

Presentation 1

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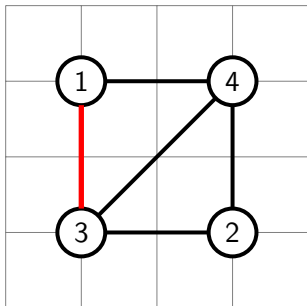
Data structure

- C++
- adjacency lists
 - `std::vector<vertex>`

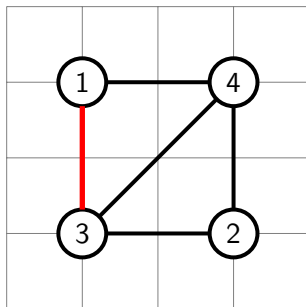
Data structure

- C++
- adjacency lists
 - `std::vector<vertex>`
- vertex members:
 - neighbour list
 - degree
 - colour

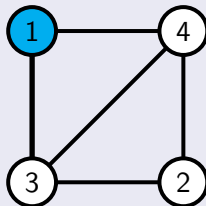
Edge Branching



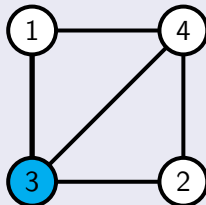
Edge Branching



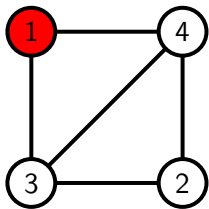
Take 1 into VC



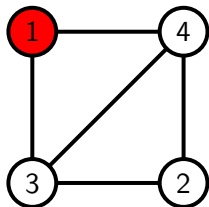
Take 3 into VC



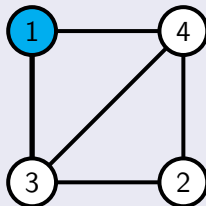
Neighbour Branching



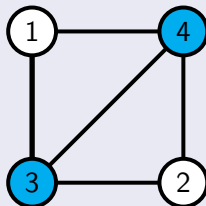
Neighbour Branching



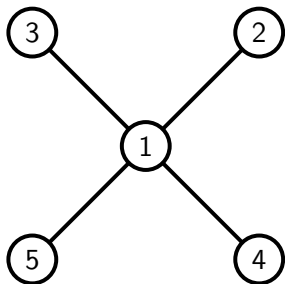
Take 1 into VC



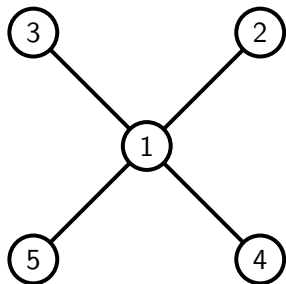
Take N(1) into VC



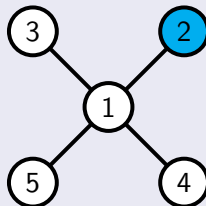
Max Degree Selection



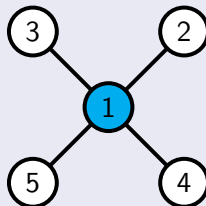
Max Degree Selection



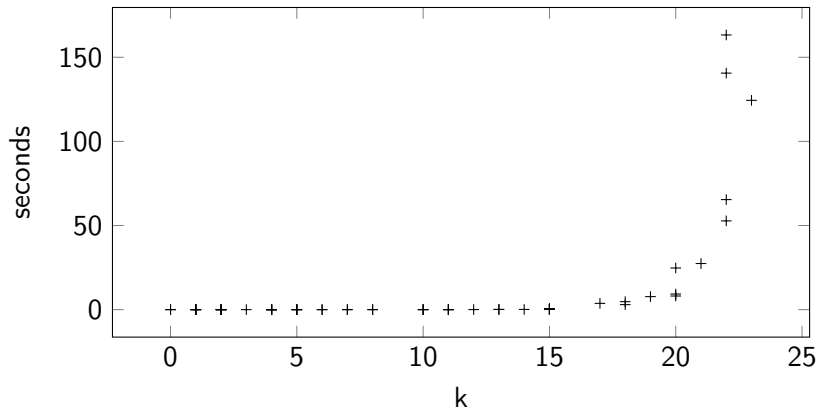
Random Selection



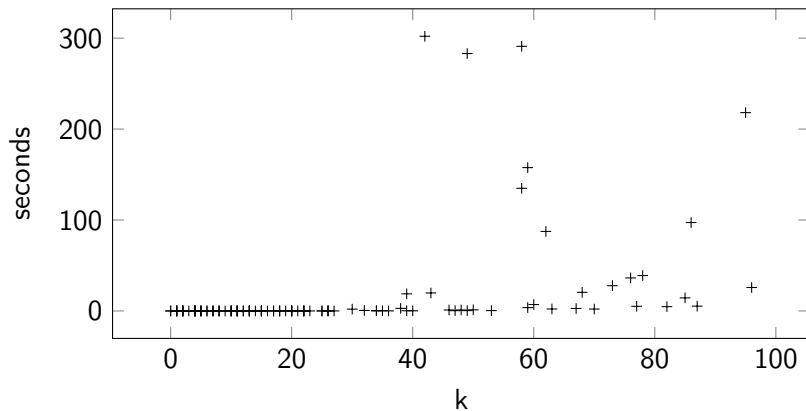
Max Degree Selection



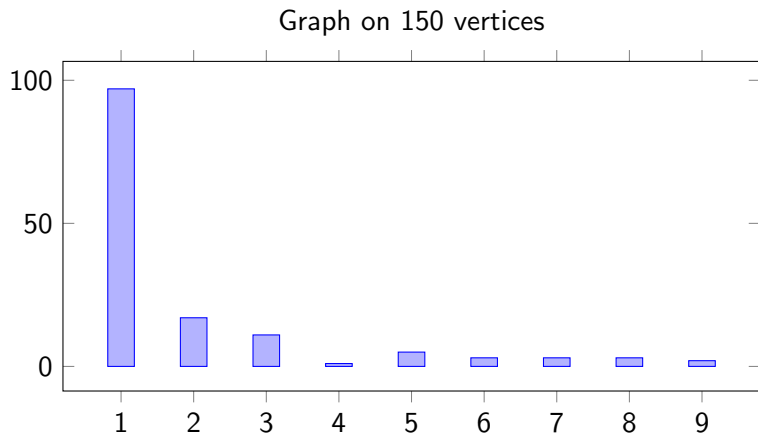
Edge Branching Results



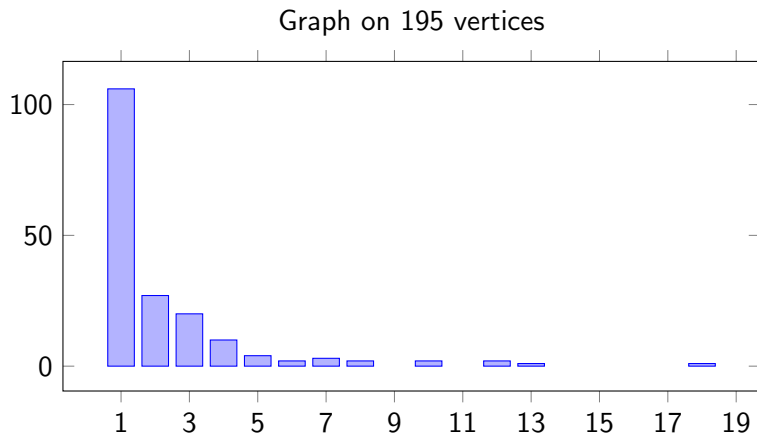
Neighbour Branching Results



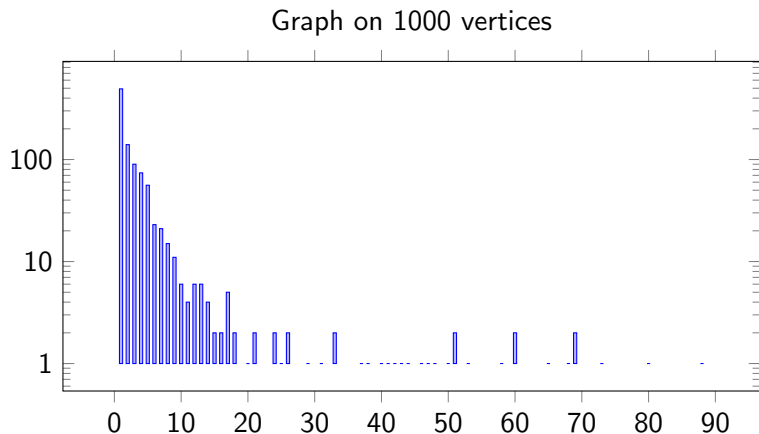
Degree distribution



Degree distribution



Degree distribution



Questions?