Fasting and Honesty

Experimental Evidence from Egypt

Online Appendix

Dina Rabie* Mohamed Rashwan† Rania Miniesy‡

Appendix A: Honesty Game Instructions

(Translation from Arabic)

On this table [the experimenter points to the table at the front of the room], all the cups are the same. Each cup contains six folded paper clips. On every clip, a number from one to six is written. Now we need a volunteer to double check the cups and its content. If you want to volunteer, please raise your hand.

[The experimenter chooses a random subject from those who raise their hands]

[To the volunteer] Please proceed to the table, pick a cup at random, check the folded papers and read what is written on every paper aloud.

[To the rest of the subjects] Anyone else wants to check the cups before we start?

Now we can start.

You are required to proceed to the table one by one, pick a cup at random, pick one of the folded papers, throw the rest of the cup's content in the box on the table, and go back to your seat. Please keep the paper you picked folded until further instructions.

We will start from the front left seat. Please proceed to the table one by one.

[Wait for everyone to finish this step]

Now, everyone has a single folded paper clip? [wait for eveyone to say yes] Please check it **privately**, keep the number written in your mind and refold the clip.

*Corresponding author. Department of Economics, Northeastern University London, London, United Kingdom. Email: d.rabie@northeastern.edu.

†Department of Business Administration, The British University in Egypt, Cairo, Egypt.

‡Department of Economics, The British University in Egypt, Cairo, Egypt.

Please insert the folded clip into one of the small envelopes you have. Please seal the envelope well. Please deposit the sealed envelope in the box in the middle of the room.

Everyone has an empty paper on their desks. Do we all have that? [make sure everyone has an empty paper]

On this empty paper, you can write the number you will get money for. Meaning that, if you told us the number you drew is:

One - you get EGP 5

Two - you get EGP 10

Three - you get EGP 15

Four - you get EGP 20

Five - you get EGP 25

Six - you get EGP 30

Depending on the number you write on the empty paper, we will provide you with a cheque to cash out at the end of the session.

Please write down the number.

Is everyone done?

Now I will pass by you to write you the cheque.

[When this step is completed:]

Now please deposit the paper you wrote on in the other small envelope you have. Please seal the envelope well. Please deposit the sealed envelope in the box in the middle of the room.

Appendix B: Real Effort Task Instructions

(Translation from Arabic)

In this task, you are required to search for 40 letters in different pages, lines, and places. For every correct letter you find, you win **EGP 2**. Meaning that if you correctly found all letters, you win **EGP 80**. Please note that we will correct your answer sheets and you will be paid only for your correct answers.

In order to be considered for payments for this session, you **have to attempt** to find at least the first 10 letters. After the 10th, you are free to continue the task or to stop it while still being considered for the payment for the session.

We look for the letters **from left to right**, for example on the first page, the first line, the third letter is **s**.[1] Can you all find that? Anyone has a question?

OK, so what is the letter on page 2, line 2, letter 4? Please say it aloud [i]. Anybody could not find it?

OK, now you have exactly 20 minutes to find the 40 letters once I say start.

Please start.

[wait for 20 minutes]

Time is up! Please write down the code on your answer sheet and hand it in to the experimenter. We will correct the sheets and give them back to you by the end of the session. We will then write you a cheque for this game to be cashed out at the end of the session.

1. The instructions were in Arabic but the letters remained in English.

Appendix C: Additional Tables and Figures

Table C1: Mean Subjects' Characteristics by Group and Round

	Full Sample			Restricted Sample		
	HF (N=96)	EF (N=71)	Diff.	HF (N=71)	EF (N=50)	Diff.
Female	0.44	0.39	-0.043	0.45	0.44	-0.011
	[0.50]	[0.49]	(0.578)	[0.50]	[0.50]	(0.853)
Age						
less than 30 y/o	0.47	0.47	-0.004	0.41	0.36	-0.048
	[0.50]	[0.50]	(0.953)	[0.50]	[0.48]	(0.592)
30 to 39 y/o	0.36	0.48	0.122	0.38	0.58	0.200*
	[0.48]	[0.50]	(0.113)	[0.49]	[0.50]	(0.031)
40 to 49 y/o	0.09	0.06	-0.036	0.13	0.06	-0.067
	[0.29]	[0.23]	(0.394)	[0.34]	[0.24]	(0.228)
50 y/o or more	0.06	0.00	-0.061*	0.07	0.00	-0.070*
	[0.24]	[0.00]	(0.034)	[0.26]	[0.00]	(0.056)
Job						
Academic	0.14	0.24	0.096	0.13	0.20	0.073
	[0.35]	[0.43]	(0.110)	[0.34]	[0.40]	(0.278)
Admin	0.57	0.56	-0.008	0.61	0.66	0.054
	[0.50]	[0.50]	(0.917)	[0.49]	[0.48]	(0.544)
Blue-collar	0.18	0.10	-0.085	0.24	0.14	-0.099
	[0.39]	[0.30]	(0.125)	[0.43]	[0.35]	(0.179)
Student	0.08	0.10	0.017	0.01	0.00	-0.014
	[0.28]	[0.30]	(0.703)	[0.12]	[0.00]	(0.401)

Standard deviation in brackets. Wilcoxon-Mann-Whitney test p-values in parentheses. Full sample includes all BR round. Restricted sample includes the set of subjects who showed up for both rounds.
* p-value < 0.10.

Table C2: Mean Subjects' Performance in the RET by Attrition, Round and Group

	RET Attempted	RET Accurate	RET Success
Full Sample			
Shows	25.37	21.83	85.43
	[5.44]	[5.61]	[15.81]
No shows	26.19	23.02	88.95
	[6.43]	[5.52]	[13.66]
Diff.	0.82	1.19	3.52
	(0.787)	(0.229)	(0.117)
Before Ramadan			
Honesty First	24.49	21.59	88.17
	[5.51]	[5.68]	[12.59]
Effort First	27.13	22.94	84.03
	[5.69]	[5.41]	[17.81]
Diff.	2.64**	1.35	-4.14
	(0.001)	(0.084)	(0.097)
During Ramadan			
Honesty First	29.42	26.65	90.18
	[5.2]	[6.17]	[11.68]
Effort First	33.2	28.74	86.79
	[4.45]	[5.88]	[14.65]
Diff.	3.78**	2.09*	-3.39
	(0.000)	(0.034)	(0.159)

Standard deviation in brackets. Mann-Whitney test's p-values in parentheses.
** p-value < 0.05, * p-value < 0.10.

Table C3: Descriptive Statistics for the Mechanisms Variables

	N	Mean	St. Dev.	Min.	Max.
Tarawih	232	.54	.50	0	1
Fajr	230	.24	.43	0	1
Abstention_H	242	.31	.46	0	1
Caff_Dep	242	.60	.49	0	1
Smoke	242	.31	.47	0	1
RETS_H	242	.51	.50	0	1
Neg_Imp	242	.22	.41	0	1

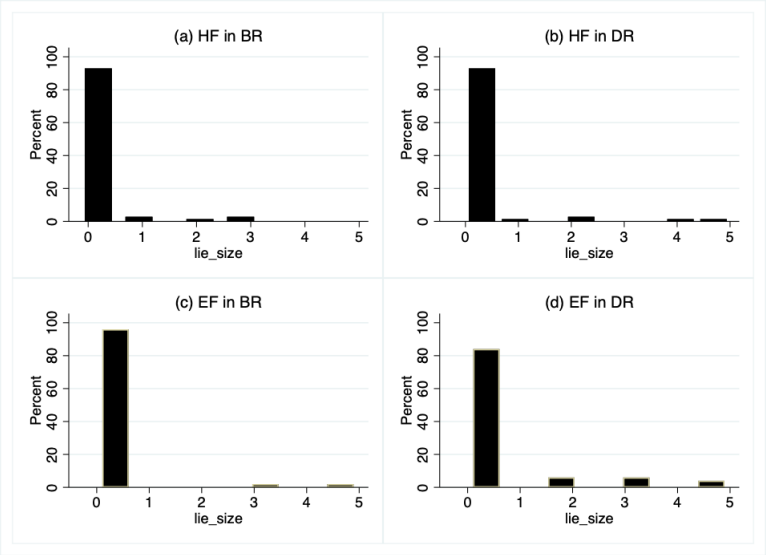

Figure C1: Percentage of Liars by Lie Size, Group, and Round
Note: In both rounds and across both treatment groups, the majority of subjects did not lie.

Appendix D: Mechanisms

D1- Religiosity

Table D1 -Religiosity as a Mechanisms of Dishonesty
(Dependent Variable: Lie_{it})

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ramadan	0.013	0.013	0.057	0.013	0.030	0.011	0.033	0.011	0.026
	(0.033)	(0.033)	(0.045)	(0.033)	(0.052)	(0.034)	(0.038)	(0.034)	(0.040)
EF	-0.047	-0.051	-0.047	-0.012	-0.034	-0.054	-0.049	-0.047	-0.050
	(0.052)	(0.053)	(0.053)	(0.071)	(0.075)	(0.052)	(0.052)	(0.056)	(0.058)
Ramadan=1 × EF=1	0.106**	0.106**	0.098*	0.107**	0.155**	0.109**	0.101*	0.109**	0.116*
	(0.051)	(0.051)	(0.051)	(0.051)	(0.076)	(0.052)	(0.053)	(0.052)	(0.060)
Tarawih		-0.037	-0.002	-0.003	0.010				
		(0.046)	(0.052)	(0.061)	(0.069)				
Tarawih X Ramadan			-0.072		-0.029				
			(0.050)		(0.066)				
Tarawih X EF				-0.078	-0.029				
				(0.093)	(0.105)				
Tarawih X EF X Ramadan					-0.103				
					(0.103)				
Fajr						-0.080	-0.042	-0.068	-0.042
						(0.052)	(0.060)	(0.064)	(0.074)
Fajr X Ramadan							-0.077		-0.054
							(0.061)		(0.075)
Fajr X EF								-0.034	0.000
								(0.110)	(0.127)
Fajr X EF X Ramadan									-0.069
									(0.130)
Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224	223	223	223	223
Overall R^2	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.09	0.09

Random effects analysis. Standard errors in parentheses. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10, ** p-value < 0.05.

Note: This table is replicated using *LieSize* as a continuous dependent variable in Table E3.1.

D2- Alimentary Abstention

Table D2 -Alimentary Abstention as a Mechanisms of Dishonesty
(Dependent Variable: Lie_{it})

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ramadan	0.013	0.013	-0.010	0.013	-0.026	0.013	-0.022	0.014	-0.005
	(0.033)	(0.033)	(0.036)	(0.033)	(0.039)	(0.033)	(0.045)	(0.033)	(0.052)
EF	-0.047	-0.045	-0.043	-0.085	-0.103	-0.047	-0.047	-0.073	-0.053
	(0.052)	(0.052)	(0.052)	(0.063)	(0.064)	(0.052)	(0.052)	(0.076)	(0.082)
Ramadan X EF	0.106**	0.106**	0.100*	0.106**	0.142**	0.106**	0.106**	0.105**	0.065
	(0.051)	(0.051)	(0.051)	(0.051)	(0.063)	(0.051)	(0.051)	(0.051)	(0.081)
Abstention_H		-0.016	-0.055	-0.067	-0.133*				
		(0.049)	(0.055)	(0.066)	(0.074)				
Abstention_H X Ramadan			0.080		0.137*				
			(0.055)		(0.073)				
Abstention_H X EF				0.113	0.176				
				(0.099)	(0.110)				
Abstention_H X Ramadan X EF					-0.129				
					(0.111)				
Caff_Dep						-0.034	-0.061	-0.051	-0.065
						(0.047)	(0.053)	(0.060)	(0.068)
Caff_Dep X Ramadan							0.058		0.030
							(0.051)		(0.067)
Caff_Dep X EF								0.043	0.011
								(0.093)	(0.105)
Caff_Dep X Ramadan X EF									0.069
									(0.104)
Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224	224	224	224	224
Overall R^2	0.07	0.07	0.08	0.08	0.09	0.07	0.08	0.07	0.08

Random effects analysis. Standard errors in parentheses. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10, ** p-value < 0.05.

Note: This table is replicated using *LieSize* as a continuous dependent variable in Table E3.2.

D3- Ego Depletion

Table D3 -Ego Depletion as a Mechanisms of Dishonesty
(Dependent Variable: Lie_{it})

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ramadan	0.013	0.013	-0.016	0.012	0.038	0.013	-0.013	0.012	0.015
	(0.033)	(0.033)	(0.046)	(0.033)	(0.052)	(0.033)	(0.036)	(0.033)	(0.037)
EF	-0.047	-0.048	-0.054	-0.057	-0.003	-0.052	-0.047	-0.122**	-0.081
	(0.052)	(0.053)	(0.053)	(0.064)	(0.070)	(0.053)	(0.053)	(0.061)	(0.062)
Ramadan X EF	0.106**	0.107**	0.114**	0.106**	-0.007	0.107**	0.100**	0.108**	0.025
	(0.051)	(0.051)	(0.052)	(0.051)	(0.076)	(0.051)	(0.051)	(0.051)	(0.060)
RETS_H		-0.006	-0.031	-0.015	0.009				
		(0.035)	(0.045)	(0.049)	(0.061)				
RETS_H X Ramadan			0.050		-0.044				
			(0.057)		(0.072)				
RETS_H X EF				0.018	-0.109				
				(0.072)	(0.092)				
RETS_H X Ramadan X EF					0.251**				
					(0.116)				
Smoke						0.033	-0.013	-0.073	-0.070
						(0.050)	(0.056)	(0.068)	(0.076)
Smoke X Ramadan							0.095*		-0.008
							(0.054)		(0.071)
Smoke X EF								0.223**	0.114
								(0.098)	(0.110)
Smoke X Ramadan X EF									0.241**
									(0.107)
Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224	224	224	224	224
Overall R^2	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.11	0.13

Random effects analysis. Standard errors in parentheses. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10, ** p-value < 0.05.

Note: This table is replicated using *LieSize* as a continuous dependent variable in Table E3.3.

D4- Repetition

Table D4 - Repetition As a Mechanism of Dishonesty
(Dependent Variable: Lie_{it})

	(1)	(2)	(3)	(4)	(5)
Ramadan	0.013	0.013	0.006	0.012	0.014
	(0.033)	(0.033)	(0.035)	(0.033)	(0.036)
EF	-0.047	-0.046	-0.044	-0.089	-0.076
	(0.052)	(0.052)	(0.052)	(0.057)	(0.058)
Ramadan X EF	0.106**	0.106**	0.103**	0.107**	0.079
	(0.051)	(0.051)	(0.052)	(0.051)	(0.058)
Neg_Imp		-0.041	-0.061	-0.142*	-0.135
		(0.060)	(0.067)	(0.080)	(0.090)
Neg_Imp X Ramadan			0.045		-0.014
			(0.066)		(0.091)
Neg_Imp X EF				0.220*	0.162
				(0.117)	(0.131)
Neg_Imp X Ramadan X EF					0.126
					(0.132)
Controls	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224
Overall R^2	0.07	0.07	0.07	0.09	0.10

Random effects analysis. Standard errors in parentheses. The dependent variable is a dummy in columns 1 and 2, and integer that varies from 0 to 5 in columns 3 and 4. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10 ** p-value < 0.05.

Note: This table is replicated using *LieSize* as a continuous dependent variable in Table E3.4.

Appendix E: Replication of Analysis Using Lie Size as an Outcome

E1. Cross Section Analysis

Table E1: Cross-section Analysis of Dishonesty
(Dependent Variable: $LieSize_i$)

	(1)	(2)	(3)	(4)	(5)
EF	0.019	0.016	-0.024	-0.021	-0.009
	(0.134)	(0.133)	(0.133)	(0.135)	(0.138)
Female		-0.070	-0.043	-0.017	-0.017
		(0.119)	(0.118)	(0.118)	(0.118)
30 y/o to 39 y/o			0.179	0.183	0.176
			(0.124)	(0.126)	(0.124)
40 y/o to 49 y/o			0.020	0.060	0.056
			(0.100)	(0.107)	(0.109)
50 y/o or more			-0.098	-0.035	-0.064
			(0.068)	(0.085)	(0.085)
Administrative				0.215**	0.196**
				(0.099)	(0.094)
Blue-Collar				0.047	0.035
				(0.064)	(0.066)
Student				0.069	0.029
				(0.098)	(0.094)
Six					-0.157**
					(0.078)
Constant	0.141**	0.175**	0.098	-0.069	-0.029
	(0.068)	(0.081)	(0.068)	(0.098)	(0.094)
N	121	120	120	120	120
Adjusted R^2	-0.008	-0.014	-0.022	-0.031	-0.033

OLS regression. Standard errors in parentheses. Dependent variable varies from 0 to 5. Controls include the draw of six, gender, age group and job dummies. Omitted categories are males, less than 30 years old, and academic. The correlation coefficient between age and job type is -0.116.
** p-value < 0.05.

E2. Panel Analysis

Table E2: Panel Data Analysis of Dishonesty: Fixed Effects vs. Random Effects
(Dependent Variable: $LieSize_{it}$)

	(1) FE	(2) RE	(3) RE
EF		0.019	0.029
		(0.160)	(0.167)
Ramadan	0.056	0.056	0.072
	(0.104)	(0.104)	(0.104)
Ramadan X EF	0.284*	0.284*	0.284*
	(0.161)	(0.161)	(0.161)
Controls	No	No	Yes
Individual FE	Yes	No	No
N	242	242	240
Overall R^2	0.02	0.02	0.07

Panel analysis. Standard errors in parantheses. Dependent variable varies from 0 to 5. Controls include the draw of six, gender, age group and job dummies. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10.

E3. Mechanisms and Lie Size

E3.1. Religiosity and Lie Size

Table E3.1: Religiosity and Lie Size
(Dependent Variable: $LieSize_{it}$)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ramadan	0.100	0.101	0.246*	0.101	0.132	0.096	0.175	0.097	0.163
	(0.102)	(0.102)	(0.140)	(0.102)	(0.162)	(0.105)	(0.117)	(0.104)	(0.123)
EF	-0.037	-0.070	-0.057	0.060	-0.037	-0.052	-0.036	-0.016	-0.013
	(0.170)	(0.170)	(0.170)	(0.229)	(0.242)	(0.169)	(0.169)	(0.184)	(0.189)
Ramadan X EF	0.258	0.258	0.231	0.261	0.473**	0.263	0.235	0.264	0.264
	(0.160)	(0.159)	(0.159)	(0.159)	(0.236)	(0.163)	(0.164)	(0.163)	(0.185)
Tarawih		-0.263*	-0.151	-0.154	-0.130				
		(0.150)	(0.168)	(0.198)	(0.222)				
Tarawih X Ramadan			-0.236		-0.052				
			(0.158)		(0.207)				
Tarawih X EF				-0.256	-0.048				
				(0.304)	(0.339)				
Tarawih X Ramadan X EF					-0.441				
					(0.320)				
Fajr						-0.184	-0.046	-0.119	-0.004
						(0.173)	(0.195)	(0.213)	(0.241)
Fajr X Ramadan							-0.283		-0.237
							(0.189)		(0.232)
Fajr X EF								-0.191	-0.122
								(0.366)	(0.415)
Fajr X Ramadan X EF									-0.136
									(0.404)
Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224	223	223	223	223
Overall R^2	0.06	0.08	0.08	0.08	0.09	0.07	0.08	0.07	0.08

Random effects analysis. Standard errors in parentheses. Dependent variable varies from 0 to 5. Sample is restricted to fasting subjects. Controls include gender, age, job dummies, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10, ** p-value < 0.05.

E3.2. Alimentary Abstention and Lie Size

Table E3.2: Alimentary Abstention and Lie Size
(Dependent Variable: $LieSize_{it}$)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ramadan	0.100	0.100	0.021	0.099	0.007	0.102	0.076	0.102	0.104
	(0.102)	(0.102)	(0.113)	(0.102)	(0.122)	(0.102)	(0.142)	(0.102)	(0.165)
EF	-0.037	-0.045	-0.037	-0.242	-0.250	-0.040	-0.040	-0.033	-0.002
	(0.170)	(0.170)	(0.169)	(0.203)	(0.208)	(0.169)	(0.170)	(0.247)	(0.265)
Ramadan X EF	0.258	0.257	0.234	0.257	0.266	0.255	0.256	0.255	0.189
	(0.160)	(0.160)	(0.161)	(0.160)	(0.198)	(0.159)	(0.160)	(0.159)	(0.254)
Abstention_H		0.111	-0.024	-0.137	-0.295				
		(0.162)	(0.180)	(0.214)	(0.238)				
Abstention_H X Ramadan			0.281		0.327				
			(0.171)		(0.230)				
Abstention_H X EF				0.559*	0.610*				
				(0.321)	(0.356)				
Abstention_H X Ramadan X EF					-0.099				
					(0.347)				
Caff_Dep						-0.202	-0.222	-0.197	-0.195
						(0.152)	(0.171)	(0.196)	(0.221)
Caff_Dep X Ramadan							0.041		-0.004
							(0.161)		(0.210)
Caff_Dep X EF								-0.012	-0.064
								(0.303)	(0.342)
Caff_Dep X Ramadan X EF									0.110
									(0.328)
Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224	224	224	224	224
Overall R^2	0.06	0.06	0.07	0.08	0.09	0.07	0.07	0.07	0.07

Random effects analysis. Standard errors in parentheses. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10, ** p-value < 0.05.

E3.3: Ego Depletion and Lie Size

Table E3.3: Ego Depletion and Lie Size
(Dependent Variable: $LieSize_{it}$)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Ramadan	0.100	0.100	-0.015	0.101	0.154	0.099	0.021	0.098	0.128
	(0.102)	(0.102)	(0.145)	(0.103)	(0.162)	(0.102)	(0.111)	(0.102)	(0.115)
EF	-0.037	-0.038	-0.063	0.004	0.164	-0.065	-0.050	-0.314	-0.163
	(0.170)	(0.172)	(0.173)	(0.208)	(0.226)	(0.171)	(0.171)	(0.196)	(0.201)
Ramadan X EF	0.258	0.259	0.288*	0.260	-0.086	0.261	0.240	0.267*	-0.047
	(0.160)	(0.160)	(0.162)	(0.161)	(0.236)	(0.160)	(0.159)	(0.159)	(0.187)
RETS_H		-0.007	-0.107	0.031	0.079				
		(0.113)	(0.144)	(0.156)	(0.192)				
RETS_H X Ramadan			0.200		-0.092				
			(0.180)		(0.224)				
RETS_H X EF				-0.082	-0.474				
				(0.230)	(0.290)				
RETS_H X Ramadan X EF					0.783**				
					(0.365)				
Smoke						0.186	0.050	-0.191	-0.137
						(0.163)	(0.182)	(0.220)	(0.245)
Smoke X Ramadan							0.284*		-0.110
							(0.170)		(0.220)
Smoke X EF								0.791**	0.372
								(0.319)	(0.354)
Smoke X Ramadan X EF									0.920***
									(0.332)
Controls	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224	224	224	224	224
Overall R^2	0.06	0.06	0.06	0.06	0.06	0.07	0.08	0.11	0.13

Random effects analysis. Standard errors in parentheses. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10, ** p-value < 0.05.

E3.4. Repetition and Lie Size

Table E3.4: Repetition and Lie Size
(Dependent Variable: $LieSize_{it}$)

	(1)	(2)	(3)	(4)	(5)
Ramadan	0.100	0.100	0.065	0.099	0.116
	(0.102)	(0.102)	(0.108)	(0.102)	(0.112)
EF	-0.037	-0.036	-0.030	-0.168	-0.096
	(0.170)	(0.170)	(0.169)	(0.186)	(0.188)
Ramadan X EF	0.258	0.258	0.242	0.259	0.106
	(0.160)	(0.160)	(0.162)	(0.160)	(0.180)
Neg_Imp		-0.007	-0.108	-0.311	-0.257
		(0.198)	(0.218)	(0.265)	(0.293)
Neg_Imp X Ramadan			0.222		-0.114
			(0.205)		(0.282)
Neg_Imp X EF				0.661*	0.337
				(0.387)	(0.426)
Neg_Imp X Ramadan X EF					0.709*
					(0.408)
Controls	Yes	Yes	Yes	Yes	Yes
N	224	224	224	224	224
Overall R^2	0.06	0.06	0.06	0.08	0.09

Random effects analysis. Standard errors in parentheses. The dependent variable is a dummy in columns 1 and 2, and integer that varies from 0 to 5 in columns 3 and 4. Sample restricted to fasting individuals. Controls include gender, age, job, and the draw of six. Omitted categories are males, less than 30 years old, and academic.
* p-value < 0.10 ** p-value < 0.05.