3476766 t_sl_loss
:2.995715
9071 Epoch:566 batch_num:12 t_c_loss:1.1247904 t_sl_loss
:2.995715
9072 Epoch:566 batch_num:13 t_c_loss:1.2513481 t_sl_loss
:-0.0
9073 epoch_num:566 accuracy_for_train:0.
47509578544061304
9074 epoch_num:566 accuracy_for_test:0.33079847908745247
9075 Epoch:567 batch_num:0 t_c_loss:1.1377475 t_sl_loss:
2.995715
9076 Epoch:567 batch_num:1 t_c_loss:0.9948322 t_sl_loss:
2.995715
9077 Epoch:567 batch_num:2 t_c_loss:1.0316727 t_sl_loss:
2.995715
9078 Epoch:567 batch_num:3 t_c_loss:1.1472927 t_sl_loss:
2.995715
9079 Epoch:567 batch_num:4 t_c_loss:1.0082972 t_sl_loss:
2.995715
9080 Epoch:567 batch_num:5 t_c_loss:1.0254008 t_sl_loss:
2.995715
9081 Epoch:567 batch_num:6 t_c_loss:1.1206634 t_sl_loss:
2.995715
9082 Epoch:567 batch_num:7 t_c_loss:1.0261029 t_sl_loss:
2.995715
9083 Epoch:567 batch_num:8 t_c_loss:1.2417232 t_sl_loss:
2.995715
9084 Epoch:567 batch_num:9 t_c_loss:1.0202944 t_sl_loss:
2.995715
9085 Epoch:567 batch_num:10 t_c_loss:1.0559729 t_sl_loss
:2.995715
9086 Epoch:567 batch_num:11 t_c_loss:0.8884947 t_sl_loss
:2.995715
9087 Epoch:567 batch_num:12 t_c_loss:1.0080062 t_sl_loss
:2.995715
9088 Epoch:567 batch_num:13 t_c_loss:1.6755142 t_sl_loss
:-0.0
9089 epoch_num:567 accuracy_for_train:0.524904214559387
9090 epoch_num:567 accuracy_for_test:0.30798479087452474
9091 Epoch:568 batch_num:0 t_c_loss:1.4647727 t_sl_loss:
2.995715
```

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9092 Epoch:568 batch_num:1 t_c_loss:1.0363072 t_sl_loss:
    2.995715
9093 Epoch:568 batch_num:2 t_c_loss:0.94920206 t_sl_loss
    :2.995715
9094 Epoch:568 batch_num:3 t_c_loss:1.183395 t_sl_loss:2
    .995715
9095 Epoch:568 batch_num:4 t_c_loss:1.108659 t_sl_loss:2
    .995715
9096 Epoch:568 batch_num:5 t_c_loss:1.1854395 t_sl_loss:
    2.995715
9097 Epoch:568 batch_num:6 t_c_loss:0.89596355 t_sl_loss
    :2.995715
9098 Epoch:568 batch_num:7 t_c_loss:0.9372309 t_sl_loss:
    2.995715
9099 Epoch:568 batch_num:8 t_c_loss:0.90629405 t_sl_loss
    :2.9957151
9100 Epoch:568 batch_num:9 t_c_loss:1.2060287 t_sl_loss:
    2.995715
9101 Epoch:568 batch_num:10 t_c_loss:1.106385 t_sl_loss:
    2.995715
9102 Epoch:568 batch_num:11 t_c_loss:1.1068873 t_sl_loss
    :2.995715
9103 Epoch:568 batch_num:12 t_c_loss:0.99283963
    t_sl_loss:2.995715
9104 Epoch:568 batch_num:13 t_c_loss:1.2710322 t_sl_loss
    :-0.0
9105 epoch_num:568 accuracy_for_train:0.5287356321839081
9106 epoch_num:568 accuracy_for_test:0.30798479087452474
9107 Epoch:569 batch_num:0 t_c_loss:1.1329688 t_sl_loss:
    2.995715
9108 Epoch:569 batch_num:1 t_c_loss:1.1503618 t_sl_loss:
    2.995715
9109 Epoch:569 batch_num:2 t_c_loss:0.93725777 t_sl_loss
    :2.995715
9110 Epoch:569 batch_num:3 t_c_loss:1.1819766 t_sl_loss:
    2.995715
9111 Epoch:569 batch_num:4 t_c_loss:1.0848142 t_sl_loss:
    2.995715
9112 Epoch:569 batch_num:5 t_c_loss:1.1469524 t_sl_loss:
    2.995715
9113 Epoch:569 batch_num:6 t_c_loss:1.0045079 t_sl_loss:
```

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9113 2.995715
9114 Epoch:569 batch_num:7 t_c_loss:0.94150937 t_sl_loss
:2.995715
9115 Epoch:569 batch_num:8 t_c_loss:1.2794685 t_sl_loss:
2.995715
9116 Epoch:569 batch_num:9 t_c_loss:1.2173326 t_sl_loss:
2.995715
9117 Epoch:569 batch_num:10 t_c_loss:0.8796091 t_sl_loss
:2.995715
9118 Epoch:569 batch_num:11 t_c_loss:0.74421245
t_sl_loss:2.995715
9119 Epoch:569 batch_num:12 t_c_loss:1.1465486 t_sl_loss
:2.995715
9120 Epoch:569 batch_num:13 t_c_loss:1.1935319 t_sl_loss
:-0.0
9121 epoch_num:569 accuracy_for_train:0.5019157088122606
9122 epoch_num:569 accuracy_for_test:0.3269961977186312
9123 Epoch:570 batch_num:0 t_c_loss:0.957868 t_sl_loss:2
.995715
9124 Epoch:570 batch_num:1 t_c_loss:1.0285072 t_sl_loss:
2.995715
9125 Epoch:570 batch_num:2 t_c_loss:1.0180403 t_sl_loss:
2.995715
9126 Epoch:570 batch_num:3 t_c_loss:1.0850196 t_sl_loss:
2.995715
9127 Epoch:570 batch_num:4 t_c_loss:1.1318865 t_sl_loss:
2.995715
9128 Epoch:570 batch_num:5 t_c_loss:1.1786072 t_sl_loss:
2.995715
9129 Epoch:570 batch_num:6 t_c_loss:0.8681881 t_sl_loss:
2.995715
9130 Epoch:570 batch_num:7 t_c_loss:0.9467987 t_sl_loss:
2.995715
9131 Epoch:570 batch_num:8 t_c_loss:1.1605844 t_sl_loss:
2.995715
9132 Epoch:570 batch_num:9 t_c_loss:1.0960381 t_sl_loss:
2.995715
9133 Epoch:570 batch_num:10 t_c_loss:1.1845949 t_sl_loss
:2.995715
9134 Epoch:570 batch_num:11 t_c_loss:1.0809779 t_sl_loss
:2.9957151
```

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9135 Epoch:570 batch_num:12 t_c_loss:1.0426855 t_sl_loss
:2.995715
9136 Epoch:570 batch_num:13 t_c_loss:1.2767541 t_sl_loss
:-0.0
9137 epoch_num:570 accuracy_for_train:0.5134099616858238
9138 epoch_num:570 accuracy_for_test:0.311787072243346
9139 Epoch:571 batch_num:0 t_c_loss:1.1808742 t_sl_loss:
2.995715
9140 Epoch:571 batch_num:1 t_c_loss:0.93768054 t_sl_loss
:2.995715
9141 Epoch:571 batch_num:2 t_c_loss:0.8671433 t_sl_loss:
2.995715
9142 Epoch:571 batch_num:3 t_c_loss:0.93203 t_sl_loss:2.
995715
9143 Epoch:571 batch_num:4 t_c_loss:1.0611609 t_sl_loss:
2.995715
9144 Epoch:571 batch_num:5 t_c_loss:1.134874 t_sl_loss:2
.995715
9145 Epoch:571 batch_num:6 t_c_loss:1.0958402 t_sl_loss:
2.995715
9146 Epoch:571 batch_num:7 t_c_loss:1.052082 t_sl_loss:2
.995715
9147 Epoch:571 batch_num:8 t_c_loss:1.0870583 t_sl_loss:
2.995715
9148 Epoch:571 batch_num:9 t_c_loss:1.2575642 t_sl_loss:
2.995715
9149 Epoch:571 batch_num:10 t_c_loss:1.0654377 t_sl_loss
:2.995715
9150 Epoch:571 batch_num:11 t_c_loss:1.0993241 t_sl_loss
:2.995715
9151 Epoch:571 batch_num:12 t_c_loss:1.4068707 t_sl_loss
:2.995715
9152 Epoch:571 batch_num:13 t_c_loss:1.7099605 t_sl_loss
:-0.0
9153 epoch_num:571 accuracy_for_train:0.5095785440613027
9154 epoch_num:571 accuracy_for_test:0.33079847908745247
9155 Epoch:572 batch_num:0 t_c_loss:1.4805118 t_sl_loss:
2.995715
9156 Epoch:572 batch_num:1 t_c_loss:1.1424156 t_sl_loss:
2.9957147
9157 Epoch:572 batch_num:2 t_c_loss:0.9822935 t_sl_loss:
```

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9157 2.995715
9158 Epoch:572 batch_num:3 t_c_loss:0.95468074 t_sl_loss
:2.995715
9159 Epoch:572 batch_num:4 t_c_loss:1.0246948 t_sl_loss:
2.995715
9160 Epoch:572 batch_num:5 t_c_loss:1.0312952 t_sl_loss:
2.995715
9161 Epoch:572 batch_num:6 t_c_loss:1.3862503 t_sl_loss:
2.995715
9162 Epoch:572 batch_num:7 t_c_loss:1.1804578 t_sl_loss:
2.995715
9163 Epoch:572 batch_num:8 t_c_loss:1.1222676 t_sl_loss:
2.995715
9164 Epoch:572 batch_num:9 t_c_loss:1.1482668 t_sl_loss:
2.9957142
9165 Epoch:572 batch_num:10 t_c_loss:1.0795751 t_sl_loss
:2.995715
9166 Epoch:572 batch_num:11 t_c_loss:1.0674071 t_sl_loss
:2.995715
9167 Epoch:572 batch_num:12 t_c_loss:0.93912446
t_sl_loss:2.995715
9168 Epoch:572 batch_num:13 t_c_loss:1.4188104 t_sl_loss
:-0.0
9169 epoch_num:572 accuracy_for_train:0.4674329501915709
9170 epoch_num:572 accuracy_for_test:0.3193916349809886
9171 Epoch:573 batch_num:0 t_c_loss:1.1612685 t_sl_loss:
2.995715
9172 Epoch:573 batch_num:1 t_c_loss:1.0862386 t_sl_loss:
2.995715
9173 Epoch:573 batch_num:2 t_c_loss:1.0546302 t_sl_loss:
2.995715
9174 Epoch:573 batch_num:3 t_c_loss:1.1556613 t_sl_loss:
2.995715
9175 Epoch:573 batch_num:4 t_c_loss:1.0236933 t_sl_loss:
2.995715
9176 Epoch:573 batch_num:5 t_c_loss:1.0356497 t_sl_loss:
2.995715
9177 Epoch:573 batch_num:6 t_c_loss:0.94310415 t_sl_loss
:2.995715
9178 Epoch:573 batch_num:7 t_c_loss:1.2054876 t_sl_loss:
2.9957151
```



```
9179 Epoch:573 batch_num:8 t_c_loss:1.1732603 t_sl_loss:
    2.995715
9180 Epoch:573 batch_num:9 t_c_loss:0.99635315 t_sl_loss
    :2.995715
9181 Epoch:573 batch_num:10 t_c_loss:1.0282027 t_sl_loss
    :2.995715
9182 Epoch:573 batch_num:11 t_c_loss:1.3351437 t_sl_loss
    :2.9959922
9183 Epoch:573 batch_num:12 t_c_loss:0.9728705 t_sl_loss
    :2.995715
9184 Epoch:573 batch_num:13 t_c_loss:1.4698961 t_sl_loss
    :-0.0
9185 epoch_num:573 accuracy_for_train:0.5019157088122606
9186 epoch_num:573 accuracy_for_test:0.3269961977186312
9187 Epoch:574 batch_num:0 t_c_loss:1.0592988 t_sl_loss:
    2.995715
9188 Epoch:574 batch_num:1 t_c_loss:1.1249317 t_sl_loss:
    2.995715
9189 Epoch:574 batch_num:2 t_c_loss:1.1222279 t_sl_loss:
    2.9969637
9190 Epoch:574 batch_num:3 t_c_loss:1.1279609 t_sl_loss:
    2.995715
9191 Epoch:574 batch_num:4 t_c_loss:1.1887951 t_sl_loss:
    2.995715
9192 Epoch:574 batch_num:5 t_c_loss:0.9731902 t_sl_loss:
    2.995715
9193 Epoch:574 batch_num:6 t_c_loss:1.0315582 t_sl_loss:
    2.9957151
9194 Epoch:574 batch_num:7 t_c_loss:1.0602751 t_sl_loss:
    2.995715
9195 Epoch:574 batch_num:8 t_c_loss:0.82299775 t_sl_loss
    :2.995715
9196 Epoch:574 batch_num:9 t_c_loss:1.1683972 t_sl_loss:
    2.995715
9197 Epoch:574 batch_num:10 t_c_loss:0.8556145 t_sl_loss
    :2.995715
9198 Epoch:574 batch_num:11 t_c_loss:1.3686488 t_sl_loss
    :2.995715
9199 Epoch:574 batch_num:12 t_c_loss:1.1016399 t_sl_loss
    :2.995715
9200 Epoch:574 batch_num:13 t_c_loss:1.5589069 t_sl_loss
```

```
9200 :-0.0
9201 epoch_num:574 accuracy_for_train:0.
    49808429118773945
9202 epoch_num:574 accuracy_for_test:0.33460076045627374
9203 Epoch:575 batch_num:0 t_c_loss:1.0710319 t_sl_loss:
    2.995715
9204 Epoch:575 batch_num:1 t_c_loss:0.9951602 t_sl_loss:
    2.995715
9205 Epoch:575 batch_num:2 t_c_loss:1.1002189 t_sl_loss:
    2.995715
9206 Epoch:575 batch_num:3 t_c_loss:1.0676484 t_sl_loss:
    2.995715
9207 Epoch:575 batch_num:4 t_c_loss:1.1062917 t_sl_loss:
    2.995715
9208 Epoch:575 batch_num:5 t_c_loss:1.0986736 t_sl_loss:
    2.995715
9209 Epoch:575 batch_num:6 t_c_loss:1.0649899 t_sl_loss:
    2.995715
9210 Epoch:575 batch_num:7 t_c_loss:1.1676953 t_sl_loss:
    2.995715
9211 Epoch:575 batch_num:8 t_c_loss:1.0231558 t_sl_loss:
    2.995715
9212 Epoch:575 batch_num:9 t_c_loss:0.8820804 t_sl_loss:
    2.995715
9213 Epoch:575 batch_num:10 t_c_loss:1.0601895 t_sl_loss
    :2.995715
9214 Epoch:575 batch_num:11 t_c_loss:1.138503 t_sl_loss:
    2.995715
9215 Epoch:575 batch_num:12 t_c_loss:1.0506685 t_sl_loss
    :2.995715
9216 Epoch:575 batch_num:13 t_c_loss:1.1759497 t_sl_loss
    :-0.0
9217 epoch_num:575 accuracy_for_train:0.5057471264367817
9218 epoch_num:575 accuracy_for_test:0.33079847908745247
9219 Epoch:576 batch_num:0 t_c_loss:1.2459333 t_sl_loss:
    2.995715
9220 Epoch:576 batch_num:1 t_c_loss:1.1268847 t_sl_loss:
    2.995715
9221 Epoch:576 batch_num:2 t_c_loss:1.043308 t_sl_loss:2
    .995715
9222 Epoch:576 batch_num:3 t_c_loss:1.1118181 t_sl_loss:
```

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9222 2.995715
9223 Epoch:576 batch_num:4 t_c_loss:1.0074718 t_sl_loss:
    2.995715
9224 Epoch:576 batch_num:5 t_c_loss:1.1341162 t_sl_loss:
    2.995715
9225 Epoch:576 batch_num:6 t_c_loss:1.0848877 t_sl_loss:
    2.995715
9226 Epoch:576 batch_num:7 t_c_loss:0.91155636 t_sl_loss
    :2.995715
9227 Epoch:576 batch_num:8 t_c_loss:1.1296073 t_sl_loss:
    2.995715
9228 Epoch:576 batch_num:9 t_c_loss:0.9986327 t_sl_loss:
    2.995715
9229 Epoch:576 batch_num:10 t_c_loss:1.1458751 t_sl_loss
    :2.995715
9230 Epoch:576 batch_num:11 t_c_loss:1.0071795 t_sl_loss
    :2.995715
9231 Epoch:576 batch_num:12 t_c_loss:1.0792769 t_sl_loss
    :2.995715
9232 Epoch:576 batch_num:13 t_c_loss:1.2128736 t_sl_loss
    :-0.0
9233 epoch_num:576 accuracy_for_train:0.5210727969348659
9234 epoch_num:576 accuracy_for_test:0.3155893536121673
9235 Epoch:577 batch_num:0 t_c_loss:1.3917842 t_sl_loss:
    2.995715
9236 Epoch:577 batch_num:1 t_c_loss:1.0941133 t_sl_loss:
    2.995715
9237 Epoch:577 batch_num:2 t_c_loss:0.9664303 t_sl_loss:
    2.995715
9238 Epoch:577 batch_num:3 t_c_loss:1.2559645 t_sl_loss:
    2.995715
9239 Epoch:577 batch_num:4 t_c_loss:0.85692483 t_sl_loss
    :2.995715
9240 Epoch:577 batch_num:5 t_c_loss:1.2042611 t_sl_loss:
    2.995715
9241 Epoch:577 batch_num:6 t_c_loss:0.9493306 t_sl_loss:
    2.995715
9242 Epoch:577 batch_num:7 t_c_loss:1.0387716 t_sl_loss:
    2.995715
9243 Epoch:577 batch_num:8 t_c_loss:1.0020692 t_sl_loss:
    2.995715
```

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9244 Epoch:577 batch_num:9 t_c_loss:1.3112887 t_sl_loss:
    2.995715
9245 Epoch:577 batch_num:10 t_c_loss:0.9920188 t_sl_loss
    :2.9957144
9246 Epoch:577 batch_num:11 t_c_loss:1.0777458 t_sl_loss
    :2.995715
9247 Epoch:577 batch_num:12 t_c_loss:0.9198941 t_sl_loss
    :2.995715
9248 Epoch:577 batch_num:13 t_c_loss:1.1088533 t_sl_loss
    :-0.0
9249 epoch_num:577 accuracy_for_train:0.5057471264367817
9250 epoch_num:577 accuracy_for_test:0.33079847908745247
9251 Epoch:578 batch_num:0 t_c_loss:1.2266825 t_sl_loss:
    2.995715
9252 Epoch:578 batch_num:1 t_c_loss:0.7823362 t_sl_loss:
    2.995715
9253 Epoch:578 batch_num:2 t_c_loss:1.0268829 t_sl_loss:
    2.995715
9254 Epoch:578 batch_num:3 t_c_loss:1.3735411 t_sl_loss:
    2.995715
9255 Epoch:578 batch_num:4 t_c_loss:0.9119951 t_sl_loss:
    2.995715
9256 Epoch:578 batch_num:5 t_c_loss:0.85325 t_sl_loss:2.
    995715
9257 Epoch:578 batch_num:6 t_c_loss:1.1633915 t_sl_loss:
    2.995715
9258 Epoch:578 batch_num:7 t_c_loss:0.882346 t_sl_loss:2
    .995715
9259 Epoch:578 batch_num:8 t_c_loss:1.3962902 t_sl_loss:
    2.995715
9260 Epoch:578 batch_num:9 t_c_loss:1.0455053 t_sl_loss:
    2.995715
9261 Epoch:578 batch_num:10 t_c_loss:1.1586256 t_sl_loss
    :2.995715
9262 Epoch:578 batch_num:11 t_c_loss:1.0903723 t_sl_loss
    :2.995715
9263 Epoch:578 batch_num:12 t_c_loss:0.9765549 t_sl_loss
    :2.9957142
9264 Epoch:578 batch_num:13 t_c_loss:1.1247003 t_sl_loss
    :-0.0
9265 epoch_num:578 accuracy_for_train:0.5134099616858238
```

```
9266 epoch_num:578 accuracy_for_test:0.311787072243346
9267 Epoch:579 batch_num:0 t_c_loss:0.9991845 t_sl_loss:
    2.995715
9268 Epoch:579 batch_num:1 t_c_loss:1.1141772 t_sl_loss:
    2.995715
9269 Epoch:579 batch_num:2 t_c_loss:1.2882094 t_sl_loss:
    2.995715
9270 Epoch:579 batch_num:3 t_c_loss:0.8700856 t_sl_loss:
    2.995715
9271 Epoch:579 batch_num:4 t_c_loss:1.1852267 t_sl_loss:
    2.995715
9272 Epoch:579 batch_num:5 t_c_loss:0.8916234 t_sl_loss:
    2.995715
9273 Epoch:579 batch_num:6 t_c_loss:1.114538 t_sl_loss:2
    .995715
9274 Epoch:579 batch_num:7 t_c_loss:0.9720615 t_sl_loss:
    2.995715
9275 Epoch:579 batch_num:8 t_c_loss:1.0666564 t_sl_loss:
    2.995715
9276 Epoch:579 batch_num:9 t_c_loss:1.1259656 t_sl_loss:
    2.995715
9277 Epoch:579 batch_num:10 t_c_loss:1.0302145 t_sl_loss
    :2.995715
9278 Epoch:579 batch_num:11 t_c_loss:1.2808124 t_sl_loss
    :2.995715
9279 Epoch:579 batch_num:12 t_c_loss:1.4353979 t_sl_loss
    :2.995715
9280 Epoch:579 batch_num:13 t_c_loss:1.3019934 t_sl_loss
    :-0.0
9281 epoch_num:579 accuracy_for_train:0.5210727969348659
9282 epoch_num:579 accuracy_for_test:0.30798479087452474
9283 Epoch:580 batch_num:0 t_c_loss:0.9211693 t_sl_loss:
    2.995715
9284 Epoch:580 batch_num:1 t_c_loss:0.9844176 t_sl_loss:
    2.995715
9285 Epoch:580 batch_num:2 t_c_loss:1.0872561 t_sl_loss:
    2.995715
9286 Epoch:580 batch_num:3 t_c_loss:1.1826277 t_sl_loss:
    2.995715
9287 Epoch:580 batch_num:4 t_c_loss:1.1832951 t_sl_loss:
    2.995715
```

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9288 Epoch:580 batch_num:5 t_c_loss:1.0621717 t_sl_loss:
    2.995715
9289 Epoch:580 batch_num:6 t_c_loss:1.1368687 t_sl_loss:
    2.995715
9290 Epoch:580 batch_num:7 t_c_loss:1.0935581 t_sl_loss:
    2.995715
9291 Epoch:580 batch_num:8 t_c_loss:1.030086 t_sl_loss:2
    .995715
9292 Epoch:580 batch_num:9 t_c_loss:1.0296056 t_sl_loss:
    2.995715
9293 Epoch:580 batch_num:10 t_c_loss:1.3181199 t_sl_loss
    :2.995715
9294 Epoch:580 batch_num:11 t_c_loss:1.4594707 t_sl_loss
    :2.995715
9295 Epoch:580 batch_num:12 t_c_loss:0.9126856 t_sl_loss
    :2.995715
9296 Epoch:580 batch_num:13 t_c_loss:1.3006934 t_sl_loss
    :-0.0
9297 epoch_num:580 accuracy_for_train:0.5019157088122606
9298 epoch_num:580 accuracy_for_test:0.2965779467680608
9299 Epoch:581 batch_num:0 t_c_loss:1.2186809 t_sl_loss:
    2.995715
9300 Epoch:581 batch_num:1 t_c_loss:1.0864885 t_sl_loss:
    2.995715
9301 Epoch:581 batch_num:2 t_c_loss:0.97454274 t_sl_loss
    :2.995715
9302 Epoch:581 batch_num:3 t_c_loss:1.3154967 t_sl_loss:
    2.995715
9303 Epoch:581 batch_num:4 t_c_loss:1.1931498 t_sl_loss:
    2.995715
9304 Epoch:581 batch_num:5 t_c_loss:1.0774438 t_sl_loss:
    2.995715
9305 Epoch:581 batch_num:6 t_c_loss:1.1136736 t_sl_loss:
    2.995715
9306 Epoch:581 batch_num:7 t_c_loss:1.0001491 t_sl_loss:
    2.995715
9307 Epoch:581 batch_num:8 t_c_loss:1.14742 t_sl_loss:2.
    995715
9308 Epoch:581 batch_num:9 t_c_loss:0.9961178 t_sl_loss:
    2.995715
9309 Epoch:581 batch_num:10 t_c_loss:1.0286659 t_sl_loss
```

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9309 :2.995715
9310 Epoch:581 batch_num:11 t_c_loss:1.0224158 t_sl_loss
    :2.995715
9311 Epoch:581 batch_num:12 t_c_loss:1.2219656 t_sl_loss
    :2.995715
9312 Epoch:581 batch_num:13 t_c_loss:1.250119 t_sl_loss
    :-0.0
9313 epoch_num:581 accuracy_for_train:0.
    48659003831417624
9314 epoch_num:581 accuracy_for_test:0.33079847908745247
9315 Epoch:582 batch_num:0 t_c_loss:0.95739 t_sl_loss:2.
    9957147
9316 Epoch:582 batch_num:1 t_c_loss:1.1844988 t_sl_loss:
    2.995715
9317 Epoch:582 batch_num:2 t_c_loss:1.1386615 t_sl_loss:
    2.995715
9318 Epoch:582 batch_num:3 t_c_loss:1.1378928 t_sl_loss:
    2.995715
9319 Epoch:582 batch_num:4 t_c_loss:1.2826744 t_sl_loss:
    2.995715
9320 Epoch:582 batch_num:5 t_c_loss:1.0186034 t_sl_loss:
    2.995715
9321 Epoch:582 batch_num:6 t_c_loss:0.98049176 t_sl_loss
    :2.995715
9322 Epoch:582 batch_num:7 t_c_loss:1.2810671 t_sl_loss:
    2.995715
9323 Epoch:582 batch_num:8 t_c_loss:1.0035058 t_sl_loss:
    2.995715
9324 Epoch:582 batch_num:9 t_c_loss:1.1732576 t_sl_loss:
    2.995715
9325 Epoch:582 batch_num:10 t_c_loss:0.96254015
    t_sl_loss:2.995715
9326 Epoch:582 batch_num:11 t_c_loss:1.0679358 t_sl_loss
    :2.995715
9327 Epoch:582 batch_num:12 t_c_loss:0.93720376
    t_sl_loss:2.995715
9328 Epoch:582 batch_num:13 t_c_loss:1.7837853 t_sl_loss
    :-0.0
9329 epoch_num:582 accuracy_for_train:0.
    45977011494252873
9330 epoch_num:582 accuracy_for_test:0.3269961977186312
```

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9331 Epoch:583 batch_num:0 t_c_loss:0.9991932 t_sl_loss:
    2.995715
9332 Epoch:583 batch_num:1 t_c_loss:1.1509591 t_sl_loss:
    2.995715
9333 Epoch:583 batch_num:2 t_c_loss:1.1396513 t_sl_loss:
    2.995715
9334 Epoch:583 batch_num:3 t_c_loss:0.9419551 t_sl_loss:
    2.995715
9335 Epoch:583 batch_num:4 t_c_loss:1.0088055 t_sl_loss:
    2.995715
9336 Epoch:583 batch_num:5 t_c_loss:1.1683054 t_sl_loss:
    2.995715
9337 Epoch:583 batch_num:6 t_c_loss:1.1354173 t_sl_loss:
    2.995715
9338 Epoch:583 batch_num:7 t_c_loss:1.2505561 t_sl_loss:
    2.995715
9339 Epoch:583 batch_num:8 t_c_loss:0.8600523 t_sl_loss:
    2.995715
9340 Epoch:583 batch_num:9 t_c_loss:0.9941057 t_sl_loss:
    2.995715
9341 Epoch:583 batch_num:10 t_c_loss:1.2327263 t_sl_loss
    :2.995715
9342 Epoch:583 batch_num:11 t_c_loss:1.1023852 t_sl_loss
    :2.995715
9343 Epoch:583 batch_num:12 t_c_loss:1.195268 t_sl_loss:
    2.995715
9344 Epoch:583 batch_num:13 t_c_loss:1.1109562 t_sl_loss
    :-0.0
9345 epoch_num:583 accuracy_for_train:0.5134099616858238
9346 epoch_num:583 accuracy_for_test:0.30798479087452474
9347 Epoch:584 batch_num:0 t_c_loss:1.0659148 t_sl_loss:
    2.995715
9348 Epoch:584 batch_num:1 t_c_loss:1.284764 t_sl_loss:2
    .9957151
9349 Epoch:584 batch_num:2 t_c_loss:1.1471956 t_sl_loss:
    2.995715
9350 Epoch:584 batch_num:3 t_c_loss:1.0494667 t_sl_loss:
    2.995715
9351 Epoch:584 batch_num:4 t_c_loss:1.399153 t_sl_loss:2
    .995715
9352 Epoch:584 batch_num:5 t_c_loss:0.844528 t_sl_loss:2

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9352 .995715
9353 Epoch:584 batch_num:6 t_c_loss:0.94982356 t_sl_loss
:2.9958239
9354 Epoch:584 batch_num:7 t_c_loss:1.137748 t_sl_loss:2
.995715
9355 Epoch:584 batch_num:8 t_c_loss:0.80031794 t_sl_loss
:2.995715
9356 Epoch:584 batch_num:9 t_c_loss:1.2066345 t_sl_loss:
2.995715
9357 Epoch:584 batch_num:10 t_c_loss:1.1472303 t_sl_loss
:2.995715
9358 Epoch:584 batch_num:11 t_c_loss:1.0936592 t_sl_loss
:2.995715
9359 Epoch:584 batch_num:12 t_c_loss:0.9162015 t_sl_loss
:2.995715
9360 Epoch:584 batch_num:13 t_c_loss:1.6827116 t_sl_loss
:-0.0
9361 epoch_num:584 accuracy_for_train:0.5210727969348659
9362 epoch_num:584 accuracy_for_test:0.30038022813688214
9363 Epoch:585 batch_num:0 t_c_loss:1.1468139 t_sl_loss:
2.995715
9364 Epoch:585 batch_num:1 t_c_loss:1.4818584 t_sl_loss:
2.995715
9365 Epoch:585 batch_num:2 t_c_loss:0.9856755 t_sl_loss:
2.995715
9366 Epoch:585 batch_num:3 t_c_loss:1.0512455 t_sl_loss:
2.995715
9367 Epoch:585 batch_num:4 t_c_loss:1.0124242 t_sl_loss:
2.9957151
9368 Epoch:585 batch_num:5 t_c_loss:0.99196845 t_sl_loss
:2.995715
9369 Epoch:585 batch_num:6 t_c_loss:1.1609643 t_sl_loss:
2.9957414
9370 Epoch:585 batch_num:7 t_c_loss:1.0930877 t_sl_loss:
2.995715
9371 Epoch:585 batch_num:8 t_c_loss:0.9583937 t_sl_loss:
2.995715
9372 Epoch:585 batch_num:9 t_c_loss:0.9926468 t_sl_loss:
2.995715
9373 Epoch:585 batch_num:10 t_c_loss:1.0199292 t_sl_loss
:2.995715
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9374 Epoch:585 batch_num:11 t_c_loss:1.0055233 t_sl_loss
:2.995715
9375 Epoch:585 batch_num:12 t_c_loss:1.040503 t_sl_loss:
2.995715
9376 Epoch:585 batch_num:13 t_c_loss:1.5064209 t_sl_loss
:-0.0
9377 epoch_num:585 accuracy_for_train:0.5095785440613027
9378 epoch_num:585 accuracy_for_test:0.3155893536121673
9379 Epoch:586 batch_num:0 t_c_loss:1.2756021 t_sl_loss:
2.995715
9380 Epoch:586 batch_num:1 t_c_loss:0.85100824 t_sl_loss
:2.995715
9381 Epoch:586 batch_num:2 t_c_loss:1.1336573 t_sl_loss:
2.995715
9382 Epoch:586 batch_num:3 t_c_loss:1.0429933 t_sl_loss:
2.995715
9383 Epoch:586 batch_num:4 t_c_loss:0.98097736 t_sl_loss
:2.995715
9384 Epoch:586 batch_num:5 t_c_loss:1.0164496 t_sl_loss:
2.995715
9385 Epoch:586 batch_num:6 t_c_loss:1.0672466 t_sl_loss:
2.995715
9386 Epoch:586 batch_num:7 t_c_loss:0.8593461 t_sl_loss:
2.995715
9387 Epoch:586 batch_num:8 t_c_loss:1.0851369 t_sl_loss:
2.9957151
9388 Epoch:586 batch_num:9 t_c_loss:1.0987648 t_sl_loss:
2.995715
9389 Epoch:586 batch_num:10 t_c_loss:1.1192949 t_sl_loss
:2.995715
9390 Epoch:586 batch_num:11 t_c_loss:1.36004 t_sl_loss:2
.995715
9391 Epoch:586 batch_num:12 t_c_loss:1.1743184 t_sl_loss
:2.995715
9392 Epoch:586 batch_num:13 t_c_loss:1.225981 t_sl_loss
:-0.0
9393 epoch_num:586 accuracy_for_train:0.4674329501915709
9394 epoch_num:586 accuracy_for_test:0.3193916349809886
9395 Epoch:587 batch_num:0 t_c_loss:1.0395979 t_sl_loss:
2.995715
9396 Epoch:587 batch_num:1 t_c_loss:1.1503747 t_sl_loss:
```

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9396 2.995715
9397 Epoch:587 batch_num:2 t_c_loss:1.0116954 t_sl_loss:
    2.995715
9398 Epoch:587 batch_num:3 t_c_loss:1.053367 t_sl_loss:2
    .995715
9399 Epoch:587 batch_num:4 t_c_loss:1.0494603 t_sl_loss:
    2.995715
9400 Epoch:587 batch_num:5 t_c_loss:1.0951611 t_sl_loss:
    2.995715
9401 Epoch:587 batch_num:6 t_c_loss:1.1787117 t_sl_loss:
    2.995715
9402 Epoch:587 batch_num:7 t_c_loss:1.0924369 t_sl_loss:
    2.995715
9403 Epoch:587 batch_num:8 t_c_loss:1.0892618 t_sl_loss:
    2.995715
9404 Epoch:587 batch_num:9 t_c_loss:1.1697663 t_sl_loss:
    2.995715
9405 Epoch:587 batch_num:10 t_c_loss:0.8435811 t_sl_loss
    :2.995715
9406 Epoch:587 batch_num:11 t_c_loss:0.9947151 t_sl_loss
    :2.995715
9407 Epoch:587 batch_num:12 t_c_loss:1.074646 t_sl_loss:
    2.995715
9408 Epoch:587 batch_num:13 t_c_loss:1.4444798 t_sl_loss
    :-0.0
9409 epoch_num:587 accuracy_for_train:0.5134099616858238
9410 epoch_num:587 accuracy_for_test:0.30798479087452474
9411 Epoch:588 batch_num:0 t_c_loss:1.0571711 t_sl_loss:
    2.995715
9412 Epoch:588 batch_num:1 t_c_loss:1.1129159 t_sl_loss:
    2.995715
9413 Epoch:588 batch_num:2 t_c_loss:0.9599868 t_sl_loss:
    2.995715
9414 Epoch:588 batch_num:3 t_c_loss:0.91049653 t_sl_loss
    :2.995715
9415 Epoch:588 batch_num:4 t_c_loss:1.1702261 t_sl_loss:
    2.995715
9416 Epoch:588 batch_num:5 t_c_loss:1.2153604 t_sl_loss:
    2.995715
9417 Epoch:588 batch_num:6 t_c_loss:1.318703 t_sl_loss:2
    .995715
```

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9418 Epoch:588 batch_num:7 t_c_loss:1.0063231 t_sl_loss:
    2.995715
9419 Epoch:588 batch_num:8 t_c_loss:0.9315737 t_sl_loss:
    2.995715
9420 Epoch:588 batch_num:9 t_c_loss:1.1520021 t_sl_loss:
    2.995715
9421 Epoch:588 batch_num:10 t_c_loss:1.1992232 t_sl_loss
    :2.995715
9422 Epoch:588 batch_num:11 t_c_loss:1.0539473 t_sl_loss
    :2.995715
9423 Epoch:588 batch_num:12 t_c_loss:0.982437 t_sl_loss:
    2.995715
9424 Epoch:588 batch_num:13 t_c_loss:0.830322 t_sl_loss
    :-0.0
9425 epoch_num:588 accuracy_for_train:0.
    47509578544061304
9426 epoch_num:588 accuracy_for_test:0.3231939163498099
9427 Epoch:589 batch_num:0 t_c_loss:1.0719928 t_sl_loss:
    2.9957147
9428 Epoch:589 batch_num:1 t_c_loss:1.1697943 t_sl_loss:
    2.995715
9429 Epoch:589 batch_num:2 t_c_loss:1.3126514 t_sl_loss:
    2.995715
9430 Epoch:589 batch_num:3 t_c_loss:0.94120246 t_sl_loss
    :2.995715
9431 Epoch:589 batch_num:4 t_c_loss:1.0466053 t_sl_loss:
    2.9957144
9432 Epoch:589 batch_num:5 t_c_loss:0.91553384 t_sl_loss
    :2.995715
9433 Epoch:589 batch_num:6 t_c_loss:1.0183418 t_sl_loss:
    2.9957144
9434 Epoch:589 batch_num:7 t_c_loss:1.0428183 t_sl_loss:
    2.995715
9435 Epoch:589 batch_num:8 t_c_loss:1.1918821 t_sl_loss:
    2.995715
9436 Epoch:589 batch_num:9 t_c_loss:1.0829499 t_sl_loss:
    2.995715
9437 Epoch:589 batch_num:10 t_c_loss:1.0040845 t_sl_loss
    :2.995715
9438 Epoch:589 batch_num:11 t_c_loss:1.022289 t_sl_loss:
    2.995715
```

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9439 Epoch:589 batch_num:12 t_c_loss:0.9881374 t_sl_loss
:2.995715
9440 Epoch:589 batch_num:13 t_c_loss:1.1284506 t_sl_loss
:-0.0
9441 epoch_num:589 accuracy_for_train:0.524904214559387
9442 epoch_num:589 accuracy_for_test:0.30798479087452474
9443 Epoch:590 batch_num:0 t_c_loss:1.0511185 t_sl_loss:
2.995715
9444 Epoch:590 batch_num:1 t_c_loss:1.0377011 t_sl_loss:
2.995715
9445 Epoch:590 batch_num:2 t_c_loss:1.058321 t_sl_loss:2
.995715
9446 Epoch:590 batch_num:3 t_c_loss:1.02833 t_sl_loss:2.
995715
9447 Epoch:590 batch_num:4 t_c_loss:1.2281322 t_sl_loss:
2.995715
9448 Epoch:590 batch_num:5 t_c_loss:1.0479565 t_sl_loss:
2.995715
9449 Epoch:590 batch_num:6 t_c_loss:1.0114707 t_sl_loss:
2.995715
9450 Epoch:590 batch_num:7 t_c_loss:0.93122673 t_sl_loss
:2.995715
9451 Epoch:590 batch_num:8 t_c_loss:1.2194737 t_sl_loss:
2.995715
9452 Epoch:590 batch_num:9 t_c_loss:1.1068093 t_sl_loss:
2.995715
9453 Epoch:590 batch_num:10 t_c_loss:1.3314867 t_sl_loss
:2.995715
9454 Epoch:590 batch_num:11 t_c_loss:1.1654139 t_sl_loss
:2.995715
9455 Epoch:590 batch_num:12 t_c_loss:0.82506675
t_sl_loss:2.995715
9456 Epoch:590 batch_num:13 t_c_loss:1.5359404 t_sl_loss
:-0.0
9457 epoch_num:590 accuracy_for_train:0.5019157088122606
9458 epoch_num:590 accuracy_for_test:0.3155893536121673
9459 Epoch:591 batch_num:0 t_c_loss:0.89436656 t_sl_loss
:2.995715
9460 Epoch:591 batch_num:1 t_c_loss:0.9886899 t_sl_loss:
2.995715
9461 Epoch:591 batch_num:2 t_c_loss:1.0710132 t_sl_loss:
```

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9461 2.995715
9462 Epoch:591 batch_num:3 t_c_loss:0.9228579 t_sl_loss:
    2.995715
9463 Epoch:591 batch_num:4 t_c_loss:0.934621 t_sl_loss:2
    .995715
9464 Epoch:591 batch_num:5 t_c_loss:1.0859677 t_sl_loss:
    2.995715
9465 Epoch:591 batch_num:6 t_c_loss:1.0079652 t_sl_loss:
    2.9957147
9466 Epoch:591 batch_num:7 t_c_loss:1.1523312 t_sl_loss:
    2.995715
9467 Epoch:591 batch_num:8 t_c_loss:1.2031373 t_sl_loss:
    2.995715
9468 Epoch:591 batch_num:9 t_c_loss:1.412391 t_sl_loss:2
    .995715
9469 Epoch:591 batch_num:10 t_c_loss:1.2256124 t_sl_loss
    :2.995715
9470 Epoch:591 batch_num:11 t_c_loss:1.047362 t_sl_loss:
    2.995715
9471 Epoch:591 batch_num:12 t_c_loss:1.2287593 t_sl_loss
    :2.995715
9472 Epoch:591 batch_num:13 t_c_loss:1.5850353 t_sl_loss
    :-0.0
9473 epoch_num:591 accuracy_for_train:0.5095785440613027
9474 epoch_num:591 accuracy_for_test:0.3269961977186312
9475 Epoch:592 batch_num:0 t_c_loss:1.0509875 t_sl_loss:
    2.995715
9476 Epoch:592 batch_num:1 t_c_loss:1.1256285 t_sl_loss:
    2.995715
9477 Epoch:592 batch_num:2 t_c_loss:1.0188732 t_sl_loss:
    2.995715
9478 Epoch:592 batch_num:3 t_c_loss:1.0054399 t_sl_loss:
    2.995715
9479 Epoch:592 batch_num:4 t_c_loss:1.2868773 t_sl_loss:
    2.995715
9480 Epoch:592 batch_num:5 t_c_loss:1.0055538 t_sl_loss:
    2.995715
9481 Epoch:592 batch_num:6 t_c_loss:1.0458512 t_sl_loss:
    2.995715
9482 Epoch:592 batch_num:7 t_c_loss:1.0741543 t_sl_loss:
    2.995715
```

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9483 Epoch:592 batch_num:8 t_c_loss:0.85744685 t_sl_loss
:2.995715
9484 Epoch:592 batch_num:9 t_c_loss:1.36074 t_sl_loss:2.
995715
9485 Epoch:592 batch_num:10 t_c_loss:0.9944644 t_sl_loss
:2.995715
9486 Epoch:592 batch_num:11 t_c_loss:0.95855224
t_sl_loss:2.995715
9487 Epoch:592 batch_num:12 t_c_loss:1.0456841 t_sl_loss
:2.995715
9488 Epoch:592 batch_num:13 t_c_loss:1.6749775 t_sl_loss
:-0.0
9489 epoch_num:592 accuracy_for_train:0.5287356321839081
9490 epoch_num:592 accuracy_for_test:0.3269961977186312
9491 Epoch:593 batch_num:0 t_c_loss:1.0606714 t_sl_loss:
2.995715
9492 Epoch:593 batch_num:1 t_c_loss:1.1432301 t_sl_loss:
2.995715
9493 Epoch:593 batch_num:2 t_c_loss:1.1319016 t_sl_loss:
2.9957156
9494 Epoch:593 batch_num:3 t_c_loss:1.0963423 t_sl_loss:
2.995715
9495 Epoch:593 batch_num:4 t_c_loss:0.84962046 t_sl_loss
:2.995715
9496 Epoch:593 batch_num:5 t_c_loss:1.204068 t_sl_loss:2
.995715
9497 Epoch:593 batch_num:6 t_c_loss:1.0787256 t_sl_loss:
2.995715
9498 Epoch:593 batch_num:7 t_c_loss:1.1653082 t_sl_loss:
2.995715
9499 Epoch:593 batch_num:8 t_c_loss:1.1567852 t_sl_loss:
2.995715
9500 Epoch:593 batch_num:9 t_c_loss:0.9617299 t_sl_loss:
2.995715
9501 Epoch:593 batch_num:10 t_c_loss:0.90558827
t_sl_loss:2.995715
9502 Epoch:593 batch_num:11 t_c_loss:1.024471 t_sl_loss:
2.995715
9503 Epoch:593 batch_num:12 t_c_loss:1.0935163 t_sl_loss
:2.995715
9504 Epoch:593 batch_num:13 t_c_loss:1.5489788 t_sl_loss
```

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9504 :-0.0
9505 epoch_num:593 accuracy_for_train:0.5134099616858238
9506 epoch_num:593 accuracy_for_test:0.3269961977186312
9507 Epoch:594 batch_num:0 t_c_loss:0.9989759 t_sl_loss:
    2.995715
9508 Epoch:594 batch_num:1 t_c_loss:1.0624527 t_sl_loss:
    2.995715
9509 Epoch:594 batch_num:2 t_c_loss:0.87376785 t_sl_loss
    :2.995715
9510 Epoch:594 batch_num:3 t_c_loss:1.1189563 t_sl_loss:
    2.9971921
9511 Epoch:594 batch_num:4 t_c_loss:0.9175049 t_sl_loss:
    2.995715
9512 Epoch:594 batch_num:5 t_c_loss:1.2293355 t_sl_loss:
    2.995715
9513 Epoch:594 batch_num:6 t_c_loss:1.0841684 t_sl_loss:
    2.995715
9514 Epoch:594 batch_num:7 t_c_loss:1.1539629 t_sl_loss:
    2.995715
9515 Epoch:594 batch_num:8 t_c_loss:1.1734627 t_sl_loss:
    2.995715
9516 Epoch:594 batch_num:9 t_c_loss:1.1975415 t_sl_loss:
    2.995715
9517 Epoch:594 batch_num:10 t_c_loss:1.0769887 t_sl_loss
    :2.995715
9518 Epoch:594 batch_num:11 t_c_loss:1.0970042 t_sl_loss
    :2.995715
9519 Epoch:594 batch_num:12 t_c_loss:1.0050259 t_sl_loss
    :2.995715
9520 Epoch:594 batch_num:13 t_c_loss:1.240723 t_sl_loss
    :-0.0
9521 epoch_num:594 accuracy_for_train:0.524904214559387
9522 epoch_num:594 accuracy_for_test:0.29277566539923955
9523 Epoch:595 batch_num:0 t_c_loss:1.1474906 t_sl_loss:
    2.995715
9524 Epoch:595 batch_num:1 t_c_loss:1.0044768 t_sl_loss:
    2.995715
9525 Epoch:595 batch_num:2 t_c_loss:1.0063117 t_sl_loss:
    2.995715
9526 Epoch:595 batch_num:3 t_c_loss:0.91343194 t_sl_loss
    :2.995715
```



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9527 Epoch:595 batch_num:4 t_c_loss:1.1406375 t_sl_loss:
    2.995715
9528 Epoch:595 batch_num:5 t_c_loss:1.0271947 t_sl_loss:
    2.995715
9529 Epoch:595 batch_num:6 t_c_loss:0.91540956 t_sl_loss
    :2.995715
9530 Epoch:595 batch_num:7 t_c_loss:0.99354327 t_sl_loss
    :2.995715
9531 Epoch:595 batch_num:8 t_c_loss:0.90511656 t_sl_loss
    :2.995715
9532 Epoch:595 batch_num:9 t_c_loss:1.2222162 t_sl_loss:
    2.995715
9533 Epoch:595 batch_num:10 t_c_loss:1.0723449 t_sl_loss
    :2.995715
9534 Epoch:595 batch_num:11 t_c_loss:1.2376006 t_sl_loss
    :2.995715
9535 Epoch:595 batch_num:12 t_c_loss:1.0800965 t_sl_loss
    :2.995715
9536 Epoch:595 batch_num:13 t_c_loss:1.605129 t_sl_loss
    :-0.0
9537 epoch_num:595 accuracy_for_train:0.524904214559387
9538 epoch_num:595 accuracy_for_test:0.30038022813688214
9539 Epoch:596 batch_num:0 t_c_loss:1.0962944 t_sl_loss:
    2.995715
9540 Epoch:596 batch_num:1 t_c_loss:1.184599 t_sl_loss:2
    .995715
9541 Epoch:596 batch_num:2 t_c_loss:1.001021 t_sl_loss:2
    .995715
9542 Epoch:596 batch_num:3 t_c_loss:1.0457488 t_sl_loss:
    2.995715
9543 Epoch:596 batch_num:4 t_c_loss:0.92890614 t_sl_loss
    :2.995715
9544 Epoch:596 batch_num:5 t_c_loss:0.9944643 t_sl_loss:
    2.995715
9545 Epoch:596 batch_num:6 t_c_loss:0.97290516 t_sl_loss
    :2.995715
9546 Epoch:596 batch_num:7 t_c_loss:1.2549616 t_sl_loss:
    2.995715
9547 Epoch:596 batch_num:8 t_c_loss:1.0313733 t_sl_loss:
    2.995715
9548 Epoch:596 batch_num:9 t_c_loss:0.9740654 t_sl_loss:
```

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9548 2.995715
9549 Epoch:596 batch_num:10 t_c_loss:1.1300734 t_sl_loss
    :2.995715
9550 Epoch:596 batch_num:11 t_c_loss:1.0561429 t_sl_loss
    :2.995715
9551 Epoch:596 batch_num:12 t_c_loss:1.047488 t_sl_loss:
    2.995715
9552 Epoch:596 batch_num:13 t_c_loss:1.6366988 t_sl_loss
    :-0.0
9553 epoch_num:596 accuracy_for_train:0.5057471264367817
9554 epoch_num:596 accuracy_for_test:0.2965779467680608
9555 Epoch:597 batch_num:0 t_c_loss:0.90831995 t_sl_loss
    :2.995715
9556 Epoch:597 batch_num:1 t_c_loss:1.1203533 t_sl_loss:
    2.995715
9557 Epoch:597 batch_num:2 t_c_loss:1.0457633 t_sl_loss:
    2.995715
9558 Epoch:597 batch_num:3 t_c_loss:1.1701957 t_sl_loss:
    2.995715
9559 Epoch:597 batch_num:4 t_c_loss:1.2125795 t_sl_loss:
    2.995715
9560 Epoch:597 batch_num:5 t_c_loss:1.0681632 t_sl_loss:
    2.995715
9561 Epoch:597 batch_num:6 t_c_loss:1.1210413 t_sl_loss:
    2.995715
9562 Epoch:597 batch_num:7 t_c_loss:0.94608706 t_sl_loss
    :2.995715
9563 Epoch:597 batch_num:8 t_c_loss:1.1313177 t_sl_loss:
    2.995715
9564 Epoch:597 batch_num:9 t_c_loss:1.1781335 t_sl_loss:
    2.995715
9565 Epoch:597 batch_num:10 t_c_loss:0.88564074
    t_sl_loss:2.995715
9566 Epoch:597 batch_num:11 t_c_loss:1.0540137 t_sl_loss
    :2.995715
9567 Epoch:597 batch_num:12 t_c_loss:1.114481 t_sl_loss:
    2.9957151
9568 Epoch:597 batch_num:13 t_c_loss:1.2381032 t_sl_loss
    :-0.0
9569 epoch_num:597 accuracy_for_train:0.5210727969348659
9570 epoch_num:597 accuracy_for_test:0.311787072243346
```

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9571 Epoch:598 batch_num:0 t_c_loss:1.0408807 t_sl_loss:
    2.995715
9572 Epoch:598 batch_num:1 t_c_loss:1.3517311 t_sl_loss:
    2.995715
9573 Epoch:598 batch_num:2 t_c_loss:0.98025906 t_sl_loss
    :2.995715
9574 Epoch:598 batch_num:3 t_c_loss:1.1020277 t_sl_loss:
    2.995715
9575 Epoch:598 batch_num:4 t_c_loss:1.2747426 t_sl_loss:
    2.995715
9576 Epoch:598 batch_num:5 t_c_loss:1.3060882 t_sl_loss:
    2.995715
9577 Epoch:598 batch_num:6 t_c_loss:1.0767964 t_sl_loss:
    2.995715
9578 Epoch:598 batch_num:7 t_c_loss:0.8576085 t_sl_loss:
    2.9957151
9579 Epoch:598 batch_num:8 t_c_loss:0.85299957 t_sl_loss
    :2.995715
9580 Epoch:598 batch_num:9 t_c_loss:1.151356 t_sl_loss:2
    .995715
9581 Epoch:598 batch_num:10 t_c_loss:1.0020769 t_sl_loss
    :2.995715
9582 Epoch:598 batch_num:11 t_c_loss:0.8523434 t_sl_loss
    :2.995715
9583 Epoch:598 batch_num:12 t_c_loss:1.1576205 t_sl_loss
    :2.995715
9584 Epoch:598 batch_num:13 t_c_loss:1.3704737 t_sl_loss
    :-0.0
9585 epoch_num:598 accuracy_for_train:0.5172413793103449
9586 epoch_num:598 accuracy_for_test:0.30798479087452474
9587 Epoch:599 batch_num:0 t_c_loss:1.0143588 t_sl_loss:
    2.995715
9588 Epoch:599 batch_num:1 t_c_loss:1.1011549 t_sl_loss:
    2.995715
9589 Epoch:599 batch_num:2 t_c_loss:0.97099316 t_sl_loss
    :2.995715
9590 Epoch:599 batch_num:3 t_c_loss:1.0672176 t_sl_loss:
    2.995715
9591 Epoch:599 batch_num:4 t_c_loss:1.0203558 t_sl_loss:
    2.995715
9592 Epoch:599 batch_num:5 t_c_loss:1.1357327 t_sl_loss:
```

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9592 2.995715
9593 Epoch:599 batch_num:6 t_c_loss:1.0411346 t_sl_loss:
    2.995715
9594 Epoch:599 batch_num:7 t_c_loss:1.0468498 t_sl_loss:
    2.995715
9595 Epoch:599 batch_num:8 t_c_loss:1.050703 t_sl_loss:2
    .995715
9596 Epoch:599 batch_num:9 t_c_loss:0.9991565 t_sl_loss:
    2.995715
9597 Epoch:599 batch_num:10 t_c_loss:1.2376934 t_sl_loss
    :2.995715
9598 Epoch:599 batch_num:11 t_c_loss:1.213216 t_sl_loss:
    2.995715
9599 Epoch:599 batch_num:12 t_c_loss:1.0508261 t_sl_loss
    :2.995715
9600 Epoch:599 batch_num:13 t_c_loss:1.2798501 t_sl_loss
    :-0.0
9601 epoch_num:599 accuracy_for_train:0.4789272030651341
9602 epoch_num:599 accuracy_for_test:0.3041825095057034
9603 Epoch:600 batch_num:0 t_c_loss:1.1171157 t_sl_loss:
    2.995715
9604 Epoch:600 batch_num:1 t_c_loss:1.106753 t_sl_loss:2
    .995715
9605 Epoch:600 batch_num:2 t_c_loss:0.92429465 t_sl_loss
    :2.995715
9606 Epoch:600 batch_num:3 t_c_loss:1.0305612 t_sl_loss:
    2.995715
9607 Epoch:600 batch_num:4 t_c_loss:0.99035376 t_sl_loss
    :2.995715
9608 Epoch:600 batch_num:5 t_c_loss:1.0479677 t_sl_loss:
    2.995715
9609 Epoch:600 batch_num:6 t_c_loss:0.904966 t_sl_loss:2
    .995715
9610 Epoch:600 batch_num:7 t_c_loss:1.3962027 t_sl_loss:
    2.995715
9611 Epoch:600 batch_num:8 t_c_loss:1.1360209 t_sl_loss:
    2.995715
9612 Epoch:600 batch_num:9 t_c_loss:1.0092638 t_sl_loss:
    2.995715
9613 Epoch:600 batch_num:10 t_c_loss:1.1611328 t_sl_loss
    :2.995715
```

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9614 Epoch:600 batch_num:11 t_c_loss:0.9647279 t_sl_loss
:2.995715
9615 Epoch:600 batch_num:12 t_c_loss:1.0018203 t_sl_loss
:2.995715
9616 Epoch:600 batch_num:13 t_c_loss:0.60256654
t_sl_loss:-0.0
9617 epoch_num:600 accuracy_for_train:0.
45977011494252873
9618 epoch_num:600 accuracy_for_test:0.3193916349809886
9619 Epoch:601 batch_num:0 t_c_loss:1.3410817 t_sl_loss:
2.995715
9620 Epoch:601 batch_num:1 t_c_loss:1.2868828 t_sl_loss:
2.995715
9621 Epoch:601 batch_num:2 t_c_loss:1.1303744 t_sl_loss:
2.995715
9622 Epoch:601 batch_num:3 t_c_loss:0.9825942 t_sl_loss:
2.995715
9623 Epoch:601 batch_num:4 t_c_loss:1.0921772 t_sl_loss:
2.9957151
9624 Epoch:601 batch_num:5 t_c_loss:1.0685221 t_sl_loss:
2.995715
9625 Epoch:601 batch_num:6 t_c_loss:0.99828404 t_sl_loss
:2.995715
9626 Epoch:601 batch_num:7 t_c_loss:0.70039976 t_sl_loss
:2.995715
9627 Epoch:601 batch_num:8 t_c_loss:1.0462531 t_sl_loss:
2.995715
9628 Epoch:601 batch_num:9 t_c_loss:1.0392419 t_sl_loss:
2.995715
9629 Epoch:601 batch_num:10 t_c_loss:1.1390526 t_sl_loss
:2.995715
9630 Epoch:601 batch_num:11 t_c_loss:1.0386925 t_sl_loss
:2.995715
9631 Epoch:601 batch_num:12 t_c_loss:1.038301 t_sl_loss:
2.995715
9632 Epoch:601 batch_num:13 t_c_loss:1.176399 t_sl_loss
:-0.0
9633 epoch_num:601 accuracy_for_train:0.
46360153256704983
9634 epoch_num:601 accuracy_for_test:0.3231939163498099
9635 Epoch:602 batch_num:0 t_c_loss:1.0869094 t_sl_loss:
```

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9635 2.995715
9636 Epoch:602 batch_num:1 t_c_loss:1.0140128 t_sl_loss:
      2.995715
9637 Epoch:602 batch_num:2 t_c_loss:1.3096704 t_sl_loss:
      2.995715
9638 Epoch:602 batch_num:3 t_c_loss:1.1036364 t_sl_loss:
      2.995715
9639 Epoch:602 batch_num:4 t_c_loss:1.0258486 t_sl_loss:
      2.995715
9640 Epoch:602 batch_num:5 t_c_loss:0.9756317 t_sl_loss:
      2.995715
9641 Epoch:602 batch_num:6 t_c_loss:1.1008537 t_sl_loss:
      2.995715
9642 Epoch:602 batch_num:7 t_c_loss:0.8706778 t_sl_loss:
      2.995715
9643 Epoch:602 batch_num:8 t_c_loss:0.9091695 t_sl_loss:
      2.995715
9644 Epoch:602 batch_num:9 t_c_loss:1.1345513 t_sl_loss:
      2.995715
9645 Epoch:602 batch_num:10 t_c_loss:1.2557737 t_sl_loss
      :2.995715
9646 Epoch:602 batch_num:11 t_c_loss:1.0147938 t_sl_loss
      :2.995715
9647 Epoch:602 batch_num:12 t_c_loss:0.96031743
      t_sl_loss:2.995715
9648 Epoch:602 batch_num:13 t_c_loss:0.7358855 t_sl_loss
      :-0.0
9649 epoch_num:602 accuracy_for_train:0.
      48659003831417624
9650 epoch_num:602 accuracy_for_test:0.311787072243346
9651 Epoch:603 batch_num:0 t_c_loss:1.1040397 t_sl_loss:
      2.995715
9652 Epoch:603 batch_num:1 t_c_loss:1.0252305 t_sl_loss:
      2.995715
9653 Epoch:603 batch_num:2 t_c_loss:0.9867694 t_sl_loss:
      2.995715
9654 Epoch:603 batch_num:3 t_c_loss:0.87020606 t_sl_loss
      :2.995715
9655 Epoch:603 batch_num:4 t_c_loss:1.0909449 t_sl_loss:
      2.995715
9656 Epoch:603 batch_num:5 t_c_loss:1.1087121 t_sl_loss:
```

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9656 2.995715
9657 Epoch:603 batch_num:6 t_c_loss:0.8828257 t_sl_loss:
    2.995715
9658 Epoch:603 batch_num:7 t_c_loss:1.101896 t_sl_loss:2
    .995715
9659 Epoch:603 batch_num:8 t_c_loss:1.0604886 t_sl_loss:
    2.995715
9660 Epoch:603 batch_num:9 t_c_loss:0.9247279 t_sl_loss:
    2.995715
9661 Epoch:603 batch_num:10 t_c_loss:1.0765859 t_sl_loss
    :2.995715
9662 Epoch:603 batch_num:11 t_c_loss:1.2545981 t_sl_loss
    :2.995715
9663 Epoch:603 batch_num:12 t_c_loss:1.1123155 t_sl_loss
    :2.995715
9664 Epoch:603 batch_num:13 t_c_loss:1.3203855 t_sl_loss
    :-0.0
9665 epoch_num:603 accuracy_for_train:0.5325670498084292
9666 epoch_num:603 accuracy_for_test:0.3155893536121673
9667 Epoch:604 batch_num:0 t_c_loss:0.91099584 t_sl_loss
    :2.995715
9668 Epoch:604 batch_num:1 t_c_loss:1.0454848 t_sl_loss:
    2.9957151
9669 Epoch:604 batch_num:2 t_c_loss:1.2012432 t_sl_loss:
    2.995715
9670 Epoch:604 batch_num:3 t_c_loss:1.261372 t_sl_loss:2
    .995715
9671 Epoch:604 batch_num:4 t_c_loss:1.0271841 t_sl_loss:
    2.9957154
9672 Epoch:604 batch_num:5 t_c_loss:1.2180133 t_sl_loss:
    2.995715
9673 Epoch:604 batch_num:6 t_c_loss:1.0628179 t_sl_loss:
    2.995715
9674 Epoch:604 batch_num:7 t_c_loss:1.2590044 t_sl_loss:
    2.995715
9675 Epoch:604 batch_num:8 t_c_loss:1.0081793 t_sl_loss:
    2.995715
9676 Epoch:604 batch_num:9 t_c_loss:0.82735884 t_sl_loss
    :2.995715
9677 Epoch:604 batch_num:10 t_c_loss:1.1245282 t_sl_loss
    :2.995715
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9678 Epoch:604 batch_num:11 t_c_loss:1.0642359 t_sl_loss
:2.9957173
9679 Epoch:604 batch_num:12 t_c_loss:1.0531418 t_sl_loss
:2.995715
9680 Epoch:604 batch_num:13 t_c_loss:1.5843029 t_sl_loss
:-0.0
9681 epoch_num:604 accuracy_for_train:0.5210727969348659
9682 epoch_num:604 accuracy_for_test:0.30798479087452474
9683 Epoch:605 batch_num:0 t_c_loss:1.2762545 t_sl_loss:
2.995715
9684 Epoch:605 batch_num:1 t_c_loss:0.8663289 t_sl_loss:
2.995715
9685 Epoch:605 batch_num:2 t_c_loss:1.2292761 t_sl_loss:
2.995715
9686 Epoch:605 batch_num:3 t_c_loss:0.9007538 t_sl_loss:
2.995715
9687 Epoch:605 batch_num:4 t_c_loss:0.8464597 t_sl_loss:
2.995715
9688 Epoch:605 batch_num:5 t_c_loss:1.0392392 t_sl_loss:
2.9957151
9689 Epoch:605 batch_num:6 t_c_loss:1.0602868 t_sl_loss:
2.995715
9690 Epoch:605 batch_num:7 t_c_loss:1.0721397 t_sl_loss:
2.995715
9691 Epoch:605 batch_num:8 t_c_loss:1.02179 t_sl_loss:2.
995715
9692 Epoch:605 batch_num:9 t_c_loss:0.92996293 t_sl_loss
:2.995715
9693 Epoch:605 batch_num:10 t_c_loss:1.2325777 t_sl_loss
:2.995715
9694 Epoch:605 batch_num:11 t_c_loss:1.1573645 t_sl_loss
:2.995715
9695 Epoch:605 batch_num:12 t_c_loss:1.0148227 t_sl_loss
:2.995715
9696 Epoch:605 batch_num:13 t_c_loss:1.8990345 t_sl_loss
:-0.0
9697 epoch_num:605 accuracy_for_train:0.4789272030651341
9698 epoch_num:605 accuracy_for_test:0.29277566539923955
9699 Epoch:606 batch_num:0 t_c_loss:1.0827329 t_sl_loss:
2.995715
9700 Epoch:606 batch_num:1 t_c_loss:1.2513468 t_sl_loss:
```



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9700 2.995715
9701 Epoch:606 batch_num:2 t_c_loss:1.2817427 t_sl_loss:
    2.995715
9702 Epoch:606 batch_num:3 t_c_loss:1.0711038 t_sl_loss:
    2.995715
9703 Epoch:606 batch_num:4 t_c_loss:1.14202 t_sl_loss:2.
    995715
9704 Epoch:606 batch_num:5 t_c_loss:1.1212076 t_sl_loss:
    2.995715
9705 Epoch:606 batch_num:6 t_c_loss:1.0168078 t_sl_loss:
    2.995715
9706 Epoch:606 batch_num:7 t_c_loss:1.1521927 t_sl_loss:
    2.995715
9707 Epoch:606 batch_num:8 t_c_loss:0.76016486 t_sl_loss
    :2.995715
9708 Epoch:606 batch_num:9 t_c_loss:0.8538267 t_sl_loss:
    2.995715
9709 Epoch:606 batch_num:10 t_c_loss:0.87286985
    t_sl_loss:2.995715
9710 Epoch:606 batch_num:11 t_c_loss:1.0489771 t_sl_loss
    :2.995715
9711 Epoch:606 batch_num:12 t_c_loss:0.86472434
    t_sl_loss:2.995715
9712 Epoch:606 batch_num:13 t_c_loss:1.5356159 t_sl_loss
    :-0.0
9713 epoch_num:606 accuracy_for_train:0.5287356321839081
9714 epoch_num:606 accuracy_for_test:0.29277566539923955
9715 Epoch:607 batch_num:0 t_c_loss:1.3972418 t_sl_loss:
    2.995715
9716 Epoch:607 batch_num:1 t_c_loss:1.1022694 t_sl_loss:
    2.995715
9717 Epoch:607 batch_num:2 t_c_loss:1.0231289 t_sl_loss:
    2.995715
9718 Epoch:607 batch_num:3 t_c_loss:1.057314 t_sl_loss:2
    .995715
9719 Epoch:607 batch_num:4 t_c_loss:0.9241675 t_sl_loss:
    2.995715
9720 Epoch:607 batch_num:5 t_c_loss:1.083894 t_sl_loss:2
    .995715
9721 Epoch:607 batch_num:6 t_c_loss:0.87003326 t_sl_loss
    :2.995715
```

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9722 Epoch:607 batch_num:7 t_c_loss:1.0444306 t_sl_loss:
    2.995715
9723 Epoch:607 batch_num:8 t_c_loss:1.0295622 t_sl_loss:
    2.995715
9724 Epoch:607 batch_num:9 t_c_loss:1.1504172 t_sl_loss:
    2.995715
9725 Epoch:607 batch_num:10 t_c_loss:1.1167648 t_sl_loss
    :2.995715
9726 Epoch:607 batch_num:11 t_c_loss:1.2139158 t_sl_loss
    :2.995715
9727 Epoch:607 batch_num:12 t_c_loss:1.1410939 t_sl_loss
    :2.995715
9728 Epoch:607 batch_num:13 t_c_loss:1.5062492 t_sl_loss
    :-0.0
9729 epoch_num:607 accuracy_for_train:0.5095785440613027
9730 epoch_num:607 accuracy_for_test:0.311787072243346
9731 Epoch:608 batch_num:0 t_c_loss:1.1712623 t_sl_loss:
    2.995715
9732 Epoch:608 batch_num:1 t_c_loss:1.415861 t_sl_loss:2
    .995715
9733 Epoch:608 batch_num:2 t_c_loss:0.9109651 t_sl_loss:
    2.995715
9734 Epoch:608 batch_num:3 t_c_loss:0.9343212 t_sl_loss:
    2.995715
9735 Epoch:608 batch_num:4 t_c_loss:0.9138546 t_sl_loss:
    2.995715
9736 Epoch:608 batch_num:5 t_c_loss:1.090164 t_sl_loss:2
    .995715
9737 Epoch:608 batch_num:6 t_c_loss:1.0072725 t_sl_loss:
    2.995715
9738 Epoch:608 batch_num:7 t_c_loss:1.1639822 t_sl_loss:
    2.995715
9739 Epoch:608 batch_num:8 t_c_loss:1.0189759 t_sl_loss:
    2.995715
9740 Epoch:608 batch_num:9 t_c_loss:0.923621 t_sl_loss:2
    .995715
9741 Epoch:608 batch_num:10 t_c_loss:1.0683074 t_sl_loss
    :2.995715
9742 Epoch:608 batch_num:11 t_c_loss:1.0009981 t_sl_loss
    :2.995715
9743 Epoch:608 batch_num:12 t_c_loss:1.201381 t_sl_loss:
```

```
9743 2.995715
9744 Epoch:608 batch_num:13 t_c_loss:1.1554521 t_sl_loss
      :-0.0
9745 epoch_num:608 accuracy_for_train:0.5287356321839081
9746 epoch_num:608 accuracy_for_test:0.3041825095057034
9747 Epoch:609 batch_num:0 t_c_loss:0.9184459 t_sl_loss:
      2.995715
9748 Epoch:609 batch_num:1 t_c_loss:1.311879 t_sl_loss:2
      .995715
9749 Epoch:609 batch_num:2 t_c_loss:1.0873545 t_sl_loss:
      2.995715
9750 Epoch:609 batch_num:3 t_c_loss:1.0438387 t_sl_loss:
      2.995715
9751 Epoch:609 batch_num:4 t_c_loss:1.1714218 t_sl_loss:
      2.995715
9752 Epoch:609 batch_num:5 t_c_loss:1.0100853 t_sl_loss:
      2.995715
9753 Epoch:609 batch_num:6 t_c_loss:1.047404 t_sl_loss:2
      .995715
9754 Epoch:609 batch_num:7 t_c_loss:0.96304595 t_sl_loss
      :2.995715
9755 Epoch:609 batch_num:8 t_c_loss:1.1126558 t_sl_loss:
      2.995715
9756 Epoch:609 batch_num:9 t_c_loss:1.1691086 t_sl_loss:
      2.995715
9757 Epoch:609 batch_num:10 t_c_loss:0.96537113
      t_sl_loss:2.995715
9758 Epoch:609 batch_num:11 t_c_loss:1.0347558 t_sl_loss
      :2.995715
9759 Epoch:609 batch_num:12 t_c_loss:1.1489439 t_sl_loss
      :2.995715
9760 Epoch:609 batch_num:13 t_c_loss:1.2833004 t_sl_loss
      :-0.0
9761 epoch_num:609 accuracy_for_train:0.5402298850574713
9762 epoch_num:609 accuracy_for_test:0.2965779467680608
9763 Epoch:610 batch_num:0 t_c_loss:0.93858135 t_sl_loss
      :2.995715
9764 Epoch:610 batch_num:1 t_c_loss:1.0851896 t_sl_loss:
      2.995715
9765 Epoch:610 batch_num:2 t_c_loss:1.0236632 t_sl_loss:
      2.995715
```

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9766 Epoch:610 batch_num:3 t_c_loss:0.93044376 t_sl_loss
:2.9957151
9767 Epoch:610 batch_num:4 t_c_loss:0.99498713 t_sl_loss
:2.995715
9768 Epoch:610 batch_num:5 t_c_loss:1.1925688 t_sl_loss:
2.995715
9769 Epoch:610 batch_num:6 t_c_loss:1.0604237 t_sl_loss:
2.995715
9770 Epoch:610 batch_num:7 t_c_loss:1.0512455 t_sl_loss:
2.995715
9771 Epoch:610 batch_num:8 t_c_loss:1.0593144 t_sl_loss:
2.995715
9772 Epoch:610 batch_num:9 t_c_loss:1.2579117 t_sl_loss:
2.995715
9773 Epoch:610 batch_num:10 t_c_loss:1.0749582 t_sl_loss
:2.995715
9774 Epoch:610 batch_num:11 t_c_loss:1.1763096 t_sl_loss
:2.995715
9775 Epoch:610 batch_num:12 t_c_loss:1.0670239 t_sl_loss
:2.995715
9776 Epoch:610 batch_num:13 t_c_loss:1.2718782 t_sl_loss
:-0.0
9777 epoch_num:610 accuracy_for_train:0.5325670498084292
9778 epoch_num:610 accuracy_for_test:0.2965779467680608
9779 Epoch:611 batch_num:0 t_c_loss:1.0872049 t_sl_loss:
2.995715
9780
9781 Process finished with exit code 143
9782
```