README for "Application of robust optimization in matrix-based LCI for decision making under uncertainty".

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Abstract

This document describes the implementation of the robust optimization approach introduced in the article "Application of robust optimization in matrix-based LCI for decision making under uncertainty" by Wang and Work, accepted for publication in the International Journal of Life Cycle Assessment. A preprint of the article is available for download on the second author's website. The source code is hosted at `https://github.com/renwang/Robust_Optimization_LCI_Uncertainty`.

1 License

2 Running the code

The provided m-files can be used to reproduce the results presented in the publication.

1. Generate figure one and figure two by running

   `main_solution.m`

2. Generate figure three by running

   `MC_Coal.m and MC_oil.m`