

FEM 11087 - Applied Microeconometrics

Assignment 1: Empirical Analysis

Regression Analysis with Cross-Sectional Data,
Endogeneity and Instrumental Variable Estimation

Group 23

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Question 1 [0.6 points]

First generate the variable BMI, where BMI equals weight in kg divided by height in meters squared ($BMI = \text{weight}/(\text{height}^2)$). Construct a categorical variable for BMI that considers the commonly used categories: i) underweight, BMI below 18.5; ii) normal weight, BMI larger or equal to 18.5 and lower than 25; iii) overweight, BMI larger or equal to 25 and lower than 30; iv) obese, BMI of 30 or higher. Compute and report the prevalence of overweight and obesity by ethnic group (black vs non-black). What differences do you observe?