Contents

1 Model Type 1

1.1 Inputs

- censustract

- elevationdifference

- federalpolicyfee

- latitude

- longitude

- numberoffloorsininsuredbuilding

With 40 trees (tested and performed better than 20 trees)

Depth	r2	MAE	MSE	rMSE
5	0.3114752982953377	231.46697672343765	1231114.2602807723	1109.5558842531423
6	0.3912370025083539	197.48394247735217	1163302.7993032774	1078.5651576531097
7	0.44489438413688076	177.04029713826296	1120098.3666343382	1058.3469972718485
8	0.4885592011558513	161.98952864311764	1079166.3562372378	1038.829320070067
9	.5184725345488819	148.17988061047382	1048095.1108590999	1023.7651639214434
10	0.5419040769539529	138.31945617491704	1022605.0448560107	1011.2393608122711
11	0.5577762696204209	131.32631110401425	1004659.8326529753	1002.3272083770726
12	0.5703165962614429	126.2715559530854	992329.8370859065	996.1575362792305