

Time Period	Algorithm	Epochs	Batch Size	Optimiser	MSE	RMSE	MAPE	R- Square	Stop
2019 - 2024	LSTM	10	4	Adam	20.2870	4.5041	0.0202	0.9347	10
2019 - 2024	LSTM	10	8	Adam	19.1450	4.3755	0.0202	0.9384	10
2019 - 2024	LSTM	10	16	Adam	27.2918	5.2242	0.0242	0.9121	10
2019 - 2024	LSTM	10	32	Adam	48.8492	6.9892	0.0332	0.8427	10
2019 - 2024	LSTM	10	64	Adam	36.8049	6.0667	0.0280	0.8815	10
2019 - 2024	LSTM	25	4	Adam	20.5029	4.5280	0.0206	0.9340	25/25
2019 - 2024	LSTM	25	8	Adam	14.1695	3.7642	0.0170	0.9544	25
2019 - 2024	LSTM	25	16	Adam	18.2969	4.2775	0.0200	0.9411	25/25
2019 - 2024	LSTM	25	32	Adam	26.7868	5.1756	0.0244	0.9138	25/25
2019 - 2024	LSTM	25	64	Adam	41.7051	6.4580	0.0309	0.8657	25/25
2019 - 2024	LSTM	50	4	Adam	11.0151	3.3189	0.0143	0.9645	39/50
2019 - 2024	LSTM	50	8	Adam	12.6584	3.5579	0.0163	0.9592	47/50
2019 - 2024	LSTM	50	16	Adam	12.6539	3.5572	0.0160	0.9593	50/50
2019 - 2024	LSTM	50	32	Adam	13.9349	3.7329	0.0176	0.9551	50/50
2019 - 2024	LSTM	50	64	Adam	32.0810	5.6640	0.0264	0.8967	48/50
2019 - 2024	LSTM	100	4	Adam	17.8216	4.2216	0.0195	0.9426	26/100
2019 - 2024	LSTM	100	8	Adam	11.2099	3.3481	0.0141	0.9639	62/100
2019 - 2024	LSTM	100	16	Adam	9.7696	3.1256	0.0134	0.9685	78/100
2019 - 2024	LSTM	100	32	Adam	18.6933	4.3236	0.0197	0.9398	62/100
2019 - 2024	LSTM	100	64	Adam	27.5942	5.2530	0.0245	0.9112	41/100
2019 - 2024	LSTM	200	4	Adam	15.2852	3.9096	0.0175	0.9508	29/200
2019 - 2024	LSTM	200	8	Adam	16.1337	4.0167	0.0182	0.9481	38/200
2019 - 2024	LSTM	200	16	Adam	18.8407	4.3406	0.0201	0.9393	37/200
2019 - 2024	LSTM	200	32	Adam	29.9132	5.4693	0.0254	0.9037	39/200
2019 - 2024	LSTM	200	64	Adam	18.1433	4.2595	0.0199	0.9416	60/200
2019 - 2024	LSTM	10	4	Nadam	24.9181	4.9918	0.0229	0.9198	10.0000
2019 - 2024	LSTM	10	8	Nadam	23.1055	4.8068	0.0221	0.9256	10.0000

2019 - 2024	LSTM	10	16	Nadam	49.0203	7.0015	0.0332	0.8422	10.0000
2019 - 2024	LSTM	10	32	Nadam	50.9108	7.1352	0.0328	0.8361	10.0000
2019 - 2024	LSTM	10	64	Nadam	54.0863	7.3543	0.0351	0.8259	10.0000
2019 - 2024	LSTM	25	4	Nadam	16.2381	4.0297	0.0187	0.9477	25/25
2019 - 2024	LSTM	25	8	Nadam	18.6282	4.3160	0.0200	0.9400	25/25
2019 - 2024	LSTM	25	16	Nadam	15.2965	3.9111	0.0178	0.9508	25/25
2019 - 2024	LSTM	25	32	Nadam	19.0200	4.3612	0.0203	0.9388	25/25
2019 - 2024	LSTM	25	64	Nadam	26.5859	5.1562	0.0242	0.9144	25/25
2019 - 2024	LSTM	50	4	Nadam	13.8398	3.7202	0.0168	0.9554	36/50
2019 - 2024	LSTM	50	8	Nadam	13.6848	3.6993	0.0171	0.9559	33/50
2019 - 2024	LSTM	50	16	Nadam	12.1548	3.4864	0.0150	0.9609	50/50
2019 - 2024	LSTM	50	32	Nadam	20.4772	4.5252	0.0215	0.9341	43/50
2019 - 2024	LSTM	50	64	Nadam	33.2185	5.7635	0.0273	0.8931	47/50
2019 - 2024	LSTM	100	4	Nadam	17.2822	4.1572	0.0178	0.9444	42/100
2019 - 2024	LSTM	100	8	Nadam	14.9910	3.8718	0.0168	0.9517	50/100
2019 - 2024	LSTM	100	16	Nadam	12.2240	3.4963	0.0151	0.9606	76/100
2019 - 2024	LSTM	100	32	Nadam	13.1590	3.6275	0.0166	0.9576	100/100
2019 - 2024	LSTM	100	64	Nadam	26.9010	5.1866	0.0242	0.9134	44/100
2019 - 2024	LSTM	200	4	Nadam	12.6361	3.5547	0.0161	0.9593	34/200
2019 - 2024	LSTM	200	8	Nadam	14.4749	3.8046	0.0176	0.9534	56/200
2019 - 2024	LSTM	200	16	Nadam	12.7695	3.5734	0.0154	0.9589	72/200
2019 - 2024	LSTM	200	32	Nadam	19.6441	4.4322	0.0208	0.9368	42/200
2019 - 2024	LSTM	200	64	Nadam	25.4144	5.0413	0.0230	0.9182	57/200
2019 - 2024	LSTM	10	4	RMSProp	19.7985	4.4495	0.0202	0.9363	10.0000
2019 - 2024	LSTM	10	8	RMSProp	25.3772	5.0376	0.0232	0.9183	10.0000
2019 - 2024	LSTM	10	16	RMSProp	17.6337	4.1993	0.0193	0.9432	10.0000
2019 - 2024	LSTM	10	32	RMSProp	31.4020	5.6038	0.0255	0.8989	10.0000
2019 - 2024	LSTM	10	64	RMSProp	62.6340	7.9142	0.0364	0.7983	10.0000

2019 - 2024	LSTM	25	4	RMSProp	13.0889	3.6179	0.0162	0.9579	25.0000
2019 - 2024	LSTM	25	8	RMSProp	19.7223	4.4410	0.0200	0.9365	25.0000
2019 - 2024	LSTM	25	16	RMSProp	24.8033	4.9803	0.0235	0.9201	25.0000
2019 - 2024	LSTM	25	32	RMSProp	15.2140	3.9005	0.0181	0.9510	25.0000
2019 - 2024	LSTM	25	64	RMSProp	22.8049	4.7754	0.0219	0.9266	25.0000
2019 - 2024	LSTM	50	4	RMSProp	16.5033	4.0624	0.0174	0.9469	39/50
2019 - 2024	LSTM	50	8	RMSProp	12.3676	3.5168	0.0153	0.9602	50/50
2019 - 2024	LSTM	50	16	RMSProp	11.2876	3.3597	0.0148	0.9637	50/50
2019 - 2024	LSTM	50	32	RMSProp	13.5172	3.6766	0.0171	0.9565	50/50
2019 - 2024	LSTM	50	64	RMSProp	16.4704	4.0584	0.0190	0.9470	50/50
2019 - 2024	LSTM	100	4	RMSProp	15.3431	3.9170	0.0172	0.9506	43/100
2019 - 2024	LSTM	100	8	RMSProp	14.2201	3.7709	0.0164	0.9542	45/100
2019 - 2024	LSTM	100	16	RMSProp	11.4412	3.3825	0.0148	0.9632	71/100
2019 - 2024	LSTM	100	32	RMSProp	11.2018	3.3469	0.0148	0.9639	100/100
2019 - 2024	LSTM	100	64	RMSProp	16.5735	4.0711	0.0193	0.9466	60/100
2019 - 2024	LSTM	200	4	RMSProp	13.5636	3.6829	0.0167	0.9563	43/200
2019 - 2024	LSTM	200	8	RMSProp	11.8111	3.4367	0.0152	0.9620	37/200
2019 - 2024	LSTM	200	16	RMSProp	11.6509	3.4133	0.0154	0.9625	75/200
2019 - 2024	LSTM	200	32	RMSProp	10.0014	3.1625	0.0137	0.9678	114/200
2019 - 2024	LSTM	200	64	RMSProp	11.9916	3.4629	0.0158	0.9614	100/200
2019 - 2024	GRU	10	4	Adam	13.7893	3.7134	0.0163	0.9556	10
2019 - 2024	GRU	10	8	Adam	12.5315	3.5400	0.0160	0.9597	10
2019 - 2024	GRU	10	16	Adam	14.9961	3.8725	0.0181	0.9517	10
2019 - 2024	GRU	10	32	Adam	21.5657	4.6439	0.0209	0.9306	10
2019 - 2024	GRU	10	64	Adam	22.3789	4.7306	0.0221	0.9280	10
2019 - 2024	GRU	25	4	Adam	14.2111	3.7698	0.0157	0.9542	25/25
2019 - 2024	GRU	25	8	Adam	11.2207	3.3497	0.0150	0.9639	25/25
2019 - 2024	GRU	25	16	Adam	11.6189	3.4086	0.0152	0.9626	25/25

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2019 - 2024	GRU	50	4	Nadam	12.8189	3.5803	0.0159	0.9587	25/50
2019 - 2024	GRU	50	8	Nadam	12.5630	3.5444	0.0156	0.9596	39/50
2019 - 2024	GRU	50	16	Nadam	9.7628	3.1246	0.0135	0.9686	50/50
2019 - 2024	GRU	50	32	Nadam	14.8612	3.8550	0.0173	0.9522	37/50
2019 - 2024	GRU	50	64	Nadam	12.6473	3.5563	0.0159	0.9593	49/50
2019 - 2024	GRU	100	4	Nadam	13.3370	3.6520	0.0162	0.9571	33/100
2019 - 2024	GRU	100	8	Nadam	11.1874	3.3448	0.0145	0.9640	46/100
2019 - 2024	GRU	100	16	Nadam	11.9523	3.4572	0.0155	0.9615	36/100
2019 - 2024	GRU	100	32	Nadam	11.1677	3.3418	0.0145	0.9640	72/100
2019 - 2024	GRU	100	64	Nadam	12.8297	3.5819	0.0161	0.9587	60/100
2019 - 2024	GRU	200	4	Nadam	12.2529	3.5004	0.0157	0.9606	31/200
2019 - 2024	GRU	200	8	Nadam	11.8895	3.4481	0.0149	0.9617	39/200
2019 - 2024	GRU	200	16	Nadam	11.8964	3.4491	0.0152	0.9617	39/200
2019 - 2024	GRU	200	32	Nadam	10.4513	3.2328	0.0147	0.9664	69/200
2019 - 2024	GRU	200	64	Nadam	8.9901	2.9983	0.0129	0.9711	83/200
2019 - 2024	GRU	10	4	RMSProp	13.1327	3.6239	0.0157	0.9577	10.0000
2019 - 2024	GRU	10	8	RMSProp	10.8104	3.2879	0.0145	0.9652	10.0000
2019 - 2024	GRU	10	16	RMSProp	13.4099	3.6619	0.0163	0.9568	10.0000
2019 - 2024	GRU	10	32	RMSProp	14.1645	3.7636	0.0175	0.9544	10.0000
2019 - 2024	GRU	10	64	RMSProp	15.7943	3.9742	0.0181	0.9491	10.0000
2019 - 2024	GRU	25	4	RMSProp	12.6258	3.5533	0.0157	0.9594	25.0000
2019 - 2024	GRU	25	8	RMSProp	11.4526	3.3842	0.0148	0.9631	25.0000
2019 - 2024	GRU	25	16	RMSProp	10.5321	3.2453	0.0141	0.9661	25.0000
2019 - 2024	GRU	25	32	RMSProp	11.9366	3.4549	0.0155	0.9616	25.0000
2019 - 2024	GRU	25	64	RMSProp	11.4442	3.3829	0.0151	0.9632	25.0000
2019 - 2024	GRU	50	4	RMSProp	13.9503	3.7350	0.0169	0.9551	21/50
2019 - 2024	GRU	50	8	RMSProp	11.4444	3.3830	0.0150	0.9632	28/50
2019 - 2024	GRU	50	16	RMSProp	10.5449	3.2473	0.0141	0.9661	50/50

2019 - 2024	GRU	50	32	RMSProp	10.2859	3.2072	0.0140	0.9669	50/50
2019 - 2024	GRU	50	64	RMSProp	10.1198	3.1812	0.0138	0.9674	50/50
2019 - 2024	GRU	100	4	RMSProp	13.8341	3.7194	0.0163	0.9555	29/100
2019 - 2024	GRU	100	8	RMSProp	13.1613	3.6279	0.0160	0.9576	27/100
2019 - 2024	GRU	100	16	RMSProp	10.3590	3.2185	0.0139	0.9666	39/100
2019 - 2024	GRU	100	32	RMSProp	9.3436	3.0567	0.0133	0.9699	76/100
2019 - 2024	GRU	100	64	RMSProp	8.8555	2.9758	0.0129	0.9715	100/100
2019 - 2024	GRU	200	4	RMSProp	13.1176	3.6218	0.0162	0.9578	34/200
2019 - 2024	GRU	200	8	RMSProp	13.0104	3.6070	0.0169	0.9581	42/200
2019 - 2024	GRU	200	16	RMSProp	10.0806	3.1750	0.0135	0.9675	40/200
2019 - 2024	GRU	200	32	RMSProp	9.6639	3.1087	0.0137	0.9689	55/200
2019 - 2024	GRU	200	64	RMSProp	9.8580	3.1397	0.0136	0.9683	72/200
2019 - 2024	CNN	10	4	Adam	26.9661	5.1929	0.0247	0.9132	
2019 - 2024	CNN	10	8	Adam	35.6283	5.9689	0.0294	0.8853	
2019 - 2024	CNN	10	16	Adam	40.6727	6.3775	0.0312	0.8691	10
2019 - 2024	CNN	10	32	Adam	37.4637	6.1208	0.0298	0.8794	10
2019 - 2024	CNN	10	64	Adam	73.1876	8.5550	0.0422	0.7644	10
2019 - 2024	CNN	25	4	Adam	27.2612	5.2212	0.0251	0.9122	25/25
2019 - 2024	CNN	25	8	Adam	27.9835	5.2899	0.0256	0.9099	25/25
2019 - 2024	CNN	25	16	Adam	35.6598	5.9716	0.0287	0.8852	25/25
2019 - 2024	CNN	25	32	Adam	38.2340	6.1834	0.0287	0.8769	25/25
2019 - 2024	CNN	25	64	Adam	43.9263	6.6277	0.0315	0.8586	25/25
2019 - 2024	CNN	50	4	Adam	25.2474	5.0247	0.0240	0.9187	41/50
2019 - 2024	CNN	50	8	Adam	25.8040	5.0798	0.0239	0.9169	50/50
2019 - 2024	CNN	50	16	Adam	26.2002	5.1186	0.0241	0.9156	44/50
2019 - 2024	CNN	50	32	Adam	28.5972	5.3476	0.0266	0.9079	50/50
2019 - 2024	CNN	50	64	Adam	30.1471	5.4906	0.0260	0.9029	50/50
2019 - 2024	CNN	100	4	Adam	27.9604	5.2878	0.0254	0.9100	46/100

2019 - 2024	CNN	100	8	Adam	25.3988	5.0397	0.0244	0.9182	61/100
2019 - 2024	CNN	100	16	Adam	28.8700	5.3731	0.0258	0.9071	52/100
2019 - 2024	CNN	100	32	Adam	28.1193	5.3028	0.0257	0.9095	50/100
2019 - 2024	CNN	100	64	Adam	33.8800	5.8207	0.0275	0.8909	47/100
2019 - 2024	CNN	200	4	Adam	24.9367	4.9937	0.0240	0.9197	53/200
2019 - 2024	CNN	200	8	Adam	27.4973	5.2438	0.0246	0.9115	43/200
2019 - 2024	CNN	200	16	Adam	23.7517	4.8736	0.0235	0.9235	63/200
2019 - 2024	CNN	200	32	Adam	28.8779	5.3738	0.0263	0.9070	46/200
2019 - 2024	CNN	200	64	Adam	34.3095	5.8574	0.0274	0.8895	55/200
2019 - 2024	CNN	10	4	Nadam	49.8829	7.0628	0.0380	0.8394	10.0000
2019 - 2024	CNN	10	8	Nadam	32.9772	5.7426	0.0273	0.8938	
2019 - 2024	CNN	10	16	Nadam	42.8027	6.5424	0.0315	0.8622	10.0000
2019 - 2024	CNN	10	32	Nadam	41.7378	6.4605	0.0316	0.8656	10.0000
2019 - 2024	CNN	10	64	Nadam	42.0398	6.4838	0.0317	0.8647	10.0000
2019 - 2024	CNN	25	4	Nadam	30.4706	5.5200	0.0276	0.9019	25/25
2019 - 2024	CNN	25	8	Nadam	29.4823	5.4298	0.0268	0.9051	25/25
2019 - 2024	CNN	25	16	Nadam	34.2760	5.8546	0.0275	0.8896	25/25
2019 - 2024	CNN	25	32	Nadam	32.5771	5.7076	0.0278	0.8951	25/25
2019 - 2024	CNN	25	64	Nadam	39.0218	6.2467	0.0291	0.8744	25/25
2019 - 2024	CNN	50	4	Nadam	28.1808	5.3086	0.0254	0.9093	37/50
2019 - 2024	CNN	50	8	Nadam	29.2236	5.4059	0.0266	0.9059	46/50
2019 - 2024	CNN	50	16	Nadam	29.0102	5.3861	0.0263	0.9066	36/50
2019 - 2024	CNN	50	32	Nadam	32.9970	5.7443	0.0278	0.8938	50/50
2019 - 2024	CNN	50	64	Nadam	25.7463	5.0741	0.0242	0.9171	50/50
2019 - 2024	CNN	100	4	Nadam	29.2498	5.4083	0.0253	0.9058	44/100
2019 - 2024	CNN	100	8	Nadam	26.6263	5.1601	0.0247	0.9143	55/100
2019 - 2024	CNN	100	16	Nadam	31.2112	5.5867	0.0273	0.8995	30/100
2019 - 2024	CNN	100	32	Nadam	25.1126	5.0113	0.0244	0.9191	100/100

2019 - 2024	CNN	100	64	Nadam	34.3119	5.8576	0.0283	0.8895	57/100
2019 - 2024	CNN	200	4	Nadam	25.7905	5.0784	0.0242	0.9170	37/200
2019 - 2024	CNN	200	8	Nadam	24.2104	4.9204	0.0227	0.9221	79/200
2019 - 2024	CNN	200	16	Nadam	23.6934	4.8676	0.0242	0.9237	51/200
2019 - 2024	CNN	200	32	Nadam	40.0401	6.3277	0.0296	0.8711	35/200
2019 - 2024	CNN	200	64	Nadam	28.0944	5.3004	0.0256	0.9095	93/200
2019 - 2024	CNN	10	4	RMSProp	26.9112	5.1876	0.0244	0.9134	10.0000
2019 - 2024	CNN	10	8	RMSProp	37.6446	6.1355	0.0295	0.8788	10.0000
2019 - 2024	CNN	10	16	RMSProp	37.4796	6.1221	0.0297	0.8793	10.0000
2019 - 2024	CNN	10	32	RMSProp	40.1941	6.3399	0.0303	0.8706	10.0000
2019 - 2024	CNN	10	64	RMSProp	49.4841	7.0345	0.0333	0.8407	10.0000
2019 - 2024	CNN	25	4	RMSProp	27.8493	5.2772	0.0262	0.9103	25.0000
2019 - 2024	CNN	25	8	RMSProp	25.8517	5.0845	0.0245	0.9168	25.0000
2019 - 2024	CNN	25	16	RMSProp	33.9001	5.8224	0.0275	0.8909	25.0000
2019 - 2024	CNN	25	32	RMSProp	32.4697	5.6982	0.0274	0.8955	25.0000
2019 - 2024	CNN	25	64	RMSProp	36.9487	6.0785	0.0288	0.8810	25.0000
2019 - 2024	CNN	50	4	RMSProp	26.3882	5.1369	0.0233	0.9150	37/50
2019 - 2024	CNN	50	8	RMSProp	28.5771	5.3458	0.0250	0.9080	31/50
2019 - 2024	CNN	50	16	RMSProp	29.6721	5.4472	0.0265	0.9045	46/50
2019 - 2024	CNN	50	32	RMSProp	46.8427	6.8442	0.0330	0.8492	27/50
2019 - 2024	CNN	50	64	RMSProp	26.4331	5.1413	0.0252	0.9149	50/50
2019 - 2024	CNN	100	4	RMSProp	25.3561	5.0355	0.0243	0.9184	29/100
2019 - 2024	CNN	100	8	RMSProp	26.8128	5.1781	0.0235	0.9135	43/100
2019 - 2024	CNN	100	16	RMSProp	28.4346	5.3324	0.0258	0.9085	37/100
2019 - 2024	CNN	100	32	RMSProp	34.9162	5.9090	0.0287	0.8876	42/100
2019 - 2024	CNN	100	64	RMSProp	33.9046	5.8228	0.0284	0.8909	38/100
2019 - 2024	CNN	200	4	RMSProp	28.6867	5.3560	0.0256	0.9076	39/200

2019 - 2024	CNN	200	8	RMSProp	23.3435	4.8315	0.0229	0.9248	33/200
2019 - 2024	CNN	200	16	RMSProp	33.3784	5.7774	0.0274	0.8925	30/200
2019 - 2024	CNN	200	32	RMSProp	24.3260	4.9321	0.0243	0.9217	38/200
2019 - 2024	CNN	200	64	RMSProp	35.2264	5.9352	0.0280	0.8866	33/200
2019 - 2024	FFNN	10	4	Adam	174.3652	13.2047	0.0689	0.4386	45940
2019 - 2024	FFNN	10	8	Adam	52.1904	7.2243	0.0349	0.8320	10
2019 - 2024	FFNN	10	16	Adam	184.5274	13.5841	0.0649	0.4059	10
2019 - 2024	FFNN	10	32	Adam	156.9833	12.5293	0.0618	0.4946	10
2019 - 2024	FFNN	10	64	Adam	199.2947	14.1172	0.0674	0.3584	10
2019 - 2024	FFNN	25	4	Adam	25.2796	5.0279	0.0240	0.9186	25/25
2019 - 2024	FFNN	25	8	Adam	59.0358	7.6835	0.0375	0.8099	25/25
2019 - 2024	FFNN	25	16	Adam	51.8137	7.1982	0.0347	0.8332	25/25
2019 - 2024	FFNN	25	32	Adam	62.2341	7.8889	0.0391	0.7996	25/25
2019 - 2024	FFNN	25	64	Adam	270.6998	16.4530	0.0798	0.1285	24/25
2019 - 2024	FFNN	50	4	Adam	26.3682	5.1350	0.0249	0.9151	50/50
2019 - 2024	FFNN	50	8	Adam	23.9427	4.8931	0.0225	0.9229	50/50
2019 - 2024	FFNN	50	16	Adam	26.4190	5.1399	0.0252	0.9149	50/50
2019 - 2024	FFNN	50	32	Adam	26.6244	5.1599	0.0242	0.9143	50/50
2019 - 2024	FFNN	50	64	Adam	40.7383	6.3827	0.0313	0.8688	50/50
2019 - 2024	FFNN	100	4	Adam	23.3128	4.8283	0.0228	0.9249	66/100
2019 - 2024	FFNN	100	8	Adam	20.0894	4.4821	0.0210	0.9353	100/100
2019 - 2024	FFNN	100	16	Adam	21.8102	4.6701	0.0221	0.9298	100/100
2019 - 2024	FFNN	100	32	Adam	23.1118	4.8075	0.0228	0.9256	100/100
2019 - 2024	FFNN	100	64	Adam	132.2057	11.4981	0.0552	0.5744	23/100
2019 - 2024	FFNN	200	4	Adam	27.2316	5.2184	0.0261	0.9123	70/200
2019 - 2024	FFNN	200	8	Adam	22.5691	4.7507	0.0228	0.9273	88/200
2019 - 2024	FFNN	200	16	Adam	23.4071	4.8381	0.0224	0.9246	78/200
2019 - 2024	FFNN	200	32	Adam	20.8826	4.5697	0.0211	0.9328	165/200
2019 - 2024	FFNN	200	64	Adam	169.1302	13.0050	0.0649	0.4555	22/200

2019 - 2024	FFNN	10	4	Nadam	63.2089	7.9504	0.0378	0.7965	10.0000
2019 - 2024	FFNN	10	8	Nadam	128.4749	11.3347	0.0553	0.5864	10.0000
2019 - 2024	FFNN	10	16	Nadam	191.1191	13.8246	0.0653	0.3847	10.0000
2019 - 2024	FFNN	10	32	Nadam	84.4829	9.1915	0.0436	0.7280	10.0000
2019 - 2024	FFNN	10	64	Nadam	161.0105	12.6890	0.0593	0.4816	10.0000
2019 - 2024	FFNN	25	4	Nadam	28.6571	5.3532	0.0261	0.9077	25/25
2019 - 2024	FFNN	25	8	Nadam	33.6158	5.7979	0.0281	0.8918	25/25
2019 - 2024	FFNN	25	16	Nadam	31.4756	5.6103	0.0268	0.8987	25/25
2019 - 2024	FFNN	25	32	Nadam	59.9784	7.7446	0.0385	0.8069	25/25
2019 - 2024	FFNN	25	64	Nadam	199.7841	14.1345	0.0693	0.3568	22/25
2019 - 2024	FFNN	50	4	Nadam	24.1497	4.9142	0.0239	0.9222	50/50
2019 - 2024	FFNN	50	8	Nadam	24.2416	4.9236	0.0243	0.9220	50/50
2019 - 2024	FFNN	50	16	Nadam	28.5558	5.3438	0.0262	0.9081	50/50
2019 - 2024	FFNN	50	32	Nadam	32.7425	5.7221	0.0285	0.8946	50/50
2019 - 2024	FFNN	50	64	Nadam	164.2758	12.8170	0.0609	0.4711	21/50
2019 - 2024	FFNN	100	4	Nadam	25.0140	5.0014	0.0243	0.9195	50/100
2019 - 2024	FFNN	100	8	Nadam	26.4555	5.1435	0.0245	0.9148	49/100
2019 - 2024	FFNN	100	16	Nadam	21.8263	4.6719	0.0227	0.9297	100/100
2019 - 2024	FFNN	100	32	Nadam	111.6861	10.5682	0.0510	0.6404	21/100
2019 - 2024	FFNN	100	64	Nadam	60.8753	7.8023	0.0371	0.8040	45/100
2019 - 2024	FFNN	200	4	Nadam	30.1958	5.4951	0.0256	0.9028	45/200
2019 - 2024	FFNN	200	8	Nadam	24.3082	4.9303	0.0236	0.9217	88/200
2019 - 2024	FFNN	200	16	Nadam	20.5588	4.5342	0.0214	0.9338	76/200
2019 - 2024	FFNN	200	32	Nadam	106.5444	10.3220	0.0511	0.6570	22/200
2019 - 2024	FFNN	200	64	Nadam	25.2891	5.0288	0.0242	0.9186	111/200
2019 - 2024	FFNN	10	4	RMSProp	85.3331	9.2376	0.0428	0.7253	10.0000
2019 - 2024	FFNN	10	8	RMSProp	55.5114	7.4506	0.0372	0.8213	10.0000

[illegible]

