## **Accepted Manuscript**

Heuristics for the generalized median graph problem

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PII: \$0377-2217(16)30194-1 DOI: 10.1016/j.ejor.2016.03.048

Reference: EOR 13610

To appear in: European Journal of Operational Research

Received date: 11 August 2015 Revised date: 20 February 2016 Accepted date: 29 March 2016



Please cite this article as: Leonardo M. Musmanno, Celso C. Ribeiro, Heuristics for the generalized median graph problem, *European Journal of Operational Research* (2016), doi: 10.1016/j.ejor.2016.03.048

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#### ACCEPTED MANUSCRIPT

### **Highlights**

- We propose two new heuristics for solving the generalized median graph problem.
- GRASP heuristic is able to solve much larger problems and find better solutions.
- Generalized median graph shows itself to be a better representative than the median graph.
- Generalized median graph offers a good alternative approach to k-NN classifiers.

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