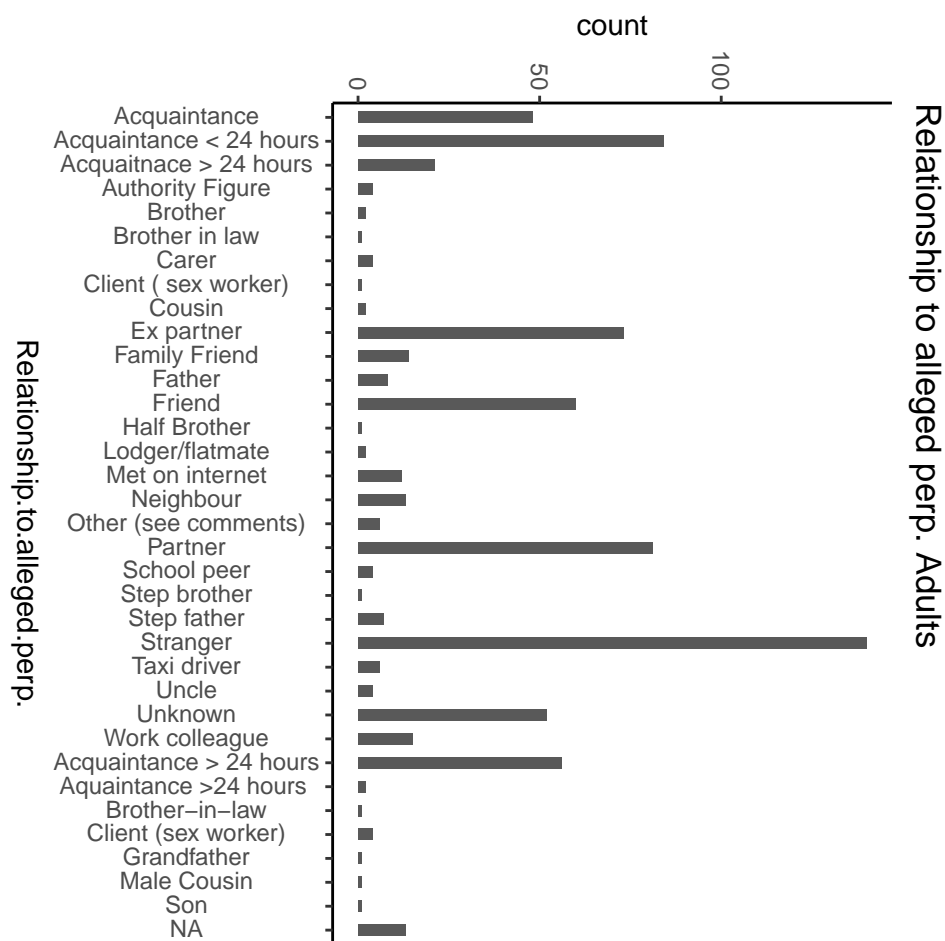# LDSQ/ CAIDSQ. 19-25 Feb report

Pablo M. Rodriguez

1. *Mental health is missing - this was a variable I was interested in. I have a feeling that is because we only used it for half the data. The earlier half where the data was entered did not have information on mental health. i need to think about this.*

There are a few columns present in Jun-Nov 17 data but missing in Dec 16- May 17: Physical disability, Learning disability and Mental Health, for example. These would be interesting to have for the aggregated dataset. For Dec-May, in the section "Comments", there are sometimes comments on mental health.

2. Relationship.to.alleged.perp, adults. Detailed breakdown.

For the sake of space some categories are omitted. Here is a ditaled list of frequencies in Relationship.to.alleged.perp variable:

	N
Stranger	140

	N
Acquaintance < 24 hours	84
Partner	81
Ex partner	73
Friend	60
Acquaintance > 24 hours	56
Unknown	52
Acquaintance	48
Acquaitnace > 24 hours	21
Work colleague	15
Family Friend	14
Neighbour	13
NA's	13
Met on internet	12
Father	8
Step father	7
Other (see comments)	6
Taxi driver	6
Authority Figure	4
Carer	4
School peer	4
Uncle	4
Client (sex worker)	4
Brother	2
Cousin	2
Lodger/flatmate	2
Aquaintance >24 hours	2
Brother in law	1
Client (sex worker)	1
Half Brother	1
Step brother	1
Brother-in-law	1
Grandfather	1
Male Cousin	1
Son	1

It would be useful to aggregate all categories of family members as "family". That would make comparisson clear.

3. NAs in No..of.perps.

There are 13 NAs in No. of perps. in adult data and 18 in Children. Taking a look into the original spreadsheets I found a few blanks. I broke down the NAs into adult and children and periods in case it might help.

	Number.of.NAs..No..of.perps.
Adult Dec-May	15
Adult June-Nov	1
Children Dec-May	12
Children June-Nov	6

4. Assaulty type categories. *These two mean the same thing. This might be because we have collapsed the two spreadsheets data. I noticed this earlier also in ethnicity. two groups for white british and two groups for white other*

I also fixed duplicated categories in Assault types. These are lists containing categories. In area of residence I tried to add the prefix "GM" to those belonging to Greater Manchester. I might have missed some areas because I don't know if they belong to the county (you can find the list of areas in the last section). I think I need to take another thorough look at duplicated categories in all columns before moving on.

Ethnicity:

```
##  [1] "African"
##  [2] "Arab"
##  [3] "Asian - other"
##  [4] "Bangladeshi"
##  [5] "Black - African"
##  [6] "Black - Carribean"
##  [7] "Black - other"
##  [8] "Caribbean"
##  [9] "Chinese"
## [10] "Indian"
## [11] "Not known"
## [12] "Not stated"
## [13] "Other ethnic group"
## [14] "Other ethnic group (please state)"
## [15] "Other mixed"
## [16] "Pakistani"
## [17] "White and Asian"
## [18] "White and Black African"
## [19] "White and Black Carribean"
## [20] "White British"
## [21] "White Irish"
## [22] "White Other"
```

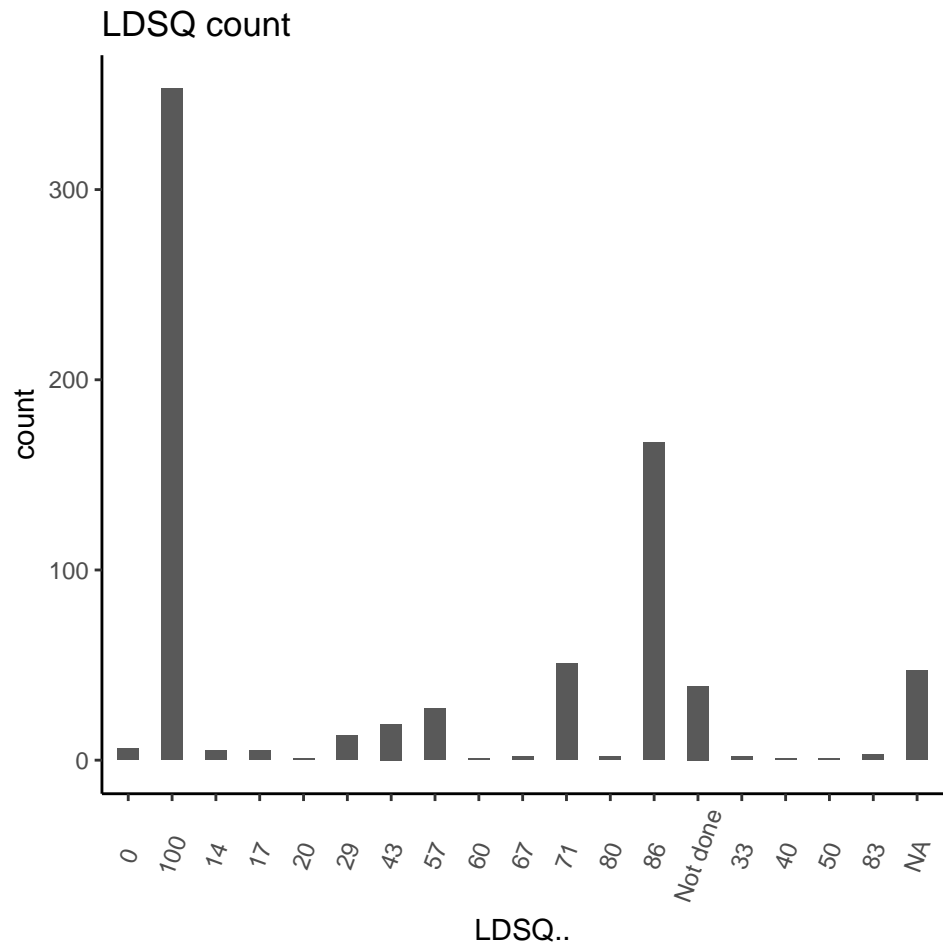Assault types:

```
##  [1] "Cunnilingus"              "Digital Anal"
##  [3] "Digital penetration"      "Digital Vaginal"
##  [5] "Fellatio"                 "Forced to perform a sexual act"
##  [7] "Non penetrative assault"  "Object / Anal"
##  [9] "Object penetration"       "Penile Anal"
## [11] "Penile Oral"              "Penile Vaginal"
## [13] "Sexual touching"          "Unknown"
```

5. Referrer NAs breakdown

	Number.of.NAs..Referrer
Adult Dec-May	12
Adult June-Nov	2
Children Dec-May	12
Children June-Nov	1

6. LDSQ detailed distribution. *I assume this is <43. This is useful categorisation in this way.*

This is the detailed distribution of LDSQ scores. I have not categorised all scores under 43 as <43 because I wanted to keep all categories as they are until you decide if it is more appropriate to do otherwise.

LDSQ count

	N
100	353
86	167
71	51
NA's	47
Not done	39
57	27
43	19
29	13
0	6
14	5
17	5
83	3
67	2
80	2
33	2
20	1

	N
60	1
40	1
50	1

6. 2. LDSQ and CAIDS NAs breakdown

	Number.of.NAs..LDSQ.CAIDS
Adult Dec-May	43
Adult June-Nov	4
Children Dec-May	66
Children June-Nov	75

7. *Clearly error - we can check STARS to get missing genders*

Here is the Gender NAs breakdown for children

	Number.NAs..Gender
Children Dec-May	1
Children June-Nov	2

8. DV. History in Children. *Is this DV.history for 16+ year olds only (as DV history is not appropriate for 15's and younger) same with DASH score If not, the NAs may be fewer.*

The "DASH done" and "DASH score" are not present in the Dec-May spreadsheet for Children. For this reason, it is not in the aggregated dataset for children.

Number of rows in children data with DV.History = "Yes" and Age > 15

[1] 20

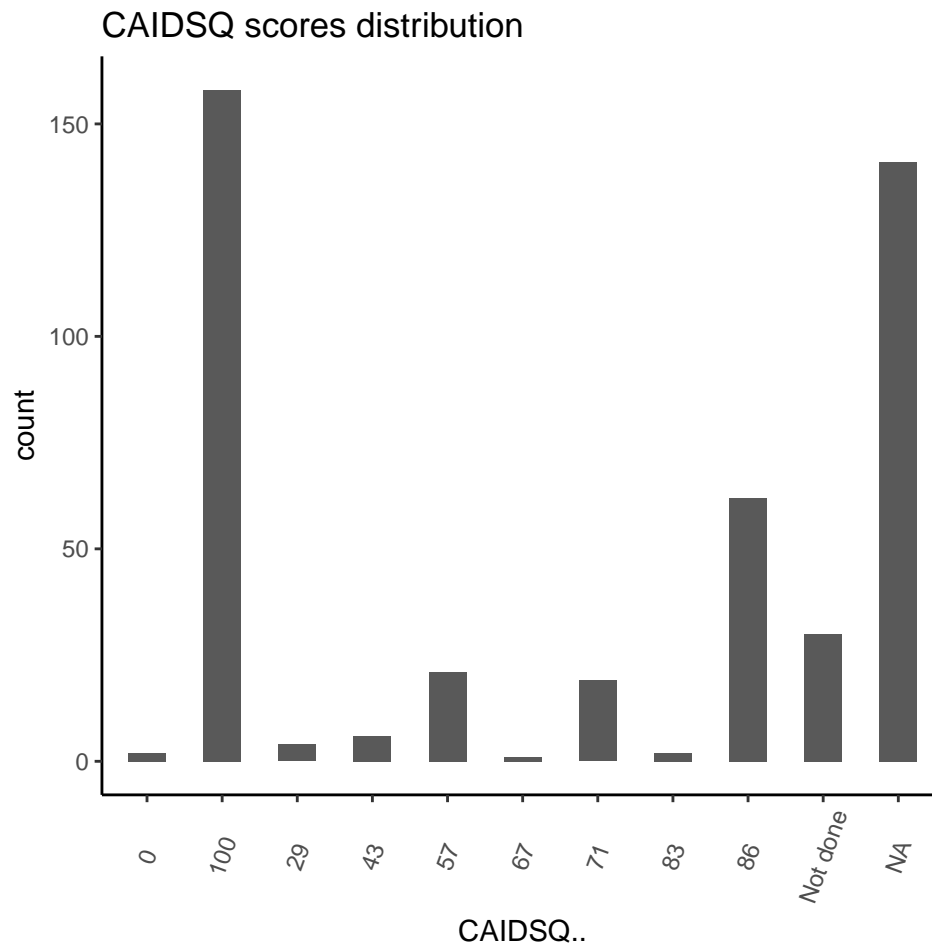**Number of rows in children data with DV.History = "Yes" and Age <= 15**

[1] 49

If we considered the last as not appropriateand exclude them from the measure (without assigning NAs) then the overall number of NAs would be less. The number of new hypothetical NAs in DV.history would be:

[1] 39

Still, we can break down those NAs into periods

	Number.of.NAs..CAIDS
Children Dec-May	62
Children June-Nov	26

9. CAIDSQ detailed distribution.

CAIDSQ scores distribution

	N
100	158
NA's	141
86	62
Not done	30
57	21
71	19
43	6
29	4
0	2
83	2
67	1

10. Area of residence detailed distribution.

Adults.Var1	Adults.Var2	Adults.Freq
	Area.of.residence	Aberton : 1
	Area.of.residence	Alsager : 1

Adults.Var1	Adults.Var2	Adults.Freq
	Area.of.residence	Altrincham : 3
	Area.of.residence	Ardwick : 3
	Area.of.residence	Ashton : 7
	Area.of.residence	Ashton-under-Lyne : 1
	Area.of.residence	Barnsley : 1
	Area.of.residence	Beswick : 1
	Area.of.residence	Billington : 1
	Area.of.residence	Blackley : 4
	Area.of.residence	Bredsbury : 1
	Area.of.residence	Burnage : 2
	Area.of.residence	Cambridge : 1
	Area.of.residence	Cardiff : 1
	Area.of.residence	Central Manchester : 1
	Area.of.residence	Chadderton : 1
	Area.of.residence	Cheadle : 2
	Area.of.residence	Cheetham Hill : 1
	Area.of.residence	Cheshire : 8
	Area.of.residence	Cheshire-Other : 1
	Area.of.residence	Cheshire East :22
	Area.of.residence	Cheshire Halton : 7
	Area.of.residence	Cheshire Warrington :15
	Area.of.residence	Cheshire West :21
	Area.of.residence	Chester : 8
	Area.of.residence	Clayton : 2
	Area.of.residence	Colyhurst : 1
	Area.of.residence	Crewe : 7
	Area.of.residence	Derbyshire : 7
	Area.of.residence	Didsbury : 2
	Area.of.residence	Droyslsden : 1
	Area.of.residence	Duckingfield : 3
	Area.of.residence	Dukinfield : 2
	Area.of.residence	Ellesmere Port : 3
	Area.of.residence	Farmworth : 2
	Area.of.residence	Glasgow : 1
	Area.of.residence	Glassop : 2
	Area.of.residence	GM-Bolton :64
	Area.of.residence	GM-Bury :27
	Area.of.residence	GM-Chorlton : 1
	Area.of.residence	GM-Eccles : 3
	Area.of.residence	GM-Fallowfield :10
	Area.of.residence	GM-Hulme : 1
	Area.of.residence	GM-Longsight : 4
	Area.of.residence	GM-Manchester :87
	Area.of.residence	GM-Moss Side : 1
	Area.of.residence	GM-Old Trafford : 2
	Area.of.residence	GM-Oldham :42
	Area.of.residence	GM-Other : 2
	Area.of.residence	GM-Prestwich : 2
	Area.of.residence	GM-Rochdale :39
	Area.of.residence	GM-Rusholme : 4
	Area.of.residence	GM-Sale : 3
	Area.of.residence	GM-Salford :44

Adults.Var1	Adults.Var2	Adults.Freq
	Area.of.residence	GM-Stockport :33
	Area.of.residence	GM-Tameside :12
	Area.of.residence	GM-Trafford :19
	Area.of.residence	GM-Victoria Park : 1
	Area.of.residence	GM-Wigan :29
	Area.of.residence	Hale : 1
	Area.of.residence	Halton Cheshire : 1
	Area.of.residence	Harpurhey : 1
	Area.of.residence	Hastings : 1
	Area.of.residence	Hazel Grove : 1
	Area.of.residence	Heywood : 2
	Area.of.residence	Hyde : 7
	Area.of.residence	Leeds : 1
	Area.of.residence	Leigh : 1
	Area.of.residence	Levenshulme : 2
	Area.of.residence	Liverpool : 1
	Area.of.residence	Loughborough : 1
	Area.of.residence	Macclesfield : 2
	Area.of.residence	Manchester :22
	Area.of.residence	Marple : 1
	Area.of.residence	Merseyside : 2
	Area.of.residence	Merseyside-Liverpool : 6
	Area.of.residence	Merseyside-St Helens & Halton: 2
	Area.of.residence	Merseyside-Wirral : 1
	Area.of.residence	Middleton : 3
	Area.of.residence	Middlewich : 1
	Area.of.residence	Moston : 6
	Area.of.residence	Nantwich : 2
	Area.of.residence	New Moston : 1
	Area.of.residence	Newton Heath : 2
	Area.of.residence	Northwich : 2
	Area.of.residence	Nottingham : 1
	Area.of.residence	Openshaw : 2
	Area.of.residence	Other : 6
	Area.of.residence	Out of area : 8
	Area.of.residence	Preston : 1
	Area.of.residence	Radcliffe : 2
	Area.of.residence	Reddish : 2
	Area.of.residence	Redoish : 1
	Area.of.residence	Runcorne Cheshire : 4
	Area.of.residence	Sandbach Cheshire : 1
	Area.of.residence	Southampton : 1
	Area.of.residence	Stalybridge : 2
	Area.of.residence	Stockton-on-Tees : 1
	Area.of.residence	Stoke-On-Trend : 1
	Area.of.residence	Swinton : 6
	Area.of.residence	Tameside : 7
	Area.of.residence	Timperley : 2
	Area.of.residence	Todmorden : 1
	Area.of.residence	Wales : 1
	Area.of.residence	Walkden : 2
	Area.of.residence	Wardle : 1

Adults.Var1	Adults.Var2	Adults.Freq
	Area.of.residence	Warrington : 8
	Area.of.residence	Whaney Range : 2
	Area.of.residence	Whitefield : 2
	Area.of.residence	Widnes Cheshire : 4
	Area.of.residence	Wilmslow : 1
	Area.of.residence	Winsford : 1
	Area.of.residence	Wirral : 3
	Area.of.residence	Withington : 4
	Area.of.residence	Worsley : 1
	Area.of.residence	Wrexham : 1
	Area.of.residence	Wythenshawe : 7
	Area.of.residence	NA's : 7

Children.Var1	Children.Var2	Children.Freq
	Area.of.residence	GM-Manchester :49
	Area.of.residence	Cheshire East :22
	Area.of.residence	GM-Bolton :20
	Area.of.residence	GM-Salford :20
	Area.of.residence	GM-Stockport :19
	Area.of.residence	Bolton :18
	Area.of.residence	GM-Tameside :16
	Area.of.residence	GM-Oldham :15
	Area.of.residence	Rochdale :14
	Area.of.residence	Wigan :14
	Area.of.residence	GM-Wigan :14
	Area.of.residence	Cheshire West :13
	Area.of.residence	Cheshire Warrington:12
	Area.of.residence	GM-Trafford :12
	Area.of.residence	Stockport :11
	Area.of.residence	Oldham :10
	Area.of.residence	Cheshire Halton :10
	Area.of.residence	Cheshire : 9
	Area.of.residence	Warrington : 9
	Area.of.residence	Salford : 8
	Area.of.residence	GM-Rochdale : 7
	Area.of.residence	Manchester : 6
	Area.of.residence	Worsley : 5
	Area.of.residence	Cheshire-Other : 5
	Area.of.residence	GM-Bury : 5
	Area.of.residence	Out of area : 5
	Area.of.residence	Bury : 4
	Area.of.residence	Nantwich : 4
	Area.of.residence	Hyde : 3
	Area.of.residence	Runcorn : 3
	Area.of.residence	Runcorne : 3
	Area.of.residence	Tameside : 3
	Area.of.residence	Derbyshire : 3
	Area.of.residence	Ashton : 2
	Area.of.residence	Cheadle : 2
	Area.of.residence	Chester : 2
	Area.of.residence	Crewe : 2

Children.Var1	Children.Var2	Children.Freq
	Area.of.residence	Duckinfield : 2
	Area.of.residence	Eccles : 2
	Area.of.residence	Macclesfield : 2
	Area.of.residence	Middleton : 2
	Area.of.residence	Sale : 2
	Area.of.residence	GM-Other : 2
	Area.of.residence	Merseyside-Wirral : 2
	Area.of.residence	Altrincham : 1
	Area.of.residence	Atherton : 1
	Area.of.residence	Audershane : 1
	Area.of.residence	Blackburn : 1
	Area.of.residence	Blackley : 1
	Area.of.residence	Blackny : 1
	Area.of.residence	Burnage : 1
	Area.of.residence	Burnley : 1
	Area.of.residence	Chaddinton : 1
	Area.of.residence	Cheetam Hill : 1
	Area.of.residence	Chorlton : 1
	Area.of.residence	Clayton : 1
	Area.of.residence	Didsbury : 1
	Area.of.residence	Droyldon : 1
	Area.of.residence	Ellesmere Port : 1
	Area.of.residence	Failsworth : 1
	Area.of.residence	Giossop : 1
	Area.of.residence	Hale : 1
	Area.of.residence	Heywood : 1
	Area.of.residence	Knutsford : 1
	Area.of.residence	Leigh : 1
	Area.of.residence	Levenshulme : 1
	Area.of.residence	Liverpool : 1
	Area.of.residence	Macklesfield : 1
	Area.of.residence	Marple : 1
	Area.of.residence	Mosside : 1
	Area.of.residence	New Moston : 1
	Area.of.residence	Newton : 1
	Area.of.residence	Northwich : 1
	Area.of.residence	Old Trafford : 1
	Area.of.residence	Openshaw : 1
	Area.of.residence	Prestwich : 1
	Area.of.residence	Rusholme : 1
	Area.of.residence	Stalybridge : 1
	Area.of.residence	Stolybridge : 1
	Area.of.residence	Stretford : 1
	Area.of.residence	Timberley : 1
	Area.of.residence	Trafford : 1
	Area.of.residence	Tyldesley : 1
	Area.of.residence	Walkden : 1
	Area.of.residence	(Other) : 8
	Area.of.residence	NA's : 5