Results: mirim-mech-[bert]-lr-[0.00005—0.00001—0.000001]

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1 Configurations

1.1 Run Configuration

	0
experiment_identifier	mirim
run_identifier	mirim-mech-[bert]-lr-[0.00005—0.00001—0.000001]
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	0.00001
batch_size	1
optimizer	adam
llm	bert-base-uncased
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	attn
rnn_type	lstm
num_mech	1
num_active	1
hidden_size	256
input_sizes	[768]
classes	2
max_epochs	3

2.2 hparam_config_id_1

	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	attn
rnn_type	lstm
num_mech	1
num_active	1
hidden_size	256
input_sizes	[768]
classes	2
max_epochs	3

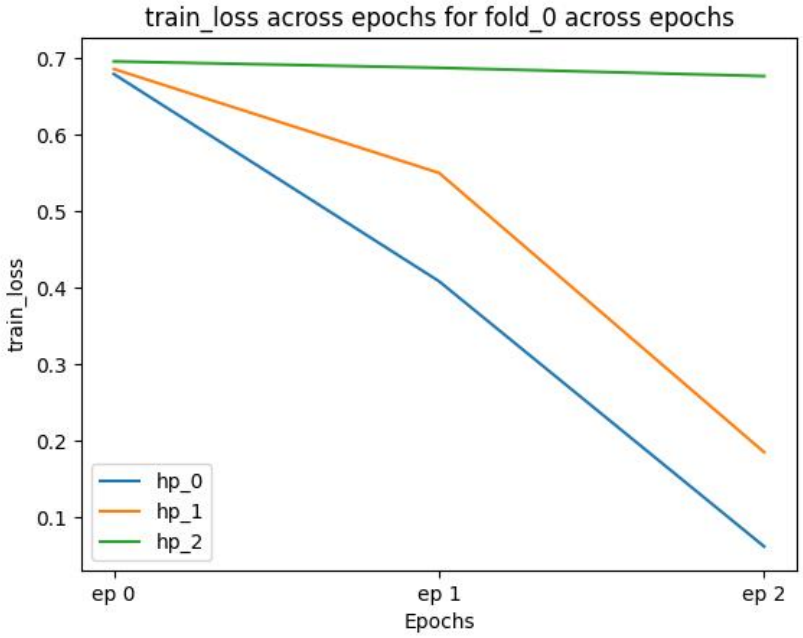
2.3 hparam_config_id_2

	0
loss_function	cross-entropy-loss
learning_rate	0.000001
batch_size	1
optimizer	adam
llm	bert-base-uncased
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	attn
rnn_type	lstm
num_mech	1
num_active	1
hidden_size	256
input_sizes	[768]
classes	2
max_epochs	3

3 fold_0

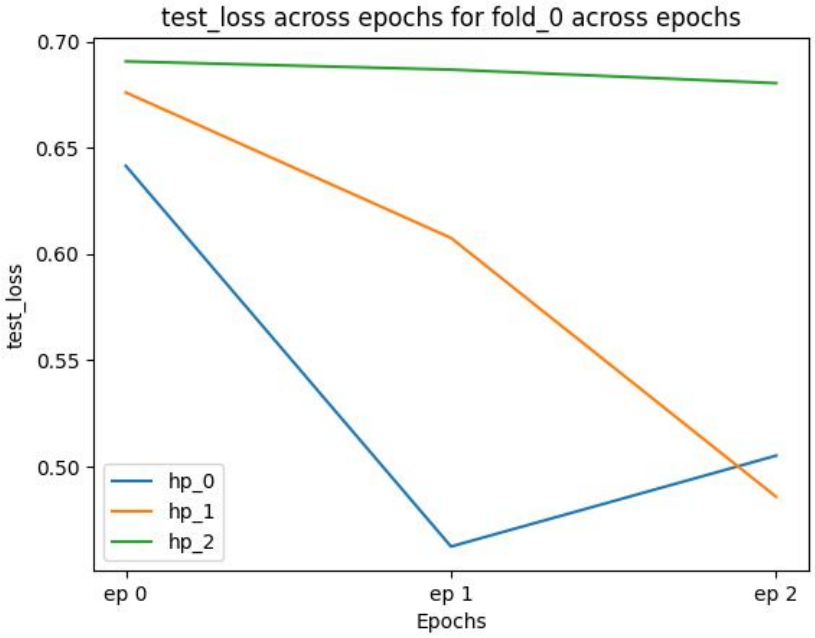
3.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.679	0.409	0.062
hp_1	0.686	0.550	0.185
hp_2	0.696	0.687	0.676



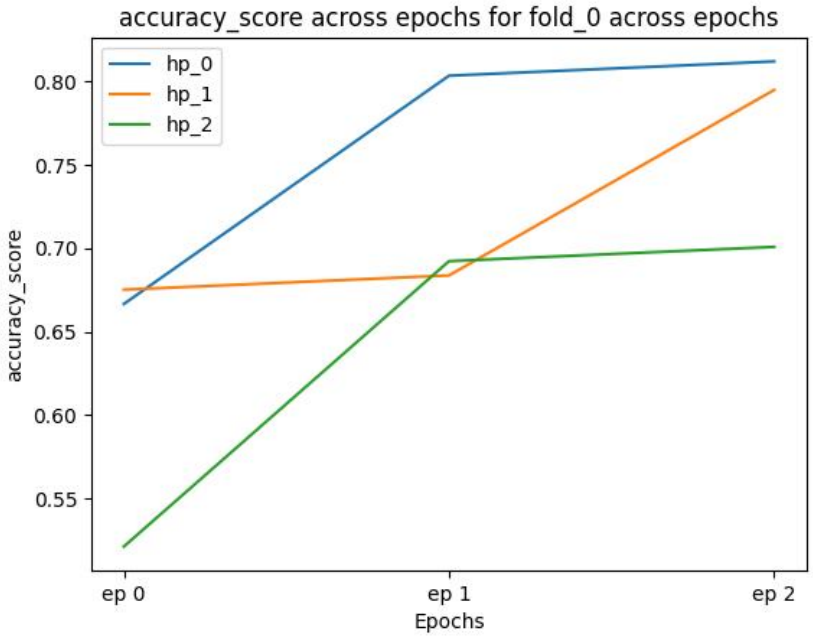
3.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.642	0.462	0.505
hp_1	0.676	0.608	0.486
hp_2	0.691	0.687	0.681



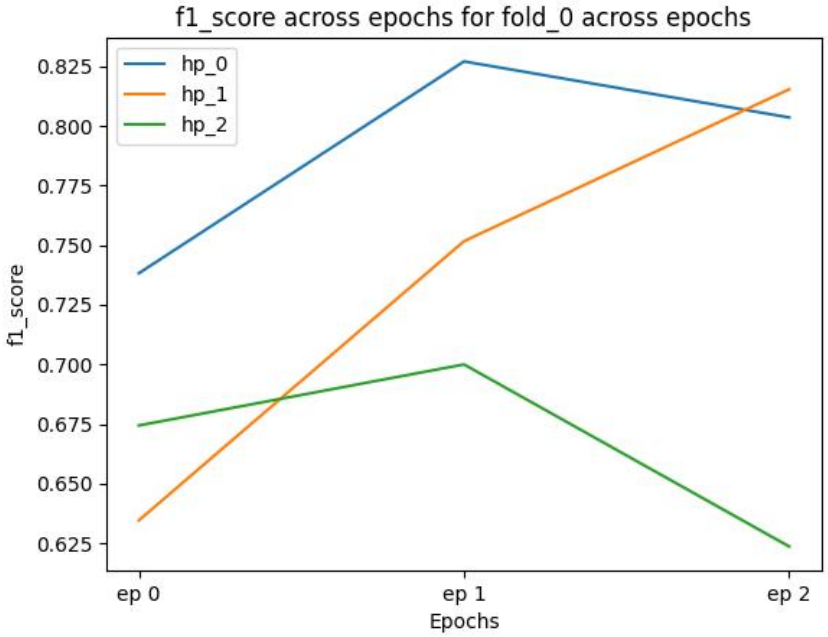
3.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.667	0.803	0.812
hp_1	0.675	0.684	0.795
hp_2	0.521	0.692	0.701



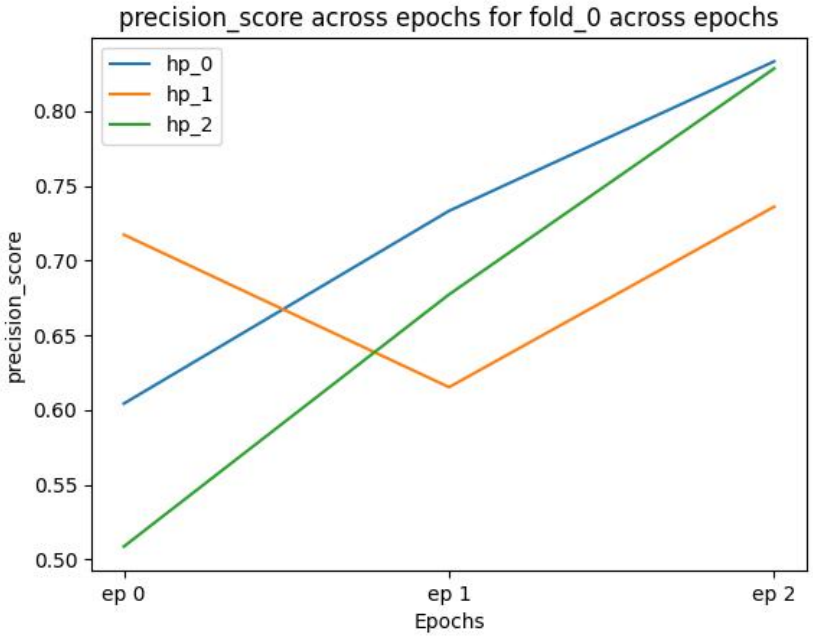
3.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.738	0.827	0.804
hp_1	0.635	0.752	0.815
hp_2	0.674	0.700	0.624



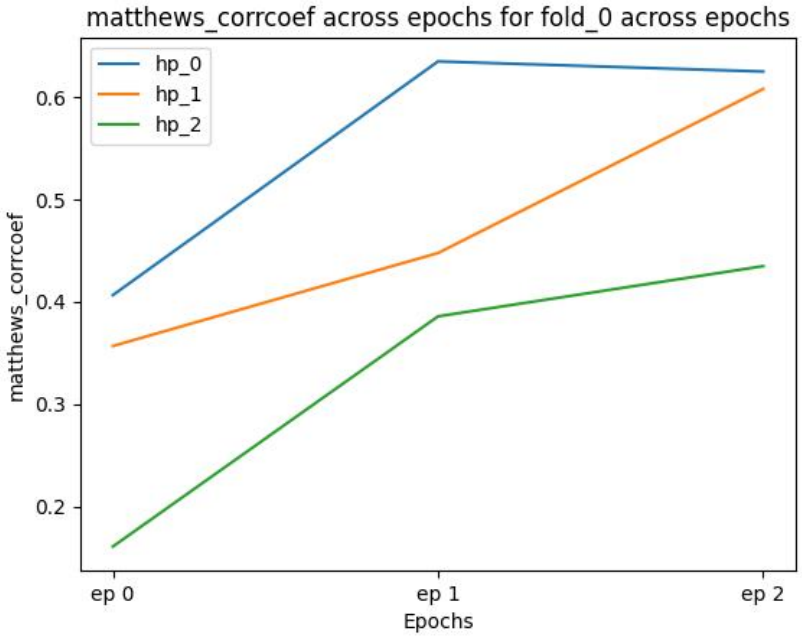
3.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.604	0.733	0.833
hp_1	0.717	0.615	0.736
hp_2	0.509	0.677	0.829



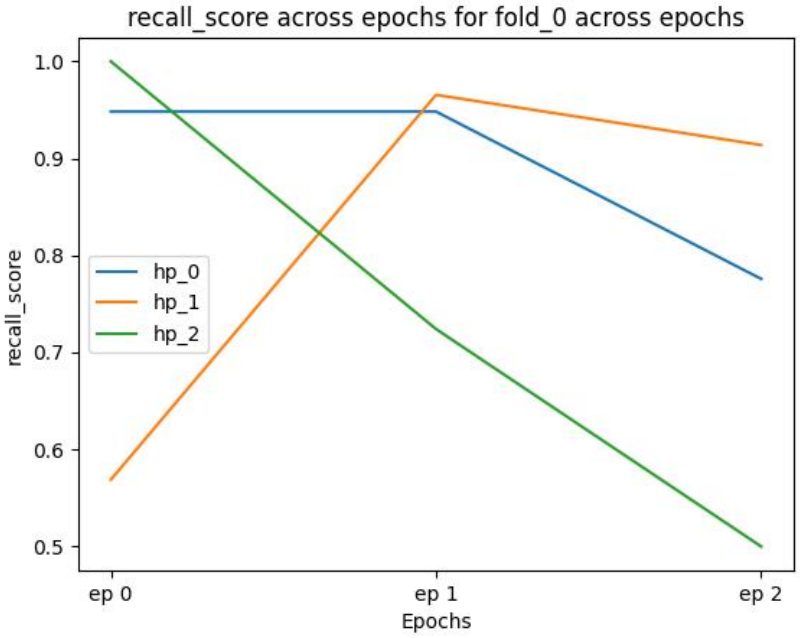
3.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.407	0.635	0.625
hp_1	0.357	0.448	0.608
hp_2	0.161	0.386	0.435



3.7 recall_score

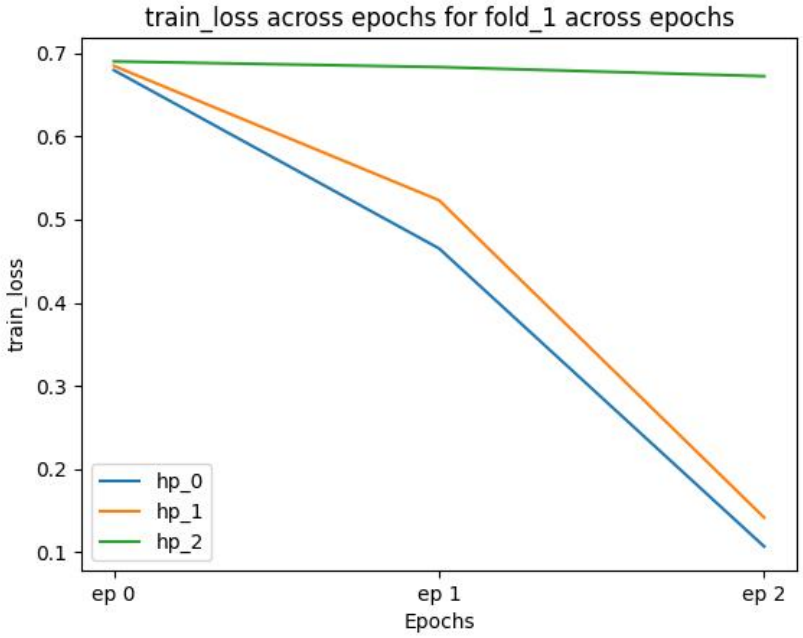
	ep 0	ep 1	ep 2
hp_0	0.948	0.948	0.776
hp_1	0.569	0.966	0.914
hp_2	1.000	0.724	0.500



4 fold_1

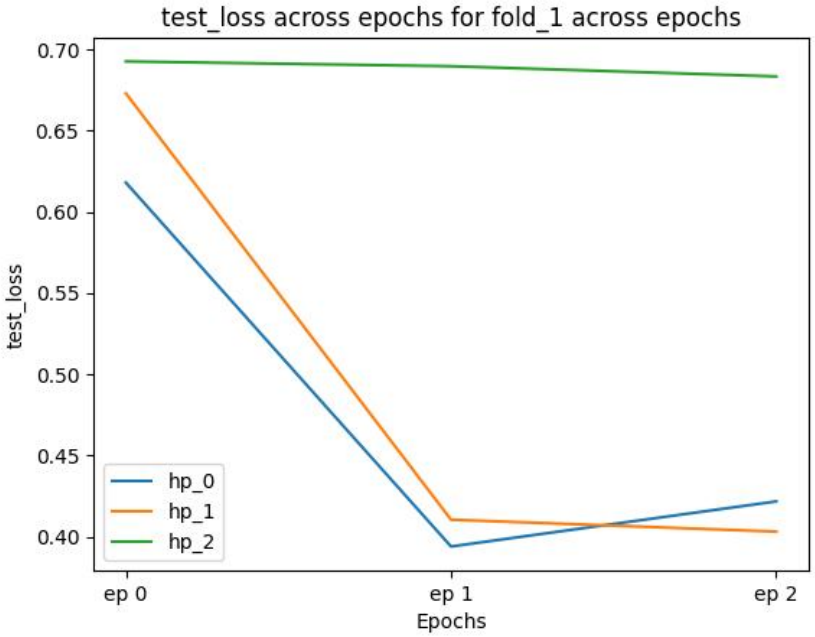
4.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.680	0.465	0.107
hp_1	0.685	0.523	0.142
hp_2	0.690	0.683	0.672



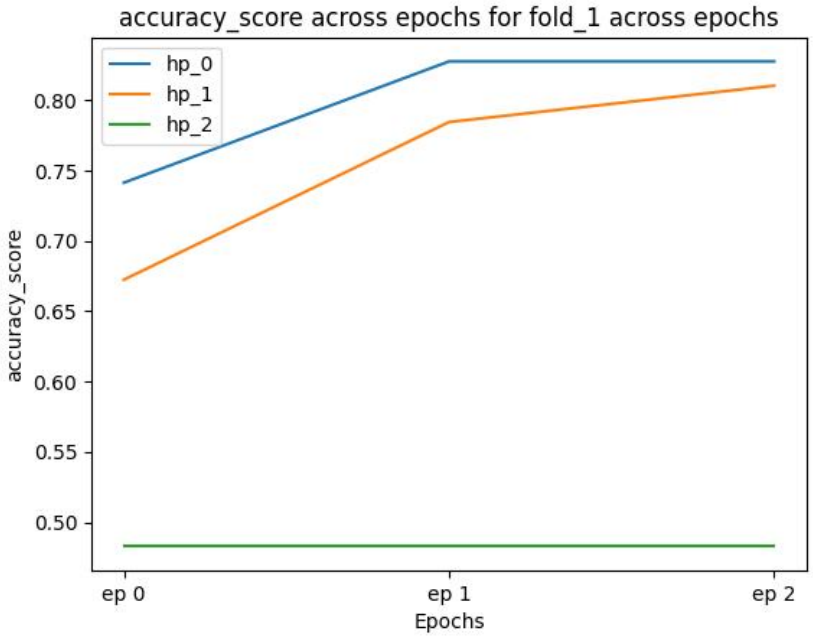
4.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.618	0.394	0.422
hp_1	0.673	0.411	0.403
hp_2	0.693	0.690	0.683



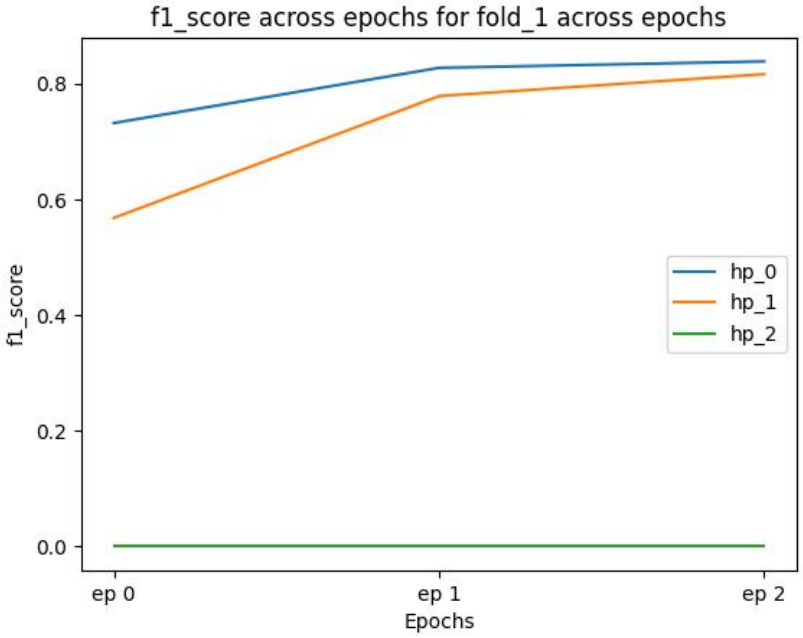
4.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.741	0.828	0.828
hp_1	0.672	0.784	0.810
hp_2	0.483	0.483	0.483



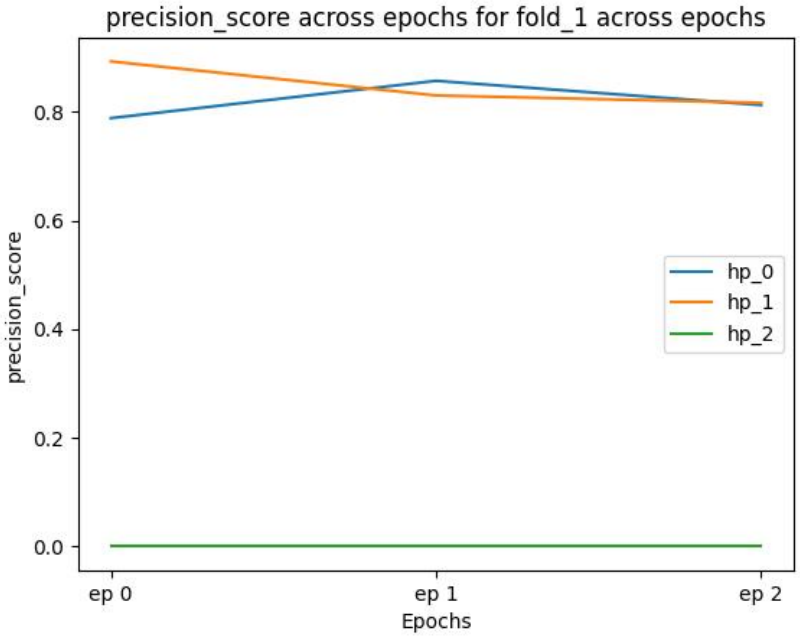
4.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.732	0.828	0.839
hp_1	0.568	0.779	0.817
hp_2	0.000	0.000	0.000



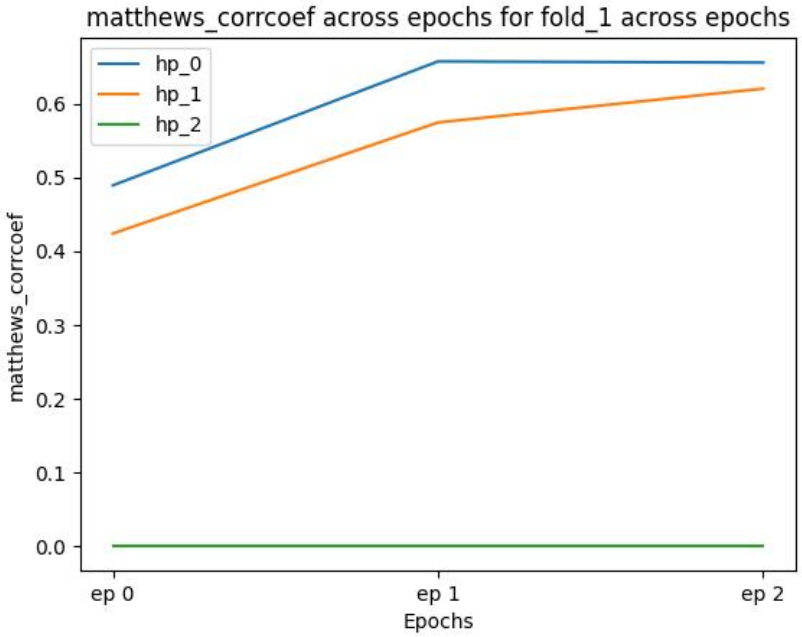
4.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.788	0.857	0.812
hp_1	0.893	0.830	0.817
hp_2	0.000	0.000	0.000



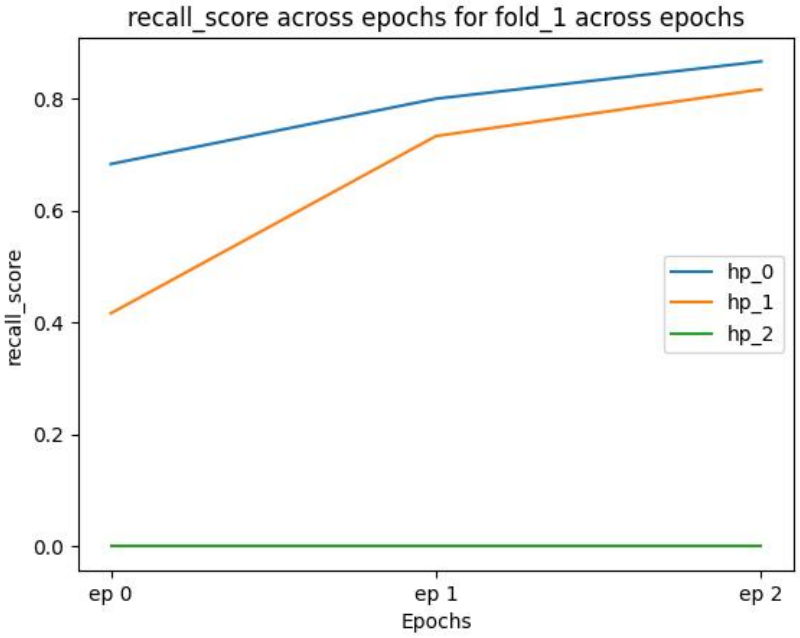
4.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.489	0.657	0.656
hp_1	0.424	0.574	0.620
hp_2	0.000	0.000	0.000



4.7 recall_score

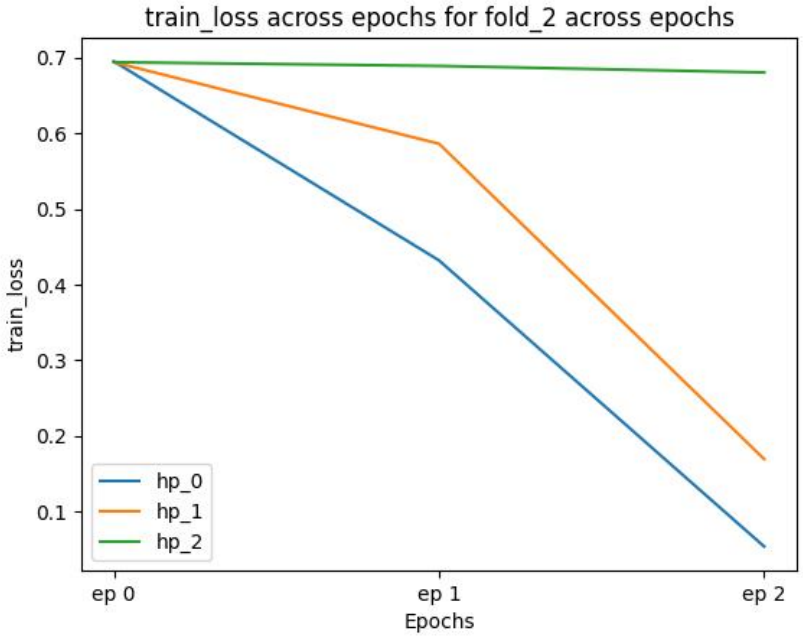
	ep 0	ep 1	ep 2
hp_0	0.683	0.800	0.867
hp_1	0.417	0.733	0.817
hp_2	0.000	0.000	0.000



5 fold_2

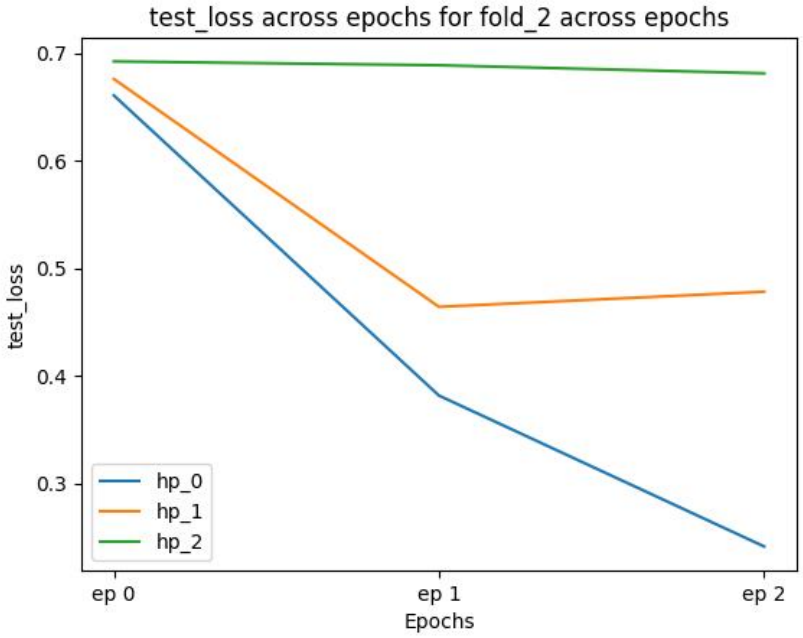
5.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.695	0.432	0.054
hp_1	0.693	0.586	0.170
hp_2	0.694	0.689	0.680



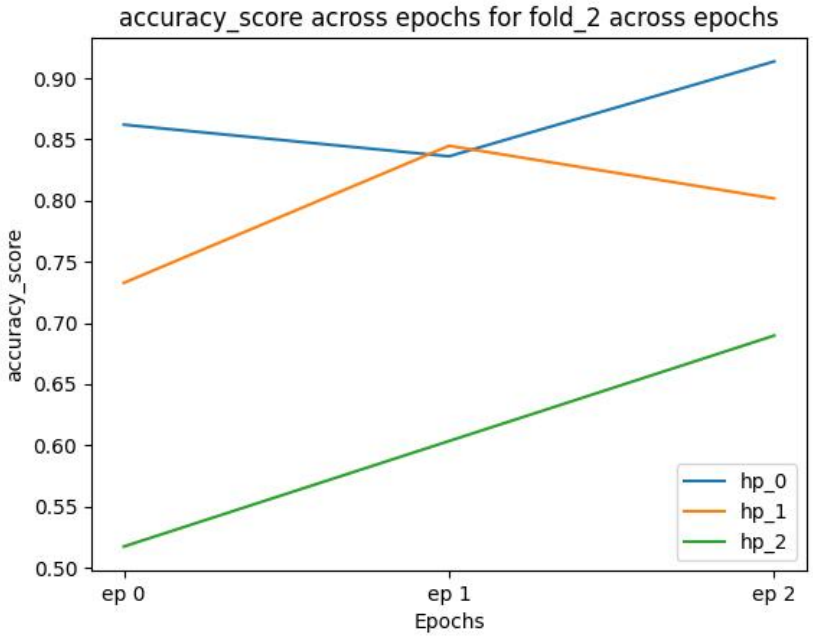
5.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.661	0.382	0.242
hp_1	0.676	0.464	0.479
hp_2	0.693	0.689	0.682



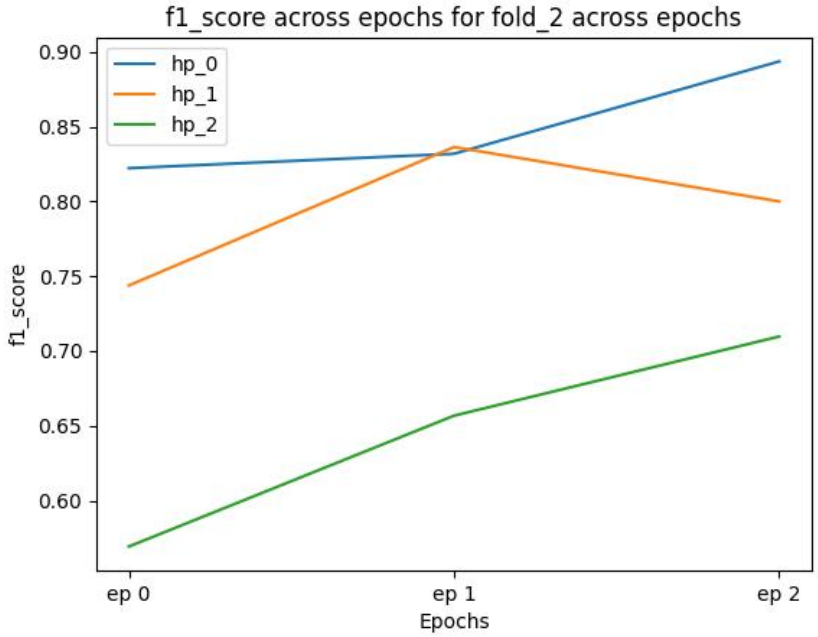
5.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.862	0.836	0.914
hp_1	0.733	0.845	0.802
hp_2	0.517	0.603	0.690



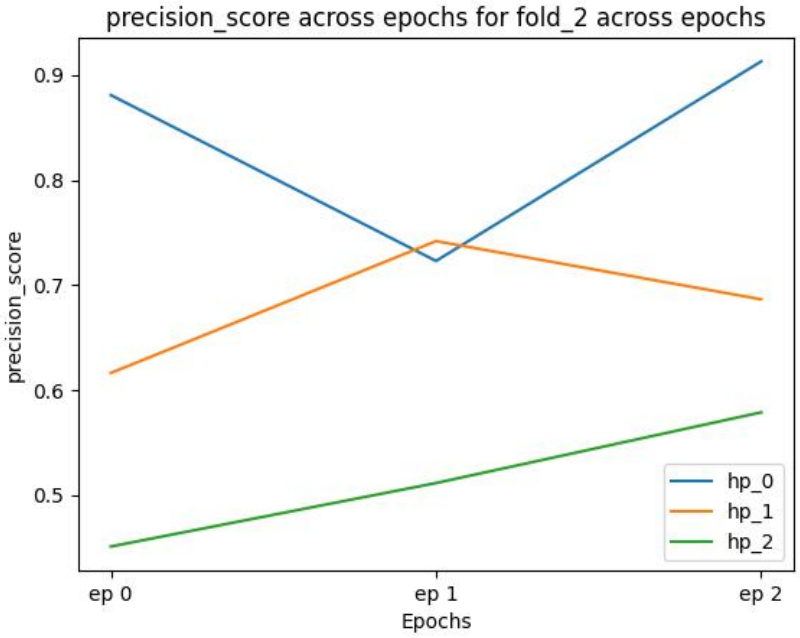
5.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.822	0.832	0.894
hp_1	0.744	0.836	0.800
hp_2	0.569	0.657	0.710



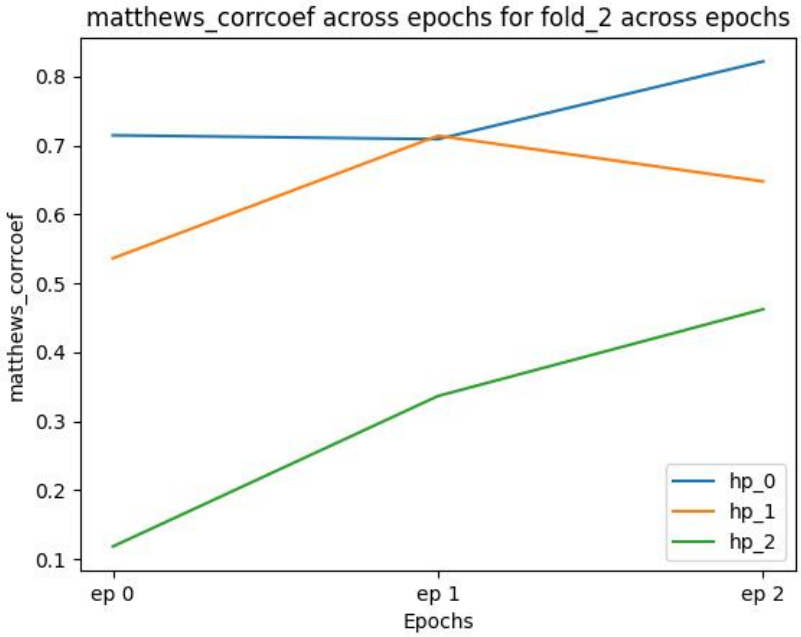
5.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.881	0.723	0.913
hp_1	0.616	0.742	0.687
hp_2	0.451	0.512	0.579



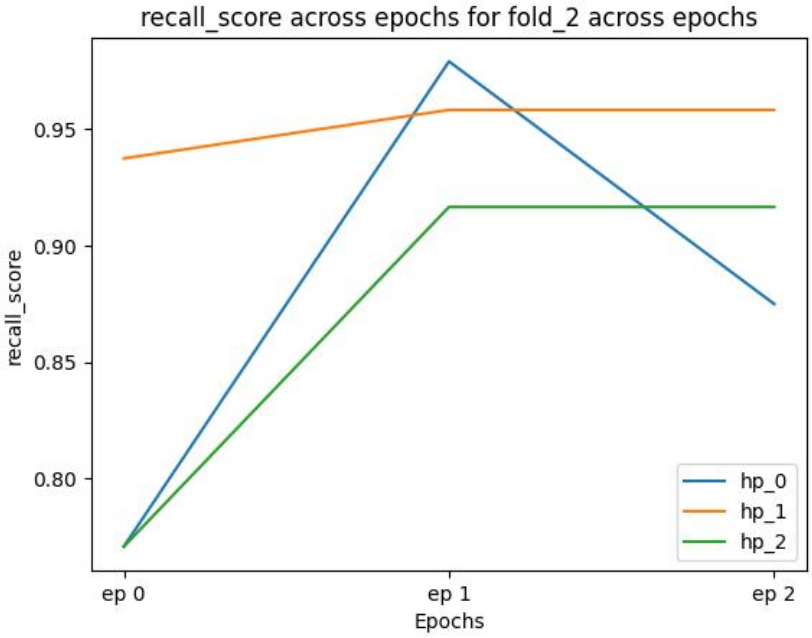
5.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.715	0.709	0.822
hp_1	0.536	0.714	0.648
hp_2	0.118	0.336	0.462



5.7 recall_score

	ep 0	ep 1	ep 2
hp_0	0.771	0.979	0.875
hp_1	0.938	0.958	0.958
hp_2	0.771	0.917	0.917


recall_score across epochs for fold_2 across epochs
recall_score
0.95
0.90
0.85
0.80
ep 0
ep 1
ep 2
Epochs
hp_0
hp_1
hp_2