# Final Analysis – CLEAR project August 2017

TB 6th April

The SPSS data has been downloaded from the CLEAR site and transformed using python to basic and derived variables required for a life event analysis. There are 336 respondents with a line of data for each.

## All respondents T1 (336) personal stress profile for SPSS data base. This downloaded and recoded from the CLEAR online site

* all demographics for full sample).
* GHQ depression score and case rating (5+ score for case level)
* Date onset of depression of GHQ coded and utilised for identifying event prior to onset.

**Other Questionnaire scores:**

* RLEQ Life events – (a) total score of events and (b) total score ‘upset’ calculated
* VASQ score sums –(a) total insecurity, (b) Avoidant-insecure, (c) Anxious-proximity seeking . These dichotomised (published thresholds). (d) Secure category (low on other two) and (e3) Disorganised (high on both Avoidant and Anxious).
* Health – each variable of health complaint listed as ‘yes/no’ to whether present. Sum of health scores (1=yes) calculated
* WWEMS Wellbeing – (a) total score and (b)high, (c)medium and (d) low categories

**Negative Life events:** These derived from a fuller range of individual life events per respondent and compiled for SPSS by person format.

**Severe life event =** whereLong term threat = 1,23 (high) AND focus = self or joint (0 or 1)

* Total sum Severe Events (SE) per person calculated
* Total sum Severe Events ‘A’ –using higher cut-off per person (SEA) (1-2 long term threat) calculated

Sum severe events in each subdomain calculated

* **0** Education – sum SE
* **1** Work – sum SE
* **2** Fertility, Pregnancy and Birth – sum SE
* **3** Housing- Sum SE
* **4** Money/Possessions – sum SE
* **5** Crime/Legal – sum SE
* **6** Health/Treatment/Accidents/Death – Sum SE
* **7** Quality of Partner Relationship – Sum SE
* **8** Quality of Family of origin/ Confidant Relationships Sum SE
* **9** Quality of Child Relationships Sum SE
* **10** Geopolitical Events- Sum SE

**Identifying those severe life events with additional rating on dimension such as loss or danger:**

* Sum severe event + loss
* Sum severe event + danger
* Sum severe event + humiliation
* Sum severe event + Goal frustration
* Sum severe event + trauma
* Sum severe event + goal frustration

Presence of SE in violence or loss (Yes/no for SE in each category) denoting estimated trauma:

Any 1 of:

death (category 69); violence/rape (76); Sep/Divorce (76); Miscarriage/abortion (23 or 24) stillbirth (26); Offence against person (50); violence relative (85); Violence/pestering (95); Natural disaster/terrorism 102 or 104

**Positive events – PE**

**Derived variables for positive events (1-2 vs 3-4 on level of LT positivity)**

* Sum positive events PE (0,1) (LT marked or moderate)

Positive events with characteristics. Any PE plus rating on the characteristics:

* Sum PE + restore
* Sum PE + reconciliation
* Sum PE + Relief
* Sum PE + Routine
* Sum PE + Anchoring
* Sum PE + Self image

Sum PE in each subdomain or category

* **0** Education – sum PE
* **1** Work – sum PE
* **2** Fertility, Pregnancy and Birth – sum PE
* **3** Housing- Sum PE
* **4** Money/Possessions – sum PE
* **5** Crime/Legal – sum PE
* **6** Health/Treatment/Accidents/Death – Sum PE
* **7** Quality of Partner Relationship – Sum PE
* **8** Quality of Family of origin/ Confidant Relationships Sum PE
* **9** Quality of Child Relationships Sum PE
* **10** Geopolitical Events- Sum PE

**Provoking agents – Severe life events pre onset depression (GHQ=5+ establish date)**

For respondents with case level depression (GHQ=>5), timing of onset determined and severe event selected closest in time pre onset; For comparison group most recent SE. (Those with no SE excluded - missing).

For the one selected PA event per person characterised by

* Long category (0-106 categorisation of event) SE
* Short Category (0-10 cagtegorisation of event) SE

Provoking agent SE further identified by event Attributes

* Loss (yes/no)
* Danger (yes/no)
* Humiliation (yes/no)
* Goal frustration (yes/no)
* Trauma (yes/no)
* Routine disruption (yes/no)

**Long Term Problems - LTPS**

Sum of all LTP per person

Sum of LTPs of 1-3 severity (highest on scale)

(a) sum of LTP in each short classification (yes/no)

(b) Highest severity of LTP in each category

* **0** Education –
* **1** Work –
* **2** Fertility, Pregnancy and Birth –
* **3** Housing-
* **4** Money/Possessions –
* **5** Crime/Legal –
* **6** Health/Treatment/Accidents/Death –
* **7** Quality of Partner Relationship –
* **8** Quality of Family of origin/ Confidant Relationships
* **9** Quality of Child Relationships
* **10** Geopolitical Events