

Table 1: House Price Regression: Sqrt, Log1p, and Box–Cox($\lambda = 0.2$ to 0.6)

Metric	sqrt	log1p	box-cox($\lambda=0.2$)	box-cox($\lambda=0.3$)	box-cox($\lambda=0.4$)	box-cox($\lambda=0.5$)	box-cox($\lambda=0.6$)
rSq	0.986164	0.922376	0.959263	0.970923	0.979648	0.986164	0.990975
rSqBar	0.986067	0.921828	0.958975	0.970718	0.979505	0.986067	0.990911
sst	6.42325e+13	6.42325e+13	6.42325e+13	6.42325e+13	6.42325e+13	6.42325e+13	6.42325e+13
sse	8.88711e+11	4.98598e+12	2.61666e+12	1.86769e+12	1.30725e+12	8.88711e+11	5.79720e+11
sde	29823.1	70573.3	51174.1	43238.3	36172.9	29823.1	24085.8
mse0	8.88711e+08	4.98598e+09	2.61666e+09	1.86769e+09	1.30725e+09	8.88711e+08	5.79720e+08
rmse	29811.3	70611.5	51153.3	43216.7	36155.9	29811.3	24077.4
mae	24296.5	52989.3	40099.4	34454.9	29213.6	24296.5	19682.3
smape	4.85788	9.21218	7.38111	6.52076	5.68306	4.85788	4.04104
m	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
dfr	7.00000	7.00000	7.00000	7.00000	7.00000	7.00000	7.00000
df	992.000	992.000	992.000	992.000	992.000	992.000	992.000
fStat	10100.8	1683.94	3337.02	4732.05	6821.49	10100.8	15560.1
aic	-11705.6	-12567.9	-12245.5	-12076.9	-11898.5	-11705.6	-11492.0
bic	-11666.3	-12528.6	-12206.3	-12037.7	-11859.3	-11666.3	-11452.7