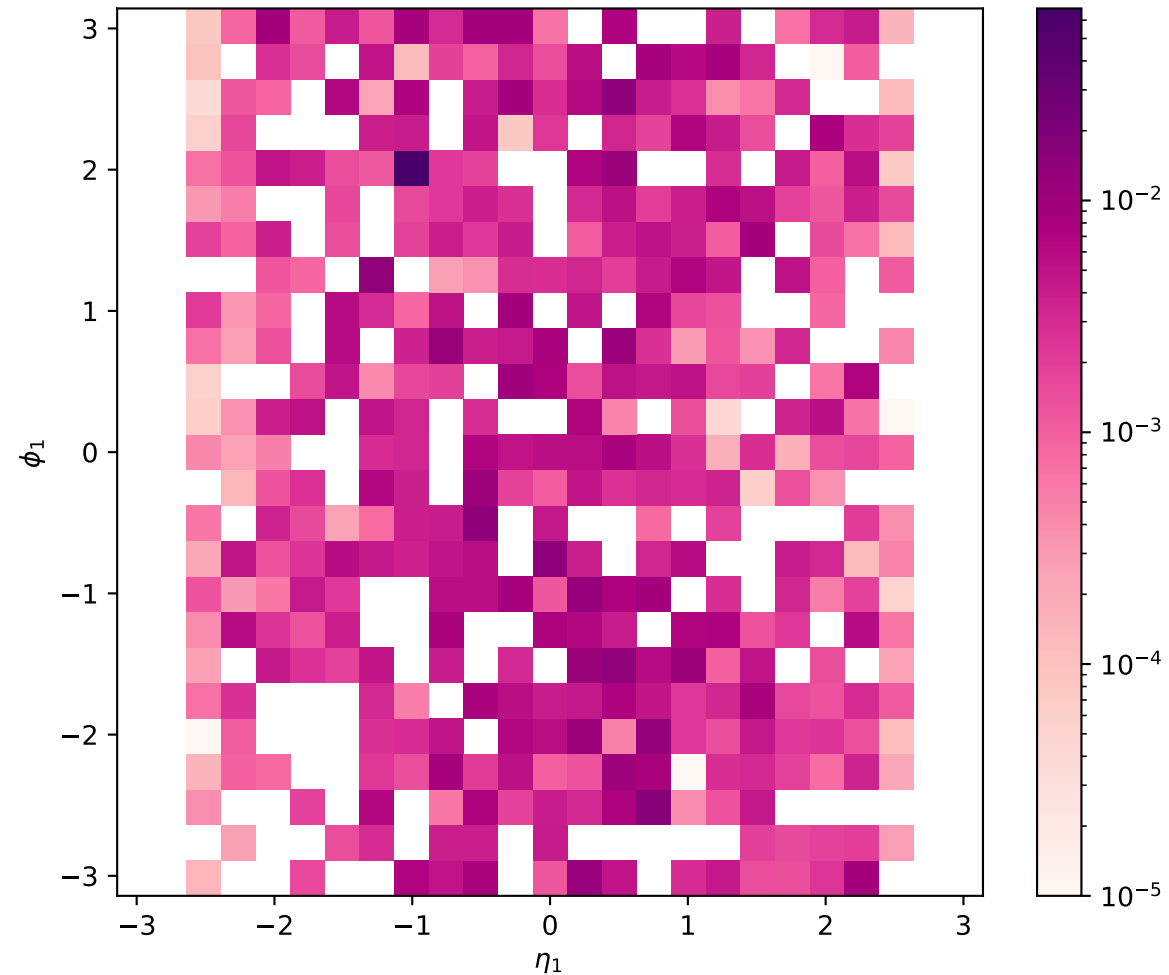Scatter plot for η_1 and ϕ_1 of network prediction