Home-based Enterprises: Experimental Evidence on Female

Preferences from Pakistan

Appendix for Online Publication

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Contents

| OA.1 | Construction of the variables | 3 |
|-------------|---|----|
| OA.2 | Attrition | 8 |
| OA.3 | Impact of treatment on business creation | 12 |
| | OA.3.1 Lee (2009) bounds on treatment effects on enterprise | 14 |
| | OA.3.2 Treatment impact on other outcomes | 15 |
| OA.4 | Correlates of preference for business and advice | 17 |
| OA.5 | Experiment script | 31 |

OA.1 Construction of the variables

| VARIABLE | DEFINITION | SOURCE |
|---------------------|--|--------------------------------------|
| $Treatment_i$ | A dummy variable for whether individual i was of- fered the product t . | Individual contract offers. |
| | | |
| Age | The age of individual i (in complete years). | Baseline questionnaire . |
| Married | A dummy variable for whether individual i is cur- | Baseline questionnaire. |
| | rently married. | |
| Household head | A dummy variable for whether individual i is head | Baseline questionnaire. |
| | of her household. | |
| Spouse of household | A dummy variable for whether individual i is the | Baseline questionnaire. |
| head | spouse of the household head. | |
| Literate | A dummy variable for whether individual i assess | Baseline questionnaire. |
| | that she can read and write. | |
| Number of young | A continuous variable for the number of children | Baseline questionnaire; variable |
| children | in the household to which individual i belongs. | coded to count the number of |
| | | individuals aged 5 or younger in the |
| | | household. |
| Number of children | A continuous variable for the number of children | Baseline questionnaire; variable |
| | in the household to which individual i belongs. | coded to count the number of |
| | | individuals aged 16 or younger in |
| | | the household. |
| | | |
| Self employed | Individual i is currently self employed i.e has a | Baseline questionnaire. |

business.

| Business in the past | A dummy variable for whether individual i has | Baseline questionnaire. | |
|----------------------|--|----------------------------------|--|
| | owned a business in the past. | | |
| Mother ever had a | A dummy variable for whether individual <i>i</i> 's | Midline questionnaire. | |
| business | mother ever owned a business. | | |
| Household has ex- | A dummy variable for whether household mem- | Midline questionnaire. | |
| isting business | bers (other than individual i) currently have a | | |
| | business. | | |
| | | | |
| Monthly household | Household expenditure in an average month | Baseline questionnaire; variable | |
| expenditure | (PKR). | coded by summing up individual | |
| | | expenditure items. | |
| Home owner | A dummy variable for whether someone in the | Baseline questionnaire. | |
| | household owns the household home. | | |
| Asset index | An index created for the assets owned by the | Baseline questionnaire. | |
| | household using Principle Component Analysis. | | |
| | Survey records if household has the following: | | |
| | utilities, TV, radio, internet, cable, mobile phone, | | |
| | fridge, freezer, microwave, AC, washing machine, | | |
| | sewing machine and iron | | |
| | | | |
| Confidence | A dummy variable for whether individual i is con- | Baseline questionnaire. | |
| | fident she can financially support her family for 4 | | |
| | weeks. | | |
| Empowerment | An index that measures if individual i can make | Baseline questionnaire. | |
| index | decisions (clothing, footwear, medical, recreation, | | |
| | visits, joining credit groups, purchases for self or | | |
| | others, investment, marriage) on her own using the | | |
| | Principle Component Analysis. | | |
| Agency index | Inverse variance-covariance index (Anderson, | Baseline questionnaire. | |
| | 2008) created out of Confidence and Employment | | |
| | Index variables. | | |

| Allowed to work | A dummy variable for whether individual i feels | Baseline questionnaire. |
|--------------------|--|--------------------------------------|
| | household members will allow her to look for | |
| | work. | |
| | | |
| Bank account | A dummy variable for whether someone in the | Baseline questionnaire. |
| | household has a bank account. | |
| Took loans in last | A dummy variable for whether household mem- | Baseline questionnaire. |
| year | bers took out a new loan in the last one year, other | |
| | than the treatment product. | |
| | | |
| Set up a business | A dummy variable for whether individual i set up | Midline & Endline questionnaires; |
| | a business since treatment loan disbursal. | coded by calculating how long ago |
| | | was a new business set up. |
| Business exists | A dummy variable for individual i has set up a | Midline & Endline questionnaires; |
| | new business since treatment loan disbursal that | coded by calculating if an existing |
| | still exists. | business was set after the treatment |
| | | was offered. |
| Shut down business | A dummy variable for if a new business set up by | Midline & Endline questionnaires. |
| | individual i since treatment loan disbursal has shut | |
| | been down. | |
| | | |

FAMILY 8: NUMERACY, WORKING MEMORY AND PREFERENCES

| Numeracy score | The number of basic mathematical questions an- | Midline questionnaire; coded as the |
|------------------|---|--------------------------------------|
| | swered correctly by individual <i>i</i> . | total number of correct answers. |
| Digit span level | The highest level reached in the digit span ques- | Midline questionnaire; coded as the |
| | tions by individual <i>i</i> . | highest level answered correctly be- |
| | | fore making repeating incorrectly. |

| Risk Aversion | The highest level reached in the hypothetical ques- | Midline questionnaire. |
|----------------------|---|-------------------------------------|
| | tion asking for individual to select between a risky | |
| | option and increasing amounts of certain payoff by | |
| | individual <i>i</i> . | |
| Time (near) | The highest level reached in the hypothetical ques- | Midline questionnaire. |
| | tion asking for individual i to select between a pay- | |
| | off tomorrow and increasing amounts of payoff one | |
| | month from tomorrow. | |
| Time (far) | The highest level reached in the hypothetical ques- | Midline questionnaire. |
| | tion asking for individual i to select between a pay- | |
| | off in 5 months from now and increasing amounts | |
| | of payoff in 6 months. | |
| | | |
| No business | A dummy variable for if individual i prefers that | Incentivized questions administered |
| | the female respondent not set up a business. | at endline. |
| Business at home | A dummy variable for if individual i prefers that | Incentivized questions administered |
| | the female respondent set up a business that can | at endline. |
| | be operated from the home. | |
| Business outside | A dummy variable for if individual i prefers that | incentivized questions administered |
| home | the female respondent set up a business that is op- | at endline. |
| | erated from outside the home (in nearby neighbor- | |
| | hood or city). | |
| Wants advice from | A dummy variable for if individual <i>i</i> demands ad- | incentivized questions administered |
| male relative | vice from main male decision maker in the house- | at endline. |
| | hold. | |
| Wants advice from | A dummy variable for if individual i demands ad- | incentivized questions administered |
| expert | vice from an expert. | at endline. |
| Willing to pay for | A dummy variable for if individual i is willing to | incentivized questions administered |
| advice from male | pay a positive cost for advice from main male de- | at endline. |
| relative | cision maker in the household. | |

| Willing to pay for | A dummy variable for if individual i is willing to | incentivized questions administered | |
|--|--|-------------------------------------|--|
| advice from expert | pay a positive cost for advice from an expert. | at endline. | |
| | | | |
| BranchDummy $_j$ Dummy variables for each branch j included in the | | Individual contract offers (ID con- | |
| | intervention. | trol section). | |
| ID _i | Individual ID. | Baseline questionnaire (ID control | |
| | | section) | |

OA.2 Attrition

| | Attrited sample | | | Non-attrited sample | | | |
|--------------------------------------|-----------------|-------------|----------|---------------------|---------|---------|--|
| | (1) | (1) (2) (3) | | (4) (5) | | (6) | |
| | Control | Treated | T-test | Control | Treated | T-test | |
| Variable | Mean/SE | Mean/SE | (1)-(2) | Mean/SE | Mean/SE | (5)-(6) | |
| Age (years) | 37.847 | 34.603 | 0.013** | 37.070 | 37.235 | 0.834 | |
| | [0.822] | [1.006] | | [0.552] | [0.560] | | |
| Dummy: Respondent is married | 0.911 | 0.839 | 0.087* | 0.868 | 0.854 | 0.615 | |
| | [0.023] | [0.035] | | [0.020] | [0.020] | | |
| Dummy: Respondent can read and write | 0.465 | 0.643 | 0.004*** | 0.517 | 0.515 | 0.974 | |
| | [0.040] | [0.045] | | [0.029] | [0.028] | | |
| Number of children (years < 5) | 0.522 | 0.491 | 0.776 | 0.487 | 0.476 | 0.865 | |
| in the household | [0.069] | [0.085] | | [0.048] | [0.045] | | |
| Dummy: Respondent has a business | 0.191 | 0.241 | 0.331 | 0.192 | 0.159 | 0.270 | |
| | [0.031] | [0.041] | | [0.023] | [0.020] | | |
| Dummy: Respondent has had a business | 0.178 | 0.223 | 0.370 | 0.245 | 0.220 | 0.450 | |

Table OA.2: Descrtiptive statistics of attrited and non-attrited sample

Continued on next page

Table OA.2 – continued from previous page

| | Attrited sample | | | Non-attrited sample | | | |
|--------------------------------------|-----------------|-----------|---------|---------------------|-----------|---------|--|
| | (1) | (2) | (3) | (4) | (5) | (6) | |
| | Control | Treated | T-test | Control | Treated | T-test | |
| Variable | Mean/SE | Mean/SE | (1)-(2) | Mean/SE | Mean/SE | (5)-(6) | |
| in the past | [0.031] | [0.040] | | [0.025] | [0.023] | | |
| Dummy: Household has existing | 0.242 | 0.259 | 0.754 | 0.219 | 0.210 | 0.803 | |
| business | [0.034] | [0.042] | | [0.024] | [0.023] | | |
| Dummy: Respondent is confident | 0.783 | 0.786 | 0.964 | 0.821 | 0.811 | 0.741 | |
| she can support hh for 4 weeks | [0.033] | [0.039] | | [0.022] | [0.022] | | |
| Index: Respondent makes decisions in | -0.341 | -0.472 | 0.671 | 0.249 | 0.095 | 0.354 | |
| the household herself | [0.197] | [0.238] | | [0.115] | [0.120] | | |
| Dummy: Respondent is not allowed by | 0.025 | 0.036 | 0.637 | 0.013 | 0.015 | 0.833 | |
| the household to seek employment | [0.013] | [0.018] | | [0.007] | [0.007] | | |
| Household expenditure in an average | 13164.904 | 12292.857 | 0.132 | 13458.795 | 12811.790 | 0.109 | |
| month (PKR) | [380.893] | [432.986] | | [282.003] | [287.582] | | |
| Dummy: household home is owned by | 0.720 | 0.786 | 0.214 | 0.781 | 0.808 | 0.413 | |
| a household member | [0.036] | [0.039] | | [0.024] | [0.022] | | |
| Index: Assets owned by the household | -0.195 | -0.040 | 0.509 | 0.108 | 0.007 | 0.449 | |

Continued on next page

Table OA.2 – continued from previous page

| | I | Attrited samp | Attrited sample Non-attrited | | | sample | |
|--|---------|---------------|------------------------------|---------|---------|--------|--|
| | (1) | (2) | (3) | (4) | (5) | (6 | |
| | Control | Treated | T-test | Control | Treated | T-t | |
| Variable | Mean/SE | Mean/SE | (1)-(2) | Mean/SE | Mean/SE | (5) | |
| | [0.145] | [0.183] | | [0.097] | [0.091] | | |
| Dummy: Household has loans | 0.006 | 0.018 | 0.415 | 0.023 | 0.030 | 0.5 | |
| | [0.006] | [0.013] | | [0.009] | [0.010] | | |
| Dummy: Household member(s) have | 0.032 | 0.027 | 0.808 | 0.023 | 0.018 | 0.6 | |
| a bank account | [0.014] | [0.015] | | [0.009] | [0.007] | | |
| Ν | 157 | 112 | | 302 | 328 | | |
| F-test of joint significance (p-value) | | | 0.024** | | | 0.9 | |
| F-test, number of observations | | | 269 | | | 6 | |
| Proportion treated | | 41.64% | | | 52.06% | | |

Continued on next page

Table OA.2 – continued from previous page

| | Attrited sample | | | No | n-attrited sam | nple |
|----------|-----------------|---------|---------|---------|----------------|---------|
| | (1) | (1) (2) | | (4) | (5) | (6) |
| | Control | Treated | T-test | Control | Treated | T-test |
| Variable | Mean/SE | Mean/SE | (1)-(2) | Mean/SE | Mean/SE | (5)-(6) |

Note: Columns (1), (2) show the mean value of the variable in the row for control, treatment in the attrited sample, respectively. Columns (4), (5) show the mean value of the variable in the row for control, treatment in the non-attrited sample, respectively. There are 31 missing values in individual household expenditure items, replaced as 0 to calculate total expenditure in each sample household. The value displayed for t-tests in column (3) are p-values between columns (1) and (2). The value displayed for t-tests in column (6) are p-values between columns (4) and (5). 'F-test of joint significance (p-value)' reports the p-value of F-statistic from is a test of joint significance of all variables. Robust standard errors in squared brackets. * * * p < 0.01, * * p < 0.05, * p < 0.1.

OA.3 Impact of treatment on business creation

| | Business exists (1) | Shut down business (2) | Set up business (3) |
|---------|---------------------------|------------------------------|---------------------------|
| Treated | 0.047 | 0.075 (0.025)*** | 0.122 (0.047)*** |
| Mean | 0.083 | 0.043 | 0.126 |
| Ν | 630.000 | 630.000 | 630.000 |

Table OA.3: Impact of treatment on enterprise creation and survival over one year.

Note: All are simple difference regressions from baseline to midline (1 year later) using the **?** PDSLasso approach and include branch fixed effects with errors clustered at the branch level. 'Business exists' is a binary variable equal to 1 if the respondent set up a new business since baseline that is still operating one (two) year(s) later at the time of first (second) followup. 'Shuts down business' is a binary variable equal to 1 if the respondent shut down a new business that was set up after baseline. 'Set up business' is a binary variable equal to 1 if the respondent set up a new business since baseline irrespective of whether it is still operating or not. 'Treated' refers to the average intent to treat effect on change in outcome variables between baseline and midline (one year later). 'Mean' is the average change over the same time period for the control sample. 'N' refers to the final sample size.

* * *p < 0.01, * *p < 0.05, *p < 0.1. Adjusting critical values following the approach by Benjamini and Hochberg, 1995: ^{AAA}Significance at 1% level, ^{AA}Significance at 5% level, ^ASignificance at 10% level.

| | Business | Shut down | Set up |
|---------|----------|-----------------|-----------------|
| | exists | business | business |
| | (1) | (2) | (3) |
| Treated | 0.011 | 0.142 | 0.153 |
| | (0.012) | $(0.047)^{***}$ | $(0.049)^{***}$ |
| Mean | 0.056 | 0.113 | 0.169 |
| Ν | 630.000 | 630.000 | 630.000 |

Table OA.4: Impact of treatment on enterprise creation and survival over two years.

Note: All regressions are simple difference regressions from baseline to endline (2 years later) using the ? PDSLasso approach and include branch fixed effects with errors clustered at the branch level. 'Business exists' is a binary variable equal to 1 if the respondent set up a new business since baseline that is still operating one (two) year(s) later at the time of first (second) followup. 'Shuts down business' is a binary variable equal to 1 if the respondent shut down a new business that was set up after baseline. 'Set up business' is a binary variable equal to 1 if the respondent set up a new business since baseline irrespective of whether it is still operating or not. 'Treatment' refers to the average intent to treat effect on change in outcome variables between baseline and endline (two years later). 'Mean' is the average change over the same time period for the control sample. 'N' refers to the final sample size. **p < 0.01, **p < 0.05, *p < 0.1. Adjusting critical values following the approach by Benjamini and Hochberg, 1995: ^{AAA}Significance at 1% level, ^{AA}Significance at 5% level, ^ASignificance at 10% level.

OA.3.1 Lee (2009) bounds on treatment effects on enterprise

| | | 1 year | | | 2 year | |
|---------------|------------|------------|------------|----------|------------|------------|
| | Business | Shuts down | Set up | Business | Shuts down | Set up |
| | exists | business | business | exists | business | business |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| Treated | 0.062 | 0.038 | 0.100 | 0.001 | 0.178 | 0.179 |
| | (0.019)*** | (0.023)* | (0.028)*** | (0.019) | (0.023)*** | (0.028)*** |
| Lower bound | -0.059 | -0.022 | 0.017 | -0.018 | 0.118 | 0.134 |
| | (0.029)** | (0.027) | (0.05) | (0.029) | (0.037)*** | (0.036)*** |
| Upper bound | 0.064 | 0.087 | 0.151 | 0.016 | 0.152 | 0.168 |
| | (0.027)** | (0.022)*** | (0.033)*** | -0.021 | (0.031)*** | (0.036)*** |
| Selected obs. | 630 | 630 | 630 | 630 | 630 | 630 |
| No. of obs. | 899 | 899 | 899 | 899 | 899 | 899 |

Table OA.5: Lee (2009) bounds for treatment effect on enterprise creation and survival

Note: 'Treatment' refers to the coefficient on Intention to Treat variable in a simple regression of treatment status on the output variable listed in the column (without including variables that are significantly related to attrition). The lower and upper bounds refer to the treatment effect bounds constructed using the ? procedure.

***p < 0.01, **p < 0.05, *p < 0.1.

OA.3.2 Treatment impact on other outcomes

| | N.C. (1.1 | M 411 | A (| A (| T () | T () |
|----------------------------|------------|------------|------------|------------|---------------------------|----------------------|
| | Monthly | Monthly | Asset | Asset | Loans(s) | Loans(s) |
| | exp (PKR) | exp (PKR) | index | index | last year | last year |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| Treated _(1year) | 90.223 | 98.226 | 0.016 | 0.008 | 0.1990.202 ^{AAA} | 0.202 ^{AAA} |
| | (702.455) | (732.903) | (0.153) | (0.148) | (0.058)*** | (0.060)*** |
| | [1516.875] | [1516.875] | [0.360] | [0.360] | [0.105] | [0.105] |
| $Treated_{(2years)}$ | -404.400 | -409.788 | -0.126 | -0.137 | 0.016 | 0.013 |
| | (805.325) | (854.604) | (0.156) | (0.149) | (0.021) | (0.024) |
| | [2070.535] | [2070.535] | [0.441] | [0.441] | [0.083] | [0.083] |
| Monthly | 0.229 | 0.158 | | | | |
| $expenditure_{t=0}$ | (0.079)*** | (0.073)** | | | | |
| Asset index $_{t=0}$ | | | 0.118 | 0.115 | | |
| | | | (0.037)*** | (0.028)*** | | |
| Loans(s) | | | | | 0.130 | 0.121 |
| last year $_{t=0}$ | | | | | (0.079) | (0.078) |
| Mean _(1years) | 17966.481 | 17966.481 | 0.041 | 0.041 | 0.248 | 0.248 |
| Mean _(2years) | 17613.302 | 17613.302 | 0.103 | 0.103 | 0.182 | 0.182 |
| Ν | 1216 | 1216 | 1260 | 1260 | 1216 | 1216 |
| Attrition | IPW | PDS | IPW | PDS | IPW | PDS |
| controls | | Lasso | | Lasso | | Lasso |

Table OA.6: Treatment impact: Households assets, expenditure and new loans

Note: All regressions include branch fixed effects with errors clustered at the branch level. 'Monthly expenditure' is calculated by summing up the average monthly household expenditure on different items, reported in PKR. 'Asset index' is an index created from the number of assets owned by the household using Principal Component Analysis. 'Loan(s) last year' is a binary variable equal to 1 if someone in the household took out a loan (other than the treatment loan) in the last year. Treated_{t=1} and Treated_{t=2} refer to the average intent to treat effect on the outcome one and two years after treatment was first disbursed, respectively. Ex post minimum detectable effect (MDE) size at a significance level of 0.05 and power of 80 percent are shown in square brackets. 'Mean' reports the average value for the control sample over time. 'N' refers to the final sample size.</sub>

**p < 0.01, **p < 0.05, *p < 0.1. Adjusting critical values following the approach by Benjamini and Hochberg, 1995: ^{AAA}Significance at 1% level, ^{AA}Significance at 5% level, ^ASignificance at 10% level.

| | Conf. | Conf. | Emp. | Emp. | Agency | Agency |
|-----------------------------|---------|---------|-------------|-------------|---------|---------|
| | | | index | index | index | index |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| Treated _(1year) | -0.029 | -0.028 | 0.156 | 0.165 | 0.012 | 0.020 |
| | (0.045) | (0.047) | (0.135) | (0.126) | (0.088) | (0.086) |
| | [0.112] | [0.112] | [0.472] | [0.472] | [0.212] | [0.212] |
| | | | | | | |
| $Treated_{(2years)}$ | 0.031 | 0.029 | -0.046 | -0.004 | 0.021 | 0.032 |
| | (0.054) | (0.057) | (0.215) | (0.222) | (0.102) | (0.110) |
| | [0.110] | [0.110] | [0.559] | [0.559] | [0.257] | [0.257] |
| | | | | | | |
| $\operatorname{Conf}_{t=0}$ | -0.014 | -0.029 | | | | |
| | (0.042) | (0.043) | | | | |
| T. | | | 0.071 | 0.064 | | |
| Emp. | | | 0.071 | 0.064 | | |
| $index_{t=0}$ | | | $(0.037)^*$ | $(0.037)^*$ | | |
| Agency | | | | | 0.007 | -0.000 |
| index | | | | | (0.007) | (0.026) |
| $\max_{t=0}$ | | | | | (0.044) | (0.030) |
| Mean(1acom) | 0.455 | 0.455 | 0.030 | 0.030 | -0.270 | -0.270 |
| Mean _(2years) | 0.530 | 0.530 | 0.045 | 0.045 | -0.159 | -0.159 |
| N (2years) | 1216 | 1216 | 1260 | 1260 | 1216 | 1216 |
| Attrition | IPW | PDS | IPW | PDS | IPW | PDS |
| controls | | Lasso | | Lasso | | Lasso |

Table OA.7: Treatment impact: female agency and autonomy in decision making

Note: All regressions include branch fixed effects with errors clustered at the branch level. 'Confident' is a binary variable equal to 1 if the respondent believes she can support her family on her own for 4 weeks. 'Empowerment index' is an index created using Principal Component Analysis from variables that measure if the respondent can make household decisions (clothing, footwear, medical, recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) on her own. 'Agency index' is an inverse variance-covariance index (?) created out of the Confident and Empowerment index variables. 'Mean' reports the average value for the control sample over time. 'N' refers to the final sample size.

***p < 0.01, **p < 0.05, *p < 0.1. Adjusting critical values following the approach by Benjamini and Hochberg, 1995: ^{AAA}Significance at 1% level, ^{AA}Significance at 5% level, ^ASignificance at 10% level.

OA.4 Correlates of preference for business and advice

| | | | | | and and and and a | , , | |
|---|-------------------------------|--------------|-----------------------------|-----------------------------|--------------------------|----------------------------------|-------------|
| Dependent variable: Business prefer | ence | | | | | | |
| (1) |) (| (2) | (3) | (4) | (5) | (9) | (2) |
| Panel A: Business Experience | | | | | | | |
| Business exists -0.6 | 543 | | | | | | |
| (0.5 | 02) | | | | | | |
| Set up business | Ŏ, | .521 | | | | | |
| 1 | 0) | 500) | | | | | |
| Business shut down | 1. | 197 | | | | | |
| | (0.5 | (57)** | | | | | |
| Panel B: Mechanisms | | | | | | | |
| Agency index | | I | 0.249 | | | | |
| | | J | 0.221) | | | | |
| Distance to city centre | | | | -0.027 | | | |
| | | |)) |).008)*** | | | |
| Has young children | | | | | 0.161 | | |
| | | | | | (0.331) | | |
| Lives in nuclear household | | | | | | -0.313 | |
| | | | | | | (0.354) | |
| Choice in risk | | | | | | | 0.074 |
| | | | | | | | (0.100) |
| N 29 | 3 2 | 93 | 293 | 293 | 293 | 293 | 126 |
| Note: Results are from an ordered logit reg | ression with | n dependen | t variable co | oded as busin | ess preferen | ce = 0 for do | ing nothin |
| 1 for business operations inside the nome; business experience. Panel B provides res | = 2 lot bus sults for con | rrelates wit | ue une nome th potential | . raneı A pr mechanisms. | ovides resul Business | ts for correta exists is a du | mmv varia |
| equal to 1 if the respondent set up a busine | ess since ba | seline that | exists at the | time of the | final follow- | up survey; S | et up busir |
| is dummy variable equal to 1 if the respon | dent set up | a business | since baseli | ine; Shut dow | on business | is a dummy | variable ec |
| to 1 if the respondent has shut down up a l | business tha | at was set s | since the bas | eline. Treate | d is a dumr | ny variable t | hat is equa |

Table OA.8: Correlates of preference for business - Treated sample only

g; = ring able l to ıess qual one if the female respondent belonged to the RCT treatment sample. Agency index is an index created for the female respondent recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) and feels confident in her ability to support the household (for 4 weeks) on her own. Has young children is a dummy variable equal to 1 if the female respondent has children aged 5 or less. Lives in nuclear household is a dummy variable equal to 1 if the female respondent belongs to a nuclear household (with no in-laws or extended family). Choice in risk is respondents choice in (?) tasks at midline - higher an index of her decision making power in the household; household assets; if the respondent ranked task profits correctly; and the values denoting lower levels of risk aversion. All regressions include controls for female respondent age, marital status, occupation, using Anderson (2008) from variables that measure if the respondent can make household decisions (clothing, footwear, medical, version of tasks administered at endline. * * * p < 0.01, * * p < 0.05, * p < 0.1.

| Dependent variable: Business | preference | | | | | | |
|--|-------------------|-------------------|-------------------|----------------------|---------------|----------------------|---------------|
| | (1) | (2) | (3) | (4) | (5) | (9) | (2) |
| ^D anel A: Business Experience | | | | | | | |
| Business exists | -0.756 (0.640) | | | | | | |
| set up business | | -0.757 (0.665) | | | | | |
| Business shut down | | 0.756 (0.593) | | | | | |
| ^D anel B: Mechanisms | | ~ | | | | | |
| Agency index | | | -0.068 (0.147) | | | | |
| Distance to city centre | | | ~ | -0.032 (0.008)*** | | | |
| Has young children | | | | | -0.278 | | |
| lives in nuclear household | | | | | | -0.242 | |
| Choice in risk | | | | | | (+(7,0)) | 0.173 |
| | | | | | | | (0.175) |
| 7 | 271 | 271 | 271 | 271 | 271 | 271 | 100 |
| Note: Results are from an ordered lo | ogit regression | n with depo | endent varial | ole coded as bu | isiness prefe | erence = 0 for 0 | doing nothing |

Table OA.9: Correlates of preference for business - Control sample only

business experience. Panel B provides results for correlates with potential mechanisms. Business exists is a dummy variable to 1 if the respondent has shut down up a business that was set since the baseline. Treated is a dummy variable that is equal to 1 for business operations inside the home; = 2 for business outside the home. Panel A provides results for correlates measuring one if the female respondent belonged to the RCT treatment sample. Agency index is an index created for the female respondent recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) and feels confident in her ability to support the household (for 4 weeks) on her own. Has young children is a dummy variable equal to 1 if the female respondent has children aged 5 or less. *Lives in nuclear household* is a dummy variable equal to 1 if the female respondent belongs to a nuclear household (with no in-laws or extended family). Choice in risk is respondents choice in (?) tasks at midline - higher equal to 1 if the respondent set up a business since baseline that exists at the time of the final follow-up survey; Set up business is dummy variable equal to 1 if the respondent set up a business since baseline; Shut down business is a dummy variable equal values denoting lower levels of risk aversion. All regressions include controls for female respondent age, marital status, occupation, an index of her decision making power in the household; household assets; if the respondent ranked task profits correctly; and the using Anderson (2008) from variables that measure if the respondent can make household decisions (clothing, footwear, medical, version of tasks administered at endline. * * * p < 0.01, * * p < 0.05, * p < 0.1.

| ce from ma | ıle, main de | ecision mak | cer in the h | nousehold | | |
|-----------------------------|---|---|---|--|--|---|
| (1) | (2) | (3) | (4) | (5) | (9) | (2) |
| | | | | | | |
| 0.151 | | | | | | |
| $(0.079)^{*}$ | | | | | | |
| | 0.188 | | | | | |
| | $(0.080)^{**}$ | | | | | |
| | -0.012 | | | | | |
| | (0.065) | | | | | |
| | | | | | | |
| | | -0.008 | | | | |
| | | (0.033) | | | | |
| | | | -0.002 | | | |
| | | | $(0.001)^{*}$ | | | |
| | | | | 0.006 | | |
| | | | | (0.030) | | |
| | | | | | 0.075 | |
| | | | | | (0.044) | |
| | | | | | | 0.021 |
| | | | | | | (0.024) |
| 303 | 303 | 303 | 303 | 303 | 303 | 131 |
| ssion with d | ependent vari | able coded 1 | if the respo | ondent is wi | lling to take | advice from |
| usenoiu. Fa tential mech | anisms <i>Busi</i> | 28 FESUILS 10F | correlates I | neasuring o riable eanal | usiness exper | ience. Fane spondent set |
| | (1) (1) 0.151 (0.079)* 303 sion with d sehold. Pa | (1) (2) (1) (2) (1) (2) 0.151 (0.079)* (0.079)* 0.188 (0.079)* 0.188 (0.079)* 0.188 (0.005) -0.012 (0.065) (0.065) 303 303 sion with dependent varial mechanisme Russing Russ | (1) (2) (3) (1) (2) (3) 0.151 $(0.079)^*$ $(0.188)^*$ $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.079)^*$ 0.188 $(0.008)^{**}$ $(0.079)^*$ $(0.188)^*$ $(0.008)^{**}$ $(0.079)^*$ $(0.080)^{**}$ $(0.008)^*$ $(0.012)^*$ $(0.005)^*$ $(0.008)^*$ $(0.012)^*$ $(0.008)^{**}$ $(0.008)^*$ $(0.012)^*$ $(0.008)^{**}$ $(0.008)^*$ 303 303 303 303 303 303 303 303 303 303 303 303 303 303 303 | (1) (2) (3) (4) (1) (2) (3) (4) 0.151 $(0.079)^*$ $(0.188)^*$ $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.070)^*$ (0.065) -0.008 $(0.002)^*$ (0.033) -0.002 (0.033) -0.002 $(0.001)^*$ 303 303 303 303 303 303 303 303 303 303 303 303 303 303 303 303 | (1) (2) (3) (4) (5) (1) (2) (3) (4) (5) 0.151 $0.079)^*$ 0.188 $(0.079)^*$ $(0.080)^{**}$ $(0.079)^*$ 0.188 $(0.080)^{**}$ -0.012 (0.065) (0.065) -0.008 -0.002 $(0.002)^*$ (0.065) -0.008 -0.002 $(0.001)^*$ 303 303 303 303 303 303 303 303 303 303 sion with dependent variable coded 1 if the respondent is will state order 1 if the respondent is will state order 1 if the respondent is will state order 1 order and answell of the order of the order of a diameter order of the or | (1) (2) (3) (4) (5) (6) (1) (2) (3) (4) (5) (6) 0.151 $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.080)^{**}$ $(0.079)^*$ 0.188 $(0.080)^{**}$ $(0.080)^{**}$ $(0.080)^{**}$ $(0.080)^*$ $(0.080)^*$ $(0.0012)^*$ $(0.002)^*$ $(0.002)^*$ (0.065) $(0.033)^*$ -0.002^* $(0.001)^*$ $(0.030)^*$ (0.033) -0.002^* $(0.001)^*$ $(0.030)^*$ $(0.044)^*$ 303 303 303 303 303 303 303 303 303 303 303 303 |

Table OA.10: Correlates of preference for advice from male relative - Treated sample only

[] B 4 weeks) on her own. Has young children is a dummy variable equal to 1 if the female respondent has children aged 5 or less. Lives in nuclear household is a dummy variable equal to 1 if the female respondent belongs to a nuclear household (with no in-laws or it up a business since baseline that exists at the time of the final follow-up survey; Set up business is dummy variable equal to 1 if the to the RCT treatment sample. Agency index is an index created for the female respondent using Anderson (2008) from variables that measure if the respondent can make household decisions (clothing, footwear, medical, recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) and feels confident in her ability to support the household (for All regressions include controls for female respondent age, marital status, occupation, an index of her decision making power in respondent set up a business since baseline; Shut down business is a dummy variable equal to 1 if the respondent has shut down up a business that was set since the baseline. Treated is a dummy variable that is equal to one if the female respondent belonged extended family). Choice in risk is respondents choice in (?) tasks at midline - higher values denoting lower levels of risk aversion. the household; household assets; if the respondent ranked task profits correctly; and the version of tasks administered at endline. provides results for correlates with potential mechanisms. Busine * * * p < 0.01, * * p < 0.05, * p < 0.1.Z Ξ

| | (U) | $\overline{\mathfrak{C}}$ | (3) | (4) | (2) | (9) | (\mathcal{L}) |
|------------------------------|---------|---------------------------|---------|---------|---------|---------|-----------------|
| Panel A: Business Experience | | Ĵ | | | | | |
| Business exists | -0.044 | | | | | | |
| | (0.088) | | | | | | |
| Business set up | ~ | -0.027 | | | | | |
| 4 | | (0.087) | | | | | |
| Business shut down | | 0.113 | | | | | |
| | | (0.108) | | | | | |
| Panel B: Mechanisms | | | | | | | |
| Agency index | | | -0.009 | | | | |
| | | | (0.016) | | | | |
| Distance to city centre | | | | -0.002 | | | |
| | | | | (0.002) | | | |
| Has young children | | | | | 0.006 | | |
| | | | | | (0.030) | | |
| Lives in nuclear household | | | | | | 0.006 | |
| | | | | | | (0.046) | |
| Choice in risk | | | | | | | 0.028 |
| | | | | | | | (0.032) |
| Z | 282 | 282 | 282 | 282 | 282 | 282 | 105 |

Table OA.11: Correlates of preference for advice from male relative - Control sample only

the al B 4 weeks) on her own. Has young children is a dummy variable equal to 1 if the female respondent has children aged 5 or less. Lives in nuclear household is a dummy variable equal to 1 if the female respondent belongs to a nuclear household (with no in-laws or provides results for correlates with potential mechanisms. Business exists is a dummy variable equal to 1 if the respondent set up a business since baseline that exists at the time of the final follow-up survey; Set up business is dummy variable equal to 1 if the respondent set up a business since baseline; Shut down business is a dummy variable equal to 1 if the respondent has shut down to the RCT treatment sample. Agency index is an index created for the female respondent using Anderson (2008) from variables that measure if the respondent can make household decisions (clothing, footwear, medical, recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) and feels confident in her ability to support the household (for All regressions include controls for female respondent age, marital status, occupation, an index of her decision making power in up a business that was set since the baseline. Treated is a dummy variable that is equal to one if the female respondent belonged extended family). Choice in risk is respondents choice in (?) tasks at midline - higher values denoting lower levels of risk aversion. the household; household assets; if the respondent ranked task profits correctly; and the version of tasks administered at endline. * * * p < 0.01, * * p < 0.05, * p < 0.1.male, main decision maker in une

| | | | | 4 | | 1 | |
|--|--|--|--|---|---|---|--|
| Dependent variable: Takes advi | ce from e) (1) | <i>xpert</i> (2) | (3) | (4) | (5) | (9) | (L) |
| Panel A: Business Experience | | | | | | | |
| Business exists | -0.103 (0.082) | | | | | | |
| Business started | | -0.102 (0.086) | | | | | |
| Business shut down | | 0.110 (0.103) | | | | | |
| Panel B: Mechanisms | | | | | | | |
| Agency index | | | 0.035 (0.033) | | | | |
| Distance to city centre | | | | 0.002 (0.001) | | | |
| Has young children | | | | | 0.007 (0.054) | | |
| Lives in nuclear household | | | | | , | -0.015 (0.063) | |
| Choice in risk | | | | | | | -0.022 |
| | | | | | | | (660.0) |
| \mathbf{N} | 303 0.059 | 303 0.058 | 303 0.055 | 303 0.056 | 303 0.057 | 303 0.055 | 131 0.085 |
| Note: Results are from an OLS regre expert Panel A provides results for con | ssion with e | dependent v | variable cod | ed 1 if the | respondent | is willing to ta | unce from the elates with notential |
| mechanisms. Business exists is a dun | nmy variabl | le equal to | 1 if the resp | ondent set | up a busines | ss since baseli | ne that exists at the |
| time of the final follow-up survey; Set Shut down business is a dummy varial | <i>up business</i> ble equal to | s is dummy 1 if the res | variable equipondent has | aal to 1 if th shut down | e responden up a busine | tt set up a busi ss that was sei | ness since baseline; t since the baseline. |
| <i>Treated</i> is a dummy variable that is e- is an index created for the female res | qual to one spondent us | if the fema sing Anders | le responde on (2008) f | nt belonged rom variab | to the RCI tes that mea | treatment sar the reasure if the reasure | nple. A <i>gency index</i> spondent can make |
| household decisions (clothing, footwe others, marriage, investment) and fee <i>children</i> is a dummy variable equal to variable equal to 1 if the female respon | ar, medical, ls confident 1 if the fema ndent belon | , recreation, t in her abil ale responde gs to a nucl | , social visit ity to suppo ant has child ear househo | s, joining c ort the hous ren aged 5 c | redit groups ehold (for 4 or less. <i>Lives</i> in-laws or e | , purchases for + weeks) on he in nuclear hor xtended family | r self, purchases for er own. <i>Has young</i> <i>usehold</i> is a dummy v). <i>Choice in risk</i> is |
| respondents choice in (?) tasks at mic for female respondent age, marital stat the respondent ranked task profits corr | lline - highe us, occupati ectly; and th | er values de ion, an inde ie version o | noting lowe x of her dec f tasks admi | r levels of r ision makin nistered at e | isk aversion g power in t ndline. *** | . All regressic he household; $p < 0.01, **_{j}$ | no include controls household assets; if p < 0.05, *p < 0.1. |

Table OA.12: Correlates of preference for advice from expert - Treatment sample only

| | | CIICO 101 444 | | o modeo | me to mito | | |
|---|-------------------------------------|------------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------------|--------------------------------------|
| Dependent variable: Takes advi | <i>ice from exp</i> (1) | <i>ert</i> (2) | (3) | (4) | (2) | (9) | |
| Panel A: Business Experience Business exists | -0.256 | | | | | | |
| Business set up | (0.096)** | -0.241 | | | | | |
| Business shut down | | $(0.099)^{**}$ 0.317 | | | | | |
| Panel B: Mechanisms | | (0.099)*** | | | | | |
| Agency index | | | -0.027 | | | | |
| Distance to city centre | | | | 0.002 (0.001) | | | |
| Has young children | | | | | -0.030 | | |
| Lives in nuclear household | | | | | | -0.044 | |
| | | | | | | (0.054) | |
| Choice in risk | | | | | | | -0.027 (0.028) |
| Z | 282 | 282 | 282 | 282 | 282 | 282 | 105 |
| \mathbb{R}^2 | 0.077 | 0.078 | 0.076 | 0.076 | 0.085 | 0.079 | 0.135 |
| Note: Results are from an OLS regreexpert. Panel A provides results for cc | ession with de prrelates measu | pendent variab tring business e | le coded 1 experience. | if the respo Panel B pro | ndent is wil vides result | lling to take a s for correlate | advice from the ss with potential |
| mechanisms. Business exists is a dui time of the final follow-up survey; Set | mmy variable of the two pusiness is | equal to 1 II tr dummy varial | he responder ble equal to | 1 if the rest | ousiness sin | ice baseline t up a business | nat exists at the since baseline; |
| Shut down business is a dummy varia Treated is a dummy variable that is e | able equal to 1 equal to one if | if the responde the female res | ent has shut spondent bel | down up a onged to th | business the | at was set sin tment sample | ce the baseline. |
| is an index created for the female re household decisions (clothing, footwe | sspondent usin ear, medical, re | g Anderson (2 ecreation, socia | 2008) from al visits, joii | variables th | at measure groups, pure | if the respor chases for sel | ndent can make f, purchases for |
| others, marriage, investment) and fee | els confident ir 1 if the female | n her ability to respondent ha | support the schildren as | e household red 5 or less | I (for 4 wee | ks) on her ov uclear househ | wn. Has young |
| variable equal to 1 if the female respo | undent belongs | to a nuclear he | ousehold (w | ith no in-lav | vs or extend | led family). (| Choice in risk is |
| respondents choice in (?) tasks at miv for female respondent age. marital stat | dline - higher | values denoting . an index of h | g lower leve er decision | ls of risk av making pow | ersion. All er in the ho | regressions i usehold: hou | nclude controls sehold assets: if |
| the respondent ranked task profits corr | rectly; and the | version of task | s administer | ed at endlin | e. *** <i>p</i> < | 0.01, **p < | 0.05, *p < 0.1. |

Table OA.13: Correlates of preference for advice from expert - Control sample only

| | (1) | (2) | (3) |
|----------------------------|------------|---------------|-------------|
| | (1) D : | (2) | (5) |
| | Business | Takes ac | lvice from: |
| | preference | Male relative | Expert |
| Agency index | -0.134 | -0.024 | 0.060 |
| | (0.239) | (0.037) | (0.036) |
| Distance to city centre | -0.030 | 0.001 | 0.001 |
| | (0.006)*** | (0.002) | (0.001) |
| Has young children | -0.029 | 0.057 | 0.022 |
| | (0.409) | (0.047) | (0.069) |
| Lives in nuclear household | -0.160 | 0.036 | 0.074 |
| | (0.287) | (0.044) | (0.060) |
| Choice in risk | 0.131 | 0.025 | -0.025 |
| | (0.085) | (0.021) | (0.023) |
| N | 226 | 236 | 236 |

Table OA.14: Correlates of preference for business location and advice

Note: Results are from an ordered logit regression with dependent variable coded as business preference = 0 for doing nothing; = 1 for business operations inside the home; = 2 for business outside the home. Results from an OLS regression with dependent variable coded 1 if the respondent is willing to take advice from the husband is shown in column 2; and from the expert is in column 3. Agency index is an index created for the female respondent using Anderson (2008) from variables that measure if the respondent can make household decisions (clothing, footwear, medical, recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) and feels confident in her ability to support the household (for 4 weeks) on her own. Has young children is a dummy variable equal to 1 if the female respondent has children aged 5 or less. Lives in nuclear household is a dummy variable equal to 1 if the female respondent belongs to a nuclear household (with no in-laws or extended family). Choice in risk is respondents choice in (?) tasks at midline - higher values denoting lower levels of risk aversion. All regressions include controls for female respondent age, marital status, occupation, an index of her decision making power in the household; household assets; if the respondent ranked task profits correctly; and the version of tasks administered at endline. **p < 0.01, **p < 0.05, *p < 0.1.

| | (1) | (2) | (3) |
|-------------------------|-----------------|---------------|----------------|
| | Business | Take | s advice from: |
| | preference | Male relative | Expert |
| Agency index | -0.164 | -0.013 | 0.007 |
| | (0.132) | (0.018) | (0.024) |
| Distance to city centre | -0.027 | -0.002 | 0.002 |
| | $(0.005)^{***}$ | (0.001) | (0.001)* |
| Has young children | -0.130 | 0.045 | -0.005 |
| | (0.243) | (0.023)* | (0.055) |
| Lives in nuclear family | -0.212 | 0.046 | -0.027 |
| | (0.156) | $(0.022)^{*}$ | (0.054) |
| N | 564 | 585 | 585 |

Table OA.15: Correlates of preference for business location and advice, excluding risk preferences

Note: Results are from an ordered logit regression with dependent variable coded as business preference = 0 for doing nothing; = 1 for business operations inside the home; = 2 for business outside the home. Results from an OLS regression with dependent variable coded 1 if the respondent is willing to take advice from the husband is shown in column 2; and from the expert is in column 3. *Agency index* is an index created for the female respondent using Anderson (2008) from variables that measure if the respondent can make household decisions (clothing, footwear, medical, recreation, social visits, joining credit groups, purchases for self, purchases for others, marriage, investment) and feels confident in her ability to support the household (for 4 weeks) on her own. *Has young children* is a dummy variable equal to 1 if the female respondent belongs to a nuclear household (with no in-laws or extended family). ***p < 0.01, ** p < 0.05, *p < 0.1.

| | No | Business | Business | Equality (p) |
|---|----------|----------|----------|--------------|
| | Business | at home | outside | |
| | (1) | (2) | (3) | (4) |
| Age (years) | 37.99 | 37.03 | 37.01 | 0.783 |
| Dummy: Married | 0.86 | 0.89 | 0.81 | 0.026** |
| Dummy: Can read and write | 0.55 | 0.52 | 0.50 | 0.869 |
| Dummy: Household head | 0.45 | 0.42 | 0.40 | 0.790 |
| Dummy: Spouse of household head | 0.40 | 0.43 | 0.44 | 0.850 |
| Number of children in household | 2.62 | 2.87 | 2.51 | 0.288 |
| Dummy: Housewife | 0.26 | 0.30 | 0.28 | 0.758 |
| Dummy: Self employed | 0.18 | 0.19 | 0.14 | 0.505 |
| Dummy: Had a business in the past | 0.25 | 0.25 | 0.17 | 0.079* |
| Dummy: Can support household for 4 weeks | 0.84 | 0.81 | 0.83 | 0.756 |
| Index: Makes household decisions | 0.46 | 0.15 | -0.18 | 0.257 |
| Dummy: Not allowed to work | 0.01 | 0.00 | 0.04 | 0.280 |
| Dummy: Household has a business | 0.25 | 0.22 | 0.23 | 0.775 |
| Dummy: Mother has/had a business | 0.05 | 0.17 | 0.21 | 0.016** |
| Avg monthly household expenditure | 12052.05 | 13260.80 | 12644.59 | 0.308 |
| Missing household expenditure | 0.11 | 0.03 | 0.06 | 0.189 |
| Dummy: Household owns home | 0.71 | 0.82 | 0.78 | 0.088* |
| Index: Household assets | 0.00 | 0.11 | 0.08 | 0.938 |
| Dummy: Household has outstanding loan(s) | 0.04 | 0.03 | 0.02 | 0.566 |
| Dummy: Household has bank account(s) | 0.00 | 0.03 | 0.02 | 0.075* |
| Numeracy score (out of 3) | 1.79 | 1.64 | 1.88 | 0.240 |
| Digit span test score | 2.22 | 2.16 | 2.25 | 0.727 |
| Risk measure (lower is more averse) | 2.88 | 3.04 | 3.12 | 0.644 |
| Patience measure (higher is more patient) | 3.84 | 3.37 | 3.51 | 0.243 |

| | Table OA.16: Correlate | (means |) of individual | characteristics | and business | preferences |
|--|------------------------|--------|-----------------|-----------------|--------------|-------------|
|--|------------------------|--------|-----------------|-----------------|--------------|-------------|

| Patience measure in far frame | 3.74 | 3.13 | 3.19 | 0.045** |
|-------------------------------|------|------|------|---------|
| Dummy: Present bias | 0.16 | 0.15 | 0.14 | 0.923 |
| Dummy: Future bias | 0.25 | 0.31 | 0.32 | 0.394 |
| N | 73 | 372 | 119 | |

Note: All the calculations in this Table are based on an OLS regression of respondent characteristic on preferences for business location. Risk and time preferences are derived from unincentivized question asked at endline. Standard errors clustered at the branch level. Equality test refer to coefficient equality across columns (1), (2) and (3).

Note: * * * p < 0.01, * * p < 0.05, * p < 0.1.

| | Wants | Does not | Equality (p) |
|---|----------|-------------|--------------|
| | advice | want advice | |
| | (1) | (2) | (3) |
| Age (years) | 37.25 | 36.71 | 0.584 |
| Dummy: Married | 0.89 | 0.78 | 0.004*** |
| Dummy: Can read and write | 0.48 | 0.66 | 0.008*** |
| Dummy: Household head | 0.43 | 0.40 | 0.619 |
| Dummy: Spouse of household head | 0.45 | 0.35 | 0.141 |
| Number of children in household | 2.80 | 2.59 | 0.491 |
| Dummy: Housewife | 0.28 | 0.31 | 0.676 |
| Dummy: Self employed | 0.18 | 0.20 | 0.763 |
| Dummy: Had a business in the past | 0.22 | 0.28 | 0.397 |
| Dummy: Can support household for 4 weeks | 0.81 | 0.83 | 0.786 |
| Index: Makes household decisions | 0.08 | 0.29 | 0.508 |
| Dummy: Not allowed to work | 0.01 | 0.04 | 0.200 |
| Dummy: Household has a business | 0.24 | 0.15 | 0.024** |
| Dummy: Mother has/had a business | 0.17 | 0.12 | 0.398 |
| Avg monthly household expenditure | 12875.15 | 13402.89 | 0.389 |
| Missing household expenditure | 0.05 | 0.04 | 0.718 |
| Dummy: Household owns home | 0.81 | 0.75 | 0.476 |
| Index: Household assets | -0.02 | 0.53 | 0.015** |
| Dummy: Household has outstanding loan(s) | 0.03 | 0.04 | 0.537 |
| Dummy: Household has bank account(s) | 0.02 | 0.05 | 0.208 |
| Numeracy score (out of 3) | 1.55 | 2.40 | 0.000*** |
| Digit span test score | 2.10 | 2.55 | 0.001*** |
| Risk measure (lower is more averse) | 2.99 | 3.25 | 0.119 |
| Patience measure (higher is more patient) | 3.37 | 3.85 | 0.028** |

Table OA.17: Correlate (means) of individual characteristics and demand for male relatives' advice

| Patience measure in far frame | 3.12 | 3.69 | 0.027** |
|-------------------------------|------|------|---------|
| Dummy: Present bias | 0.14 | 0.20 | 0.173 |
| Dummy: Future bias | 0.29 | 0.34 | 0.179 |
| Ν | 458 | 106 | |

Note: All the calculations in this Table are based on an OLS regression of respondent characteristic on positive demand for advice from the male, main decision maker in the household. Risk and time preferences are derived from unincentivized question asked at midline. Standard errors clustered at the branch level. Equality test refer to coefficient equality across columns (1) and (2).

Note: * * * p < 0.01, * * p < 0.05, * p < 0.1.

| | Wants | Does not | Equality (p) |
|---|----------|-------------|--------------|
| | advice | want advice | |
| | (1) | (2) | (3) |
| Age (years) | 37.34 | 36.80 | 0.564 |
| Dummy: Married | 0.87 | 0.88 | 0.756 |
| Dummy: Can read and write | 0.50 | 0.54 | 0.332 |
| Dummy: Household head | 0.42 | 0.41 | 0.832 |
| Dummy: Spouse of household head | 0.43 | 0.42 | 0.859 |
| Number of children in household | 2.80 | 2.68 | 0.536 |
| Dummy: Housewife | 0.27 | 0.31 | 0.467 |
| Dummy: Self employed | 0.19 | 0.16 | 0.488 |
| Dummy: Had a business in the past | 0.24 | 0.22 | 0.530 |
| Dummy: Can support household for 4 weeks | 0.81 | 0.84 | 0.427 |
| Index: Makes household decisions | 0.20 | -0.03 | 0.425 |
| Dummy: Not allowed to work | 0.02 | 0.00 | 0.163 |
| Dummy: Household has a business | 0.23 | 0.21 | 0.625 |
| Dummy: Mother has/had a business | 0.16 | 0.17 | 0.699 |
| Avg monthly household expenditure | 13055.11 | 12828.44 | 0.439 |
| Missing household expenditure | 0.05 | 0.04 | 0.889 |
| Dummy: Household owns home | 0.82 | 0.75 | 0.128 |
| Index: Household assets | 0.08 | 0.10 | 0.859 |
| Dummy: Household has outstanding loan(s) | 0.03 | 0.02 | 0.450 |
| Dummy: Household has bank account(s) | 0.02 | 0.02 | 0.454 |
| Numeracy score (out of 3) | 1.53 | 2.04 | 0.001*** |
| Digit span test score | 2.17 | 2.23 | 0.380 |
| Risk measure (lower is more averse) | 2.92 | 3.24 | 0.078* |
| Patience measure (higher is more patient) | 3.49 | 3.40 | 0.733 |

Table OA.18: Correlate (means) of individual characteristics and demand for experts' advice

| Patience measure in far frame | 3.21 | 3.24 | 0.875 |
|-------------------------------|------|------|-------|
| Dummy: Present bias | 0.14 | 0.17 | 0.206 |
| Dummy: Future bias | 0.32 | 0.27 | 0.312 |
| Ν | 363 | 201 | |

Note: All the calculations in this Table are based on an OLS regression of respondent characteristic on positive demand for advice from the male, main decision maker in the household. Risk and time preferences are derived from unincentivized question asked at midline. Standard errors clustered at the branch level. Equality test refer to coefficient equality across columns (1) and (2).

Note: * * * p < 0.01, * * p < 0.05, * p < 0.1.

OA.5 Experiment script

Thank you for answering our survey and being a part of our research. Before we start with a small exercise, we would like to give you Rs. 300 as a compensation for your time in participating in this survey. These Rs. 300 are not a part of the activity and are yours to keep.

I would like to have brief conversation with your husband/male relative regarding our research. Can you please call him and give us 5 minutes alone in this room?

[Enumerator: If husband is available and willing to talk to us, proceed with the next questionnaire form. If husband not available, ask if it is possible to call him and agree with him on a time to visit again. If husband not available to talk on the phone, agree with the wife on a time to visit the household again when the husband will be present. If the husband is unwilling to talk to us, please record 77.

[Enumerator: If the respondent is unmarried or her husband does not live with her/is not a part of the household roster, then ask for the male household head. If household head is a female, then ask for the main male adult (18 or above) decision maker in the household. Step 1 is then to be administered to this male individual.]

If there is no husband and/or an adult male household member in the household then record 77.

Step 1: Male respondent Enumerator: [Communicate the following with the male respondent]

I will now ask you a few questions. Your answers in these questions can help you earn up to Rs. 100 so please answer carefully and honestly. Please ask for clarification if you do not understand any question. Your answers will remain completely confidential and not revealed with your name outside this house. None of the responses here will be recorded with your name.

[Enumerator: Please make sure that the female respondent cannot hear what you are saying to the male household member]

Step 1: with male husband/main male decision maker Record Name. Record Relationship with main female respondent.

- 1. There are 3 business opportunities: Version I:
 - Business A which is to be done at home and yields Rs.5,000 in sales every month and running cost is Rs. 2,000
 - 2. Business B which is to be done by going to the nearby market and yields Rs. 10,000 every month and running cost is Rs. 6,000
 - 3. Business C which is to be done by going to the big city to work with a big distributor and yields Rs. 16,000 every month and running cost is Rs. 10,000

Version II:

- Business A which is to be done at home and yields Rs.5,000 in sales every month and running cost is Rs. 1,000
- 2. Business B which is to be done by going to the nearby market and yields Rs. 10,000 every month and running cost is Rs. 7,000
- 3. Business C which is to be done by going to the big city to work with a big distributor and yields Rs. 16,000 every month and running cost is Rs. 14,000.

Rank these in order of increasing profit levels. If you get the ranking correct you will get Rs.100. [Enumerator: please show the respondent the paper with the 3 options and record his response].

2. Imagine a situation where your wife has managed to obtain a loan so finance is not a constraint. Consider the same business options that I just gave you plus the option of 'doing nothing'. Of the 4 options, which would you choose for her?

Before I talk to your wife I would also like to ask you to answer a question. Please let us know of the two possible answers to the following question. Please note that the choices you make may be given as advice to your wife for the same question. If she gets the correct answer, she will earn up to Rs.200.

[Ask version 1/2/3/4 as randomised]

Version 1: Who has the highest wickets in one day cricket? A.Wasim Akram, B. Muttiah Muralithran, C. Shane Warne, D.Waqar Younis

Version 2: In medicine, which of these is usually denoted by 120/80 for an adult? A: Normal Pulse B: Normal Hearing C: Normal vision D: Normal Blood Pressure

Version 3: Starting from the junior most, arrange these ranks in the Pakistan Army in ascending order of seniority: 1. Lieutenant Colonel, 2. general, 3. Colonel, 4.Lieutenant General A.1243 B. 3421 C. 2431 D.1342

Version 4: Which of these cannot be the same for two different people? A. Skin Colour B. Fingerprints C. Blood Group D. Eye Colour.

Please also look at the following pattern. Here are a group of pictures that follow some order. Can you guess what the next picture in this sequence will be? You have the following options. Again, let us know which two shapes could complete the pattern. Please note that the choices you make may be given as advice to your wife for the completing the pattern. If she gets the correct answer, she will earn up to Rs.200.

[Show version 1/2/3/4 as randomised]

[If correct profit ranking] Thank you for your time. You won Rs. 100 from your answer to the first question that I will hand to you now.

I will now like to talk to (female respondent) again to complete the survey with her.

[Enumerator: Please hand over the money won (and get proof of payment.]

[If incorrect ranking] Thank you for your time. Unfortunately, you did not rank the options correctly and therefore, I am unable to pay you Rs. 100.

I will now like to talk to (female respondent) again to complete the survey with her.

Step 2: Female respondent Enumerator: Communicate the following to the female respondent: I will now ask you a few more questions. Your answers in these questions can help you earn up to Rs. 200 so please answer carefully and honestly. Please ask for clarification if you do not understand any question. Your answers will remain completely confidential. None of the responses here will be recorded with your name. 1. There are 3 business opportunities: Version I:

- Business A which is to be done at home and yields Rs.5,000 in sales every month and running cost is Rs. 2,000
- 2. Business B which is to be done by going to the nearby market and yields Rs. 10,000 every month and running cost is Rs. 6,000
- 3. Business C which is to be done by going to the big city to work with a big distributor and yields Rs. 16,000 every month and running cost is Rs. 10,000

Version II:

- Business A which is to be done at home and yields Rs.5,000 in sales every month and running cost is Rs. 1,000
- 2. Business B which is to be done by going to the nearby market and yields Rs. 10,000 every month and running cost is Rs. 7,000
- 3. Business C which is to be done by going to the big city to work with a big distributor and yields Rs. 16,000 every month and running cost is Rs. 14,000.

Rank these in order of increasing profit levels. If you get the ranking correct you will get Rs.100. [Enumerator: please show the respondent the paper with the 3 options and record her response].

2. Imagine a situation where you have managed to obtain a loan so finance is not a constraint and you do not have to consider whether you will be able to obtain permission from your husband/male decision maker. From the business plans specified in step 1 (with the added option of 'doing noth-

ing'), which one would you choose for yourself? [Enumerator: hand the paper to the respondent with 4 options and ask them to select. Once selected, put the answer in the envelope and seal it]. Please tick on the paper, fold it and then give it to me. I will put it in an envelope and seal it. This will not be revealed to anyone in your household and will only be known to the research team who will never tell anyone.

3. Consider the same business options as in step 2 (3 businesses plus the option to do nothing). Imagine again a situation where you have managed to obtain a loan so finance is not a constraint. Which of the 4 options will your husband/male decision maker choose for you? Your husband/male decision maker was asked to choose for you from these 4 options and you will get Rs.100 if your answer matches his.[Enumerator provide a new piece of paper with 4 options]. Please tick on the paper. [Enumerator: please enter on tablet her choice]

If she chooses the doing nothing option, then ask her why she chose this option: [Enumerator: do not prompt. Multiple responses are allowed. For example if she says she and her household members don't think it is suitable for her to run a business, then tick 1 and 2]

- 1. Husband/household head doesn't think it's suitable for her to run a business.
- 2. She doesn't think it is suitable to run a business.
- 3. Husband/household head thinks she is not capable.
- 4. She doesn't think she is capable.
- 5. There are other better uses of the money.

Advice taking

Part I: knowledge question [Randomise order between part I and part II]

We will now ask you a question for which if you give the correct answer you will get Rs.200. We will also offer you the opportunity to get advice on the answer for the question we ask you from your husband/male decision maker or an expert with knowledge of the field we have asked you the

question about. Please listen to the question first and then wait for us to offer you the opportunity to take advice before you give your answer.

[Ask version 1/2/3/4 as randomised]

In this envelope there is a voucher for Rs.0, Rs. 50 or Rs. 100 for advice from either husband/male decision maker or an expert. We will now offer you to get advice from husband/male decision maker and/or an expert for giving up this amount from your winnings. We will open this envelope later to reveal what amount is written in it and who you have the opportunity to get advice from but before that for all amounts, we will ask you what you would want to do.

Whatever you decide, we will implement it once the envelope is opened. Please note that the advice will be two correct choices in the opinion of husband/male decision maker or the expert.

[Enumerator: make sure respondent understands that we will implement the choice that she makes now once the envelope is opened]

- 1. Would you be willing to pay Rs. 0 to get advice from your husband/male decision maker?
- 2. Would you be willing to pay Rs.50 to get advice from your husband/male decision maker?
- 3. Would you be willing to pay Rs.100 to get advice from your husband/male decision maker?
- 4. Would you be willing to pay Rs. 0 to get advice from an expert?
- 5. Would you be willing to pay Rs. 50 to get advice from an expert?
- 6. Would you be willing to pay Rs. 100 o get advice from an expert?

[Enumerator: Open envelope: Advice from husband/male decision maker or expert and voucher amount 0/50/100. Accordingly implement choice. If expert choice is written on the voucher and woman willing to take it for the voucher amount, show options B and D as two possible correct choices. If husband/male decision maker choice is written on the voucher and woman is willing to take it for the voucher amount, show the two cards the husband/male decision maker choice.]

Part II: Abstract reasoning question

We will now ask you a question for which if you give the correct answer you will get Rs.200. We will also offer you the opportunity to get advice on the answer for the question we ask you from your husband/male decision maker or an expert with knowledge of the field we have asked you the question about. Please listen to the question first and then wait for us to offer you the opportunity to take advice before you give your answer.

The question is: [randomised] Here are a group of pictures that follow some order. Can you guess what the next picture in this sequence will be? You have the following options. [Enumerator: Show the respondent the graphic cards and then ask them to select their best guess. Enter their guess here].

[Show and ask version 1/2/3/4 as randomised]

In this envelope there is a voucher for Rs.0, Rs. 50 or Rs. 100 for advice from either husband/male decision maker or an expert. We will now offer you to get advice from husband/male decision maker and/or an expert for giving up this amount from your winnings. We will open this envelope later to reveal what amount is written in it and who you have the opportunity to get advice from but before that for all amounts, we will ask you what you would want to do.

Whatever you decide, we will implement it once the envelope is opened. Please note that the advice will be two correct choices in the opinion of husband/male decision maker or the expert.

[Enumerator: make sure respondent understands that we will implement the choice that she makes now once the envelope is opened]

- 1. Would you be willing to pay Rs. 0 to get advice from your husband/male decision maker?
- 2. Would you be willing to pay Rs.50 to get advice from your husband/male decision maker?
- 3. Would you be willing to pay Rs.100 to get advice from your husband/male decision maker?
- 4. Would you be willing to pay Rs. 0 to get advice from an expert?
- 5. Would you be willing to pay Rs. 50 to get advice from an expert?

6. Would you be willing to pay Rs. 100 o get advice from an expert?

[Enumerator: Open envelope: Advice from husband/male decision maker or expert and voucher amount 0/50/100. Accordingly implement choice. If expert choice is written on the voucher and woman willing to take it for the voucher amount, show options B and D as two possible correct choices. If husband/male decision maker choice is written on the voucher and woman is willing to take it for the voucher amount, show the two cards the husband/male decision maker choice.]

Payment: [Profit ranking questions: Your answer matches that of your husband/male decision maker whom we asked earlier. Therefore, you win Rs 100./ Your answer does not match that of your husband/male decision maker. Therefore we cannot pay you Rs. 100.]

[Your answer to the [knowledge and/or abstract reasoning question] was correct. You win (additional) Rs. 200 (or Rs. 400 if both correct)/ Your answer to the [knowledge/abstract reasoning question] was incorrect. Therefore you do not get the Rs. 200 from that question. Deduct the applicable cost of advice if the respondent has positive earnings and opted for advice.]