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A Decision Making Procedure for Robust Train Rescheduling based on Mixed Integer Linear Programming and Data Envelopment Analysis

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Highlights

- We present a procedure for robust real-time train rescheduling;
- The method allows coping with disturbances on the railway traffic;
- The approach allows restoring in real-time the proper functioning of the network;
- The offline self-learning increases the effectiveness of the procedure;
- The technique is applied to a regional railway network in Southern Italy.

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