## Crying Wolf in the Lab

Arya Gaduh, Peter McGee, Alexander Ugarov\* November 30, 2022

#### Abstract

Keywords:

# 1 Introduction

### A Tables

Table 1: List of Treatments

Gremlins composition									
Prop. of black balls $(p)$	Honest	Black-eyed	White-eyed	FP rate	FN rate				
0.1,0.2,0.3,0.5	2	0	0	0	0				
0.1, 0.2, 0.3, 0.5	3	1	0	0.333	0				
0.1, 0.2, 0.3, 0.5	3	0	1	0	0.333				
0.1, 0.2, 0.3, 0.5	3	1	1 0	0.333	0.333				
0.1, 0.2, 0.3, 0.5	5	1	0	0.2	0				
0.1, 0.2, 0.3, 0.5	5	0	1	0	0.2				
0.1, 0.2, 0.3, 0.5	5	1	1	0.2	0.2				

Table 2: Demographic Characteristics of Subjects

	All		$p \in \{0.1, 0.3\}$		$p \in \mathcal{A}$	$\{0.2, 0.5\}$
	N	%	N	%	N	%
Male	43	41	22	41	21	41
Age>23yrs old	14	13	6	11	8	16
Students	88	84	46	85	42	82
Had statistics classes	63	60	37	69	26	51
Total	105	100	54	100	51	100

Table 3: Risk Aversion Measurement

Switching Probability $(\pi^*)$	$\theta$	N
Always protect	>2	1
0.1	2	10
0.15	1.216	13
0.2	0.573	29
0.25	0	16
0.3	-0.539	15
Never protect	<-0.539	14

Table 4: Informed protection response: logistical regression

			1 0			
	(1)	(2)	(3)	(4)	(5)	(6)
	All	S=White	S=Black	All	S=White	W=Black
FP rate	.248**	.557***	146	.198*	1.19***	38
	(2.2)	(4.8)	(-0.9)	(1.7)	(3.7)	(-0.8)
FN rate	.341***	.61***	025	.35***	1.26***	116
	(3.2)	(4.6)	(-0.2)	(3.2)	(12.8)	(-0.3)
S=Black	.454***			.473***		
	(89.2)			(98.4)		
plevel=200	.105***	$.093^{*}$	.117**	0	0	0
	(2.8)	(1.9)	(2.1)	(.)	(.)	(.)
Subject FE	No	No	No	Yes	Yes	Yes
$P(FP \text{ rate} \neq FN \text{ rate})$	.524	.787	.621	.306	.855	.705
N	629	315	314	587	117	105
Pseudo R-squared	.333	.161	.0252	.522	.479	.0844
Log-likelihood	-291	-125	-152	-195	-41.2	-66.1

t statistics in parentheses

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 5: Informed Protection Response: logit with flexible control for posteriors

	(1)	(2)	(3)	(4)
FP rate	.54***	.66***	.526**	.496**
11 1000	(4.0)	(3.5)	(2.4)	(2.0)
FN rate	.129	.984***	.119	1.34***
	(1.0)	(2.6)	(0.7)	(3.4)
p≥0.2	.0642	.397***	.304***	.35***
	(1.6)	(9.4)	(7.3)	(7.1)
S=Black	0076	$1.23^{*}$	0877	$2.36^{***}$
	(-0.1)	(1.9)	(-0.7)	(3.4)
FP rate x (S=Black)		-1.87		-3.37***
		(-1.6)		(-2.9)
FN rate x (S=Black)		993**		-1.6***
		(-2.4)		(-4.0)
FP rate x (p $\geq 0.2$ )			.0312	.561*
			(0.1)	(1.7)
FN rate x (p $\geq 0.2$ )			0288	.549**
			(-0.1)	(2.3)
Observations	629	587	587	587
Adjusted $R^2$				

 $<sup>\</sup>boldsymbol{t}$  statistics in parentheses

Reporting average marginal effects, subject FE, errors are clustered by subject. With flexible controls of posterior probability

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 6: Latent Class Multinomial Choice Model Estimates (FP and FN rates by hint)

	lc_results								
	Model	Class	Alt	Hint	FN0	FN1	FP0	FP1	Class share
$\overline{r1}$	1	1	-2.86694	4.392251	4.834518	1919326	4.35168	8676941	1
r2	2	1	-2.91958	1.881626	7.980388	3599557	1.725487	6.632253	.2198715
r3	2	2	-2.91958	6.699559	3.838407	.4707898	5.285504	-8.229022	.7801285

Table 7: IP response by class

Table V. II Tespelies by slass							
	(1)	(2)	(3)				
	All	Class 1	Class 2				
S=Black	.628***	.357***	.772***				
	(23.1)	(2.8)	(10.5)				
FN rate*White hint	.691***	1.49***	.352***				
	(4.3)	(3.5)	(3.3)				
FP rate*White hint	.622***	.49	$.47^{***}$				
	(4.6)	(1.6)	(4.7)				
FN rate*Black hint	0274	.0659	.0588				
	(-0.2)	(0.2)	(0.4)				
FP rate*Black hint	124	1.15****	-1.25***				
	(-0.8)	(5.6)	(-4.8)				
N	624	138	486				
Pseudo R-squared	.347	.242	.543				
Log-likelihood	-282	-62.3	-153				

t statistics in parentheses

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 8: Correlates of Strategies Used

	(1)	(2)	(3)
	(1)	(2)	(0)
Seek honest	.462***		
20011 11011050	(0.1)		
Other	.356***		
0 01101	(0.1)		
Female	(0.1)	.0782	
1 chiane		(0.1)	
Age		00845	
1160		(0.0)	
Stat. classes		0674	
Duan. Classes		(0.1)	
Accur. beliefs		(0.1)	.135*
Accur. Deliels			(0.1)
RA measure0			00705
na measureo			
ID ouis			(0.0)
IP quiz			0635
<b>C</b>	400***	075***	(0.0)
Constant	.433***	.975***	1.03***
	(0.1)	(0.1)	(0.2)
Observations	104	104	104
Adjusted $R^2$	0.15	0.02	0.01

Table 9: Expected IP losses by strategy

-		p=0.1,0.2		p>0.2		
	Mean loss	% of optimal	Loss prob.	Mean loss	% of optimal	Loss prob.
Baseline (all)	1.166304	156.7689	.0190281	2.11717	140.6088	.0508233
Honesty seekers	1.526998	205.2517	.0435806	3.095308	205.5705	.1163925
Bayesians	1.050706	141.2308	.0112388	1.806053	119.9464	.0300237
Optimal	.7439637	1	.0136432	1.505716	1	.0190598

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 10: Latent Class Multinomial Choice Model Estimates

-	lc_results							
	Model	Class	Alt	Hint	$False\_prob$	Posterior	Class share	BIC
$\overline{r1}$	1	1	-2.558866	5.518452	-2.179902	-5.647592	1	599.1649
r1	2	1	-2.535444	1.90032	3.500951	1.732533	.2750615	581.0222
r1	2	2	-2.535444	.1317798	2.727107	8.918563	.7249385	581.0222
r1	3	1	-2.738694	1.552418	4.89195	1.063685	.2025011	587.5337
r1	3	2	-2.738694	3.413443	8342289	6.007274	.4550624	587.5337
r1	3	3	-2.738694	-3.203437	5.474852	16.56628	.3424365	587.5337

Table 11: IP response by class

	(1)	(2)
	Honesty Seekers	Cautious Bayesians
S=Black	.337***	.0245
	(3.4)	(0.4)
Prop. of lying gremlins	.664***	.277***
	(4.6)	(4.3)
Posterior prob.	198*	.788***
	(-1.7)	(4.9)
N	138	486
Pseudo R-squared	.183	.541
Log-likelihood	-67.2	-154

t statistics in parentheses

Table 13: Average Protection by Signal Type

False-positive	False-negative	Signal=Black	% protect	P(prot>0,<1)	Posterior
No	No	No	0.038	0.022	0.000
No	No	Yes	0.838	0.000	1.000
No	Yes	No	0.186	0.000	0.045
No	Yes	Yes	0.786	0.000	1.000
Yes	No	No	0.143	0.001	0.000
Yes	No	Yes	0.739	0.000	0.395
Yes	Yes	No	0.429	0.000	0.062
Yes	Yes	Yes	0.829	0.000	0.328

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 12: Belief Elicitation: When Mistakes Happen

					- 1 1	
	(1)	(2)	(3)	(4)	(5)	(6)
	All	S=White	S=Black	All	S=White	S=Black
FN rate	.016	.39***	358***	.00219	.382***	378***
	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
FP rate	.919***	.318***	1.52***	.949***	.321***	1.58***
	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Constant	076***	.0414***	193***	248***	.139***	635***
	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Subject FE	No	No	No	Yes	Yes	Yes
Observations	630	315	315	630	315	315
Adjusted $\mathbb{R}^2$	0.17	0.21	0.29	0.22	0.37	0.66

Dep. variable: reported belief - posterior probability

Table 14: Average Belief Error by Signal Type

False-positive	False-negative	Signal=Black	Belief error	<b>P</b> (= 0)
No	No	No	0.039	0.001
No	No	Yes	-0.186	0.000
No	Yes	No	0.142	0.000
No	Yes	Yes	-0.337	0.000
Yes	No	No	0.118	0.000
Yes	No	Yes	0.173	0.000
Yes	Yes	No	0.245	0.000
Yes	Yes	Yes	0.192	0.000

Table 15: Average WTP discrepancy (WTP-Value) by Signal Type

False-positive	False-negative	Mean WTP discrepancy	<b>P</b> (= 0)
No	No	-0.148	0.420
No	Yes	-0.220	0.127
Yes	No	0.450	0.006
Yes	Yes	0.437	0.001

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 16: Comparing Findings across the Tasks

Design	Beliefs	IP	WTP
White, FN only	>	<>	<> *
Black, FN only	<	<>	<>
White, FP only	>	>	>
Black, FP only	>	<>	>
White, FN and FP	>>	>	>
Black, FN and FP	>	<>	>

<sup>\*-</sup>WTP estimates do not depend on signals.

Table 17: WTP for Information (tobit)

				(	- /	
	(1)	(2)	(3)	(4)	(5)	(6)
	All	p = 0.1	p = 0.2	All	All	All
model						
FN costs	562**	-1.22**	682***	791***	68***	674**
	(0.2)	(0.6)	(0.3)	(0.2)	(0.3)	(0.3)
FP costs	631***	624**	519**	581***	485**	463**
	(0.2)	(0.2)	(0.3)	(0.2)	(0.2)	(0.2)
BP costs				.397***	.386***	.393***
				(0.1)	(0.1)	(0.1)
Belief change					.368	
					(0.3)	
Certainty						.799
						(0.8)
Constant	1.94***	1.72***	2.33***	.816**	.573	.0873
	(0.2)	(0.2)	(0.2)	(0.3)	(0.4)	(0.8)
sigma						
Constant	$1.82^{***}$	1.86***	$1.7^{***}$	1.78***	1.78***	1.78***
	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Observations	315	162	153	315	315	315
Adjusted $R^2$						

 ${\bf Standard\ errors\ in\ parentheses}$ 

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 18: WTP minus Value of Information (OLS)

	Table 18: WTF minus value of information (OLS)							
	(1)	(2)	(3)	(4)	(5)			
770	Z O Astrolosti	4 = O dedede	100	W O O distrib	1 O Waladali			
FP costs	.564***	.473***	.403	.502***	.435***			
	(0.1)	(0.1)	(0.3)	(0.2)	(0.1)			
FN costs	22*	.0351	495	.0816	62***			
D. I. I	(0.1)	(0.1)	(0.5)	(0.1)	(0.2)			
Risk-loving			0					
Risk-averse			(.)					
RISK-averse			0					
No risk av. measure			$\begin{pmatrix} . \\ 0 \end{pmatrix}$					
No lisk av. measure			(.)					
Risk-loving $\times$ FP costs			.12					
Tusk-loving × 11 costs			(0.4)					
Risk-averse $\times$ FP costs			.104					
THE WORLD X II CODE			(0.3)					
No risk av. measure $\times$ FP costs			142					
			(0.4)					
Risk-loving $\times$ FN costs			.744					
S S S S S S S S S S S S S S S S S S S			(0.5)					
Risk-averse $\times$ FN costs			.552					
			(0.5)					
No risk av. measure $\times$ FN costs			.492					
			(0.5)					
Inaccurate beliefs				.0678				
				(0.2)				
Inaccurate beliefs $\times$ FP costs				.636				
				(0.8)				
Inaccurate beliefs $\times$ FN costs				.00218				
				(0.3)				
plevel=200					0			
					(.)			
plevel= $200 \times FP \text{ costs}$					.141			
1 1 000 777					(0.2)			
plevel= $200 \times FN costs$					.816***			
	100	1504	1 40*	011	(0.2)			
Constant	108	152*	149*	211	123			
	(0.2)	(0.1)	(0.1)	(0.2)	$\frac{(0.1)}{215}$			
Observations	315	315	315	315	315			
Adjusted $R^2$	0.05	0.59	0.59	0.59	0.60			

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 19: WTP for Information: heterogeneity by IP class

	(1)	(2)	(3)	(4)
	p < 0.3	p < 0.3	All	All
model				
FN costs	562**	699***	254***	386***
	(0.2)	(0.3)	(0.1)	(0.1)
FP costs	631***	73***	-1.03***	-1.15***
	(0.2)	(0.2)	(0.2)	(0.2)
Simpletons		804**		87***
		(0.4)		(0.3)
Simpletons $\times$ FN costs		.618		.63***
		(0.6)		(0.2)
Simpletons $\times$ FP costs		.393		.573
		(0.5)		(0.4)
Constant	1.94***	$2.17^{***}$	2.34***	2.57***
	(0.2)	(0.2)	(0.1)	(0.1)
sigma				
Constant	1.82***	1.79***	1.97***	1.92***
	(0.1)	(0.1)	(0.1)	(0.1)
Observations	315	312	630	624
Adjusted $R^2$				

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 20: WTP minus Value of Information, connection to self-reported protection strategy  $\,$ 

J						
	(1)	(2)	(3)	(4)	(5)	(6)
	All	p = 0.1	p = 0.2	All	All	All
Seek honest	.923***	1.17***		1.18**		1.4**
	(0.3)	(0.4)		(0.5)		(0.6)
Other	.317	.395		.324		.594
	(0.2)	(0.4)		(0.5)		(0.5)
FN costs	236	0324	-1.09***	563	558***	.602
	(0.2)	(0.5)	(0.4)	(1.0)	(0.2)	(0.6)
FP costs	.551***	.667*	409**	.578	415**	.631
	(0.1)	(0.4)	(0.2)	(0.4)	(0.2)	(0.6)
Seek honest $\times$ FN costs		432		389		616
		(0.6)		(1.1)		(0.7)
Other $\times$ FN costs		0759		.216		355
		(0.6)		(1.1)		(0.7)
Seek honest $\times$ FP costs		179		222		155
		(0.4)		(0.5)		(0.7)
Other $\times$ FP costs		103		144		.0513
		(0.4)		(0.5)		(0.7)
Constant	587**	717**	1.84***	123	2.28***	-1.56***
	(0.2)	(0.3)	(0.2)	(0.4)	(0.2)	(0.5)
Observations	312	312	162	159	153	153
Adjusted $\mathbb{R}^2$	0.09	0.09	0.08	0.08	0.07	0.08

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

# B Figures

Blind Protection Response

Figure 1: Average Blind Protection Response

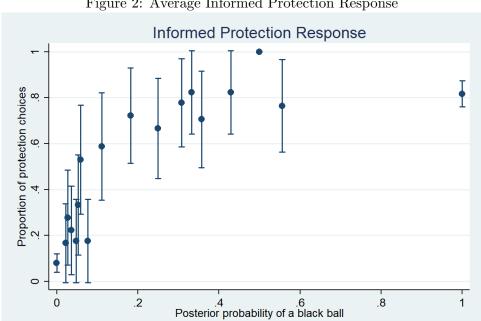
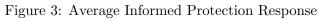
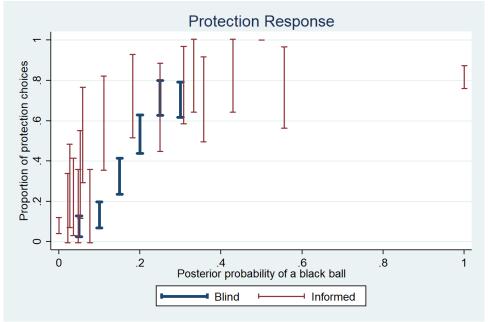


Figure 2: Average Informed Protection Response





Informed Protection Response

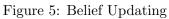
Informed Protection Response

O 2 4 6 8 1

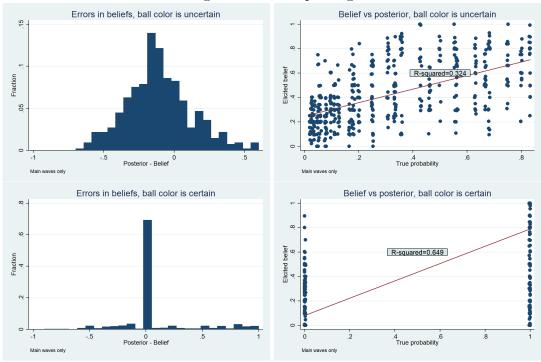
Posterior probability of a black ball

95% CI | poly smooth

Figure 4: Average Informed Protection Response (Smoothed)



kernel = epanechnikov, degree = 0, bandwidth = .1, pwidth = .17



Theoretical vs actual WTP

Solution 1.7143

Figure 6: Theoretical vs actual WTP



Theoretical WTP

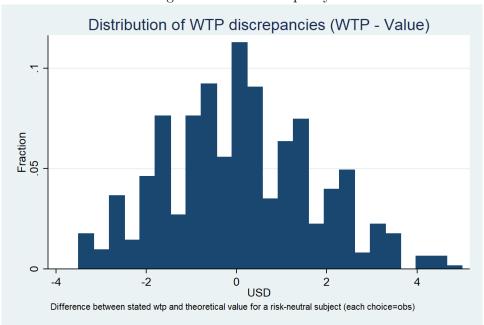
2

1

3

0

Ó



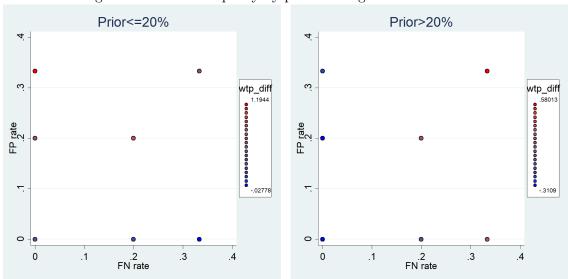


Figure 8: WTP discrepancy by prior and signal characteristics  $\,$ 

## C Appendix Tables

Table 21: Informed Protection Response: flexible control for posteriors and beliefs

(1)	(2)	(3)	(4)	(5)	(6)
(1)	FE	(9)	(1)	S=White	S=Black
.329**	.292	.308	.372*	.342***	0805
(2.3)	(1.5)	(1.4)	(1.9)	(2.7)	(-0.1)
.0109	.000606	0916	.493	104	.0794
(0.1)	(0.0)	(-0.5)	(1.3)	(-0.4)	(0.4)
, ,	` ,	.279***	, ,	, ,	, ,
		(4.7)			
		0175			
		(-0.1)			
		.181			
		(0.9)			
			.71		
			(1.3)		
			-1.06		
			(-1.1)		
			535		
			(-1.3)		
629	587	587	587	313	314
	(2.3) .0109 (0.1)	FE .329** .292 (2.3) (1.5) .0109 .000606 (0.1) (0.0)	FE .329** .292 .308 (2.3) (1.5) (1.4) .0109 .0006060916 (0.1) (0.0) (-0.5) .279*** (4.7)0175 (-0.1) .181 (0.9)	FE  .329** .292 .308 .372* (2.3) (1.5) (1.4) (1.9) .0109 .0006060916 .493 (0.1) (0.0) (-0.5) (1.3) .279*** (4.7)0175 (-0.1) .181 (0.9)  .71 (1.3) -1.06 (-1.1)535 (-1.3)	FE S=White  .329** .292 .308 .372* .342*** (2.3) (1.5) (1.4) (1.9) (2.7) .0109 .0006060916 .493104 (0.1) (0.0) (-0.5) (1.3) (-0.4) .279***

t statistics in parentheses

With flexible controls of posterior probability and beliefs

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 22: Informed protection response: semiparametric control for posteriors

	(1)	(2)	(3)	(4)
DD 4	F 45***	400**	F07***	0.01*
FP rate	.547***	.439**	.527***	.361*
	(3.6)	` /	(3.3)	` ,
FN rate	186			
	(-1.0)	(-0.9)	(-1.6)	(0.0)
p≥0.2		.0377		
		(0.8)		
FP rate x (p $\geq 0.2$ )		.225		
		(0.9)		
FN rate x (p $\geq 0.2$ )		.0451		
(1 = /		(0.2)		
S=Black		(*)	-6.21	
S Black			(-0.6)	
FP rate x (S=Black)			.00529	
I'I Tate X (D—DIack)			(0.0)	
EN mate as (C. Dlask)			` ,	
FN rate x (S=Black)			.516	
Q			(1.3)	0.1.0.0
Stat. class				0199
				(-0.4)
FP rate x Stat. class				.326
				(1.5)
FN rate x Stat. class				298
				(-1.4)
Observations	629	629	629	629
Adjusted $\mathbb{R}^2$	0.02	0.02	0.02	0.02

t statistics in parentheses

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 23: WTP - Value of Information, by prior with order effects

Table 25. W11 - Val	(1)	(2)	(3)	(4)	(5)	(6)
	p=0.1,0.2	p=0.3,0.5	p=0.1,0.2	(-)	(0)	(0)
FP rate	2.23***	249	2.12***	1.21*	249	325
	(0.5)	(0.7)	(0.7)	(0.7)	(0.7)	(0.8)
FN rate	254	$2.64^{***}$	-1.22**	.169	2.64***	1.33***
	(0.4)	(0.5)	(0.5)	(0.5)	(0.5)	(0.5)
Starts with p=0.2			-1.13***	.256		
			(0.3)	(0.3)		
Starts with p= $0.2 \times FP$ rate			.215	444		.157
			(1.0)	(1.0)		(0.7)
Starts with p=0.2 $\times$ FN rate			$1.99^{***}$	$2.11^{***}$		$2.71^{***}$
			(0.7)	(0.8)		(0.6)
First prior					.0367	.0367
					(0.2)	(0.2)
First prior $\times$ FP rate					2.48***	2.48***
					(0.7)	(0.7)
First prior $\times$ FN rate					-2.9***	-2.9***
					(0.3)	(0.3)
Constant	135	172	$.412^{*}$	278	172	172
	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)
Observations	315	315	315	630	630	630
Adjusted $R^2$	0.04	0.04	0.12	0.04	0.04	0.06

Table 24: WTP - Value of Information, by prior

	(1)	(2)	(3)	(4)	(5)
	All	0.1	0.2	0.3	0.5
FP rate	.822*	1.96***	2.3***	121	865
	(0.5)	(0.7)	(0.7)	(0.9)	(0.9)
FN rate	$1.2^{***}$	-1.24***	.783	$1.57^{***}$	3.79***
	(0.4)	(0.4)	(0.5)	(0.6)	(0.7)
Constant	134	.435***	713***	921***	.677***
	(0.1)	(0.1)	(0.1)	(0.1)	(0.2)
Observations	630	162	153	162	153
Adjusted $R^2$	0.36	0.64	0.49	0.42	0.48

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 25: Belief Elicitation: Discrepancy

	(1)	(2)	(3)	(4)	(5)	(6)
	( )	( )	( )	( )	( )	( )
FN rate	.016	.016	014	014	0562	0554
	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
FP rate	.919***	.919***	$1.07^{***}$	$1.07^{***}$	1.05***	$1.05^{***}$
	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Good quiz			.0469	.0673		
			(0.0)	(0.0)		
Good quiz $\times$ FN rate			.0463	.0464		
			(0.1)	(0.1)		
Good quiz $\times$ FP rate			286*	284*		
			(0.2)	(0.2)		
Stat. class					00193	0127
					(0.0)	(0.0)
Stat. class $\times$ FN rate					.127	.126
					(0.1)	(0.1)
Stat. class $\times$ FP rate					229	226
					(0.2)	(0.2)
Constant	076***	0656***	101***	102***	0751***	0563
	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Prior prob dummies	No	Yes	No	Yes	No	Yes
Observations	630	630	630	630	630	630
Adjusted $R^2$	0.17	0.17	0.17	0.17	0.17	0.17

<sup>\*</sup> p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01

Table 26: WTP minus Value of Information: demographic determinants

Table 26: WIP i	Table 26: WIP minus value of Information: demographic determinants											
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
	man and advantage		er a saladada	e — materia		and a solution	e madedala	a a distrib	er er a dadada			
FP costs	.564***	.602***	.548***	.475**	.416**	.546***	.496***	.66***	.591***			
	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)	(0.1)	(0.2)	(0.2)			
FN costs	22*	317*	0684	242	0701	285*	0318	037	.223			
	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.1)	(0.2)	(0.2)			
Male		23	27									
		(0.4)	(0.4)									
$Male \times FP costs$		126	131									
		(0.2)	(0.2)									
$Male \times FN costs$		.244	.251									
		(0.3)	(0.2)									
Stat. class				186	226							
				(0.4)	(0.4)							
Stat. class $\times$ FP costs				.146	.141							
				(0.2)	(0.2)							
Stat. class $\times$ FN costs				.0344	.201							
State class / Liveston				(0.3)	(0.2)							
>23 yrs				()	(- )	807**	747**					
20 y 15						(0.4)	(0.3)					
$>23 \text{ yrs} \times \text{FP costs}$						.187	.148					
> 20 J15 / 11 00505						(0.3)	(0.3)					
$>23 \text{ yrs} \times \text{FN costs}$						.454**	.387					
20 y15 × 111 CO505						(0.2)	(0.3)					
Good quiz						(0.2)	(0.0)	.316	.346			
Good quiz								(0.4)	(0.4)			
Good quiz $\times$ FP costs								184	(0.4) 159			
								(0.2)	(0.2)			
Good quiz $\times$ FN costs								337	,			
									35			
	100	0115	250	00505	207	00545	00.4	(0.3)	(0.2)			
Constant	108	0115	.356	.00585	.387	00545	.324	279	.0568			
T) 1 1	(0.2)	(0.2)	(0.3)	(0.3)	(0.4)	(0.2)	(0.2)	(0.3)	(0.3)			
Prior dummies	No	No	Yes	No	Yes	No	Yes	No	Yes			
Observations	315	315	315	315	315	315	315	315	315			
Adjusted $R^2$	0.05	0.04	0.11	0.04	0.12	0.06	0.12	0.04	0.11			

Standard errors in parentheses \* p < 0.10, \*\* p < 0.05, \*\*\* p < 0.01