

```
1 E:\Desktop\000\000\venv\Scripts\python.exe "D:\Bristol course\Data Science Dissertation\ExpBERT lab and thesis\BERT-IE-main\BERT-IE-main\BALD_MCD.py"
2 BALD_add_1_818
3 len test: 1605
4 len train and val 3211
5 len unannotated set 11241
6 len train 2408
7 len val 803
8 Downloading data files: 100%|██████████| 1/1 [00:00 <?, ?it/s]
9 Extracting data files: 0%|          | 0/1 [00:00 <?, ?it/s] Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-6ea5754107c8b728/0.0.0/6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1...
10 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 8.73it/s]
11 0%|          | 0/1 [00:00<?, ?it/s] Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-6ea5754107c8b728/0.0.0/6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1. Subsequent calls will reuse this data.
12 100%|██████████| 1/1 [00:00<00:00, 24.69it/s]
13 torch.Size([11241, 27])
14 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-259b2a09bf6cb170/0.0.0/6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1...
15 Downloading data files: 100%|██████████| 1/1 [00:00 <?, ?it/s]
16 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 109.62it/s]
17 100%|██████████| 1/1 [00:00<00:00, 80.35it/s]
18 Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-259b2a09bf6cb170/0.0.0/6954658bab30a358235fa864b05cf819af0e179325c740e4bc853
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18 bcc7ec513e1. Subsequent calls will reuse this data.
19 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 1996.34it/s]
20 Extracting data files: 100%|██████████| 1/1 [00:00<00
:00, 124.88it/s]
21 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
26bf752f00093fb0/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853  
bcc7ec513e1...
22 100%|██████████| 1/1 [00:00<00:00, 90.43it/s]
23 Dataset csv downloaded and prepared to C:/Users/admin  
.cache/huggingface/datasets/csv/default-  
26bf752f00093fb0/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853  
bcc7ec513e1. Subsequent calls will reuse this data.
24 embedding begin
25 BALD_add_1_818
26 BALD_add_1_818
27 BALD_add_1_818
28 BALD_add_1_818
29 BALD_add_1_818
30 BALD_add_1_818
31 BALD_add_1_818
32 BALD_add_1_818
33 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
abaa48851f58f8dd/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853  
bcc7ec513e1...
34 Dataset csv downloaded and prepared to C:/Users/admin  
.cache/huggingface/datasets/csv/default-  
abaa48851f58f8dd/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853  
bcc7ec513e1. Subsequent calls will reuse this data.
35 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
36 Extracting data files: 100%|██████████| 1/1 [00:00<00
:00, 946.15it/s]
37 100%|██████████| 1/1 [00:00<00:00, 64.51it/s]
38 Downloading data files: 100%|██████████| 1/1 [00:00
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38 <?, ?it/s]
39 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-6e60c3bb9b51a074/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1...
40 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 142.86it/s]
41 100%|██████████| 1/1 [00:00<00:00, 90.62it/s]
42 Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-6e60c3bb9b51a074/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1. Subsequent calls will reuse this data.
43 preprocess_samples begin ...
44 Downloading data files: 100%|██████████| 1/1 [00:00<00:00, 1987.82it/s]
45 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 1005.59it/s]
46 0%|          | 0/1 [00:00<?, ?it/s]Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-75d1b8ac0e52663e/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1...
47 Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-75d1b8ac0e52663e/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1. Subsequent calls will reuse this data.
48 100%|██████████| 1/1 [00:00<00:00, 95.19it/s]
49 Downloading data files: 100%|██████████| 1/1 [00:00<?, ?it/s]
50 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-18ebd8a22f2bb686/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853bcc7ec513e1...
51 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 118.43it/s]
52 100%|██████████| 1/1 [00:00<00:00, 96.73it/s]
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53 Dataset csv downloaded and prepared to C:/Users/admin  
/.cache/huggingface/datasets/csv/default-  
18ebd8a22f2bb686/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc853  
bcc7ec513e1. Subsequent calls will reuse this data.  
54 preprocess_samples begin ...  
55 classify begin  
56   0%|           | 0/30 [00:00<?, ?it/s]BALD_add_1_818  
57 BALD_add_1_818  
58 231it [00:05, 82.57it/s]BALD_add_1_818  
59 BALD_add_1_818  
60 BALD_add_1_818  
61 BALD_add_1_818  
62 561it [00:15, 63.73it/s]BALD_add_1_818  
63 BALD_add_1_818  
64 BALD_add_1_818  
65 BALD_add_1_818  
66 808it [00:25, 42.83it/s]BALD_add_1_818  
67 BALD_add_1_818  
68 BALD_add_1_818  
69 880it [00:35, 18.81it/s]BALD_add_1_818  
70 1095it [00:35, 49.64it/s]BALD_add_1_818  
71 BALD_add_1_818  
72 BALD_add_1_818  
73 1173it [00:45, 19.61it/s]BALD_add_1_818  
74 1388it [00:45, 52.96it/s]BALD_add_1_818  
75 BALD_add_1_818  
76 BALD_add_1_818  
77 1466it [00:55, 19.29it/s]BALD_add_1_818  
78 1751it [00:56, 71.39it/s]BALD_add_1_818  
79 BALD_add_1_818  
80 BALD_add_1_818  
81 BALD_add_1_818  
82 1972it [01:06, 40.40it/s]BALD_add_1_818  
83 BALD_add_1_818  
84 BALD_add_1_818  
85 2052it [01:16, 18.20it/s]BALD_add_1_818  
86 2339it [01:16, 67.85it/s]BALD_add_1_818  
87 BALD_add_1_818  
88 BALD_add_1_818  
89 BALD_add_1_818
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90 2567it [01:26, 40.82it/s]BALD_add_1_818
91 BALD_add_1_818
92 BALD_add_1_818
93 2638it [01:36, 17.90it/s]BALD_add_1_818
94 2852it [01:36, 49.18it/s]BALD_add_1_818
95 BALD_add_1_818
96 BALD_add_1_818
97 2931it [01:46, 19.36it/s]BALD_add_1_818
98 3194it [01:47, 67.40it/s]BALD_add_1_818
99 BALD_add_1_818
100 BALD_add_1_818
101 BALD_add_1_818
102 3513it [01:57, 60.34it/s]BALD_add_1_818
103 BALD_add_1_818
104 BALD_add_1_818
105 BALD_add_1_818
106 3764it [02:07, 43.06it/s]BALD_add_1_818
107 BALD_add_1_818
108 BALD_add_1_818
109 BALD_add_1_818
110 4098it [02:17, 55.31it/s]BALD_add_1_818
111 BALD_add_1_818
112 BALD_add_1_818
113 BALD_add_1_818
114 4344it [02:27, 41.50it/s]BALD_add_1_818
115 BALD_add_1_818
116 BALD_add_1_818
117 BALD_add_1_818
118 4675it [02:37, 54.25it/s]BALD_add_1_818
119 BALD_add_1_818
120 BALD_add_1_818
121 BALD_add_1_818
122 4928it [02:47, 46.45it/s]BALD_add_1_818
123 BALD_add_1_818
124 BALD_add_1_818
125 BALD_add_1_818
126 5220it [02:57, 50.76it/s]BALD_add_1_818
127 BALD_add_1_818
128 BALD_add_1_818
129 BALD_add_1_818
130 5536it [03:08, 54.94it/s]BALD_add_1_818
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131 BALD_add_1_818
132 BALD_add_1_818
133 BALD_add_1_818
134 5843it [03:18, 54.01it/s]BALD_add_1_818
135 BALD_add_1_818
136 BALD_add_1_818
137 BALD_add_1_818
138 6084it [03:28, 40.02it/s]BALD_add_1_818
139 BALD_add_1_818
140 BALD_add_1_818
141 6154it [03:38, 17.79it/s]BALD_add_1_818
142 6374it [03:38, 48.65it/s]BALD_add_1_818
143 BALD_add_1_818
144 BALD_add_1_818
145 6447it [03:48, 18.96it/s]BALD_add_1_818
146 6701it [03:49, 63.09it/s]BALD_add_1_818
147 BALD_add_1_818
148 BALD_add_1_818
149 BALD_add_1_818
150 7018it [03:59, 59.76it/s]BALD_add_1_818
151 BALD_add_1_818
152 BALD_add_1_818
153 BALD_add_1_818
154 7264it [04:09, 42.19it/s]BALD_add_1_818
155 BALD_add_1_818
156 BALD_add_1_818
157 BALD_add_1_818
158 7595it [04:19, 54.74it/s]BALD_add_1_818
159 BALD_add_1_818
160 BALD_add_1_818
161 BALD_add_1_818
162 7842it [04:29, 41.69it/s]BALD_add_1_818
163 BALD_add_1_818
164 BALD_add_1_818
165 7912it [04:38, 18.76it/s]BALD_add_1_818
166 8135it [04:39, 50.87it/s]BALD_add_1_818
167 BALD_add_1_818
168 BALD_add_1_818
169 8205it [04:49, 18.77it/s]BALD_add_1_818
170 8439it [04:49, 61.26it/s]BALD_add_1_818
171 BALD_add_1_818
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172 BALD_add_1_818
173 8498it [04:59, 17.61it/s]BALD_add_1_818
174 8773it [05:00, 73.47it/s]BALD_add_1_818
175 BALD_add_1_818
176 global t is : 0
177 BALD_add_1_818
178 BALD_add_1_818
179 BALD_add_1_818
180 BALD_add_1_818
181 test epoch results {'accuracy': 0.49673202614379086
, 'f1_weighted': 0.429029373719929, 'f1_macro': 0.
3091720897367313, 'f1': array([0.81025641, 0
. , 0.14545455, 0.10810811, 0.17073171,
182 0. , 0.4587156 , 0.57824143, 0.
51104101]), 'precision': array([0.81025641, 0
. , 0.66666667, 0.33333333, 0.65625 ,
183 0. , 0.38167939, 0.43595506, 0.
66942149]), 'recall': array([0.81025641, 0
. , 0.08163265, 0.06451613, 0.09813084,
184 0. , 0.57471264, 0.85840708, 0.
41326531])}
185 val epoch results {'accuracy': 0.6041666666666666, '
f1_weighted': 0.5384408945297493, 'f1_macro': 0.
35246646988257513, 'f1': array([0.83809524, 0
. , 0.33333333, 0.11494253, 0.23809524,
186 0. , 0.54166667, 0.69430052, 0.
41176471]), 'precision': array([0.83809524, 0
. , 1. , 0.5 , 0.71428571,
187 0. , 0.56521739, 0.55486542, 0.
63636364]), 'recall': array([0.83809524, 0
. , 0.2 , 0.06493506, 0.14285714,
188 0. , 0.52 , 0.92733564, 0.
30434783])}
189 8790it [05:15, 27.84it/s]
190 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-13afeebad798df95/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
191 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
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192 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 143.62it/s]
193 100%|██████████| 1/1 [00:00<00:00, 83.08it/s]
194 Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-13afeebad798df95/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
195 Downloading data files: 100%|██████████| 1/1 [00:00<00:00, 1009.46it/s]
196 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-62cf4894246440e5/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
197 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 142.03it/s]
198 100%|██████████| 1/1 [00:00<00:00, 92.43it/s]
199 Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-62cf4894246440e5/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
200 Downloading data files: 100%|██████████| 1/1 [00:00<00:00, 1999.19it/s]
201 Extracting data files: 100%|██████████| 1/1 [00:00<00:00, 95.55it/s]
202 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-4fb3a87b7724d50f/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
203 100%|██████████| 1/1 [00:00<00:00, 90.52it/s]
204 Dataset csv downloaded and prepared to C:/Users/admin/.cache/huggingface/datasets/csv/default-4fb3a87b7724d50f/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
205 Downloading data files: 100%|██████████| 1/1 [00:00<?, ?it/s]
206 Extracting data files: 0%|          | 0/1 [00:00
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206 <?, ?it/s]Downloading and preparing dataset csv/
default to C:/Users/admin/.cache/huggingface/
datasets/csv/default-b43e847e71d15ea6/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
207 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 8.97it/s]
208 0%|          | 0/1 [00:00<?, ?it/s]Dataset csv
downloaded and prepared to C:/Users/admin/.cache/
huggingface/datasets/csv/default-b43e847e71d15ea6/0.
0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
209 100%|██████████| 1/1 [00:00<00:00, 18.98it/s]
210 t is : 1
211 addlen is: 500
212 embedding begin
213 BALD_add_1_818
214 BALD_add_1_818
215 BALD_add_1_818
216 BALD_add_1_818
217 BALD_add_1_818
218 BALD_add_1_818
219 BALD_add_1_818
220 BALD_add_1_818
221 Found cached dataset csv (C:/Users/admin/.cache/
huggingface/datasets/csv/default-abaa48851f58f8dd/0.
0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1)
222 100%|██████████| 1/1 [00:00<00:00, 83.34it/s]
223 Downloading data files: 100%|██████████| 1/1 [00:00
<?, ?it/s]
224 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
a51e4cef803edfc7/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
225 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 124.51it/s]
226 100%|██████████| 1/1 [00:00<00:00, 68.97it/s]
```

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227 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
a51e4cef803edfc7/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
228 preprocess_samples begin ...
229 Found cached dataset csv (C:/Users/admin/.cache/
huggingface/datasets/csv/default-75d1b8ac0e52663e/0.
0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1)
230 100%|██████████| 1/1 [00:00<00:00, 927.12it/s]
231 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
232 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 140.60it/s]
233 Generating train split: 0 examples [00:00, ?
examples/s]Downloading and preparing dataset csv/
default to C:/Users/admin/.cache/huggingface/
datasets/csv/default-74483e6dc973cb6e/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
234 100%|██████████| 1/1 [00:00<00:00, 93.96it/s]
235 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
74483e6dc973cb6e/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
236 preprocess_samples begin ...
237 classify begin
238   0%|          | 0/30 [00:00<?, ?it/s]BALD_add_1_818
239 BALD_add_1_818
240 333it [00:10, 78.18it/s]BALD_add_1_818
241 BALD_add_1_818
242 BALD_add_1_818
243 BALD_add_1_818
244 684it [00:25, 54.77it/s]BALD_add_1_818
245 BALD_add_1_818
246 BALD_add_1_818
247 721it [00:38, 12.21it/s]BALD_add_1_818
248 1040it [00:38, 60.92it/s]BALD_add_1_818
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249 BALD_add_1_818
250 BALD_add_1_818
251 BALD_add_1_818
252 1359it [00:52, 46.25it/s]BALD_add_1_818
253 BALD_add_1_818
254 BALD_add_1_818
255 BALD_add_1_818
256 1760it [01:05, 61.24it/s]BALD_add_1_818
257 BALD_add_1_818
258 BALD_add_1_818
259 1801it [01:20, 13.30it/s]BALD_add_1_818
260 2151it [01:20, 63.96it/s]BALD_add_1_818
261 BALD_add_1_818
262 BALD_add_1_818
263 BALD_add_1_818
264 2514it [01:35, 48.32it/s]BALD_add_1_818
265 BALD_add_1_818
266 BALD_add_1_818
267 2521it [01:49, 11.65it/s]BALD_add_1_818
268 2862it [01:49, 57.26it/s]BALD_add_1_818
269 BALD_add_1_818
270 BALD_add_1_818
271 BALD_add_1_818
272 3215it [02:04, 46.29it/s]BALD_add_1_818
273 BALD_add_1_818
274 BALD_add_1_818
275 3241it [02:18, 12.37it/s]BALD_add_1_818
276 3587it [02:18, 59.05it/s]BALD_add_1_818
277 BALD_add_1_818
278 BALD_add_1_818
279 BALD_add_1_818
280 3928it [02:32, 48.49it/s]BALD_add_1_818
281 BALD_add_1_818
282 BALD_add_1_818
283 BALD_add_1_818
284 4264it [02:45, 45.91it/s]BALD_add_1_818
285 BALD_add_1_818
286 BALD_add_1_818
287 4321it [02:58, 14.48it/s]BALD_add_1_818
288 4650it [02:59, 61.01it/s]BALD_add_1_818
289 BALD_add_1_818
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290 BALD_add_1_818
291 BALD_add_1_818
292 4997it [03:13, 47.74it/s]BALD_add_1_818
293 BALD_add_1_818
294 BALD_add_1_818
295 BALD_add_1_818
296 5355it [03:27, 46.14it/s]BALD_add_1_818
297 BALD_add_1_818
298 BALD_add_1_818
299 5401it [03:41, 13.53it/s]BALD_add_1_818
300 5735it [03:42, 58.56it/s]BALD_add_1_818
301 BALD_add_1_818
302 BALD_add_1_818
303 BALD_add_1_818
304 6088it [03:56, 47.11it/s]BALD_add_1_818
305 BALD_add_1_818
306 BALD_add_1_818
307 6121it [04:10, 12.88it/s]BALD_add_1_818
308 6466it [04:11, 59.39it/s]BALD_add_1_818
309 BALD_add_1_818
310 BALD_add_1_818
311 BALD_add_1_818
312 6777it [04:25, 42.20it/s]BALD_add_1_818
313 BALD_add_1_818
314 BALD_add_1_818
315 6841it [04:38, 14.26it/s]BALD_add_1_818
316 7153it [04:38, 58.78it/s]BALD_add_1_818
317 BALD_add_1_818
318 BALD_add_1_818
319 BALD_add_1_818
320 7478it [04:52, 47.42it/s]BALD_add_1_818
321 BALD_add_1_818
322 BALD_add_1_818
323 BALD_add_1_818
324 7890it [05:05, 63.67it/s]BALD_add_1_818
325 BALD_add_1_818
326 BALD_add_1_818
327 7921it [05:19, 13.09it/s]BALD_add_1_818
328 8263it [05:19, 62.38it/s]BALD_add_1_818
329 BALD_add_1_818
330 BALD_add_1_818
```

```
331 BALD_add_1_818
332 8621it [05:34, 48.07it/s]BALD_add_1_818
333 BALD_add_1_818
334 BALD_add_1_818
335 8641it [05:48, 12.24it/s]BALD_add_1_818
336 8986it [05:48, 59.30it/s]BALD_add_1_818
337 BALD_add_1_818
338 BALD_add_1_818
339 BALD_add_1_818
340 9344it [06:03, 47.27it/s]BALD_add_1_818
341 BALD_add_1_818
342 BALD_add_1_818
343 BALD_add_1_818
344 9706it [06:17, 45.83it/s]BALD_add_1_818
345 BALD_add_1_818
346 BALD_add_1_818
347 9721it [06:30, 12.70it/s]BALD_add_1_818
348 10025it [06:31, 54.22it/s]BALD_add_1_818
349 BALD_add_1_818
350 BALD_add_1_818
351 BALD_add_1_818
352 10421it [06:44, 64.25it/s]BALD_add_1_818
353 BALD_add_1_818
354 BALD_add_1_818
355 BALD_add_1_818
356 10749it [06:57, 48.07it/s]BALD_add_1_818
357 BALD_add_1_818
358 global t is : 1
359 BALD_add_1_818
360 BALD_add_1_818
361 BALD_add_1_818
362 BALD_add_1_818
363 test epoch results {'accuracy': 0.5176470588235295
, 'f1_weighted': 0.46756511609468304, 'f1_macro': 0.
3477450418803669, 'f1': array([0.83636364, 0
, 0.21428571, 0.1509434 , 0.37254902,
364 0. , 0.46786632, 0.58103062, 0.
50666667]), 'precision': array([0.84736842, 0
, 0.85714286, 0.34285714, 0.61956522,
365 0. , 0.42325581, 0.43855693, 0.
73076923]), 'recall': array([0.82564103, 0
```

```
365 . , 0.12244898, 0.09677419, 0.26635514,  
366 0. , 0.52298851, 0.86061947, 0.3877551  
])}  
367 val epoch results {'accuracy': 0.6027777777777777, '  
f1_weighted': 0.5450864864708066, 'f1_macro': 0.  
3709215167548501, 'f1': array([0.82857143, 0  
. , 0.33333333, 0.15555556, 0.38596491,  
368 0. , 0.54135338, 0.6875 , 0.  
40601504]), 'precision': array([0.82857143, 0  
. , 1. , 0.53846154, 0.5  
369 0. , 0.62068966, 0.55114823, 0.  
65853659]), 'recall': array([0.82857143, 0  
. , 0.2 , 0.09090909, 0.31428571,  
370 0. , 0.48 , 0.91349481, 0.  
29347826])}  
371 10800it [07:13, 24.93it/s]  
372 mc dropout begin  
373 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
dd745626ebc70026/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
374 Downloading data files: 100%|██████████| 1/1 [00:00  
<?, ?it/s]  
375 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 124.86it/s]  
376 100%|██████████| 1/1 [00:00<00:00, 86.67it/s]  
377 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
dd745626ebc70026/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1. Subsequent calls will reuse this data.  
378 Downloading data files: 100%|██████████| 1/1 [00:00<  
00:00, 1842.03it/s]  
379 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
0dca8b042ed456db/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
380 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 124.94it/s]
```

```
381 100%|██████████| 1/1 [00:00<00:00, 95.29it/s]
382 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
0dca8b042ed456db/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
383 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 1848.53it/s]
384 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
6f3437c2e73b5958/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
385 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 124.91it/s]
386 100%|██████████| 1/1 [00:00<00:00, 90.22it/s]
387 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
6f3437c2e73b5958/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
388 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
389 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
d992f439f03b2ebc/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
390 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 8.93it/s]
391 0%|          | 0/1 [00:00<, ?it/s]Dataset csv
downloaded and prepared to C:/Users/admin/.cache/
huggingface/datasets/csv/default-d992f439f03b2ebc/0.
0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
392 100%|██████████| 1/1 [00:00<00:00, 30.76it/s]
393 t is : 2
394 addlen is: 1000
395 embedding begin
396 BALD_add_1_818
```

```
397 BALD_add_1_818
398 BALD_add_1_818
399 BALD_add_1_818
400 BALD_add_1_818
401 BALD_add_1_818
402 BALD_add_1_818
403 BALD_add_1_818
404 Found cached dataset csv (C:/Users/admin/.cache/
    huggingface/datasets/csv/default-abaa48851f58f8dd/0.
    0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
    3bcc7ec513e1)
405 100%|██████████| 1/1 [00:00<00:00, 999.12it/s]
406 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
407 Extracting data files: 100%|██████████| 1/1 [00:00<
    00:00, 139.68it/s]
408 Generating train split: 0 examples [00:00, ?
    examples/s]Downloading and preparing dataset csv/
    default to C:/Users/admin/.cache/huggingface/
    datasets/csv/default-74dec5f4f5c1f68d/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
    3bcc7ec513e1...
409 100%|██████████| 1/1 [00:00<00:00, 90.86it/s]
410 Dataset csv downloaded and prepared to C:/Users/
    admin/.cache/huggingface/datasets/csv/default-
    74dec5f4f5c1f68d/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
    3bcc7ec513e1. Subsequent calls will reuse this data.
411 preprocess_samples begin ...
412 Found cached dataset csv (C:/Users/admin/.cache/
    huggingface/datasets/csv/default-75d1b8ac0e52663e/0.
    0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
    3bcc7ec513e1)
413 100%|██████████| 1/1 [00:00<00:00, 996.27it/s]
414 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
415 Downloading and preparing dataset csv/default to C:/
    Users/admin/.cache/huggingface/datasets/csv/default-
    020509f4c22ed9f3/0.0.0/
```

```
415      6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
      3bcc7ec513e1...  
416 Extracting data files: 100%|██████████| 1/1 [00:00<  
      00:00, 139.45it/s]  
417 100%|██████████| 1/1 [00:00<00:00, 90.48it/s]  
418 Dataset csv downloaded and prepared to C:/Users/  
      admin/.cache/huggingface/datasets/csv/default-  
      020509f4c22ed9f3/0.0.0/  
      6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
      3bcc7ec513e1. Subsequent calls will reuse this data.  
419 preprocess_samples begin ...  
420 classify begin  
421 0%|          | 0/30 [00:00<?, ?it/s]BALD_add_1_818  
422 BALD_add_1_818  
423 405it [00:08, 138.38it/s]BALD_add_1_818  
424 BALD_add_1_818  
425 BALD_add_1_818  
426 BALD_add_1_818  
427 816it [00:23, 66.89it/s]BALD_add_1_818  
428 BALD_add_1_818  
429 BALD_add_1_818  
430 835it [00:37, 12.25it/s]BALD_add_1_818  
431 1179it [00:37, 62.73it/s]BALD_add_1_818  
432 BALD_add_1_818  
433 BALD_add_1_818  
434 BALD_add_1_818  
435 1621it [00:52, 66.46it/s]BALD_add_1_818  
436 BALD_add_1_818  
437 BALD_add_1_818  
438 1669it [01:05, 15.83it/s]BALD_add_1_818  
439 2077it [01:05, 91.50it/s]BALD_add_1_818  
440 BALD_add_1_818  
441 BALD_add_1_818  
442 BALD_add_1_818  
443 2489it [01:19, 71.54it/s]BALD_add_1_818  
444 BALD_add_1_818  
445 BALD_add_1_818  
446 BALD_add_1_818  
447 2899it [01:32, 68.06it/s]BALD_add_1_818  
448 BALD_add_1_818
```

```
449 BALD_add_1_818
450 2920it [01:46, 13.06it/s]BALD_add_1_818
451 3253it [01:46, 63.66it/s]BALD_add_1_818
452 BALD_add_1_818
453 BALD_add_1_818
454 BALD_add_1_818
455 3685it [02:00, 67.40it/s]BALD_add_1_818
456 BALD_add_1_818
457 BALD_add_1_818
458 3754it [02:14, 15.72it/s]BALD_add_1_818
459 4099it [02:15, 65.46it/s]BALD_add_1_818
460 BALD_add_1_818
461 BALD_add_1_818
462 BALD_add_1_818
463 4539it [02:30, 66.04it/s]BALD_add_1_818
464 BALD_add_1_818
465 BALD_add_1_818
466 4588it [02:44, 14.64it/s]BALD_add_1_818
467 4928it [02:44, 63.66it/s]BALD_add_1_818
468 BALD_add_1_818
469 BALD_add_1_818
470 BALD_add_1_818
471 5377it [02:59, 77.80it/s]BALD_add_1_818
472 BALD_add_1_818
473 BALD_add_1_818
474 BALD_add_1_818
475 5766it [03:12, 66.61it/s]BALD_add_1_818
476 BALD_add_1_818
477 BALD_add_1_818
478 5839it [03:25, 16.46it/s]BALD_add_1_818
479 6235it [03:26, 91.24it/s]BALD_add_1_818
480 BALD_add_1_818
481 BALD_add_1_818
482 BALD_add_1_818
483 6649it [03:39, 71.35it/s]BALD_add_1_818
484 BALD_add_1_818
485 BALD_add_1_818
486 BALD_add_1_818
487 7085it [03:54, 67.70it/s]BALD_add_1_818
488 BALD_add_1_818
489 BALD_add_1_818
```

```
490 BALD_add_1_818
491 7437it [04:08, 48.47it/s]BALD_add_1_818
492 BALD_add_1_818
493 BALD_add_1_818
494 BALD_add_1_818
495 7869it [04:22, 62.17it/s]BALD_add_1_818
496 BALD_add_1_818
497 BALD_add_1_818
498 7924it [04:37, 14.96it/s]BALD_add_1_818
499 8262it [04:37, 63.89it/s]BALD_add_1_818
500 BALD_add_1_818
501 BALD_add_1_818
502 BALD_add_1_818
503 8698it [04:52, 64.88it/s]BALD_add_1_818
504 BALD_add_1_818
505 BALD_add_1_818
506 8758it [05:05, 16.33it/s]BALD_add_1_818
507 9146it [05:05, 87.79it/s]BALD_add_1_818
508 BALD_add_1_818
509 BALD_add_1_818
510 BALD_add_1_818
511 9541it [05:19, 67.65it/s]BALD_add_1_818
512 BALD_add_1_818
513 BALD_add_1_818
514 BALD_add_1_818
515 10000it [05:32, 87.34it/s]BALD_add_1_818
516 BALD_add_1_818
517 BALD_add_1_818
518 10009it [05:46, 11.96it/s]BALD_add_1_818
519 10417it [05:46, 91.36it/s]BALD_add_1_818
520 BALD_add_1_818
521 BALD_add_1_818
522 BALD_add_1_818
523 10834it [06:00, 67.67it/s]BALD_add_1_818
524 BALD_add_1_818
525 BALD_add_1_818
526 10843it [06:14, 12.01it/s]BALD_add_1_818
527 11256it [06:15, 85.34it/s]BALD_add_1_818
528 BALD_add_1_818
529 BALD_add_1_818
530 BALD_add_1_818
```

```
531 11605it [06:29, 49.02it/s]BALD_add_1_818
532 BALD_add_1_818
533 BALD_add_1_818
534 11677it [06:44, 14.88it/s]BALD_add_1_818
535 12008it [06:44, 60.04it/s]BALD_add_1_818
536 BALD_add_1_818
537 BALD_add_1_818
538 BALD_add_1_818
539 12508it [06:59, 104.28it/s]BALD_add_1_818
540 BALD_add_1_818
541 global t is : 2
542 BALD_add_1_818
543 BALD_add_1_818
544 BALD_add_1_818
545 BALD_add_1_818
546 12510it [07:14, 104.28it/s]test epoch results {'accuracy': 0.5516339869281046, 'f1_weighted': 0.5098812851917257, 'f1_macro': 0.3847702097004929, 'f1': array([0.8372093, 0.          , 0.23188406, 0.20253165, 0.55932203,
547           0.          , 0.53291536, 0.59588477, 0.50318471]), 'precision': array([0.84375, 0.          , 0.4          , 0.47058824, 0.51162791,
548           0.          , 0.5862069, 0.47444299, 0.66949153]), 'recall': array([0.83076923, 0.          , 0.16326531, 0.12903226, 0.61682243,
549           0.          , 0.48850575, 0.80088496, 0.40306122])}
550 val epoch results {'accuracy': 0.6152777777777778, 'f1_weighted': 0.5645881288543132, 'f1_macro': 0.414119782967168, 'f1': array([0.83091787, 0.          , 0.57142857, 0.16666667, 0.48837209,
551           0.          , 0.58267717, 0.71020408, 0.37681159]), 'precision': array([0.84313725, 0.          , 1.          , 0.42105263, 0.41176471,
552           0.          , 0.71153846, 0.58520179, 0.56521739]), 'recall': array([0.81904762, 0.          , 0.4          , 0.1038961, 0.6          ,
553           0.          , 0.49333333, 0.90311419, 0.2826087])}
554 12510it [07:14, 28.78it/s]
```

```
555 mc dropout begin
556 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-0262bae05715e2d2/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
557 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
558 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 82.74it/s]
559 100%|██████████| 1/1 [00:00<00:00, 83.01it/s]
560 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
0262bae05715e2d2/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
561 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 1958.13it/s]
562 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-
93aa31659b8a5369/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
563 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 123.41it/s]
564 100%|██████████| 1/1 [00:00<00:00, 89.26it/s]
565 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
93aa31659b8a5369/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
566 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 1987.82it/s]
567 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-
16d375637931ccb1/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
568 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 133.51it/s]
569 100%|██████████| 1/1 [00:00<00:00, 87.26it/s]
```

```
570 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
16d375637931ccb1/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
571 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 999.60it/s]
572 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
434ebf6640b0cf0d/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
573 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 5.91it/s]
574 100%|██████████| 1/1 [00:00<00:00, 76.93it/s]
575 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
434ebf6640b0cf0d/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
576 t is : 3
577 addlen is: 1500
578 embedding begin
579 BALD_add_1_818
580 BALD_add_1_818
581 BALD_add_1_818
582 BALD_add_1_818
583 BALD_add_1_818
584 BALD_add_1_818
585 BALD_add_1_818
586 BALD_add_1_818
587 Found cached dataset csv (C:/Users/admin/.cache/
huggingface/datasets/csv/default-abaa48851f58f8dd/0.
0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1)
588 100%|██████████| 1/1 [00:00<00:00, 285.91it/s]
589 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 2002.05it/s]
590 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
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590 c8b1e942b15117d8/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
591 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 117.13it/s]  
592 100%|██████████| 1/1 [00:00<00:00, 66.64it/s]  
593 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
c8b1e942b15117d8/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1. Subsequent calls will reuse this data.  
594 preprocess_samples begin ...  
595 Found cached dataset csv (C:/Users/admin/.cache/  
huggingface/datasets/csv/default-75d1b8ac0e52663e/0.  
0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1)  
596 100%|██████████| 1/1 [00:00<00:00, 472.76it/s]  
597 Downloading data files: 100%|██████████| 1/1 [00:00  
<, ?it/s]  
598 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 117.06it/s]  
599 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
804bb17ac2c3df15/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
600 100%|██████████| 1/1 [00:00<00:00, 98.31it/s]  
601 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
804bb17ac2c3df15/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1. Subsequent calls will reuse this data.  
602 preprocess_samples begin ...  
603 classify begin  
604 0%|          | 0/30 [00:00<?, ?it/s]BALD_add_1_818  
605 BALD_add_1_818  
606 442it [00:09, 164.10it/s]BALD_add_1_818  
607 BALD_add_1_818  
608 BALD_add_1_818  
609 BALD_add_1_818
```

```
610 904it [00:23, 95.75it/s]BALD_add_1_818
611 BALD_add_1_818
612 BALD_add_1_818
613 BALD_add_1_818
614 1449it [00:36, 126.55it/s]BALD_add_1_818
615 BALD_add_1_818
616 BALD_add_1_818
617 BALD_add_1_818
618 1916it [00:50, 95.21it/s]BALD_add_1_818
619 BALD_add_1_818
620 BALD_add_1_818
621 BALD_add_1_818
622 2405it [01:05, 90.94it/s]BALD_add_1_818
623 BALD_add_1_818
624 BALD_add_1_818
625 2421it [01:19, 12.53it/s]BALD_add_1_818
626 2889it [01:20, 114.18it/s]BALD_add_1_818
627 BALD_add_1_818
628 BALD_add_1_818
629 BALD_add_1_818
630 3360it [01:34, 88.57it/s]BALD_add_1_818
631 BALD_add_1_818
632 BALD_add_1_818
633 3389it [01:49, 13.07it/s]BALD_add_1_818
634 3856it [01:49, 117.56it/s]BALD_add_1_818
635 BALD_add_1_818
636 BALD_add_1_818
637 BALD_add_1_818
638 4333it [02:04, 90.37it/s]BALD_add_1_818
639 BALD_add_1_818
640 BALD_add_1_818
641 4357it [02:17, 13.72it/s]BALD_add_1_818
642 4819it [02:18, 121.31it/s]BALD_add_1_818
643 BALD_add_1_818
644 BALD_add_1_818
645 BALD_add_1_818
646 5288it [02:31, 95.07it/s]BALD_add_1_818
647 BALD_add_1_818
648 BALD_add_1_818
649 BALD_add_1_818
650 5762it [02:45, 95.23it/s]BALD_add_1_818
```

```
651 BALD_add_1_818
652 BALD_add_1_818
653 5809it [02:59, 14.34it/s]BALD_add_1_818
654 6291it [03:00, 120.49it/s]BALD_add_1_818
655 BALD_add_1_818
656 BALD_add_1_818
657 BALD_add_1_818
658 6696it [03:14, 68.94it/s]BALD_add_1_818
659 BALD_add_1_818
660 BALD_add_1_818
661 6777it [03:28, 16.15it/s]BALD_add_1_818
662 7254it [03:28, 119.42it/s]BALD_add_1_818
663 BALD_add_1_818
664 BALD_add_1_818
665 BALD_add_1_818
666 7741it [03:43, 92.70it/s]BALD_add_1_818
667 BALD_add_1_818
668 BALD_add_1_818
669 7745it [03:57, 12.15it/s]BALD_add_1_818
670 8147it [03:57, 87.08it/s]BALD_add_1_818
671 BALD_add_1_818
672 BALD_add_1_818
673 BALD_add_1_818
674 8698it [04:12, 122.91it/s]BALD_add_1_818
675 BALD_add_1_818
676 BALD_add_1_818
677 BALD_add_1_818
678 9178it [04:25, 96.94it/s]BALD_add_1_818
679 BALD_add_1_818
680 BALD_add_1_818
681 9197it [04:38, 13.82it/s]BALD_add_1_818
682 9651it [04:39, 122.40it/s]BALD_add_1_818
683 BALD_add_1_818
684 BALD_add_1_818
685 BALD_add_1_818
686 10131it [04:52, 96.96it/s]BALD_add_1_818
687 BALD_add_1_818
688 BALD_add_1_818
689 BALD_add_1_818
690 10591it [05:07, 97.44it/s]BALD_add_1_818
691 BALD_add_1_818
```

```
692 BALD_add_1_818
693 BALD_add_1_818
694 11118it [05:23, 113.71it/s]BALD_add_1_818
695 BALD_add_1_818
696 BALD_add_1_818
697 11133it [05:37, 12.92it/s] BALD_add_1_818
698 11604it [05:37, 122.87it/s]BALD_add_1_818
699 BALD_add_1_818
700 BALD_add_1_818
701 BALD_add_1_818
702 12072it [05:52, 92.20it/s]BALD_add_1_818
703 BALD_add_1_818
704 BALD_add_1_818
705 BALD_add_1_818
706 12544it [06:05, 92.55it/s]BALD_add_1_818
707 BALD_add_1_818
708 BALD_add_1_818
709 12585it [06:18, 14.83it/s]BALD_add_1_818
710 13054it [06:19, 125.29it/s]BALD_add_1_818
711 BALD_add_1_818
712 BALD_add_1_818
713 BALD_add_1_818
714 13508it [06:33, 87.52it/s]BALD_add_1_818
715 BALD_add_1_818
716 BALD_add_1_818
717 13553it [06:47, 13.55it/s]BALD_add_1_818
718 14029it [06:48, 118.35it/s]BALD_add_1_818
719 BALD_add_1_818
720 BALD_add_1_818
721 BALD_add_1_818
722 14434it [07:02, 67.11it/s]BALD_add_1_818
723 BALD_add_1_818
724 global t is : 3
725 BALD_add_1_818
726 BALD_add_1_818
727 14520it [07:17, 67.11it/s]BALD_add_1_818
728 BALD_add_1_818
729 test epoch results {'accuracy': 0.5483660130718955
, 'f1_weighted': 0.5127946745988349, 'f1_macro': 0.
4067164454627178, 'f1': array([0.84130982, 0
, 0.43396226, 0.24858757, 0.54473161,
```

```
730          0.        , 0.48905109, 0.58833619, 0.
51446945]), 'precision': array([0.82673267, 0
.        , 0.40350877, 0.41509434, 0.47404844,
731          0.        , 0.67        , 0.48039216, 0.
69565217]), 'recall': array([0.85641026, 0
.        , 0.46938776, 0.17741935, 0.64018692,
732          0.        , 0.38505747, 0.75884956, 0.
40816327])}
733 val epoch results {'accuracy': 0.6180555555555556, 'f1_weighted': 0.5735102904423605, 'f1_macro': 0.
4140627534241126, 'f1': array([0.85714286, 0
.        , 0.58823529, 0.20952381, 0.42424242,
734          0.        , 0.46017699, 0.72245467, 0.
46478873]), 'precision': array([0.85714286, 0
.        , 0.71428571, 0.39285714, 0.328125
.        , 0.68421053, 0.60514019, 0.66
]), 'recall': array([0.85714286, 0.        , 0
.5        , 0.14285714, 0.6        ,
736          0.        , 0.34666667, 0.89619377, 0.
35869565])}
737 14520it [07:18, 33.12it/s]
738 mc dropout begin
739 Downloading data files: 100%|██████████| 1/1 [00:00
<?, ?it/s]
740 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 154.04it/s]
741 Generating train split: 0 examples [00:00, ?
examples/s]Downloading and preparing dataset csv/
default to C:/Users/admin/.cache/huggingface/
datasets/csv/default-b3af88aeda9c8b51/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
742 100%|██████████| 1/1 [00:00<00:00, 90.99it/s]
743 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
b3af88aeda9c8b51/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
744 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 1012.63it/s]
745 Extracting data files: 100%|██████████| 1/1 [00:00<
```

```
745 00:00, 120.75it/s]
746 Generating train split: 0 examples [00:00, ?
examples/s]Downloading and preparing dataset csv/
default to C:/Users/admin/.cache/huggingface/
datasets/csv/default-f9997b126d3ca741/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
747 100%|██████████| 1/1 [00:00<00:00, 91.29it/s]
748 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
f9997b126d3ca741/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
749 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
750 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 99.98it/s]
751 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
61f1cd9e3913e18d/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
752 100%|██████████| 1/1 [00:00<00:00, 91.12it/s]
753 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
61f1cd9e3913e18d/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
754 Downloading data files: 100%|██████████| 1/1 [00:00<
00:00, 2002.05it/s]
755 Downloading and preparing dataset csv/default to C:/
Users/admin/.cache/huggingface/datasets/csv/default-
239234046c8132cb/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
756 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 8.45it/s]
757 0%|          | 0/1 [00:00<?, ?it/s]Dataset csv
downloaded and prepared to C:/Users/admin/.cache/
huggingface/datasets/csv/default-239234046c8132cb/0.
0.0/
```

```
757 6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
    3bcc7ec513e1. Subsequent calls will reuse this data.  
758 100%|██████████| 1/1 [00:00<00:00, 28.28it/s]  
759 t is : 4  
760 addlen is: 2000  
761 embedding begin  
762 BALD_add_1_818  
763 BALD_add_1_818  
764 BALD_add_1_818  
765 BALD_add_1_818  
766 BALD_add_1_818  
767 BALD_add_1_818  
768 BALD_add_1_818  
769 BALD_add_1_818  
770 Found cached dataset csv (C:/Users/admin/.cache/  
    huggingface/datasets/csv/default-abaa48851f58f8dd/0.  
    0.0/  
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
    3bcc7ec513e1)  
771 100%|██████████| 1/1 [00:00<00:00, 499.20it/s]  
772 Downloading data files: 100%|██████████| 1/1 [00:00<  
    00:00, 928.97it/s]  
773 Extracting data files: 100%|██████████| 1/1 [00:00<  
    00:00, 123.25it/s]  
774 Downloading and preparing dataset csv/default to C:/  
    Users/admin/.cache/huggingface/datasets/csv/default-  
    480d7fd0d43c785f/0.0.0/  
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
    3bcc7ec513e1...  
775 100%|██████████| 1/1 [00:00<00:00, 68.46it/s]  
776 Dataset csv downloaded and prepared to C:/Users/  
    admin/.cache/huggingface/datasets/csv/default-  
    480d7fd0d43c785f/0.0.0/  
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
    3bcc7ec513e1. Subsequent calls will reuse this data.  
777 preprocess_samples begin ...  
778 Found cached dataset csv (C:/Users/admin/.cache/  
    huggingface/datasets/csv/default-75d1b8ac0e52663e/0.  
    0.0/  
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
```

```
778 3bcc7ec513e1)
779 100%|██████████| 1/1 [00:00<00:00, 485.17it/s]
780 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
781 Downloading and preparing dataset csv/default to C:/Users/admin/.cache/huggingface/datasets/csv/default-8ab0ae3b9c1675b9/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1...
782 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 133.25it/s]
783 100%|██████████| 1/1 [00:00<00:00, 68.70it/s]
784 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
8ab0ae3b9c1675b9/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
3bcc7ec513e1. Subsequent calls will reuse this data.
785 preprocess_samples begin ...
786 classify begin
787 0%|          | 0/30 [00:00<?, ?it/s]BALD_add_1_818
788 BALD_add_1_818
789 538it [00:10, 279.86it/s]BALD_add_1_818
790 BALD_add_1_818
791 BALD_add_1_818
792 BALD_add_1_818
793 1037it [00:24, 121.52it/s]BALD_add_1_818
794 BALD_add_1_818
795 BALD_add_1_818
796 BALD_add_1_818
797 1585it [00:38, 130.69it/s]BALD_add_1_818
798 BALD_add_1_818
799 BALD_add_1_818
800 1621it [00:52, 14.20it/s] BALD_add_1_818
801 2106it [00:53, 125.42it/s]BALD_add_1_818
802 BALD_add_1_818
803 BALD_add_1_818
804 BALD_add_1_818
805 2682it [01:08, 130.63it/s]BALD_add_1_818
806 BALD_add_1_818
807 BALD_add_1_818
808 2701it [01:21, 14.13it/s] BALD_add_1_818
```

```
809 3185it [01:22, 128.37it/s]BALD_add_1_818
810 BALD_add_1_818
811 BALD_add_1_818
812 BALD_add_1_818
813 3757it [01:37, 144.50it/s]BALD_add_1_818
814 BALD_add_1_818
815 BALD_add_1_818
816 3781it [01:50, 13.28it/s] BALD_add_1_818
817 4311it [01:50, 169.07it/s]BALD_add_1_818
818 BALD_add_1_818
819 BALD_add_1_818
820 BALD_add_1_818
821 4859it [02:04, 133.29it/s]BALD_add_1_818
822 BALD_add_1_818
823 BALD_add_1_818
824 BALD_add_1_818
825 5370it [02:18, 124.75it/s]BALD_add_1_818
826 BALD_add_1_818
827 BALD_add_1_818
828 5401it [02:32, 13.24it/s] BALD_add_1_818
829 5870it [02:33, 120.90it/s]BALD_add_1_818
830 BALD_add_1_818
831 BALD_add_1_818
832 BALD_add_1_818
833 6436it [02:48, 124.78it/s]BALD_add_1_818
834 BALD_add_1_818
835 BALD_add_1_818
836 6481it [03:02, 14.86it/s] BALD_add_1_818
837 6958it [03:02, 123.18it/s]BALD_add_1_818
838 BALD_add_1_818
839 BALD_add_1_818
840 BALD_add_1_818
841 7522it [03:17, 127.91it/s]BALD_add_1_818
842 BALD_add_1_818
843 BALD_add_1_818
844 7561it [03:31, 14.89it/s] BALD_add_1_818
845 8034it [03:31, 124.95it/s]BALD_add_1_818
846 BALD_add_1_818
847 BALD_add_1_818
848 BALD_add_1_818
849 8577it [03:45, 123.23it/s]BALD_add_1_818
```

```
850 BALD_add_1_818
851 BALD_add_1_818
852 BALD_add_1_818
853 9106it [03:59, 129.36it/s]BALD_add_1_818
854 BALD_add_1_818
855 BALD_add_1_818
856 9181it [04:12, 17.83it/s] BALD_add_1_818
857 9707it [04:12, 173.30it/s]BALD_add_1_818
858 BALD_add_1_818
859 BALD_add_1_818
860 BALD_add_1_818
861 10193it [04:27, 94.97it/s]BALD_add_1_818
862 BALD_add_1_818
863 BALD_add_1_818
864 10261it [04:40, 16.55it/s]BALD_add_1_818
865 10732it [04:41, 125.07it/s]BALD_add_1_818
866 BALD_add_1_818
867 BALD_add_1_818
868 BALD_add_1_818
869 11313it [04:56, 129.59it/s]BALD_add_1_818
870 BALD_add_1_818
871 BALD_add_1_818
872 11341it [05:10, 14.21it/s] BALD_add_1_818
873 11820it [05:10, 123.76it/s]BALD_add_1_818
874 BALD_add_1_818
875 BALD_add_1_818
876 BALD_add_1_818
877 12391it [05:25, 130.47it/s]BALD_add_1_818
878 BALD_add_1_818
879 BALD_add_1_818
880 BALD_add_1_818
881 12953it [05:39, 128.64it/s]BALD_add_1_818
882 BALD_add_1_818
883 BALD_add_1_818
884 12961it [05:52, 13.74it/s] BALD_add_1_818
885 13429it [05:52, 129.48it/s]BALD_add_1_818
886 BALD_add_1_818
887 BALD_add_1_818
888 BALD_add_1_818
889 13979it [06:06, 132.30it/s]BALD_add_1_818
890 BALD_add_1_818
```

```
891 BALD_add_1_818
892 BALD_add_1_818
893 14538it [06:20, 134.45it/s]BALD_add_1_818
894 BALD_add_1_818
895 BALD_add_1_818
896 BALD_add_1_818
897 15105it [06:35, 143.65it/s]BALD_add_1_818
898 BALD_add_1_818
899 BALD_add_1_818
900 BALD_add_1_818
901 15653it [06:49, 126.33it/s]BALD_add_1_818
902 BALD_add_1_818
903 BALD_add_1_818
904 BALD_add_1_818
905 16130it [07:04, 91.66it/s]BALD_add_1_818
906 BALD_add_1_818
907 global t is : 4
908 BALD_add_1_818
909 BALD_add_1_818
910 BALD_add_1_818
911 BALD_add_1_818
912 test epoch results {'accuracy': 0.5764705882352941
, 'f1_weighted': 0.5388079822739014, 'f1_macro': 0.
4338536698792784, 'f1': array([0.84819277, 0
. , 0.47706422, 0.25 , 0.60618557,
913 0.02222222, 0.62666667, 0.59878155, 0.
47557003]), 'precision': array([0.8 , 0
. , 0.43333333, 0.47727273, 0.54243542,
914 1. , 0.74603175, 0.49354376, 0.
65765766]), 'recall': array([0.9025641 , 0
. , 0.53061224, 0.16935484, 0.68691589,
915 0.01123596, 0.54022989, 0.76106195, 0.
37244898])}
916 val epoch results {'accuracy': 0.6333333333333333, 'f1_weighted': 0.5814206595352751, 'f1_macro': 0.
4323857146639145, 'f1': array([0.8362069 , 0
. , 0.58823529, 0.15053763, 0.53763441,
917 0. , 0.609375 , 0.71692745, 0.
45255474]), 'precision': array([0.76377953, 0
. , 0.71428571, 0.4375 , 0.43103448,
918 0. , 0.73584906, 0.60869565, 0.
```

```
918 68888889]), 'recall': array([0.92380952, 0
919 . , 0.5 , 0.09090909, 0.71428571,
919 0. , 0.52 , 0.87197232, 0.
919 33695652])}
920 16200it [07:19, 36.85it/s]
921 mc dropout begin
922 Downloading data files: 100%|██████████| 1/1 [00:00
922 <?, ?it/s]
923 Extracting data files: 100%|██████████| 1/1 [00:00<
923 00:00, 138.24it/s]
924 Generating train split: 0 examples [00:00, ?
924 examples/s]Downloading and preparing dataset csv/
924 default to C:/Users/admin/.cache/huggingface/
924 datasets/csv/default-1db9abba8d230dcc/0.0.0/
924 6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
924 3bcc7ec513e1...
925 100%|██████████| 1/1 [00:00<00:00, 93.52it/s]
926 Dataset csv downloaded and prepared to C:/Users/
926 admin/.cache/huggingface/datasets/csv/default-
926 1db9abba8d230dcc/0.0.0/
926 6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
926 3bcc7ec513e1. Subsequent calls will reuse this data.
927 Downloading data files: 100%|██████████| 1/1 [00:00<
927 00:00, 1999.19it/s]
928 Downloading and preparing dataset csv/default to C:/
928 Users/admin/.cache/huggingface/datasets/csv/default-
928 e71ee14f6af672c4/0.0.0/
928 6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
928 3bcc7ec513e1...
929 Extracting data files: 100%|██████████| 1/1 [00:00<
929 00:00, 124.97it/s]
930 100%|██████████| 1/1 [00:00<00:00, 62.52it/s]
931 Dataset csv downloaded and prepared to C:/Users/
931 admin/.cache/huggingface/datasets/csv/default-
931 e71ee14f6af672c4/0.0.0/
931 6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
931 3bcc7ec513e1. Subsequent calls will reuse this data.
932 Downloading data files: 100%|██████████| 1/1 [00:00
932 <?, ?it/s]
933 Downloading and preparing dataset csv/default to C:/
933 Users/admin/.cache/huggingface/datasets/csv/default-
```

```
933 6d27bdacaa046d56/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
934 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 99.61it/s]  
935 100%|██████████| 1/1 [00:00<00:00, 69.24it/s]  
936 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
6d27bdacaa046d56/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1. Subsequent calls will reuse this data.  
937 Downloading data files: 100%|██████████| 1/1 [00:00  
<?, ?it/s]  
938 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
34dbfbb6caf97c3c/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
939 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 9.35it/s]  
940 0%|          | 0/1 [00:00<?, ?it/s]Dataset csv  
downloaded and prepared to C:/Users/admin/.cache/  
huggingface/datasets/csv/default-34dbfbb6caf97c3c/0.  
0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1. Subsequent calls will reuse this data.  
941 100%|██████████| 1/1 [00:00<00:00, 21.74it/s]  
942 t is : 5  
943 addlen is: 2500  
944 embedding begin  
945 BALD_add_1_818  
946 BALD_add_1_818  
947 BALD_add_1_818  
948 BALD_add_1_818  
949 BALD_add_1_818  
950 BALD_add_1_818  
951 BALD_add_1_818  
952 BALD_add_1_818  
953 Found cached dataset csv (C:/Users/admin/.cache/  
huggingface/datasets/csv/default-abaa48851f58f8dd/0.  
0.0/
```

```
953 6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1)  
954 100%|██████████| 1/1 [00:00<00:00, 71.46it/s]  
955 Downloading data files: 100%|██████████| 1/1 [00:00  
<, ?it/s]  
956 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 142.85it/s]  
957 Generating train split: 0 examples [00:00, ?  
examples/s]Downloading and preparing dataset csv/  
default to C:/Users/admin/.cache/huggingface/  
datasets/csv/default-44eeeeec81f2e3675/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
958 100%|██████████| 1/1 [00:00<00:00, 76.93it/s]  
959 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
44eeeeec81f2e3675/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1. Subsequent calls will reuse this data.  
960 preprocess_samples begin ...  
961 Found cached dataset csv (C:/Users/admin/.cache/  
huggingface/datasets/csv/default-75d1b8ac0e52663e/0.  
0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1)  
962 100%|██████████| 1/1 [00:00<00:00, 76.18it/s]  
963 Downloading data files: 100%|██████████| 1/1 [00:00  
<, ?it/s]  
964 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 134.08it/s]  
965 Downloading and preparing dataset csv/default to C:/  
Users/admin/.cache/huggingface/datasets/csv/default-  
e89d87d29cedaca1/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85  
3bcc7ec513e1...  
966 100%|██████████| 1/1 [00:00<00:00, 78.74it/s]  
967 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
e89d87d29cedaca1/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc85
```

```
967 3bcc7ec513e1. Subsequent calls will reuse this data
    .
968 preprocess_samples begin ...
969 classify begin
970     0%|          | 0/30 [00:00<?, ?it/s]
        BALD_add_1_818
971 BALD_add_1_818
972 543it [00:15, 195.33it/s]BALD_add_1_818
973 BALD_add_1_818
974 BALD_add_1_818
975 BALD_add_1_818
976 1213it [00:29, 190.05it/s]BALD_add_1_818
977 BALD_add_1_818
978 BALD_add_1_818
979 BALD_add_1_818
980 1813it [00:43, 161.32it/s]BALD_add_1_818
981 BALD_add_1_818
982 BALD_add_1_818
983 1825it [00:58, 12.03it/s] BALD_add_1_818
984 2424it [00:58, 240.41it/s]BALD_add_1_818
985 BALD_add_1_818
986 BALD_add_1_818
987 BALD_add_1_818
988 3015it [01:14, 134.42it/s]BALD_add_1_818
989 BALD_add_1_818
990 BALD_add_1_818
991 3041it [01:27, 15.48it/s] BALD_add_1_818
992 3636it [01:28, 189.03it/s]BALD_add_1_818
993 BALD_add_1_818
994 BALD_add_1_818
995 BALD_add_1_818
996 4248it [01:42, 146.44it/s]BALD_add_1_818
997 BALD_add_1_818
998 BALD_add_1_818
999 4257it [01:55, 14.62it/s] BALD_add_1_818
1000 4858it [01:55, 190.00it/s]BALD_add_1_818
1001 BALD_add_1_818
1002 BALD_add_1_818
1003 BALD_add_1_818
1004 5435it [02:09, 137.31it/s]BALD_add_1_818
1005 BALD_add_1_818
```

1006	BALD_add_1_818
1007	BALD_add_1_818
1008	6069it [02:23, 175.44it/s]BALD_add_1_818
1009	BALD_add_1_818
1010	BALD_add_1_818
1011	6080it [02:34, 175.44it/s]BALD_add_1_818
1012	6612it [02:37, 172.95it/s]BALD_add_1_818
1013	BALD_add_1_818
1014	BALD_add_1_818
1015	BALD_add_1_818
1016	7294it [02:51, 192.53it/s]BALD_add_1_818
1017	BALD_add_1_818
1018	BALD_add_1_818
1019	BALD_add_1_818
1020	7900it [03:05, 145.61it/s]BALD_add_1_818
1021	BALD_add_1_818
1022	BALD_add_1_818
1023	BALD_add_1_818
1024	8507it [03:19, 142.64it/s]BALD_add_1_818
1025	BALD_add_1_818
1026	BALD_add_1_818
1027	BALD_add_1_818
1028	9117it [03:33, 142.29it/s]BALD_add_1_818
1029	BALD_add_1_818
1030	BALD_add_1_818
1031	9121it [03:46, 14.22it/s] BALD_add_1_818
1032	9709it [03:47, 180.95it/s]BALD_add_1_818
1033	BALD_add_1_818
1034	BALD_add_1_818
1035	BALD_add_1_818
1036	10272it [04:01, 135.78it/s]BALD_add_1_818
1037	BALD_add_1_818
1038	BALD_add_1_818
1039	BALD_add_1_818
1040	10918it [04:14, 178.50it/s]BALD_add_1_818
1041	BALD_add_1_818
1042	BALD_add_1_818
1043	10944it [04:24, 178.50it/s]BALD_add_1_818
1044	11484it [04:28, 174.56it/s]BALD_add_1_818
1045	BALD_add_1_818
1046	BALD_add_1_818

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1047 BALD_add_1_818
1048 12080it [04:42, 143.52it/s]BALD_add_1_818
1049 BALD_add_1_818
1050 BALD_add_1_818
1051 12161it [04:55, 19.45it/s] BALD_add_1_818
1052 12706it [04:56, 164.52it/s]BALD_add_1_818
1053 BALD_add_1_818
1054 BALD_add_1_818
1055 BALD_add_1_818
1056 13349it [05:10, 179.25it/s]BALD_add_1_818
1057 BALD_add_1_818
1058 BALD_add_1_818
1059 BALD_add_1_818
1060 13954it [05:24, 145.87it/s]BALD_add_1_818
1061 BALD_add_1_818
1062 BALD_add_1_818
1063 13985it [05:37, 16.12it/s] BALD_add_1_818
1064 14578it [05:38, 188.29it/s]BALD_add_1_818
1065 BALD_add_1_818
1066 BALD_add_1_818
1067 BALD_add_1_818
1068 15170it [05:51, 142.15it/s]BALD_add_1_818
1069 BALD_add_1_818
1070 BALD_add_1_818
1071 15201it [06:05, 15.80it/s] BALD_add_1_818
1072 15753it [06:05, 173.21it/s]BALD_add_1_818
1073 BALD_add_1_818
1074 BALD_add_1_818
1075 BALD_add_1_818
1076 16375it [06:19, 175.18it/s]BALD_add_1_818
1077 BALD_add_1_818
1078 BALD_add_1_818
1079 BALD_add_1_818
1080 17001it [06:33, 176.92it/s]BALD_add_1_818
1081 BALD_add_1_818
1082 BALD_add_1_818
1083 17025it [06:46, 14.35it/s] BALD_add_1_818
1084 17602it [06:47, 180.75it/s]BALD_add_1_818
1085 BALD_add_1_818
1086 BALD_add_1_818
1087 BALD_add_1_818
```

```
1088 18182it [07:01, 141.94it/s]BALD_add_1_818
1089 BALD_add_1_818
1090 global t is : 5
1091 BALD_add_1_818
1092 BALD_add_1_818
1093 18240it [07:15, 141.94it/s]BALD_add_1_818
1094 BALD_add_1_818
1095 test epoch results {'accuracy': 0.5986928104575163
, 'f1_weighted': 0.5694275842995342, 'f1_macro': 0.
46123833963463173, 'f1': array([0.84878049, 0.
05128205, 0.34782609, 0.32926829, 0.61663286,
1096 0.13207547, 0.65269461, 0.62043796, 0.
55214724]), 'precision': array([0.80930233, 0.5
, 0.37209302, 0.675 , 0.54480287,
1097 0.41176471, 0.68125 , 0.52795031, 0.
69230769]), 'recall': array([0.89230769, 0.02702703
, 0.32653061, 0.21774194, 0.71028037,
1098 0.07865169, 0.62643678, 0.75221239, 0.
45918367])}
1099 val epoch results {'accuracy': 0.6430555555555556
, 'f1_weighted': 0.5961208989459749, 'f1_macro': 0.
44370728665891046, 'f1': array([0.84821429, 0
.
, 0.58823529, 0.17391304, 0.53763441,
1100 0. , 0.65277778, 0.72780204, 0.
46478873]), 'precision': array([0.79831933, 0
.
, 0.71428571, 0.53333333, 0.43103448,
1101 0. , 0.68115942, 0.6281407 , 0.66
]), 'recall': array([0.9047619 , 0.
, 0.5 , 0.1038961 , 0.71428571,
1102 0. , 0.62666667, 0.8650519 , 0.
35869565])}
1103 18240it [07:16, 41.81it/s]
1104 mc dropout begin
1105 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
1106 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 111.20it/s]
1107 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-7b4207efbdc835d9/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
```

```
1107 53bcc7ec513e1...
1108 100%|██████████| 1/1 [00:00<00:00, 93.32it/s]
1109 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
7b4207efbdc835d9/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1110 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
1111 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-fa571022cb740886/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1112 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 129.69it/s]
1113 100%|██████████| 1/1 [00:00<00:00, 90.15it/s]
1114 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
fa571022cb740886/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1115 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
1116 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-30c4c9003b713e05/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1117 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 124.40it/s]
1118 100%|██████████| 1/1 [00:00<00:00, 76.07it/s]
1119 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
30c4c9003b713e05/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1120 Downloading data files: 100%|██████████| 1/1 [00:00
```

```
1120 <00:00, 1993.49it/s]
1121 Downloading and preparing dataset csv/default to C
  :/Users/admin/.cache/huggingface/datasets/csv/
  default-39ff33e8f03398af/0.0.0/
  6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
  53bcc7ec513e1...
1122 Extracting data files: 100%|██████████| 1/1 [00:00<
  00:00,  9.68it/s]
1123 100%|██████████| 1/1 [00:00<00:00, 67.31it/s]
1124 Dataset csv downloaded and prepared to C:/Users/
  admin/.cache/huggingface/datasets/csv/default-
  39ff33e8f03398af/0.0.0/
  6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
  53bcc7ec513e1. Subsequent calls will reuse this
  data.
1125 t is : 6
1126 addlen is: 3000
1127 embedding begin
1128 BALD_add_1_818
1129 BALD_add_1_818
1130 BALD_add_1_818
1131 BALD_add_1_818
1132 BALD_add_1_818
1133 BALD_add_1_818
1134 BALD_add_1_818
1135 BALD_add_1_818
1136 Found cached dataset csv (C:/Users/admin/.cache/
  huggingface/datasets/csv/default-abaa48851f58f8dd/0
  .0.0/
  6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
  53bcc7ec513e1)
1137 100%|██████████| 1/1 [00:00<00:00, 500.04it/s]
1138 Downloading data files: 100%|██████████| 1/1 [00:00<
  00:00, 2205.21it/s]
1139 Downloading and preparing dataset csv/default to C
  :/Users/admin/.cache/huggingface/datasets/csv/
  default-8495bc13de3740be/0.0.0/
  6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
  53bcc7ec513e1...
1140 Extracting data files: 100%|██████████| 1/1 [00:00<
  00:00, 139.47it/s]
```

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1141 100%|██████████| 1/1 [00:00<00:00, 90.94it/s]
1142 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
8495bc13de3740be/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1143 preprocess_samples begin ...
1144 Found cached dataset csv (C:/Users/admin/.cache/
huggingface/datasets/csv/default-75d1b8ac0e52663e/0
.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1)
1145 100%|██████████| 1/1 [00:00<00:00, 988.29it/s]
1146 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
1147 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-2a74d7346a7327a6/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1148 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 120.39it/s]
1149 100%|██████████| 1/1 [00:00<00:00, 69.41it/s]
1150 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
2a74d7346a7327a6/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1151 preprocess_samples begin ...
1152 classify begin
1153 0%|          | 0/30 [00:00<?, ?it/s]
    BALD_add_1_818
1154 BALD_add_1_818
1155 653it [00:09, 351.35it/s]BALD_add_1_818
1156 BALD_add_1_818
1157 BALD_add_1_818
1158 BALD_add_1_818
1159 1343it [00:23, 242.71it/s]BALD_add_1_818
1160 BALD_add_1_818
```

```
1161 BALD_add_1_818
1162 BALD_add_1_818
1163 2024it [00:37, 198.08it/s]BALD_add_1_818
1164 BALD_add_1_818
1165 BALD_add_1_818
1166 2026it [00:50, 14.47it/s] BALD_add_1_818
1167 2621it [00:50, 189.60it/s]BALD_add_1_818
1168 BALD_add_1_818
1169 BALD_add_1_818
1170 BALD_add_1_818
1171 3347it [01:04, 218.05it/s]BALD_add_1_818
1172 BALD_add_1_818
1173 BALD_add_1_818
1174 BALD_add_1_818
1175 4025it [01:19, 225.92it/s]BALD_add_1_818
1176 BALD_add_1_818
1177 BALD_add_1_818
1178 4050it [01:29, 225.92it/s]BALD_add_1_818
1179 4674it [01:32, 232.37it/s]BALD_add_1_818
1180 BALD_add_1_818
1181 BALD_add_1_818
1182 BALD_add_1_818
1183 5321it [01:46, 185.30it/s]BALD_add_1_818
1184 BALD_add_1_818
1185 BALD_add_1_818
1186 5401it [02:00, 18.85it/s] BALD_add_1_818
1187 6066it [02:00, 244.50it/s]BALD_add_1_818
1188 BALD_add_1_818
1189 BALD_add_1_818
1190 BALD_add_1_818
1191 6748it [02:14, 191.72it/s]BALD_add_1_818
1192 BALD_add_1_818
1193 BALD_add_1_818
1194 BALD_add_1_818
1195 7345it [02:28, 144.47it/s]BALD_add_1_818
1196 BALD_add_1_818
1197 BALD_add_1_818
1198 7426it [02:41, 19.39it/s] BALD_add_1_818
1199 8095it [02:42, 246.38it/s]BALD_add_1_818
1200 BALD_add_1_818
1201 BALD_add_1_818
```

```
1202 BALD_add_1_818
1203 8769it [02:56, 190.37it/s]BALD_add_1_818
1204 BALD_add_1_818
1205 BALD_add_1_818
1206 8775it [03:09, 190.37it/s]BALD_add_1_818
1207 9392it [03:10, 228.38it/s]BALD_add_1_818
1208 BALD_add_1_818
1209 BALD_add_1_818
1210 BALD_add_1_818
1211 10111it [03:24, 240.23it/s]BALD_add_1_818
1212 BALD_add_1_818
1213 BALD_add_1_818
1214 BALD_add_1_818
1215 10738it [03:37, 179.85it/s]BALD_add_1_818
1216 BALD_add_1_818
1217 BALD_add_1_818
1218 10801it [03:50, 17.40it/s] BALD_add_1_818
1219 11393it [03:51, 190.58it/s]BALD_add_1_818
1220 BALD_add_1_818
1221 BALD_add_1_818
1222 BALD_add_1_818
1223 12111it [04:05, 268.60it/s]BALD_add_1_818
1224 BALD_add_1_818
1225 BALD_add_1_818
1226 BALD_add_1_818
1227 12754it [04:19, 185.59it/s]BALD_add_1_818
1228 BALD_add_1_818
1229 BALD_add_1_818
1230 BALD_add_1_818
1231 13424it [04:33, 188.29it/s]BALD_add_1_818
1232 BALD_add_1_818
1233 BALD_add_1_818
1234 BALD_add_1_818
1235 14101it [04:47, 188.74it/s]BALD_add_1_818
1236 BALD_add_1_818
1237 BALD_add_1_818
1238 14176it [05:00, 19.19it/s] BALD_add_1_818
1239 14828it [05:01, 243.31it/s]BALD_add_1_818
1240 BALD_add_1_818
1241 BALD_add_1_818
1242 BALD_add_1_818
```

```
1243 15478it [05:15, 183.20it/s]BALD_add_1_818
1244 BALD_add_1_818
1245 BALD_add_1_818
1246 BALD_add_1_818
1247 16191it [05:29, 232.83it/s]BALD_add_1_818
1248 BALD_add_1_818
1249 BALD_add_1_818
1250 16201it [05:42, 14.36it/s] BALD_add_1_818
1251 16816it [05:43, 233.27it/s]BALD_add_1_818
1252 BALD_add_1_818
1253 BALD_add_1_818
1254 BALD_add_1_818
1255 17483it [05:57, 189.98it/s]BALD_add_1_818
1256 BALD_add_1_818
1257 BALD_add_1_818
1258 17551it [06:10, 18.59it/s] BALD_add_1_818
1259 18220it [06:11, 250.66it/s]BALD_add_1_818
1260 BALD_add_1_818
1261 BALD_add_1_818
1262 BALD_add_1_818
1263 18897it [06:25, 195.81it/s]BALD_add_1_818
1264 BALD_add_1_818
1265 BALD_add_1_818
1266 BALD_add_1_818
1267 19500it [06:38, 147.82it/s]BALD_add_1_818
1268 BALD_add_1_818
1269 BALD_add_1_818
1270 19576it [06:51, 19.24it/s] BALD_add_1_818
1271 20163it [06:52, 187.99it/s]BALD_add_1_818
1272 BALD_add_1_818
1273 global t is : 6
1274 BALD_add_1_818
1275 BALD_add_1_818
1276 BALD_add_1_818
1277 BALD_add_1_818
1278 test epoch results {'accuracy': 0.6091503267973856
, 'f1_weighted': 0.5814780514665945, 'f1_macro': 0.
5024443257878031, 'f1': array([0.83855422, 0.
20408163, 0.57731959, 0.30487805, 0.62295082,
1279 0.11881188, 0.66666667, 0.62351869, 0.
56521739]), 'precision': array([0.79090909, 0.
```

```
1279 41666667, 0.58333333, 0.625      , 0.55474453,
1280      0.5      , 0.7124183 , 0.53023256, 0.
    72222222], 'recall': array([0.89230769, 0.13513514
    , 0.57142857, 0.2016129 , 0.71028037,
1281      0.06741573, 0.62643678, 0.75663717, 0.
    46428571])}
1282 val epoch results {'accuracy': 0.6388888888888888
    , 'f1_weighted': 0.5852761951509138, 'f1_macro': 0.
    4353158015396337, 'f1': array([0.84210526, 0
    .      , 0.58823529, 0.09411765, 0.55555556,
1283      0.      , 0.65734266, 0.72334294, 0.
    45714286]), 'precision': array([0.7804878 , 0
    .      , 0.71428571, 0.5      , 0.45454545,
1284      0.      , 0.69117647, 0.61975309, 0.
    66666667]), 'recall': array([0.91428571, 0
    .      , 0.5      , 0.05194805, 0.71428571,
1285      0.      , 0.62666667, 0.86851211, 0.
    34782609])}
1286 20250it [07:08, 47.31it/s]
1287 mc dropout begin
1288 Downloading and preparing dataset csv/default to C
    :/Users/admin/.cache/huggingface/datasets/csv/
    default-3606361dee17513c/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1...
1289 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
1290 Extracting data files: 100%|██████████| 1/1 [00:00<
    00:00, 142.94it/s]
1291 100%|██████████| 1/1 [00:00<00:00, 101.71it/s]
1292 Dataset csv downloaded and prepared to C:/Users/
    admin/.cache/huggingface/datasets/csv/default-
    3606361dee17513c/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1. Subsequent calls will reuse this
    data.
1293 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
1294 Downloading and preparing dataset csv/default to C
    :/Users/admin/.cache/huggingface/datasets/csv/
    default-e25fc97bf4ac0050/0.0.0/
```

```
1294    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
      53bcc7ec513e1...  
1295 Extracting data files: 100%|██████████| 1/1 [00:00<  
      00:00, 119.51it/s]  
1296 100%|██████████| 1/1 [00:00<00:00, 68.41it/s]  
1297 Dataset csv downloaded and prepared to C:/Users/  
      admin/.cache/huggingface/datasets/csv/default-  
      e25fc97bf4ac0050/0.0.0/  
      6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
      53bcc7ec513e1. Subsequent calls will reuse this  
      data.  
1298 Downloading data files: 100%|██████████| 1/1 [00:00  
      <, ?it/s]  
1299 Downloading and preparing dataset csv/default to C  
      :/Users/admin/.cache/huggingface/datasets/csv/  
      default-2b30900d66afd43e/0.0.0/  
      6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
      53bcc7ec513e1...  
1300 Extracting data files: 100%|██████████| 1/1 [00:00<  
      00:00, 136.48it/s]  
1301 100%|██████████| 1/1 [00:00<00:00, 110.01it/s]  
1302 Dataset csv downloaded and prepared to C:/Users/  
      admin/.cache/huggingface/datasets/csv/default-  
      2b30900d66afd43e/0.0.0/  
      6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
      53bcc7ec513e1. Subsequent calls will reuse this  
      data.  
1303 Downloading data files: 100%|██████████| 1/1 [00:00  
      <, ?it/s]  
1304 Downloading and preparing dataset csv/default to C  
      :/Users/admin/.cache/huggingface/datasets/csv/  
      default-5f6fd00419daa273/0.0.0/  
      6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
      53bcc7ec513e1...  
1305 Extracting data files: 100%|██████████| 1/1 [00:00<  
      00:00, 125.05it/s]  
1306 100%|██████████| 1/1 [00:00<00:00, 64.52it/s]  
1307 Dataset csv downloaded and prepared to C:/Users/  
      admin/.cache/huggingface/datasets/csv/default-  
      5f6fd00419daa273/0.0.0/
```

```
1307    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.  
1308 t is : 7  
1309 addlen is: 3500  
1310 embedding begin  
1311 BALD_add_1_818  
1312 BALD_add_1_818  
1313 BALD_add_1_818  
1314 BALD_add_1_818  
1315 BALD_add_1_818  
1316 BALD_add_1_818  
1317 BALD_add_1_818  
1318 BALD_add_1_818  
1319 Found cached dataset csv (C:/Users/admin/.cache/  
huggingface/datasets/csv/default-abaa48851f58f8dd/0  
.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1)  
1320 100%|██████████| 1/1 [00:00<00:00, 484.44it/s]  
1321 Downloading data files: 100%|██████████| 1/1 [00:00  
<?, ?it/s]  
1322 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 140.35it/s]  
1323 Generating train split: 0 examples [00:00, ?  
examples/s]Downloading and preparing dataset csv/  
default to C:/Users/admin/.cache/huggingface/  
datasets/csv/default-272771ac1ac0c2fa/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...  
1324 100%|██████████| 1/1 [00:00<00:00, 74.73it/s]  
1325 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
272771ac1ac0c2fa/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.  
1326 preprocess_samples begin ...  
1327 Found cached dataset csv (C:/Users/admin/.cache/  
huggingface/datasets/csv/default-75d1b8ac0e52663e/0
```

```
1327 .0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1)
1328 100%|██████████| 1/1 [00:00<00:00, 1000.07it/s]
1329 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
1330 Extracting data files: 100%|██████████| 1/1 [00:00<
    00:00, 124.57it/s]
1331 Generating train split: 0 examples [00:00, ?
    examples/s]Downloading and preparing dataset csv/
    default to C:/Users/admin/.cache/huggingface/
    datasets/csv/default-26f04a7411cc495c/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1...
1332 100%|██████████| 1/1 [00:00<00:00, 93.87it/s]
1333 Dataset csv downloaded and prepared to C:/Users/
    admin/.cache/huggingface/datasets/csv/default-
    26f04a7411cc495c/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1. Subsequent calls will reuse this
    data.
1334 preprocess_samples begin ...
1335 classify begin
1336 0%          | 0/30 [00:00<?, ?it/s]
    BALD_add_1_818
1337 BALD_add_1_818
1338 660it [00:09, 327.07it/s]BALD_add_1_818
1339 BALD_add_1_818
1340 BALD_add_1_818
1341 BALD_add_1_818
1342 1441it [00:23, 261.65it/s]BALD_add_1_818
1343 BALD_add_1_818
1344 BALD_add_1_818
1345 1465it [00:36, 16.23it/s] BALD_add_1_818
1346 2154it [00:37, 255.71it/s]BALD_add_1_818
1347 BALD_add_1_818
1348 BALD_add_1_818
1349 BALD_add_1_818
1350 2857it [00:51, 199.01it/s]BALD_add_1_818
1351 BALD_add_1_818
1352 BALD_add_1_818
```

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1353 BALD_add_1_818
1354 3655it [01:06, 272.24it/s]BALD_add_1_818
1355 BALD_add_1_818
1356 BALD_add_1_818
1357 BALD_add_1_818
1358 4341it [01:20, 197.41it/s]BALD_add_1_818
1359 BALD_add_1_818
1360 BALD_add_1_818
1361 BALD_add_1_818
1362 5056it [01:34, 229.45it/s]BALD_add_1_818
1363 BALD_add_1_818
1364 BALD_add_1_818
1365 5124it [01:46, 229.45it/s]BALD_add_1_818
1366 5810it [01:48, 295.31it/s]BALD_add_1_818
1367 BALD_add_1_818
1368 BALD_add_1_818
1369 BALD_add_1_818
1370 6522it [02:02, 237.96it/s]BALD_add_1_818
1371 BALD_add_1_818
1372 BALD_add_1_818
1373 BALD_add_1_818
1374 7277it [02:16, 244.95it/s]BALD_add_1_818
1375 BALD_add_1_818
1376 BALD_add_1_818
1377 BALD_add_1_818
1378 8038it [02:30, 253.42it/s]BALD_add_1_818
1379 BALD_add_1_818
1380 BALD_add_1_818
1381 BALD_add_1_818
1382 8714it [02:44, 190.98it/s]BALD_add_1_818
1383 BALD_add_1_818
1384 BALD_add_1_818
1385 8785it [02:57, 18.94it/s] BALD_add_1_818
1386 9461it [02:58, 249.86it/s]BALD_add_1_818
1387 BALD_add_1_818
1388 BALD_add_1_818
1389 BALD_add_1_818
1390 10215it [03:12, 246.33it/s]BALD_add_1_818
1391 BALD_add_1_818
1392 BALD_add_1_818
1393 BALD_add_1_818
```

1394	10953it [03:26, 228.38it/s]	BALD_add_1_818
1395	BALD_add_1_818	
1396	BALD_add_1_818	
1397	10980it [03:36, 228.38it/s]	BALD_add_1_818
1398	11670it [03:40, 288.70it/s]	BALD_add_1_818
1399	BALD_add_1_818	
1400	BALD_add_1_818	
1401	BALD_add_1_818	
1402	12373it [03:54, 234.71it/s]	BALD_add_1_818
1403	BALD_add_1_818	
1404	BALD_add_1_818	
1405	12445it [04:07, 18.40it/s]	BALD_add_1_818
1406	13145it [04:08, 296.68it/s]	BALD_add_1_818
1407	BALD_add_1_818	
1408	BALD_add_1_818	
1409	BALD_add_1_818	
1410	13889it [04:22, 245.10it/s]	BALD_add_1_818
1411	BALD_add_1_818	
1412	BALD_add_1_818	
1413	BALD_add_1_818	
1414	14575it [04:36, 195.58it/s]	BALD_add_1_818
1415	BALD_add_1_818	
1416	BALD_add_1_818	
1417	14641it [04:49, 18.88it/s]	BALD_add_1_818
1418	15304it [04:49, 249.21it/s]	BALD_add_1_818
1419	BALD_add_1_818	
1420	BALD_add_1_818	
1421	BALD_add_1_818	
1422	16076it [05:03, 255.69it/s]	BALD_add_1_818
1423	BALD_add_1_818	
1424	BALD_add_1_818	
1425	16105it [05:16, 16.65it/s]	BALD_add_1_818
1426	16785it [05:17, 255.67it/s]	BALD_add_1_818
1427	BALD_add_1_818	
1428	BALD_add_1_818	
1429	BALD_add_1_818	
1430	17513it [05:31, 234.87it/s]	BALD_add_1_818
1431	BALD_add_1_818	
1432	BALD_add_1_818	
1433	BALD_add_1_818	
1434	18234it [05:45, 238.51it/s]	BALD_add_1_818

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1435 BALD_add_1_818
1436 BALD_add_1_818
1437 18301it [05:58, 18.45it/s] BALD_add_1_818
1438 18987it [05:59, 290.61it/s]BALD_add_1_818
1439 BALD_add_1_818
1440 BALD_add_1_818
1441 BALD_add_1_818
1442 19755it [06:13, 260.37it/s]BALD_add_1_818
1443 BALD_add_1_818
1444 BALD_add_1_818
1445 BALD_add_1_818
1446 20451it [06:27, 290.65it/s]BALD_add_1_818
1447 BALD_add_1_818
1448 BALD_add_1_818
1449 BALD_add_1_818
1450 21195it [06:41, 252.94it/s]BALD_add_1_818
1451 BALD_add_1_818
1452 BALD_add_1_818
1453 BALD_add_1_818
1454 21875it [06:55, 194.17it/s]BALD_add_1_818
1455 BALD_add_1_818
1456 global t is : 7
1457 BALD_add_1_818
1458 BALD_add_1_818
1459 21960it [07:06, 194.17it/s]BALD_add_1_818
1460 BALD_add_1_818
1461 test epoch results {'accuracy': 0.6150326797385621
, 'f1_weighted': 0.5857195348924766, 'f1_macro': 0.
5019779426610309, 'f1': array([0.84466019, 0.
25925926, 0.54347826, 0.33333333, 0.62906725,
0.02173913, 0.67058824, 0.63428048, 0.
58139535]), 'precision': array([0.80184332, 0.
41176471, 0.58139535, 0.58 , 0.58704453,
0.33333333, 0.68674699, 0.54147105, 0.
67567568]), 'recall': array([0.89230769, 0.18918919
, 0.51020408, 0.23387097, 0.67757009,
0.01123596, 0.65517241, 0.76548673, 0.
51020408])}
1465 val epoch results {'accuracy': 0.6569444444444444
, 'f1_weighted': 0.6149445781639503, 'f1_macro': 0.
46532264629707243, 'f1': array([0.86607143, 0
```

```
1465 . , 0.58823529, 0.27722772, 0.57142857,  
1466 0. , 0.68085106, 0.72463768, 0.  
47945205]), 'precision': array([0.81512605, 0  
. , 0.71428571, 0.58333333, 0.48979592,  
1467 0. , 0.72727273, 0.6234414 , 0.  
64814815]), 'recall': array([0.92380952, 0  
. , 0.5 , 0.18181818, 0.68571429,  
1468 0. , 0.64 , 0.8650519 , 0.  
38043478])}  
1469 21960it [07:10, 50.97it/s]  
1470 mc dropout begin  
1471 Downloading and preparing dataset csv/default to C  
:/Users/admin/.cache/huggingface/datasets/csv/  
default-2a3755b7585ecf40/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...  
1472 Downloading data files: 100%|██████████| 1/1 [00:00  
<00:00, 1999.19it/s]  
1473 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 153.79it/s]  
1474 100%|██████████| 1/1 [00:00<00:00, 90.90it/s]  
1475 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
2a3755b7585ecf40/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.  
1476 Downloading data files: 100%|██████████| 1/1 [00:00  
<00:00, 1970.08it/s]  
1477 Downloading and preparing dataset csv/default to C  
:/Users/admin/.cache/huggingface/datasets/csv/  
default-3f45ffaa798eebbb/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...  
1478 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 117.77it/s]  
1479 100%|██████████| 1/1 [00:00<00:00, 80.00it/s]  
1480 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
3f45ffaa798eebbb/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
```

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1480 53bcc7ec513e1. Subsequent calls will reuse this  
data.  
1481 Downloading data files: 100%|██████████| 1/1 [00:00  
<, ?it/s]  
1482 Downloading and preparing dataset csv/default to C  
:/Users/admin/.cache/huggingface/datasets/csv/  
default-82aadaf0d5179c9b/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...  
1483 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 133.30it/s]  
1484 100%|██████████| 1/1 [00:00<00:00, 82.92it/s]  
1485 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
82aadaf0d5179c9b/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.  
1486 Downloading data files: 100%|██████████| 1/1 [00:00  
<, ?it/s]  
1487 Extracting data files: 100%|██████████| 1/1 [00:00<  
00:00, 125.87it/s]  
1488 Generating train split: 0 examples [00:00, ?  
examples/s]Downloading and preparing dataset csv/  
default to C:/Users/admin/.cache/huggingface/  
datasets/csv/default-d68b150deef8b1ab/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...  
1489 100%|██████████| 1/1 [00:00<00:00, 90.73it/s]  
1490 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
d68b150deef8b1ab/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.  
1491 t is : 8  
1492 addlen is: 4000  
1493 embedding begin  
1494 BALD_add_1_818  
1495 BALD_add_1_818  
1496 BALD_add_1_818
```

```
1497 BALD_add_1_818
1498 BALD_add_1_818
1499 BALD_add_1_818
1500 BALD_add_1_818
1501 BALD_add_1_818
1502 Found cached dataset csv (C:/Users/admin/.cache/
    huggingface/datasets/csv/default-abaa48851f58f8dd/0
    .0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1)
1503 100%|██████████| 1/1 [00:00<00:00, 55.16it/s]
1504 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
1505 Downloading and preparing dataset csv/default to C
    :/Users/admin/.cache/huggingface/datasets/csv/
    default-0ef7a39319f2bc57/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1...
1506 Extracting data files: 100%|██████████| 1/1 [00:00<
    00:00, 125.08it/s]
1507 100%|██████████| 1/1 [00:00<00:00, 90.91it/s]
1508 Dataset csv downloaded and prepared to C:/Users/
    admin/.cache/huggingface/datasets/csv/default-
    0ef7a39319f2bc57/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1. Subsequent calls will reuse this
    data.
1509 preprocess_samples begin ...
1510 Found cached dataset csv (C:/Users/admin/.cache/
    huggingface/datasets/csv/default-75d1b8ac0e52663e/0
    .0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1)
1511 100%|██████████| 1/1 [00:00<00:00, 77.43it/s]
1512 Downloading data files: 100%|██████████| 1/1 [00:00
    <, ?it/s]
1513 Downloading and preparing dataset csv/default to C
    :/Users/admin/.cache/huggingface/datasets/csv/
    default-af0195beba1811c0/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1...
```

```
1514 Extracting data files: 100% | 1/1 [00:00<
    00:00, 127.99it/s]
1515 100% | 1/1 [00:00<00:00, 82.52it/s]
1516 Dataset csv downloaded and prepared to C:/Users/
    admin/.cache/huggingface/datasets/csv/default-
    af0195beba1811c0/0.0.0/
    6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
    53bcc7ec513e1. Subsequent calls will reuse this
    data.
1517 preprocess_samples begin ...
1518 classify begin
1519  0% | 0/30 [00:00<?, ?it/s]
    BALD_add_1_818
1520 BALD_add_1_818
1521 759it [00:16, 319.80it/s]BALD_add_1_818
1522 BALD_add_1_818
1523 BALD_add_1_818
1524 BALD_add_1_818
1525 1549it [00:30, 301.67it/s]BALD_add_1_818
1526 BALD_add_1_818
1527 BALD_add_1_818
1528 BALD_add_1_818
1529 2328it [00:44, 286.60it/s]BALD_add_1_818
1530 BALD_add_1_818
1531 BALD_add_1_818
1532 2397it [00:54, 286.60it/s]BALD_add_1_818
1533 3138it [00:59, 362.36it/s]BALD_add_1_818
1534 BALD_add_1_818
1535 BALD_add_1_818
1536 BALD_add_1_818
1537 3966it [01:13, 354.24it/s]BALD_add_1_818
1538 BALD_add_1_818
1539 BALD_add_1_818
1540 3996it [01:26, 15.37it/s] BALD_add_1_818
1541 4736it [01:27, 348.45it/s]BALD_add_1_818
1542 BALD_add_1_818
1543 BALD_add_1_818
1544 BALD_add_1_818
1545 5555it [01:41, 329.17it/s]BALD_add_1_818
1546 BALD_add_1_818
1547 BALD_add_1_818
```

1548	5594it	[01:54, 15.09it/s]	BALD_add_1_818
1549	6357it	[01:55, 357.86it/s]	BALD_add_1_818
1550	BALD_add_1_818		
1551	BALD_add_1_818		
1552	BALD_add_1_818		
1553	7141it	[02:10, 297.46it/s]	BALD_add_1_818
1554	BALD_add_1_818		
1555	BALD_add_1_818		
1556	BALD_add_1_818		
1557	7942it	[02:24, 301.86it/s]	BALD_add_1_818
1558	BALD_add_1_818		
1559	BALD_add_1_818		
1560	7991it	[02:37, 17.24it/s]	BALD_add_1_818
1561	8779it	[02:38, 365.14it/s]	BALD_add_1_818
1562	BALD_add_1_818		
1563	BALD_add_1_818		
1564	BALD_add_1_818		
1565	9559it	[02:52, 297.56it/s]	BALD_add_1_818
1566	BALD_add_1_818		
1567	BALD_add_1_818		
1568	9589it	[03:05, 15.72it/s]	BALD_add_1_818
1569	10372it	[03:06, 362.77it/s]	BALD_add_1_818
1570	BALD_add_1_818		
1571	BALD_add_1_818		
1572	BALD_add_1_818		
1573	11139it	[03:20, 293.30it/s]	BALD_add_1_818
1574	BALD_add_1_818		
1575	BALD_add_1_818		
1576	BALD_add_1_818		
1577	11968it	[03:34, 353.57it/s]	BALD_add_1_818
1578	BALD_add_1_818		
1579	BALD_add_1_818		
1580	11986it	[03:47, 14.25it/s]	BALD_add_1_818
1581	12747it	[03:48, 358.76it/s]	BALD_add_1_818
1582	BALD_add_1_818		
1583	BALD_add_1_818		
1584	BALD_add_1_818		
1585	13534it	[04:02, 298.24it/s]	BALD_add_1_818
1586	BALD_add_1_818		
1587	BALD_add_1_818		
1588	13584it	[04:16, 16.83it/s]	BALD_add_1_818

1589	14357it [04:17, 365.45it/s]	BALD_add_1_818
1590	BALD_add_1_818	
1591	BALD_add_1_818	
1592	BALD_add_1_818	
1593	15122it [04:32, 286.94it/s]	BALD_add_1_818
1594	BALD_add_1_818	
1595	BALD_add_1_818	
1596	15182it [04:45, 17.46it/s]	BALD_add_1_818
1597	15952it [04:46, 362.03it/s]	BALD_add_1_818
1598	BALD_add_1_818	
1599	BALD_add_1_818	
1600	BALD_add_1_818	
1601	16770it [05:00, 350.18it/s]	BALD_add_1_818
1602	BALD_add_1_818	
1603	BALD_add_1_818	
1604	BALD_add_1_818	
1605	17533it [05:15, 282.20it/s]	BALD_add_1_818
1606	BALD_add_1_818	
1607	BALD_add_1_818	
1608	BALD_add_1_818	
1609	18345it [05:29, 345.26it/s]	BALD_add_1_818
1610	BALD_add_1_818	
1611	BALD_add_1_818	
1612	BALD_add_1_818	
1613	19102it [05:42, 290.41it/s]	BALD_add_1_818
1614	BALD_add_1_818	
1615	BALD_add_1_818	
1616	19177it [05:56, 18.12it/s]	BALD_add_1_818
1617	19947it [05:57, 363.70it/s]	BALD_add_1_818
1618	BALD_add_1_818	
1619	BALD_add_1_818	
1620	BALD_add_1_818	
1621	20747it [06:11, 299.10it/s]	BALD_add_1_818
1622	BALD_add_1_818	
1623	BALD_add_1_818	
1624	BALD_add_1_818	
1625	21542it [06:25, 300.05it/s]	BALD_add_1_818
1626	BALD_add_1_818	
1627	BALD_add_1_818	
1628	BALD_add_1_818	
1629	22327it [06:39, 295.89it/s]	BALD_add_1_818

```
1630 BALD_add_1_818
1631 BALD_add_1_818
1632 BALD_add_1_818
1633 23121it [06:54, 300.18it/s]BALD_add_1_818
1634 BALD_add_1_818
1635 BALD_add_1_818
1636 23172it [07:07, 17.39it/s] BALD_add_1_818
1637 23920it [07:08, 332.28it/s]BALD_add_1_818
1638 BALD_add_1_818
1639 global t is : 8
1640 BALD_add_1_818
1641 BALD_add_1_818
1642 BALD_add_1_818
1643 BALD_add_1_818
1644 test epoch results {'accuracy': 0.6209150326797386
, 'f1_weighted': 0.5973024071373031, 'f1_macro': 0.
5196621709672937, 'f1': array([0.86 , 0.
29508197, 0.52173913, 0.36686391, 0.63019694,
1645 0.10204082, 0.68789809, 0.63587922, 0.
57725948]), 'precision': array([0.83902439, 0.375
, 0.55813953, 0.68888889, 0.59259259,
1646 0.55555556, 0.77142857, 0.53115727, 0.
67346939]), 'recall': array([0.88205128, 0.24324324
, 0.48979592, 0.25 , 0.6728972 ,
1647 0.05617978, 0.62068966, 0.7920354 , 0.
50510204])}
1648 val epoch results {'accuracy': 0.6583333333333333
, 'f1_weighted': 0.6152984050731587, 'f1_macro': 0.
46137704070113433, 'f1': array([0.88372093, 0
.
, 0.6 , 0.23913043, 0.51685393,
1649 0. , 0.67164179, 0.72676056, 0.
51428571]), 'precision': array([0.86363636, 0
.
, 0.6 , 0.73333333, 0.42592593,
1650 0. , 0.76271186, 0.6128266 , 0.75
]), 'recall': array([0.9047619 , 0. ,
0.6 , 0.14285714, 0.65714286,
1651 0. , 0.6 , 0.89273356, 0.
39130435])}
1652 23970it [07:23, 54.00it/s]
1653 mc dropout begin
1654 Downloading data files: 100%|██████████| 1/1 [00:00
```

```
1654 <?, ?it/s]
1655 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 135.87it/s]
1656 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-f9b8d6c3a33f3c17/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1657 100%|██████████| 1/1 [00:00<00:00, 70.85it/s]
1658 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
f9b8d6c3a33f3c17/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1659 Downloading data files: 100%|██████████| 1/1 [00:00
<?, ?it/s]
1660 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 132.07it/s]
1661 Generating train split: 0 examples [00:00, ?
examples/s]Downloading and preparing dataset csv/
default to C:/Users/admin/.cache/huggingface/
datasets/csv/default-923b5ce84f6ac56c/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1662 100%|██████████| 1/1 [00:00<00:00, 71.39it/s]
1663 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
923b5ce84f6ac56c/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1664 Downloading data files: 100%|██████████| 1/1 [00:00
<00:00, 2000.14it/s]
1665 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-dba9defef171e753/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1666 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 117.62it/s]
```

```
1667 100%|██████████| 1/1 [00:00<00:00, 74.06it/s]
1668 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
dba9defef171e753/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1669 Downloading data files: 100%|██████████| 1/1 [00:00
<, ?it/s]
1670 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-63fd210d995c5972/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1671 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 132.43it/s]
1672 100%|██████████| 1/1 [00:00<00:00, 90.81it/s]
1673 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
63fd210d995c5972/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1674 t is : 9
1675 addlen is: 4500
1676 embedding begin
1677 BALD_add_1_818
1678 BALD_add_1_818
1679 BALD_add_1_818
1680 BALD_add_1_818
1681 BALD_add_1_818
1682 BALD_add_1_818
1683 BALD_add_1_818
1684 BALD_add_1_818
1685 Found cached dataset csv (C:/Users/admin/.cache/
huggingface/datasets/csv/default-abaa48851f58f8dd/0
.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1)
1686 100%|██████████| 1/1 [00:00<00:00, 499.74it/s]
1687 Downloading data files: 100%|██████████| 1/1 [00:00
```

```
1687 <?, ?it/s]
1688 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 90.41it/s]
1689 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-9134aae622f205c9/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1690 100%|██████████| 1/1 [00:00<00:00, 62.50it/s]
1691 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
9134aae622f205c9/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1692 preprocess_samples begin ...
1693 Found cached dataset csv (C:/Users/admin/.cache/
huggingface/datasets/csv/default-75d1b8ac0e52663e/0
.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1)
1694 100%|██████████| 1/1 [00:00<00:00, 999.83it/s]
1695 Downloading data files: 100%|██████████| 1/1 [00:00
<?, ?it/s]
1696 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 102.55it/s]
1697 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-32ea614a02cbab95/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1698 100%|██████████| 1/1 [00:00<00:00, 76.66it/s]
1699 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
32ea614a02cbab95/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1. Subsequent calls will reuse this
data.
1700 preprocess_samples begin ...
1701 classify begin
1702 0%|          | 0/30 [00:00<?, ?it/s]
```

1702	BALD_add_1_818
1703	BALD_add_1_818
1704	809it [00:09, 481.45it/s]BALD_add_1_818
1705	BALD_add_1_818
1706	BALD_add_1_818
1707	BALD_add_1_818
1708	1641it [00:23, 361.35it/s]BALD_add_1_818
1709	BALD_add_1_818
1710	BALD_add_1_818
1711	BALD_add_1_818
1712	2556it [00:38, 389.52it/s]BALD_add_1_818
1713	BALD_add_1_818
1714	BALD_add_1_818
1715	2566it [00:51, 15.05it/s] BALD_add_1_818
1716	3395it [00:52, 391.53it/s]BALD_add_1_818
1717	BALD_add_1_818
1718	BALD_add_1_818
1719	BALD_add_1_818
1720	4232it [01:06, 303.77it/s]BALD_add_1_818
1721	BALD_add_1_818
1722	BALD_add_1_818
1723	4276it [01:19, 17.14it/s] BALD_add_1_818
1724	5110it [01:20, 387.95it/s]BALD_add_1_818
1725	BALD_add_1_818
1726	BALD_add_1_818
1727	BALD_add_1_818
1728	5939it [01:34, 281.43it/s]BALD_add_1_818
1729	BALD_add_1_818
1730	BALD_add_1_818
1731	BALD_add_1_818
1732	6769it [01:49, 350.41it/s]BALD_add_1_818
1733	BALD_add_1_818
1734	BALD_add_1_818
1735	BALD_add_1_818
1736	7658it [02:03, 407.56it/s]BALD_add_1_818
1737	BALD_add_1_818
1738	BALD_add_1_818
1739	BALD_add_1_818
1740	8495it [02:17, 354.97it/s]BALD_add_1_818
1741	BALD_add_1_818
1742	BALD_add_1_818

1743	8551it	[02:30, 17.00it/s]	BALD_add_1_818
1744	9387it	[02:31, 387.24it/s]	BALD_add_1_818
1745	BALD_add_1_818		
1746	BALD_add_1_818		
1747	BALD_add_1_818		
1748	10204it	[02:45, 312.09it/s]	BALD_add_1_818
1749	BALD_add_1_818		
1750	BALD_add_1_818		
1751	10261it	[02:58, 18.23it/s]	BALD_add_1_818
1752	11096it	[02:59, 392.71it/s]	BALD_add_1_818
1753	BALD_add_1_818		
1754	BALD_add_1_818		
1755	BALD_add_1_818		
1756	11944it	[03:13, 324.25it/s]	BALD_add_1_818
1757	BALD_add_1_818		
1758	BALD_add_1_818		
1759	BALD_add_1_818		
1760	12784it	[03:28, 315.90it/s]	BALD_add_1_818
1761	BALD_add_1_818		
1762	BALD_add_1_818		
1763	12826it	[03:41, 16.73it/s]	BALD_add_1_818
1764	13664it	[03:42, 413.57it/s]	BALD_add_1_818
1765	BALD_add_1_818		
1766	BALD_add_1_818		
1767	BALD_add_1_818		
1768	14510it	[03:56, 364.96it/s]	BALD_add_1_818
1769	BALD_add_1_818		
1770	BALD_add_1_818		
1771	14536it	[04:09, 15.48it/s]	BALD_add_1_818
1772	15376it	[04:10, 426.35it/s]	BALD_add_1_818
1773	BALD_add_1_818		
1774	BALD_add_1_818		
1775	BALD_add_1_818		
1776	16197it	[04:24, 310.80it/s]	BALD_add_1_818
1777	BALD_add_1_818		
1778	BALD_add_1_818		
1779	BALD_add_1_818		
1780	17040it	[04:39, 325.67it/s]	BALD_add_1_818
1781	BALD_add_1_818		
1782	BALD_add_1_818		
1783	BALD_add_1_818		

```
1784 17885it [04:53, 315.72it/s]BALD_add_1_818
1785 BALD_add_1_818
1786 BALD_add_1_818
1787 BALD_add_1_818
1788 18734it [05:07, 326.57it/s]BALD_add_1_818
1789 BALD_add_1_818
1790 BALD_add_1_818
1791 18811it [05:20, 20.24it/s] BALD_add_1_818
1792 19638it [05:21, 384.32it/s]BALD_add_1_818
1793 BALD_add_1_818
1794 BALD_add_1_818
1795 BALD_add_1_818
1796 20481it [05:35, 376.49it/s]BALD_add_1_818
1797 BALD_add_1_818
1798 BALD_add_1_818
1799 20520it [05:48, 376.49it/s]BALD_add_1_818
1800 21299it [05:49, 366.06it/s]BALD_add_1_818
1801 BALD_add_1_818
1802 BALD_add_1_818
1803 BALD_add_1_818
1804 22227it [06:04, 430.98it/s]BALD_add_1_818
1805 BALD_add_1_818
1806 BALD_add_1_818
1807 BALD_add_1_818
1808 23065it [06:18, 362.11it/s]BALD_add_1_818
1809 BALD_add_1_818
1810 BALD_add_1_818
1811 23086it [06:31, 14.62it/s] BALD_add_1_818
1812 23915it [06:32, 392.19it/s]BALD_add_1_818
1813 BALD_add_1_818
1814 BALD_add_1_818
1815 BALD_add_1_818
1816 24774it [06:46, 320.43it/s]BALD_add_1_818
1817 BALD_add_1_818
1818 BALD_add_1_818
1819 24796it [06:59, 15.99it/s] BALD_add_1_818
1820 25630it [07:00, 393.09it/s]BALD_add_1_818
1821 BALD_add_1_818
1822 global t is : 9
1823 BALD_add_1_818
1824 BALD_add_1_818
```

```
1825 BALD_add_1_818
1826 BALD_add_1_818
1827 test epoch results {'accuracy': 0.6209150326797386
    , 'f1_weighted': 0.595315966602128, 'f1_macro': 0.
51910448215353, 'f1': array([0.84444444, 0.29090909
    , 0.55913978, 0.37647059, 0.64717349,
1828      0.08333333, 0.66246057, 0.63817664, 0.
5698324 ], 'precision': array([0.81428571, 0.
44444444, 0.59090909, 0.69565217, 0.55518395,
1829      0.57142857, 0.73426573, 0.55906822, 0.
62962963]), 'recall': array([0.87692308, 0.21621622
    , 0.53061224, 0.25806452, 0.77570093,
1830      0.04494382, 0.60344828, 0.74336283, 0.
52040816])}
1831 val epoch results {'accuracy': 0.6666666666666666
    , 'f1_weighted': 0.6283054458899636, 'f1_macro': 0.
4789321043554478, 'f1': array([0.88073394, 0
    .      , 0.63157895, 0.30612245, 0.55670103,
1832      0.      , 0.69565217, 0.73255814, 0.
50704225]), 'precision': array([0.84955752, 0
    .      , 0.66666667, 0.71428571, 0.43548387,
1833      0.      , 0.76190476, 0.63157895, 0.72
    ], 'recall': array([0.91428571, 0.      ,
0.6      , 0.19480519, 0.77142857,
1834      0.      , 0.64      , 0.87197232, 0.
39130435])}
1835 25650it [07:16, 58.81it/s]
1836 mc dropout begin
1837 Downloading data files: 100%|██████████| 1/1 [00:00
<00:00, 1860.00it/s]
1838 Extracting data files: 100%|██████████| 1/1 [00:00<
00:00, 66.69it/s]
1839 Downloading and preparing dataset csv/default to C
:/Users/admin/.cache/huggingface/datasets/csv/
default-cecff36af63abc31/0.0.0/
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8
53bcc7ec513e1...
1840 100%|██████████| 1/1 [00:00<00:00, 79.99it/s]
1841 Dataset csv downloaded and prepared to C:/Users/
admin/.cache/huggingface/datasets/csv/default-
cecff36af63abc31/0.0.0/
```

1841 6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.

1842 Downloading data files: 100% [██████████] | 1/1 [00:00  
<, ?it/s]

1843 Downloading and preparing dataset csv/default to C  
:/Users/admin/.cache/huggingface/datasets/csv/  
default-e78e5cc98f1edb54/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...

1844 Extracting data files: 100% [██████████] | 1/1 [00:00<  
00:00, 142.79it/s]

1845 100% [██████████] | 1/1 [00:00<00:00, 66.29it/s]

1846 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
e78e5cc98f1edb54/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.

1847 Downloading data files: 100% [██████████] | 1/1 [00:00  
<, ?it/s]

1848 Downloading and preparing dataset csv/default to C  
:/Users/admin/.cache/huggingface/datasets/csv/  
default-382d6e6f8d4a845c/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1...

1849 Extracting data files: 100% [██████████] | 1/1 [00:00<  
00:00, 122.22it/s]

1850 100% [██████████] | 1/1 [00:00<00:00, 89.93it/s]

1851 Dataset csv downloaded and prepared to C:/Users/  
admin/.cache/huggingface/datasets/csv/default-  
382d6e6f8d4a845c/0.0.0/  
6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
53bcc7ec513e1. Subsequent calls will reuse this  
data.

1852 Downloading data files: 100% [██████████] | 1/1 [00:00  
<, ?it/s]

1853 Downloading and preparing dataset csv/default to C  
:/Users/admin/.cache/huggingface/datasets/csv/  
default-679f33d8908b3c63/0.0.0/

```
1853      6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
      53bcc7ec513e1...  
1854 Extracting data files: 100%|██████████| 1/1 [00:00<  
     00:00, 119.36it/s]  
1855 100%|██████████| 1/1 [00:00<00:00, 90.91it/s]  
1856 Dataset csv downloaded and prepared to C:/Users/  
     admin/.cache/huggingface/datasets/csv/default-  
     679f33d8908b3c63/0.0.0/  
     6954658bab30a358235fa864b05cf819af0e179325c740e4bc8  
     53bcc7ec513e1. Subsequent calls will reuse this  
     data.  
1857 t is : 10  
1858 addlen is: 5000  
1859  
1860 Process finished with exit code 0  
1861
```