Appendix

Online supplementary material

Table A1. Overview of demographic variables for the respondents in relation to the vignettes, showing sample size (n) by country and total. Total n=1517/1485.

Variable	Value Austria Norway		rway	Sp	ain	Total			
		Native	Migrant	Native	Migrant	Native	Migrant	Native	Migrant
Gender	Women	250	250	240	260	272	240	762	750
	Men	252	248	259	242	243	245	754	735
Immigration	Non-immigrants	440	446	472	473	477	460	1389	1379
background	Immigrants	62	52	28	30	38	24	128	106
Religious	No religion	176	145	215	182	162	155	553	482
belonging	Christianity	287	319	251	281	317	300	855	900
Age	Younger (18-34)	146	126	144	135	161	138	451	399
	Mid-age (35-54)	197	193	173	179	190	189	560	561
	Older (54+)	159	179	183	187	164	158	506	524
Children	No children	383	371	376	344	340	323	1099	1038
under 18	Children	119	127	123	157	175	162	417	446
Civil status	Single / no partner	160	147	165	169	190	187	515	503
	Partner	216	232	327	316	296	272	839	820
Education	No higher education	313	305	181	165	251	248	745	718
	Higher education	70	87	301	328	236	209	607	624
City size	Small city/municipality	303	304	286	314	248	236	837	854
	Large city	200	194	213	187	268	249	681	630
Employment	Unemployed/not in education	147	139	149	159	169	164	465	462
	Employed/in education	238	257	351	343	319	297	908	897
Income	Low income	109	94	80	66	54	58	243	218
	Average income	260	247	245	229	386	366	891	842
	High income	34	39	93	91	31	28	158	158
Occupation	Teaching	10	13	34	40	34	21	78	74
	Health- and social services	20	20	47	49	23	31	90	100
Political	Left-wing	-	-	181	153	-	-	-	-
orientation	Center	-	-	76	82	-	-	-	-
	Right-wing	-	-	141	153	-	-	-	-
Work sector	Private	-	-	186	169	-	-	-	-
	Public	-	-	137	135	-	-	-	-

Table B1. Austria (n=1000): Mean differences between vignette samples in accept and willingness to report by demographic variables. Mean and total n for given vignette. Sig. level: ***= p>.01, **= p>.05.

Is the parents' method of punishment acceptable?(Yes=0/No=1)									
		Independent							
	Native	SD	Migrant	SD	— Samples T-test 95%				
Women	0.79 (250)	.412	0.87 250)	.341	**				
Men	0.72 (252)	.449	0.70 (248)	.460	-				

0.75 (440)	.431	0.78 (446)	.413	-
0.74 (62)	.440	0,79 (52)	.413	-
0.73 (383)	.446	0.77 (371)	.420	-
0.84 (119)	.371	0.82 (127)	.389	-
0.73 (160)	.447	0.76 (147)	.432	-
0.75 (216)	.431	0.77 (232)	.422	-
0.79 (146)	.408	0.75 (126)	.433	-
0.75 (197)	.435	0.77 (193)	.425	-
0.73 (159)	.448	0.82 (179)	.382	**
0.79 (70)	.408	0.81 (87)	.397	-
0.73 (313)	.445	0.76 (305)	.430	-
0.72 (109)	.451	0.83 (94)	.378	-
0.74 (260)	.437	0.73 (247)	.446	-
0.71 (34)	.462	0.83 (39)	.376	-
0.78 (10)	.436	0.86 (13)	.366	-
0.76 (20)	.438	0.91 (20)	.295	-
0.73 (287)	.446	0.77 (319)	.422	-
0.80 (176)	.401	0.79 (145)	.411	-
0.74 (200)	.440	0.82 (194)	.384	-
0.76 (303)	.427	0.76 (304)	.429	-
0.75 (238)	.433	0.74 (257)	.438	-
0.73 (147)	.447	0.82 (139)	.386	-
	0.74 (62) 0.73 (383) 0.84 (119) 0.73 (160) 0.75 (216) 0.79 (146) 0.75 (197) 0.73 (159) 0.79 (70) 0.73 (313) 0.72 (109) 0.74 (260) 0.71 (34) 0.78 (10) 0.76 (20) 0.73 (287) 0.80 (176) 0.74 (200) 0.76 (303) 0.75 (238)	0.74 (62) .440 0.73 (383) .446 0.84 (119) .371 0.73 (160) .447 0.75 (216) .431 0.79 (146) .408 0.75 (197) .435 0.73 (159) .448 0.79 (70) .408 0.73 (313) .445 0.72 (109) .451 0.74 (260) .437 0.71 (34) .462 0.78 (10) .436 0.76 (20) .438 0.73 (287) .446 0.80 (176) .401 0.74 (200) .440 0.75 (238) .433	0.74 (62) .440 0,79 (52) 0.73 (383) .446 0.77 (371) 0.84 (119) .371 0.82 (127) 0.73 (160) .447 0.76 (147) 0.75 (216) .431 0.77 (232) 0.79 (146) .408 0.75 (126) 0.75 (197) .435 0.77 (193) 0.73 (159) .448 0.82 (179) 0.79 (70) .408 0.81 (87) 0.73 (313) .445 0.76 (305) 0.72 (109) .451 0.83 (94) 0.74 (260) .437 0.73 (247) 0.71 (34) .462 0.83 (39) 0.78 (10) .436 0.86 (13) 0.76 (20) .438 0.91 (20) 0.73 (287) .446 0.77 (319) 0.80 (176) .401 0.79 (145) 0.74 (200) .440 0.82 (194) 0.75 (238) .433 0.74 (257)	0.74 (62) .440 0,79 (52) .413 0.73 (383) .446 0.77 (371) .420 0.84 (119) .371 0.82 (127) .389 0.73 (160) .447 0.76 (147) .432 0.75 (216) .431 0.77 (232) .422 0.79 (146) .408 0.75 (126) .433 0.75 (197) .435 0.77 (193) .425 0.73 (159) .448 0.82 (179) .382 0.79 (70) .408 0.81 (87) .397 0.73 (313) .445 0.76 (305) .430 0.72 (109) .451 0.83 (94) .378 0.74 (260) .437 0.73 (247) .446 0.71 (34) .462 0.83 (39) .376 0.78 (10) .436 0.86 (13) .366 0.76 (20) .438 0.91 (20) .295 0.73 (287) .446 0.77 (319) .422 0.80 (176) .401 0.79 (145) .411 0.74 (200)<

Do you believe that the school should report this matter to the child protection services? (Yes=1/No=0)

		Independent			
	Native	SD	Migrant	SD	— Samples T-test 95%
Women	0.64 (250)	.481	0.65 (250)	.478	-
Men	0.56 (252)	.498	0.54 (248)	.499	-
Non-immigrants	0.60 (440)	.490	0.60 (446)	.490	-
Immigrants	0.58 (62)	.498	0.56 (52)	.502	-
No children	0.57 (383)	.496	0.60 (371)	.490	-
Children	0.70 (119)	.459	0.58 (127)	.496	**
Single/no partner	0.61 (160)	.488	0.55 (147)	.499	=
Partner	0.55 (216)	.499	0.60 (232)	.492	-
Younger	0.70 (146)	.460	0.64 (126)	.483	=
Mid-age	0.57 (197)	.496	0.57 (193)	.496	=
Older	0.54 (159)	.500	0.60 (193)	.491	=
Higher education	0.56 (70)	.499	0.50 (87)	.503	-
No higher education	0.58 (313)	.495	0.61 (305)	.489	-
Low income	0.61 (109)	.451	0.65 (94)	.378	-
Average income	0.58 (260)	.494	0.58 (247)	.495	-
High income	0.61 (34)	.496	0.68 (39)	.474	-
Teaching (occupation)	0.40 (10)	.518	0.64 (13)	.500	-
Health- and social	0.71 (20)	.464	0.64(20)	.492	-
services (occupation)					
Christianity	0.58 (287)	.495	0.59 (319)	.493	-
No religion	0.65 (176)	.479	0.63 (145)	.484	=
Large city	0.59 (200)	.493	0.65 (194)	.479	-
Small city/municipality	0.61 (303)	.489	0.57 (304)	.496	-
Employed/in education	0.61 (238)	.490	0.56 (257)	.498	-
Unemployed/not in	0.53 (147)	.500	0.64 (139)	.483	=

Table B2. Norway (n=1002): Mean differences between vignette samples in accept and willingness to report by demographic variables. Mean and total n for given vignette. Sig. level: ***= p>.01, **= p>.05.

Is t	Is the parents' method of punishment acceptable?(Yes=0/No=1)					
		Mean value ((vignette total n)		Independent	
	Native	SD	Migrant	SD	Samples T-test 95%	
Women	0.95 (240)	.215	0.94 (260)	.246	-	
Men	0.80 (259)	.401	0.80 (242)	.404	-	
Non-immigrants	0.88 (472)	.322	0.87 (473)	.340	-	
Immigrants	0.70(28)	.467	0.89 (30)	.322	=	
No children	0.85 (376)	.353	0.86 (344)	.349	=	
Children	0.93 (123)	.258	0.89 (157)	.315	=	
Single/no partner	0.86 (165)	.348	0.83 (169)	.380	-	
Partner	0.88 (327)	.327	0.88 (316)	.322	-	
Younger	0.85 (144)	.360	0.86 (135)	.352	-	
Mid-age	0.89 (173)	.314	0.93 (179)	.262	-	
Older	0.88 (183)	.331	0.82 (187)	.385	-	
Higher education	0.91 (301)	.283	0.88 (328)	.331	-	
No higher education	0.81 (181)	.396	0.85 (165)	.362	-	
Left-wing (politics)	0.91 (181)	.288	0.91 (153)	.289	-	
Centre (politics)	0.86 (76)	.347	0.86 (82)	.344	-	
Right-wing (politics)	0.84 (141)	.372	0.81 (153)	.396	-	
Low income	0.80 (80)	.404	0.90 (66)	.304	-	
Average income	0.86 (245)	.346	0.81 (229)	.395	-	
High income	0.95 (93)	.228	0.88 (91)	.326	-	
Teaching (occupation)	0.97 (34)	.175	0.98 (40)	.144	-	
Health- and social	0.95 (47)	.224	0.94 (49)	.231	-	
services (occupation)						
Christianity	0.90 (251)	.302	0.87 (281)	.341	-	
No religion	0.87 (215)	.340	0.89 (182)	.313	-	
Larger city	0.86 (213)	.351	0.87 (187)	.336	-	
Small city/municipality	0.88 (286)	.321	0.87 (314)	.341	-	
Public sector (employed)	0.92 (137)	.267	0.91 (135)	.291	-	
Private sector (employed)	0.85 (186)	.355	0.88 (169)	.323	-	
North Norway	0.83 (58)	.381	0.91 (44)	.291	-	
West Norway	0.87 (103)	.334	0.88 (103)	.332	-	
Oslo	0.89 (65)	.311	0.87 (64)	.344	-	
South Norway	0.84 (34)	.373	0.74 (56)	.441	-	
Central Norway	0.92 (78)	.280	0.90 (60)	.309	-	
East Norway	0.86 (169)	.345	0.89 (175)	.319	-	
Employed/in education	0.88 (351)	.323	0.89 (343)	.310	-	
Unemployed/not in education	0.85 (149)	.359	0.82 (159)	.389	-	

Do you believe that the school should report this matter to the child protection services? (Yes=1/No=0) Mean value (vignette total n) Independent Samples T-test 95% Native SD Migrant SD Women 0.74 (240) .437 0.65 (260) .477 0.58 (259) .495 0.54 (242) .500 Men Non-immigrants 0.67 (472) .469 0.61 (473) .489

Immigrants	0.36 (28)	.489	0.46 (30)	.507	-
No children	0.63 (376)	.484	0.60 (344)	.490	-
Children	0.74 (123)	.439	0.59 (157)	.493	***
Single/no partner	0.63 (165)	.484	0.57 (169)	.497	-
Partner	0.67 (327)	.472	0.62 (316)	.486	-
Younger	0.69 (144)	.463	0.57 (135)	.497	**
Mid-age	0.68 (173)	.466	0.67 (179)	.472	-
Older	0.60 (183)	.491	0.55 (187)	.499	-
Higher education	0.68 (301)	.467	0.64 (328)	.482	-
No higher education	0.63 (181)	.484	0.51 (165)	.501	**
Left-wing (politics)	0.74 (181)	.438	0.63 (153)	.485	**
Centre (politics).	0.60 (76)	.493	0.70 (82)	.462	-
Right-wing (politics)	0.59 (141)	.494	0.55 (153)	.499	-
Low income	0.63 (80)	.487	0.56 (66)	.500	-
Average income	0.64 (245)	.481	0.62 (229)	.487	-
High income	0.78 (93)	.416	0.62 (91)	.489	**
Teaching (occupation)	0.88 (34)	.326	0.73 (40)	.449	-
Health- and social	0.74 (47)	.444	0.76 (49)	.431	-
services (occupation)					
Christianity	0.66 (251)	.474	0.60 (281)	.491	-
No religion	0.65 (215)	.477	0.65 (182)	.480	-
Larger city	0.63 (213)	.484	0.64 (187)	.480	-
Small city/municipality	0.68 (286)	.469	0.57 (314)	.495	***
Public sector (employed)	0.76 (137)	.428	0.63 (135)	.484	**
Private sector (employed)	0.63 (186)	.485	0.61 (169)	.489	-
North Norway	0.64 (58)	.485	0.59 (44)	.497	-
West Norway	0.66 (103)	.475	0.58 103)	.496	-
Oslo	0.64 (65)	.484	0.69 (64)	.466	-
South Norway	0.59 (34)	.499	0.54 (56)	.503	-
Central Norway	0.73 (78)	.448	0.55 (60)	.501	**
East Norway	0.65 (169)	.478	0.63 (175)	.485	-
Employed/in education	0.70 (351)	.460	0.63 (343)	.484	-
Unemployed/not in	0.56 (149)	.498	0.53 (159)	.501	-
education					

Table B3. Spain (n=1000): Mean differences between vignette samples in accept and willingness to report by demographic variables. Mean and total n for given vignette. Sig. level: ***= p>.01, **= p>.05.

Is the parents' method of punishment acceptable?(Yes=0/No=1)								
		Mean value ((vignette total n)		Independent			
	Native	SD	Migrant	SD	— Samples T-test 95%			
Women	0.65 (272)	.478	0.61 (240)	.490	-			
Men	0.58 (243)	.495	0.61 (245)	.489	-			
Non-immigrants	0.61 (477)	.488	0.61. (460)	.489	-			
Immigrants	0.65 (38)	.483	0.61 (24)	.498	-			
No children	0.58 (340)	.494	0.56 (323)	.497	-			
Children	0.68 (175)	.469	0.70 (162)	.458	-			
Single/no partner	0.65 (190)	.478	0.60 (187)	.492	-			
Partner	0.59 (296)	.493	0.60 (272)	.490	-			
Younger	0.57 (161)	.496	0.52 (138)	.502	-			
Mid-age	0.62 (190)	.487	0.64 (189)	.482	-			
Older	0.66 (164)	.476	0.65 (158)	.479	-			

Higher education	0.63 (236)	.484	0.67 (209)	.471	-
No higher education	0.60 (251)	.490	0.54 (248)	.499	=
Low income	0.73 (54)	.447	0.56 (58)	.500	=
Average income	0.60 (386)	.491	0.61 (366)	.488	=
High income	0.65 (31)	.484	0.70(28)	.464	=
Teaching (occupation)	0.80 (34)	.406	0.49 (21)	.512	**
Health- and social	0.61 (23)	.498	0.65 (N31)	.485	-
services (occupation)					
Christianity	0.57 (317)	.496	0.58 (300)	.495	-
No religion	0.69 (162)	.463	0.66 (155)	.475	-
Large city	0.65 (268)	.478	0.63 (249)	.483	-
Small city/municipality	0.58 (248)	.494	0.58 (236)	.494	-
Employed/in education	0.61 (319)	.487	0.59 (297)	.486	=
Unemployed/not in	0.62 (169)	.488	0.62 (164)	.493	-
education					

Do you believe that the school should report this matter to the child protection services? (Yes=1/No=0)

		Mean value (vignette total N)		Independent
	Native	SD	Migrant	SD	Samples T-test 95%
Women	0.55 (272)	.499	0.50 (240)	.501	-
Men	0.63 (243)	.484	0.65 (245)	.479	-
Non-immigrants	0.57 (477)	.495	0.56 (460)	.497	=
Immigrants	0.76 (38)	.430	0.83 (24)	.381	=
No children	0.54 (340)	.499	0.52 (323)	.500	=
Children	0.68 (175)	.468	0.69 (162)	.465	=
Single/no partner	0.61 (190)	.490	0.53 (187)	.500	=
Partner	0.59 (296)	.493	0.60 (272)	.490	=
Younger	0.59 (161)	.493	0.55 (138)	.499	-
Mid-age	0.63 (190)	.485	0.58 (189)	.495	-
Older	0.54 (164)	.500	0.59 (158)	.494	=
Higher education	0.60 (236)	.491	0.63 (209)	.483	=
No higher education	0.59 (251)	.494	0.52 (248)	.501	=
Low income	0.70 (54)	.465	0.58 (58)	.497	=
Average income	0.59 (386)	.493	0.58 (366)	.494	=
High income	0.67 (31)	.478	0.53 (28)	.508	-
Teaching (occupation)	0.68 (34)	.474	0.54(21)	.511	-
Health- and social	0.63 (23)	.494	0.67 (31)	.478	-
services (occupation)					
Christianity	0.55 (317)	.498	0.56 (300)	.497	-
No religion	0.63 (162)	.483	0.60 (155)	.492	=
Large city	0.58 (268)	.495	0.62 (249)	.487	-
Small city/municipality	0.59 (248)	.492	0.53 (236)	.500	-
Employed/in education	0.63 (319)	.501	0.58 (297)	.498	-
Unemployed/not in education	0.53 (169)	.485	0.56 (164)	.494	-

Table B4. Total sample (n=3002): Mean differences between vignette samples in accept and willingness to report by demographic variables. Mean and total n for given vignette. Sig. level: ***= p>.01, **= p>.05.

Is the parents' method of punishment acceptable?(Yes=0/No=1)	
Mean value (vignette total n)	Independent

	Native	SD	Migrant	SD	Samples T-test 95%
Women	0.79 (762)	.408	0.81 (750)	.395	-
Men	0.70 (754)	.457	0.70 (735)	.458	-
Non-immigrants	0.75 (1390)	.433	0.75 (1379)	.432	-
Immigrants	0.71 (127)	.457	0.77 (106)	.420	-
No children	0.73 (1100)	.446	0.73 (1037)	.442	-
Children	0.80 (417)	.402	0.80 (446)	.400	-
Single/no partner	0.74 (515)	.438	0.72 (593)	.450	-
Partner	0.74 (838)	.437	0.76 (821)	.428	-
Younger	0.73 (451)	.444	0.71 (399)	.456	-
Mid-age	0.75 (560)	.435	0.77 (561)	.419	-
Older	0.76 (506)	.429	0.77 (524)	.421	-
Higher education	0.79 (607)	.409	0.80 (402)	.402	-
No higher education	0.71 (745)	.456	0.70 (718)	.457	-
Low income	0.75 (243)	.435	0.78 (218)	.416	-
Average income	0.71 (891)	.453	0.70 (842)	.459	-
High income	0.84 (158)	.371	0.84 (159)	.370	-
Teaching (occupation)	0.87 (77)	.337	0.82 (74)	.388	-
Health- and social	0.82 (90)	.387	0.85 (100)	.363	-
services (occupation)					
Christianity	0.72 (856)	.449	0.74 (900)	.441	-
No religion	0.79 (553)	.405	0.79 (482)	.411	-
Larger city	0.74 (681)	.439	0.76 (630)	.427	-
Small city/municipality	0.75 (836)	.433	0.75 (854)	.434	-
Employed/in education	0.75 (908)	.432	0.75 (897)	.434	-
Unemployed/not in	0.73 (465)	.446	0.75 (462)	.434	-
education					

Do you believe that the school should report this matter to the child protection services? (Yes=1/No=0)

	scrvices. (1es-1/1	Independent			
	Native	SD	(vignette total n) Migrant	SD	Samples T-test 95%
Women	0.64 (762)	.480	0.60 (750)	.489	-
Men	0.59 (754)	.493	0.58 (735)	.494	-
Non-immigrants	0.62 (1390)	.486	0.59 (1379)	.492	-
Immigrants	0.59 (127)	.495	0.59 (106)	.494	-
No children	0.58 (1100)	.494	0.58 (1038)	.494	-
Children	0.70 (417)	.457	0.62 (446)	.485	**
Single/no partner	0.62 (515)	.487	0.55 (503)	.498	**
Partner	0.61 (838)	.489	0.61 (821)	.488	-
Younger	0.66 (451)	.475	0.58 (399)	.494	**
Mid-age	0.61 (560)	.485	0.61 (561)	.489	-
Older	0.56(506)	.497	0.58(524)	.494	=
Higher education	0.64(607)	.482	0.62(625)	.487	-
No higher education	0.59(745)	.492	0.56(718)	.497	-
Low income	0.63(243)	.483	0.60(218)	.490	-
Average income	0.60(891)	.490	0.59(842)	.492	-
High income	0.72(158)	.450	0.61(159)	.488	**
Teaching (occupation)	0.73(77)	.445	0.66(74)	.477	-
Health- and social	0.70(90)	.459	0.71(100)	.457	-
services (occupation)					
Christianity	0.59(856)	.492	0.58(900)	.494	-
No religion	0.65(553)	.478	0.63(482)	.484	-

Larger city	0.60(681)	.491	0.63(630)	.482	-
Small city/municipality	0.63(836)	.484	0.56(854)	.497	***
Employed/in education	0.65(908)	.478	0.59(897)	.492	**
Unemployed/not in	0.54(465)	.499	0.57(462)	.495	-
education					

Table C1. Significant differences in mean responses between countries. Two-tailed Independent Samples T-Test (95% CI). Sig. level: ***= p>.01, **= p>.05.

Yes on question:	Norway*Austria	Norway*Spain	Spain*Austria
Is the parents' method of	.000***	.000***	.000***
punishment acceptable?			
Report this matter to the child	.183	.032**	.419
protection services?			

Table C2. Significant differences in mean responses between countries by child's background. Two-tailed Independent Samples T-Test (95% CI). Sig. level: ***= p>.01, **= p>.05.

Yes on question:		Norway*Austria	Norway*Spain	Spain*Austria
Is the parents' method	Native	.000***	.000***	.000***
of punishment	Migrant	.000***	.000***	.000***
acceptable?	_			
Report this matter to	Native	.061	.020**	.663
the child protection	Migrant	.977	.457	.476
services?	_			

Table D1. Correlation between accept and willingness to say the school should report by country and total (n=3002). Per cent and n.

	The punishment		The punishmen		
	accep	table	acceptable		
	The school should	The school should	The school should	The school should	
	not report	report	not report	report	
Austria	29.2% (224)	70.8% (544)	76.3% (177)	23.7% (55)	
Norway	30.6% (267)	69.4% (605)	82.3% (107)	17.7% (23)	
Spain	25.8% (158)	74.2% (454)	67.4% (262)	32.6% (127)	
Total	28.8% (649)	71.2% (1603)	72.7% (546)	27.3% (205)	

Table D2. Correlation between accept and report by country and total (n=3002). Two sided Pearson Chi-Square Test. Sig. level: ***= p>.01, **= p>.05.

	The punishment methods are not acceptable	The punishment methods are acceptable
Austria	***	***
Norway	***	***
Spain	***	***
Total	***	***

Table E1. Significant differences in mean accept towards CP towards a child of migrant versus native background, per country and total. Two-tailed Independent Samples T-Test (95% CI).

	T-test for Equality of Means		
	p-value	t-value	df
Austria	.265	-1.114	996.665
Norway	.831	.214	1000
Spain	.774	.288	998
Total	.596	531	3000

Table E2. Significant differences in mean attitude towards reporting CP towards a child of migrant versus native background, per country and total. Two-tailed Independent Samples T-Test (95% CI).

	T-test for Equality of Means			
	p-value	t-value	df	
Austria	.945	.069	998	
Norway	.056	1.917	998.992	
Spain	.478	.356	998	
Total	.189	1.313	2996.793	

Note:

On weighting the data: As case weights are applied to the data, the accumulated weights in the cells are rounded before computing any statistics to avoid fractional cell counts. This may in some cases cause discrepancy of plus minus n=1 in the total sum in some tables, compared to the total number of respondents in the sample.