Investigating how administrative burden and search costs affect social inequalities in early childcare access, a randomised controlled trial

Supplementary Information for the manuscript submitted to Nature Human Behaviour

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# 1 Part 1: Early childcare in France and in our supply in the areas

The average coverage rate in our sample is 55.3 slots for 100 children aged 0-3 years. The average coverage rate in each district, including only the cities included in our sample, can be seen in Table 1.1. The coverage rate is the number of available slot in a given area for 100 children aged 0-3 years. The highest coverage rate is found in Paris, with 71.6 slots in 2021, and the lowest in Seine-Saint-Denis, with 38.5 slots. The average coverage rate in France in 2021 is 59.1 slots per 100 children aged 0-3 years. In each district, the coverage rate is higher for daycare than for private childminders, with varying proportions in each districts.

Table 1.1: Average Coverage Rates per District in our sample, based on 2021 data

| **District** | **National Average Coverage (2021)** | **Average Coverage of the sample (2021)** | **Average Coverage in daycare in the sample** | **Average Coverage in childminders in the sample** |
| --- | --- | --- | --- | --- |
| Paris | 59.1 | 80.1 | 59.1 | 4.1 |
| Val-de-Marne | 59.1 | 52.6 | 31.8 | 15.3 |
| Seine-Saint-Denis | 59.1 | 35.0 | 20.0 | 11.4 |

This data can be compared to the average coverage rate in the whole districts in 2021 (i.e. including cities in which none of the households in our sample lived, but are in the same districts) in Table 1.2. The results are about the same. The highest coverage rate is found in Paris, with 80.1 slots, and the lowest in Seine-Saint-Denis, with 34.5 slots.

Table 1.2: Average Coverage in Districts (2021)

| **District** | **Average Coverage of the district (2021)** | **Average Coverage in daycare of the district** | **Average Coverage in childminders of the district** |
| --- | --- | --- | --- |
| Paris | 80.1 | 59.1 | 4.1 |
| Val-de-Marne | 52.6 | 31.8 | 15.3 |
| Seine-Saint-Denis | 34.6 | 19.9 | 11.3 |

The average coverage rate in our sample is 55.3 slots for 100 children aged 0-3 years, which is slightly lower than the national rate, displayed in Table 1.3. The national coverage rates in daycare and private childminders can also be found in Table 1.3. Our districts have a higher coverage rate in daycare than the national average, but a lower coverage rate in private childminders. Unlike in the districts included in our sample, the most available early childcare option in France is private childminders, with 27.3 slots per 100 children aged 0-3 years in 2021, compared to 26 slots in daycare.

Table 1.3: French national average Coverage rates (2021)

| **Average coverage in France** | **Average coverage daycare in France** | **Average coverage private childminders in France** |
| --- | --- | --- |
| 59.1 | 26 | 27.3 |

# 2 Part 2: Descriptive statistics

## 2.1 Descriptive tables of the main variables - following Reviewer 1’s suggestion

#### 2.1.0.1 Distribution of the variables

Table 2.1: Table 1: Descriptive Statistics

| **Variable** | **n = 1849**1 |
| --- | --- |
| **The mother is high-SES (Post-secondary education)** | 1,120 (60.6%) |
| **Single-parent family** | 159 (8.6%) |
| **Age of the mother** |  |
| Mean (SD) | 32.3 (5.6) |
| Range | 17.0, 52.0 |
| **The household is primiparous** | 784 (42.5%) |
| Unknown | 3 |
| **Number of children in the household** |  |
| Mean (SD) | 1.0 (1.2) |
| Range | 0.0, 11.0 |
| Unknown | 3 |
| **The mother has a migration background** | 865 (46.8%) |
| **The household earns less than €2,500 per month** | 606 (35.9%) |
| Unknown | 159 |
| **The mother is present biased** | 861 (46.6%) |
| **Mother s knowledge about early childcare** | 227 (12.3%) |
| **The mother is active at the baseline** | 1,291 (69.8%) |
| **The mother wants to work after the maternity leave** | 1,641 (88.8%) |
| **The household already accessed early childcare in the past** | 745 (40.3%) |
| **The mother wants to use early childcare** | 1,491 (80.6%) |
| **The household has access to a computer** | 1,564 (84.6%) |
| **The mother believe in early childcare benefits** | 1,042 (56.4%) |
| **The mother trusts early childcare** | 1,502 (81.2%) |
| **The majority of friends and relatives use early childcare** | 1,091 (59.0%) |
| **The mother perceives social approval for using early childcare** | 778 (42.1%) |
| **The mother lives in Paris** | 692 (37.4%) |
| **Early childcare coverage in the area of residence** | 750 (40.6%) |
| **Gender of the child** |  |
| Boy | 723 (48.3%) |
| Girl | 774 (51.7%) |
| Unknown | 352 |
| **Applied to any early childcare facility at endline** | 1,104 (76.0%) |
| Unknown | 396 |
| **Applied to any daycare center at endline** | 898 (48.6%) |
| **Accessed any early childcare facility at endline** | 817 (56.2%) |
| Unknown | 396 |
| **Accessed any daycare center at endline** | 327 (17.7%) |
| 1n (%) | |

#### 2.1.0.2 Distribution of all variables by SES

Table 2.2: Differences by SES across the variables used in this study

|  | | **Socio-Economic Status** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Low-SES1 | High-SES1 | **Difference**2 | **p-value**3 | std.error |
| *Single-parent family* | 8.6% (159) | 15% (110) | 4.4% (49) | 11% | <0.001\*\*\* |  |
| *Age of the mother* | 32.3 (5.6) | 30.8 (6.2) | 33.2 (5.0) | -2.4 | <0.001\*\*\* |  |
| *The household is primiparous* | 42% (784) | 35% (255) | 47% (529) | -12% | <0.001\*\*\* |  |
| *Number of children in the household* | 1.0 (1.2) | 1.3 (1.3) | 0.8 (1.0) | 0.50 | <0.001\*\*\* |  |
| *The mother has a migration background* | 47% (865) | 60% (434) | 38% (431) | 21% | <0.001\*\*\* |  |
| *The household earns less than €2,500 per month* | 36% (606) | 62% (381) | 21% (225) | 41% | <0.001\*\*\* |  |
| *The mother is present biased* | 47% (861) | 60% (434) | 38% (427) | 21% | <0.001\*\*\* |  |
| *Mother s knowledge about early childcare* | 12% (227) | 22% (162) | 5.8% (65) | 16% | <0.001\*\*\* |  |
| *The mother is active at the baseline* | 70% (1,291) | 54% (396) | 80% (895) | -26% | <0.001\*\*\* |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 82% (597) | 93% (1,044) | -11% | <0.001\*\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 39% (283) | 41% (462) | -2.4% | 0.6 |  |
| *The mother wants to use early childcare* | 81% (1,491) | 71% (520) | 87% (971) | -15% | <0.001\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 68% (496) | 95% (1,068) | -27% | <0.001\*\*\* |  |
| *The mother lives in Paris* | 37% (692) | 36% (262) | 38% (430) | -2.5% | 0.6 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 36% (260) | 44% (490) | -8.1% | 0.003\*\*\* |  |
| *Gender of the child* |  |  |  | 0.08 |  | 0.05309161 |
| *Boy* | 48% (723) | 46% (265) | 50% (458) |  |  |  |
| *Girl* | 52% (774) | 54% (314) | 50% (460) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 63% (345) | 84% (759) | -20% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 39% (281) | 55% (617) | -17% | <0.001\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 37% (201) | 68% (616) | -31% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 13% (96) | 21% (231) | -7.5% | <0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

#### 2.1.0.3 Distribution of all variables by migration background

Table 2.3: Differences by migration background across the variables used in this study

|  | | **Migration Background** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Born abroad1 | Born in France1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 70% (689) | 50% (431) | 20% | <0.001\*\*\* |  |
| *Single-parent family* | 8.6% (159) | 5.8% (57) | 12% (102) | -6.0% | <0.001\*\*\* |  |
| *Age of the mother* | 32.3 (5.6) | 32.3 (5.5) | 32.3 (5.7) | 0.05 | 0.9 |  |
| *The household is primiparous* | 42% (784) | 45% (446) | 39% (338) | 6.3% | 0.024\*\* |  |
| *Number of children in the household* | 1.0 (1.2) | 0.9 (1.1) | 1.1 (1.2) | -0.25 | <0.001\*\*\* |  |
| *The household earns less than €2,500 per month* | 36% (606) | 18% (169) | 57% (437) | -39% | <0.001\*\*\* |  |
| *The mother is present biased* | 47% (861) | 31% (308) | 64% (553) | -33% | <0.001\*\*\* |  |
| *Mother s knowledge about early childcare* | 12% (227) | 3.7% (36) | 22% (191) | -18% | <0.001\*\*\* |  |
| *The mother is active at the baseline* | 70% (1,291) | 83% (814) | 55% (477) | 28% | <0.001\*\*\* |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 91% (892) | 87% (749) | 4.1% | 0.022\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 43% (424) | 37% (321) | 6.0% | 0.033\*\* |  |
| *The mother wants to use early childcare* | 81% (1,491) | 84% (825) | 77% (666) | 6.8% | <0.001\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 96% (948) | 71% (616) | 25% | <0.001\*\*\* |  |
| *The mother lives in Paris* | 37% (692) | 36% (356) | 39% (336) | -2.7% | 0.5 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 44% (432) | 37% (318) | 7.1% | 0.008\*\*\* |  |
| *Gender of the child* |  |  |  | 0.03 |  | 0.05195982 |
| *Boy* | 48% (723) | 48% (392) | 49% (331) |  |  |  |
| *Girl* | 52% (774) | 52% (432) | 51% (342) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 81% (667) | 69% (437) | 11% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 53% (523) | 43% (375) | 9.8% | <0.001\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 67% (549) | 43% (268) | 24% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 21% (204) | 14% (123) | 6.5% | 0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

#### 2.1.0.4 Distribution of all variables by baseline knowledge

Table 2.4: Differences by level of baseline knowledge across the variables used in this study

|  | | **Initial Level of Knowledge** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | High knowledge1 | Low knowledge1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 65% (1,055) | 29% (65) | 36% | <0.001\*\*\* |  |
| *Single-parent family* | 8.6% (159) | 7.4% (120) | 17% (39) | -9.8% | <0.001\*\*\* |  |
| *Age of the mother* | 32.3 (5.6) | 32.5 (5.4) | 30.8 (6.8) | 1.7 | <0.001\*\*\* |  |
| *The household is primiparous* | 42% (784) | 40% (655) | 57% (129) | -16% | <0.001\*\*\* |  |
| *Number of children in the household* | 1.0 (1.2) | 1.0 (1.1) | 0.8 (1.3) | 0.17 | 0.051\* |  |
| *The mother has a migration background* | 47% (865) | 42% (674) | 84% (191) | -43% | <0.001\*\*\* |  |
| *The household earns less than €2,500 per month* | 36% (606) | 31% (465) | 75% (141) | -44% | <0.001\*\*\* |  |
| *The mother is present biased* | 47% (861) | 44% (718) | 63% (143) | -19% | <0.001\*\*\* |  |
| *The mother is active at the baseline* | 70% (1,291) | 74% (1,203) | 39% (88) | 35% | <0.001\*\*\* |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 90% (1,453) | 83% (188) | 6.8% | 0.010\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 45% (724) | 9.3% (21) | 35% | <0.001\*\*\* |  |
| *The mother wants to use early childcare* | 81% (1,491) | 84% (1,361) | 57% (130) | 27% | <0.001\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 89% (1,441) | 54% (123) | 35% | <0.001\*\*\* |  |
| *The mother lives in Paris* | 37% (692) | 38% (609) | 37% (83) | 0.98% | >0.9 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 41% (662) | 39% (88) | 2.0% | 0.8 |  |
| *Gender of the child* |  |  |  | 0.02 |  | 0.07965831 |
| *Boy* | 48% (723) | 48% (635) | 49% (88) |  |  |  |
| *Girl* | 52% (774) | 52% (683) | 51% (91) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 79% (1,025) | 52% (79) | 27% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 51% (824) | 33% (74) | 18% | <0.001\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 60% (781) | 24% (36) | 37% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 19% (306) | 9.3% (21) | 9.6% | 0.002\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

#### 2.1.0.5 Distribution of all variables by temporal orientation

Table 2.5: Differences by present bias across the variables used in this study

|  | | **Temporal Orientation** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Not present biased1 | Present biased1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 70% (693) | 50% (427) | 21% | <0.001\*\*\* |  |
| *Single-parent family* | 8.6% (159) | 4.7% (46) | 13% (113) | -8.5% | <0.001\*\*\* |  |
| *Age of the mother* | 32.3 (5.6) | 32.6 (5.5) | 31.9 (5.7) | 0.71 | 0.006\*\*\* |  |
| *The household is primiparous* | 42% (784) | 45% (449) | 39% (335) | 6.5% | 0.019\*\* |  |
| *Number of children in the household* | 1.0 (1.2) | 0.9 (1.1) | 1.1 (1.2) | -0.22 | <0.001\*\*\* |  |
| *The mother has a migration background* | 47% (865) | 32% (312) | 64% (553) | -33% | <0.001\*\*\* |  |
| *The household earns less than €2,500 per month* | 36% (606) | 25% (237) | 49% (369) | -24% | <0.001\*\*\* |  |
| *Mother s knowledge about early childcare* | 12% (227) | 8.5% (84) | 17% (143) | -8.1% | <0.001\*\*\* |  |
| *The mother is active at the baseline* | 70% (1,291) | 78% (774) | 60% (517) | 18% | <0.001\*\*\* |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 91% (895) | 87% (746) | 3.9% | 0.028\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 40% (396) | 41% (349) | -0.45% | >0.9 |  |
| *The mother wants to use early childcare* | 81% (1,491) | 84% (833) | 76% (658) | 7.9% | <0.001\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 93% (920) | 75% (644) | 18% | <0.001\*\*\* |  |
| *The mother lives in Paris* | 37% (692) | 38% (376) | 37% (316) | 1.4% | 0.8 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 43% (425) | 38% (325) | 5.3% | 0.071\* |  |
| *Gender of the child* |  |  |  | 0.03 |  | 0.05191207 |
| *Boy* | 48% (723) | 49% (400) | 48% (323) |  |  |  |
| *Girl* | 52% (774) | 51% (417) | 53% (357) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 81% (652) | 70% (452) | 11% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 53% (521) | 44% (377) | 8.9% | <0.001\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 64% (515) | 47% (302) | 17% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 20% (193) | 16% (134) | 4.0% | 0.083\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

#### 2.1.0.6 Distribution of all variables by previous childcare usage

Table 2.6: Differences by previous childcare usage across the variables used in this study

|  | | **Previous Childcare Usage** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Never used1 | Previous user1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 60% (658) | 62% (462) | -2.4% | 0.6 |  |
| *Single-parent family* | 8.6% (159) | 9.3% (103) | 7.5% (56) | 1.8% | 0.4 |  |
| *Age of the mother* | 32.3 (5.6) | 31.2 (5.7) | 33.9 (5.0) | -2.7 | <0.001\*\*\* |  |
| *The household is primiparous* | 42% (784) | 71% (784) | 0% (0) | 71% | <0.001\*\*\* |  |
| *Number of children in the household* | 1.0 (1.2) | 0.5 (1.0) | 1.7 (1.0) | -1.2 | <0.001\*\*\* |  |
| *The mother has a migration background* | 47% (865) | 49% (544) | 43% (321) | 6.2% | 0.033\*\* |  |
| *The household earns less than €2,500 per month* | 36% (606) | 39% (395) | 31% (211) | 8.8% | <0.001\*\*\* |  |
| *The mother is present biased* | 47% (861) | 46% (512) | 47% (349) | -0.47% | >0.9 |  |
| *Mother s knowledge about early childcare* | 12% (227) | 19% (206) | 2.8% (21) | 16% | <0.001\*\*\* |  |
| *The mother is active at the baseline* | 70% (1,291) | 67% (735) | 75% (556) | -8.1% | 0.001\*\*\* |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 88% (971) | 90% (670) | -2.0% | 0.4 |  |
| *The mother wants to use early childcare* | 81% (1,491) | 74% (814) | 91% (677) | -17% | <0.001\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 82% (910) | 88% (654) | -5.4% | 0.007\*\*\* |  |
| *The mother lives in Paris* | 37% (692) | 35% (384) | 41% (308) | -6.6% | 0.017\*\* |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 40% (439) | 42% (311) | -2.0% | 0.7 |  |
| *Gender of the child* |  |  |  | 0.06 |  | 0.05262333 |
| *Boy* | 48% (723) | 49% (439) | 47% (284) |  |  |  |
| *Girl* | 52% (774) | 51% (449) | 53% (325) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 72% (613) | 82% (491) | -10% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 47% (514) | 52% (384) | -5.0% | 0.11 |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 51% (432) | 64% (385) | -14% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 15% (164) | 22% (163) | -7.0% | <0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

#### 2.1.0.7 Distribution of all variables by activity status

Table 2.7: Differences by baseline activity status across the variables used in this study

|  | | **Activity Status** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Inactive1 | Active1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 40% (225) | 69% (895) | -29% | <0.001\*\*\* |  |
| *Single-parent family* | 8.6% (159) | 12% (69) | 7.0% (90) | 5.4% | <0.001\*\*\* |  |
| *Age of the mother* | 32.3 (5.6) | 30.9 (5.8) | 32.9 (5.5) | -1.9 | <0.001\*\*\* |  |
| *The household is primiparous* | 42% (784) | 35% (193) | 46% (591) | -11% | <0.001\*\*\* |  |
| *Number of children in the household* | 1.0 (1.2) | 1.2 (1.2) | 0.9 (1.1) | 0.30 | <0.001\*\*\* |  |
| *The mother has a migration background* | 47% (865) | 70% (388) | 37% (477) | 33% | <0.001\*\*\* |  |
| *The household earns less than €2,500 per month* | 36% (606) | 71% (346) | 22% (260) | 49% | <0.001\*\*\* |  |
| *The mother is present biased* | 47% (861) | 62% (344) | 40% (517) | 22% | <0.001\*\*\* |  |
| *Mother s knowledge about early childcare* | 12% (227) | 25% (139) | 6.8% (88) | 18% | <0.001\*\*\* |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 79% (441) | 93% (1,200) | -14% | <0.001\*\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 34% (189) | 43% (556) | -9.2% | 0.001\*\*\* |  |
| *The mother wants to use early childcare* | 81% (1,491) | 65% (365) | 87% (1,126) | -22% | <0.001\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 69% (387) | 91% (1,177) | -22% | <0.001\*\*\* |  |
| *The mother lives in Paris* | 37% (692) | 35% (196) | 38% (496) | -3.3% | 0.4 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 39% (216) | 41% (534) | -2.7% | 0.6 |  |
| *Gender of the child* |  |  |  | 0.08 |  | 0.05694264 |
| *Boy* | 48% (723) | 51% (222) | 47% (501) |  |  |  |
| *Girl* | 52% (774) | 49% (213) | 53% (561) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 49% (194) | 86% (910) | -38% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 31% (171) | 56% (727) | -26% | <0.001\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 23% (91) | 69% (726) | -46% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 8.6% (48) | 22% (279) | -13% | <0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

#### 2.1.0.8 Distribution of all variables by district

To perform the equality tests, we break down the comparison across districts in three parts: Paris vs. other districts, Seine-Saint-Denis vs. other districts, and Val de Marne.

##### 2.1.0.8.1 Paris vs. other districts

Table 2.8: Differences by district across the variables used in this study

|  | | **District: Paris comparison** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Paris1 | Other districts1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 60% (690) | 62% (430) | -2.5% | 0.6 |  |
| *Single-parent family* | 8.6% (159) | 7.7% (89) | 10% (70) | -2.4% | 0.2 |  |
| *Age of the mother* | 32.3 (5.6) | 31.9 (5.4) | 33.0 (5.9) | -1.1 | <0.001\*\*\* |  |
| *The household is primiparous* | 42% (784) | 41% (471) | 45% (313) | -4.5% | 0.2 |  |
| *Number of children in the household* | 1.0 (1.2) | 1.0 (1.1) | 0.9 (1.2) | 0.07 | 0.2 |  |
| *The mother has a migration background* | 47% (865) | 46% (529) | 49% (336) | -2.8% | 0.5 |  |
| *The household earns less than €2,500 per month* | 36% (606) | 37% (398) | 33% (208) | 3.8% | 0.3 |  |
| *The mother is present biased* | 47% (861) | 47% (545) | 46% (316) | 1.4% | 0.8 |  |
| *Mother s knowledge about early childcare* | 12% (227) | 12% (144) | 12% (83) | 0.45% | >0.9 |  |
| *The mother is active at the baseline* | 70% (1,291) | 69% (795) | 72% (496) | -3.0% | 0.4 |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 87% (1,008) | 91% (633) | -4.4% | 0.016\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 38% (437) | 45% (308) | -6.7% | 0.017\*\* |  |
| *The mother wants to use early childcare* | 81% (1,491) | 78% (906) | 85% (585) | -6.2% | 0.005\*\*\* |  |
| *The household has access to a computer* | 85% (1,564) | 86% (993) | 83% (571) | 3.3% | 0.2 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 50% (578) | 25% (172) | 25% | <0.001\*\*\* |  |
| *Gender of the child* |  |  |  | 0.03 |  | 0.05334043 |
| *Boy* | 48% (723) | 48% (445) | 49% (278) |  |  |  |
| *Girl* | 52% (774) | 52% (488) | 51% (286) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 72% (655) | 82% (449) | -10% | <0.001\*\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 44% (505) | 57% (393) | -13% | <0.001\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 50% (455) | 66% (362) | -16% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 11% (129) | 29% (198) | -17% | <0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

##### 2.1.0.8.2 Seine-Saint-Denis

Table 2.9: Differences by district across the variables used in this study

|  | | **District: Seine-Saint-Denis comparison** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Seine-Saint-Denis1 | Other districts1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 61% (849) | 60% (271) | 0.64% | >0.9 |  |
| *Single-parent family* | 8.6% (159) | 8.2% (114) | 10.0% (45) | -1.8% | 0.5 |  |
| *Age of the mother* | 32.3 (5.6) | 32.4 (5.7) | 31.8 (5.5) | 0.65 | 0.032\*\* |  |
| *The household is primiparous* | 42% (784) | 43% (597) | 41% (187) | 1.3% | 0.9 |  |
| *Number of children in the household* | 1.0 (1.2) | 1.0 (1.1) | 1.0 (1.2) | -0.03 | 0.6 |  |
| *The mother has a migration background* | 47% (865) | 47% (655) | 47% (210) | 0.29% | >0.9 |  |
| *The household earns less than €2,500 per month* | 36% (606) | 35% (447) | 39% (159) | -4.3% | 0.3 |  |
| *The mother is present biased* | 47% (861) | 45% (634) | 50% (227) | -5.0% | 0.2 |  |
| *Mother s knowledge about early childcare* | 12% (227) | 12% (163) | 14% (64) | -2.5% | 0.4 |  |
| *The mother is active at the baseline* | 70% (1,291) | 71% (992) | 66% (299) | 4.7% | 0.2 |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 90% (1,260) | 84% (381) | 5.6% | 0.004\*\*\* |  |
| *The household has ever used early childcare* | 40% (745) | 41% (580) | 37% (165) | 4.9% | 0.2 |  |
| *The mother wants to use early childcare* | 81% (1,491) | 82% (1,145) | 77% (346) | 5.2% | 0.053\* |  |
| *The household has access to a computer* | 85% (1,564) | 85% (1,188) | 83% (376) | 1.6% | 0.7 |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 32% (451) | 66% (299) | -34% | <0.001\*\*\* |  |
| *Gender of the child* |  |  |  | 0.03 |  | 0.06100805 |
| *Boy* | 48% (723) | 49% (558) | 47% (165) |  |  |  |
| *Girl* | 52% (774) | 51% (588) | 53% (186) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 77% (861) | 72% (243) | 5.3% | 0.13 |  |
| *Applied to any daycare center at endline* | 49% (898) | 51% (709) | 42% (189) | 8.8% | 0.005\*\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 58% (648) | 50% (169) | 8.1% | 0.031\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 20% (273) | 12% (54) | 7.6% | 0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

##### 2.1.0.8.3 Val de Marne

Table 2.10: Differences by district across the variables used in this study

|  | | **District: Val-de-Marne comparison** | |  | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable** | Overall1 | Val-de-Marne1 | Other districts1 | **Difference**2 | **p-value**3 | std.error |
| *High-SES* | 61% (1,120) | 61% (701) | 59% (419) | 2.0% | 0.7 |  |
| *Single-parent family* | 8.6% (159) | 10% (115) | 6.2% (44) | 3.8% | 0.017\*\* |  |
| *Age of the mother* | 32.3 (5.6) | 32.5 (5.7) | 31.9 (5.4) | 0.61 | 0.021\*\* |  |
| *The household is primiparous* | 42% (784) | 44% (500) | 40% (284) | 3.4% | 0.3 |  |
| *Number of children in the household* | 1.0 (1.2) | 1.0 (1.2) | 1.0 (1.1) | -0.05 | 0.4 |  |
| *The mother has a migration background* | 47% (865) | 48% (546) | 45% (319) | 2.6% | 0.6 |  |
| *The household earns less than €2,500 per month* | 36% (606) | 36% (367) | 36% (239) | -0.40% | >0.9 |  |
| *The mother is present biased* | 47% (861) | 48% (543) | 45% (318) | 2.5% | 0.6 |  |
| *Mother s knowledge about early childcare* | 12% (227) | 13% (147) | 11% (80) | 1.5% | 0.6 |  |
| *The mother is active at the baseline* | 70% (1,291) | 70% (795) | 70% (496) | -0.70% | >0.9 |  |
| *The mother wants to work after the maternity leave* | 89% (1,641) | 89% (1,014) | 89% (627) | -0.10% | >0.9 |  |
| *The household has ever used early childcare* | 40% (745) | 41% (473) | 39% (272) | 2.9% | 0.5 |  |
| *The mother wants to use early childcare* | 81% (1,491) | 81% (931) | 79% (560) | 2.1% | 0.5 |  |
| *The household has access to a computer* | 85% (1,564) | 83% (947) | 87% (617) | -4.5% | 0.032\*\* |  |
| *Early childcare coverage in the area of residence* | 41% (750) | 41% (471) | 40% (279) | 1.7% | 0.8 |  |
| *Gender of the child* |  |  |  | 0.01 |  | 0.05302001 |
| *Boy* | 48% (723) | 48% (443) | 48% (280) |  |  |  |
| *Girl* | 52% (774) | 52% (472) | 52% (302) |  |  |  |
| *Applied to any early childcare facility at endline* | 76% (1,104) | 78% (692) | 72% (412) | 6.1% | 0.030\*\* |  |
| *Applied to any daycare center at endline* | 49% (898) | 51% (582) | 45% (316) | 6.2% | 0.036\*\* |  |
| *Accessed any early childcare facility at endline* | 56% (817) | 60% (531) | 50% (286) | 10% | <0.001\*\*\* |  |
| *Accessed any daycare center at endline* | 18% (327) | 22% (252) | 11% (75) | 11% | <0.001\*\*\* |  |
| 1% (n); Mean (SD) | | | | | | |
| 23-sample test for equality of proportions without continuity correction; Welch Two Sample t-test; Standardized Mean Difference | | | | | | |
| 3\*p<0.1; \*\*p<0.05; \*\*\*p<0.01 | | | | | | |
| Sources: Baseline database. Proportions and number of observations in parentheses for categorical and dichotomous variables and Pearson's Chi-squared test. We report averages and standard deviations in parentheses for continuous variables and use a Kruskal-Wallis rank sum test. | | | | | | |

## 2.2 Correlation matrix between the main variables

This plot shows the tetrachoric correlation coefficients of the different variables used in the article.

## 2.3 Descriptive results on intention, application and access to early childcare by SES in the control group

Table 2.11:

|  | ***Intention*** | ***Application*** | ***Application Intention*** | ***Access*** | ***Access Apply*** |
| --- | --- | --- | --- | --- | --- |
| *Low-SES  (ref = High-SES)* | -0.153\* [-0.321, 0.014] | -0.240\*\*\* [-0.357, -0.124] | -0.156\*\*\* [-0.231, -0.080] | -0.336\*\*\* [-0.449, -0.224] | -0.168\*\*\* [-0.244, -0.093] |
|  | 0.084 (0.073) | 0.059 (<0.001) | 0.038 (<0.001) | 0.057 (<0.001) | 0.038 (<0.001) |
| *Intention to apply: Yes* |  |  | 0.516\*\*\* [0.426, 0.606] |  |  |
|  |  |  | 0.045 (<0.001) |  |  |
| *Applied* |  |  |  |  | 0.699\*\*\* [0.638, 0.761] |
|  |  |  |  |  | 0.031 (<0.001) |
| *R2* | 0.036 | 0.071 | 0.279 | 0.108 | 0.460 |
| *R2 Adj.* | 0.035 | 0.069 | 0.276 | 0.106 | 0.457 |
| *Num.Obs.* | 1849 | 494 | 494 | 494 | 494 |
| *Std.Errors* | by: StrataWave | by: StrataWave | by: StrataWave | by: StrataWave | by: StrataWave |
|  | | | | | |
| Coefficient, 95 % CI in brackets, standard errors, p-value or adjusted p-value in parenthesis | | | | | |

## 2.4 Descriptive results on intention, application and access to early childcare by migration background in the control group

Table 2.12:

|  | ***Intention*** | ***Application*** | ***Application Intention*** | ***Access*** | ***Access Apply*** |
| --- | --- | --- | --- | --- | --- |
| *MigrationBackground: Yes* | -0.068\*\*\* [-0.110, -0.027] | -0.139\*\*\* [-0.231, -0.047] | -0.118\*\*\* [-0.198, -0.039] | -0.246\*\*\* [-0.336, -0.157] | -0.146\*\*\* [-0.219, -0.072] |
|  | 0.021 (0.001) | 0.046 (0.003) | 0.040 (0.004) | 0.045 (<0.001) | 0.037 (<0.001) |
| *Intention to apply: Yes* |  |  | 0.548\*\*\* [0.457, 0.639] |  |  |
|  |  |  | 0.046 (<0.001) |  |  |
| *Applied* |  |  |  |  | 0.724\*\*\* [0.666, 0.782] |
|  |  |  |  |  | 0.029 (<0.001) |
| *R2* | 0.007 | 0.024 | 0.268 | 0.059 | 0.455 |
| *R2 Adj.* | 0.007 | 0.023 | 0.265 | 0.057 | 0.453 |
| *Num.Obs.* | 1849 | 494 | 494 | 494 | 494 |
| *Std.Errors* | by: StrataWave | by: StrataWave | by: StrataWave | by: StrataWave | by: StrataWave |
|  | | | | | |
| Coefficient, 95 % CI in brackets, standard errors, p-value or adjusted p-value in parenthesis | | | | | |

# 3 Part 3: Main results

## 3.1 Heterogeneous effects of the information-only treatment on early childcare applications and access

Table 3.1: Average gaps and heterogeneous treatment effects of the information-only treatment by SES and migration background

|  | | ***Group*** | ***Early childcare application*** | | ***Early childcare access*** | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Avg. control | Conditional ITT | Avg. control | Conditional ITT |
| *Information-only vs control* | SES | High-SES | 0.84\*\*\* (0.03) | -0.02 (0.02) | 0.70\*\*\* (0.03) | -0.04 (0.03) |
|  | [0.78, 0.90] | [-0.07, 0.03] | [0.62, 0.77] | [-0.12, 0.03] |
| adj.p.val. = 0.000 | adj.p.val. = 0.586 | adj.p.val. = 0.000 | adj.p.val. = 0.402 |
| Low-SES | 0.60\*\*\* (0.05) | 0.01 (0.05) | 0.35\*\*\* (0.04) | 0.02 (0.05) |
| [0.49, 0.70] | [-0.09, 0.12] | [0.25, 0.44] | [-0.09, 0.13] |
| adj.p.val. = 0.000 | adj.p.val. = 0.772 | adj.p.val. = 0.000 | adj.p.val. = 0.725 |
| Migration background | Yes | 0.66\*\*\* (0.05) | 0.00 (0.04) | 0.40\*\*\* (0.05) | -0.02 (0.05) |
| [0.55, 0.77] | [-0.09, 0.09] | [0.28, 0.52] | [-0.15, 0.11] |
| adj.p.val. = 0.000 | adj.p.val. = 0.941 | adj.p.val. = 0.000 | adj.p.val. = 0.737 |
| No | 0.82\*\*\* (0.03) | -0.01 (0.03) | 0.69\*\*\* (0.04) | -0.03 (0.03) |
| [0.75, 0.89] | [-0.07, 0.05] | [0.61, 0.77] | [-0.09, 0.04] |
| adj.p.val. = 0.000 | adj.p.val. = 0.834 | adj.p.val. = 0.000 | adj.p.val. = 0.631 |
| *Fixed effects* |  |  | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method. Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | |

## 3.2 Heterogeneous effects of the information-only treatment on daycare applications and access

Table 3.2: Average gaps and heterogeneous treatment effects of the information-only treatment by SES and migration background

|  | ***Variable*** | ***Group*** | ***Daycare application*** | | ***Daycare access*** | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Avg. control | Conditional ITT | Avg. control | Conditional ITT |
| *Information-only vs control* | SES | High-SES | 0.66\*\*\* (0.03) | 0.00 (0.04) | 0.23\*\*\* (0.02) | 0.00 (0.03) |
|  | [0.59, 0.73] | [-0.08, 0.08] | [0.18, 0.28] | [-0.07, 0.07] |
| adj.p.val. = 0.000 | adj.p.val. = 0.999 | adj.p.val. = 0.000 | adj.p.val. = 0.945 |
| Low-SES | 0.47\*\*\* (0.05) | 0.02 (0.04) | 0.18\*\*\* (0.03) | -0.03 (0.04) |
| [0.37, 0.57] | [-0.08, 0.12] | [0.11, 0.25] | [-0.13, 0.07] |
| adj.p.val. = 0.000 | adj.p.val. = 0.635 | adj.p.val. = 0.000 | adj.p.val. = 0.690 |
| Migration background | Yes | 0.54\*\*\* (0.04) | 0.05 (0.04) | 0.16\*\*\* (0.03) | 0.02 (0.04) |
| [0.44, 0.64] | [-0.05, 0.14] | [0.10, 0.22] | [-0.08, 0.12] |
| adj.p.val. = 0.000 | adj.p.val. = 0.241 | adj.p.val. = 0.000 | adj.p.val. = 0.656 |
| No | 0.63\*\*\* (0.03) | 0.00 (0.04) | 0.24\*\*\* (0.03) | -0.01 (0.04) |
| [0.55, 0.71] | [-0.09, 0.09] | [0.18, 0.30] | [-0.10, 0.08] |
| adj.p.val. = 0.000 | adj.p.val. = 0.974 | adj.p.val. = 0.000 | adj.p.val. = 0.827 |
| *Fixed effects* |  |  | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method. Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | |

# 4 Part 4: Mechanisms

## 4.1 Information Costs

### 4.1.1 Heterogeneous effects of the treatments by main dimensions of information costs presented in the manuscript

#### 4.1.1.1 Application and access to early childcare

Table 4.1: Average gaps and heterogeneous treatment effects of the information + support treatlent on early childcare application and access

|  | ***Variable*** | ***Group*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Avg. control | Conditional ITT | Conditional ATT | Avg. control | Conditional ITT | Conditional ATT |
| *Information + support vs control* | Descriptive Norms | Minority | 0.55\*\*\* (0.05) | 0.12\*\*\* (0.04) | 0.22\*\*\* (0.08) | 0.31\*\*\* (0.05) | 0.10\*\* (0.04) | 0.18\*\* (0.08) |
|  | [0.44, 0.67] | [0.02, 0.22] | [0.04, 0.39] | [0.20, 0.41] | [0.00, 0.20] | [0.01, 0.36] |
| adj.p.val. = 0.000 | adj.p.val. = 0.013 | adj.p.val. = 0.010 | adj.p.val. = 0.000 | adj.p.val. = 0.051 | adj.p.val. = 0.035 |
| Majority | 0.86\*\*\* (0.02) | 0.01 (0.02) | 0.03 (0.05) | 0.72\*\*\* (0.03) | -0.01 (0.03) | -0.02 (0.06) |
| [0.81, 0.92] | [-0.04, 0.07] | [-0.08, 0.13] | [0.65, 0.79] | [-0.08, 0.06] | [-0.16, 0.11] |
| adj.p.val. = 0.000 | adj.p.val. = 0.584 | adj.p.val. = 0.583 | adj.p.val. = 0.000 | adj.p.val. = 0.915 | adj.p.val. = 0.915 |
| Ever Used Early Childcare | Never used | 0.69\*\*\* (0.05) | 0.09\*\*\* (0.03) | 0.16\*\*\* (0.05) | 0.50\*\*\* (0.05) | 0.06\* (0.03) | 0.10\* (0.06) |
| [0.59, 0.79] | [0.03, 0.16] | [0.05, 0.28] | [0.38, 0.62] | [-0.01, 0.13] | [-0.03, 0.23] |
| adj.p.val. = 0.000 | adj.p.val. = 0.002 | adj.p.val. = 0.003 | adj.p.val. = 0.000 | adj.p.val. = 0.153 | adj.p.val. = 0.141 |
| Already used | 0.84\*\*\* (0.03) | 0.01 (0.03) | 0.01 (0.05) | 0.69\*\*\* (0.04) | -0.04 (0.05) | -0.08 (0.09) |
| [0.77, 0.92] | [-0.06, 0.07] | [-0.11, 0.13] | [0.59, 0.79] | [-0.15, 0.07] | [-0.28, 0.12] |
| adj.p.val. = 0.000 | adj.p.val. = 0.818 | adj.p.val. = 0.817 | adj.p.val. = 0.000 | adj.p.val. = 0.664 | adj.p.val. = 0.606 |
| Level of knowledge | High knowledge | 0.80\*\*\* (0.03) | 0.01 (0.02) | 0.02 (0.04) | 0.63\*\*\* (0.03) | -0.01 (0.03) | -0.03 (0.05) |
| [0.74, 0.87] | [-0.04, 0.06] | [-0.07, 0.11] | [0.55, 0.70] | [-0.08, 0.05] | [-0.15, 0.09] |
| adj.p.val. = 0.000 | adj.p.val. = 0.573 | adj.p.val. = 0.572 | adj.p.val. = 0.000 | adj.p.val. = 0.624 | adj.p.val. = 0.622 |
| Low knowledge | 0.36\*\*\* (0.09) | 0.24\*\* (0.10) | 0.42\*\* (0.20) | 0.05 (0.04) | 0.27\*\*\* (0.06) | 0.48\*\*\* (0.11) |
| [0.15, 0.57] | [0.00, 0.49] | [-0.02, 0.86] | [-0.03, 0.14] | [0.13, 0.41] | [0.22, 0.73] |
| adj.p.val. = 0.000 | adj.p.val. = 0.056 | adj.p.val. = 0.061 | adj.p.val. = 0.132 | adj.p.val. = 0.000 | adj.p.val. = 0.000 |
| *Fixed effects* |  |  | X | X | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method. Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | | |

#### 4.1.1.2 Application and access to daycare

Table 4.2: Average gaps and heterogeneous treatment effects

|  | ***Variable*** | ***Group*** | ***Daycare application*** | | | ***Daycare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Avg. control | Conditional ITT | Conditional ATT | Avg. control | Conditional ITT | Conditional ATT |
| *Information + support vs control* | Descriptive Norms | Minority | 0.44\*\*\* (0.05) | 0.13\*\*\* (0.05) | 0.24\*\*\* (0.09) | 0.14\*\*\* (0.03) | 0.07\* (0.04) | 0.13\* (0.07) |
|  | [0.33, 0.55] | [0.02, 0.25] | [0.05, 0.44] | [0.07, 0.21] | [-0.02, 0.16] | [-0.03, 0.29] |
| adj.p.val. = 0.000 | adj.p.val. = 0.018 | adj.p.val. = 0.011 | adj.p.val. = 0.000 | adj.p.val. = 0.139 | adj.p.val. = 0.076 |
| Majority | 0.66\*\*\* (0.03) | 0.07\*\* (0.04) | 0.15\*\* (0.07) | 0.25\*\*\* (0.02) | 0.05 (0.03) | 0.10 (0.07) |
| [0.60, 0.73] | [-0.01, 0.16] | [-0.01, 0.31] | [0.19, 0.31] | [-0.03, 0.13] | [-0.05, 0.25] |
| adj.p.val. = 0.000 | adj.p.val. = 0.093 | adj.p.val. = 0.060 | adj.p.val. = 0.000 | adj.p.val. = 0.288 | adj.p.val. = 0.220 |
| Ever Used Early Childcare | Never used | 0.56\*\*\* (0.04) | 0.12\*\*\* (0.03) | 0.22\*\*\* (0.05) | 0.19\*\*\* (0.03) | 0.04\* (0.03) | 0.08\* (0.05) |
| [0.48, 0.65] | [0.05, 0.19] | [0.09, 0.34] | [0.13, 0.25] | [-0.01, 0.10] | [-0.02, 0.18] |
| adj.p.val. = 0.000 | adj.p.val. = 0.000 | adj.p.val. = 0.000 | adj.p.val. = 0.000 | adj.p.val. = 0.152 | adj.p.val. = 0.087 |
| Already used | 0.64\*\*\* (0.04) | 0.05 (0.04) | 0.10 (0.07) | 0.26\*\*\* (0.03) | 0.06\* (0.04) | 0.13 (0.08) |
| [0.55, 0.73] | [-0.04, 0.14] | [-0.06, 0.26] | [0.19, 0.33] | [-0.02, 0.15] | [-0.04, 0.29] |
| adj.p.val. = 0.000 | adj.p.val. = 0.377 | adj.p.val. = 0.308 | adj.p.val. = 0.000 | adj.p.val. = 0.168 | adj.p.val. = 0.127 |
| Level of knowledge | High knowledge | 0.62\*\*\* (0.03) | 0.07\*\* (0.03) | 0.13\*\* (0.05) | 0.23\*\*\* (0.02) | 0.04\* (0.02) | 0.08\* (0.05) |
| [0.56, 0.69] | [0.00, 0.14] | [0.01, 0.25] | [0.18, 0.28] | [-0.01, 0.10] | [-0.02, 0.18] |
| adj.p.val. = 0.000 | adj.p.val. = 0.042 | adj.p.val. = 0.026 | adj.p.val. = 0.000 | adj.p.val. = 0.157 | adj.p.val. = 0.091 |
| Low knowledge | 0.34\*\*\* (0.09) | 0.18 (0.12) | 0.31 (0.21) | 0.03 (0.03) | 0.21\*\*\* (0.06) | 0.36\*\*\* (0.10) |
| [0.12, 0.56] | [-0.10, 0.45] | [-0.17, 0.78] | [-0.04, 0.10] | [0.08, 0.34] | [0.13, 0.59] |
| adj.p.val. = 0.001 | adj.p.val. = 0.324 | adj.p.val. = 0.274 | adj.p.val. = 0.305 | adj.p.val. = 0.001 | adj.p.val. = 0.001 |
| *Fixed effects* |  |  | X | X | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method. Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | | |

### 4.1.2 Heterogeneous effects of the treatments on generic knowledge of the early childcare system (pre-registered intermediary outcomes)

#### 4.1.2.1 Number of early childcare types known

#### 4.1.2.2 Knowledge that early childcare is subsidised

Table 4.3: Heterogeneous treatment effects on the number of early childcare types known: SES & Migration background

|  | ***Group*** | ***Number of early childcare types known*** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Abroad |  |  |  | 0.83\*\*\* (0.03) | -0.02 (0.04) | -0.04 (0.06) |
|  |  |  |  | [0.76, 0.90] | [-0.10, 0.05] | [-0.17, 0.09] |
|  |  |  | adj.p.val. = 0.000 | adj.p.val. = 0.503 | adj.p.val. = 0.503 |
| France |  |  |  | 0.97\*\*\* (0.01) | -0.01 (0.01) | -0.02 (0.03) |
|  |  |  | [0.95, 0.99] | [-0.04, 0.02] | [-0.10, 0.05] |
|  |  |  | adj.p.val. = 0.000 | adj.p.val. = 0.697 | adj.p.val. = 0.702 |
| High-SES | 0.96\*\*\* (0.01) | -0.02 (0.02) | -0.05 (0.04) |  |  |  |
| [0.93, 0.99] | [-0.06, 0.02] | [-0.13, 0.03] |  |  |  |
| adj.p.val. = 0.000 | adj.p.val. = 0.320 | adj.p.val. = 0.324 |  |  |  |
| Low-SES | 0.83\*\*\* (0.03) | -0.03 (0.04) | -0.06 (0.07) |  |  |  |
| [0.77, 0.90] | [-0.11, 0.05] | [-0.21, 0.09] |  |  |  |
| adj.p.val. = 0.000 | adj.p.val. = 0.583 | adj.p.val. = 0.585 |  |  |  |
| *Num.Obs.* |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.864 | 0.172 | 0.170 | 0.878 | 0.301 | 0.299 |
| *R2 Adj.* | 0.850 | 0.092 | 0.090 | 0.853 | 0.159 | 0.157 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 297 |  |  | 313 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value.  Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level.  Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

Table 4.3: Heterogeneous treatment effects on the number of early childcare types known: Baseline level of knowledge & temporal orientation

|  | ***Group*** | ***Number of early childcare types known*** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | High knowledge |  |  |  | 0.95\*\*\* (0.01) | -0.02 (0.02) | -0.03 (0.03) |
|  |  |  |  | [0.92, 0.97] | [-0.05, 0.02] | [-0.11, 0.04] |
|  |  |  | adj.p.val. = 0.000 | adj.p.val. = 0.540 | adj.p.val. = 0.542 |
| Low knowledge |  |  |  | 0.54\*\*\* (0.09) | 0.02 (0.10) | 0.04 (0.18) |
|  |  |  | [0.34, 0.74] | [-0.21, 0.25] | [-0.37, 0.44] |
|  |  |  | adj.p.val. = 0.000 | adj.p.val. = 0.974 | adj.p.val. = 0.975 |
| Present Orientated | 0.89\*\*\* (0.03) | -0.06\*\* (0.03) | -0.12\*\* (0.06) |  |  |  |
| [0.83, 0.95] | [-0.13, 0.00] | [-0.25, 0.01] |  |  |  |
| adj.p.val. = 0.000 | adj.p.val. = 0.069 | adj.p.val. = 0.074 |  |  |  |
| Future Orientated | 0.93\*\*\* (0.02) | 0.03\* (0.02) | 0.06\* (0.03) |  |  |  |
| [0.89, 0.96] | [-0.01, 0.07] | [-0.02, 0.14] |  |  |  |
| adj.p.val. = 0.000 | adj.p.val. = 0.130 | adj.p.val. = 0.139 |  |  |  |
| *Num.Obs.* |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.878 | 0.310 | 0.309 | 0.886 | 0.345 | 0.345 |
| *R2 Adj.* | 0.854 | 0.170 | 0.169 | 0.868 | 0.242 | 0.241 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 287 |  |  | 349 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value.  Standard errors are cluster-heteroskedasticity robust adjusted at the block level.  Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

## 4.2 Psychological and social costs

### 4.2.1 Heterogeneous effects of the treatments by main dimensions of psychological costs presented in the manuscript

#### 4.2.1.1 Application and access to early childcare

Table 4.4: Average gaps and heterogeneous treatment effects

|  | ***Variable*** | ***Group*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Avg. control | Conditional ITT | Conditional ATT | Avg. control | Conditional ITT | Conditional ATT |
| *Information + support vs control* | Present biased | Yes | 0.66\*\*\* (0.04) | 0.08\*\* (0.04) | 0.14\*\* (0.07) | 0.44\*\*\* (0.05) | 0.05 (0.05) | 0.09 (0.09) |
|  | [0.56, 0.75] | [-0.01, 0.16] | [-0.01, 0.29] | [0.34, 0.55] | [-0.06, 0.16] | [-0.11, 0.28] |
| adj.p.val. = 0.000 | adj.p.val. = 0.104 | adj.p.val. = 0.066 | adj.p.val. = 0.000 | adj.p.val. = 0.502 | adj.p.val. = 0.497 |
| No | 0.83\*\*\* (0.03) | 0.02 (0.03) | 0.03 (0.05) | 0.68\*\*\* (0.04) | 0.00 (0.03) | 0.00 (0.07) |
| [0.77, 0.90] | [-0.04, 0.08] | [-0.08, 0.15] | [0.59, 0.76] | [-0.08, 0.08] | [-0.15, 0.16] |
| adj.p.val. = 0.000 | adj.p.val. = 0.507 | adj.p.val. = 0.506 | adj.p.val. = 0.000 | adj.p.val. = 0.968 | adj.p.val. = 0.968 |
| Trust | High trust | 0.81\*\*\* (0.03) | 0.05\*\* (0.02) | 0.09\*\* (0.04) | 0.63\*\*\* (0.03) | 0.00 (0.03) | 0.01 (0.05) |
| [0.75, 0.87] | [0.00, 0.10] | [0.00, 0.18] | [0.55, 0.71] | [-0.06, 0.07] | [-0.11, 0.13] |
| adj.p.val. = 0.000 | adj.p.val. = 0.047 | adj.p.val. = 0.037 | adj.p.val. = 0.000 | adj.p.val. = 0.902 | adj.p.val. = 0.871 |
| Low trust | 0.34\*\*\* (0.08) | 0.11 (0.09) | 0.26 (0.21) | 0.12\*\* (0.05) | 0.16\*\* (0.07) | 0.36\*\* (0.16) |
| [0.16, 0.52] | [-0.10, 0.32] | [-0.21, 0.73] | [0.00, 0.24] | [-0.01, 0.32] | [0.02, 0.71] |
| adj.p.val. = 0.000 | adj.p.val. = 0.463 | adj.p.val. = 0.354 | adj.p.val. = 0.022 | adj.p.val. = 0.065 | adj.p.val. = 0.037 |
| Activity | Active | 0.88\*\*\* (0.02) | 0.01 (0.02) | 0.01 (0.04) | 0.71\*\*\* (0.03) | 0.00 (0.03) | 0.00 (0.06) |
| [0.83, 0.93] | [-0.04, 0.06] | [-0.08, 0.10] | [0.64, 0.79] | [-0.07, 0.07] | [-0.13, 0.13] |
| adj.p.val. = 0.000 | adj.p.val. = 0.943 | adj.p.val. = 0.778 | adj.p.val. = 0.000 | adj.p.val. = 0.992 | adj.p.val. = 0.990 |
| Inactive | 0.40\*\*\* (0.06) | 0.16\*\*\* (0.05) | 0.32\*\*\* (0.10) | 0.21\*\*\* (0.05) | 0.05 (0.05) | 0.09 (0.11) |
| [0.27, 0.53] | [0.05, 0.27] | [0.09, 0.54] | [0.10, 0.32] | [-0.08, 0.17] | [-0.15, 0.33] |
| adj.p.val. = 0.000 | adj.p.val. = 0.002 | adj.p.val. = 0.004 | adj.p.val. = 0.000 | adj.p.val. = 0.612 | adj.p.val. = 0.400 |
| *Fixed effects* |  |  | X | X | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Models are jointly estimating conditional averages in each pair of treatment arm. Adjusted p-value and confidence intervals account for simultaneous inference across treatment arms. | | | | | | | | |

#### 4.2.1.2 Application and access to daycare

Table 4.5: Average gaps and heterogeneous treatment effects

|  | ***Variable*** | ***Group*** | ***Daycare application*** | | | ***Daycare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Avg. control | Conditional ITT | Conditional ATT | Avg. control | Conditional ITT | Conditional ATT |
| *Information + support vs control* | Present biased | Yes | 0.54\*\*\* (0.04) | 0.08\* (0.04) | 0.15\*\* (0.07) | 0.18\*\*\* (0.03) | 0.10\*\* (0.05) | 0.18\*\* (0.09) |
|  | [0.44, 0.64] | [-0.01, 0.17] | [-0.01, 0.31] | [0.11, 0.25] | [-0.01, 0.21] | [-0.01, 0.37] |
| adj.p.val. = 0.000 | adj.p.val. = 0.118 | adj.p.val. = 0.081 | adj.p.val. = 0.000 | adj.p.val. = 0.105 | adj.p.val. = 0.075 |
| No | 0.64\*\*\* (0.03) | 0.08\* (0.04) | 0.15\* (0.08) | 0.25\*\*\* (0.03) | 0.01 (0.03) | 0.02 (0.06) |
| [0.56, 0.71] | [-0.02, 0.17] | [-0.02, 0.33] | [0.19, 0.31] | [-0.07, 0.09] | [-0.12, 0.16] |
| adj.p.val. = 0.000 | adj.p.val. = 0.103 | adj.p.val. = 0.050 | adj.p.val. = 0.000 | adj.p.val. = 0.730 | adj.p.val. = 0.731 |
| Trust | High trust | 0.64\*\*\* (0.03) | 0.10\*\*\* (0.03) | 0.19\*\*\* (0.05) | 0.23\*\*\* (0.02) | 0.07\*\*\* (0.02) | 0.13\*\*\* (0.05) |
| [0.57, 0.70] | [0.04, 0.16] | [0.08, 0.29] | [0.18, 0.28] | [0.01, 0.12] | [0.03, 0.23] |
| adj.p.val. = 0.000 | adj.p.val. = 0.000 | adj.p.val. = 0.000 | adj.p.val. = 0.000 | adj.p.val. = 0.008 | adj.p.val. = 0.011 |
| Low trust | 0.27\*\*\* (0.07) | 0.10 (0.08) | 0.22 (0.19) | 0.08\*\* (0.04) | 0.06 (0.06) | 0.14 (0.13) |
| [0.11, 0.43] | [-0.09, 0.28] | [-0.20, 0.65] | [-0.01, 0.17] | [-0.07, 0.19] | [-0.15, 0.43] |
| adj.p.val. = 0.000 | adj.p.val. = 0.374 | adj.p.val. = 0.392 | adj.p.val. = 0.080 | adj.p.val. = 0.292 | adj.p.val. = 0.301 |
| Activity | Active | 0.68\*\*\* (0.03) | 0.06\* (0.03) | 0.10\* (0.06) | 0.26\*\*\* (0.02) | 0.05 (0.03) | 0.09 (0.06) |
| [0.62, 0.74] | [-0.02, 0.13] | [-0.03, 0.24] | [0.21, 0.32] | [-0.02, 0.12] | [-0.04, 0.22] |
| adj.p.val. = 0.000 | adj.p.val. = 0.202 | adj.p.val. = 0.141 | adj.p.val. = 0.000 | adj.p.val. = 0.222 | adj.p.val. = 0.162 |
| Inactive | 0.34\*\*\* (0.05) | 0.16\*\*\* (0.05) | 0.31\*\*\* (0.11) | 0.12\*\*\* (0.04) | 0.04 (0.05) | 0.08 (0.09) |
| [0.22, 0.47] | [0.04, 0.28] | [0.07, 0.55] | [0.03, 0.20] | [-0.07, 0.15] | [-0.13, 0.29] |
| adj.p.val. = 0.000 | adj.p.val. = 0.006 | adj.p.val. = 0.007 | adj.p.val. = 0.003 | adj.p.val. = 0.597 | adj.p.val. = 0.403 |
| *Fixed effects* |  |  | X | X | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block level. Models are jointly estimating conditional averages in each pair of treatment arm. Adjusted p-value and confidence intervals account for simultaneous inference across treatment arms. | | | | | | | | |

### 4.2.2 Interaction effects Active X SES

Table 4.6: Average effects on application and access to early childcare by level of education and employment status at baseline

|  | ***Activity*** | ***SES*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Active | High | 0.92\*\*\* (0.02) | 0.01 (0.02) | 0.01 (0.04) | 0.80\*\*\* (0.03) | 0.00 (0.03) | 0.00 (0.06) |
|  | [0.88, 0.97] | [-0.04, 0.06] | [-0.08, 0.10] | [0.74, 0.86] | [-0.07, 0.08] | [-0.14, 0.14] |
| adj.p.val. = 0.000 | adj.p.val. = 0.873 | adj.p.val. = 0.870 | adj.p.val. = 0.000 | adj.p.val. = 0.956 | adj.p.val. = 0.956 |
| Low | 0.76\*\*\* (0.05) | 0.01 (0.05) | 0.01 (0.10) | 0.48\*\*\* (0.05) | 0.00 (0.07) | -0.01 (0.14) |
| [0.66, 0.87] | [-0.11, 0.12] | [-0.21, 0.23] | [0.36, 0.59] | [-0.16, 0.15] | [-0.31, 0.29] |
| adj.p.val. = 0.000 | adj.p.val. = 0.903 | adj.p.val. = 0.903 | adj.p.val. = 0.000 | adj.p.val. = 0.998 | adj.p.val. = 0.998 |
| Inactive | High | 0.44\*\*\* (0.08) | 0.14\* (0.08) | 0.36\* (0.21) | 0.22\*\*\* (0.07) | 0.05 (0.09) | 0.12 (0.21) |
| [0.26, 0.62] | [-0.03, 0.31] | [-0.11, 0.83] | [0.07, 0.38] | [-0.14, 0.24] | [-0.35, 0.60] |
| adj.p.val. = 0.000 | adj.p.val. = 0.125 | adj.p.val. = 0.163 | adj.p.val. = 0.001 | adj.p.val. = 0.758 | adj.p.val. = 0.739 |
| Low | 0.38\*\*\* (0.07) | 0.17\*\*\* (0.06) | 0.30\*\* (0.12) | 0.20\*\*\* (0.06) | 0.04 (0.07) | 0.08 (0.12) |
| [0.22, 0.54] | [0.03, 0.30] | [0.04, 0.56] | [0.06, 0.34] | [-0.11, 0.20] | [-0.20, 0.35] |
| adj.p.val. = 0.000 | adj.p.val. = 0.010 | adj.p.val. = 0.019 | adj.p.val. = 0.002 | adj.p.val. = 0.525 | adj.p.val. = 0.532 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.778 | 0.509 | 0.515 | 0.647 | 0.451 | 0.452 |
| *R2 Adj.* | 0.733 | 0.410 | 0.416 | 0.576 | 0.340 | 0.340 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 141 |  |  | 141 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method. Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | | |

### 4.2.3 Attitudes & SES (Reviewer 1)

#### 4.2.3.1 More on trust in early childcare facilities

##### 4.2.3.1.1 Interaction SES and trust

Table 4.7: Average effects on application and access to early childcare by level of education and Trusts towards early childcare

|  | ***Trust*** | ***SES*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | High | 0.87\*\*\* (0.02) | 0.04\* (0.03) | 0.08 (0.05) | 0.73\*\*\* (0.03) | 0.02 (0.04) | 0.04 (0.07) |
|  | [0.82, 0.92] | [-0.01, 0.10] | [-0.03, 0.20] | [0.66, 0.80] | [-0.06, 0.10] | [-0.12, 0.20] |
| adj.p.val. = 0.000 | adj.p.val. = 0.105 | adj.p.val. = 0.098 | adj.p.val. = 0.000 | adj.p.val. = 0.601 | adj.p.val. = 0.601 |
| Low | 0.70\*\*\* (0.05) | 0.07\* (0.04) | 0.11\* (0.07) | 0.43\*\*\* (0.04) | -0.03 (0.05) | -0.04 (0.08) |
| [0.58, 0.81] | [-0.02, 0.15] | [-0.04, 0.26] | [0.33, 0.53] | [-0.14, 0.09] | [-0.23, 0.15] |
| adj.p.val. = 0.000 | adj.p.val. = 0.167 | adj.p.val. = 0.176 | adj.p.val. = 0.000 | adj.p.val. = 0.849 | adj.p.val. = 0.845 |
| No | High | 0.49\*\*\* (0.15) | -0.02 (0.11) | -0.04 (0.22) | 0.23\*\* (0.10) | 0.00 (0.08) | 0.00 (0.16) |
| [0.16, 0.82] | [-0.26, 0.22] | [-0.52, 0.44] | [0.00, 0.45] | [-0.18, 0.18] | [-0.36, 0.35] |
| adj.p.val. = 0.001 | adj.p.val. = 0.851 | adj.p.val. = 0.849 | adj.p.val. = 0.023 | adj.p.val. = 0.998 | adj.p.val. = 0.998 |
| Low | 0.24\*\*\* (0.07) | 0.20 (0.13) | 0.52 (0.33) | 0.04 (0.04) | 0.26\*\*\* (0.09) | 0.68\*\*\* (0.23) |
| [0.08, 0.40] | [-0.08, 0.48] | [-0.21, 1.25] | [-0.05, 0.14] | [0.05, 0.46] | [0.17, 1.18] |
| adj.p.val. = 0.001 | adj.p.val. = 0.197 | adj.p.val. = 0.193 | adj.p.val. = 0.318 | adj.p.val. = 0.010 | adj.p.val. = 0.006 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.742 | 0.464 | 0.473 | 0.591 | 0.375 | 0.373 |
| *R2 Adj.* | 0.693 | 0.361 | 0.372 | 0.512 | 0.255 | 0.253 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 134 |  |  | 134 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference using themethod.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | | |

#### 4.2.3.2 Beliefs about the benefits of early childcare

##### 4.2.3.2.1 Early childcare application and access

Table 4.8: Average effects on application and access to early childcare by beliefs in early childcare benefits for child development

|  | ***Group*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | 0.79\*\*\* (0.03) | 0.05\* (0.03) | 0.10\* (0.06) | 0.60\*\*\* (0.04) | -0.02 (0.04) | -0.03 (0.08) |
|  | [0.71, 0.87] | [-0.02, 0.13] | [-0.03, 0.22] | [0.52, 0.69] | [-0.12, 0.09] | [-0.20, 0.14] |
| adj.p.val. = 0.000 | adj.p.val. = 0.213 | adj.p.val. = 0.167 | adj.p.val. = 0.000 | adj.p.val. = 0.901 | adj.p.val. = 0.901 |
| No | 0.70\*\*\* (0.05) | 0.03 (0.04) | 0.06 (0.08) | 0.53\*\*\* (0.05) | 0.06 (0.04) | 0.12 (0.07) |
| [0.59, 0.81] | [-0.06, 0.11] | [-0.11, 0.22] | [0.41, 0.66] | [-0.03, 0.14] | [-0.05, 0.28] |
| adj.p.val. = 0.000 | adj.p.val. = 0.656 | adj.p.val. = 0.457 | adj.p.val. = 0.000 | adj.p.val. = 0.196 | adj.p.val. = 0.110 |
| *Num.Obs.* |  | 2906 | 2906 | 1946 | 2906 | 2906 | 1946 |
| *R2* | 0.723 | 0.441 | 0.453 | 0.552 | 0.371 | 0.364 |
| *R2 Adj.* | 0.668 | 0.329 | 0.343 | 0.462 | 0.244 | 0.237 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 288 |  |  | 288 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

##### 4.2.3.2.2 Daycare application and access

Table 4.9: Average effects on application and access to daycare by beliefs in early childcare benefits for child development

|  | ***Group*** | ***Daycare application*** | | | ***Daycare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | 0.63\*\*\* (0.03) | 0.09\*\* (0.04) | 0.16\*\* (0.06) | 0.25\*\*\* (0.03) | 0.04 (0.03) | 0.08 (0.06) |
|  | [0.55, 0.71] | [0.01, 0.17] | [0.02, 0.30] | [0.18, 0.31] | [-0.04, 0.13] | [-0.06, 0.22] |
| adj.p.val. = 0.000 | adj.p.val. = 0.031 | adj.p.val. = 0.022 | adj.p.val. = 0.000 | adj.p.val. = 0.414 | adj.p.val. = 0.347 |
| No | 0.55\*\*\* (0.04) | 0.07 (0.05) | 0.14 (0.10) | 0.18\*\*\* (0.03) | 0.04 (0.03) | 0.09 (0.07) |
| [0.45, 0.65] | [-0.05, 0.18] | [-0.09, 0.36] | [0.11, 0.25] | [-0.03, 0.12] | [-0.05, 0.23] |
| adj.p.val. = 0.000 | adj.p.val. = 0.317 | adj.p.val. = 0.177 | adj.p.val. = 0.000 | adj.p.val. = 0.285 | adj.p.val. = 0.156 |
| *Num.Obs.* |  | 2906 | 2906 | 1946 | 2906 | 2906 | 1946 |
| *R2* | 0.552 | 0.307 | 0.334 | 0.267 | 0.196 | 0.189 |
| *R2 Adj.* | 0.462 | 0.169 | 0.201 | 0.120 | 0.035 | 0.028 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 288 |  |  | 288 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

##### 4.2.3.2.3 Interaction SES and beliefs

Table 4.10: Average effects on application and access to early childcare by level of education and beliefs in the benefits of early childcare for child development

|  | ***Beliefs*** | ***SES*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | High | 0.84\*\*\* (0.03) | 0.05 (0.03) | 0.09 (0.06) | 0.70\*\*\* (0.03) | 0.01 (0.05) | 0.01 (0.09) |
|  | [0.78, 0.91] | [-0.02, 0.12] | [-0.04, 0.22] | [0.62, 0.78] | [-0.10, 0.12] | [-0.20, 0.22] |
| adj.p.val. = 0.000 | adj.p.val. = 0.181 | adj.p.val. = 0.196 | adj.p.val. = 0.000 | adj.p.val. = 0.944 | adj.p.val. = 0.944 |
| Low | 0.70\*\*\* (0.07) | 0.06 (0.07) | 0.10 (0.11) | 0.44\*\*\* (0.06) | -0.05 (0.08) | -0.09 (0.13) |
| [0.54, 0.85] | [-0.09, 0.21] | [-0.15, 0.35] | [0.30, 0.57] | [-0.23, 0.12] | [-0.38, 0.21] |
| adj.p.val. = 0.000 | adj.p.val. = 0.587 | adj.p.val. = 0.589 | adj.p.val. = 0.000 | adj.p.val. = 0.733 | adj.p.val. = 0.729 |
| No | High | 0.83\*\*\* (0.05) | -0.05 (0.04) | -0.09 (0.08) | 0.68\*\*\* (0.06) | -0.01 (0.04) | -0.02 (0.08) |
| [0.73, 0.93] | [-0.13, 0.03] | [-0.27, 0.08] | [0.56, 0.81] | [-0.10, 0.08] | [-0.20, 0.15] |
| adj.p.val. = 0.000 | adj.p.val. = 0.200 | adj.p.val. = 0.216 | adj.p.val. = 0.000 | adj.p.val. = 0.777 | adj.p.val. = 0.778 |
| Low | 0.46\*\*\* (0.07) | 0.17\*\* (0.08) | 0.36\*\* (0.16) | 0.24\*\*\* (0.06) | 0.19\*\*\* (0.06) | 0.40\*\*\* (0.15) |
| [0.29, 0.62] | [0.00, 0.34] | [0.01, 0.71] | [0.11, 0.38] | [0.05, 0.33] | [0.08, 0.72] |
| adj.p.val. = 0.000 | adj.p.val. = 0.047 | adj.p.val. = 0.042 | adj.p.val. = 0.000 | adj.p.val. = 0.006 | adj.p.val. = 0.011 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.732 | 0.451 | 0.455 | 0.576 | 0.367 | 0.366 |
| *R2 Adj.* | 0.678 | 0.340 | 0.345 | 0.490 | 0.240 | 0.238 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 146 |  |  | 146 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference using themethod.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | | |

### 4.2.4 More on Norms

#### 4.2.4.1 Descriptive norms

##### 4.2.4.1.1 Effects of the Information-only treatment on early childcare application and access

Table 4.11: Average effects on application and access to early childcare by whether more than half of friends and relatives use early childcare

|  | ***Group*** | ***Early childcare application*** | | ***Early childcare access*** | |
| --- | --- | --- | --- | --- | --- |
| Control mean | ITT | Control mean | ITT |
| *Information only vs Control* | No | 0.57\*\*\* (0.05) | 0.00 (0.06) | 0.31\*\*\* (0.04) | 0.00 (0.05) |
|  | [0.45, 0.68] | [-0.14, 0.14] | [0.21, 0.41] | [-0.13, 0.12] |
| adj.p.val. = 0.000 | adj.p.val. = 0.988 | adj.p.val. = 0.000 | adj.p.val. = 0.945 |
| Yes | 0.88\*\*\* (0.02) | -0.03 (0.03) | 0.72\*\*\* (0.03) | -0.03 (0.04) |
| [0.83, 0.93] | [-0.09, 0.03] | [0.64, 0.79] | [-0.12, 0.05] |
| adj.p.val. = 0.000 | adj.p.val. = 0.385 | adj.p.val. = 0.000 | adj.p.val. = 0.598 |
| *Num.Obs.* |  | 2906 | 2906 | 2906 | 2906 |
| *R2* | 0.747 | 0.462 | 0.600 | 0.402 |
| *R2 Adj.* | 0.696 | 0.353 | 0.519 | 0.281 |
| *Fixed effects* | X | X | X | X |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | |

##### 4.2.4.1.2 Effects of the Information + Support treatment on early childcare application and access

##### 4.2.4.1.3 Effects of the Information-only treatment on daycare application and access

Table 4.12: Average effects on application and access to daycare by whether more than half of friends and relatives use early childcare

|  | ***Group*** | ***Daycare application*** | | ***Daycare access*** | |
| --- | --- | --- | --- | --- | --- |
| Control mean | ITT | Control mean | ITT |
| *Information only vs Control* | No | 0.46\*\*\* (0.05) | 0.04 (0.06) | 0.15\*\*\* (0.03) | -0.05 (0.04) |
|  | [0.35, 0.57] | [-0.11, 0.19] | [0.08, 0.22] | [-0.14, 0.03] |
| adj.p.val. = 0.000 | adj.p.val. = 0.527 | adj.p.val. = 0.000 | adj.p.val. = 0.150 |
| Yes | 0.68\*\*\* (0.03) | -0.01 (0.04) | 0.26\*\*\* (0.03) | 0.00 (0.04) |
| [0.61, 0.75] | [-0.11, 0.08] | [0.20, 0.32] | [-0.08, 0.08] |
| adj.p.val. = 0.000 | adj.p.val. = 0.792 | adj.p.val. = 0.000 | adj.p.val. = 0.938 |
| *Num.Obs.* |  | 2906 | 2906 | 2906 | 2906 |
| *R2* | 0.561 | 0.302 | 0.261 | 0.179 |
| *R2 Adj.* | 0.472 | 0.161 | 0.112 | 0.013 |
| *Fixed effects* | X | X | X | X |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | |

##### 4.2.4.1.4 Effects of the Information + Support treatment on daycare application and access

Table 4.13: Average effects on application and access to daycare by whether more than half of friends and relatives use early childcare

|  | ***Group*** | ***Daycare application*** | | | ***Daycare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | No | 0.44\*\*\* (0.05) | 0.13\*\*\* (0.05) | 0.24\*\*\* (0.09) | 0.14\*\*\* (0.03) | 0.07\* (0.04) | 0.13\* (0.07) |
|  | [0.33, 0.55] | [0.02, 0.25] | [0.05, 0.44] | [0.07, 0.21] | [-0.02, 0.16] | [-0.03, 0.29] |
| adj.p.val. = 0.000 | adj.p.val. = 0.018 | adj.p.val. = 0.011 | adj.p.val. = 0.000 | adj.p.val. = 0.139 | adj.p.val. = 0.076 |
| Yes | 0.66\*\*\* (0.03) | 0.07\*\* (0.04) | 0.15\*\* (0.07) | 0.25\*\*\* (0.02) | 0.05 (0.03) | 0.10 (0.07) |
| [0.60, 0.73] | [-0.01, 0.16] | [-0.01, 0.31] | [0.19, 0.31] | [-0.03, 0.13] | [-0.05, 0.25] |
| adj.p.val. = 0.000 | adj.p.val. = 0.093 | adj.p.val. = 0.060 | adj.p.val. = 0.000 | adj.p.val. = 0.288 | adj.p.val. = 0.220 |
| *Num.Obs.* |  | 2906 | 2906 | 1946 | 2906 | 2906 | 1946 |
| *R2* | 0.561 | 0.302 | 0.331 | 0.261 | 0.179 | 0.176 |
| *R2 Adj.* | 0.472 | 0.161 | 0.196 | 0.112 | 0.013 | 0.010 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 293 |  |  | 293 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

##### 4.2.4.1.5 Interaction SES Descriptive Norms

Table 4.14: Average effects on application and access to early childcare by level of education and descriptive social norms

|  | ***DescriptiveNorms*** | ***SES*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | No | High | 0.64\*\*\* (0.07) | 0.06 (0.06) | 0.12 (0.11) | 0.45\*\*\* (0.07) | 0.08 (0.06) | 0.16 (0.11) |
|  | [0.48, 0.80] | [-0.07, 0.20] | [-0.13, 0.37] | [0.30, 0.59] | [-0.05, 0.21] | [-0.08, 0.39] |
| adj.p.val. = 0.000 | adj.p.val. = 0.500 | adj.p.val. = 0.492 | adj.p.val. = 0.000 | adj.p.val. = 0.154 | adj.p.val. = 0.136 |
| Low | 0.49\*\*\* (0.07) | 0.16\*\*\* (0.06) | 0.28\*\*\* (0.10) | 0.21\*\*\* (0.05) | 0.11\* (0.06) | 0.20\* (0.11) |
| [0.35, 0.64] | [0.03, 0.28] | [0.05, 0.51] | [0.10, 0.33] | [-0.02, 0.24] | [-0.04, 0.44] |
| adj.p.val. = 0.000 | adj.p.val. = 0.013 | adj.p.val. = 0.015 | adj.p.val. = 0.000 | adj.p.val. = 0.115 | adj.p.val. = 0.122 |
| Yes | High | 0.91\*\*\* (0.02) | 0.00 (0.02) | 0.01 (0.04) | 0.78\*\*\* (0.03) | -0.01 (0.03) | -0.01 (0.07) |
| [0.86, 0.96] | [-0.04, 0.05] | [-0.09, 0.11] | [0.71, 0.85] | [-0.08, 0.07] | [-0.16, 0.14] |
| adj.p.val. = 0.000 | adj.p.val. = 0.860 | adj.p.val. = 0.860 | adj.p.val. = 0.000 | adj.p.val. = 0.980 | adj.p.val. = 0.980 |
| Low | 0.71\*\*\* (0.06) | 0.04 (0.07) | 0.08 (0.13) | 0.52\*\*\* (0.05) | -0.03 (0.07) | -0.06 (0.14) |
| [0.58, 0.84] | [-0.11, 0.19] | [-0.21, 0.38] | [0.40, 0.64] | [-0.18, 0.12] | [-0.36, 0.25] |
| adj.p.val. = 0.000 | adj.p.val. = 0.554 | adj.p.val. = 0.547 | adj.p.val. = 0.000 | adj.p.val. = 0.891 | adj.p.val. = 0.890 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.748 | 0.474 | 0.487 | 0.610 | 0.402 | 0.407 |
| *R2 Adj.* | 0.697 | 0.367 | 0.383 | 0.531 | 0.280 | 0.286 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 147 |  |  | 147 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference using themethod.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | | |

#### 4.2.4.2 Prescriptive norms

#### 4.2.4.3 Effects of the Information-only treatment on early childcare application and access

##### 4.2.4.3.1 Effects of the Information + Support treatment on early childcare application and access

Table 4.15: Average effects on application and access to early childcare by whether the household expect friends and relatives to look at them askance if they use early childcare

|  | ***Group*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | 0.72\*\*\* (0.05) | 0.05 (0.04) | 0.11 (0.08) | 0.53\*\*\* (0.05) | 0.02 (0.06) | 0.04 (0.11) |
|  | [0.61, 0.82] | [-0.04, 0.15] | [-0.08, 0.29] | [0.42, 0.64] | [-0.11, 0.15] | [-0.20, 0.27] |
| adj.p.val. = 0.000 | adj.p.val. = 0.333 | adj.p.val. = 0.200 | adj.p.val. = 0.000 | adj.p.val. = 0.746 | adj.p.val. = 0.746 |
| No | 0.78\*\*\* (0.04) | 0.05\* (0.03) | 0.10\* (0.05) | 0.61\*\*\* (0.05) | 0.03 (0.03) | 0.05 (0.06) |
| [0.70, 0.87] | [-0.02, 0.12] | [-0.03, 0.22] | [0.50, 0.71] | [-0.05, 0.11] | [-0.09, 0.19] |
| adj.p.val. = 0.000 | adj.p.val. = 0.194 | adj.p.val. = 0.145 | adj.p.val. = 0.000 | adj.p.val. = 0.685 | adj.p.val. = 0.605 |
| *Num.Obs.* |  | 2906 | 2906 | 1946 | 2906 | 2906 | 1946 |
| *R2* | 0.718 | 0.432 | 0.446 | 0.553 | 0.383 | 0.386 |
| *R2 Adj.* | 0.661 | 0.316 | 0.334 | 0.462 | 0.257 | 0.261 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 297 |  |  | 297 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method.  Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | |

##### 4.2.4.3.2 Effects of the Information-only treatment on daycare application and access

Table 4.16: Average effects of the information only treatment on application and access to daycare by whether the household expect friends and relatives to look at them askance if they are using early childcare

|  | ***Group*** | ***Daycare application*** | | ***Daycare access*** | |
| --- | --- | --- | --- | --- | --- |
| Control mean | ITT | Control mean | ITT |
| *Information only vs Control* | Yes | 0.57\*\*\* (0.05) | -0.04 (0.05) | 0.20\*\*\* (0.03) | -0.01 (0.04) |
|  | [0.46, 0.68] | [-0.15, 0.08] | [0.13, 0.27] | [-0.10, 0.08] |
| adj.p.val. = 0.000 | adj.p.val. = 0.469 | adj.p.val. = 0.000 | adj.p.val. = 0.839 |
| No | 0.63\*\*\* (0.03) | 0.05 (0.04) | 0.23\*\*\* (0.02) | -0.01 (0.03) |
| [0.55, 0.71] | [-0.05, 0.16] | [0.18, 0.28] | [-0.08, 0.06] |
| adj.p.val. = 0.000 | adj.p.val. = 0.361 | adj.p.val. = 0.000 | adj.p.val. = 0.695 |
| *Num.Obs.* |  | 2906 | 2906 | 2906 | 2906 |
| *R2* | 0.553 | 0.293 | 0.246 | 0.185 |
| *R2 Adj.* | 0.462 | 0.149 | 0.092 | 0.019 |
| *Fixed effects* | X | X | X | X |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | |

##### 4.2.4.3.3 Effects of the Information + Support treatment on daycare application and access

Table 4.17: Average effects of the information only treatment on application and access to daycare by whether the household expect friends and relatives to look at them askance if they are using early childcare

|  | ***Group*** | ***Daycare application*** | | | ***Daycare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | 0.59\*\*\* (0.05) | 0.07 (0.05) | 0.13 (0.09) | 0.23\*\*\* (0.03) | 0.02 (0.04) | 0.04 (0.08) |
|  | [0.48, 0.71] | [-0.04, 0.18] | [-0.07, 0.34] | [0.15, 0.30] | [-0.07, 0.12] | [-0.13, 0.22] |
| adj.p.val. = 0.000 | adj.p.val. = 0.261 | adj.p.val. = 0.145 | adj.p.val. = 0.000 | adj.p.val. = 0.839 | adj.p.val. = 0.608 |
| No | 0.60\*\*\* (0.04) | 0.10\*\*\* (0.04) | 0.19\*\*\* (0.07) | 0.22\*\*\* (0.02) | 0.08\*\* (0.03) | 0.14\*\* (0.06) |
| [0.52, 0.68] | [0.01, 0.19] | [0.03, 0.34] | [0.16, 0.27] | [0.00, 0.15] | [0.01, 0.27] |
| adj.p.val. = 0.000 | adj.p.val. = 0.022 | adj.p.val. = 0.014 | adj.p.val. = 0.000 | adj.p.val. = 0.030 | adj.p.val. = 0.020 |
| *Num.Obs.* |  | 2906 | 2906 | 1946 | 2906 | 2906 | 1946 |
| *R2* | 0.553 | 0.293 | 0.314 | 0.246 | 0.185 | 0.186 |
| *R2 Adj.* | 0.462 | 0.149 | 0.175 | 0.092 | 0.019 | 0.020 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 297 |  |  | 297 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block level. Adjusted p-value and confidence intervals account for simultaneous inference.  Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | |

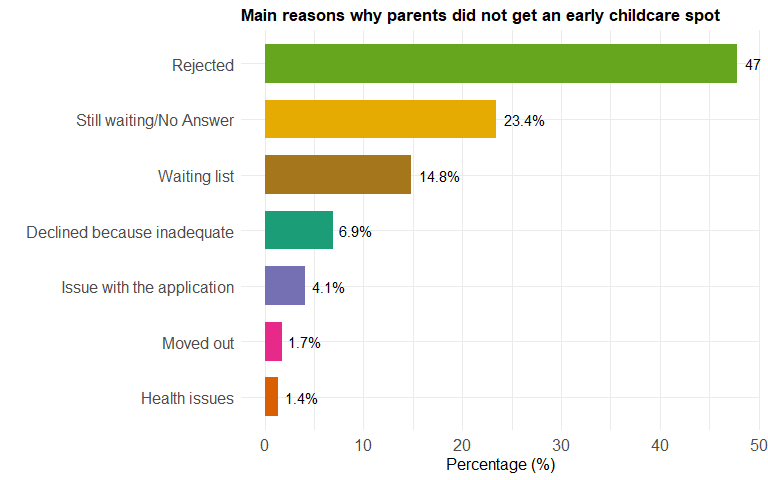
##### 4.2.4.3.4 Interaction SES Prescriptive Norms

Table 4.18: Average effects on application and access to early childcare by level of education and perceived prescriptive norms

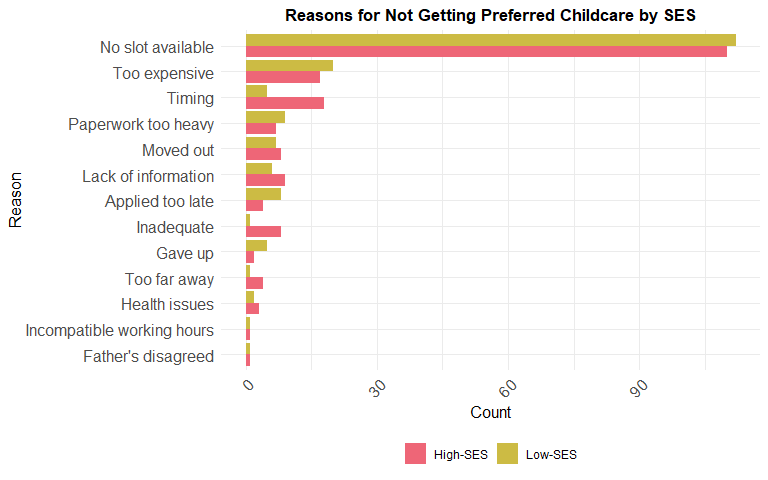
|  | ***Norms*** | ***SES*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | Yes | High | 0.78\*\*\* (0.05) | 0.04 (0.05) | 0.07 (0.09) | 0.61\*\*\* (0.06) | 0.02 (0.07) | 0.04 (0.14) |
|  | [0.67, 0.89] | [-0.07, 0.14] | [-0.14, 0.27] | [0.48, 0.73] | [-0.13, 0.18] | [-0.26, 0.34] |
| adj.p.val. = 0.000 | adj.p.val. = 0.652 | adj.p.val. = 0.635 | adj.p.val. = 0.000 | adj.p.val. = 0.753 | adj.p.val. = 0.752 |
| Low | 0.60\*\*\* (0.08) | 0.09 (0.08) | 0.17 (0.16) | 0.39\*\*\* (0.07) | 0.01 (0.09) | 0.02 (0.18) |
| [0.43, 0.77] | [-0.09, 0.27] | [-0.18, 0.53] | [0.23, 0.55] | [-0.19, 0.21] | [-0.38, 0.42] |
| adj.p.val. = 0.000 | adj.p.val. = 0.284 | adj.p.val. = 0.279 | adj.p.val. = 0.000 | adj.p.val. = 0.908 | adj.p.val. = 0.909 |
| No | High | 0.89\*\*\* (0.03) | 0.02 (0.03) | 0.04 (0.07) | 0.76\*\*\* (0.04) | 0.00 (0.04) | -0.01 (0.08) |
| [0.82, 0.96] | [-0.06, 0.10] | [-0.11, 0.19] | [0.67, 0.85] | [-0.09, 0.08] | [-0.18, 0.16] |
| adj.p.val. = 0.000 | adj.p.val. = 0.777 | adj.p.val. = 0.775 | adj.p.val. = 0.000 | adj.p.val. = 0.975 | adj.p.val. = 0.975 |
| Low | 0.57\*\*\* (0.06) | 0.11\*\* (0.06) | 0.19\*\* (0.09) | 0.31\*\*\* (0.05) | 0.09 (0.06) | 0.16 (0.10) |
| [0.43, 0.72] | [-0.01, 0.24] | [-0.01, 0.40] | [0.20, 0.43] | [-0.04, 0.22] | [-0.07, 0.38] |
| adj.p.val. = 0.000 | adj.p.val. = 0.083 | adj.p.val. = 0.074 | adj.p.val. = 0.000 | adj.p.val. = 0.206 | adj.p.val. = 0.211 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.728 | 0.439 | 0.448 | 0.577 | 0.387 | 0.388 |
| *R2 Adj.* | 0.671 | 0.323 | 0.334 | 0.489 | 0.260 | 0.262 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 154 |  |  | 154 |
| \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference using themethod.  Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | | |

## 4.3 Structural barriers

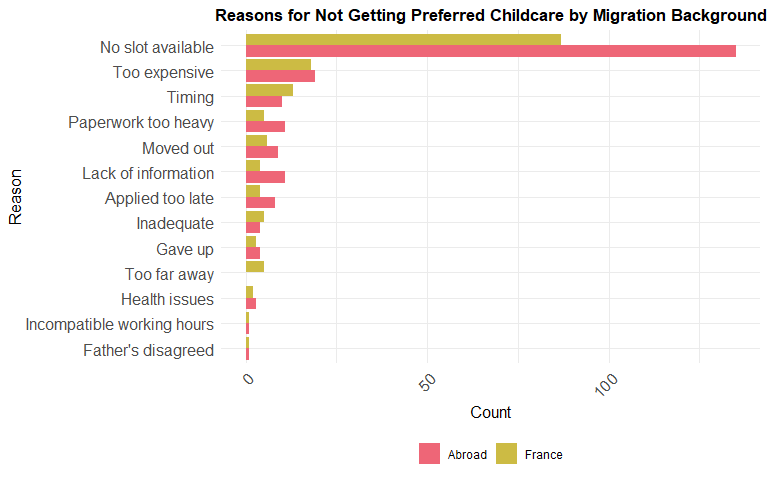
### 4.3.1 Reasons why households did not access any early childcare facility



### 4.3.2 Reasons why households did not use their preferred mode of childcare by SES



### 4.3.3 Reasons why people did not use their preferred mode of childcare by migration background



### 4.3.4 Average effects of the information + support treatment on early childcare and daycare application and access by district

The effectiveness of our interventions varies substantially according to the local context. On the one hand, all effects on applications for low-SES households are concentrated outside of Paris, which could be consistent with a ceiling effect. In Paris, where the supply of early childcare in general and daycare specifically are the highest in France, inequalities were found to be very low in our sample and thus we found no effects of our intervention on application. On the other hand, all effects on daycare access for high-SES households were concentrated in Paris

#### 4.3.4.1 Early childcare

Table 4.19: Average effects on application and access to early childcare by level of education and district of residence at baseline (75: Paris, 93: Seine-Saint-Denis, 94: Val de Marne)

|  | ***District*** | ***Education*** | ***Early childcare application*** | | | ***Early childcare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | 94 | High | 0.80\*\*\* (0.05) | 0.05 (0.03) | 0.11 (0.07) | 0.63\*\*\* (0.06) | 0.04 (0.07) | 0.07 (0.14) |
|  | [0.69, 0.91] | [-0.02, 0.13] | [-0.05, 0.28] | [0.49, 0.77] | [-0.11, 0.18] | [-0.23, 0.38] |
| adj.p.val. = 0.000 | adj.p.val. = 0.110 | adj.p.val. = 0.124 | adj.p.val. = 0.000 | adj.p.val. = 0.586 | adj.p.val. = 0.592 |
| Low | 0.54\*\*\* (0.08) | 0.13\* (0.07) | 0.30\* (0.16) | 0.27\*\*\* (0.06) | 0.09 (0.07) | 0.20 (0.16) |
| [0.36, 0.71] | [-0.03, 0.30] | [-0.06, 0.66] | [0.14, 0.40] | [-0.07, 0.25] | [-0.15, 0.56] |
| adj.p.val. = 0.000 | adj.p.val. = 0.120 | adj.p.val. = 0.125 | adj.p.val. = 0.000 | adj.p.val. = 0.204 | adj.p.val. = 0.206 |
| 75 | High | 0.88\*\*\* (0.03) | 0.02 (0.03) | 0.04 (0.06) | 0.78\*\*\* (0.05) | -0.02 (0.05) | -0.04 (0.10) |
| [0.81, 0.95] | [-0.06, 0.09] | [-0.10, 0.18] | [0.67, 0.88] | [-0.13, 0.09] | [-0.26, 0.18] |
| adj.p.val. = 0.000 | adj.p.val. = 0.780 | adj.p.val. = 0.772 | adj.p.val. = 0.000 | adj.p.val. = 0.796 | adj.p.val. = 0.793 |
| Low | 0.76\*\*\* (0.08) | 0.02 (0.07) | 0.03 (0.10) | 0.52\*\*\* (0.09) | 0.00 (0.09) | 0.00 (0.14) |
| [0.58, 0.95] | [-0.13, 0.17] | [-0.20, 0.26] | [0.33, 0.70] | [-0.19, 0.20] | [-0.29, 0.30] |
| adj.p.val. = 0.000 | adj.p.val. = 0.928 | adj.p.val. = 0.929 | adj.p.val. = 0.000 | adj.p.val. = 0.996 | adj.p.val. = 0.996 |
| 93 | High | 0.84\*\*\* (0.06) | -0.03 (0.05) | -0.05 (0.08) | 0.68\*\*\* (0.07) | 0.01 (0.06) | 0.01 (0.10) |
| [0.71, 0.97] | [-0.14, 0.08] | [-0.24, 0.13] | [0.53, 0.82] | [-0.13, 0.14] | [-0.21, 0.23] |
| adj.p.val. = 0.000 | adj.p.val. = 0.538 | adj.p.val. = 0.537 | adj.p.val. = 0.000 | adj.p.val. = 0.929 | adj.p.val. = 0.929 |
| Low | 0.44\*\*\* (0.09) | 0.21\* (0.12) | 0.37\* (0.21) | 0.24\*\*\* (0.09) | 0.03 (0.13) | 0.05 (0.23) |
| [0.23, 0.65] | [-0.05, 0.47] | [-0.10, 0.84] | [0.04, 0.44] | [-0.25, 0.31] | [-0.45, 0.55] |
| adj.p.val. = 0.000 | adj.p.val. = 0.142 | adj.p.val. = 0.153 | adj.p.val. = 0.008 | adj.p.val. = 0.825 | adj.p.val. = 0.829 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.743 | 0.469 | 0.474 | 0.617 | 0.430 | 0.415 |
| *R2 Adj.* | 0.671 | 0.320 | 0.327 | 0.510 | 0.271 | 0.252 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 106 |  |  | 106 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method.  Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | | |

#### 4.3.4.2 Daycare

Table 4.20: Average effects on application and access to daycare by level of education and district of residence at baseline (75: Paris, 93: Seine-Saint-Denis, 94: Val de Marne)

|  | ***District*** | ***Education*** | ***Daycare application*** | | | ***Daycare access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | 94 | High | 0.58\*\*\* (0.05) | 0.09\* (0.05) | 0.18\* (0.11) | 0.15\*\*\* (0.03) | 0.03 (0.05) | 0.07 (0.11) |
|  | [0.46, 0.70] | [-0.03, 0.20] | [-0.06, 0.42] | [0.08, 0.22] | [-0.08, 0.15] | [-0.18, 0.32] |
| adj.p.val. = 0.000 | adj.p.val. = 0.170 | adj.p.val. = 0.174 | adj.p.val. = 0.000 | adj.p.val. = 0.638 | adj.p.val. = 0.633 |
| Low | 0.34\*\*\* (0.07) | 0.21\*\* (0.09) | 0.47\*\* (0.22) | 0.07\*\* (0.03) | 0.06 (0.05) | 0.13 (0.12) |
| [0.18, 0.49] | [0.01, 0.41] | [0.00, 0.95] | [0.00, 0.13] | [-0.06, 0.17] | [-0.14, 0.39] |
| adj.p.val. = 0.000 | adj.p.val. = 0.036 | adj.p.val. = 0.051 | adj.p.val. = 0.052 | adj.p.val. = 0.324 | adj.p.val. = 0.327 |
| 75 | High | 0.72\*\*\* (0.04) | 0.13\*\* (0.06) | 0.26\*\* (0.10) | 0.34\*\*\* (0.04) | 0.12\*\* (0.05) | 0.23\*\* (0.10) |
| [0.63, 0.82] | [0.02, 0.25] | [0.05, 0.48] | [0.25, 0.43] | [0.00, 0.24] | [0.00, 0.46] |
| adj.p.val. = 0.000 | adj.p.val. = 0.025 | adj.p.val. = 0.015 | adj.p.val. = 0.000 | adj.p.val. = 0.058 | adj.p.val. = 0.052 |
| Low | 0.66\*\*\* (0.08) | -0.01 (0.09) | -0.02 (0.13) | 0.40\*\*\* (0.08) | -0.06 (0.09) | -0.09 (0.13) |
| [0.48, 0.84] | [-0.21, 0.18] | [-0.31, 0.27] | [0.22, 0.57] | [-0.25, 0.14] | [-0.37, 0.20] |
| adj.p.val. = 0.000 | adj.p.val. = 0.870 | adj.p.val. = 0.881 | adj.p.val. = 0.000 | adj.p.val. = 0.520 | adj.p.val. = 0.509 |
| 93 | High | 0.65\*\*\* (0.07) | 0.04 (0.08) | 0.07 (0.13) | 0.16\*\*\* (0.06) | 0.12 (0.09) | 0.20 (0.16) |
| [0.50, 0.80] | [-0.13, 0.21] | [-0.22, 0.35] | [0.03, 0.29] | [-0.09, 0.32] | [-0.15, 0.54] |
| adj.p.val. = 0.000 | adj.p.val. = 0.604 | adj.p.val. = 0.602 | adj.p.val. = 0.008 | adj.p.val. = 0.221 | adj.p.val. = 0.211 |
| Low | 0.28\*\*\* (0.07) | 0.22\* (0.12) | 0.39\* (0.20) | 0.09\* (0.05) | 0.03 (0.09) | 0.05 (0.15) |
| [0.11, 0.45] | [-0.04, 0.48] | [-0.06, 0.84] | [-0.02, 0.19] | [-0.16, 0.22] | [-0.29, 0.39] |
| adj.p.val. = 0.000 | adj.p.val. = 0.106 | adj.p.val. = 0.105 | adj.p.val. = 0.091 | adj.p.val. = 0.928 | adj.p.val. = 0.931 |
| *Num.Obs.* |  |  | 1946 | 1946 | 1946 | 1946 | 1946 | 1946 |
| *R2* | 0.595 | 0.351 | 0.366 | 0.336 | 0.266 | 0.257 |
| *R2 Adj.* | 0.482 | 0.170 | 0.189 | 0.151 | 0.061 | 0.050 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 106 |  |  | 106 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Adjusted standard errors robust to cluster-heteroskedasticity at the block level. Adjusted p-values and confidence intervals account for simultaneous inference using the Westfall method.  Joint significance test of null effect using Chi-2 test and p-values are reported at the bottom of the table. | | | | | | | | |

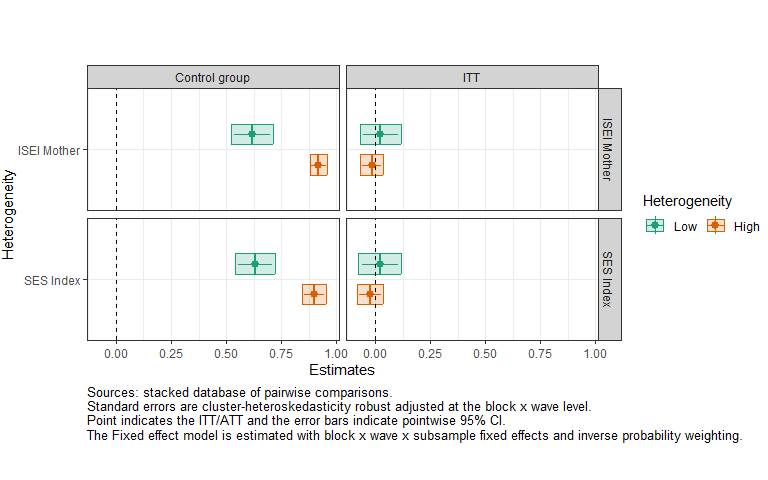
# 5 Part 5: Robustness checks

## 5.1 Sensitivity analysis of the main results: SES measurment

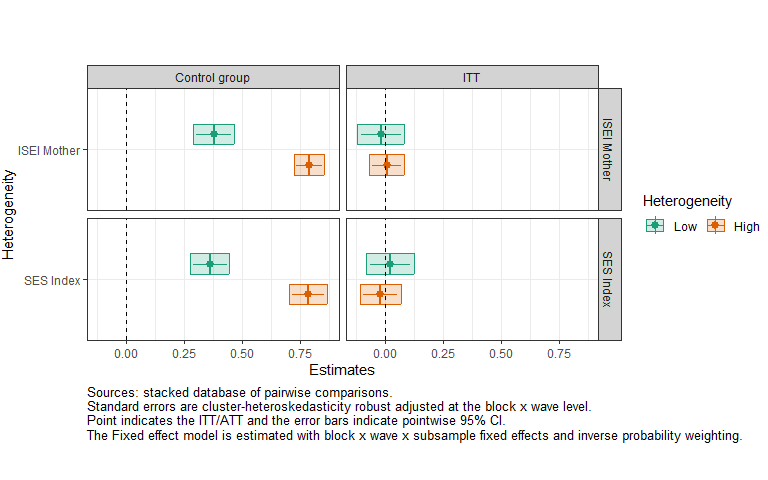
To ensure the robustness of the findings, we tested alternative definitions of socioeconomic status. Specifically, we considered mother’s occupation using the International Socio-Economic Index of Occupational Status (ISEI) and a composite SES score that accounts for the highest occupation score and the highest education level in the household. As depicted below, the patterns of results remain constant with these definitions of SES.

### 5.1.1 Information-only treatment

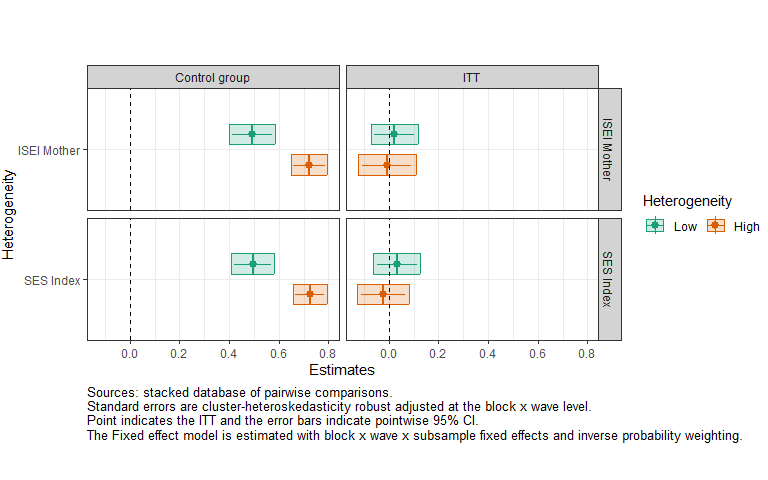
#### 5.1.1.1 Heterogeneous effects of the information-only treatment on early childcare applications



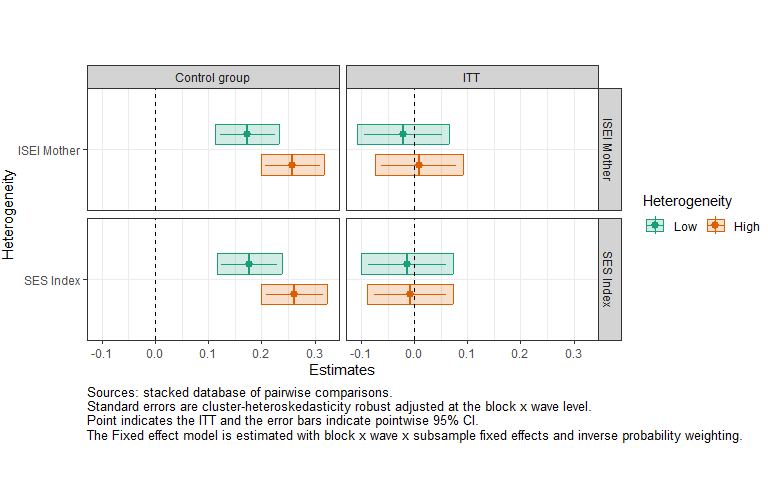
#### 5.1.1.2 Heterogeneous effects of the information-only treatment on early childcare access



#### 5.1.1.3 Heterogeneous effects of the information-only treatment on daycare applications



#### 5.1.1.4 Heterogeneous effects of the information-only treatment on daycare access



#### 5.1.1.5 Table: Heterogeneous effects of the information-only treatment on early childcare and daycare applications and access by SES as measured by the occupation status of the mother (ISEI)

Table 5.1: Average effects on daycare application and access by ISEI Mother

|  | ***Group*** | ***Application*** | | | | ***Access*** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Early childcare* | | *Daycare* | | *Early childcare* | | *Daycare* | |
| Control mean | ITT | Control mean | ITT | Control mean | ITT | Control mean | ITT |
| *Information-only vs Control* | High | 0.92\*\*\* (0.02) | -0.02 (0.02) | 0.72\*\*\* (0.03) | -0.01 (0.05) | 0.26\*\*\* (0.03) | 0.01 (0.04) | 0.26\*\*\* (0.03) | 0.01 (0.04) |
|  | [0.88, 0.96] | [-0.07, 0.03] | [0.65, 0.79] | [-0.12, 0.11] | [0.20, 0.32] | [-0.07, 0.09] | [0.20, 0.32] | [-0.07, 0.09] |
| adj.p.val. = 0.000 | adj.p.val. = 0.698 | adj.p.val. = 0.000 | adj.p.val. = 0.870 | adj.p.val. = 0.000 | adj.p.val. = 0.797 | adj.p.val. = 0.000 | adj.p.val. = 0.797 |
| Low | 0.62\*\*\* (0.04) | 0.02 (0.04) | 0.49\*\*\* (0.04) | 0.02 (0.04) | 0.17\*\*\* (0.03) | -0.02 (0.04) | 0.17\*\*\* (0.03) | -0.02 (0.04) |
| [0.52, 0.71] | [-0.07, 0.12] | [0.40, 0.59] | [-0.07, 0.12] | [0.11, 0.23] | [-0.11, 0.06] | [0.11, 0.23] | [-0.11, 0.06] |
| adj.p.val. = 0.000 | adj.p.val. = 0.535 | adj.p.val. = 0.000 | adj.p.val. = 0.592 | adj.p.val. = 0.000 | adj.p.val. = 0.566 | adj.p.val. = 0.000 | adj.p.val. = 0.566 |
| *Num.Obs.* |  | 2854 | 2854 | 2854 | 2854 | 2854 | 2854 | 2854 | 2854 |
| *R2* | 0.732 | 0.432 | 0.558 | 0.294 | 0.259 | 0.173 | 0.259 | 0.173 |
| *R2 Adj.* | 0.682 | 0.325 | 0.474 | 0.161 | 0.119 | 0.017 | 0.119 | 0.017 |
| *Fixed effects* | X | X | X | X | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference. Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | | | |

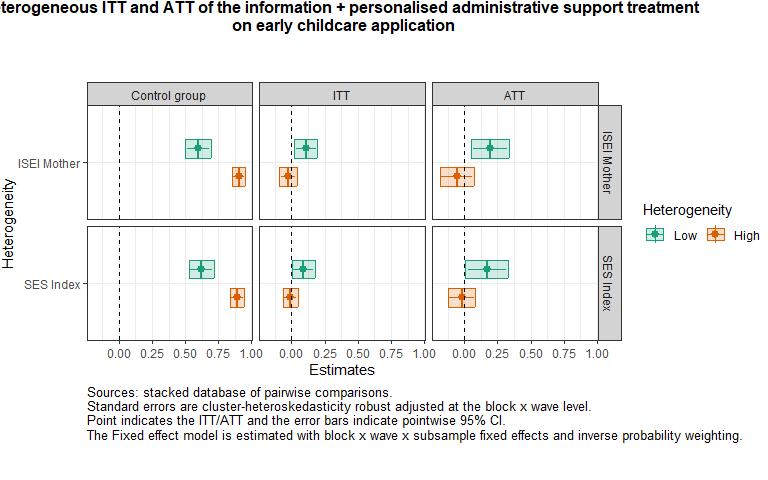
#### 5.1.1.6 Table: Heterogeneous effects of the information-only treatment on early childcare and daycare applications and access by SES as measured by the composite index of SES

Table 5.2: Average effects on daycare application and access by SES Index

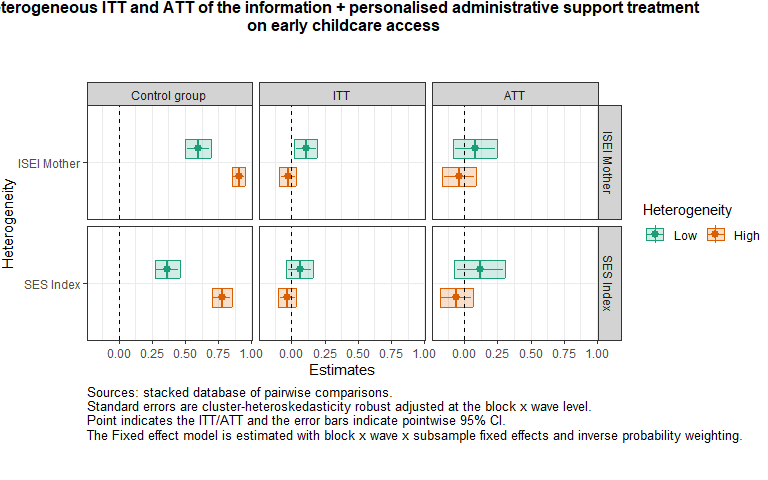
|  | ***Group*** | ***Application*** | | | | ***Access*** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Early childcare* | | *Daycare* | | *Early childcare* | | *Daycare* | |
| Control mean | ITT | Control mean | ITT | Control mean | ITT | Control mean | ITT |
| *Information-only vs Control* | High | 0.90\*\*\* (0.02) | -0.02 (0.02) | 0.73\*\*\* (0.03) | -0.02 (0.04) | 0.78\*\*\* (0.03) | -0.02 (0.04) | 0.26\*\*\* (0.03) | -0.01 (0.03) |
|  | [0.84, 0.95] | [-0.08, 0.04] | [0.66, 0.79] | [-0.13, 0.08] | [0.70, 0.87] | [-0.11, 0.07] | [0.20, 0.32] | [-0.09, 0.07] |
| adj.p.val. = 0.000 | adj.p.val. = 0.688 | adj.p.val. = 0.000 | adj.p.val. = 0.602 | adj.p.val. = 0.000 | adj.p.val. = 0.787 | adj.p.val. = 0.000 | adj.p.val. = 0.820 |
| Low | 0.63\*\*\* (0.04) | 0.02 (0.04) | 0.50\*\*\* (0.04) | 0.03 (0.04) | 0.36\*\*\* (0.04) | 0.02 (0.04) | 0.18\*\*\* (0.03) | -0.01 (0.04) |
| [0.54, 0.72] | [-0.08, 0.12] | [0.41, 0.58] | [-0.06, 0.13] | [0.28, 0.44] | [-0.08, 0.12] | [0.12, 0.24] | [-0.10, 0.07] |
| adj.p.val. = 0.000 | adj.p.val. = 0.606 | adj.p.val. = 0.000 | adj.p.val. = 0.429 | adj.p.val. = 0.000 | adj.p.val. = 0.628 | adj.p.val. = 0.000 | adj.p.val. = 0.710 |
| *Num.Obs.* |  | 2904 | 2904 | 2904 | 2904 | 2904 | 2904 | 2904 | 2904 |
| *R2* | 0.735 | 0.429 | 0.559 | 0.289 | 0.611 | 0.391 | 0.263 | 0.174 |
| *R2 Adj.* | 0.688 | 0.328 | 0.480 | 0.163 | 0.542 | 0.283 | 0.132 | 0.027 |
| *Fixed effects* | X | X | X | X | X | X | X | X |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference. Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | | | |

### 5.1.2 Information + support treatment

#### 5.1.2.1 Heterogeneous effects of the information + support treatment on early childcare applications



#### 5.1.2.2 Heterogeneous effects of the information + support treatment on early childcare access



#### 5.1.2.3 Table: heterogenous effects of the information + support treatment on early childcare applications and access using the occupation status of the mother (ISEI)

Table 5.3: Average effects on early childcare application and access by ISEI Mother

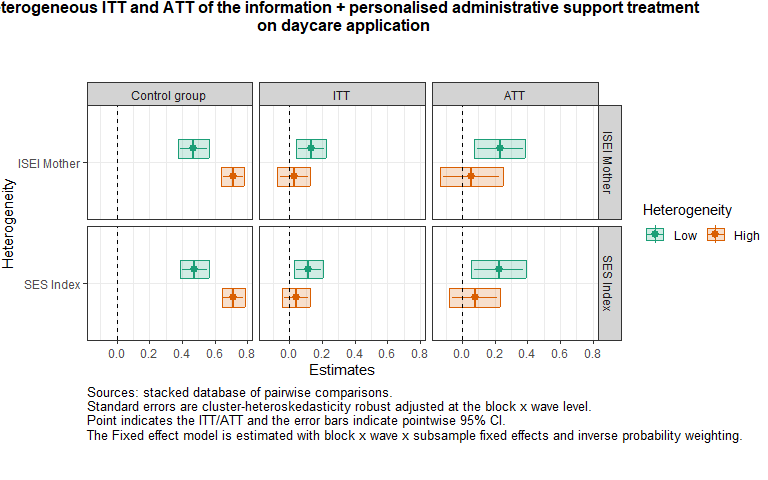
|  | ***Group*** | ***Application*** | | | ***Access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | High | 0.90\*\*\* (0.02) | -0.03 (0.03) | -0.06 (0.06) | 0.78\*\*\* (0.03) | -0.02 (0.03) | -0.04 (0.06) |
|  | [0.86, 0.95] | [-0.09, 0.04] | [-0.18, 0.07] | [0.71, 0.85] | [-0.08, 0.05] | [-0.17, 0.09] |
| adj.p.val. = 0.000 | adj.p.val. = 0.617 | adj.p.val. = 0.523 | adj.p.val. = 0.000 | adj.p.val. = 0.796 | adj.p.val. = 0.719 |
| Low | 0.60\*\*\* (0.04) | 0.11\*\*\* (0.04) | 0.19\*\*\* (0.06) | 0.36\*\*\* (0.04) | 0.05 (0.04) | 0.08 (0.08) |
| [0.50, 0.69] | [0.02, 0.20] | [0.05, 0.34] | [0.28, 0.45] | [-0.05, 0.15] | [-0.09, 0.25] |
| adj.p.val. = 0.000 | adj.p.val. = 0.008 | adj.p.val. = 0.006 | adj.p.val. = 0.000 | adj.p.val. = 0.448 | adj.p.val. = 0.275 |
| *Num.Obs.* |  | 2854 | 2854 | 1914 | 2854 | 2854 | 1914 |
| *R2* | 0.732 | 0.432 | 0.438 | 0.606 | 0.408 | 0.401 |
| *R2 Adj.* | 0.682 | 0.325 | 0.332 | 0.532 | 0.296 | 0.288 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 296 |  |  | 296 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference. Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

#### 5.1.2.4 Table: heterogenous effects of the information + support treatment on early childcare applications and access using the composite index of SES

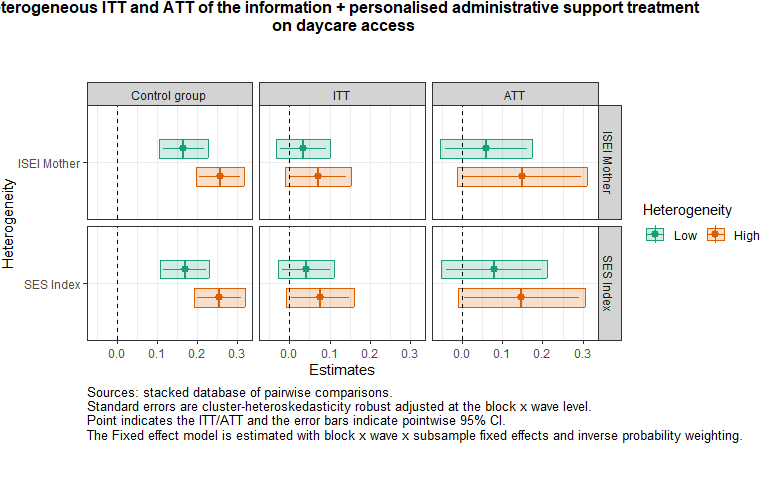
Table 5.4: Average effects on early childcare application and access by SES Index

|  | ***Group*** | ***Application*** | | | ***Access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | High | 0.89\*\*\* (0.02) | -0.01 (0.02) | -0.02 (0.05) | 0.78\*\*\* (0.03) | -0.03 (0.03) | -0.06 (0.06) |
|  | [0.84, 0.95] | [-0.07, 0.05] | [-0.12, 0.09] | [0.70, 0.85] | [-0.10, 0.04] | [-0.18, 0.07] |
| adj.p.val. = 0.000 | adj.p.val. = 0.891 | adj.p.val. = 0.892 | adj.p.val. = 0.000 | adj.p.val. = 0.561 | adj.p.val. = 0.482 |
| Low | 0.62\*\*\* (0.04) | 0.09\*\* (0.04) | 0.17\*\* (0.07) | 0.37\*\*\* (0.04) | 0.06 (0.04) | 0.12 (0.09) |
| [0.53, 0.72] | [0.00, 0.17] | [0.01, 0.33] | [0.27, 0.46] | [-0.04, 0.16] | [-0.07, 0.31] |
| adj.p.val. = 0.000 | adj.p.val. = 0.046 | adj.p.val. = 0.036 | adj.p.val. = 0.000 | adj.p.val. = 0.359 | adj.p.val. = 0.299 |
| *Num.Obs.* |  | 2904 | 2904 | 1944 | 2904 | 2904 | 1944 |
| *R2* | 0.735 | 0.429 | 0.435 | 0.611 | 0.391 | 0.377 |
| *R2 Adj.* | 0.688 | 0.328 | 0.335 | 0.542 | 0.283 | 0.267 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 288 |  |  | 288 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference. Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

#### 5.1.2.5 Heterogeneous effects of the information + support treatment on daycare applications



#### 5.1.2.6 Heterogeneous effects of the information + support treatment on daycare access



#### 5.1.2.7 Table: heterogenous effects of the information + support treatment on daycare applications and access using the occupation status of the mother (ISEI)

Table 5.5: Average effects on daycare application and access by ISEI Mother

|  | ***Group*** | ***Application*** | | | ***Access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | High | 0.71\*\*\* (0.03) | 0.03 (0.04) | 0.06 (0.09) | 0.26\*\*\* (0.03) | 0.07\*\* (0.04) | 0.15\*\* (0.07) |
|  | [0.64, 0.78] | [-0.07, 0.13] | [-0.14, 0.25] | [0.20, 0.32] | [-0.01, 0.15] | [-0.01, 0.31] |
| adj.p.val. = 0.000 | adj.p.val. = 0.754 | adj.p.val. = 0.578 | adj.p.val. = 0.000 | adj.p.val. = 0.101 | adj.p.val. = 0.077 |
| Low | 0.47\*\*\* (0.04) | 0.13\*\*\* (0.04) | 0.23\*\*\* (0.07) | 0.17\*\*\* (0.03) | 0.03 (0.03) | 0.06 (0.05) |
| [0.37, 0.56] | [0.04, 0.22] | [0.08, 0.39] | [0.11, 0.23] | [-0.03, 0.10] | [-0.06, 0.17] |
| adj.p.val. = 0.000 | adj.p.val. = 0.002 | adj.p.val. = 0.002 | adj.p.val. = 0.000 | adj.p.val. = 0.393 | adj.p.val. = 0.249 |
| *Num.Obs.* |  | 2854 | 2854 | 1914 | 2854 | 2854 | 1914 |
| *R2* | 0.558 | 0.294 | 0.310 | 0.259 | 0.173 | 0.172 |
| *R2 Adj.* | 0.474 | 0.161 | 0.180 | 0.119 | 0.017 | 0.016 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 296 |  |  | 296 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference. Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

#### 5.1.2.8 Table: heterogenous effects of the information + support treatment on daycare applications and access using the composite index of SES

Table 5.6: Average effects on daycare application and access by SES Index

|  | ***Group*** | ***Application*** | | | ***Access*** | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Daycare | | | | | |
| Control mean | ITT | ATT | Control mean | ITT | ATT |
| *Information + Support vs Control* | High | 0.71\*\*\* (0.03) | 0.04 (0.04) | 0.08 (0.07) | 0.26\*\*\* (0.03) | 0.08\*\* (0.04) | 0.15\*\* (0.07) |
|  | [0.64, 0.78] | [-0.05, 0.13] | [-0.08, 0.23] | [0.19, 0.32] | [-0.01, 0.16] | [-0.01, 0.30] |
| adj.p.val. = 0.000 | adj.p.val. = 0.455 | adj.p.val. = 0.375 | adj.p.val. = 0.000 | adj.p.val. = 0.092 | adj.p.val. = 0.069 |
| Low | 0.48\*\*\* (0.04) | 0.12\*\*\* (0.04) | 0.22\*\*\* (0.08) | 0.17\*\*\* (0.03) | 0.04 (0.03) | 0.08 (0.06) |
| [0.39, 0.56] | [0.03, 0.20] | [0.06, 0.39] | [0.11, 0.23] | [-0.03, 0.11] | [-0.05, 0.21] |
| adj.p.val. = 0.000 | adj.p.val. = 0.006 | adj.p.val. = 0.006 | adj.p.val. = 0.000 | adj.p.val. = 0.367 | adj.p.val. = 0.326 |
| *Num.Obs.* |  | 2904 | 2904 | 1944 | 2904 | 2904 | 1944 |
| *R2* | 0.559 | 0.289 | 0.306 | 0.263 | 0.174 | 0.169 |
| *R2 Adj.* | 0.480 | 0.163 | 0.184 | 0.132 | 0.027 | 0.023 |
| *Fixed effects* | X | X | X | X | X | X |
| *Mean F-stat 1st stage* |  |  | 288 |  |  | 288 |
| Sources: stacked database of pairwise comparisons.  \*= p<.1, \*\*= p<.05, \*\*\*= p<.01 based on point-wise p-value. Standard errors are cluster-heteroskedasticity robust adjusted at the block x wave level. Adjusted p-value and confidence intervals account for simultaneous inference. Joint significance test of null effect using Chi-2 test and p-value are reported at the bottom of the table. | | | | | | | |

## 5.2 Sensitivity analysis of the main results: models

### 5.2.1 Classical Ordinary-Least-Squares (OLS) models

We reproduce our results using classical OLS models instead of stacked regressions. The former are more common to analyse RCT results. However, they can introduce contamination bias in the estimates (Goldsmith-Pickham, 2024).

#### 5.2.1.1 Main effects

Table 5.7: Main outcomes with classical OLS

|  | *Early childcare* | | *Daycare* | |
| --- | --- | --- | --- | --- |
|  | Application | Access | Application | Access |
| *Information-only treatment* | 0.00 (0.02) | -0.02 (0.03) | 0.01 (0.03) | -0.01 (0.02) |
|  | [-0.05, 0.04] | [-0.07, 0.03] | [-0.05, 0.06] | [-0.06, 0.04] |
| *Information + support treatment* | 0.04\*\* (0.02) | 0.02 (0.03) | 0.08\*\*\* (0.02) | 0.05\*\* (0.02) |
|  | [0.00, 0.08] | [-0.03, 0.07] | [0.03, 0.13] | [0.01, 0.09] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.345 | 0.297 | 0.207 | 0.103 |
| *R2 Adj.* | 0.304 | 0.253 | 0.158 | 0.047 |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

#### 5.2.1.2 HTE

Table 5.8: HTE: Migration background (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.019 (0.035) | -0.008 (0.051) | 0.038 (0.040) | -0.003 (0.041) |
|  | [-0.051, 0.089] | [-0.110, 0.093] | [-0.041, 0.117] | [-0.085, 0.079] |
| *NoMigrationBackground* | 0.090\*\* (0.041) | 0.187\*\*\* (0.044) | 0.021 (0.045) | 0.038 (0.037) |
|  | [0.009, 0.172] | [0.099, 0.275] | [-0.067, 0.110] | [-0.037, 0.112] |
| *Information + support* | 0.095\*\* (0.036) | 0.075 (0.051) | 0.105\*\* (0.040) | 0.057 (0.038) |
|  | [0.023, 0.167] | [-0.026, 0.177] | [0.026, 0.185] | [-0.019, 0.133] |
| *Information-only treatment × NoMigrationBackground* | -0.038 (0.044) | -0.013 (0.058) | -0.051 (0.059) | -0.009 (0.060) |
|  | [-0.126, 0.050] | [-0.129, 0.103] | [-0.168, 0.066] | [-0.129, 0.111] |
| *NoMigrationBackground × Information + support* | -0.089\* (0.046) | -0.086 (0.060) | -0.044 (0.055) | -0.005 (0.050) |
|  | [-0.181, 0.003] | [-0.205, 0.034] | [-0.154, 0.066] | [-0.105, 0.095] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.349 | 0.319 | 0.208 | 0.104 |
| *R2 Adj.* | 0.307 | 0.275 | 0.156 | 0.046 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Level of knowledge (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.126 (0.094) | 0.029 (0.072) | 0.140 (0.100) | -0.014 (0.062) |
|  | [-0.060, 0.313] | [-0.115, 0.172] | [-0.058, 0.338] | [-0.136, 0.109] |
| *High\_knowledge* | 0.183\*\* (0.079) | 0.223\*\*\* (0.054) | 0.048 (0.080) | 0.031 (0.046) |
|  | [0.026, 0.341] | [0.115, 0.332] | [-0.111, 0.206] | [-0.060, 0.123] |
| *Information + support* | 0.285\*\*\* (0.089) | 0.243\*\*\* (0.070) | 0.175\* (0.098) | 0.137\*\* (0.065) |
|  | [0.107, 0.462] | [0.104, 0.382] | [-0.019, 0.369] | [0.008, 0.266] |
| *Information-only treatment × High\_knowledge* | -0.149 (0.097) | -0.059 (0.071) | -0.146 (0.107) | 0.004 (0.066) |
|  | [-0.343, 0.045] | [-0.200, 0.083] | [-0.359, 0.066] | [-0.126, 0.135] |
| *High\_knowledge × Information + support* | -0.273\*\*\* (0.090) | -0.254\*\*\* (0.075) | -0.106 (0.107) | -0.095 (0.070) |
|  | [-0.451, -0.094] | [-0.403, -0.104] | [-0.318, 0.107] | [-0.235, 0.045] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.352 | 0.306 | 0.209 | 0.104 |
| *R2 Adj.* | 0.310 | 0.261 | 0.158 | 0.046 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Temporal orientation (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | -0.045\* (0.025) | -0.077\*\* (0.032) | -0.023 (0.039) | -0.053\* (0.029) |
|  | [-0.096, 0.005] | [-0.141, -0.013] | [-0.101, 0.054] | [-0.111, 0.005] |
| *PresentOrientated* | -0.084\*\*\* (0.030) | -0.137\*\*\* (0.043) | -0.029 (0.045) | -0.072\* (0.040) |
|  | [-0.144, -0.024] | [-0.222, -0.052] | [-0.118, 0.060] | [-0.151, 0.007] |
| *Information + support* | 0.028 (0.024) | 0.002 (0.034) | 0.082\*\* (0.037) | 0.009 (0.031) |
|  | [-0.020, 0.077] | [-0.065, 0.069] | [0.007, 0.156] | [-0.054, 0.071] |
| *Information-only treatment × PresentOrientated* | 0.099\*\* (0.046) | 0.140\*\*\* (0.053) | 0.073 (0.062) | 0.104\*\* (0.044) |
|  | [0.008, 0.189] | [0.035, 0.244] | [-0.051, 0.197] | [0.016, 0.191] |
| *PresentOrientated × Information + support* | 0.039 (0.043) | 0.051 (0.062) | 0.001 (0.058) | 0.103 (0.062) |
|  | [-0.047, 0.124] | [-0.072, 0.173] | [-0.114, 0.116] | [-0.021, 0.227] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.348 | 0.305 | 0.208 | 0.106 |
| *R2 Adj.* | 0.306 | 0.260 | 0.157 | 0.048 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Past use (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.009 (0.026) | -0.013 (0.034) | 0.016 (0.029) | -0.032 (0.028) |
|  | [-0.044, 0.062] | [-0.081, 0.056] | [-0.042, 0.075] | [-0.088, 0.024] |
| *UsedECECYes* | -0.075 (0.091) | 0.073 (0.078) | -0.070 (0.080) | -0.049 (0.052) |
|  | [-0.256, 0.107] | [-0.082, 0.228] | [-0.230, 0.090] | [-0.152, 0.055] |
| *Information + support* | 0.083\*\*\* (0.027) | 0.055\* (0.030) | 0.111\*\*\* (0.030) | 0.043\* (0.026) |
|  | [0.028, 0.137] | [-0.004, 0.115] | [0.051, 0.171] | [-0.008, 0.094] |
| *Information-only treatment × UsedECECYes* | -0.034 (0.043) | -0.021 (0.056) | -0.019 (0.060) | 0.056 (0.049) |
|  | [-0.120, 0.052] | [-0.133, 0.091] | [-0.139, 0.100] | [-0.042, 0.154] |
| *UsedECECYes × Information + support* | -0.093\*\* (0.039) | -0.092\* (0.054) | -0.069 (0.047) | 0.024 (0.043) |
|  | [-0.169, -0.016] | [-0.199, 0.015] | [-0.163, 0.026] | [-0.062, 0.111] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.349 | 0.299 | 0.209 | 0.104 |
| *R2 Adj.* | 0.306 | 0.253 | 0.158 | 0.046 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Migration background (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.019 (0.035) | -0.008 (0.051) | 0.038 (0.040) | -0.003 (0.041) |
|  | [-0.051, 0.089] | [-0.110, 0.093] | [-0.041, 0.117] | [-0.085, 0.079] |
| *NoMigrationBackground* | 0.090\*\* (0.041) | 0.187\*\*\* (0.044) | 0.021 (0.045) | 0.038 (0.037) |
|  | [0.009, 0.172] | [0.099, 0.275] | [-0.067, 0.110] | [-0.037, 0.112] |
| *Information + support* | 0.095\*\* (0.036) | 0.075 (0.051) | 0.105\*\* (0.040) | 0.057 (0.038) |
|  | [0.023, 0.167] | [-0.026, 0.177] | [0.026, 0.185] | [-0.019, 0.133] |
| *Information-only treatment × NoMigrationBackground* | -0.038 (0.044) | -0.013 (0.058) | -0.051 (0.059) | -0.009 (0.060) |
|  | [-0.126, 0.050] | [-0.129, 0.103] | [-0.168, 0.066] | [-0.129, 0.111] |
| *NoMigrationBackground × Information + support* | -0.089\* (0.046) | -0.086 (0.060) | -0.044 (0.055) | -0.005 (0.050) |
|  | [-0.181, 0.003] | [-0.205, 0.034] | [-0.154, 0.066] | [-0.105, 0.095] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.349 | 0.319 | 0.208 | 0.104 |
| *R2 Adj.* | 0.307 | 0.275 | 0.156 | 0.046 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Level of knowledge (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.126 (0.094) | 0.029 (0.072) | 0.140 (0.100) | -0.014 (0.062) |
|  | [-0.060, 0.313] | [-0.115, 0.172] | [-0.058, 0.338] | [-0.136, 0.109] |
| *High\_knowledge* | 0.183\*\* (0.079) | 0.223\*\*\* (0.054) | 0.048 (0.080) | 0.031 (0.046) |
|  | [0.026, 0.341] | [0.115, 0.332] | [-0.111, 0.206] | [-0.060, 0.123] |
| *Information + support* | 0.285\*\*\* (0.089) | 0.243\*\*\* (0.070) | 0.175\* (0.098) | 0.137\*\* (0.065) |
|  | [0.107, 0.462] | [0.104, 0.382] | [-0.019, 0.369] | [0.008, 0.266] |
| *Information-only treatment × High\_knowledge* | -0.149 (0.097) | -0.059 (0.071) | -0.146 (0.107) | 0.004 (0.066) |
|  | [-0.343, 0.045] | [-0.200, 0.083] | [-0.359, 0.066] | [-0.126, 0.135] |
| *High\_knowledge × Information + support* | -0.273\*\*\* (0.090) | -0.254\*\*\* (0.075) | -0.106 (0.107) | -0.095 (0.070) |
|  | [-0.451, -0.094] | [-0.403, -0.104] | [-0.318, 0.107] | [-0.235, 0.045] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.352 | 0.306 | 0.209 | 0.104 |
| *R2 Adj.* | 0.310 | 0.261 | 0.158 | 0.046 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Temporal orientation (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | -0.045\* (0.025) | -0.077\*\* (0.032) | -0.023 (0.039) | -0.053\* (0.029) |
|  | [-0.096, 0.005] | [-0.141, -0.013] | [-0.101, 0.054] | [-0.111, 0.005] |
| *PresentOrientated* | -0.084\*\*\* (0.030) | -0.137\*\*\* (0.043) | -0.029 (0.045) | -0.072\* (0.040) |
|  | [-0.144, -0.024] | [-0.222, -0.052] | [-0.118, 0.060] | [-0.151, 0.007] |
| *Information + support* | 0.028 (0.024) | 0.002 (0.034) | 0.082\*\* (0.037) | 0.009 (0.031) |
|  | [-0.020, 0.077] | [-0.065, 0.069] | [0.007, 0.156] | [-0.054, 0.071] |
| *Information-only treatment × PresentOrientated* | 0.099\*\* (0.046) | 0.140\*\*\* (0.053) | 0.073 (0.062) | 0.104\*\* (0.044) |
|  | [0.008, 0.189] | [0.035, 0.244] | [-0.051, 0.197] | [0.016, 0.191] |
| *PresentOrientated × Information + support* | 0.039 (0.043) | 0.051 (0.062) | 0.001 (0.058) | 0.103 (0.062) |
|  | [-0.047, 0.124] | [-0.072, 0.173] | [-0.114, 0.116] | [-0.021, 0.227] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.348 | 0.305 | 0.208 | 0.106 |
| *R2 Adj.* | 0.306 | 0.260 | 0.157 | 0.048 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.8: HTE: Past use (OLS)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.009 (0.026) | -0.013 (0.034) | 0.016 (0.029) | -0.032 (0.028) |
|  | [-0.044, 0.062] | [-0.081, 0.056] | [-0.042, 0.075] | [-0.088, 0.024] |
| *UsedECECYes* | -0.075 (0.091) | 0.073 (0.078) | -0.070 (0.080) | -0.049 (0.052) |
|  | [-0.256, 0.107] | [-0.082, 0.228] | [-0.230, 0.090] | [-0.152, 0.055] |
| *Information + support* | 0.083\*\*\* (0.027) | 0.055\* (0.030) | 0.111\*\*\* (0.030) | 0.043\* (0.026) |
|  | [0.028, 0.137] | [-0.004, 0.115] | [0.051, 0.171] | [-0.008, 0.094] |
| *Information-only treatment × UsedECECYes* | -0.034 (0.043) | -0.021 (0.056) | -0.019 (0.060) | 0.056 (0.049) |
|  | [-0.120, 0.052] | [-0.133, 0.091] | [-0.139, 0.100] | [-0.042, 0.154] |
| *UsedECECYes × Information + support* | -0.093\*\* (0.039) | -0.092\* (0.054) | -0.069 (0.047) | 0.024 (0.043) |
|  | [-0.169, -0.016] | [-0.199, 0.015] | [-0.163, 0.026] | [-0.062, 0.111] |
| *Num.Obs.* | 1453 | 1453 | 1453 | 1453 |
| *R2* | 0.349 | 0.299 | 0.209 | 0.104 |
| *R2 Adj.* | 0.306 | 0.253 | 0.158 | 0.046 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

### 5.2.2 Logit models

We reproduce our results using logit models. Note that logit models remove fixed effects with homogeneous outcomes (only 0 or only 1) from the analysis, which reduces power.

#### 5.2.2.1 Main effects

Table 5.9: Replication of the outcomes with logit models

|  | *Early childcare* | | *Daycare* | |
| --- | --- | --- | --- | --- |
|  | Application | Access | Application | Access |
| *Information-only treatment* | 0.96 (0.16) | 0.89 (0.14) | 1.05 (0.15) | 0.94 (0.15) |
|  | [0.69, 1.34] | [0.66, 1.20] | [0.79, 1.38] | [0.69, 1.29] |
| *Information + support treatment* | 1.44\*\* (0.26) | 1.11 (0.17) | 1.55\*\*\* (0.21) | 1.38\*\* (0.18) |
|  | [1.01, 2.05] | [0.82, 1.50] | [1.19, 2.02] | [1.07, 1.78] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.267 | 0.194 | 0.151 | 0.058 |
| *R2 Adj.* | 0.168 | 0.116 | 0.065 | -0.029 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

#### 5.2.2.2 HTE

Table 5.10: HTE: SES-Occupation (Logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 1.193 (0.287) | 0.872 (0.191) | 1.148 (0.231) | 0.896 (0.262) |
|  | [0.744, 1.913] | [0.567, 1.340] | [0.774, 1.703] | [0.505, 1.589] |
| *HigherThanMeadianISEIMother* | 5.008\*\*\* (1.258) | 4.563\*\*\* (1.095) | 1.950\*\*\* (0.460) | 1.330 (0.290) |
|  | [3.061, 8.193] | [2.850, 7.303] | [1.228, 3.097] | [0.868, 2.040] |
| *Information + support* | 2.017\*\*\* (0.497) | 1.250 (0.276) | 1.911\*\*\* (0.373) | 1.260 (0.272) |
|  | [1.245, 3.269] | [0.810, 1.928] | [1.304, 2.800] | [0.826, 1.923] |
| *Information-only treatment × HigherThanMeadianISEIMother* | 0.597 (0.245) | 1.055 (0.345) | 0.803 (0.289) | 1.125 (0.395) |
|  | [0.266, 1.336] | [0.555, 2.002] | [0.397, 1.626] | [0.565, 2.238] |
| *HigherThanMeadianISEIMother × Information + support* | 0.385\*\* (0.175) | 0.708 (0.199) | 0.632 (0.207) | 1.127 (0.331) |
|  | [0.158, 0.938] | [0.409, 1.227] | [0.332, 1.201] | [0.634, 2.004] |
| *Num.Obs.* | 1358 | 1347 | 1413 | 1243 |
| *R2* | 0.290 | 0.233 | 0.157 | 0.060 |
| *R2 Adj.* | 0.184 | 0.151 | 0.066 | -0.031 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.10: HTE: SES composite index (Logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 1.140 (0.301) | 1.031 (0.232) | 1.255 (0.253) | 0.986 (0.275) |
|  | [0.680, 1.912] | [0.663, 1.603] | [0.846, 1.862] | [0.571, 1.703] |
| *HigherThanMeadianSESIndex* | 2.467\*\*\* (0.823) | 4.412\*\*\* (1.161) | 1.687\*\* (0.396) | 1.273 (0.300) |
|  | [1.282, 4.744] | [2.634, 7.391] | [1.065, 2.672] | [0.803, 2.019] |
| *Information + support* | 1.835\*\* (0.463) | 1.407 (0.320) | 1.785\*\*\* (0.339) | 1.297 (0.280) |
|  | [1.119, 3.009] | [0.901, 2.198] | [1.230, 2.589] | [0.849, 1.980] |
| *Information-only treatment × HigherThanMeadianSESIndex* | 0.711 (0.319) | 0.779 (0.281) | 0.705 (0.230) | 0.930 (0.308) |
|  | [0.295, 1.714] | [0.385, 1.578] | [0.372, 1.337] | [0.486, 1.779] |
| *HigherThanMeadianSESIndex × Information + support* | 0.549 (0.214) | 0.566\* (0.170) | 0.749 (0.215) | 1.100 (0.343) |
|  | [0.256, 1.177] | [0.314, 1.020] | [0.427, 1.314] | [0.598, 2.025] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.275 | 0.225 | 0.154 | 0.060 |
| *R2 Adj.* | 0.171 | 0.143 | 0.065 | -0.031 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.10: HTE : SES (logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 1.106 (0.297) | 1.046 (0.262) | 1.132 (0.242) | 0.800 (0.274) |
|  | [0.653, 1.874] | [0.641, 1.709] | [0.745, 1.721] | [0.409, 1.565] |
| *Information + support* | 1.781\*\* (0.476) | 1.260 (0.324) | 1.631\*\* (0.327) | 1.027 (0.235) |
|  | [1.055, 3.007] | [0.761, 2.085] | [1.101, 2.415] | [0.656, 1.607] |
| *Information-only treatment × High\_SES* | 0.759 (0.259) | 0.761 (0.241) | 0.880 (0.250) | 1.266 (0.487) |
|  | [0.389, 1.480] | [0.410, 1.415] | [0.504, 1.536] | [0.595, 2.691] |
| *High\_SES × Information + support* | 0.650 (0.237) | 0.806 (0.257) | 0.917 (0.249) | 1.530 (0.419) |
|  | [0.317, 1.330] | [0.431, 1.507] | [0.539, 1.561] | [0.894, 2.617] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.268 | 0.195 | 0.151 | 0.059 |
| *R2 Adj.* | 0.166 | 0.114 | 0.063 | -0.030 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.10: HTE: Migration background (Logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 1.146 (0.270) | 0.930 (0.253) | 1.218 (0.251) | 0.965 (0.299) |
|  | [0.722, 1.819] | [0.546, 1.585] | [0.814, 1.824] | [0.526, 1.773] |
| *NoMigrationBackground* | 1.987\*\* (0.626) | 2.864\*\*\* (0.714) | 1.113 (0.255) | 1.291 (0.330) |
|  | [1.072, 3.683] | [1.758, 4.668] | [0.711, 1.744] | [0.783, 2.130] |
| *Information + support* | 2.007\*\*\* (0.524) | 1.473 (0.415) | 1.762\*\*\* (0.379) | 1.468 (0.387) |
|  | [1.203, 3.348] | [0.849, 2.558] | [1.155, 2.687] | [0.876, 2.462] |
| *Information-only treatment × NoMigrationBackground* | 0.729 (0.250) | 0.917 (0.300) | 0.771 (0.232) | 0.961 (0.400) |
|  | [0.372, 1.427] | [0.483, 1.741] | [0.427, 1.390] | [0.425, 2.174] |
| *NoMigrationBackground × Information + support* | 0.532 (0.205) | 0.628 (0.218) | 0.792 (0.237) | 0.917 (0.300) |
|  | [0.250, 1.131] | [0.318, 1.242] | [0.441, 1.423] | [0.483, 1.740] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.273 | 0.218 | 0.152 | 0.060 |
| *R2 Adj.* | 0.169 | 0.136 | 0.062 | -0.031 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.10: HTE: Level of knowledge (Logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 2.067 (1.171) | 1.479 (0.786) | 2.195 (1.210) | 0.948 (0.689) |
|  | [0.680, 6.277] | [0.522, 4.193] | [0.745, 6.468] | [0.228, 3.938] |
| *High\_knowledge* | 3.022\*\* (1.416) | 4.572\*\*\* (1.939) | 1.307 (0.571) | 1.490 (0.823) |
|  | [1.206, 7.571] | [1.991, 10.500] | [0.555, 3.078] | [0.505, 4.396] |
| *Information + support* | 5.356\*\*\* (2.915) | 5.258\*\*\* (2.631) | 2.597\* (1.400) | 3.588\*\* (2.182) |
|  | [1.843, 15.564] | [1.972, 14.017] | [0.903, 7.468] | [1.089, 11.819] |
| *Information-only treatment × High\_knowledge* | 0.400 (0.242) | 0.570 (0.296) | 0.441 (0.258) | 0.996 (0.739) |
|  | [0.122, 1.308] | [0.206, 1.577] | [0.140, 1.391] | [0.233, 4.262] |
| *High\_knowledge × Information + support* | 0.209\*\*\* (0.117) | 0.179\*\*\* (0.094) | 0.561 (0.330) | 0.358 (0.224) |
|  | [0.070, 0.627] | [0.064, 0.500] | [0.177, 1.778] | [0.105, 1.222] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.274 | 0.205 | 0.153 | 0.061 |
| *R2 Adj.* | 0.171 | 0.123 | 0.064 | -0.031 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.10: HTE: Temporal orientation (Logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 0.659\* (0.149) | 0.634\*\* (0.120) | 0.887 (0.177) | 0.723\* (0.132) |
|  | [0.423, 1.028] | [0.437, 0.919] | [0.599, 1.313] | [0.505, 1.034] |
| *PresentOrientated* | 0.527\*\*\* (0.122) | 0.459\*\*\* (0.111) | 0.866 (0.199) | 0.599\* (0.170) |
|  | [0.334, 0.830] | [0.285, 0.738] | [0.552, 1.358] | [0.344, 1.046] |
| *Information + support* | 1.337 (0.343) | 1.021 (0.218) | 1.576\*\* (0.333) | 1.056 (0.194) |
|  | [0.809, 2.212] | [0.673, 1.551] | [1.042, 2.385] | [0.736, 1.515] |
| *Information-only treatment × PresentOrientated* | 2.209\*\* (0.776) | 2.227\*\*\* (0.655) | 1.457 (0.467) | 2.010\*\* (0.635) |
|  | [1.110, 4.399] | [1.251, 3.963] | [0.778, 2.731] | [1.082, 3.733] |
| *PresentOrientated × Information + support* | 1.206 (0.444) | 1.309 (0.471) | 0.980 (0.308) | 2.010\* (0.816) |
|  | [0.586, 2.482] | [0.646, 2.652] | [0.529, 1.814] | [0.907, 4.455] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.273 | 0.203 | 0.152 | 0.062 |
| *R2 Adj.* | 0.169 | 0.122 | 0.063 | -0.029 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |

Table 5.10: HTE: Past early childcare use (Logit-Odds Ratios)

|  | ***Early childcare*** | | ***Daycare*** | |
| --- | --- | --- | --- | --- |
| Application | Access | Application | Access |
| *Information-only treatment* | 1.062 (0.203) | 0.929 (0.190) | 1.090 (0.168) | 0.785 (0.172) |
|  | [0.730, 1.546] | [0.623, 1.387] | [0.807, 1.474] | [0.511, 1.205] |
| *UsedECECYes* | 0.735 (0.443) | 1.770 (1.252) | 0.618 (0.358) | 0.664 (0.575) |
|  | [0.226, 2.393] | [0.443, 7.077] | [0.198, 1.926] | [0.121, 3.625] |
| *Information + support* | 1.934\*\*\* (0.432) | 1.399\* (0.260) | 1.873\*\*\* (0.336) | 1.336\* (0.227) |
|  | [1.249, 2.996] | [0.972, 2.014] | [1.318, 2.661] | [0.957, 1.865] |
| *Information-only treatment × UsedECECYes* | 0.734 (0.283) | 0.898 (0.285) | 0.903 (0.272) | 1.451 (0.455) |
|  | [0.345, 1.561] | [0.483, 1.672] | [0.500, 1.629] | [0.785, 2.682] |
| *UsedECECYes × Information + support* | 0.462\*\* (0.165) | 0.589\* (0.181) | 0.664 (0.170) | 1.075 (0.278) |
|  | [0.229, 0.931] | [0.323, 1.074] | [0.402, 1.095] | [0.647, 1.785] |
| *Num.Obs.* | 1381 | 1374 | 1437 | 1268 |
| *R2* | 0.272 | 0.196 | 0.154 | 0.059 |
| *R2 Adj.* | 0.168 | 0.115 | 0.064 | -0.032 |
| *FE: StrataWave* | X | X | X | X |
| *Mean of DV* | 0.76 | 0.56 | 0.62 | 0.23 |
| Standard errors are cluster-heteroskedasticity robust. | | | | |