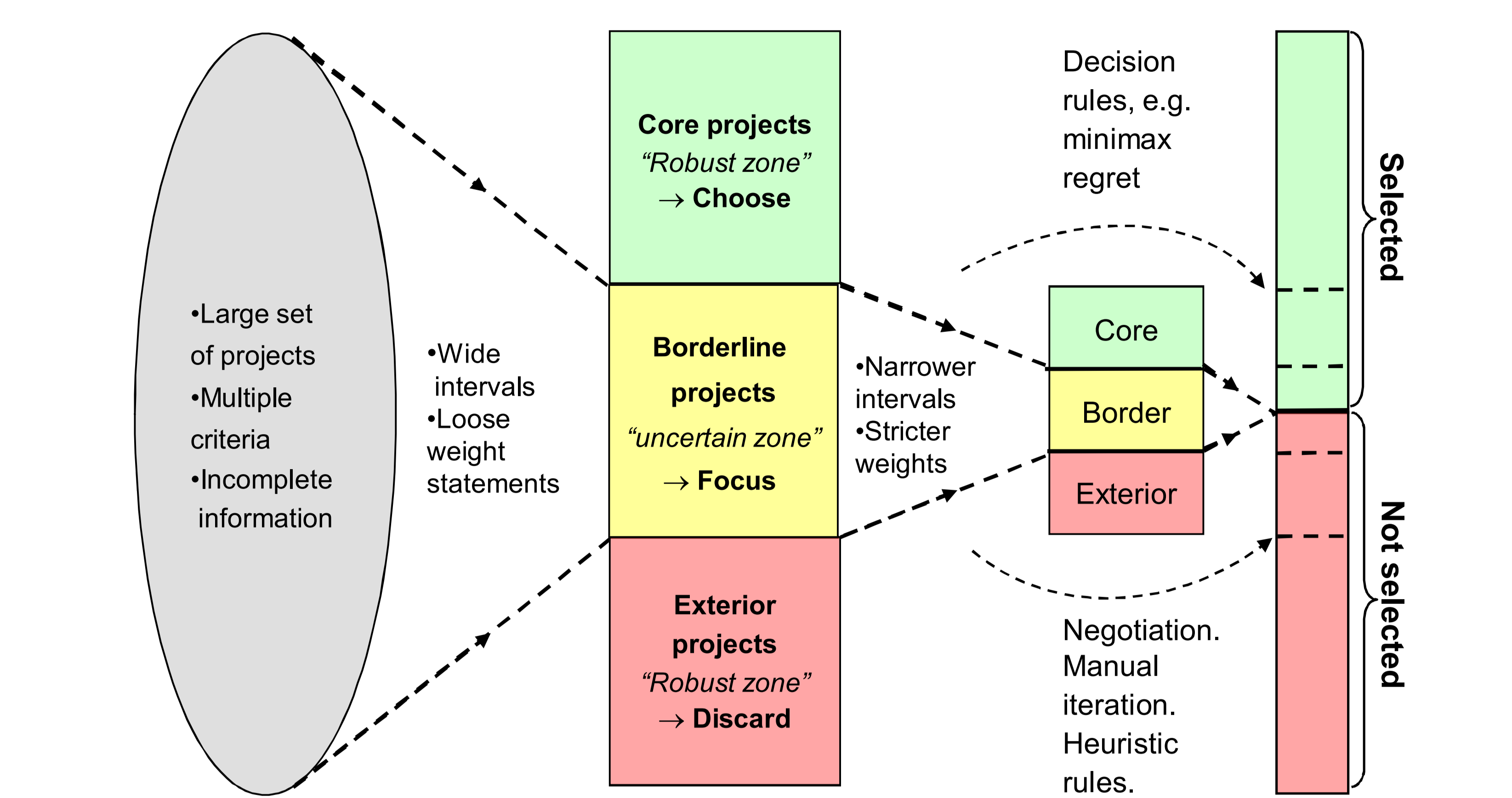


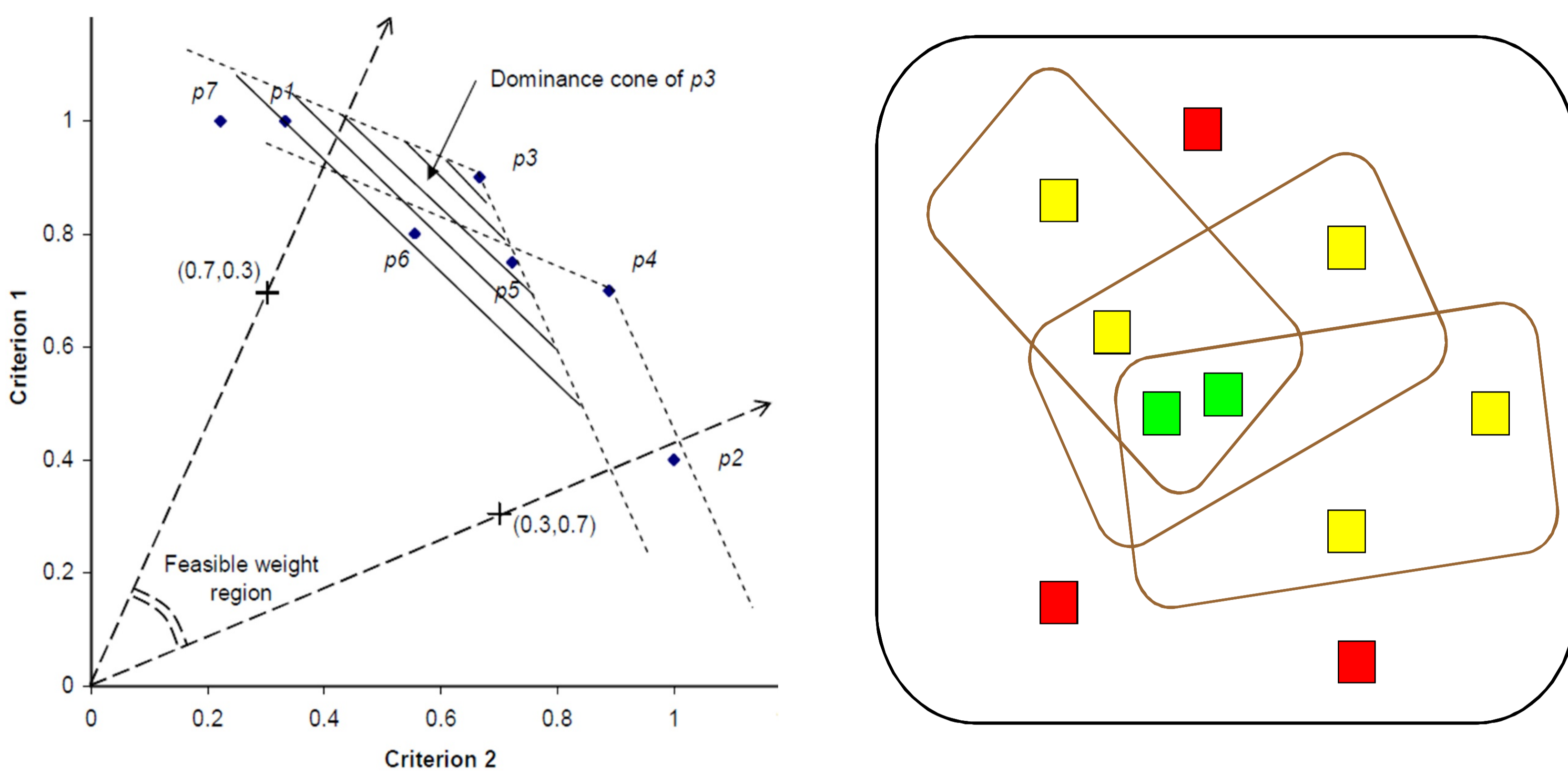
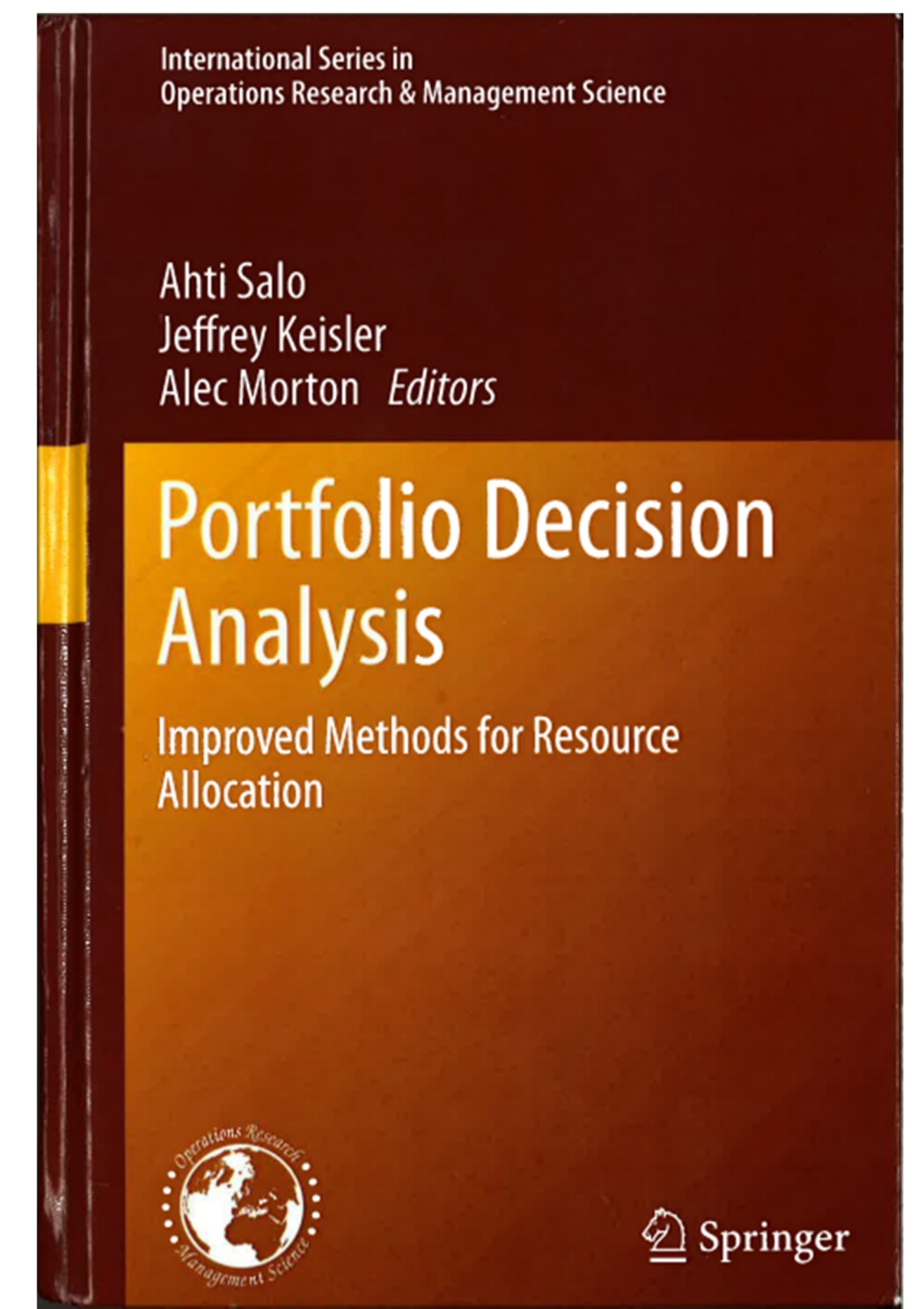
PORTFOLIO DECISION ANALYSIS

methods, models and software for resource allocation and portfolio management

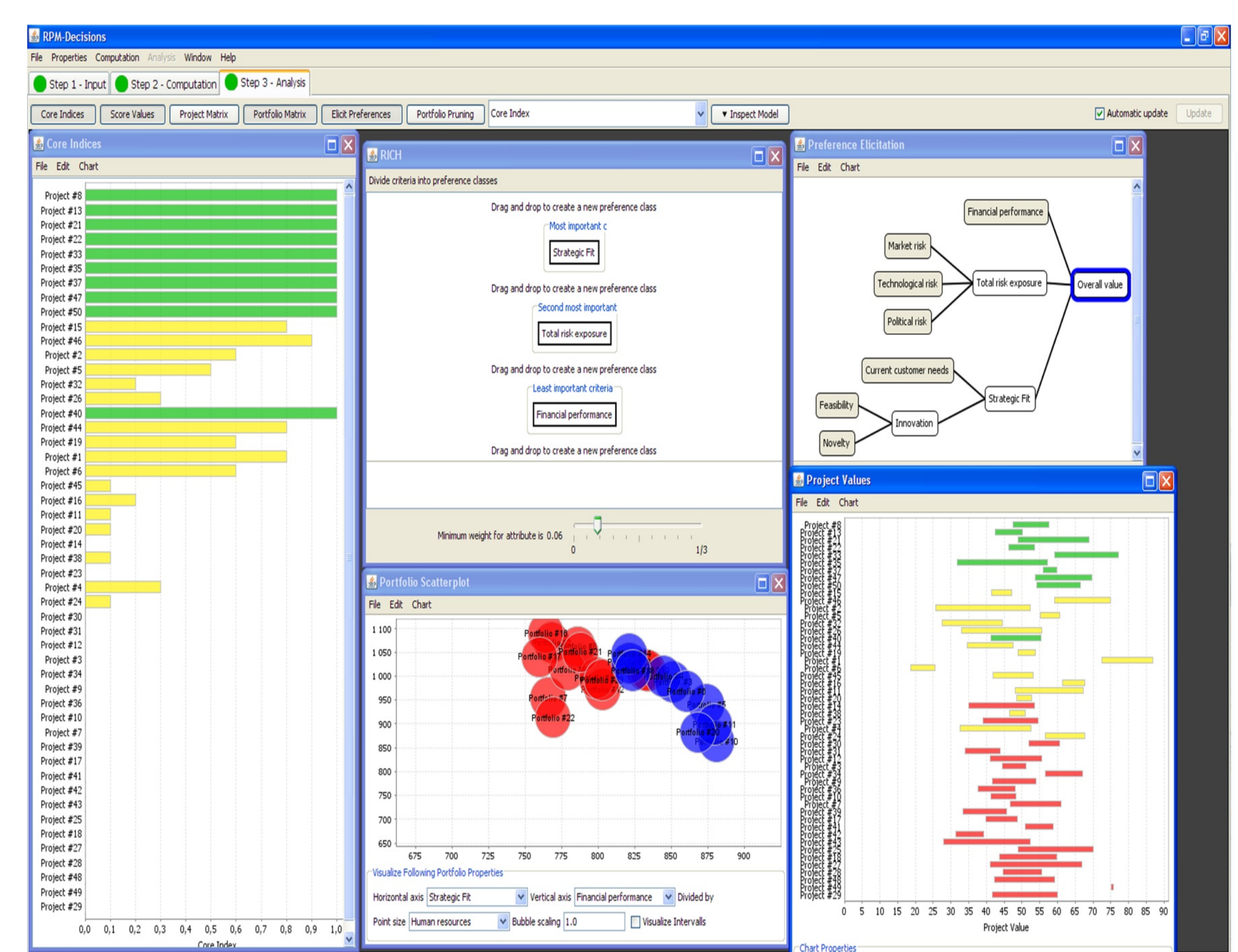
Robust Portfolio Modeling (RPM)



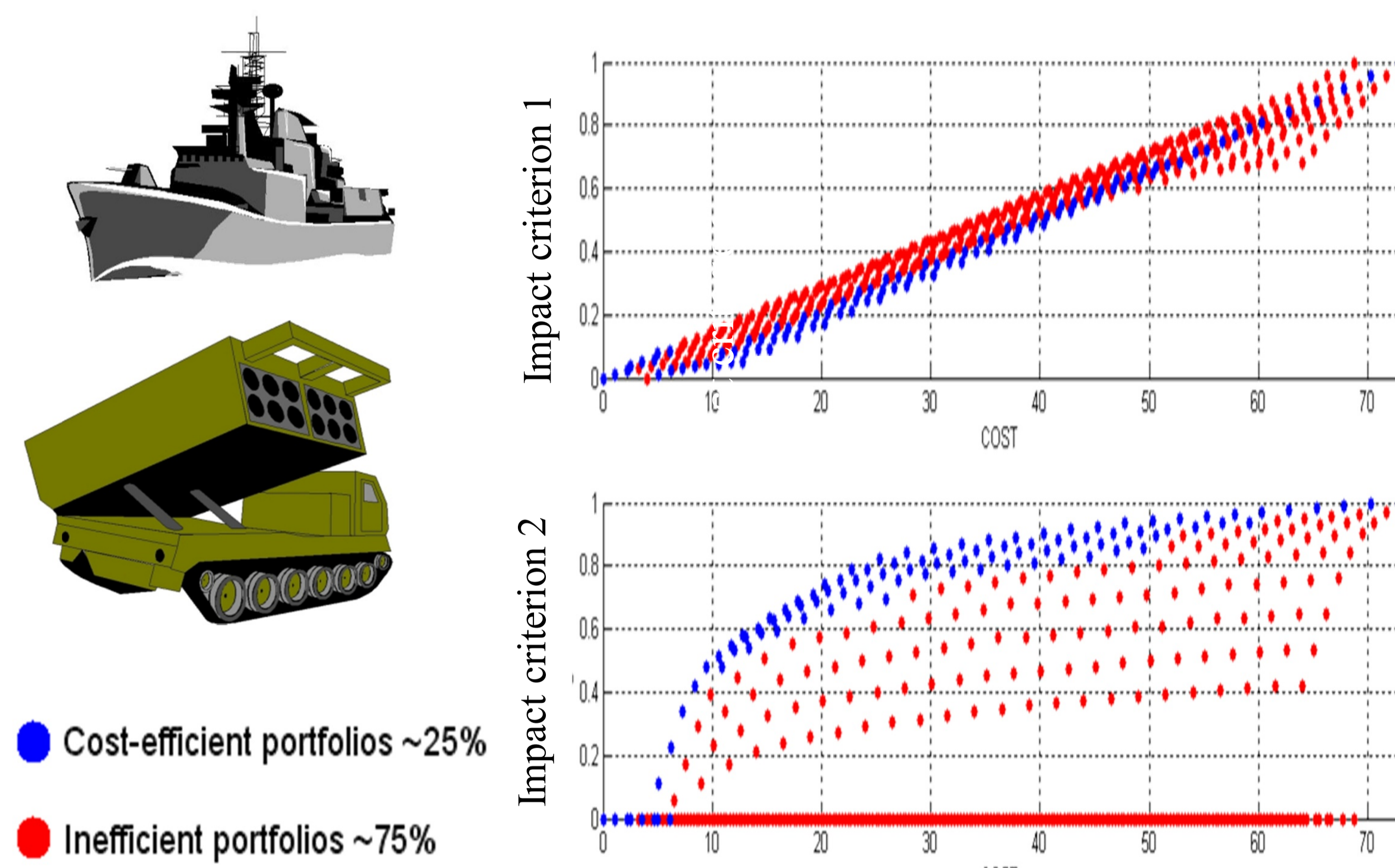
winner of the
INFORMS
Decision Analysis
Publication Award
for 2011



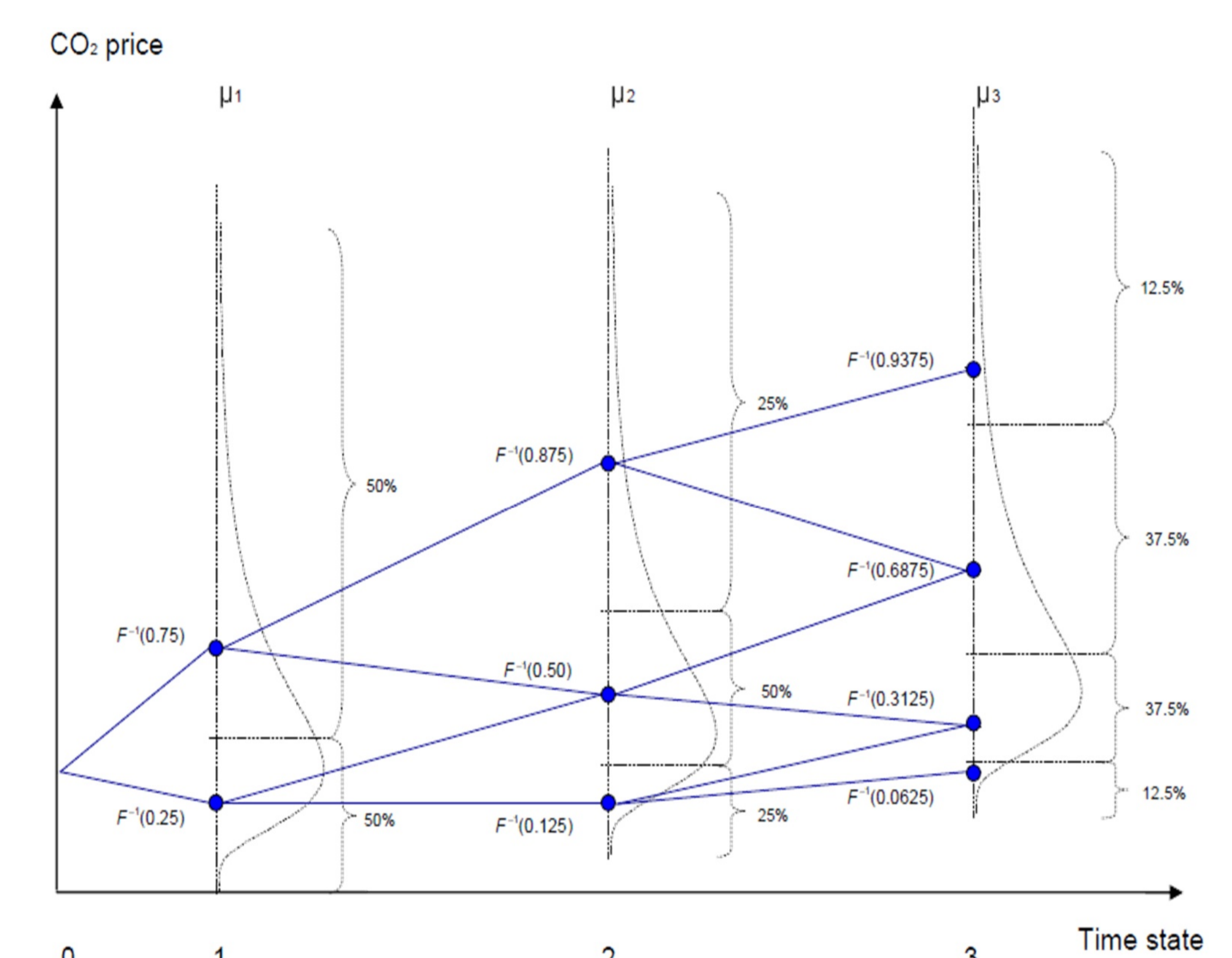
RPM-Decisions software



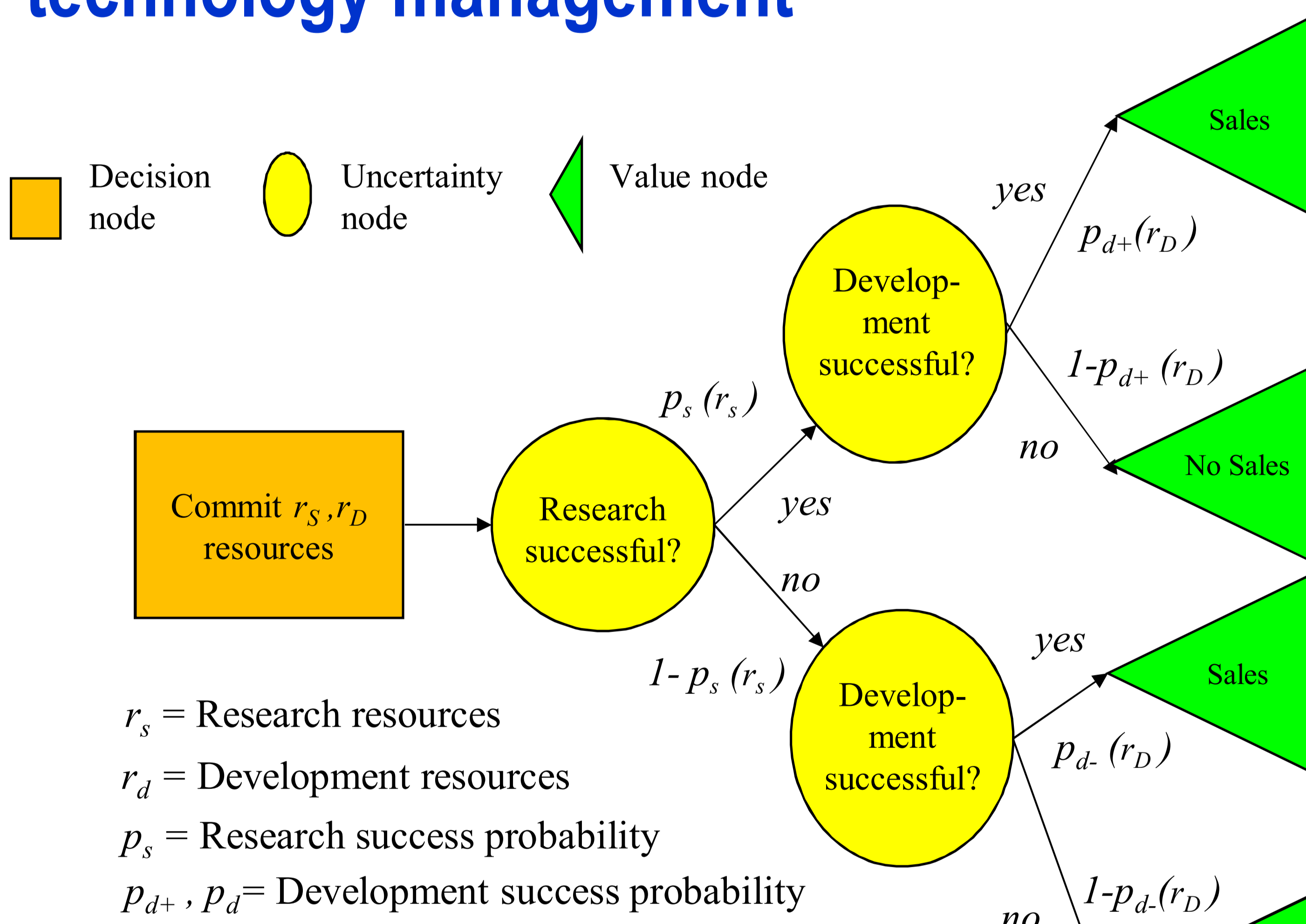
cost-efficiency analysis of weapon systems



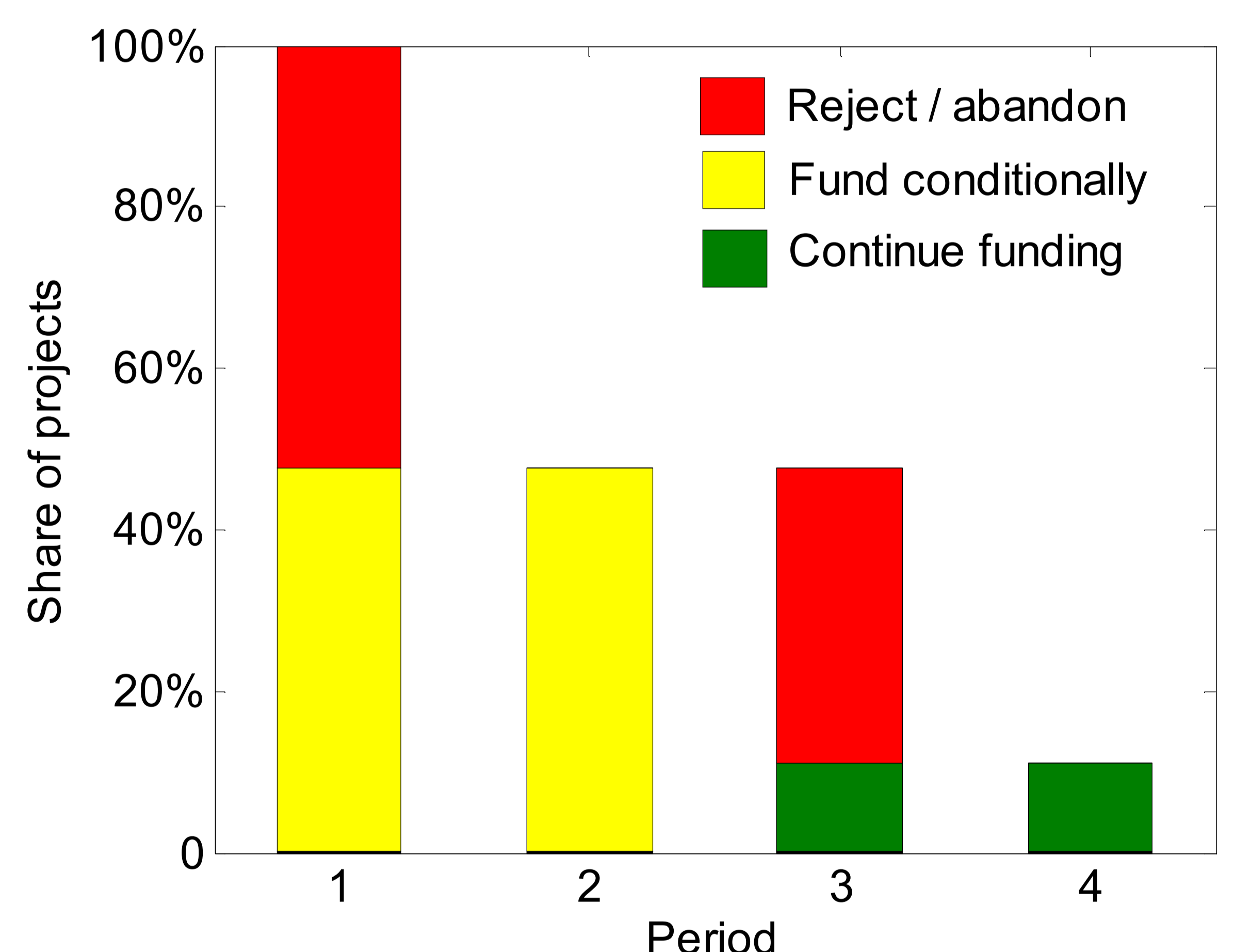
energy and natural resources



technology management



optimal project funding policies



selected publications

- J. Liesiö, A. Punkka: Baseline value specification and sensitivity analysis in multiattribute project portfolio selection, *European Journal of Operational Research*, 2014
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- A. Salo, A. Punkka: Ranking intervals and cominance relations for ratio-based efficiency analysis, *Management Science*, 2011
- A. Salo, J. Keisler, A. Morton (eds.): *Portfolio Decision Analysis: Improved Methods for Resource Allocation*, Springer, New York, 2011
- A. Toppila, J. Liesiö, A. Salo: A Resource allocation model for R&D investments - A case study in telecommunication standardization. In: A. Salo, J. Keisler and A. Morton (eds.), *Portfolio Decision Analysis: Improved Methods for Resource Allocation*, Springer, New York, 2011
- J. Liesiö, P. Mild, A. Salo: Robust Portfolio Modeling with incomplete cost information and project interdependencies, *European Journal of Operational Research*, 2008
- J. Gustafsson, A. Salo: Contingent Portfolio Programming for the management of risky projects, *Operations Research*, 2005