

Online Appendix to:

Incentives and Responses under *No Child Left Behind*: Credible
threats and the Role of Competition

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**Table B1: Testing Validity of RD Analysis: Looking for Discontinuities in Pre-Program Characteristics
(Sample of Schools that Missed/Made Math Cutoff)**

| Panel A | % at or above Proficient | | | | |
|---------|--------------------------------|--|-------------------------------------|----------------------------------|---------------------------|
| | Reading (1) | Language Arts (2) | Math (3) | Science (4) | Social Studies (5) |
| | -0.50 (4.73) | -1.30 (4.93) | -2.37 (6.42) | -1.06 (7.15) | 0.96 (4.80) |
| Panel B | % Tested | | | | |
| | Reading (6) | Language Arts (7) | Math (8) | Science (9) | Social Studies (10) |
| | 1.11 (1.31) | 1.40 (1.29) | 0.86 (1.32) | 0.65 (1.40) | 0.64 (1.45) |
| Panel C | % White (11) | % Black (12) | % Hispanic (13) | % Asian (14) | % American Indian (15) |
| | | -0.88 (10.78) | 6.14 (11.39) | -4.97 (5.07) | -0.78 (1.92) |
| Panel D | % Male (16) | % Free/Reduced Price Lunch (17) | No. of Subgroups Counted (18) | Real PPE (19) | Attendance Rate (20) |
| | | 0.01 (0.01) | 0.33 (10.35) | -0.53 (0.50) | -1.12 (1.51) |
| Panel E | Whites Counted (21) | Blacks Counted (22) | Hispanics Counted (23) | Asians Counted (24) | |
| | | -0.11 (0.15) | -0.09 (0.15) | 0.01 (0.11) | -0.02 (0.02) |
| Panel F | Am. Indians Counted (25) | Limited English Prof. Counted (26) | Special Ed. Counted (27) | Econ. Disadv. Counted (28) | |
| | | -0.08 (0.08) | -0.06 (0.05) | -0.02 (0.16) | 0.00 (0.20) |
| Panel G | Failed Reading AYP (29) | Failed TP AYP (30) | Failed OI AYP (31) | | |
| | | -0.12 (0.10) | 0.02 (0.17) | -0.03 (0.06) | |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses.

Table B2: Effect of “Threatened Status” on Percent of Economically Disadvantaged and Special Education Students Scoring in Various Proficiency Categories

| | Economically Disadvantaged Students | | | | | Special Education Students | | | | |
|------------------------------------|-------------------------------------|-------------------|---------------------|--------------------|---------------------|----------------------------|-------------------|-----------------|-----------------|----------------------|
| | % Min (1) | % Basic (2) | % Prf (3) | % Adv (4) | % At/Abv Prf (5) | % Min (6) | % Basic (7) | % Prf (8) | % Adv (9) | % At/Abv Prf (10) |
| Reading | 11.54*** (4.46) | 2.96 (2.89) | -9.94 (7.49) | -4.56 (6.30) | -14.50*** (4.91) | 5.50 (6.26) | 0.28 (3.16) | -4.92 (5.04) | -0.86 (3.69) | -5.78 (6.72) |
| Observations | 125 | 125 | 125 | 125 | 125 | 65 | 65 | 65 | 65 | 65 |
| R ² | 0.33 | 0.21 | 0.28 | 0.32 | 0.37 | 0.27 | 0.11 | 0.24 | 0.42 | 0.23 |
| Bandwidth | 7.48 | 7.48 | 7.48 | 7.48 | 7.48 | 8.41 | 8.41 | 8.41 | 8.41 | 8.41 |
| Over-id. test p-value ¹ | 0.38 | 0.34 | 0.63 | 0.63 | 0.21 | 0.23 | 0.18 | 0.58 | 0.34 | 0.62 |
| Language Arts | 14.30** (5.97) | 6.90*** (2.20) | -15.79*** (5.00) | -5.40*** (1.89) | -21.20*** (5.29) | 5.49 (7.58) | 0.49 (5.52) | -4.68 (4.81) | -1.30 (1.78) | -5.97 (6.10) |
| Observations | 125 | 125 | 125 | 125 | 125 | 65 | 65 | 65 | 65 | 65 |
| R ² | 0.26 | 0.12 | 0.18 | 0.27 | 0.24 | 0.51 | 0.36 | 0.39 | 0.14 | 0.35 |
| Bandwidth | 7.48 | 7.48 | 7.48 | 7.48 | 7.48 | 8.41 | 8.41 | 8.41 | 8.41 | 8.41 |
| Over-id. test p-value ¹ | 0.71 | 0.97 | 0.86 | 0.92 | 0.95 | 0.56 | 0.25 | 0.35 | 0.12 | 0.20 |
| Math | 9.69 (6.32) | -1.59 (2.76) | -9.70*** (3.69) | 1.60 (3.75) | -8.10 (6.66) | 8.03** (3.62) | -4.09* (2.42) | -3.25 (2.80) | -0.68 (1.99) | -3.94 (3.95) |
| Observations | 125 | 125 | 125 | 125 | 125 | 65 | 65 | 65 | 65 | 65 |
| R ² | 0.41 | 0.12 | 0.43 | 0.10 | 0.34 | 0.58 | 0.35 | 0.45 | 0.26 | 0.45 |
| Bandwidth | 7.48 | 7.48 | 7.48 | 7.48 | 7.48 | 8.41 | 8.41 | 8.41 | 8.41 | 8.41 |
| Over-id. test p-value ¹ | 0.31 | 0.96 | 0.33 | 0.34 | 0.17 | 0.24 | 0.18 | 0.09 | 0.45 | 0.13 |
| Science | 18.90*** (4.84) | -5.12 (3.93) | -8.23*** (3.04) | -5.55 (4.13) | -13.78** (6.48) | 11.19** (5.11) | -4.47 (3.81) | -5.30 (3.31) | -1.42 (2.73) | -6.72* (3.79) |
| Observations | 125 | 125 | 125 | 125 | 125 | 65 | 65 | 65 | 65 | 65 |
| R ² | 0.43 | 0.27 | 0.41 | 0.27 | 0.42 | 0.45 | 0.35 | 0.45 | 0.37 | 0.51 |
| Bandwidth | 7.48 | 7.48 | 7.48 | 7.48 | 7.48 | 8.41 | 8.41 | 8.41 | 8.41 | 8.41 |
| Over-id. test p-value ¹ | 0.40 | 0.55 | 0.74 | 0.84 | 0.54 | 0.20 | 0.41 | 0.35 | 0.46 | 0.64 |
| Social Studies | 16.01*** (5.44) | 1.40 (4.39) | -10.84** (4.69) | -6.58 (4.18) | -17.42*** (4.37) | 15.22** (7.66) | -7.37** (3.51) | -3.35 (3.64) | -4.51 (3.86) | -7.85 (6.01) |
| Observations | 125 | 125 | 125 | 125 | 125 | 65 | 65 | 65 | 65 | 65 |
| R ² | 0.37 | 0.23 | 0.17 | 0.27 | 0.37 | 0.32 | 0.51 | 0.32 | 0.22 | 0.26 |
| Bandwidth | 7.48 | 7.48 | 7.48 | 7.48 | 7.48 | 8.41 | 8.41 | 8.41 | 8.41 | 8.41 |
| Over-id. test p-value ¹ | 0.65 | 0.81 | 0.40 | 0.63 | 0.31 | 0.24 | 0.11 | 0.41 | 0.50 | 0.44 |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses. All regressions include controls for racial composition, gender composition, percentage of students eligible for free/reduced price lunches, and real per pupil expenditures. The regressions in this table use indicators of criteria missed as instruments in addition to F.

¹ Reports p-value for Wooldridge’s (1995) robust score test of over-identifying restrictions. Sargan’s (1958) and Basman’s (1960) tests of over-identifying restrictions give similar results; Wooldridge’s test is reported here as it is robust to heteroskedasticity.

Table B3: Effect of “Threatened Status” on Percent of White Students Scoring in Various Proficiency Categories

| | Sample With Min. Cell Size for Whites | | | | | Sample With Min. Cell Size for Econ. Disadvantaged Students | | | | |
|------------------------------------|---------------------------------------|--------------------|------------------|------------------|---------------------|---|--------------------|-------------------|-------------------|----------------------|
| | % Min (1) | % Basic (2) | % Prf (3) | % Adv (4) | % At/Abv Prf (5) | % Min (6) | % Basic (7) | % Prf (8) | % Adv (9) | % At/Abv Prf (10) |
| Reading | -1.86 (5.09) | -0.58 (5.51) | -6.77 (13.58) | 8.68* (5.20) | 1.28 (10.08) | -0.42 (2.30) | -0.30 (2.29) | -8.45* (4.94) | 9.17*** (3.38) | 0.72 (4.49) |
| Observations | 595 | 595 | 595 | 595 | 595 | 104 | 104 | 104 | 104 | 104 |
| R ² | 0.13 | 0.20 | 0.17 | 0.31 | 0.22 | 0.28 | 0.19 | 0.40 | 0.58 | 0.26 |
| Bandwidth | 5.71 | 5.71 | 5.71 | 5.71 | 5.71 | 11.70 | 11.70 | 11.70 | 11.70 | 11.70 |
| Over-id. test p-value ¹ | 0.13 | 0.10 | 0.38 | 0.64 | 0.11 | 0.09 | 0.16 | 0.29 | 0.86 | 0.13 |
| Language Arts | -3.57 (3.62) | -5.07 (6.56) | -2.01 (4.32) | 10.66 (11.25) | 8.64 (9.73) | 0.23 (1.31) | 1.00 (2.48) | -0.28 (2.35) | -0.95 (5.10) | -1.23 (3.44) |
| Observations | 595 | 595 | 595 | 595 | 595 | 104 | 104 | 104 | 104 | 104 |
| R ² | 0.20 | 0.19 | 0.12 | 0.24 | 0.25 | 0.48 | 0.25 | 0.30 | 0.24 | 0.44 |
| Bandwidth | 5.71 | 5.71 | 5.71 | 5.71 | 5.71 | 11.70 | 11.70 | 11.70 | 11.70 | 11.70 |
| Over-id. test p-value ¹ | 0.24 | 0.41 | 0.45 | 0.49 | 0.26 | 0.06 | 0.41 | 0.21 | 0.26 | 0.23 |
| Math | -1.54 (6.38) | -9.45*** (3.61) | -7.40 (5.63) | 18.39 (11.32) | 10.99 (8.62) | -4.55 (3.22) | -3.88* (2.03) | -2.12 (2.57) | 10.55** (4.39) | 8.43** (3.70) |
| Observations | 595 | 595 | 595 | 595 | 595 | 104 | 104 | 104 | 104 | 104 |
| R ² | 0.26 | 0.16 | 0.06 | 0.29 | 0.30 | 0.47 | 0.39 | 0.23 | 0.47 | 0.55 |
| Bandwidth | 5.71 | 5.71 | 5.71 | 5.71 | 5.71 | 11.70 | 11.70 | 11.70 | 11.70 | 11.70 |
| Over-id. test p-value ¹ | 0.33 | 0.86 | 0.57 | 0.50 | 0.55 | 0.21 | 0.36 | 0.27 | 0.52 | 0.30 |
| Science | -1.91 (7.24) | -0.60 (4.78) | -1.70 (5.97) | 4.20 (8.57) | 2.51 (10.53) | 1.58 (2.84) | -3.53 (2.28) | -6.57** (3.19) | 8.52*** (3.30) | 1.95 (4.35) |
| Observations | 595 | 595 | 595 | 595 | 595 | 104 | 104 | 104 | 104 | 104 |
| R ² | 0.13 | 0.22 | 0.13 | 0.29 | 0.21 | 0.28 | 0.43 | 0.35 | 0.54 | 0.45 |
| Bandwidth | 5.71 | 5.71 | 5.71 | 5.71 | 5.71 | 11.70 | 11.70 | 11.70 | 11.70 | 11.70 |
| Over-id. test p-value ¹ | 0.12 | 0.64 | 0.50 | 0.43 | 0.20 | 0.15 | 0.49 | 0.38 | 0.58 | 0.11 |
| Social Studies | -1.66 (10.27) | -6.29** (3.18) | -6.35 (5.66) | 14.31 (11.99) | 7.96 (9.39) | 2.90 (3.77) | -4.16*** (1.40) | -5.04** (2.53) | 6.30 (5.71) | 1.26 (4.19) |
| Observations | 595 | 595 | 595 | 595 | 595 | 104 | 104 | 104 | 104 | 104 |
| R ² | 0.11 | 0.15 | 0.21 | 0.21 | 0.13 | 0.22 | 0.44 | 0.24 | 0.27 | 0.24 |
| Bandwidth | 5.71 | 5.71 | 5.71 | 5.71 | 5.71 | 11.70 | 11.70 | 11.70 | 11.70 | 11.70 |
| Over-id. test p-value ¹ | 0.43 | 0.72 | 0.39 | 0.50 | 0.52 | 0.26 | 0.55 | 0.45 | 0.11 | 0.18 |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses. All regressions include controls for racial composition, gender composition, percentage of students eligible for free/reduced price lunches, and real per pupil expenditures. The regressions in this table use indicators of criteria failed as instruments in addition to F.

¹ Reports p-value for Wooldridge’s (1995) robust score test of over-identifying restrictions. Sargan’s (1958) and Basman’s (1960) tests of over-identifying restrictions give similar results; Wooldridge’s test is reported here as it is robust to heteroskedasticity.

Table B4: Effect of “Threatened Status” on Percent of Students Scoring in Various Proficiency Categories, Grades 4, 8, and 10

| | Restricted Sample | | | | | | | | | |
|----------------|--------------------|-------------------|------------------|-------------------|----------------------|--------------------|------------------|---------------------|---------------------|----------------------|
| | Grade 4 | | | | | Grade 8 | | | | |
| | % Min (1) | % Basic (2) | % Prf (3) | % Adv (4) | % At/Abv Prf (5) | % Min (6) | % Basic (7) | % Prf (8) | % Adv (9) | % At/Abv Prf (10) |
| Reading | 4.11 (5.13) | -13.99* (7.59) | 6.94 (5.03) | 2.94 (4.03) | 9.89** (4.54) | 20.31 (16.62) | 6.11* (3.50) | -19.74 (25.74) | -6.68 (7.14) | -26.42 (19.12) |
| Observations | 691 | 691 | 691 | 691 | 691 | 446 | 446 | 446 | 446 | 446 |
| Lang. Arts | -4.73*** (1.65) | -6.92* (4.12) | 8.92 (5.71) | 2.72 (6.46) | 11.64** (4.82) | 28.94 (23.98) | -1.41 (14.41) | -13.96 (9.31) | -13.58*** (2.36) | -27.53*** (10.37) |
| Observations | 691 | 691 | 691 | 691 | 691 | 446 | 446 | 446 | 446 | 446 |
| Math | 18.14 (16.38) | -8.47 (5.61) | -2.62 (13.80) | -7.04** (4.39) | -9.66 (12.48) | 24.98 (19.71) | -6.31 (8.60) | -10.38 (15.42) | -8.29 (5.12) | -18.67 (11.47) |
| Observations | 691 | 691 | 691 | 691 | 691 | 446 | 446 | 446 | 446 | 446 |
| Science | 5.07 (3.64) | 4.98 (8.23) | -5.35 (8.86) | -4.70 (4.35) | -10.05 (11.38) | 22.58** (11.12) | -2.58 (11.94) | -13.03*** (4.44) | -6.97 (5.91) | -20.00*** (2.56) |
| Observations | 691 | 691 | 691 | 691 | 691 | 446 | 446 | 446 | 446 | 446 |
| Social Studies | 12.03 (7.89) | 3.29 (3.21) | -9.84* (5.54) | -5.47 (5.77) | -15.32 (10.59) | 9.23 (6.39) | 1.42 (0.92) | -1.05 (12.30) | -9.61 (6.42) | -10.65 (6.72) |
| Observations | 691 | 691 | 691 | 691 | 691 | 446 | 446 | 446 | 446 | 446 |
| | Grade 10 | | | | | | | | | |
| | % Min (11) | % Basic (12) | % Prf (13) | % Adv (14) | % At/Abv Prf (15) | | | | | |
| Reading | 0.93 (4.88) | 3.48 (7.25) | -6.94 (4.67) | 2.53 (8.26) | -4.41 (10.82) | | | | | |
| Observations | 345 | 345 | 345 | 345 | 345 | | | | | |
| Lang. Arts | 8.33 (7.04) | -3.41 (3.02) | -2.50 (7.44) | -2.42 (3.77) | -4.92 (8.25) | | | | | |
| Observations | 345 | 345 | 345 | 345 | 345 | | | | | |
| Math | 2.08 (5.54) | 2.54 (3.10) | -8.25 (6.88) | 3.62 (4.78) | -4.62 (6.21) | | | | | |
| Observations | 345 | 345 | 345 | 345 | 345 | | | | | |
| Science | -0.66 (4.48) | 7.00* (4.09) | -4.09 (7.12) | -2.24 (4.77) | -6.34 (6.42) | | | | | |
| Observations | 345 | 345 | 345 | 345 | 345 | | | | | |
| Social Studies | 1.50 (6.11) | -3.20** (1.50) | 2.86 (5.25) | -1.16 (4.29) | 1.71 (6.28) | | | | | |
| Observations | 345 | 345 | 345 | 345 | 345 | | | | | |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses. All regressions include controls for racial composition, gender composition, percentage of students eligible for free/reduced price lunches, and real per pupil expenditures.

**Table B5: Investigating the Robustness of Impact Estimates to Alternative Bandwidths and Inclusion of Controls
(Sample of Schools that Just Missed/Made Math Cutoff & Sample that Just Missed/Made Reading Cutoff)**

| | % At or Above Proficient | | | | | |
|----------------|--------------------------|------------------|--------------------|--------------------|--------------------|---------------------|
| | Math Sample | | | Reading Sample | | |
| | 10 | 15 | 20 | 10 | 15 | 20 |
| Panel A | (1) | (2) | (3) | (4) | (5) | (6) |
| Reading | -7.38 (8.68) | -8.08 (8.89) | -8.21 (9.96) | 8.24** (4.13) | 7.70* (4.59) | 7.83* (4.20) |
| Observations | 130 | 149 | 189 | 138 | 211 | 368 |
| R ² | 0.61 | 0.62 | 0.60 | 0.64 | 0.52 | 0.47 |
| Math | 6.19** (3.14) | 6.46* (3.84) | 6.24* (3.05) | -18.53** (8.41) | -20.65** (9.38) | -20.76*** (5.83) |
| Observations | 130 | 149 | 189 | 138 | 211 | 368 |
| R ² | 0.67 | 0.70 | 0.59 | 0.55 | 0.48 | 0.51 |
| | % At or Above Proficient | | | | | |
| | Math Sample | | Reading Sample | | | |
| | (1) | (2) | (3) | (4) | | |
| Panel B | | | | | | |
| Reading | -9.01 (9.25) | -7.38 (8.68) | 7.55* (4.40) | 8.24** (4.13) | | |
| Observations | 133 | 130 | 142 | 138 | | |
| R ² | 0.60 | 0.61 | 0.63 | 0.64 | | |
| Bandwidth | 10.00 | 10.00 | 10.00 | 10.00 | | |
| Math | 5.31* (3.18) | 6.19** (3.14) | -19.69* (10.16) | -18.53* (8.41) | | |
| Controls | N | Y | N | Y | | |
| Observations | 133 | 130 | 142 | 138 | | |
| R ² | 0.67 | 0.67 | 0.53 | 0.55 | | |
| Bandwidth | 10.00 | 10.00 | 10.00 | 10.00 | | |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses. Controls include racial composition, gender composition, percentage of students eligible for free/reduced price lunches, and real per pupil expenditure. “Math sample” denotes the sample of schools that just missed/made the math cutoff. “Reading sample” denotes the sample of schools that just missed/made the reading cutoff.

B6: Examining Effect of “Threatened Status” after Controlling for Subgroup Accountability

| | | | | | | Using Indicators of Cutoffs Missed as Additional Instruments | | | | |
|----------------|------------------|-------------------|------------------|-------------------|-----------------|---|--------------------|-----------------|-------------------|------------------|
| | % Min | % Basic | % Prf | % Adv | % At/Abv Prf | % Min | % Basic | % Prf | % Adv | % At/Abv Prf |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) |
| Reading | 1.84 (5.63) | -5.95 (4.49) | -6.51 (6.06) | 10.61** (5.39) | 4.10 (5.64) | -0.84 (3.59) | -5.05 (3.31) | -7.22 (5.84) | 13.12** (5.23) | 5.89 (5.12) |
| Observations | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 |
| R ² | 0.28 | 0.29 | 0.16 | 0.43 | 0.35 | 0.27 | 0.29 | 0.16 | 0.43 | 0.35 |
| Bandwidth | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 |
| Lang. Arts | -1.00 (3.36) | -7.50** (3.32) | 3.55 (5.80) | 4.95 (7.90) | 8.50 (5.84) | -3.86 (3.03) | -7.04** (2.98) | 5.25 (5.65) | 5.65 (6.81) | 10.89* (5.56) |
| Observations | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 |
| R ² | 0.31 | 0.22 | 0.06 | 0.21 | 0.33 | 0.30 | 0.22 | 0.06 | 0.21 | 0.32 |
| Bandwidth | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 |
| Math | 8.64 (9.10) | -5.62* (3.40) | -2.15 (6.24) | -0.87 (3.29) | -3.02 (7.41) | 1.26 (5.76) | -5.79* (3.00) | 2.58 (4.14) | 1.95 (3.28) | 4.53 (5.09) |
| Observations | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 |
| R ² | 0.51 | 0.16 | 0.17 | 0.30 | 0.47 | 0.51 | 0.16 | 0.16 | 0.30 | 0.46 |
| Bandwidth | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 |
| Science | -2.92 (4.16) | 3.66 (5.69) | 3.36 (8.07) | -4.09 (3.55) | -0.74 (7.15) | -2.96 (4.07) | -2.50 (3.53) | 7.62 (6.26) | -2.17 (3.37) | 5.45 (5.30) |
| Observations | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 |
| R ² | 0.35 | 0.48 | 0.18 | 0.39 | 0.52 | 0.35 | 0.49 | 0.17 | 0.40 | 0.51 |
| Bandwidth | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 |
| Social Studies | 10.61 (10.27) | -6.11** (3.05) | -10.50 (6.70) | 6.00 (7.06) | -4.50 (8.64) | 3.14 (4.93) | -5.21*** (1.81) | -5.82 (4.15) | 7.88 (6.12) | 2.07 (4.93) |
| Observations | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 | 1328 |
| R ² | 0.20 | 0.38 | 0.16 | 0.31 | 0.37 | 0.21 | 0.39 | 0.16 | 0.31 | 0.35 |
| Bandwidth | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 | 6.69 |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses. All regressions include controls for racial composition, gender composition, percentage of students eligible for free/reduced price lunches, real per pupil expenditures and whether each subgroup was accountable.

Table B7: Looking for Discontinuities in Pre-Program Characteristics at the Cutoff
(Sample of Schools that Just Missed/Made Math Cutoff, 2003-04 and 2004-05)

| Panel A | % at or above Proficient | | | | |
|---------|---|--|-------------------------------------|----------------------------------|---------------------------|
| | Reading (1) | Language Arts (2) | Math (3) | Science (4) | Social Studies (5) |
| | -2.31 (3.55) | -1.18 (3.51) | -2.88 (4.23) | -1.45 (4.34) | 1.45 (4.04) |
| Panel B | % Tested | | | | |
| | Reading (6) | Language Arts (7) | Math (8) | Science (9) | Social Studies (10) |
| | -1.11 (1.66) | -0.99 (1.66) | -1.18 (1.67) | -1.14 (1.75) | -1.14 (1.79) |
| Panel C | % White (11) | % Black (12) | % Hispanic (13) | % Asian (14) | % American Indian (15) |
| | -2.67 (7.36) | 6.95 (8.56) | -2.71 (4.81) | -1.13 (1.29) | -0.44 (3.37) |
| Panel D | % Male (16) | % Free/Reduced Price Lunch (17) | No. of Subgroups Counted (18) | Real PPE (19) | Attendance Rate (20) |
| | 0.00 (0.01) | 2.38 (7.10) | -0.59 (0.39) | -0.13 (1.27) | 0.03 (1.25) |
| Panel E | Whites Counted (21) | Blacks Counted (22) | Hispanics Counted (23) | Asians Counted (24) | |
| | -0.14 (0.11) | -0.05 (0.11) | -0.09 (0.08) | -0.01 (0.04) | |
| Panel F | Am. Indians Counted (25) | Limited English Prof. Counted (26) | Special Ed. Counted (27) | Econ. Disadv. Counted (28) | |
| | -0.03 (0.05) | -0.05 (0.06) | -0.07 (0.12) | -0.10 (0.14) | |
| Panel G | Failed Reading AYP (29) | Failed TP AYP (30) | Failed OI AYP (31) | | |
| | 0.00 (0.10) | -0.01 (0.11) | -0.02 (0.05) | | |
| Panel H | Testing Continuity in History of 2004 Schools | | | | |
| | Failed AYP 2003 (32) | Failed Reading AYP 2003 (33) | Failed TP AYP 2003 (34) | Failed OI AYP 2003 (35) | |
| | -0.16 (0.13) | -0.11 (0.09) | -0.04 (0.13) | -0.08 (0.05) | |

*, **, ***: significant at the 10, 5, and 1 percent level, respectively. Robust standard errors adjusted for clustering by school district are in parentheses.