

Triangulation Guidance

The purpose of this triangulation is to see whether the machine and human analyses give us the *same general impression of the data*.

We are conducting a ‘methodological and investigator triangulation’ (comparison).

This is because we are comparing the results from **two different analyses** conducted by **multiple different researchers**.

A convergence coding matrix will be used, and 2-3 researchers will independently triangulate the findings of each of the 4 datasets.

This triangulation involves *comparing the codes from the Machine and Human*, and categorising the codes as:

1. **In Agreement** – conceptual convergence between analyses.
2. **Complementary** – a shared meaning or essence between findings.
3. **Dissonance** – disagreement between the findings. Differ completely in meaning.
4. **Silence** – a finding is present in only one of the analyses.

The Process

You will fill in a table for each of the 4 datasets. See Table 1 below for an example. The 4 datasets have their own word document, labelled:

1. Cornwall Triangulation
 2. Drought Triangulation
 3. Germ Defence Triangulation
 4. Sustainability Triangulation
- There will be a list of codes down the left-hand side of the word document table. You need to look at the *excel file* for each of the datasets – and *fill in the word document table using the list of codes in excel*.
 - The same process must be followed for the themes. The word document has a table at the end of the document for themes, and there is a second sheet of the excel files with the themes to put in the table.
 - Each comparison code (from excel) should fit into “agreement” “complementary” “dissonance” or “silence”.
 - For “agreement” “complementary” and “dissonance”, you should paste the full code (with its corresponding number from excel) into the table. I’ve tried to show this in line 1 of the example table below.
 - For “silence”, please just put “not present” in the table if the code doesn’t appear. See line 2 in the example table below.
 - There may also be instances where codes *from the excel file* do not fit anywhere in the table. In this instance, please document these codes in the “Silent Codes (not documented elsewhere)” empty row at the bottom of the table. I have given an example of this in the table below.
 - After all researchers have triangulated the analyses, we will meet to compare and discuss decisions, and reach consensus on the findings.

Table 1. *Example Table.*

	Comparison Code			
Code	Agreement	Complementary	Dissonance	Silence
Actors were happy and joyous	(3) Merry cast, full of cheer	(5) Happy atmosphere in the theatre	(2) Sad, discontented actors	
Lack of accessibility to the event				Not present
Silent Codes (not documented elsewhere)	(7) Expensive food prices at the event			