QCA Software

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http://grundrisse.org/qca/
http://compasss.org
QCA is both a technique and an approach.

As a technique
- Measures of degree of set membership
- Subset relations measured by consistency and coverage
- Taxonomies as truth tables
- Sufficiency solutions via Quine-McCluskey minimization
- Requires software

As an approach
- Rihoux, et. al. (2009, Ch 1 of CCM)
- Ragin & Fiss (2017) Intersectional Inequality
- Doesn’t require software
Qualitative Comparative Analysis
QCA 3.0
Serial # 030B0002
© Kriss Drass 1993
Major QCA Software Packages
(see [http://compasss.org](http://compasss.org) for a complete list)

- **QCA**
  - (Drass and Ragin 1992)
  - **TOSMANA (.NET, Mono)**
    - (Cronqvist 2003)
  - **fs/QCA (Win, OSX)**
    - (Ragin, Drass, & Davey 2009)
  - **QCA (R)**
    - (Duşa 2006)
  - **QCA3 (R)**
    - (Huang 2012)
  - **Excel Add-In (Win, OSX)**
    - (Cronqvist 2018)
  - **SetMethods (R)**
    - (Oana, et. al. 2013)
  - **Kirq (Win, OSX, Linux)**
    - (Rubinson & Reichert 2012)
  - **QCApro (R)**
    - (Thiem 2016)

- **fuzzy (Stata)**
  - (Longest & Vaisey 2008)
Recommendations

- Distinguish between QCA as a technique and QCA as an approach. *A good QCA embraces the approach.*

- Carefully consider how QCA is applied to small, medium, and large-N studies and the respective emphasis on in-depth case knowledge versus cross-case regularities.

- Different software packages approach QCA differently, shaping how you think about and conduct your analysis.

- Software is just a means to an end. It automates the mundane and repetitive parts of the analysis, so that you can focus on what’s really important—getting to know your cases.

- Follow **COMPASSS** for updates on QCA/CCM software.