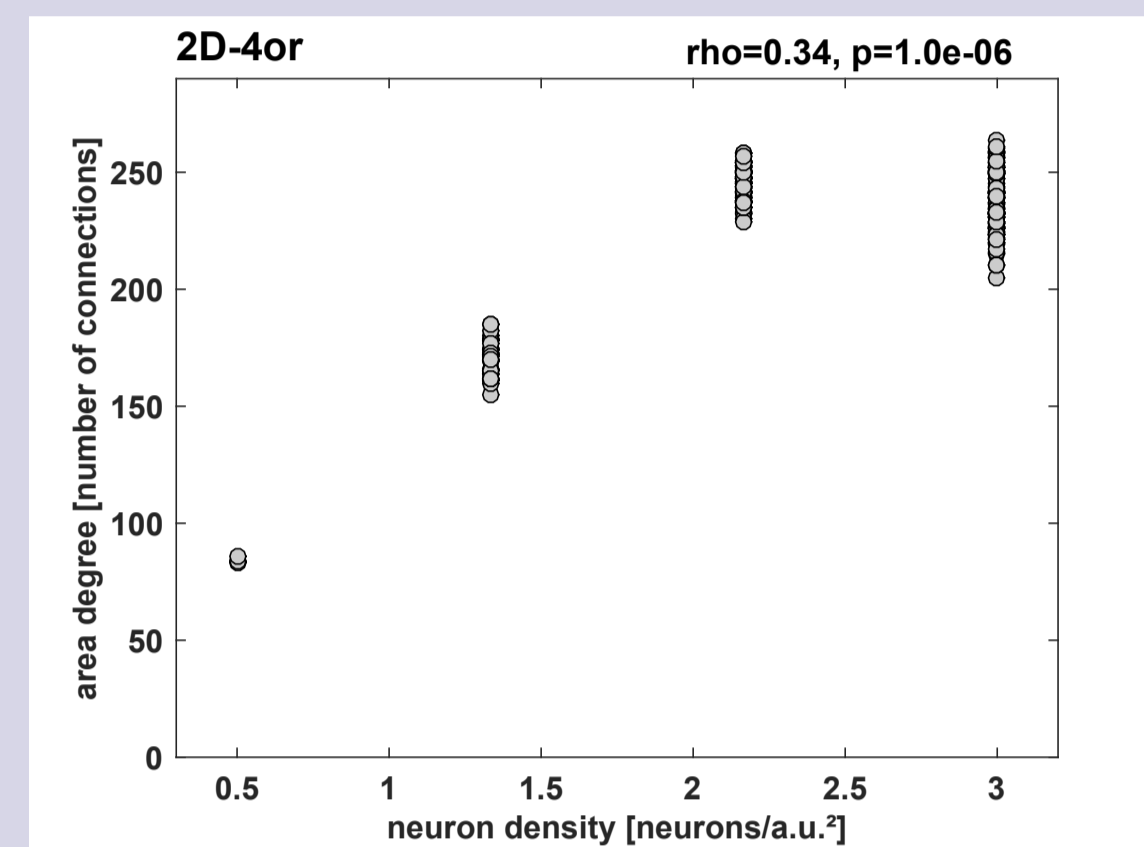
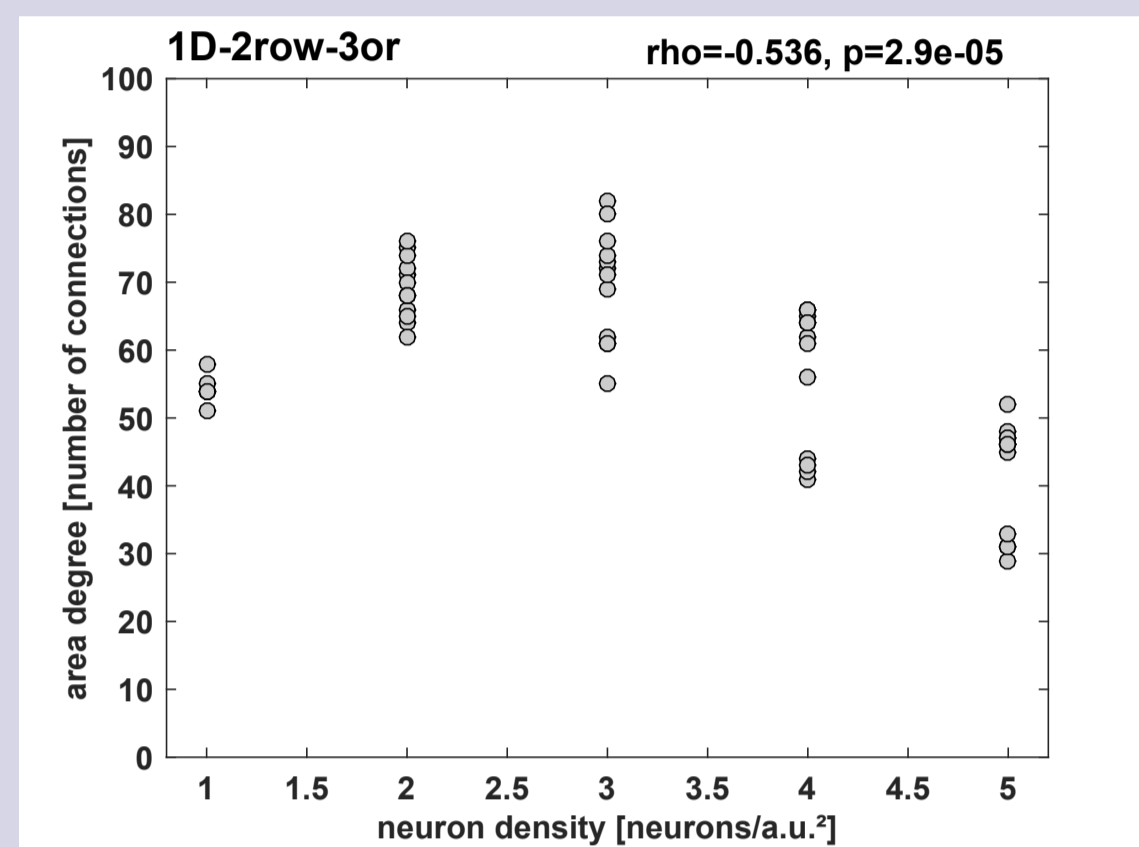
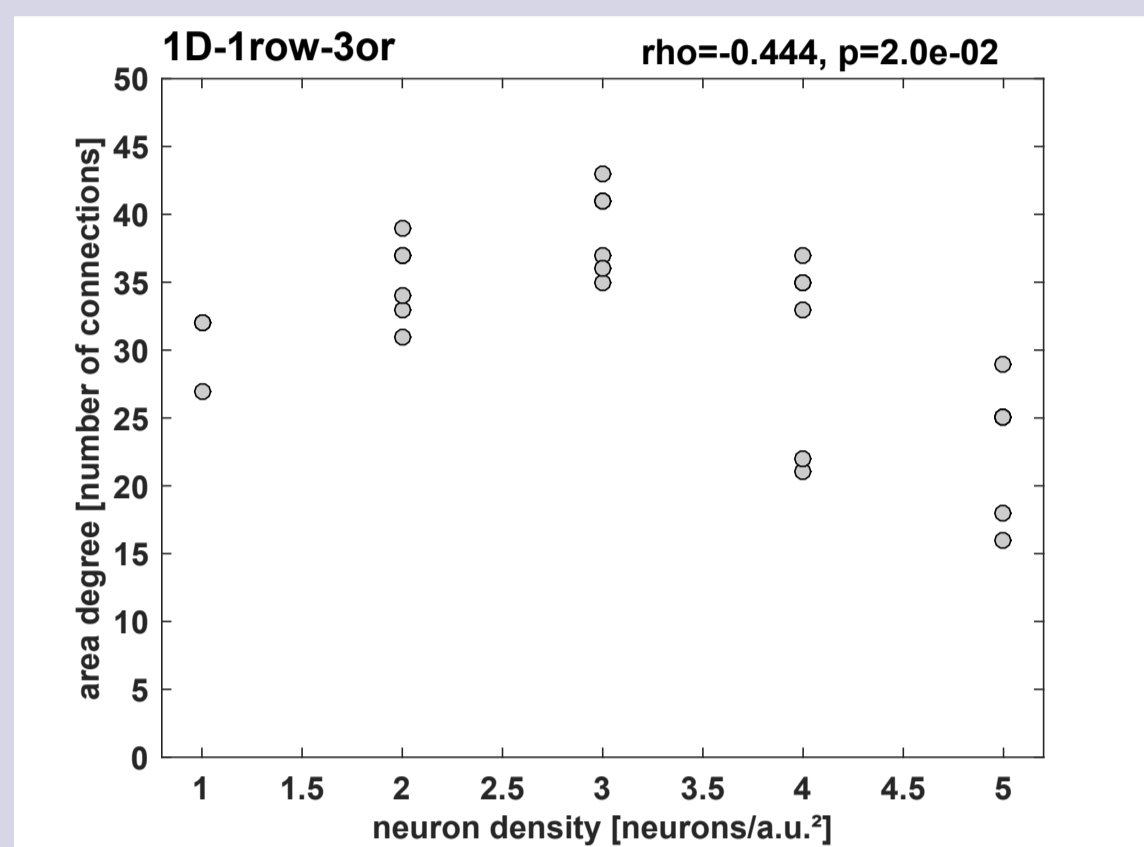
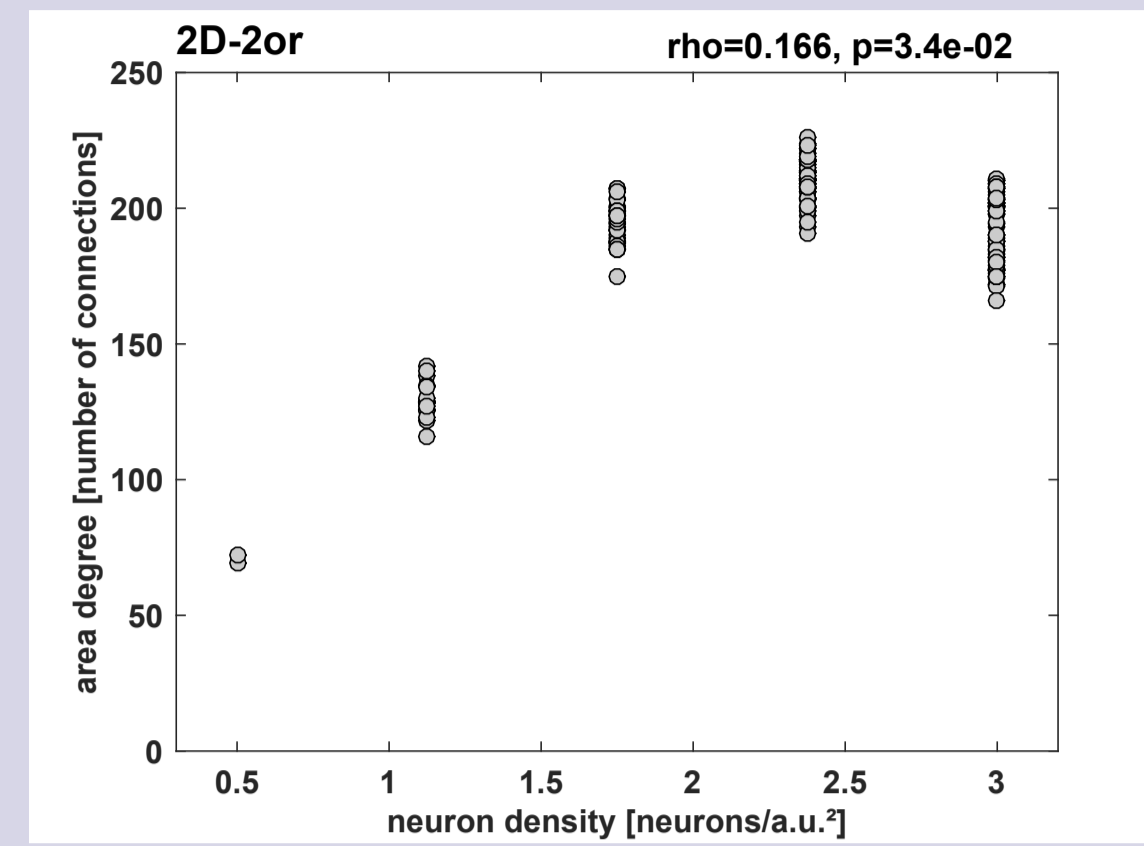
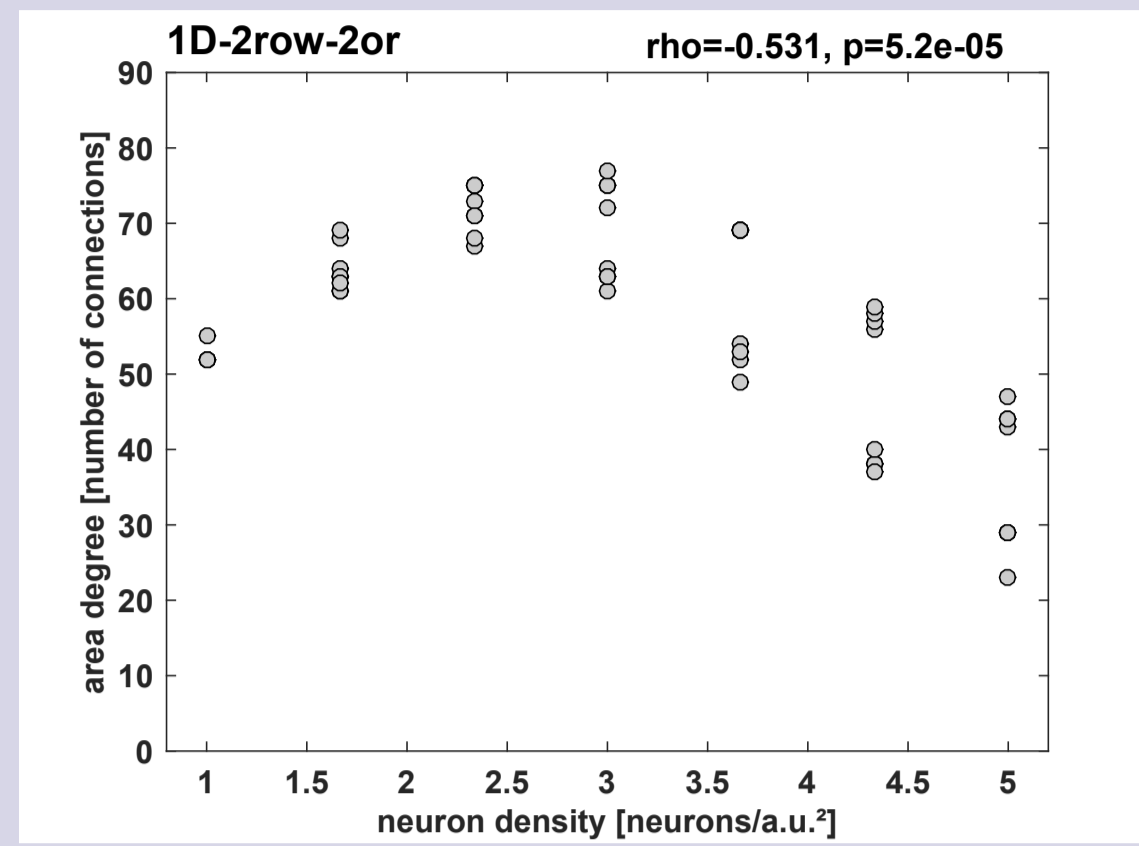
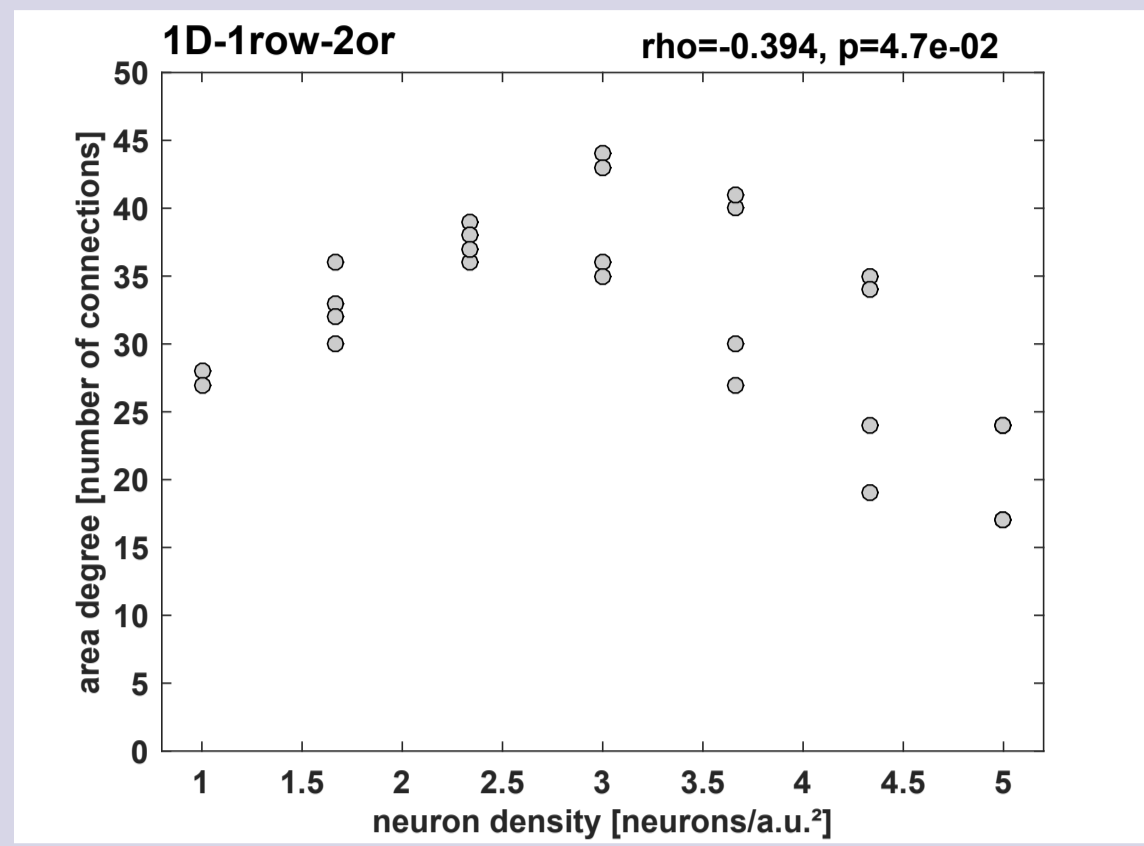
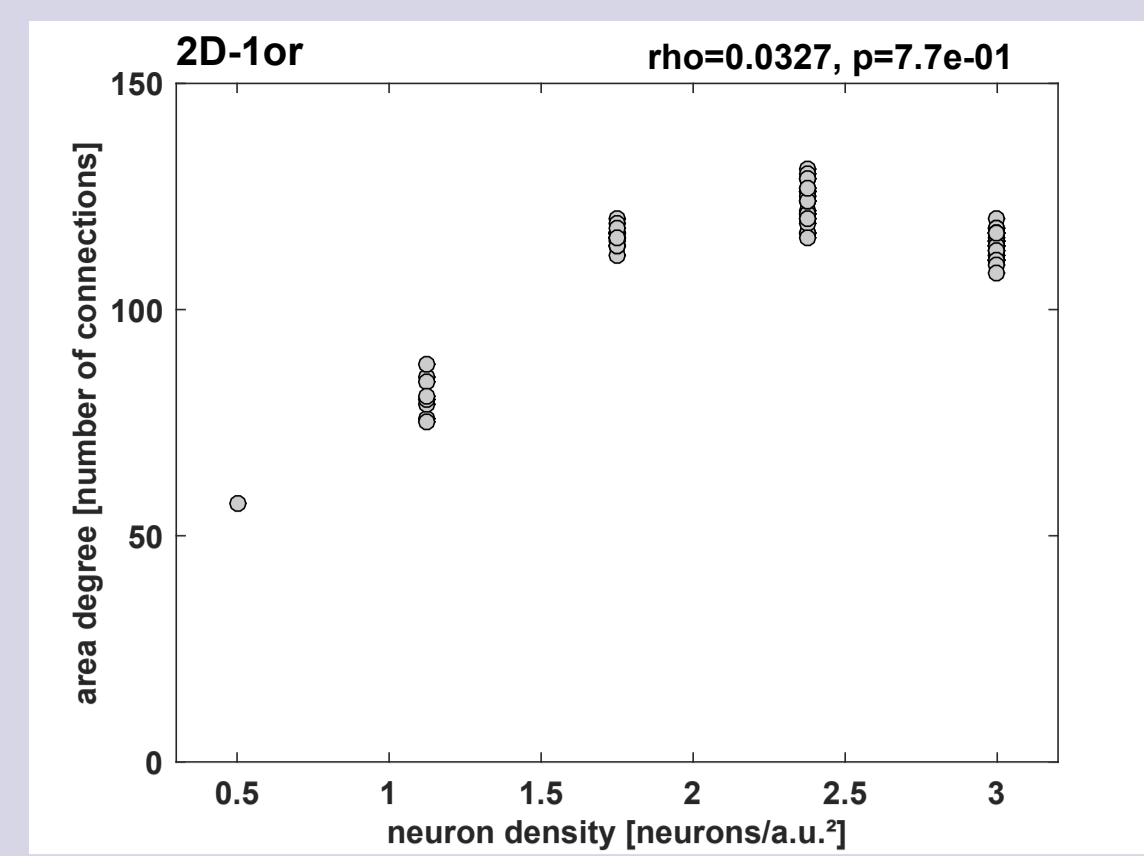
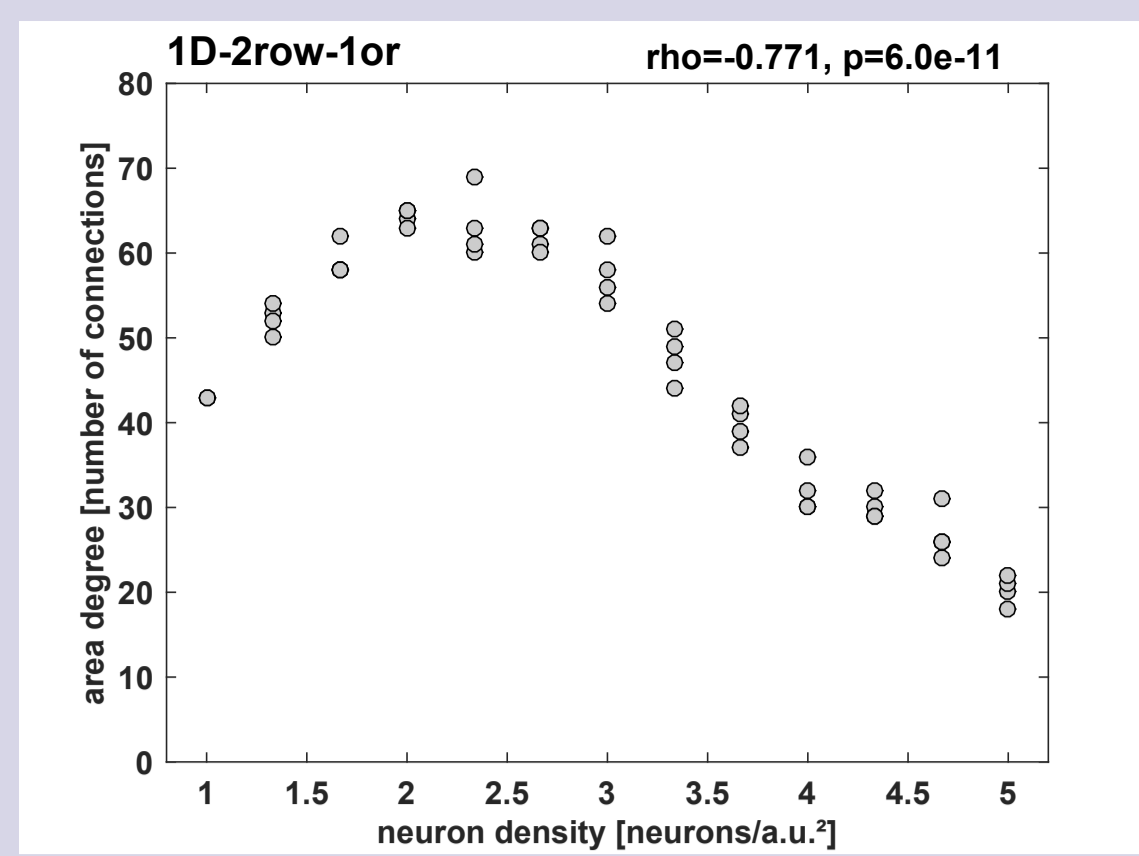
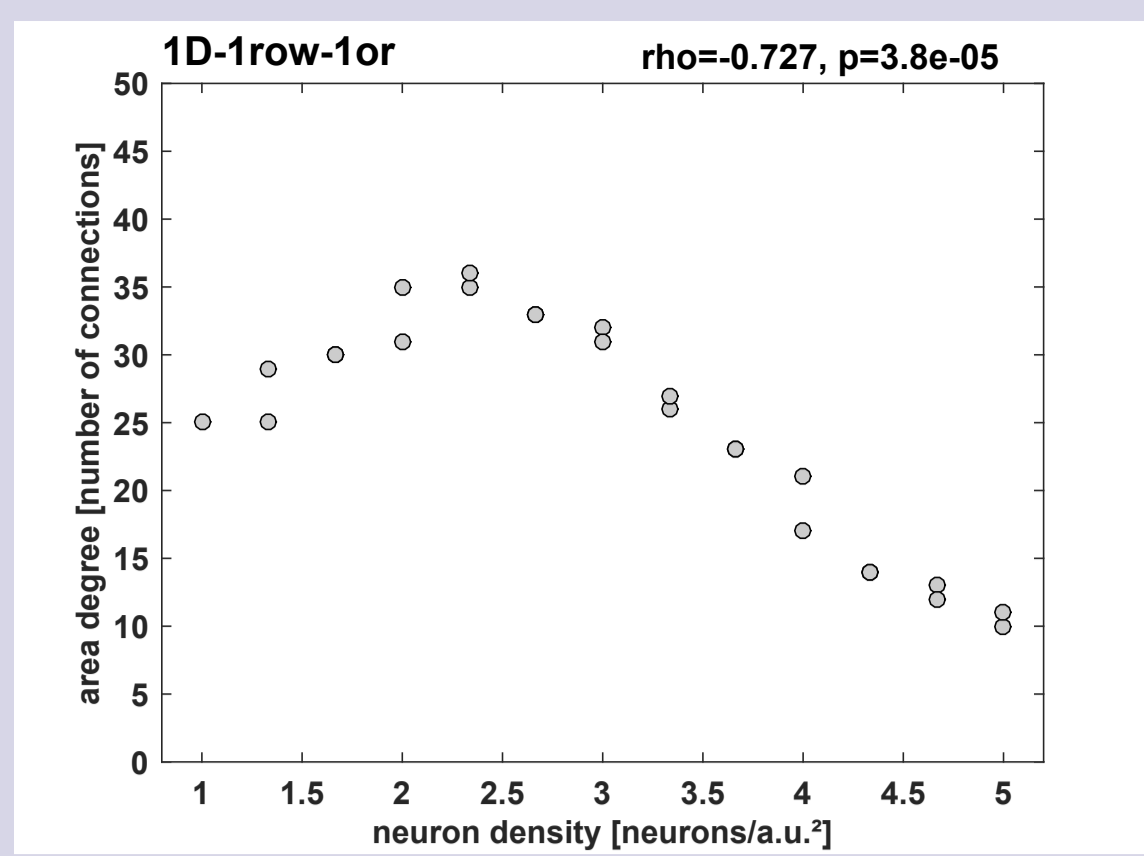
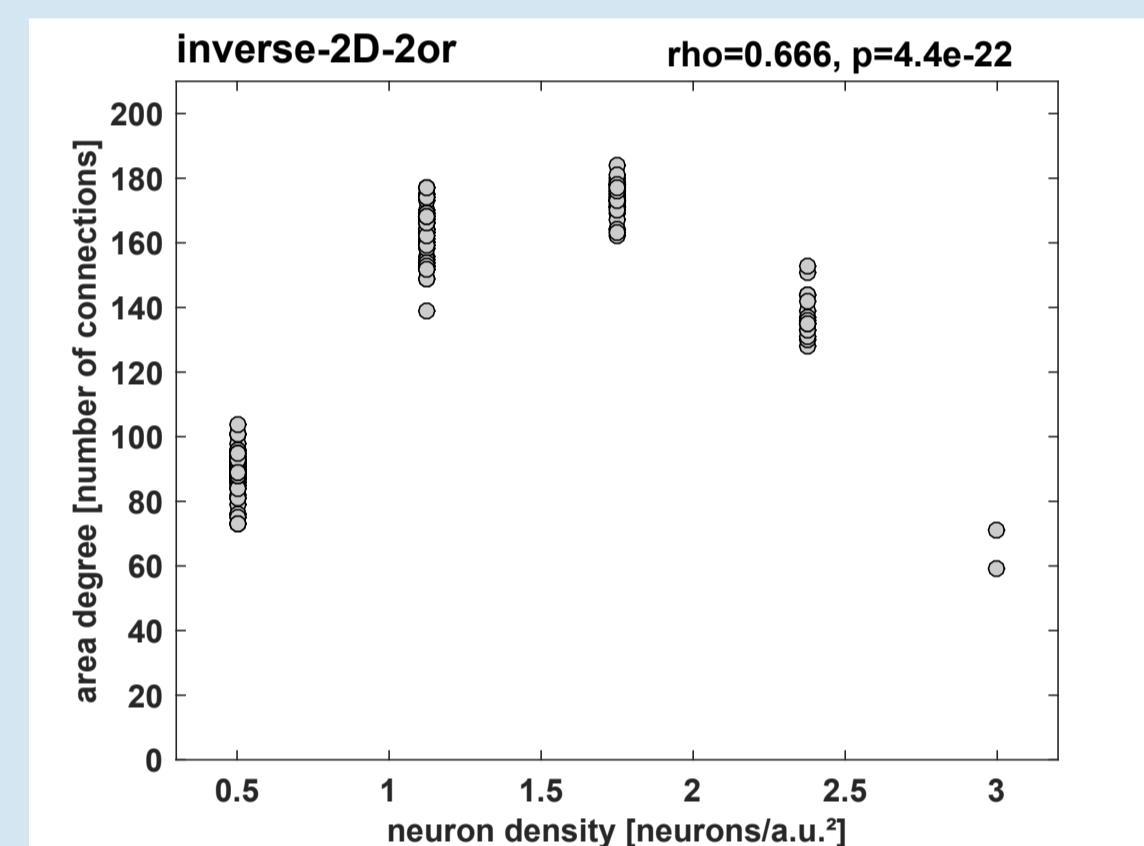
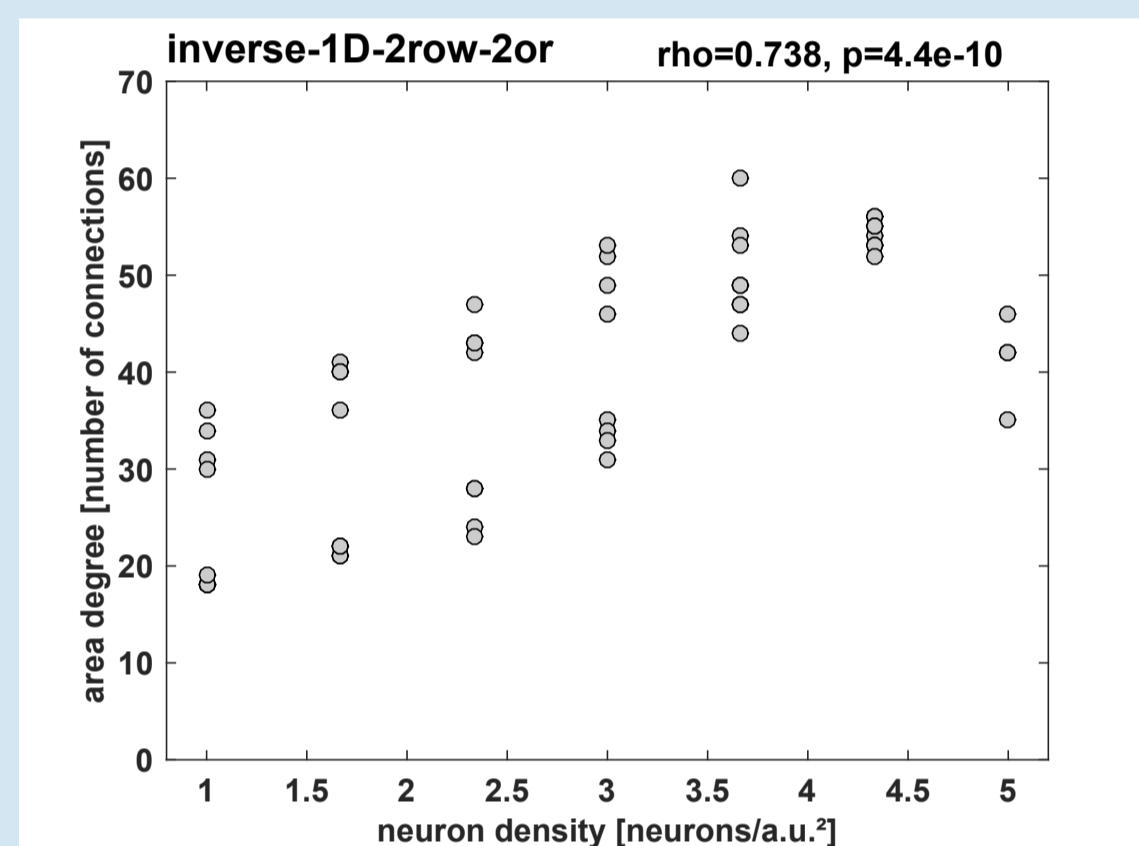
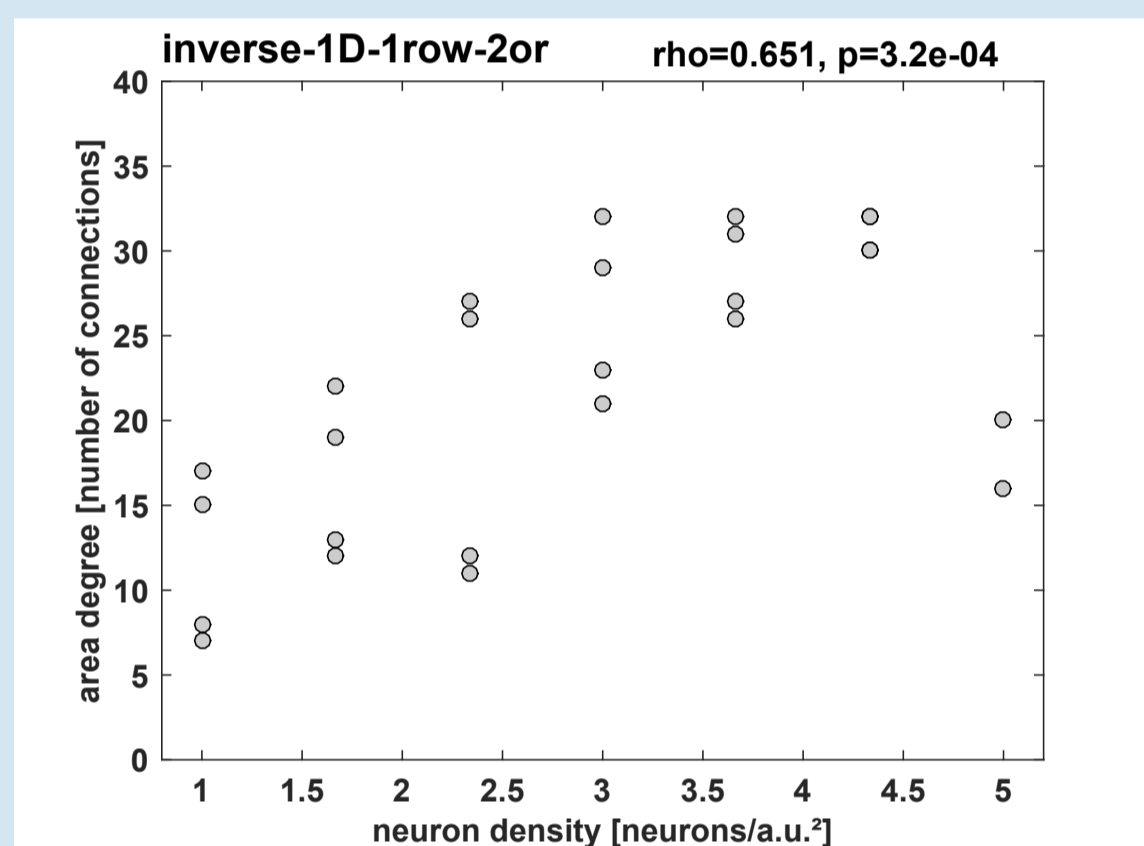


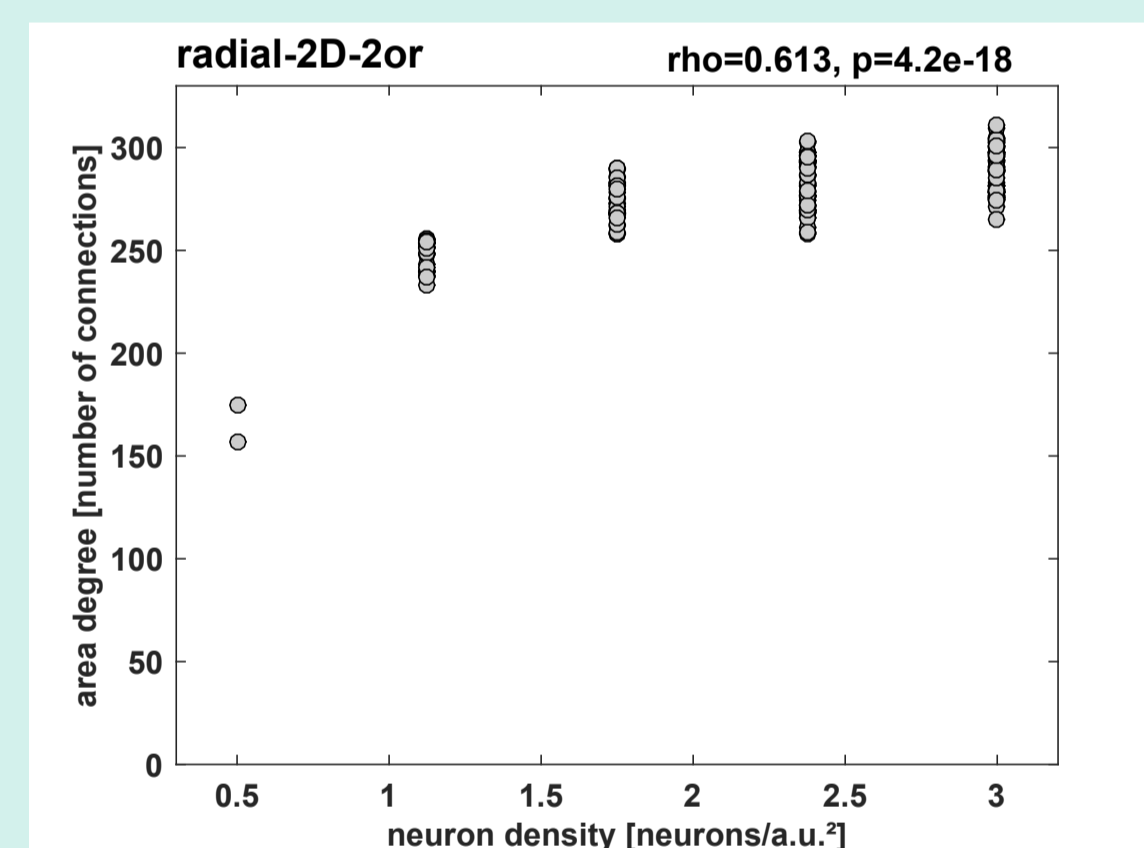
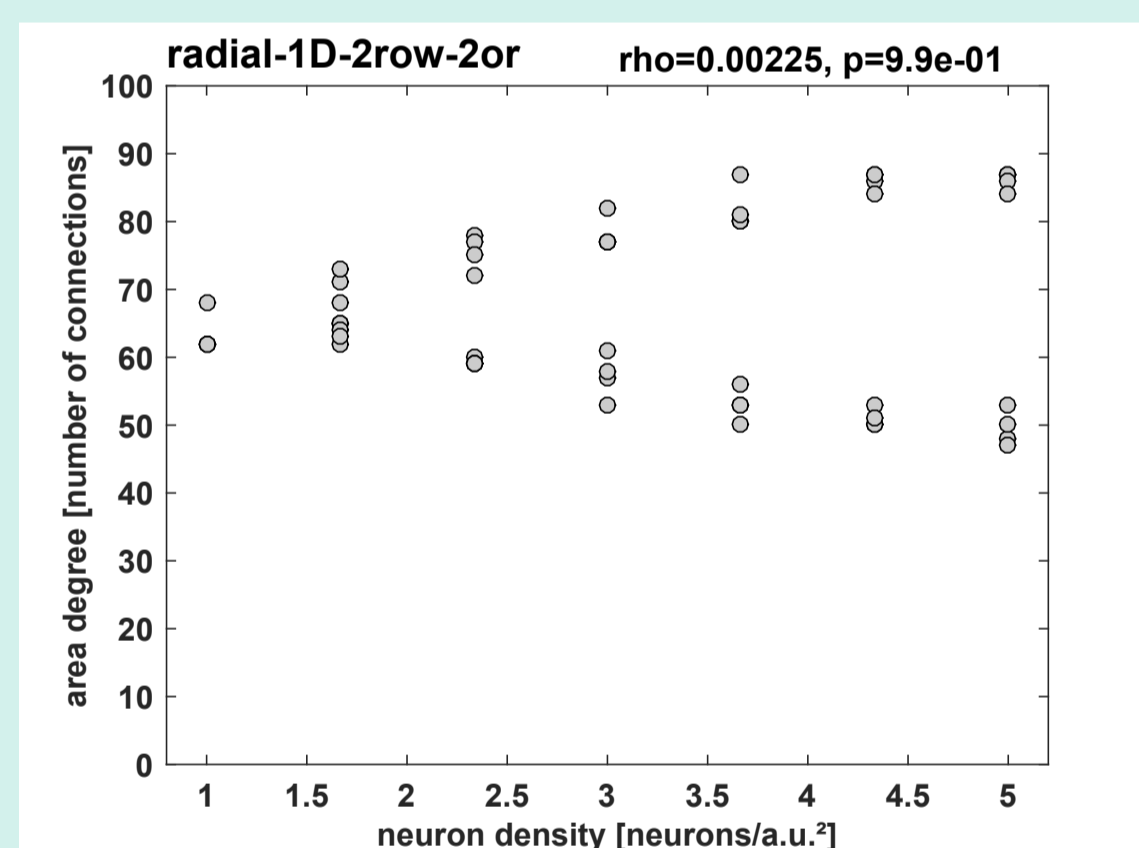
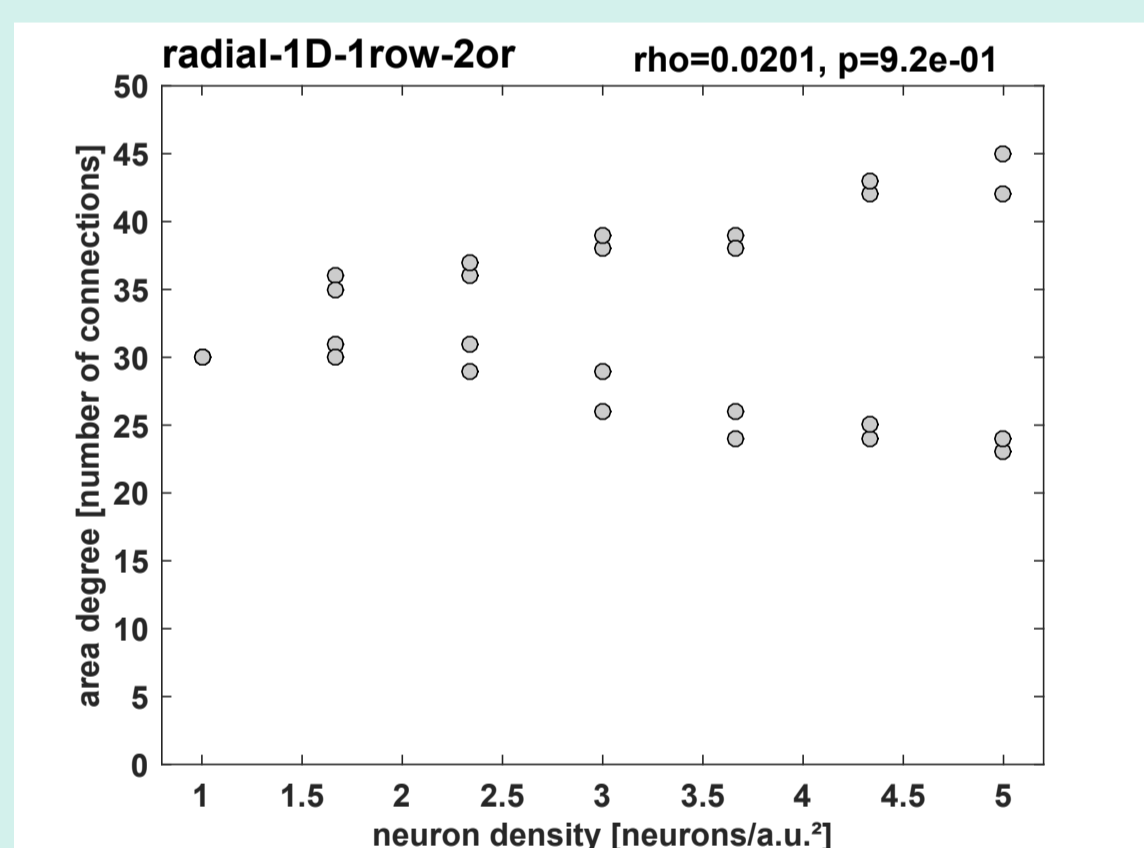
# realistically oriented density gradient



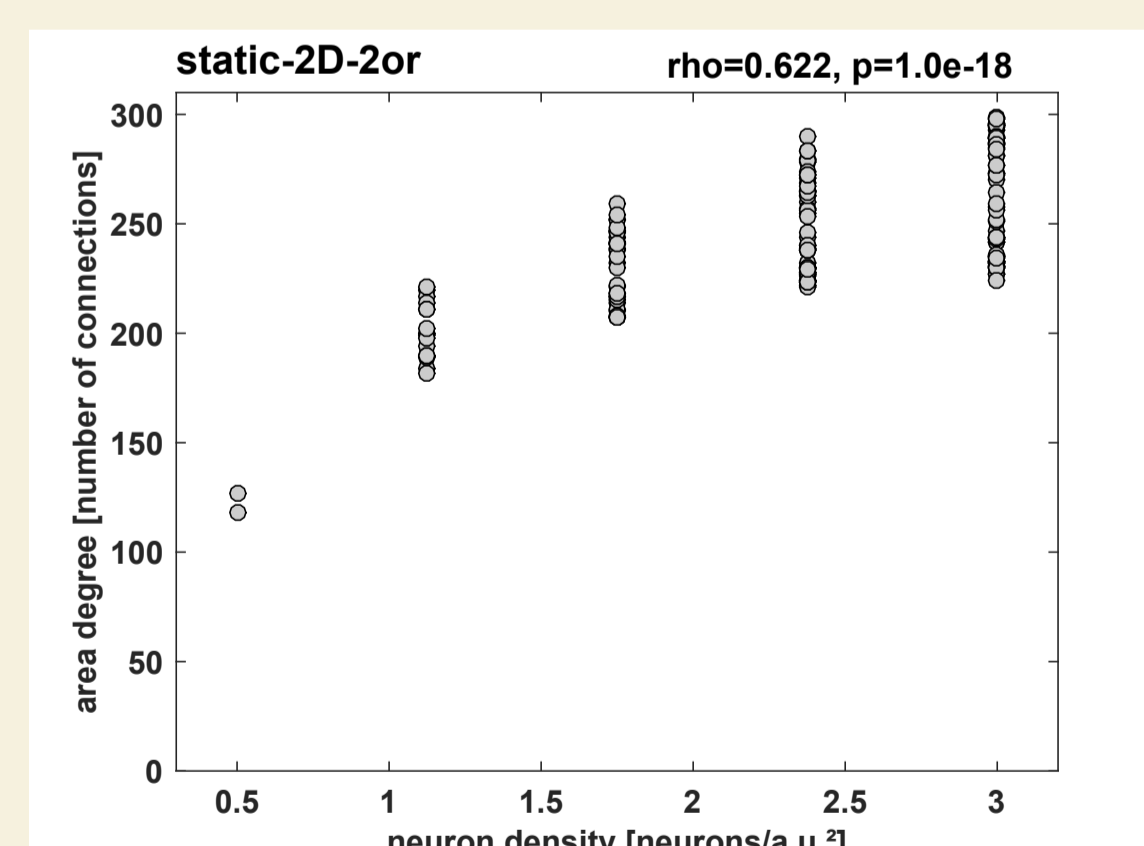
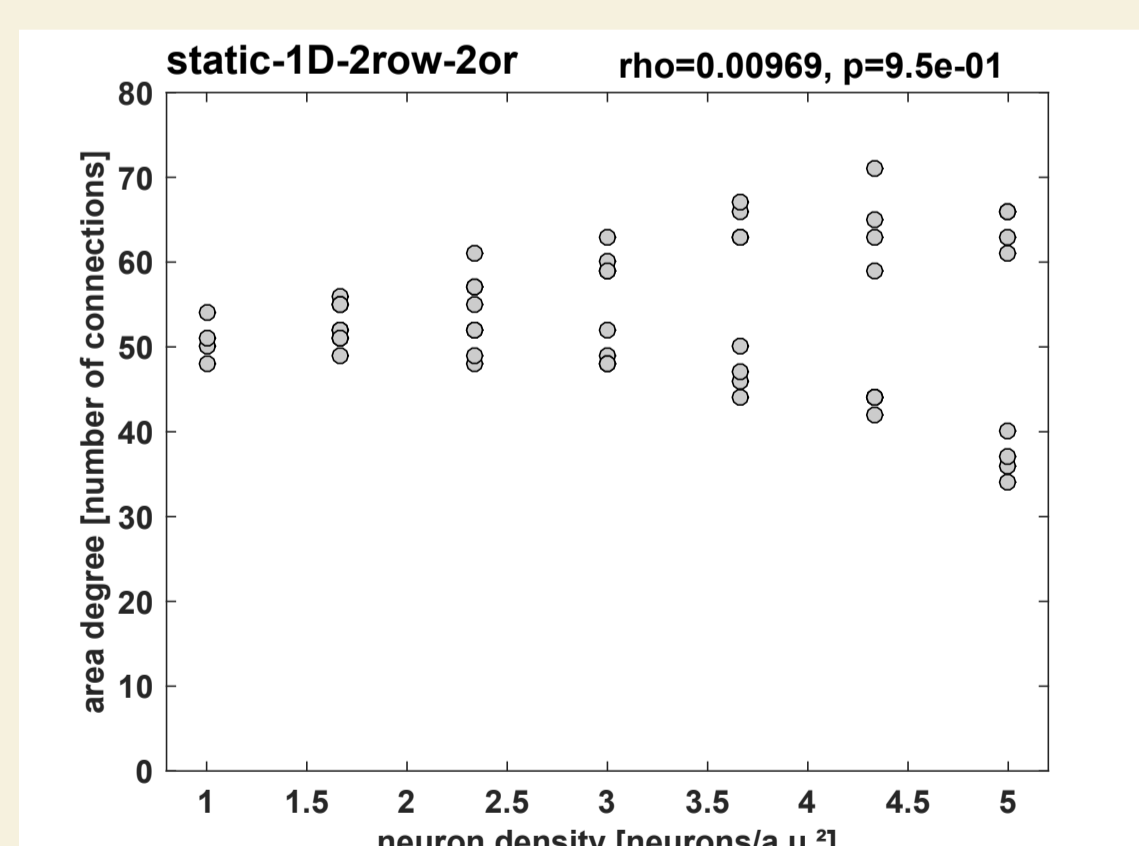
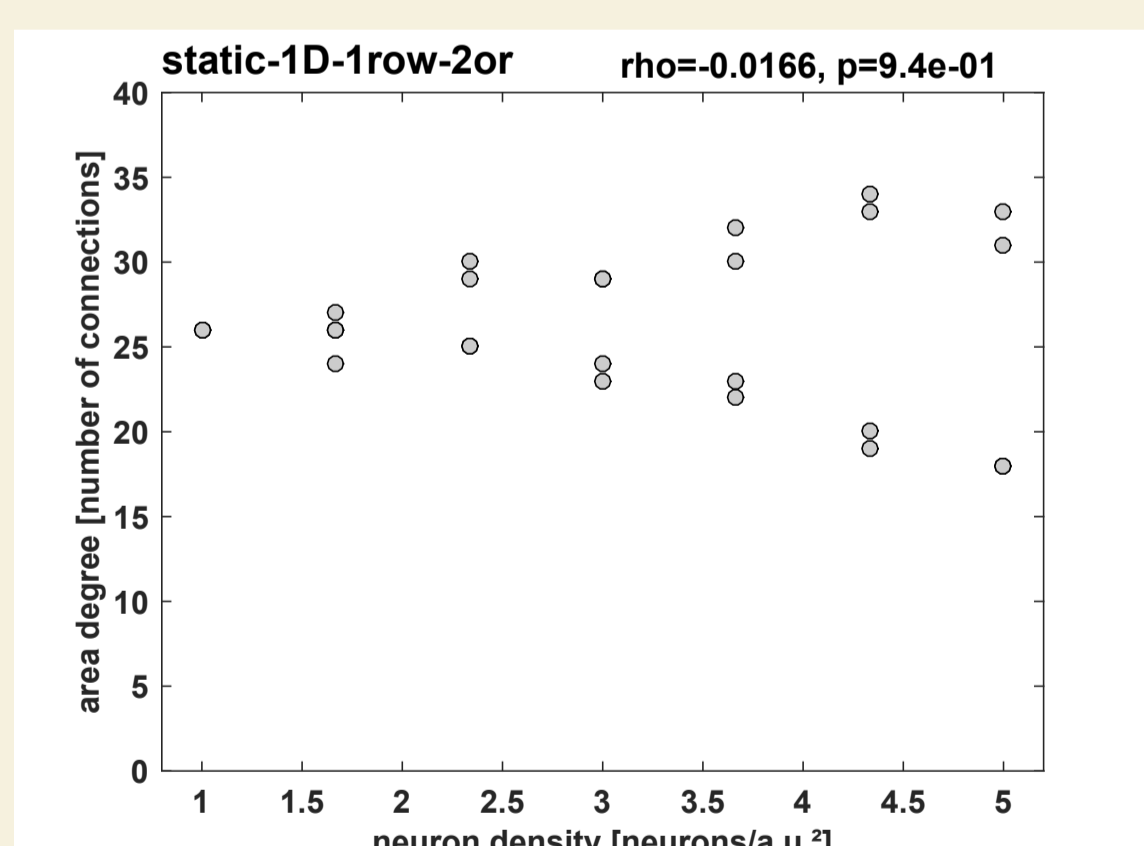
# inverse



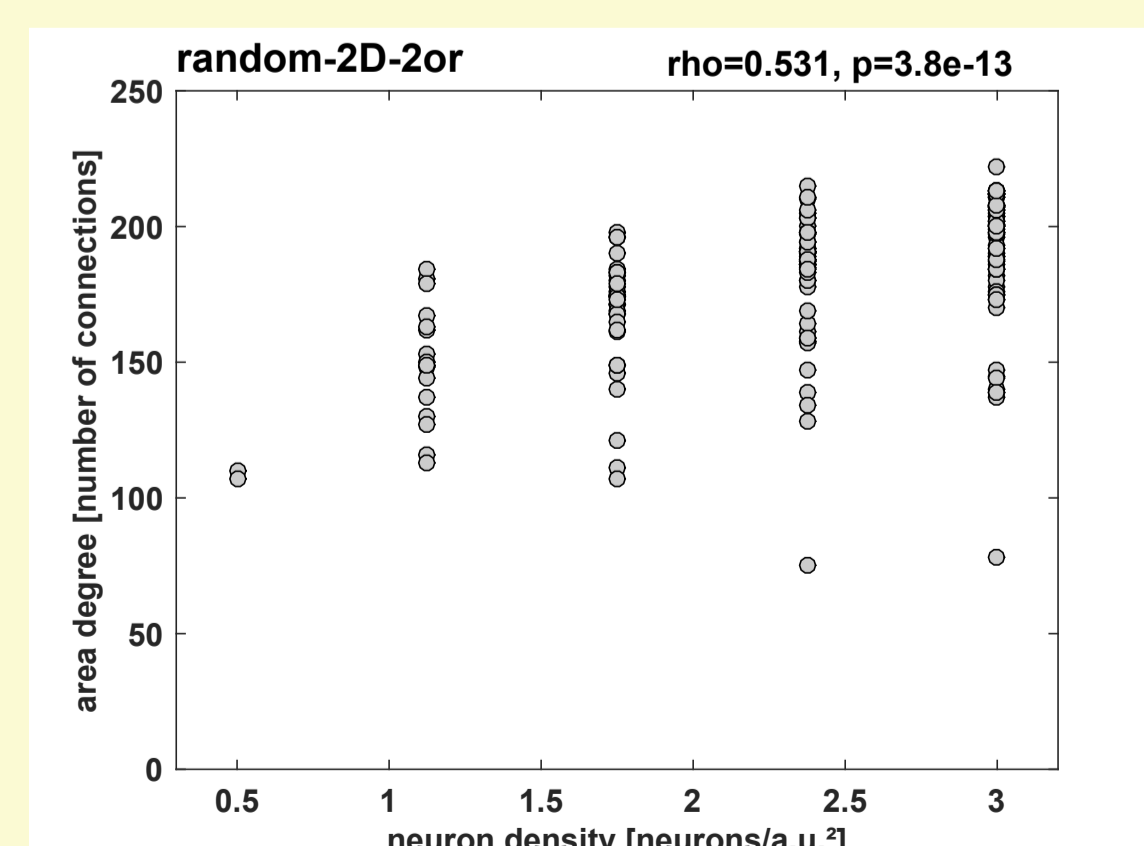
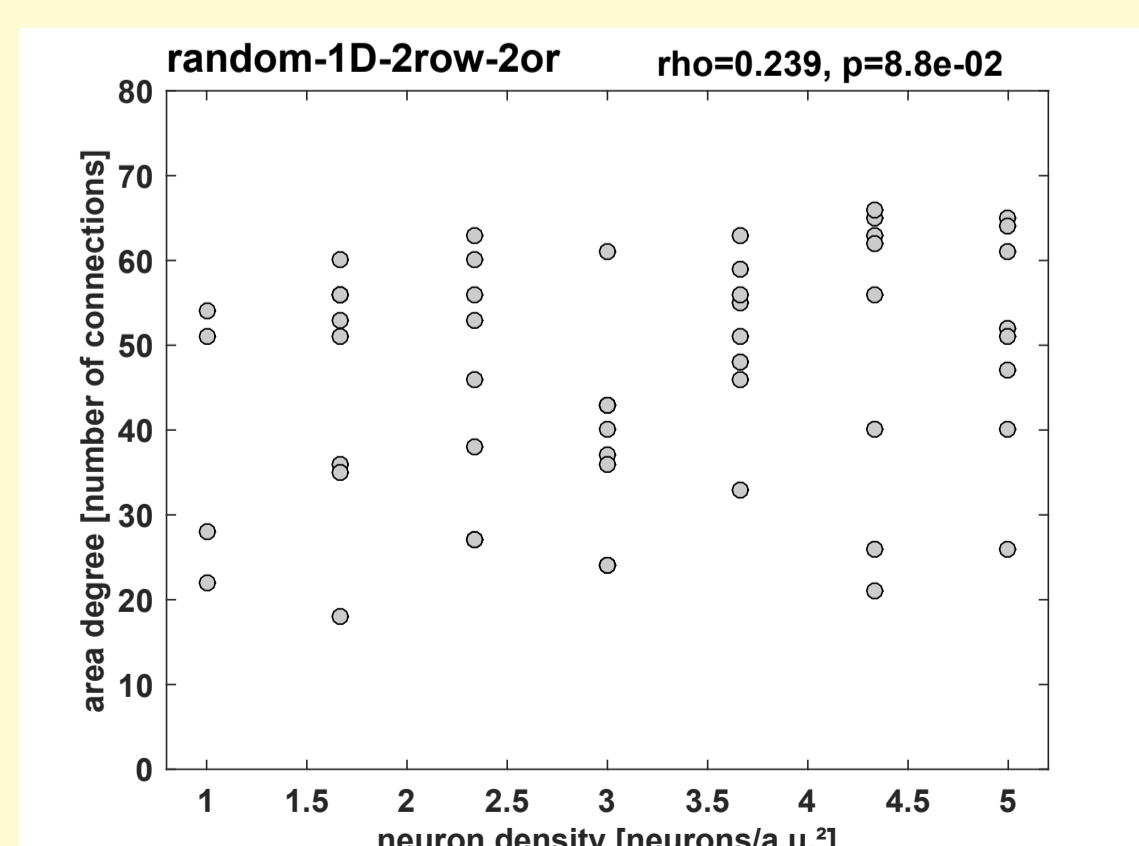
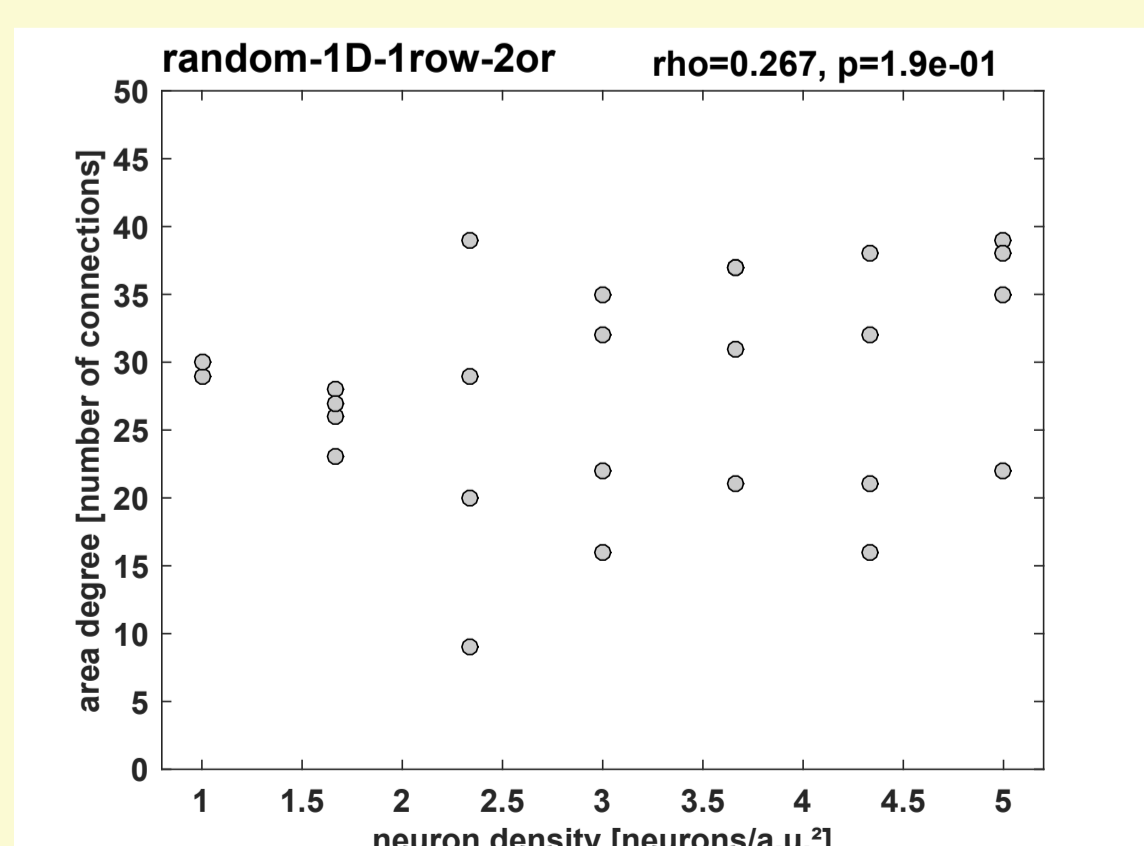
# radial



# static



# random



**Supplementary Figure S3. Correlation area degree with neuron density for all growth layouts.** Variation of area degree (number of connections) across areas' neuron density is shown. Simulation instances were chosen to be representative of the median values shown in Figure 7. Spearman rank correlation results for each particular instance are shown on top of each plot. A.u.: arbitrary unit. Abbreviations and background colours as in Table 1.