SHAP Feature Importance by Neuron Depth Highlighting N42 and N57 **157.0** -0.0225500 -0.0200 1000 -0.0175 Neuron Depth (µm) - 0.0150 1500 - 0.0125 2000 -0.0100 2500 -0.0075 3000 -0.0050 142.0 -0.0025 3500 0.000 0.005 0.010 0.015 0.020 0.025 Mean |SHAP value|