F1 per Layer - Single Neuron Probing Mode Binary Continuous 0.65 0.60 F1 [SE] 0.50 0.45 14 10 12 Layer

F1 per Layer - Top-K Neurons Probing Mode 0.9 Binary Continuous 0.8 0.7 F1 [SE] 9.0 0.5 0.4 0.3 10 12 14 Layer

F1 per Layer - Full Layer Probing Mode Binary -x-- Continuous 0.9 -0.8 -0.7 0.6 14 10 12

Layer

Overall F1 per Layer - All Methods Probing Method / Mode method Single Neuron 0.9 -Top-K Neurons Full Layer mode 0.8 -**−•**− Binary -x-- Continuous F1 Score [SE] 9.0 9.0 0.5 -0.4 0.3 -10 12 14 Layer

F1 Score Summary by Probing Method Method Metric Binary f1 best layer

f1 max

f1 max

f1 mean

f1 std

Full Layer

Full Laver

Top-K Neurons

Top-K Neurons

Top-K Neurons

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Full Layer	f1_mean	0.8063	0.8178
Full Layer	f1_std	0.131	0.1274
Single Neuron	f1_best_layer	14.0	14.0
Single Neuron	f1_max	0.9602	0.9244
Single Neuron	f1_mean	0.5064	0.5958
Single Neuron	f1_std	0.1254	0.0939
Top-K Neurons	f1_best_layer	13.0	13.0

15.0

0.9799

0.9602

0.6322

0.1401

Continuous

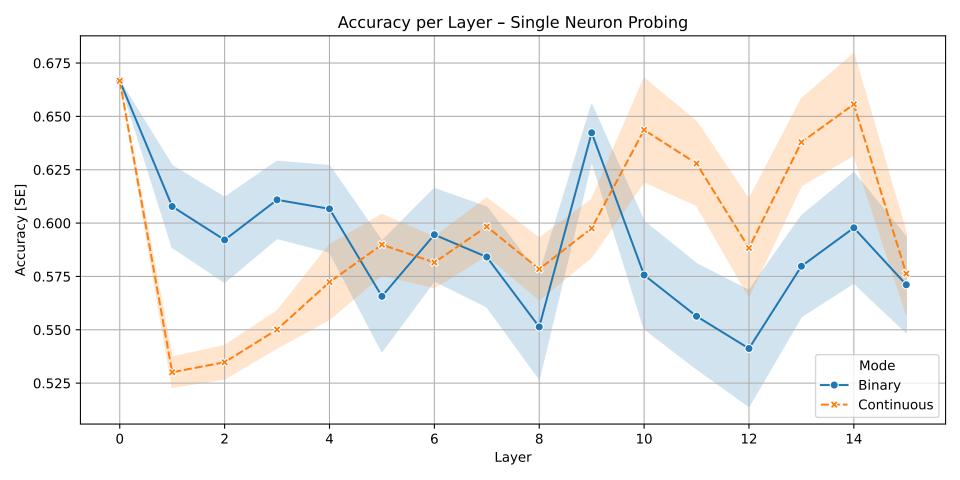
14.0

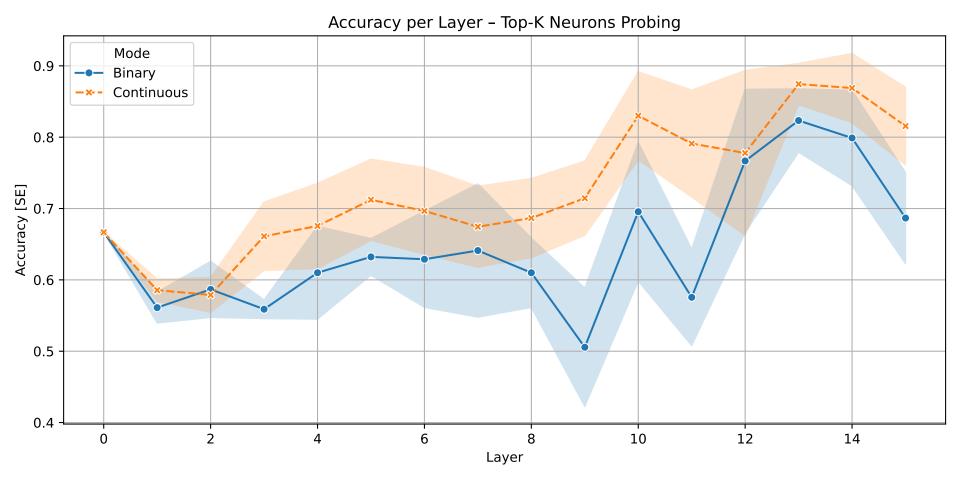
0.9733

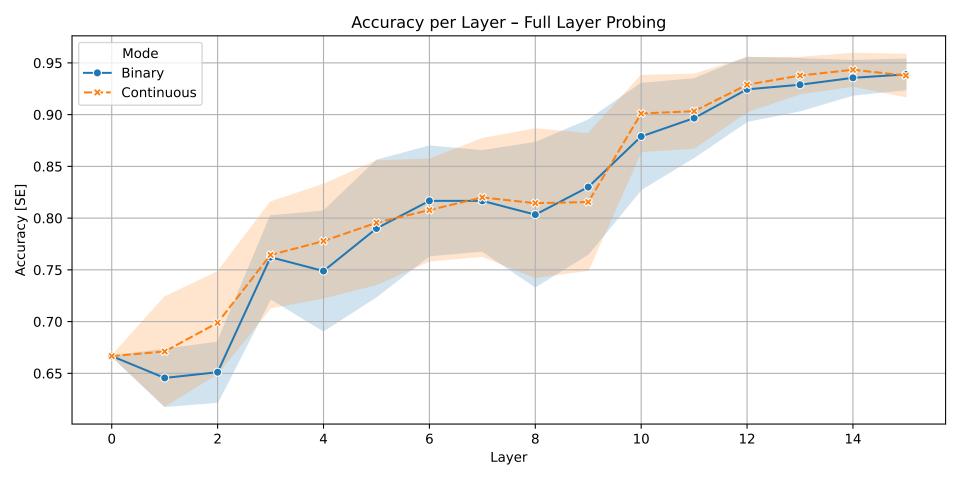
0.9473

0.7233

0.126







Overall Accuracy per Layer - All Methods Probing Method / Mode method Single Neuron 0.9 -Top-K Neurons Full Layer mode **−●−** Binary 0.8 --x-- Continuous Accuracy Score [SE] 0.6 0.5 0.4 10 12 14 Layer

Accuracy Score Summary by Probing Method					
Method	Metric	Binary			

accuracy_best_layer

accuracy_std

Full Layer

Top-K Neurons

Full Layer	accuracy_max	0.98	0.9733
Full Layer	accuracy_mean	0.8147	0.824
Full Layer	accuracy_std	0.1168	0.1134
Single Neuron	accuracy_best_layer	0.0	0.0
Single Neuron	accuracy_max	0.96	0.9233
Single Neuron	accuracy_mean	0.5902	0.5956
Single Neuron	accuracy_std	0.122	0.0963
Top-K Neurons	accuracy_best_layer	13.0	13.0
Top-K Neurons	accuracy_max	0.96	0.9467
Top-K Neurons	accuracy mean	0.6467	0.7256

15.0

0.1259

Continuous

14.0

0.1208