

Changes and states

When gathering primary data, the way in which questions are asked influences the meaning of the maps and their links. For example, in the QuIP, (Copestake et al., 2019b) respondents are asked to identify causes of changes, then causes of the causes and so on. This means that most of the factors are already as *changes in something*, such as 'an improved harvest' or 'reduced hunger'). This has implications for how positive and negative statements are combined, as discussed later.