

Accepted Manuscript

A MILP model for the Teacher Assignment Problem considering teachers' preferences

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PII: S0377-2217(15)00813-9
DOI: [10.1016/j.ejor.2015.08.057](https://doi.org/10.1016/j.ejor.2015.08.057)
Reference: EOR 13208



To appear in: *European Journal of Operational Research*

Received date: 15 May 2014
Revised date: 24 August 2015
Accepted date: 31 August 2015

Please cite this article as: B Domenech , A Lusa , A MILP model for the Teacher Assignment Problem considering teachers' preferences, *European Journal of Operational Research* (2015), doi: [10.1016/j.ejor.2015.08.057](https://doi.org/10.1016/j.ejor.2015.08.057)

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Highlights

- A MILP model for the Teacher Assignment Problem is developed.
- The equilibrium between teachers' load and teachers' preferences are maximized.
- The model resolution is validated for cases up to 50 teachers and 100 courses.
- The model is applied to a real department from a Spanish university.

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