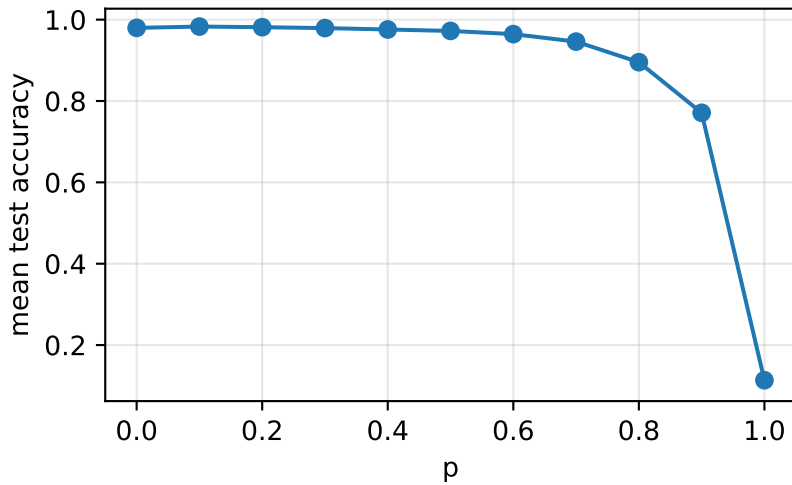
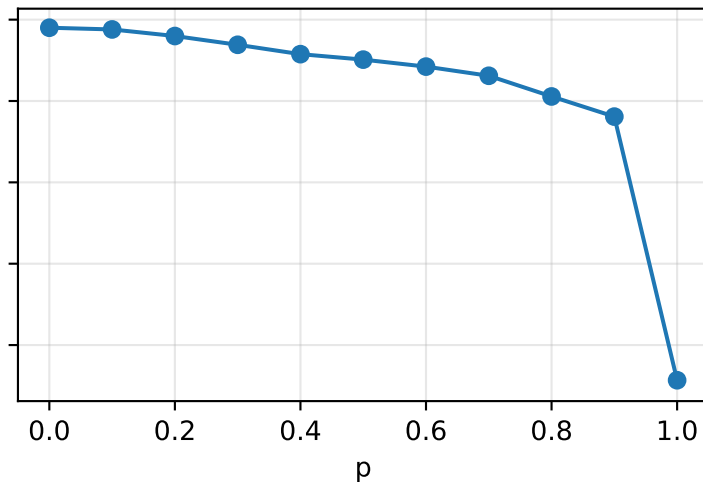


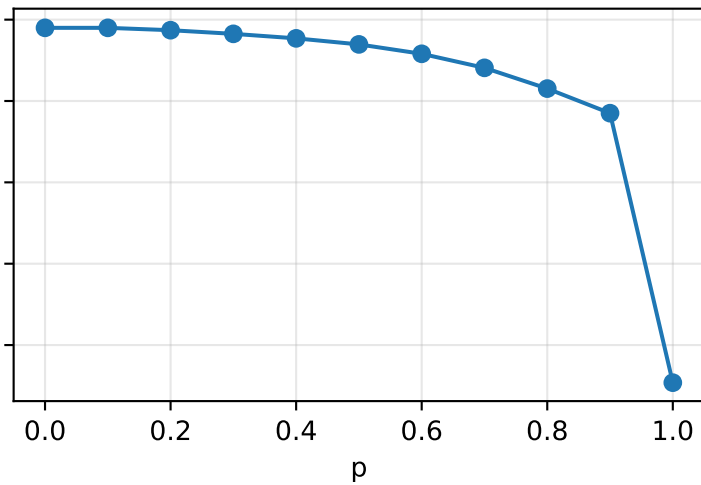
mlp / relu



mlp / sigmoid



mlp / tanh



Results Summary

| activation | model_type | p | repeats | mean_test_accuracy | std_test_accuracy | stderr_test_accuracy |
|------------|------------|-------|---------|--------------------|-------------------|----------------------|
| relu | mlp | 0.000 | 100 | 0.9798 | 0.0017 | 0.0002 |
| relu | mlp | 0.100 | 100 | 0.9830 | 0.0013 | 0.0001 |
| relu | mlp | 0.200 | 100 | 0.9815 | 0.0014 | 0.0001 |
| relu | mlp | 0.300 | 100 | 0.9792 | 0.0015 | 0.0001 |
| relu | mlp | 0.400 | 100 | 0.9758 | 0.0016 | 0.0002 |
| relu | mlp | 0.500 | 100 | 0.9723 | 0.0018 | 0.0002 |
| relu | mlp | 0.600 | 100 | 0.9644 | 0.0019 | 0.0002 |
| relu | mlp | 0.700 | 100 | 0.9460 | 0.0029 | 0.0003 |
| relu | mlp | 0.800 | 100 | 0.8954 | 0.0079 | 0.0008 |
| relu | mlp | 0.900 | 100 | 0.7710 | 0.0193 | 0.0019 |
| relu | mlp | 1.000 | 100 | 0.1135 | 0.0000 | 0.0000 |
| sigmoid | mlp | 0.000 | 100 | 0.9801 | 0.0013 | 0.0001 |
| sigmoid | mlp | 0.100 | 100 | 0.9759 | 0.0023 | 0.0002 |
| sigmoid | mlp | 0.200 | 100 | 0.9597 | 0.0044 | 0.0004 |
| sigmoid | mlp | 0.300 | 100 | 0.9382 | 0.0074 | 0.0007 |
| sigmoid | mlp | 0.400 | 100 | 0.9151 | 0.0100 | 0.0010 |
| sigmoid | mlp | 0.500 | 100 | 0.9017 | 0.0094 | 0.0009 |
| sigmoid | mlp | 0.600 | 100 | 0.8845 | 0.0096 | 0.0010 |
| sigmoid | mlp | 0.700 | 100 | 0.8620 | 0.0091 | 0.0009 |
| sigmoid | mlp | 0.800 | 100 | 0.8112 | 0.0090 | 0.0009 |
| sigmoid | mlp | 0.900 | 100 | 0.7616 | 0.0109 | 0.0011 |
| sigmoid | mlp | 1.000 | 100 | 0.1135 | 0.0000 | 0.0000 |
| tanh | mlp | 0.000 | 100 | 0.9799 | 0.0021 | 0.0002 |
| tanh | mlp | 0.100 | 100 | 0.9798 | 0.0013 | 0.0001 |
| tanh | mlp | 0.200 | 100 | 0.9740 | 0.0018 | 0.0002 |
| tanh | mlp | 0.300 | 100 | 0.9651 | 0.0027 | 0.0003 |
| tanh | mlp | 0.400 | 100 | 0.9540 | 0.0030 | 0.0003 |
| tanh | mlp | 0.500 | 100 | 0.9391 | 0.0040 | 0.0004 |
| tanh | mlp | 0.600 | 100 | 0.9160 | 0.0051 | 0.0005 |
| tanh | mlp | 0.700 | 100 | 0.8815 | 0.0081 | 0.0008 |
| tanh | mlp | 0.800 | 100 | 0.8305 | 0.0089 | 0.0009 |
| tanh | mlp | 0.900 | 100 | 0.7701 | 0.0094 | 0.0009 |
| tanh | mlp | 1.000 | 100 | 0.1075 | 0.0145 | 0.0015 |

Run Metadata

timestamp: 2026-01-23 07:23:36
activations: ['relu', 'tanh', 'sigmoid']
model_types: ['mlp']
ps: [0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0]
repeats: 100
epochs: 20
batch_size: 128
learning_rate: 0.001
weight_decay: 0.0
max_workers: 50
data_workers: 2
cpu_threads_per_worker: 1
output_dir: results
seed: 1234
max_train_samples: None
use_cuda: False
total_runs: 3300