Variation in elasticity against distance

1. No distance variables (y = b\*SQ + …)

A graph with a number of lines

Description automatically generated with medium confidence

A graph with a line

Description automatically generated

1. Continuous distance variable (y = b\*SQ\*(distance in metres) + …)

A graph with a line

Description automatically generated

A graph with a line

Description automatically generated

Continuous and indicator distance variables (y = b\*SQ\*(distance in metres) + b\*SQ\*I(distance threshold) + …)

A graph with a line

Description automatically generated

A graph with a blue line

Description automatically generated

Indicator distance variable (y = b\*SQ\*I(distance threshold) + …)

A graph showing a line graph

Description automatically generated with medium confidence

A graph with a line

Description automatically generated

All in one

A graph with a line

Description automatically generated

A graph of a graph showing a line

Description automatically generated with medium confidence

A graph of a line graph

Description automatically generated with medium confidenceSince for the studies where distances have not defined we assume 300 meter and to assess the effect of those judgement calls I removed those data points and see the graph

Without “Losses” function

A graph of a number of points

Description automatically generated with medium confidence