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http://egora.uni-muenster.de/intf/
Coherence-Based Genealogical Method (CBGM)

• Aim: Reconstruction of the initial text, the text from which the manuscript tradition started
• Method: Trace coherent structures in the textual tradition and draw conclusions about the genealogy of variants and the witnesses containing them
• Pre-genealogical Coherence: Evaluation of agreements and differences of compared texts
• Genealogical Coherence: Evaluation of priority and posteriority of variants contained in compared texts
The CBGM Workflow

1) Transcribe the states of text preserved in the manuscripts.
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1) Transcribe the states of text preserved in the manuscripts.
2) Produce an apparatus of variants, purge the CBGM input from orthographical idiosyncrasies and scribal errors.
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1) Transcribe the states of text preserved in the manuscripts.
2) Produce an apparatus of variants, purge the CBGM input from orthographical idiosyncrasies and scribal errors.
3) Tabulate Pre-Genealogical Coherence
Pre-Genealogical Coherence: Cluster 429

MS 429, No Filter, All Available Chapters, Average Agreement: 88.4%
429 - MT 88.43%
1) 206 - 98.4% (4101/4166)
2) 522 - 96.7% (7059/7300)
3) 1490 - 95.4% (7075/7416)
4) 2200 - 95.2% (6919/7265)
5) 630 - 94.7% (6902/7285)
6) 1891 - 94.4% (6995/7409)
7) 1509 - 93.7% (6953/7419)
8) 1739 - 93.7% (6759/7214)
9) 945 - 93.1% (6914/7427)
10) 2298 - 93.1% (6913/7425)
11) 1704 - 93.0% (6874/7391)
12) 1831 - 93.0% (4589/4933)
13) 35 - 91.9% (6748/7344)
14) 1751 - 91.6% (6579/7186)
15) 323 - 91.2% (6670/7316)
16) 636 - 90.9% (6701/7371)
17) 18 - 90.8% (6721/7401)
18) 1251 - 90.5% (6697/7401)
19) 642 - 90.3% (5585/6184)
20) 1609 - 90.2% (6509/7219)
Pre-Genealogical Coherence: Acts 11:8/12-18c

Acts 11:8/12-18 - c
No Filter, Incl. Majority Text, Up to 30 Relatives, Scope: All Chapters

429 - MT 88.43%
1 - 1) 522 - 96.7% (7059/7300) - c
2 - 2) 1490 - 95.4% (7075/7416) - c
3 - 3) 2200 - 95.2% (6919/7265) - c
4 - 4) 630 - 94.7% (6902/7285) - c
5 - 5) 1891 - 94.4% (6995/7409) - c
6 - 6) 1509 - 93.7% (6953/7419) - f (M)
7 - 7) 1739 - 93.7% (6759/7214) - c
8 - 8) 945 - 93.1% (6914/7427) - h
9 - 9) 2298 - 93.1% (6913/7425) - c
10 - 10) 1704 - 93.0% (6874/7391) - h
11 - 11) 35 - 91.9% (6748/7344) - f (M)
12 - 12) 1751 - 91.6% (6579/7186) - c
13 - 13) 323 - 91.2% (6670/7316) - d
14 - 14) 636 - 90.9% (6701/7371) - c
15 - 15) 18 - 90.8% (6721/7401) - f (M)
16 - 16) 1251 - 90.5% (6697/7401) - f (M)
17 - 17) 642 - 90.3% (5585/6184) - f (M)
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1) Transcribe the states of text preserved in the manuscripts.
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3) Tabulate Pre-Genealogical Coherence
4) Edit the local stemmata
Local Stemmata

Local stemmata show the genealogical relationships between variants.

A hypothesis about genealogical relationships between the states of a text as preserved in the manuscripts has to rest upon the genealogical relationships between the variants they exhibit. Therefore a systematic assessment of the genealogy of these variants (displayed as local stemmata) is a necessary requirement for examining the genealogy of textual witnesses.
Local Stemmata of Acts 11:8/12-18

Diagram:

- Act 11:8/12-18
- a1
  - f
    - j
    - g
    - h1
    - d
  - c1
    - e
      - b
      - a2
      - c2
      - h2
Local Stemmata of Acts 11:8/12-18 in tabular form

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### Potential Ancestors of 35

**Data Source:** Cath. Letters (excl. small fragments and extracts)

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Version 1.0
Textual Flow Diagram for Acts 11:8/12-18a
Textual Flow Diagram for Acts 11:8/12-18c
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9) Define an optimal substemma for each witness
Optimal Substemma of 35
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9) Define an optimal substemma for each witness
10) Integrate the substemmata into a global stemma
The over-all view — a stemma?

Traditional stemma of manuscripts (not displaying contamination – one ancestor per descendant)

Stemma of texts (allowing for more than one ancestor per descendant)
The over-all view – a stemma?

traditional stemma of manuscripts
(not displaying contamination – one ancestor per descendant)

stemma of texts
(allowing for multiple ancestors)

617  468  025  1739

35
The iterative process

- Internal criteria
  - Knowledge and preconceptions
  - Pre-genealogical coherence

- Local stemmata of variants
  - Genealogical coherence
  - Better knowledge

- Revision of local stemmata
  - Better knowledge
  - Genealogical coherence
  - Global stemma