

## Electronic Supplementary Material 1 for

Strömbäck, J., Broda, E., Tsfati, Y., Kossowska, M., Vliegenthart, R. (2024). Disentangling the relationship between conspiracy mindset versus beliefs in specific conspiracy theories. *Zeitschrift für Psychologie*, 232(1). <https://doi.org/10.1027/2151-2604/a000546>

## Online Appendix A

Table E1. Sample structure

Age	Frequency	Percent
Under 30	101	6.11
30-39	200	12.09
40-49	249	15.05
50-59	307	18.56
60-69	380	22.97
70 or older	417	25.21
Total	1654	100
<b>Education</b>		
Not completed elementary school	4	.24
Elementary school	68	4.11
High school or equivalent, less than three years	220	13.30
High school or equivalent, three years or longer	320	19.35
Post-high school education, not university, less than three years	223	13.48
Post-high school education, not university, three years or more	84	5.08
University, less than three years	285	17.23
University, three years or more	410	24.79
PhD exam	40	2.42
Total	1654	100
<b>Sex</b>		
Female	820	49.58

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Male	834	50.42
Total	1654	100
<b>Ideology</b>		
Left	229	13.85
Somewhat left	437	26.42
Neither left nor right	316	19.11
Somewhat right	421	25.45
right	246	14.87
Missing	5	.03
Total	1654	100

**Table E2. Panel retention and attrition**

	Number of participants	Percentage retention	Percentage attrition
Wave 1	2477		
Wave 2	2176	87.85%	12.15%
Wave 3	2103	96.65%	3.35%

Notes: Based on participants who partially or fully completed each wave respectively

**Table E3. Logistic regression with wave 1 variables predicting survey completion**

	wave 2 N=2344	wave 3 N=1956
30-39 years old	-.07	.43
40-49 years old	-.31	.79***
50-59 years old	-.53**	1.14***
60-69 years old	-1.29***	2.10***
70 or older	-1.36***	1.94***
Medium education	.10	-.07
High education	.09	.07
Sex (m)	-.15	.15
Ideology	-.05	.05
Conspiracy mindset w1	.69**	/
Conspiracy mindset w2	/	-.63*

Notes: the reference category for all age variables is 30 or younger; the reference category for medium and high education is low education

### Measurements of control variables in SEM models

*Age* was measured by asking participants to indicate which of the following age groups is applicable to them:

Under 30 years old

30-39 years old

40-49 years old

50-59 years old

60-69 years old

70 years old or older

*Gender* was measured by asking participants to indicate which of the following options is applicable to them: Female / Male

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*Education* was measured by asking participants to indicate their level of education from the following options:

Not completed elementary school

Elementary school

High school or equivalent, shorter than 3 years

High school or equivalent, 3 years or longer

Post-high school education, not university, less than three years

Post-high school education, not university, three years or more

University, less than three years

University, three years or more

PhD exam

*Ideology* was measured by asking participants to place themselves on scale from left to right:

Strongly left-leaning

Somewhat left-leaning

Neither left nor right leaning

Somewhat right-leaning

Strongly right-leaning

**Online Appendix B**

**Table E4. Correlation matrix for statements that are included in the conspiracy mindset scale (Wave 1).**

		<b>Correlations</b>			
		Many important things happen in the world that the public is never informed about	Governmental agencies' official versions of events oftentimes hide the truth	Scientists often only reveal results of their research that support their predetermined conclusions	There are secret organizations that greatly influence political decisions
Many important things happen in the world that the public is never informed about	Pearson Correlation	1	.576**	.449**	.472**
	Sig. (2-tailed)		.000	.000	.000
	N	1642	1633	1634	1628
Governmental agencies' official versions of events oftentimes hide the truth	Pearson Correlation	.576**	1	.563**	.504**
	Sig. (2-tailed)	.000		.000	.000
	N	1633	1638	1631	1629
Scientists often only reveal results of their research that support their predetermined conclusions	Pearson Correlation	.449**	.563**	1	.473**
	Sig. (2-tailed)	.000	.000		.000
	N	1634	1631	1638	1628
There are secret organizations that greatly influence political decisions	Pearson Correlation	.472**	.504**	.473**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	1628	1629	1628	1634

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\*\* . Correlation is significant at the 0.01 level (2-tailed).

**Table E5. Correlation matrix for statements that are included in the conspiracy mindset scale (Wave 2).**

		<b>Correlations</b>			
		Many important things happen in the world that the public is never informed about	Government al agencies' official versions of events oftentimes hide the truth	Scientists often only reveal results of their research that support their predetermine d conclusions	There are secret organization s that greatly influence political decisions
Many important things happen in the world that the public is never informed about	Pearson Correlation	1	.555**	.464**	.508**
	Sig. (2-tailed)		.000	.000	.000
	N	1648	1644	1642	1638
Governmental agencies' official versions of events oftentimes hide the truth	Pearson Correlation	.555**	1	.581**	.568**
	Sig. (2-tailed)	.000		.000	.000
	N	1644	1645	1642	1637
Scientists often only reveal results of their research that support their predetermined conclusions	Pearson Correlation	.464**	.581**	1	.474**
	Sig. (2-tailed)	.000	.000		.000
	N	1642	1642	1643	1635
	Pearson Correlation	.508**	.568**	.474**	1
	Sig. (2-tailed)	.000	.000	.000	

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There are secret organizations that greatly influence political decisions	N	1638	1637	1635	1640
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\*\* . Correlation is significant at the 0.01 level (2-tailed).

**Table E6. Correlation matrix for statements that are included in the conspiracy mindset scale (Wave 3).**

		<b>Correlations</b>			
		Many important things happen in the world that the public is never informed about	Governmental agencies' official versions of events oftentimes hide the truth	Scientists often only reveal results of their research that predetermined conclusions	There are secret organizations that greatly influence political decisions
Many important things happen in the world that the public is never informed about	Pearson Correlation	1	.598**	.498**	.539**
	Sig. (2-tailed)		.000	.000	.000
	N	1642	1637	1634	1634
Governmental agencies' official versions of events oftentimes hide the truth	Pearson Correlation	.598**	1	.625**	.572**
	Sig. (2-tailed)	.000		.000	.000
	N	1637	1643	1632	1634
	Pearson Correlation	.498**	.625**	1	.497**
	Sig. (2-tailed)	.000	.000		.000

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Scientists often only reveal results of their research that support their predetermined conclusions	N	1634	1632	1637	1629
There are secret organizations that greatly influence political decisions	Pearson Correlation	.539**	.572**	.497**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	1634	1634	1629	1637

\*\* . Correlation is significant at the 0.01 level (2-tailed).



**Online Appendix C**

**Distribution conspiracy mindset and belief in specific conspiracies (1-4) across waves**

Figure E1. Conspiracy mindset wave 1.

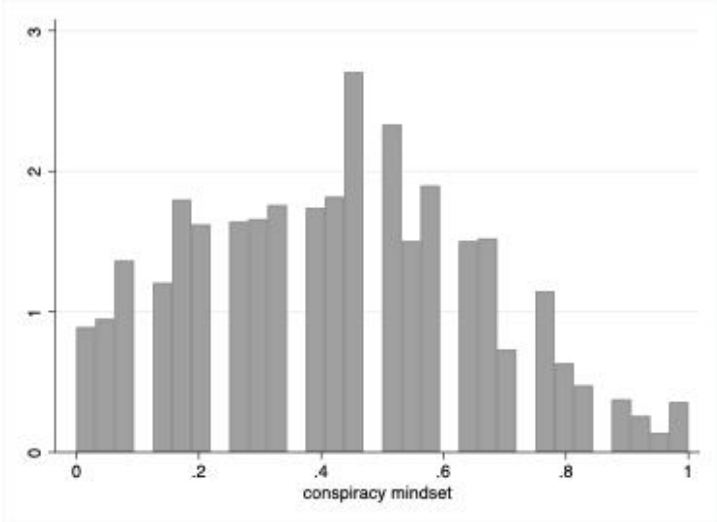


Figure E2. Conspiracy mindset wave 2.

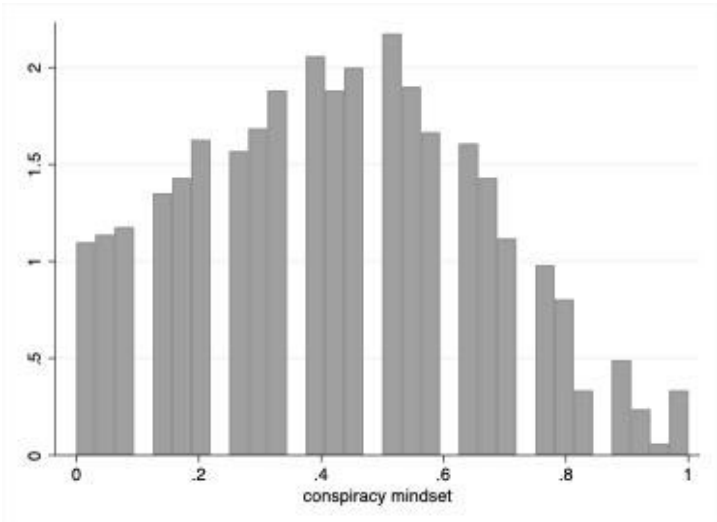


Figure E3. conspiracy mindset wave 3.

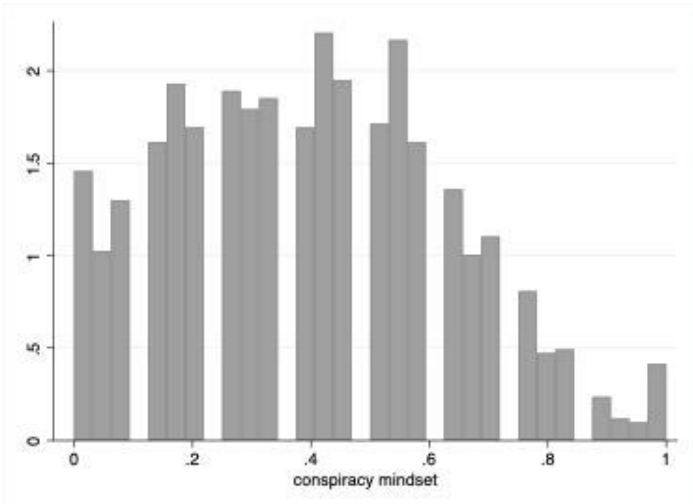


Figure E4. Great Replacement wave 1.

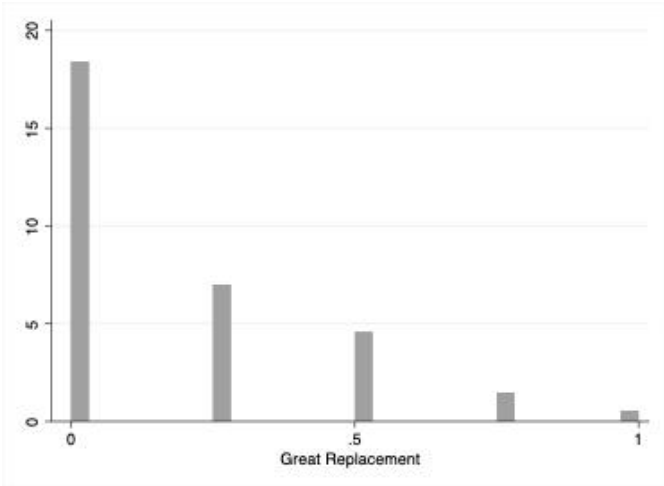


Figure E5. Great Replacement wave 2.

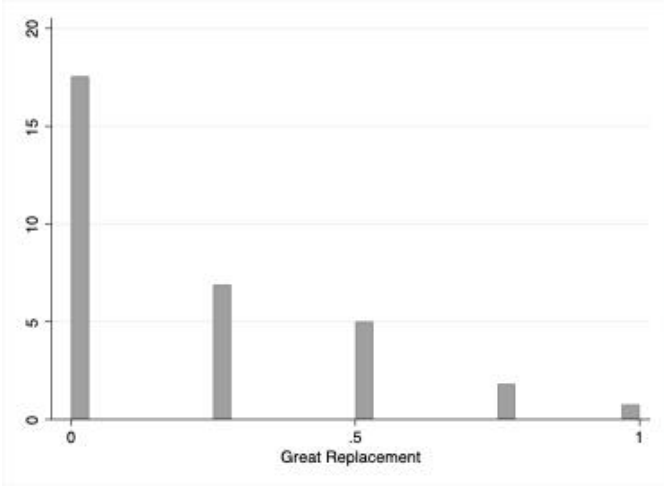


Figure E6. Great Replacement wave 3.

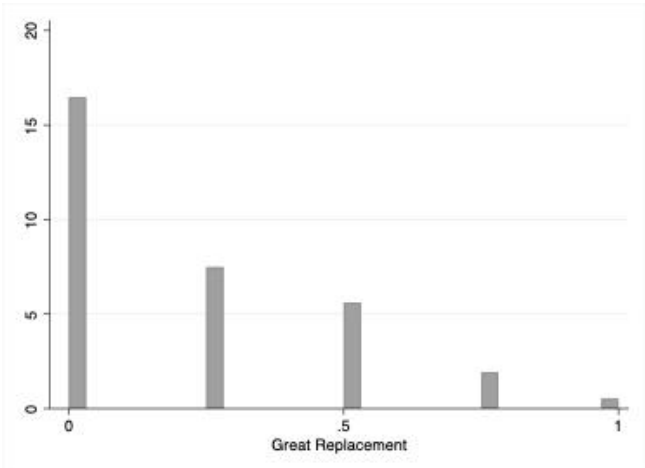


Figure E7. Covid bioweapon wave 1.

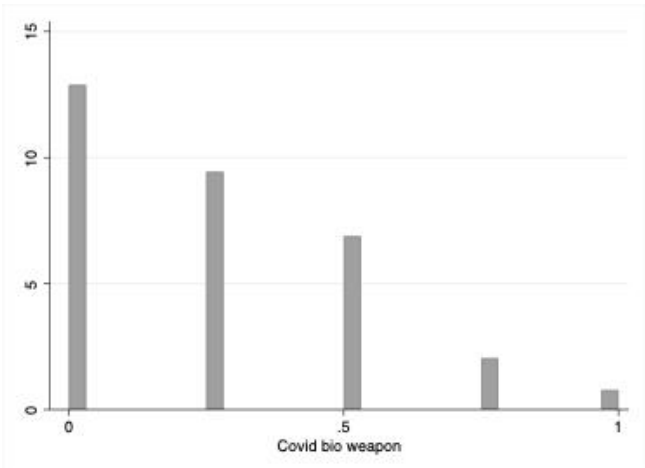


Figure E8. Covid bioweapon wave 2.

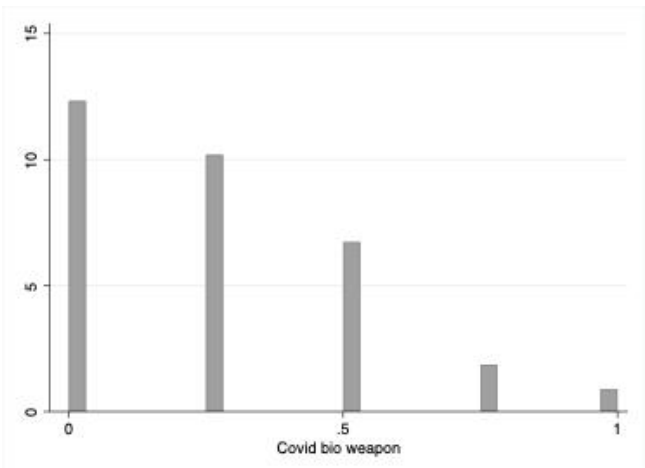


Figure E9. Covid bioweapon wave 3.

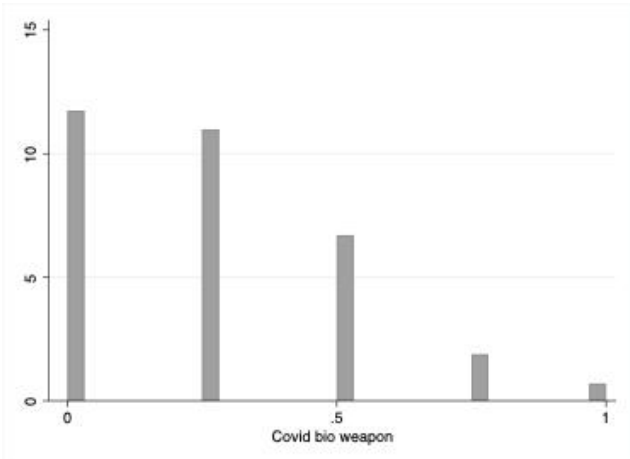


Figure E10. Estonia catastrophe wave 1.

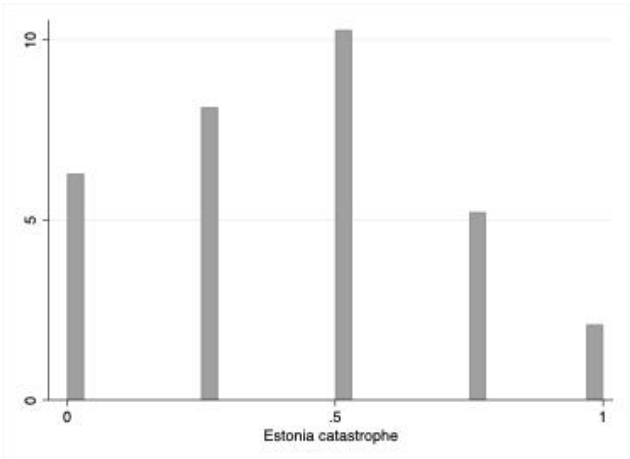


Figure E11. Estonia catastrophe wave 2.

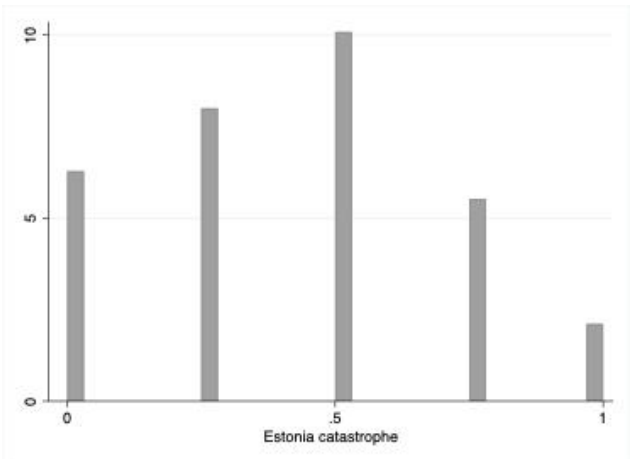


Figure E12. Estonia catastrophe wave 3.

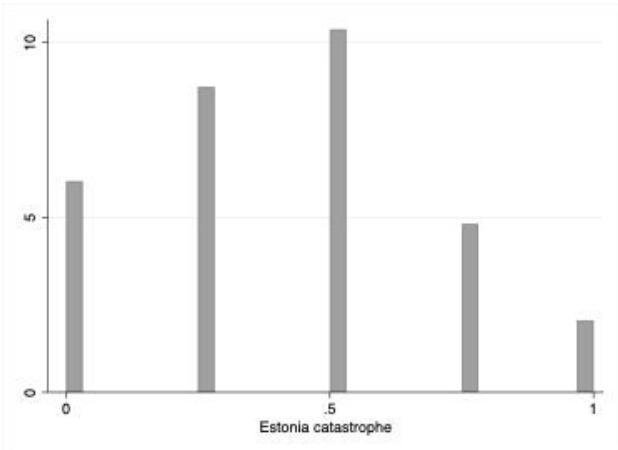


Figure E13. Big Pharma wave 1.

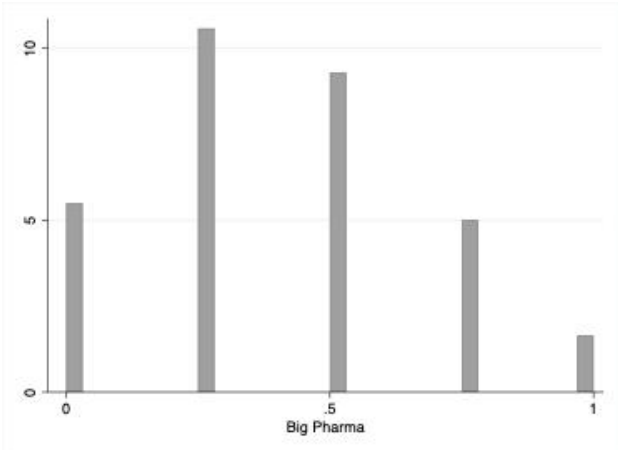


Figure E14. Big Pharma wave 2.

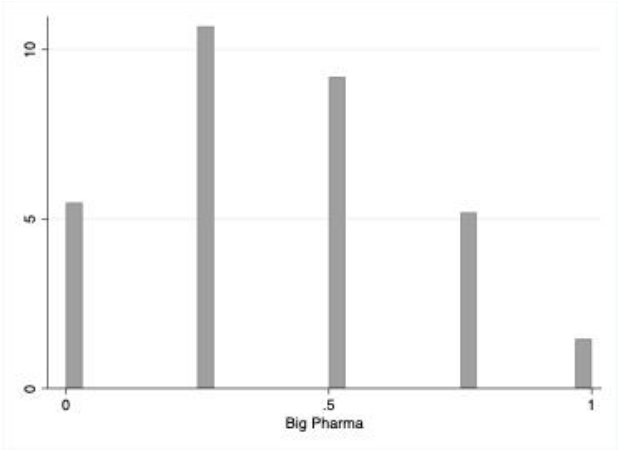
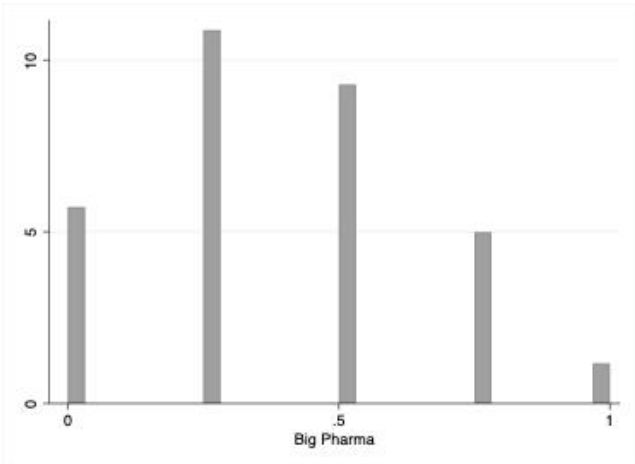


Figure E15. Big Pharma wave 3.



### Online Appendix D

The table below presents tests for normality. The Shapiro Wilk test should be preferred as our n is smaller than 2000. Significant values represent deviations from normality. The specific conspiracies in all waves are in the upper part of the table. The conspiracy mindset scale is for the three waves is at the bottom. As can be seen, in all cases the distributions significantly deviate from normality, as described in the text. However, the higher values of the Shapiro-Wilk test (and lower values for the Kolmogorov-Smirnov test) for the conspiracy mindset scale in all three waves supports the argument that the scales are more normally distributed compared to beliefs in specific conspiracies.

**Table E7. Kolmogorob-Smirnov and Shapiro-Wilk tests for normality for beliefs in specific conspiracy theories and the conspiracy mindset scale.**

	Tests of Normality					
	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Wave 1: There is a secret plan to replace white Christians in Europe with Muslims	.342	1606	.000	.729	1606	.000
Wave 1: The Coronavirus was created as a biological weapon	.237	1606	.000	.832	1606	.000
Wave 1: The real reason for the Estonia-catastrophe has been hidden by the authorities	.166	1606	.000	.908	1606	.000
Wave 1: The pharmaceutical industries very often hide dangerous side-effects of their medicines	.206	1606	.000	.905	1606	.000

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Wave 2: There is a secret plan to replace white Christians in Europe with Muslims	.324	1606	.000	.750	1606	.000
Wave 2: The Coronavirus was created as a biological weapon	.226	1606	.000	.835	1606	.000
Wave 2: The real reason for the Estonia-catastrophe has been hidden by the authorities	.169	1606	.000	.908	1606	.000
Wave 2: The pharmaceutical industries very often hide dangerous side-effects of their medicines	.207	1606	.000	.905	1606	.000
Wave 3: There is a secret plan to replace white Christians in Europe with Muslims	.306	1606	.000	.775	1606	.000
Wave 3: The Coronavirus was created as a biological weapon	.220	1606	.000	.842	1606	.000
Wave 3: The real reason for the Estonia-catastrophe has been hidden by the authorities	.172	1606	.000	.907	1606	.000
Wave 3: The pharmaceutical industries very often hide dangerous side-effects of their medicines	.208	1606	.000	.902	1606	.000
Conspiracy mindset scale Wave 1	.063	1606	.000	.982	1606	.000
Conspiracy mindset scale Wave 2	.058	1606	.000	.982	1606	.000
Conspiracy mindset scale Wave 3	.068	1606	.000	.978	1606	.000

a. Lilliefors Significance Correction