## Supporting Information: Like Parent, Like Child: The Intergenerational Transmission of Other-Regarding Preferences Lasha Lanchava

TABLE S1
The relationship between parents' and children's relative earnings and givings towards related children

|  | Relative earning: child |  |  | Giving: child |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dependent Variable | (1) | (2) | (3) | (4) | (5) | (6) |
| Relative earning: mother | $\begin{aligned} & \mathbf{0 . 2 7 2} * * * \\ & (0.085) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 3 0 9 * * * *} \\ (0.080) \end{gathered}$ | $\begin{gathered} \mathbf{0 . 1 6 4 * *} \\ (0.080) \end{gathered}$ |  |  |  |
| Relative earning: father | $\begin{aligned} & \mathbf{0 . 1 7 0} * * * \\ & (0.063) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 2 1 8} * * * \\ (0.060) \end{gathered}$ | $\begin{aligned} & \mathbf{0 . 1 5 0 * *} \\ & (0.059) \end{aligned}$ |  |  |  |
| Giving: mother |  |  |  | $\begin{aligned} & \mathbf{0 . 4 4 1} \text { *** } \\ & (0.077) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 3 5 3 * * *} \\ & (0.071) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 3 7 * * *} \\ & (0.073) \end{aligned}$ |
| Giving: father |  |  |  | $\begin{aligned} & \mathbf{0 . 2 5 6} \text { *** } \\ & (0.065) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 8 2} \text { *** } \\ & (0.060) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 2 0} \text { *** } \\ & (0.061) \end{aligned}$ |
| 1 if female |  | $\begin{aligned} & 0.043 \\ & (0.036) \end{aligned}$ | $\begin{aligned} & 0.022 \\ & (0.033) \end{aligned}$ |  | $\begin{aligned} & -7.120 \\ & (2.714) \end{aligned}$ | $\begin{gathered} -5.973 * * \\ (2.584) \end{gathered}$ |
| Age of child ${ }^{\text {A }}$ |  | $\begin{gathered} -0.107 * * * \\ (0.095) \end{gathered}$ | $\begin{gathered} -0.114 * * * \\ (0.020) \end{gathered}$ |  | $\begin{aligned} & 8.207 * * * \\ & (1.458) \end{aligned}$ | $\begin{aligned} & 8.968 * * * \\ & (1.604) \end{aligned}$ |
| Age of mother |  | $\begin{aligned} & 0.004 \\ & (0.004) \end{aligned}$ | $\begin{aligned} & 0.002 \\ & (0.004) \end{aligned}$ |  | $\begin{aligned} & -0.344 \\ & (0.329) \end{aligned}$ | $\begin{gathered} -0.231 \\ (0.340) \end{gathered}$ |
| Age of father |  | $\begin{array}{r} -0.0003 \\ (0.004) \end{array}$ | $\begin{array}{r} -0.0007 \\ (0.003) \end{array}$ |  | $\begin{aligned} & 0.199 \\ & (0.301) \end{aligned}$ | $\begin{aligned} & 0.160 \\ & (0.289) \end{aligned}$ |
| Constant | $\begin{aligned} & 0.559^{* *} \\ & (0.104) \end{aligned}$ | $\begin{aligned} & 0.595 \\ & (0.154) \end{aligned}$ | $\begin{aligned} & 1.340 * * * \\ & (0.356) \end{aligned}$ | $\begin{aligned} & 36.243 * * * \\ & (11.077) \end{aligned}$ | $\begin{aligned} & 38.779 * * * \\ & (13.730) \end{aligned}$ | $\begin{aligned} & 29.382 \\ & (24.423) \end{aligned}$ |
| Additional Controls | No | No | Yes | No | No | Yes |
| Observations | 160 | 160 | 160 | 160 | 160 | 160 |
| $\mathrm{R}^{2}$ | 0.312 | 0.312 | 0.465 | 0.305 | 0.447 | 0.545 |

Notes: Coefficients in all columns are OLS regression estimates, standard errors are in parentheses; ${ }^{* * *}$, **, and * indicate significance at $1 \%, 5 \%$, and $10 \%$ level, respectively. Additional controls include $\log$ of household wealth, earnings of mother and father, schooling of mother and father and years of marriage.
${ }^{\text {A }}$ ordinal variable for the four different age groups (age 6-8 $=0$, age $9-11=1$, age $12-14=2$, age $15-17=3$
Relative earning is a continuous measure of the total number of experimental points the person earned in four binary choice games, relative to the total number of points s/he gave to others. It is smallest for strongly altruistic types and largest for spiteful types.
Giving is a measure of the total number of experimental points the person gave to others in four binary choice games. It is smallest for spiteful types and largest for strongly altruistic types.

TABLE S2
The relationship between parents' and children's relative earnings and givings towards related parents

| Dependent Variable | Relative earning: child |  |  | Giving: child |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Relative earning: mother | $\begin{aligned} & \mathbf{0 . 2 7 8 * * * *} \\ & (0.074) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 2 8 1 * * *} \\ (0.071) \end{gathered}$ | $\begin{aligned} & \mathbf{0 . 1 8 7 * * *} \\ & (0.080) \end{aligned}$ |  |  |  |
| Relative earning: father | $\begin{aligned} & \mathbf{0 . 3 2 5 * * *} \\ & (0.073) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 9 2 * * *} \\ & (0.070) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 1 3 5 *} \\ & (0.059) \end{aligned}$ |  |  |  |
| Giving: mother |  |  |  | $\begin{aligned} & \mathbf{0 . 4 3 9 * * * *} \\ & (0.071) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 4 1 6 * * * *} \\ & (0.067) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 3 2 7 * * *} \\ & (0.067) \end{aligned}$ |
| Giving: father |  |  |  | $\begin{aligned} & \mathbf{0 . 3 5 7 * * *} \\ & (0.069) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 3 2 8 * * *} \\ (0.065) \end{gathered}$ | $\begin{aligned} & \mathbf{0 . 2 0 3}{ }^{* * *} \\ & (0.069) \end{aligned}$ |
| 1 if female |  | $\begin{aligned} & 0.012 \\ & (0.036) \end{aligned}$ | $\begin{aligned} & -0.003 \\ & (0.034) \end{aligned}$ |  | $\begin{aligned} & -4.491^{*} \\ & (2.647) \end{aligned}$ | $\begin{gathered} -4.361 * * \\ (2.523) \end{gathered}$ |
| Age of child ${ }^{\text {A }}$ |  | $\begin{gathered} -0.093 * * * \\ (0.019) \end{gathered}$ | $\begin{aligned} & -0.122 * * * \\ & (0.020) \end{aligned}$ |  | $\begin{aligned} & 7.035^{* * *} \\ & (1.383) \end{aligned}$ | $\begin{aligned} & 9.283 * * * \\ & (1.524) \end{aligned}$ |
| Age of mother |  | $\begin{aligned} & 0.006 \\ & (0.004) \end{aligned}$ | $\begin{aligned} & 0.002 \\ & (0.004) \end{aligned}$ |  | $\begin{aligned} & -0.525 \\ & (0.317) \end{aligned}$ | $\begin{aligned} & -0.257 \\ & (0.325) \end{aligned}$ |
| Age of father |  | $\begin{aligned} & -0.002 \\ & (0.004) \end{aligned}$ | $\begin{gathered} -0.0006 \\ (0.003) \end{gathered}$ |  | $\begin{aligned} & 0.251 \\ & (0.286) \end{aligned}$ | $\begin{aligned} & 0.123 \\ & (0.275) \end{aligned}$ |
| Constant | $\begin{aligned} & 0.459 * * * \\ & (0.099) \end{aligned}$ | $\begin{aligned} & 0.502 * * * \\ & (0.151) \end{aligned}$ | $\begin{aligned} & 1.476 * * * \\ & (0.339) \end{aligned}$ | $\begin{aligned} & 26.259 * * * \\ & (9.764) \end{aligned}$ | $\begin{aligned} & 32.364^{* *} \\ & (12.811) \end{aligned}$ | $\begin{aligned} & 8.028 \\ & (24.029) \end{aligned}$ |
| Additional Controls | No | No | Yes | No | No | Yes |
| Observations $\mathrm{R}^{2}$ | 160 0.227 | 160 0.329 | 160 0.492 | 160 0.424 | 160 0.517 | 160 0.605 |
| Notes: Coefficients in all columns are OLS regression estimates, standard errors are in parentheses; ***, **, and * indicate significance at $1 \%, 5 \%$, and $10 \%$ level, respectively. Additional controls include $\log$ of household wealth, earnings of mother and father, schooling of mother and father and years of marriage. A ordinal variable for the four different age groups (age 6-8 $=0$, age $9-11=1$, age $12-14=2$, age $15-17=3$ |  |  |  |  |  |  |
| Relative earning is a continuous measure of the total number of experimental points the person earned in four binary choice games, relative to the total number of points s/he gave to others. It is smallest for strongly altruistic types and largest for spiteful types. <br> Giving is a measure of the total number of experimental points the person gave to others in four binary choice games. It is smallest for spiteful types and largest for strongly altruistic types. |  |  |  |  |  |  |

TABLE S3
The relationship between parents' and children's relative earnings and givings towards nonrelated children

| Dependent Variable | Relative earning: child |  |  | Giving: child |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Relative earning: mother | $\begin{aligned} & \mathbf{0 . 4 3 3 * * *} \\ & (0.082) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 4 1 7 ^ { * * * * } *} \\ (0.079) \end{gathered}$ | $\begin{aligned} & \mathbf{0 . 3 5 9 * *} \\ & (0.077) \end{aligned}$ |  |  |  |
| Relative earning: father | $\begin{aligned} & \mathbf{0 . 3 1 0}^{* * *} \\ & (0.069) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 3 2 8 * * *} \\ (0.068) \end{gathered}$ | $\begin{aligned} & \mathbf{0 . 1 7 2 * *} \\ & (0.074) \end{aligned}$ |  |  |  |
| Giving: mother |  |  |  | $\begin{aligned} & \mathbf{0 . 4 5 6 * * *} \\ & (0.090) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 4 3 7 * * *} \\ & (0.087) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 3 7 1 * * *} \\ & (0.087) \end{aligned}$ |
| Giving: father |  |  |  | $\begin{aligned} & \mathbf{0 . 3 2 3 * * *} \\ & (0.079) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 3 1 4 * * * *}_{(0.077)} \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 1 6}^{* * * *} \\ & (0.084) \end{aligned}$ |
| 1 if female |  | $\begin{aligned} & -0.011 \\ & (0.035) \end{aligned}$ | $\begin{gathered} -0.013 \\ (0.034) \end{gathered}$ |  | $\begin{aligned} & -3.220 \\ & (2.794) \end{aligned}$ | $\begin{aligned} & -2.818 \\ & (2.756) \end{aligned}$ |
| Age of child ${ }^{\text {A }}$ |  | $\begin{gathered} -0.076 * * * \\ (0.019) \end{gathered}$ | $\begin{aligned} & -0.075 * * * \\ & (0.021) \end{aligned}$ |  | $\begin{aligned} & 5.300 * * * \\ & (1.470) \end{aligned}$ | $\begin{aligned} & 5.857 * * * \\ & (1.686) \end{aligned}$ |
| Age of mother |  | $\begin{aligned} & 0.002 \\ & (0.004) \end{aligned}$ | $\begin{gathered} -0.0005 \\ (0.004) \end{gathered}$ |  | $\begin{aligned} & -0.193 \\ & (0.338) \end{aligned}$ | $\begin{aligned} & 0.037 \\ & (0.361) \end{aligned}$ |
| Age of father |  | $\begin{aligned} & -0.003 \\ & (0.004) \end{aligned}$ | $\begin{array}{r} -0.0006 \\ (0.003) \end{array}$ |  | $\begin{aligned} & 0.276 \\ & (0.309) \end{aligned}$ | $\begin{aligned} & 0.203 \\ & (0.311) \end{aligned}$ |
| Constant | $\begin{aligned} & 0.351 * * * \\ & (0.094) \end{aligned}$ | $\begin{aligned} & 0.494 \\ & (0.145) \end{aligned}$ | $\begin{aligned} & 0.846 * * * \\ & (0.340) \end{aligned}$ | $\begin{aligned} & 24.050 * * * \\ & (10.192) \end{aligned}$ | $\begin{aligned} & 15.465 \\ & (14.233) \end{aligned}$ | $\begin{aligned} & 32.976 \\ & (26.403) \end{aligned}$ |
| Additional Controls | No | No | Yes | No | No | Yes |
| Observations | 160 | 160 | 160 | 160 | 160 | 160 |
| $\mathrm{R}^{2}$ | 0.363 | 0.428 | 0.517 | 0.362 | 0.423 | 0.489 |
| Notes: Coefficients in all columns are OLS regression estimates, standard errors are in parentheses; ***, **, and * indicate significance at $1 \%, 5 \%$, and $10 \%$ level, respectively. Additional controls include $\log$ of household wealth, earnings of mother and father, schooling of mother and father and years of marriage. A ordinal variable for the four different age groups (age 6-8 $=0$, age $9-11=1$, age $12-14=2$, age $15-17=3$ |  |  |  |  |  |  |
| Relative earning is a continuous measure of the total number of experimental points the person earned in four binary choice games, relative to the total number of points s/he gave to others. It is smallest for strongly altruistic types and largest for spiteful types. <br> Giving is a measure of the total number of experimental points the person gave to others in four binary choice games. It is smallest for spiteful types and largest for strongly altruistic types. |  |  |  |  |  |  |

TABLE S4
The relationship between parents' and children's relative earnings and givings towards nonrelated parents

| Dependent Variable | Relative earning: child |  |  | Giving: child |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | (1) | (2) | (3) | (4) | (5) | (6) |
| Relative earning: mother | $\begin{aligned} & \mathbf{0 . 3 3 5 * * * *} \\ & (0.074) \end{aligned}$ | $\begin{aligned} & \text { 0.331*** } \\ & (0.073) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 0 6}^{* * *} \\ & (0.069) \end{aligned}$ |  |  |  |
| Relative earning: father | $\begin{aligned} & \mathbf{0 . 2 6 9 * * *} \\ & (0.070) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 9 3 * * *} \\ & (0.070) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 0 4 * *}_{(0.065)} \end{aligned}$ |  |  |  |
| Giving: mother |  |  |  | $\begin{aligned} & \mathbf{0 . 3 6 4 * * *} \\ & (0.078) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 3 6 0 * * *} \\ & (0.077) \end{aligned}$ | $\begin{aligned} & \mathbf{0 . 2 9 8 * * *} \\ & (0.076) \end{aligned}$ |
| Giving: father |  |  |  | $\begin{aligned} & \mathbf{0 . 2 3 8 * * *} \\ & (0.073) \end{aligned}$ | $\begin{gathered} \mathbf{0 . 2 5 0}_{(0.072)} \end{gathered}$ | $\begin{aligned} & \mathbf{0 . 1 7 1 * * * *} \\ & (0.068) \end{aligned}$ |
| 1 if female |  | $\begin{gathered} -0.018 \\ (0.042) \end{gathered}$ | $\begin{aligned} & -0.054 \\ & (0.039) \end{aligned}$ |  | $\begin{aligned} & -2.568 \\ & (3.348) \end{aligned}$ | $\begin{aligned} & 0.175 \\ & (3.143) \end{aligned}$ |
| Age of child ${ }^{\text {A }}$ |  | $\begin{gathered} -0.046^{* *} \\ (0.023) \end{gathered}$ | $\begin{gathered} -0.043 * \\ (0.024) \end{gathered}$ |  | $\begin{aligned} & 4.459 * * \\ & (1.791) \end{aligned}$ | $\begin{aligned} & 4.248 * * \\ & (1.933) \end{aligned}$ |
| Age of mother |  | $\begin{aligned} & 0.012 \\ & (0.005) \end{aligned}$ | $\begin{aligned} & 0.011 \\ & (0.005) \end{aligned}$ |  | $\begin{gathered} -1.011^{* *} \\ (0.412) \end{gathered}$ | $\begin{aligned} & -0.935^{* *} \\ & (0.414) \end{aligned}$ |
| Age of father |  | $\begin{aligned} & -0.011 \\ & (0.004) \end{aligned}$ | $\begin{aligned} & -0.010 \\ & (0.004) \end{aligned}$ |  | $\begin{aligned} & 0.928 * * \\ & (0.376) \end{aligned}$ | $\begin{aligned} & 0.947 \\ & (0.355) \end{aligned}$ |
| Constant | $\begin{aligned} & 0.493^{* * *} \\ & (0.108) \end{aligned}$ | $\begin{aligned} & 0.472 \\ & (0.173) \end{aligned}$ | $\begin{aligned} & 1.121 * * * \\ & (0.395) \end{aligned}$ | $\begin{aligned} & 46.701^{* * *} \\ & (11.202) \end{aligned}$ | $\begin{aligned} & 38.417 \\ & (16.214) \end{aligned}$ | $\begin{aligned} & 54.383 \\ & (30.962) \end{aligned}$ |
| Additional Controls | No | No | Yes | No | No | Yes |
| Observations $\mathrm{R}^{2}$ | $\begin{gathered} \hline 160 \\ 0.234 \end{gathered}$ | 160 0.278 | 160 0.464 | 160 0.218 | 160 0.278 | 160 0.430 |
| Notes: Coefficients in all columns are OLS regression estimates, standard errors are in parentheses; ***, **, and * indicate significance at $1 \%, 5 \%$, and $10 \%$ level, respectively. Additional controls include log of household wealth, earnings of mother and father, schooling of mother and father and years of marriage. A ordinal variable for the four different age groups (age 6-8 $=0$, age $9-11=1$, age $12-14=2$, age $15-17=3$ |  |  |  |  |  |  |
| Relative earning is a continuous measure of the total number of experimental points the person earned in four binary choice games, relative to the total number of points $s /$ he gave to others. It is smallest for strongly altruistic types and largest for spiteful types. <br> Giving is a measure of the total number of experimental points the person gave to others in four binary choice games. It is smallest for spiteful types and largest for strongly altruistic types. |  |  |  |  |  |  |

