Influence of noise on MSE and R2 score with polynomial degree 5 1.0 0.175 - 0.9 0.150 - 0.8 0.125 - 0.7 0.100 0.6 2 0.075 - 0.5 0.050 - 0.4 0.025 0.000 - 0.3 0.001 0.2 0.1 0.3 0.4 Data with different degree of noise