# Resolution and accuracy in Congreve & Lamsdell matrices

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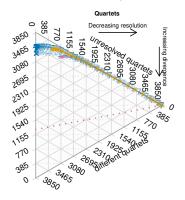
#### 2024-02-23

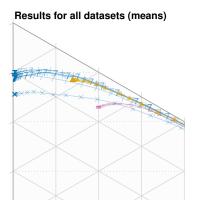
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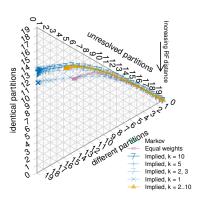
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This page depicts the analytical results of all 100 matrices generated by Congreve & Lamsdell [1] using a ternary plotting approach [2], with quartets and partitions used as distance metrics.

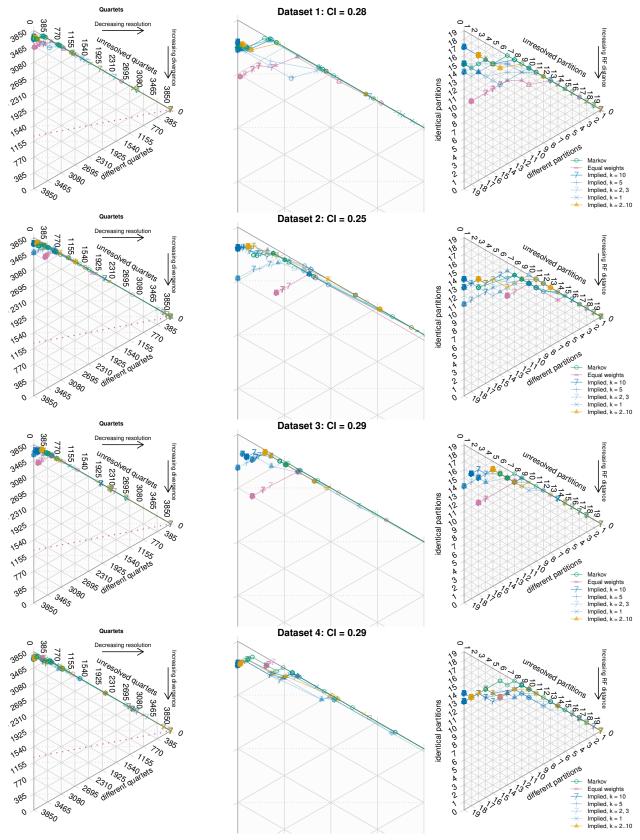
### 0.1 Summary

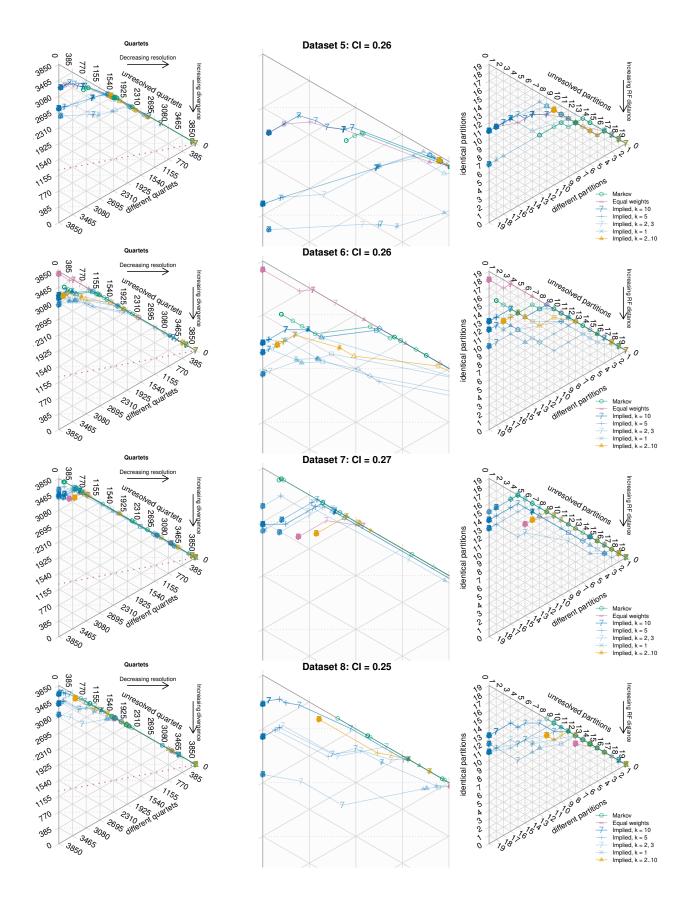


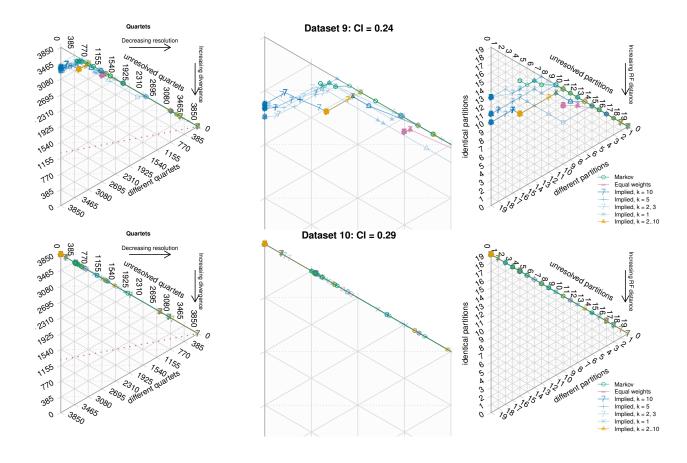




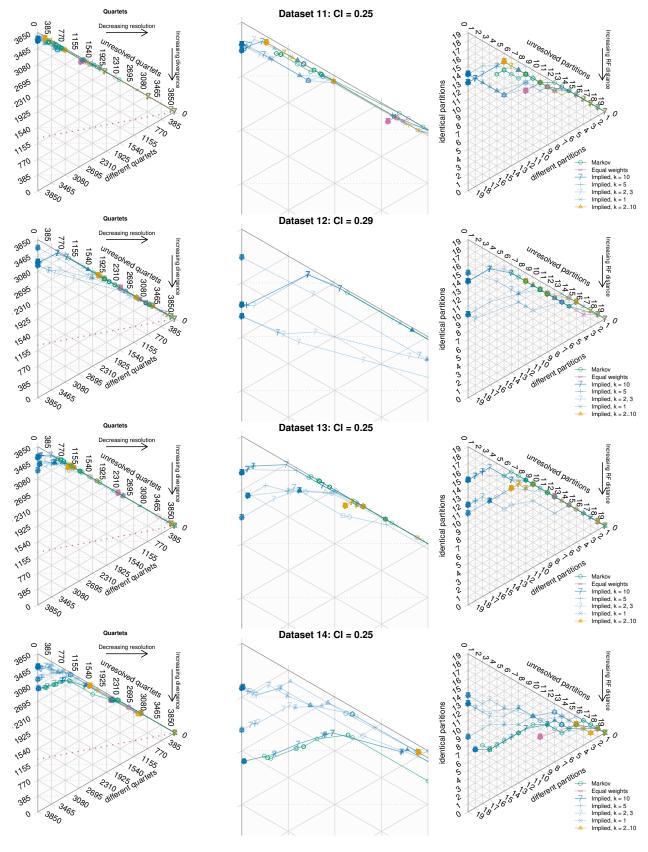


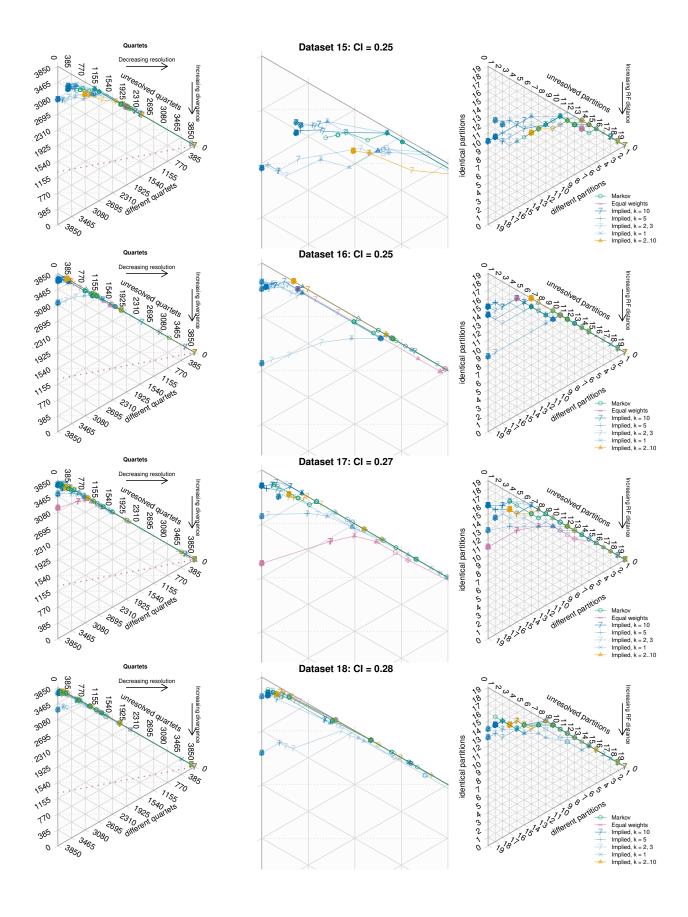


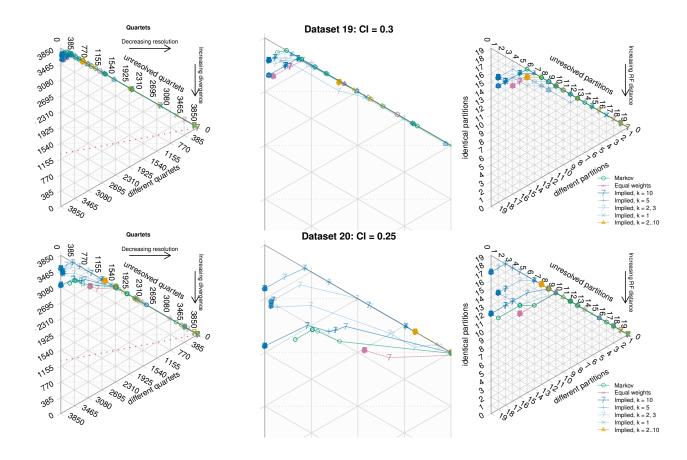




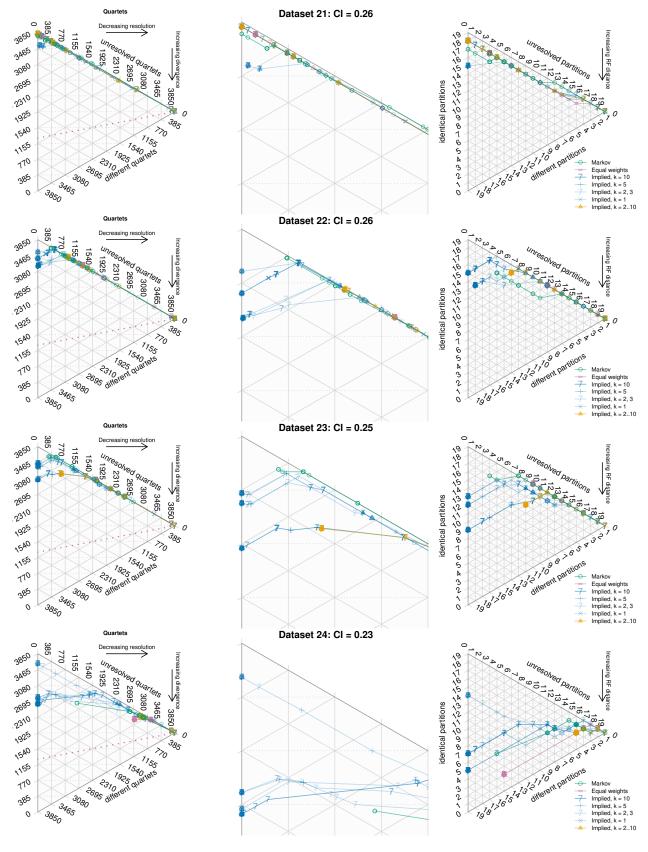


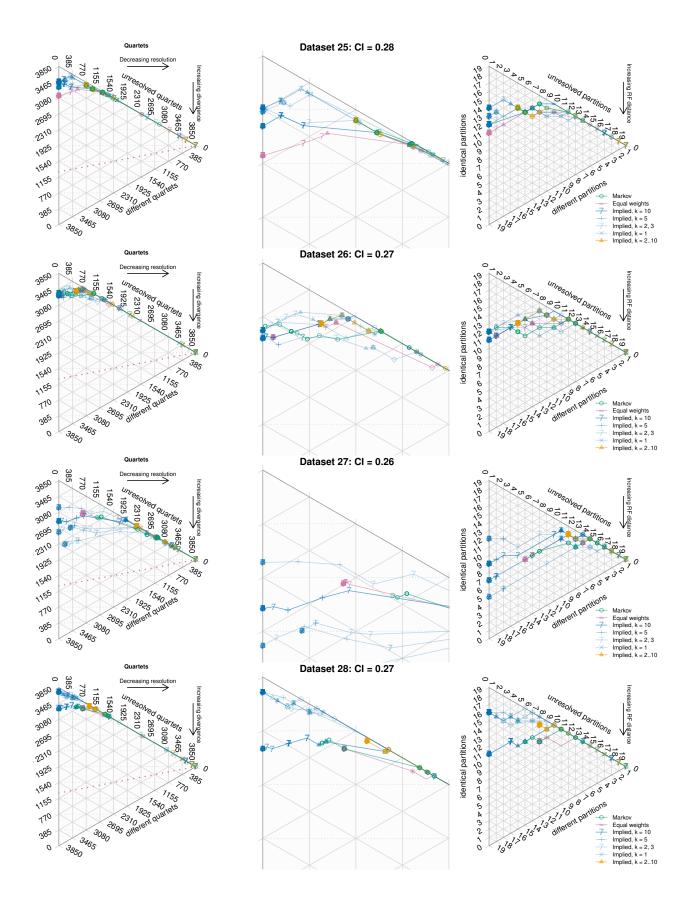


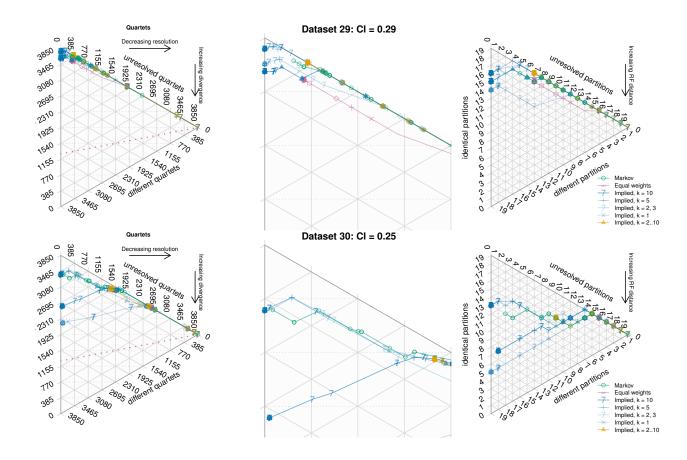


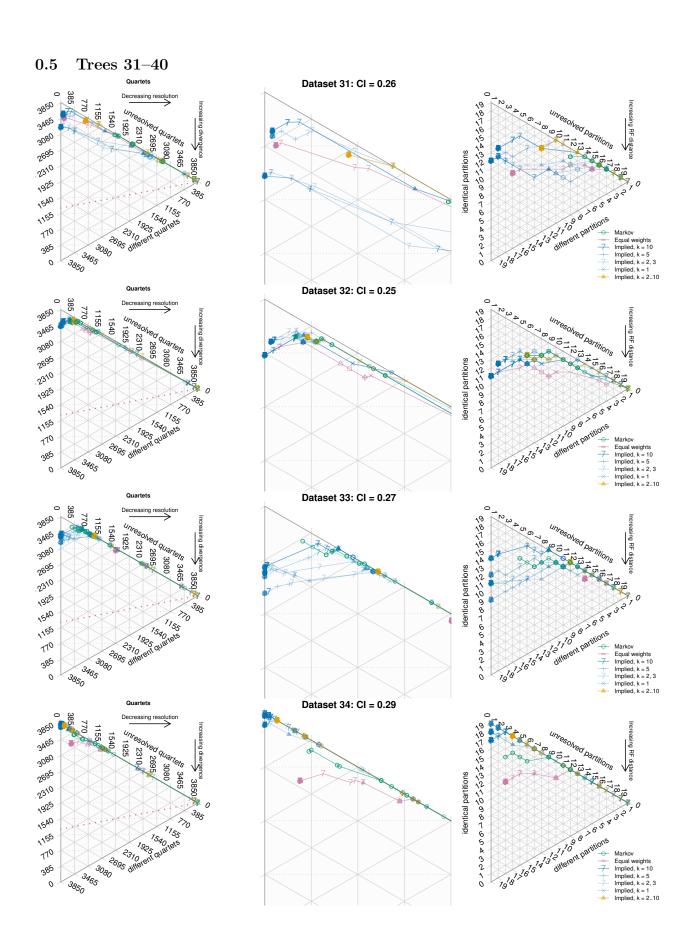


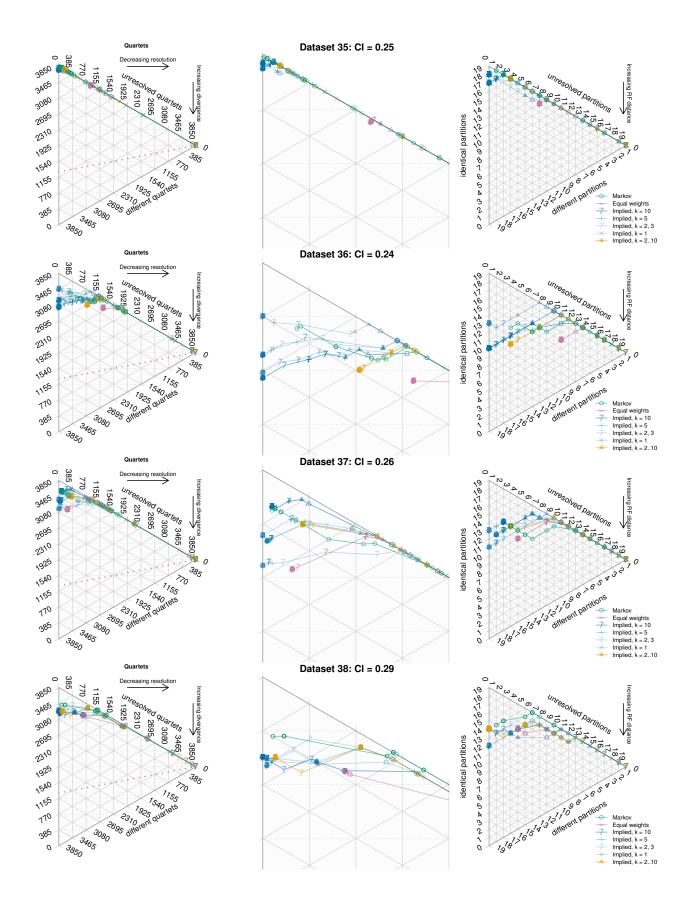


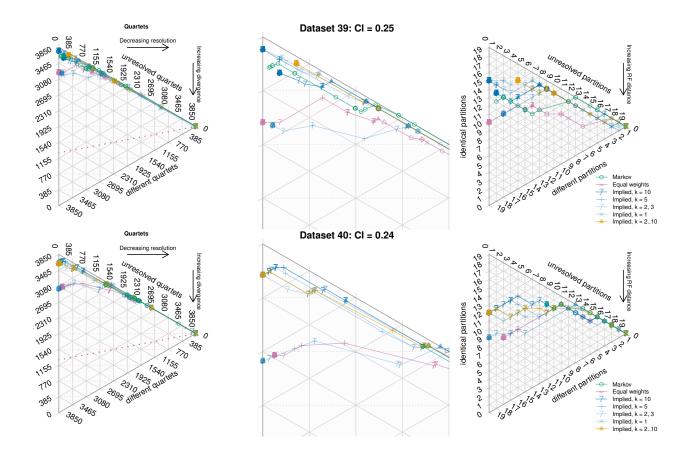


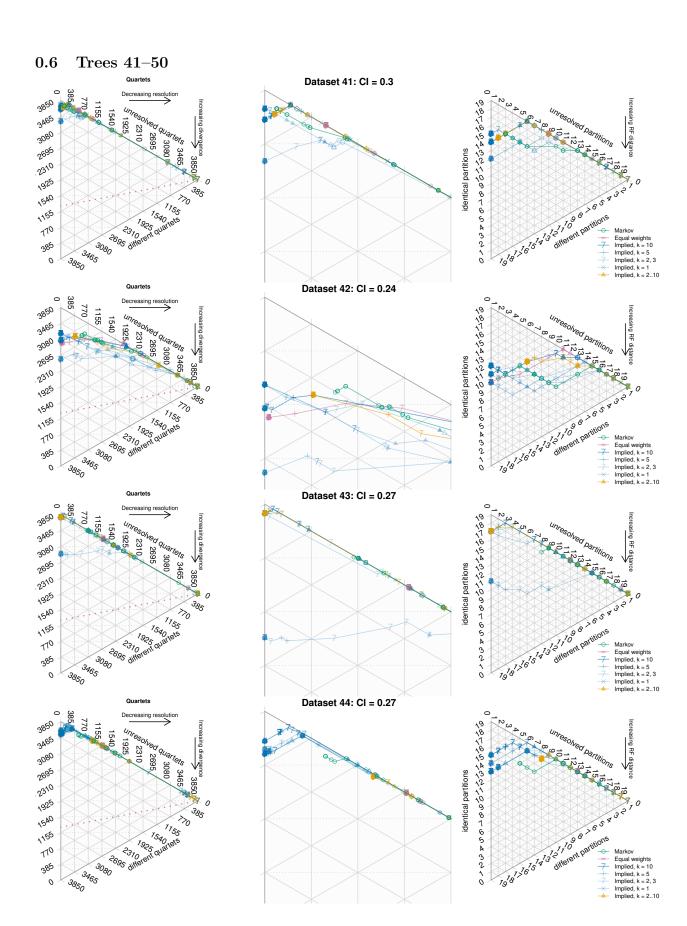


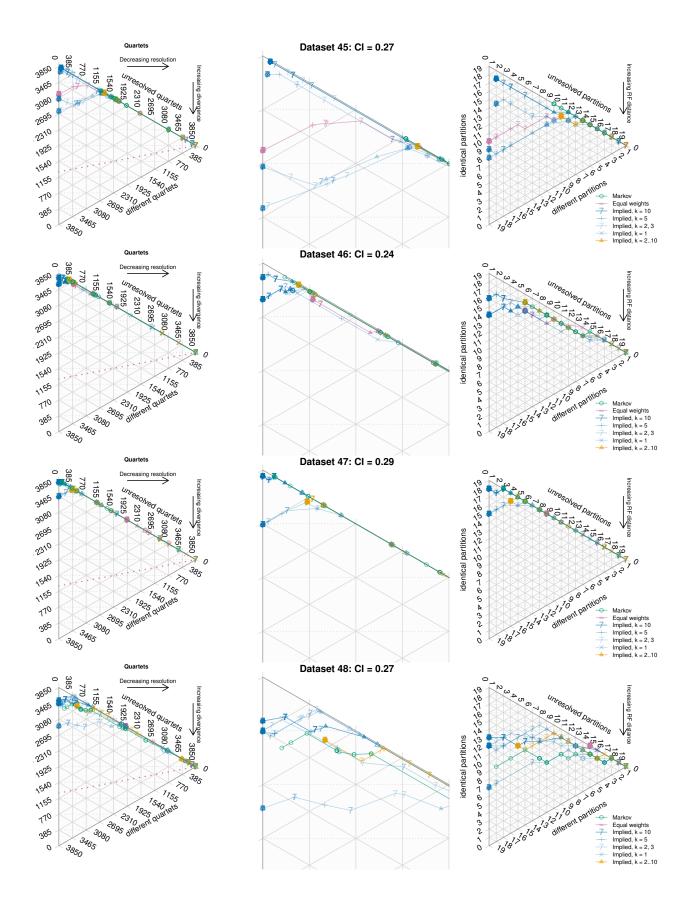


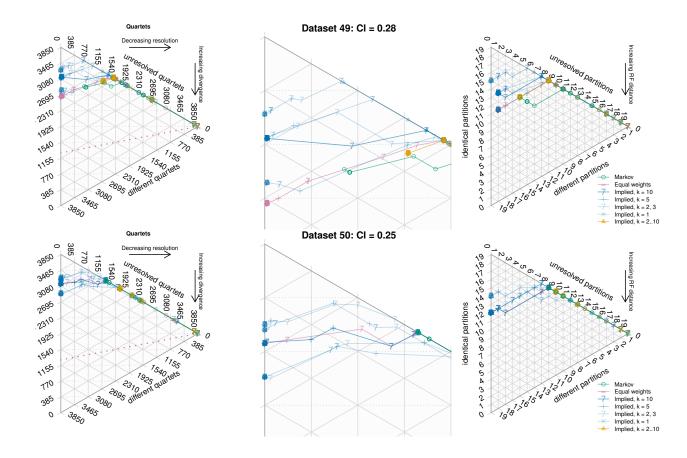




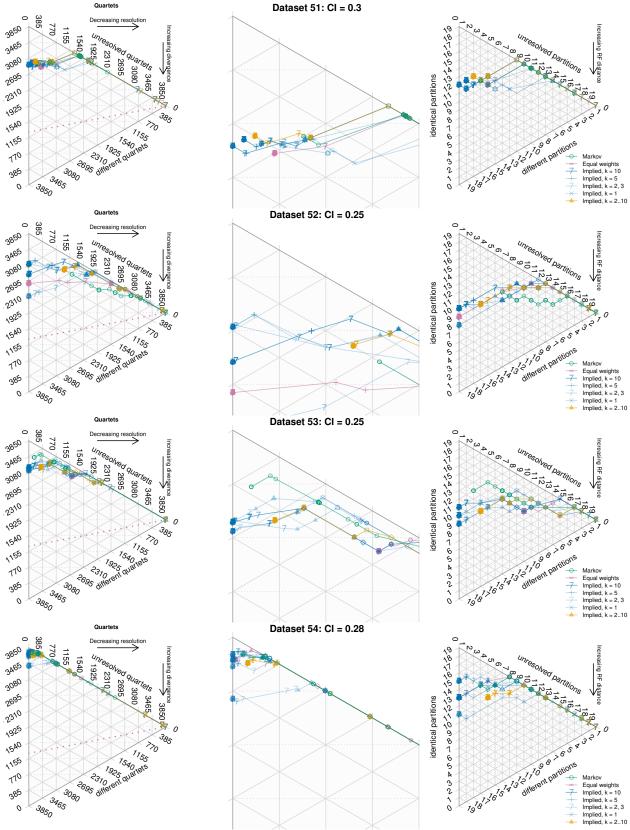


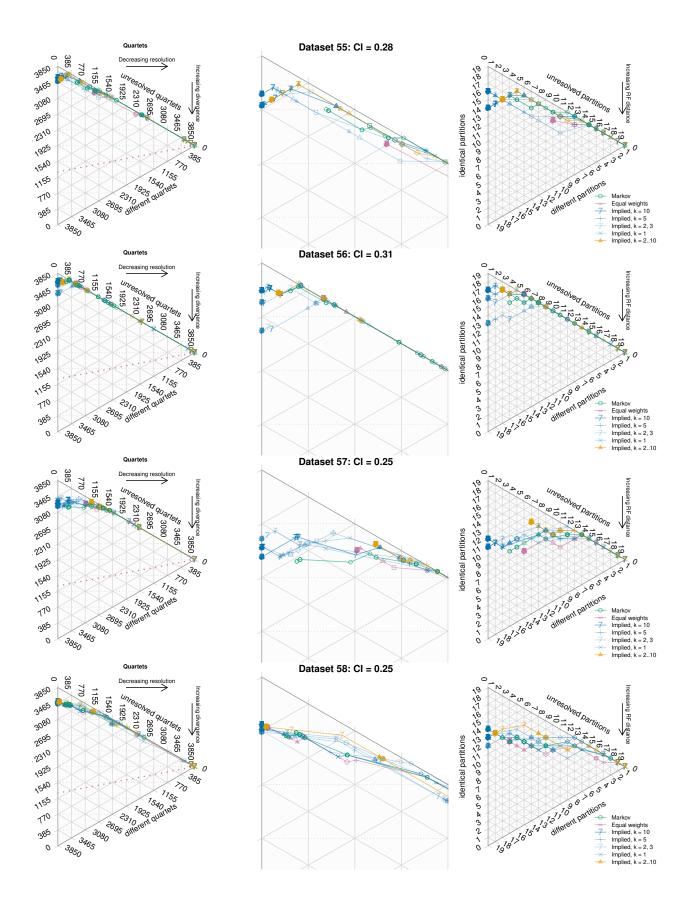


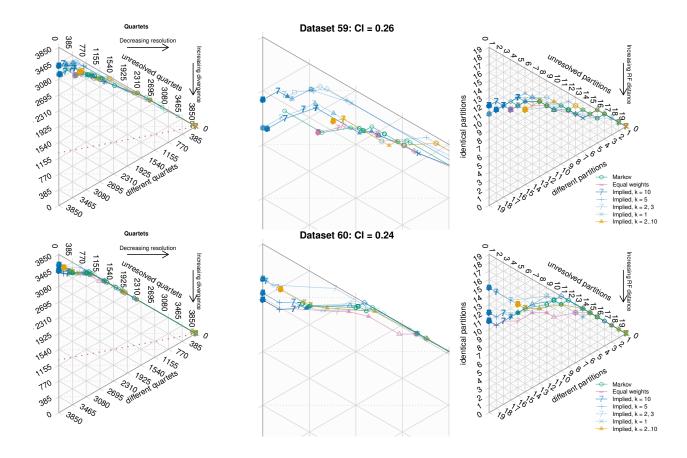


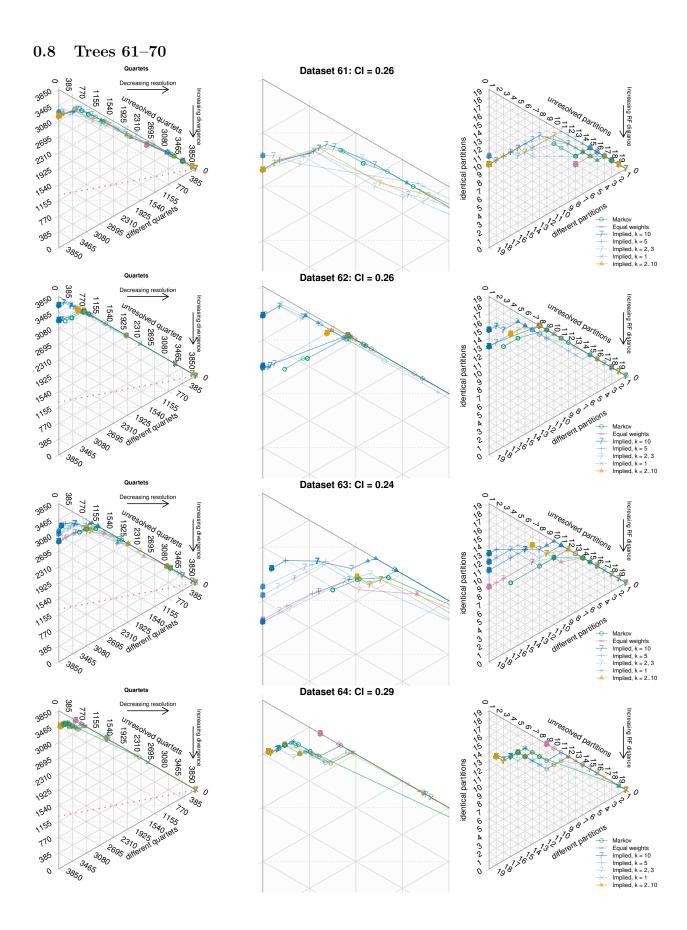


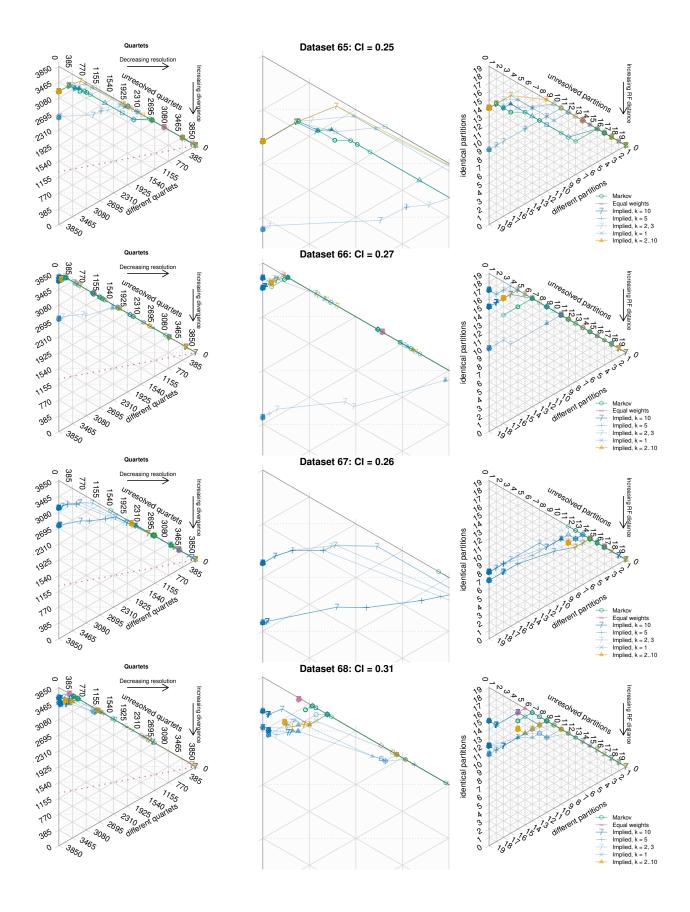


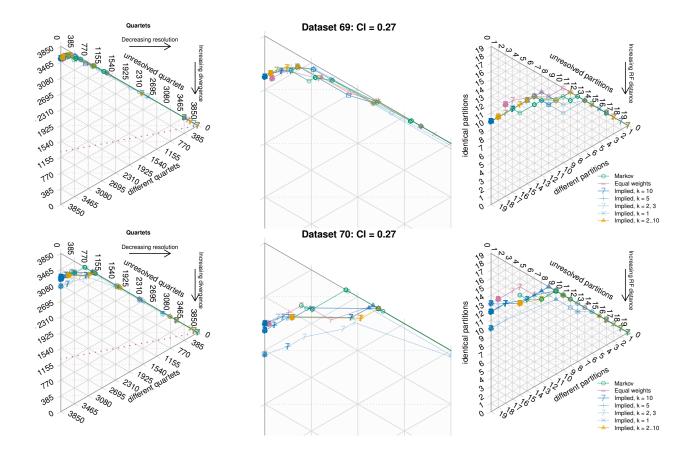


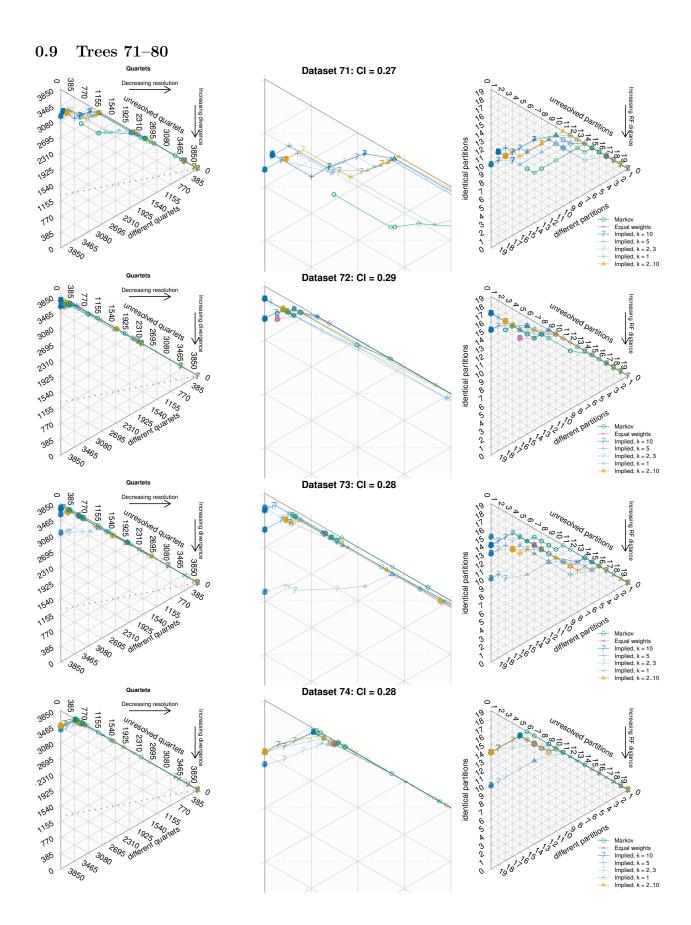


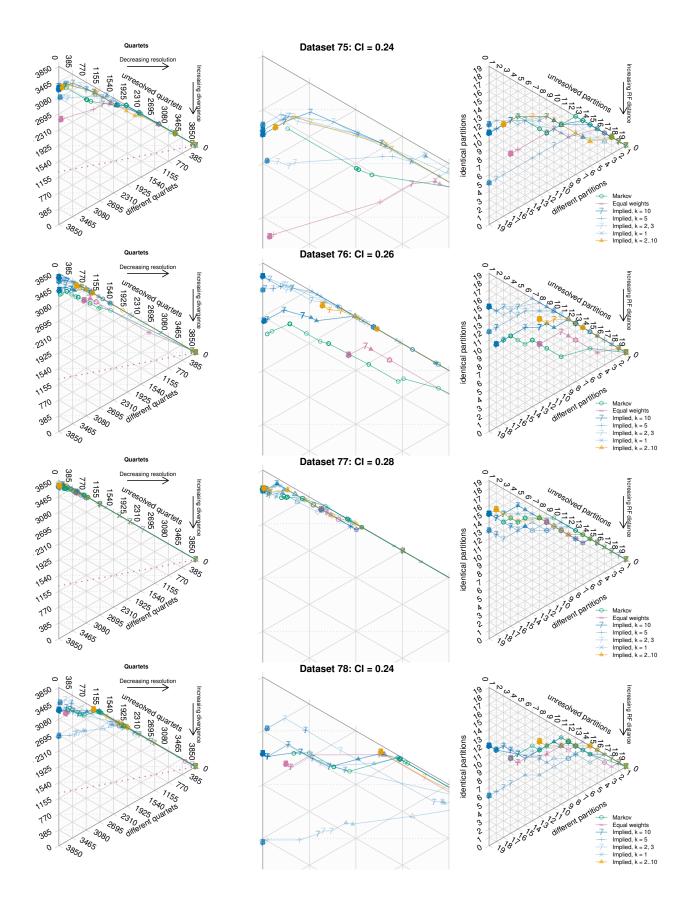


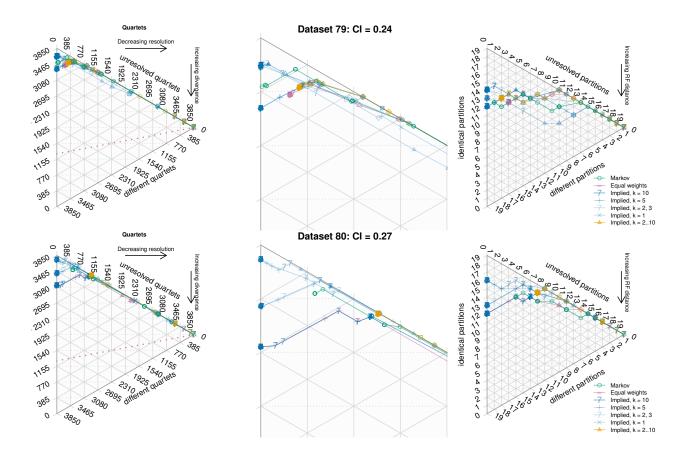




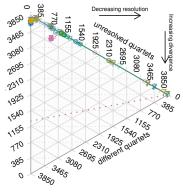


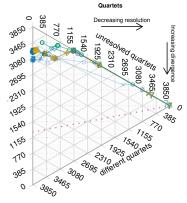


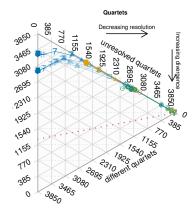


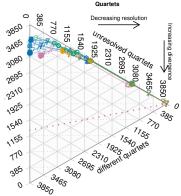


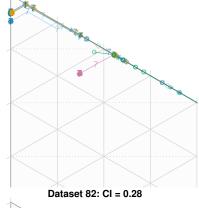




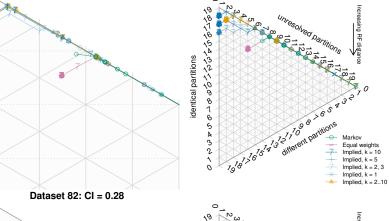


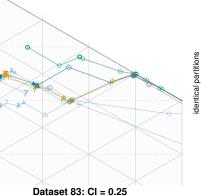


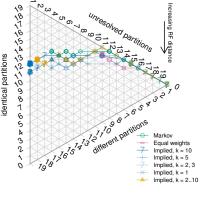


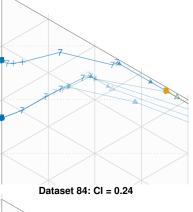


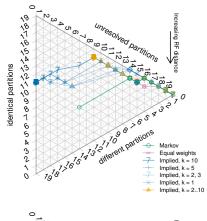
Dataset 81: CI = 0.27



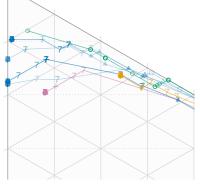


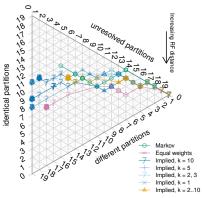


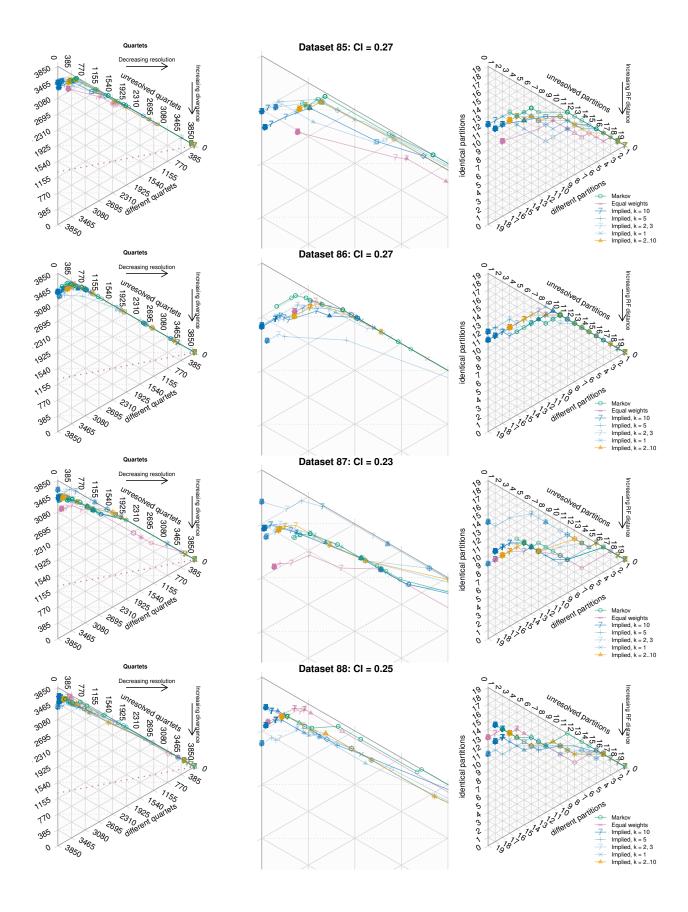


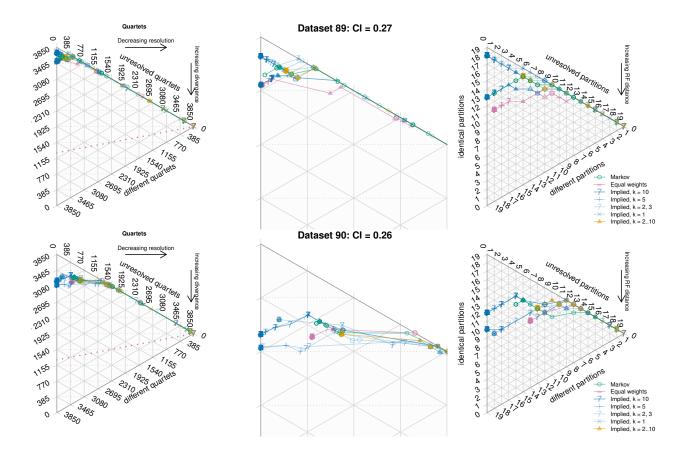




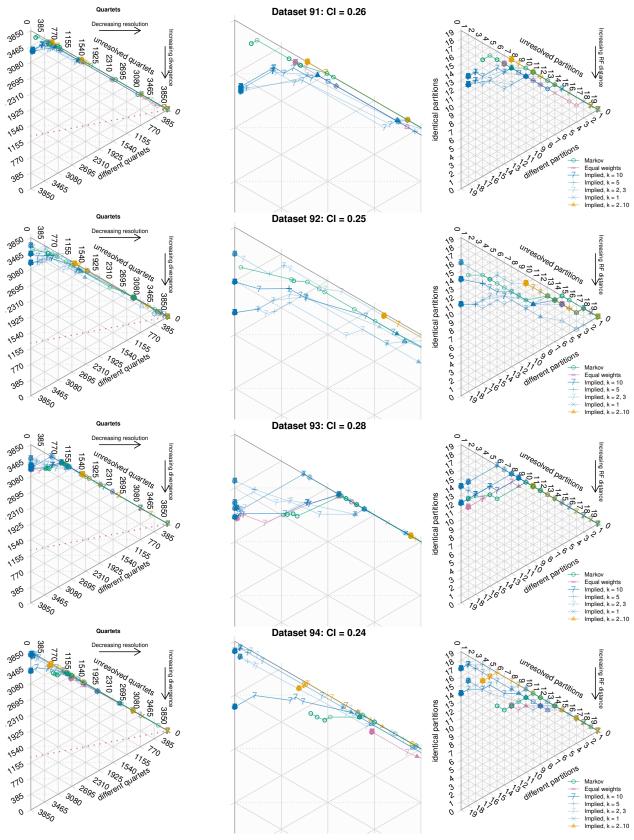


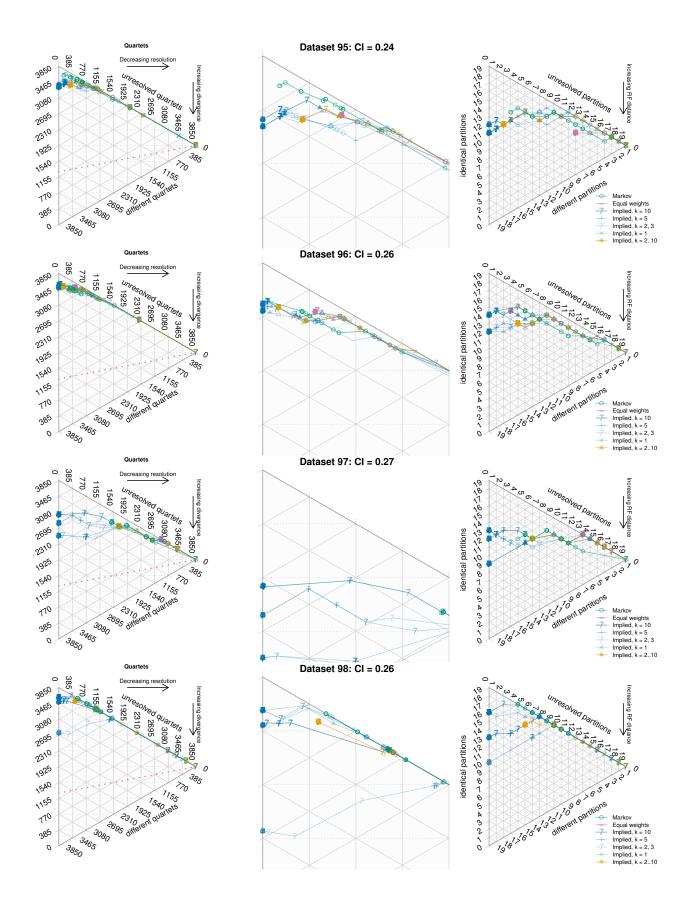


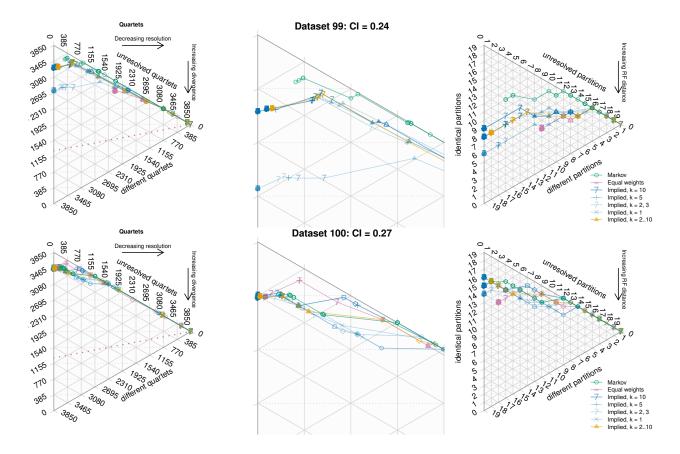












#### References

- 1. Congreve CR, Lamsdell JC. 2016 Implied weighting and its utility in palaeontological datasets: a study using modelled phylogenetic matrices. Palaeontology **59**, 447–465. (doi:10.1111/pala.12236)
- 2. Smith MR. 2019 Bayesian and parsimony approaches reconstruct informative trees from simulated morphological datasets. *Biology Letters* **15**, 20180632. (doi:10.1098/rsbl.2018.0632)