

Results:
mirim-mechs-(bert)-lr-[0.00001—0.000001]

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2022-07-26

1 Configurations

1.1 Run Configuration

0	
experiment_idenfier	mirim
run_idenfier	mirim-mechs-(bert)-lr-[0.00001—0.000001]
config_file_path	/tmp/71332.1.all.q/ctre/cnc-task-3/runs/config...

1.2 Data Configuration

0	
data_utility_cls	cnc_utilities
dataset_cls	CNCTask3aDataset
nos_of_folds	5
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/71332.1.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/71332.1.all.q/ctre/cnc-task-3/runs/config...

2 Hyperparameters

2.1 hparam_config_id_0

	0
loss_function	cross-entropy-loss
learning_rate	0.00001
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	[786]
classes	2
max_epochs	10

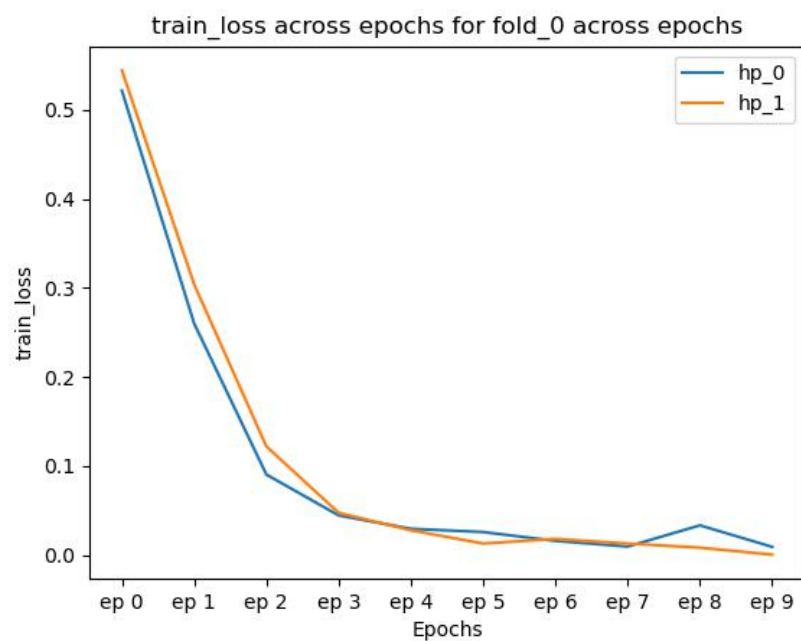
2.2 hparam_config_id_1

	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	[786]
classes	2
max_epochs	10

3 fold_0

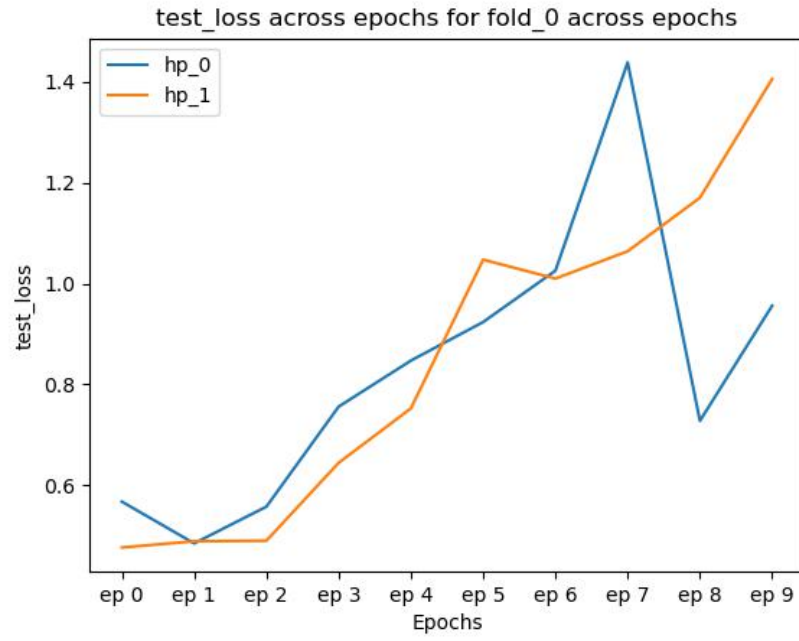
3.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.522	0.260	0.090	0.044	0.029	0.026	0.016	0.010	0.033	0.009
hp_1	0.544	0.304	0.122	0.047	0.028	0.013	0.018	0.013	0.008	0.000



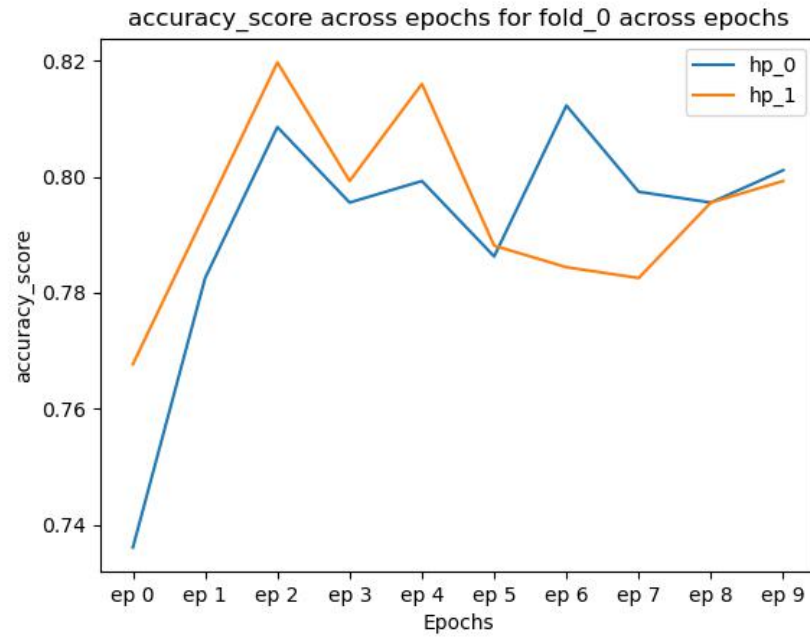
3.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.568	0.485	0.558	0.756	0.847	0.924	1.025	1.438	0.728	0.956
hp_1	0.477	0.489	0.490	0.645	0.752	1.047	1.010	1.064	1.170	1.406



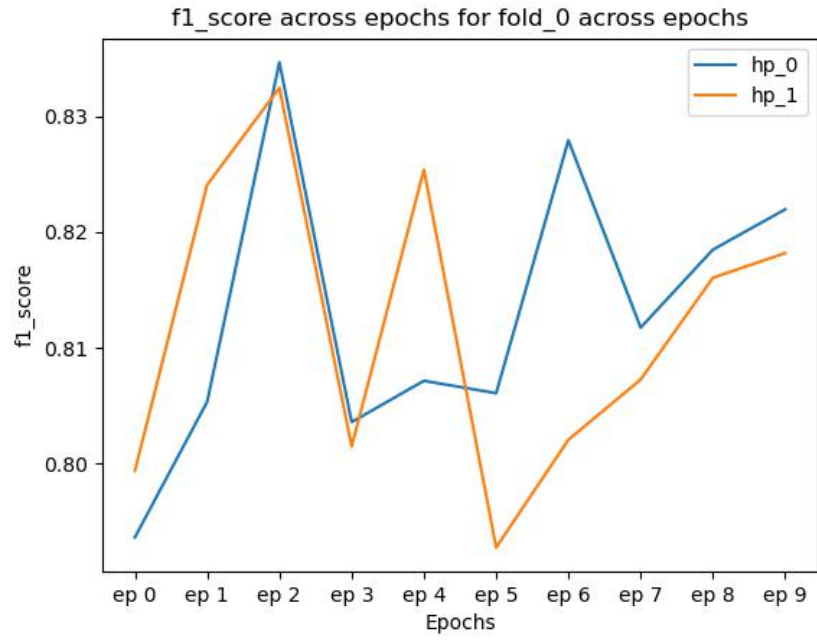
3.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.736	0.783	0.809	0.796	0.799	0.786	0.812	0.797	0.796	0.801
hp_1	0.768	0.794	0.820	0.799	0.816	0.788	0.784	0.783	0.796	0.799



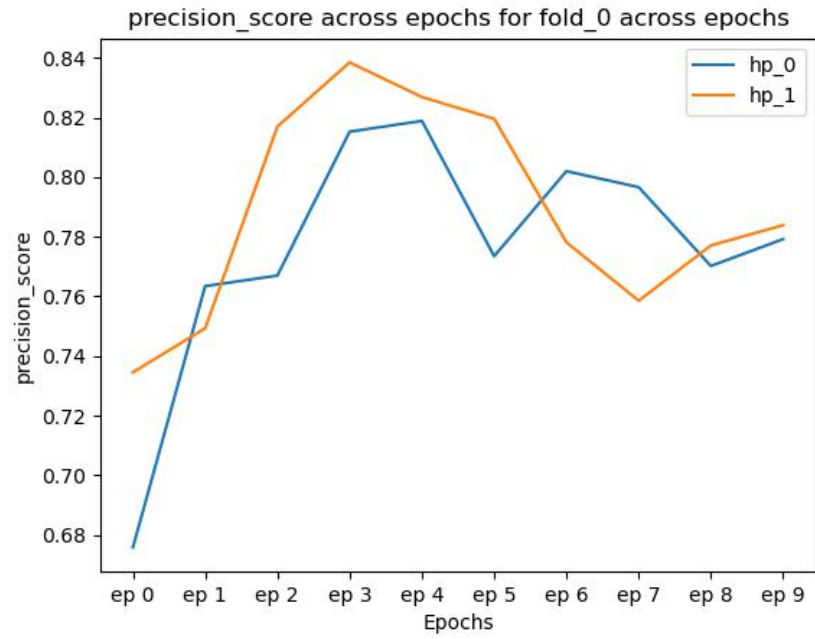
3.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.794	0.805	0.835	0.804	0.807	0.806	0.828	0.812	0.818	0.822
hp_1	0.799	0.824	0.832	0.801	0.825	0.793	0.802	0.807	0.816	0.818



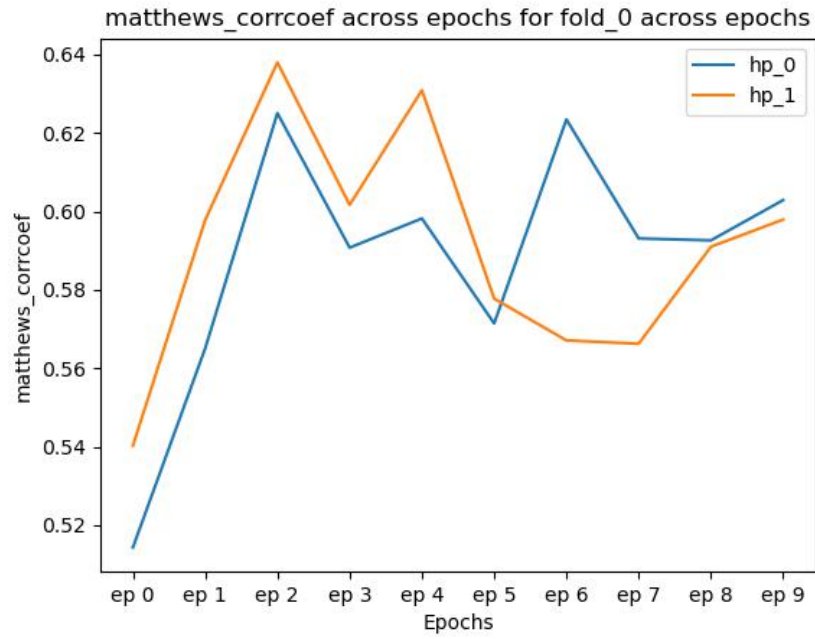
3.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.676	0.763	0.767	0.815	0.819	0.773	0.802	0.797	0.770	0.779
hp_1	0.735	0.749	0.817	0.838	0.827	0.820	0.778	0.759	0.777	0.784



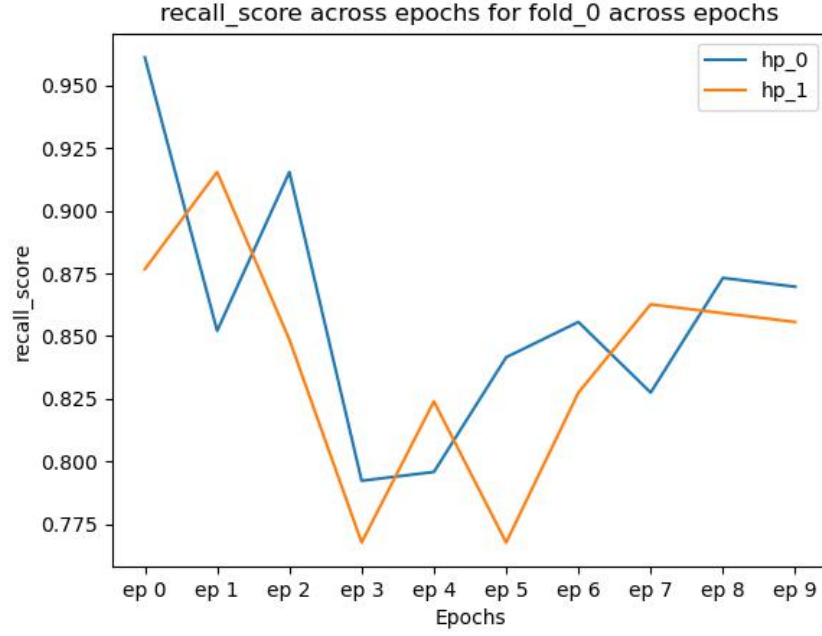
3.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.514	0.565	0.625	0.591	0.598	0.571	0.623	0.593	0.593	0.603
hp_1	0.540	0.598	0.638	0.602	0.631	0.578	0.567	0.566	0.591	0.598



3.7 recall_score

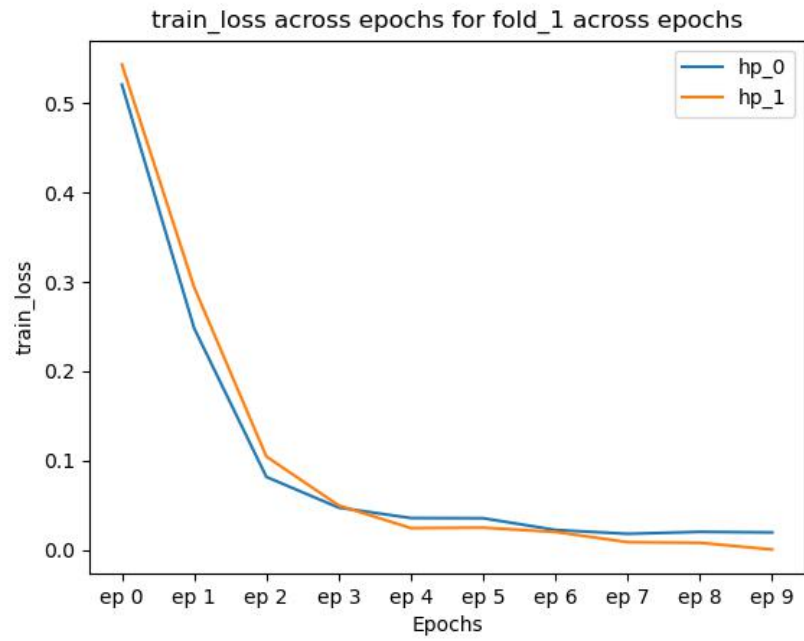
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.961	0.852	0.915	0.792	0.796	0.842	0.856	0.827	0.873	0.870
hp_1	0.877	0.915	0.849	0.768	0.824	0.768	0.827	0.863	0.859	0.856



4 fold_1

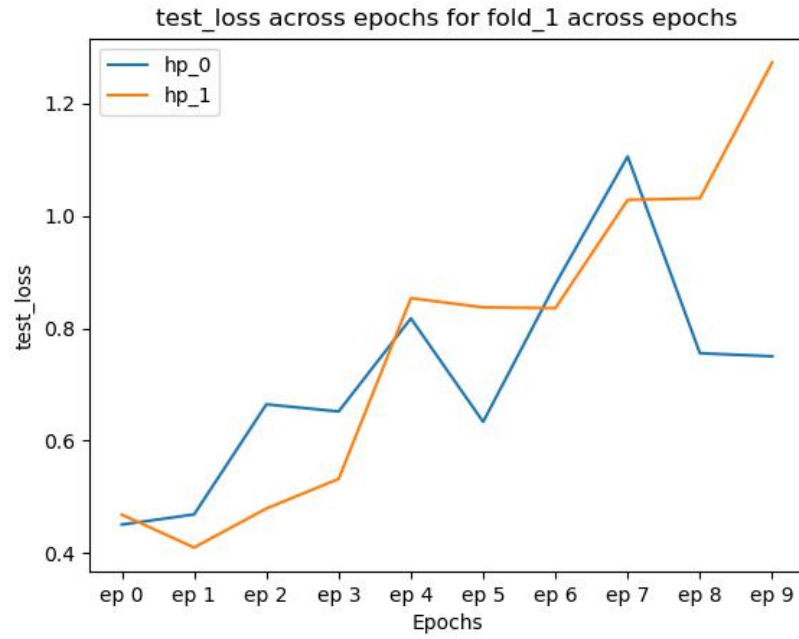
4.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.521	0.248	0.082	0.047	0.036	0.036	0.022	0.018	0.020	0.02
hp_1	0.543	0.294	0.105	0.050	0.024	0.025	0.020	0.009	0.008	0.00



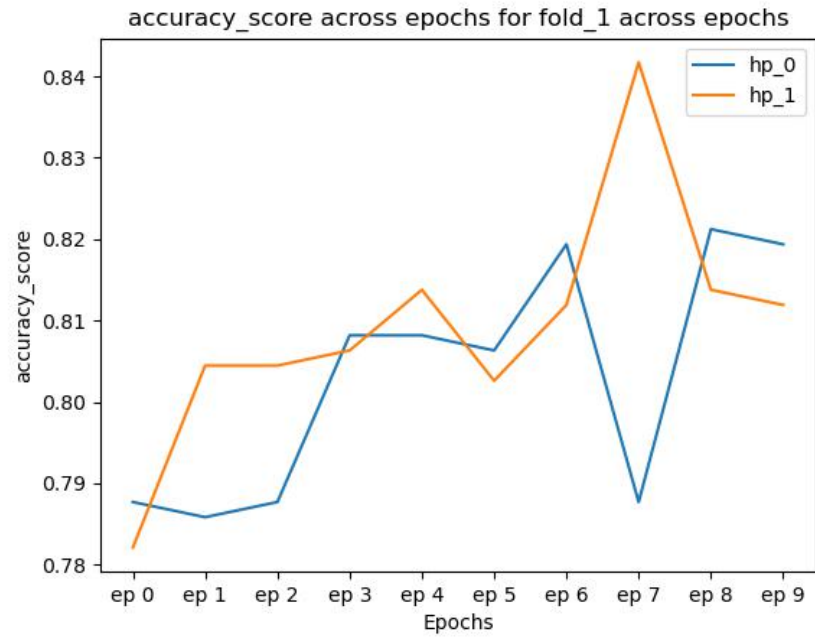
4.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.451	0.469	0.665	0.652	0.817	0.634	0.879	1.105	0.756	0.750
hp_1	0.469	0.410	0.480	0.532	0.853	0.837	0.836	1.028	1.031	1.272



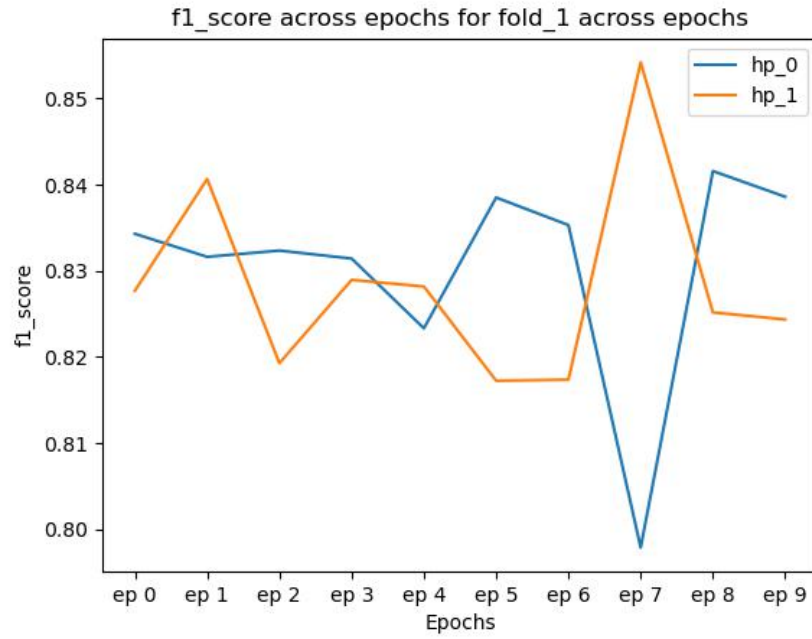
4.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.788	0.786	0.788	0.808	0.808	0.806	0.819	0.788	0.821	0.819
hp_1	0.782	0.804	0.804	0.806	0.814	0.803	0.812	0.842	0.814	0.812



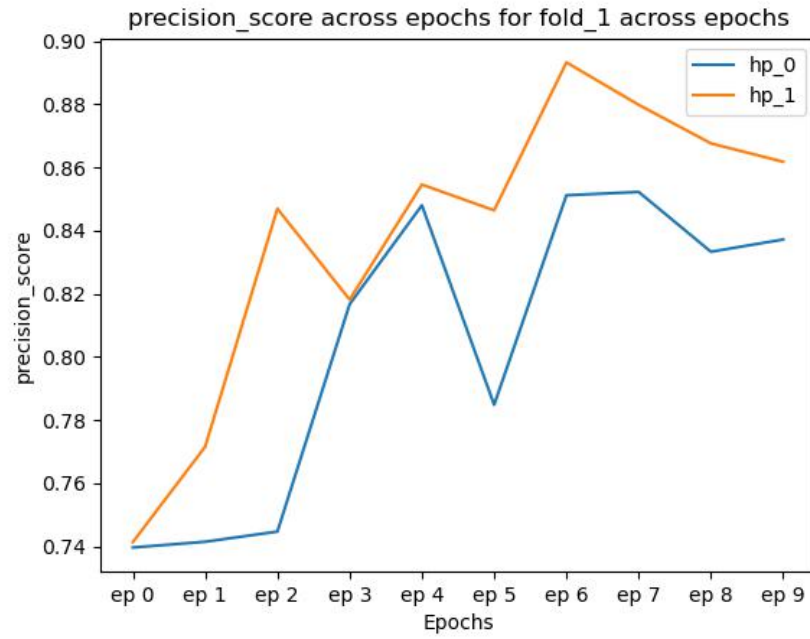
4.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.834	0.832	0.832	0.831	0.823	0.839	0.835	0.798	0.842	0.839
hp_1	0.828	0.841	0.819	0.829	0.828	0.817	0.817	0.854	0.825	0.824



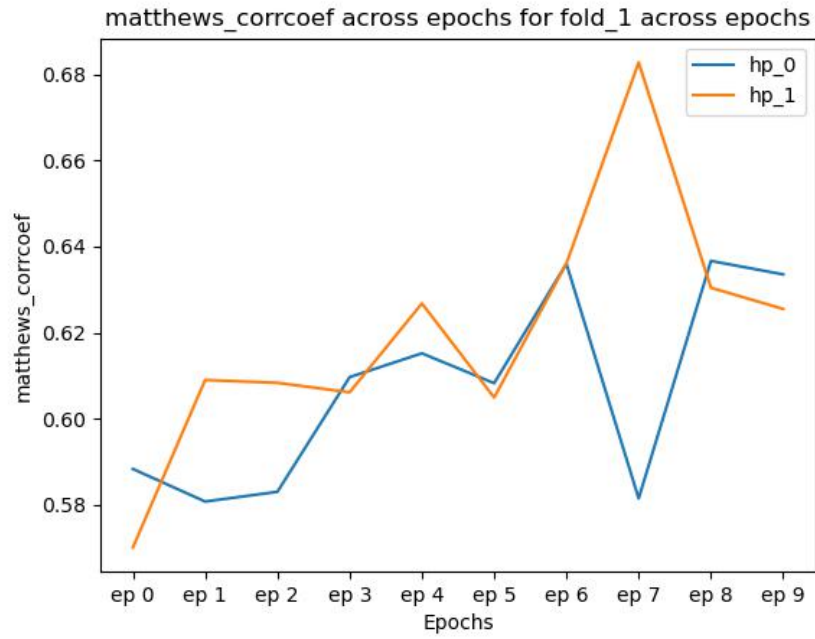
4.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.740	0.742	0.745	0.817	0.848	0.785	0.851	0.852	0.833	0.837
hp_1	0.741	0.772	0.847	0.818	0.855	0.846	0.893	0.880	0.868	0.862



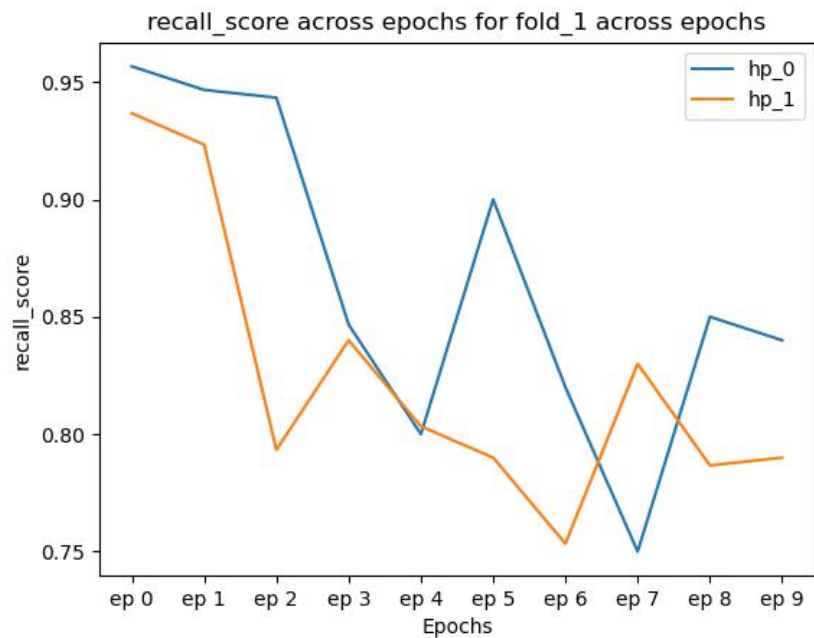
4.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.588	0.581	0.583	0.610	0.615	0.608	0.636	0.581	0.637	0.634
hp_1	0.570	0.609	0.608	0.606	0.627	0.605	0.636	0.683	0.630	0.625



4.7 recall_score

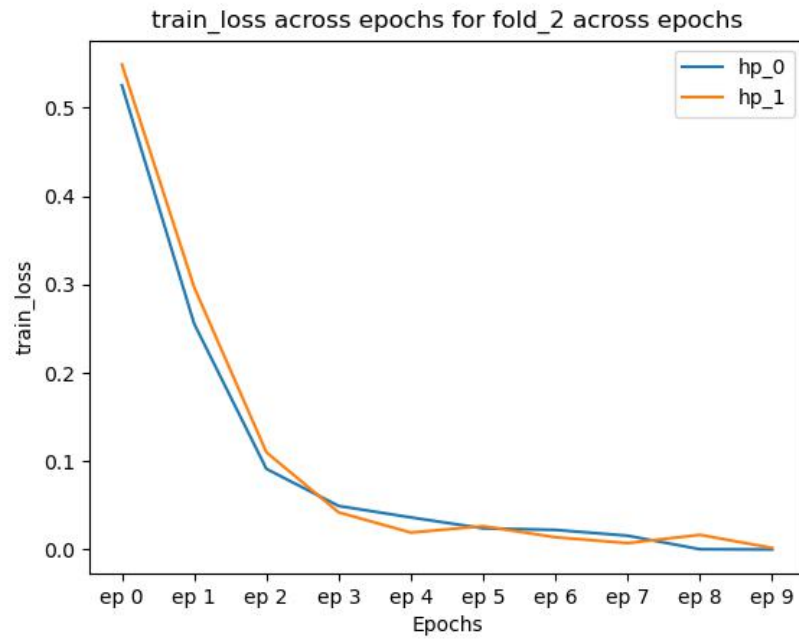
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.957	0.947	0.943	0.847	0.800	0.90	0.820	0.75	0.850	0.84
hp_1	0.937	0.923	0.793	0.840	0.803	0.79	0.753	0.83	0.787	0.79



5 fold_2

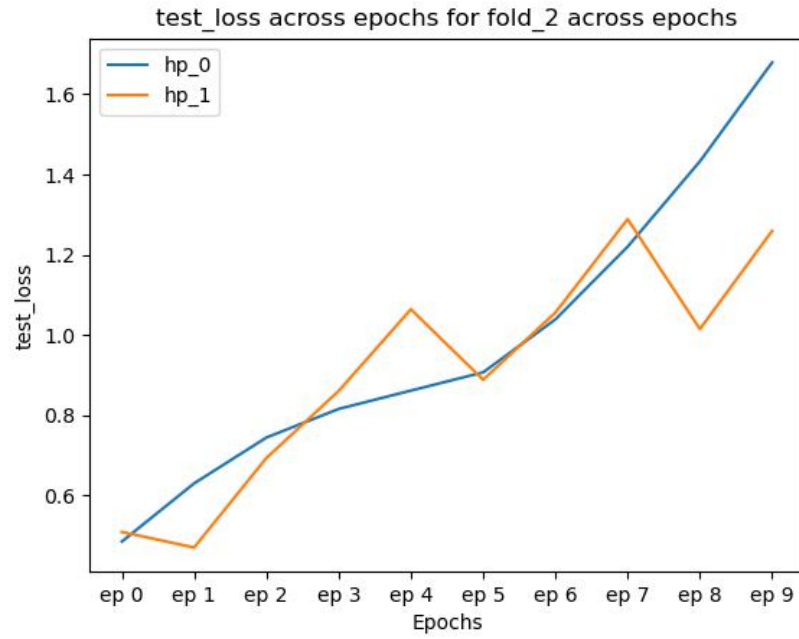
5.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.525	0.256	0.091	0.049	0.036	0.024	0.022	0.016	0.000	0.000
hp_1	0.549	0.297	0.110	0.042	0.019	0.026	0.014	0.007	0.017	0.002



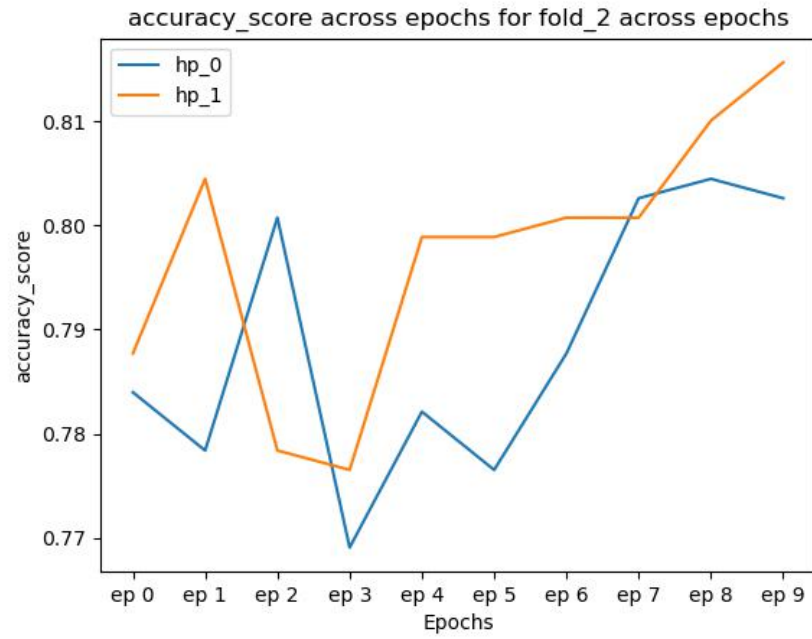
5.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.485	0.630	0.745	0.816	0.862	0.907	1.039	1.220	1.433	1.679
hp_1	0.509	0.471	0.693	0.860	1.064	0.889	1.056	1.289	1.015	1.260



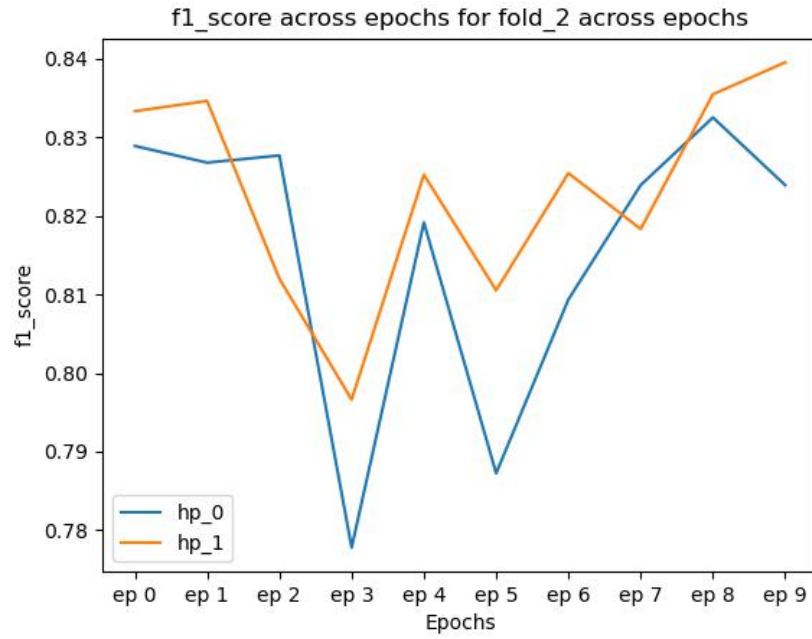
5.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.784	0.778	0.801	0.769	0.782	0.777	0.788	0.803	0.804	0.803
hp_1	0.788	0.804	0.778	0.777	0.799	0.799	0.801	0.801	0.810	0.816



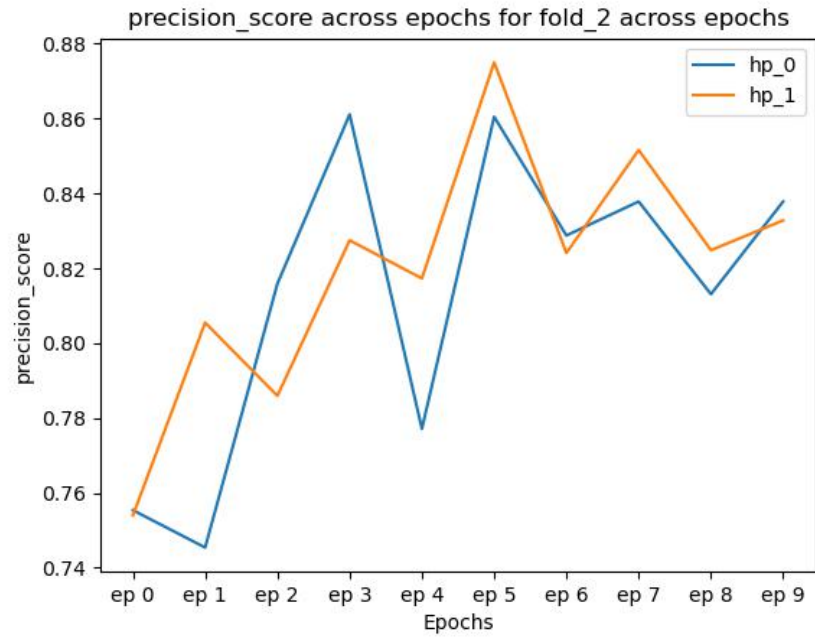
5.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.829	0.827	0.828	0.778	0.819	0.787	0.809	0.824	0.833	0.824
hp_1	0.833	0.835	0.812	0.797	0.825	0.811	0.825	0.818	0.835	0.840



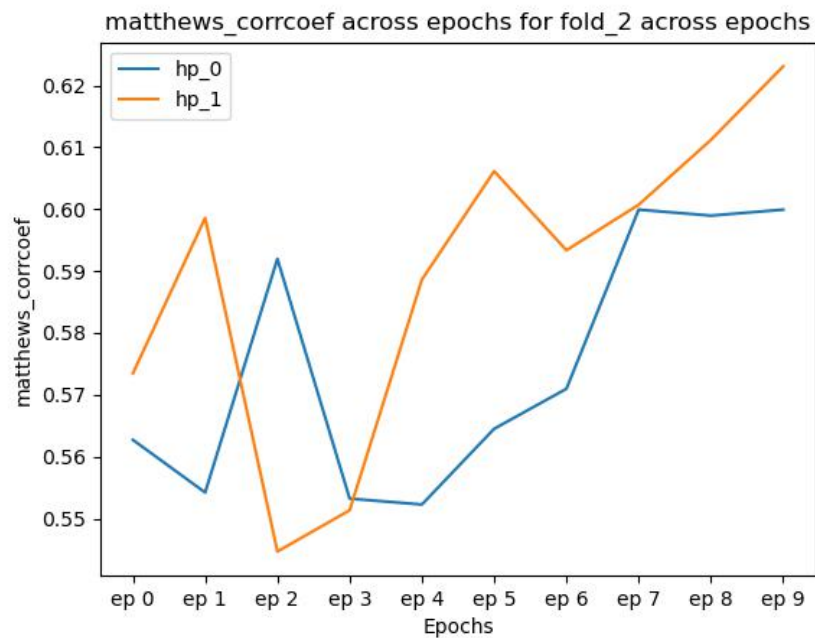
5.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.755	0.745	0.816	0.861	0.777	0.860	0.829	0.838	0.813	0.838
hp_1	0.754	0.805	0.786	0.827	0.817	0.875	0.824	0.852	0.825	0.833



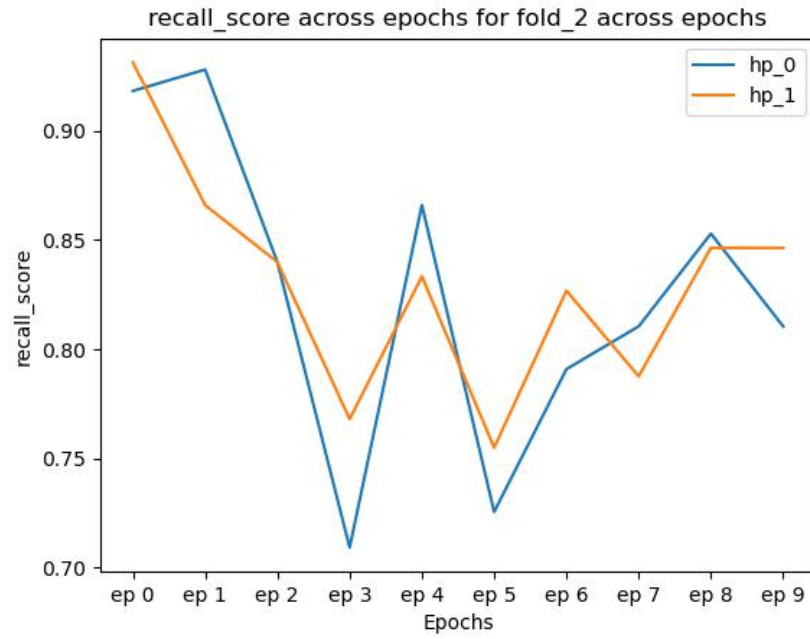
5.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.563	0.554	0.592	0.553	0.552	0.564	0.571	0.600	0.599	0.600
hp_1	0.573	0.599	0.545	0.551	0.589	0.606	0.593	0.601	0.611	0.623



5.7 recall_score

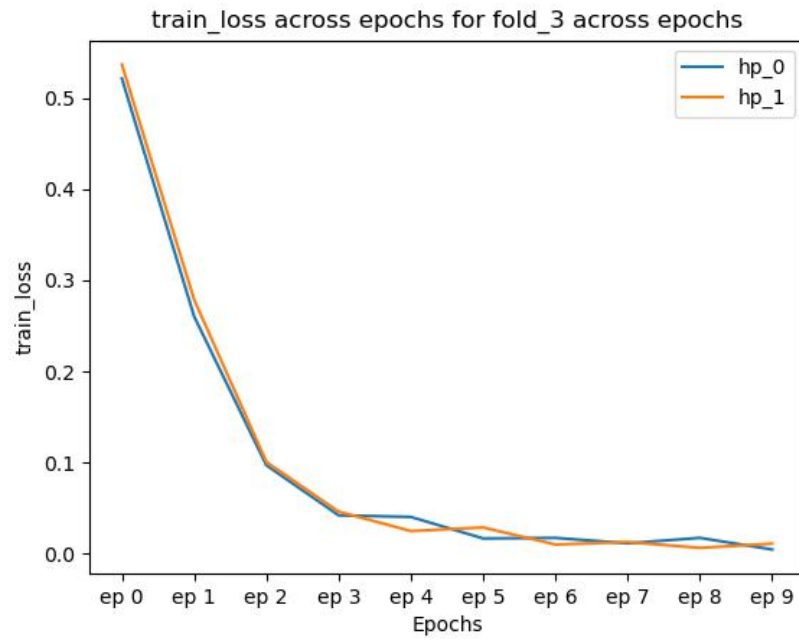
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.918	0.928	0.84	0.709	0.866	0.725	0.791	0.810	0.853	0.810
hp_1	0.931	0.866	0.84	0.768	0.833	0.755	0.827	0.788	0.846	0.846



6 fold_3

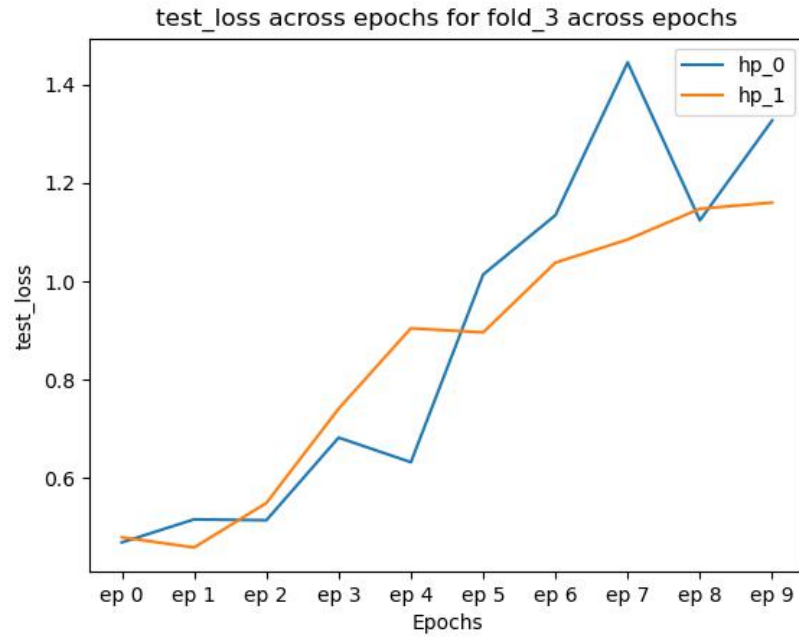
6.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.521	0.260	0.097	0.042	0.040	0.017	0.017	0.011	0.017	0.005
hp_1	0.537	0.279	0.101	0.046	0.025	0.029	0.010	0.013	0.006	0.011



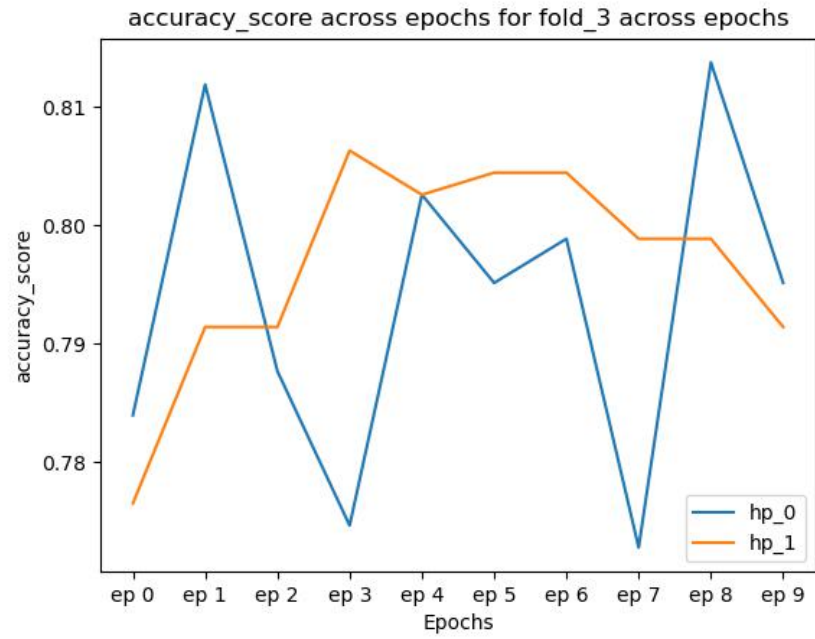
6.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.47	0.516	0.515	0.683	0.633	1.014	1.134	1.445	1.124	1.327
hp_1	0.48	0.459	0.550	0.741	0.905	0.896	1.038	1.085	1.147	1.160



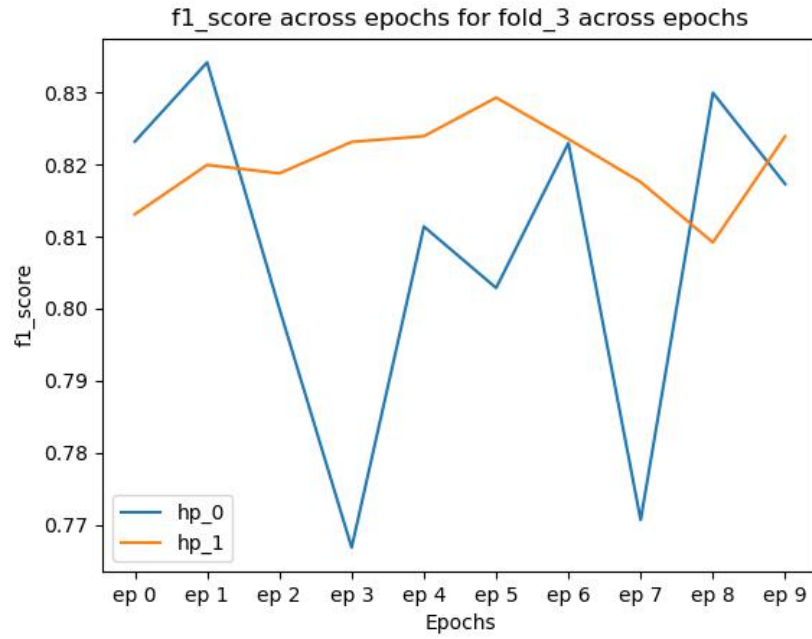
6.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.784	0.812	0.788	0.775	0.803	0.795	0.799	0.773	0.814	0.795
hp_1	0.777	0.791	0.791	0.806	0.803	0.804	0.804	0.799	0.799	0.791



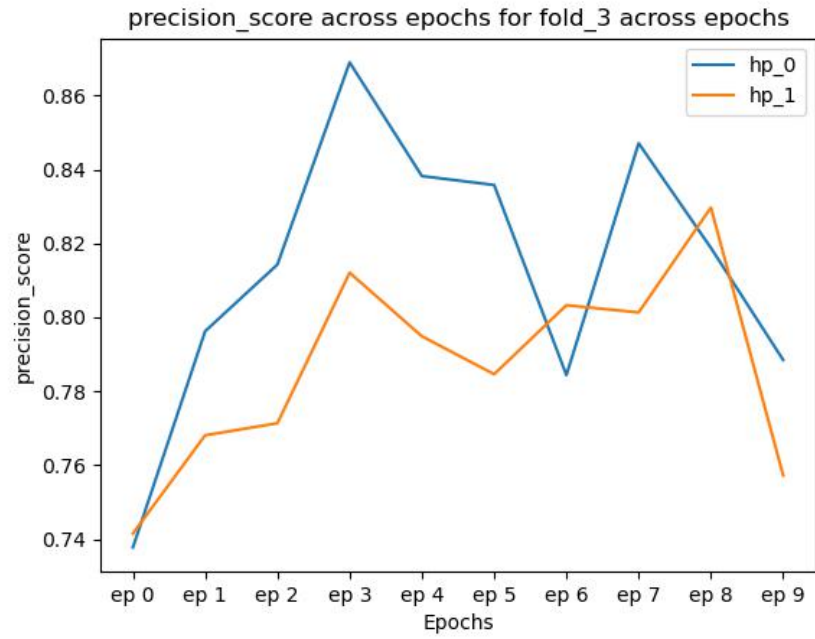
6.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.823	0.834	0.800	0.767	0.811	0.803	0.823	0.771	0.830	0.817
hp_1	0.813	0.820	0.819	0.823	0.824	0.829	0.824	0.818	0.809	0.824



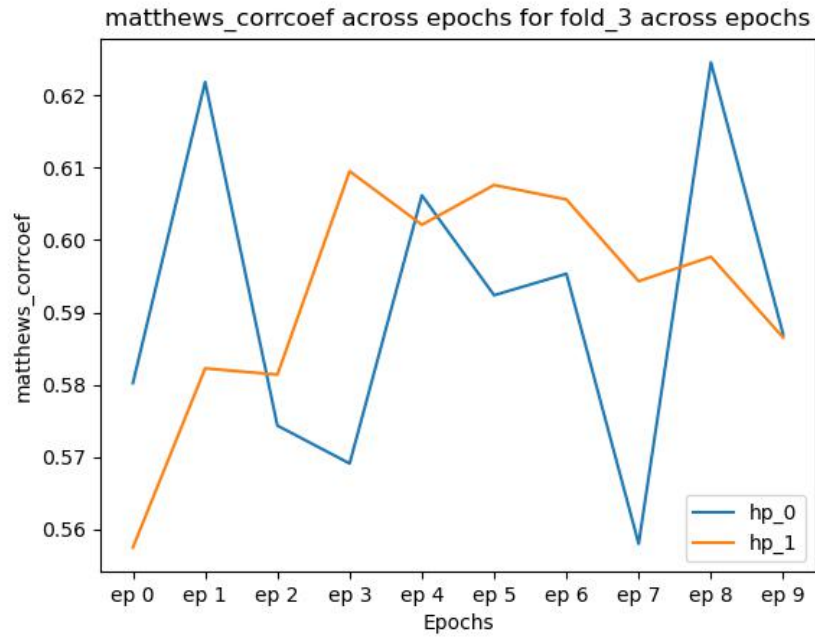
6.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.738	0.796	0.814	0.869	0.838	0.836	0.784	0.847	0.819	0.788
hp_1	0.741	0.768	0.771	0.812	0.795	0.785	0.803	0.801	0.830	0.757



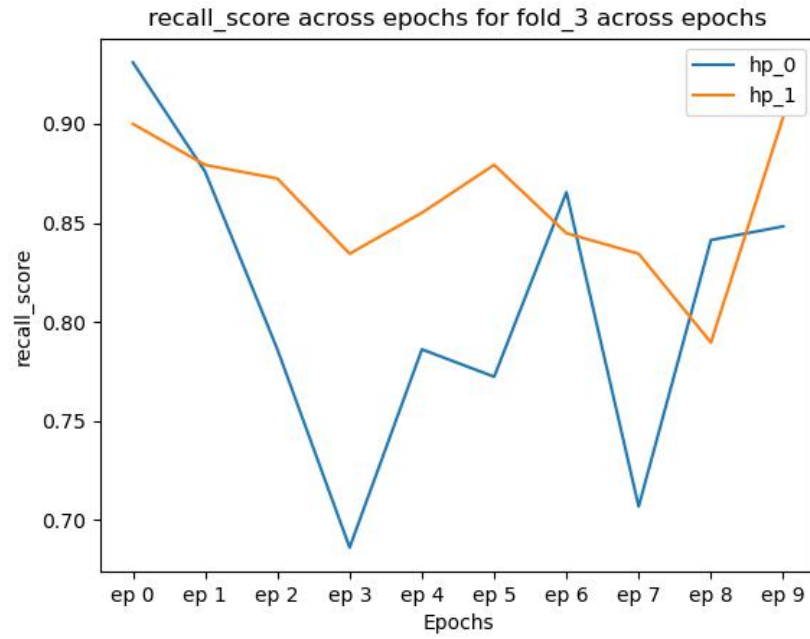
6.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.580	0.622	0.574	0.569	0.606	0.592	0.595	0.558	0.625	0.587
hp_1	0.558	0.582	0.581	0.610	0.602	0.608	0.606	0.594	0.598	0.587



6.7 recall_score

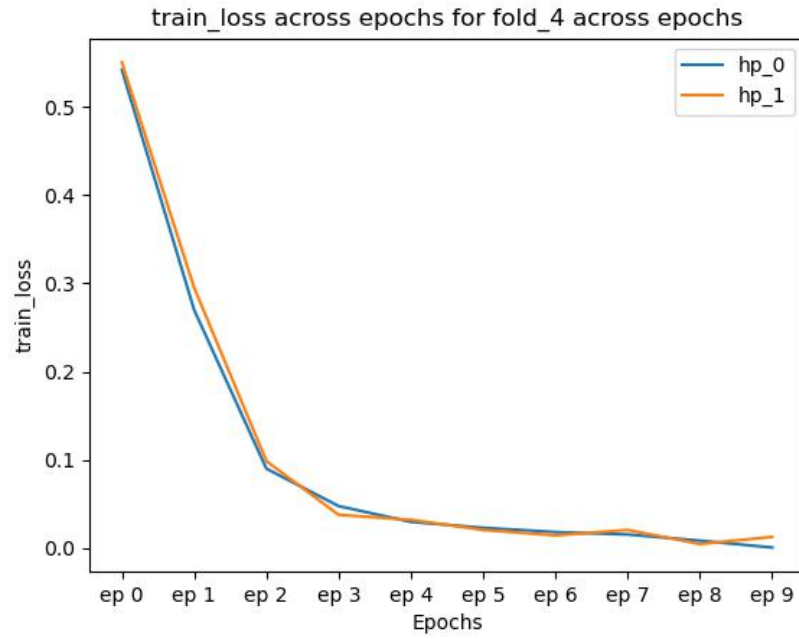
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.931	0.876	0.786	0.686	0.786	0.772	0.866	0.707	0.841	0.848
hp_1	0.900	0.879	0.872	0.834	0.855	0.879	0.845	0.834	0.790	0.903



7 fold_4

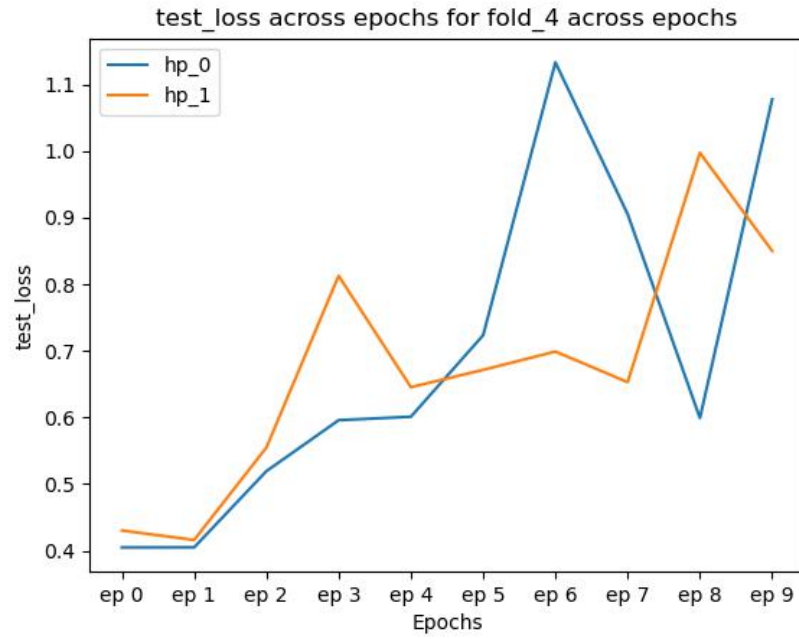
7.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.542	0.270	0.090	0.048	0.030	0.023	0.018	0.015	0.008	0.001
hp_1	0.550	0.295	0.099	0.038	0.032	0.021	0.014	0.021	0.005	0.013



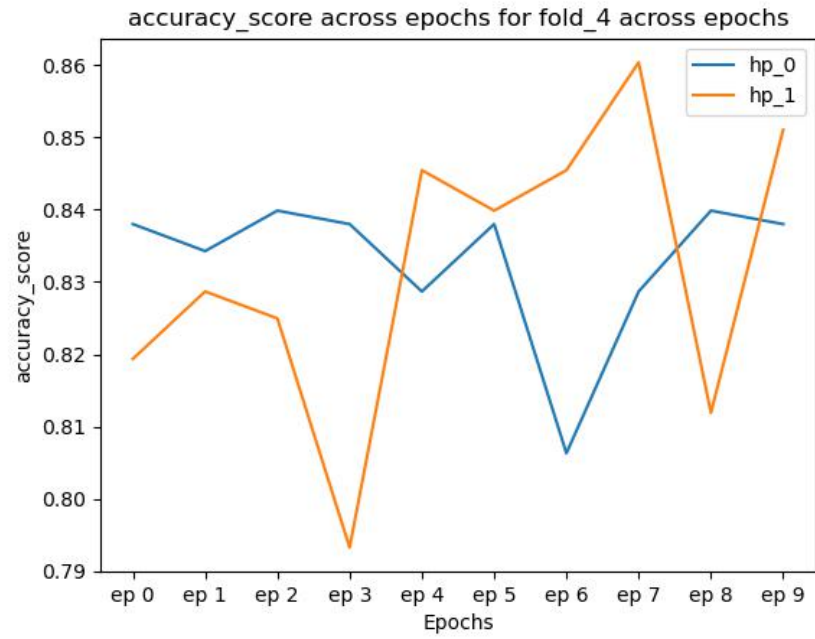
7.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.405	0.405	0.519	0.596	0.601	0.723	1.133	0.905	0.599	1.077
hp_1	0.430	0.416	0.555	0.813	0.645	0.671	0.699	0.653	0.997	0.850



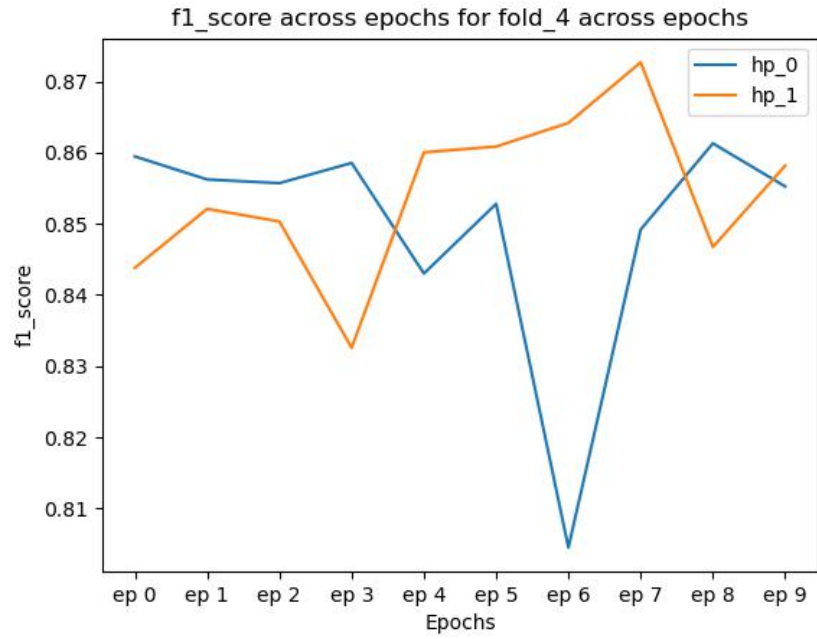
7.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.838	0.834	0.840	0.838	0.829	0.838	0.806	0.829	0.840	0.838
hp_1	0.819	0.829	0.825	0.793	0.845	0.840	0.845	0.860	0.812	0.851



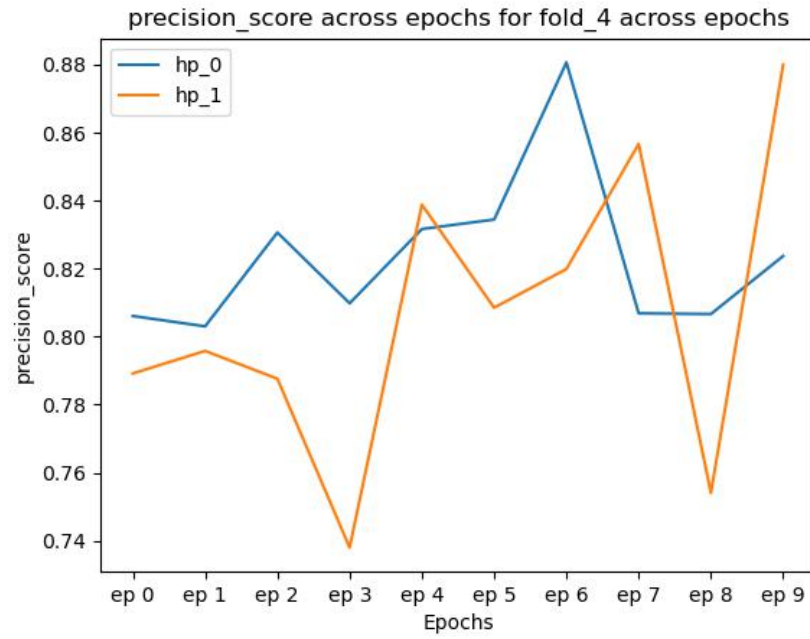
7.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.859	0.856	0.856	0.859	0.843	0.853	0.805	0.849	0.861	0.855
hp_1	0.844	0.852	0.850	0.833	0.860	0.861	0.864	0.873	0.847	0.858



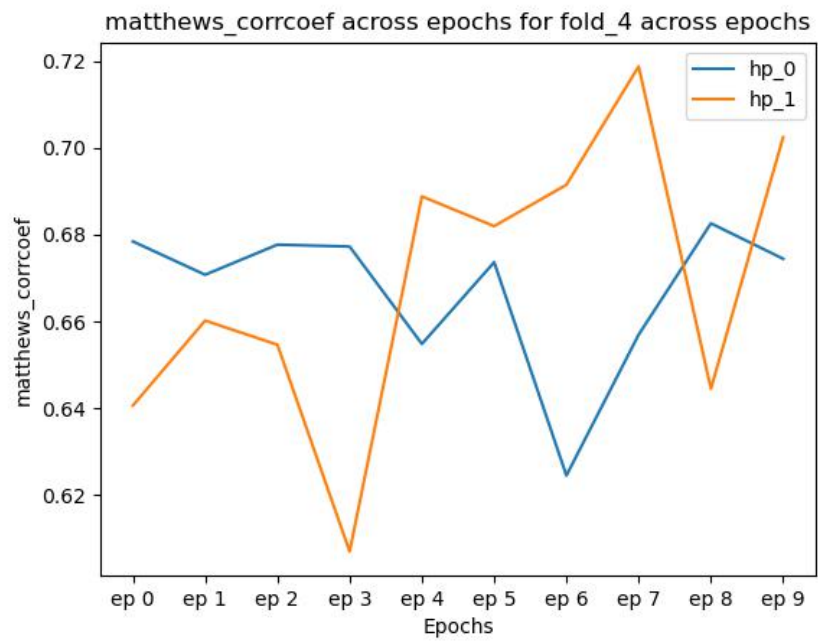
7.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.806	0.803	0.831	0.810	0.832	0.834	0.881	0.807	0.807	0.824
hp_1	0.789	0.796	0.788	0.738	0.839	0.809	0.820	0.857	0.754	0.880



7.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.678	0.671	0.678	0.677	0.655	0.674	0.625	0.657	0.683	0.674
hp_1	0.641	0.660	0.655	0.607	0.689	0.682	0.692	0.719	0.645	0.702



7.7 recall_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.920	0.917	0.882	0.913	0.855	0.872	0.740	0.896	0.924	0.889
hp_1	0.907	0.917	0.924	0.955	0.882	0.920	0.913	0.889	0.965	0.837

