

1483²⁰²⁵

SOEP Survey Papers
Series D – Variable Descriptions and Coding

SOEP-IS 2023 – ILOTTERY: Variables from an Innovative Lottery Experiment in 2016

SOEP-IS Group

Running since 1984, the German Socio-Economic Panel (SOEP) is a wide-ranging representative longitudinal study of private households, located at the German Institute for Economic Research, DIW Berlin.

The aim of the SOEP Survey Papers Series is to thoroughly document the survey's data collection and data processing. The SOEP Survey Papers is comprised of the following series:

- Series A – Survey Instruments (Erhebungsinstrumente)
- Series B – Survey Reports (Methodenberichte)
- Series C – Data Documentation (Datendokumentationen)
- Series D – Variable Descriptions and Coding
- Series E – SOEPmonitors
- Series F – SOEP Newsletters
- Series G – General Issues and Teaching Materials

The SOEP Survey Papers are available at <http://www.diw.de/soepsurveyspapers>

Editors:

Dr. Jan Goebel, DIW Berlin

Dr. Christian Hunkler, DIW Berlin

Prof. Dr. Philipp Lersch, DIW Berlin and Humboldt-Universität zu Berlin

Dr. Levent Neyse, DIW Berlin and Berlin Social Science Center (WZB)

Prof. Dr. Carsten Schröder, DIW Berlin and Freie Universität Berlin

Prof. Dr. Sabine Zinn, DIW Berlin and Humboldt-Universität zu Berlin

Please cite this paper as follows:

SOEP-IS Group, 2025. SOEP-IS 2023 – ILOTTERY: Variables from an Innovative Lottery Experiment in 2016. SOEP Survey Papers 1483: Series D – Variable Descriptions and Coding. Berlin: DIW Berlin/SOEP



This work is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.

© 2025 by SOEP

ISSN: 2193-5580 (online)

DIW Berlin
German Socio-Economic Panel (SOEP)
Mohrenstr. 58
10117 Berlin
Germany

soeppapers@diw.de

SOEP-IS 2023 – ILOTTERY: Variables from an Innovative Lottery Experiment in 2016

SOEP-IS Group

2025

Contents

1 Identifier	3
cid – Case-ID, Original Household Number	3
hid – Current Household Number	3
pid1 – Never Changing Person Id Player 1	4
pid2 – Never Changing Person Id Player 2	5
syear – Survey-Year	5
2 Collective vs. Individual Risk Attitudes	6
exp_split – Split „Secretly“ or „Openly“ after Decision 1	6
exp_erg1 – Decision sheet 1: Decision of Player 1	6
exp_erg2 – Decision sheet 1: Decision of Player 2	6
exp_erg3 – Decision sheet 2: Decision scenario 1 Player 1	7
exp_erg4 – Decision sheet 2: Decision scenario 2 Player 1	7
exp_erg5 – Decision sheet 2: Decision scenario 3 Player 1	8
exp_erg6 – Decision sheet 2: Decision scenario 4 Player 1	8
exp_erg7 – Decision sheet 2: Decision scenario 1 Player 2	9
exp_erg8 – Decision sheet 2: Decision scenario 2 Player 2	9
exp_erg9 – Decision sheet 2: Decision scenario 3 Player 2	10
exp_erg10 – Decision sheet 2: Decision scenario 4 Player 2	10
exp_z1 – Heads or Tails – Decision sheet 1 Player 1	11
exp_euro1 – Amount of EUR – Decision sheet 1 Player 1	11
exp_z2 – Heads or Tails – Decision sheet 1 Player 2	12
exp_z3 – Random decision scenario in decision sheet 2	12
exp_z4 – Random decision scenarios 1 and 2: Who is Player A?	12
exp_z5 – Heads or Tails – Decision sheet 2: Scenario 1 or 2?	13
exp_euro2 – Amount of EUR – Decision sheet 2: Scenario 1	13
exp_euro3 – Amount of EUR – Decision sheet 2: Scenario 2	14
exp_z6 – Heads or Tails – Decision sheet 2: Scenario 3 or 4?	14
exp_euro4 – Amount of EUR – Decision sheet 2: Scenario 3 and Tails	14
exp_euro5 – Amount of EUR – Decision sheet 2: Scenario 3 and Heads	15
exp_Nr – Which player has the lowest number in scenario 4?	16
exp_euro6 – Amount of EUR – Decision sheet 2: Scenario 4	16
exp_euro7 – Exact amount of EUR won	17
exp_euro8 – Rounded amount of EUR won	17
exp_z7 – Random decision for payout (number 1 wins)	18
exp_euro9 – Amount of EUR paid out to household after winning	18

1 Identifier

cid – Case-ID, Original Household Number

921130	1
921238	1
921297	1
921386	1
921491	1
921610	1
921700	1
921726	1
921793	1
921815	1
921858	1
921874	1
922064	1
922412	1
923656	1
... (471 rows omitted)	475
4087815	1
4087939	1
4088048	1
4088234	1
4089370	1
4089443	1
4089702	1
-1 No Answer	0
-2 Does not apply	0
-3 Answer improbable	0
-4 Inadmissible multiple response	0
-5 Not included in this version of the questionnaire	0
-6 Version of questionnaire with modified filtering	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

hid – Current Household Number

901644	1
901750	1
901873	1
902012	1
902110	1
902365	1
902527	1
902640	1
902802	1
902977	1

903493		1
903515		1
903779		1
904406		1
904716		1
...	(475 rows omitted)	475
4087815		1
4087939		1
4088048		1
4088234		1
4089370		1
4089443		1
4089702		1
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

pid1 – Never Changing Person Id Player 1

9018703		1
9026402		1
9035102		1
9211302		1
9212304		1
9212901		1
9213801		1
9214901		1
9216103		1
9217001		1
9217201		1
9217901		1
9218101		1
9218501		1
9218701		1
...	(475 rows omitted)	475
40878101		1
40879301		1
40880401		1
40882301		1
40893701		1
40894401		1
40897001		1
-1	No Answer	0
-2	Does not apply	0

-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

pid2 – Never Changing Person Id Player 2

9016402		1
9017502		1
9018704		1
9020102		1
9023602		1
9025202		1
9028002		1
9029702		1
9034902		1
9037702		1
9044002		1
9047102		1
9049002		1
9211303		1
9212302		1
...	(475 rows omitted)	475
40878102		1
40879303		1
40880402		1
40882302		1
40893702		1
40894402		1
40897002		1
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

syear – Survey Year

2016		497
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0

-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

2 Collective vs. Individual Risk Attitudes

exp_split – Split „Secretly“ or „Openly“ after Decision 1

1	[1] Secretly	258
2	[2] Openly	239
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg1 – Decision sheet 1: Decision of Player 1

1	[1] Game 1	90
2	[2] Game 2	17
3	[3] Game 3	24
4	[4] Game 4	19
5	[5] Game 5	45
6	[6] Game 6	118
7	[7] Game 7	29
8	[8] Game 8	21
9	[9] Game 9	21
10	[10] Game 10	16
11	[11] Game 11	97
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg2 – Decision sheet 1: Decision of Player 2

1	[1] Game 1	87
2	[2] Game 2	26
3	[3] Game 3	34
4	[4] Game 4	20
5	[5] Game 5	44
6	[6] Game 6	105
7	[7] Game 7	36
8	[8] Game 8	34
9	[9] Game 9	21
10	[10] Game 10	16
11	[11] Game 11	74
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg3 – Decision sheet 2: Decision scenario 1 Player 1

1	[1] Game 1	118
2	[2] Game 2	42
3	[3] Game 3	55
4	[4] Game 4	36
5	[5] Game 5	45
6	[6] Game 6	57
7	[7] Game 7	23
8	[8] Game 8	17
9	[9] Game 9	21
10	[10] Game 10	12
11	[11] Game 11	71
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg4 – Decision sheet 2: Decision scenario 2 Player 1

1	[1] Game 1	80
2	[2] Game 2	57
3	[3] Game 3	40

4	[4] Game 4	39
5	[5] Game 5	49
6	[6] Game 6	76
7	[7] Game 7	37
8	[8] Game 8	20
9	[9] Game 9	21
10	[10] Game 10	14
11	[11] Game 11	64
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg5 – Decision sheet 2: Decision scenario 3 Player 1

1	[1] Game 1	67
2	[2] Game 2	26
3	[3] Game 3	58
4	[4] Game 4	34
5	[5] Game 5	51
6	[6] Game 6	66
7	[7] Game 7	34
8	[8] Game 8	29
9	[9] Game 9	30
10	[10] Game 10	16
11	[11] Game 11	86
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg6 – Decision sheet 2: Decision scenario 4 Player 1

1	[1] Game 1	94
2	[2] Game 2	28
3	[3] Game 3	35
4	[4] Game 4	47
5	[5] Game 5	29
6	[6] Game 6	50

7	[7] Game 7	32
8	[8] Game 8	28
9	[9] Game 9	33
10	[10] Game 10	36
11	[11] Game 11	85
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg7 – Decision sheet 2: Decision scenario 1 Player 2

1	[1] Game 1	136
2	[2] Game 2	45
3	[3] Game 3	43
4	[4] Game 4	43
5	[5] Game 5	43
6	[6] Game 6	59
7	[7] Game 7	23
8	[8] Game 8	17
9	[9] Game 9	16
10	[10] Game 10	12
11	[11] Game 11	60
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg8 – Decision sheet 2: Decision scenario 2 Player 2

1	[1] Game 1	61
2	[2] Game 2	48
3	[3] Game 3	46
4	[4] Game 4	62
5	[5] Game 5	41
6	[6] Game 6	77
7	[7] Game 7	37
8	[8] Game 8	25
9	[9] Game 9	23

10	[10] Game 10	19
11	[11] Game 11	58
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg9 – Decision sheet 2: Decision scenario 3 Player 2

1	[1] Game 1	59
2	[2] Game 2	35
3	[3] Game 3	46
4	[4] Game 4	38
5	[5] Game 5	53
6	[6] Game 6	72
7	[7] Game 7	47
8	[8] Game 8	35
9	[9] Game 9	25
10	[10] Game 10	21
11	[11] Game 11	66
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_erg10 – Decision sheet 2: Decision scenario 4 Player 2

1	[1] Game 1	89
2	[2] Game 2	32
3	[3] Game 3	41
4	[4] Game 4	46
5	[5] Game 5	45
6	[6] Game 6	51
7	[7] Game 7	27
8	[8] Game 8	35
9	[9] Game 9	24
10	[10] Game 10	24
11	[11] Game 11	83
-1	No Answer	0

-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_z1 – Heads or Tails – Decision sheet 1 Player 1

1	[1] Tails	233
2	[2] Heads	264
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_euro1 – Amount of EUR – Decision sheet 1 Player 1

0		58
1		6
2		6
3		5
4		18
5		63
6		26
7		8
8		11
9		13
10		90
12		4
14		13
16		11
18		19
20		55
22		11
24		16
26		15
28		10
30		39
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0

-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_z2 – Heads or Tails – Decision sheet 1 Player 2

1	[1] Tails	258
2	[2] Heads	239
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_z3 – Random decision scenario in decision sheet 2

1	[1] Scenario 1	125
2	[2] Scenario 2	135
3	[3] Scenario 3	125
4	[4] Scenario 4	112
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_z4 – Random decision scenarios 1 and 2: Who is Player A?

1	[1] Player 1	131
2	[2] Player 2	129
-1	No Answer	0
-2	Does not apply	237
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0

-8 Question not part of the survey program this year 0

exp_z5 - Heads or Tails - Decision sheet 2: Scenario 1 or 2?

1	[1] Tails	126
2	[2] Heads	134
-1	No Answer	0
-2	Does not apply	237
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_euro2 - Amount of EUR - Decision sheet 2: Scenario 1

0		8
1		1
2		4
3		1
4		2
5		10
6		7
7		4
8		5
9		5
10		35
12		5
14		7
16		5
18		4
20		4
22		2
24		2
26		3
28		2
30		9
-1	No Answer	0
-2	Does not apply	372
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_euro3 – Amount of EUR – Decision sheet 2: Scenario 2

0	4
1	4
2	6
3	4
4	4
5	10
6	4
7	8
8	10
9	12
10	11
12	4
14	4
16	9
18	7
20	16
22	4
24	3
26	3
28	1
30	7
-1 No Answer	0
-2 Does not apply	362
-3 Answer improbable	0
-4 Inadmissible multiple response	0
-5 Not included in this version of the questionnaire	0
-6 Version of questionnaire with modified filtering	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

exp_z6 – Heads or Tails – Decision sheet 2: Scenario 3 or 4?

1 [1] Tails	246
2 [2] Heads	251
-1 No Answer	0
-2 Does not apply	0
-3 Answer improbable	0
-4 Inadmissible multiple response	0
-5 Not included in this version of the questionnaire	0
-6 Version of questionnaire with modified filtering	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

exp_euro4 – Amount of EUR – Decision sheet 2: Scenario 3 and Tails

10	2
12	1
13	3
14	5
15	1
16	2
17	4
18	1
19	6
20	11
21	7
22	5
23	2
24	3
25	2
26	3
27	1
28	1
30	3
-1 No Answer	0
-2 Does not apply	434
-3 Answer improbable	0
-4 Inadmissible multiple response	0
-5 Not included in this version of the questionnaire	0
-6 Version of questionnaire with modified filtering	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

exp_euro5 - Amount of EUR - Decision sheet 2: Scenario 3 and Heads

0	2
0.5	2
1	1
1.5	1
2	4
2.5	3
3	3
3.5	3
4	3
4.5	3
5	8
5.5	2
6	5
6.5	7
7	4
7.5	2
8	5
8.5	3
9.5	1

-1	No Answer	0
-2	Does not apply	435
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_Nr - Which player has the lowest number in scenario 4?

1	[1] Player 1	211
2	[2] Player 2	206
3	[3] Both players	80
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_euro6 - Amount of EUR - Decision sheet 2: Scenario 4

0		2
1		4
2		1
4		3
5		3
6		3
7		7
8		4
9		7
10		40
12		4
14		3
16		8
18		7
20		5
22		1
24		4
28		2
30		4
-1	No Answer	0
-2	Does not apply	385
-3	Answer improbable	0

-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_euro7 - Exact amount of EUR won

0		1
1		2
4		2
5		3
8		2
9		1
10		1
11		2
12		2
12.5		1
13		2
13.5		1
14		3
15		5
15.5		1
...	(68 rows omitted)	453
66		4
70		5
74		1
80		1
82		2
85		1
86		1
-1	No Answer	0
-2	Does not apply	0
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0

exp_euro8 - Rounded amount of EUR won

0		3
5		5
10		8
15		24
20		32

25	60
30	74
35	57
40	66
45	53
50	42
55	24
60	25
65	13
70	5
75	1
80	3
85	2
-1 No Answer	0
-2 Does not apply	0
-3 Answer improbable	0
-4 Inadmissible multiple response	0
-5 Not included in this version of the questionnaire	0
-6 Version of questionnaire with modified filtering	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

exp_z7 - Random decision for payout (number 1 wins)

1 [1] wins payout	102
2	99
3	84
4	113
5	99
-1 No Answer	0
-2 Does not apply	0
-3 Answer improbable	0
-4 Inadmissible multiple response	0
-5 Not included in this version of the questionnaire	0
-6 Version of questionnaire with modified filtering	0
-7 Only available in less restricted edition	0
-8 Question not part of the survey program this year	0

exp_euro9 - Amount of EUR paid out to household after winning

5	1
10	5
15	6
20	6
25	7
30	16
35	11

40		16
45		8
50		12
55		3
60		8
70		2
80		1
-1	No Answer	0
-2	Does not apply	395
-3	Answer improbable	0
-4	Inadmissible multiple response	0
-5	Not included in this version of the questionnaire	0
-6	Version of questionnaire with modified filtering	0
-7	Only available in less restricted edition	0
-8	Question not part of the survey program this year	0