Development document for creating Proc Frequency in R

# Exhaustive Requirements:

1. Code must work in R
2. Table format
3. Displays a table of stroke incidence (only new cases for each wave), with wave (fu\_year) at the top of the table and a sum of the number of unique people with each combination. [0=no stroke, NA (or represented by “.”)= missing, 1=stroke]

code in SAS:

proc Freq;

Tables W1\*W2\*W3 / list missing;

Run;

| Number of individuals  Frequency | Wave 1 | Wave 2 | Wave 3 |
| --- | --- | --- | --- |
| 0 | 0 | 0 | 1 |
| 75 | 0 | 1 | 1 |
| 100 | 1 | 1 | 1 |
| 30 | 0 | 0 | 0 |
| 55 | NA | NA | NA |

# Define Requirements in English:

get a table with the frequency of new occurrences of stroke from baseline to last wave of data collection.

There are n groups representing:

1. no stroke at any level

2. stroke at all levels

2. missing for all levels

3. no stroke at baseline, stroke at all other levels

4. no stroke at baseline or wave 2, stroke at all other levels etc.

5 …continuing for all waves of data in the data set.