

Robustesse 1: Étude sur le graphe non valué

Casser des Graphes

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Complex Networks - LIP6

Outline

Scores

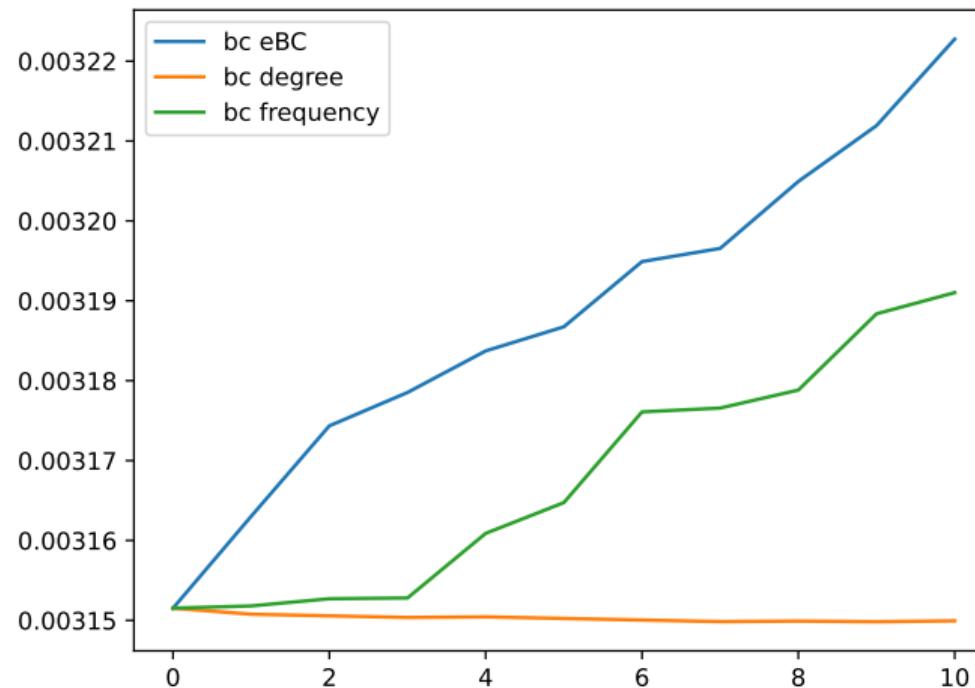
Cartes de edge Betweenness Centrality

Distribution de edge Betweenness Centrality

Scores

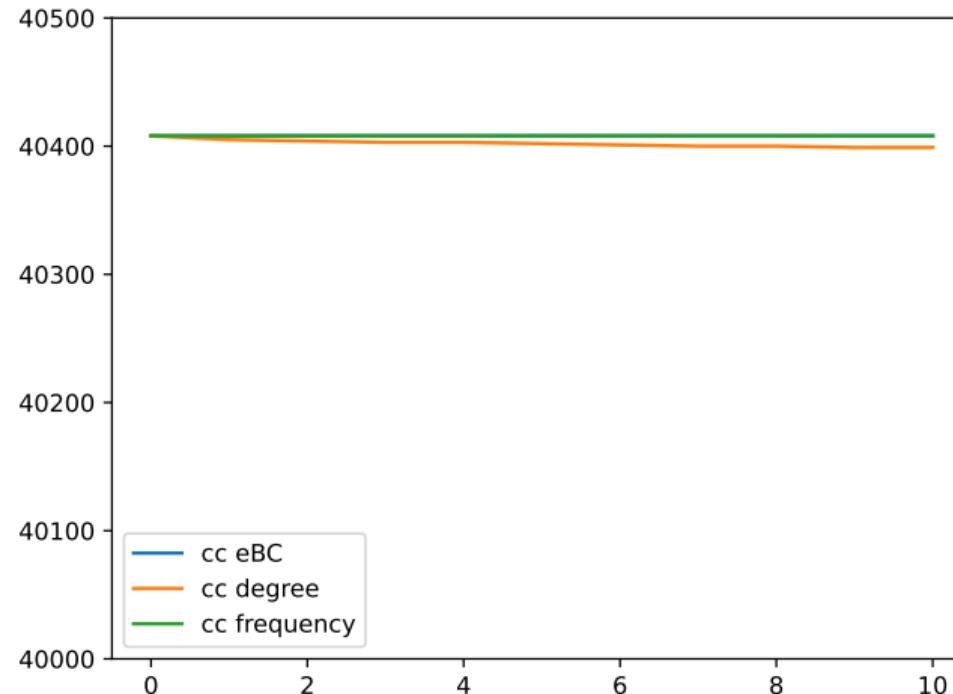
Score: moyenne eBC

Average edge BC for BC, frequency and max degree attacks



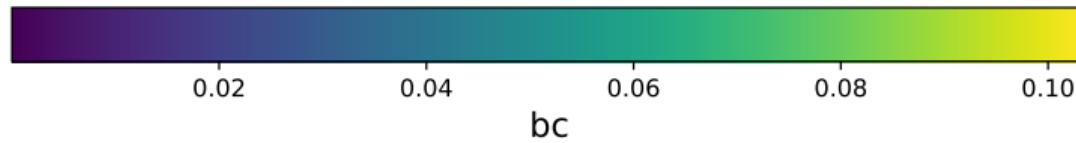
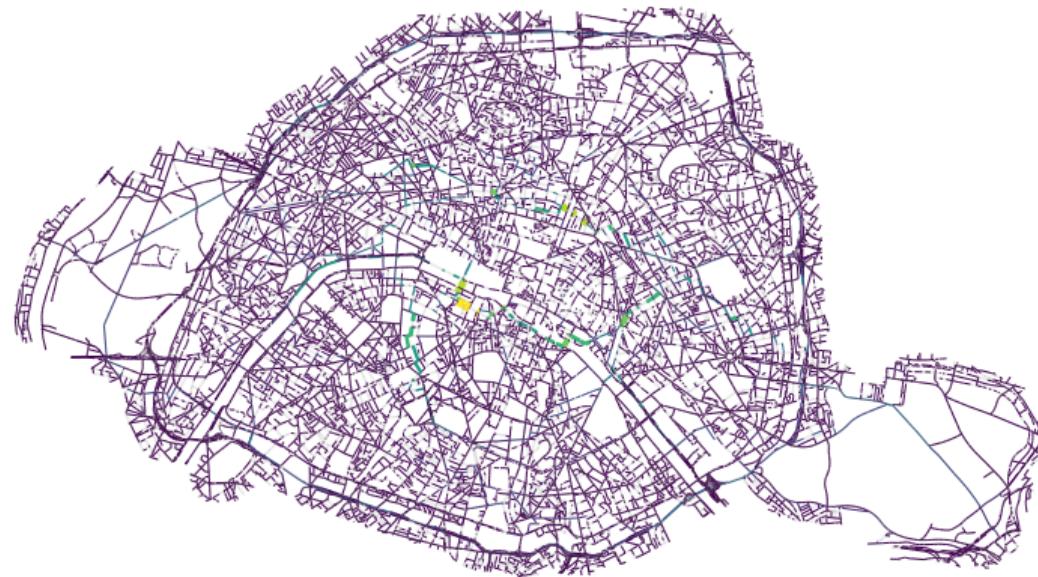
Score: plus grande CC

Bigest connected component size for BC, frequency and max degree attack:

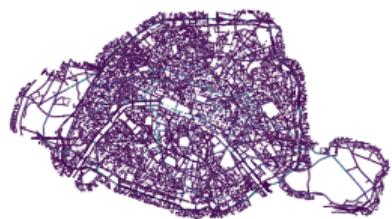
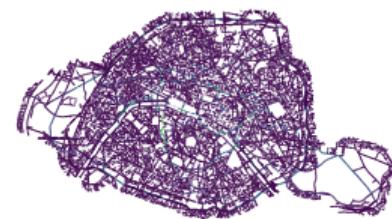
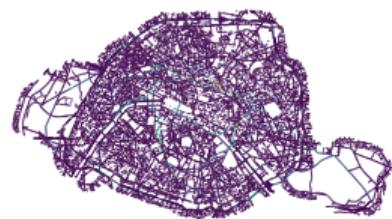


Cartes de edge Betweenness Centrality

edge Betweenness Centrality: Paris non valué



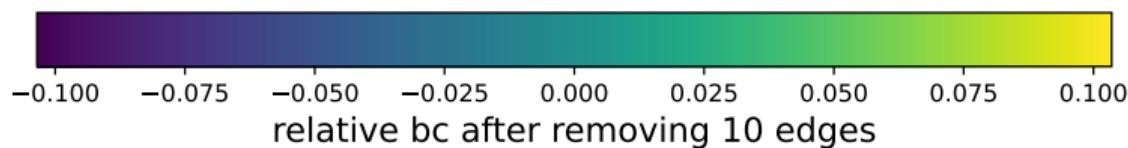
Ordre eBC: Quelques cartes de eBC (après 1, 5 et 10 arêtes enlevées)



Ordre eBC: Δ -eBC absolue

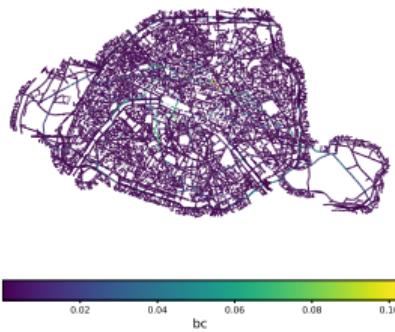
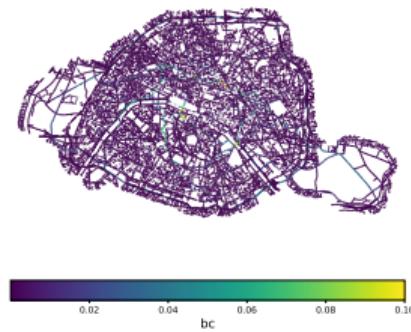
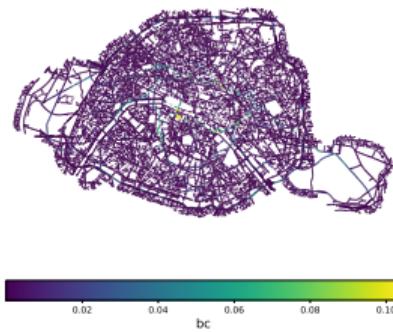


Ordre eBC: Δ -eBC relative



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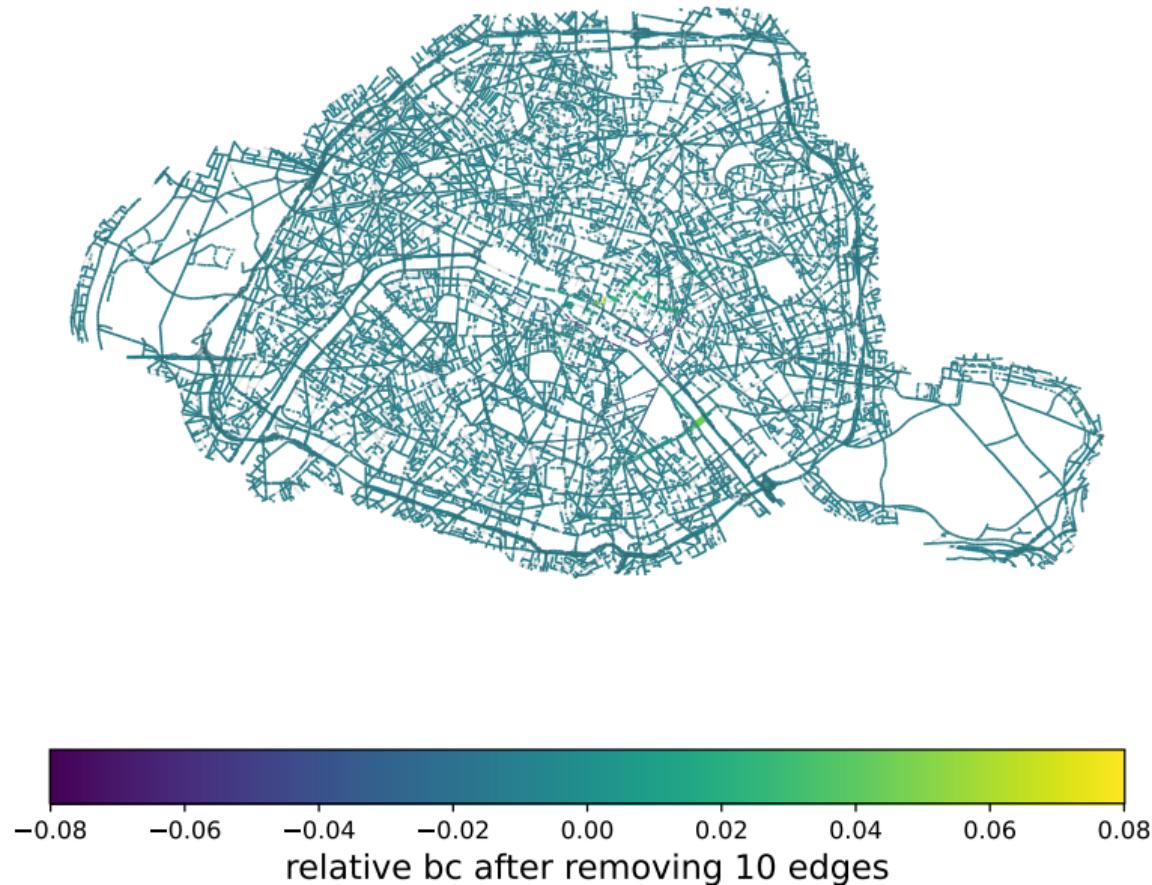
Ordre freq: Quelques cartes de eBC (après 1, 5 et 10 arêtes enlevées)



Ordre freq: Δ -eBC absolue

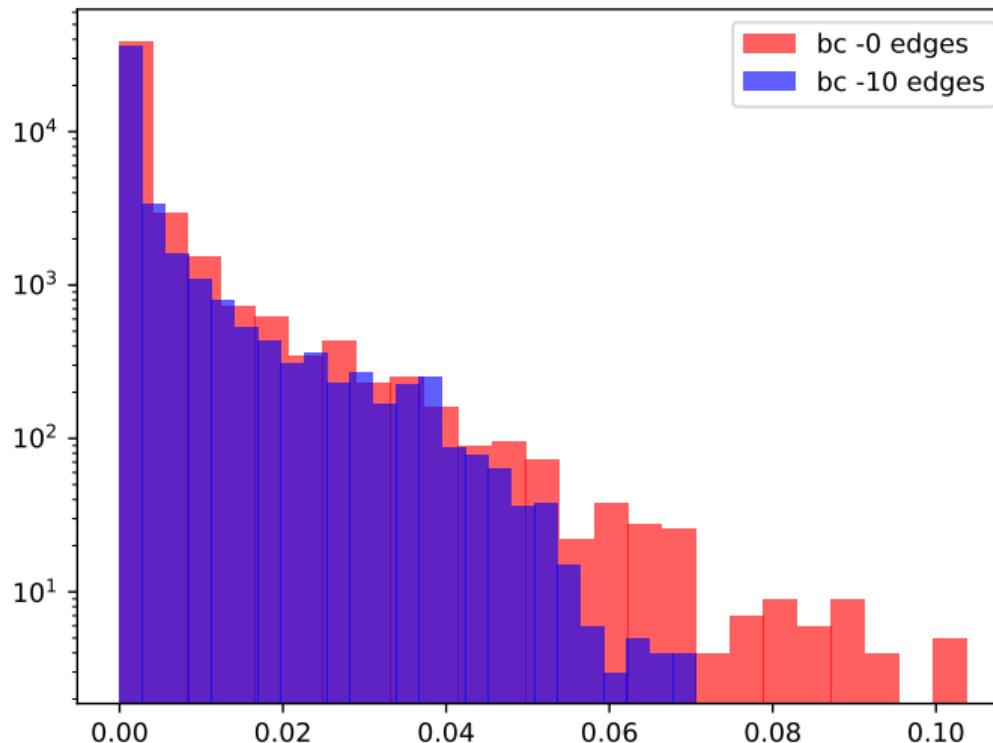


Ordre freq: Δ -eBC relative

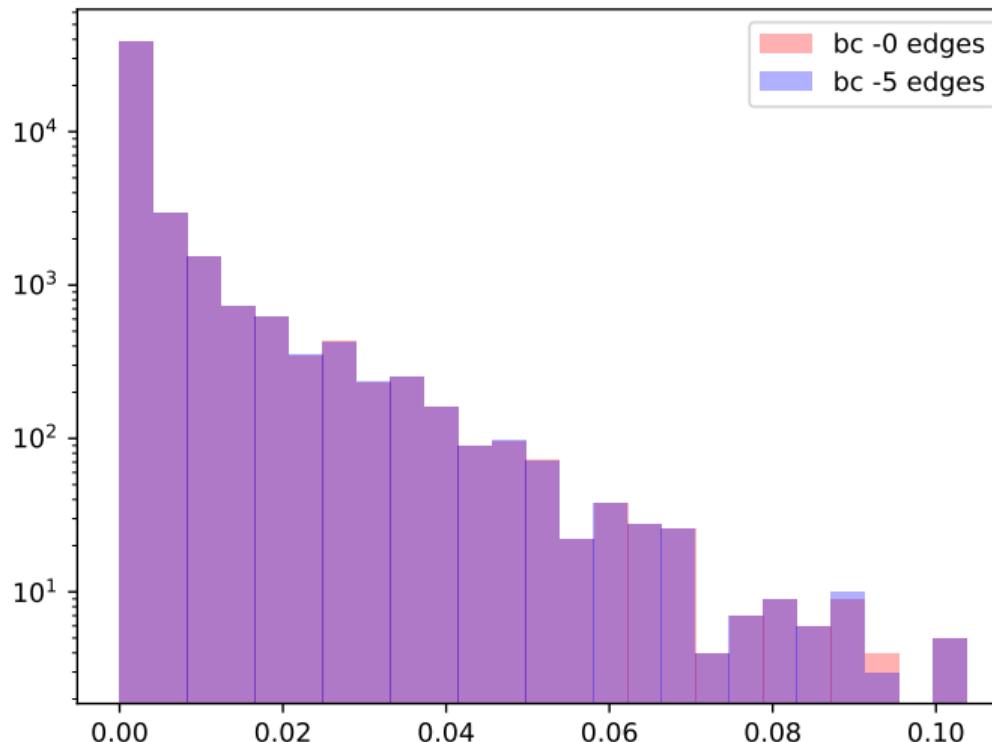


Distribution de edge Betweenness Centrality

Ordre eBC: changements de distributions après 10 arêtes enlevées



Ordre deg: changements de distributions après 10 arêtes enlevées



Ordre freq: changements de distributions après 10 arêtes enlevées

