

ECO220Y: Homework, Lecture 4

Readings: Chapter 7 and 8, handout “Economic Questions and Data”

Problems: Chapter 7: 30 (by hand), 34, 36, 45; Chapter 8: 2, 6, 7, 16, 29

(1) Below are the summaries of the original data collected by Sir Francis Galton on children' and their parents' height. How does the relationship differ on the first and second scatter plots? On the first and third scatter plots? Considering the descriptive statistics provided with the histograms, write down equations which describe the linear relationships depicted on the three scatter plots (Note: you should have three different equations).

