

```

1 ssh://sangsq@10.50.221.195:22/home/sangsq/anaconda3/bin/python -u /home/sangsq/flower
  /PSEP/model/hhh.py
2 loading data
3 remove 0 isolated drugs: []
4 remove finished
5 963 polypharmacy side effects
6 data has been loaded
7 cuda
8 model training ...
9 0 loss:1.3877 auprc:0.4972 auroc:0.5006 ap@50:0.4977
10 0 loss:1.3877 auprc:0.4989 auroc:0.5011 ap@50:0.5028 time:116.2
11
12 1 loss:1.3864 auprc:0.4945 auroc:0.5018 ap@50:0.4951
13 1 loss:1.3864 auprc:0.4965 auroc:0.5024 ap@50:0.5004 time:115.7
14
15 2 loss:1.3862 auprc:0.4918 auroc:0.5043 ap@50:0.4924
16 2 loss:1.3862 auprc:0.4940 auroc:0.5057 ap@50:0.4979 time:115.6
17
18 3 loss:1.3855 auprc:0.4985 auroc:0.5143 ap@50:0.4990
19 3 loss:1.3855 auprc:0.5014 auroc:0.5177 ap@50:0.5051 time:115.6
20
21 4 loss:1.3838 auprc:0.5194 auroc:0.5326 ap@50:0.5199
22 4 loss:1.3838 auprc:0.5234 auroc:0.5382 ap@50:0.5269 time:115.6
23
24 5 loss:1.3803 auprc:0.5455 auroc:0.5530 ap@50:0.5459
25 5 loss:1.3803 auprc:0.5509 auroc:0.5615 ap@50:0.5541 time:115.7
26
27 6 loss:1.3742 auprc:0.5713 auroc:0.5750 ap@50:0.5718
28 6 loss:1.3742 auprc:0.5783 auroc:0.5857 ap@50:0.5813 time:115.6
29
30 7 loss:1.3642 auprc:0.5952 auroc:0.5988 ap@50:0.5956
31 7 loss:1.3642 auprc:0.6040 auroc:0.6116 ap@50:0.6067 time:115.6
32
33 8 loss:1.3490 auprc:0.6147 auroc:0.6243 ap@50:0.6151
34 8 loss:1.3490 auprc:0.6248 auroc:0.6385 ap@50:0.6276 time:115.5
35
36 9 loss:1.3271 auprc:0.6272 auroc:0.6488 ap@50:0.6276
37 9 loss:1.3271 auprc:0.6384 auroc:0.6638 ap@50:0.6412 time:115.6
38
39 10 loss:1.2973 auprc:0.6351 auroc:0.6702 ap@50:0.6355
40 10 loss:1.2973 auprc:0.6457 auroc:0.6848 ap@50:0.6487 time:115.5
41
42 11 loss:1.2623 auprc:0.6426 auroc:0.6891 ap@50:0.6430
43 11 loss:1.2623 auprc:0.6536 auroc:0.7039 ap@50:0.6567 time:115.5
44
45 12 loss:1.2252 auprc:0.6605 auroc:0.7119 ap@50:0.6610
46 12 loss:1.2252 auprc:0.6706 auroc:0.7255 ap@50:0.6737 time:115.6
47
48 13 loss:1.1843 auprc:0.6840 auroc:0.7348 ap@50:0.6844
49 13 loss:1.1843 auprc:0.6922 auroc:0.7472 ap@50:0.6951 time:115.6
50
51 14 loss:1.1362 auprc:0.7177 auroc:0.7643 ap@50:0.7180
52 14 loss:1.1362 auprc:0.7259 auroc:0.7763 ap@50:0.7285 time:115.5
53
54 15 loss:1.0901 auprc:0.7428 auroc:0.7862 ap@50:0.7432
55 15 loss:1.0901 auprc:0.7497 auroc:0.7964 ap@50:0.7520 time:115.5
56
57 16 loss:1.0484 auprc:0.7722 auroc:0.8108 ap@50:0.7725
58 16 loss:1.0484 auprc:0.7771 auroc:0.8189 ap@50:0.7791 time:115.4
59
60 17 loss:1.0113 auprc:0.7917 auroc:0.8274 ap@50:0.7920
61 17 loss:1.0113 auprc:0.7948 auroc:0.8343 ap@50:0.7967 time:115.5

```

62						
63	18	loss:0.9778	auprc:0.8094	euroc:0.8445	ap@50:0.8097	
64	18	loss:0.9778	auprc:0.8121	euroc:0.8502	ap@50:0.8139	time:115.5
65						
66	19	loss:0.9472	auprc:0.8175	euroc:0.8535	ap@50:0.8178	
67	19	loss:0.9472	auprc:0.8188	euroc:0.8576	ap@50:0.8204	time:115.4
68						
69	20	loss:0.9216	auprc:0.8337	euroc:0.8695	ap@50:0.8339	
70	20	loss:0.9216	auprc:0.8326	euroc:0.8710	ap@50:0.8342	time:115.3
71						
72	21	loss:0.8941	auprc:0.8361	euroc:0.8732	ap@50:0.8363	
73	21	loss:0.8941	auprc:0.8340	euroc:0.8736	ap@50:0.8356	time:115.4
74						
75	22	loss:0.8714	auprc:0.8455	euroc:0.8820	ap@50:0.8458	
76	22	loss:0.8714	auprc:0.8418	euroc:0.8805	ap@50:0.8433	time:115.4
77						
78	23	loss:0.8573	auprc:0.8575	euroc:0.8912	ap@50:0.8577	
79	23	loss:0.8573	auprc:0.8518	euroc:0.8881	ap@50:0.8532	time:115.4
80						
81	24	loss:0.8393	auprc:0.8596	euroc:0.8929	ap@50:0.8598	
82	24	loss:0.8393	auprc:0.8535	euroc:0.8893	ap@50:0.8549	time:115.4
83						
84	25	loss:0.8248	auprc:0.8655	euroc:0.8971	ap@50:0.8657	
85	25	loss:0.8248	auprc:0.8588	euroc:0.8929	ap@50:0.8601	time:115.5
86						
87	26	loss:0.8150	auprc:0.8731	euroc:0.9020	ap@50:0.8732	
88	26	loss:0.8150	auprc:0.8652	euroc:0.8971	ap@50:0.8664	time:115.5
89						
90	27	loss:0.8026	auprc:0.8760	euroc:0.9038	ap@50:0.8761	
91	27	loss:0.8026	auprc:0.8677	euroc:0.8986	ap@50:0.8688	time:115.5
92						
93	28	loss:0.7974	auprc:0.8789	euroc:0.9056	ap@50:0.8790	
94	28	loss:0.7974	auprc:0.8704	euroc:0.9003	ap@50:0.8715	time:115.4
95						
96	29	loss:0.7901	auprc:0.8837	euroc:0.9087	ap@50:0.8839	
97	29	loss:0.7901	auprc:0.8744	euroc:0.9028	ap@50:0.8754	time:115.5
98						
99	30	loss:0.7836	auprc:0.8849	euroc:0.9096	ap@50:0.8850	
100	30	loss:0.7836	auprc:0.8757	euroc:0.9036	ap@50:0.8767	time:115.4
101						
102	31	loss:0.7800	auprc:0.8857	euroc:0.9100	ap@50:0.8858	
103	31	loss:0.7800	auprc:0.8760	euroc:0.9038	ap@50:0.8769	time:115.4
104						
105	32	loss:0.7747	auprc:0.8874	euroc:0.9112	ap@50:0.8876	
106	32	loss:0.7747	auprc:0.8775	euroc:0.9048	ap@50:0.8784	time:115.5
107						
108	33	loss:0.7724	auprc:0.8886	euroc:0.9120	ap@50:0.8887	
109	33	loss:0.7724	auprc:0.8785	euroc:0.9054	ap@50:0.8794	time:115.4
110						
111	34	loss:0.7697	auprc:0.8887	euroc:0.9120	ap@50:0.8888	
112	34	loss:0.7697	auprc:0.8785	euroc:0.9054	ap@50:0.8794	time:115.4
113						
114	35	loss:0.7662	auprc:0.8902	euroc:0.9129	ap@50:0.8904	
115	35	loss:0.7662	auprc:0.8794	euroc:0.9060	ap@50:0.8803	time:115.4
116						
117	36	loss:0.7658	auprc:0.8913	euroc:0.9136	ap@50:0.8915	
118	36	loss:0.7658	auprc:0.8805	euroc:0.9067	ap@50:0.8814	time:115.4
119						
120	37	loss:0.7631	auprc:0.8913	euroc:0.9135	ap@50:0.8914	
121	37	loss:0.7631	auprc:0.8804	euroc:0.9067	ap@50:0.8813	time:115.5
122						
123	38	loss:0.7619	auprc:0.8916	euroc:0.9138	ap@50:0.8917	

124	38	loss:0.7619	auprc:0.8807	euroc:0.9069	ap@50:0.8816	time:115.5
125						
126	39	loss:0.7609	auprc:0.8927	euroc:0.9143	ap@50:0.8928	
127	39	loss:0.7609	auprc:0.8817	euroc:0.9075	ap@50:0.8825	time:115.4
128						
129	40	loss:0.7586	auprc:0.8931	euroc:0.9146	ap@50:0.8932	
130	40	loss:0.7586	auprc:0.8819	euroc:0.9076	ap@50:0.8827	time:115.5
131						
132	41	loss:0.7575	auprc:0.8934	euroc:0.9148	ap@50:0.8935	
133	41	loss:0.7575	auprc:0.8821	euroc:0.9077	ap@50:0.8829	time:115.4
134						
135	42	loss:0.7571	auprc:0.8937	euroc:0.9150	ap@50:0.8938	
136	42	loss:0.7571	auprc:0.8828	euroc:0.9082	ap@50:0.8836	time:115.4
137						
138	43	loss:0.7552	auprc:0.8942	euroc:0.9152	ap@50:0.8943	
139	43	loss:0.7552	auprc:0.8828	euroc:0.9081	ap@50:0.8836	time:115.4
140						
141	44	loss:0.7546	auprc:0.8937	euroc:0.9150	ap@50:0.8938	
142	44	loss:0.7546	auprc:0.8828	euroc:0.9082	ap@50:0.8836	time:115.4
143						
144	45	loss:0.7539	auprc:0.8942	euroc:0.9154	ap@50:0.8943	
145	45	loss:0.7539	auprc:0.8832	euroc:0.9084	ap@50:0.8840	time:115.4
146						
147	46	loss:0.7527	auprc:0.8945	euroc:0.9155	ap@50:0.8946	
148	46	loss:0.7527	auprc:0.8830	euroc:0.9084	ap@50:0.8839	time:115.4
149						
150	47	loss:0.7520	auprc:0.8946	euroc:0.9155	ap@50:0.8947	
151	47	loss:0.7520	auprc:0.8832	euroc:0.9085	ap@50:0.8840	time:115.4
152						
153	48	loss:0.7519	auprc:0.8951	euroc:0.9158	ap@50:0.8952	
154	48	loss:0.7519	auprc:0.8835	euroc:0.9086	ap@50:0.8843	time:115.4
155						
156	49	loss:0.7513	auprc:0.8948	euroc:0.9157	ap@50:0.8949	
157	49	loss:0.7513	auprc:0.8832	euroc:0.9085	ap@50:0.8840	time:115.5
158						
159	50	loss:0.7510	auprc:0.8951	euroc:0.9159	ap@50:0.8952	
160	50	loss:0.7510	auprc:0.8835	euroc:0.9087	ap@50:0.8843	time:115.4
161						
162	51	loss:0.7505	auprc:0.8947	euroc:0.9156	ap@50:0.8948	
163	51	loss:0.7505	auprc:0.8834	euroc:0.9086	ap@50:0.8842	time:115.5
164						
165	52	loss:0.7493	auprc:0.8951	euroc:0.9158	ap@50:0.8952	
166	52	loss:0.7493	auprc:0.8835	euroc:0.9087	ap@50:0.8843	time:115.4
167						
168	53	loss:0.7489	auprc:0.8958	euroc:0.9162	ap@50:0.8959	
169	53	loss:0.7489	auprc:0.8837	euroc:0.9088	ap@50:0.8846	time:115.5
170						
171	54	loss:0.7492	auprc:0.8952	euroc:0.9159	ap@50:0.8953	
172	54	loss:0.7492	auprc:0.8836	euroc:0.9088	ap@50:0.8844	time:115.4
173						
174	55	loss:0.7496	auprc:0.8959	euroc:0.9163	ap@50:0.8960	
175	55	loss:0.7496	auprc:0.8840	euroc:0.9090	ap@50:0.8848	time:115.4
176						
177	56	loss:0.7504	auprc:0.8953	euroc:0.9159	ap@50:0.8954	
178	56	loss:0.7504	auprc:0.8836	euroc:0.9088	ap@50:0.8844	time:115.4
179						
180	57	loss:0.7507	auprc:0.8958	euroc:0.9163	ap@50:0.8959	
181	57	loss:0.7507	auprc:0.8842	euroc:0.9092	ap@50:0.8850	time:115.5
182						
183	58	loss:0.7503	auprc:0.8953	euroc:0.9160	ap@50:0.8954	
184	58	loss:0.7503	auprc:0.8836	euroc:0.9088	ap@50:0.8844	time:115.4
185						

186	59	loss:0.7485	auprc:0.8961	euroc:0.9164	ap@50:0.8962	
187	59	loss:0.7485	auprc:0.8843	euroc:0.9092	ap@50:0.8850	time:115.4
188						
189	60	loss:0.7465	auprc:0.8958	euroc:0.9164	ap@50:0.8959	
190	60	loss:0.7465	auprc:0.8841	euroc:0.9091	ap@50:0.8848	time:115.3
191						
192	61	loss:0.7468	auprc:0.8957	euroc:0.9163	ap@50:0.8958	
193	61	loss:0.7468	auprc:0.8841	euroc:0.9091	ap@50:0.8849	time:115.5
194						
195	62	loss:0.7478	auprc:0.8961	euroc:0.9165	ap@50:0.8962	
196	62	loss:0.7478	auprc:0.8845	euroc:0.9093	ap@50:0.8852	time:115.4
197						
198	63	loss:0.7486	auprc:0.8953	euroc:0.9161	ap@50:0.8954	
199	63	loss:0.7486	auprc:0.8840	euroc:0.9090	ap@50:0.8847	time:115.4
200						
201	64	loss:0.7471	auprc:0.8963	euroc:0.9167	ap@50:0.8964	
202	64	loss:0.7471	auprc:0.8845	euroc:0.9094	ap@50:0.8853	time:115.5
203						
204	65	loss:0.7454	auprc:0.8961	euroc:0.9166	ap@50:0.8962	
205	65	loss:0.7454	auprc:0.8843	euroc:0.9093	ap@50:0.8851	time:115.5
206						
207	66	loss:0.7454	auprc:0.8959	euroc:0.9165	ap@50:0.8960	
208	66	loss:0.7454	auprc:0.8844	euroc:0.9093	ap@50:0.8852	time:115.4
209						
210	67	loss:0.7460	auprc:0.8964	euroc:0.9167	ap@50:0.8965	
211	67	loss:0.7460	auprc:0.8847	euroc:0.9095	ap@50:0.8855	time:115.4
212						
213	68	loss:0.7465	auprc:0.8958	euroc:0.9164	ap@50:0.8959	
214	68	loss:0.7465	auprc:0.8843	euroc:0.9093	ap@50:0.8851	time:115.4
215						
216	69	loss:0.7462	auprc:0.8964	euroc:0.9167	ap@50:0.8965	
217	69	loss:0.7462	auprc:0.8848	euroc:0.9096	ap@50:0.8856	time:115.4
218						
219	70	loss:0.7446	auprc:0.8962	euroc:0.9167	ap@50:0.8963	
220	70	loss:0.7446	auprc:0.8845	euroc:0.9095	ap@50:0.8853	time:115.3
221						
222	71	loss:0.7438	auprc:0.8966	euroc:0.9169	ap@50:0.8967	
223	71	loss:0.7438	auprc:0.8847	euroc:0.9096	ap@50:0.8855	time:115.4
224						
225	72	loss:0.7444	auprc:0.8966	euroc:0.9169	ap@50:0.8966	
226	72	loss:0.7444	auprc:0.8850	euroc:0.9098	ap@50:0.8858	time:115.3
227						
228	73	loss:0.7449	auprc:0.8963	euroc:0.9168	ap@50:0.8964	
229	73	loss:0.7449	auprc:0.8847	euroc:0.9096	ap@50:0.8855	time:115.4
230						
231	74	loss:0.7448	auprc:0.8968	euroc:0.9171	ap@50:0.8969	
232	74	loss:0.7448	auprc:0.8852	euroc:0.9099	ap@50:0.8860	time:115.4
233						
234	75	loss:0.7441	auprc:0.8963	euroc:0.9168	ap@50:0.8964	
235	75	loss:0.7441	auprc:0.8847	euroc:0.9097	ap@50:0.8855	time:115.3
236						
237	76	loss:0.7425	auprc:0.8970	euroc:0.9172	ap@50:0.8971	
238	76	loss:0.7425	auprc:0.8852	euroc:0.9100	ap@50:0.8860	time:115.3
239						
240	77	loss:0.7419	auprc:0.8970	euroc:0.9173	ap@50:0.8971	
241	77	loss:0.7419	auprc:0.8852	euroc:0.9100	ap@50:0.8860	time:115.4
242						
243	78	loss:0.7420	auprc:0.8970	euroc:0.9173	ap@50:0.8971	
244	78	loss:0.7420	auprc:0.8852	euroc:0.9101	ap@50:0.8860	time:115.5
245						
246	79	loss:0.7423	auprc:0.8971	euroc:0.9175	ap@50:0.8972	
247	79	loss:0.7423	auprc:0.8856	euroc:0.9103	ap@50:0.8864	time:115.5

248						
249	80	loss:0.7426	auprc:0.8969	euroc:0.9173	ap@50:0.8970	
250	80	loss:0.7426	auprc:0.8852	euroc:0.9101	ap@50:0.8860	time:115.4
251						
252	81	loss:0.7427	auprc:0.8976	euroc:0.9178	ap@50:0.8977	
253	81	loss:0.7427	auprc:0.8858	euroc:0.9106	ap@50:0.8866	time:115.5
254						
255	82	loss:0.7412	auprc:0.8972	euroc:0.9176	ap@50:0.8973	
256	82	loss:0.7412	auprc:0.8855	euroc:0.9104	ap@50:0.8863	time:115.4
257						
258	83	loss:0.7399	auprc:0.8980	euroc:0.9181	ap@50:0.8981	
259	83	loss:0.7399	auprc:0.8861	euroc:0.9108	ap@50:0.8869	time:115.4
260						
261	84	loss:0.7390	auprc:0.8979	euroc:0.9180	ap@50:0.8980	
262	84	loss:0.7390	auprc:0.8861	euroc:0.9108	ap@50:0.8869	time:115.5
263						
264	85	loss:0.7383	auprc:0.8979	euroc:0.9181	ap@50:0.8980	
265	85	loss:0.7383	auprc:0.8863	euroc:0.9110	ap@50:0.8871	time:115.3
266						
267	86	loss:0.7386	auprc:0.8983	euroc:0.9183	ap@50:0.8984	
268	86	loss:0.7386	auprc:0.8866	euroc:0.9112	ap@50:0.8874	time:115.3
269						
270	87	loss:0.7388	auprc:0.8981	euroc:0.9183	ap@50:0.8982	
271	87	loss:0.7388	auprc:0.8864	euroc:0.9112	ap@50:0.8872	time:115.4
272						
273	88	loss:0.7384	auprc:0.8991	euroc:0.9189	ap@50:0.8992	
274	88	loss:0.7384	auprc:0.8871	euroc:0.9116	ap@50:0.8879	time:115.4
275						
276	89	loss:0.7381	auprc:0.8987	euroc:0.9188	ap@50:0.8988	
277	89	loss:0.7381	auprc:0.8868	euroc:0.9115	ap@50:0.8876	time:115.5
278						
279	90	loss:0.7377	auprc:0.8994	euroc:0.9192	ap@50:0.8995	
280	90	loss:0.7377	auprc:0.8876	euroc:0.9120	ap@50:0.8884	time:115.4
281						
282	91	loss:0.7371	auprc:0.8987	euroc:0.9188	ap@50:0.8988	
283	91	loss:0.7371	auprc:0.8873	euroc:0.9119	ap@50:0.8881	time:115.4
284						
285	92	loss:0.7352	auprc:0.8998	euroc:0.9195	ap@50:0.8999	
286	92	loss:0.7352	auprc:0.8879	euroc:0.9123	ap@50:0.8887	time:115.4
287						
288	93	loss:0.7339	auprc:0.8996	euroc:0.9195	ap@50:0.8997	
289	93	loss:0.7339	auprc:0.8879	euroc:0.9123	ap@50:0.8887	time:115.5
290						
291	94	loss:0.7325	auprc:0.9001	euroc:0.9198	ap@50:0.9002	
292	94	loss:0.7325	auprc:0.8883	euroc:0.9126	ap@50:0.8891	time:115.4
293						
294	95	loss:0.7322	auprc:0.9005	euroc:0.9201	ap@50:0.9006	
295	95	loss:0.7322	auprc:0.8886	euroc:0.9128	ap@50:0.8893	time:115.3
296						
297	96	loss:0.7319	auprc:0.9003	euroc:0.9201	ap@50:0.9004	
298	96	loss:0.7319	auprc:0.8886	euroc:0.9129	ap@50:0.8893	time:115.4
299						
300	97	loss:0.7319	auprc:0.9011	euroc:0.9205	ap@50:0.9012	
301	97	loss:0.7319	auprc:0.8891	euroc:0.9133	ap@50:0.8899	time:115.5
302						
303	98	loss:0.7311	auprc:0.9009	euroc:0.9205	ap@50:0.9010	
304	98	loss:0.7311	auprc:0.8889	euroc:0.9132	ap@50:0.8897	time:115.4
305						
306	99	loss:0.7310	auprc:0.9013	euroc:0.9207	ap@50:0.9014	
307	99	loss:0.7310	auprc:0.8895	euroc:0.9136	ap@50:0.8903	time:115.4
308						
309		Traceback (most recent call last):				

File - hhh

```
310  File "/home/sangsq/flower/PSEP/model/hhh.py", line 285, in <module>
311      with open(out_dir + 'train_out.pkl', 'wb') as f:
312  FileNotFoundError: [Errno 2] No such file or directory: '../new_out/tip-add(32-16)-(32-16-32-16-16)/train_out.pkl'
313  File: /home/sangsq/flower/PSEP/model/hhh.py
314  Function: train at line 190
315
316 Line # Max usage Peak usage diff max diff peak Line Contents
317 =====
318  190                                     @profile
319  191                                     def train():
320  192  345.21M    520.00M  59.62M  210.00M      model.train()
321  193
322  194  345.21M    520.00M  0.00B   0.00B   optimizer.zero_grad()
323  195  1.33G     5.29G  1013.39M  4.78G   z = model.encoder(data.d_feat,
324    data.dd_train_idx, data.dd_train_et, data.dd_train_range, data.d_norm, data.p_feat,
325    data.pp_train_indices, data.dp_edge_index, data.dp_range_list)
326  196
327  197  1.33G     1.49G  0.00B   -3.80G  pos_index = data.dd_train_idx
328  198  1.45G     1.74G  126.00M  252.00M  neg_index =
329    typed_negative_sampling(data.dd_train_idx, data.n_drug, data.dd_train_range).to(
330    device)
331  199
332  200  1.48G     3.09G  31.42M  1.35G   pos_score = checkpoint(model.
333    decoder, z, pos_index, data.dd_train_et)
334  201  1.51G     3.09G  31.42M  0.00B   neg_score = checkpoint(model.
335    decoder, z, neg_index, data.dd_train_et)
336  202
337  203                                     # pos_loss = F.
338    binary_cross_entropy(pos_score, torch.ones(pos_score.shape[0]).cuda())
339  204                                     # neg_loss = F.
340    binary_cross_entropy(neg_score, torch.ones(neg_score.shape[0]).cuda())
341  205  1.54G     1.64G  31.42M  -1.45G  pos_loss = -torch.log(pos_score
342    + EPS).mean()
343  206  1.57G     1.68G  32.00M  32.00M  neg_loss = -torch.log(1 -
344    neg_score + EPS).mean()
345  207  1.57G     1.64G  512.00B -32.00M  loss = pos_loss + neg_loss
346  208
347  209
348  210  534.10M   9.47G  -1.05G  7.83G   loss.backward()
349  211  534.10M   646.00M  0.00B   -8.84G  optimizer.step()
350  212
351  213  534.10M   646.00M  0.00B   0.00B   record = np.zeros((3, data.
352    n_dd_et)) # auprc, auroc, ap
353  214  534.49M   646.00M  401.50K  0.00B   for i in range(data.
354    dd_train_range.shape[0]):
355  215  534.49M   646.00M  0.00B   0.00B   [start, end] = data.
356    dd_train_range[i]
357  216  534.49M   646.00M  0.00B   0.00B   p_s = pos_score[start: end]
358  217  534.49M   646.00M  0.00B   0.00B   n_s = neg_score[start: end]
359  218
360  219  534.49M   646.00M  0.00B   0.00B   pos_target = torch.ones(p_s
361    .shape[0])
362  220  534.49M   646.00M  0.00B   0.00B   neg_target = torch.zeros(
363    n_s.shape[0])
364  221
365  222  534.49M   646.00M  0.00B   0.00B   score = torch.cat([p_s, n_s
366    ])
367  223  534.49M   646.00M  0.00B   0.00B   target = torch.cat([
368    pos_target, neg_target])
369  224
370  225  534.49M   646.00M  0.00B   0.00B   record[0, i], record[1, i]
```

File - hhh