



ToC AND CAUSAL MAPS IN GHANA – SUMMARY (BOOK CHAPTER)

(Powell et al., 2023)

Source: book chapter draft in [content/000 Articles/020 !! toc book chapter.md](#).

- **Purpose**
 - Show how QuIP-style causal mapping can compare an official programme ToC (“their theory”) with empirically coded beneficiary narratives (“our theory”), as a disciplined way to revise ToCs and “middle-level theory”.
- **Minimal definition (what a causal map is)**
 - A causal map is nodes + directed links, where a link means (at minimum) *someone believes C influenced E*.
 - Links need not encode necessity/sufficiency, nor quantified strength/polarity (though those are sometimes added in other approaches).
- **QuIP as causal mapping**
 - Goal-free / (partially) blindfolded elicitation of stories of change reduces confirmation bias.
 - “Causal back-chaining” elicits causes, causes-of-causes, etc.
 - Coding is inductive and multi-source; maps are then filtered/queried to answer evaluation questions.
- **How analysis is actually done**
 - Global maps are too large; use filters (e.g. theme/keyword searches, distance steps, frequency thresholds).
 - **Hierarchical coding / zooming out**: encode subfactors in factor labels so detailed factors can be rolled up into higher-level factors for readable summary maps.
 - Evidence strength is often shown with counts on links (mentions / sources).
- **Interpretation pitfalls (explicitly listed)**

- **Beliefs about causation are not facts about causation:** evaluator judgement remains separate.
- **Absence of a mentioned link is not evidence of absence** (random-walk conversations; negative cases).
- **Transitivity trap / context overlap:** stitching $A \rightarrow B$ (source 1) and $B \rightarrow C$ (source 2) does not justify $A \rightarrow C$ unless contexts overlap.
- Aggregation/generalisation is non-trivial; counts support confidence but don't convert to "truth percentages".

References

Powell, Larquemin, Copestake, Remnant, & Avarð (2023). *Does Our Theory Match Your Theory? Theories of Change and Causal Maps in Ghana*. In *Strategic Thinking, Design and the Theory of Change. A Framework for Designing Impactful and Transformational Social Interventions*.