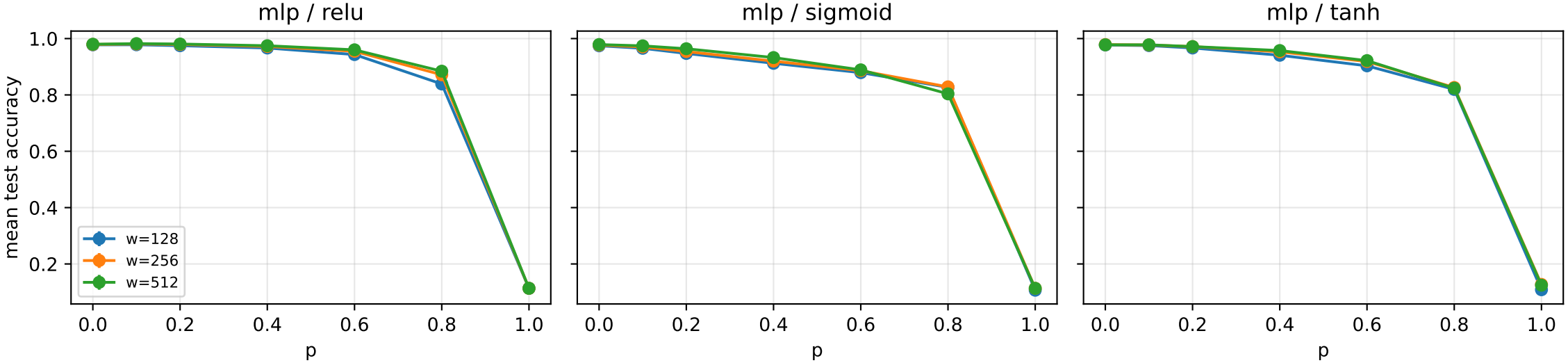
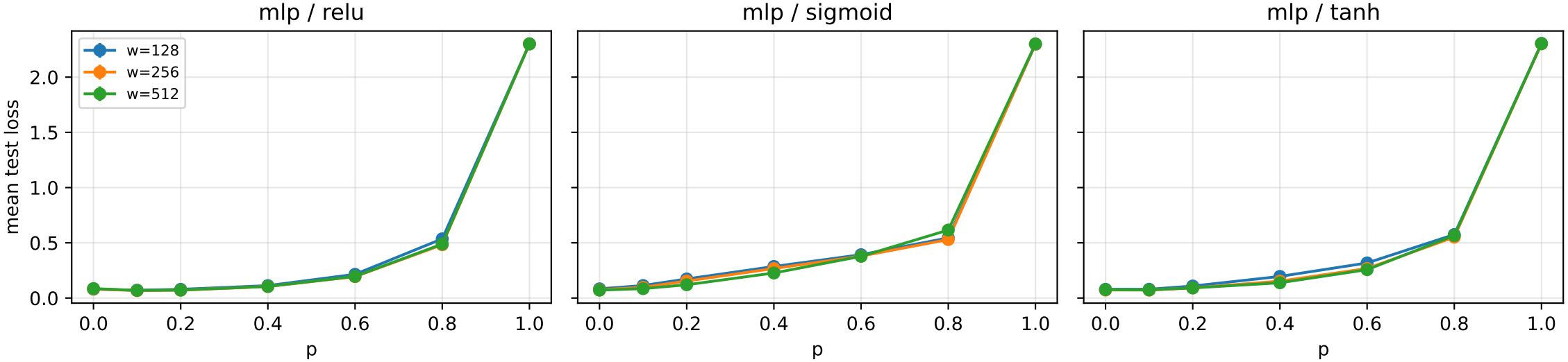
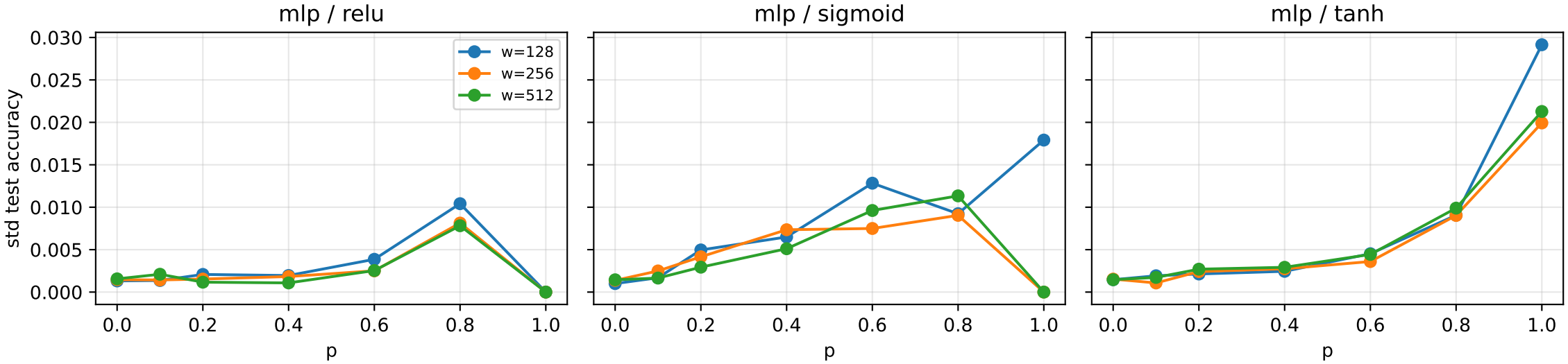

mlp / relu
mlp / sigmoid
mlp / tanh
mean test accuracy
1.0
0.8
0.6
0.4
0.2
w=128
w=256
w=512
0.0
0.2
0.4
0.6
0.8
1.0
p


mlp / relu
mlp / sigmoid
mlp / tanh
w=128
w=256
w=512
mean test loss
0.0
0.5
1.0
1.5
2.0
0.0
0.2
0.4
0.6
0.8
1.0
p


mlp / relu
mlp / sigmoid
mlp / tanh
std test accuracy
0.030
0.025
0.020
0.015
0.010
0.005
0.000
w=128
w=256
w=512
0.0
0.2
0.4
0.6
0.8
1.0
p

Results Summary

activation	model_type	perturbation_mo	p	sigma	mlp_width	repeats	mean_test_accu	std_test_accu	stderr_test_accu	mean_test_loss	std_test_loss	stderr_test_loss
relu	mlp	replacement	0.000	0.000	128	20	0.9778	0.0013	0.0003	0.0803	0.0050	0.0011
relu	mlp	replacement	0.100	0.000	128	20	0.9781	0.0014	0.0003	0.0706	0.0035	0.0008
relu	mlp	replacement	0.200	0.000	128	20	0.9748	0.0021	0.0005	0.0789	0.0062	0.0014
relu	mlp	replacement	0.400	0.000	128	20	0.9666	0.0020	0.0004	0.1125	0.0067	0.0015
relu	mlp	replacement	0.600	0.000	128	20	0.9433	0.0039	0.0009	0.2148	0.0105	0.0024
relu	mlp	replacement	0.800	0.000	128	20	0.8389	0.0104	0.0023	0.5361	0.0325	0.0073
relu	mlp	replacement	1.000	0.000	128	20	0.1135	0.0000	0.0000	2.3011	0.0003	0.0001
relu	mlp	replacement	0.000	0.000	256	20	0.9790	0.0015	0.0003	0.0824	0.0048	0.0011
relu	mlp	replacement	0.100	0.000	256	20	0.9808	0.0014	0.0003	0.0671	0.0049	0.0011
relu	mlp	replacement	0.200	0.000	256	20	0.9791	0.0015	0.0003	0.0713	0.0048	0.0011
relu	mlp	replacement	0.400	0.000	256	20	0.9720	0.0018	0.0004	0.1048	0.0084	0.0019
relu	mlp	replacement	0.600	0.000	256	20	0.9549	0.0025	0.0006	0.1938	0.0118	0.0026
relu	mlp	replacement	0.800	0.000	256	20	0.8715	0.0081	0.0018	0.4825	0.0255	0.0057
relu	mlp	replacement	1.000	0.000	256	20	0.1135	0.0000	0.0000	2.3009	0.0003	0.0001
relu	mlp	replacement	0.000	0.000	512	20	0.9799	0.0016	0.0003	0.0858	0.0084	0.0019
relu	mlp	replacement	0.100	0.000	512	20	0.9821	0.0021	0.0005	0.0692	0.0088	0.0020
relu	mlp	replacement	0.200	0.000	512	20	0.9807	0.0012	0.0003	0.0721	0.0052	0.0012
relu	mlp	replacement	0.400	0.000	512	20	0.9746	0.0011	0.0002	0.1047	0.0063	0.0014
relu	mlp	replacement	0.600	0.000	512	20	0.9601	0.0025	0.0006	0.1958	0.0112	0.0025
relu	mlp	replacement	0.800	0.000	512	20	0.8842	0.0078	0.0017	0.4887	0.0328	0.0073
relu	mlp	replacement	1.000	0.000	512	20	0.1135	0.0000	0.0000	2.3009	0.0003	0.0001
sigmoid	mlp	replacement	0.000	0.000	128	20	0.9745	0.0010	0.0002	0.0835	0.0026	0.0006
sigmoid	mlp	replacement	0.100	0.000	128	20	0.9655	0.0017	0.0004	0.1133	0.0054	0.0012
sigmoid	mlp	replacement	0.200	0.000	128	20	0.9472	0.0050	0.0011	0.1729	0.0164	0.0037
sigmoid	mlp	replacement	0.400	0.000	128	20	0.9122	0.0065	0.0015	0.2858	0.0202	0.0045
sigmoid	mlp	replacement	0.600	0.000	128	20	0.8791	0.0128	0.0029	0.3924	0.0362	0.0081
sigmoid	mlp	replacement	0.800	0.000	128	20	0.8269	0.0092	0.0021	0.5447	0.0222	0.0050
sigmoid	mlp	replacement	1.000	0.000	128	20	0.1068	0.0179	0.0040	2.2980	0.0020	0.0004
sigmoid	mlp	replacement	0.000	0.000	256	20	0.9772	0.0014	0.0003	0.0744	0.0035	0.0008
sigmoid	mlp	replacement	0.100	0.000	256	20	0.9704	0.0025	0.0006	0.0971	0.0083	0.0018
sigmoid	mlp	replacement	0.200	0.000	256	20	0.9540	0.0042	0.0009	0.1541	0.0149	0.0033
sigmoid	mlp	replacement	0.400	0.000	256	20	0.9199	0.0073	0.0016	0.2674	0.0252	0.0056
sigmoid	mlp	replacement	0.600	0.000	256	20	0.8859	0.0075	0.0017	0.3796	0.0242	0.0054
sigmoid	mlp	replacement	0.800	0.000	256	20	0.8286	0.0090	0.0020	0.5297	0.0183	0.0041
sigmoid	mlp	replacement	1.000	0.000	256	20	0.1135	0.0000	0.0000	2.2987	0.0010	0.0002
sigmoid	mlp	replacement	0.000	0.000	512	20	0.9788	0.0014	0.0003	0.0713	0.0041	0.0009
sigmoid	mlp	replacement	0.100	0.000	512	20	0.9742	0.0017	0.0004	0.0852	0.0063	0.0014
sigmoid	mlp	replacement	0.200	0.000	512	20	0.9639	0.0029	0.0007	0.1203	0.0104	0.0023
sigmoid	mlp	replacement	0.400	0.000	512	20	0.9326	0.0051	0.0011	0.2267	0.0184	0.0041
sigmoid	mlp	replacement	0.600	0.000	512	20	0.8890	0.0096	0.0021	0.3777	0.0378	0.0085
sigmoid	mlp	replacement	0.800	0.000	512	20	0.8038	0.0113	0.0025	0.6155	0.0384	0.0086
sigmoid	mlp	replacement	1.000	0.000	512	20	0.1135	0.0000	0.0000	2.3007	0.0002	0.0000
tanh	mlp	replacement	0.000	0.000	128	20	0.9772	0.0015	0.0003	0.0792	0.0043	0.0010
tanh	mlp	replacement	0.100	0.000	128	20	0.9751	0.0019	0.0004	0.0796	0.0066	0.0015
tanh	mlp	replacement	0.200	0.000	128	20	0.9666	0.0021	0.0005	0.1087	0.0072	0.0016
tanh	mlp	replacement	0.400	0.000	128	20	0.9408	0.0024	0.0005	0.1958	0.0093	0.0021
tanh	mlp	replacement	0.600	0.000	128	20	0.9033	0.0045	0.0010	0.3177	0.0143	0.0032
tanh	mlp	replacement	0.800	0.000	128	20	0.8196	0.0091	0.0020	0.5747	0.0177	0.0040
tanh	mlp	replacement	1.000	0.000	128	20	0.1085	0.0291	0.0065	2.3051	0.0028	0.0006
tanh	mlp	replacement	0.000	0.000	256	20	0.9787	0.0015	0.0003	0.0730	0.0053	0.0012
tanh	mlp	replacement	0.100	0.000	256	20	0.9772	0.0011	0.0002	0.0723	0.0033	0.0007
tanh	mlp	replacement	0.200	0.000	256	20	0.9715	0.0024	0.0005	0.0918	0.0071	0.0016
tanh	mlp	replacement	0.400	0.000	256	20	0.9530	0.0027	0.0006	0.1530	0.0093	0.0021
tanh	mlp	replacement	0.600	0.000	256	20	0.9184	0.0036	0.0008	0.2675	0.0102	0.0023
tanh	mlp	replacement	0.800	0.000	256	20	0.8265	0.0090	0.0020	0.5515	0.0175	0.0039
tanh	mlp	replacement	1.000	0.000	256	20	0.1273	0.0199	0.0045	2.3021	0.0026	0.0006
tanh	mlp	replacement	0.000	0.000	512	20	0.9779	0.0015	0.0003	0.0755	0.0058	0.0013
tanh	mlp	replacement	0.100	0.000	512	20	0.9779	0.0017	0.0004	0.0733	0.0065	0.0014
tanh	mlp	replacement	0.200	0.000	512	20	0.9717	0.0027	0.0006	0.0915	0.0090	0.0020
tanh	mlp	replacement	0.400	0.000	512	20	0.9575	0.0029	0.0007	0.1381	0.0100	0.0022
tanh	mlp	replacement	0.600	0.000	512	20	0.9218	0.0044	0.0010	0.2570	0.0124	0.0028
tanh	mlp	replacement	0.800	0.000	512	20	0.8238	0.0099	0.0022	0.5658	0.0215	0.0048
tanh	mlp	replacement	1.000	0.000	512	20	0.1245	0.0213	0.0048	2.3030	0.0054	0.0012

Run Metadata

timestamp: 2026-01-24 09:24:56
activations: ['relu', 'tanh', 'sigmoid']
model_types: ['mlp']
corruption_mode: replacement
ps: [0.0, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0]
sigmas: [0.0, 0.1, 0.2, 0.4, 0.6, 0.8, 1.0]
widths: [128, 256, 512]
repeats: 20
epochs: 10
batch_size: 128
learning_rate: 0.001
weight_decay: 0.0
max_workers: 40
data_workers: 2
cpu_threads_per_worker: 1
brightness_scale: 1.0
output_dir: results
seed: 1234
max_train_samples: None
use_cuda: False
total_runs: 1260