## Supplementary online materials for the article

How socio-cultural factors and opportunity costs shape the transition to a third child Ralina Panova, Isabella Buber-Ennser, \& Martin Bujard Published in: Journal of Family Research, https://doi.org/10.20377/jfr-821

Table A1: Time periods by wave and country

|  | Wave 1 | Wave 2 |
| :--- | :---: | :---: |
| Austria | $2008-10-2009-02$ | $2012-09-2013-03$ |
| Bulgaria | $2004-10-2004-12$ | $2007-04-2007-06$ |
| France | $2005-09-2005-12$ | $2008-10-2008-10$ |
| Georgia | $2006-03-2006-07$ | $2009-04-2009-07$ |
| Hungary | $2004-11-2005-01$ | $2008-10-2009-02$ |
| Poland | $2010-10-2011-02$ | $2014-09-2015-02$ |
| Russia | $2004-06-2004-08$ | $2007-04-2007-09$ |

Table A2: Factor loadings of norms and attitudes towards the intention to have a child within the next three years

|  | Factor 1: Opportunity costs | Factor 2: Affect and social esteem | Factor 3: Perceived social pressure |
| :---: | :---: | :---: | :---: |
| If you were to have a child during the next three years, would this be better or worse for |  |  |  |
| ... the possibility to do what you want? | 0.6688 | 0.1725 | 0.1635 |
| ... your employment opportunities? | 0.6149 | 0.1523 | 0.1177 |
| ... your financial situation? | 0.6263 | 0.1448 | 0.1519 |
| ... your sexual life? | 0.2934 | 0.3804 | 0.0731 |
| ... what people around think of you? | 0.1596 | 0.5540 | 0.1860 |
| ... the joy and satisfaction you get from life? | 0.3233 | 0.5735 | 0.1904 |
| ... the closeness between you and your partner? | 0.2064 | 0.6425 | 0.1977 |
| ... the care and security you may have in old age? | 0.0636 | 0.5563 | 0.1370 |
| ... the closeness between you and your parents? | 0.0826 | 0.5838 | 0.1733 |
| statements about what other people think about you having a child during the next three years?' |  |  |  |
|  |  |  |  |
| Most of your friends think that you should have a child. | 0.0870 | 0.0918 | 0.8522 |
| Your parents think that you should have a child. | 0.0785 | 0.1146 | 0.8900 |
| Most of your relatives think that you should have a child. | 0.0787 | 0.0992 | 0.9255 |

[^0]Source: GGS, wave one. $\mathrm{n}=6,606$.

Table A3: Items included in the factor "opportunity costs"

| If you were to have another child during the next three years, would it be better or worse for ... | Much better | Better | Neither <br> better <br> nor <br> worse | Worse | Much worse | Missing | Total | Much better | Better | Neither better nor worse | Worse | Much worse | Missing | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Women |  |  |  |  |  |  | Men |  |  |  |  |  |  |
| .... the possibility to do what you want | 0\% | 2\% | 29\% | 49\% | 20\% | 0\% | 100\% | 0\% | 3\% | 44\% | 39\% | 13\% | 1\% | 100\% |
| ... your employment opportunities | 0\% | 1\% | 26\% | 45\% | 24\% | 3\% | 100\% | 0\% | 2\% | 71\% | 18\% | 6\% | 3\% | 100\% |
| ... your financial situation | 0\% | 1\% | 23\% | 52\% | 23\% | 0\% | 100\% | 0\% | 2\% | 29\% | 52\% | 17\% | 0\% | 100\% |

Source: GGS, wave one. Unweighted numbers.
Table A4: Items included in the factor "affect and social esteem"

| If you were to have another child during the next three years, would it be better or worse for $\qquad$ | Much better | Better | Neither better nor worse | Worse | Much worse | Missing | Total | Much better | Better | Neither <br> better <br> nor <br> worse | Worse | Much worse | Missing | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Women |  |  |  |  |  |  | Men |  |  |  |  |  |  |
| ... your sexual life <br> ... what people around you think | 0\% | 2\% | 80\% | 12\% | 3\% | 2\% | 100\% | 0\% | 3\% | 80\% | 11\% | 3\% | 2\% | 100\% |
| of you <br> the joy and satisfaction you | 0\% | 9\% | 78\% | 7\% | 2\% | 4\% | 100\% | 1\% | 10\% | 80\% | 5\% | 1\% | 3\% | 100\% |
| get from life | 3\% | 23\% | 53\% | 15\% | 4\% | 1\% | 100\% | 4\% | 27\% | 54\% | 12\% | $2 \%$ | 1\% | 100\% |
| ... the closeness between you and your partner/spouse ... the closeness between you | 2\% | 15\% | 70\% | 9\% | 2\% | 1\% | 100\% | 3\% | 18\% | 69\% | 7\% | 2\% | 1\% | 100\% |
| and your parents ... the care and security you may | 1\% | 11\% | 77\% | 3\% | 1\% | 7\% | 100\% | $2 \%$ | 12\% | 75\% | 2\% | 1\% | 8\% | 100\% |
| get in old age | 2\% | 32\% | 57\% | 4\% | 2\% | 3\% | 100\% | 3\% | 34\% | 54\% | 5\% | 2\% | 3\% | 100\% |
| Source: GGS, wave one. Unweighted numbers.Table A5: Items included in the factor ' |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Strongly agree | Agree | Neither agree | Disagree | Strongly disagree | Missing | Total | Strongly agree | Agree | Neither agree | Disagree | Strongly disagree | Missing | Total |



Source: GGS, wave one. Unweighted numbers.

Table A6: Number of missing items, by factor

|  | Opportunity <br> costs | Affect and <br> esteem | Perceived <br> social <br> pressure | Opportunity costs, affect <br> and esteem and social <br> pressure |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| 0 abs. | abs. | abs. | abs. | rel. |  |
| 1 items | 6,355 | 5,777 | 6,040 | 5,480 | $82.6 \%$ |
| 2 items | 230 | 617 | 503 | 561 | $8.5 \%$ |
| 3 items | 21 | 125 | 63 | 416 | $6.3 \%$ |
| 4 items |  | 50 |  | 96 | $1.4 \%$ |
| 5 items |  | 21 |  | 44 | $0.7 \%$ |
| 6 items |  | 16 |  | 23 | $0.3 \%$ |
| 7 items |  |  |  | 10 | $0.2 \%$ |
| Total | 6,606 | 6,606 | 6,606 | 6,606 | $100 \%$ |

Source: GGS, wave one. Unweighted numbers.

Table A7: Distribution of opportunity costs and socio-cultural factors

|  | Women |  |  |  |  |  | Men |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Much better | Better | Neither better nor worse | Worse | Much worse | Total | Much better | Better | Neither better nor worse | Worse | Much worse | Total |
| Opportunity costs | 0\% | 1\% | 25\% | 58\% | 17\% | 100\% | 0\% | 2\% | 47\% | 44\% | 7\% | 100\% |
| Socio-cultural factors <br> Affect and social esteem | 0\% | 9\% | 82\% | 8\% | 1\% | 100\% | 0\% | 11\% | 83\% | 5\% | 1\% | 100\% |
|  | Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly agree | Total | Strongly disagree | Disagree | Neither agree nor disagree | Agree | Strongly agree | Total |
| Perceived social pressure | 42\% | 33\% | 16\% | 6\% | 1\% | 100\% | 43\% | 31\% | 17\% | 7\% | 2\% | 100\% |
|  | None | One | Two | Three and more |  | Total | None | One | Two | Three and more |  | Total |
| Number of siblings | 8\% | 37\% | 27\% | 27\% |  | 100\% | 9\% | 40\% | 26\% | 25\% |  | 100\% |

Source: GGS, wave one. Weighted numbers.

Table A8: Transition to a third child (average marginal effects), using Likert-scales

|  | Women | Men |
| :---: | :---: | :---: |
| Opportunity costs (ref.=Neither better nor worse) |  |  |
| (Much) better | -0.01 | 0.04 |
| Worse | -0.03*** | -0.03** |
| Much worse | -0.04** | -0.01 |
| Affect and social esteem (ref.=Neither better nor worse) |  |  |
| (Much) worse | 0.01 | 0.06* |
| Better | 0.03*** | 0.05*** |
| Much better | - | 0.10** |
| Perceived social pressure (ref. $=$ Neither agree nor disagree) |  |  |
| Strongly disagree | -0.06*** | -0.06*** |
| Disagree | -0.02* | -0.01 |
| Agree | 0.01 | 0.01 |
| Strongly agree | 0.01 | -0.07* |
| Number of siblings (ref.=One) |  |  |
| None | 0.03+ | 0.01 |
| Two | -0.00 | 0.03* |
| Three and more | 0.01 | 0.03** |
| Age at first birth (ref.=First tercile) |  |  |
| Second tercile | -0.01 | -0.00 |
| Third tercile | -0.03** | -0.02 |
| Age of youngest child (ref. $=0-2$ years) |  |  |
| 3-5 years | -0.04*** | -0.03* |
| 6-10 years | -0.06*** | -0.06*** |
| 11-15 years | -0.13*** | -0.10*** |
| 16 years and more | -0.21*** | -0.16** |
| Missing age | -0.11** | 0.01 |
| Sex composition of children (ref.=One boy, one girl) |  |  |
| Two boys | 0.00 | -0.02 |
| Two girls | 0.03* | 0.02 |
| Twins (ref.=No twins) |  |  |
| Twins | -0.06 | -0.05 |
| Migration background (ref.=Born in country of interview) |  |  |
| Born abroad | 0.00 | -0.02 |
| Education of couple (ref.=Both low education) |  |  |
| At least one medium level | -0.03+ | 0.02 |
| At least one highly educated | -0.02 | 0.03 |
| Missing education | - | 0.19** |
| Employment status of man (ref.=(Self-)employed) |  |  |
| Unemployed | -0.01 | 0.03+ |
| Other | -0.00 | 0.04 |
| Employment status of woman (ref.=(Self-)employed) |  |  |
| Looking after home/family | 0.01 | 0.03* |
| Unemployed | 0.01 | -0.00 |
| Other | 0.01 | 0.01 |
| Making ends meet (ref.=Fairly easily) |  |  |
| With (great) difficulties | 0.05*** | 0.01 |
| With some difficulties | 0.02 | 0.01 |
| (Very) easily | 0.02 | 0.06*** |
| Missing | - | - |
| Thinking of breaking up (ref.=Not thinking of breaking up) |  |  |
| Thinking of breaking up | 0.03** | -0.10 |
| Partner present at interview | 0.02 | 0.00 |
| No answer | -0.05+ | 0.03 |
| Existence of pre-union children (ref.=No) |  |  |
| Yes | -0.00 | 0.05** |
| Time elapsed between the two interviews (in months) | -0.00 | -0.00 |

Table A8 (cont.): Transition to a third child (average marginal effects), using Likert-scales

|  | Women | Men |
| :--- | :--- | :--- |
| Country (ref.=Austria) |  |  |
| Bulgaria | -0.08 | -0.03 |
| France | 0.01 | 0.02 |
| Georgia | -0.03 | -0.02 |
| Hungary | $0.04^{*}$ | $0.06^{* *}$ |
| Poland | 0.00 | 0.03 |
| Russia | $-0.11^{*}$ | -0.07 |
| Cragg Uhler R2 | 0.2843 | 0.2366 |
| N | 4,037 | 2,521 |

Significance levels: + $\mathrm{p}<0.10 ; * \mathrm{p}<0.05 ; * * \mathrm{p}<0.01$; *** $\mathrm{p}<0.001$.
Source: GGS, waves one and two.
Remark: For opportunity costs the categories "Much better" and "better" were merged, as the group "much better" would have been dropped otherwise due to perfect prediction. The same holds for the categories "Much worse" and "worse" for affect and social esteem. Some groups (e.g., "missing" for age of youngest child in the female sample) predict transition perfectly. STATA dropped these observations, resulting in a lower number of observations. These groups have are indicated via "-".

Table A9: Transition to a third child, average marginal effect of single items

|  | Women | Men |
| :---: | :---: | :---: |
| 'If you were to have a child during the next three years, would this be better or worse for ...', |  |  |
| ... the possibility to do what you want? | -0.02*** | $-0.03 * * *$ |
| ... your employment opportunities? | $-0.02 * * *$ | -0.01 |
| ... your financial situation? | $-0.03 * * *$ | -0.03** |
| ... your sexual life? | -0.01+ | -0.03+ |
| $\ldots$ what people around think of you? | -0.01 | -0.01 |
| $\ldots$... the joy and satisfaction you get from life? | -0.04*** | -0.04*** |
| $\ldots$... the closeness between you and your partner? | $-0.03 * * *$ | $-0.03 * * *$ |
| ... the care and security you may have in old age? | -0.01+ | -0.01 |
| ... the closeness between you and your parents? | -0.01 | -0.03* |

'To what extent do you agree or disagree with the statements about what other people think about you having a child during the next three years? ${ }^{\prime 2}$
Most of your friends think that you should have a child. $\quad-0.02^{* * *} \quad-0.02^{* * *}$
$\begin{array}{llll}\text { Your parents think that you should have a child. } & -0.02 * * * & -0.02 * * *\end{array}$
Most of your relatives think that you should have a child. $\quad-0.02 * * * \quad-0.02 * * *$
Significance levels: $+\mathrm{p}<0.10 ; * \mathrm{p}<0.05 ;{ }^{* *} \mathrm{p}<0.01$; *** $\mathrm{p}<0.001$.
Remark: The answers for the missing values for the single variables were excluded. Accordingly, numbers ranged between 3,766 and 4,033 in the female and between 2,325 and 2,497 in the male sample.
Note: Controlling for age at first birth, age of youngest child, sex composition of children, twins, migration background, education of couple, employment status of man and woman, making ends meet, thinking of breaking up, existence of pre-union children, time elapsed between the two interviews, and country. Source: GGS, wave one and wave two.

[^1]Table A10: Transition to a third child, including specific items instead of factors, average marginal effects

|  | Women | Men |
| :---: | :---: | :---: |
| 'If you were to have a child during the next three years, would this be better or worse for ...' |  |  |
| ... the possibility to do what you want? | -0.01 | -0.02* |
| ... your employment opportunities? | -0.00 | 0.02+ |
| ... your financial situation? | -0.01 | -0.02+ |
| ... your sexual life? | 0.01 | -0.01 |
| ... what people around think of you? | 0.01 | 0.03+ |
| ... the joy and satisfaction you get from life? | -0.03*** | -0.03*** |
| ... the closeness between you and your partner? | -0.01 | -0.00 |
| ... the care and security you may have in old age? | 0.01 | 0.02* |
| $\ldots$.. the closeness between you and your parents? | 0.01 | -0.01 |
| 'To what extent do you agree or disagree with the statements about what other people think about you having a child during the next three years?' |  |  |
| Most of your friends think that you should have a child. | -0.01 | -0.01 |
| Your parents think that you should have a child. | -0.00 | -0.01 |
| Most of your relatives think that you should have a child. | -0.01 | -0.00 |
| Number of siblings (ref.=One) |  |  |
| None | 0.03 | 0.02 |
| Two | -0.00 | 0.02 |
| Three and more | 0.01 | 0.04** |
| Age at first birth (ref.=First tercile) |  |  |
| Second tercile | -0.02+ | 0.00 |
| Third tercile | -0.03* | -0.02 |
| Age of youngest child (ref. $=\mathbf{0 - 2}$ years) |  |  |
| 3-5 years | $-0.04 * * *$ | -0.04** |
| 6-10 years | $-0.06 * * *$ | -0.05*** |
| 11-15 years | $-0.14 * * *$ | -0.11*** |
| 16 years and more | $-0.19 * * *$ | -0.14* |
| Missing age | -0.11* | 0.03 |
| Sex composition of children (ref.=One boy, one girl) |  |  |
| Two boys | 0.01 | -0.01 |
| Two girls | 0.03** | 0.03+ |
| Twins (ref.=no twins) |  |  |
| Twins | -0.07 | -0.03 |
| Migration background (ref.=Born in country of interview) |  |  |
| Born abroad | -0.02 | -0.02 |
| Education of couple (ref.=Both low education) |  |  |
| At least one medium level | -0.04* | 0.04 |
| At least one highly educated | -0.04* | 0.04 |
| Missing education | - | 0.19** |
| Employment status of man (ref.=(Self-)employed) |  |  |
| Unemployed | -0.01 | 0.04* |
| Other | -0.04 | 0.03 |
| Employment status of woman (ref.=(Self-)employed) |  |  |
| Looking after home/family | 0.01 | 0.03+ |
| Unemployed | 0.01 | -0.01 |
| Other | 0.02 | 0.02 |
| Making ends meet (ref.=Fairly easily) |  |  |
| With (great) difficulties | 0.04** | 0.02 |
| With some difficulties | 0.01 | 0.02 |
| (Very) easily | 0.02 | 0.05** |
| Missing | - | 0.00 |

Table A10 (cont.): Transition to a third child, including specific items instead of factors, average marginal effects

|  | Women | Men |
| :--- | :--- | :--- |
| Thinking of breaking up (ref.=Not thinking of breaking up) |  |  |
| Thinking of breaking up | $0.04^{* *}$ | -0.09 |
| Partner present at interview | 0.02 | 0.03 |
| No answer | -0.04 | 0.02 |
| Existence of pre-union children (ref.=No) |  |  |
| Yes | -0.01 | $0.05^{* *}$ |
| Time elapsed between the two interviews (in months) | -0.00 | -0.00 |
| Country (ref.=Austria) |  |  |
| Bulgaria | -0.05 | -0.07 |
| France | 0.00 | -0.05 |
| Georgia | -0.01 | -0.03 |
| Hungary | $0.03+$ | $0.04^{*}$ |
| Poland | 0.01 | 0.03 |
| Russia | $-0.12^{*}$ | -0.007 |
| Cragg Uhler R $\mathbf{2}^{2}$ | 0.2984 | 0.2441 |
| N | 3,341 | 2,072 |
| Sifane |  |  |

Significance levels: $+\mathrm{p}<0.10 ;{ }^{*} \mathrm{p}<0.05 ; * * \mathrm{p}<0.01 ; * * * \mathrm{p}<0.001$.
Remark: Models exclude respondents with at least one missing value for the twelve items referring to opportunity costs or affect and social esteem.
Source: GGS, wave one and wave two.

Table A11: Transition to a third child (average marginal effects) - country effect

|  | Women |  |  | Men |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | Women1 | Women2 | Women | Men1 | Men2 | Men |
| Country (ref.=Austria) |  |  |  |  |  |  |
| Bulgaria | $-0.08^{* * *}$ | $-0.06^{* *}$ | -0.08 | $-0.07^{* *}$ | $-0.04+$ | -0.03 |
| France | 0.02 | $0.03^{*}$ | 0.01 | 0.02 | 0.02 | 0.01 |
| Georgia | 0.00 | -0.02 | -0.03 | 0.01 | -0.02 | -0.02 |
| Hungary | -0.00 | 0.02 | $0.03+$ | 0.01 | $0.03+$ | $0.05^{*}$ |
| Poland | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | $0.04+$ |
| Russia | $-0.10^{* * * *}$ | $-0.09^{* * *}$ | $-0.11^{* *}$ | $-0.06^{*}$ | $-0.05+$ | -0.06 |
| Opportunity costs |  | $0.03^{* * *}$ | $-0.02^{* * *}$ |  | $0.03^{*}$ | $-0.02+$ |
| Socio-cultural factors |  |  |  |  |  |  |
| Affect and social esteem |  | $0.03^{*}$ | $0.02^{*}$ |  | $0.04^{*}$ | $0.03+$ |
| Perceived social pressure |  | $0.03^{* * *}$ | $0.02^{* * *}$ |  | $0.02^{* * *}$ | $0.02^{* * *}$ |
| Number of siblings (ref. $=$ One $)$ |  |  |  |  |  |  |
| None |  | 0.01 | $0.03+$ |  | 0.01 | 0.01 |
| Two |  | -0.01 | -0.01 |  | $0.03^{*}$ | $0.03^{*}$ |
| Three and more |  | -0.00 | 0.01 |  | $0.03^{*}$ | $0.03^{*}$ |
| Control variables | no | no | yes | no | no | yes |
| Cragg Uhler R ${ }^{2}$ | 0.0447 | 0.1324 | 0.2739 | 0.0246 | 0.0885 | 0.2045 |
| N | 4,073 | 4,073 | 4,047 | 2,533 | 2,533 | 2,521 |

Significance levels: + $\mathrm{p}<0.10$; * $\mathrm{p}<0.05$; ** $\mathrm{p}<0.01$; *** $\mathrm{p}<0.001$.
Source: GGS, waves one and two.
Remark: Models "Women" and "Men" are those presented in Table 3.

Table A12: Transition to a third child, excluding couples with pre-union children, average marginal effects

|  | Women | Men |
| :---: | :---: | :---: |
| Opportunity costs | -0.02** | -0.02+ |
| Socio-cultural factors |  |  |
| Affect and social esteem | 0.02* | 0.03 |
| Perceived social pressure | 0.02 *** | 0.02*** |
| Number of siblings (ref.=One) |  |  |
| None | 0.03+ | 0.02 |
| Two | -0.01 | 0.03* |
| Three and more | 0.01 | 0.03* |
| Age at first birth (ref.=First tercile) |  |  |
| Second tercile | -0.02+ | -0.00 |
| Third tercile | -0.03** | -0.01 |
| Age of youngest child (ref. $=\mathbf{0} \mathbf{- 2}$ years) |  |  |
| 3-5 years | -0.04*** | -0.04* |
| 6-10 years | $-0.06 * * *$ | -0.06 *** |
| 11-15 years | -0.17*** | -0.11*** |
| 16 years and more | -0.20 *** | - |
| Missing age | - | 0.02 |
| Sex composition of children (ref.=One boy, one girl) |  |  |
| Two boys | 0.01 | -0.02 |
| Two girls | 0.03** | 0.01 |
| Twins |  |  |
| No twins (ref.) | 0 | 0 |
| Twins | -0.05 | -0.04 |
| Migration background (ref.=Born in country of interview) |  |  |
| Born abroad | 0.01 | -0.00 |
| Education of couple (ref.=Both low education) |  |  |
| At least one medium level | -0.04* | 0.01 |
| At least one highly educated | -0.03+ | 0.00 |
| Missing education | - | 0.17** |
| Employment status of man (ref.=(Self-)employed) |  |  |
| Unemployed | -0.02 | 0.04* |
| Other | -0.03 | 0.04 |
| Employment status of woman (ref.=(Self-)employed) |  |  |
| Looking after home/family | 0.01 | 0.03* |
| Unemployed | 0.00 | 0.01 |
| Other | -0.02 | -0.02 |
| Making ends meet (ref.=Fairly easily) |  |  |
| With (great) difficulties | 0.05*** | 0.00 |
| With some difficulties | 0.02 | 0.01 |
| (Very) easily | 0.01 | 0.05** |
| Missing | - | - |
| Thinking of breaking up (ref.=Not thinking of breaking up) |  |  |
| Thinking of breaking up | 0.04** | -0.08 |
| Partner present at interview | 0.01 | 0.02 |
| No answer | -0.04 | 0.03 |
| Time elapsed between the two interviews (in months) | -0.00 | -0.00 |

Table A12 (cont.): Transition to a third child (average marginal effects)

|  | Women | Men |
| :--- | :--- | :--- |
| Country (ref.=Austria) |  |  |
| Bulgaria | -0.08 | -0.05 |
| France | 0.02 | 0.00 |
| Georgia | -0.03 | -0.03 |
| Hungary | $0.03+$ | $0.06^{* *}$ |
| Poland | 0.01 | $0.04+$ |
| Russia | $-0.16^{* * *}$ | -0.08 |
| Cragg Uhler R ${ }^{2}$ | 0.2919 | 0.1772 |
| N | 3,656 | 2,129 |

Significance levels: + p<0.10; * $\mathrm{p}<0.05$; ** $\mathrm{p}<0.01$; *** $\mathrm{p}<0.001$.
Source: GGS, waves one and two.
Remark: Some groups (e.g., "missing" for age of youngest child in the female sample) predict transition perfectly. STATA dropped these observations, resulting in a lower number of observations. These groups are indicated via "-".

Figure A1: Opportunity costs and affect and esteem among persons with two children by transition to a third child, distribution by categories


Source: GGS, waves one and two. Weighted numbers.

Figure A2: Perceived social pressure among persons with two children by transition to a third child, distribution by categories


Source: GGS, waves one and two. Weighted numbers.

Figure A3: Number of siblings among persons with two children by transition to a third child


Source: GGS, waves one and two. Weighted numbers.


[^0]:    Remark: Loadings highlighted in bold indicate the factor on which the item was placed.

[^1]:    ${ }^{1}$ Answers were coded from 1 (much better) to 5 (much worse).
    ${ }^{2}$ Answers were coded from 1 (strongly agree) to 5 (strongly disagree).

