# Problem Set #1

Danny Edgel
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The attached file, edgel_ps1_log.log, includes all console output for this problem set. The coefficients and standard errors of all requested regressions are reported in table 1 below. The label at the top of each column corresponds to the question for which the regression was run (e.g., "Q2" corresponds to the regression from question 2). For Question 6, which requests two regressions, the columns are labeled with the name of the specification.

The weights used in the variance-weighted least squares (VWLS) are the standard error of the OLS estimation.

0.0195  0.0227

### Table 1: Regression Results

| VARIABLES | (1) Q2 | (2) Q3 | (3) Q5 | (4) Logit | (5) Probit |
|---|---|---|---|---|---|
| Treated | 0.0444 | 0.0444 | 0.0520 | 0.334 | 0.184 |
| | (0.0337) | (0.0324) | (0.00356) | (0.252) | (0.138) |
| Client_Age | 0.000440 | 0.000440 | -0.000657 | 0.00328 | 0.00215 |
| | (0.00188) | (0.00184) | (0.000240) | (0.0138) | (0.00763) |
| Client_Married | 0.0299 | 0.0299 | 0.0371 | 0.233 | 0.133 |
| | (0.0482) | (0.0456) | (0.00708) | (0.366) | (0.200) |
| Client_Education | -0.00347 | -0.00347 | -0.00134 | -0.0248 | -0.0133 |
| | (0.00380) | (0.00374) | (0.000441) | (0.0274) | (0.0153) |
| HH_Income | 3.36e-06 | 3.36e-06 | 2.66e-06 | 2.30e-05 | 1.32e-05 |
| | (3.57e-06) | (3.72e-06) | (4.80e-07) | (2.43e-05) | (1.39e-05) |
| muslim | -0.0184 | -0.0184 | -0.0371 | -0.133 | -0.0713 |
| | (0.0357) | (0.0352) | (0.00377) | (0.259) | (0.144) |
| Hindu_SC_Kat | -0.0289 | -0.0289 | -0.0577 | -0.216 | -0.115 |
| | (0.0505) | (0.0492) | (0.00672) | (0.375) | (0.206) |
| Constant | 0.106 | 0.106 | 0.133 | -2.084 | -1.249 |
| | (0.0866) | (0.0758) | (0.0116) | (0.653) | (0.364) |

Standard errors in parentheses

**Table 2: Predicted Probabilities**

|  | LPM | Logit | Probit |
|---|---|---|---|
| Mean | 0.168 | 0.168 | 0.168 |
| Std. Dev. | 0.033 | 0.033 | 0.033 |
| Min | 0.077 | 0.091 | 0.088 |
| p5 | 0.112 | 0.117 | 0.115 |
| p25 | 0.145 | 0.143 | 0.144 |
| Median | 0.170 | 0.167 | 0.168 |
| p75 | 0.190 | 0.189 | 0.190 |
| p95 | 0.219 | 0.224 | 0.223 |
| Max | 0.287 | 0.313 | 0.312 |

**Table 3: Mean Partial Effects**

|  | LPM | Logit | Probit | Quartic LPM |
|---|---|---|---|---|
| Mean Partial Effect | 0.000440 | 0.000454 | - | - |
| 7a) | - | - | 0.000535 | - |
| 7b) | - | - | 0.000360 | - |
| 7c) | - | - | 0.000570 | 0.000560 |
| 7d) | - | - | 0.000534 | - |