### "Pricing Immigration: Supplemental Information"

Simon Hix, Eric Kaufmann, and Thomas J. Leeper 2020-03-01

A	Supplemental Tables	<b>2</b>
В	Screenshots	6
С	Manipulation Check	8
D	Question Wordings	9

# A Supplemental Tables

### Table A1. Treatment Effects, Alternative Analysis

	Preferred Imm	nigration Levels (C	ost-Constrained)
	EU	Non-EU	All
Unconstrained	$0.7^{*}$	$0.7^{*}$	0.8*
	(0.03)	(0.03)	(0.03)
5% Personal Income	-1,058.9	-380.1	-1,975.0
	(4, 428.8)	(4, 290.9)	(8, 176.0)
10% GDP	975.7	-1,790.2	-28.1
	(4, 276.8)	(4, 311.4)	(8, 122.4)
10% Personal Income	8,575.7	7,213.8	$16,823.6^{*}$
	(4, 568.2)	(4, 411.3)	(8, 397.2)
Unconstrained * 5% Personal Income	0.003	0.004	0.01
	(0.04)	(0.04)	(0.04)
Unconstrained * 10% GDP	-0.01	-0.002	-0.01
	(0.04)	(0.05)	(0.04)
Unconstrained * 10% Personal Income	-0.1	-0.1	-0.1
	(0.04)	(0.05)	(0.04)
Constant	$29,517.7^{*}$	$35,968.0^{*}$	$59,179.4^{*}$
	(2,959.7)	(2, 928.2)	(5, 579.1)
Observations	2,531	2,527	2,488
Log Likelihood	-30,496.5	-30,624.8	-31,503.0
Akaike Inf. Crit.	61,009.1	61,265.7	63,021.9

Note:

\* p < 0.05

		Change in Prefer	red Immigration L	evels
	AB	C1	C2	DE
5% Personal Income	-9, 115.2 (7, 362.1)	13,089.1 (7,925.9)	$7,919.7 \\ (9,610.1)$	-10, 738.5 (12, 699.0)
10% GDP	-4, 180.1 (7, 798.6)	$7, 341.4 \\ (8, 013.9)$	$\begin{array}{c} 9, 965.4 \\ (11, 045.5) \end{array}$	-7,365.5 (10,819.2)
10% Personal Income	$\begin{array}{c} 12,205.6\\(7,752.2)\end{array}$	$24, 211.8^{*}$ (7, 835.8)	-782.3 (11, 857.0)	941.3 (11, 584.6)
Constant	$30, 753.6^{*}$ $(4, 738.5)$	$24, 283.2^{*}$ (4, 603.4)	$19,846.5^{*}$ $(7,667.0)$	$36, 760.3^*$ (8, 745.0)
Observations Log Likelihood Akaike Inf. Crit.	835 -10,600.2 21,208.4	728 -9,257.9 18,523.8	$\begin{array}{c} 384 \\ -4,855.7 \\ 9,719.4 \end{array}$	541 -6,907.1 13,822.2
Note:				cn.u > d

### Table A2. Treatment Effects, by Social Grade

	C	hange in Preferred	Immigration Level	l
	LabLeave	LabRemain	ConsLeave	ConsRemain
5% Personal Income	-6, 226.0 (15, 715.8)	$15,772.5 \\ (10,221.5)$	-1,418.3 (9,086.3)	575.4 (12, 954.2)
10% GDP	-10, 676.4 (15, 643.2)	17, 234.9 (9, 610.6)	$\begin{array}{c} 6,150.8\\ (9,974.7)\end{array}$	$1,172.6 \\ (14,333.8)$
10% Personal Income	-6,031.0 (15,168.1)	18,857.5 (10,291.0)	$5, 372.8 \\ (9, 511.1)$	$36,068.1^{*}$ $(14,197.0)$
Constant	$40,044.2^{*}$ (9,964.1)	$13, 393.7^*$ (5, 509.8)	$23, 776.0^{*}$ (6, 085.1)	$36,446.0^{*}$ $(8,731.2)$
Observations Log Likelihood Akaike Inf. Crit.	$\begin{array}{c} 189 \\ -2,396.7 \\ 4,801.3 \end{array}$	383 -4,846.4 9,700.8	$\begin{array}{c} 449 \\ -5,654.4 \\ 11,316.8 \end{array}$	$319 \\ -4,099.3 \\ 8,206.7$
Note:				* $p < 0.05$

### Table A3. Treatment Effects, by 2015 General Election Vote

Figure A1. Preferred Constrained and Unconstrained Levels of Immigration, by Referendum Vote



### **B** Screenshots

#### Figure 4: Unconstrained Preferences Question Screenshot

#### YouGov

According to government statistics, about 3 million European Union citizens and 5 million non-EU citizens live in the United Kingdom. Annually, **net migration** from the EU is 165,000 and **net migration** from elsewhere (mainly Asia, Africa and the Middle East) is also 165,000. This means that 330,000 more people move to the UK each year than leave.

We would like to know how much net migration you would prefer to have from the EU and from elsewhere. Please indicate your preferences as a number: choosing "0" would mean cutting net migration to zero, while choosing "165,000" means keeping levels as they are currently.

How much net migration should there be from the EU?

0 net migration 165,000 net migration

🗆 Not sure

How much net migration should there be from outside the EU?

0 net migration

🗆 Not sure



#### Figure 5: Constrained Preferences Question Screenshot

No one knows what will happen, but if reducing EU immigration were to result in a cost to your personal income, how much net migration should there be from the EU?

Imagine that reducing net EU immigration by 165,000 per year will cost 5% of your personal income. Reducing it by a lower amount will cost less. Given the economic costs you would pay to reduce EU immigration, how much net migration should there be "from the EU"?

As before, please indicate your preference as a number, where "O" would mean cutting net migration to zero and choosing "165,000" means keeping levels as they are currently.



Net Migration

O net migration & -5% effect on your personal income 165,000 net migration & 0% effect on your personal income

165000



## C Manipulation Check

Figure A2 provides a simple visual summary of responses to our manipulation check question that asked respondents whether the costs of reducing immigration would be much more costly or much less costly than our stimuli implied.



## **D** Question Wordings

Full question wordings are as follows:

According to government statistics, about 3 million European Union citizens and 5 million non-EU citizens live in the United Kingdom. Annually, **net migration** from the EU is 165,000 and **net migration** from elsewhere (mainly Asia, Africa and the Middle East) is also 165,000. This means that 330,000 more people move to the UK each year than leave.

We would like to know how much net migration you would prefer to have from the EU and from elsewhere. Please indicate your preferences as a number: choosing "0" would mean cutting net migration to zero, while choosing "165,000" means keeping levels as they are currently.

How much net migration should there be from the EU?

Slider scale between 0 and 165,000

How much net migration should there be from outside the EU?

Slider scale between 0 and 165,000

#### [PAGE BREAK]

No one knows what will happen, but if reducing EU immigration were to result in a cost to [personal income][Gross Domestic Product, a measure of economic well-being], how much net migration should there be from the EU?

Imagine that reducing net EU immigration by 165,000 per year will cost [5%][10%] of [personal income][Gross Domestic Product, a measure of economic well-being]. Reducing it by a lower amount will cost less. Given the economic costs you would pay to reduce EU immigration, how much net migration should there be from the EU?

As before, please indicate your preference as a number, where "0" would mean cutting net migration to zero and choosing "165,000" means keeping levels as they are currently.

High cost condition: Slider scale between 0 and 165,000; with additional economic numbers where 0 = -10% and 165,000 = -0%

Low cost condition: Slider scale between 0 and 165,000; with additional economic numbers where 0=-5% and 165,000=-0%

PAGE BREAK

[Same question repeated for immigrants from outside the EU] Imagine that reducing net EU immigration by 165,000 per year will cost [5%][10%] of [personal income][Gross Domestic Product, a measure of economic well-being]. Reducing it by a lower amount will cost less. Given the economic costs you would pay to reduce EU immigration, how much net migration should there be from outside the EU?

[Same response scales as previous question] PAGE BREAK

Do you believe the economic costs of reducing immigration that you just read are just about right, or do you think reducing immigration will be much more costly or much less costly?

Much more costly A bit more costly Just about right A bit less costly Much less costly Don't know PAGE BREAK

Reducing EU immigration will affect the percentage of all immigrants that come from Europe as opposed to Asia, Africa, the Middle East, and the rest of the world. [Currently 37% of all immigrants to the UK are from the EU and the rest are from Asia, Africa, the Middle East, and the rest of the world.] What percentage of all immigrants would to the UK would you like to see coming from the EU?

Slider scale between 0 and 100; 0 labeled 0% EU and 100% non-EU; 100 labeled 100% EU and 0% non-EU Control condition: defaults to blank Treatment condition: defaults to 37%