

Results: bert-base-uncased-baseline-plg-[cls]-lr-
[0.00005—0.00001—0.000001]-folds-[2]

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1 Configurations

1.1 Run Configuration

0	
experiment_idenfier	llm-baseline-[bert—sbert]
run_idenfier	bert-base-uncased-baseline-plg-[cls]-lr-[0.000...
config_file_path	/tmp/71354.1.all.q/ctre/cnc-task-3/runs/config...

1.2 Data Configuration

0	
data_utility_cls	cnc_utilities
dataset_cls	CNCTask3aDataset
nos_of_folds	2
trn_data_path	/cnc-task-3/data/csv-gold-standard/training-data/
tst_data_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
base_output_folder_path	/cnc-task-3/experiments/
config_file_path	/tmp/71354.1.all.q/ctre/cnc-task-3/runs/config...

1.3 Preprocessing Configuration

0	
collate_fn_name	LLMCollateFn
llm_name	bert-base-uncased
connl_folder_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
max_nos_tokens	84
token_sep	True
config_file_path	/tmp/71354.1.all.q/ctre/cnc-task-3/runs/config...

2 Hyperparameters

2.1 hparam_config_id_0

	0
loss_function	cross-entropy-loss
learning_rate	0.00005
batch_size	1
optimizer	adam
llm	bert-base-uncased
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	cls
classes	2
max_epochs	10

2.2 hparam_config_id_1

	0
loss_function	cross-entropy-loss
learning_rate	0.00001
batch_size	1
optimizer	adam
llm	bert-base-uncased
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	cls
classes	2
max_epochs	10

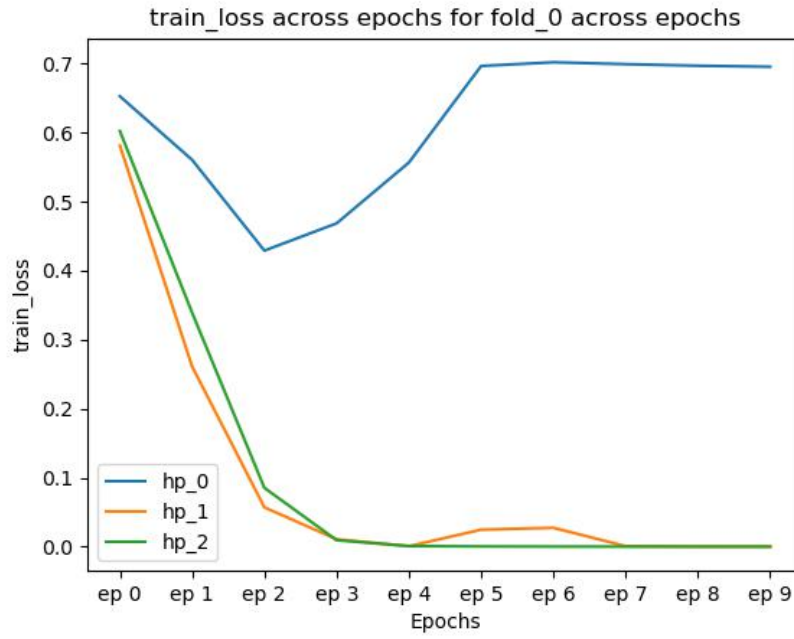
2.3 hparam_config_id_2

	0
loss_function	cross-entropy-loss
learning_rate	0.000005
batch_size	1
optimizer	adam
llm	bert-base-uncased
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	cls
classes	2
max_epochs	10

3 fold_0

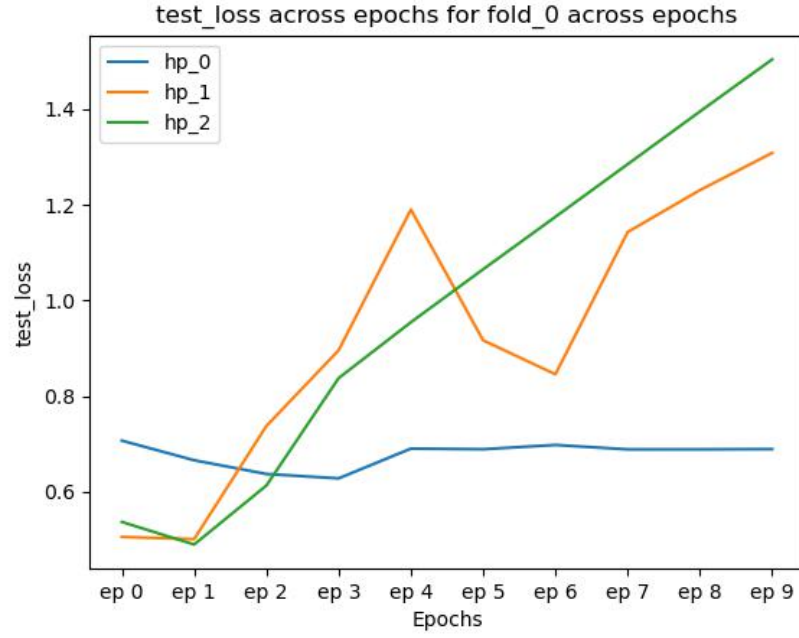
3.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.653	0.561	0.429	0.469	0.557	0.697	0.702	0.699	0.697	0.695
hp_1	0.581	0.261	0.057	0.011	0.001	0.025	0.027	0.001	0.000	0.000
hp_2	0.602	0.339	0.085	0.009	0.001	0.000	0.000	0.000	0.000	0.000



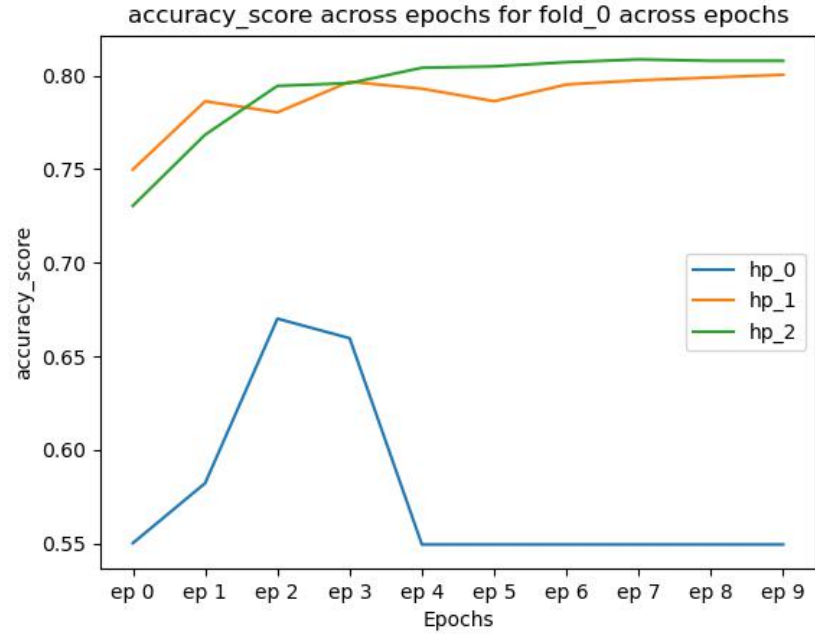
3.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.706	0.665	0.637	0.628	0.690	0.689	0.697	0.688	0.688	0.689
hp_1	0.505	0.501	0.737	0.896	1.190	0.916	0.845	1.143	1.231	1.308
hp_2	0.536	0.489	0.613	0.837	0.954	1.065	1.175	1.285	1.395	1.504



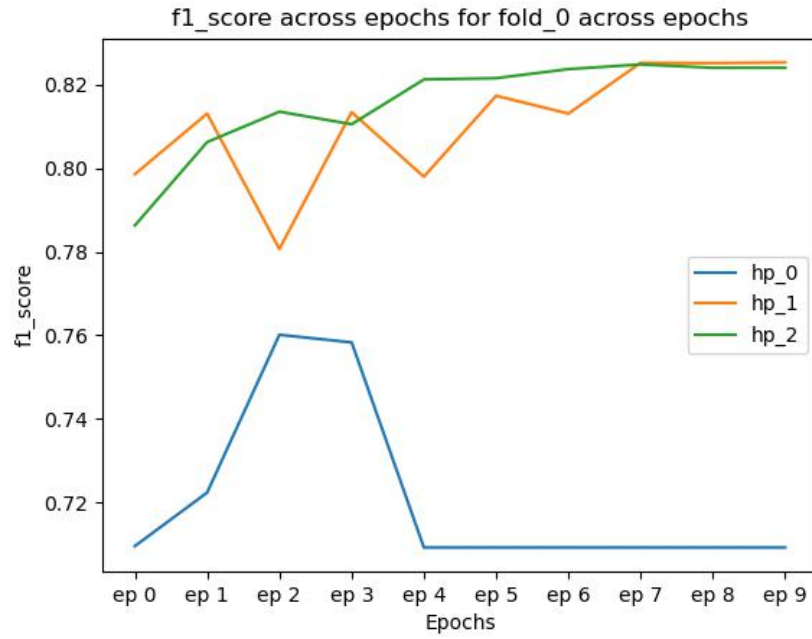
3.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.55	0.582	0.670	0.660	0.550	0.550	0.550	0.550	0.550	0.550
hp_1	0.75	0.786	0.780	0.797	0.793	0.786	0.795	0.797	0.799	0.800
hp_2	0.73	0.768	0.794	0.796	0.804	0.805	0.807	0.809	0.808	0.808



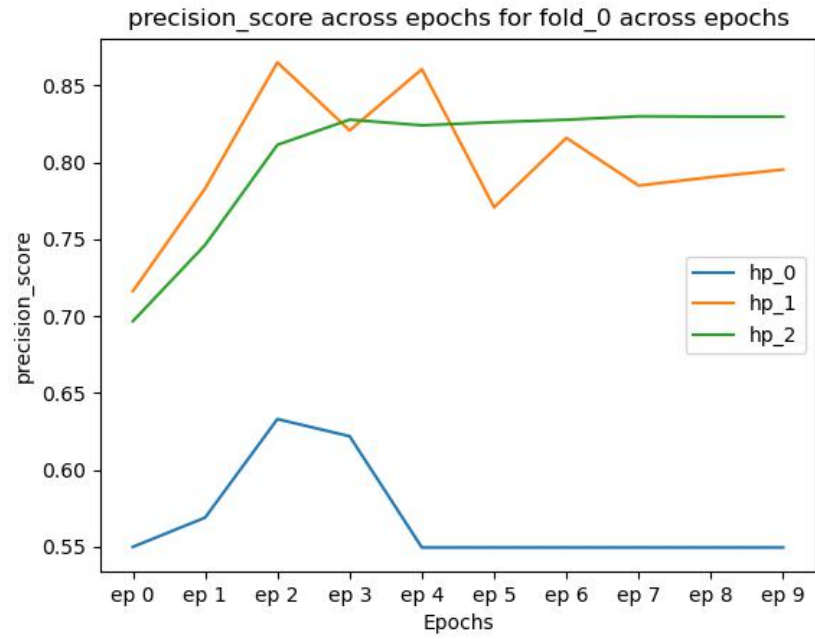
3.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.710	0.722	0.760	0.758	0.709	0.709	0.709	0.709	0.709	0.709
hp_1	0.799	0.813	0.781	0.813	0.798	0.817	0.813	0.825	0.825	0.825
hp_2	0.786	0.806	0.814	0.811	0.821	0.822	0.824	0.825	0.824	0.824



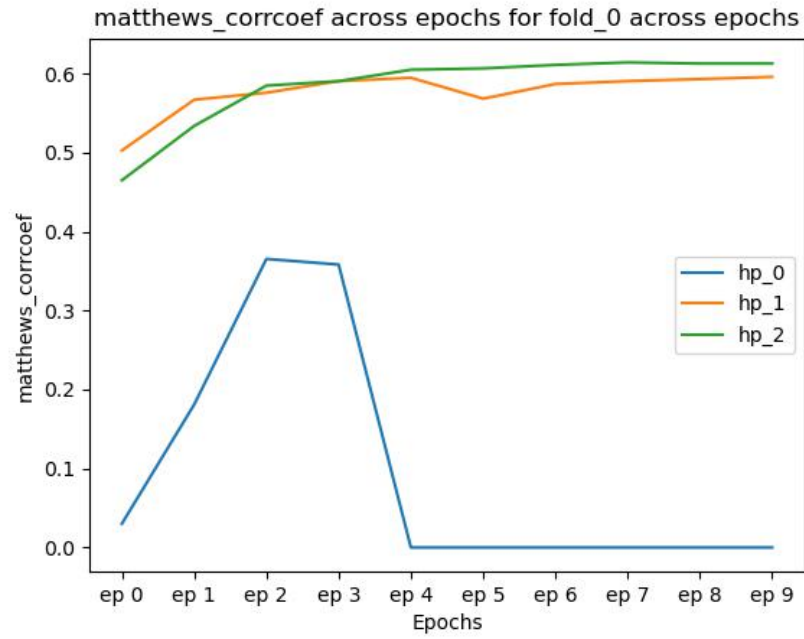
3.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.550	0.569	0.633	0.622	0.550	0.550	0.550	0.550	0.55	0.550
hp_1	0.716	0.783	0.865	0.821	0.861	0.771	0.816	0.785	0.79	0.795
hp_2	0.697	0.746	0.811	0.828	0.824	0.826	0.828	0.830	0.83	0.830



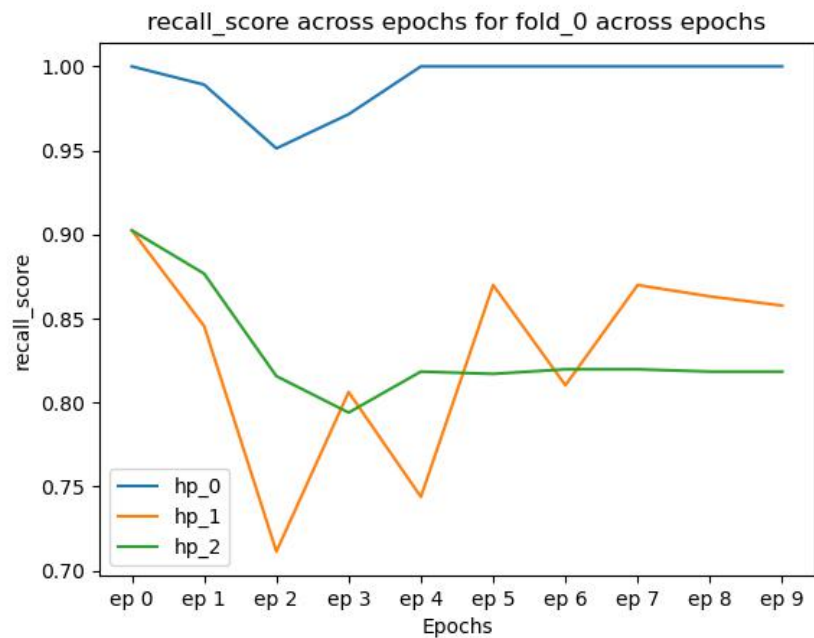
3.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.030	0.181	0.365	0.358	0.000	0.000	0.000	0.000	0.000	0.000
hp_1	0.503	0.567	0.576	0.590	0.595	0.568	0.587	0.590	0.593	0.596
hp_2	0.465	0.534	0.585	0.590	0.605	0.606	0.611	0.614	0.613	0.613



3.7 recall_score

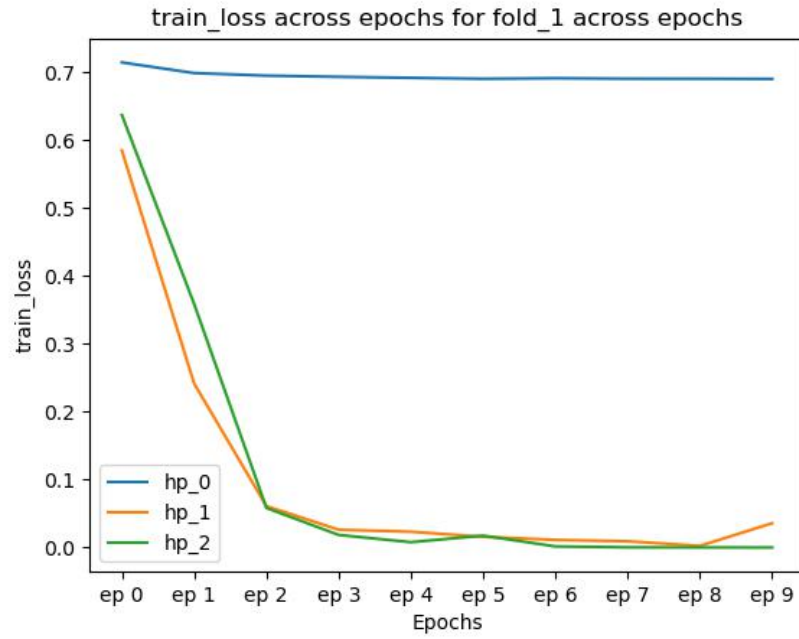
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	1.000	0.989	0.951	0.972	1.000	1.000	1.00	1.00	1.000	1.000
hp_1	0.902	0.846	0.711	0.806	0.744	0.870	0.81	0.87	0.863	0.858
hp_2	0.902	0.877	0.816	0.794	0.818	0.817	0.82	0.82	0.818	0.818



4 fold_1

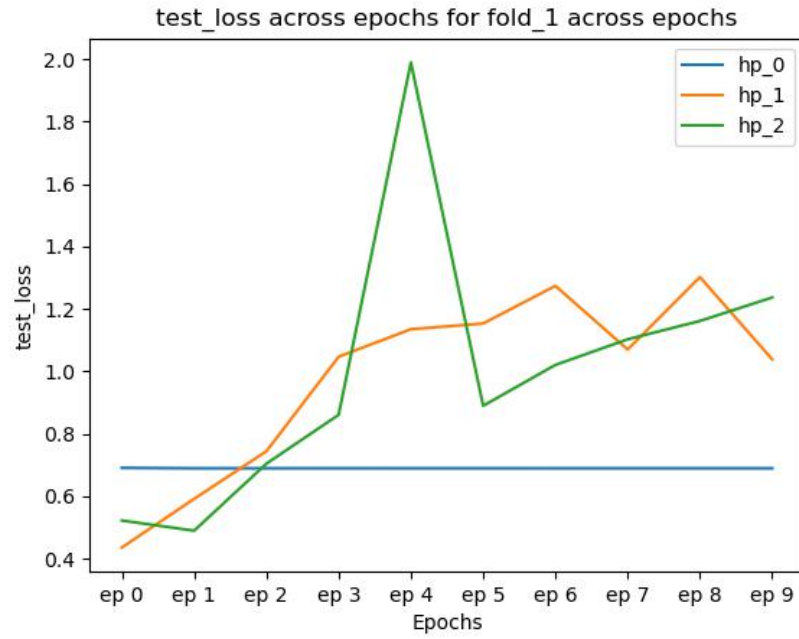
4.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.715	0.699	0.695	0.694	0.692	0.691	0.692	0.691	0.691	0.691
hp_1	0.585	0.242	0.061	0.026	0.023	0.016	0.011	0.009	0.002	0.036
hp_2	0.637	0.359	0.058	0.019	0.008	0.018	0.002	0.000	0.000	0.000



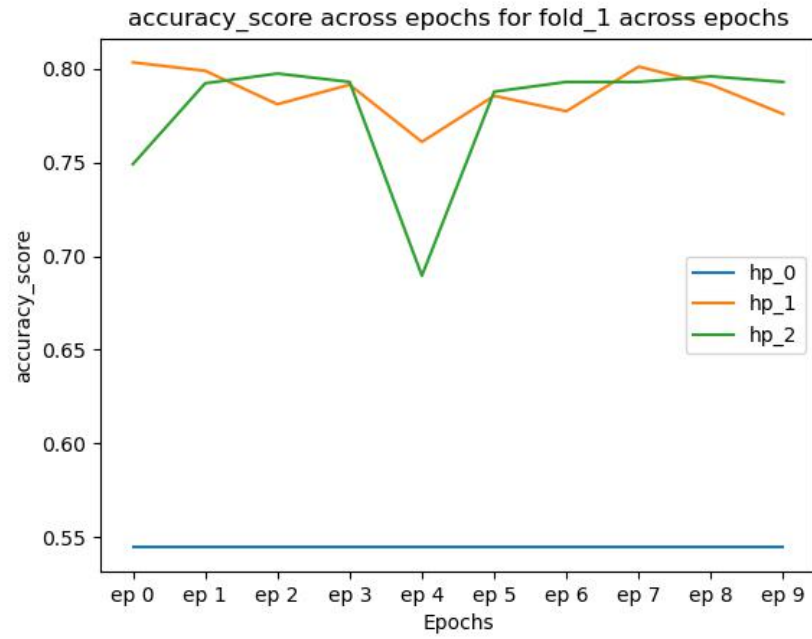
4.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.691	0.689	0.689	0.689	0.689	0.689	0.689	0.689	0.689	0.689
hp_1	0.436	0.591	0.744	1.047	1.135	1.153	1.273	1.070	1.301	1.038
hp_2	0.522	0.489	0.704	0.861	1.989	0.889	1.020	1.102	1.161	1.236



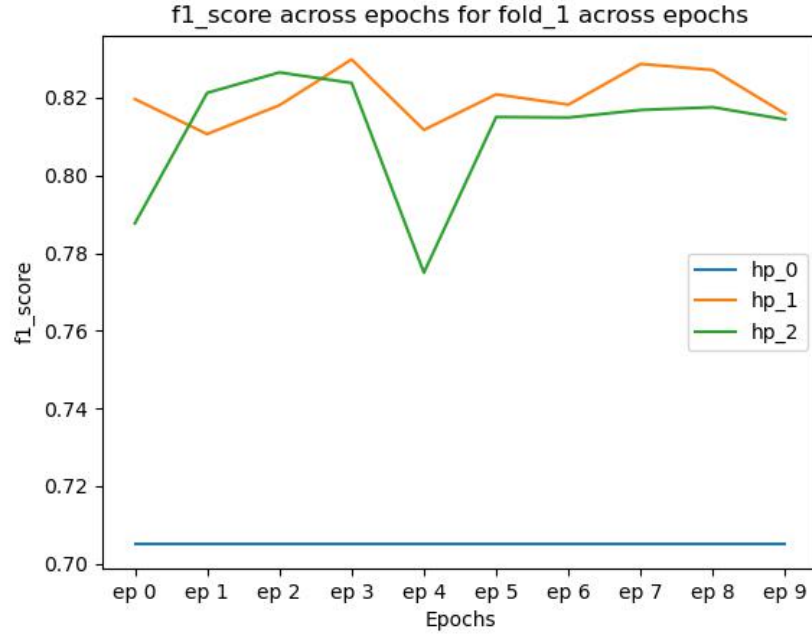
4.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544
hp_1	0.803	0.799	0.781	0.792	0.761	0.786	0.777	0.801	0.792	0.776
hp_2	0.749	0.792	0.797	0.793	0.690	0.788	0.793	0.793	0.796	0.793



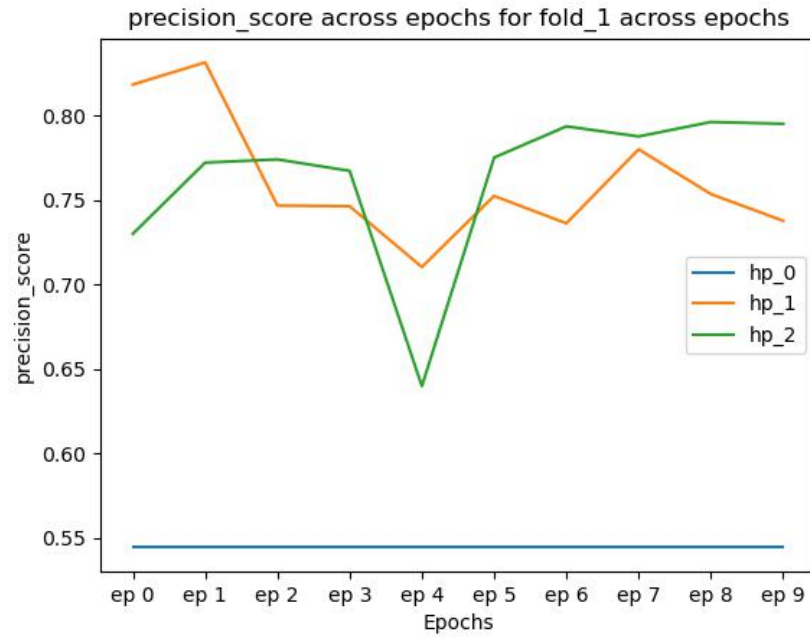
4.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705
hp_1	0.820	0.811	0.818	0.830	0.812	0.821	0.818	0.829	0.827	0.816
hp_2	0.788	0.821	0.827	0.824	0.775	0.815	0.815	0.817	0.818	0.814



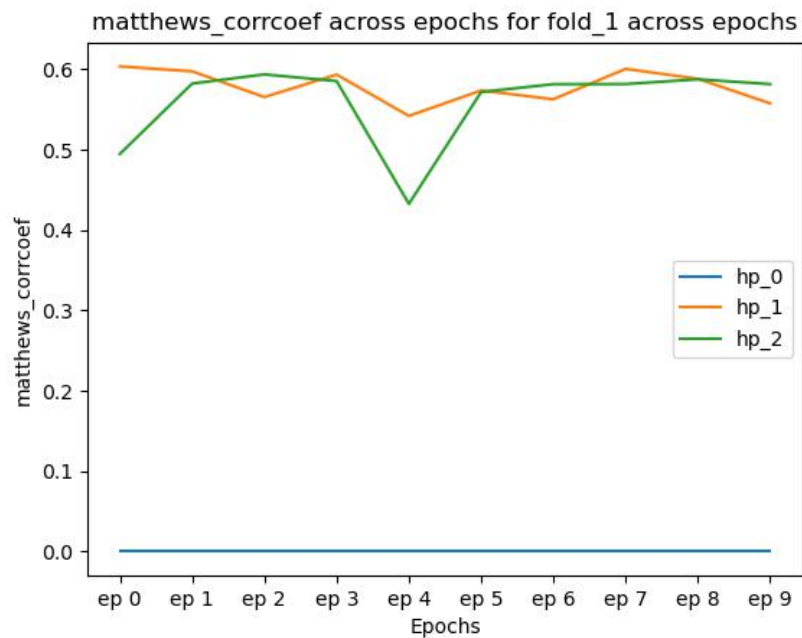
4.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544	0.544
hp_1	0.819	0.832	0.747	0.746	0.710	0.753	0.736	0.780	0.754	0.738
hp_2	0.730	0.772	0.774	0.767	0.640	0.775	0.794	0.788	0.796	0.795



4.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hp_1	0.604	0.598	0.565	0.593	0.542	0.574	0.563	0.601	0.588	0.558
hp_2	0.495	0.582	0.594	0.585	0.433	0.572	0.582	0.582	0.588	0.582



4.7 recall_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
hp_1	0.821	0.791	0.904	0.934	0.947	0.903	0.921	0.884	0.917	0.912
hp_2	0.855	0.877	0.886	0.889	0.982	0.859	0.837	0.848	0.840	0.834

