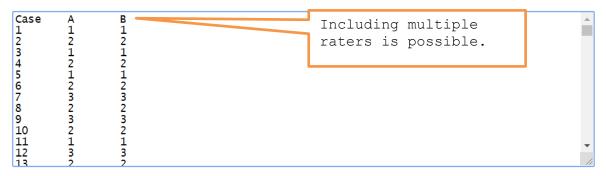# `Agreement calculator instructions`

This tool can be used to:

- Calculate appropriate inter-rater agreement measures.
- Calculate relate p-values.

Instructions:

1) **Paste values into the textbox. The same case needs to be rated by two or more raters.**

   1. Paste tab delimited data including header row and id column. For help click <u>here.</u>

Case	A	B
1	1	1
2	2	2
3	1	1
4	2	2
5	1	1
6	2	2
7	3	3
8	2	2
9	3	3
10	2	2
11	1	1
12	3	3
13	2	2

   `Including multiple raters is possible.`

2) **Decide on the type of the variable.**

   ◉ Nominal variable (categories) ◯ Ordinal variable (ranks) ◯ Interval/ratio variable (scale)

3) **Click on 'Calculate agreement'**

4) **The output**

   `Related p-values`

   <u>For a nominal variable:</u>
   Raw agreement = 70%; AC1 = 0.56 (p = 0.0362); Cohen's kappa = 0.52 (p = 0.0413)

   <u>For an ordinal variable:</u>
   Raw agreement = 83.33%; AC2 = 0.59 (p = 0.0656)

   <u>For an interval/ratio variable:</u>
   Interclass correlation (ICC2) = 0.44 (p = 0.09)