Econ 398 Econometrics

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1 Equation 1

$$
\begin{aligned}
PctIncPrice_z = {} & \beta_0 + \beta_1 Remote_z + \beta_2 Income_z \\
& + \beta_4 Commute_z + \beta_5 Family_z + \beta_6 Age_z \\
& (+ \sum_{s=1}^{49} \beta_{6+s} StateS_z)
\end{aligned}
\tag{1}
$$

2 Equation 2

$$
\begin{aligned}
PctIncPrice_z = {} & \beta_0 + \beta_1 Remote_z + \beta_2 Income_z \\
& + \beta_4 Commute_z + \beta_5 Family_z + \beta_6 Age_z \\
& + \beta_7 Remote_z * Commute_z \\
& + \beta_8 Remote_z * Family_z + \beta_9 Remote_z * Age_z \\
& (+ \sum_{s=1}^{49} \beta_{9+s} StateS_z)
\end{aligned}
\tag{2}
$$