

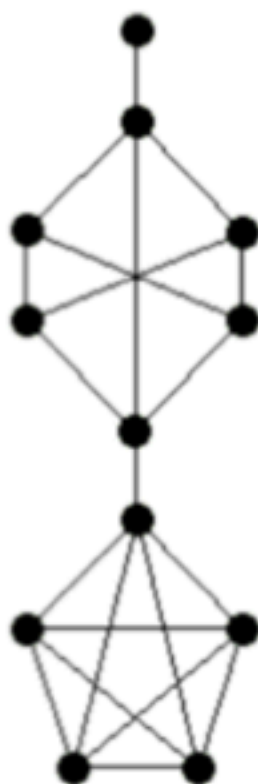
How to identify heterogeneous brain regions?

Approach 2: Network Summary Statistics

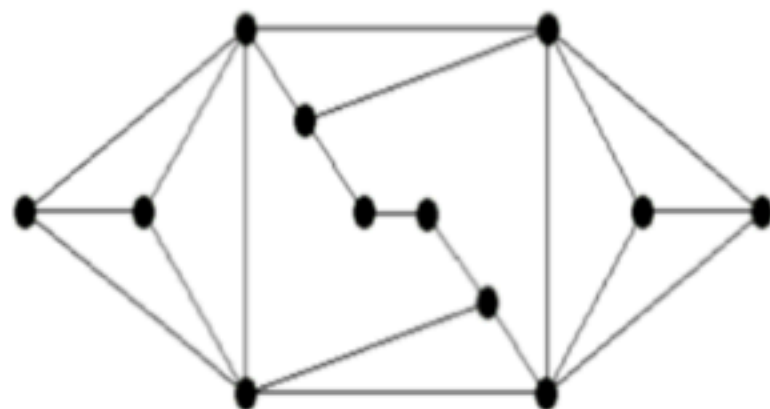
Problem:

- Different networks can produce the same statistics

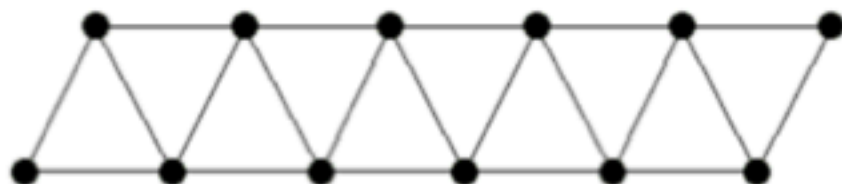
$|V| = 12$
 $|E| = 21$
 $|\Delta| = 10$
 girth = 3
 GCC = 0.5



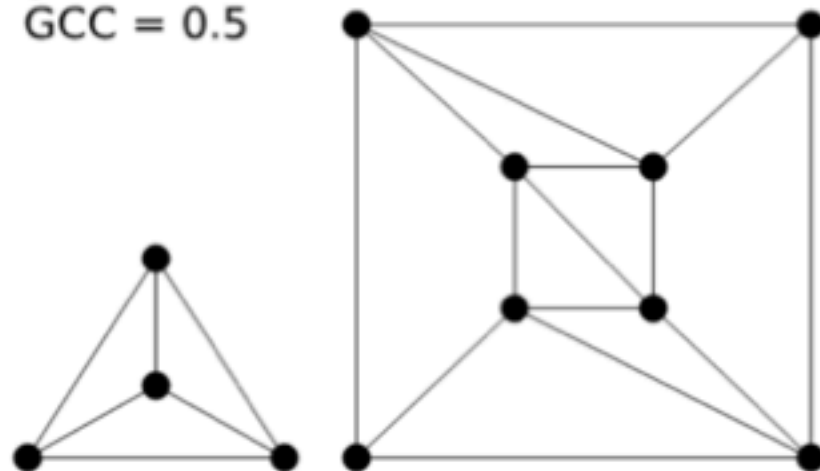
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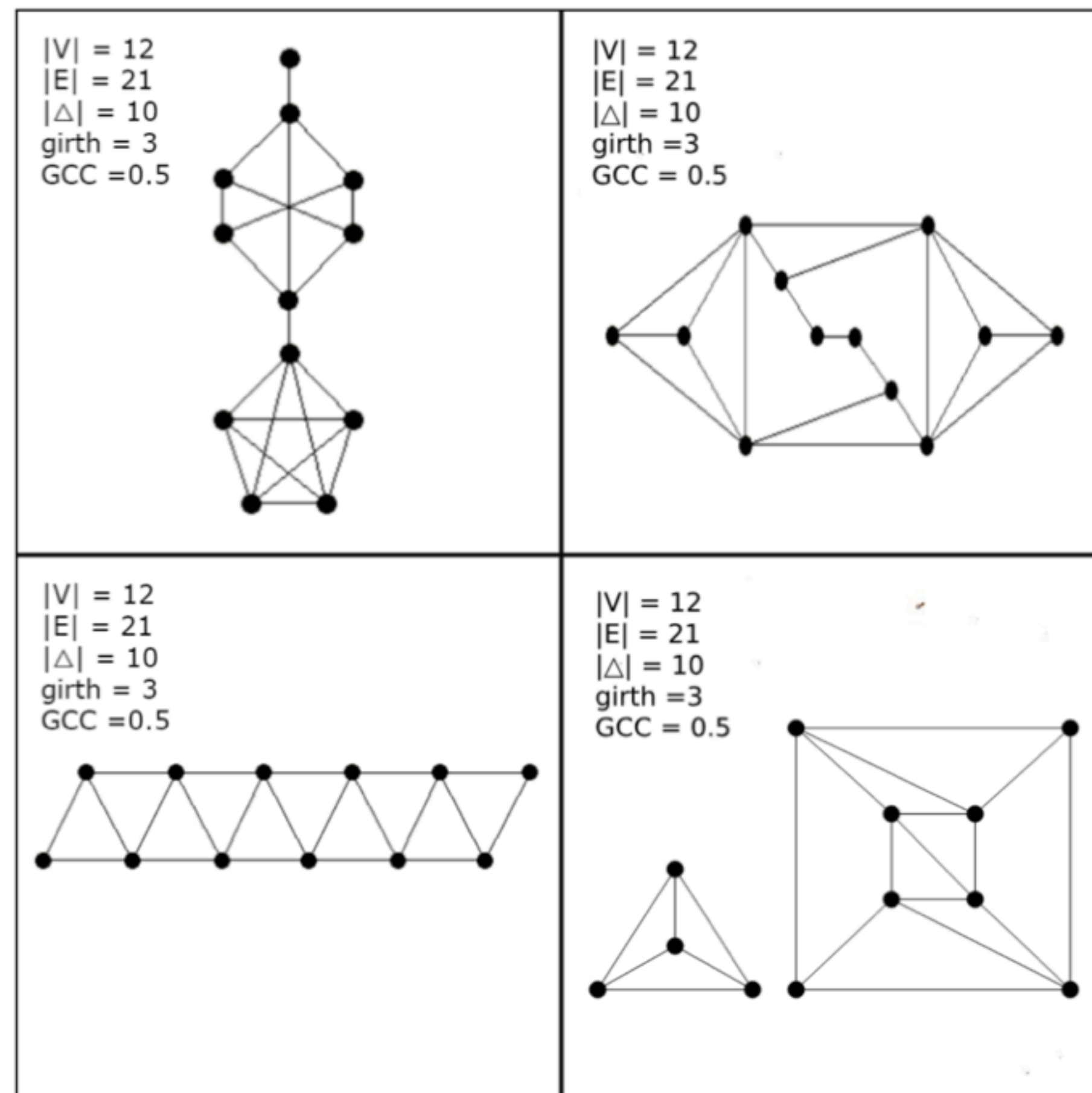
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chen et al., (arXiv) 2019

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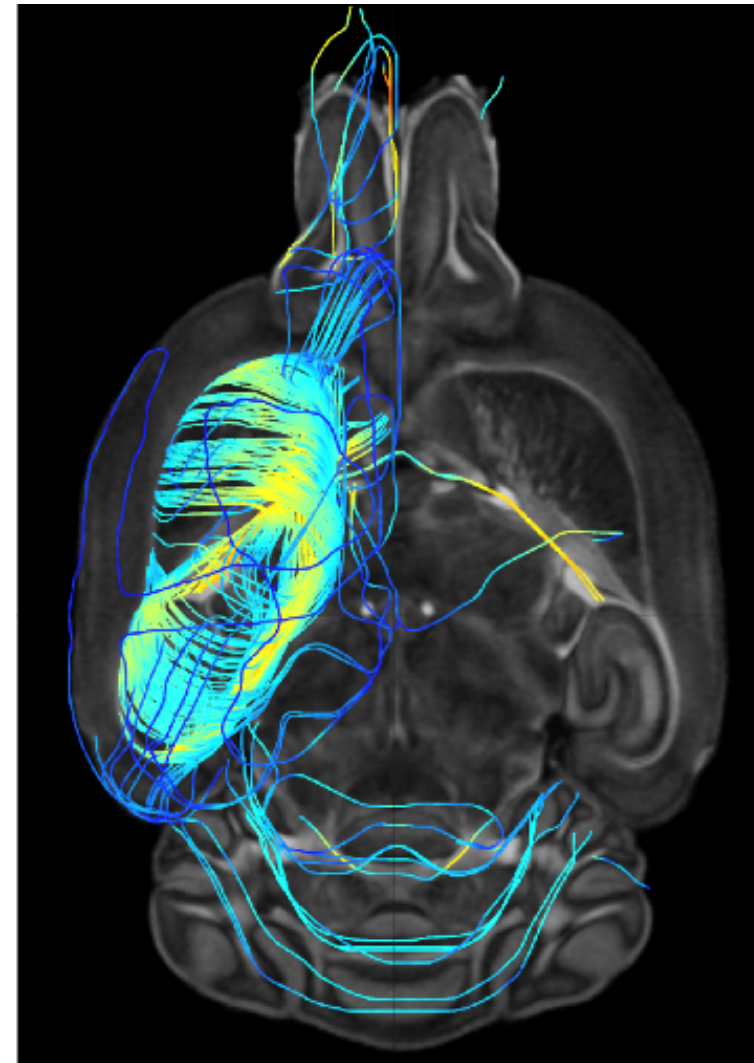
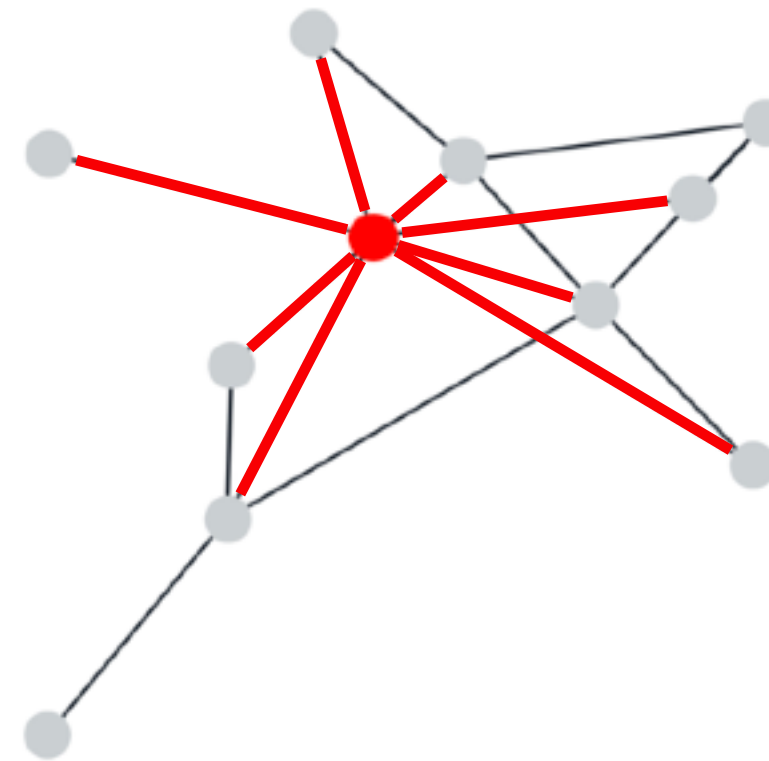


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Brain connectivity is hierarchical

Multiscale = analyze 2+ hierarchical scales



Brain Regions