

Appendix Tables for “Are Labor Supply Decisions
Consistent with Neoclassical Preferences?
Evidence from Indian Boat Owners”

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Appendix Table 1. Reduced Form Participation, Full Set of Estimates (Table 4)

	Dependent variable: Participation			
	(1)	(2)	(3)	(4)
	Base Sample	More than 2 days worked per week	More than 3 days worked per week	More than 4 days worked per week
<i>Mean Dep. Var.</i>	<i>0.73</i>	<i>0.75</i>	<i>0.78</i>	<i>0.83</i>
Log (Cumulative value of catches within week)	0.019*** (0.001)	0.008*** (0.001)	-0.001 (0.002)	-0.014*** (0.002)
Log (Real exchange rate INR-EUR)	1.839*** (0.259)	1.693*** (0.264)	1.516*** (0.278)	1.676*** (0.303)
Log (Price of kerosene)	-0.177** (0.074)	-0.111 (0.076)	-0.195** (0.080)	-0.145 (0.091)
Log (Price of calamari)	0.079 (0.062)	0.016** (0.007)	0.115* (0.063)	0.137* (0.071)
First Quarter Moon	0.009 (0.007)	0.003 (0.007)	0.031*** (0.008)	0.033*** (0.009)
New Moon	-0.000 (0.007)	0.037*** (0.007)	0.013 (0.008)	0.026*** (0.009)
Last Quarter Moon	0.033*** (0.007)	0.118* (0.061)	0.033*** (0.008)	0.022** (0.009)
Wind direction Northeast	-0.039*** (0.009)	-0.032*** (0.010)	-0.031*** (0.010)	-0.040*** (0.011)
Maximum temperature	0.006** (0.002)	0.005** (0.002)	0.006** (0.003)	0.007** (0.003)
Minimum temperature	0.007** (0.004)	0.007** (0.004)	-0.001 (0.004)	-0.007* (0.004)
Average wind speed (Km. per hour)	-0.001 (0.001)	-0.001 (0.001)	0.000 (0.001)	-0.001 (0.001)
Total Rainfall	-0.001* (0.000)	-0.000 (0.000)	-0.000 (0.001)	-0.001** (0.001)
Rainfall duration	-0.009*** (0.002)	-0.012*** (0.002)	-0.016*** (0.002)	-0.009*** (0.003)
Rain dummy	-0.049*** (0.009)	-0.041*** (0.009)	-0.039*** (0.010)	-0.034*** (0.011)
Drizzle dummy	-0.040*** (0.009)	-0.028*** (0.009)	-0.002 (0.010)	0.008 (0.011)
First Friday of the month	-0.744*** (0.017)	-0.759*** (0.017)	-0.822*** (0.018)	-0.850*** (0.021)
Holiday dummy	-0.940*** (0.021)	-0.965*** (0.022)	-1.016*** (0.023)	-0.989*** (0.026)
Week with the first Friday of the month	0.054*** (0.007)	0.057*** (0.007)	0.105*** (0.008)	0.145*** (0.009)
Monday	0.383*** (0.034)	0.196*** (0.036)	-0.015 (0.041)	-0.394*** (0.044)
Tuesday	0.001 (0.033)	-0.054 (0.034)	-0.153*** (0.037)	-0.237*** (0.040)
Wednesday	-0.118*** (0.033)	-0.129*** (0.034)	-0.167*** (0.037)	-0.103*** (0.038)
Thursday	-0.132*** (0.032)	-0.131*** (0.033)	-0.142*** (0.036)	-0.143*** (0.037)
Friday	0.059* (0.031)	0.074** (0.032)	0.059* (0.035)	0.063* (0.036)
One consecutive day worked	0.058*** (0.011)	0.028** (0.012)	-0.043*** (0.013)	-0.159*** (0.013)
Two or more consecutive days worked	0.055*** (0.010)	-0.030*** (0.010)	-0.194*** (0.011)	-0.381*** (0.011)
Monday x Number of family members	-0.015** (0.006)	-0.013** (0.006)	-0.013* (0.007)	-0.002 (0.007)
Tuesday x Number of family members	-0.010* (0.006)	-0.010 (0.006)	-0.008 (0.007)	-0.005 (0.007)
Wednesday x Number of family members	-0.001 (0.006)	0.001 (0.006)	0.005 (0.007)	-0.009 (0.007)
Thursday x Number of family members	-0.006 (0.006)	-0.005 (0.006)	-0.003 (0.007)	-0.003 (0.007)
Friday x Number of family members	-0.053*** (0.006)	-0.053*** (0.006)	-0.052*** (0.006)	-0.050*** (0.007)
Observations	265,565	257,258	239,248	199,355

Notes : Standard Errors clustered at the month-year-boat-owner level in parenthesis. The unit of observation is a boat-owner-day. The dependent variable is a dummy that takes value 1 if the boat-owner went fishing on a particular day. All regressions include boat-owner dummies and a full set of month-year dummies.

Appendix Table 2. Estimation of Log Earnings Equation, Full Set of Estimates (Table 5)

	Dependent variable: Log Value of Catches			
	(1)	(2)	(3)	(4)
	Base Sample	More than 2 days worked per week	More than 3 days worked per week	More than 4 days worked per week
<i>Mean Dep. Var. (not logged)</i>	679	697	729	786
Log (Cumulative value of catches within week)	0.017*** (0.001)	0.017*** (0.001)	0.020*** (0.001)	0.035*** (0.001)
Log (Real exchange rate INR-EUR)	0.710*** (0.173)	0.676*** (0.173)	0.655*** (0.176)	0.359* (0.196)
Log (Price of kerosene)	-0.034 (0.047)	-0.035 (0.048)	-0.043 (0.049)	-0.010 (0.055)
Log (Price of calamari)	0.009 (0.040)	0.013*** (0.004)	0.003 (0.041)	0.016 (0.047)
First Quarter Moon	0.013*** (0.004)	0.010** (0.004)	0.010** (0.004)	0.002 (0.005)
New Moon	0.009** (0.004)	0.018*** (0.004)	0.008* (0.004)	0.000 (0.005)
Last Quarter Moon	0.019*** (0.004)	0.012 (0.040)	0.016*** (0.004)	0.005 (0.005)
Wind direction Northeast	-0.014*** (0.005)	-0.013*** (0.005)	-0.011** (0.005)	-0.002 (0.006)
Maximum temperature	0.001 (0.001)	0.001 (0.001)	-0.000 (0.001)	0.000 (0.002)
Minimum temperature	-0.005*** (0.002)	-0.005*** (0.002)	-0.007*** (0.002)	-0.006*** (0.002)
Average wind speed (Km. per hour)	-0.001*** (0.000)	-0.001*** (0.000)	-0.001*** (0.000)	-0.001** (0.000)
Total Rainfall	-0.000 (0.000)	-0.000 (0.000)	-0.000* (0.000)	-0.000 (0.000)
Rainfall duration	-0.002 (0.001)	-0.002 (0.001)	-0.002* (0.001)	-0.001 (0.001)
Rain dummy	0.012** (0.005)	0.012** (0.005)	0.014*** (0.005)	0.020*** (0.006)
Drizzle dummy	-0.006 (0.005)	-0.005 (0.005)	-0.007 (0.005)	-0.010* (0.006)
First Friday of the month	-0.001 (0.011)	-0.000 (0.011)	0.006 (0.012)	0.265*** (0.014)
Holiday dummy	-0.001 (0.017)	0.002 (0.017)	0.009 (0.019)	0.323*** (0.021)
Week with the first Friday of the month	-0.016*** (0.004)	-0.017*** (0.004)	-0.017*** (0.004)	-0.060*** (0.005)
Monday	0.229*** (0.011)	0.231*** (0.011)	0.272*** (0.013)	0.460*** (0.017)
Tuesday	0.050*** (0.006)	0.052*** (0.006)	0.063*** (0.006)	0.126*** (0.007)
Wednesday	0.034*** (0.005)	0.037*** (0.005)	0.044*** (0.005)	0.101*** (0.006)
Thursday	0.010** (0.005)	0.013** (0.005)	0.016*** (0.005)	0.069*** (0.006)
Friday	-0.002 (0.005)	0.000 (0.005)	0.001 (0.006)	0.054*** (0.006)
Observations	265,565	257,258	239,248	199,355

Notes: Standard Errors clustered at the month-year-boat-owner level in parenthesis. The unit of observation is a boat-owner-day. The dependent variable is the log value of catches. All regressions include boat-owner dummies and a full set of month-year dummies. All regressions are adjusted for selection into participation according to the Heckman selection model shown in Table 4.

Appendix Table 3. Structural Participation Probit, Full Set of Estimates (Table 6)

	Dependent variable: Participation			
	(1)	(2)	(3)	(4)
	Base Sample	More than 2 days worked per week	More than 3 days worked per week	More than 4 days worked per week
<i>Mean Dep. Var.</i>	0.73	0.75	0.78	0.83
Predicted log(earnings)	2.072*** (0.248)	2.158*** (0.315)	2.262*** (0.366)	4.798*** (0.853)
Log (Cumulative value of catches within week)	-0.017*** (0.005)	-0.030*** (0.006)	-0.047*** (0.008)	-0.186*** (0.030)
One consecutive day worked	0.054*** (0.009)	0.025** (0.011)	-0.043*** (0.011)	-0.073*** (0.018)
Two or more consecutive days worked	0.054*** (0.007)	-0.031*** (0.008)	-0.194*** (0.009)	-0.430*** (0.015)
Wind direction Northeast	-0.009 (0.009)	-0.001 (0.011)	-0.006 (0.011)	-0.036*** (0.011)
Maximum temperature	0.004 (0.003)	0.004* (0.002)	0.006** (0.003)	0.002 (0.003)
Minimum temperature	0.018*** (0.004)	0.019*** (0.004)	0.014*** (0.005)	0.021*** (0.008)
Average wind speed (Km. per hour)	0.001** (0.001)	0.002* (0.001)	0.003*** (0.001)	0.003** (0.001)
Total Rainfall	-0.000 (0.000)	0.001 (0.001)	0.001 (0.001)	-0.001 (0.001)
Rainfall duration	-0.006*** (0.002)	-0.008*** (0.003)	-0.011*** (0.002)	-0.006* (0.003)
Rain dummy	-0.075*** (0.008)	-0.069*** (0.012)	-0.071*** (0.012)	-0.133*** (0.023)
Drizzle dummy	-0.027*** (0.010)	-0.016* (0.010)	0.013 (0.011)	0.057*** (0.016)
First Friday of the month	-0.740*** (0.016)	-0.758*** (0.020)	-0.833*** (0.019)	-2.161*** (0.231)
Holiday dummy	-0.937*** (0.024)	-0.967*** (0.022)	-1.033*** (0.026)	-2.589*** (0.281)
Week with the first Friday of the month	0.087*** (0.009)	0.092*** (0.009)	0.144*** (0.009)	0.476*** (0.055)
Monday	-0.091 (0.066)	-0.302*** (0.085)	-0.632*** (0.107)	-2.644*** (0.398)
Tuesday	-0.098*** (0.034)	-0.163*** (0.037)	-0.297*** (0.040)	-0.996*** (0.127)
Wednesday	-0.188*** (0.032)	-0.208*** (0.040)	-0.267*** (0.036)	-0.665*** (0.108)
Thursday	-0.151*** (0.030)	-0.157*** (0.031)	-0.177*** (0.034)	-0.531*** (0.078)
Friday	0.064** (0.028)	0.074** (0.033)	0.057 (0.042)	-0.183*** (0.067)
Monday x Number of family members	-0.015*** (0.006)	-0.013** (0.005)	-0.013* (0.007)	-0.001 (0.008)
Tuesday x Number of family members	-0.011* (0.006)	-0.010* (0.006)	-0.008 (0.007)	-0.000 (0.009)
Wednesday x Number of family members	-0.002 (0.006)	0.000 (0.007)	0.005 (0.007)	0.001 (0.009)
Thursday x Number of family members	-0.006 (0.006)	-0.005 (0.006)	-0.003 (0.006)	0.001 (0.008)
Friday x Number of family members	-0.053*** (0.005)	-0.054*** (0.006)	-0.052*** (0.008)	-0.061*** (0.008)
Observations	265,565	257,258	239,248	199,355

Notes: Bootstrap Standard Errors in parenthesis. The unit of observation is a boat-owner-day. The dependent variable is a dummy that takes value 1 if the boat-owner went fishing on a particular day. All regressions include boat-owner dummies and a full set of month-year dummies.

Appendix Table 4. Structural Participation Probit, Excluding Cumulative Earnings & Consecutive Days from the Specification

	(1)	(2)
	Baseline Specification (Col 2)	Omitting Cumulative Earnings & Consecutive Days
<i>Mean Dep. Var.</i>	0.78	0.78
Predicted log(earnings)	2.262*** (0.366)	1.971*** (0.330)
Log (Cumulative value of catches within week)	-0.047*** (0.008)	
One consecutive day worked	-0.043*** (0.011)	
Two or more consecutive days worked	-0.194*** (0.009)	
Weather variables	< 0.001	< 0.001
Day of the week dummies	< 0.001	< 0.001
Month-year dummies	< 0.001	< 0.001
Holiday dummy	< 0.001	< 0.001
Boat owner dummies	< 0.001	< 0.001
Consecutive days worked	< 0.001	< 0.001
Day of the week-family members interactions	< 0.001	< 0.001
Predicted log(earnings) [Mean of Individual Elasticities]	0.861 0.128	0.752 (0.111)
Predicted log(earnings) [Elasticity at Mean Characteristics]	0.795 (0.129)	0.694 (0.116)
Log (Cumulative value of catches within week) [Elasticity at Mean Characteristics]	-0.017 (0.003)	
Observations	239,248	239,248

Notes: Bootstrap standard errors in parenthesis. The unit of observation is a boat-owner-day. The dependent variable is a dummy that takes value 1 if the boat owner went fishing on a particular day. All regressions include boat owner dummies and a full set of month-year dummies.

Appendix Table 5. Fish Varieties Most Caught on Average, by Month

January	Sardine, cuttlefish, goat fish, emperor
February	Sardine, goatfish, emperor, crab
March	Sardine, goatfish, garfish, ribbon fish, emperor, crab, round sardine
April	Sardine, goatfish, mackerel, garfish, ribbon fish, emperor, crab, round sardine
May	Goatfish, pony fish, mackerel, garfish, ribbon fish, barracuda, emperor, crab, round sardine
June	Prawn, barracuda, emperor, crab
July	Prawn, seer fish, barracuda, crab
August	Prawn, squid, sting ray, anchovy, barracuda, crab
September	Sardine, anchovy, tuna, false trevally, crab
October	Sardine, false trevally, crab
November	False trevally, cod, crab, lobster
December	False trevally, cod, crab, lobster