Online Appendix "Does Age and Maltreatment Matter? A Survey Experiment of the Nordic Populations' Attitudes Towards Participation"

The six vignettes that was randomly distributed to the respondents, each respondent receiving only one of the six versions (English version).

VIGNETTE 1: Consider the following: The child protection services have received reports of concern from several sources that a *5-year-old child is being subjected to sexual violence* by someone in the family. The child protection services are investigating the case.

VIGNETTE 2: Consider the following: The child protection services have received reports of concern from several sources that a *5-year-old child is being subjected to physical violence* by someone in the family. The child protection services are investigating the case.

VIGNETTE 3: Consider the following: The child protection services have received reports of concern from several sources that a *5-year-old child is subjected to emotional neglect (the child is ignored and emotional needs such as affection, recognition and emotional support are not met)* by someone in the family. The child protection services are investigating the case.

VIGNETTE 4: Consider the following: The child protection services have received reports of concern from several sources that a *15-year-old child is being subjected to sexual violence* by someone in the family. The child protection services are investigating the case.

VIGNETTE 5: Consider the following: The child protection services have received reports of concern from several sources that a *15-year-old child is being subjected to physical violence* by someone in the family. The child protection services are investigating the case.

VIGNETTE 6: Consider the following: The child protection services have received reports of concern from several sources that a *15-year-old child is subjected to emotional neglect (the child is ignored and emotional needs such as affection, recognition and emotional support are not met)* by someone in the family. The child protection services are investigating the case.

Table A1. Descriptive demographics for the full survey sample, total N=5073. All countries.*

	N	Per cent	Mean	SD	Min./Max.
Gender	5073	100	1,5	,501	1/3
Man	2540	50,1			
Woman	2530	49,9			
Non-binary (only Iceland)	3	0,1			
Age group	5073	100	1,93	,705	1/3
18-34 years	1452	28,6			
35-64 years	2529	49,9			
65+ years	1092	21,5			

	N	Per cent	Mean	SD	Min./Max.
Education	5014	100	1,52	,500	1/2
Low	2402	47,9			
High	2612	52,1			
Income	4211	100	1,61	,672	1/3
Low	2104	50,0			
Middle	1660	39,4			
High	447	10,6			
Political ideology	4207	100	1,98	,88	1/3
Right	1685	40,0			
Centre	919	21,8			
Left	1604	38,1			

* Operationalisation of demographic variables: BLINDED FOR REVIEW.

Table A2. Descriptive demographics for the 'Participation' sample, total N=4376. All countries.

	N	Per cent	Mean	SD	Min./Max.
Gender	4376	100	1,5	,501	1/3
Man	2186	49,9			
Woman	2187	50,0			
Non-binary (only Iceland)	3	0,1			
Age group	4376	100	1,93	,710	1/3
18-34 years	1259	28,8			
35-64 years	2151	49,2			
65+ years	966	22,1			
Education	4334	100	1,53	,499	1/2
Low	2048	47,3			
High	2286	52,7			
Income	3734	100	1,61	,671	1/3
Low	1861	49,8			
Middle	1477	39,6			
High	396	10,6			
Political ideology	3732	100			1/3
Right	1499	40,2			
Centre	802	21,5			
Left	1430	38,3			

Table A3. Descriptive demographics for the 'Protection' sample, total N=4001. All countries.

	N	Per cent	Mean	SD	Min./Max.
Gender	4001	100	1,51	,501	1/3
Man	2041	51,0			
Woman	1958	48,9			
Non-binary (only Iceland)	2	0,05			
Age group	4001	100	1,94	,713	1/3
18-34 years	1138	28,4			
35-64 years	1957	48,9			
65+ years	907	22,7			
Education	3970	100	1,53	,499	1/2
Low	1855	46,7			
High	2115	53,3			
Income	3436	100	1,62	,674	1/3
Low	1681	48,9			
Middle	1380	40,2			
High	375	10,9			
Political ideology	3443	100	1,99	,883	1/3
Right	1364	39,6			
Centre	761	22,1			
Left	1318	38,3			

Table AH1. Chi-Square test of independence between Participation and Protection with pairwise z-test post hoc test. Bonferroni adjusted values.

	Protection									
	Strongly disagree		Disagree		Agree		Strongly agree		Total	
	N=	%	N=	%	N=	%	N=	%	N=	%
Yes, directly or indirectly	1017[a]	98,9%	1901[b]	95,1%	471[c]	73,6%	128[c]	66,9%	3517	91,1%
No	11[a]	1,1%	98[b]	4,9%	169[c]	26,4%	64[c]	33,1%	342	8,9%
Total	1028	100,0%	1999	100,0%	640	100,0%	192	100,0%	3859	100,0%

	Chi-square	502,324
	df	3

| | | | | | | Sig. | <,001* |

Note. Values in the same row and subtable not sharing the same subscript are significantly different at p< .01 in the two-sided test of equality for column proportions.

p ≤ ,0012 (Bonferroni-corrected p-value)

Table AH1. Means (SD), CI mean (95%), median and percentage distribution of Participation and Protection by country and total (n=4376/4001).

| | | Country | | | | | |
		Norway	*Sweden*	*Denmark*	*Finland*	*Iceland*	*Total*
Participate	Mean (SD)	0.89 (0.313)	0.89 (0.311)	0.86 (0.345)	0.92 (0.278)	0.96 (0.198)	0.90 (0.294)
	CI mean (95%) (lower/upper)	0,87/0,91	0,87/0,91	0,84/0,89	,90/0,93	0,95/0,97	0,90/0,91
	Median	1.00	1.00	1.00	1.00	1.00	1.00
	No	93 (11.0%)	96 (10.8%)	118 (13.7%)	75 (8.5%)	37 (4.1%)	419 (9.6%)
	Yes (direct / indirect)	751 (89.0%)	791 (89.2%)	742 (86.3%)	808 (91.5%)	865 (95.9%)	3957 (90.4%)
	Total	844 (100%)	887 (100%)	860 (100%)	883 (100%)	902 (100%)	4376 (100%)
Protection	Mean (SD)	2.11 (0.808)	1.93 (0.853)	2.12 (0.770)	2.14 (0.764)	1.77 (0.701)	2.01 (0.794)
	CI mean (95%) (lower/upper)	2,05/2,17	1,87/1,98	2,07/2,18	2,09/2,20	1,73/1,82	1,99/2,04
	Median	2.00	2.00	2.00	2.00	2.00	2.00
	Strongly disagree	172 (22.0%)	287 (34.7%)	144 (19.0%)	138 (17.4%)	300 (35.6%)	1041 (26.0%)
	Disagree	395 (50.5%)	363 (43.9%)	415 (54.8%)	450 (56.7%)	456 (54.2%)	2079 (52.0%)
	Agree	171 (21.9%)	130 (15.7%)	159 (21.0%)	160 (20.2%)	63 (7.5%)	683 (17.1%)
	Strongly agree	44 (5.6%)	47 (5.7%)	39 (5.2%)	45 (5.7%)	23 (2.7%)	198 (4.9%)
	Total	782 (100%)	827 (100%)	757 (100%)	793 (100%)	842 (100%)	4001 (100%)

Table AH3a Chi-Square test of independence between Participation and Country with pairwise z-test (p< .01) post hoc test. Bonferroni adjusted values.

| | Country | | | | | | | | | | | |
| | Norway | | Sweden | | Denmark | | Finland | | Iceland | | Total | |
	N=	%	N=	%	N=	%	N=	%	N=	%	N=	%
Yes, directly or indirectly	751[a,b]	89,0%	791[a,b]	89,2%	742[a]	86,2%	808[b]	91,5%	865[c]	95,9%	3957	90,4%

No	93[a,b]	11,0%	96[a,b]	10,8%	118[a]	13,8%	75[b]	8,5%	37[c]	4,1%	419	9,6%
Total	845	100,0%	887	100,0%	861	100,0%	883	100,0%	902	100,0%	4376	100,0%
									Chi-square	53,099
									df	4
									Sig.	<,001*

Note. Values in the same row and subtable not sharing the same subscript are significantly different at p< .01 in the two-sided test of equality for column proportions.

$p \leq ,001$ (Bonferroni-corrected p-value)

Table AH3b. Chi-Square test of independence between Protection and Country. Bonferroni adjusted values.

Pearson Chi-Square Tests	
Chi-square	190,757
Df	12
Asymptotic Significance (2-sided)	<,001

Table AH3c. Kruskal Wallis Independent samples test with post hoc pairwise comparison for differences in Protection between countries. Bonferroni adjusted values.

	Pairwise Comparisons of Country of respondent				
Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig.
Iceland-Sweden	162,568	51,662	3,147	,002	,017
Iceland-Norway	459,299	52,456	8,756	<,001	,000
Iceland-Denmark	483,282	52,922	9,132	<,001	,000
Iceland-Finland	508,277	52,250	9,728	<,001	,000
Sweden-Norway	296,731	52,654	5,636	<,001	,000
Sweden-Denmark	-320,714	53,118	-6,038	<,001	,000
Sweden-Finland	-345,709	52,448	-6,591	<,001	,000
Norway-Denmark	-23,983	53,891	-,445	,656	1,000
Norway-Finland	-48,978	53,230	-,920	,358	1,000
Denmark-Finland	-24,995	53,690	-,466	,642	1,000
Total N	4000				
Independent-Samples Kruskal-Wallis Test	152,548				
Degree Of Freedom	4				
Asymptotic Sig. (2-sided test)	<,001				

Note. Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same. Asymptotic significances (2-sided tests) are displayed. The significance level is .010. The test statistic is adjusted for ties.

$p \leq ,001$ (Bonferroni-corrected p-value)

Table AH4a Chi-Square test of independence between Participation and Age with pairwise z-test post hoc test.

| | Age | | | | | |
| | 5 years | | 15 years | | Total | |
	N=	%	N=	%	N=	%
No	275[a]	13,0%	143[b]	6,3%	419	9,6%
Yes, directly or indirectly	1841[a]	87,0%	2116[b]	93,7%	3957	90,4%
Total	2116	100,0%	2260	100,0%	4376	100,0%
					Chi-square	56,182
					df	1
					Sig.	<,001*

Note. Values in the same row and subtable not sharing the same subscript are significantly different at p< .01 in the two-sided test of equality for column proportions. The Chi-square statistic is significant at the p< .01.

Table AH4b.Chi-Square test of independence between Protection and Age.

| | Pearson Chi-Square Tests |
	Age
Chi-square	25,233
df	3
Sig.	<,001*

Note. * The Chi-square statistics are significant at the p< .01 level.

Table AH4c. Independent-Samples Mann-Whitney U test of difference in mean ranks between Protection and Age.

| | Independent-Samples Mann-Whitney U Test Summary | | | |
	Age of the child	N	Mean Rank	Sum of Ranks
	5 years	1945	2081,27	4048073,50
	15 years	2055	1924,05	3953926,50
Total N	4000			
Mann-Whitney U	1841386,500			
Standard Error	33377,436			
Standardized Test Statistic	-4,707			
Asymptotic Sig.(2-sided test)	<,001			

Table AH5a Chi-Square test of independence between Participation and Type of Maltreatment with pairwise z-test (p< .01) post hoc test. Bonferroni adjusted values.

| | Type of Maltreatment | | | | | | | |
| | Emotional neglect | | Physical violence | | Sexual violence | | Total | |
	N=	%	N=	%	N=	%	N=	%
Yes, directly or indirectly	1311[a]	89,5%	1334[a]	91,2%	1312[a]	90,6%	3957	90,4%
No	154[a]	10,5%	129[a]	8,8%	136[a]	9,4%	419	9,6%
Total	1465	100,0%	1463	100,0%	1448	100,0%	4376	100,0%
							Chi-square	2,511
							df	2

Sig.	,285

Note. Values in the same row and subtable not sharing the same subscript are significantly different at p< .01 in the two-sided test of equality for column proportions. The Chi-square statistic is significant at the p< .01.

$p \leq ,0033$ (Bonferroni-corrected p-value)

Table AH5b Chi-Square test of independence between Protection and Type of Maltreatment. Bonferroni adjusted values.

Pearson Chi-Square Tests	
Chi-square	12,847
df	6
Asymptotic Significance (2-sided)	,046

$p \leq ,0033$ (Bonferroni-corrected p-value)

Table AH5c Kruskal Wallis Independent samples test with post hoc pairwise comparison for differences on Protection between Type of Maltreatment. Bonferroni adjusted values.

	Pairwise Comparisons of Type of Maltreatment				
Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig.
Physical violence - Sexual violence	-86,447	40,971	-2,110	,035	,105
Physical violence - Emotional neglect	98,176	40,754	2,409	,016	,048
Sexual violence - Emotional neglect	11,729	40,963	,286	,775	1,000
Total N	4000				
Independent-Samples Kruskal-Wallis Test Summary	6,907				
Degree Of Freedom	2				
Asymptotic Sig.(2-sided test)	,032				

Note. Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same. Asymptotic significances (2-sided tests) are displayed. The significance level is .010. The test statistic is adjusted for ties.

$p \leq ,0033$ (Bonferroni-corrected p-value)

Table AH6a Chi-Square test of independence between Participation and ageXmaltreat with pairwise z-test (p< .01) post hoc test. Bonferroni adjusted values.

	Age and type of maltreatment (ageXmaltreat)												
	Sexual violence - 5 years		Physical violence - 5 years		Emotional neglect - 5 years		Sexual violence - 15 years		Physical violence - 15 years		Emotional neglect - 15 year		Total	
	N=	%	N=	%	N=	%	N=	%	N=	%	N=	%	N=	%
Yes, directly or indirectly	606[a]	87,2%	627[a,c]	88,5%	609[a]	85,3%	707[b]	93,7%	707[b]	93,8%	702[b,c]	93,4%	3957	90,4%
No	89[a]	12,8%	82[a,c]	11,5%	105[a]	14,7%	47[b]	6,3%	47[b]	6,2%	49[b,c]	6,6%	419	9,6%
Total	694	100%	709	100%	713	100%	754	100%	754	100%	752	100%	4376	100%

Chi-square	60,865

df	5
Sig.	<,001*

Note. Values in the same row and subtable not sharing the same subscript are significantly different at p< .01 in the two-sided test of equality for column proportions. The Chi-square statistic is significant at the p< .01

$p \leq ,0007$ (Bonferroni-corrected p-value)

Table AH6b Chi-Square test of independence between Protection and ageXmaltreat groups. Bonferroni adjusted values.

Pearson Chi-Square Tests	
Chi-square	41,577
df	15
Asymptotic Significance (2-sided)	<,001

Note. [a.] 0 cells (0,0%) have expected count less than 5. The minimum expected count is 32,19.

$p \leq ,0007$ (Bonferroni-corrected p-value)

Table AH6c Kruskal Wallis Independent samples test with post hoc pairwise comparison for differences in Protection between ageXmaltreat groups. Bonferroni adjusted values.

	Age and type of maltreatment (ageXmaltreat)				
Sample 1-Sample 2	Test Statistic	Std. Error	Std. Test Statistic	Sig.	Adj. Sig.
Physical violence - 15 years-Emotional neglect - 15 year	-65,074	56,806	-1,146	,252	1,000
Physical violence - 15 years-Sexual violence - 15 years	90,021	57,144	1,575	,115	1,000
Physical violence - 15 years-Physical violence - 5 years	137,230	57,677	2,379	,017	,260
Physical violence - 15 years-Sexual violence - 5 years	218,636	57,839	3,780	<,001	,002
Physical violence - 15 years-Emotional neglect - 5 years	269,332	57,563	4,679	<,001	,000
Emotional neglect - 15 year-Sexual violence - 15 years	24,947	57,225	,436	,663	1,000
Emotional neglect - 15 year-Physical violence - 5 years	72,156	57,758	1,249	,212	1,000
Emotional neglect - 15 year-Sexual violence - 5 years	153,562	57,920	2,651	,008	,120
Emotional neglect - 15 year-Emotional neglect - 5 years	204,258	57,644	3,543	<,001	,006
Sexual violence - 15 years-Physical violence - 5 years	47,209	58,090	,813	,416	1,000
Sexual violence - 15 years-Sexual violence - 5 years	128,615	58,251	2,208	,027	,409

Sexual violence - 15 years-Emotional neglect - 5 years	179,311	57,977	3,093	,002	,030
Physical violence - 5 years-Sexual violence - 5 years	81,406	58,775	1,385	,166	1,000
Physical violence - 5 years-Emotional neglect - 5 years	-132,103	58,503	-2,258	,024	,359
Sexual violence - 5 years-Emotional neglect - 5 years	-50,696	58,663	-,864	,387	1,000

Total N	4000
Independent-Samples Kruskal-Wallis Test	29,999
Degree Of Freedom	5
Asymptotic Sig.(2-sided test)	<,001

Note. Each row tests the null hypothesis that the Sample 1 and Sample 2 distributions are the same. Asymptotic significances (2-sided tests) are displayed. The significance level is .010. The test statistic is adjusted for ties.

$p \leq ,0007$ (Bonferroni-corrected p-value)