The Effects of Private Schooling on University Acceptance in Catalonia

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$$\widehat{\text{accessed}} = \underset{(0.19146)}{-2.77300} + \underset{(0.046990)}{0.0297555}\,\text{gender} - \underset{(0.021391)}{0.0680255}\,\text{siblings} + \underset{(0.0043573)}{0.0249905}\,\text{mother\_first\_child}$$
$$+ \underset{(0.0064540)}{0.0771395}\,\text{start\_working} + \underset{(0.0047627)}{0.0368333}\,\text{public} + \underset{(0.0047160)}{0.0474416}\,\text{concerted} - \underset{(0.0064392)}{0.00408944}\,\text{private}$$
$$- \underset{(0.058475)}{0.0704215}\,\text{not\_married} + \underset{(0.11233)}{0.230092}\,\text{DprovinciaCP1\_2} + \underset{(0.11611)}{0.0972205}\,\text{DprovinciaCP1\_3}$$
$$+ \underset{(0.070062)}{0.101820}\,\text{DprovinciaCP1\_4} - \underset{(0.027344)}{0.0534770}\,\text{income\_proxy\_1} - \underset{(0.016422)}{0.0550874}\,\text{income\_proxy\_2}$$
$$- \underset{(0.014617)}{0.0117200}\,\text{income\_proxy\_3} + \underset{(0.014977)}{0.0208862}\,\text{income\_proxy\_4} + \underset{(0.025488)}{0.133805}\,\text{income\_proxy\_5}$$
$$+ \underset{(0.036446)}{0.0616098}\,\text{income\_proxy\_6} + \underset{(0.087002)}{0.533060}\,\text{mother\_accessed} + \underset{(0.072087)}{0.393306}\,\text{father\_accessed}$$
$$- \underset{(0.036964)}{0.0417978}\,\text{extra\_help} + \underset{(0.038279)}{0.171109}\,\text{sport}$$

$$n = 5817 \quad \bar{R}^2 = 0.0946 \quad \hat{\sigma} = 0.45454 \tag{1}$$

Number of cases 'correctly predicted' = 3954 (68.0%)

		Predicted	
		0	1
Actual	0	3151	477
	1	1386	803

$$\widehat{\text{accessed}} = \underset{(0.29531)}{-2.87470} + \underset{(0.070381)}{0.107303}\,\text{gender} - \underset{(0.030056)}{0.0535493}\,\text{siblings} + \underset{(0.0065428)}{0.0409082}\,\text{mother\_first\_child}$$

$$+ \underset{(0.011197)}{0.0670683}\,\text{start\_working} + \underset{(0.0075744)}{0.0377667}\,\text{public} + \underset{(0.0078251)}{0.0532650}\,\text{concerted} - \underset{(0.012237)}{0.00651901}\,\text{private}$$

$$- \underset{(0.075162)}{0.151105}\,\text{not\_married} + \underset{(0.15162)}{0.341704}\,\text{DprovinciaCP1\_2} + \underset{(0.16765)}{0.207722}\,\text{DprovinciaCP1\_3}$$

$$+ \underset{(0.098498)}{0.0960212}\,\text{DprovinciaCP1\_4} - \underset{(0.037553)}{0.0421118}\,\text{income\_proxy\_1} - \underset{(0.025930)}{0.0457818}\,\text{income\_proxy\_2}$$

$$- \underset{(0.022493)}{0.0263841}\,\text{income\_proxy\_3} + \underset{(0.022335)}{0.0121929}\,\text{income\_proxy\_4} + \underset{(0.031481)}{0.0887928}\,\text{income\_proxy\_5}$$

$$+ \underset{(0.048520)}{0.0443046}\,\text{income\_proxy\_6} + \underset{(0.10912)}{0.434549}\,\text{mother\_accessed} + \underset{(0.099822)}{0.288589}\,\text{father\_accessed}$$

$$- \underset{(0.055240)}{0.106252}\,\text{extra\_help} + \underset{(0.061205)}{0.243153}\,\text{sport}$$

$$n = 2536 \quad \bar{R}^2 = 0.0847 \quad \hat{\sigma} = 0.46908 \tag{2}$$

Number of cases 'correctly predicted' = 1664 (65.6%)

		Predicted	
		0	1
Actual	0	918	395
	1	477	746

$$\widehat{\text{accessed}} = \underset{(0.24803)}{-2.57859} - \underset{(0.065033)}{0.0606157}\,\text{gender} - \underset{(0.021556)}{0.0436761}\,\text{siblings} + \underset{(0.0059653)}{0.0112341}\,\text{mother\_first\_child}$$

$$+ \underset{(0.0082565)}{0.0907437}\,\text{start\_working} + \underset{(0.0063936)}{0.0231732}\,\text{public} + \underset{(0.0060272)}{0.0387798}\,\text{concerted} + \underset{(0.0075661)}{0.00339503}\,\text{private}$$

$$- \underset{(0.096816)}{0.131410}\,\text{not\_married} + \underset{(0.17549)}{0.109223}\,\text{DprovinciaCP1\_2} - \underset{(0.16862)}{0.0210675}\,\text{DprovinciaCP1\_3}$$

$$+ \underset{(0.10220)}{0.128037}\,\text{DprovinciaCP1\_4} - \underset{(0.043433)}{0.0997800}\,\text{income\_proxy\_1} - \underset{(0.021648)}{0.0640580}\,\text{income\_proxy\_2}$$

$$- \underset{(0.019989)}{0.0194972}\,\text{income\_proxy\_3} - \underset{(0.021216)}{0.0107159}\,\text{income\_proxy\_4} + \underset{(0.050233)}{0.139519}\,\text{income\_proxy\_5}$$

$$+ \underset{(0.056198)}{0.0413172}\,\text{income\_proxy\_6} + \underset{(0.15204)}{0.530460}\,\text{mother\_accessed} + \underset{(0.10533)}{0.434279}\,\text{father\_accessed}$$

$$- \underset{(0.050284)}{0.0657186}\,\text{extra\_help} + \underset{(0.050434)}{0.0439696}\,\text{sport}$$

$$n = 3281 \quad \bar{R}^2 = 0.0801 \quad \hat{\sigma} = 0.43202$$

(standard errors in parentheses)

Number of cases'correctly predicted' = 2403 (73.2%)

		Predicted	
		0	1
Actual	0	2193	122
	1	756	210