## Examples of Research – Child Cohort at 9 Years

1) The first step in any analysis of *Growing Up in Ireland* data is applying the weights. Select Data  $\rightarrow$  Weight cases

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2) The following dialog box will appear.

🖬 Weight Cases	
Image: Constraint of the second state of the second sta	Do not weight cases     Weight cases by     Frequency Variable:     Current Status: Do not weight cases     Reset     Cancel     Help

3) Click on 'Weight cases by'. Browse through the list of variables on the left and highlight the one you want (' $Wgt_9yr$ ) and click on the arrow in the middle. Click on 'OK'.

🖬 Weight Cases	<b>X</b>
<ul> <li>✓ ID</li> <li>✓ Gross_9yr</li> <li>✓ Partner</li> <li>✓ Int_type</li> <li>✓ MMA2</li> <li>✓ MMA3</li> <li>✓ MMA4</li> <li>✓ mma5ap1</li> <li>✓ MMagep1</li> </ul>	○ Do not weight cases         ● Weight cases by         ● Frequency Variable:         ● Wgt_9yr         Current Status: Do not weight cases         Reset       Cancel

# Child and Parent Report of Bullying

1) To run a frequency, select Analyse  $\rightarrow$  Descriptive Statistics  $\rightarrow$  Frequencies

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2) The following dialog box will appear:

🖬 Frequencies	×
ID       ▲         ID <t< td=""><td>Statistics Charts Eormat</td></t<>	Statistics Charts Eormat
✓ Display frequency tables	
OK Paste Reset Cancel H	lelp

3) Browse through the list of variables on the left and highlight the one(s) you want ('*CCS20'* and '*MMJ18'*) and click on the arrow in the middle.

III Frequencies		X				
<ul> <li>MMJ12</li> <li>MMJ13</li> <li>MMJ14</li> <li>MMJ15</li> <li>MMJ16</li> <li>MMJ17</li> <li>MMJ19a</li> </ul>	Variable(s): CCS20 MMJ18	<u>Statistics</u> Charts <u>F</u> ormat				
☑ Display frequency tables       OK     Paste     Reset     Cancel     Help						

					Cumulative		
		Frequency	Percent	Valid Percent	Percent		
Valid	1 yes	3265	38.1	39.9	39.9		
	2 no	4918	57.4	60.1	100.0		
	Total	8183	95.5	100.0			
Missing	9 Dontknow	264	3.1				
	System	121	1.4				
	Total	385	4.5				
Total		8568	100.0				

4) Click 'OK' and the output will show you the frequency table for those variables. CCS20 20, child was bullied

MMJ18 J18. Has Study Child been a victim of bullying in the last year

					Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	1 yes	2012	23.5	23.5	23.5
	2 no	6547	76.4	76.5	100.0
	Total	8558	99.9	100.0	
Missing	9 Dontknow	10	.1		
Total		8568	100.0		



## Comparison of Child and Parent Report of Bullying

1) To compare the child report and parent report of bullying we need to run a crosstabulation. Select Analyse  $\rightarrow$  Descriptive Statistics  $\rightarrow$  Crosstabs

🖬 GUI Da	ta_9Ye	arCo	hor	t.sav	[DataS	et1] -	SP	SS	Statistic	s Da	ata Edi	tor
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4		4000		<u>C</u> orre	elate		►	-	<u>Q</u> -Q Plots		2	2
5		5000		<u>R</u> egr	ession		►	Г	0		2	2
6		6000		L <u>og</u> lir	near		►		0		2	2
7		7000		Class	si <u>f</u> y		►		0		2	2
8		8000		Dimer	nsion Reduc	tion	►		0		2	2
9		9000		Sc <u>a</u> le	9		►		0		2	2
10		10000		Nonp	arametric Te	ests	►		0		2	2
11		11000		Fored	casting		►		0		2	2
12		12000		<u>S</u> urvi	ival		►		0		2	2
13		13000		M <u>u</u> ltip	ole Respons	e	►		0		2	2
14		14000		<u>Q</u> uali	ty Control		►		0		2	2
15		15000		💋 ROC	Cur <u>v</u> e				0		2	2
16		16000			60	3.	98	_	0		2	2
17		17000			59	3.	90		0		2	2
18		18000			63	4.	16		0		2	2
19		19000		1.	79	11.	78		0		2	2
20		20000		1.	95	12.	84		0		2	2
21		21000			50	3.	28		0		2	2
22		22000		1.	78	11.	75		0		2	2
23		23000		1.	87	12.	35		0		2	2
24		24000			70	4.	60		0		2	2
25		25000			48	З.	14		0		2	2
26		26000			84	5.	56		0		2	2
27		27000		З.	41	22.	46		0		2	1

2) The following dialog box will appear.

🖬 Crosstabs		X
ID         ID         ID         ID         ID         ID         Int_type         Int_type      <	Row(s): Column(s): Layer 1 of 1 Previous Next	Statistics C <u>e</u> lls Eormat
Display clustered bar charts	iste <u>R</u> eset Cancel He	ql

3) As before browse and highlight the variables you want to cross-reference and move them to the row and column boxes as applicable

III Crosstabs		×				
MMJ7     MMJ8     MMJ9     MMJ10     MMJ11     MMJ12     MMJ13     MMJ14     MMJ15     MMJ16     MMJ17     MMJ19a	Row(s): Column(s): CCS20 Layer 1 of 1 Previous Next	Statistics C <u>e</u> lls Format				
🥅 Display clustered <u>b</u> ar charts						
🔄 Suppress <u>t</u> ables						
OK <u>F</u>	easte <u>R</u> eset Cancel Help					

🖬 Crosstab		×
	🖬 Crosstabs: Cell Display 💦 🔀	
🛷 ммв1	-Counts	Statistics
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💑 ММВЗ	✓ Observed	Format
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💑 MMB5	Percentages Residuals	
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4) Select 'Cells' and the following dialog box will appear

# 5) Under 'Percentages', click column

🛃 Crosstab		
	🗳 Crosstabs: Cell Display 💦 🔀	
MMB1	Counts	Statistics
MMB2	Counts	C <u>e</u> lls
MMB3	✓ Observed	Format
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💑 MMB4b		
💑 MMB5	Percentages Residuals	
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KMMB7	Column	
MMB8		
MMB11	Noninteger Weights	
MMB14	Round cell counts     O Round case weights	
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	○ Truncate cell counts ○ Truncate case weights	
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	Continue Cancel Help	

6) Click 'Continue' and then 'OK' and you will get the following output:

Crosstabulation						
			CCS20 20. child was bullied			
			1 yes	2 no	Total	
MMJ18 J18. Has Study	1 yes	Count	1264	658	1922	
Child been a victim of		% within CCS20 20. child	38.8%	13.4%	23.5%	
bullying in the last year		was bullied				
	2 no	Count	1996	4258	6254	
		% within CCS20 20. child	61.2%	86.6%	76.5%	
		was bullied				
Total		Count	3260	4916	8176	
		% within CCS20 20. child	100.0%	100.0%	100.0%	
		was bullied				

MMJ18 J18. Has Study Child been a victim of bullying in the last year \* CCS20 20. child was bullied Crosstabulation

### Bullied by child gender

1) To compare the child report of bullying by child's gender we need to run another crosstabulation. Follow the steps outlined above but put CCS20 into 'rows' and MMa5ap2 into 'columns'.

🗰 Crosstabs		×
<ul> <li>CCS14</li> <li>CCS15</li> <li>CCS16</li> <li>CCS17</li> <li>CCS18</li> <li>CCS19a</li> <li>CCS19b</li> <li>CCS19c</li> <li>CCS19c</li> <li>CCS19d</li> <li>CCS19e</li> <li>CCS19f</li> <li>CCS21Aa</li> </ul>	Row(s): Column(s): mma5ap2 Layer 1 of 1 Preyious Next	Statistics C <u>e</u> lls Eormat
🦳 Display clustered <u>b</u> ar charts 🥅 Suppress tables		
ОК	aste <u>R</u> eset Cancel Help	

2) Click 'Continue' and then 'OK' and you will get the following output:

			mma5ap2 Gender P2			
			1 male	2 female	Total	
CCS20 20. child was bullied	1 yes	Count	1666	1599	3265	
		% within mma5ap2 Gender	40.1%	39.7%	39.9%	
		P2				
	2 no	Count	2493	2425	4918	
		% within mma5ap2 Gender	59.9%	60.3%	60.1%	
		P2				
Total		Count	4159	4024	8183	

CCS20 20. child was bullied \* mma5ap2 Gender P2 Crosstabulation

			mma5ap2 Gender P2		
			1 male	2 female	Total
CCS20 20. child was bullied	1 yes	Count	1666	1599	3265
		% within mma5ap2 Gender	40.1%	39.7%	39.9%
		P2			
	2 no	Count	2493	2425	4918
		% within mma5ap2 Gender	59.9%	60.3%	60.1%
		P2			
Total		Count	4159	4024	8183
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

CCS20 20. child was bullied \* mma5ap2 Gender P2 Crosstabulation



#### Forms of bullying by child gender

1) To see if there are differences in the various forms of bullying by child's gender we need to run a set of crosstabulations. Follow the steps outlined above but put variables 'CCS21Aa' to 'CCS21Af' into 'rows' and MMa5ap2 into 'columns'.



2) Click 'Continue' and then 'OK' and you will get the following output:

		mma5ap2 Gender		mma5ap2 Gender P2	
			1 male	2 female	Total
CCS21Aa 21Aa. was	1 yes	Count	1017	613	1630
physically bullied		% within mma5ap2 Gender	67.2%	44.1%	56.1%
		P2			
	2 no	Count	497	778	1275
		% within mma5ap2 Gender	32.8%	55.9%	43.9%
		P2			
Total		Count	1514	1391	2905
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

CCS21Aa 21Aa. was physic	ally bullied * mma5ap2	Gender P2 Crosstabulation
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CCS21Ab 21Ab. was verba	lly bullied * mma5ap2	2 Gender P2 Crosstabulation

			mma5ap2 Gender P2		
			1 male	2 female	Total
CCS21Ab 21Ab. was	1 yes	Count	1220	1012	2232
verbally bullied		% within mma5ap2 Gender	79.4%	69.1%	74.4%
		P2			
	2 no	Count	317	452	769
		% within mma5ap2 Gender	20.6%	30.9%	25.6%
		P2			
Total		Count	1537	1464	3001
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

		mma5a		mma5ap2 Gender P2	
			1 male	2 female	Total
CCS21Ac 21Ac. was	1 yes	Count	73	68	141
electronically bullied		% within mma5ap2 Gender	5.3%	5.2%	5.3%
		P2			
	2 no	Count	1301	1239	2540
		% within mma5ap2 Gender	94.7%	94.8%	94.7%
		P2			
Total		Count	1374	1307	2681
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

CCS21Ac 21Ac. was electronically bullied \* mma5ap2 Gender P2 Crosstabulation

			mma5ap2 Gender P2		
			1 male	2 female	Total
CCS21Ad 21Ad. was bullied	1 yes	Count	179	207	386
via notes		% within mma5ap2 Gender	13.1%	15.9%	14.5%
		P2			
	2 no	Count	1191	1094	2285
		% within mma5ap2 Gender	86.9%	84.1%	85.5%
		P2			
Total		Count	1370	1301	2671
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

			mma5ap2 Gender P2		
			1 male	2 female	Total
CCS21Ae 21Ae. was bullied	1 yes	Count	870	963	1833
by exclusion		% within mma5ap2 Gender	59.2%	67.8%	63.4%
		P2			
	2 no	Count	599	457	1056
		% within mma5ap2 Gender	40.8%	32.2%	36.6%
		P2			
Total		Count	1469	1420	2889
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

CCS21Ae 21Ae. was bullied by exclusion \* mma5ap2 Gender P2 Crosstabulation

CCS21Af 21Af. was bullied in other way * mma5ap2 Gender P2 Crosstabulation								
			mma5ap2 Gender P2					
			1 male	2 female	Total			
CCS21Af 21Af. was bullied	1 yes	Count	184	179	363			
in other way		% within mma5ap2 Gender	11.0%	11.2%	11.1%			
		P2						
	2 no	Count	1482	1420	2902			
		% within mma5ap2 Gender	89.0%	88.8%	88.9%			
		P2						
Total		Count	1666	1599	3265			
		% within mma5ap2 Gender	100.0%	100.0%	100.0%			
		P2						



#### Impact of bullying by child's gender

1) To see if there are differences in the impact of bullying by child's gender we need to run another crosstabulations. Follow the steps outlined above but put variable 'CCS21B' into 'rows' and MMa5ap2 into 'columns'.



2) Click 'Continue' and then 'OK' and you will get the following output:

			mma5ap2 Gender P2		
			1 male	2 female	Total
CCS21B 21b. child upset by	1 A lot	Count	578	731	1309
bullying		% within mma5ap2 Gender	35.6%	46.9%	41.1%
		P2			
	2 A little	Count	814	724	1538
		% within mma5ap2 Gender	50.2%	46.4%	48.3%
		P2			
	3 Not at all	Count	231	104	335
		% within mma5ap2 Gender	14.2%	6.7%	10.5%
		P2			
Total		Count	1623	1559	3182
		% within mma5ap2 Gender	100.0%	100.0%	100.0%
		P2			

CCS21B 21b. child upset by bullying \* mma5ap2 Gender P2 Crosstabulation

