

Results:
bert-base-uncased-lr-[0.0005—0.00001—0.000001]

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1 Configurations

1.1 Run Configuration

	0
run_identifier	bert-base-uncased-lr-[0.0005—0.00001—0.000001]
max_epochs	3
loss_functions	cross-entropy-loss
learning_rates	0.00005, 0.00001, 0.000005
batch_sizes	1
optimizers	adam
lm_name	bert-base-uncased
hidden_dropout_prob	0.1
attention_probs_dropout_prob	0.1
pooling_strategy	mean
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	5
trn_data_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
tst_data_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
base_output_folder_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
config_file_path	//home/nadia/Documents/CLaC-Lab/ctre/cnc-task-...

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
hidden_dropout_prob	0.1
attention_probs_dropout_prob	0.1
pooling_strategy	mean

2.2 hparam_config_id_1

	0
loss_function	cross-entropy-loss
learning_rate	0.00001
batch_size	1
optimizer	adam
hidden_dropout_prob	0.1
attention_probs_dropout_prob	0.1
pooling_strategy	mean

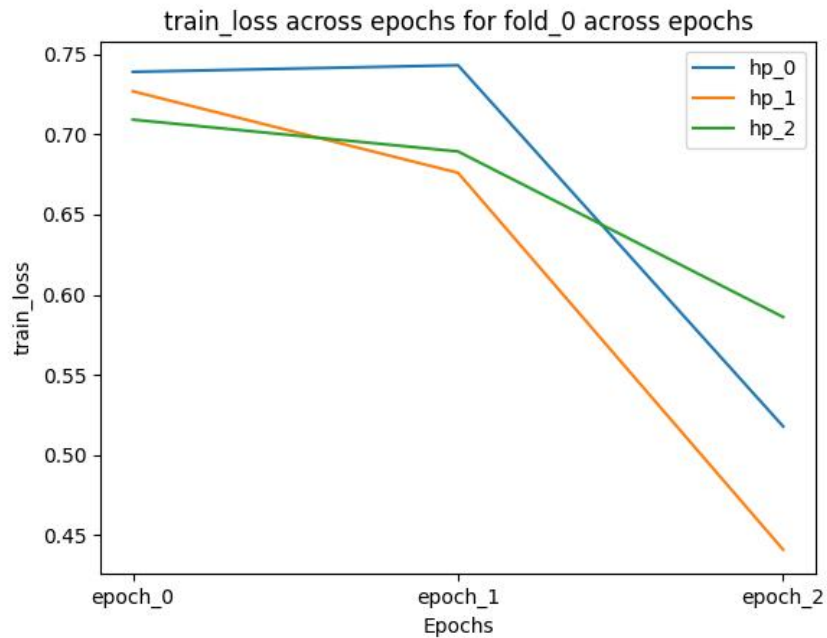
2.3 hparam_config_id_2

	0
loss_function	cross-entropy-loss
learning_rate	0.000005
batch_size	1
optimizer	adam
hidden_dropout_prob	0.1
attention_probs_dropout_prob	0.1
pooling_strategy	mean

3 fold_0

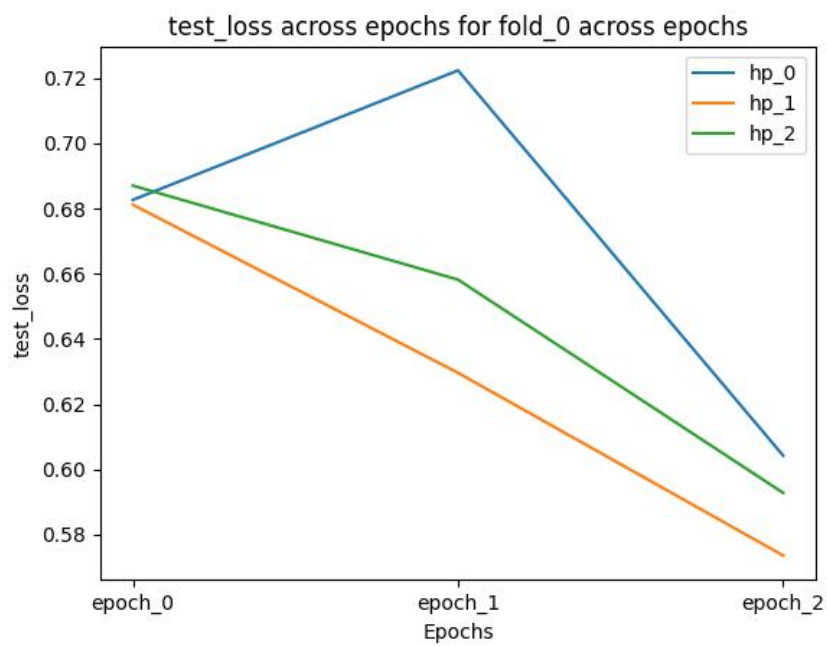
3.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.739	0.743	0.518
hp_1	0.727	0.676	0.441
hp_2	0.709	0.689	0.586



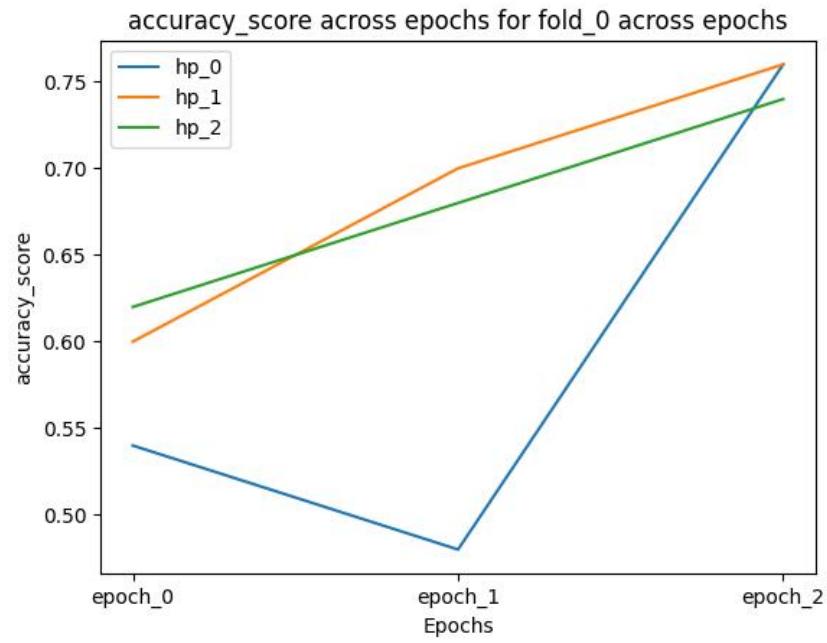
3.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.683	0.722	0.604
hp_1	0.681	0.630	0.574
hp_2	0.687	0.658	0.593



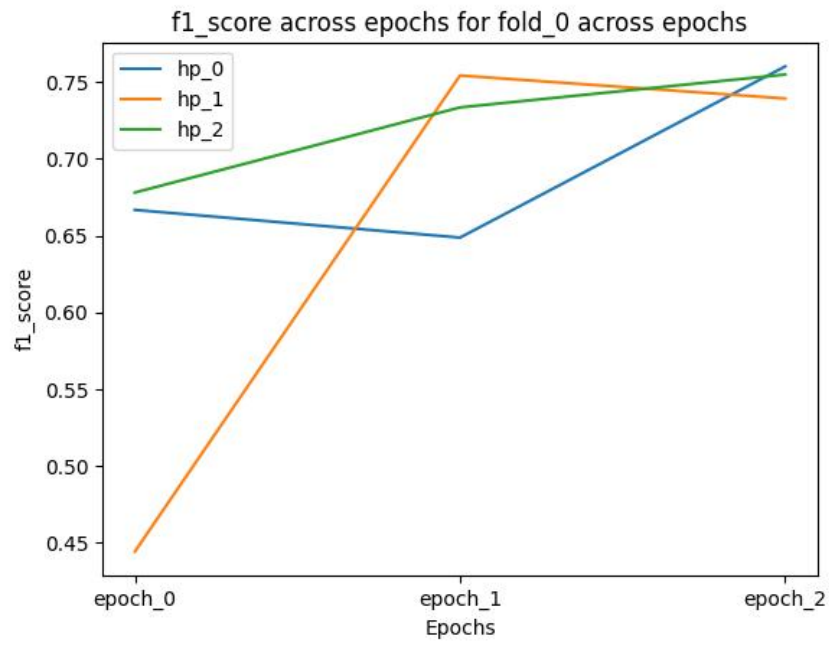
3.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.54	0.48	0.76
hp_1	0.60	0.70	0.76
hp_2	0.62	0.68	0.74



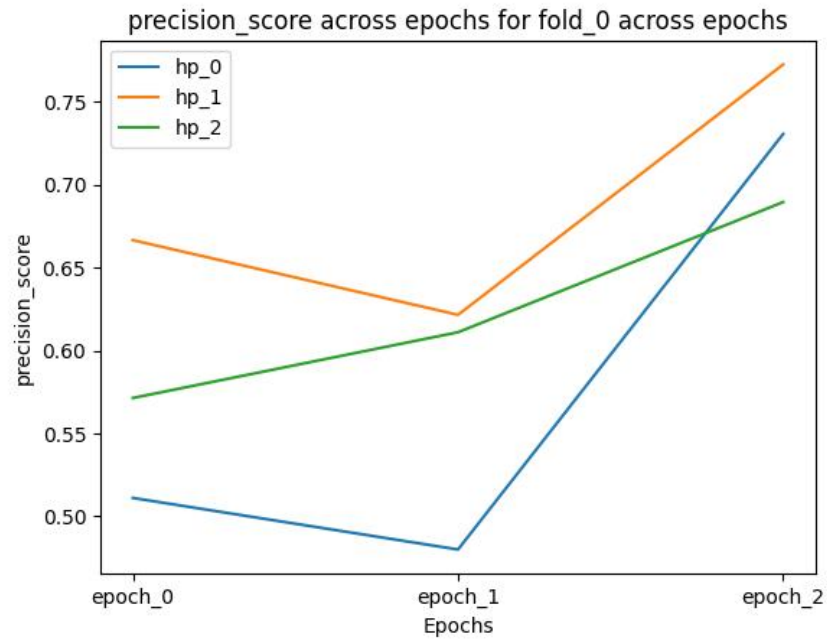
3.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.667	0.649	0.760
hp_1	0.444	0.754	0.739
hp_2	0.678	0.733	0.755



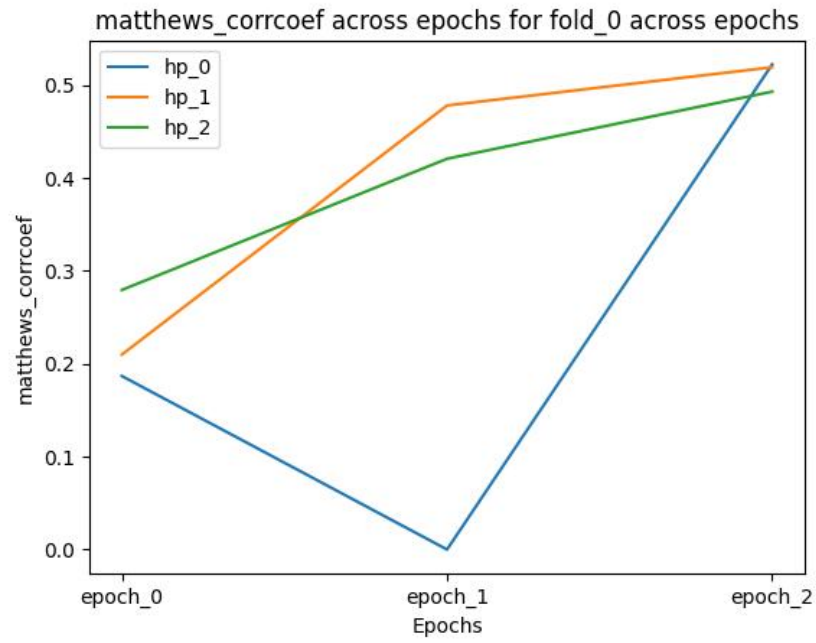
3.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.511	0.480	0.731
hp_1	0.667	0.622	0.773
hp_2	0.571	0.611	0.690



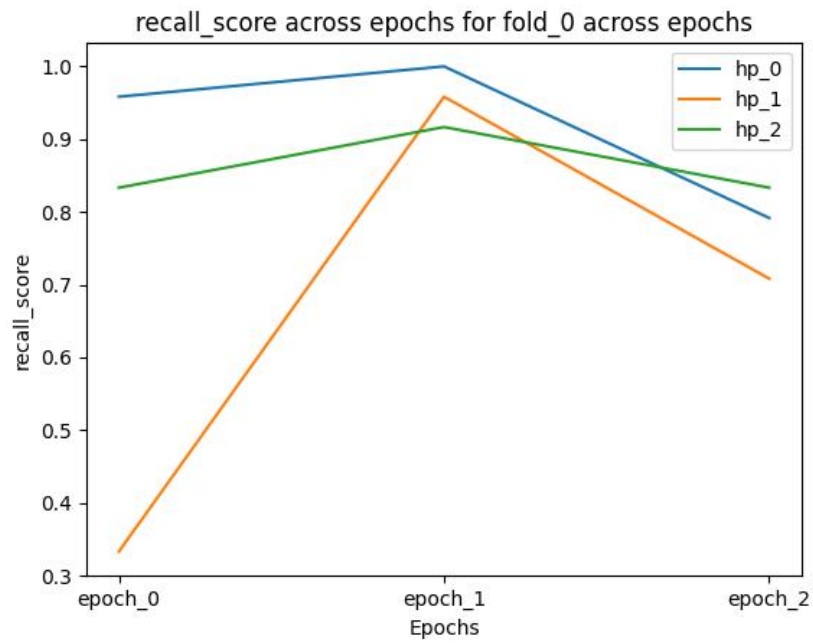
3.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.187	0.000	0.522
hp_1	0.210	0.478	0.519
hp_2	0.280	0.421	0.493



3.7 recall_score

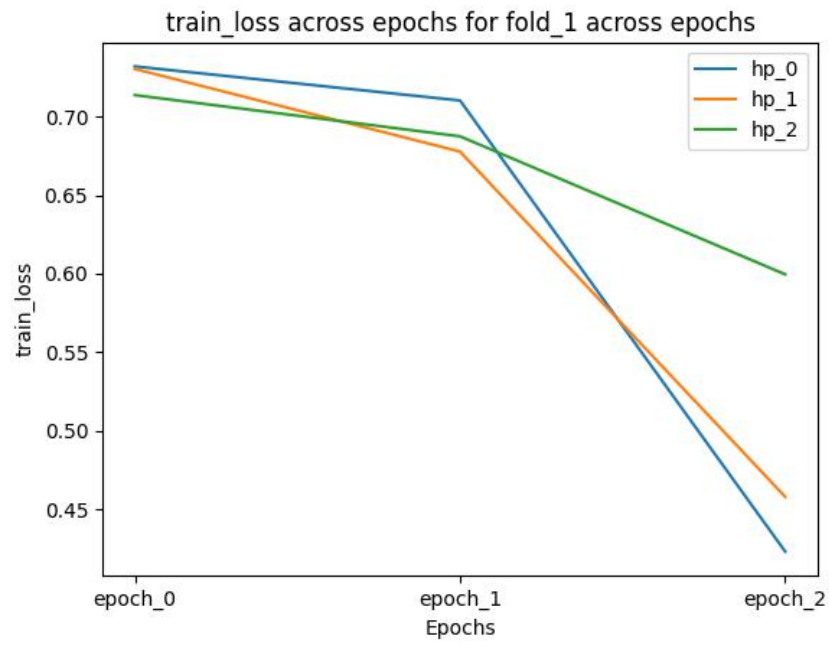
	ep 0	ep 1	ep 2
hp_0	0.958	1.000	0.792
hp_1	0.333	0.958	0.708
hp_2	0.833	0.917	0.833



4 fold_1

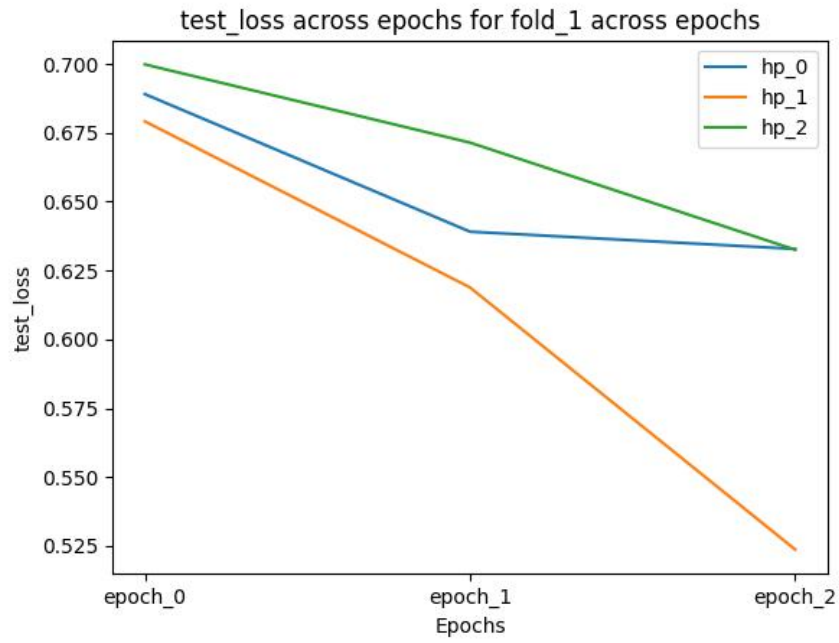
4.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.732	0.710	0.423
hp_1	0.730	0.678	0.458
hp_2	0.714	0.687	0.600



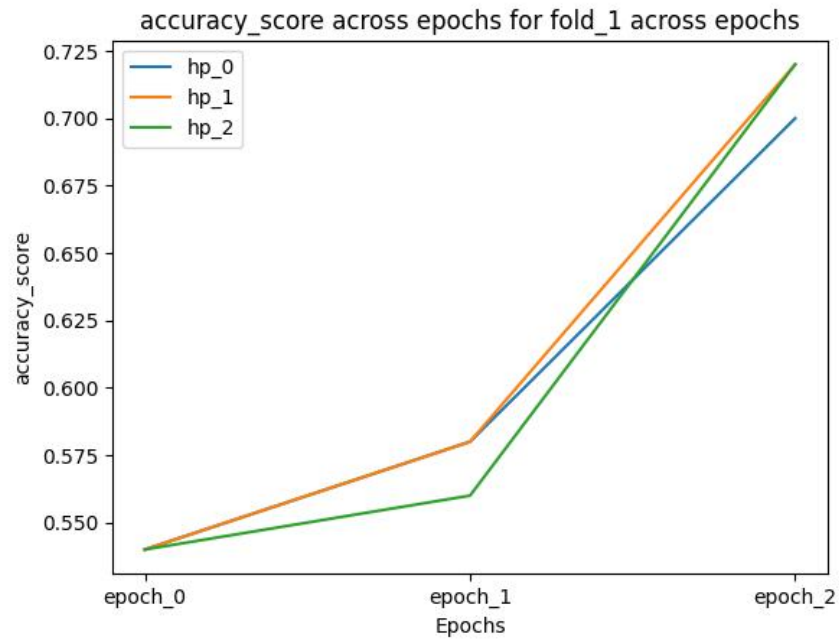
4.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.689	0.639	0.633
hp_1	0.679	0.619	0.524
hp_2	0.700	0.671	0.633



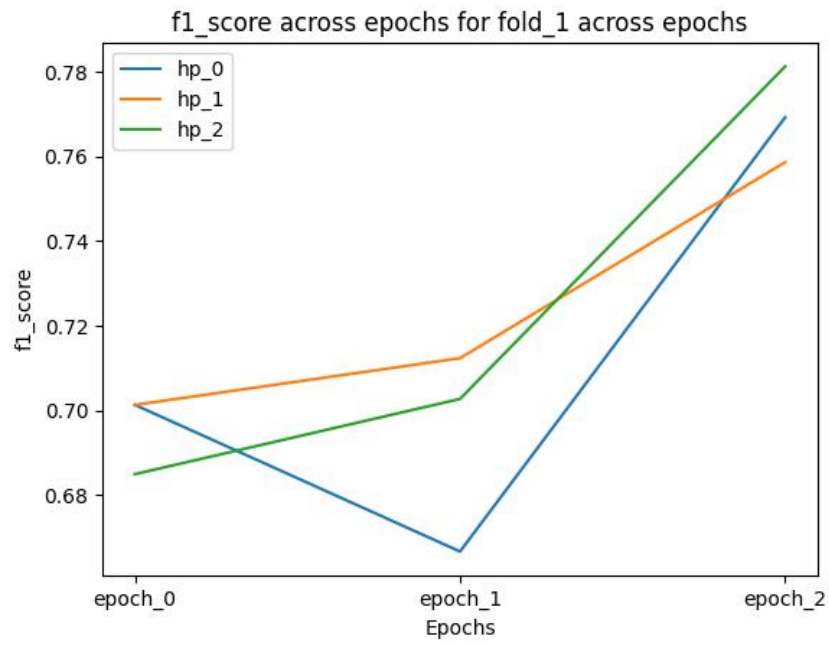
4.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.54	0.58	0.70
hp_1	0.54	0.58	0.72
hp_2	0.54	0.56	0.72



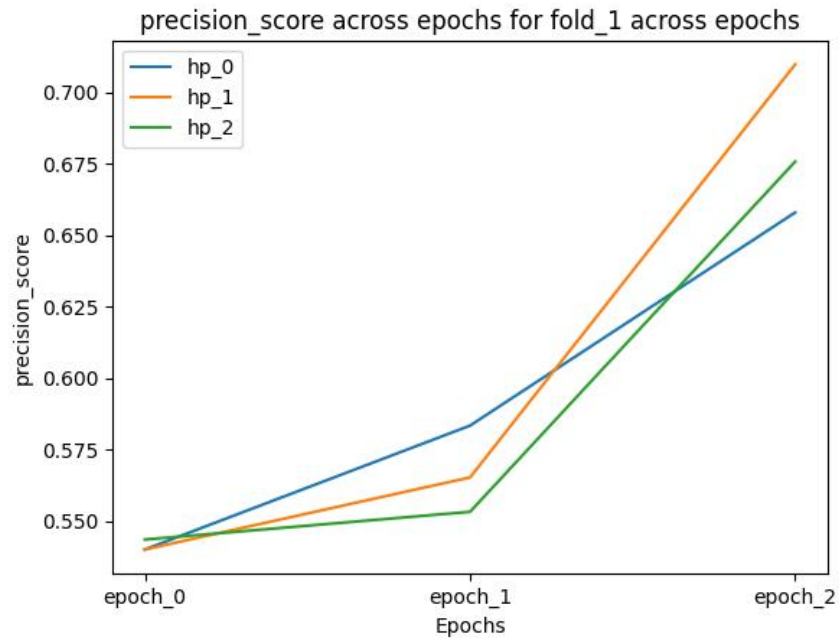
4.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.701	0.667	0.769
hp_1	0.701	0.712	0.759
hp_2	0.685	0.703	0.781



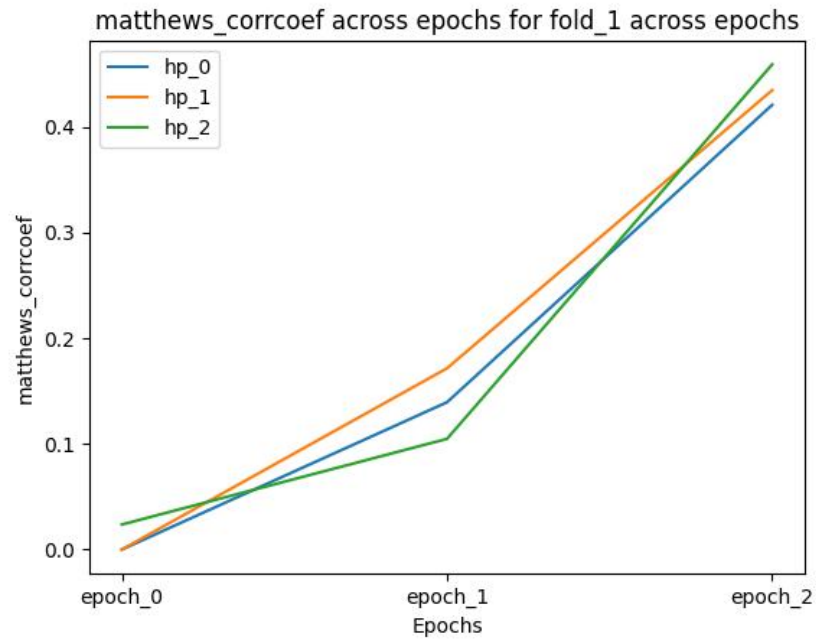
4.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.540	0.583	0.658
hp_1	0.540	0.565	0.710
hp_2	0.543	0.553	0.676



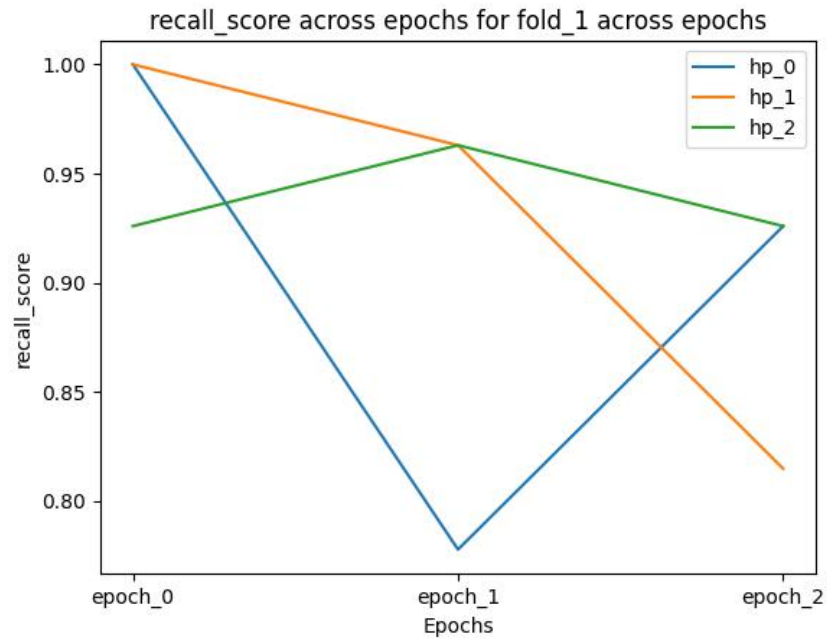
4.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.000	0.139	0.421
hp_1	0.000	0.172	0.435
hp_2	0.024	0.105	0.459



4.7 recall_score

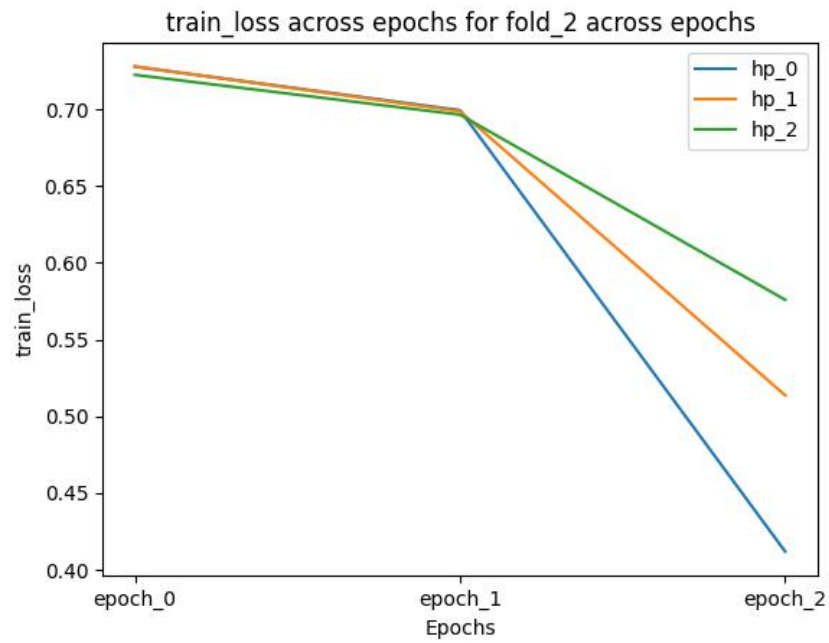
	ep 0	ep 1	ep 2
hp_0	1.000	0.778	0.926
hp_1	1.000	0.963	0.815
hp_2	0.926	0.963	0.926



5 fold_2

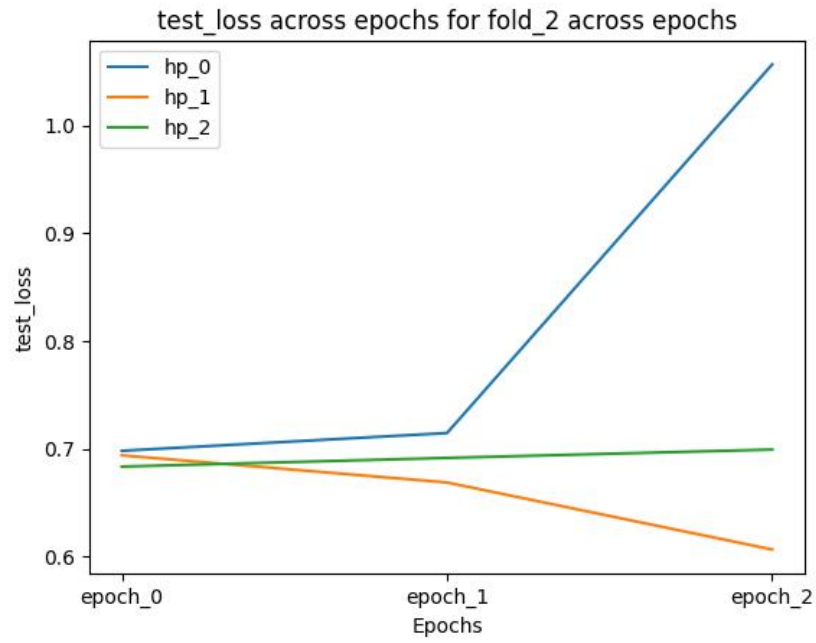
5.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.728	0.699	0.412
hp_1	0.728	0.699	0.514
hp_2	0.723	0.697	0.576



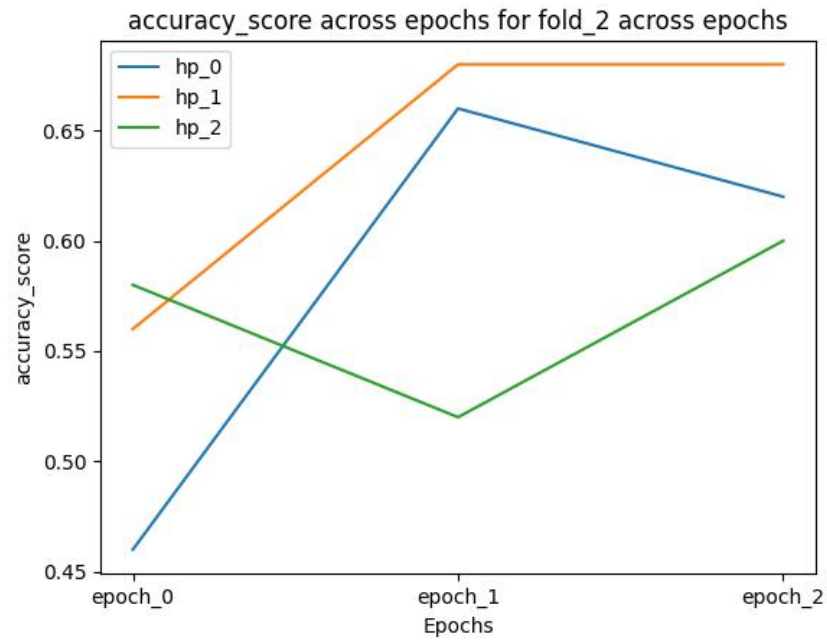
5.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.698	0.714	1.057
hp_1	0.694	0.669	0.606
hp_2	0.683	0.691	0.699



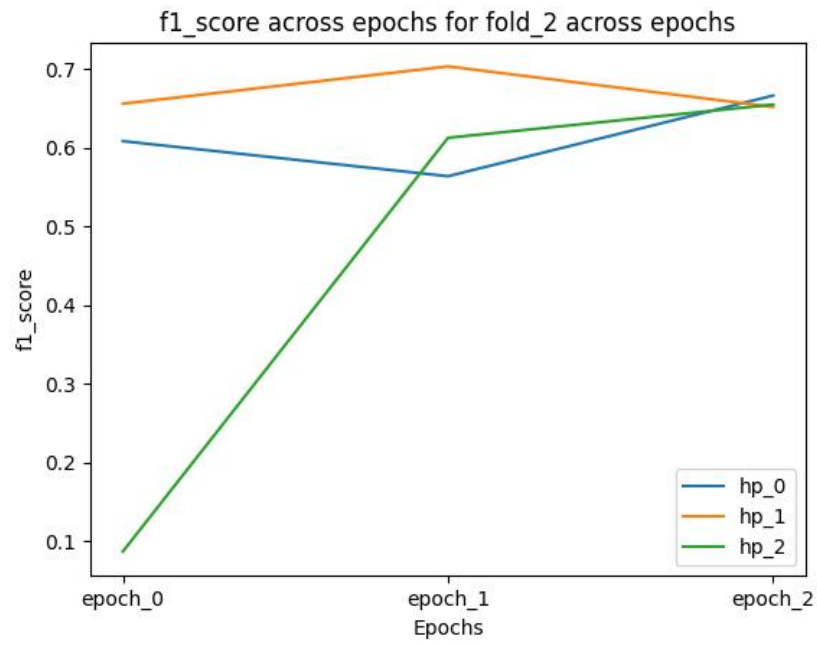
5.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.46	0.66	0.62
hp_1	0.56	0.68	0.68
hp_2	0.58	0.52	0.60



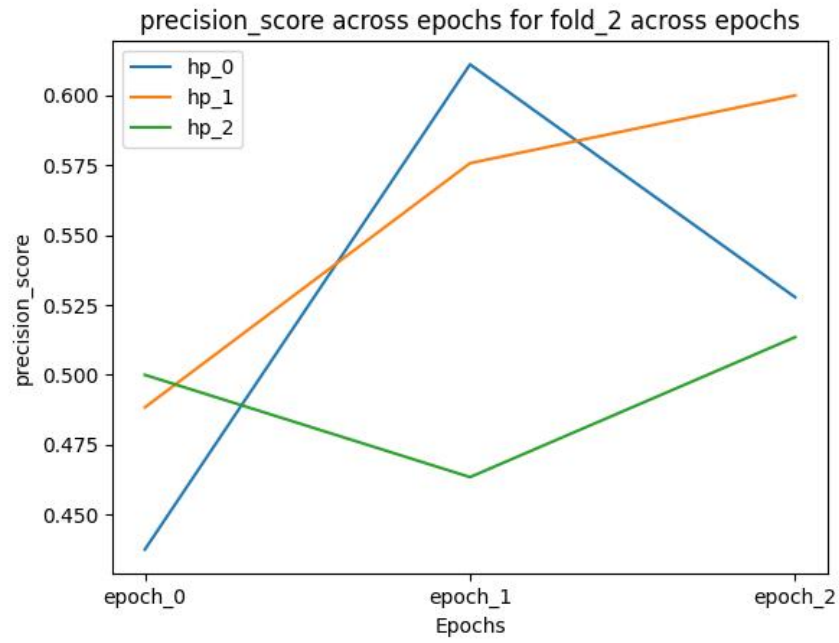
5.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.609	0.564	0.667
hp_1	0.656	0.704	0.652
hp_2	0.087	0.613	0.655



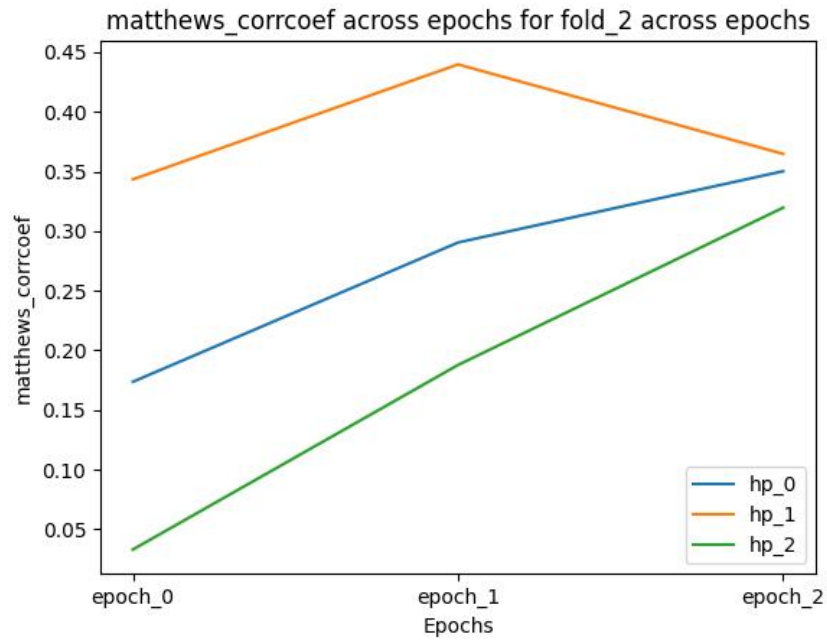
5.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.438	0.611	0.528
hp_1	0.488	0.576	0.600
hp_2	0.500	0.463	0.514



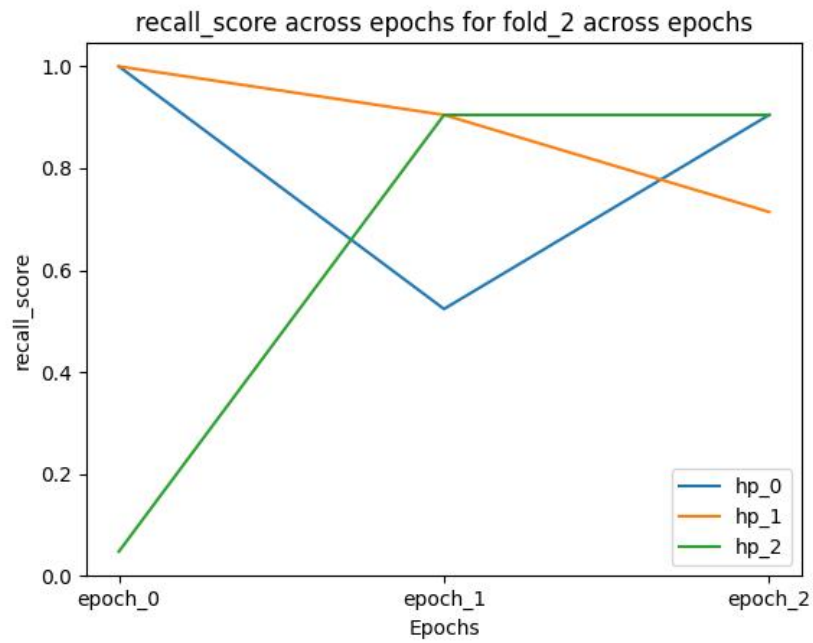
5.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.174	0.290	0.350
hp_1	0.343	0.440	0.365
hp_2	0.033	0.188	0.320



5.7 recall_score

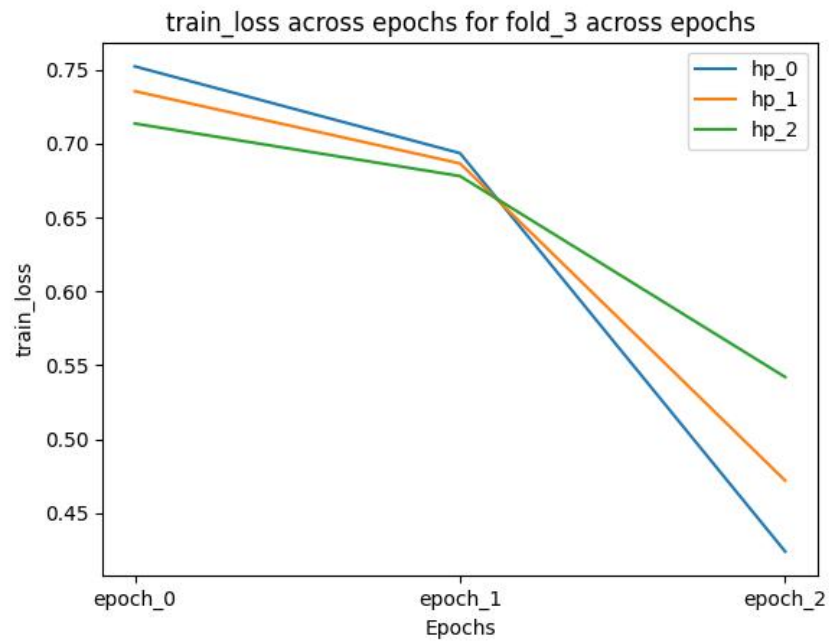
	ep 0	ep 1	ep 2
hp_0	1.000	0.524	0.905
hp_1	1.000	0.905	0.714
hp_2	0.048	0.905	0.905



6 fold_3

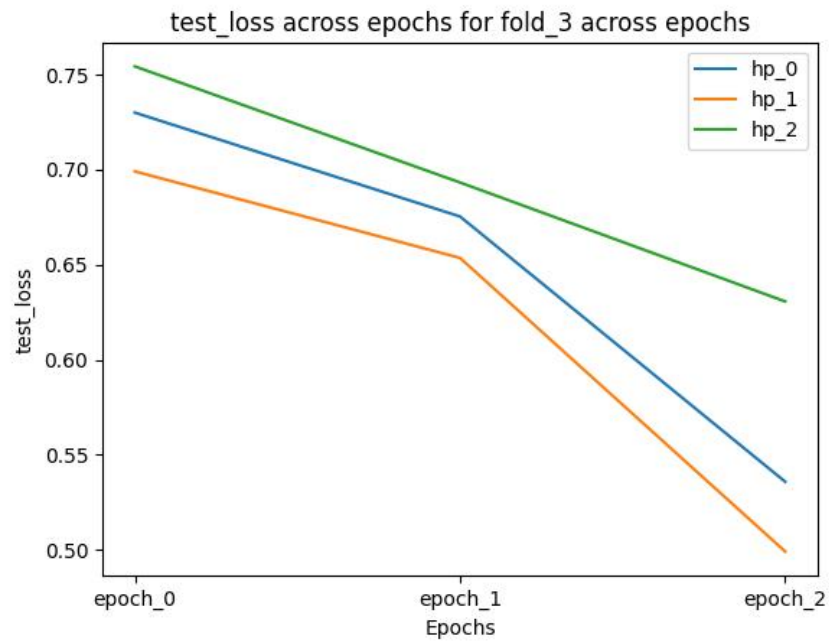
6.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.752	0.693	0.424
hp_1	0.735	0.687	0.472
hp_2	0.713	0.678	0.542



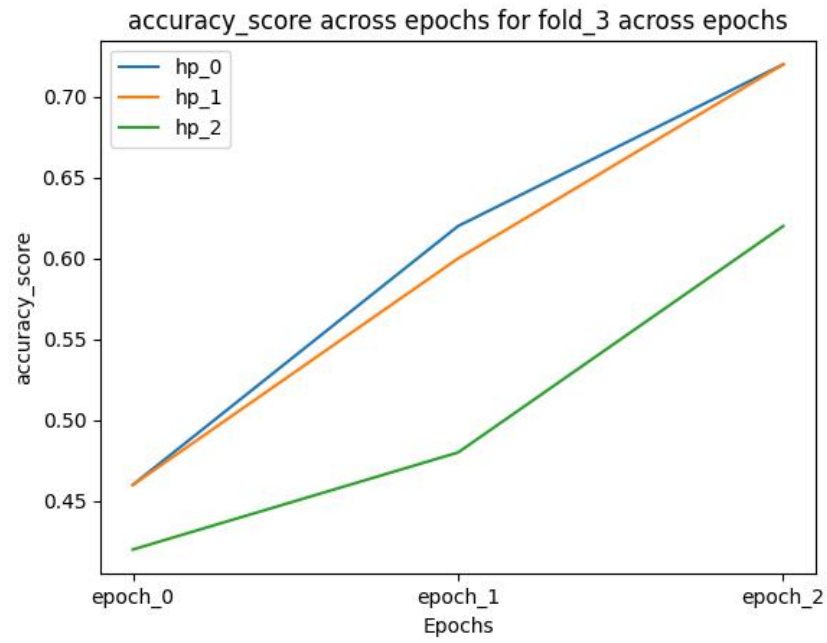
6.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.730	0.675	0.536
hp_1	0.699	0.654	0.499
hp_2	0.754	0.693	0.631



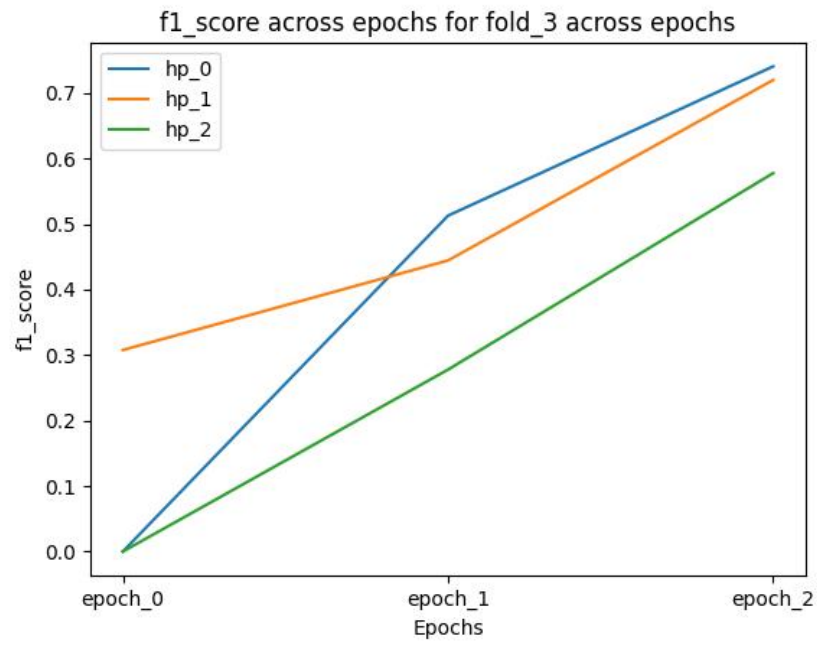
6.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.46	0.62	0.72
hp_1	0.46	0.60	0.72
hp_2	0.42	0.48	0.62



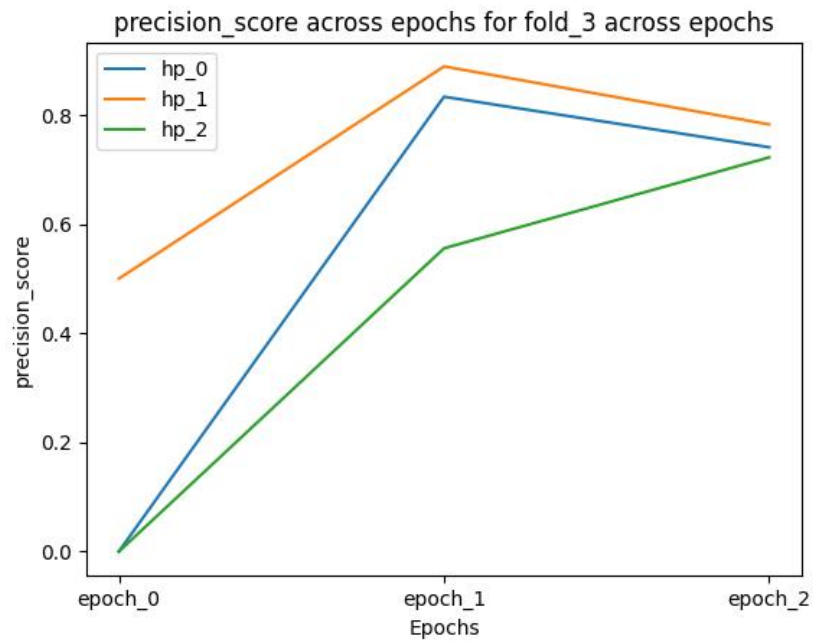
6.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.000	0.513	0.741
hp_1	0.308	0.444	0.720
hp_2	0.000	0.278	0.578



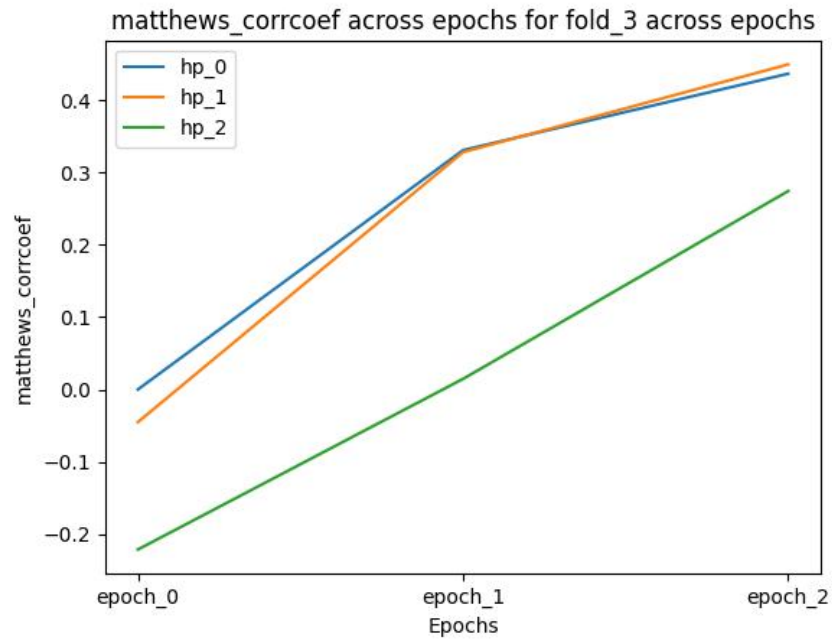
6.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.0	0.833	0.741
hp_1	0.5	0.889	0.783
hp_2	0.0	0.556	0.722



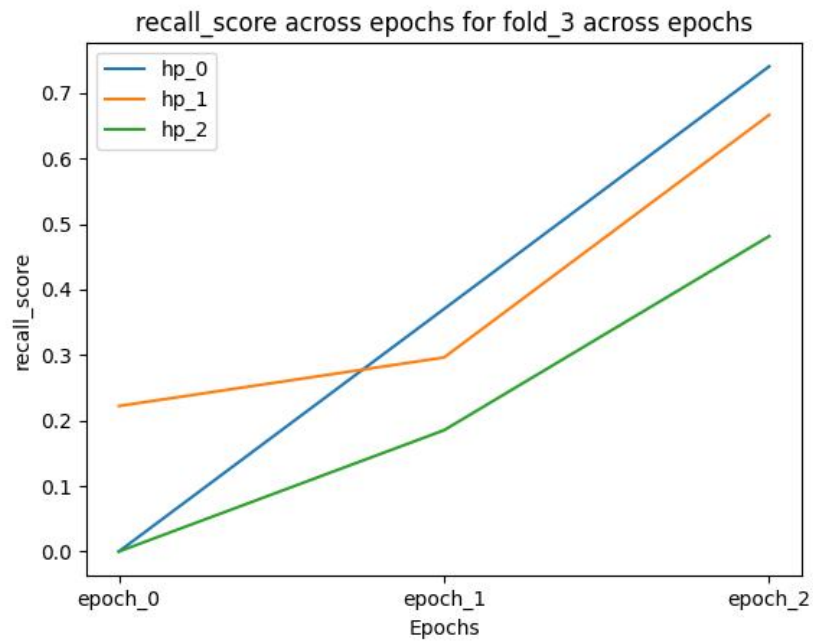
6.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.000	0.331	0.436
hp_1	-0.045	0.328	0.449
hp_2	-0.221	0.015	0.274



6.7 recall_score

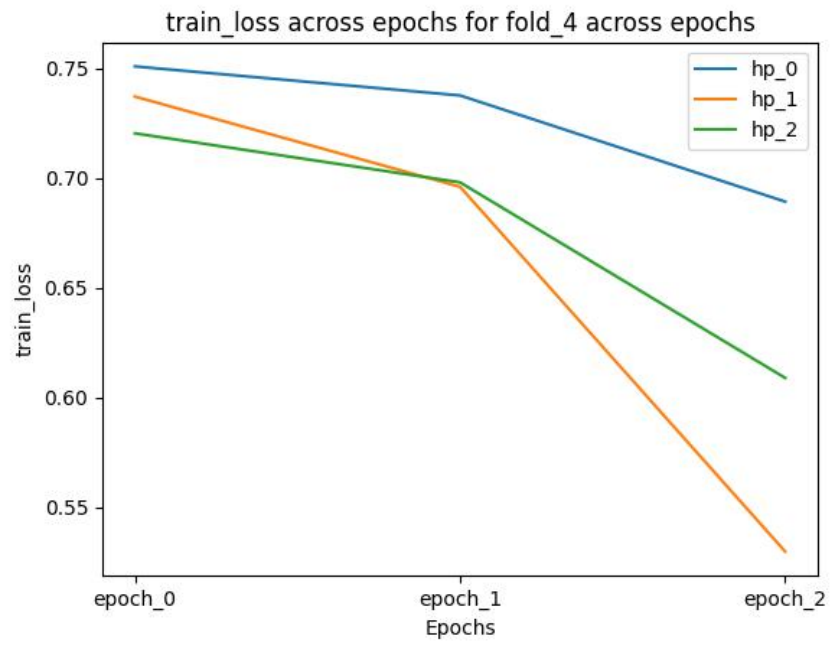
	ep 0	ep 1	ep 2
hp_0	0.000	0.370	0.741
hp_1	0.222	0.296	0.667
hp_2	0.000	0.185	0.481



7 fold_4

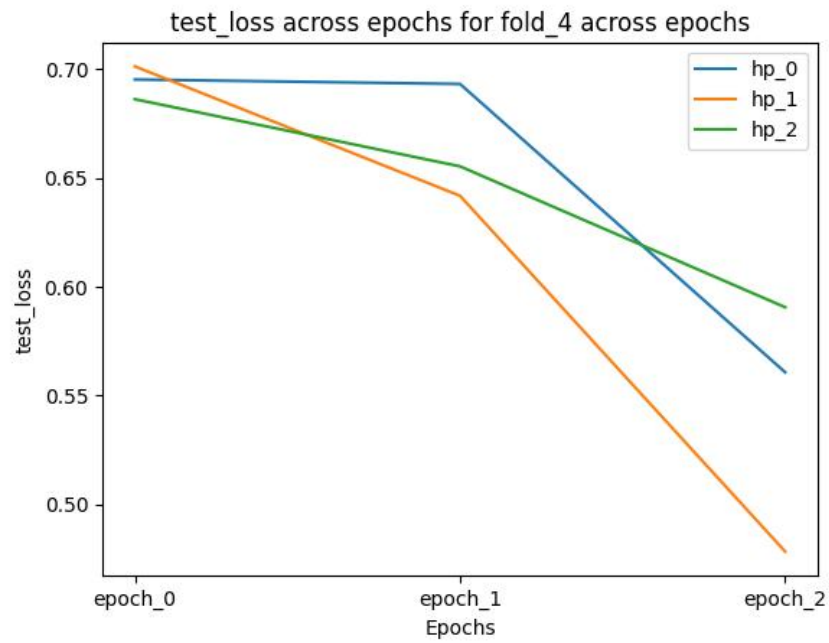
7.1 train_loss

	ep 0	ep 1	ep 2
hp_0	0.751	0.738	0.689
hp_1	0.737	0.696	0.530
hp_2	0.720	0.698	0.609



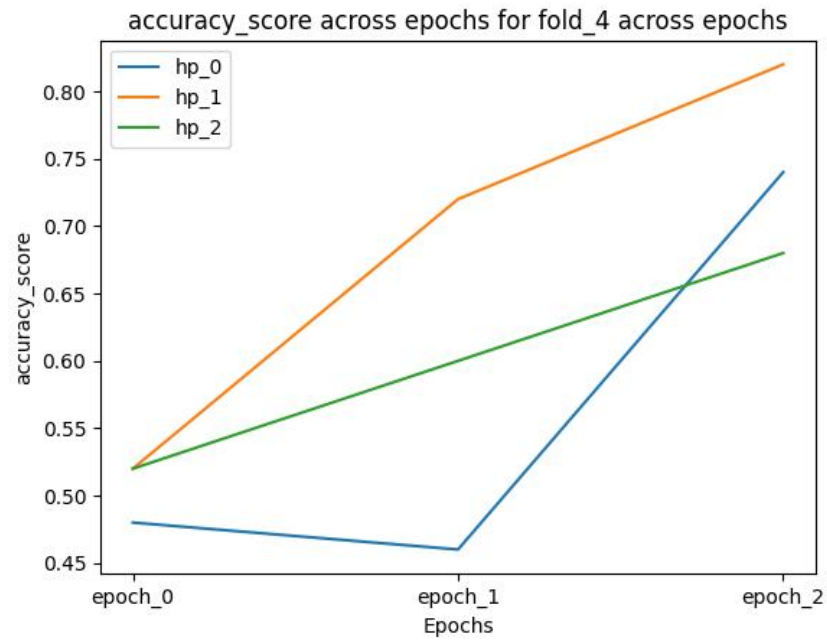
7.2 test_loss

	ep 0	ep 1	ep 2
hp_0	0.695	0.693	0.561
hp_1	0.701	0.642	0.478
hp_2	0.686	0.655	0.591



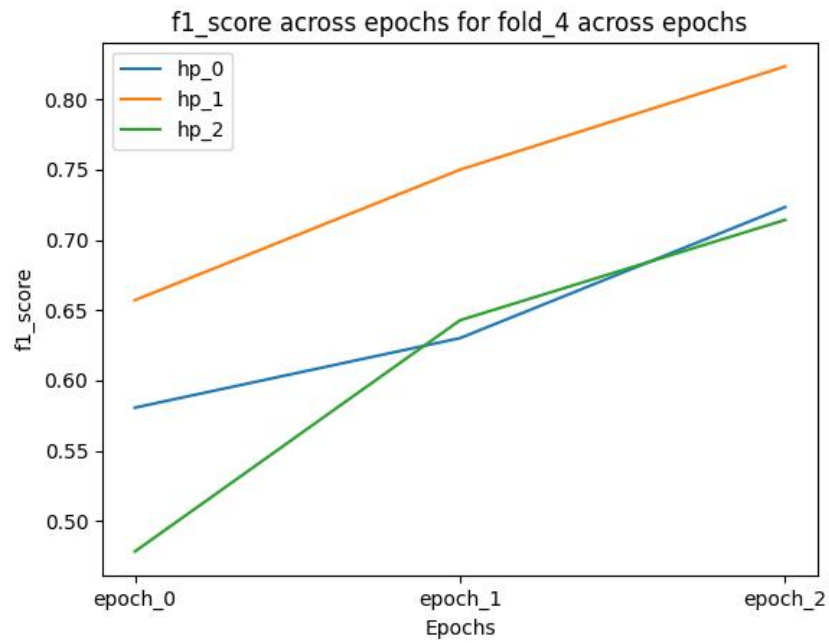
7.3 accuracy_score

	ep 0	ep 1	ep 2
hp_0	0.48	0.46	0.74
hp_1	0.52	0.72	0.82
hp_2	0.52	0.60	0.68



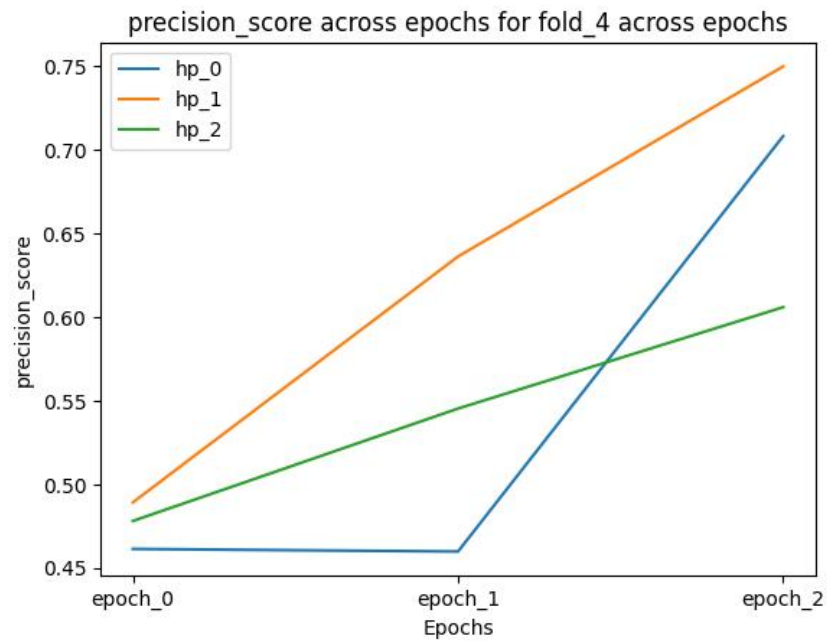
7.4 f1_score

	ep 0	ep 1	ep 2
hp_0	0.581	0.630	0.723
hp_1	0.657	0.750	0.824
hp_2	0.478	0.643	0.714



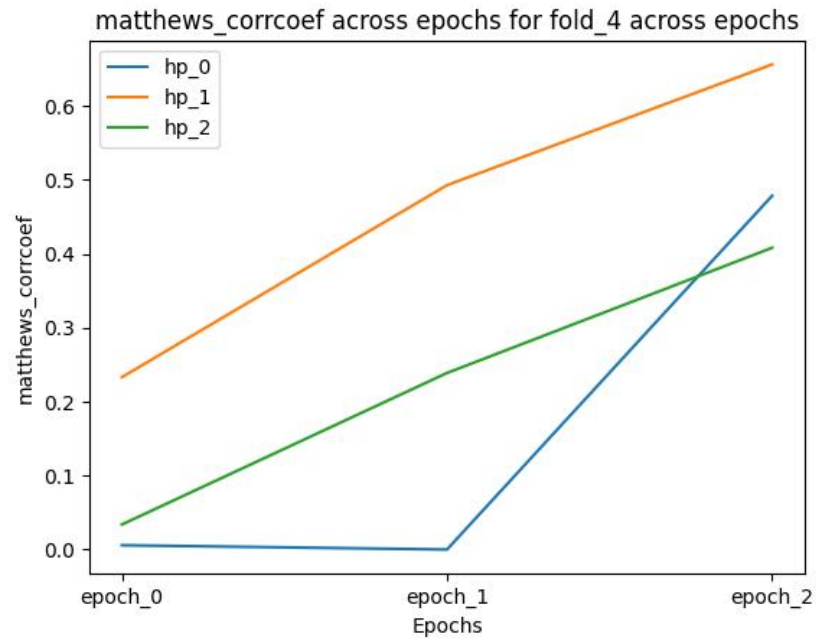
7.5 precision_score

	ep 0	ep 1	ep 2
hp_0	0.462	0.460	0.708
hp_1	0.489	0.636	0.750
hp_2	0.478	0.545	0.606



7.6 matthews_corrcoef

	ep 0	ep 1	ep 2
hp_0	0.006	0.000	0.479
hp_1	0.233	0.493	0.656
hp_2	0.034	0.239	0.408



7.7 recall_score

	ep 0	ep 1	ep 2
hp_0	0.783	1.000	0.739
hp_1	1.000	0.913	0.913
hp_2	0.478	0.783	0.870

