Node support efficacy in Congreve & Lamsdell matrices

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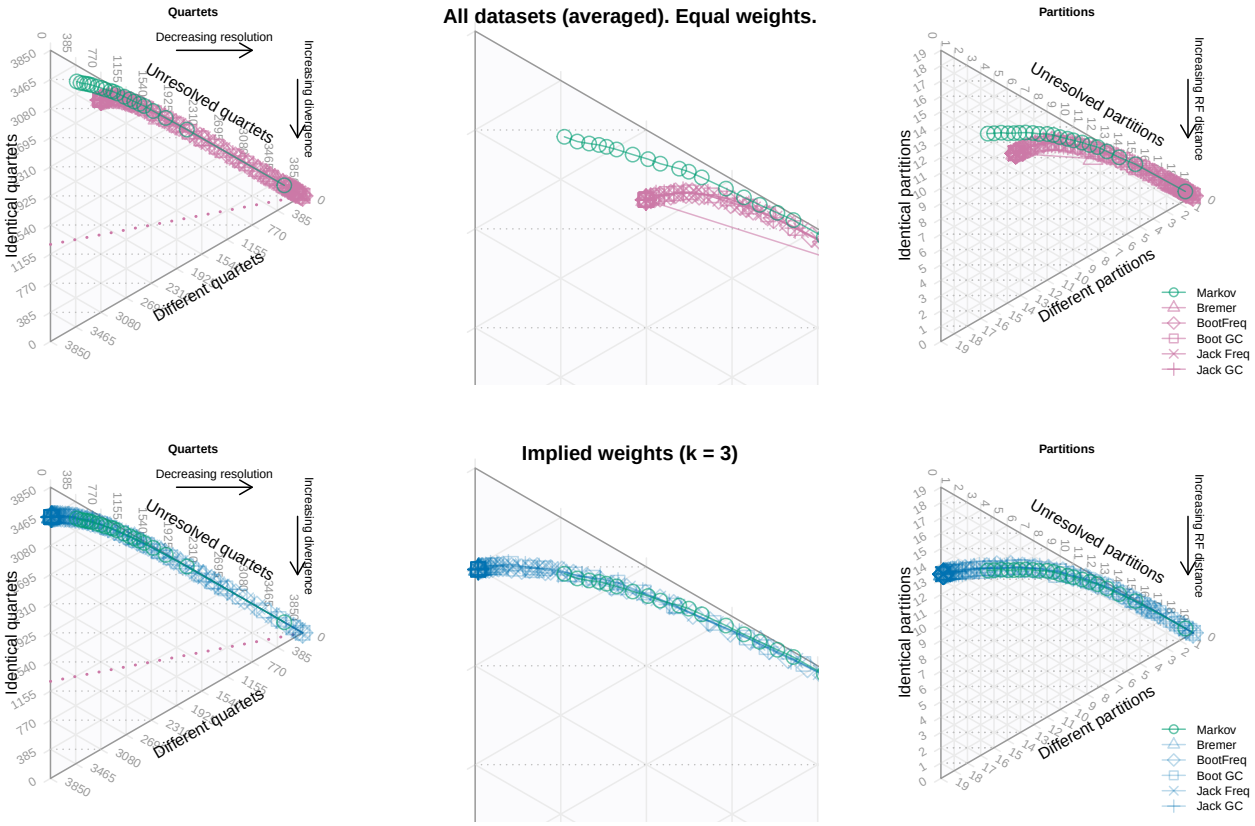
This page depicts the analytical results of all 100 matrices generated by Congreve & Lamsdell [1] using a ternary plotting approach [2], with quartets and partitions used as distance metrics.

The most highly resolved tree is progressively reduced by collapsing nodes with a support value below an increasing threshold.

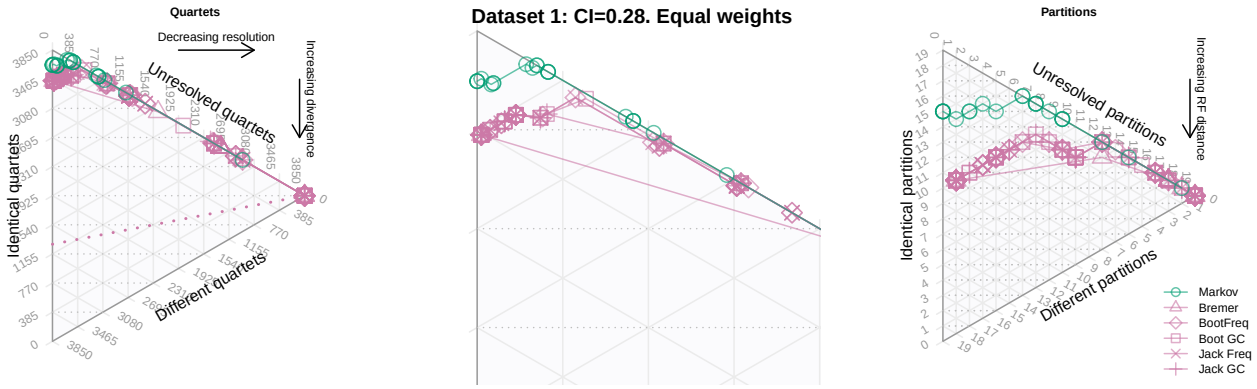
0.1 Summary

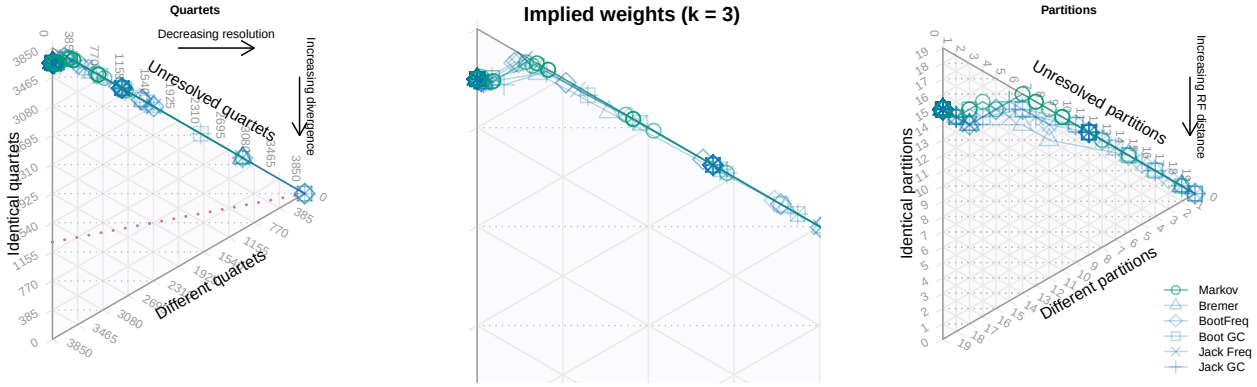


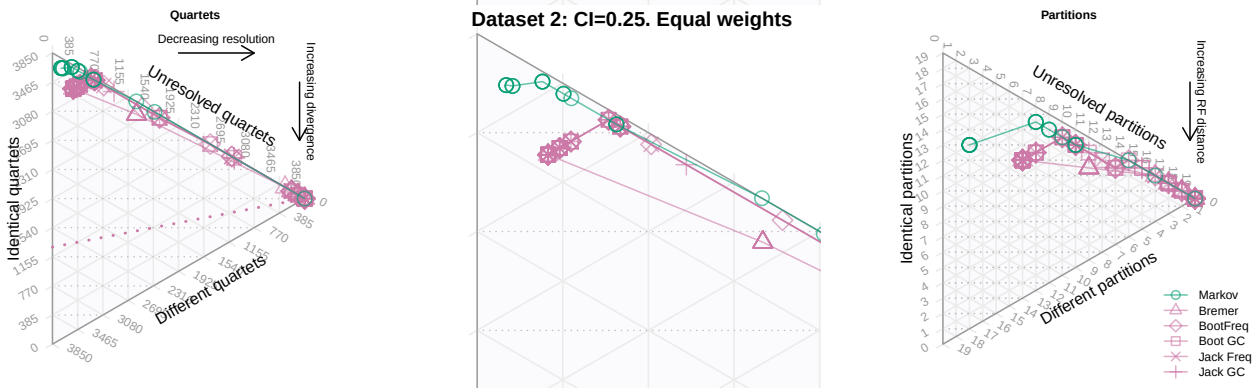
Though the Bootstrap GC metric systematically produces the lowest normalized tree distances (SD/MaxI), it is not significantly better than other methods. The following table reports P values that fail to reject the null hypothesis that the specified node support metric is equally good at ascribing incorrect nodes the lowest support values.

	eq	k1	k2	k3	k5	kX	kC
Bootstrap GC	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
Bootstrap Freq	0.9840650	0.9915189	0.9934145	0.9760370	0.9485781	0.9615921	0.9720185
Jackknife GC	0.9888177	0.9995312	0.9331647	0.9599348	0.9637166	0.9268107	0.9743023
Jackknife Freq	0.9942934	0.9554285	0.9509308	0.9839102	0.8639063	0.9408796	0.9723566
Bremer	0.4347916	0.3324499	0.5075762	0.4474386	0.3405988	0.2397081	0.8365157

0.2 Trees 1–10


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 1: CI=0.28. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
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Identical quartets
Different quartets
Dataset 2: CI=0.25. Equal weights
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Increasing RF distance
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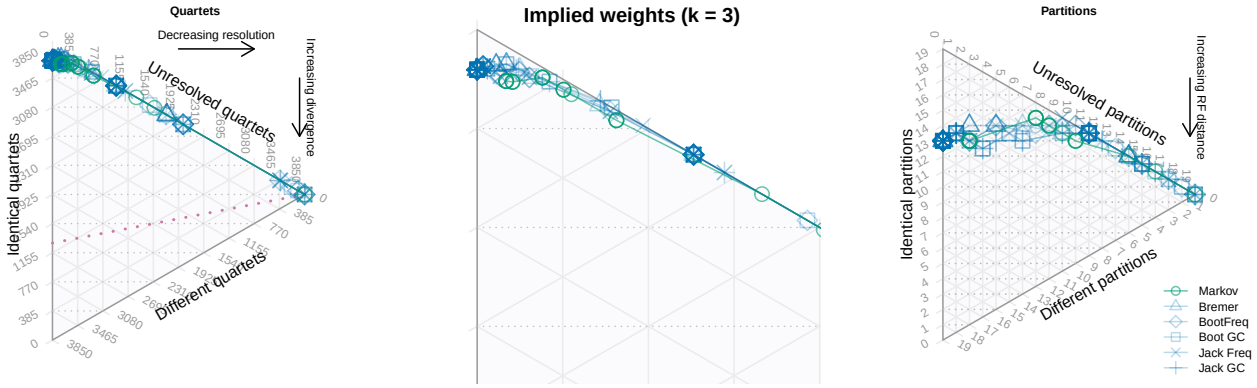
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Unresolved quartets
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Implied weights (k = 3)
Partitions
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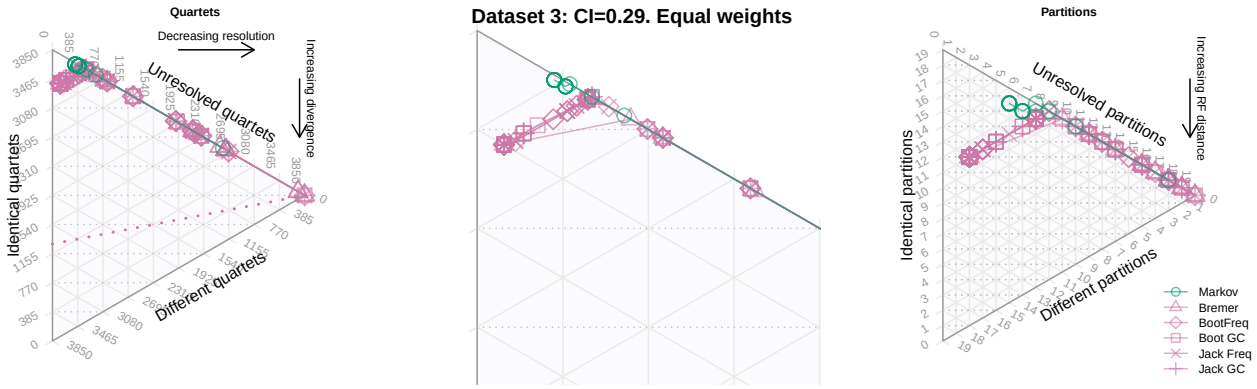
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
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Different quartets
Dataset 3: CI=0.29. Equal weights
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Unresolved partitions
Increasing RF distance
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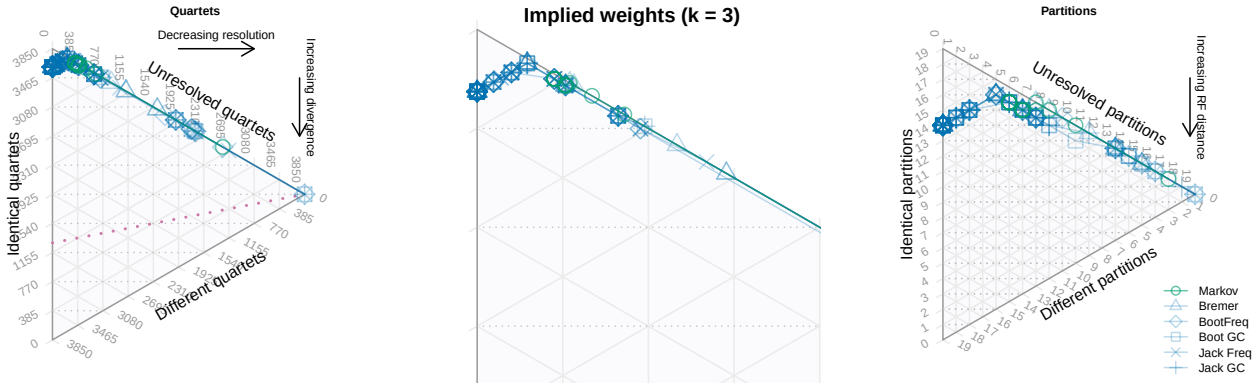
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Implied weights (k = 3)
Partitions
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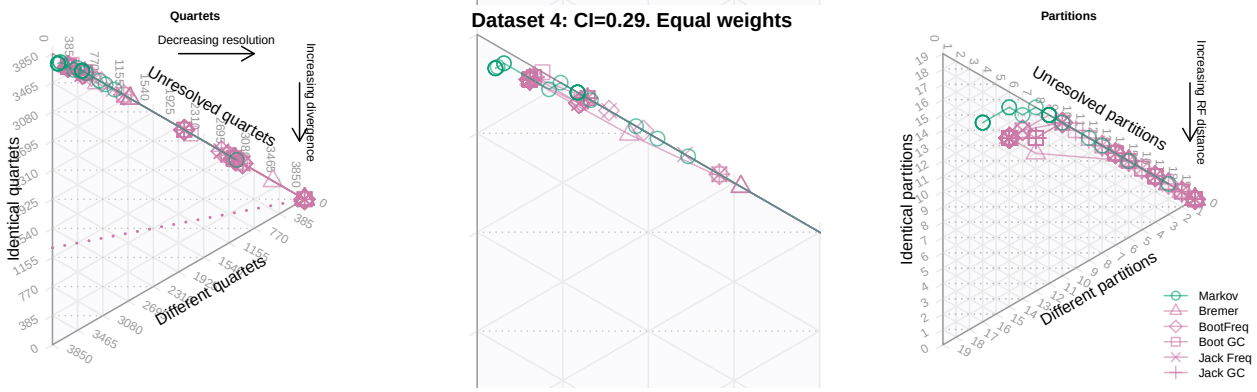
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Identical quartets
Different quartets
Dataset 4: CI=0.29. Equal weights
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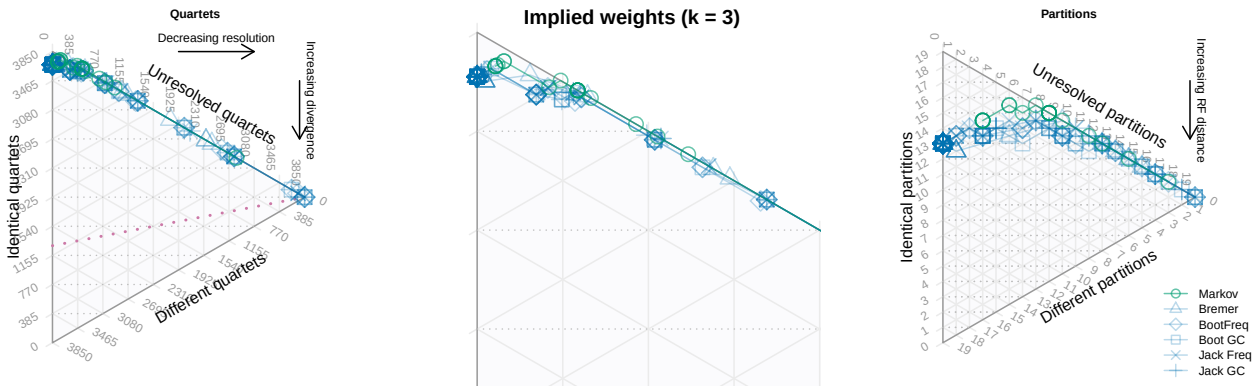
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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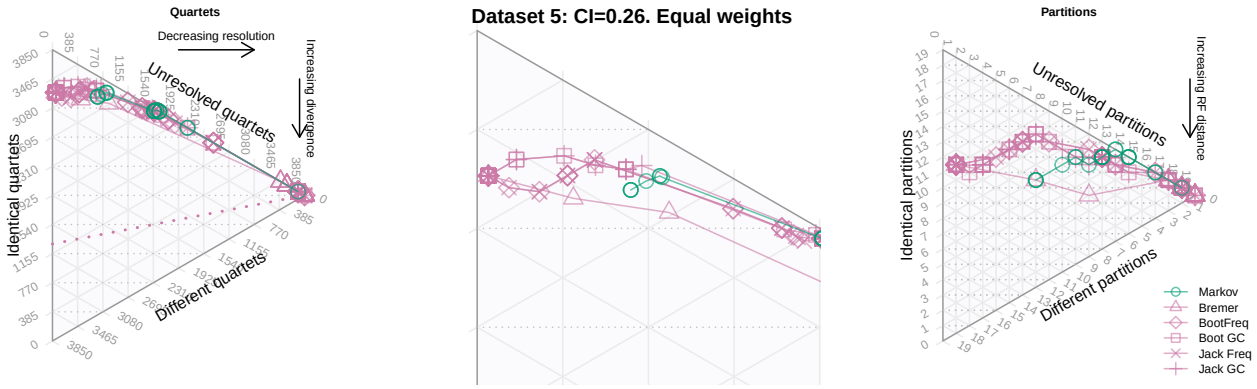
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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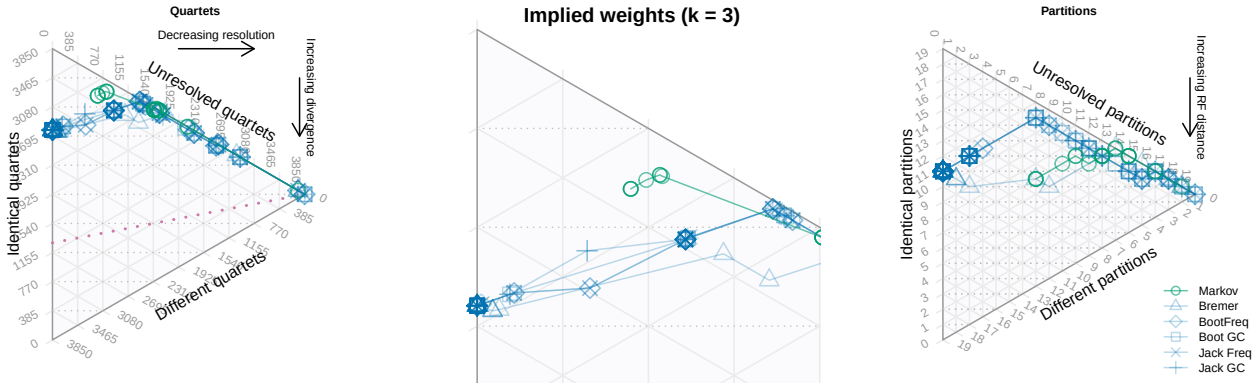
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 5: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
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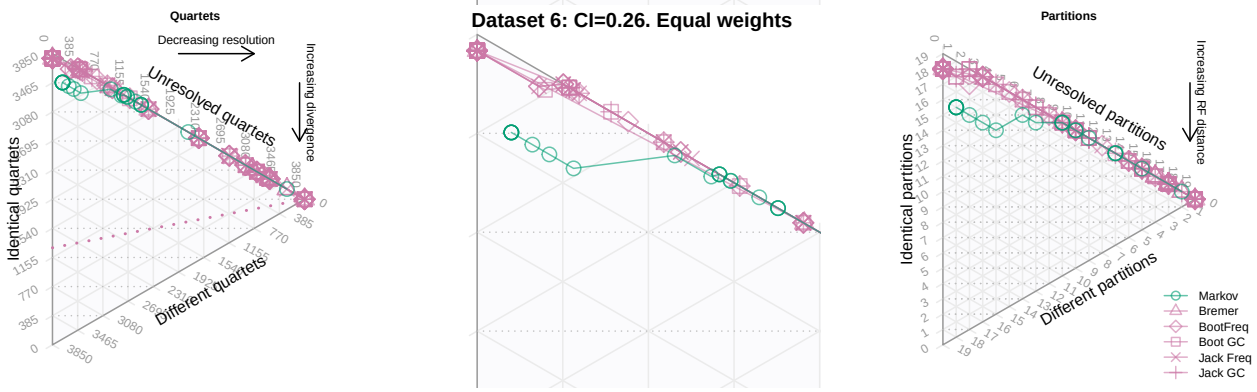
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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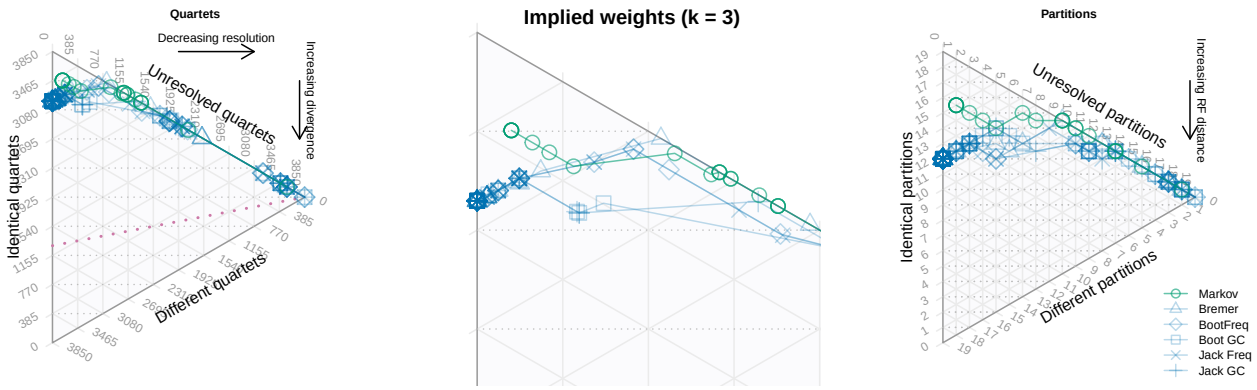
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 6: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
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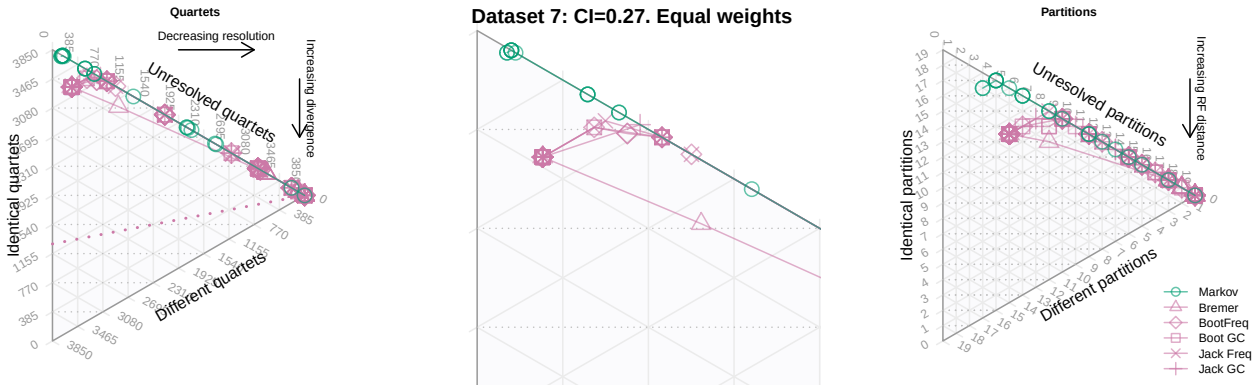
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
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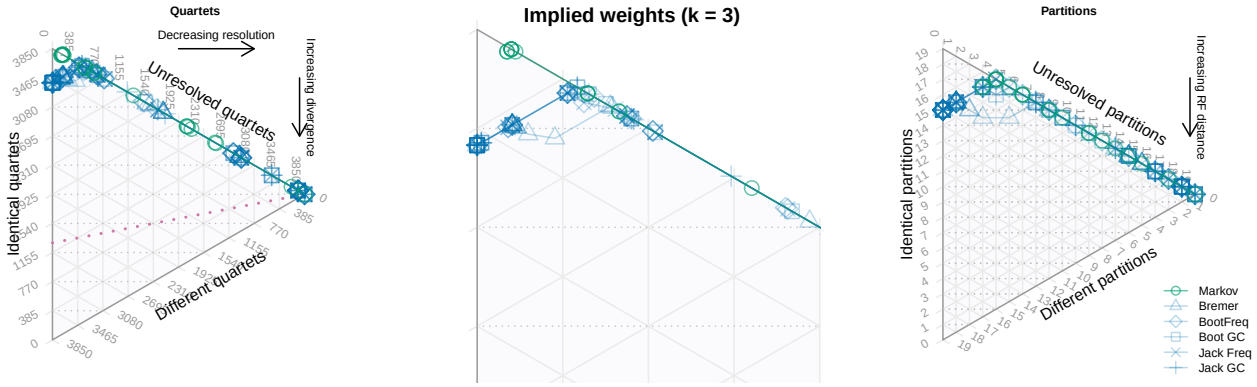
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 7: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
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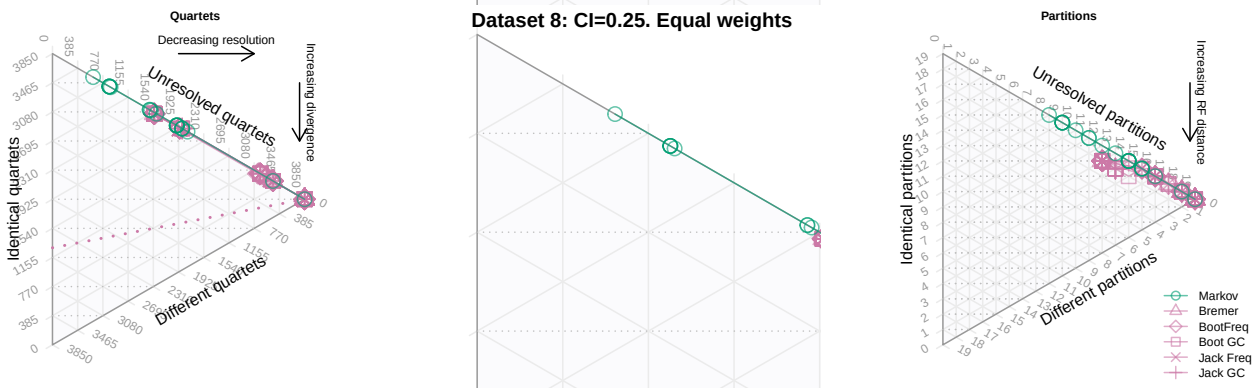
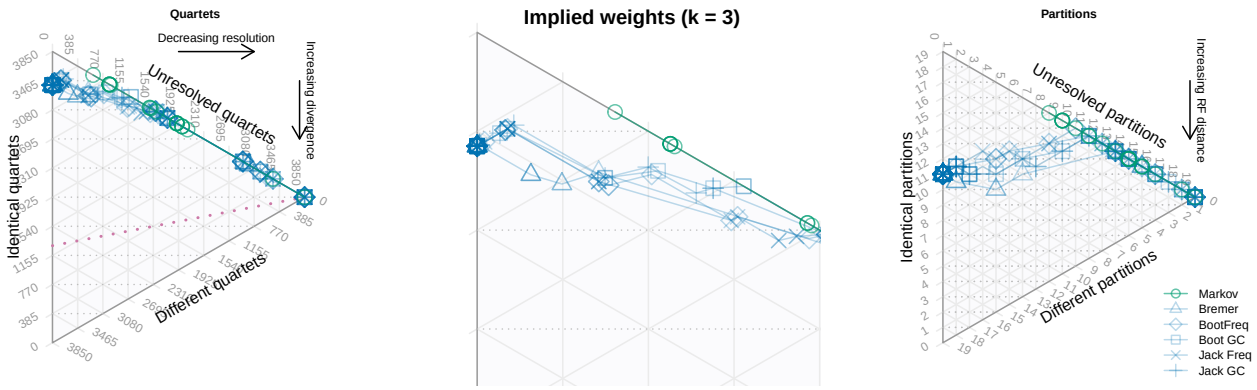
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 8: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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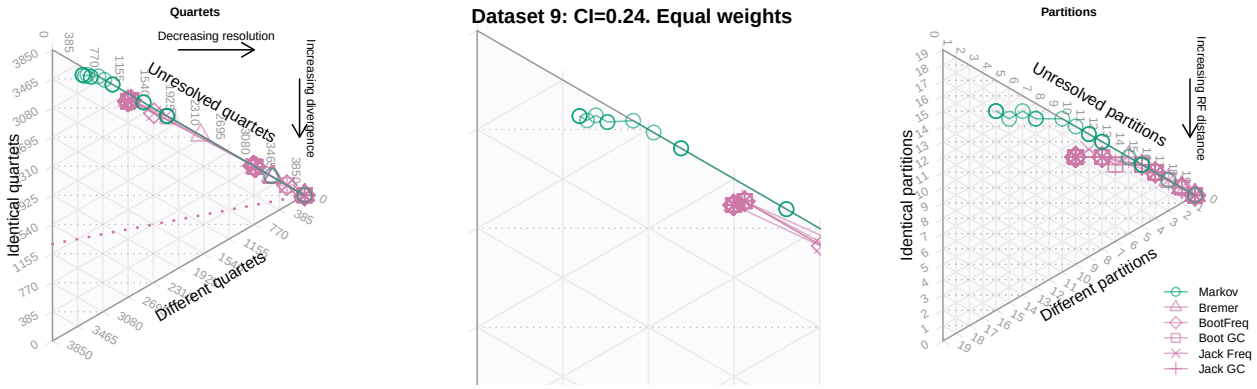
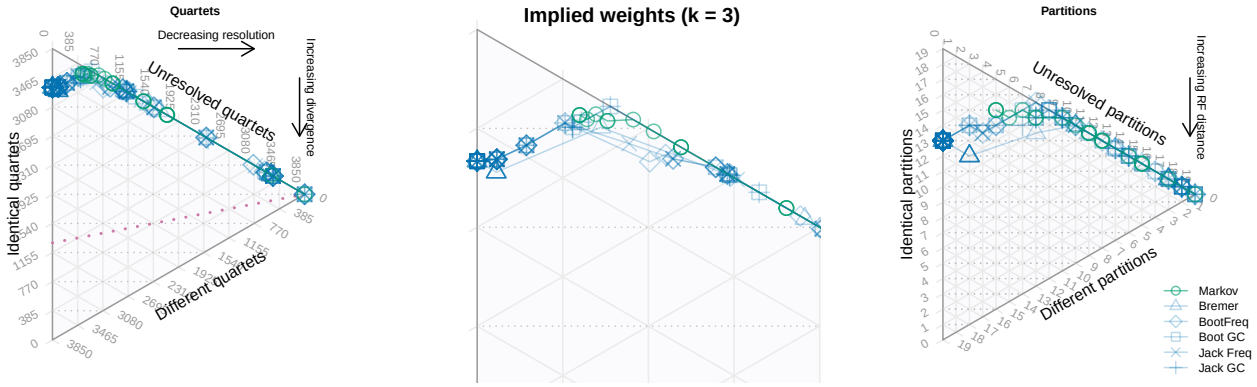
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 9: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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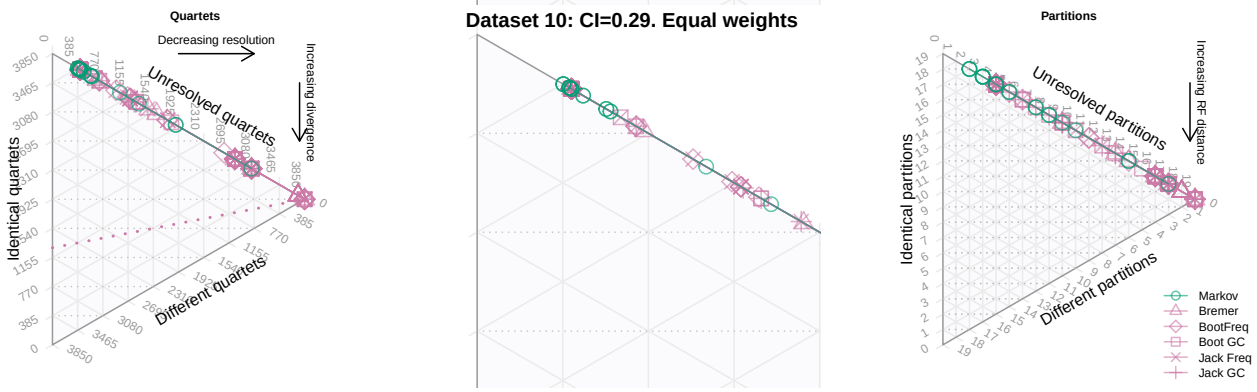
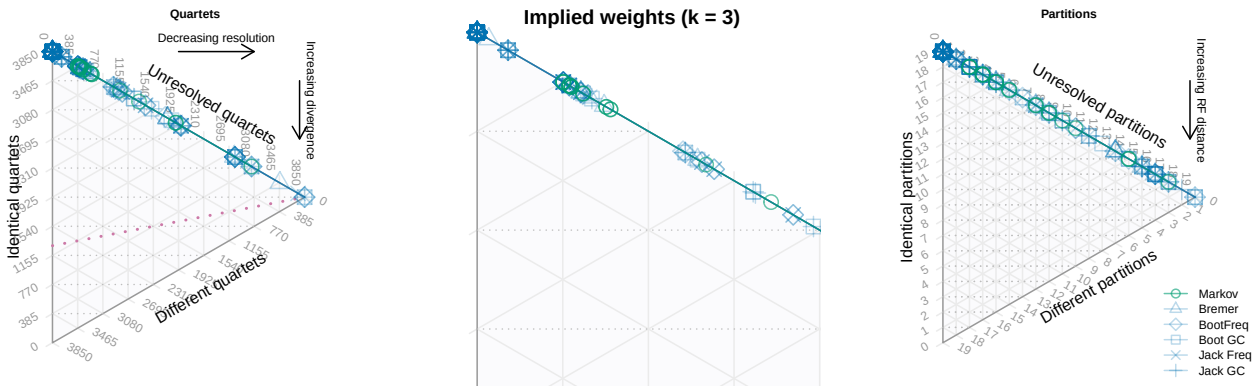
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 10: CI=0.29. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
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Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
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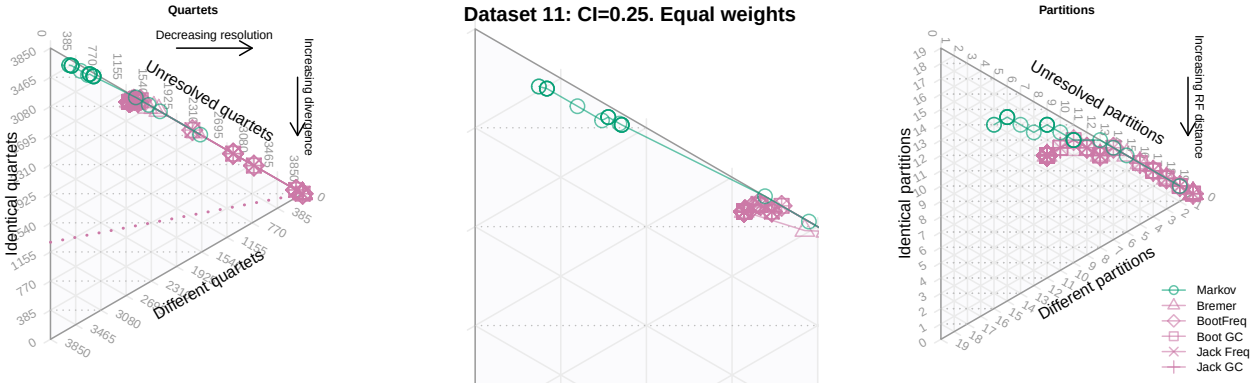
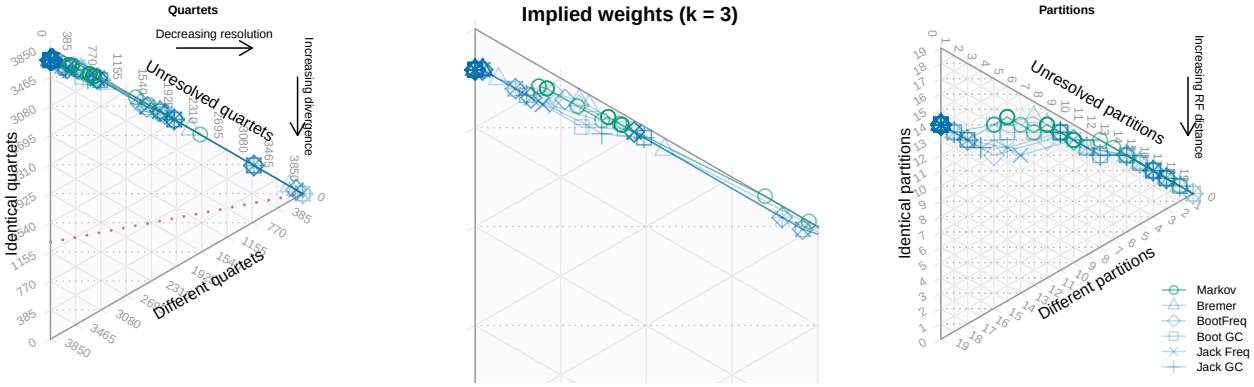
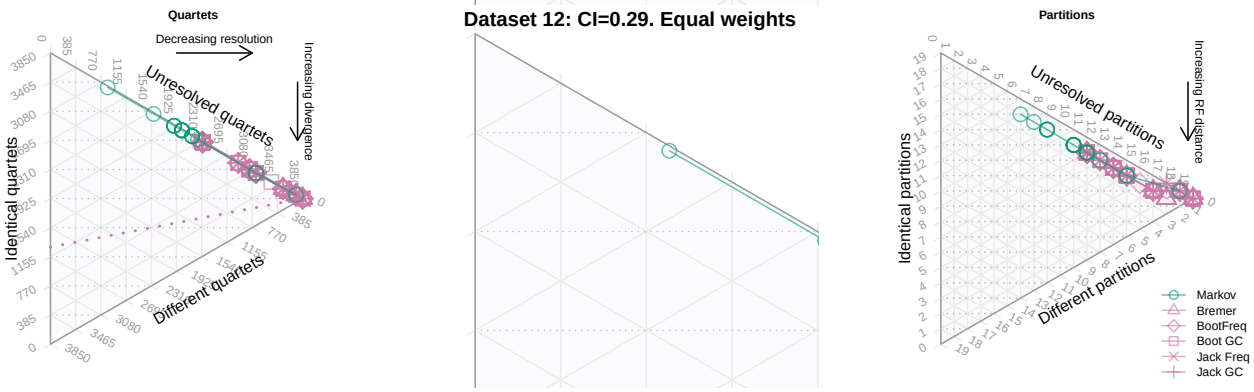
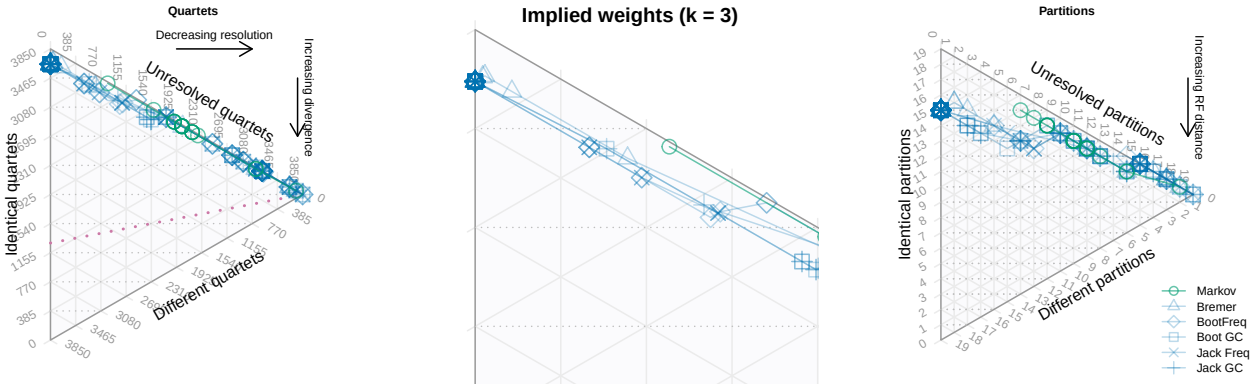
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

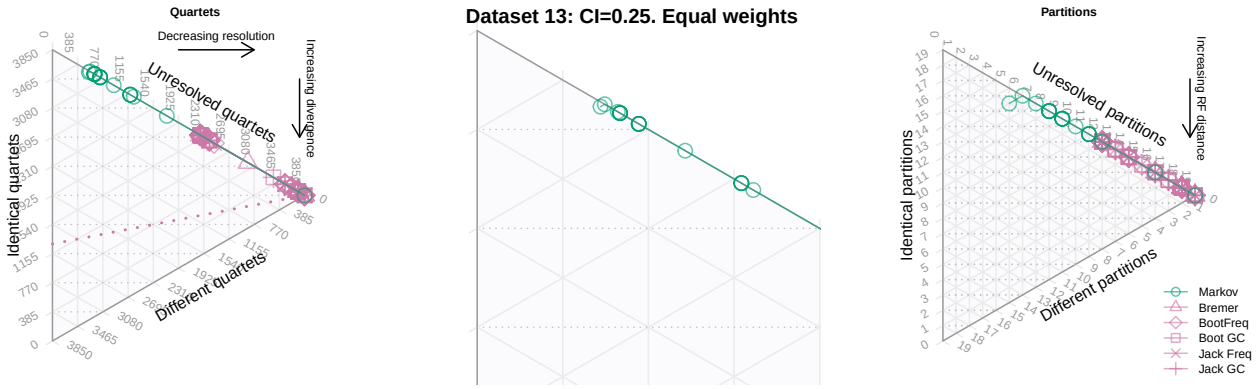
0.3 Trees 11–20







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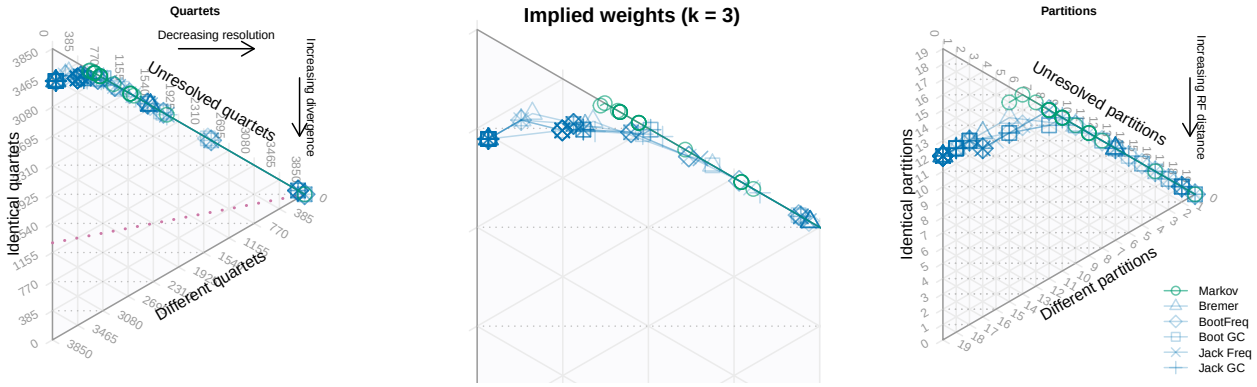
Identical quartets
Different quartets
Dataset 13: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
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Increasing divergence
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Different quartets
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Partitions
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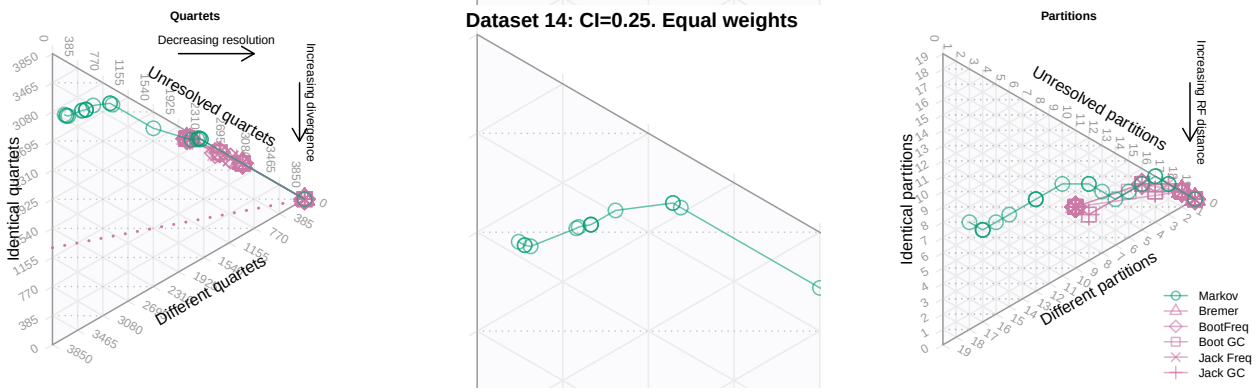
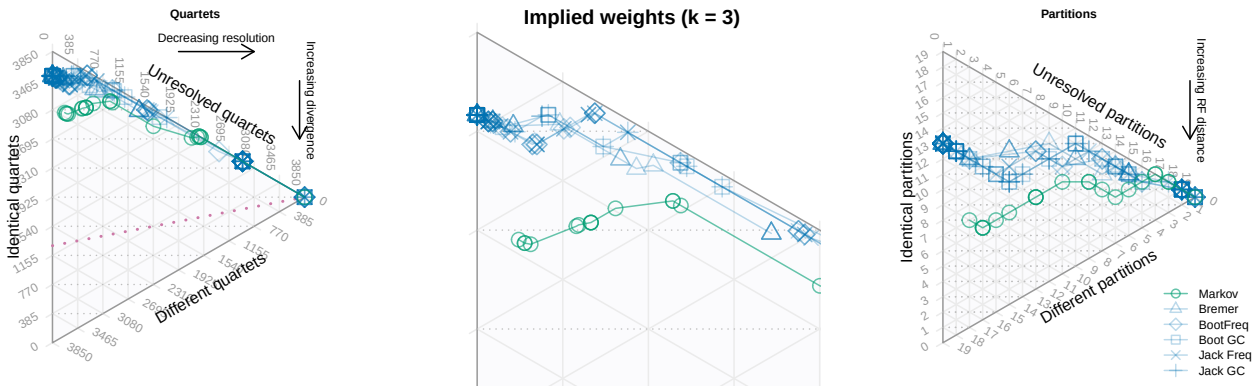
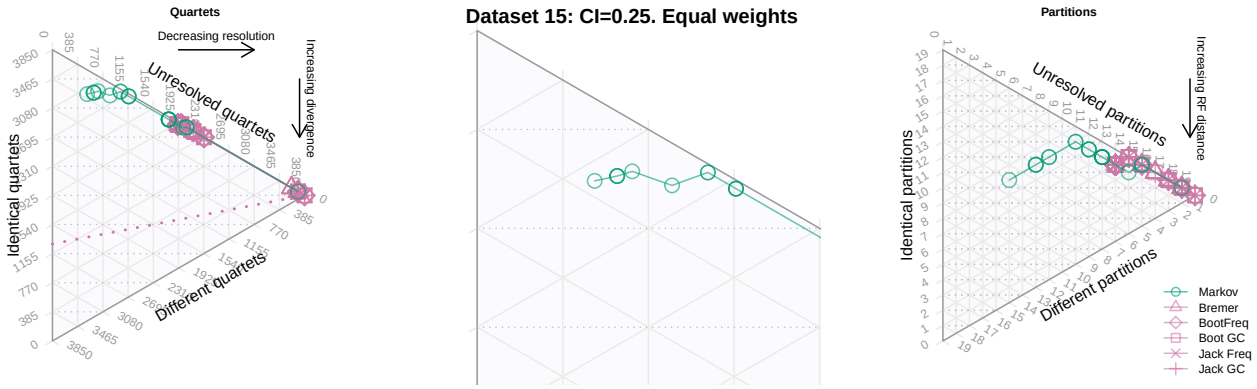
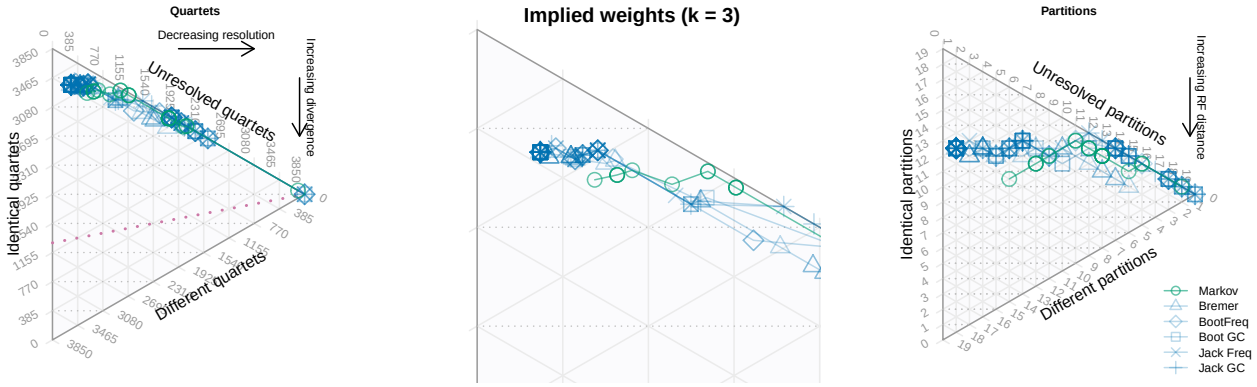
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 14: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 15: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
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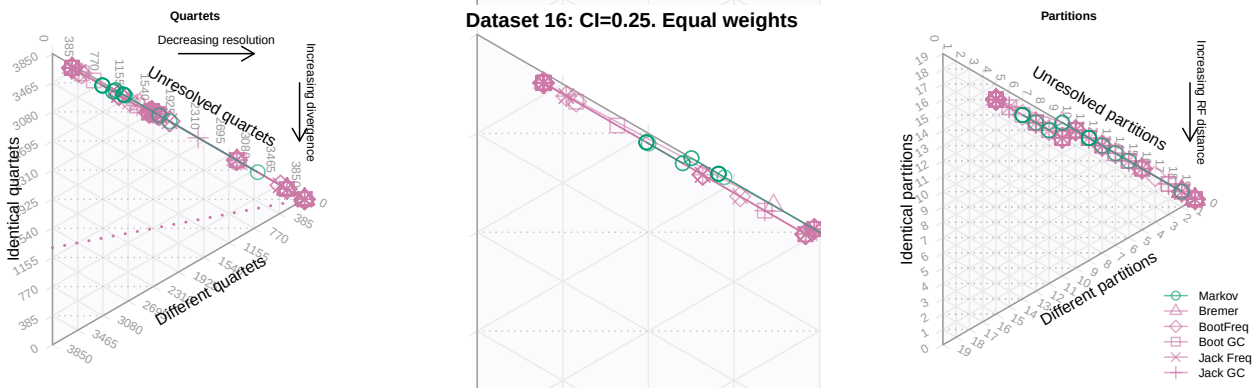
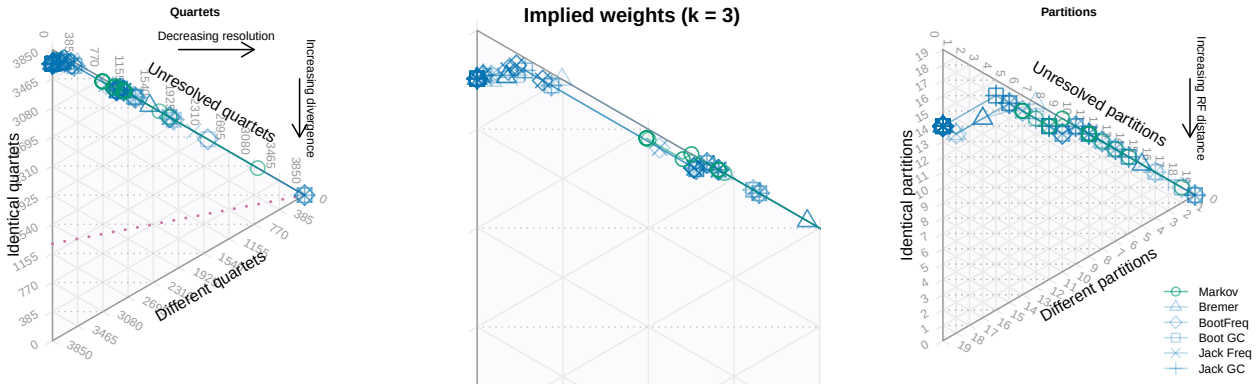
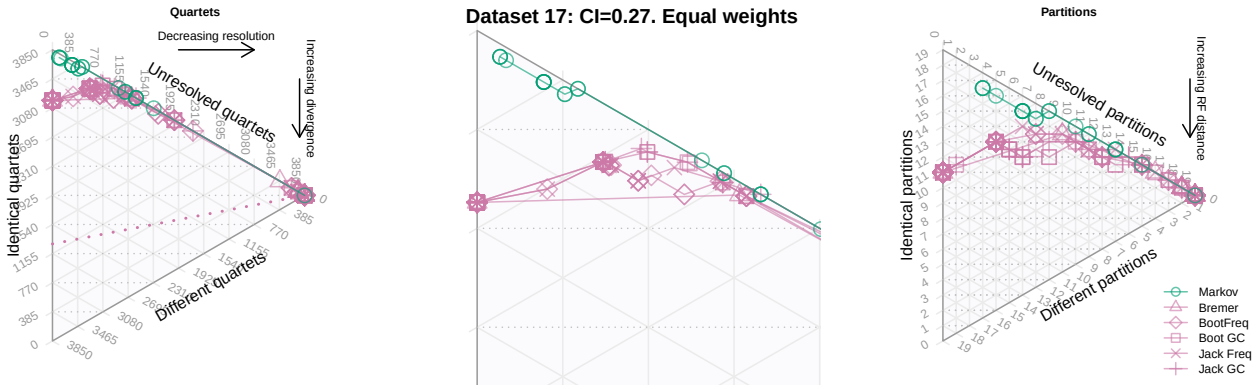
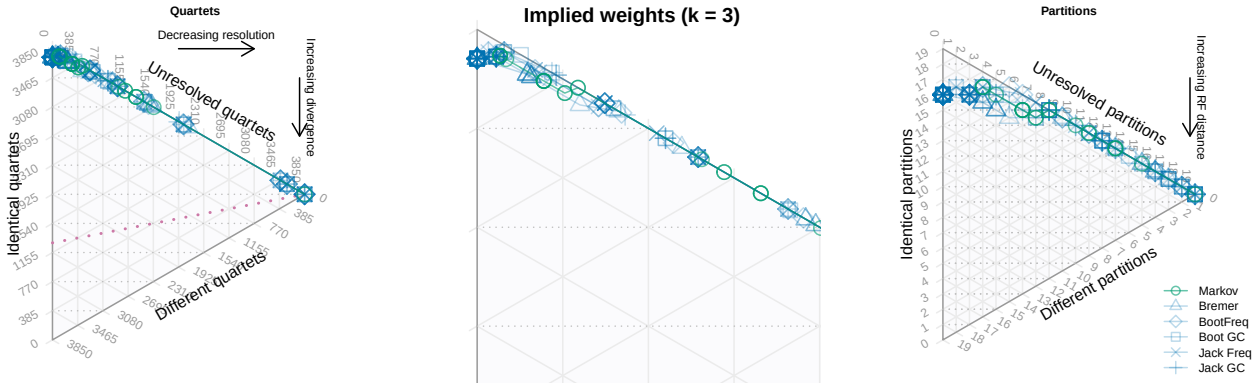
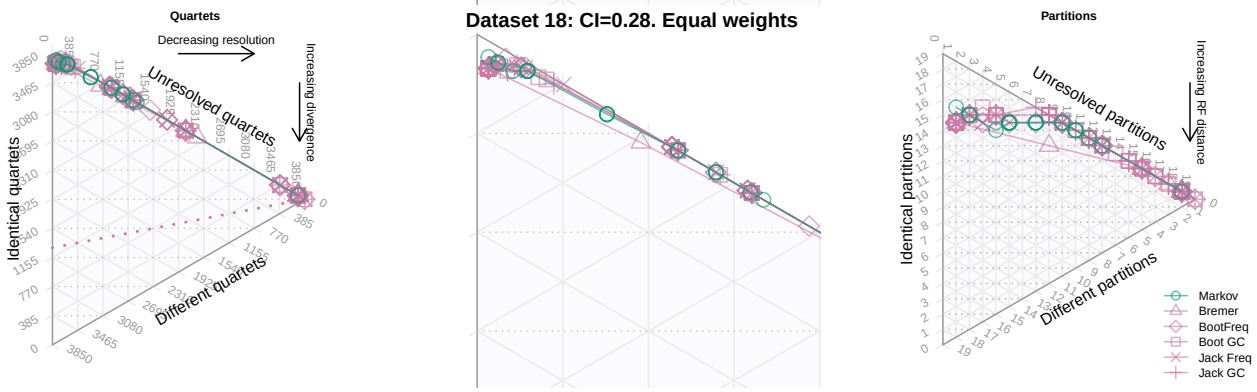
Boot GC
Jack Freq
Jack GC

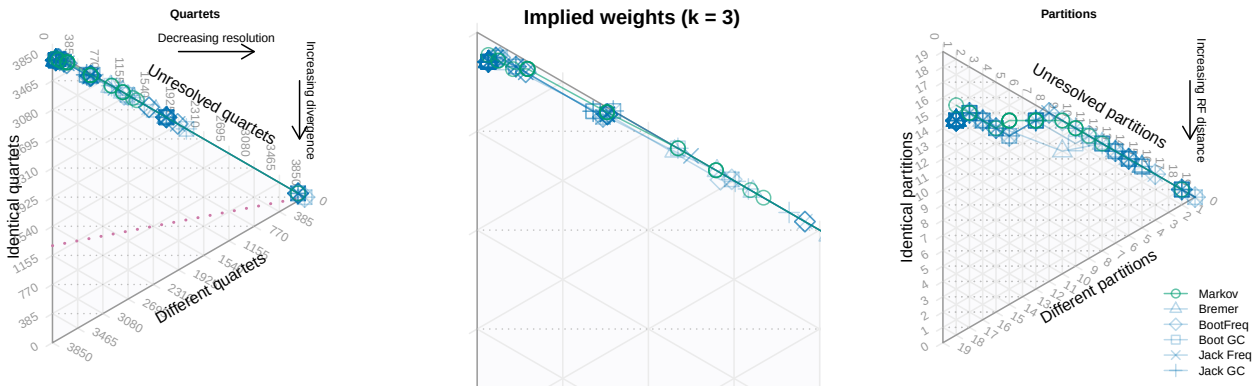

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 16: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

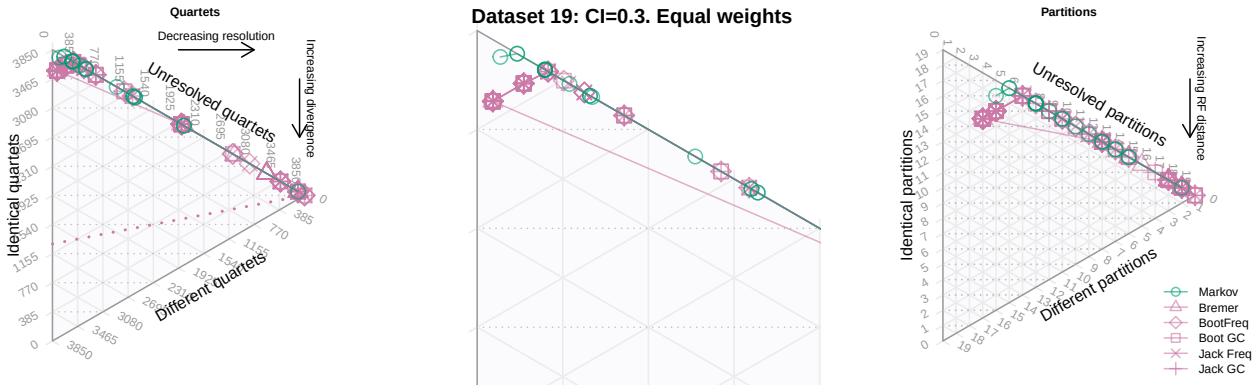

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

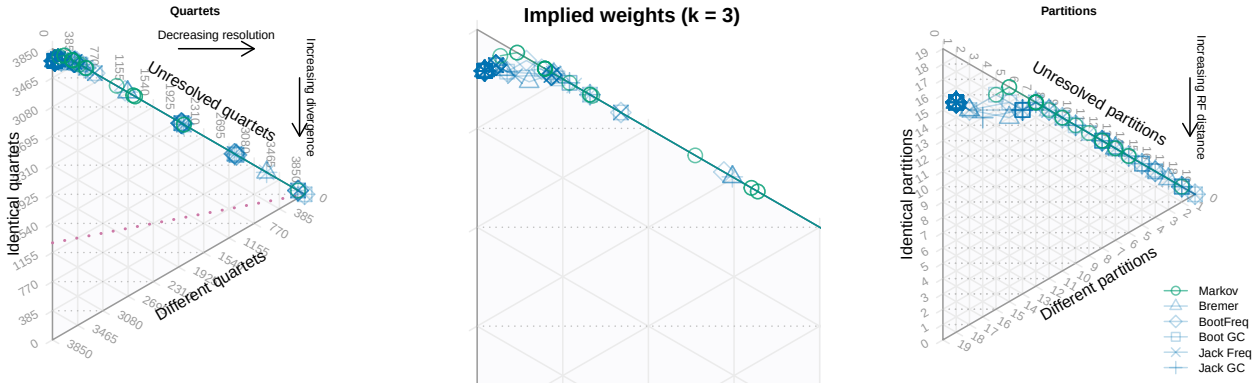

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 17: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

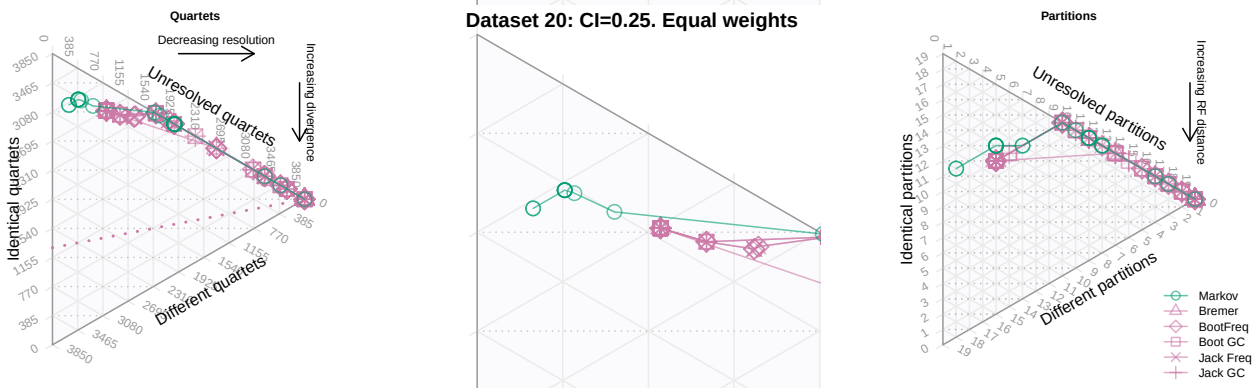

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

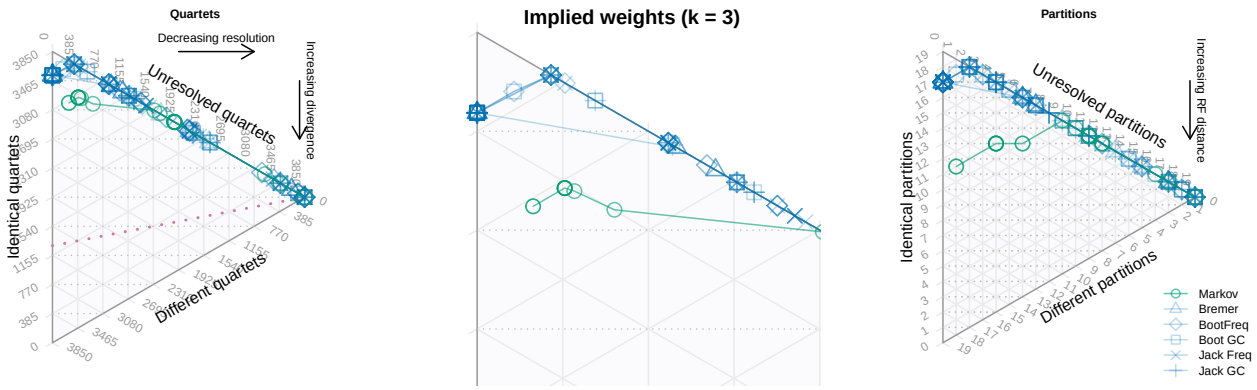

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 18: CI=0.28. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

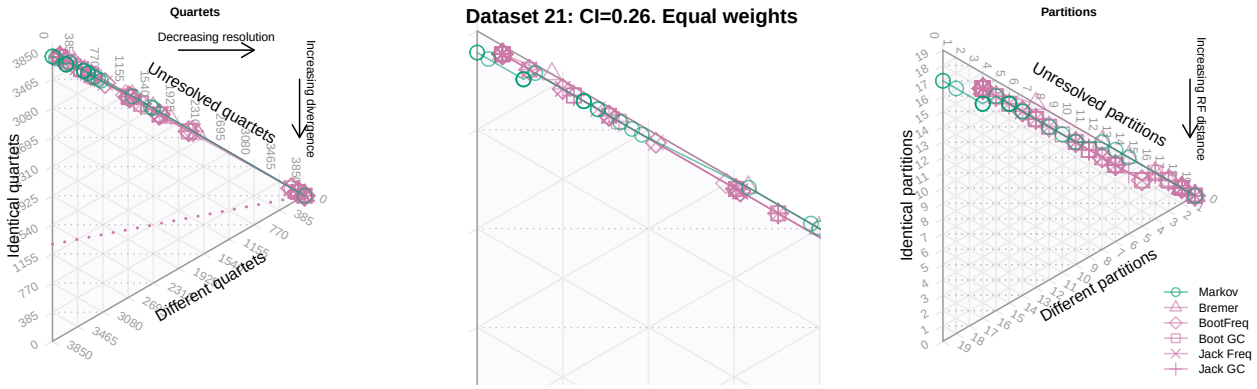

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 19: CI=0.3. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

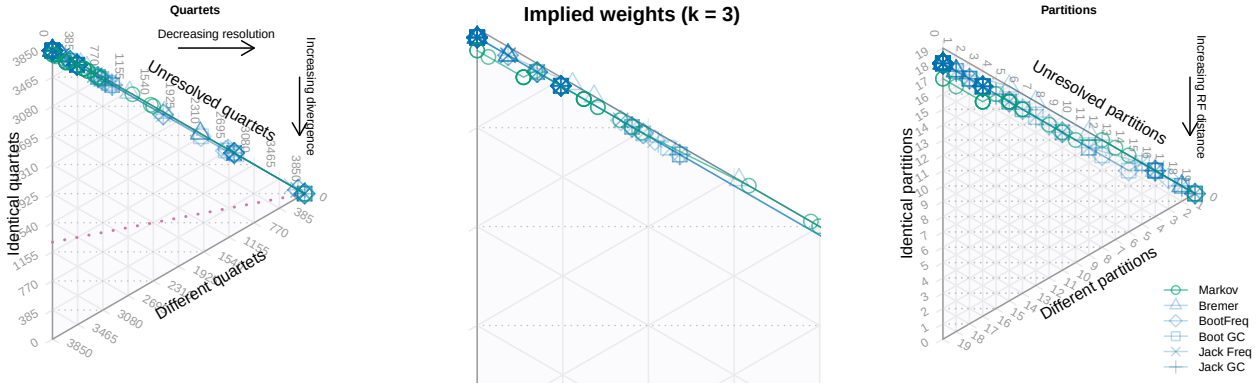

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

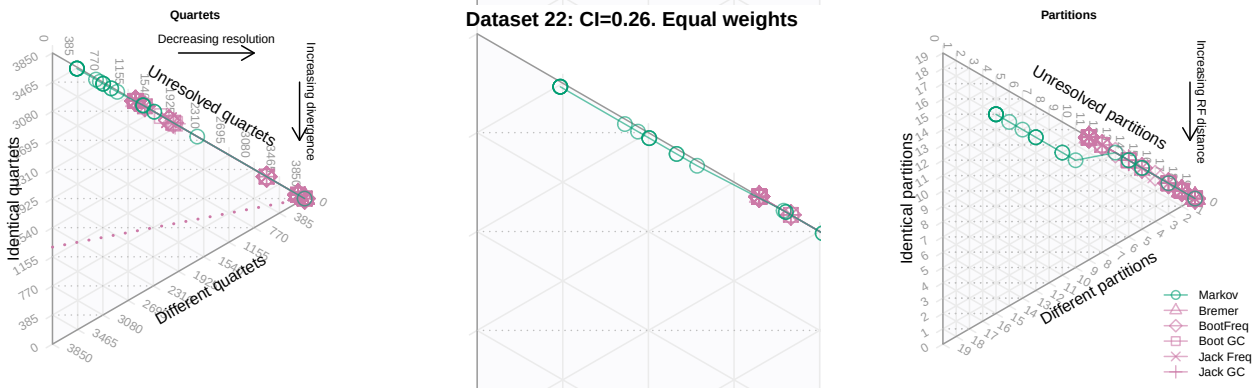

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 20: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

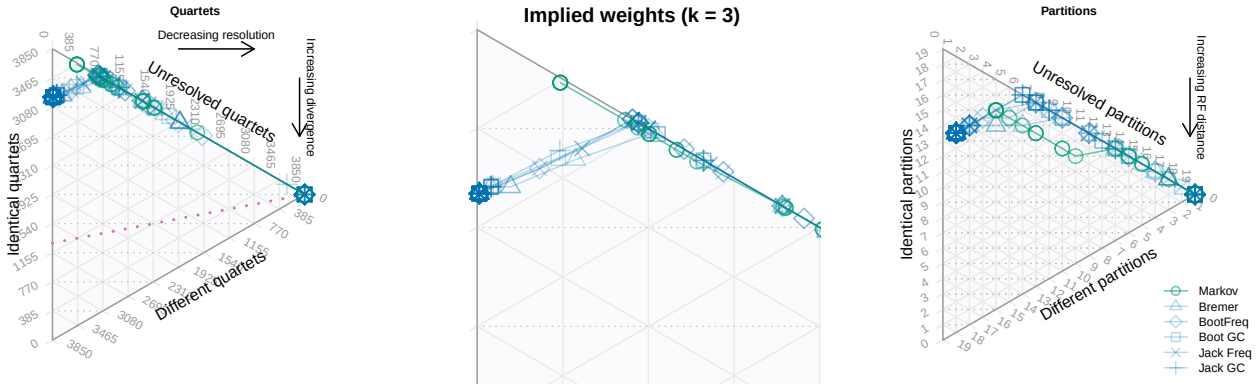

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

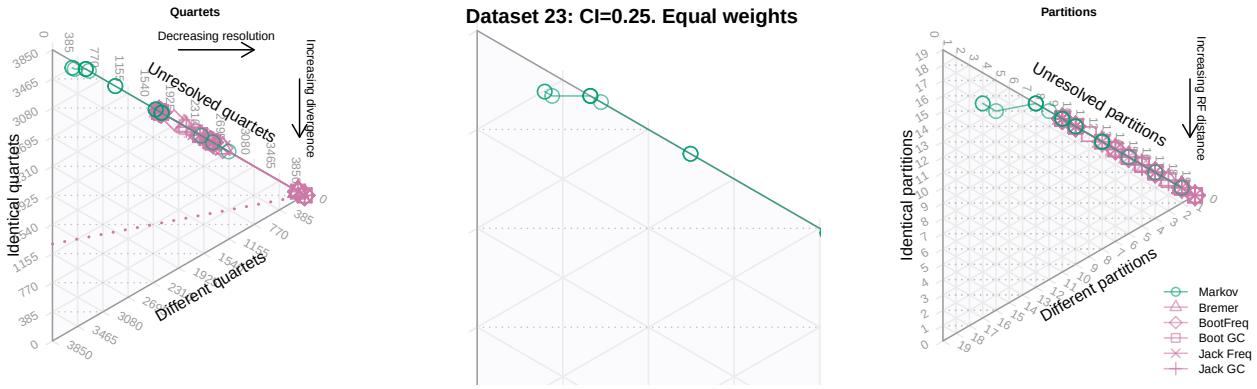
0.4 Trees 21–30

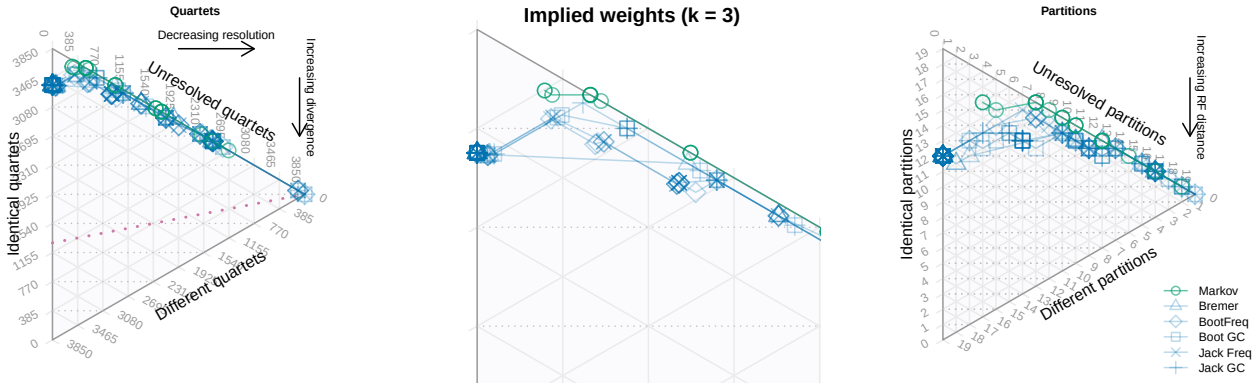


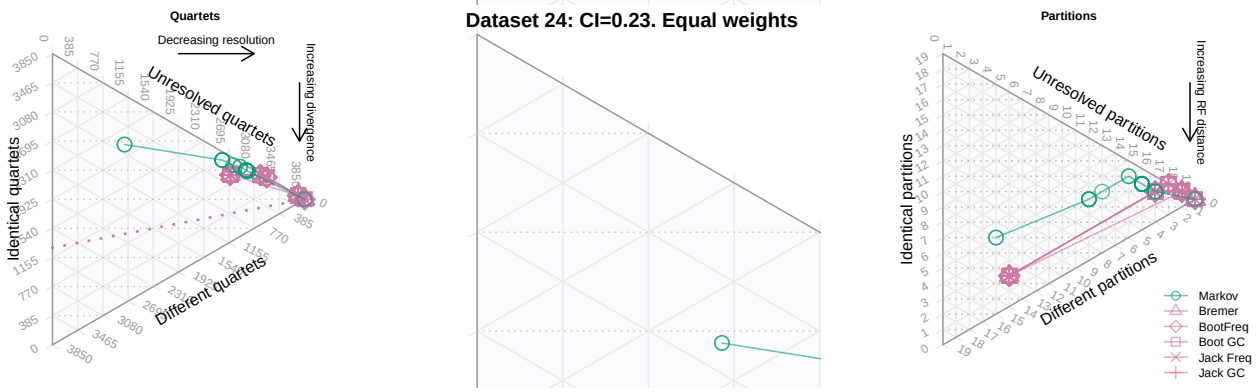


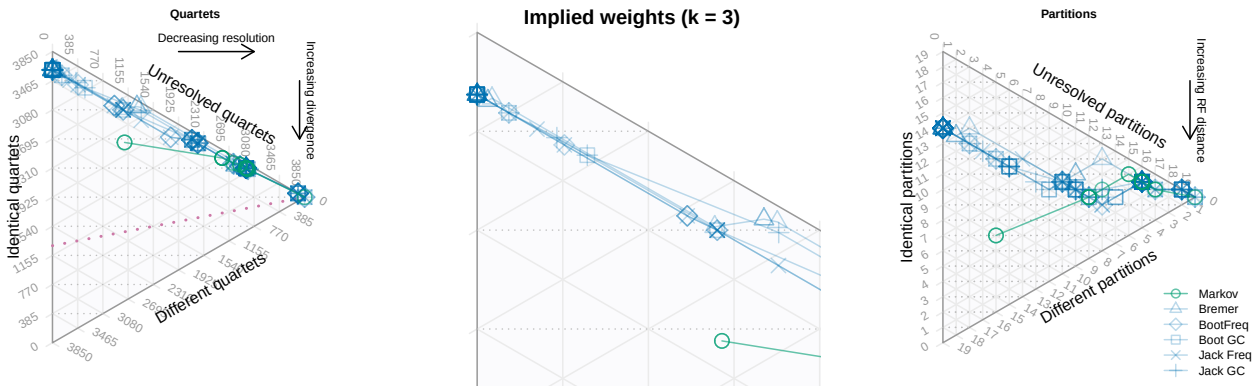


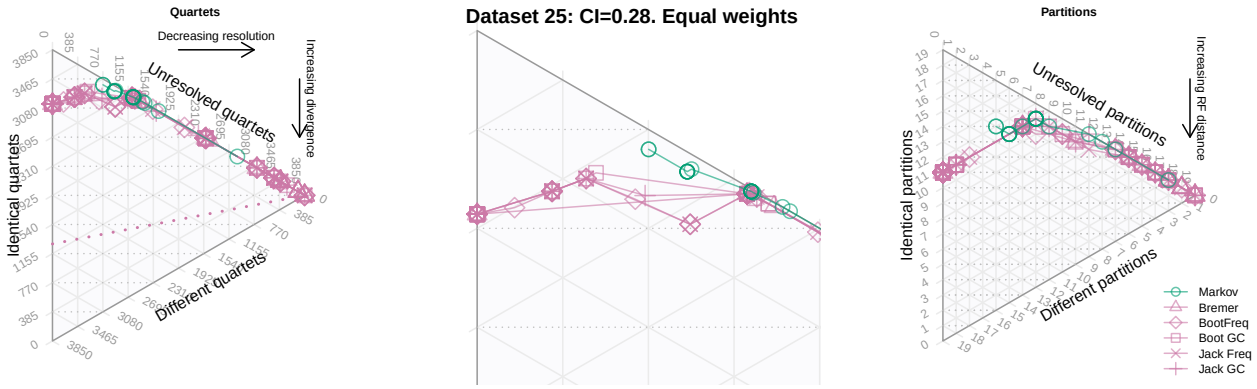


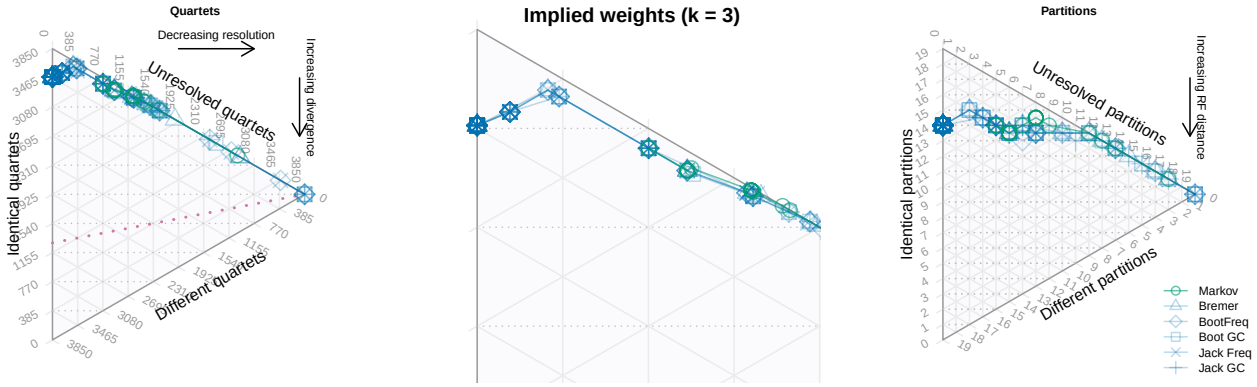

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 23: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

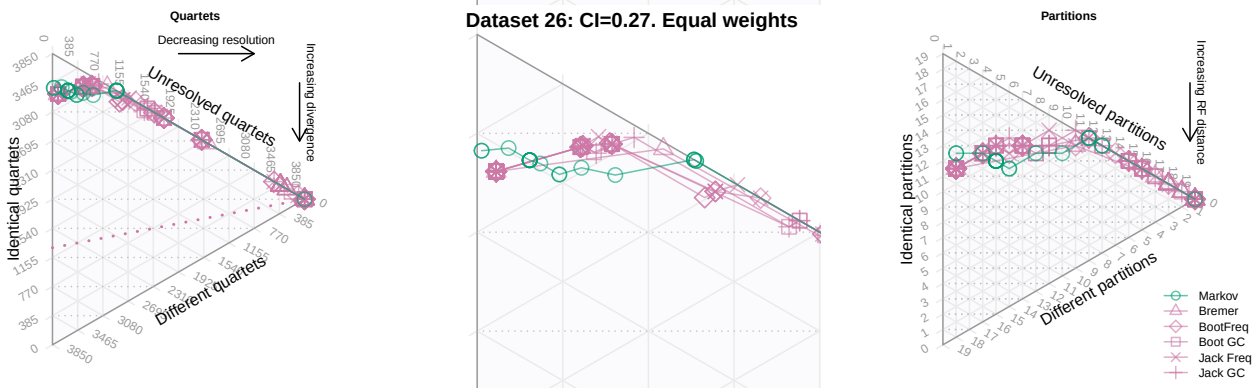

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

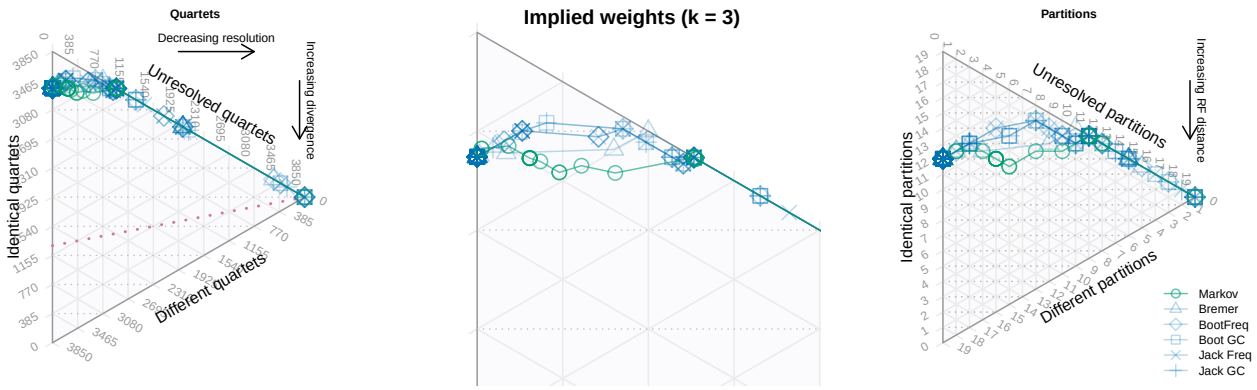

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 24: CI=0.23. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

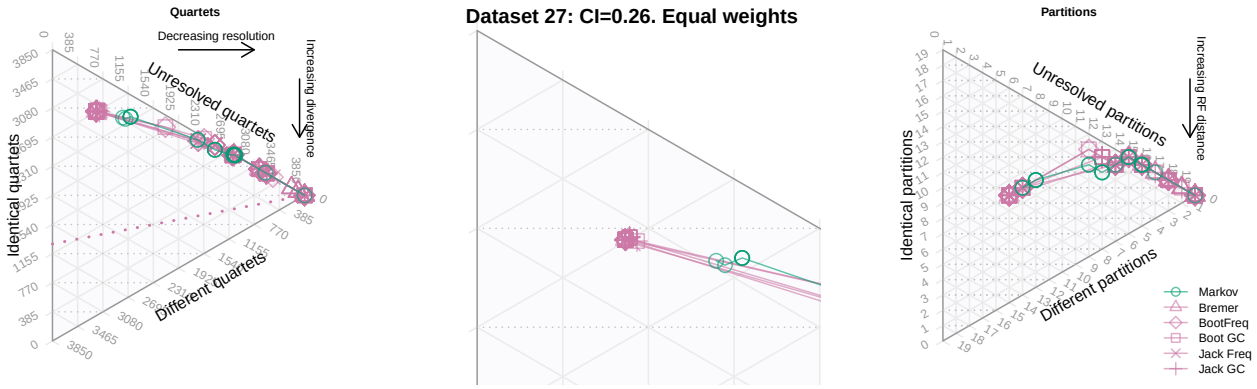

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

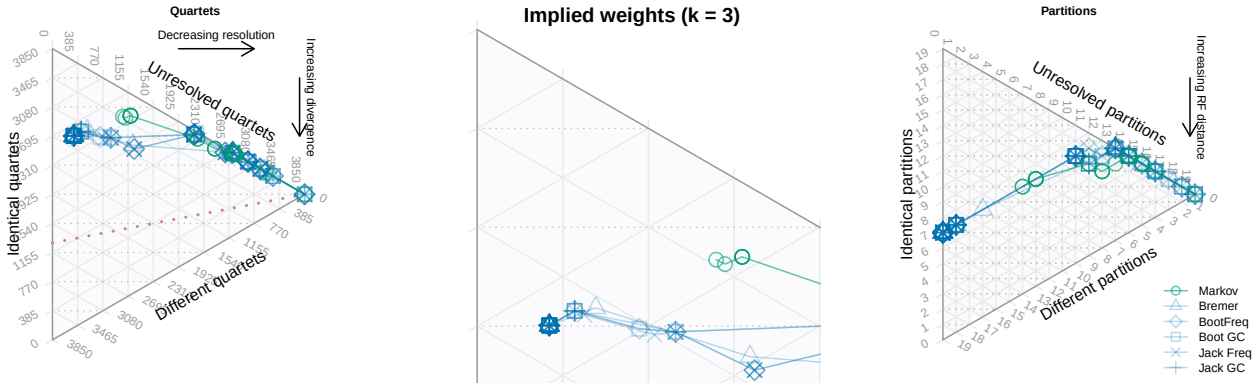

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 25: CI=0.28. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

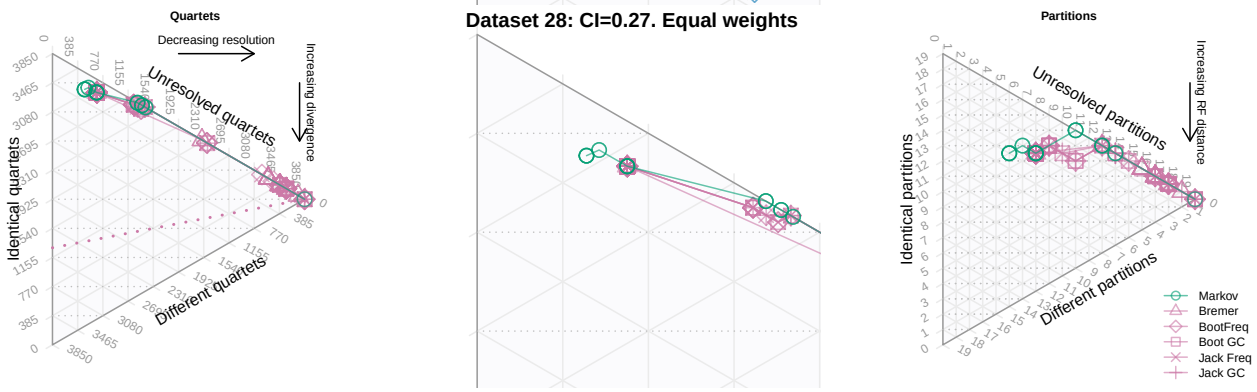

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

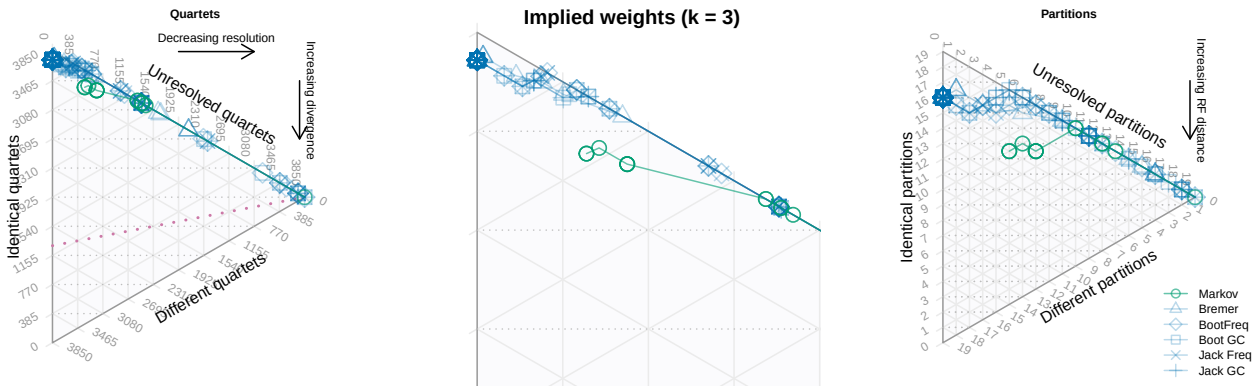

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 26: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

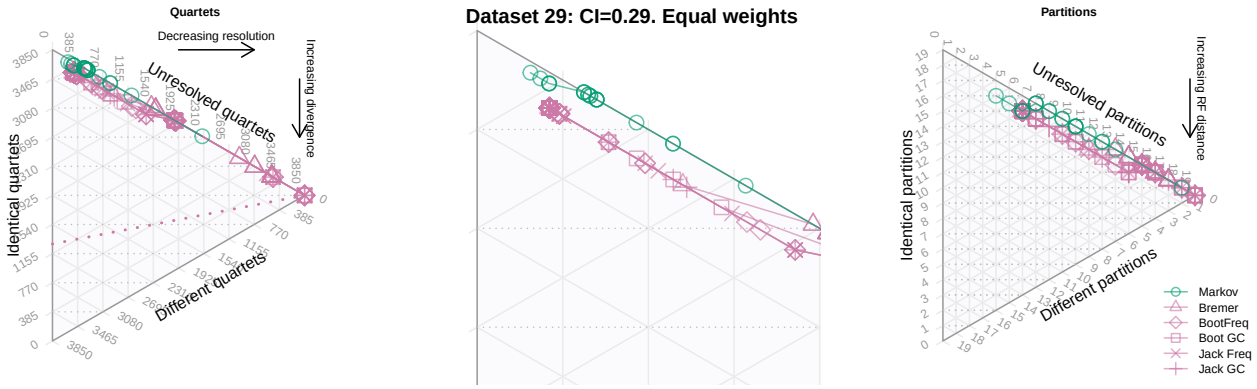

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

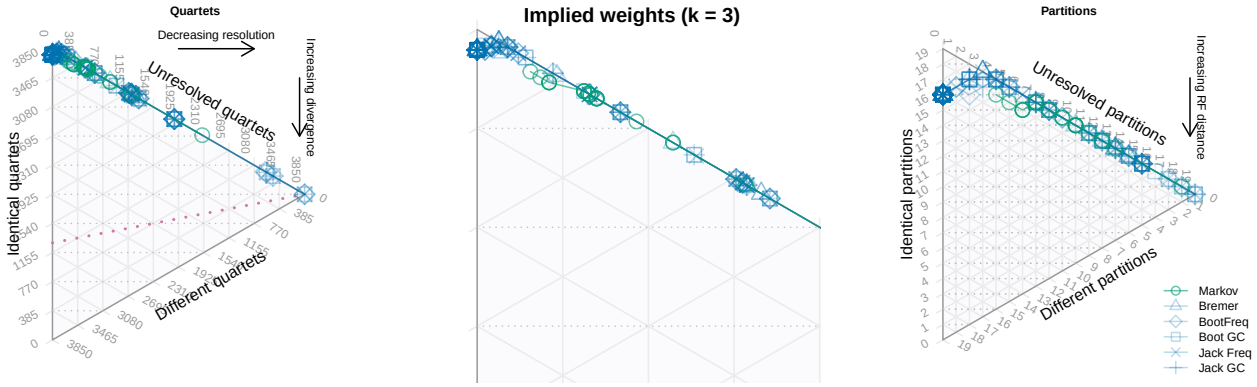

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 27: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

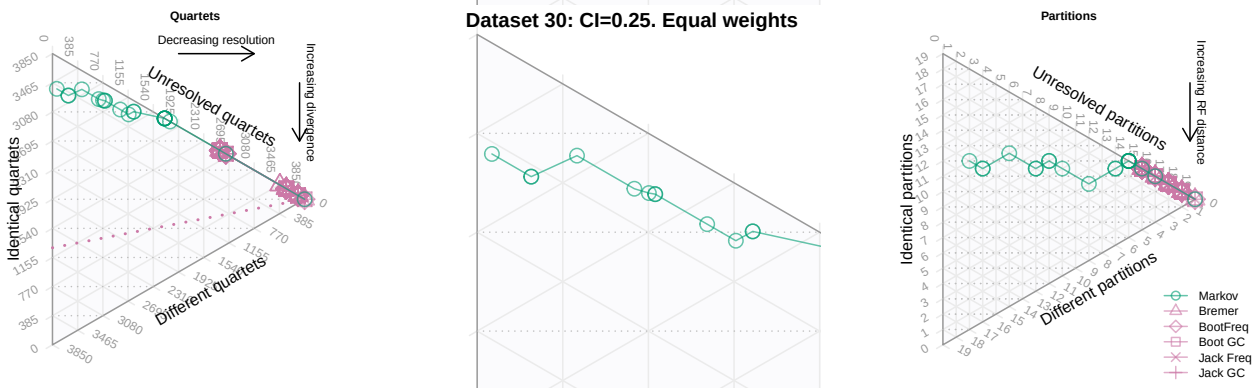

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

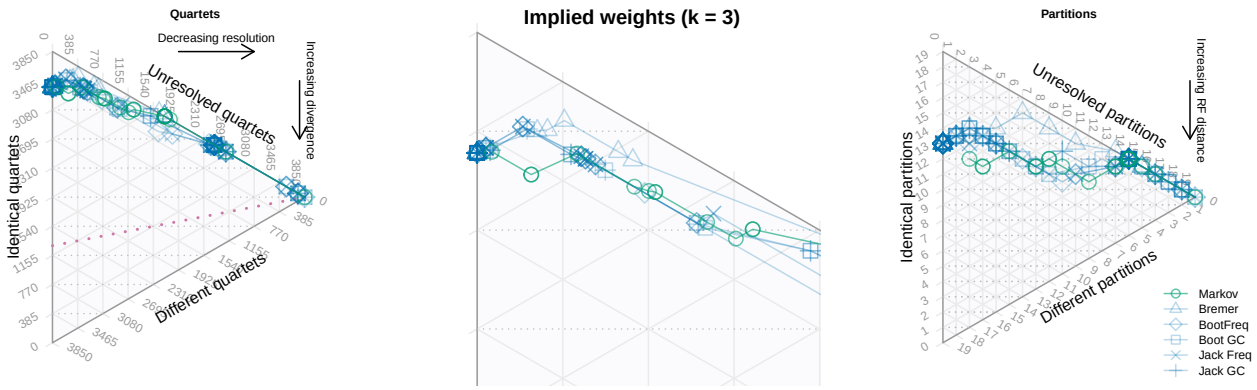

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 28: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

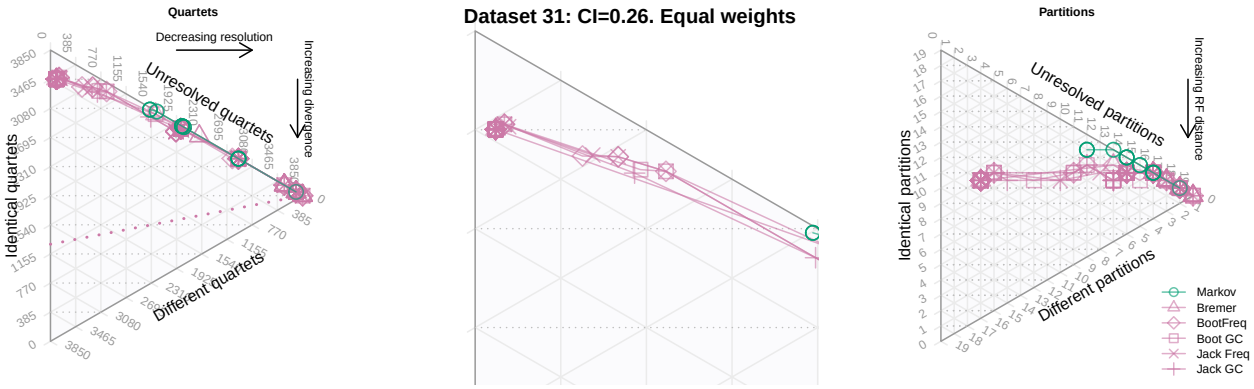

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 29: CI=0.29. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

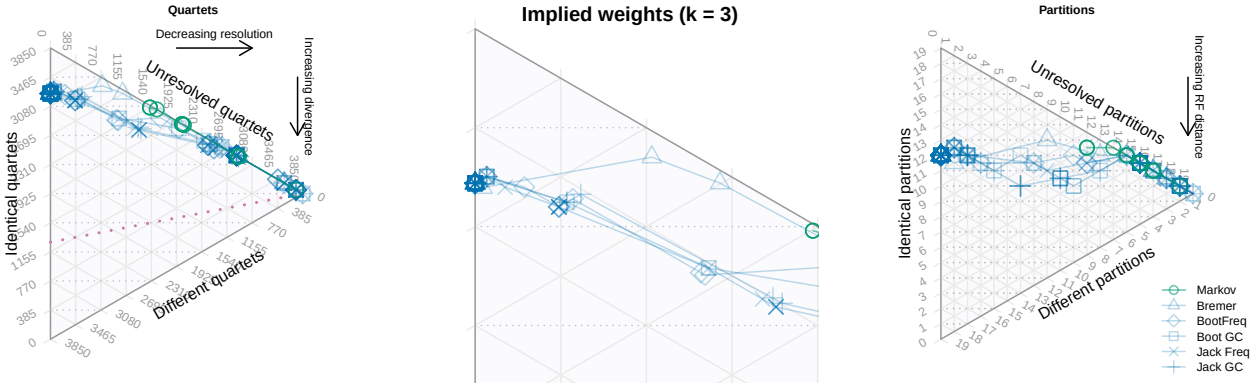

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

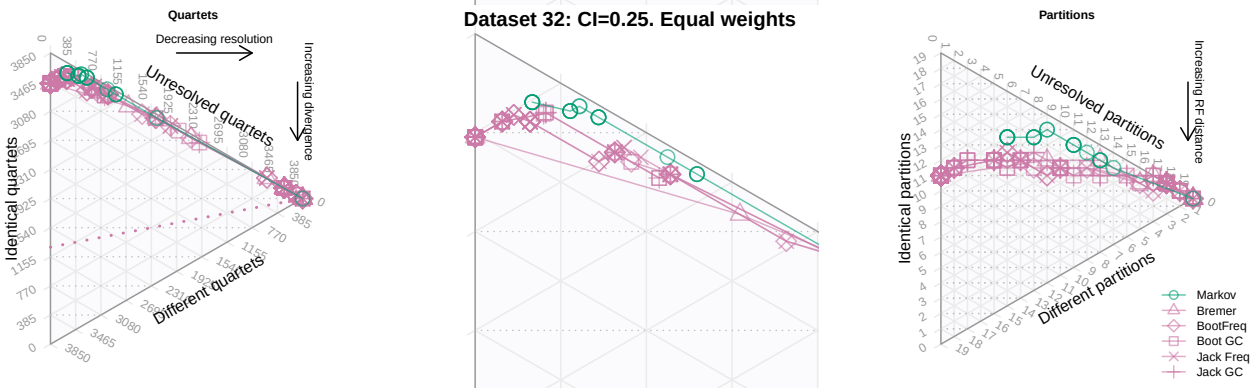

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 30: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

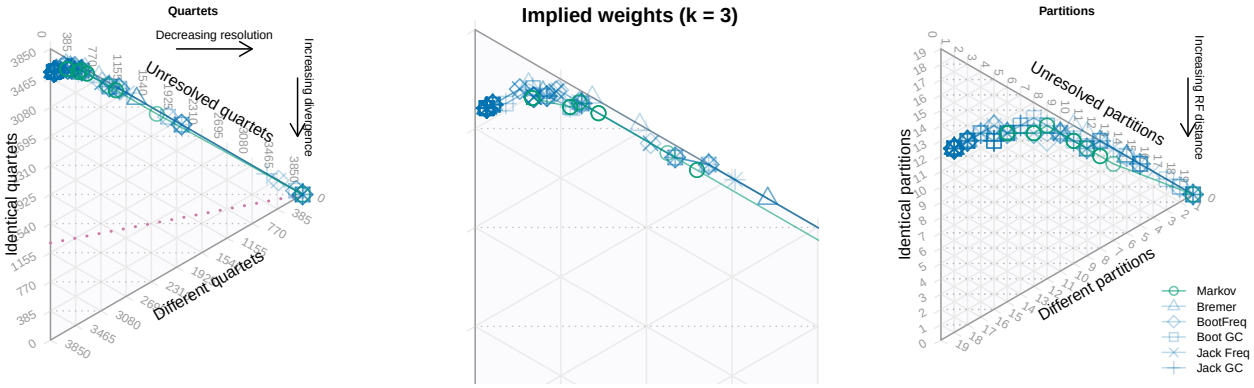

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

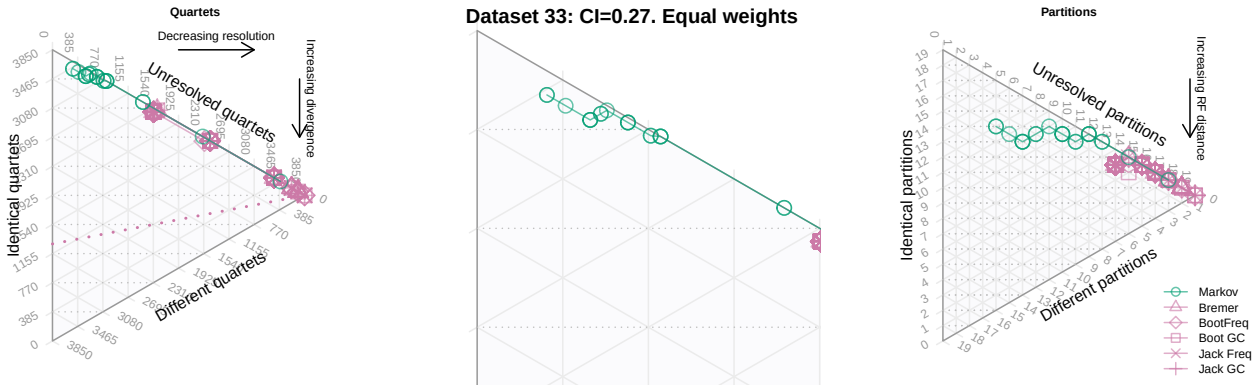
0.5 Trees 31–40

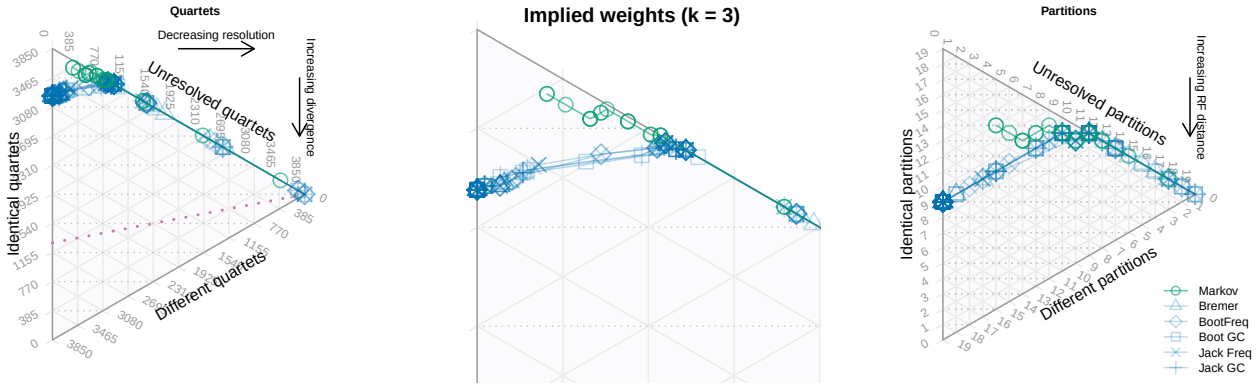


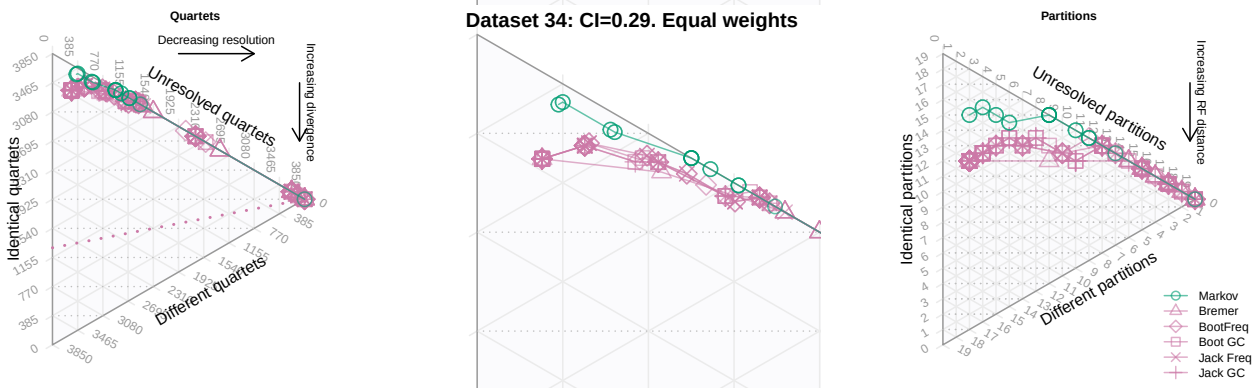


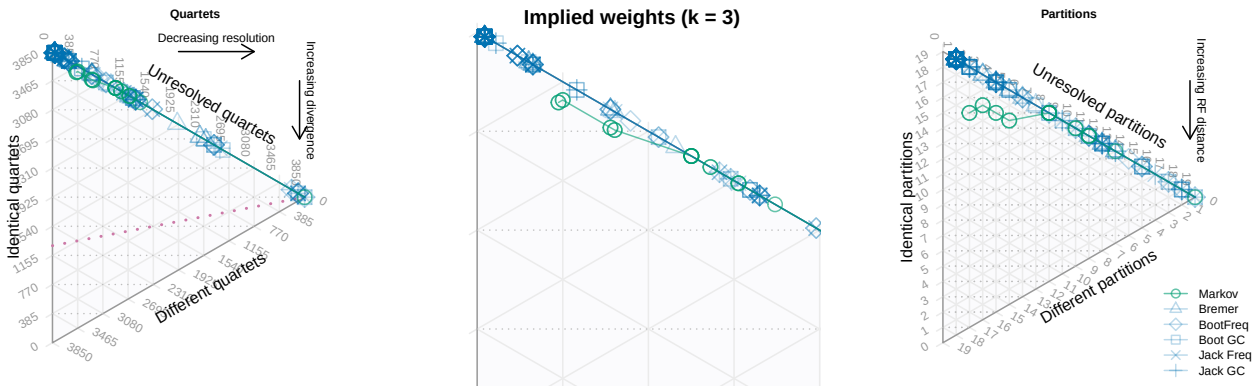


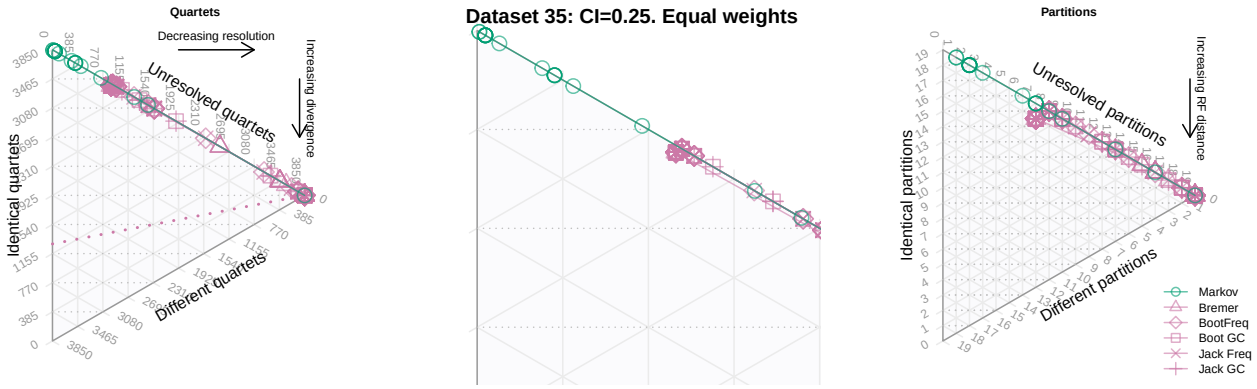


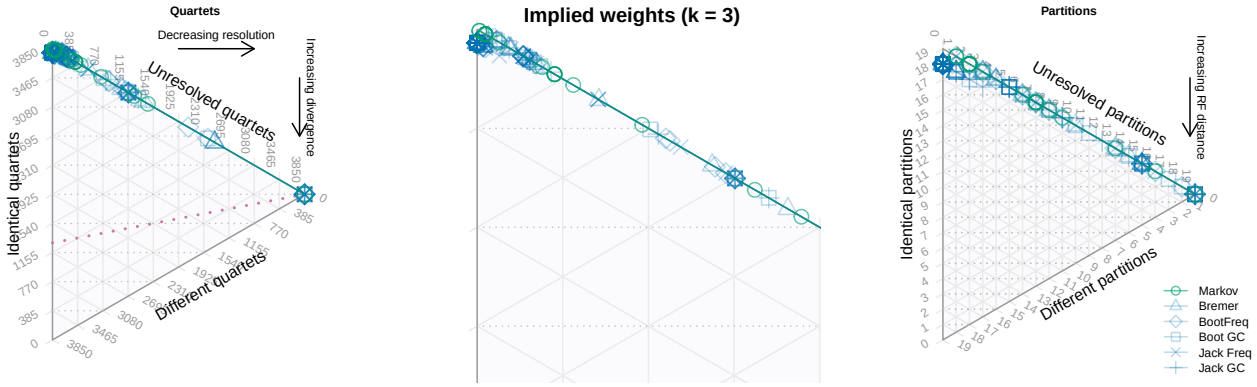

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 33: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

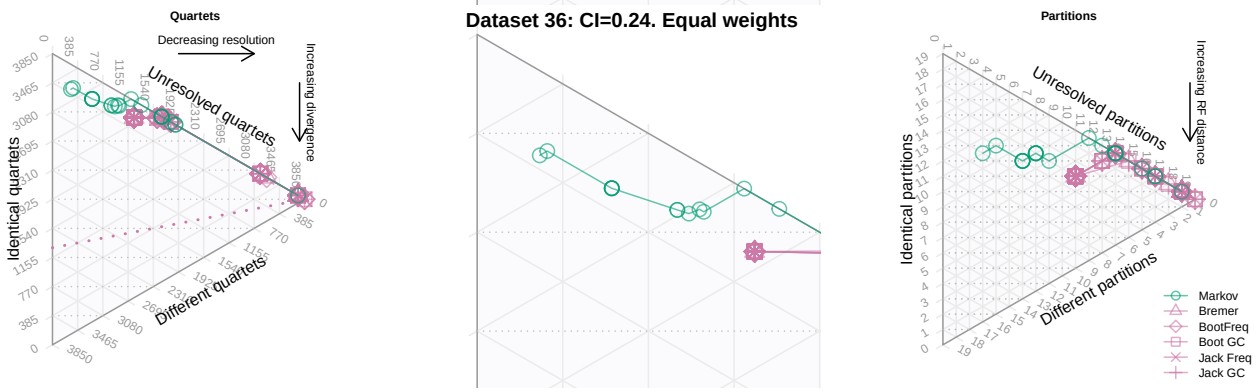

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

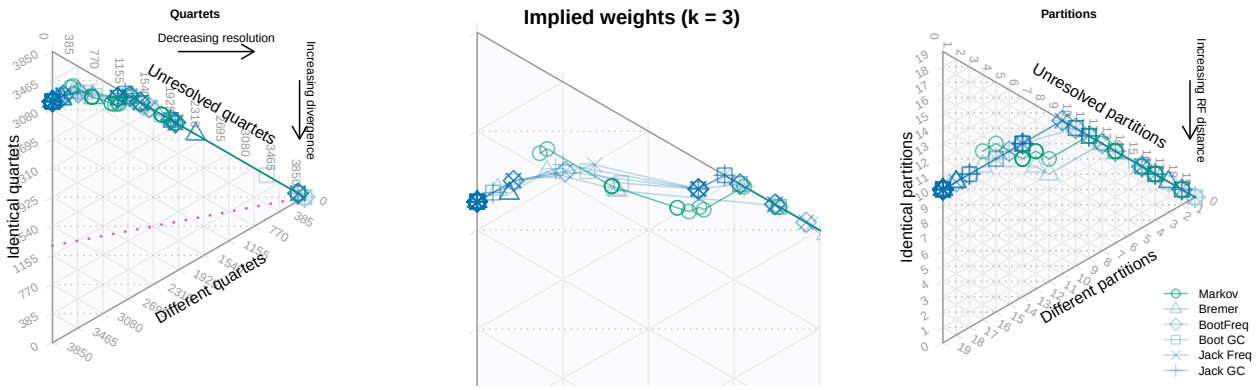

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 34: CI=0.29. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

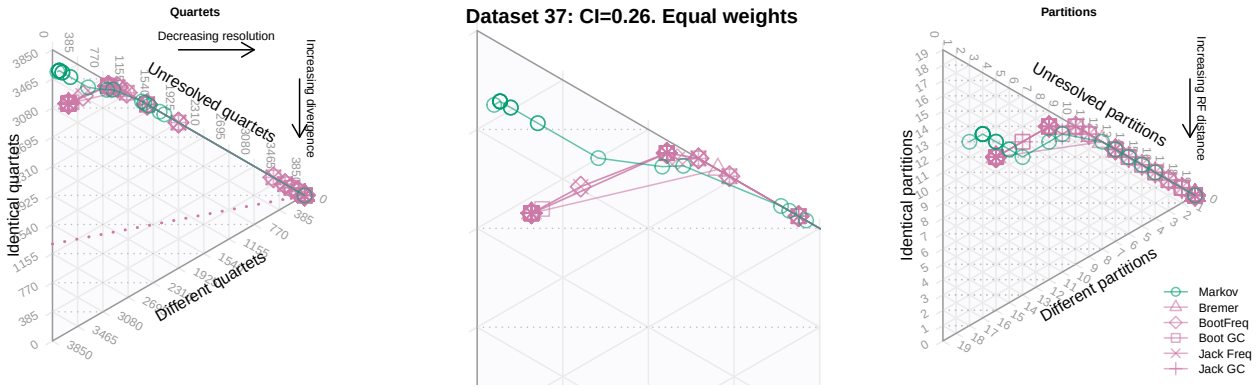

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

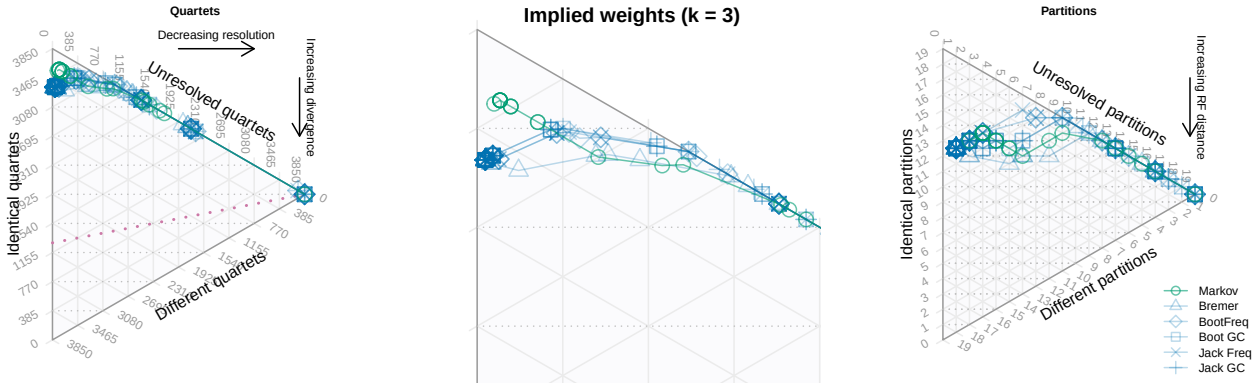

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 35: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

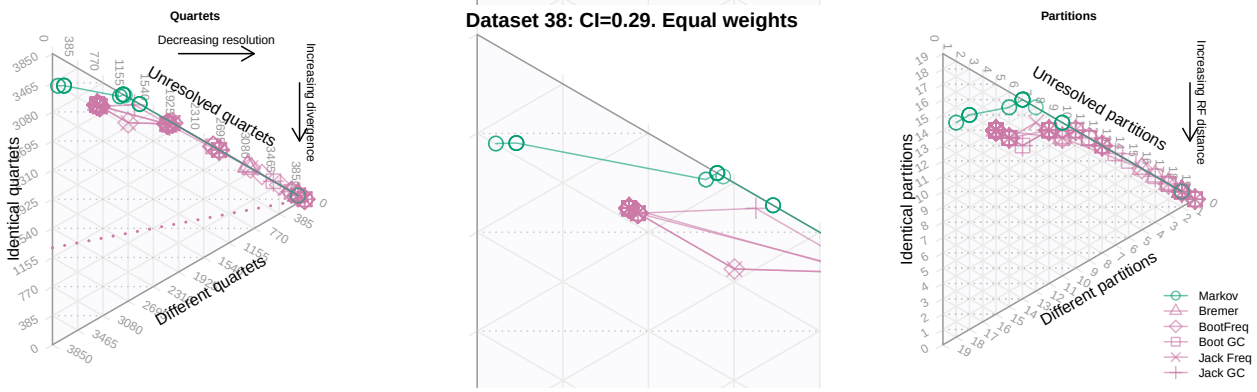

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

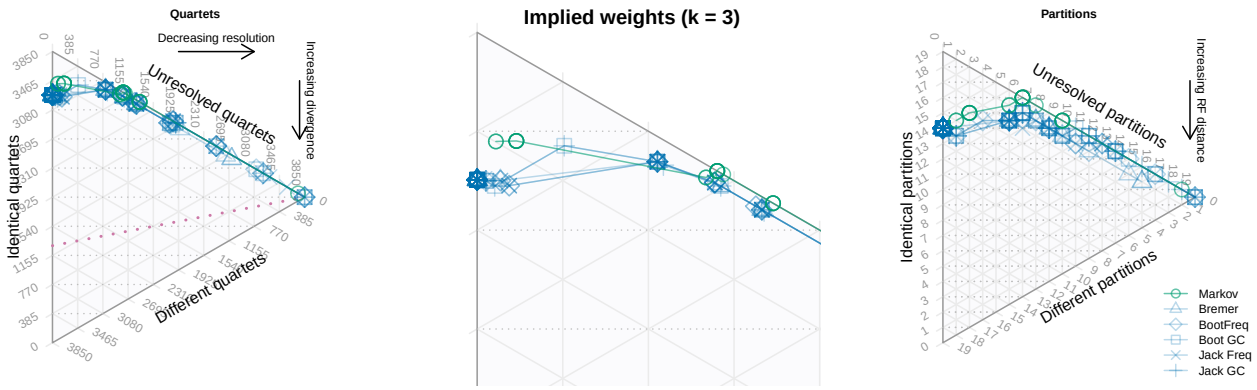

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 36: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

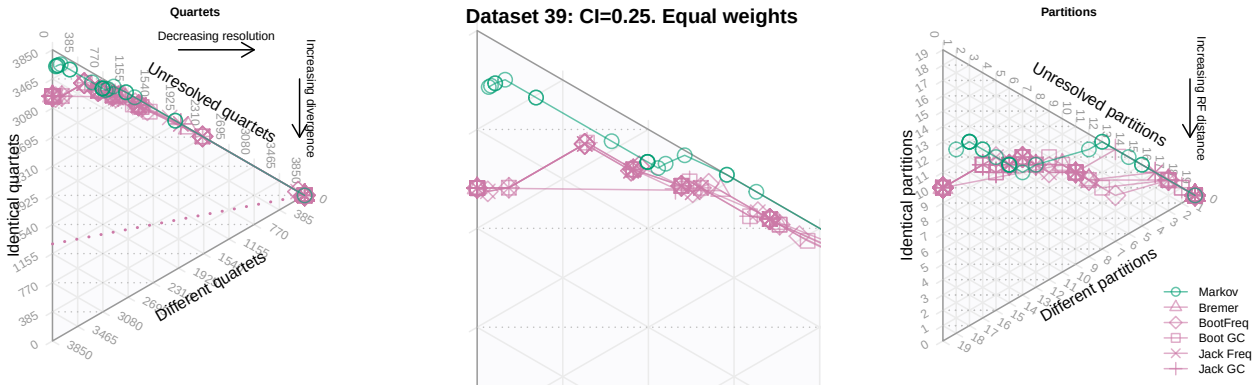

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

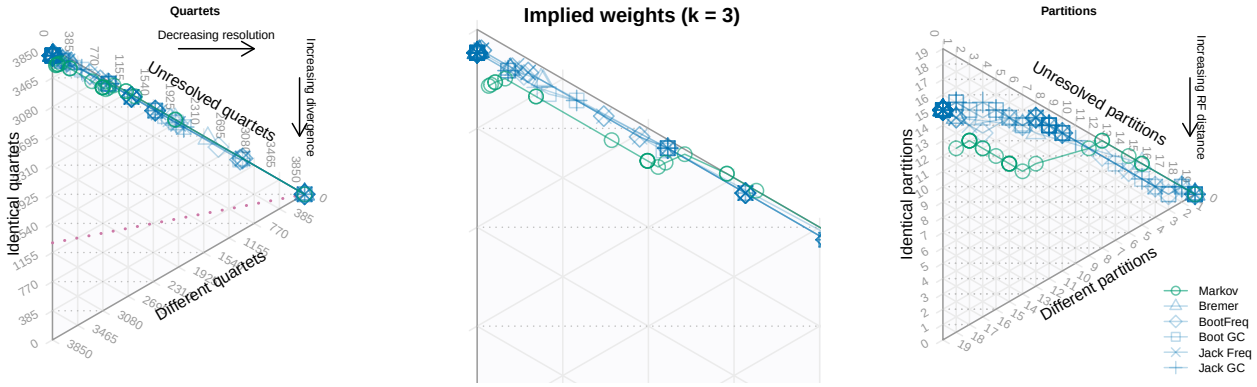

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 37: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

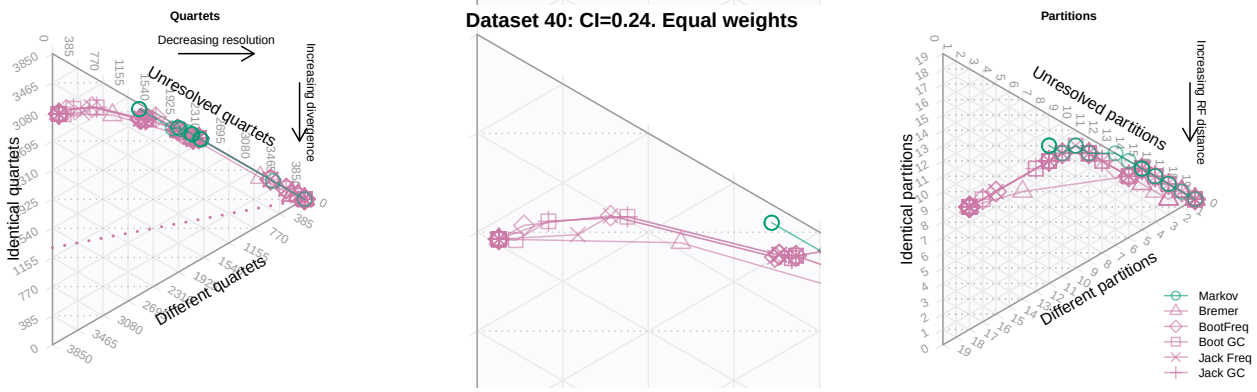

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

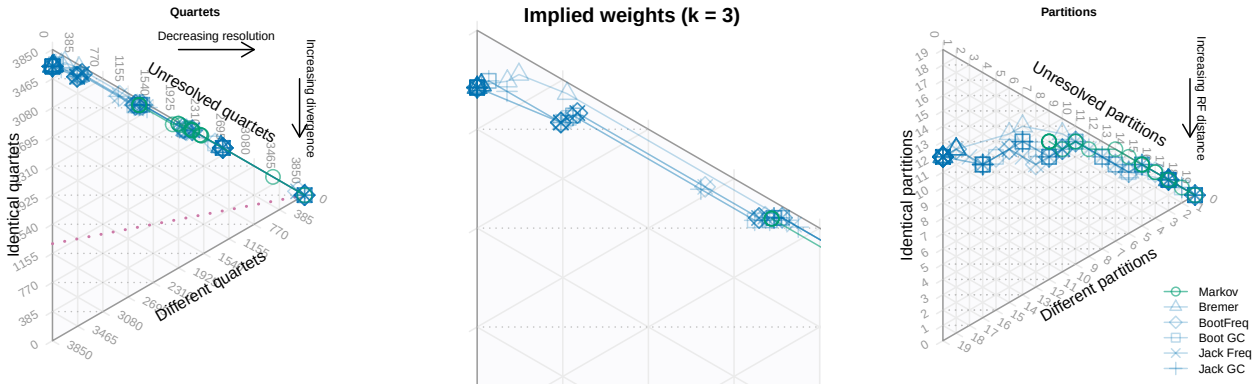

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 38: CI=0.29. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

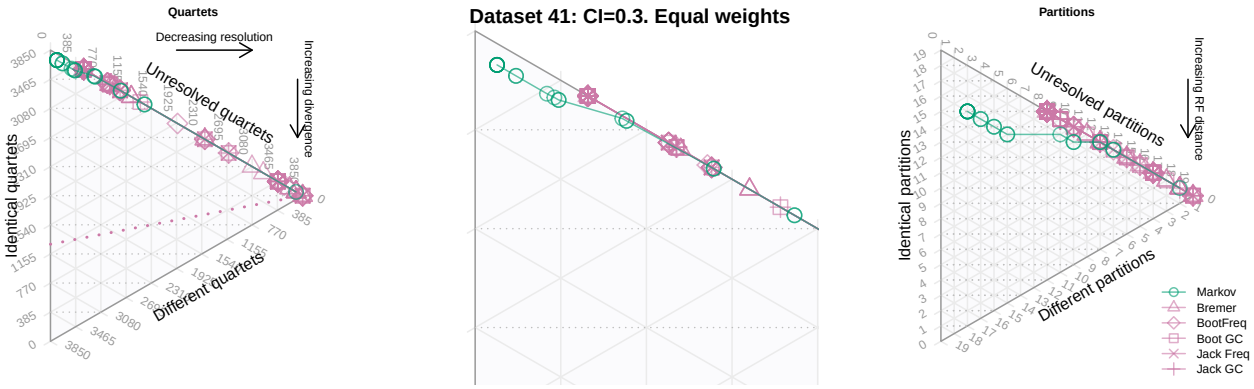

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 39: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

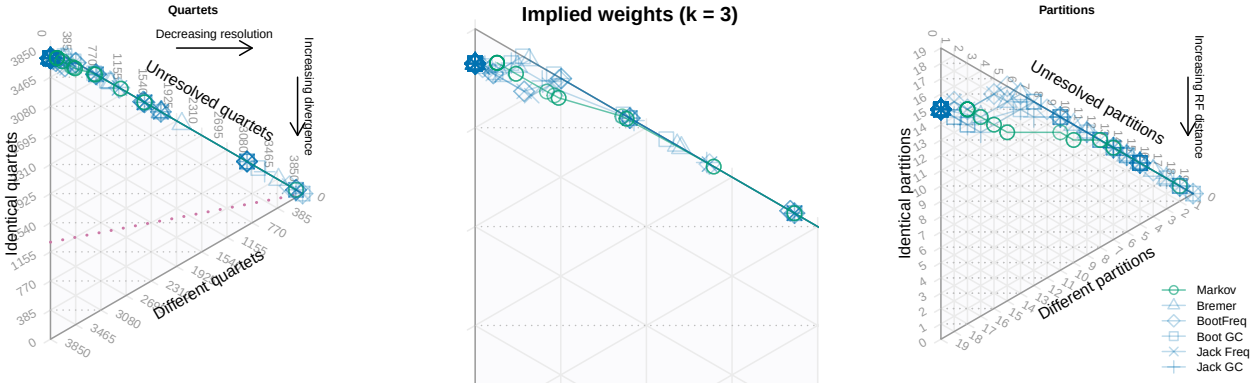

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

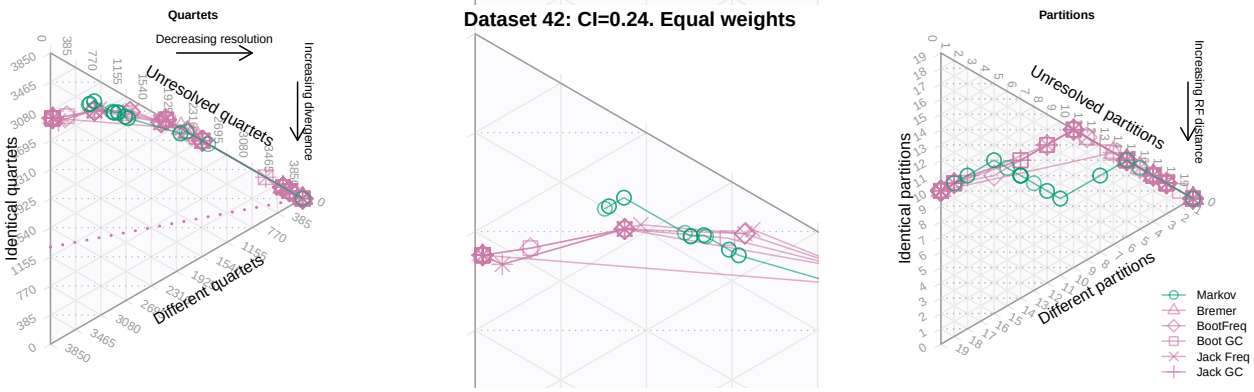

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 40: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

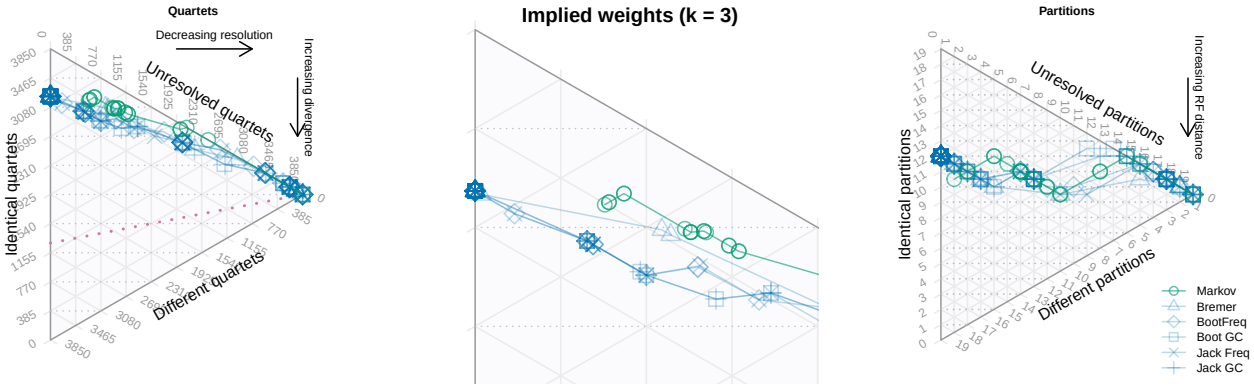

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

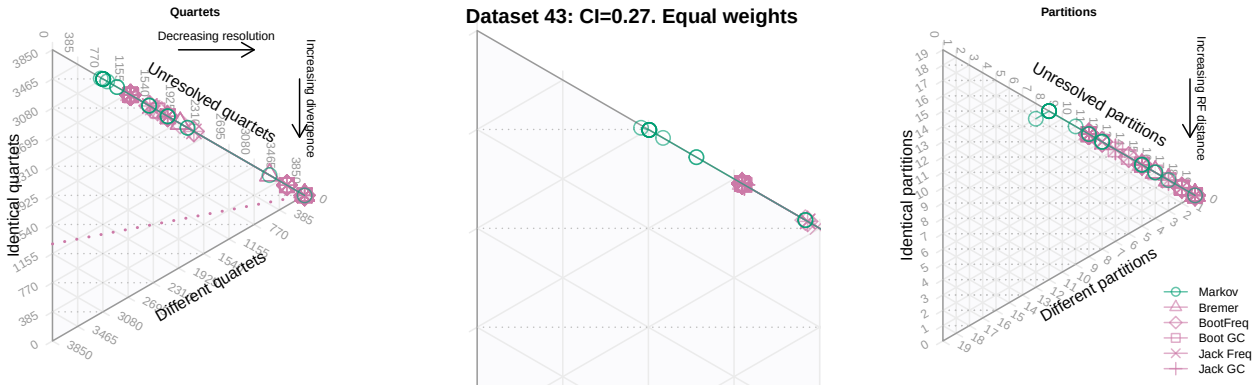
0.6 Trees 41–50

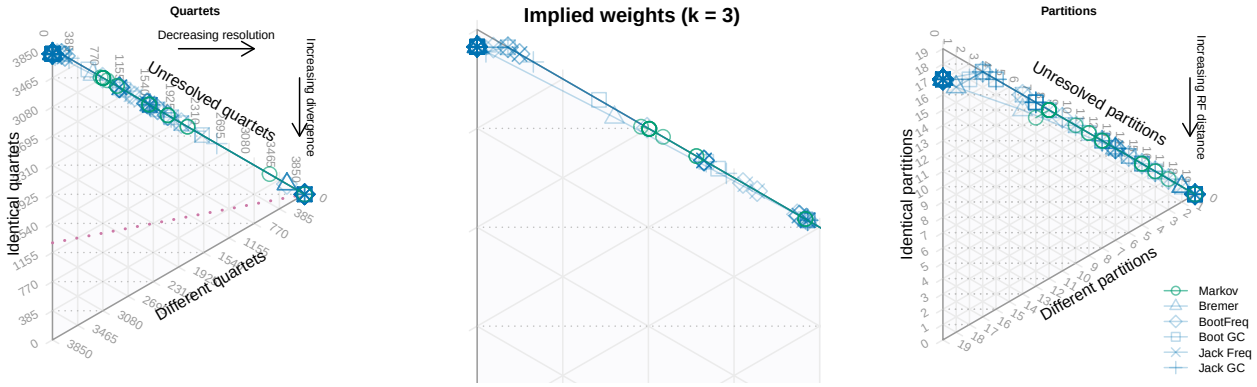


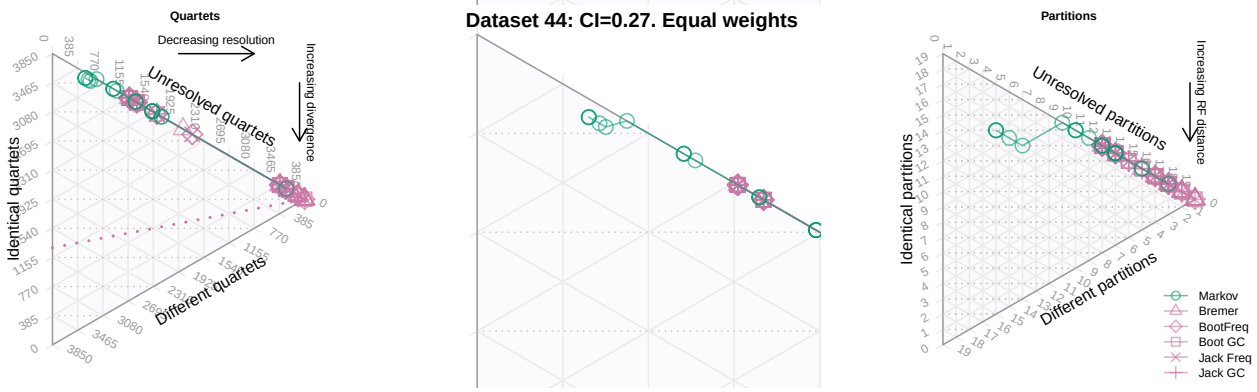


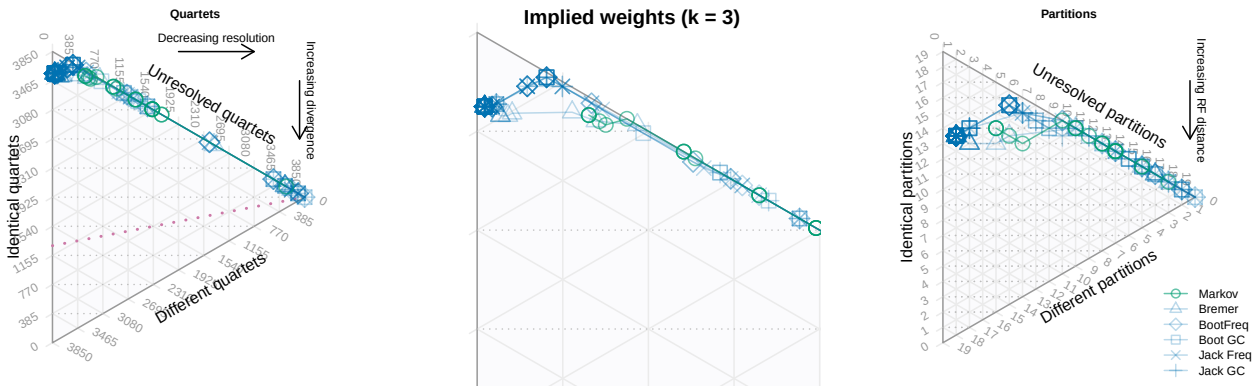


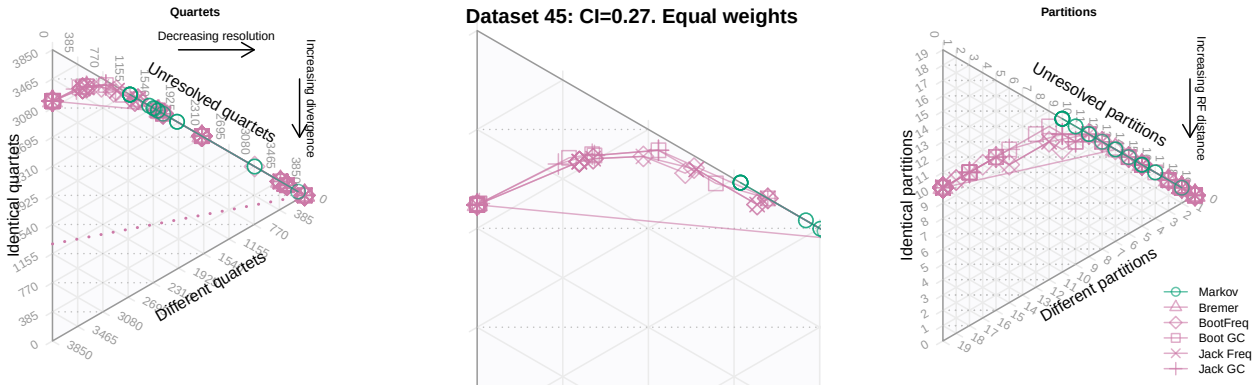


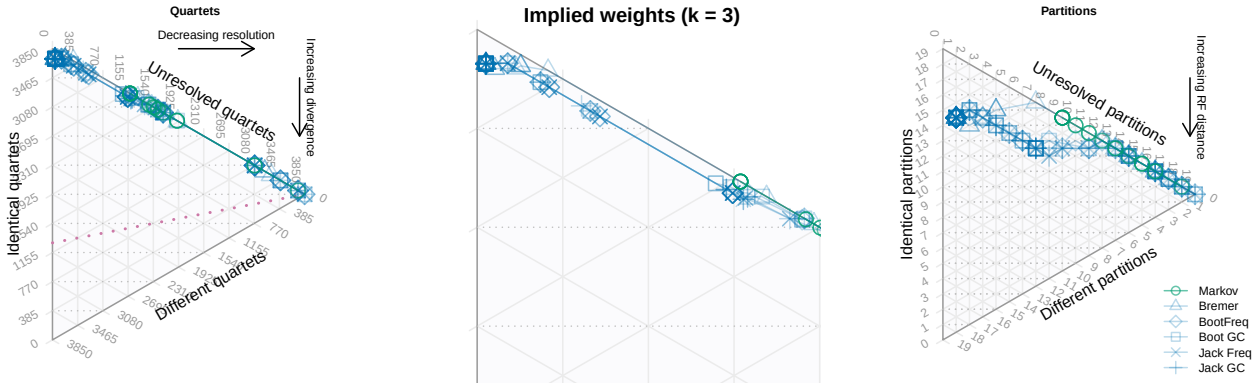

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 43: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

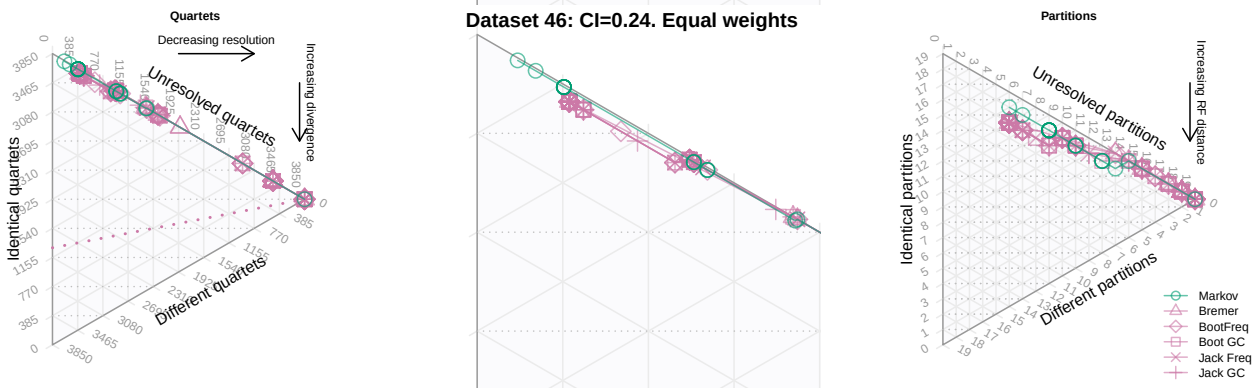

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

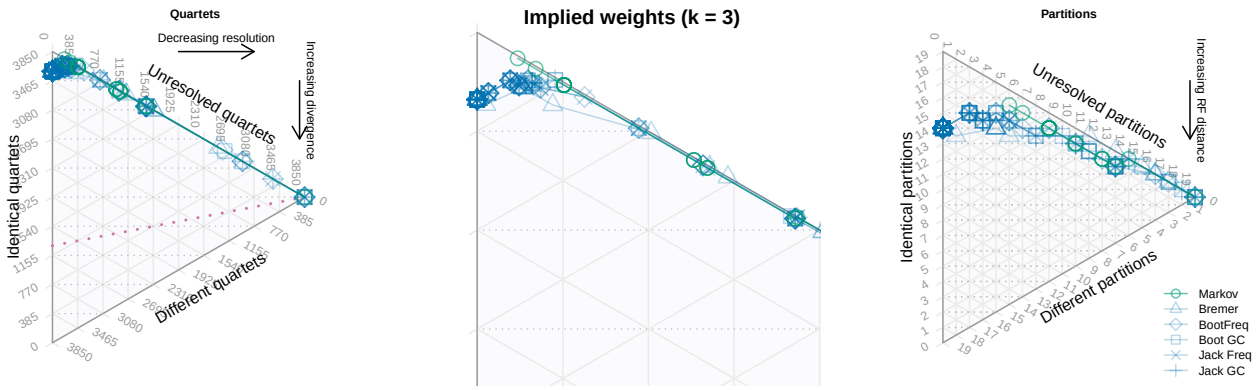

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 44: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

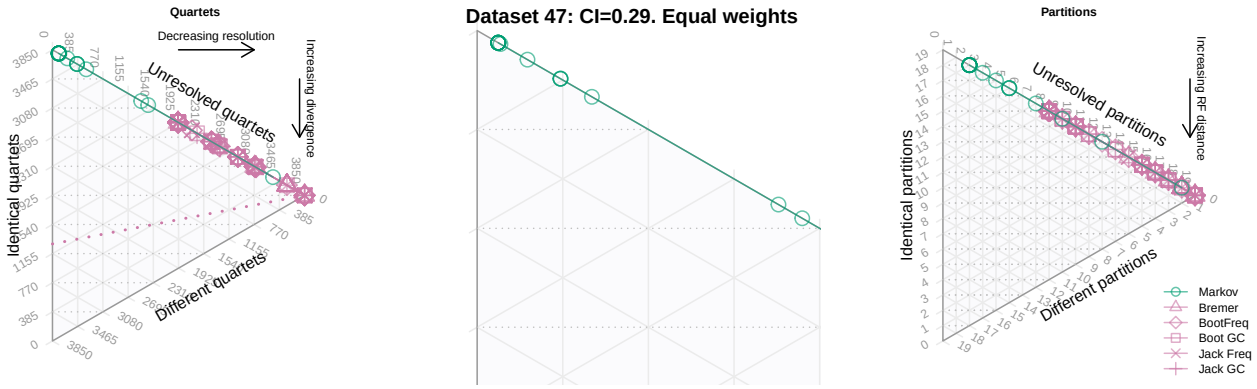

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

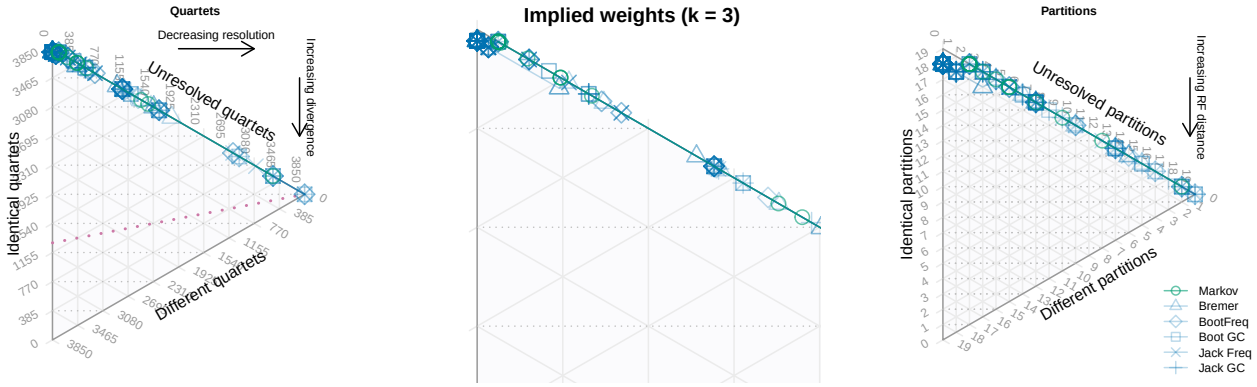

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 45: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

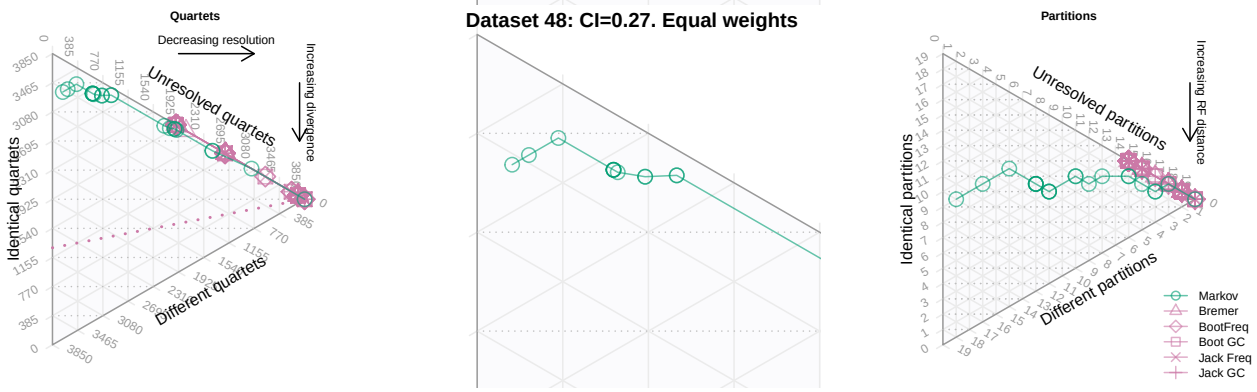

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

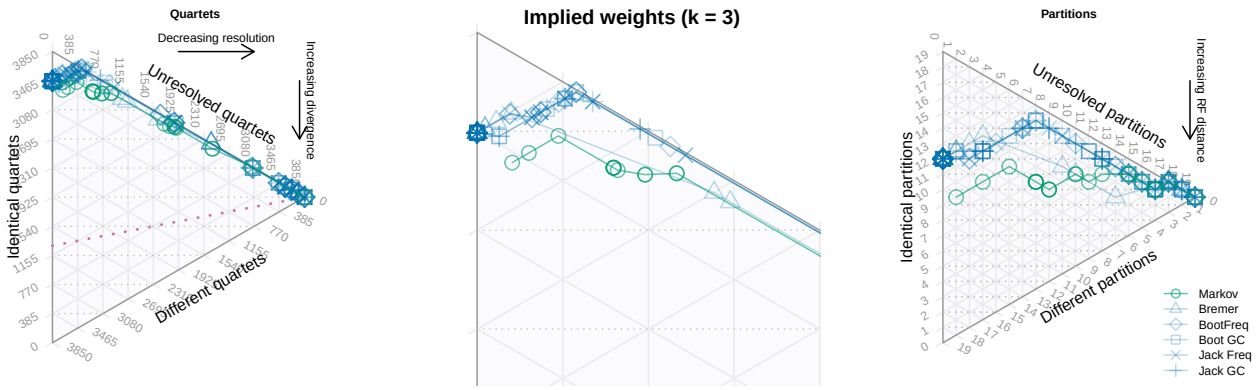

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 46: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

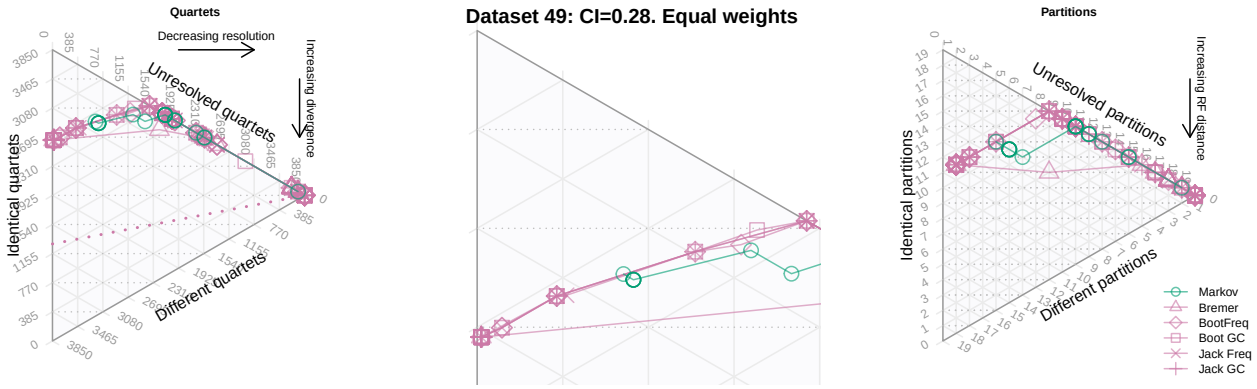

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

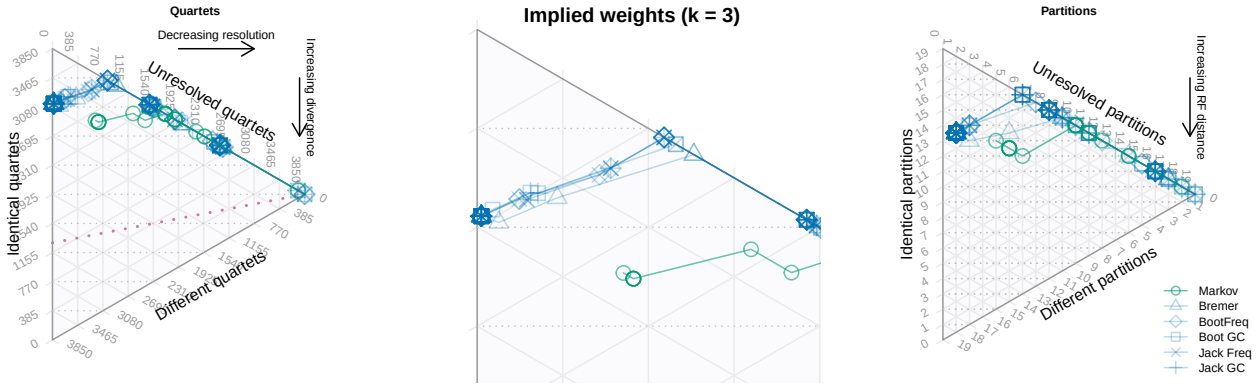

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 47: CI=0.29. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

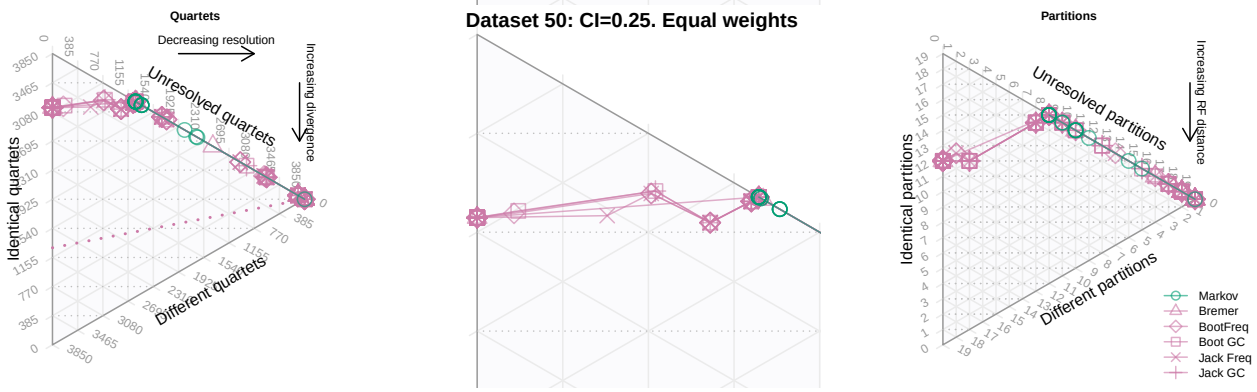

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

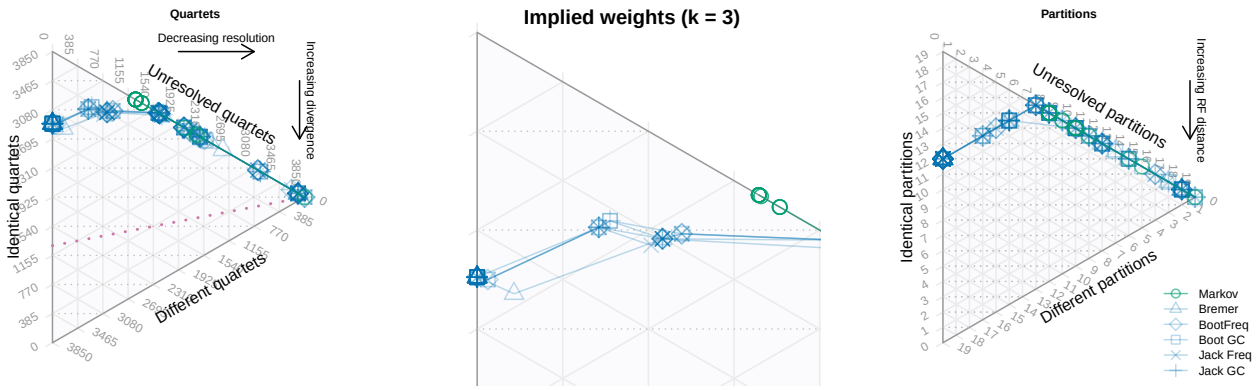

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 48: CI=0.27. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

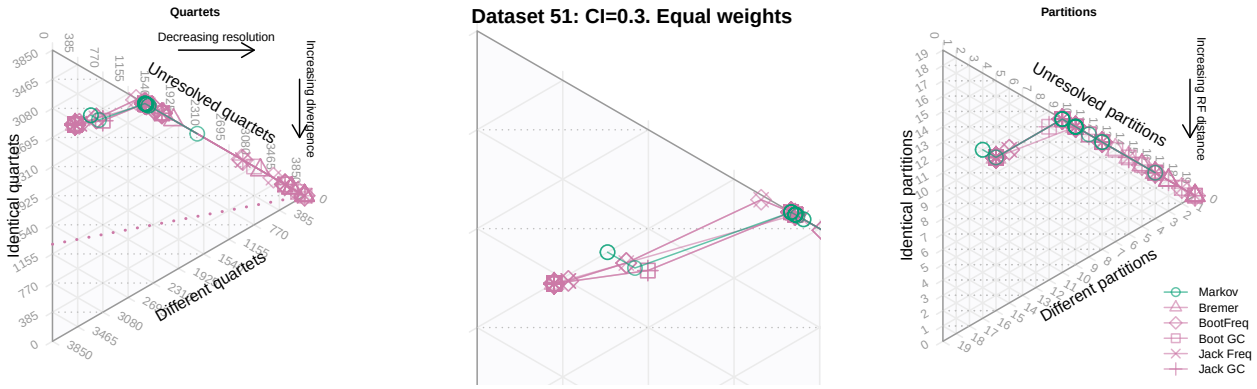

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 49: CI=0.28. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

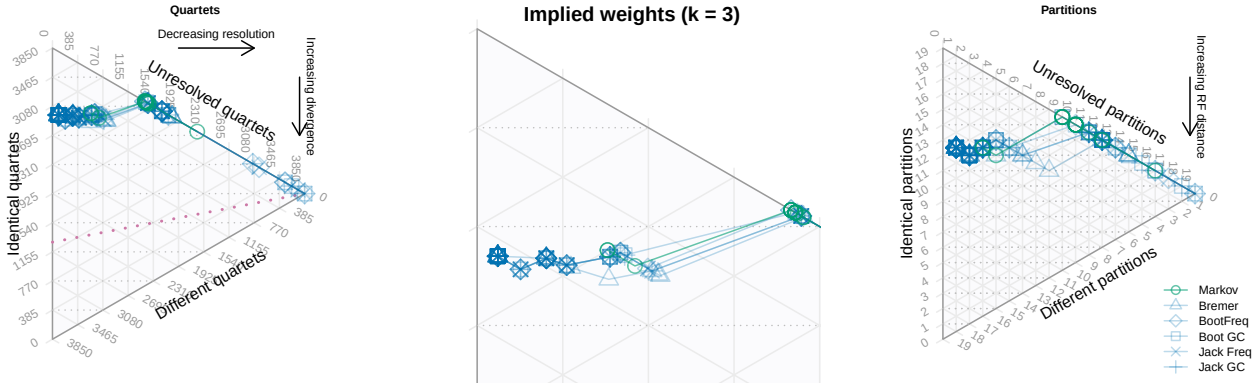

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

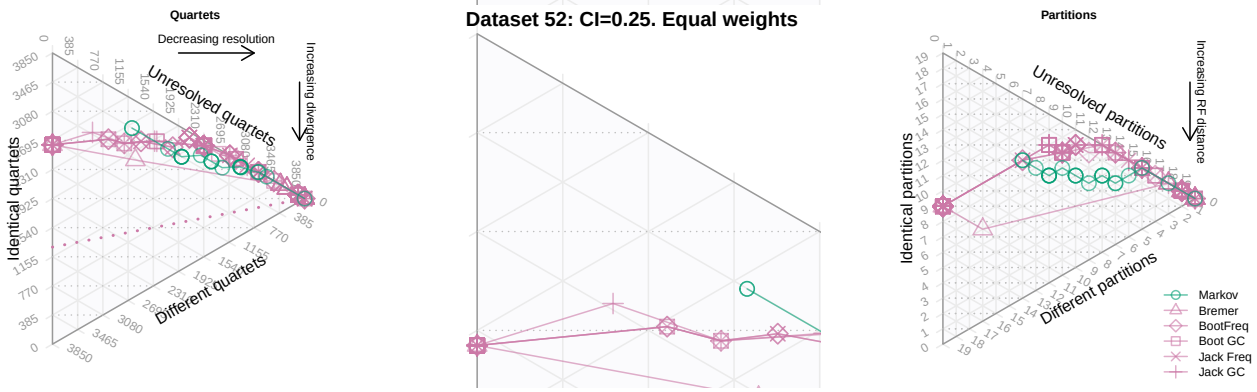

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 50: CI=0.25. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

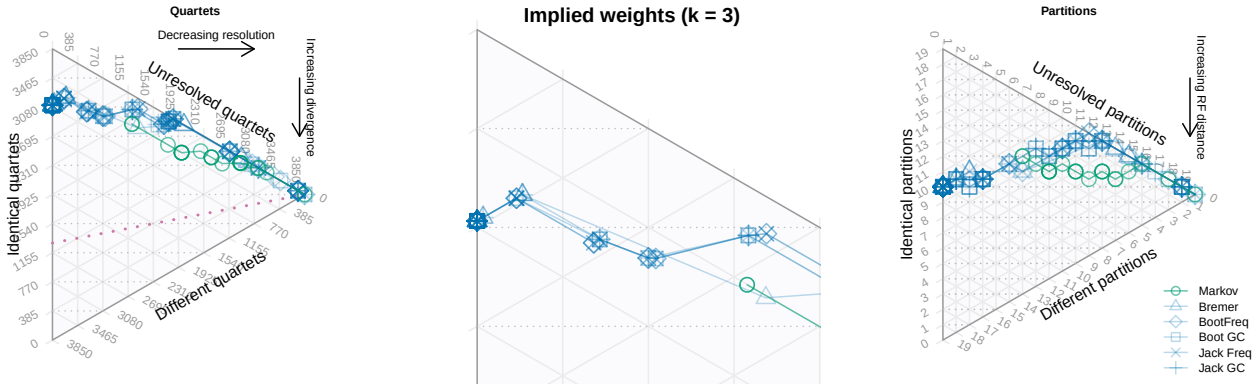

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

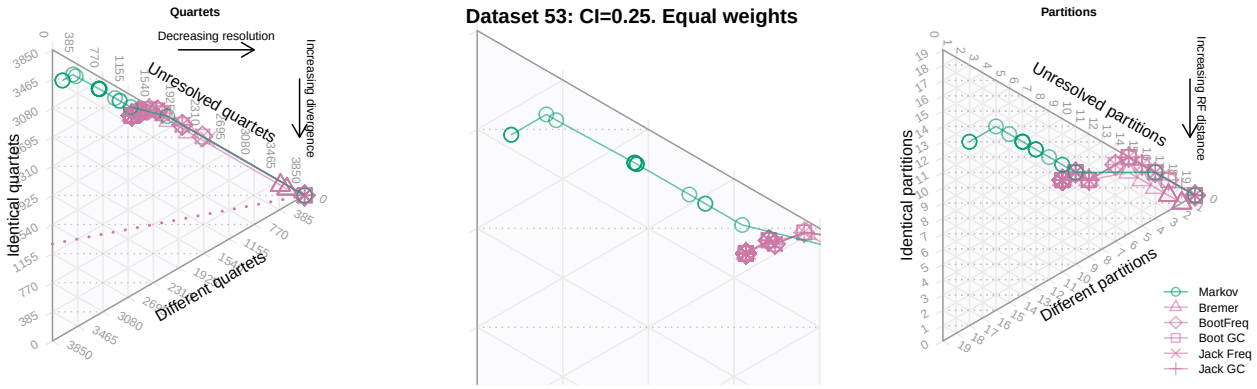
0.7 Trees 51–60

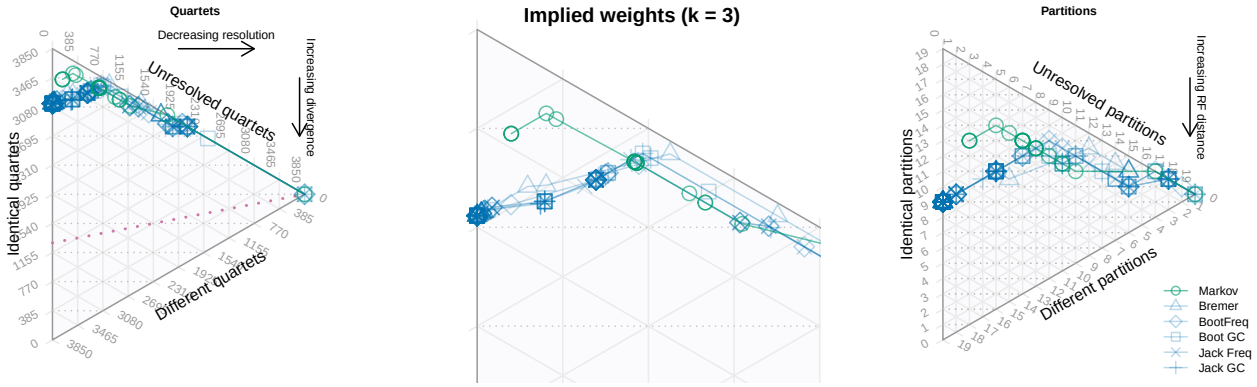


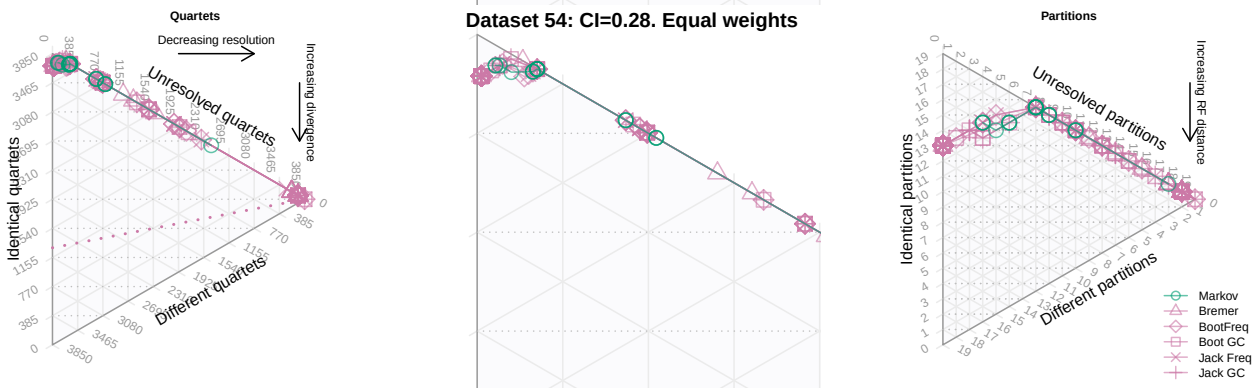


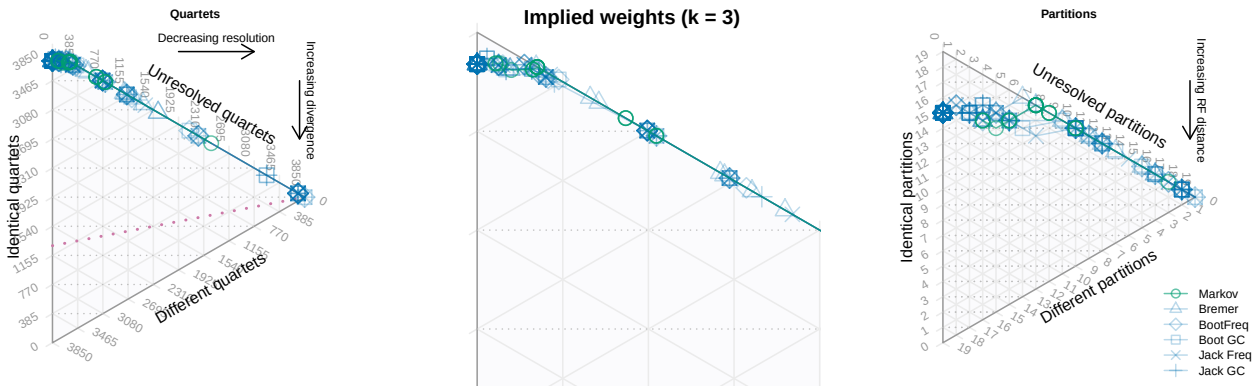


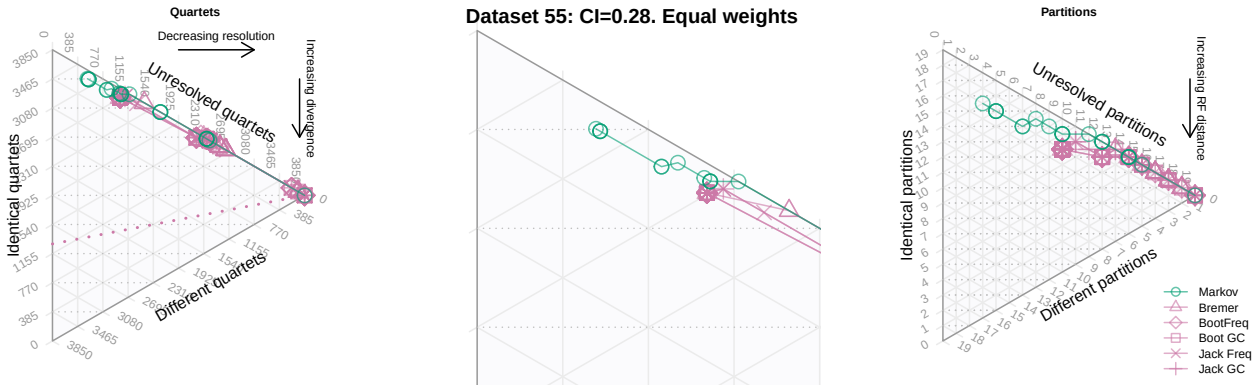


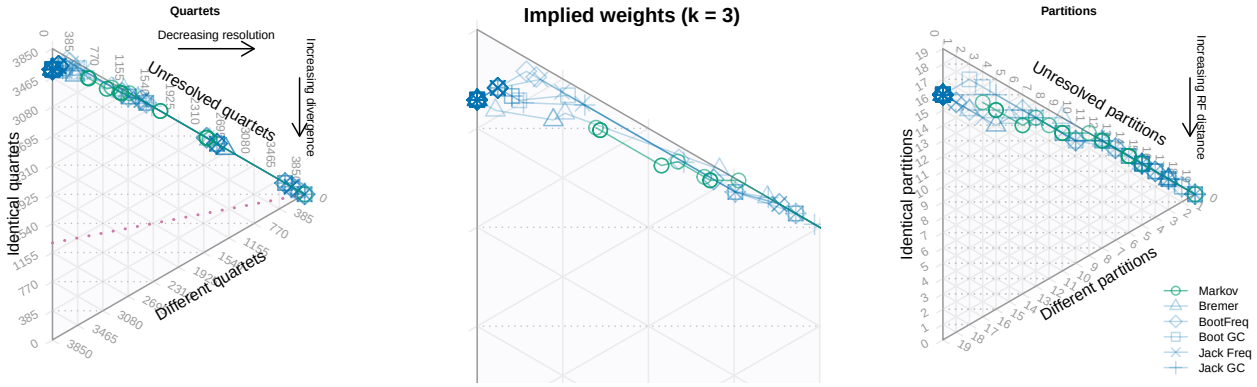

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 53: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

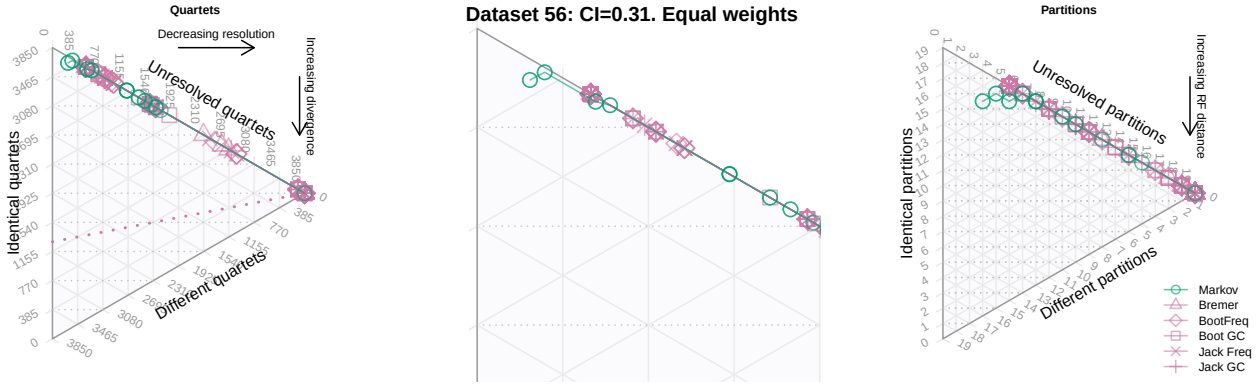

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

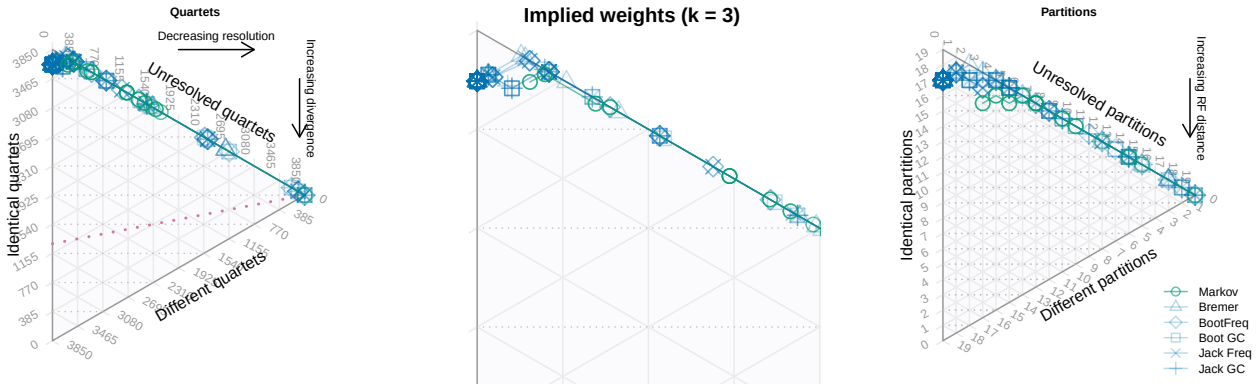

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 54: CI=0.28. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

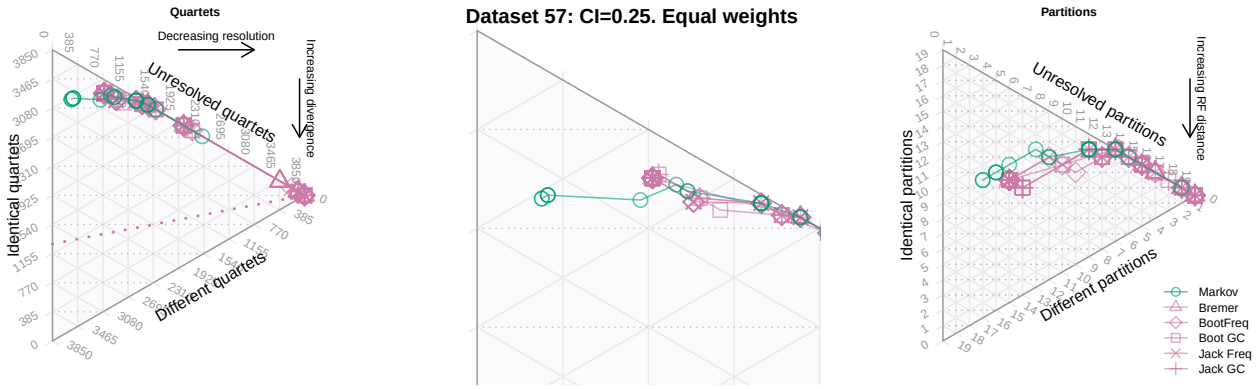

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

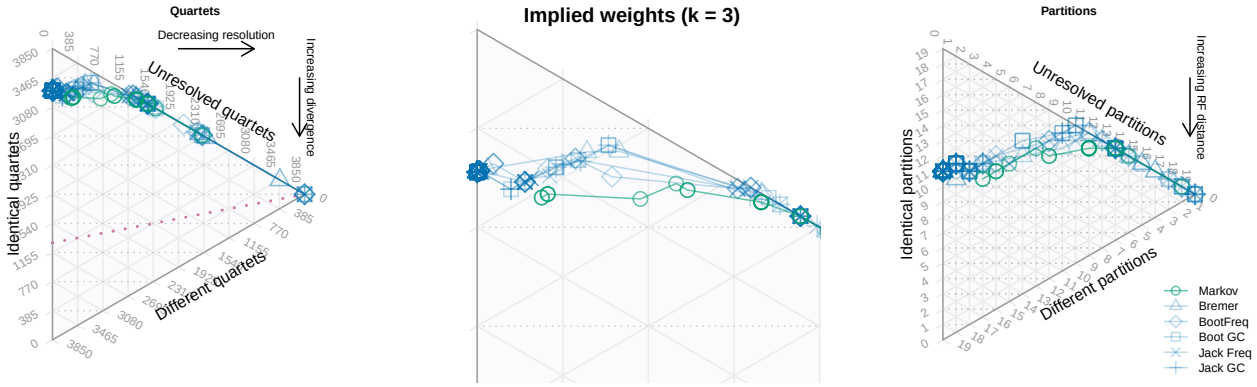

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 55: CI=0.28. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

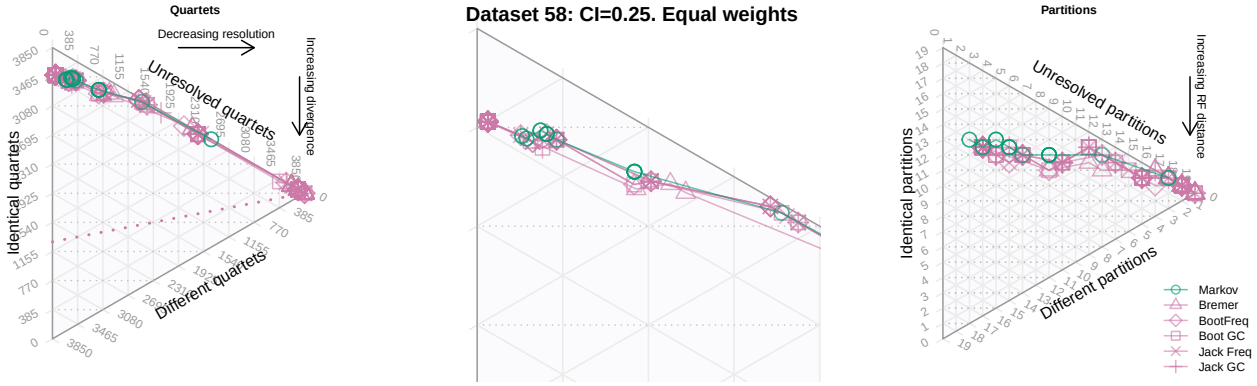

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

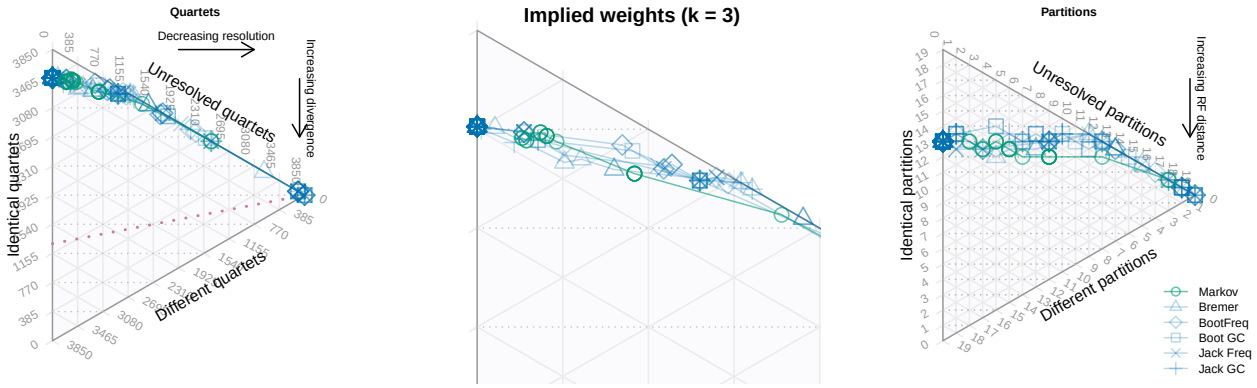

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 56: CI=0.31. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

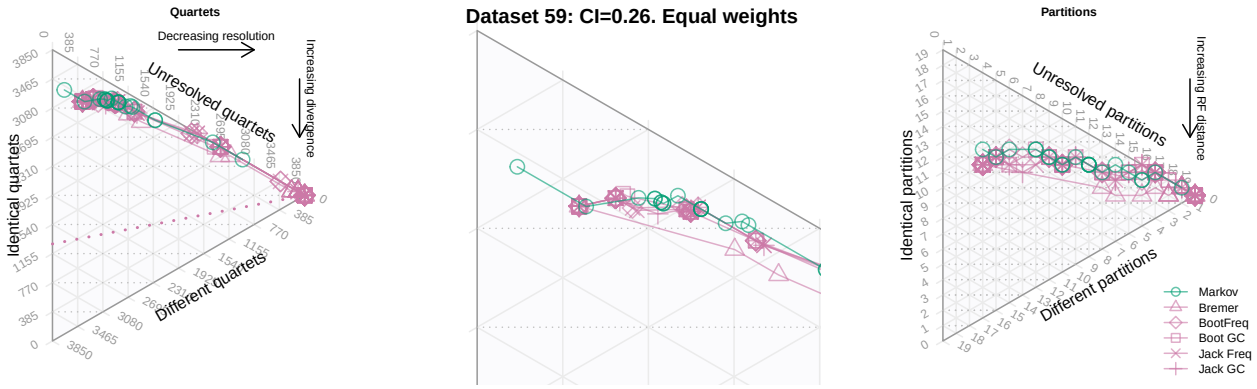

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

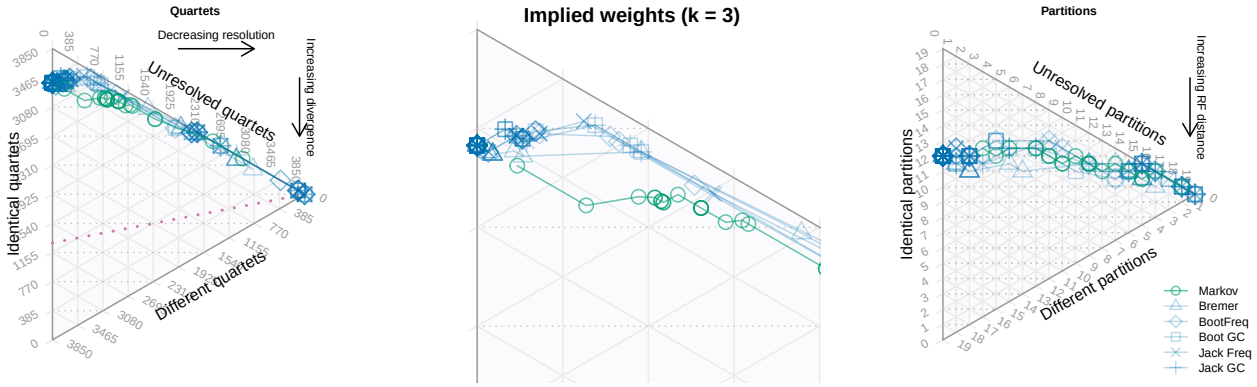

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 57: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

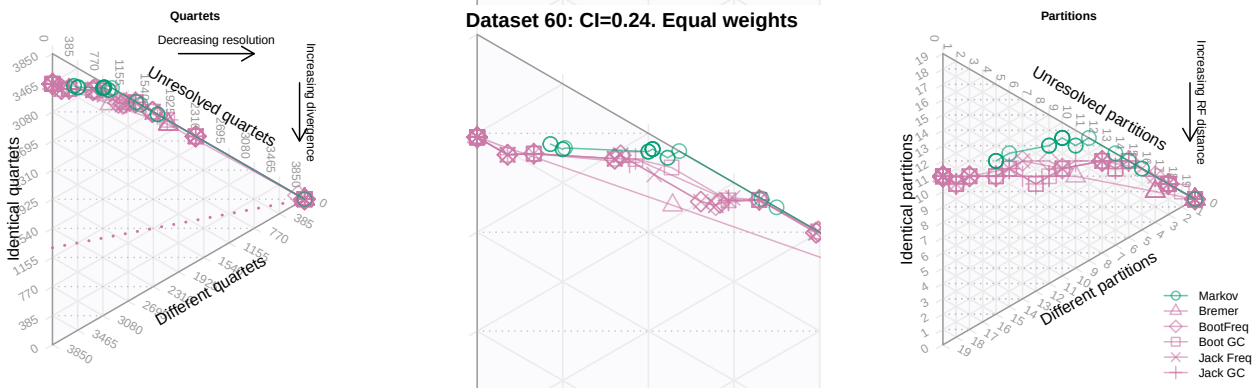

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

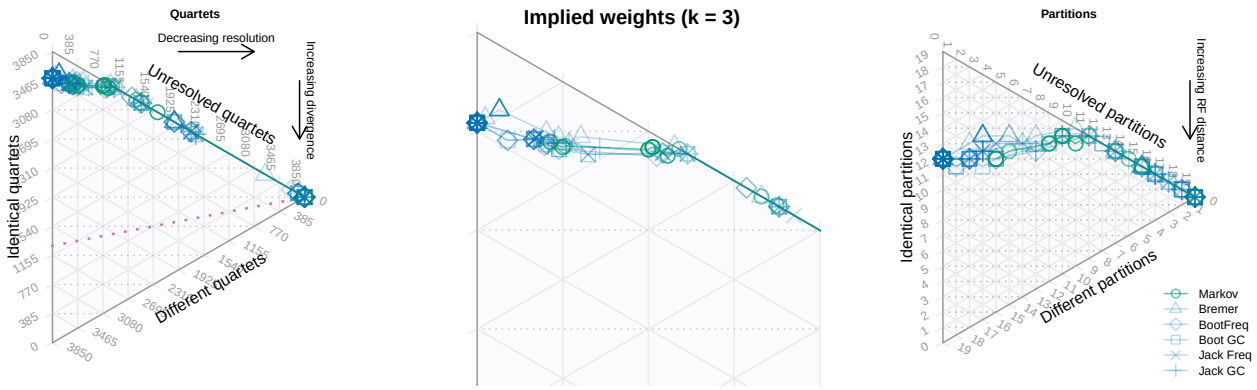

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 58: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

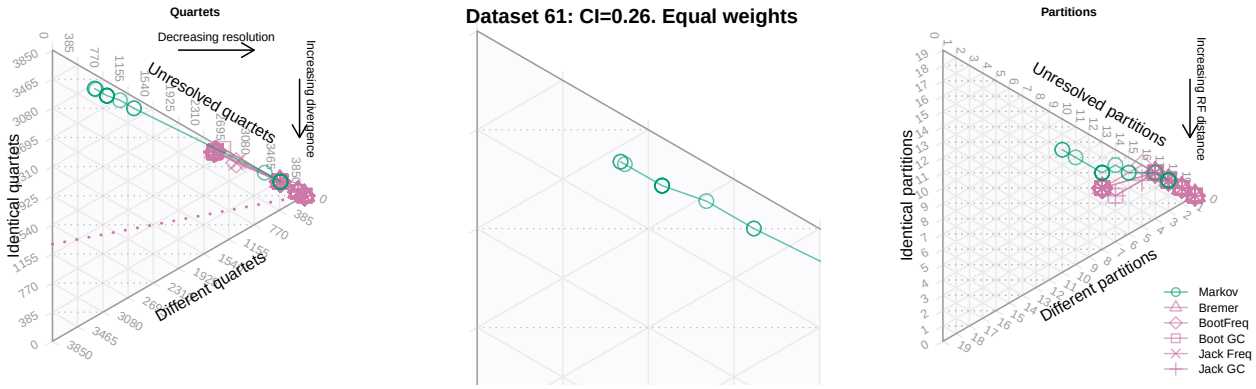

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 59: CI=0.26. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

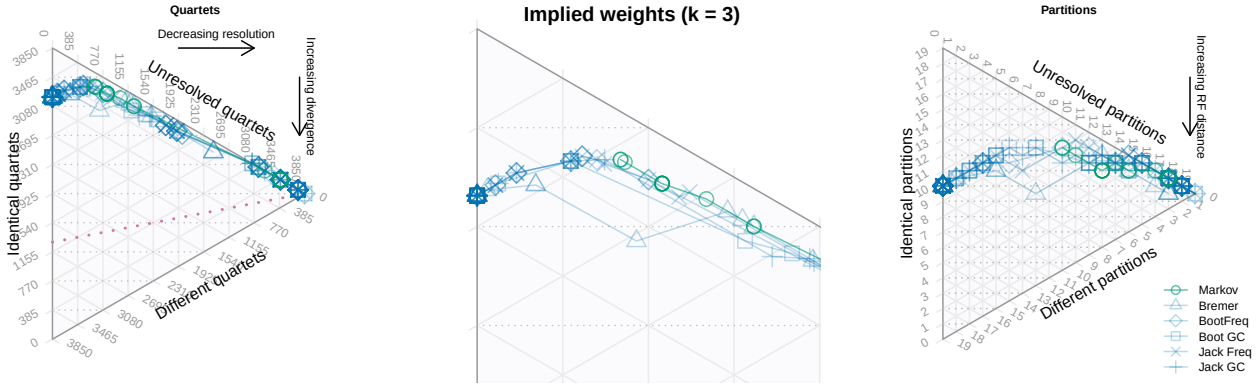

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

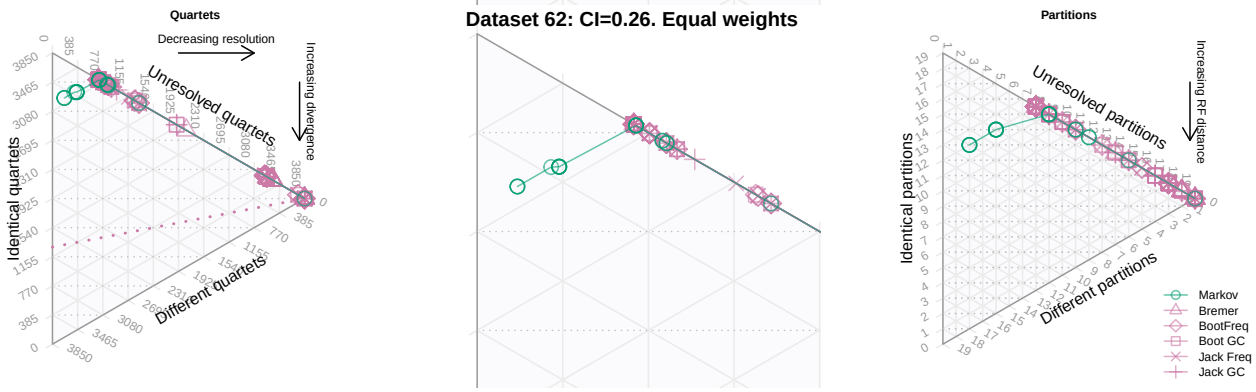

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 60: CI=0.24. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

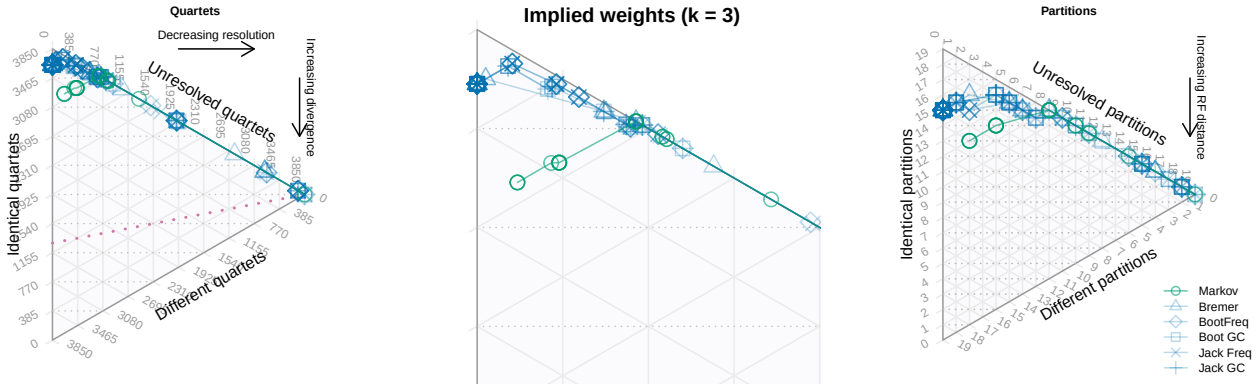

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

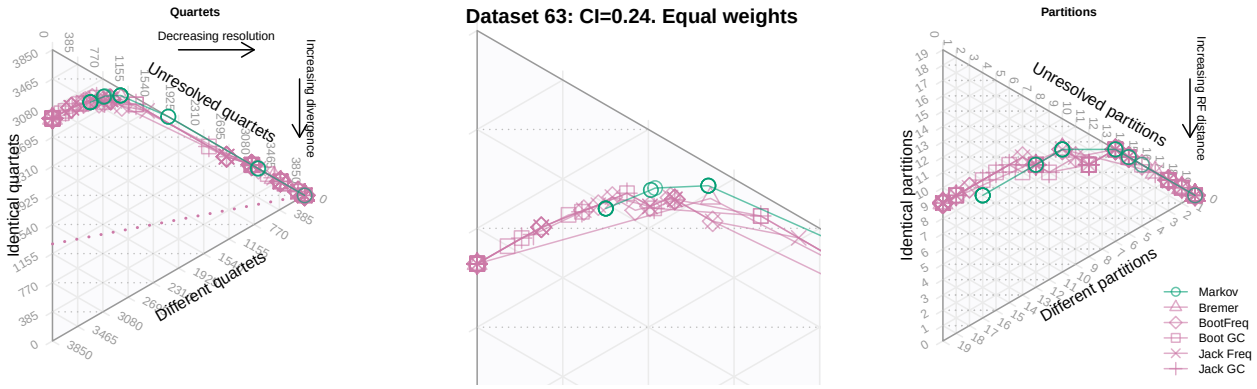
0.8 Trees 61–70

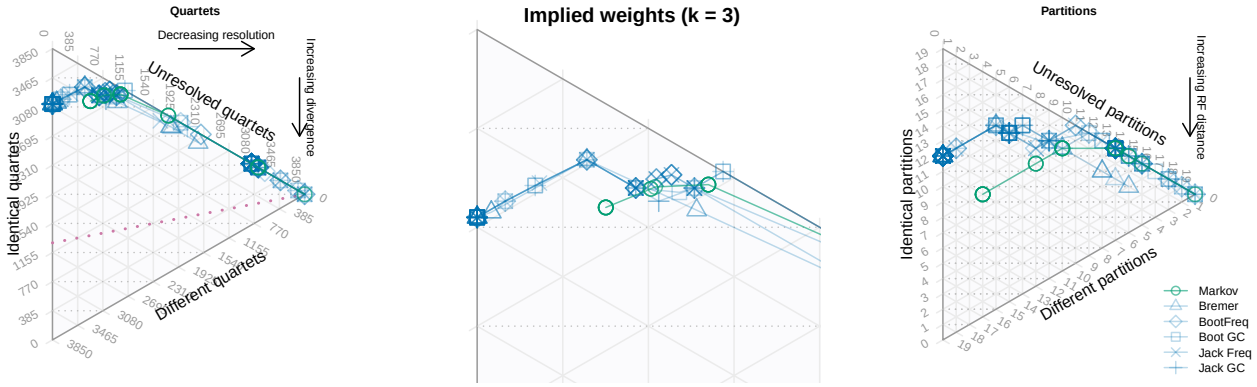


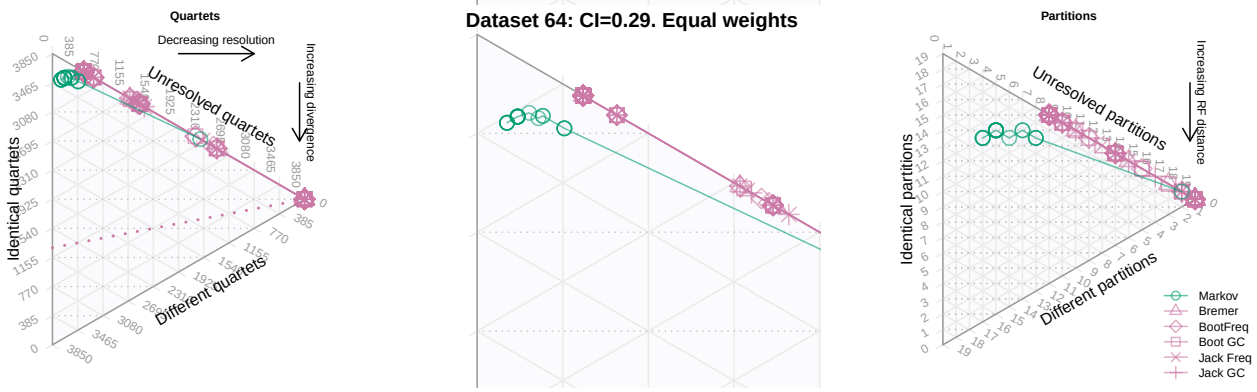


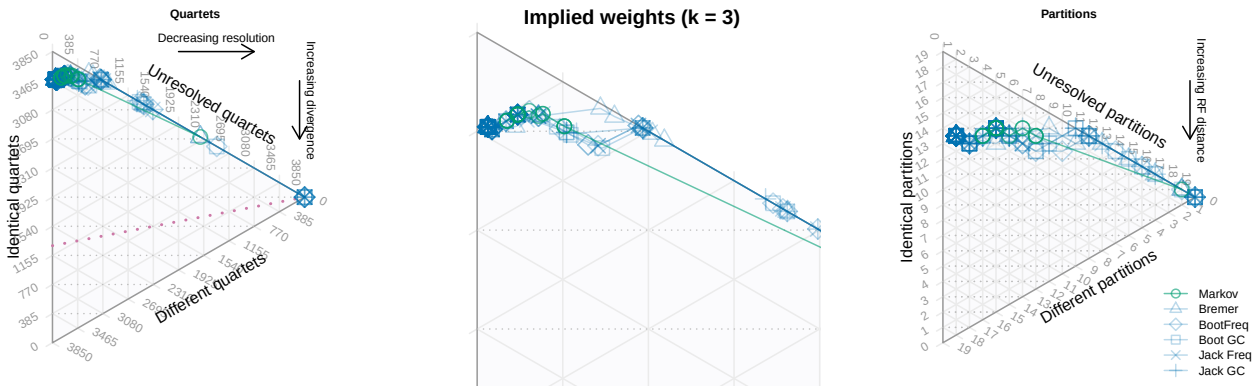


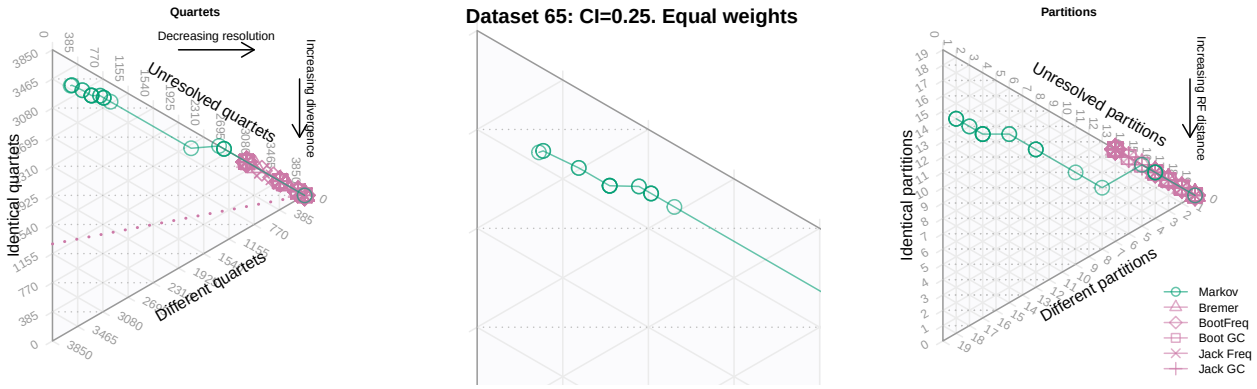


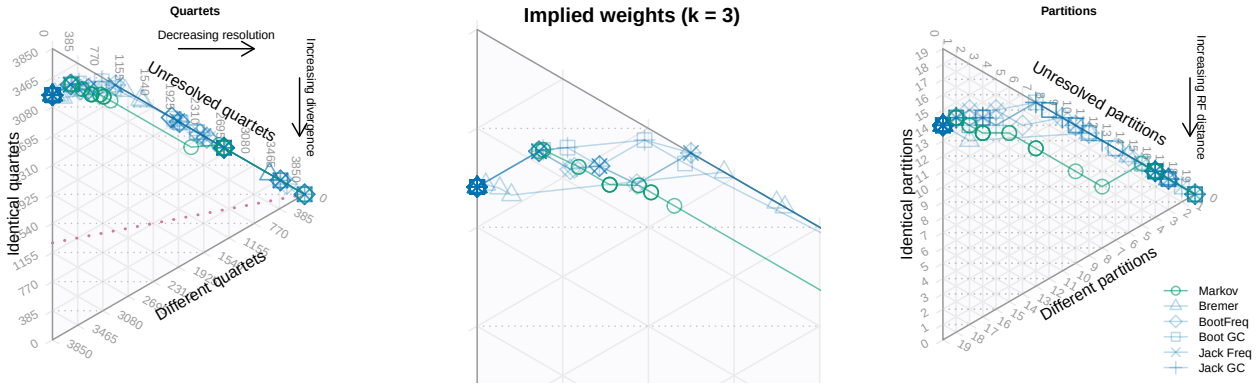

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 63: CI=0.24. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

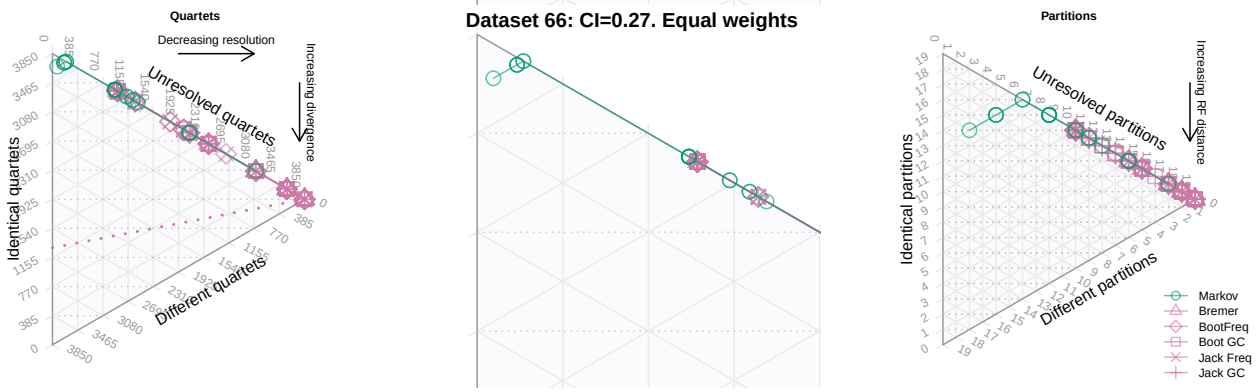

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

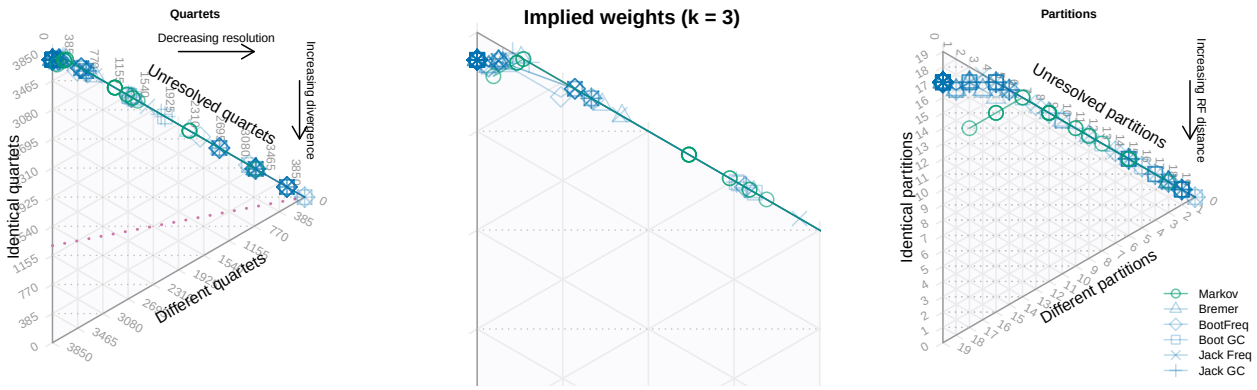

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 64: CI=0.29. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

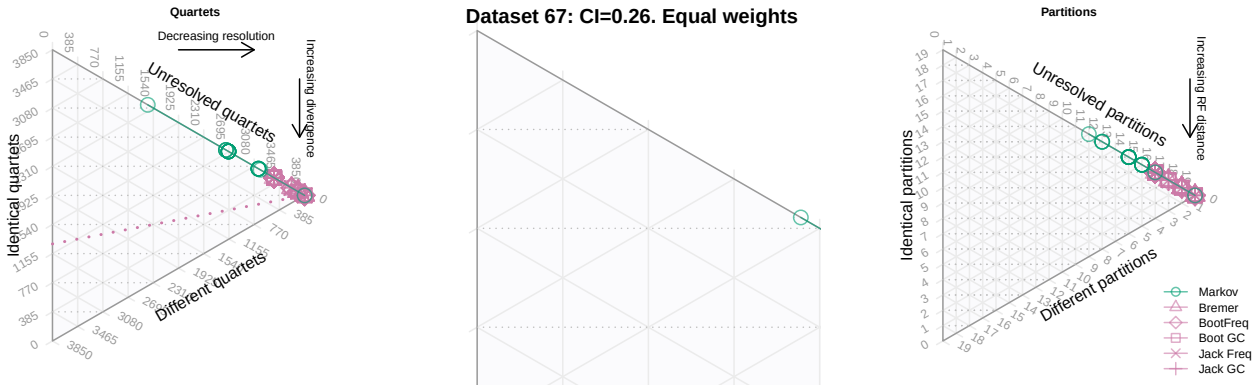

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

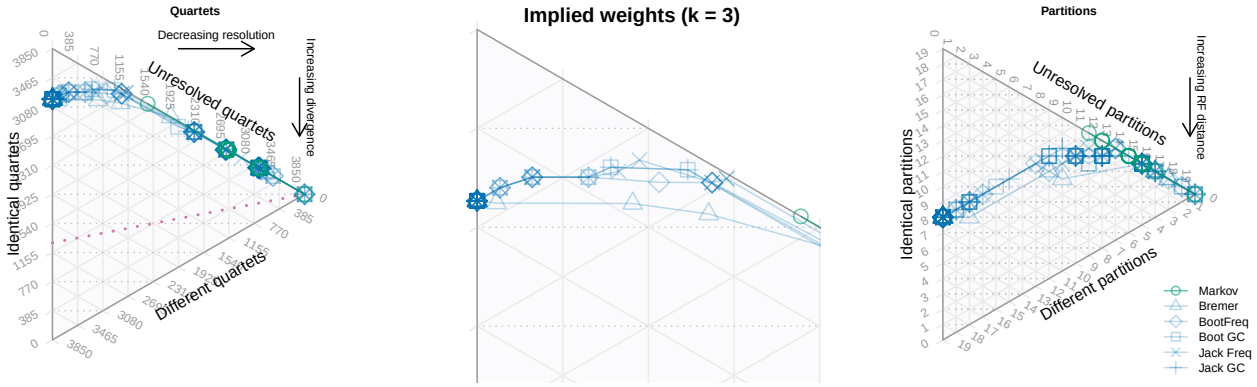

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 65: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

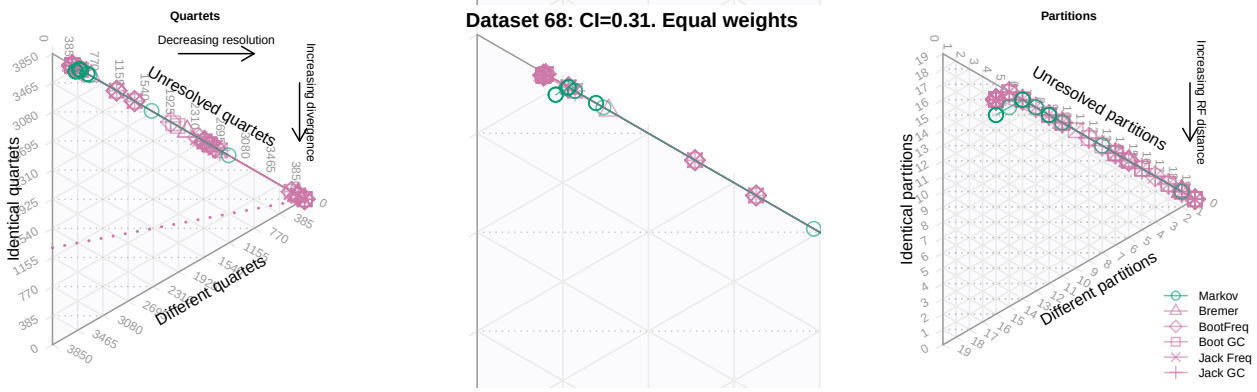

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

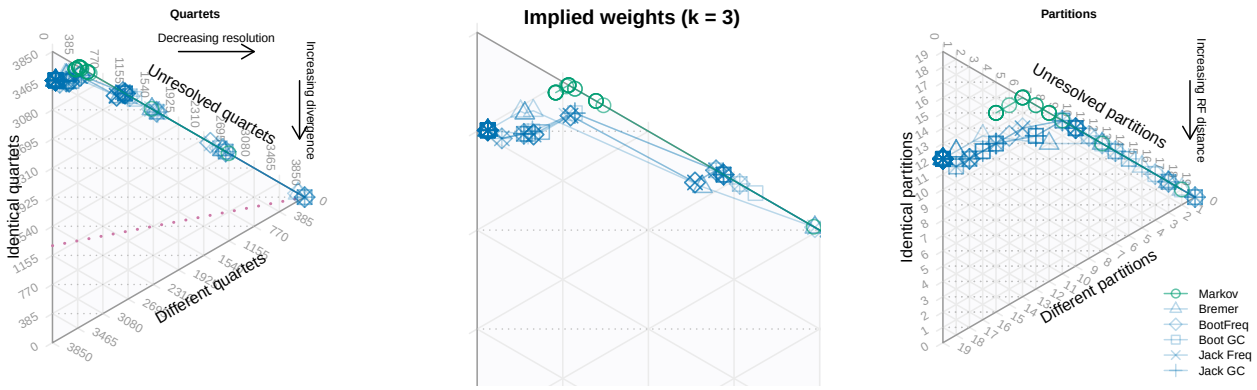

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 66: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

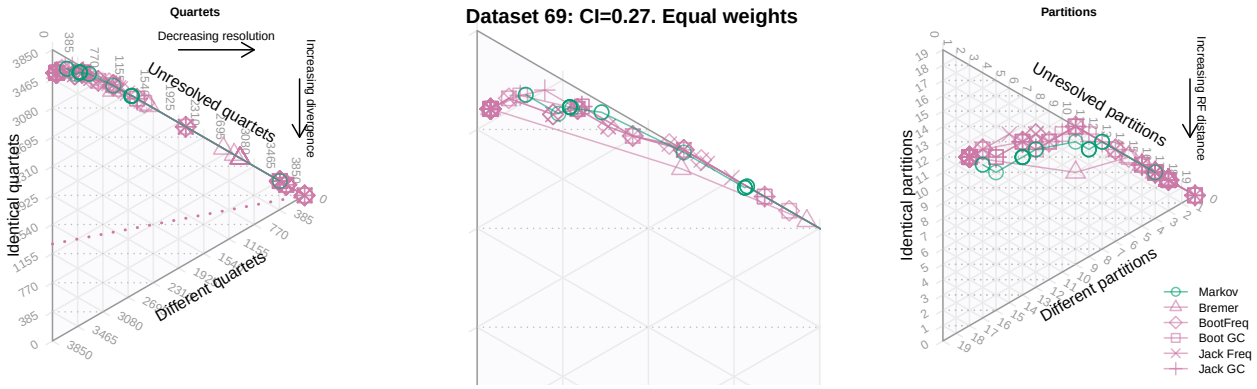

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

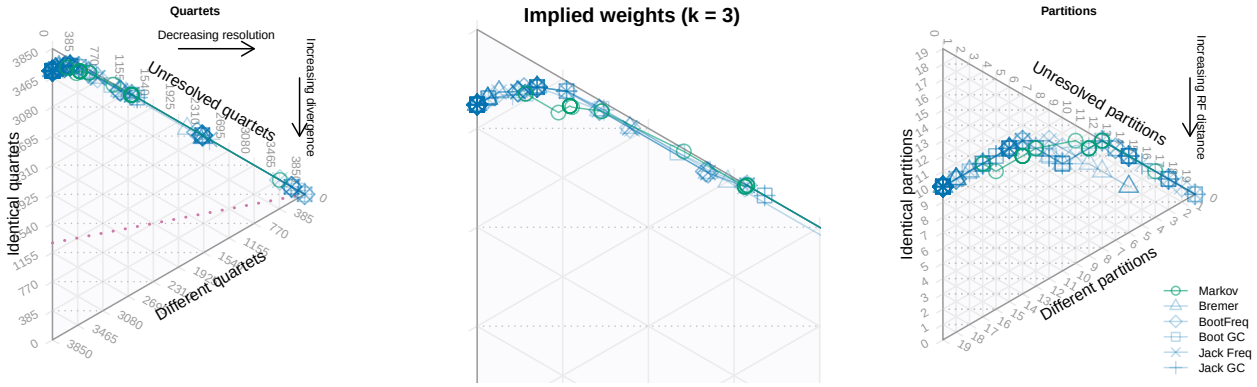

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 67: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

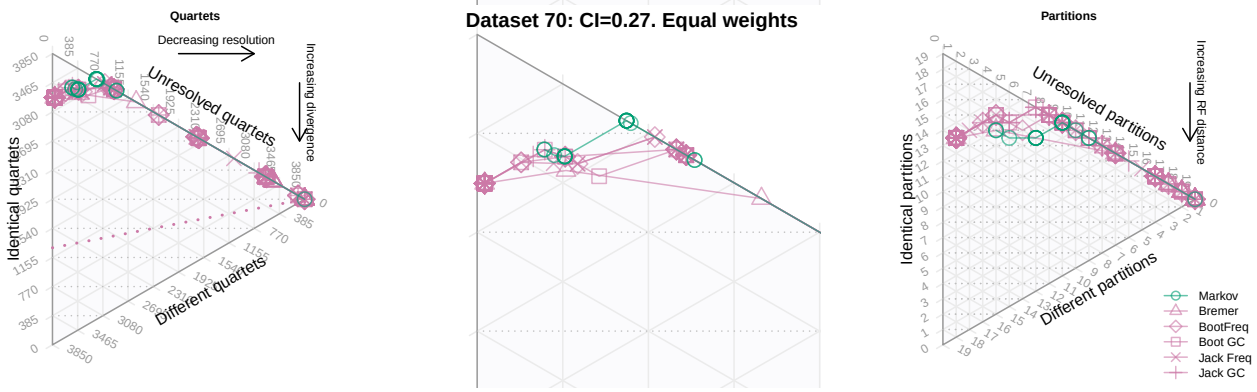

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

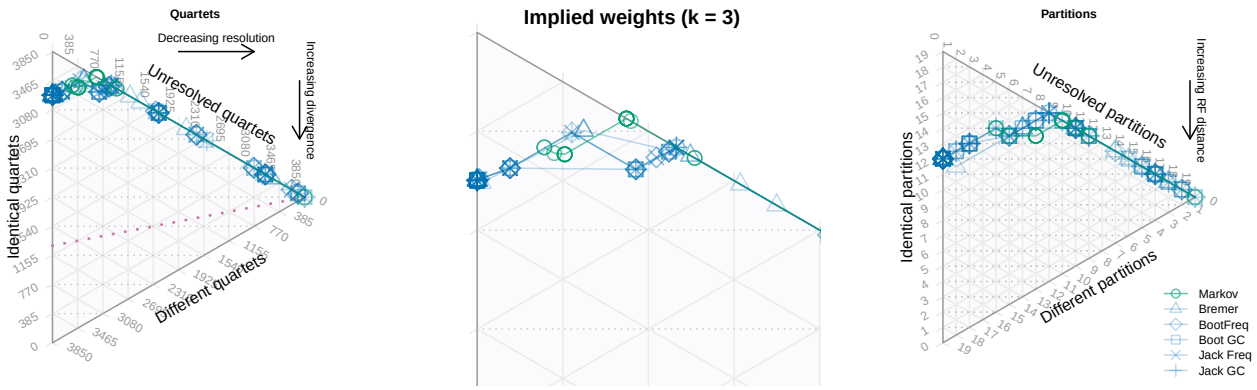

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 68: CI=0.31. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

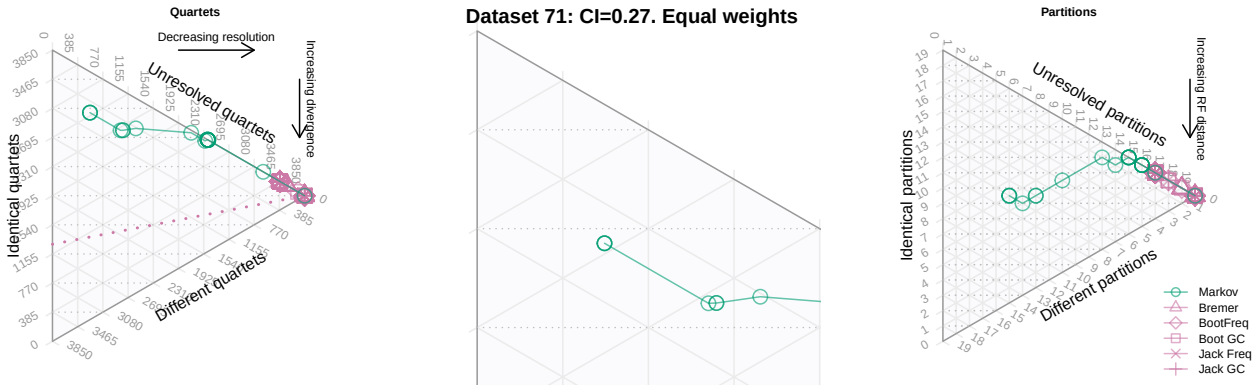

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 69: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

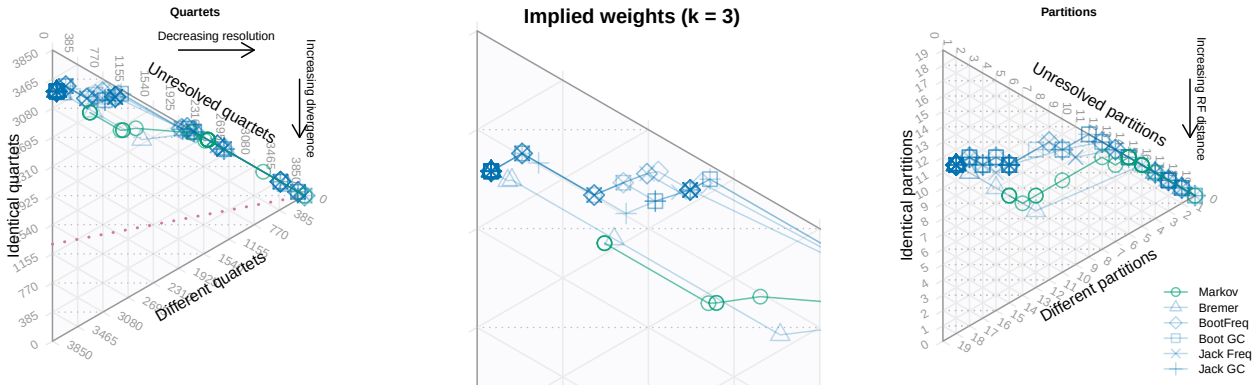

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

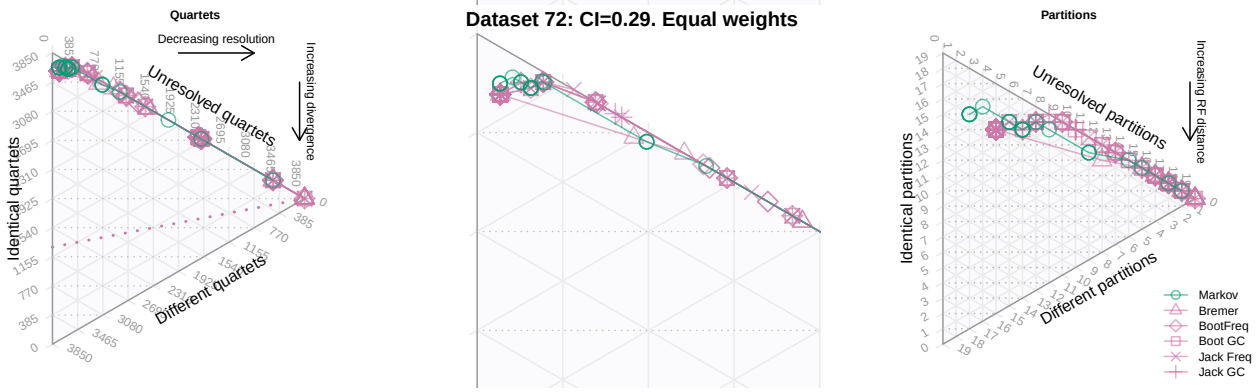

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 70: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

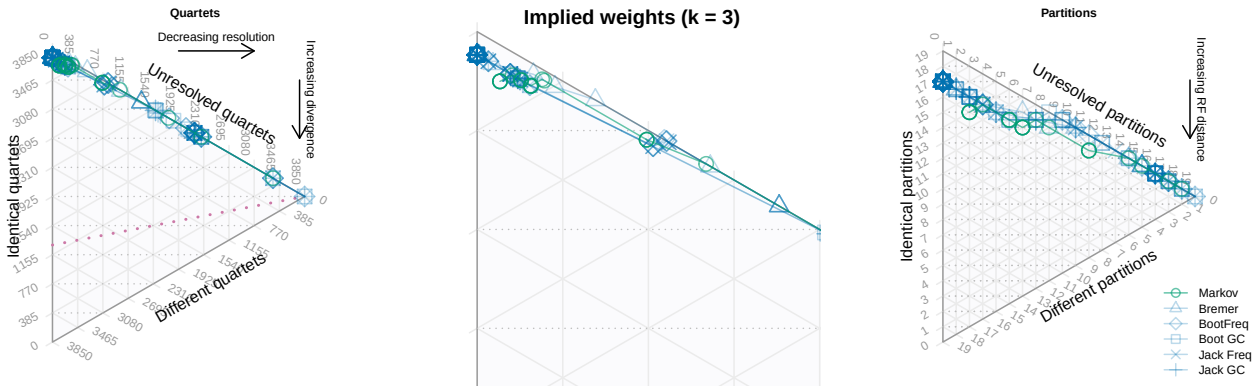

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

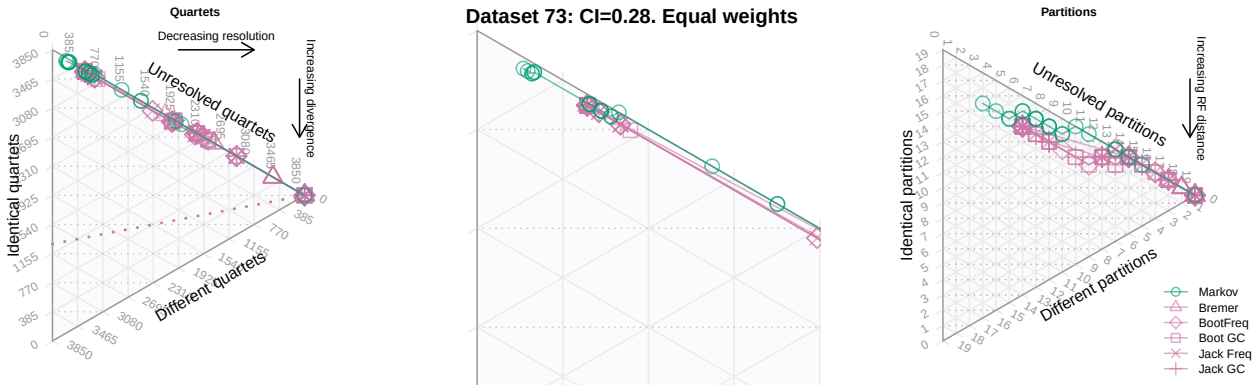
0.9 Trees 71–80

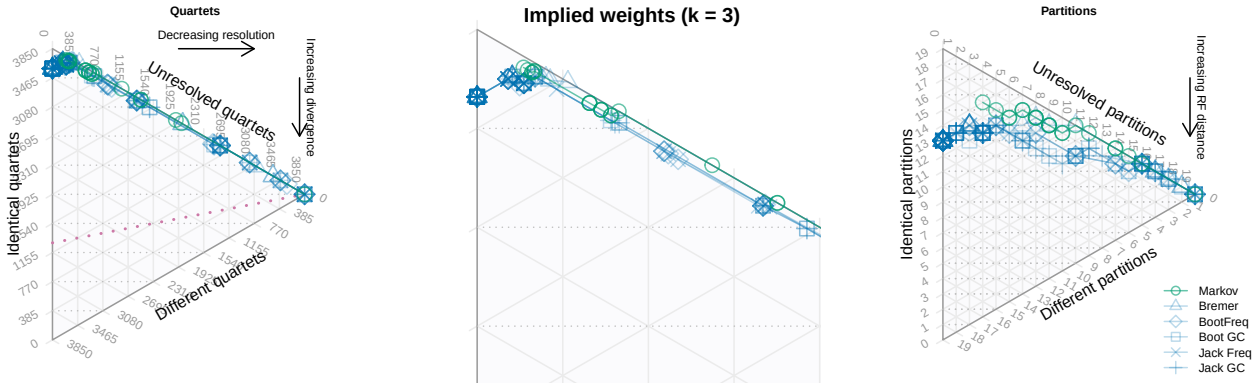


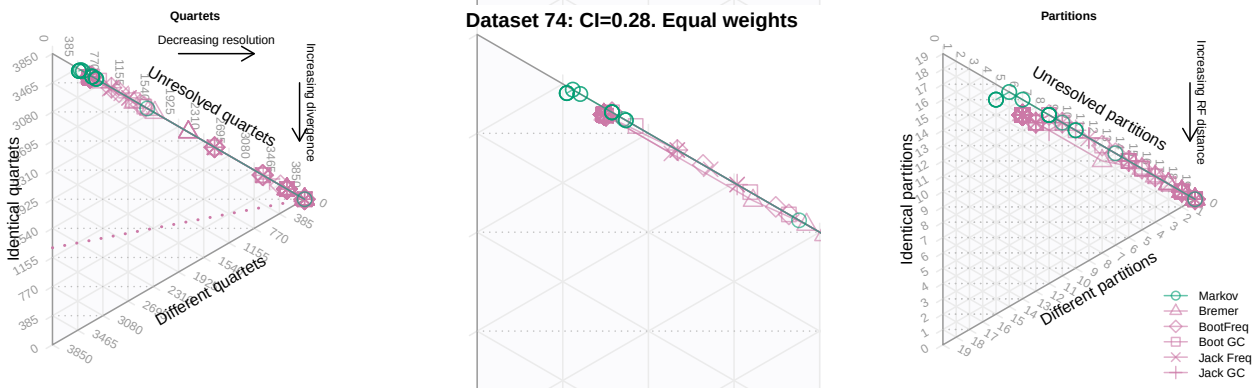


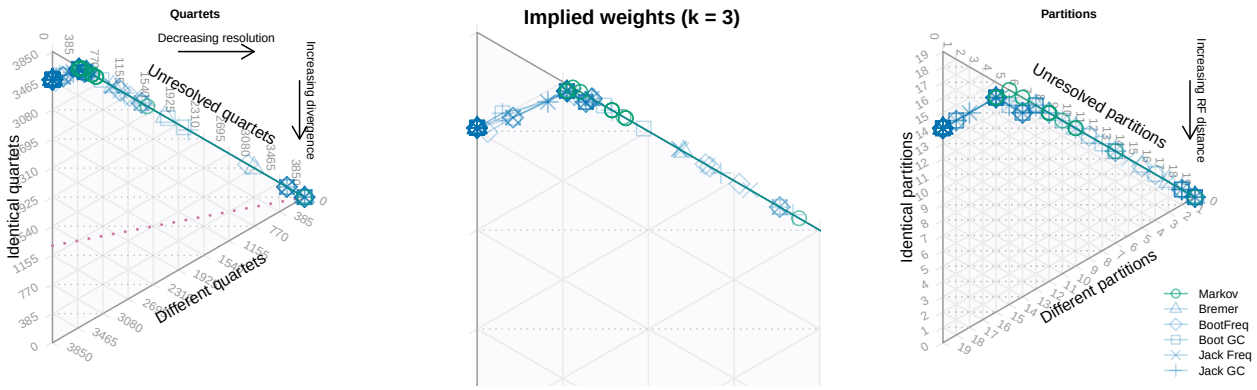


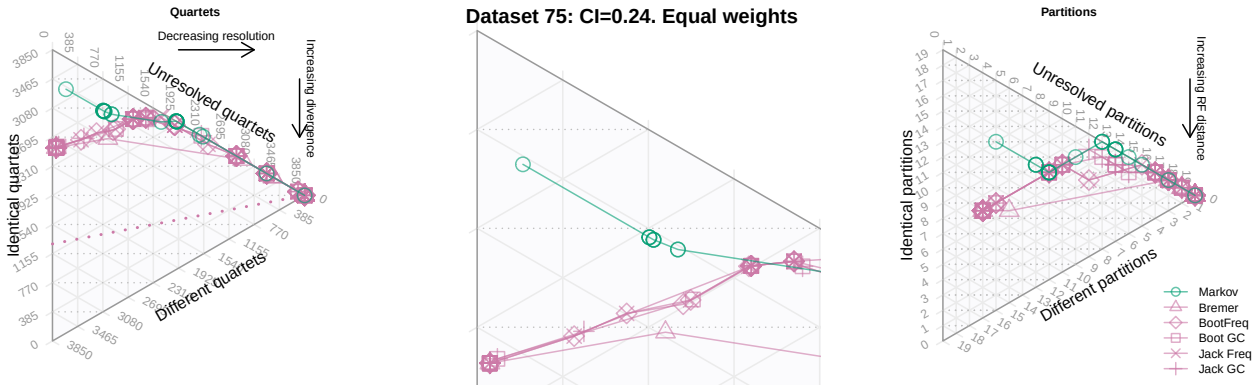


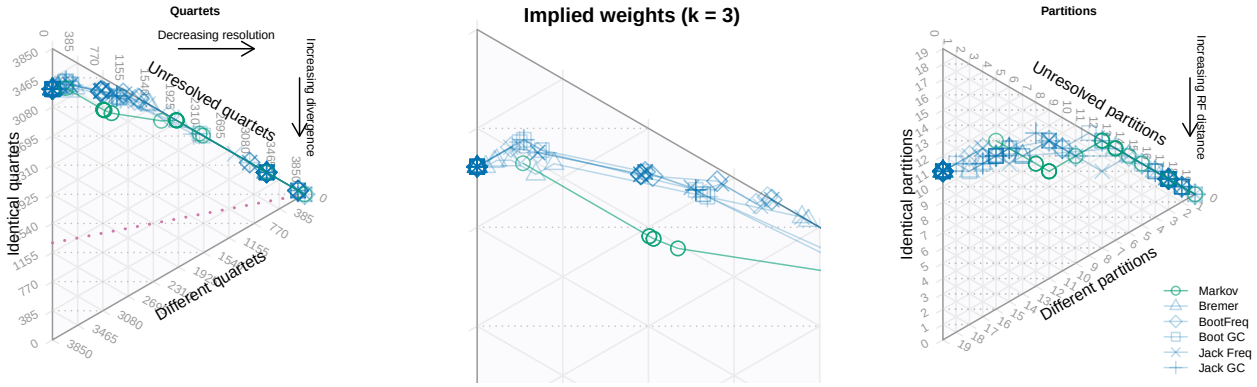

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 73: CI=0.28. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

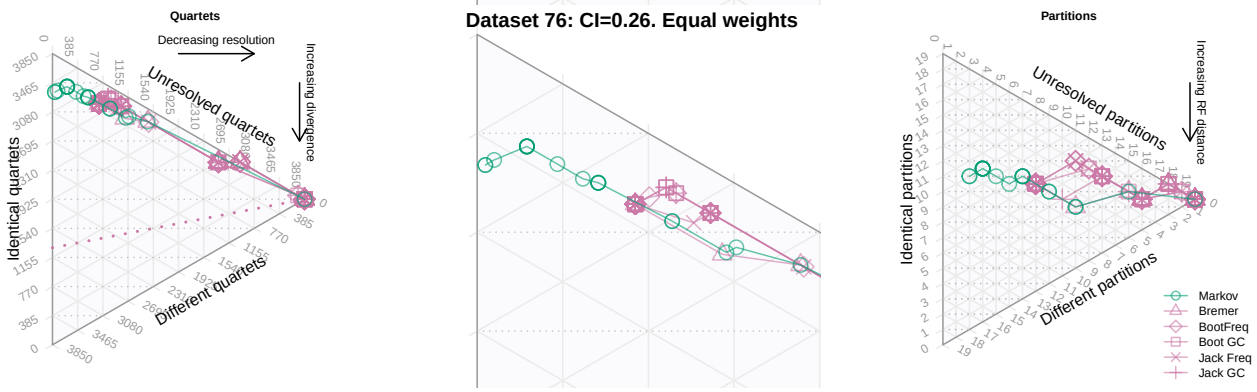

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

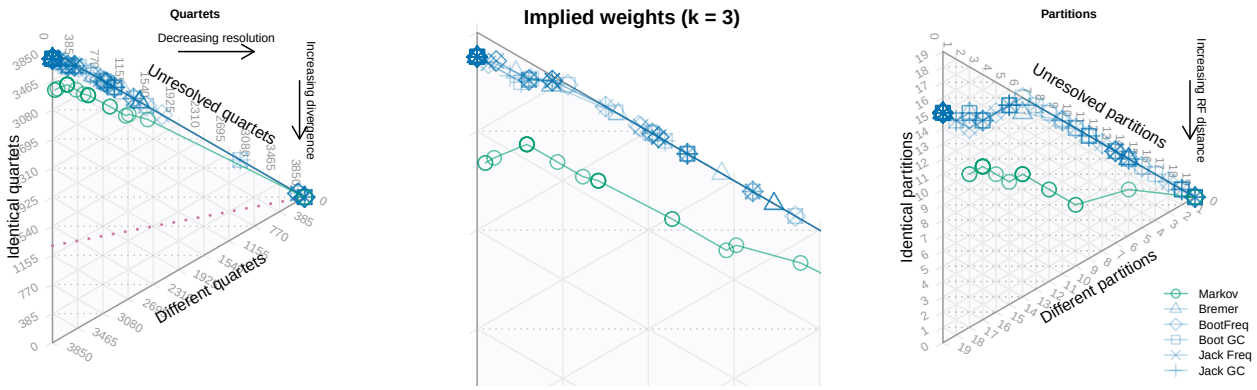

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 74: CI=0.28. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

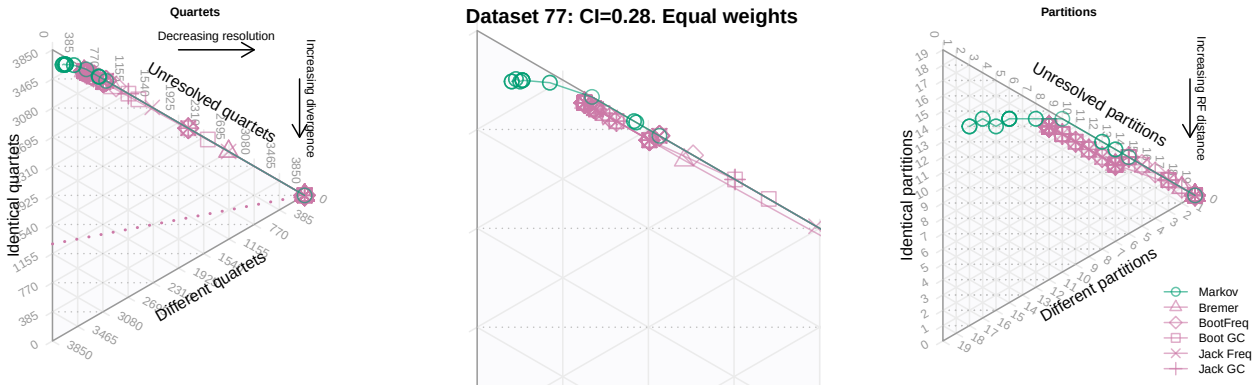

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

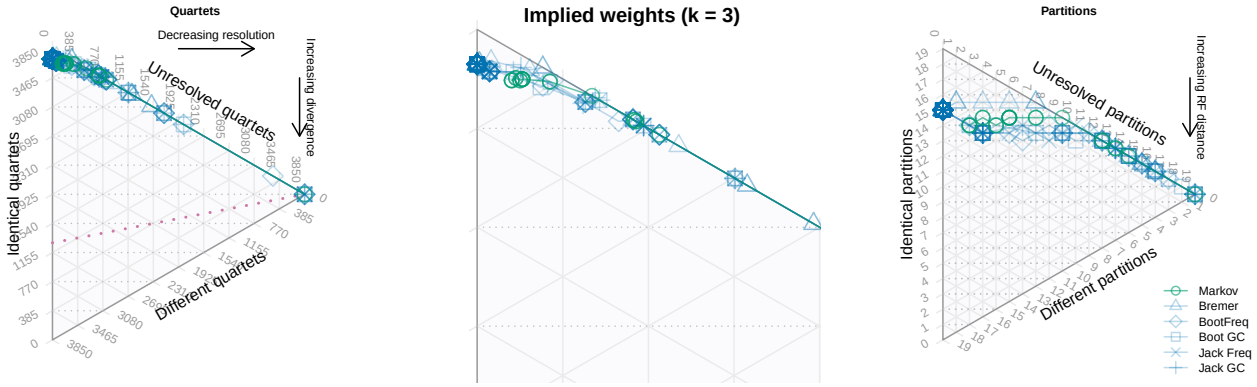

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 75: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

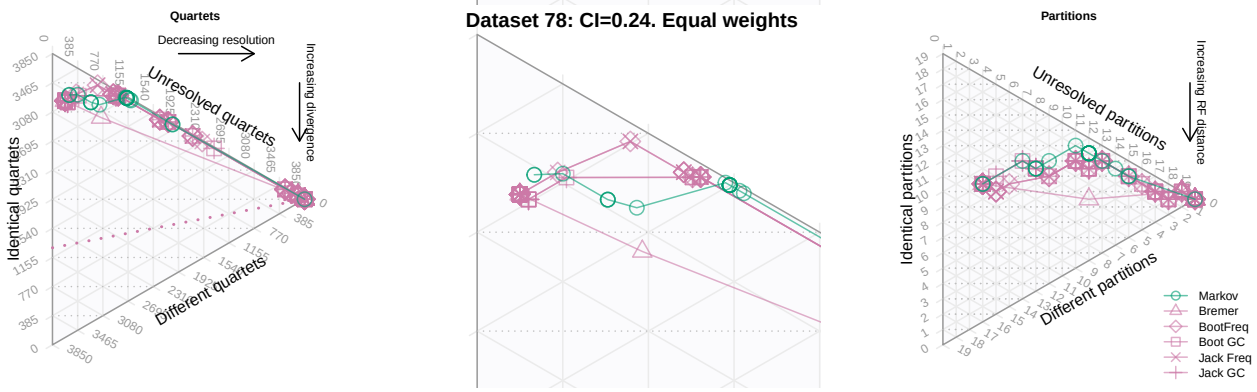

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

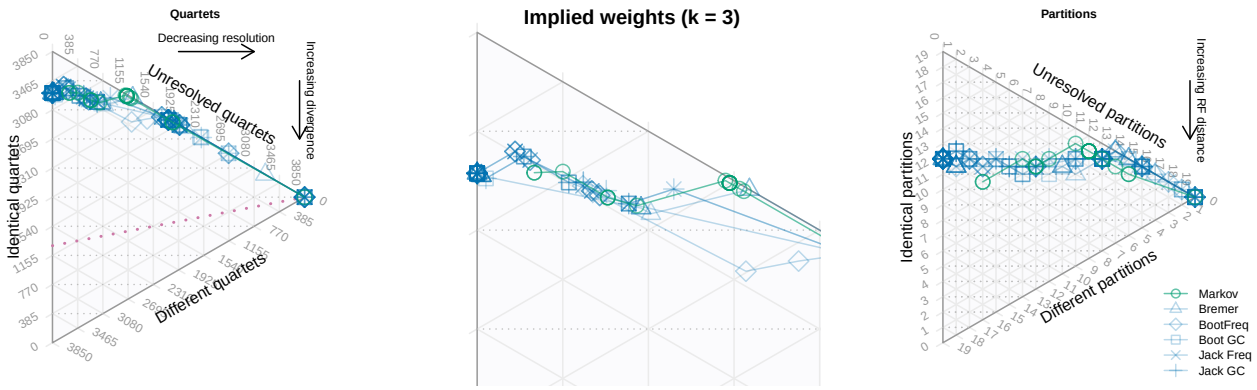

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 76: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

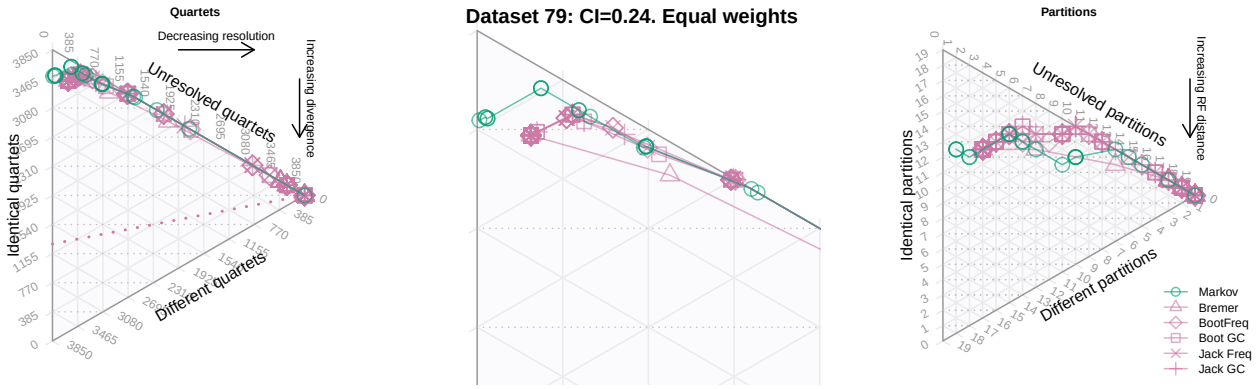

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

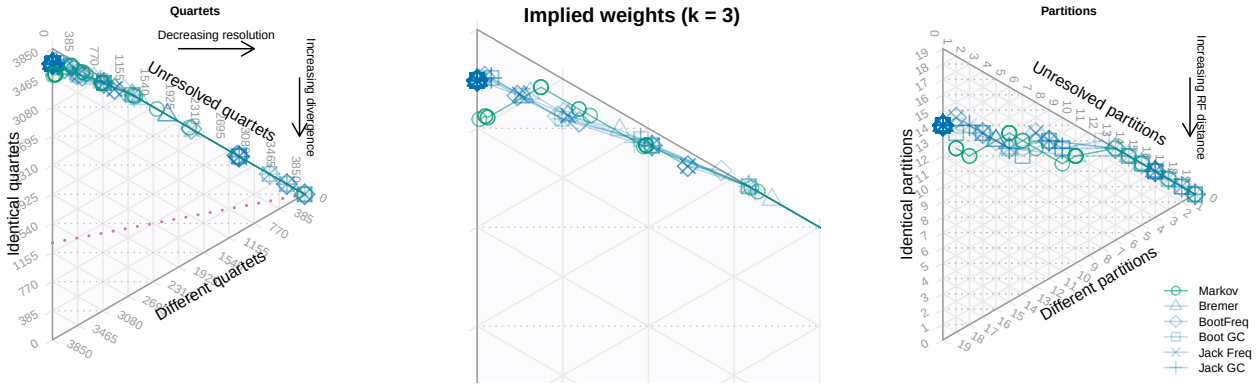

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 77: CI=0.28. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

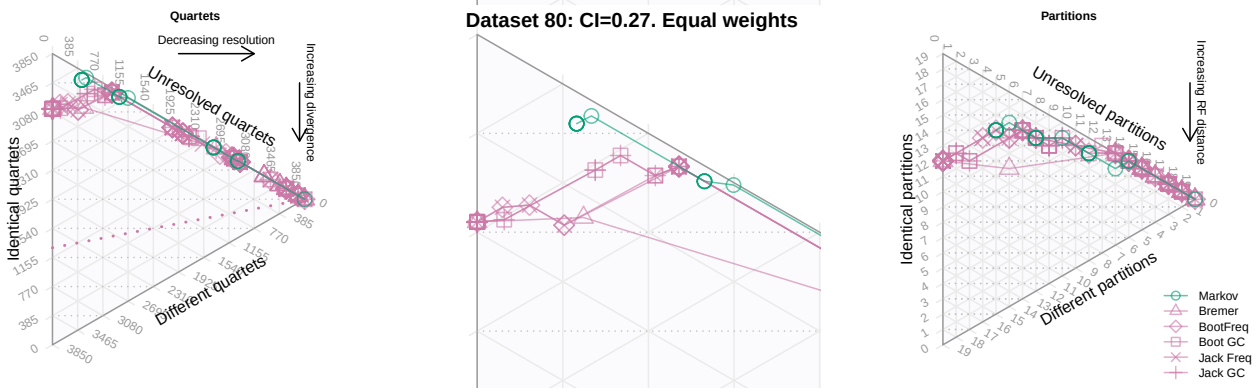

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

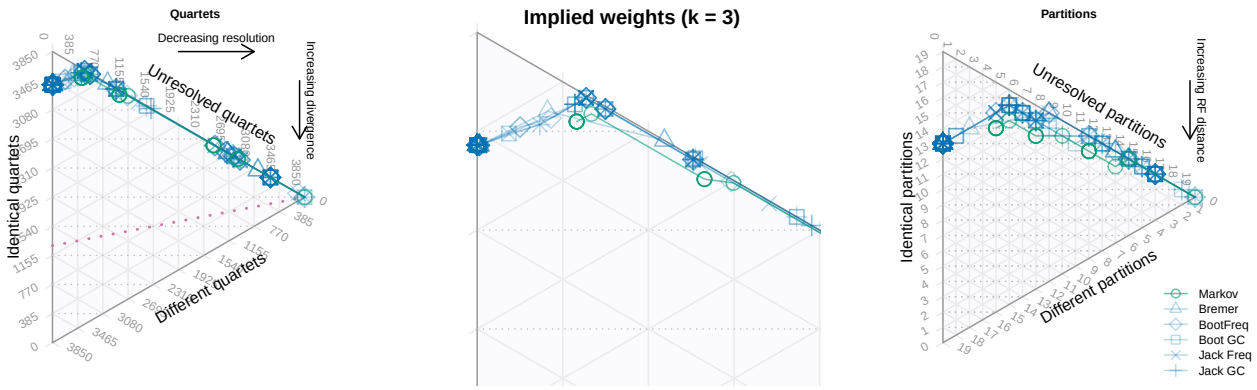

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 78: CI=0.24. Equal weights
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Increasing RF distance
Unresolved partitions
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

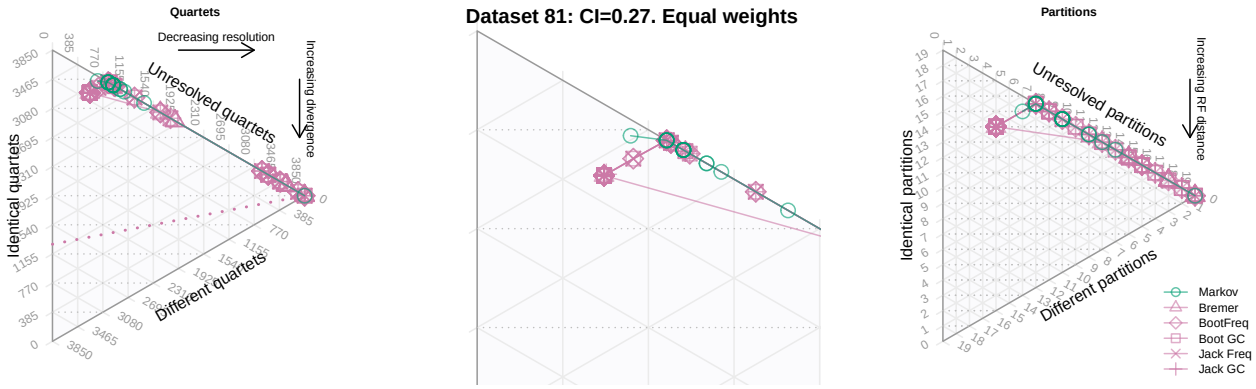

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 79: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

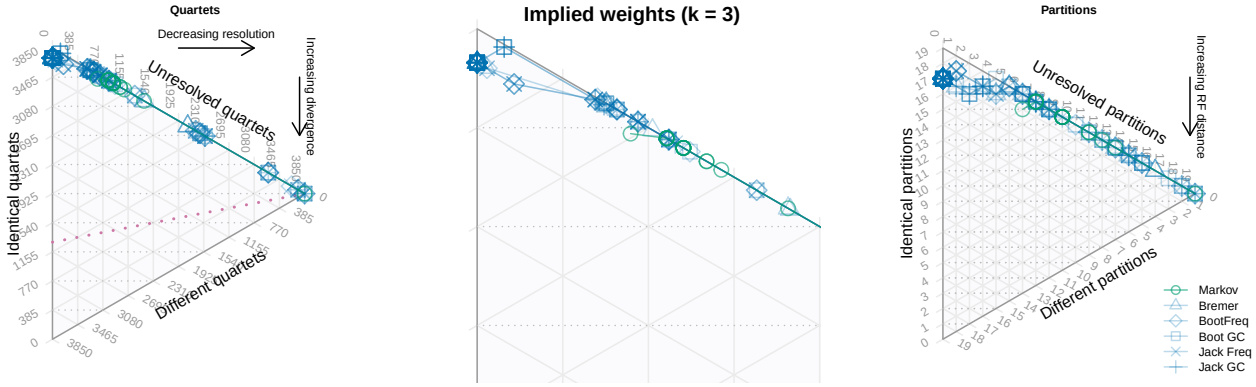

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

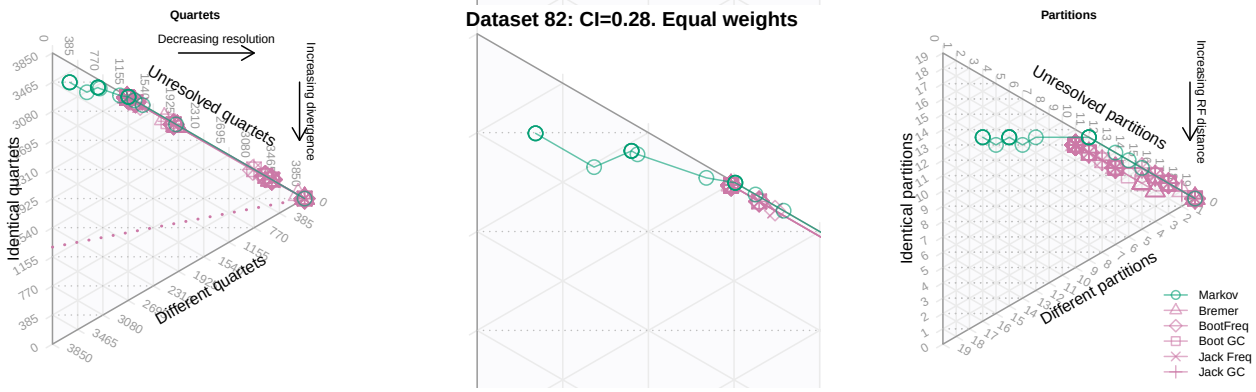

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 80: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

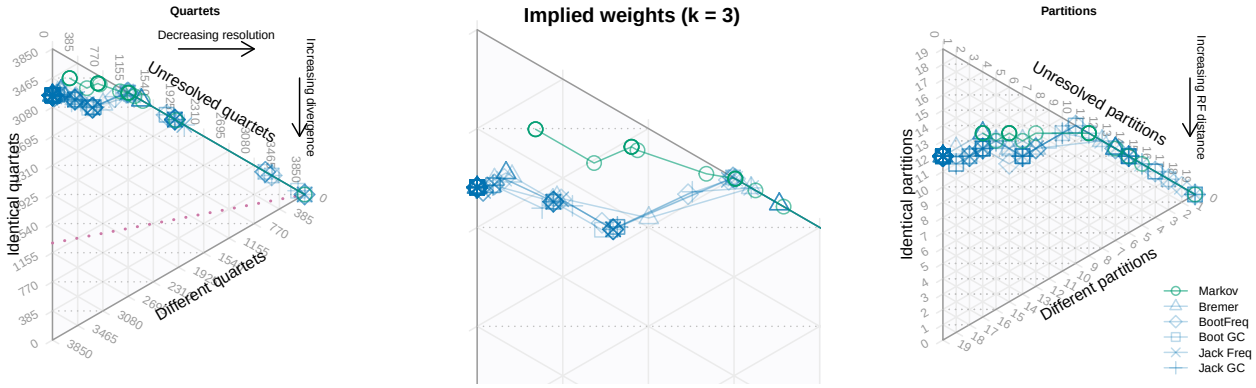

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

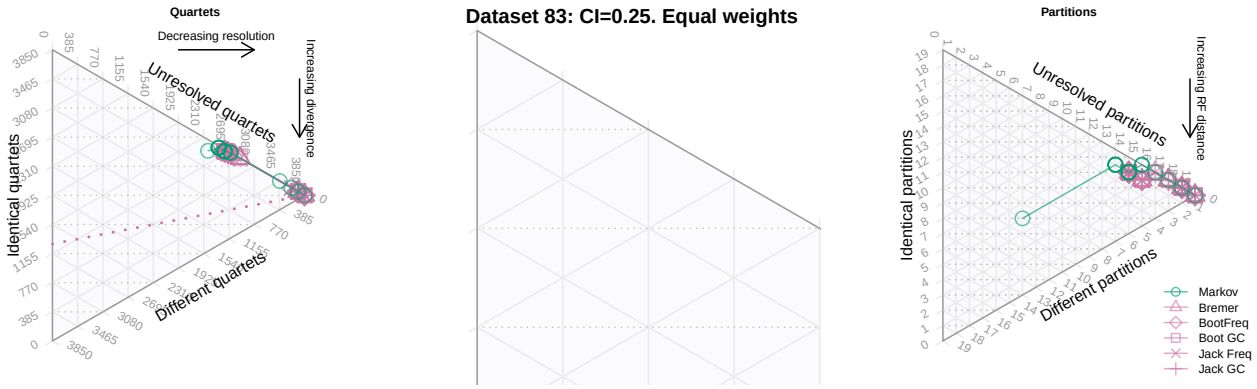
0.10 Trees 81–90

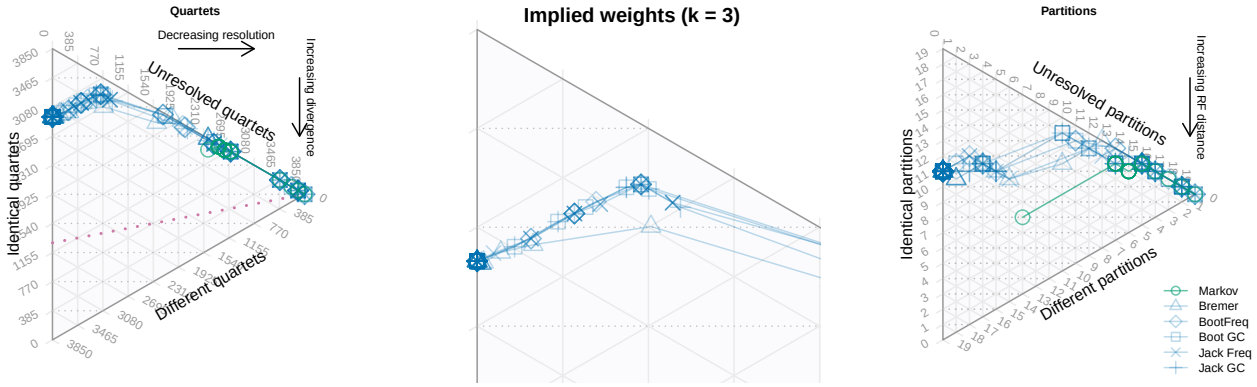


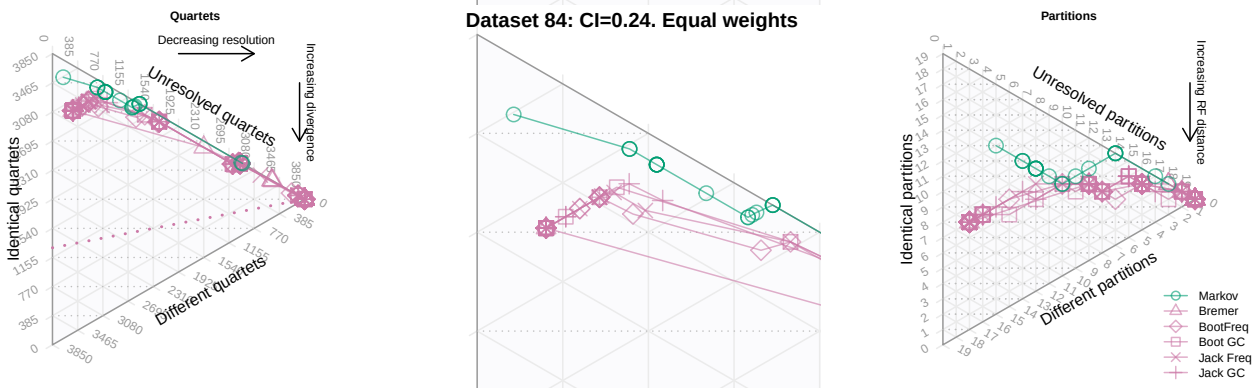


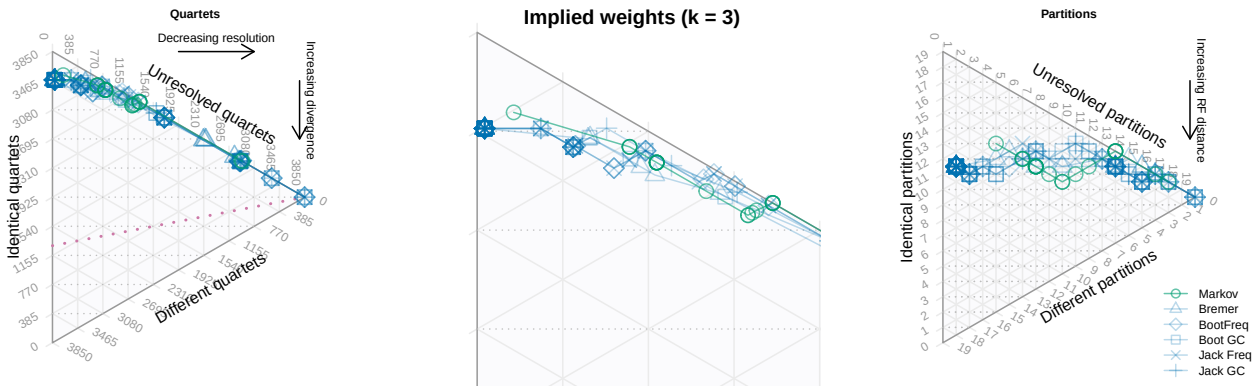


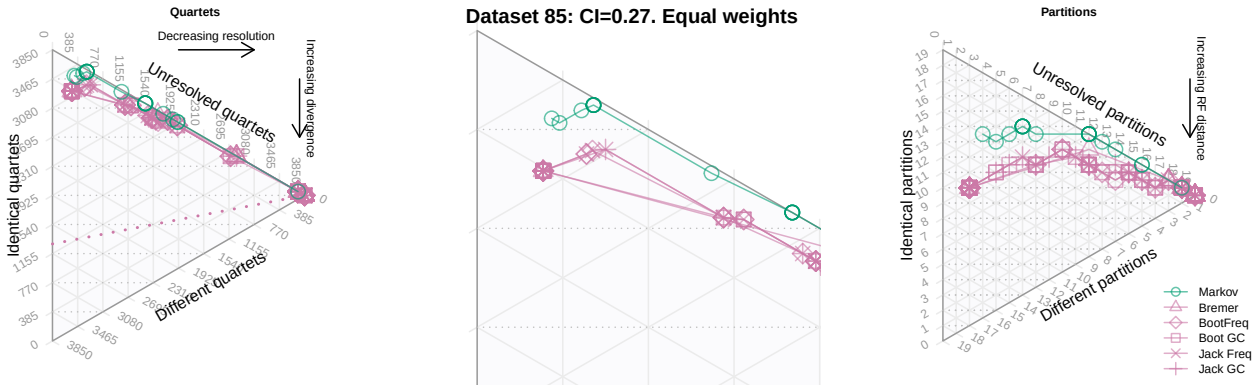


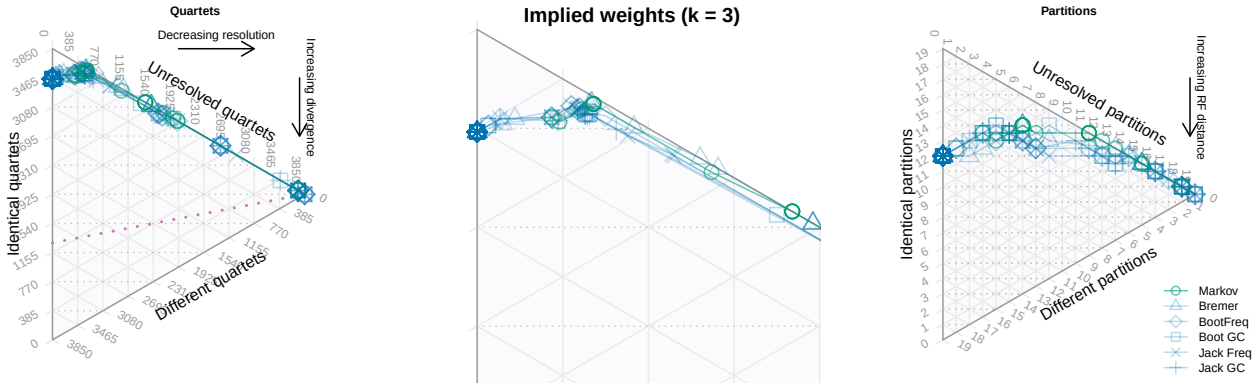

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 83: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

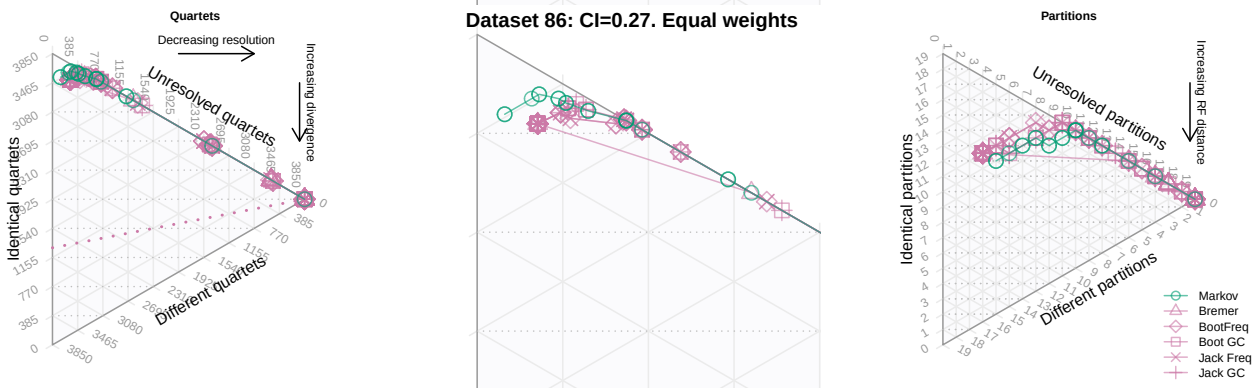

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

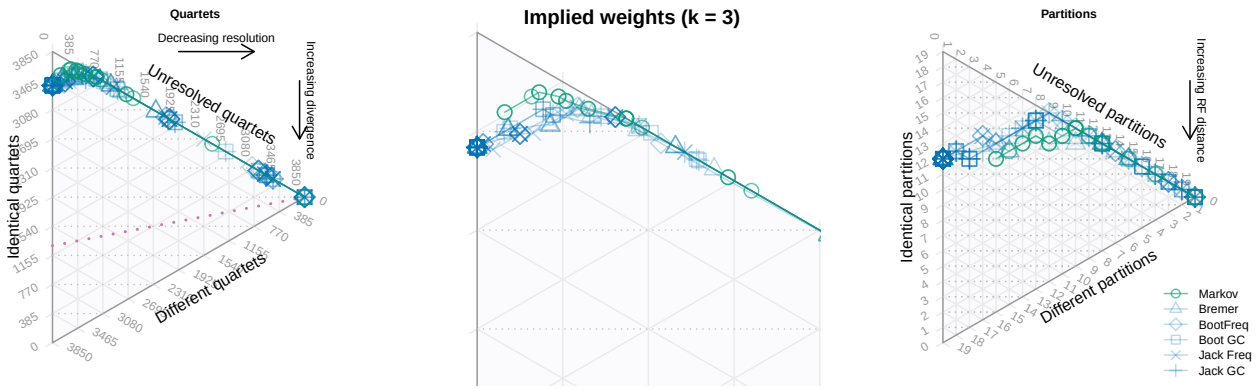

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 84: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

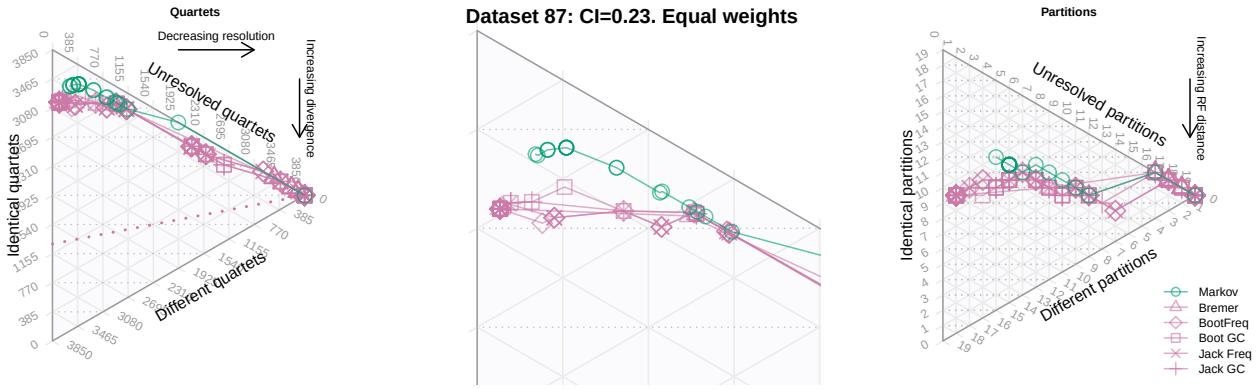

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

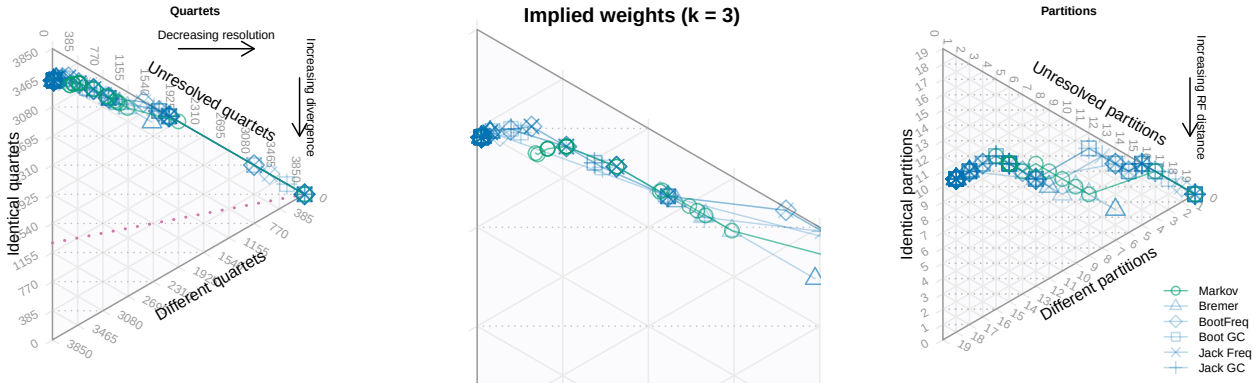

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 85: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

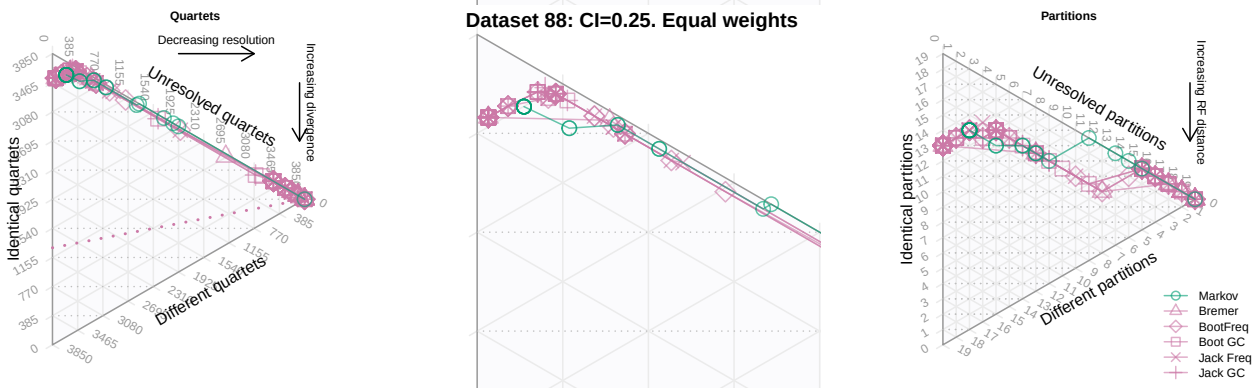

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

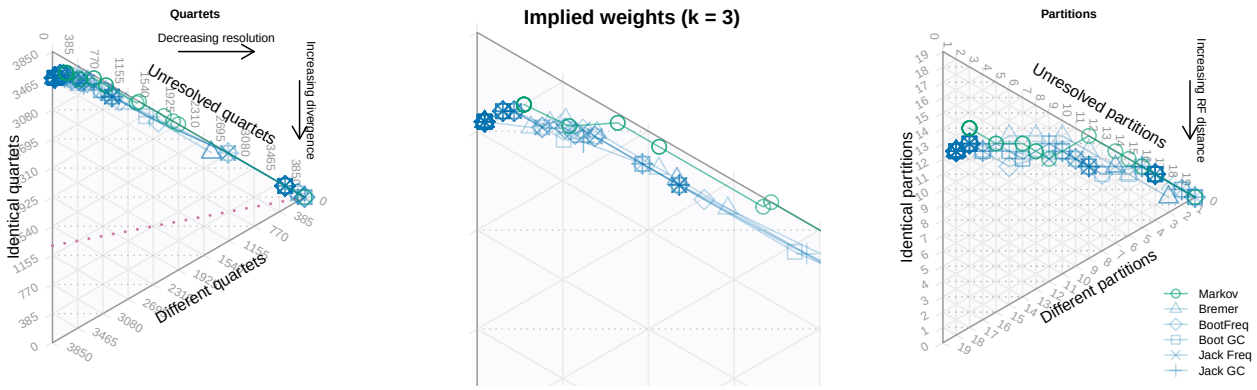

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 86: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

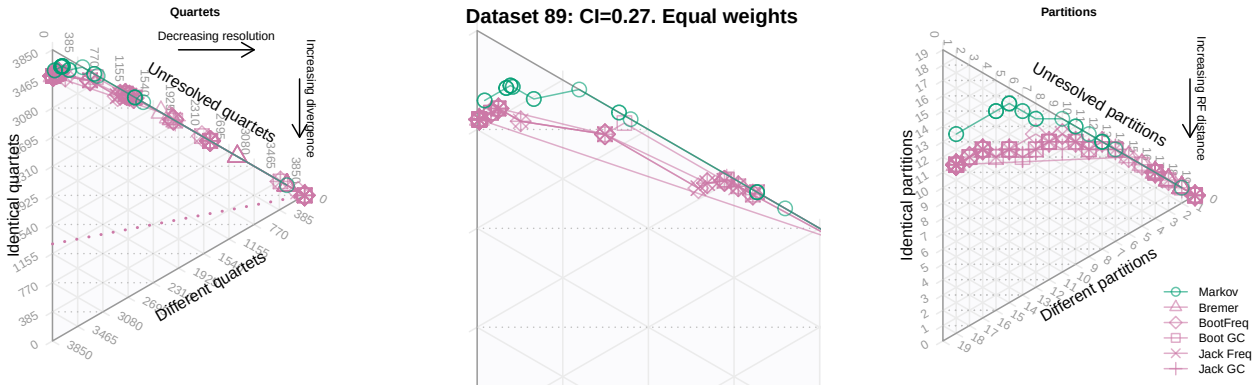

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

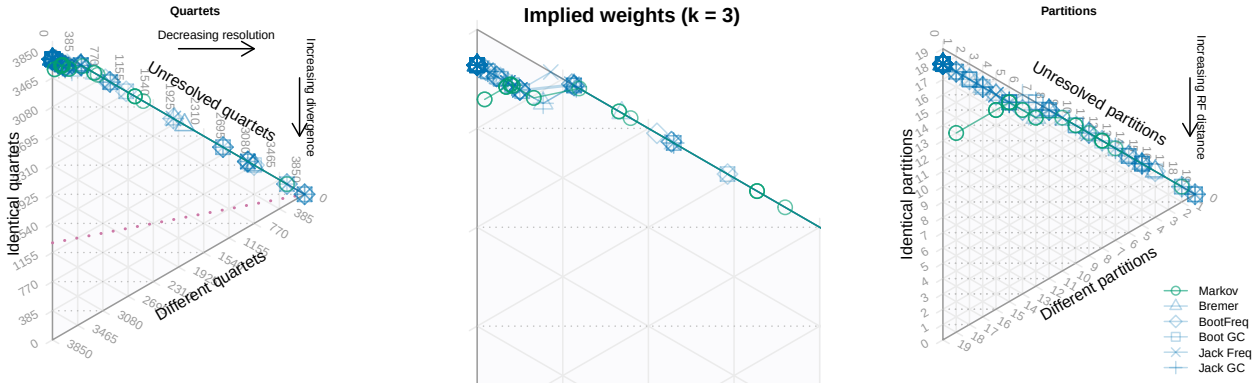

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 87: CI=0.23. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

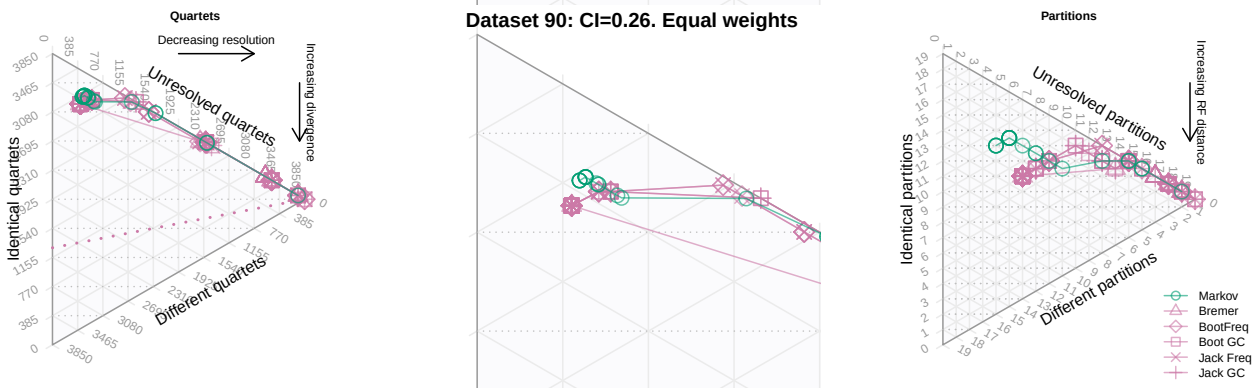

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

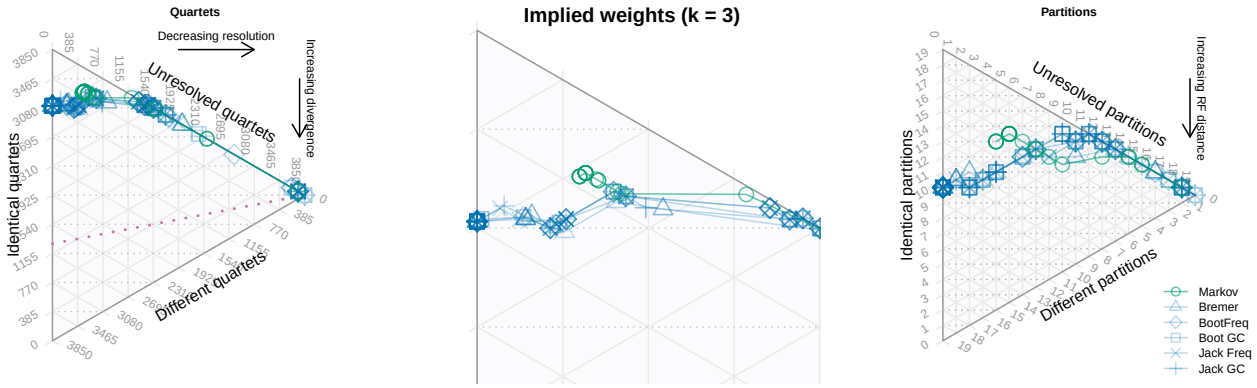

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 88: CI=0.25. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

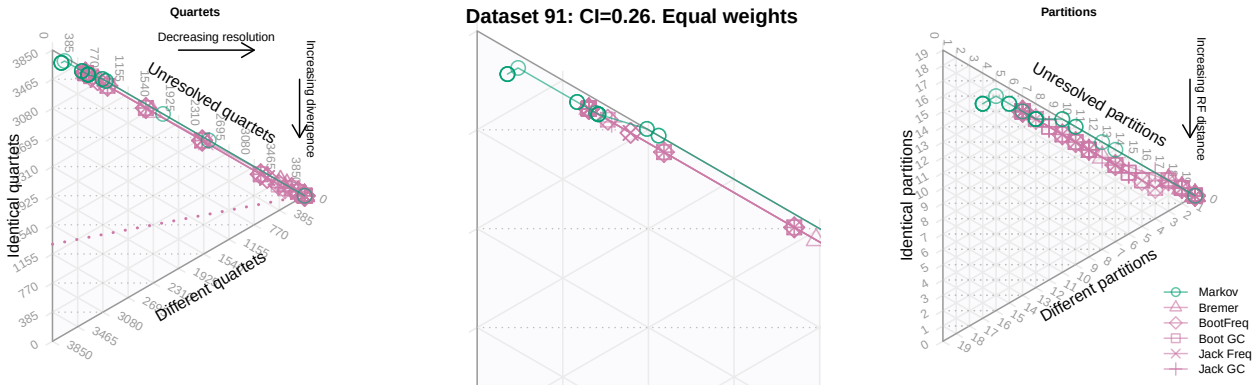

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 89: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

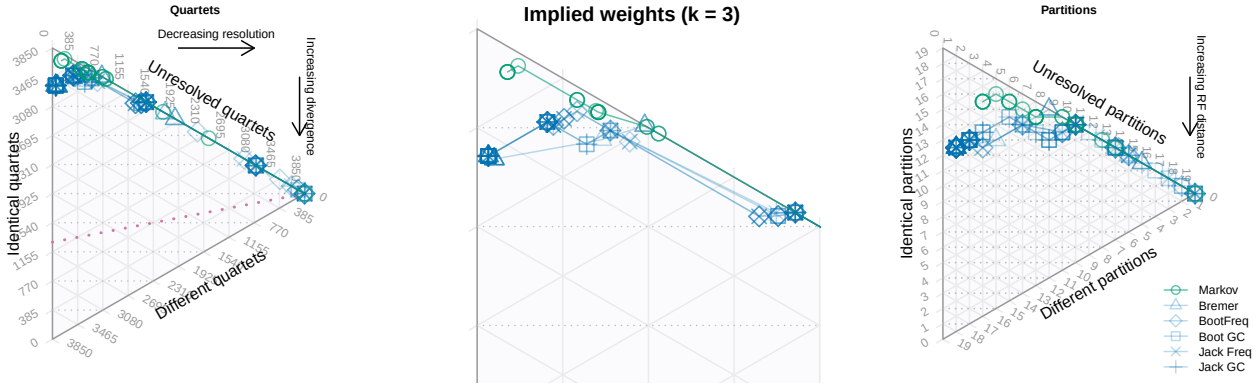

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

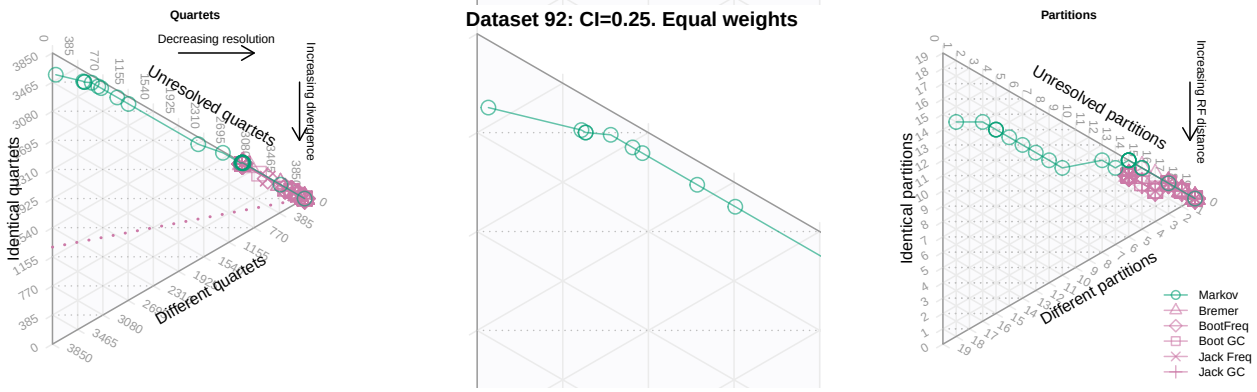

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 90: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

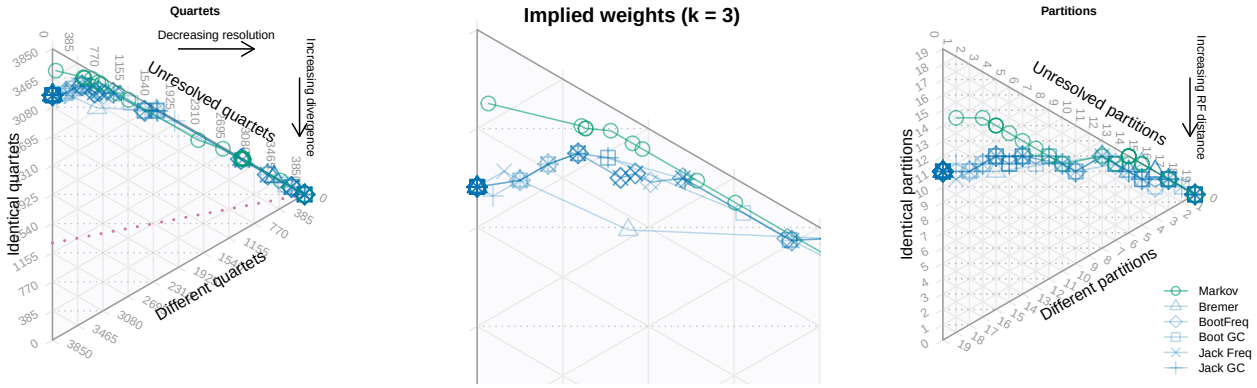

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

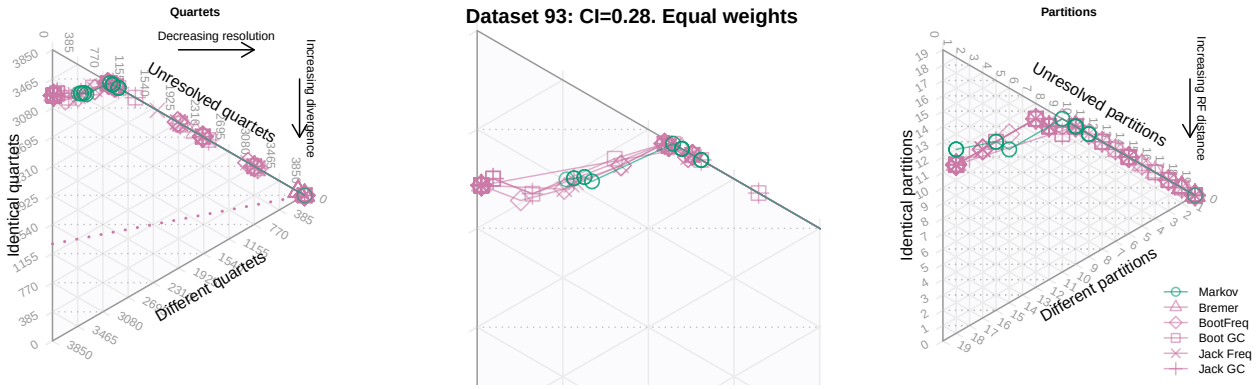
0.11 Trees 91–100

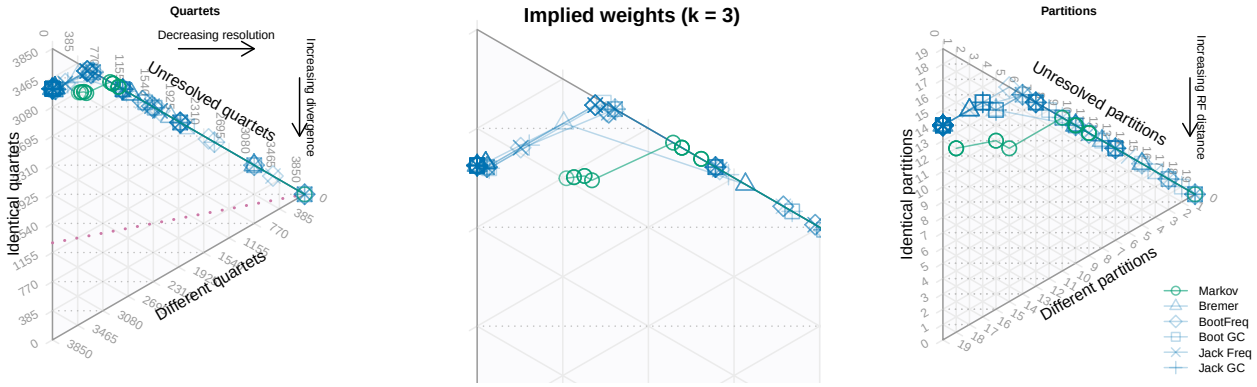









Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 93: CI=0.28. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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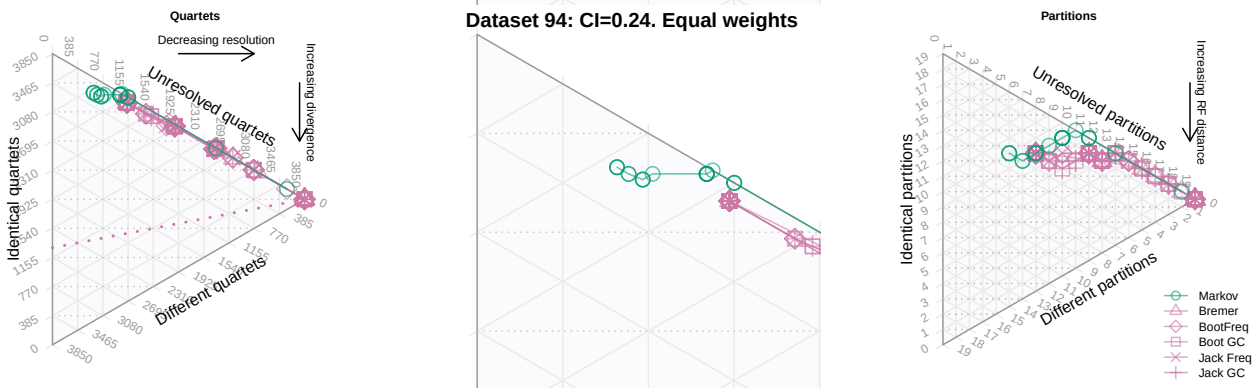
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 94: CI=0.24. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
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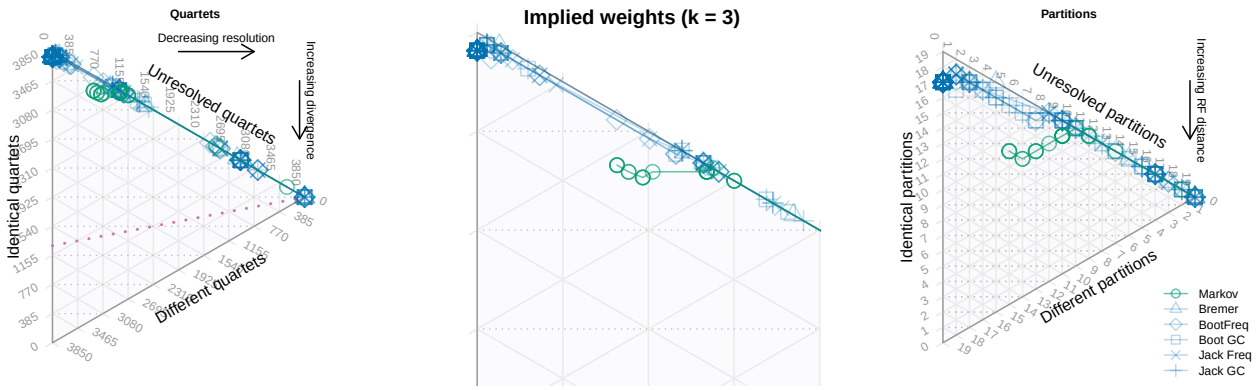
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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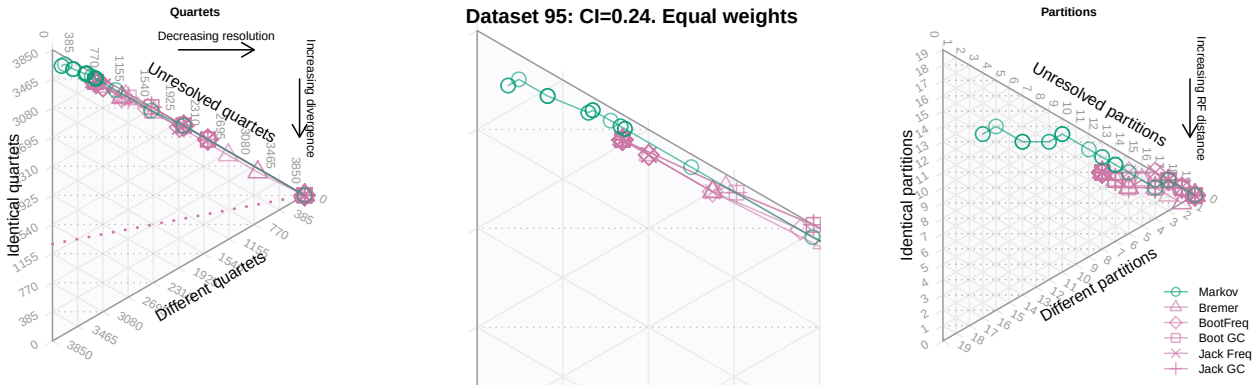
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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Increasing divergence
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Different quartets
Dataset 95: CI=0.24. Equal weights
Partitions
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Increasing RF distance
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Different partitions
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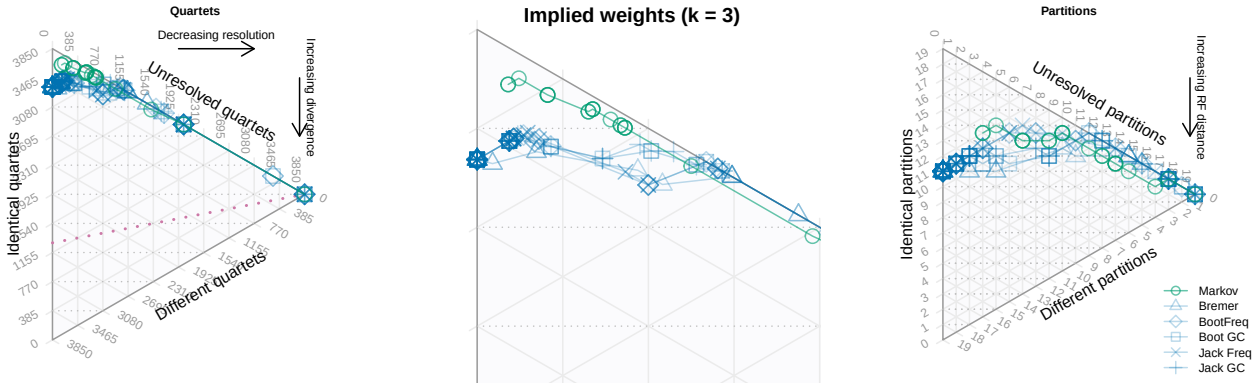
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Increasing divergence
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Identical quartets
Different quartets
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Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
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Boot GC
Jack Freq
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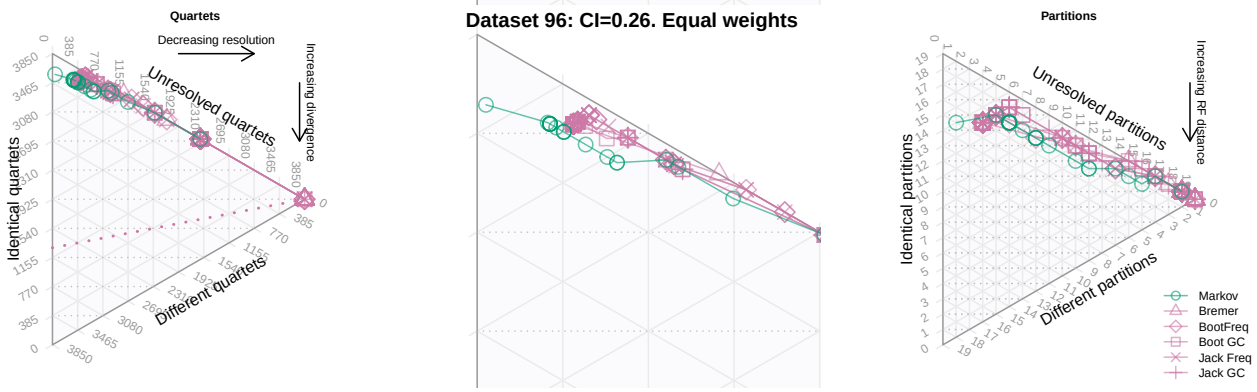
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Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 96: CI=0.26. Equal weights
Partitions
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Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
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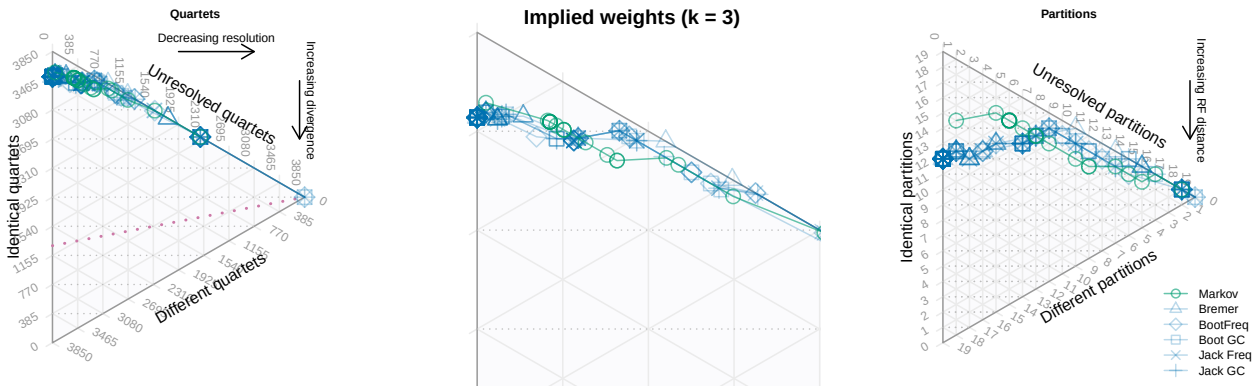
Boot GC
Jack Freq
Jack GC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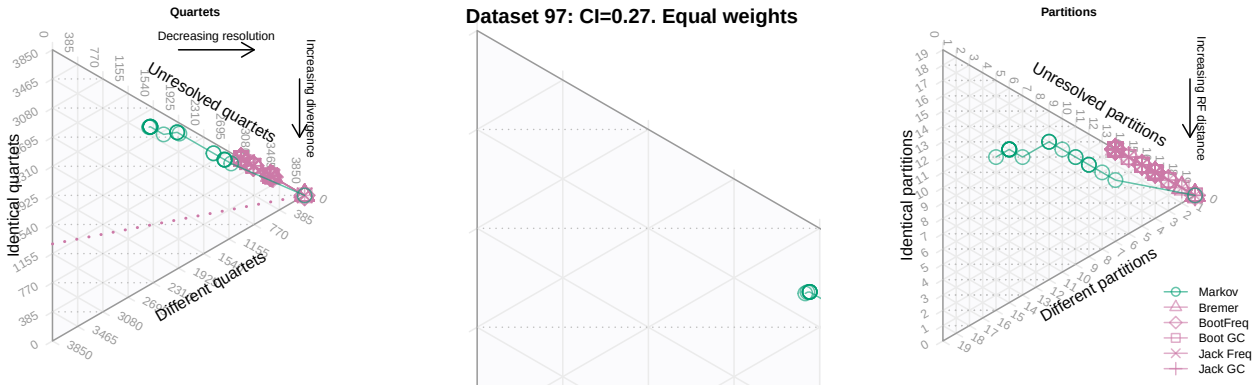
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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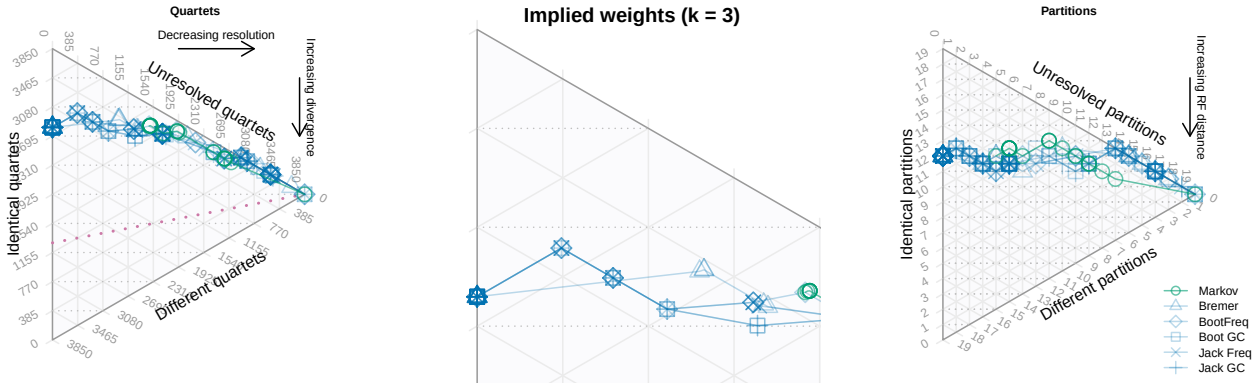
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 97: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC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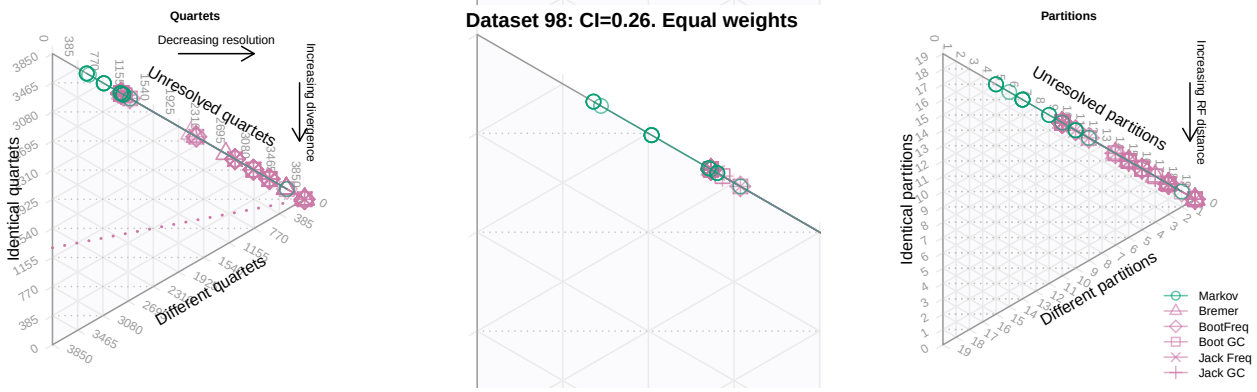
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 98: CI=0.26. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
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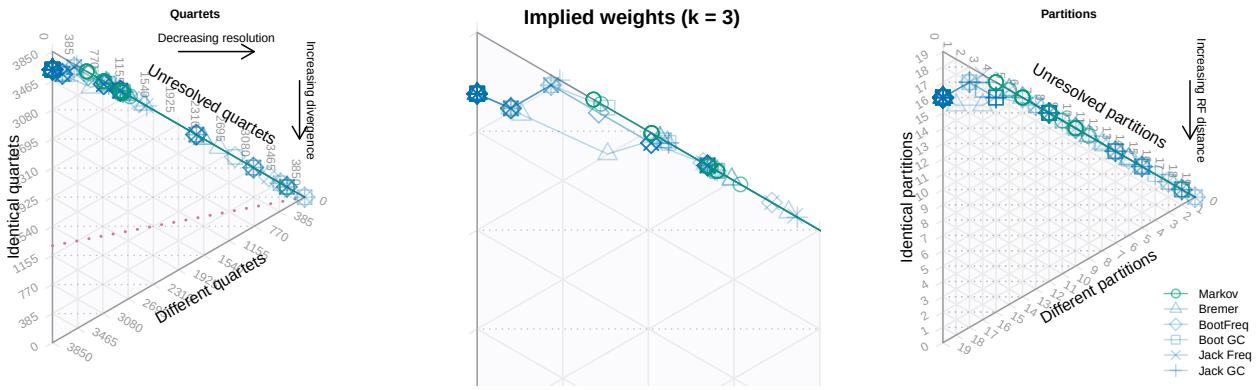
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
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Partitions
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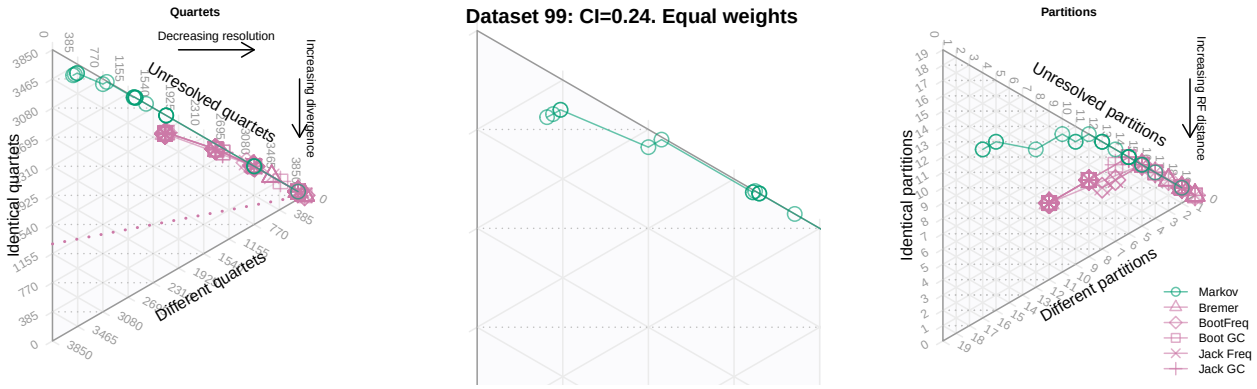
Jack GC


Quartets
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Increasing divergence
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Different quartets
Dataset 99: CI=0.24. Equal weights
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Increasing RF distance
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Different partitions
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Bremer
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Boot GC
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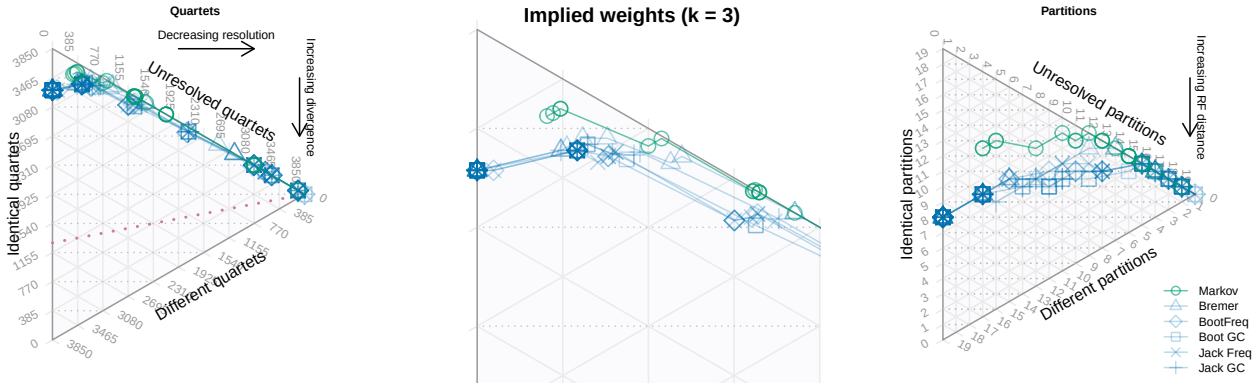
Jack GC


Quartets
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Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
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Partitions
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Different partitions
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Boot GC
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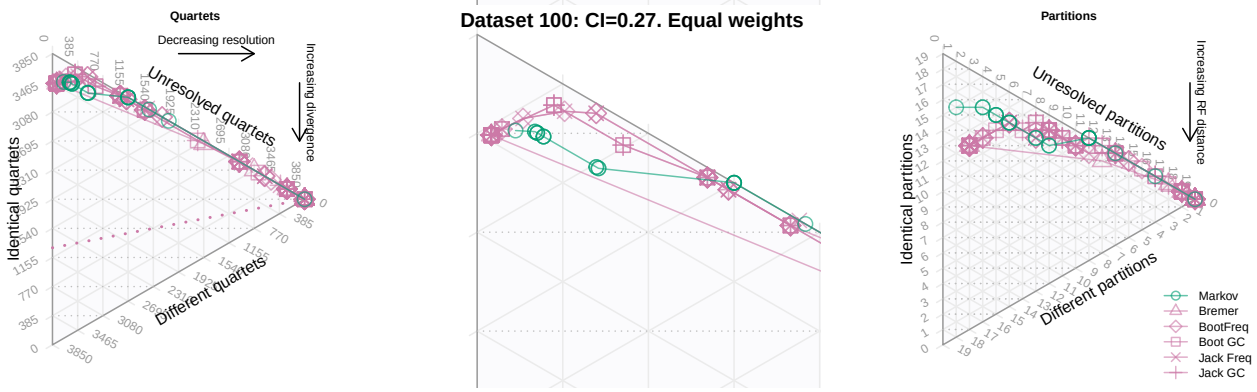
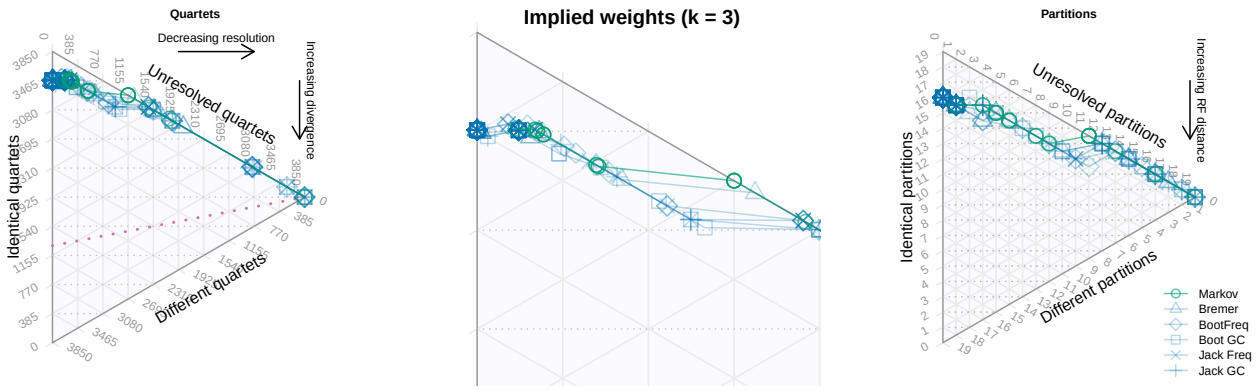

Quartets
Decreasing resolution
Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Dataset 100: CI=0.27. Equal weights
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC


Quartets
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Increasing divergence
Unresolved quartets
Identical quartets
Different quartets
Implied weights (k = 3)
Partitions
Unresolved partitions
Increasing RF distance
Identical partitions
Different partitions
Markov
Bremer
BootFreq
Boot GC
Jack Freq
Jack GC

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. In press. Bayesian and parsimony approaches reconstruct informative trees from simulated morphological datasets. *Biology Letters; preprint at BioRxiv* (doi:10.1101/227942)