

Results: sbert-all-mpnet-base-v2-plg-[cls]-lr-
[0.00005—0.00001—0.000001]

Nadia Sheikh

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1 Configurations

1.1 Run Configuration

0	
experiment_idenfier	llm-baseline-[bert—sbert]
run_idenfier	sbert-all-mpnet-base-v2-plg-[cls]-lr-[0.00005—...
config_file_path	/tmp/71324.1.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/71324.1.all.q/ctre/cnc-task-3/runs/config...

1.3 Preprocessing Configuration

0	
collate_fn_name	LLMCollateFn
llm_name	sentence-transformers/all-mpnet-base-v2
connl_folder_path	/home/nadia/Documents/CLaC-Lab/ctre/cnc-task-3...
max_nos_tokens	84
token_sep	True
config_file_path	/tmp/71324.1.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	sentence-transformers/all-mpnet-base-v2
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	sentence-transformers/all-mpnet-base-v2
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	cls
classes	2
max_epochs	10

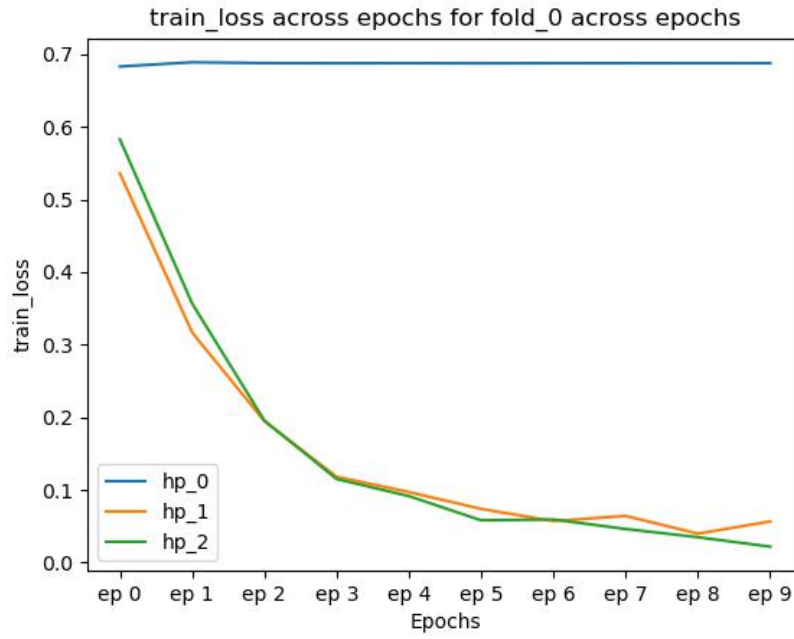
2.3 hparam_config_id_2

	0
loss_function	cross-entropy-loss
learning_rate	0.000005
batch_size	1
optimizer	adam
llm	sentence-transformers/all-mpnet-base-v2
llm_hidden_dropout_prob	0.1
llm_attention_probs_dropout_prob	0.1
pooling	cls
classes	2
max_epochs	10

3 fold_0

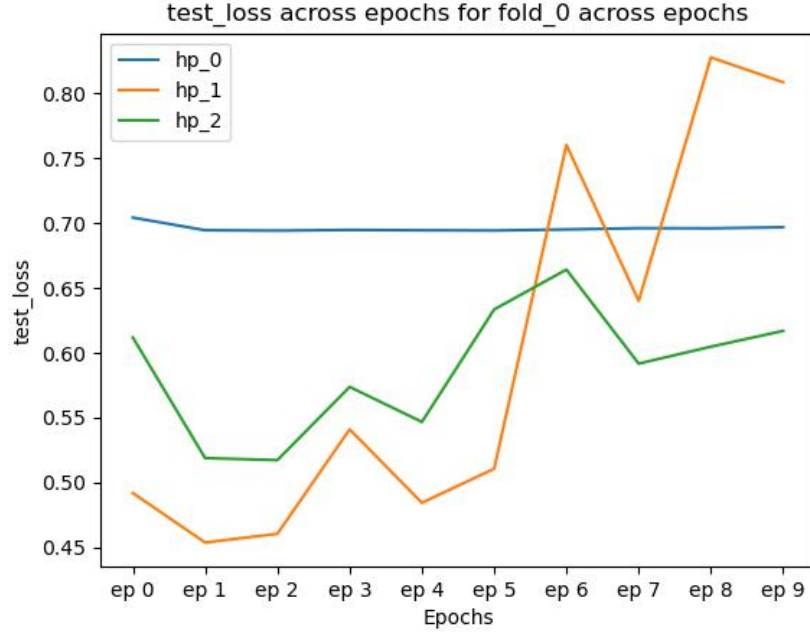
3.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.683	0.689	0.688	0.688	0.688	0.687	0.688	0.688	0.688	0.688
hp_1	0.536	0.317	0.195	0.118	0.097	0.074	0.057	0.064	0.040	0.057
hp_2	0.583	0.357	0.195	0.115	0.091	0.058	0.059	0.046	0.035	0.022



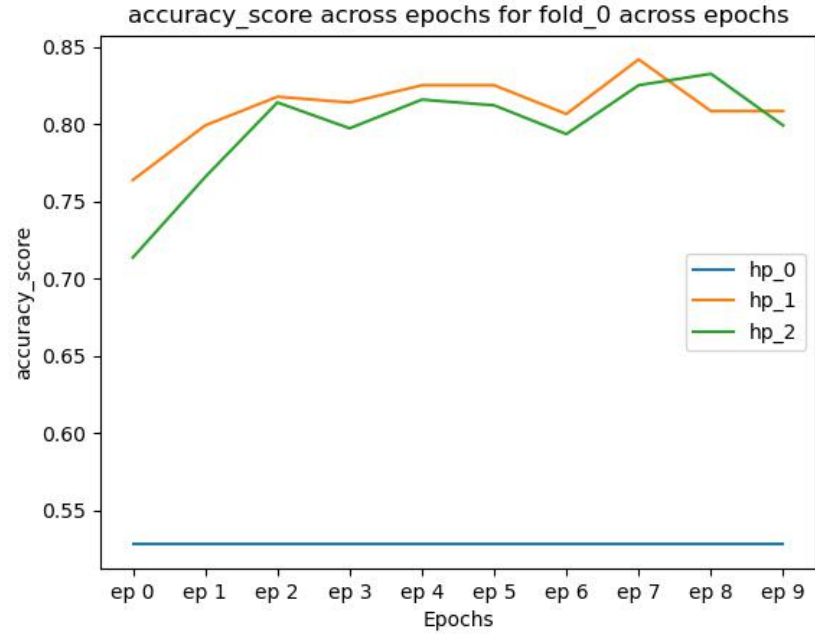
3.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.704	0.695	0.694	0.695	0.694	0.694	0.695	0.696	0.696	0.697
hp_1	0.492	0.454	0.461	0.541	0.485	0.511	0.760	0.640	0.828	0.809
hp_2	0.612	0.519	0.517	0.574	0.547	0.633	0.664	0.592	0.605	0.617



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	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
hp_1	0.764	0.799	0.818	0.814	0.825	0.825	0.807	0.842	0.809	0.809
hp_2	0.714	0.766	0.814	0.797	0.816	0.812	0.794	0.825	0.833	0.799



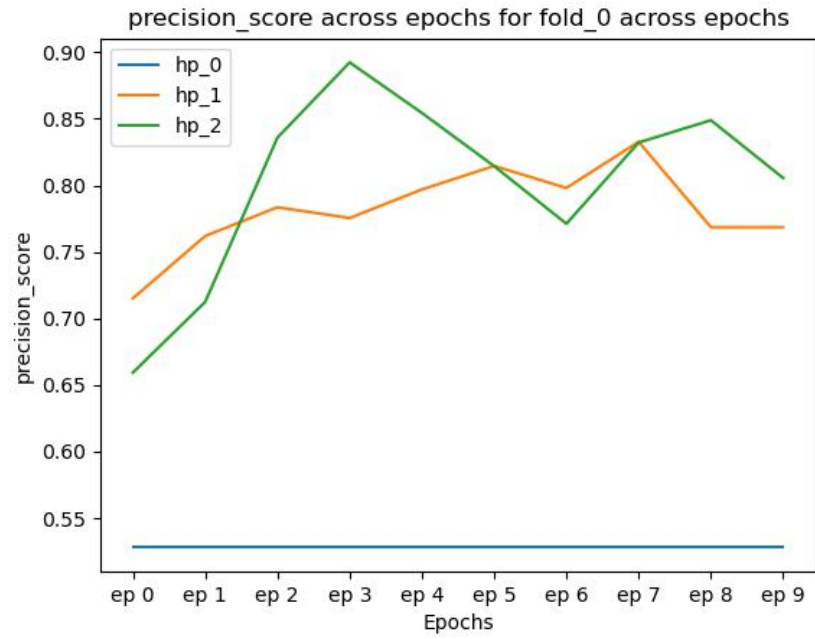
3.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691
hp_1	0.804	0.826	0.840	0.838	0.844	0.840	0.823	0.854	0.834	0.834
hp_2	0.777	0.808	0.821	0.785	0.818	0.824	0.816	0.835	0.840	0.811



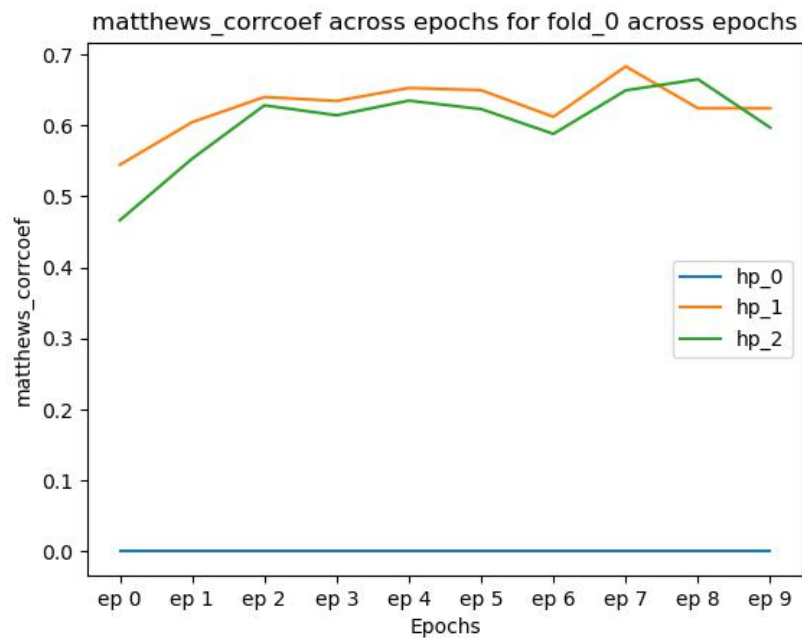
3.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
hp_1	0.715	0.762	0.784	0.775	0.797	0.815	0.798	0.833	0.769	0.769
hp_2	0.659	0.712	0.836	0.892	0.854	0.814	0.771	0.832	0.849	0.806



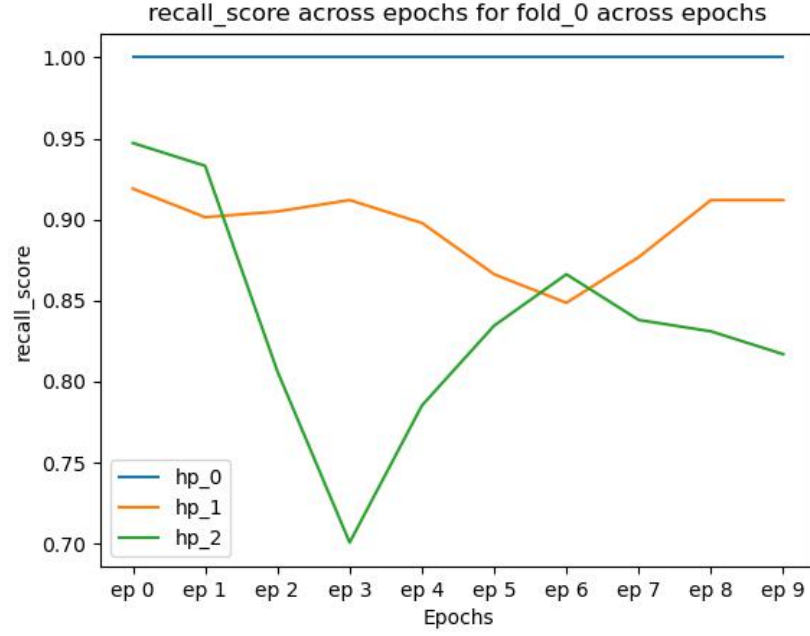
3.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hp_1	0.545	0.605	0.640	0.635	0.653	0.650	0.612	0.683	0.624	0.624
hp_2	0.466	0.553	0.628	0.614	0.635	0.623	0.588	0.649	0.665	0.597



3.7 recall_score

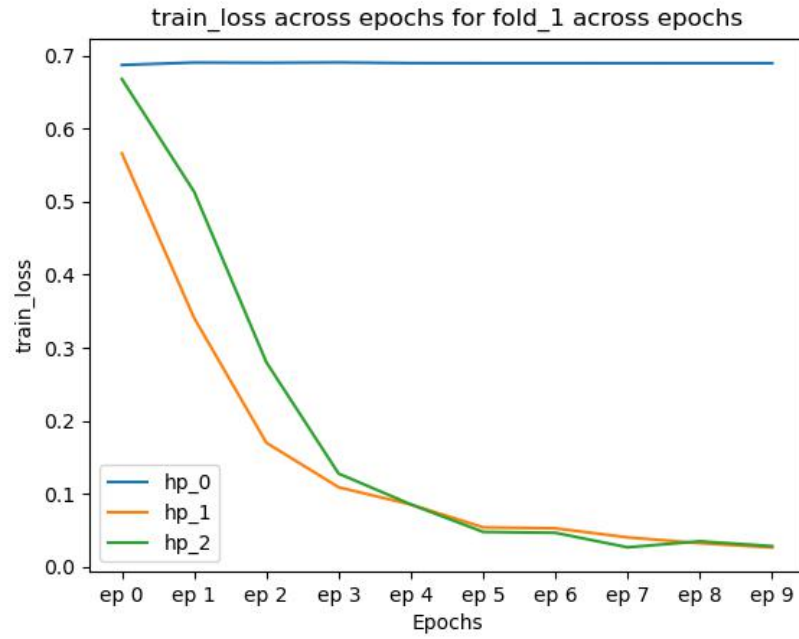
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
hp_1	0.919	0.901	0.905	0.912	0.898	0.866	0.849	0.877	0.912	0.912
hp_2	0.947	0.933	0.806	0.701	0.785	0.835	0.866	0.838	0.831	0.817



4 fold_1

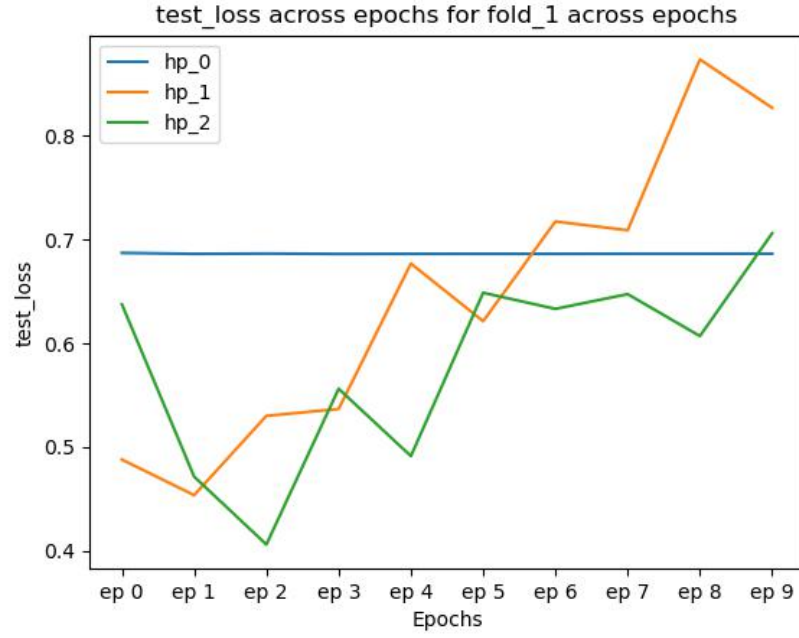
4.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.688	0.691	0.691	0.691	0.690	0.690	0.690	0.690	0.690	0.690
hp_1	0.566	0.341	0.170	0.109	0.085	0.054	0.052	0.040	0.032	0.026
hp_2	0.668	0.514	0.280	0.127	0.085	0.047	0.046	0.026	0.035	0.028



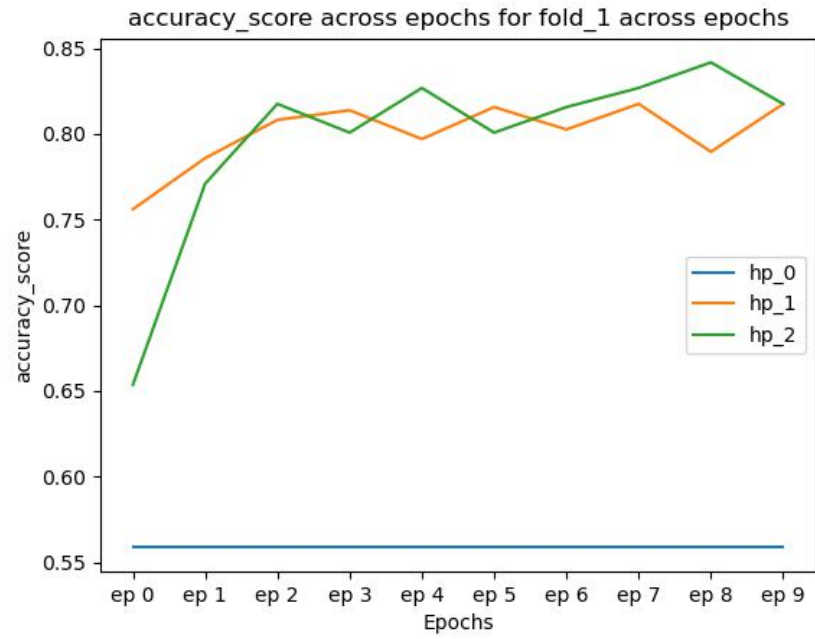
4.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.687	0.686	0.687	0.686	0.686	0.686	0.686	0.686	0.686	0.687
hp_1	0.488	0.454	0.530	0.537	0.677	0.621	0.718	0.709	0.874	0.827
hp_2	0.638	0.471	0.406	0.556	0.491	0.649	0.633	0.647	0.607	0.706



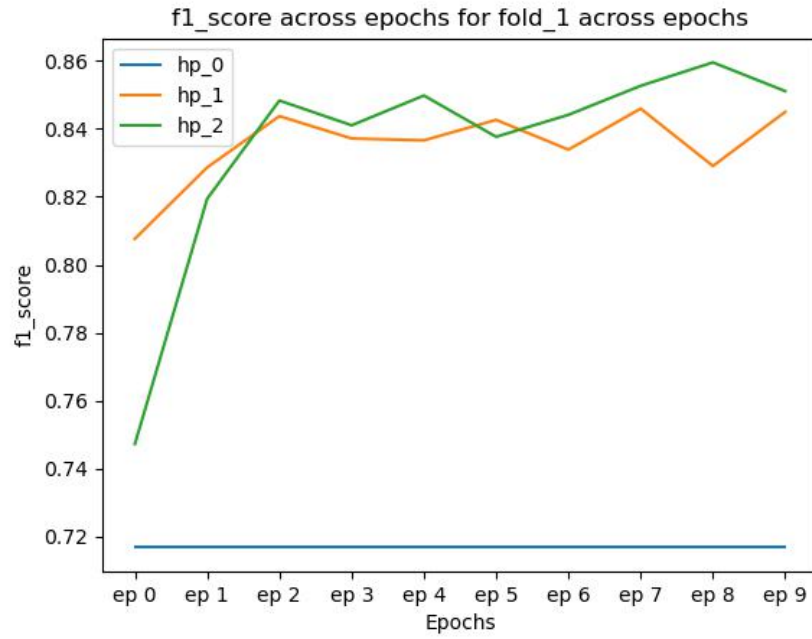
4.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559
hp_1	0.756	0.786	0.808	0.814	0.797	0.816	0.803	0.818	0.790	0.818
hp_2	0.654	0.771	0.818	0.801	0.827	0.801	0.816	0.827	0.842	0.818



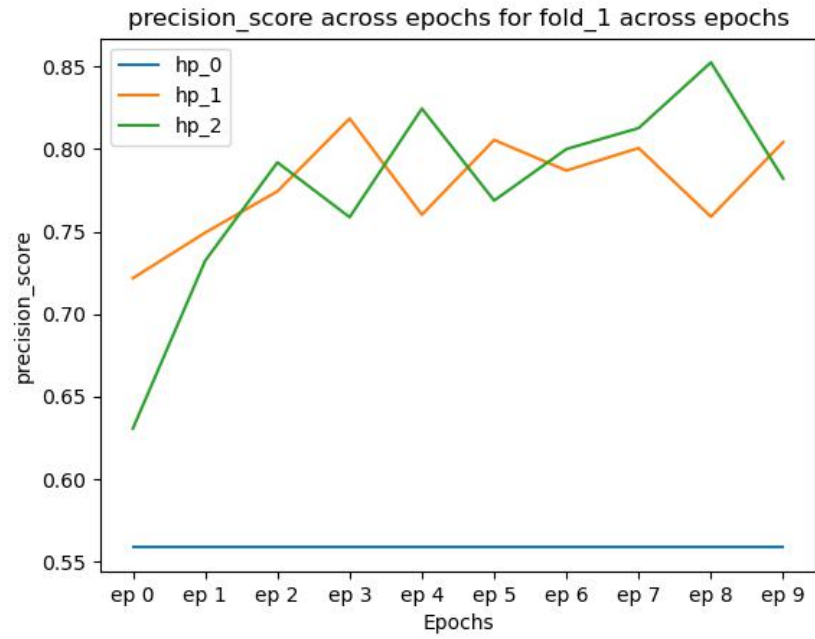
4.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.717	0.717	0.717	0.717	0.717	0.717	0.717	0.717	0.717	0.717
hp_1	0.808	0.829	0.844	0.837	0.837	0.843	0.834	0.846	0.829	0.845
hp_2	0.747	0.819	0.848	0.841	0.850	0.838	0.844	0.853	0.860	0.851



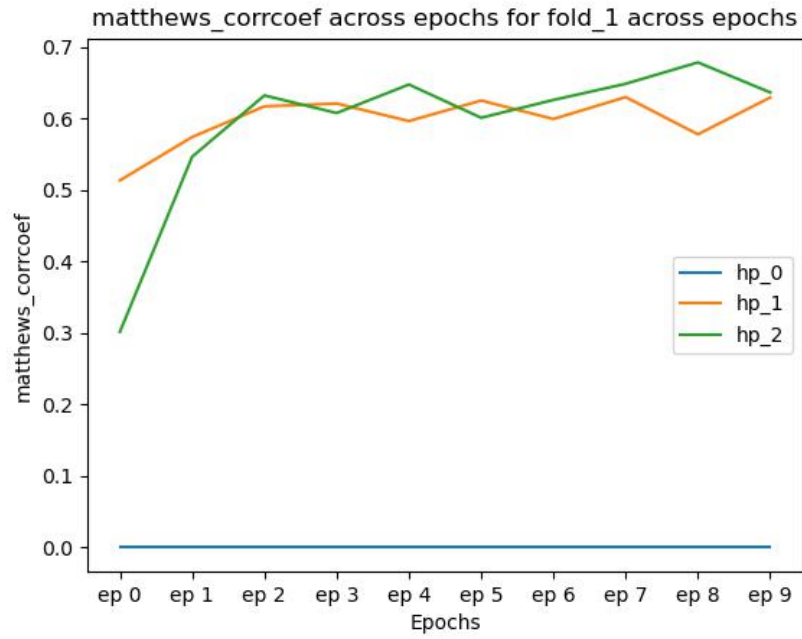
4.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559	0.559
hp_1	0.722	0.749	0.774	0.818	0.760	0.805	0.787	0.801	0.759	0.804
hp_2	0.631	0.732	0.792	0.759	0.824	0.769	0.800	0.813	0.852	0.782



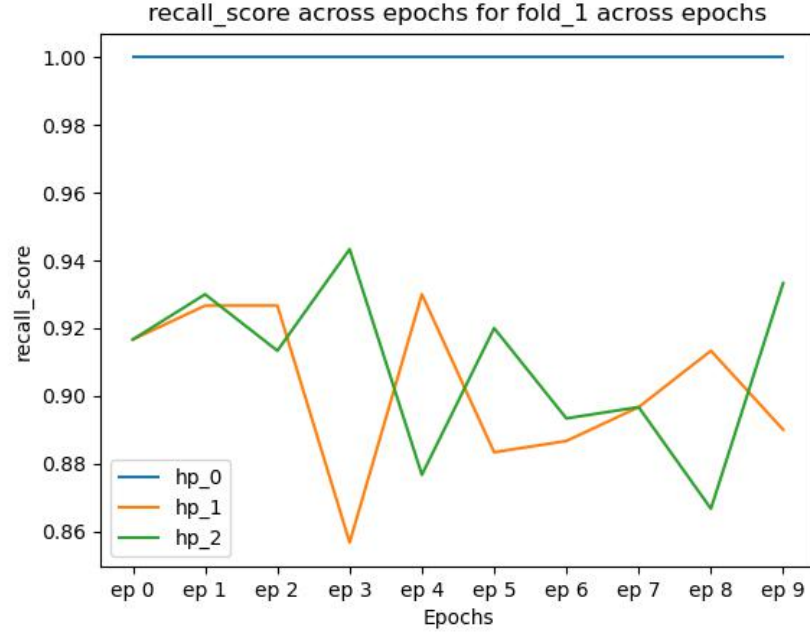
4.6 matthews_corrcoef

	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	0.513	0.574	0.617	0.621	0.596	0.625	0.599	0.630	0.578	0.629
hp_2	0.302	0.546	0.632	0.608	0.648	0.601	0.626	0.648	0.678	0.636



4.7 recall_score

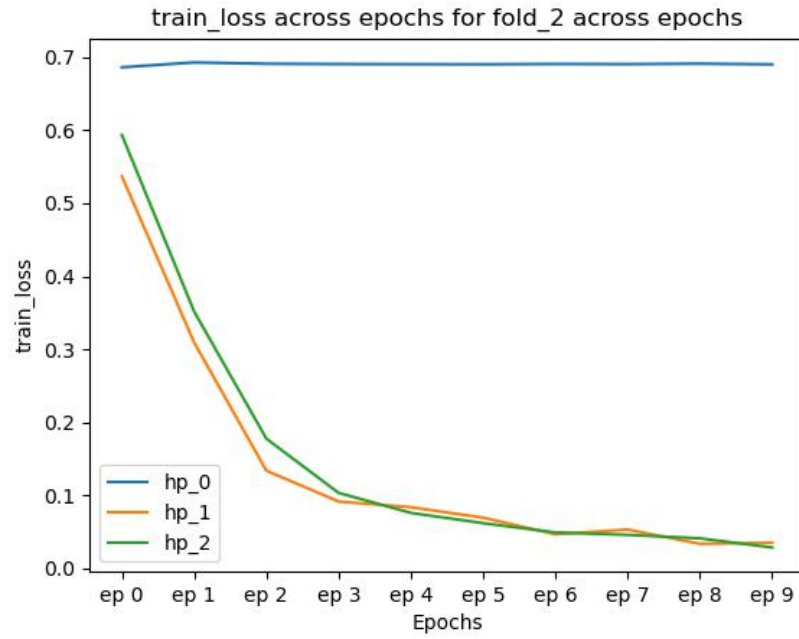
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
hp_1	0.917	0.927	0.927	0.857	0.930	0.883	0.887	0.897	0.913	0.890
hp_2	0.917	0.930	0.913	0.943	0.877	0.920	0.893	0.897	0.867	0.933



5 fold_2

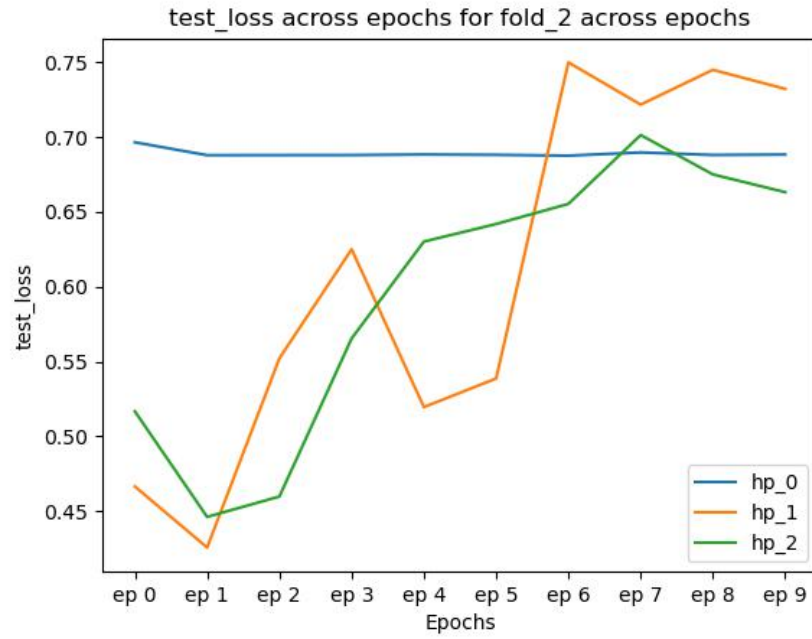
5.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.686	0.693	0.691	0.691	0.690	0.690	0.691	0.691	0.691	0.690
hp_1	0.537	0.310	0.134	0.092	0.084	0.070	0.047	0.053	0.034	0.035
hp_2	0.594	0.352	0.178	0.104	0.076	0.062	0.049	0.046	0.041	0.029



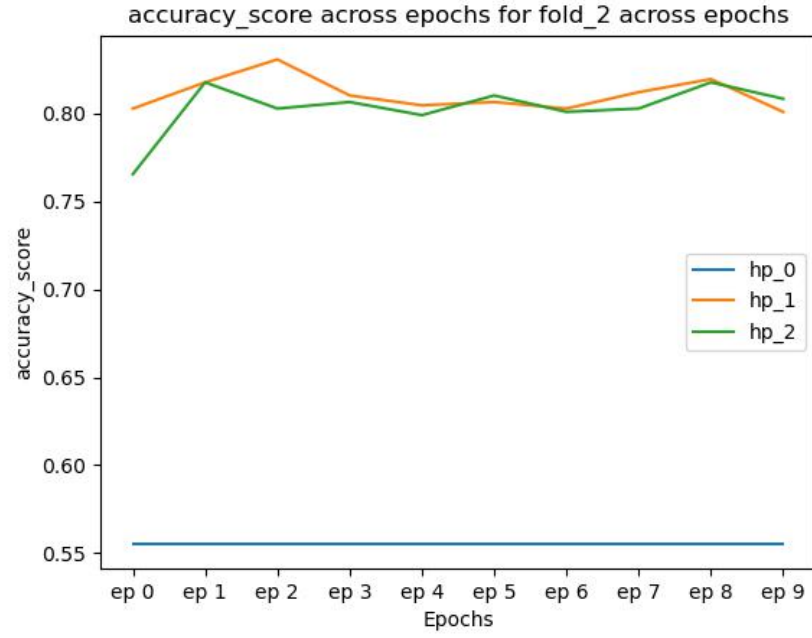
5.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.696	0.688	0.688	0.688	0.688	0.688	0.688	0.690	0.688	0.688
hp_1	0.467	0.426	0.552	0.625	0.520	0.539	0.750	0.722	0.745	0.732
hp_2	0.517	0.446	0.460	0.565	0.630	0.642	0.655	0.701	0.675	0.663



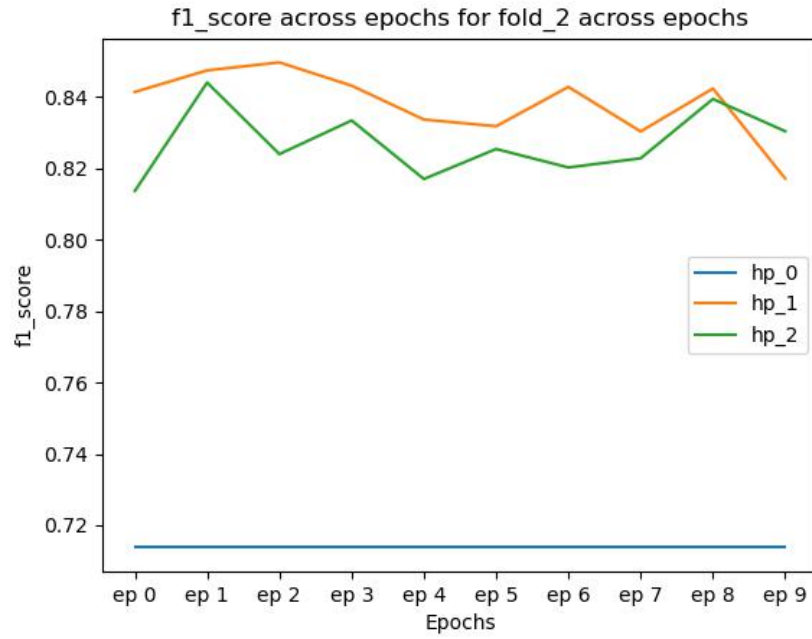
5.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.555
hp_1	0.803	0.818	0.831	0.810	0.804	0.806	0.803	0.812	0.819	0.801
hp_2	0.765	0.818	0.803	0.806	0.799	0.810	0.801	0.803	0.818	0.808



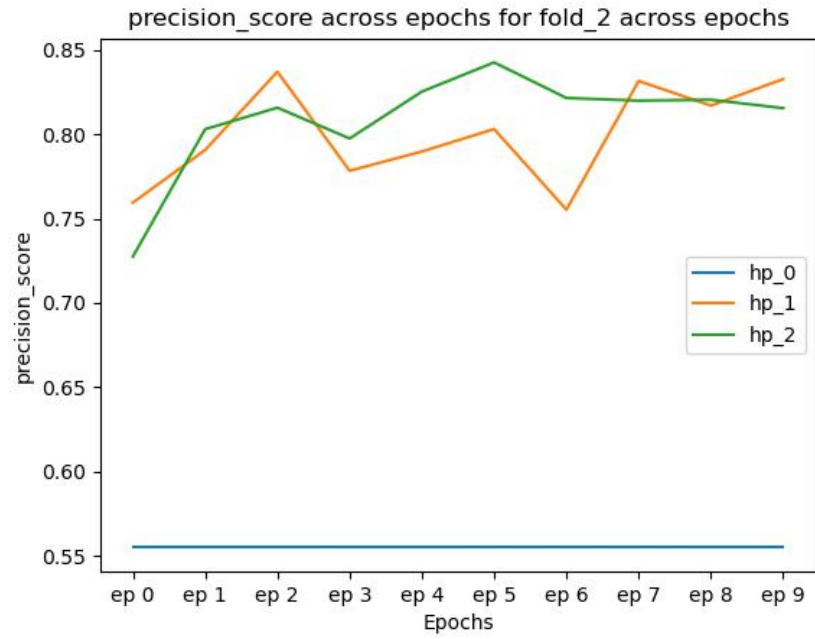
5.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.714	0.714	0.714	0.714	0.714	0.714	0.714	0.714	0.714	0.714
hp_1	0.841	0.847	0.850	0.843	0.834	0.832	0.843	0.830	0.842	0.817
hp_2	0.814	0.844	0.824	0.833	0.817	0.825	0.820	0.823	0.839	0.830



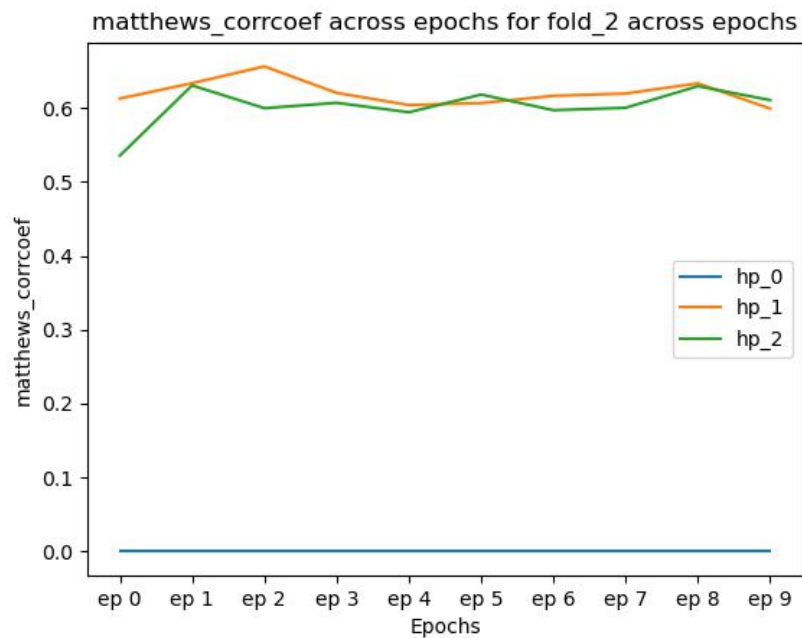
5.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.555
hp_1	0.759	0.791	0.837	0.778	0.790	0.803	0.755	0.832	0.817	0.833
hp_2	0.728	0.803	0.816	0.798	0.825	0.843	0.822	0.820	0.821	0.816



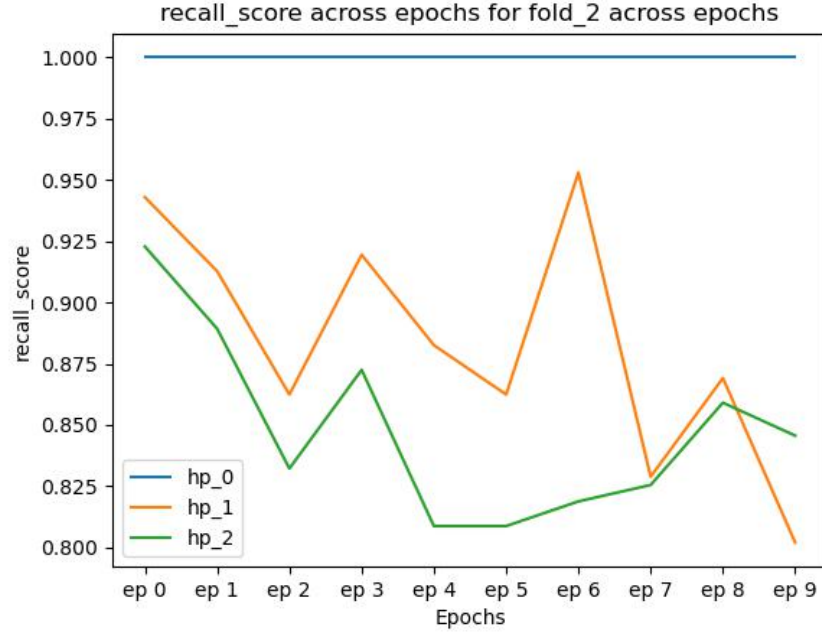
5.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hp_1	0.613	0.633	0.656	0.620	0.604	0.606	0.616	0.619	0.633	0.599
hp_2	0.535	0.630	0.600	0.607	0.594	0.618	0.597	0.600	0.629	0.610



5.7 recall_score

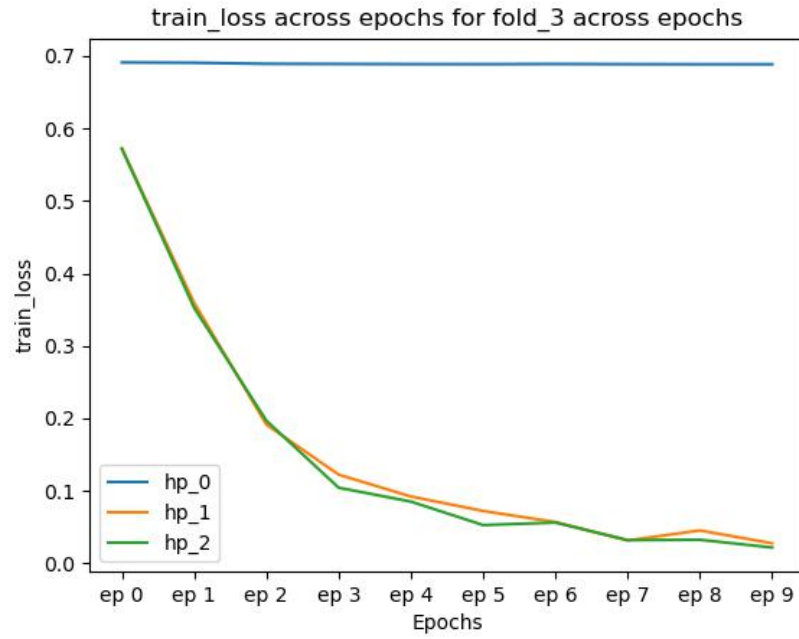
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
hp_1	0.943	0.913	0.862	0.919	0.883	0.862	0.953	0.829	0.869	0.802
hp_2	0.923	0.889	0.832	0.872	0.809	0.809	0.819	0.826	0.859	0.846



6 fold_3

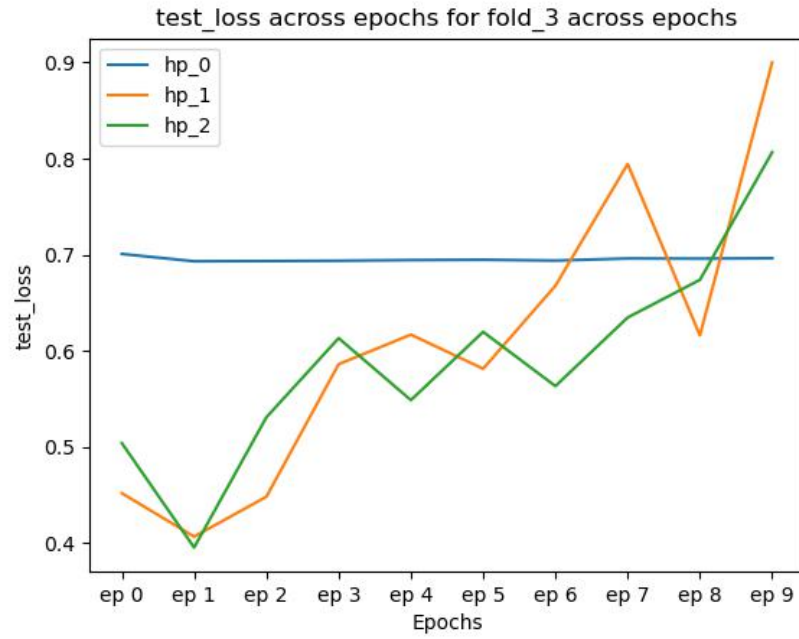
6.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.691	0.690	0.689	0.689	0.688	0.688	0.689	0.688	0.688	0.688
hp_1	0.572	0.359	0.192	0.123	0.092	0.072	0.057	0.032	0.046	0.028
hp_2	0.572	0.352	0.197	0.105	0.085	0.053	0.056	0.032	0.033	0.022



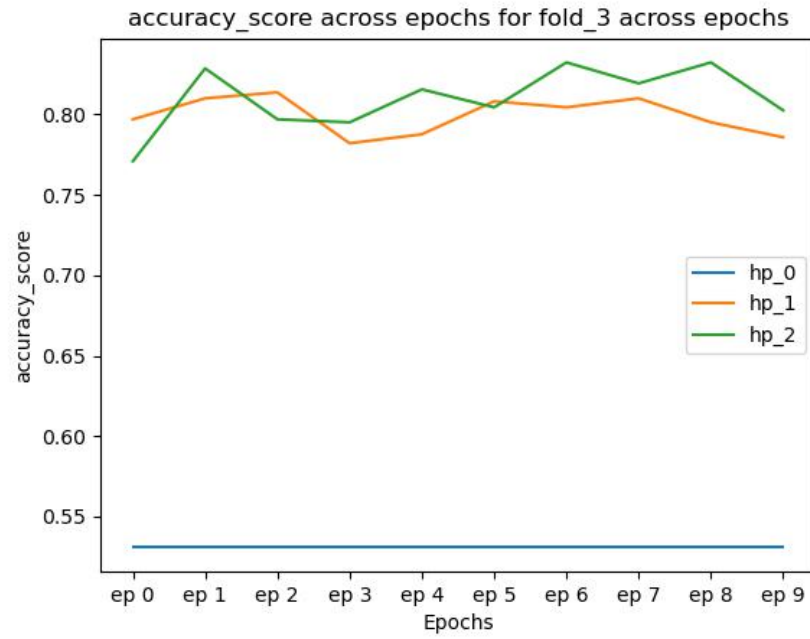
6.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.701	0.693	0.693	0.694	0.694	0.695	0.694	0.696	0.696	0.696
hp_1	0.452	0.407	0.448	0.586	0.617	0.581	0.668	0.794	0.616	0.900
hp_2	0.504	0.395	0.531	0.613	0.549	0.620	0.563	0.635	0.674	0.807



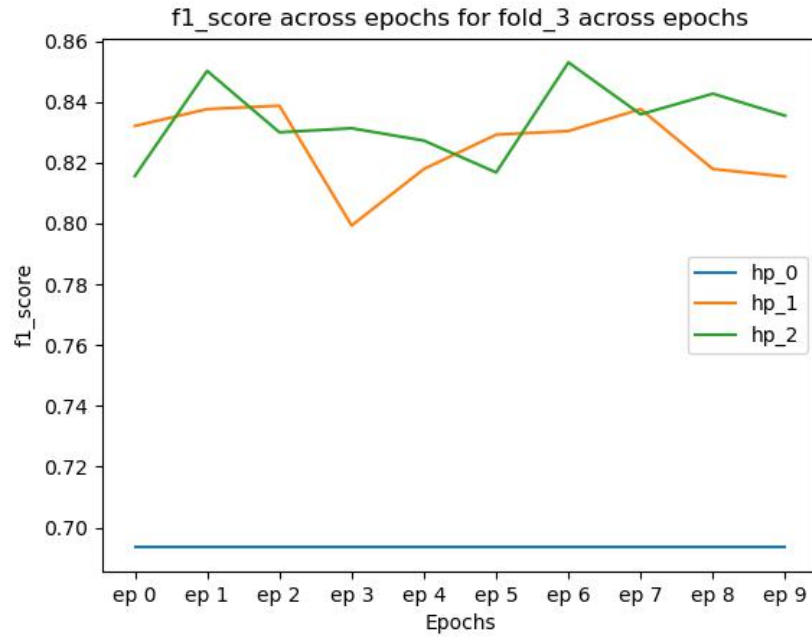
6.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531
hp_1	0.797	0.810	0.814	0.782	0.788	0.808	0.804	0.810	0.795	0.786
hp_2	0.771	0.829	0.797	0.795	0.816	0.804	0.832	0.819	0.832	0.803



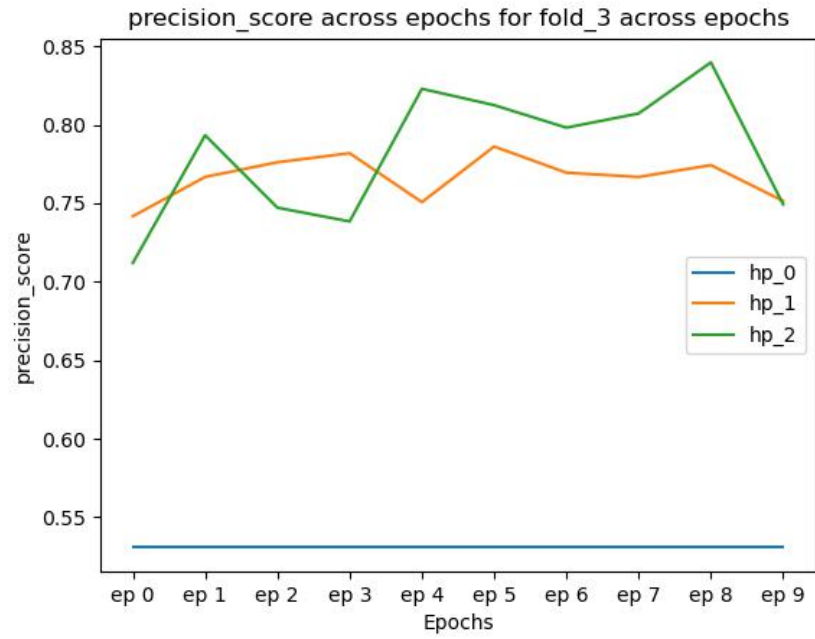
6.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.693	0.693	0.693	0.693	0.693	0.693	0.693	0.693	0.693	0.693
hp_1	0.832	0.838	0.839	0.799	0.818	0.829	0.830	0.838	0.818	0.815
hp_2	0.816	0.850	0.830	0.831	0.827	0.817	0.853	0.836	0.843	0.835



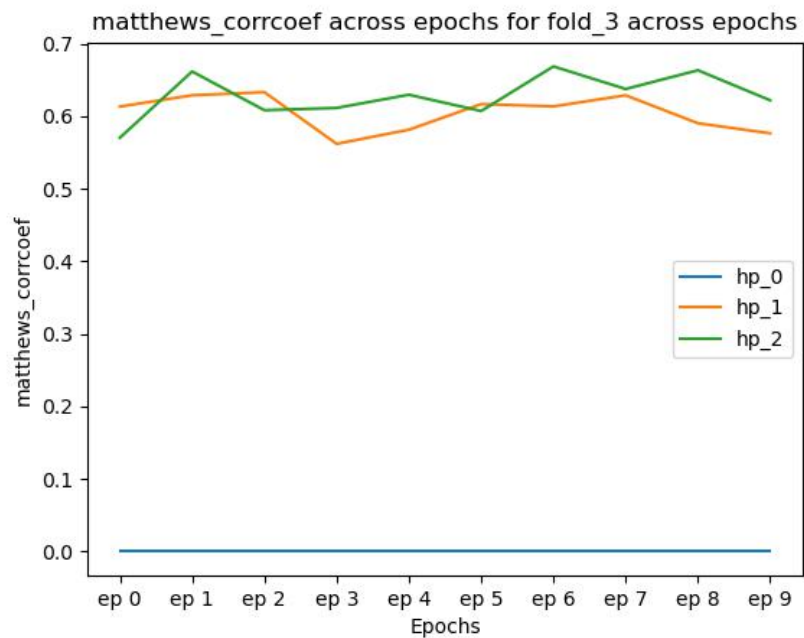
6.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531	0.531
hp_1	0.742	0.767	0.776	0.782	0.751	0.786	0.769	0.767	0.774	0.751
hp_2	0.712	0.793	0.747	0.738	0.823	0.812	0.798	0.807	0.840	0.749



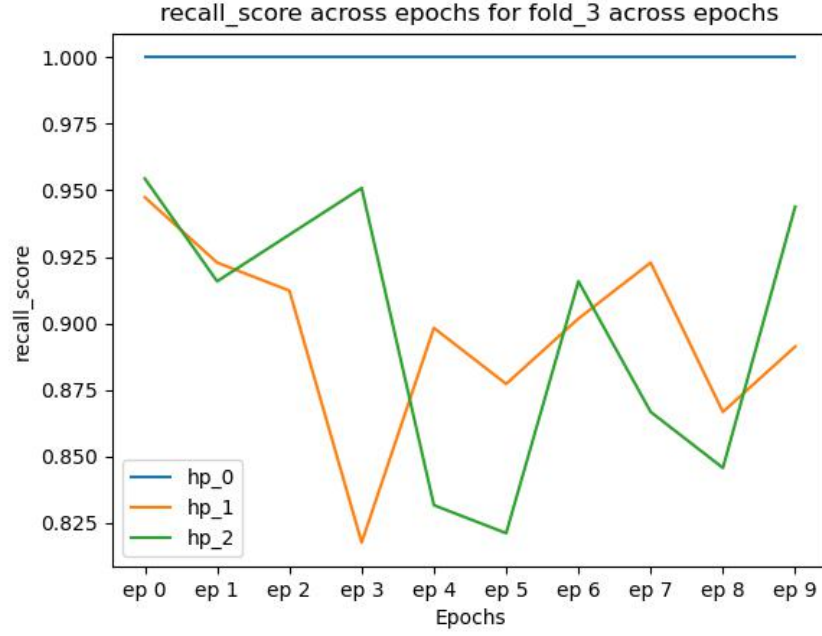
6.6 matthews_corrcoef

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hp_1	0.613	0.629	0.633	0.562	0.581	0.617	0.614	0.629	0.590	0.576
hp_2	0.570	0.662	0.608	0.611	0.630	0.607	0.669	0.638	0.663	0.622



6.7 recall_score

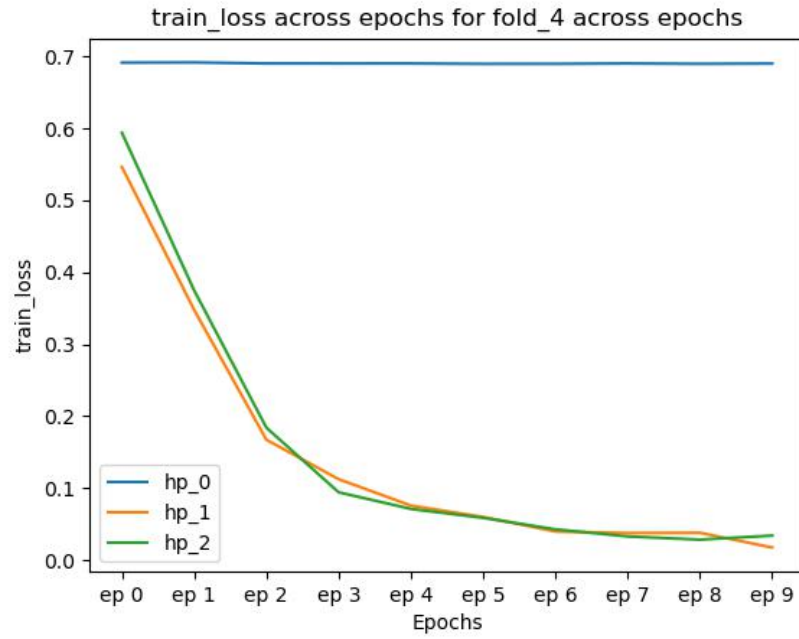
	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
hp_1	0.947	0.923	0.912	0.818	0.898	0.877	0.902	0.923	0.867	0.891
hp_2	0.954	0.916	0.933	0.951	0.832	0.821	0.916	0.867	0.846	0.944



7 fold_4

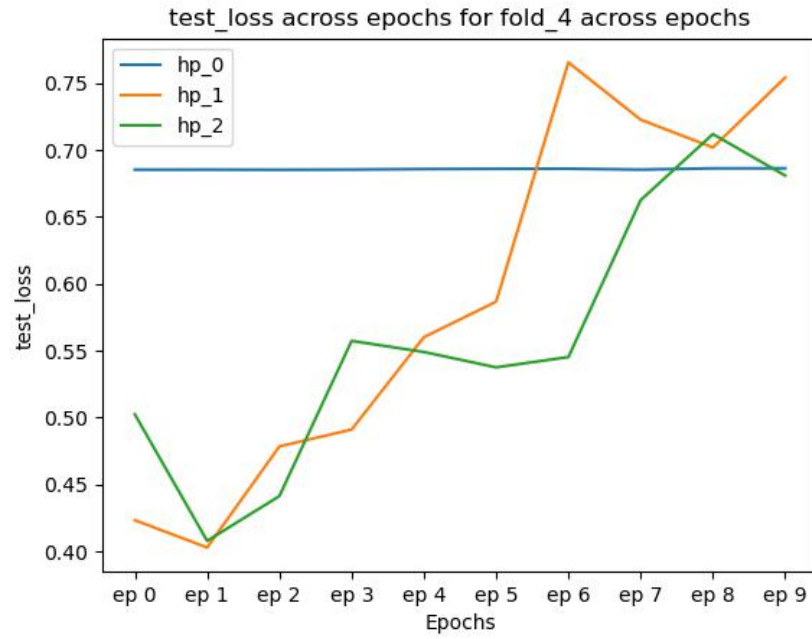
7.1 train_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.691	0.692	0.690	0.690	0.690	0.690	0.690	0.690	0.690	0.690
hp_1	0.546	0.348	0.167	0.113	0.076	0.060	0.040	0.038	0.038	0.018
hp_2	0.594	0.375	0.184	0.094	0.071	0.059	0.043	0.033	0.029	0.034



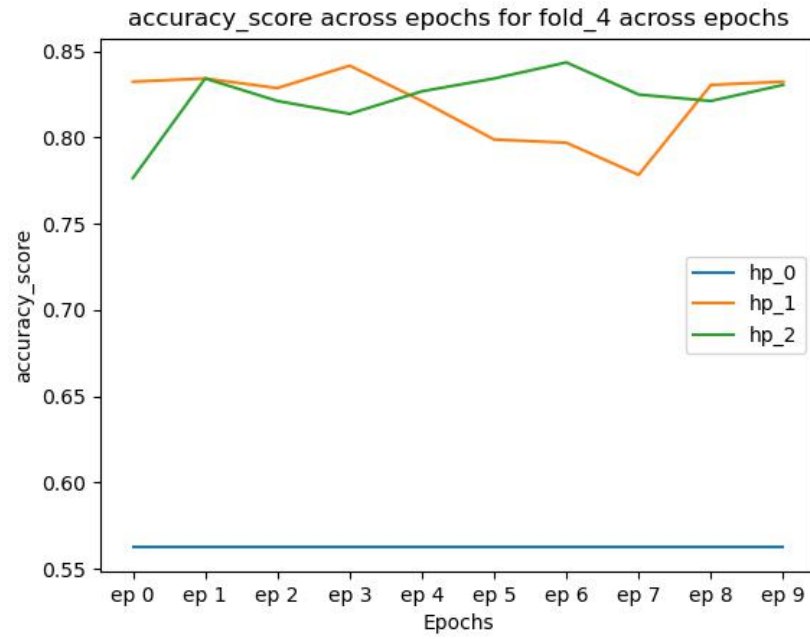
7.2 test_loss

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.685	0.685	0.685	0.685	0.686	0.686	0.686	0.685	0.686	0.686
hp_1	0.423	0.403	0.478	0.491	0.560	0.587	0.766	0.723	0.702	0.754
hp_2	0.502	0.408	0.441	0.557	0.549	0.538	0.545	0.663	0.712	0.681



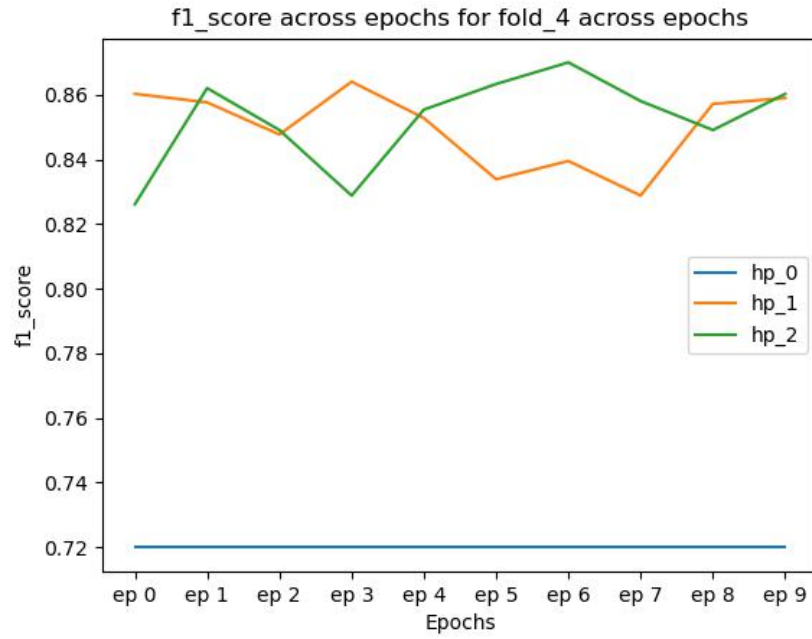
7.3 accuracy_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.562	0.562	0.562	0.562	0.562	0.562	0.562	0.562	0.562	0.562
hp_1	0.832	0.834	0.829	0.842	0.821	0.799	0.797	0.778	0.831	0.832
hp_2	0.777	0.834	0.821	0.814	0.827	0.834	0.844	0.825	0.821	0.831



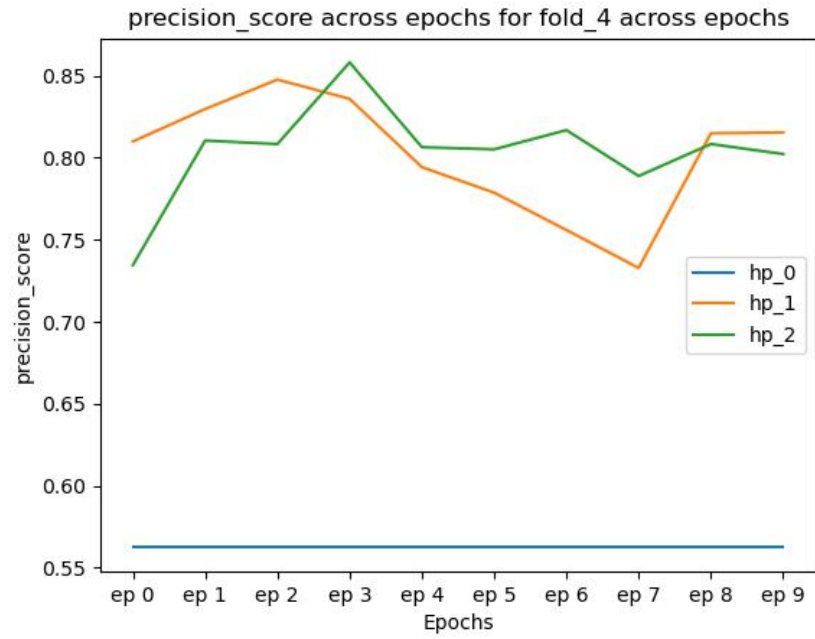
7.4 f1_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720
hp_1	0.860	0.858	0.848	0.864	0.853	0.834	0.839	0.829	0.857	0.859
hp_2	0.826	0.862	0.849	0.829	0.855	0.863	0.870	0.858	0.849	0.860



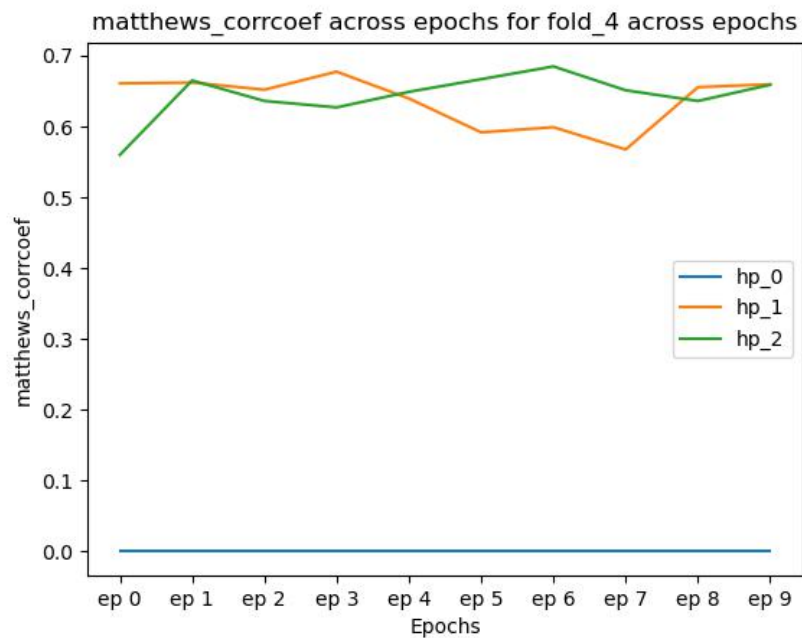
7.5 precision_score

	ep 0	ep 1	ep 2	ep 3	ep 4	ep 5	ep 6	ep 7	ep 8	ep 9
hp_0	0.562	0.562	0.562	0.562	0.562	0.562	0.562	0.562	0.562	0.562
hp_1	0.810	0.830	0.848	0.836	0.794	0.779	0.756	0.733	0.815	0.815
hp_2	0.735	0.810	0.808	0.858	0.806	0.805	0.817	0.789	0.808	0.802



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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
hp_1	0.661	0.662	0.652	0.677	0.640	0.592	0.599	0.568	0.656	0.660
hp_2	0.560	0.665	0.636	0.627	0.649	0.667	0.685	0.651	0.636	0.659



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	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
hp_1	0.917	0.887	0.848	0.894	0.921	0.897	0.944	0.954	0.904	0.907
hp_2	0.944	0.921	0.894	0.801	0.911	0.930	0.930	0.940	0.894	0.927

