

Results: bert-base-uncased-baseline-lr-
[0.00005—0.00001—0.000001]

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1 Configurations

1.1 Run Configuration

0	
experiment_idenfier	llm-baseline-[bert—sbert]
run_idenfier	bert-base-uncased-baseline-lr-[0.00005—0.00001...
config_file_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...

1.2 Data Configuration

0	
data_utility_cls	cnc_utilities
dataset_cls	CNCTask3aDataset
nos_of_folds	3
trn_data_path	/cnc-task-3/script-development/data/CSV-Output/
tst_data_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
base_output_folder_path	/cnc-task-3/script-development/output/
config_file_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...

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	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...

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	3

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	3

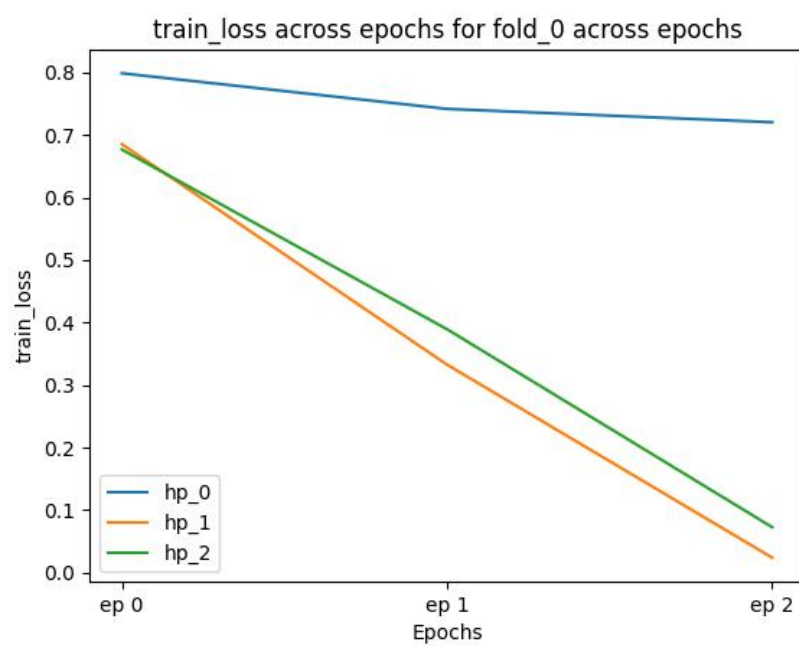
2.3 hparam_config_id_2

	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	3

3 fold_0

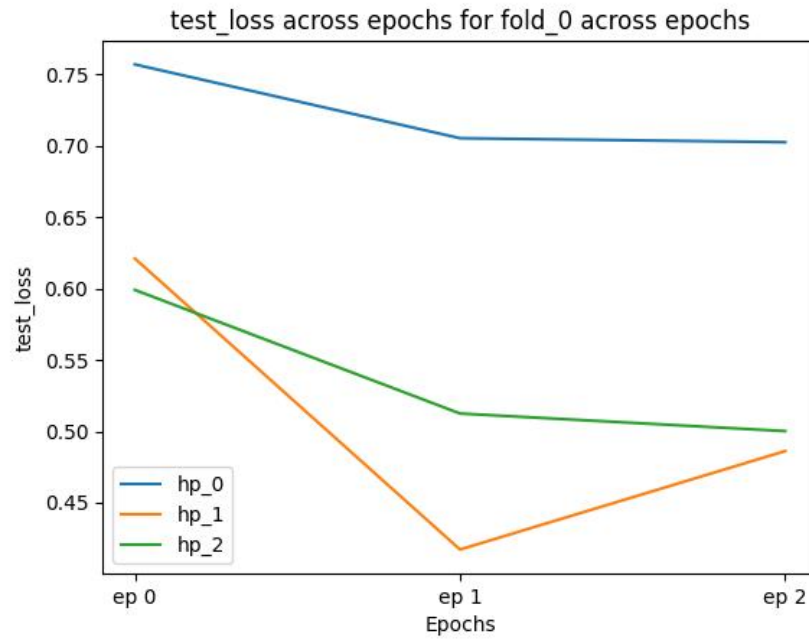
3.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.799	0.742	0.720
hp_1	0.685	0.333	0.024
hp_2	0.677	0.389	0.073



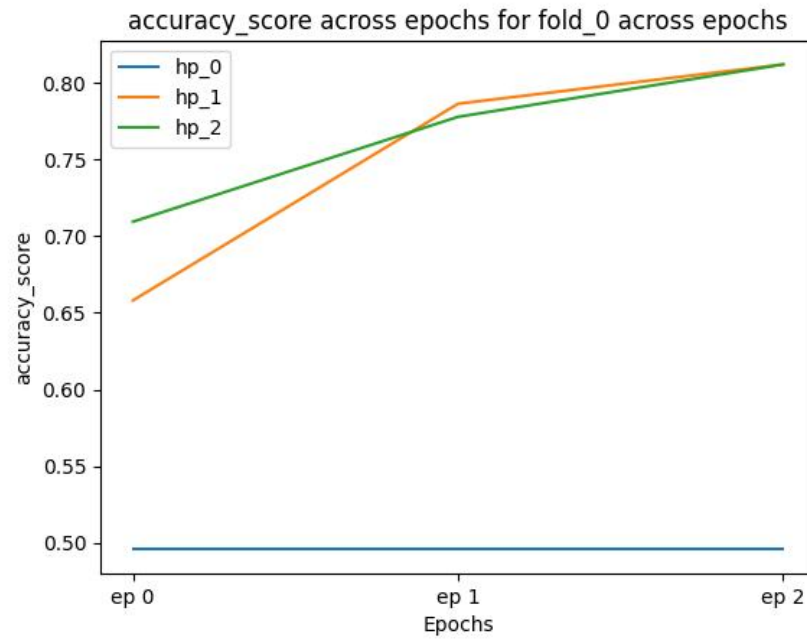
3.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.757	0.705	0.703
hp_1	0.621	0.417	0.486
hp_2	0.599	0.512	0.500



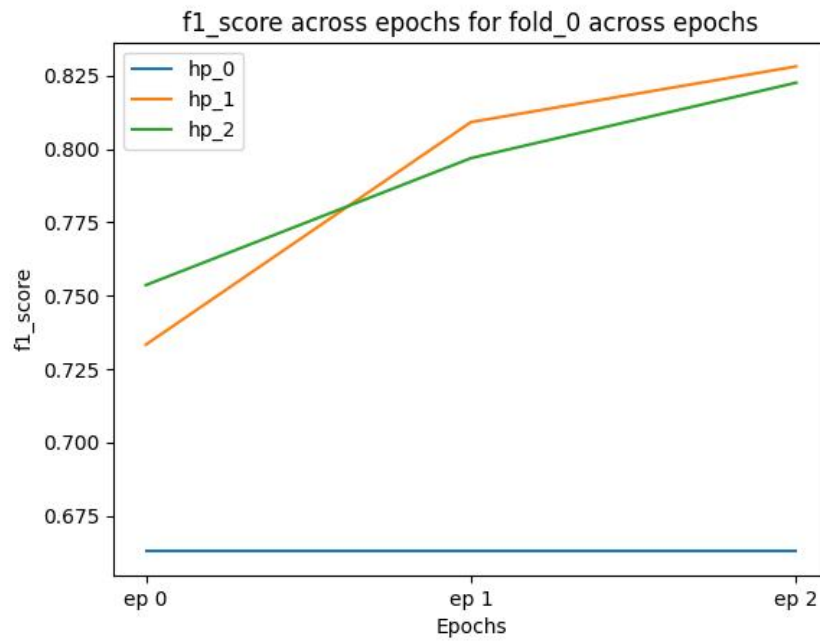
3.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.496	0.496	0.496
hp_1	0.658	0.786	0.812
hp_2	0.709	0.778	0.812



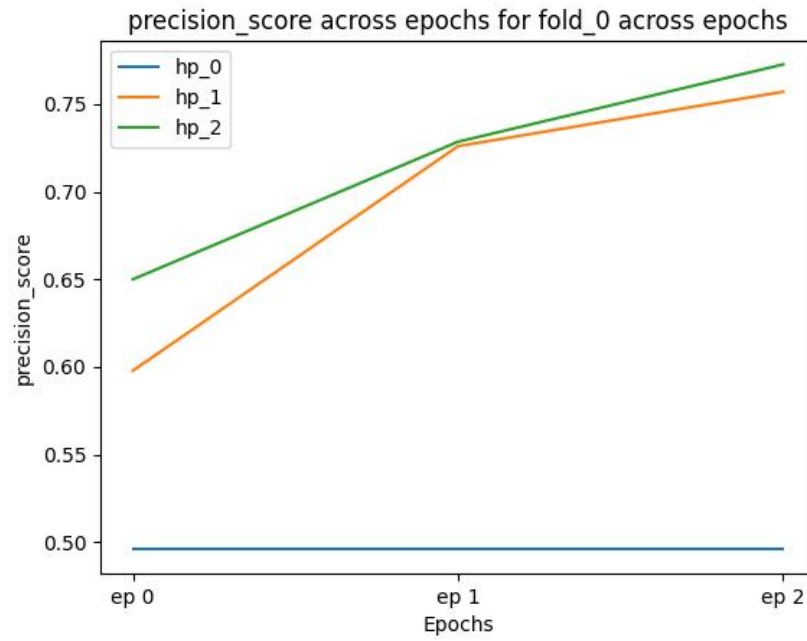
3.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.663	0.663	0.663
hp_1	0.733	0.809	0.828
hp_2	0.754	0.797	0.823



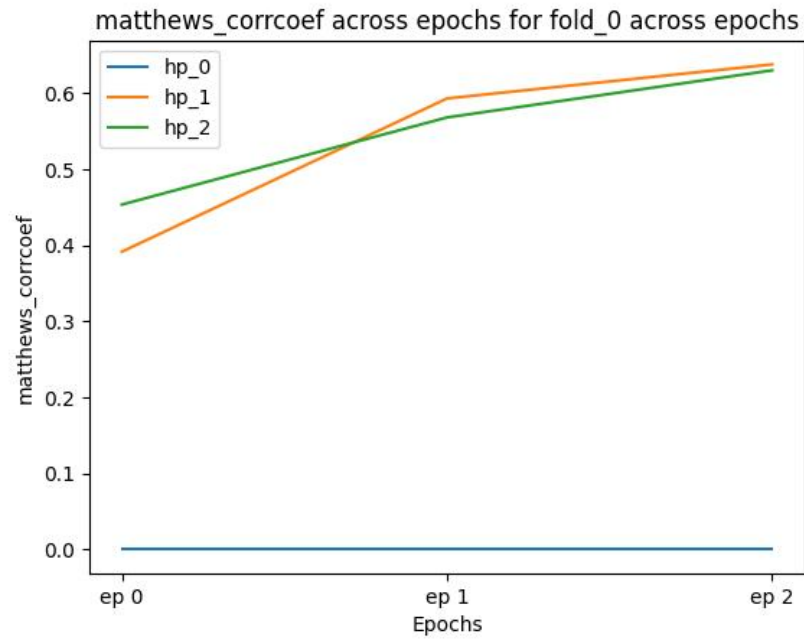
3.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.496	0.496	0.496
hp_1	0.598	0.726	0.757
hp_2	0.650	0.729	0.773



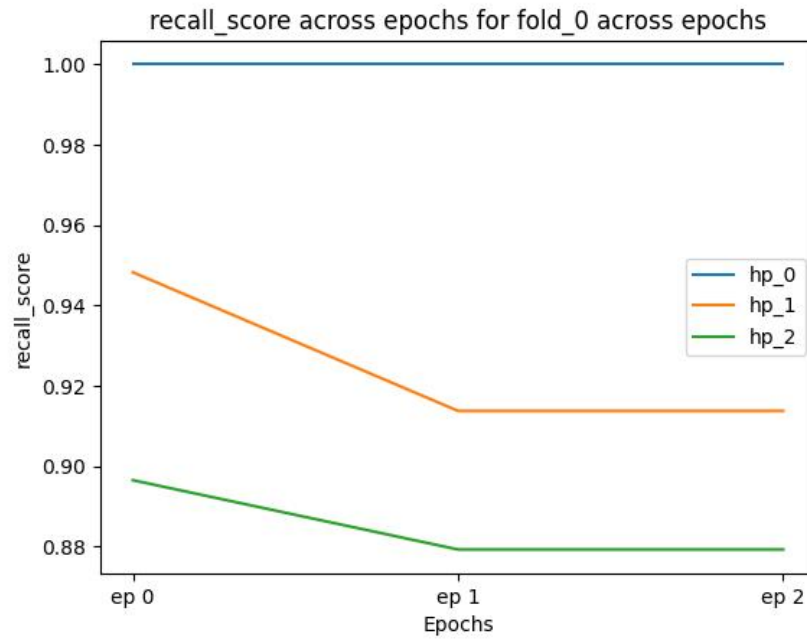
3.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.000	0.000	0.000
hp_1	0.392	0.593	0.638
hp_2	0.454	0.568	0.630



3.7 recall_score

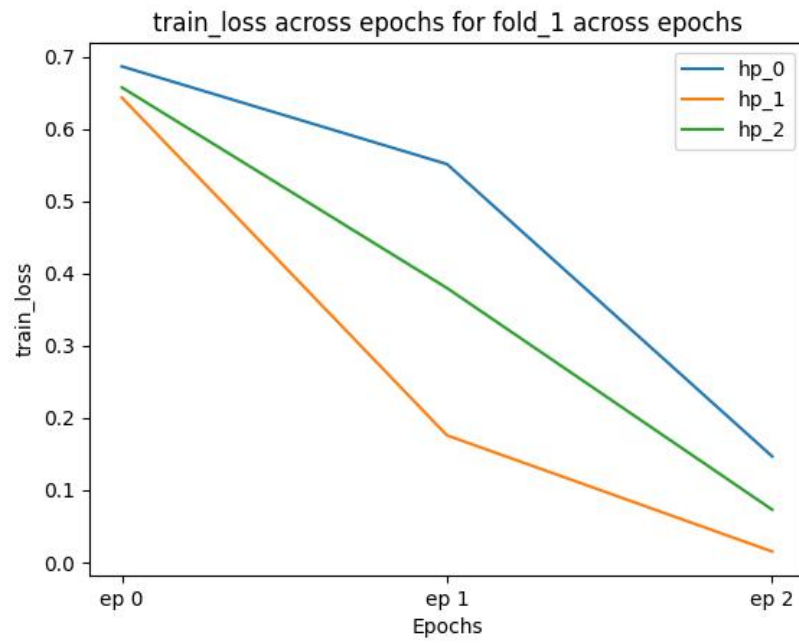
	ep 0	ep 1	ep 2
hp_0	1.000	1.000	1.000
hp_1	0.948	0.914	0.914
hp_2	0.897	0.879	0.879



4 fold_1

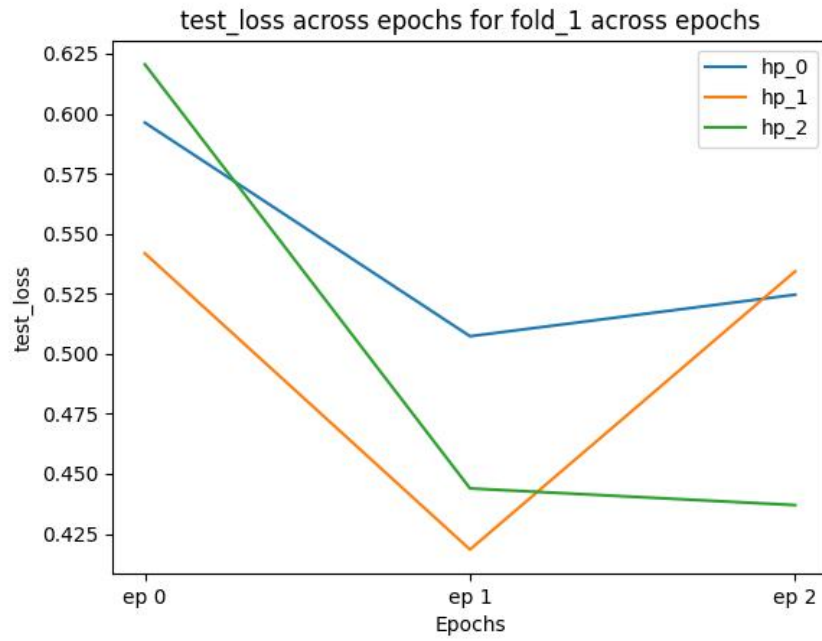
4.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.687	0.552	0.147
hp_1	0.644	0.176	0.015
hp_2	0.658	0.380	0.073



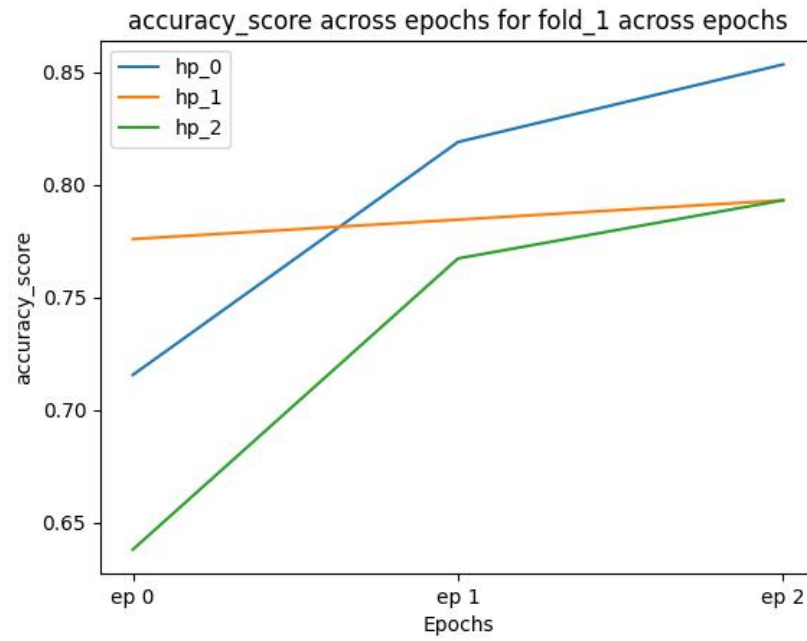
4.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.596	0.507	0.525
hp_1	0.542	0.418	0.534
hp_2	0.621	0.444	0.437



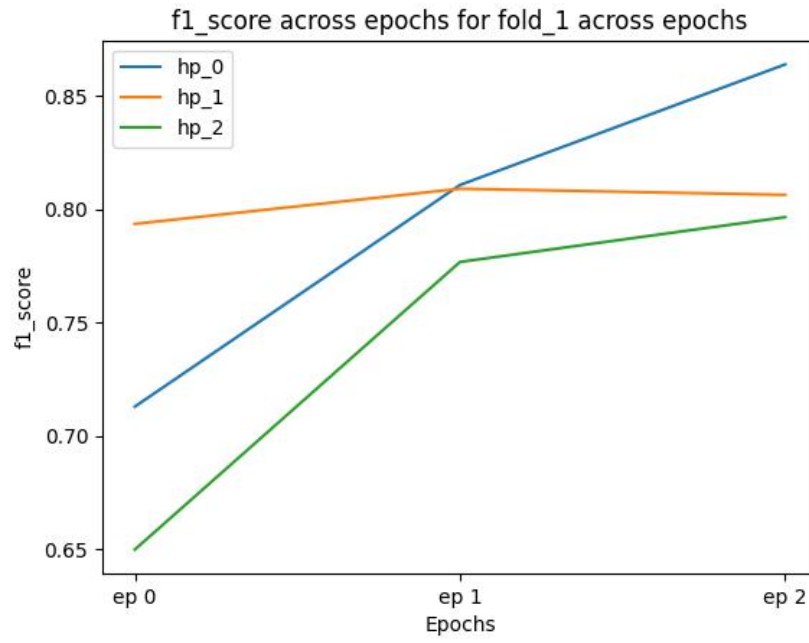
4.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.716	0.819	0.853
hp_1	0.776	0.784	0.793
hp_2	0.638	0.767	0.793



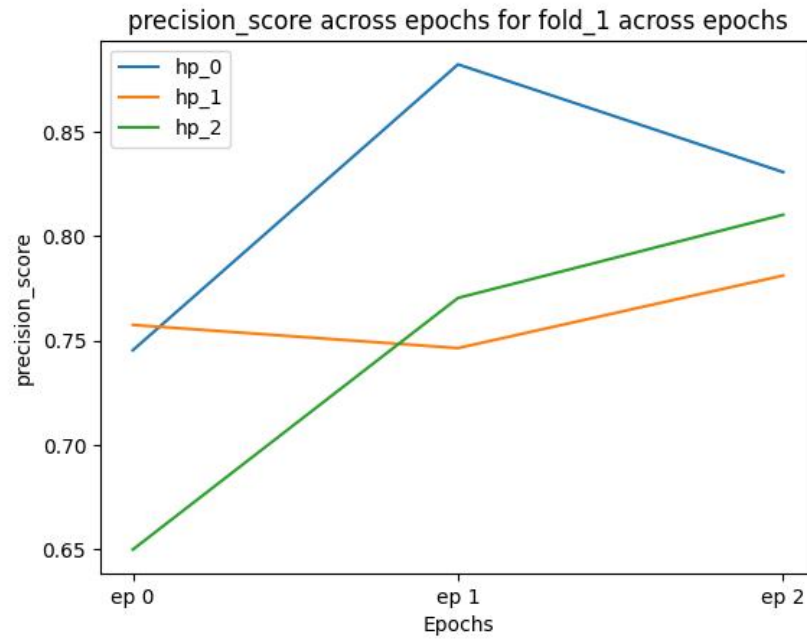
4.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.713	0.811	0.864
hp_1	0.794	0.809	0.806
hp_2	0.650	0.777	0.797



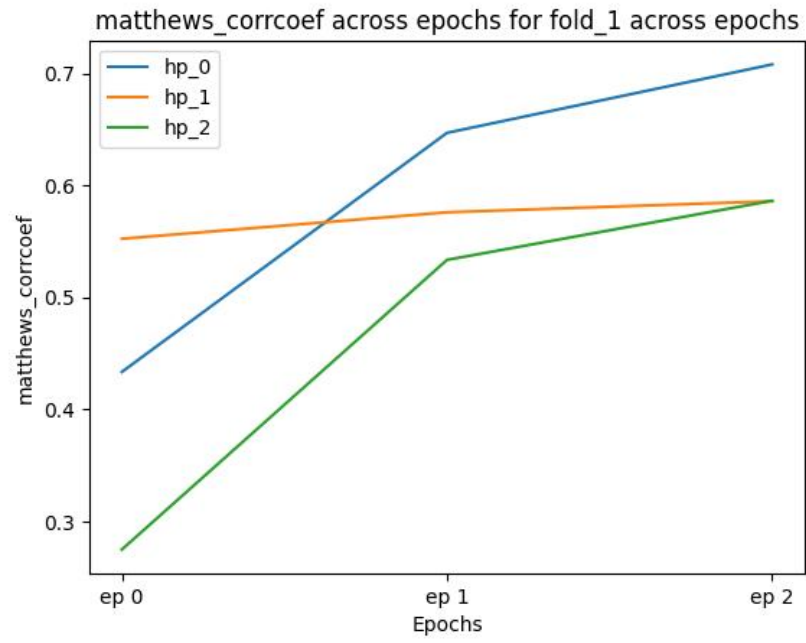
4.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.745	0.882	0.831
hp_1	0.758	0.746	0.781
hp_2	0.650	0.770	0.810



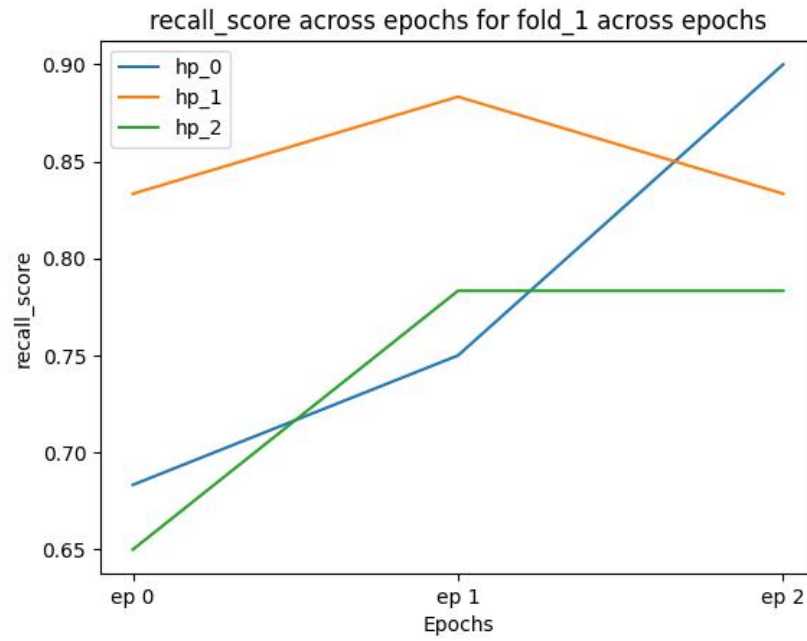
4.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.434	0.647	0.708
hp_1	0.553	0.576	0.586
hp_2	0.275	0.534	0.587



4.7 recall_score

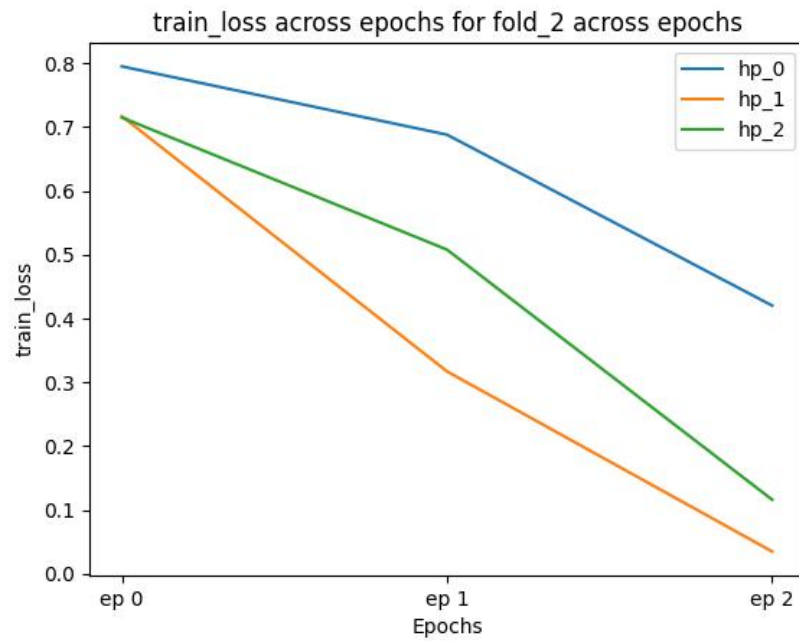
	ep 0	ep 1	ep 2
hp_0	0.683	0.750	0.900
hp_1	0.833	0.883	0.833
hp_2	0.650	0.783	0.783



5 fold_2

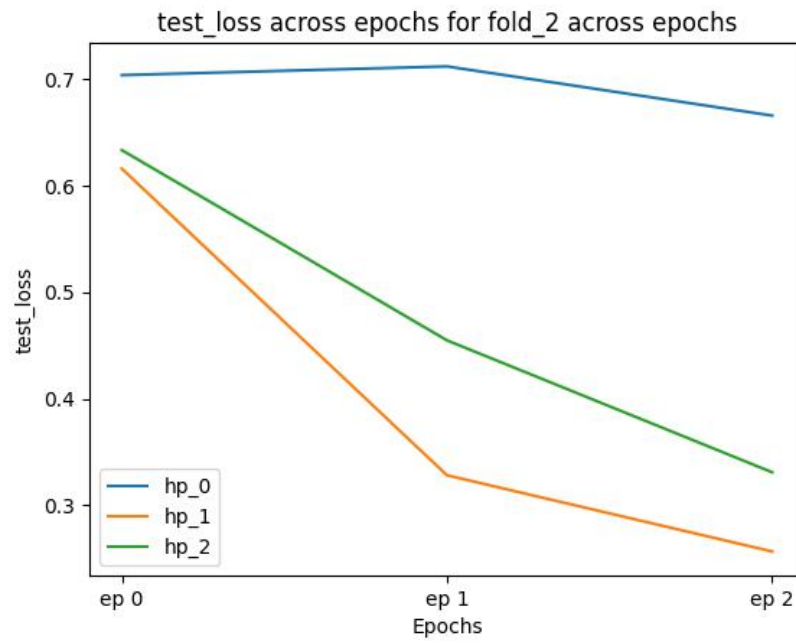
5.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.795	0.688	0.420
hp_1	0.717	0.317	0.035
hp_2	0.715	0.508	0.116



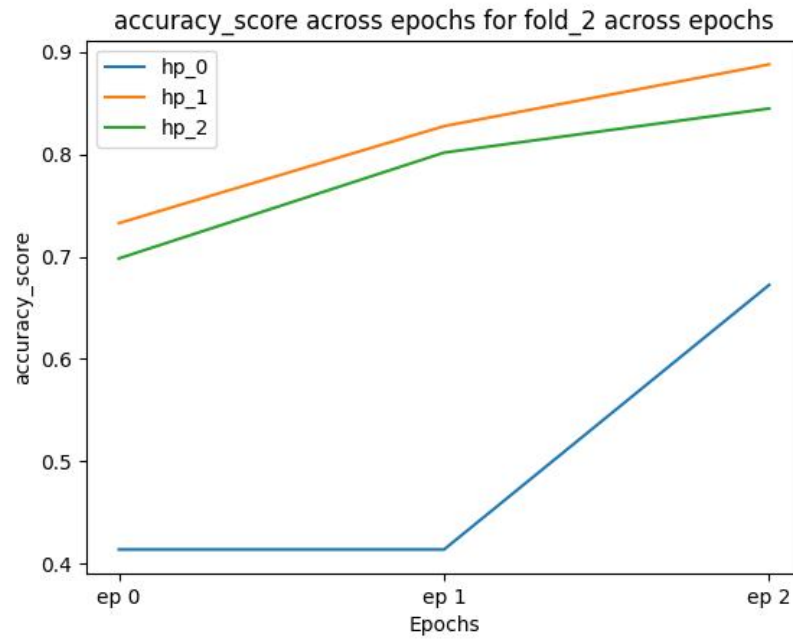
5.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.704	0.712	0.666
hp_1	0.616	0.328	0.256
hp_2	0.634	0.455	0.331



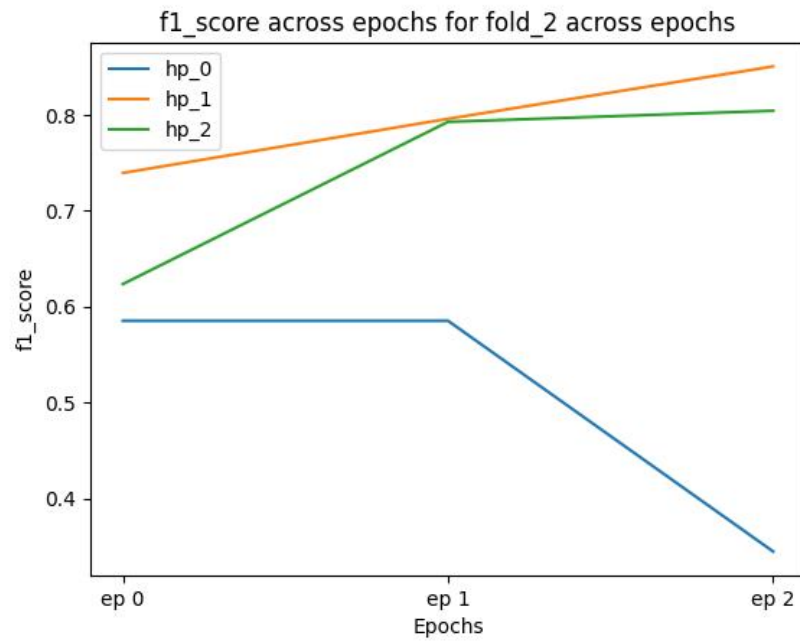
5.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.414	0.414	0.672
hp_1	0.733	0.828	0.888
hp_2	0.698	0.802	0.845



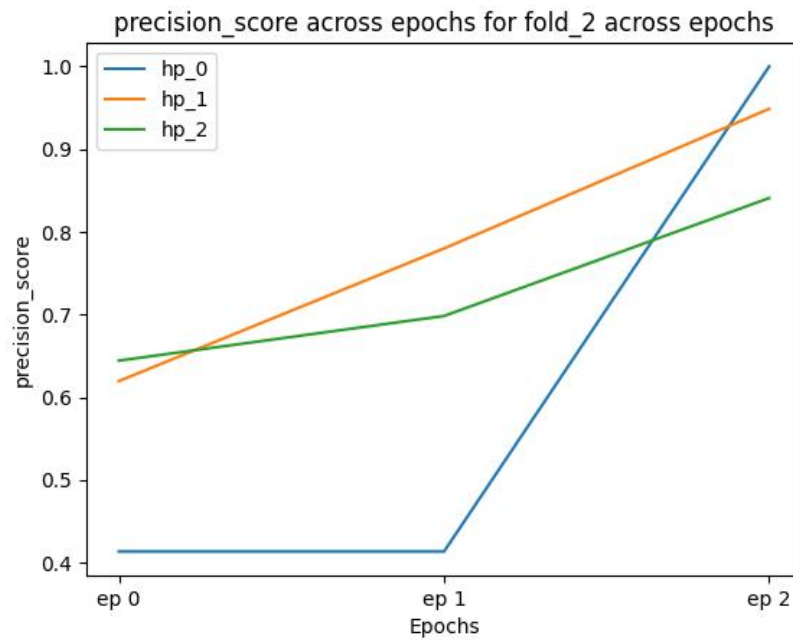
5.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.585	0.585	0.345
hp_1	0.739	0.796	0.851
hp_2	0.624	0.793	0.804



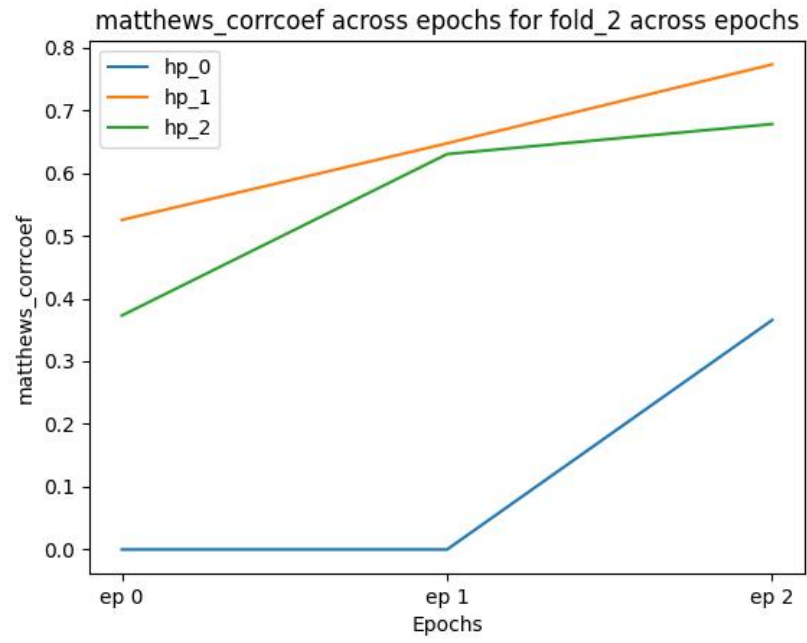
5.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.414	0.414	1.000
hp_1	0.620	0.780	0.949
hp_2	0.644	0.698	0.841



5.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.000	0.000	0.366
hp_1	0.525	0.647	0.773
hp_2	0.373	0.630	0.678



5.7 recall_score

	ep 0	ep 1	ep 2
hp_0	1.000	1.000	0.208
hp_1	0.917	0.812	0.771
hp_2	0.604	0.917	0.771

