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Further Reading

Gerrits, L. M., & Verweij, S. (2018). *The evaluation of complex infrastructure projects: A guide to qualitative comparative analysis*. Cheltenham, UK: Edward Elgar.

Rihoux, B., & Ragin, C. C. (Eds.). (2009). *Configurational comparative methods: Qualitative comparative analysis (QCA) and related techniques*. Thousand Oaks, CA: SAGE.

Schneider, C. Q., & Wagemann, C. (2012). *Set-theoretic methods for the social sciences: A guide to qualitative comparative analysis*. Cambridge, UK: Cambridge University Press.

Web Resources

See www.compass.org for an extensive overview of QCA books, articles, software, training courses, and conferences.

References

Basurto, X., & Speer, J. (2012). Structuring the calibration of qualitative data as sets for qualitative comparative analysis (QCA). *Field Methods*, 24, 155–174.

Boeije, H. (2010). *Analysis in qualitative research*. London, England: SAGE.

Busscher, T., Verweij, S., Van den Brink, M., Edelenbos, J., Bouwman, R., & Van den Broek, J. (2017). *Het organiseren van ruimtelijke kwaliteit: Inzichten uit Ruimte voor de Rivier [Organizing spatial quality: Insights from Room for the River]*. Groningen, The Netherlands: Rijksuniversiteit Groningen.

De Block, D., & Vis, B. (2018). Addressing the challenges related to transforming qualitative into quantitative data in qualitative comparative analysis. *Journal of Mixed Methods Research*. Advance online publication. doi:<http://dx.doi.org/10.1177/1558689818770061>

Edelenbos, J., & Klijn, E. H. (2009). Project versus process management in public-private partnership: Relation between management style and outcomes. *International Public Management Journal*, 12, 310–331.

Flyvbjerg, B., Bruzelius, N., & Rothengatter, W. (2003). *Megaprojects and risk: An anatomy of ambition*. Cambridge, UK: Cambridge University Press.

Gerrits, L. M., & Verweij, S. (2013). Critical realism as a meta-framework for understanding the relationships between complexity and qualitative comparative analysis. *Journal of Critical Realism*, 12, 166–182.

Gerrits, L. M., & Verweij, S. (2016). Qualitative comparative analysis as a method for evaluating complex

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cases: An overview of literature and a stepwise guide with empirical application. *Zeitschrift für Evaluation*, 15, 7–22.

Gerrits, L. M., & Verweij, S. (2018). *The evaluation of complex infrastructure projects: A guide to qualitative comparative analysis*. Cheltenham, UK: Edward Elgar.

Pattyn, V., Gerrits, L. M., & Verweij, S. (2015). Qualitative comparative analysis: Meer behorend bij de kwalitatieve dan de kwantitatieve benadering. *Kwalon*, 20, 26–33.

Pattyn, V., Molenveld, A., & Befani, B. (2017). Qualitative comparative analysis as an evaluation tool: Lessons from an application in development cooperation. *American Journal of Evaluation*. Advance online publication. doi:<http://dx.doi.org/10.1177/1098214017710502>

Ragin, C. C. (1987). *The comparative method: Moving beyond qualitative and quantitative strategies*. Berkeley: University of California Press.

Ragin, C. C. (2000). *Fuzzy-set social science*. Chicago, IL: The University of Chicago Press.

Ragin, C. C. (2008). *Redesigning social inquiry: Fuzzy sets and beyond*. Chicago, IL: The University of Chicago Press.

Rihoux, B. (2003). Bridging the gap between the qualitative and quantitative worlds? A retrospective and prospective view on qualitative comparative analysis. *Field Methods*, 15, 351–365.

Rihoux, B. (2013). Qualitative comparative analysis (QCA), anno 2013: Reframing the Comparative Method's seminal statements. *Swiss Political Science Review*, 19, 233–245.

Rihoux, B., & Lobe, B. (2009). The case for qualitative comparative analysis (QCA): Adding leverage for thick cross-case comparison. In **D. S. Byrne & C. C. Ragin** (Eds.), *The SAGE handbook of case-based methods* (pp. 222–242). London, England: SAGE.

Rihoux, B., & Ragin, C. C. (Eds.). (2009). *Configurational comparative methods: Qualitative comparative analysis (QCA) and related techniques*. Thousand Oaks, CA: SAGE.

Rohlfing, I., & Schneider, C. Q. (2013). Improving research on necessary conditions: Formalized case selection for process tracing after QCA. *Political Research Quarterly*, 66, 220–235.

Schneider, C. Q., & Rohlfing, I. (2016). Case studies nested in fuzzy-set QCA on sufficiency: Formalizing case selection and causal inference. *Sociological Methods & Research*, 45, 526–568.

Schneider, C. Q., & Wagemann, C. (2010). Standards of good practice in qualitative comparative analysis (QCA) and fuzzy-sets. *Comparative Sociology*, 9, 397–418.

Schneider, C. Q., & Wagemann, C. (2012). *Set-theoretic methods for the social sciences: A guide to*

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qualitative comparative analysis. Cambridge, UK: Cambridge University Press.

Verweij, S. (2013). Set-theoretic methods for the social sciences: A guide to qualitative comparative analysis. *International Journal of Social Research Methodology*, 16, 165–166.

Verweij, S. (2015a). Achieving satisfaction when implementing PPP transportation infrastructure projects: A qualitative comparative analysis of the A15 highway DBFM project. *International Journal of Project Management*, 3, 189–200.

Verweij, S. (2015b). Producing satisfactory outcomes in the implementation phase of PPP infrastructure projects: A fuzzy set qualitative comparative analysis of 27 road constructions in the Netherlands. *International Journal of Project Management*, 33, 1877–1887.

Verweij, S. (2017). Addressing the evaluation-implementation gap in infrastructure megaproject research with qualitative comparative analysis. In **M. Lehtonen, P. B. Joly, & L. Aparicio** (Eds.), *Socioeconomic evaluation of megaprojects: Dealing with uncertainties* (pp. 220–239). Abingdon, UK: Routledge.

Verweij, S., & Gerrits, L. M. (2012). Assessing the applicability of qualitative comparative analysis for the evaluation of complex projects. In **L. M. Gerrits & P. Marks** (Eds.), *Compact I: Public administration in complexity* (pp. 93–117). Litchfield Park, AZ: Emergent Publications.

Verweij, S., & Gerrits, L. M. (2013). Understanding and researching complexity with qualitative comparative analysis: Evaluating transportation infrastructure projects. *Evaluation*, 19, 40–55.

Verweij, S., & Gerrits, L. M. (2014). Managing unplanned events in large infrastructure projects: Results from an in-depth comparative case evaluation. In **J. W. Meek & K. S. Marshall** (Eds.), *Compact II: Administrative strategies for complex governance systems* (pp. 81–108). Litchfield Park, AZ: Emergent Publications.

Verweij, S., & Gerrits, L. M. (2015). How satisfaction is achieved in the implementation phase of large transportation infrastructure projects: A qualitative comparative analysis into the A2 tunnel project. *Public Works Management & Policy*, 20, 5–28.

Verweij, S., Teisman, G. R., & Gerrits, L. M. (2017). Implementing public-private partnerships: How management responses to events produce (un)satisfactory outcomes. *Public Works Management & Policy*, 22, 119–139.

Weiss, R. S. (1994). *Learning from strangers: The art and method of qualitative interview studies*. New York, NY: The Free Press.