# ONLINE APPENDIX

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| TABLE B.1: The Impact of Exposure to the Education Reform on Husband’s Characteristics |
|   | (1) | (2) | (3) | (4) | (5) | (6)  | (7) |
| *Time Trend* | **Linear Time Trend** | **Quadratic Time Trend** |
| *Bandwidth (years)* | 5 | 6 | 7 | 8 | 9 | 8 | 9 |
| **Panel A: All mothers** |
| Husband education | 0.069 | 0.088\* | 0.079 | 0.098\*\* | 0.059 | 0.031 | 0.112\* |
|  | (0.056) | (0.048) | (0.045) | (0.043) | (0.047) | (0.074) | (0.062) |
|  | [0.498] | [0.329] | [0.231] | [0.125] | [0.299] | [0.812] | [0.393] |
| Mean | 0.649 | 0.650 | 0.642 | 0.641 | 0.636 | 0.641 | 0.636 |
| Husband age | 0.602 | 0.654 | 0.397 | 0.164 | 0.112 | 0.845 | 0.745 |
|  | (0.541) | (0.440) | (0.359) | (0.358) | (0.313) | (0.664) | (0.634) |
|  | [0.419] | [0.226] | [0.366] | [0.694] | [0.745] | 0.263 | [0.343] |
| Mean | 33.59 | 33.86 | 34.20 | 34.47 | 34.66 | 34.47 | 34.66 |
| No. Obs. | 917 | 1,042 | 1,171 | 1,264 | 1,345 | 1,264 | 1,345 |
| **Panel B: Non-college graduated mothers**  |
| Husband education | 0.083 | 0.121\*\* | 0.125\*\* | 0.139\*\* | 0.099\* | 0.032 | 0.129\* |
|  | (0.059) | (0.054) | (0.049) | (0.048) | (0.049) | (0.081) | (0.070) |
|  | [0.407] | [0.193] | [0.078] | [0.042] | [0.112] | [0.809] | [0.373] |
| Mean | 0.579 | 0.582 | 0.578 | 0.576 | 0.572 | 0.576 | 0.572 |
| Husband age | -0.105 | 0.113 | -0.164 | -0.371 | -0.418 | 0.089 | 0.078 |
|  | (0.502) | (0.458) | (0.396) | (0.382) | (0.339) | (0.609) | (0.634) |
|  | 0.847 | [0.811] | [0.726] | [0.467] | [0.347] | [0.907] | [0.920] |
| Mean | 33.63 | 33.89 | 34.27 | 34.52 | 34.69 | 34.52 | 34.69 |
| No. Obs. | 757 | 864 | 980 | 1,058 | 1,129 | 1,058 | 1,129 |
| *Notes: Reform* is a binary variable equal to 1 if the individual was born after 1986, and 0 otherwise. The 1986 cohort is excluded. *Husband education* is a dependent variable that takes value 1 if the mothers’ husband has at least middle school degree and 0 otherwise. The control variables include split linear and quadratic time trends, the survey-month fixed effects, and the survey-year fixed effects. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. Source: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.2: The Impact of Exposure to the Education Reform on Covariates |
|   | (1) | (2) | (3) | (4) | (5) | (6)  | (7) | (8) | (9) |
| *Dependent Variables:* | West | South | Center | North | East | Total number of children | Mothers with child aged 0-2 | Age of First-Born Child | Age of Last-Born Child |
| **Panel A: All mothers** |
| Reform | 0.078 | 0.025 | -0.025 | -0.007 | -0.071\* | -0.080 | -0.065 | 0.036 | 0.127 |
|  | (0.060) | (0.019) | (0.041) | (0.041) | (0.039) | (0.122) | (0.038) | (0.369) | (0.119) |
|  | [0.498] | [0.307] | [0.579] | [0.909] | [0.245] | [0.637] | [0.208] | [0.943] | [0.353] |
| Mean | 0.347 | 0.022 | 0.178 | 0.137 | 0.316 | 2.153 | 0.547 | 6.713 | 2.338 |
|  | 1,239 |
| **Panel B: Non-college graduated mothers** |
| Reform | 0.059 | 0.034\* | -0.006 | -0.002 | -0.085\* | -0.159 | -0.054 | -0.286 | 0.146 |
|  | (0.044) | (0.019) | (0.056) | (0.041) | (0.045) | (0.119) | (0.043) | (0.360) | (0.168) |
|  | [0.367] | [0.177] | [0.925] | [0.973] | [0.219] | [0.343] | [0.332] | [0.543] | [0.500] |
| Mean | 0.343 | 0.025 | 0.172 | 0.130 | 0.330 | 2.295 | 0.530 | 7.287 | 2.386 |
| No. Obs. | 1,039 |
| *Notes: Reform* is a binary variable equal to 1 if the mother was born after 1986, and 0 otherwise. The results presented in each column are derived from running regressions at the optimal bandwidth, 7 years before and after the cut off. The sample defined for the 7-year bandwidths includes married mothers born between 1979 and 1993. The 1986 cohort is excluded. The control variables include split linear time trends,the survey-month fixed effects, and the survey-year fixed effects. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.3: The Impact of Exposure to the Education Reform on at Least High School Completion |
|   | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| *Time Trend* | **Linear Time Trend** | **Quadratic Time** **Trend** |
| *Bandwidth (years)* | 5 | 6 | 7 | 8 | 9 | 8 | 9 |
| **Panel A: All mothers** |
| Reform | -0.033 | -0.024 | -0.013 | -0.006 | 0.001 | -0.108 | -0.082 |
|  | (0.047) | (0.060) | (0.073) | (0.069) | (0.068) | (0.063) | (0.052) |
|  | [0.494] | [0.699] | [0.870] | [0.945] | [0.992] | [0.078] | [0.115] |
| Mean | 0.388 | 0.378 | 0.365 | 0.359 | 0.354 | 0.359 | 0.354 |
| No. Obs. | 966 | 1,099 | 1,239 | 1,341 | 1,431 | 1,341 | 1,431 |
| **Panel B: Non-college graduated mothers** |
| Reform | -0.034 | 0.001 | 0.041 | 0.043 | 0.052 | -0.133\*\* | -0.086\* |
|  | (0.054) | (0.066) | (0.080) | (0.077) | (0.074) | (0.056) | (0.048) |
|  | [0.538] | [0.993] | [0.652] | [0.621] | [0.557] | [0.047] | [0.158] |
| Mean | 0.259 | 0.251 | 0.243 | 0.237 | 0.232 | 0.237 | 0.232 |
| No. Obs. | 798 | 913 | 1,039 | 1,126 | 1,205 | 1,126 | 1,205 |
| **Panel C: All women** |
| Reform | 0.025 | 0.025 | 0.047 | 0.052 | 0.061 | -0.006 | -0.002 |
|  | (0.026) | (0.042) | (0.044) | (0.038) | (0.042) | (0.034) | (0.031) |
|  | [0.321] | [0.615] | [0.365] | [0.247] | [0.250] | [0.868] | [0.959] |
| Mean | 0.459 | 0.452 | 0.445 | 0.446 | 0.441 | 0.446 | 0.441 |
| No. Obs. | 2,213 | 2,674 | 3,128 | 3,583 | 4,021 | 3,583 | 4,021 |
| *Notes: Reform* is a binary variable equal to 1 if the individual was born after 1986, and 0 otherwise. The 1986 cohort is excluded. The dependent variable, at least *high school,* is a binary variable equal to 1 if the individual *completes at least high school*, and 0 otherwise. The control variables include split linear and quadratic time trends,survey-month fixed effects, and the survey-year fixed effects. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. Source: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.4: The Impact of Mothers' Education on Time Spent in Early Childhood Care Activities (in min. per week)-OLS Results |
|   | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Time Trend | **Linear Time Trend** | **Quadratic Time Trend** |
| Bandwidth (years) | 5 | 6 | 7 | 8 | 9 | 8 | 9 |
| **Panel A: All mothers** |
| Middle school | 97.241\*\*\* | 87.679\*\*\* | 80.629\*\*\* | 83.421\*\*\* | 83.590\*\*\* | 85.597\*\*\* | 85.362\*\*\* |
|  | (15.931) | (15.260) | (15.188) | (13.999) | (13.153) | (14.056) | (13.413) |
|  | [0.0008] | [0.0002] | [0.0000] | [0.0000] | [0.0000] | [0.0002] | [0.0000] |
| Mean | 247.5 | 246.1 | 245.2 | 241 | 238.9 | 241 | 238.9 |
| No. Obs. | 966 | 1,099 | 1,239 | 1,341 | 1,431 | 1,341 | 1,431 |
| **Panel B: Non-college graduated mothers** |
| Middle school | 97.067\*\*\* | 85.354\*\*\* | 79.398\*\*\* | 79.790\*\*\* | 82.574\*\*\* | 82.427\*\*\* | 83.887\*\*\* |
|  | (22.961) | (21.180) | (19.678) | (17.791) | (16.987) | (17.739) | (17.059) |
|  | [0.0012] | [0.0004] | [0.0004] | [0.0000] | [0.0000] | [0.0002] | [0.0000] |
| Mean | 222.6 | 221.6 | 223.3 | 219.1 | 218 | 219.1 | 218 |
| No. Obs. | 798 | 913 | 1,039 | 1,126 | 1,205 | 1,126 | 1,205 |
| *Notes: Middle School* is a binary variable equal to 1 if the individual completes at least middle school and 0 otherwise.The 1986 cohort is excluded. The control variables include split linear and quadratic time trends, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.5: The Impact of Exposure to the Education Reform on Labor Market Outcomes |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| *Dependent Variables:* | Employment | Paid Employment | Unemployment | Weekly Hours worked | WeeklyHours workedξ(Diaries) | High Wage |
| **Panel A: All Mothers** |
| Reform | 0.003 | -0.028 | 0.009 | 1.381 | 11.386\* | 0.275\*\*\* |
|  | (0.040) | (0.039) | (0.015) | (2.397) | (6.110) | (0.084) |
|  | [0.948] | [0.538] | [0.641] | [0.592] | 0.101 | [0.156] |
| Mean | 0.239 | 0.172 | 0.033 | 39.92 | 26.06 | 0.610 |
|  | 1,239 | 1,239 | 943 | 213 | 213 | 213 |
| **Panel B: Non-college graduated mothers** |
| Reform | -0.009 | -0.046 | 0.021 | -5.136 | 19.467 | 0.379 |
|  | (0.046) | (0.037) | (0.021) | (7.012) | (13.326) | (0.227) |
|  | [0.835] | [0.285] | [0.461] | [0.901] | 0.167 | [0.372] |
| Mean | 0.175 | 0.102 | 0.018 | 39.74 | 26.43 | 0.302 |
| No. Obs. | 1,039 | 1,039 | 857 | 106 | 106 | 106 |
| *Notes: Reform* is a binary variable equal to 1 if the mother was born after 1986, and 0 otherwise. The results presented in each column are derived from running regressions at the optimal bandwidth, 7 years before and after the cut off. The sample defined for the 7-year bandwidths includes married mothers born between 1979 and 1993.The 1986 cohort is excluded. *Employment* is a binary variable that takes the value of one if the respondent worked for at least one hour with or without pay during the last week, or if the respondent has been temporarily not at work in the last week. *Unemployment* is a dependent variable that takes the value 1 if the respondent is not at work and actively looking for a job in the last four weeks, and 0 otherwise. *Weekly Hours Worked* is a dependent variable that takes the value worker’s hours worked in a week at the main job and side job if married mother is employed and monthly/daily paid. *High Wage* is a dependent variable that takes the value 1 if monthly/daily paid respondent’s wage group is in the higher than minimum wage groups, takes the value 0 if monthly/daily paid respondents’ wage group is in the lowest wage group. ξWeekly hours worked (*diaries*) is estimated by using the data from Diaries of Time Use Survey. The control variables include split linear and quadratic time trends,survey-month fixed effects, and the survey-year fixed effects. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.6: The Impact of Exposure to the Education Reform on Stay-at-Home Mothers’ Time Spent in Early Childhood Care Outcomes (in. min per week) |
|   | (1) | (2) | (3) | (4) | (5) | (6)  | (7) |
| *Time Trend* | **Linear Time Trend** | **Quadratic Time Trend** |
| *Bandwidth (years)* | 5 | 6 | 7 | 8 | 9 | 8 | 9 |
| **Panel A: Stay-at-Home mothers** |
| Reform | -13.234 | -34.701 | -37.116 | -41.090 | -21.752 | 7.719 | -49.704 |
|  | (28.770) | (33.813) | (27.908) | (26.435) | (26.117) | (38.576) | (40.916) |
|  | [0.680] | [0.381] | [0.234] | [0.148] | [0.438] | [0.855] | [0.284] |
| Mean | 245.6 | 244.4 | 246.5 | 243.2 | 242.6 | 243.2 | 242.6 |
| No. Obs. | 735 | 837 | 943 | 1,014 | 1,082 | 1,014 | 1,082 |
| **Panel B: Non-college graduated stay-at-home mothers**  |
| Reform | 2.398 | -29.336 | -29.569 | -32.463 | -7.902 | 24.427 | -45.583 |
|  | (26.194) | (34.741) | (30.791) | (29.105) | (29.429) | (37.915) | (44.058) |
|  | [0.924] | [0.490] | [0.391] | [0.312] | [0.805] | [0.554] | [0.360] |
| Mean | 226.9 | 225.9 | 229.5 | 226.1 | 227 | 226.1 | 227 |
| No. Obs. | 661 | 755 | 857 | 922 | 985 | 922 | 985 |
| *Notes: Stay-at-Home mothers represent mothers who are not working for one hour with/without receiving payment during the last week. Reform* is a binary variable equal to 1 if the individual was born after 1986, and 0 otherwise. The 1986 cohort is excluded. The control variables include split linear and quadratic time trends, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively.Source: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.7.a: The Impact of Exposure to the Education Reform on Husband’s Time Spent in Early Childhood Care Outcomes (in min. per week) |
|   | (1) | (2) | (3) | (4) | (5) | (6)  | (7) |
| *Time Trend* | **Linear Time Trend** | **Quadratic Time Trend** |
| *Bandwidth (years)* | 5 | 6 | 7 | 8 | 9 | 8 | 9 |
| **Panel A: All mothers** |
| Playing with Children, Reading and Talking to Children | -7.556 | -23.439 | -30.128 | -32.321 | -34.803 | -4.474 | -11.423 |
|  | (24.149) | (25.768) | (20.235) | (21.008) | (20.653) | (29.311) | (26.257) |
|  | [0.815] | [0.517] | [0.257] | [0.242] | [0.200] | [0.897] | [0.716] |
| Mean | 165.3 | 164.6 | 159.8 | 159.5 | 158.1 | 159.5 | 158.1 |
| Educational Activities Accompanied by Children | -1.491 | 0.154 | -1.022 | -1.111 | -1.447 | -1.949 | -1.108 |
|  | (1.785) | (2.568) | (1.991) | (1.599) | (1.385) | (2.963) | (3.011) |
|  | [0.648] | [0.966] | [0.707] | [0.625] | [0.444] | [0.684] | [0.802] |
| Mean | 1.483 | 2.025 | 1.853 | 1.796 | 1.688 | 1.796 | 1.688 |
| No. Obs. | 917 | 1,042 | 1,171 | 1,264 | 1,345 | 1,264 | 1,345 |
| **Panel B: Non-college graduated mothers**  |
| Playing with Children, Reading and Talking to Children | -6.033 | -25.577 | -32.003 | -35.924\* | -39.997\* | -6.091 | -8.684 |
|  | (21.901) | (24.546) | (19.314) | (19.735) | (19.740) | (26.912) | (24.752) |
|  | [0.830] | [0.432] | [0.166] | [0.134] | [0.092] | [0.845] | [0.777] |
| Mean | 139.3 | 139.7 | 136.9 | 137.1 | 135 | 137.1 | 135 |
| Educational Activities Accompanied by Children | -0.184 | 1.923 | -0.302 | -0.931 | -1.323 | 0.854 | 0.903 |
|  | (1.584) | (2.563) | (2.154) | (1.766) | (1.548) | (3.372) | (3.186) |
|  | [0.941] | [0.562] | [0.912] | [0.684] | [0.505] | [0.821] | [0.814] |
| Mean | 1.585 | 2.234 | 1.969 | 1.824 | 1.709 | 1.824 | 1.709 |
| No. Obs. | 757 | 864 | 980 | 1,058 | 1,129 | 1,058 | 1,129 |
| *Notes: Reform* is a binary variable equal to 1 if the mother was born after 1986, and 0 otherwise. The 1986 cohort is excluded. The control variables include split linear and quadratic time trends, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. Source: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.7.b: The Impact of Exposure to the Education Reform on Husband's Labor Market Outcomes  |
|   | (1) | (2) | (4) | (5) | (6) |
| *Dependent Variables:* | Employment | PaidEmployment | Weekly Hours worked | Weekly Hours workedξ(Diaries) | High Wage  |
| **Panel A: All Mothers** |
| Reform | -0.006 | -0.041 | 1.684 | -0.823 | 0.115\* |
|  | (0.015) | (0.033) | (2.251) | (3.746) | (0.053) |
|  | [0.740] | [0.328] | [0.592] | [0.859] | [0.137] |
| Mean | 0.947 | 0.745 | 52.47 | 45.98 | 0.707 |
|  | 1,171 | 1,171 | 868 | 868 | 868 |
| **Panel B: Non-college graduated mothers** |
| Reform | 0.000 | -0.059 | 2.006 | -1.435 | 0.134\* |
|  | (0.019) | (0.040) | (2.891) | (3.927) | (0.071) |
|  | [0.989] | [0.246] | [0.667] | [0.769] | [0.217] |
| Mean | 0.943 | 0.734 | 53.51 | 46.95 | 0.656 |
| No. Obs. | 980 | 980 | 717 | 717 | 717 |
| *Notes: Reform* is a binary variable equal to 1 if the mother was born after 1986, and 0 otherwise. The results presented in each column are derived from running regressions at the optimal bandwidth, 7 years before and after the cut off. The sample defined for the 7-year bandwidths includes married mothers born between 1979 and 1993.The 1986 cohort is excluded. *Employment* is a dependent variable that takes the value 1 if the respondent works for one hour with/without receiving payment during the last week or the respondent is temporarily unemployed, and 0 otherwise. *Weekly Hours Worked* is a dependent variable that takes the value worker’s hours worked in a week at the main job and side job if husband is employed and monthly/daily paid. *High Wage* is a dependent variable that takes the value 1 if monthly/daily paid respondent’s wage group is in the higher than minimum wage groups, takes the value 0 if monthly/daily paid respondents’ wage group is in the lowest wage group. ξ*Weekly hours worked (diaries)* is estimated by using the data from Diaries of Time Use Survey. The control variables include split linear and quadratic time trends,survey-month fixed effects, and the survey-year fixed effects. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.8: The Impact of Exposure to the Education Reform on Time Spent in Other Child Care Activities (in min. per week) |
|   | (1) | (2) | (3) | (4) | (5) | (6)  |
| *Dependent Variables:* | Main Outcome variable | Physical Child Care | Supervisory Child Care | Traveling with Child | Other Child Care Activities | Total Child Care |
| **Panel A: All mothers** |
| Reform | -44.088 | 141.326\*\*\* | -0.727 | -15.060 | -29.786 | 51.666 |
|  | (26.564) | (46.667) | (6.319) | (8.570) | (19.254) | (48.610) |
|  | [0.139] | [0.073] | [0.930] | [0.237] | [0.298] | [0.412] |
| Mean | 245.2 | 671.3 | 15.03 | 41.24 | 76.56 | 1049 |
| No. Obs. | 1,239 |
| **Panel B: Non-college graduated mothers** |
| Reform | -36.011 | 146.846\*\* | 3.164 | -9.798 | -26.554 | 77.646 |
|  | (31.780) | (53.759) | (8.843) | (10.772) | (17.912) | (51.457) |
|  | [0.345] | [0.124] | [0.768] | [0.473] | [0.275] | [0.346] |
| Mean | 223.3 | 658.1 | 15.29 | 41.88 | 77.32 | 1016 |
| No. Obs. | 1,039 |
| *Notes: Reform* is a binary variable equal to 1 if the mother was born after 1986, and 0 otherwise. The results presented in each column are derived from running regressions at the optimal bandwidth, 7 years before and after the cut off. The sample defined for the 7-year bandwidths includes married mothers born between 1979 and 1993. The 1986 cohort is excluded. The control variables include split linear time trends, the survey-month fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, and the age of last-born child, a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.9: The Impact of Placebo Education Reform on Early Childhood Care Activities |
|  | (1) | (2) |
|   | **First Stage** | **Reduced Form Regressions** |
| **Dependent Variables:** | Middle School | Time Spent (in min. per week) |
| **Panel A: All mothers** |
| Placebo Reform | -0.062 | 32.447 |
|  | (0.034) | (20.885) |
|  | [0.251] | [0.382] |
| Mean | 0.472 | 225.7 |
| F-stat | 3.341 |  |
| No. Obs. | 687 |
| **Panel B: Non-college graduated mothers** |
| Placebo Reform | -0.006 | 22.862 |
|  | (0.033) | (12.610) |
|  | [0.835] | [0.196] |
| Mean | 0.353 | 196.2 |
| F-stat | 0.0383 |   |
| No. Obs. | 561 |
| Notes: The sample consists of mothers born between 1979 and 1985, where the placebo treatment group consists of mothers born between 1983 and 1985, and the placebo control group consists of those born between 1979 and 1981. The birth cohort 1982 is excluded. The control variables include split linear time trends for the placebo treatment and control groups, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. Source: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.10.a: Robustness Checks-Alternative Sample Specifications |
|   | (1) | (2) | (3) | (4) | (5) | (6) |
|  | Alternative Reform Specification 1 | Alternative Reform Specification 2 | Alternative Reform Specification 3 | Restrict to samplethose who do not receive child care from others | Restrict sample to mother who have at least one child aged 0-5 but not have a child older than 9 | Restrict sample to mother who have at least one child aged 0-2 |
| **Panel A: All mothers** |
| Reform | -19.070 | -42.420 | -48.120\* | -40.228 | -75.652 | -26.978 |
|  | (20.690) | (24.649) | (26.765) | (30.238) | (43.565) | (54.867) |
|  | [0.422] | [0.114] | [0.091] | [0.239] | [0.161] | [0.671] |
| Mean | 249.3 | 249.3 | 249.3 | 251 | 198.5 | 303.7 |
| No. Obs. | 1,343 | 1,343 | 1,343 | 1,038 | 549 | 678 |
| **Panel B: Non-college graduated mothers** |
| Reform | -17.609 | -35.846 | -39.826 | -35.008 | -74.522\* | -26.824 |
|  | (21.357) | (29.919) | (32.304) | (28.633) | (41.992) | (50.110) |
|  | [0.480] | [0.312] | [0.289] | [0.295] | [0.118] | [0.636] |
| Mean | 226.3 | 226.3 | 226.3 | 227.3 | 188.9 | 275.7 |
| No. Obs. | 1,125 | 1,125 | 1,125 | 914 | 486 | 551 |
| *Notes: Dependent variable* is our main outcome variable, playing with children, reading and talking to children per week. Reform is a binary variable equal to 1 if the individual was born after 1986, and 0 otherwise. *Alternative Reform Specification 1* is the alternative construction of the binary variable, Reform, where it takes the value 1 if the individual was born in 1986 and after, and 0 otherwise. *Alternative Reform Specification 2* is the alternative construction of the binary variable, *Reform*, where it takes the value 1 if the individual was born after 1986, takes the value 0.5 if the respondent was born in 1986, and 0 otherwise *Alternative Reform Specification 3* is the alternative construction of the binary variable, *Reform*, where it takes the value 1 if the individual was born after 1986, takes the value takes the value 0.33 if the respondent was born in 1986, and 0 otherwise. The sample defined for the model in the column (4), (5), (6), (7), and (8) excludes the 1986 cohort. The control variables include split linear time trends, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. Source: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.10.b: Robustness Checks-Alternative Model Specifications |
|   | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
|  | **Baseline Model** | **Model 1**  | **Model 2** | **Model 3** | **Model 4**ξ | **Model 5†** | **Model 6††** |
| **Panel A: All mothers** |
| Reform | -44.088 | -53.161 | -54.314\* | -48.783 | -42.309 | -44.088 | -44.088 |
|  | (26.564) | (33.251) | (30.573) | (33.710) | (26.924) | (41.636) | (39.795) |
|  | [0.139] | [0.162] | [0.088] | [0.190] | [0.169] |  |  |
| Mean | 245.2 | 245.2 | 245.2 | 245.2 | 246.4 | 245.2 | 245.2 |
| No. Obs. | 1,239 | 1,250 | 1,239 | 1,239 |
| **Panel B: Non-college graduated mothers** |
| Reform | -36.011 | -38.740 | -38.953 | -33.933 | -33.716 | -36.011 | -36.011 |
|  | (31.780) | (39.005) | (37.494) | (38.389) | (32.728) | (41.652) | (42.611) |
|  | [0.345] | [0.394] | [0.380] | [0.451] | [0.398] |  |  |
| Mean | 223.3 | 223.3 | 223.3 | 223.3 | 224.9 | 223.3 | 223.3 |
| No. Obs. | 1,039 | 1,048 | 1,039 | 1,039 |
| Split linear time trends | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Survey month-year FE | Yes | No | Yes | Yes | Yes | Yes | Yes |
| Region of residence FE | Yes | No | No | Yes | Yes | Yes | Yes |
| Controls for child characteristics | Yes | No | No | No | Yes | Yes | Yes |
| Marital status FE | No | No | No | No | Yes | No | No |
| *Notes:* Reform is a binary variable equal to 1 if the individual was born after 1986, and 0 otherwise. The results presented in each column are derived from running regressions at the optimal bandwidth, 7 years before and after the cut off. The sample defined for the 7-year bandwidths includes mothers born between 1979 and 1993. The 1986 cohort is excluded. ξ*Model 4* estimates the impact of the exposure to the education reform on the main outcome variable, time spent in playing with children, reading and talking to children, for ever-married mothers. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. **†** Standard errors in Model 5 are clustered at the region of residence by the birth cohort level. **††**Standard errors in Model 6 are robust standard errors.*Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |

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| TABLE B.10.c: Robustness Checks-Alternative Outcome Variables |
|   | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| *Time Trend* | **Linear Time Trend** | **Quadratic Time** **Trend** |
| *Bandwidth (years)* | 5 | 6 | 7 | 8 | 9 | 8 | 9 |
| *Dependent variables* |   |   |   |   |   |   |
| **Panel A: All mothers** |
| Participation | -0.085 | -0.038 | -0.048 | -0.060 | -0.062 | -0.078 | -0.080 |
|  | (0.057) | (0.062) | (0.052) | (0.047) | (0.043) | (0.078) | (0.072) |
|  | [0.396] | [0.675] | [0.545] | [0.361] | [0.321] | [0.579] | [0.515] |
| Mean | 0.637 | 0.638 | 0.641 | 0.634 | 0.633 | 0.634 | 0.633 |
| Log of the main outcome variable | -0.456 | -0.279 | -0.344 | -0.392 | -0.333 | -0.414 | -0.564 |
|  | (0.291) | (0.318) | (0.276) | (0.248) | (0.236) | (0.408) | (0.351) |
|  | [0.357] | [0.567] | [0.414] | [0.275] | [0.321] | [0.565] | [0.369] |
| Mean | 3.576 | 3.580 | 3.591 | 3.552 | 3.544 | 3.552 | 3.544 |
| z scores of the main outcome variable | -0.154 | -0.263 | -0.256 | -0.244\* | -0.128 | -0.161 | -0.405\* |
|  | (0.124) | (0.180) | (0.154) | (0.138) | (0.143) | (0.172) | (0.211) |
|  | [0.309] | [0.208] | [0.139] | [0.099] | [0.430] | [0.380] | [0.086] |
| Mean | 1.138 | 1.127 | 1.119 | 1.095 | 1.083 | 1.095 | 1.083 |
| No. Obs. | 966 | 1,099 | 1,239 | 1,341 | 1,431 | 1,341 | 1,431 |
| **Panel B: Non-college graduated mothers** |
| Participation | -0.098 | -0.045 | -0.049 | -0.061 | -0.052 | -0.085 | -0.099 |
|  | (0.055) | (0.062) | (0.051) | (0.047) | (0.050) | (0.080) | (0.069) |
|  | [0.341] | [0.628] | [0.528] | [0.361] | [0.463] | [0.566] | [0.428] |
| Mean | 0.596 | 0.597 | 0.602 | 0.594 | 0.596 | 0.594 | 0.596 |
| Log of the main outcome variable | -0.499 | -0.307 | -0.337 | -0.386 | -0.270 | -0.424 | -0.648\* |
|  | (0.277) | (0.311) | (0.271) | (0.252) | (0.274) | (0.417) | (0.341) |
|  | [0.302] | [0.520] | [0.416] | [0.269] | [0.491] | [0.561] | [0.299] |
| Mean | 3.326 | 3.328 | 3.355 | 3.315 | 3.319 | 3.315 | 3.319 |
| z scores of the main outcome variable | -0.063 | -0.235 | -0.209 | -0.202 | -0.059 | -0.088 | -0.382 |
|  | (0.159) | (0.214) | (0.184) | (0.169) | (0.179) | (0.207) | (0.255) |
|  | [0.696] | [0.381] | [0.345] | [0.308] | [0.780] | [0.692] | [0.160] |
| Mean | 0.964 | 0.959 | 0.968 | 0.944 | 0.938 | 0.944 | 0.938 |
| No. Obs. | 798 | 913 | 1,039 | 1,126 | 1,205 | 1,126 | 1,205 |
| *Notes: Reform* is a binary variable equal to 1 if the individual was born after 1986, and 0 otherwise. The 1986 cohort is excluded. *The activity participation* is the dummy variable that takes the value 1 if time spent in playing with children, reading and talking to children per week is greater than 0 and 0 otherwise. The log/z-scores of the main outcome variable is the dependent variable equal to the value of taking logarithm/z-scores of time spent in playing with children, reading and talking to children. The control variables include split linear and quadratic time trends, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey, TURKSTAT |  |  |  |  |  |  | [0.160] |

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| TABLE B.11: The Impact of Education Reform on the Probability of Time Allocated to Child Care Activities(Replicating results of Usta (2020)) |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8)  | (9)  |
| **Dependent Variables:** | Main Outcome Variables | Total Child Care | Child Care Measure 1  | Child Care Measure 2 | Child Care Measure 3 | Child Care Measure 4 | Child Care Measure 5 | Child Care Measure 6 | All ActivitiesAccompanied by Children |
| **Panel A: All ever-married mothers** |
| *Sample: Mothers born between 1982 and 1991* |
| Reform | -0.077 | 0.017 | 0.046\*\* | 0.042\*\*\* | 0.041\*\*\* | 0.024\*\* | 0.044\*\*\* | 0.027\*\* | 0.018 |
|  | (0.060) | (0.017) | (0.016) | (0.012) | (0.011) | (0.008) | (0.011) | (0.008) | (0.020) |
|  | [0.485] | [0.320] | [0.041] | [0.089] | [0.122] | [0.125] | [0.101] | [0.089] | [0.464] |
| Mean | 0.656 | 0.958 | 0.948 | 0.973 | 0.975 | 0.977 | 0.976 | 0,979 | 0.925 |
| No. Obs. | 843 |
| *Sample: Mothers born between 1983 and 1990* |
| Reform | -0.111 | 0.025 | 0.061\*\* | 0.045\*\* | 0.041\*\*\* | 0.029\* | 0.041\*\*\* | 0.029\* | -0.006 |
|  | (0.066) | (0.023) | (0.023) | (0.014) | (0.011) | (0.012) | (0.011) | (0.012) | (0.015) |
|  | [0.473] | [0.403] | [0.122] | [0.156] | [0.172] | [0.363] | [0.172] | [0.363] | [0.723] |
| Mean | 0.663 | 0.961 | 0.949 | 0.977 | 0.978 | 0.980 | 0.978 | 0.980 | 0.928 |
| No. Obs. | 685 |
| **Panel B: Non-college graduated ever-married mothers** |
| *Sample: Mothers born between 1982 and 1991* |
| Reform | -0.094 | 0.021 | 0.049\*\* | 0.038\* | 0.044\*\* | 0.023\*\*\* | 0.047\*\*\* | 0.026\*\*\* | 0.017 |
|  | (0.058) | (0.012) | (0.018) | (0.017) | (0.014) | (0.006) | (0.013) | (0.006) | (0.025) |
|  | [0.418] | [0.107] | [0.063] | [0.268] | [0.160] | [0.075] | [0.114] | [0.033] | [0.572] |
| Mean | 0.618 | 0.954 | 0.943 | 0.973 | 0.974 | 0.977 | 0.976 | 0.979 | 0.923 |
| No. Obs. | 702 |
| *Sample: Mothers born between 1983 and 1990* |
| Reform | -0.122 | 0.039\* | 0.070\*\* | 0.045\*\*\* | 0.045\*\*\* | 0.029\*\*\* | 0.045\*\*\* | 0.029\*\*\* | 0.013 |
|  | (0.068) | (0.018) | (0.022) | (0.006) | (0.006) | (0.007) | (0.006) | (0.007) | (0.030) |
|  | [0.458] | [0.225] | [0.088] | [0.027] | [0.027] | [0.047] | [0.027] | [0.047] | [0.689] |
| Mean | 0.663 | 0.958 | 0.946 | 0.979 | 0.979 | 0.981 | 0.979 | 0.980 | 0,928 |
| No. Obs. | 576 |
| Notes: The sample includes ever-married mothers whose last child is under the age of 5. Reform is a binary variable equal to 1 if the mother was born after 1986, and equal to 0 otherwise. The 1986 cohort is excluded. The control variables include split linear time trends, the survey-month fixed effects, the survey-year fixed effects, the region of residence fixed effects, total number of children, the age of the first-born child, the age of last-born child, and a dummy variable for mothers who have at least one child aged 0-2. Standard errors are clustered at the birth cohort level, and p-values are estimated using wild-cluster bootstrap. P-values related to bootstrapped standard errors are given in brackets. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. \*\*\*, \*\*, \* indicate significance at %1, %5, and %10, respectively. *Source*: 2014-2015 Turkish Time Use Survey |

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| Table B.12: The Composition of Alternative Child Care Measures |
| **Variables** | **Child Care Measure 1** | **Child Care Measure 2** | **Child Care Measure 3** | **Child Care Measure 4** | **Child Care Measure 5** | **Child Care Measure 6** |
| Playing with Children, Reading and Talking to Children | - | - | - | - | - | - |
| Physical Child Care | x | x | x | x | x | x |
| Supervisory Child Care | x | x | x | x | x | x |
| Traveling with Child | x | x | x | x | x | x |
| Other Child Care Activities | x | x | x | x | x | x |
| Eating accompanied by Children  |   | x | x | x | x | x |
| Leisure activities accompanied by children (listening to music, sports and outdoor activities, social activities, art and hobby activities, computer-based activities) |   |   | x | x | x | x |
| Watching TV/DVD/Video |   |   |   | x |   | x |
| Household care activities accompanied by children  |   |   |   |   | x | x |