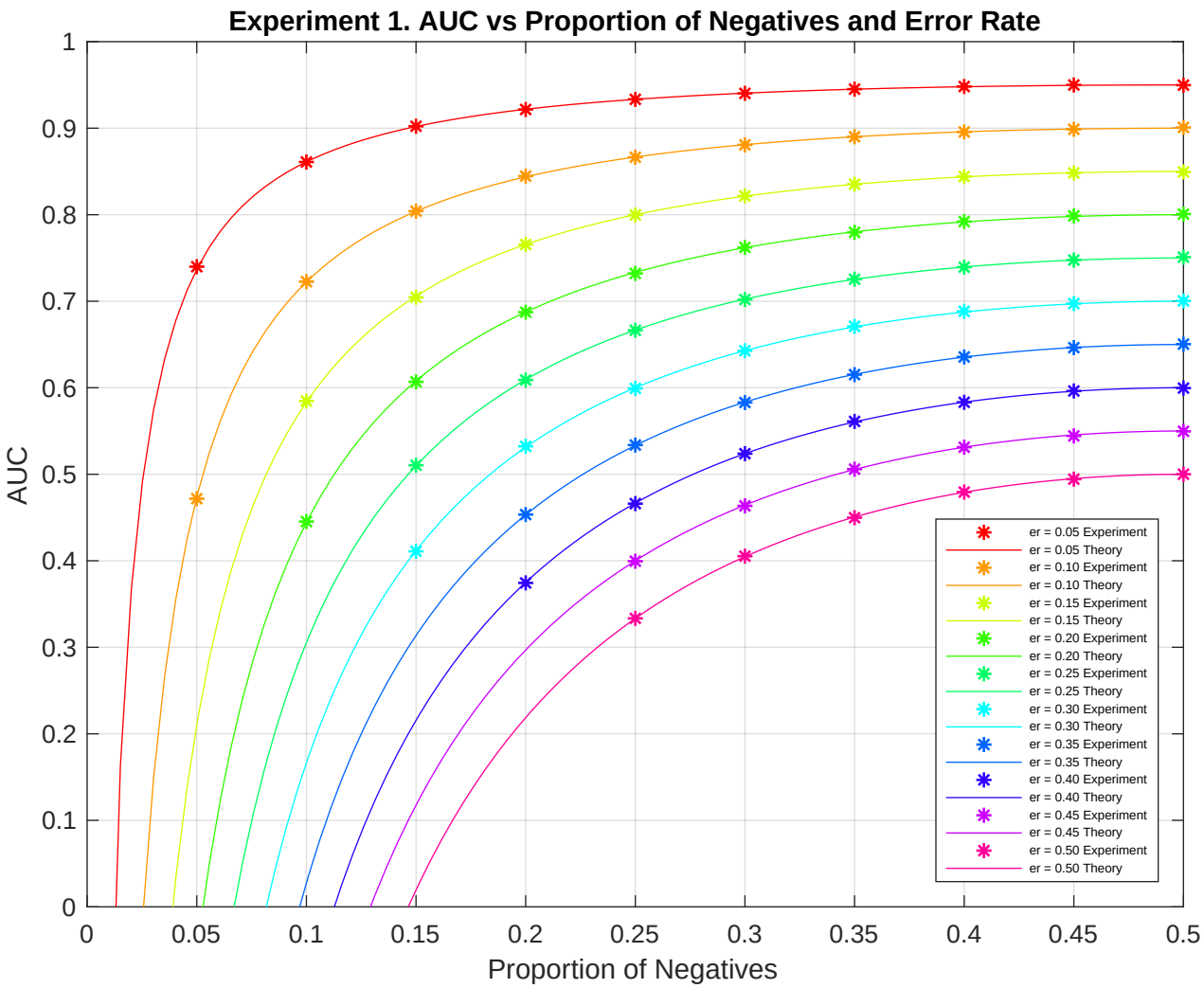
Experiment 1. AUC vs Proportion of Negatives and Error Rate
AUC
Proportion of Negatives
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
er = 0.05 Experiment
er = 0.05 Theory
er = 0.10 Experiment
er = 0.10 Theory
er = 0.15 Experiment
er = 0.15 Theory
er = 0.20 Experiment
er = 0.20 Theory
er = 0.25 Experiment
er = 0.25 Theory
er = 0.30 Experiment
er = 0.30 Theory
er = 0.35 Experiment
er = 0.35 Theory
er = 0.40 Experiment
er = 0.40 Theory
er = 0.45 Experiment
er = 0.45 Theory
er = 0.50 Experiment
er = 0.50 Theory