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Too few university graduates. Inclusiveness and effectiveness of the Italian higher education system

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Appendix

ADDITIONAL DESCRIPTIVE STATISTICS

Table A1. Student characteristics at enrolment (BA degrees), by school type (cohorts 2004 and 2010)

| Cohort 2004 | | | | | | |
|--------------------|---------------------|-------|-----|-----------|--------------------------------|--------------|
| | % matriculated age: | | | % females | Average final high school mark | % over total |
| | 18-19 | 20-21 | 22+ | | | |
| Traditional Lyceum | 82 | 14 | 4 | 61 | 78.47 | 47.7 |
| Other Lyceum | 62 | 20 | 18 | 87 | 78.69 | 9.8 |
| Technical | 54 | 21 | 25 | 44 | 77.42 | 23.4 |
| Vocational | 61 | 24 | 15 | 73 | 79.48 | 19.1 |
| TOTAL | 69 | 18 | 13 | 62 | 78.44 | 100 |
| Cohort 2010 | | | | | | |
| | % matriculated age: | | | % females | Average final high school mark | % over total |
| | 18-19 | 20-21 | 22+ | | | |
| Traditional Lyceum | 83 | 15 | 2 | 61 | 76.16 | 58.3 |
| Other Lyceum | 68 | 24 | 8 | 87 | 78.02 | 14.8 |
| Technical | 58 | 26 | 16 | 49 | 76.16 | 17.2 |
| Vocational | 47 | 33 | 20 | 61 | 76.27 | 9.7 |
| TOTAL | 73 | 20 | 7 | 63 | 76.45 | 100 |

NOTE. 3-years law students excluded from this table and from the analysis because institutional changes limit the comparability over time

GOODNESS OF FIT

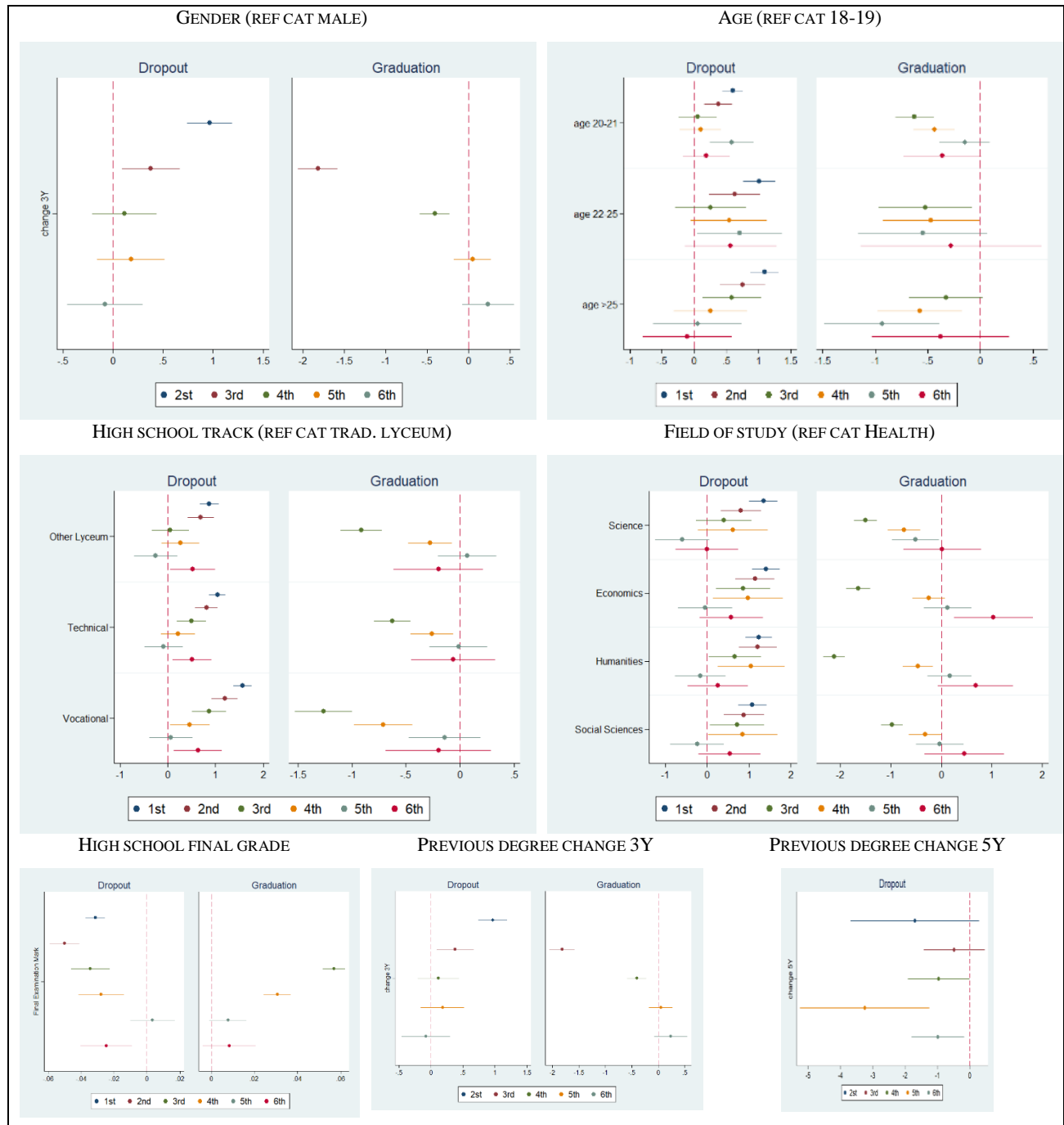
Table A2. Cumulative observed and predicted dropout/graduation probabilities (CIF), by academic year (cohort 2008)

| Year | Dropout | | | | | | Graduation | | | |
|------------------|----------------|----------|----------|----------|----------|----------|-------------------|----------|----------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 3 | 4 | 5 | 6 |
| Observed | 15.34% | 21.95% | 25.54% | 28.39% | 30.89% | 33.10% | 27.99% | 43.91% | 51.23% | 54.24% |
| Predicted | 15.65% | 22.23% | 25.86% | 28.76% | 31.27% | 33.58% | 27.75% | 43.72% | 51.16% | 54.37% |

STEP-BY-STEP MODEL ESTIMATES

Figure A1 displays ‘step-by-step’ coefficient estimates for the 2008 matriculation cohort, by year after enrolment (years 1-6 for dropout, years 3-6 for graduation).

Figure A1. Step-by-step model estimates



NOTE. We report coefficients' point estimates and confidence intervals (bars) for the options corresponding to destination states. For the change to longer degrees, we do not report estimates relative to the graduation option, because chances to graduate in the first 4 years are nil.