**Appendix A: requested tables**

**Table 1: Reduced form class size estimates for 1991 (full sample)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 5th Graders | | 4th Graders | |
|  | (1) | (2) | (7) | (8) |
| Mean | 29.9 | | 30.3 | |
| (s.d.) | (6.5) | | (6.3) | |
|  | 0.704 | 0.544 | 0.773 | 0.673 |
|  | (0.025) | (0.037) | (0.017) | (0.033) |
| Percent disadvantaged | -0.076 | -0.054 | -0.054 | -0.040 |
|  | (0.011) | (0.010) | (0.008) | (0.009) |
| Enrolment |  | 0.043 |  | 0.026 |
|  |  | (0.006) |  | (0.005) |
| Root MSE | 4.551 | 4.380 | 4.193 | 4.128 |
|  | 0.517 | 0.553 | 0.564 | 0.578 |
| N | 2024 |  | 2053 |  |

*Note: standard errors in parentheses.*

**Table 2: OLS estimates for 1991**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 5th Grade | | | | | | 4th Grade | | | | | |
|  | Reading comprehension | | | Math | | | Reading comprehension | | | Math | | |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) |
| Mean score | 74.4 | | | 67.3 | | | 72.5 | | | 68.9 | | |
| (s.d.) | (7.7) | | | (9.6) | | | (8.0) | | | (8.8) | | |
| Class size | 0.221 | -0.031 | -0.025 | 0.322 | 0.076 | 0.019 | 0.141 | -0.053 | -0.040 | 0.221 | 0.055 | 0.009 |
|  | (0.034) | (0.026) | (0.033) | (0.040) | (0.036) | (0.042) | (0.035) | (0.028) | (0.032) | (0.039) | (0.036) | (0.040) |
| Per cent disadvantaged |  | -0.350 | -0.351 |  | -0.340 | -0.332 |  | -0.339 | -0.341 |  | -0.289 | -0.281 |
|  |  | (0.014) | (0.015) |  | (0.018) | (0.019) |  | (0.015) | (0.016) |  | (0.017) | (0.017) |
| Enrolment |  |  | -0.002 |  |  | 0.017 |  |  | -0.004 |  |  | 0.014 |
|  |  |  | (0.006) |  |  | (0.008) |  |  | (0.006) |  |  | (0.007) |
| Root MSE | 7.54 | 6.10 | 6.10 | 9.36 | 8.32 | 8.31 | 7.94 | 6.65 | 6.65 | 8.66 | 7.82 | 7.81 |
|  | 0.035 | 0.367 | 0.367 | 0.048 | 0.248 | 0.251 | 0.013 | 0.309 | 0.309 | 0.025 | 0.204 | 0.207 |
| N | 2019 |  |  | 2018 |  |  | 2049 |  |  | 2049 |  |  |

*Note: standard errors in parentheses.*

**Table 3: Reduced form class size estimates for 1991 (full sample)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 5th Graders | | | | 4th Graders | | | |
|  | Reading comprehension | | Math | | Reading comprehension | | Math | |
|  | (3) | (4) | (5) | (6) | (9) | (10) | (11) | (12) |
| Mean | 74.4 | | 67.3 | | 72.5 | | 68.9 | |
| (s.d.) | (7.7) | | (9.6) | | (8.0) | | (8.8) | |
|  | -0.111 | -0.150 | -0.009 | -0.125 | -0.085 | -0.089 | 0.038 | -0.033 |
|  | (0.029) | (0.039) | (0.041) | (0.051) | (0.031) | (0.040) | (0.040) | (0.050) |
| Percent disadvantaged | -0.359 | -0.354 | -0.354 | -0.337 | -0.340 | -0.340 | -0.292 | -0.282 |
|  | (0.014) | (0.015) | (0.018) | (0.019) | (0.015) | (0.016) | (0.017) | (0.017) |
| Enrolment |  | 0.010 |  | 0.031 |  | 0.001 |  | 0.019 |
|  |  | (0.006) |  | (0.008) |  | (0.007) |  | (0.008) |
| Root MSE | 6.085 | 6.079 | 8.340 | 8.294 | 6.635 | 6.637 | 7.829 | 7.813 |
|  | 0.374 | 0.375 | 0.246 | 0.254 | 0.311 | 0.311 | 0.203 | 0.207 |
| N | 2019 |  |  |  | 2049 |  |  |  |

*Note: standard errors in parentheses.*

**Table 4: Full sample 2SLS estimates for 1991 (5th Graders)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Reading comprehension | | | Math | | |
|  | (1) | (2) | (3) | (7) | (8) | (9) |
| Mean score | 74.4 | | | 67.3 | | |
| (s.d.) | (7.7) | | | (9.6) | | |
| Class size | -0.158 | -0.277 | -0.263 | -0.013 | -0.231 | -0.264 |
|  | (0.042) | (0.076) | (0.094) | (0.058) | (0.098) | (0.123) |
| Per cent disadvantaged | -0.371 | -0.369 | -0.369 | -0.355 | -0.350 | -0.350 |
|  | (0.016) | (0.016) | (0.016) | (0.020) | (0.020) | (0.020) |
| Enrolment |  | 0.022 | 0.013 |  | 0.041 | 0.063 |
|  |  | (0.009) | (0.026) |  | (0.012) | (0.036) |
| Enrolment squared/100 |  |  | 0.004 |  |  | -0.010 |
|  |  |  | (0.010) |  |  | (0.014) |
| Root MSE | 6.161 | 6.242 | 6.228 | 8.339 | 8.400 | 8.425 |
| N | 2019 |  |  | 2018 |  |  |

*Note: standard errors in parentheses.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 5th Grade | | | | | |
|  | Reading comprehension | | | Math | | |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Mean score | 74.4 | | | 67.3 | | |
| (s.d.) | (7.7) | | | (9.6) | | |
| Class size | 0.221 | -0.031 | -0.025 | 0.322 | 0.076 | 0.019 |
|  | (0.034) | (0.026) | (0.033) | (0.040) | (0.036) | (0.042) |
| Per cent disadvantaged |  | -0.350 | -0.351 |  | -0.340 | -0.332 |
|  |  | (0.014) | (0.015) |  | (0.018) | (0.019) |
| Enrolment |  |  | -0.002 |  |  | 0.017 |
|  |  |  | (0.006) |  |  | (0.008) |
| Root MSE | 7.54 | 6.10 | 6.10 | 9.36 | 8.32 | 8.31 |
|  | 0.035 | 0.367 | 0.367 | 0.048 | 0.248 | 0.251 |
| N | 2019 |  |  | 2018 |  |  |