Distribution of the explanitory variables. Α В 6/6 662 200 600 Frequency 200 Frequency 150 100 50 36 45 Age (years) 18 27 54 64 male female Sex С D 120 689 649 600 90 Frequency 200 Frequency 60 30 0 0 53 north 25 43 south 15 34 $BMI\left(\frac{kg}{m^2}\right)$ Region (USA) F Ε 1200 -574 1064 600 -900 Frequency Frequency 400 324 600 240 200 157 274 300 25 18 0 0 1 2 3 4 Number of children Ó no 5 yes Smoker G 200 150 Frequency 100 50

40000

Price (\$)

60000

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20000