




Technical Report  
**Children Wave 2**

**Bullying**

<b>Source/Developer</b>	Dan Olweus (University of Bergen) and Françoise Alsaker (University of Berne)
<b>Adaptations</b>	The protocol and the item selection were adapted to the needs of CAP-Interviews with 8-year olds. Amongst others, pictures representing bullying situations are used as a support. Both these pictures as well as the verbal descriptions of the four types of bullying were provided by the "Pathways to Victimization in Kindergarten" study directed by Prof. Alsaker (University of Berne).
<b>Description</b>	A comprehensive measure of four types of bullying at school (teasing, stealing/damaging belongings, threatening, and exclusion) from three perspectives: Observer, victim, and offender. The reference period is "since last summer holidays", i.e., approx. 2-3 months.
<b>Measured Concepts/ Subdimensions</b>	For each of the four types of bullying the following characteristics are measured: <ul style="list-style-type: none"> <li>• Prevalence/incidence from the observer's perspective</li> <li>• Prevalence/incidence from the victim's perspective</li> <li>• Description of last victimisation (open)</li> <li>• Location of last victimisation</li> <li>• Offender characteristics (number, gender, age/grade)</li> <li>• Report of last victimisation to others</li> <li>• Prevalence/incidence from the observer's perspective</li> </ul>
<b>Number of Items</b>	48 (4*12)
<b>Response Categories</b>	<i>Incidences:</i> "(Almost) daily", "once week", "a few times but more than twice", "once or twice"
<b>Item Example</b>	„Since summer holidays, here at your school, did it happen that children laughed at other children, told mean things to them, or poke their tongues out at them?"
<b>Administration History</b>	Wave 2, adapted for Wave 4
<b>Instrument Image</b>	

## Observation: Prevalence

**Variable Values**

1 – yes, spontaneously  
 2 – yes, after request  
 3 – no

7 – does not apply (*MISSING*)  
 8 – doesn't know, can't remember (*MISSING*)  
 9 – no answer, answer refused (*MISSING*)

**Frequencies  
 "Observation:  
 Prevalence"**

<b>Categories</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>
	<b>teasing</b>	<b>stealing/ damaging</b>	<b>physical violence</b>	<b>rejection</b>
1 yes, spontaneously	822 (61.6%)	679 (50.9%)	849 (63.6%)	815 (61.9%)
2 yes, after request	51 (3.8%)	38 (2.8%)	45 (3.4%)	31 (2.4%)
3 no	448 (33.6%)	607 (45.5%)	432 (32.4%)	471 (35.8%)
7 does not apply	-	-	1	-
8 doesn't know, can't remember	14	11	8	18
9 no answer, answer refused	-	-	9	-

## Observation: Incidence

### Variable Values

- 0 – no, never
- 1 – not more than one or two times
- 2 – a couple of times, more than two times
- 3 – at least once per week
- 4 – yes, nearly almost every day
  
- 7 – does not apply (*MISSING*)
- 8 – doesn't know, can't remember (*MISSING*)
- 9 – no answer, answer refused (*MISSING*)

### Frequencies “Observation: Incidence”

Categories	N (%)	N (%)	N (%)	N (%)
	teasing	stealing/ damaging	physical violence	threatening
0 no, never	448 (33.6%)	607 (45.5%)	432 (32.4%)	471 (35.3%)
1 not more than one or two times	219 (16.4%)	327 (24.5%)	273 (20.4%)	314 (23.5%)
2 a couple of times, more than two times	306 (22.9%)	233 (17.5%)	297 (22.2%)	302 (22.6%)
3 at least once per week	205 (15.4%)	112 (8.4%)	191 (14.3%)	145 (10.9%)
4 yes, nearly almost every day	128 (9.6%)	40 (3%)	123 (9.2%)	70 (5.2%)
7 does not apply	1	-	-	-
8 doesn't know, can't remember	13	5	10	15
9 no answer, answer refused	1	-	-	-

### Case Summary & Descriptive Statistics “Observation: Incidence”

Variable Name	Missings (%)	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item removed ( $\alpha = .401$ )
K2_4120	29 (2.2%)	1.79	1.53	.068	-1.52	.215	.338
K2_4320	16 (1.2%)	1.72	1.72	.185	-1.73	.219	.335
K2_4520	19 (1.4%)	1.89	1.56	-.008	-1.55	.201	.353
K2_4720	33 (2.5%)	1.94	1.64	-.063	-1.65	.242	.309

N= 1335

### Sum Index Descriptive Statistics

#### “Observation: Incidence”

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	p
Full sample	1334	1.30	0.90	0	4	.521	-.343			
Gender								1	3.379	.066
Girls	657	1.25	0.90	0	4	.567	-0.369			
Boys	677	1.34	0.89	0	4	.484	-0.295			
Treatment								3	1.745	.156
Control	342	1.26	0.95	0	3.75	.537	-.536			
Triple P	326	1.23	0.87	0	3.75	.573	-.267			
PATHS	364	1.34	0.85	0	4	.530	-.038			
Combination	302	1.36	0.92	0	4	.469	-.445			

**Correlations with  
Subscales & DVs**

Variable				Boys			Girls		
	r	p	N	r	p	N	r	p	N
Subscales									
<i>Victimisation: Incidence</i>	.513	***	1334	.524	***	677	.498	***	657
<i>Perpetration: Incidence</i>	.335	***	1334	.382	***	677	.273	***	657
Child SBQ									
<i>Aggression W2</i>	.188	***	1333	.222	***	676	.136	***	657
<i>Prosociality W2</i>	.033	ns	1333	.045	ns	676	.037	ns	657
Teacher SBQ 2.1									
<i>Total Aggression</i>	.149	**	1312	.174	***	666	.104	*	646
<i>Prosociality</i>	-.053	ns	1312	-.037	ns	666	-.039	ns	646
Parent SBQ									
<i>Aggression</i>	.055	ns	1175	.048	ns	615	0.50	ns	560
<i>Prosociality</i>	-.040	ns	1175	-.016	ns	615	-.048	ns	560

<sup>1</sup> \*\*\* p<.001, \*\* p<.01, \* p<.05, ns p>.05

## Victimisation: Prevalence

**Variable Values**

- 1 – yes, spontaneously
- 2 – yes, after request
- 3 – no
  
- 7 – does not apply (*MISSING*)
- 8 – doesn't know, can't remember (*MISSING*)
- 9 – no answer, answer refused (*MISSING*)

### Frequencies “Victimisation: Prevalence”

Categories	N (%)	N (%)	N (%)	N (%)
	teasing	stealing/ damaging	physical violence	threatening
1 yes, spontaneously	608 (45.5%)	522 (39.1%)	592 (44.3%)	681 (51.0%)
2 yes, after request	36 (2.7%)	26 (1.9%)	27 (2.0%)	18 (1.3%)
3 no	680 (50.9%)	777 (58.2%)	710 (53.2%)	628 (47%)
7 does not apply	-	-	-	-
8 doesn't know, can't remember	11	10	6	8
9 no answer, answer refused	-	-	-	-

## Victimisation: Incidence

### Variable Values

- 0 – no, never
- 1 – not more than one or two times
- 2 – a couple of times, more than two times
- 3 – at least once per week
- 4 – yes, nearly almost every day
  
- 7 – does not apply (*MISSING*)
- 8 – doesn't know, can't remember (*MISSING*)
- 9 – no answer, answer refused (*MISSING*)

### Frequencies "Victimisation: Incidence"

Categories	N (%)	N (%)	N (%)	N (%)
	teasing	stealing/ damaging	physical violence	rejection
0 no, never	680 (50.9%)	777 (58.2%)	710 (53.8%)	628 (47%)
1 not more than one or two times	203 (15.2%)	348 (26.1%)	270 (20.2%)	355 (26.6%)
2 a couple of times, more than two	252 (18.9%)	143 (10.7%)	224 (16.8%)	251 (18.8%)
3 at least once per week times	107 (8%)	43 (3.2%)	73 (5.5%)	60 (4.5%)
4 yes, nearly almost every day	72 (5.4%)	11 (0.8%)	43 (3.2%)	32 (2.4%)
7 does not apply		-	-	-
8 doesn't know, can't remember	9	3	9	1
9 no answer, answer refused	1	-	-	-

### Case Summary & Descriptive Statistics "Victimisation: Incidence"

Variable Name	Missings (%)	Mean	Standard Deviation	Skewness	Kurtosis	Item-Scale Correlation	$\alpha$ If Item removed ( $\alpha = .551$ )
K2_4140	21 (1.6%)	1.41	1.61	.483	-1.47	.327	.487
K2_4340	13 (1.0%)	0.45	1.90	.515	-1.62	.323	.492
K2_4540	15 (1.1%)	0.47	1.70	.451	-1.59	.389	.435
K2_4740	9 (0.7%)	1.75	1.77	.153	-1.79	.308	.503
N= 1335							

### Sum Index Descriptive Statistics

#### "Victimisation: Incidence"

Group	N	Mean	Standard Deviation	Min.	Max.	Skewness	Kurtosis	ANOVA		
								df	F	P
Full sample	1335	0.84	0.75	0	4	.939	.702			
Gender								1	7.592	.006
Girls	657	0.78	0.73	0	3.75	1.04	.797			
Boys	678	0.89	0.76	0	4	.851	.661			
Treatment								3	1.559	.198
Control	342	0.83	0.76	0	3.25	.733	-.305			
Triple P	326	0.85	0.77	0	3.75	.942	.576			
PATHS	365	0.80	0.72	0	4	1.13	1.76			
Combination	302	0.92	0.75	0	4	.994	1.01			

**Correlations  
with Subscales  
& DVs**

Variable				Boys			Girls		
	r	p	N	r	p	N	r	p	N
Subscales									
<i>Observation: Incidence</i>	.513	***	1334	.524	***	677	.498	***	657
<i>Perpetration: Incidence</i>	.444	***	1335	.497	***	678	.364	***	657
Child SBQ									
<i>Aggression W2</i>	.214	***	1334	.300	***	677	.080	*	657
<i>Prosociality W2</i>	.016	ns	1334	.027	ns	677	.030	ns	657
Teacher SBQ2.1									
<i>Total Aggression</i>	.226	***	1313	.220	***	667	.214	***	646
<i>Prosociality</i>	-.081	**	1313	-.002	ns	667	-.127	**	646
Parent SBQ									
<i>Aggression</i>	.063	*	1176	.063	ns	616	.040	ns	560
<i>Prosociality</i>	-.033	ns	1176	-.019	ns	616	-.017	ns	560

<sup>1</sup> \*\*\* p<.001, \*\* p<.01, \* p<.05, ns p>.05

## Victimisation: Place

### Variable Values

- 1 – in the classroom
- 2 – during sports, swimming
- 3 - elsewhere in the schoolhouse
- 4 - in the playing field
- 5 – on his,her way to school
- 6 – in the neighbourhood
- 7 – in a sports club, music or leisure association
- 9 – at the day nursery
- 10 – at home
- 90 - elsewhere
  
- 97 – does not apply (*MISSING*)
- 98 – doesn't know, can't remember (*MISSING*)
- 99 – no answer, answer refused (*MISSING*)

### Frequencies “victimisation: Place”

Categories	N (%)	N (%)	N (%)	N (%)
	teasing	stealing/ damaging	physical violence	threatening
1 in the classroom	79 (12.7%)	65 (15.1%)	31 (6.0%)	37 (7.2%)
2 during sports, swimming	49 (7.9%)	118 (27.4%)	32 (6.2%)	12 (2.3%)
3 elsewhere in the schoolhouse	38 (6.1%)	90 (20.9%)	37 (7.2%)	15 (2.9%)
4 in the playing field	319 (51.3%)	51 (11.9%)	247 (48.1%)	367 (71.0%)
5 on his,her way to school	50 (8.0%)	12 (2.8%)	69 (13.5%)	8 (1.5%)
6 in the neighbourhood	39 (6.3%)	20 (4.7%)	38 (7.4%)	37 (7.2%)
7 in a sports club, music or leisure association	3 (0.5%)	3 (0.7%)	5 (1.0%)	7 (1.4%)
9 at the day nursery	23 (3.7%)	39 (9.1%)	23 (4.5%)	20 (3.9%)
10 at home	9 (1.4%)	22 (5.1%)	17 (3.3%)	3 (0.6%)
90 elsewhere	13 (2.1%)	10 (2.3%)	14 (2.7%)	11 (2.1%)
7 does not apply	1	-	1	1
8 doesn't know, can't remember	20	10	5	19
9 no answer, answer refused	1	1	2	3



<b>Victimisation: Offender characteristics</b>																																																	
<b>Variable Values</b>	Number 1 – single offender 2 – group offender  7 – does not apply ( <i>MISSING</i> ) 8 – doesn't know ( <i>MISSING</i> ) 9 – no answer ( <i>MISSING</i> )	Gender 1 – mainly boys 2 – mainly girls 3 – mixed group  7 – does not apply ( <i>MISSING</i> ) 8 – doesn't know ( <i>MISSING</i> ) 9 – no answer ( <i>MISSING</i> )	Class/grade 1 – in my class 2 – in a parallel class 3 – in a younger class 4 – in an higher class 3rd class 5 – in an higher class 4th class and higher 6 – mixed group  7 – does not apply ( <i>MISSING</i> ) 8 – doesn't know ( <i>MISSING</i> ) 9 – no answer ( <i>MISSING</i> )																																														
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<b>Frequencies “Physical violence Victimisation: Offender characteristics”</b>	<b>Categories</b>	<b>N (%)</b>	<b>Categories</b>	<b>N (%)</b>	<b>Categories</b>	<b>N (%)</b>
	1 single offender	341 (66%)	1 mainly boys	404 (79.4%)	1 in my class	259 (53.5%)
	2 group offender	176 (34%)	2 mainly girls	79 (15.5%)	2 in a parallel class	37 (7.6%)
	7 does not apply	1	3 mixed group	26 (5.1%)	3 in a younger class	20 (4.1%)
	8 doesn't know	3	7 does not apply	1	4 3rd class	62 (12.8%)
	9 no answer	-	8 doesn't know	11	5 4th class and higher	74 (15.3%)
			9 no answer	-	6 mixed group	32 (6.6%)
					7 does not apply	6
					8 doesn't know	31
					9 no answer	-
<b>Frequencies “Threatening Victimisation: Offender characteristics”</b>	<b>Categories</b>	<b>N (%)</b>	<b>Categories</b>	<b>N (%)</b>	<b>Categories</b>	<b>N (%)</b>
	1 single offender	137 (26.6%)	1 mainly boys	235 (45.9%)	1 in my class	256 (51.4%)
	2 group offender	379 (73.4%)	2 mainly girls	171 (33.4%)	2 in a parallel class	32 (6.4%)
	7 does not apply	3	3 mixed group	106 (20.7%)	3 in a younger class	14 (2.8%)
	8 doesn't know	19	7 does not apply	3	4 3rd class	71 (14.3%)
	9 no answer	2	8 doesn't know	23	5 4th class and higher	46 (9.2%)
			9 no answer	2	6 mixed group	79 (15.9%)
					7 does not apply	4
					8 doesn't know	36
					9 no answer	2

## Victimisation: Report of last victimisation

### Frequencies "Victimisation: Report"

Categories	Mentioned (%)	Mentioned (%)	Mentioned (%)	Mentioned (%)
	teasing	stealing/ damaging	physical violence	threatening
K2_4210_1 "not reported"	260 (40.4%)	172 (39%)	196 (37.6%)	332 (61.5%)
K2_4210_2 "report to teacher /other school professional"	185 (28.7%)	125 (28.3%)	148 (28.4%)	73 (13.5%)
K2_4210_3 "report to parent /grand-parent/day-mother"	193 (30.0%)	119 (27%)	148 (28.4)	77 (14.3%)
K2_4210_4 "report to other adult"	6 (0.9%)	3 (0.7%)	6 (1.2%)	2 (0.4%)
K2_4210_5 "report to friend/class-mate"	67 (10.4%)	67 (15.2%)	66 (12.7%)	50 (9.3%)
K2_4210_6 "report to sibling/cousin"	29 (4.5%)	13 (2.9%)	23 (4.4%)	9 (1.7%)
K2_4210_7 "report to other children"	-	-	-	-
K2_4210_8 "report to creche direction"	-	12 (2.7%)	15 (2.9%)	9 (1.7%)

## Prevalence: Perpetration

### Variable Values

- 1 – yes, spontaneously
- 2 – yes, after request
- 3 – no
  
- 7 – does not apply (*MISSING*)
- 8 – doesn't know, can't remember (*MISSING*)
- 9 – no answer, answer refused (*MISSING*)

### Frequencies “Perpetration: Prevalence”

Categories	N (%)	N (%)	N (%)	N (%)
	teasing	stealing/ damaging	physical violence	threatening
1 yes, spontaneously	313 (23.8%)	124 (9.4%)	318 (24.0%)	365 (27.7%)
2 yes, after request	47 (3.6%)	10 (0.8%)	29 (2.2%)	25 (1.9%)
3 no	954 (72.6%)	1189 (89.9%)	978 (73.8%)	926 (70.4%)
7 does not apply	-	-	-	-
8 doesn't know, can't remember	20	12	10	19
9 no answer, answer refused	1	-	-	-

N= 1335

<b>Perpetration: Incidence</b>							
<b>Variable Values</b>		0 – no, never 1 – not more than one or two times 2 – a couple of times, more than two times 3 – at least once per week 4 – yes, nearly almost every day  7 – does not apply ( <i>MISSING</i> ) 8 – doesn't know, can't remember ( <i>MISSING</i> ) 9 – no answer, answer refused ( <i>MISSING</i> )					
<b>Frequencies</b>							
<b>“Perpetration: Incidence”</b>							
<b>Categories</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>	<b>N (%)</b>
	<b>teasing</b>	<b>stealing/ damaging</b>	<b>physical violence</b>	<b>Rejection</b>			
0 no, never	954 (73.2%)	1189 (90.0%)	978 (74.1%)	926 (70.8%)			
1 not more than one or two times	133 (10.2%)	79 (6.0%)	148 (11.2%)	212 (16.2%)			
2 a couple of times, more than twice	159 (12.2%)	49 (3.7%)	144 (10.9%)	139 (10.6%)			
3 at least once per week	45 (3.5%)	4 (0.3%)	32 (2.4%)	22 (1.7%)			
4 yes, nearly almost every day	13 (1.0%)		17 (1.3%)	8 (0.6%)			
7 does not apply	-	-	-	-			
8 doesn't know, can't remember	10	2	5	9			
9 no answer, answer refused	-	-	1	-			
N= 1335							
<b>Case Summary &amp; Descriptive Statistics</b>							
<b>“Perpetration: Incidence”</b>							
<b>Variable Name</b>	<b>Missings (%)</b>	<b>Mean</b>	<b>Standard Deviation</b>	<b>Skewness</b>	<b>Kurtosis</b>	<b>Item-Scale Correlation</b>	<b>α If Item removed (α = .600)</b>
K2_4230	31 (2.3 %)	0.85	1.47	1.27	-.174	.441	.481
K2_4430	14 (1.0 %)	0.36	1.08	2.79	5.99	.359	.555
K2_4630	16 (1.2 %)	0.84	1.48	1.32	-.062	.421	.497
K2_4830	28 (2.1 %)	1.01	1.62	1.06	-.734	.329	.579

Sum Index Descriptive Statistics	"Perpetration Incidence"										
	Group	N	Mean	Standard Deviation	Min.	Max.	Skew- ness	Kurtosis	ANOVA		
									df	F	p
Full sample	1335	.389	.545	0	2.75	1.582	2.107				
Gender								1	50.62	.000	
<i>Girls</i>	657	.282	.456	0	2.50	2.028	4.277				
<i>Boys</i>	678	.491	.603	0	2.75	1.244	0.927				
Treatment								3	.338	.798	
<i>Control</i>	342	.382	.519	0	2.50	1.502	1.822				
<i>Triple P</i>	326	.383	.569	0	2.75	1.647	2.213				
<i>PATHS</i>	365	.376	.532	0	2.75	1.672	2.558				
<i>Combination</i>	302	.416	.565	0	2.50	1.491	1.803				

Correlations with Subscales & DVs										
Variable	r	p	N	Boys			Girls			
				r	p	N	r	p	N	
Subscales										
<i>Observation: Incidence</i>	.335	***	1334	.382	***	677	.273	***	657	
<i>Victimisation: Incidence</i>	.444	***	1335	.497	***	678	.364	***	657	
Child SBQ										
<i>Aggression W2</i>	.428	***	1334	.450	***	677	.345	***	657	
<i>Prosociality W2</i>	-.090	**	1334	-.098	*	677	.005	ns	657	
Teacher SBQ2.1										
<i>Total Aggression</i>	.287	***	1313	.305	***	667	.201	***	646	
<i>Prosociality</i>	-.153	***	1313	-.096	*	667	-.114	**	646	
Parent SBQ										
<i>Aggression</i>	.126	***	1176	.116	**	616	.087	*	560	
<i>Prosociality</i>	-.068	**	1176	-.003	ns	616	-.089	*	560	

1 \*\*\* p<.001, \*\* p<.01, \* p<.05, ns p>.05