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Research paper published and communicated

1. Published in peer-reviewed journals

Shetty, U. and Pakkala, T.P.M. (2010a). Ranking of efficient DMUs based on single virtual inefficient DMU in DEA, *OPSEARCH*; 47(1); 50-72.

Shetty, U. and Pakkala, T.P.M. (2010b). Technical Efficiencies of Health Care System in Major States of India: An Application of NP-RDM of DEA formulation. *Journal of Health Management*; 12(4), (forthcoming).

Shetty, U. and Pakkala, T.P.M., (2010c). Multistage Method of Measuring Human Development through Improved Directional Distance Formulation of Data Envelopment Analysis: Application to Indian States, *OPSEARCH*, (accepted for publication).

2. Research papers communicated to peer-review journals

Shetty, U. and Pakkala, T.P.M., Generalized Efficiency Measure through Directional Distance Formulation of DEA, *Journal of Productivity Analysis*, (under first revision).

Shetty, U. and Pakkala, T.P.M., Discriminating efficient decision making units in directional distance formulation of data envelopment analysis by changing reference set, *Journal of Operations Research Society*, (under first revision).

Shetty, U., Pakkala, T.P.M. and Mallikarjunappa, T., A modified directional distance formulation of DEA to assess bankruptcy: an application to IT/ITES companies in India; *Experts Systems and Applications*, (under review).

Shetty, U. and Pakkala, T.P.M., Aggregate Directional Distance Formulation of DEA and with Integer Variables; *Annals of Operations Research*, (under review).