## Accepted Manuscript

High Dimensional Data Classification and Feature Selection using Support Vector Machines

Bissan Ghaddar, Joe Naoum-Sawaya

PII:S0377-2217(17)30771-3DOI:10.1016/j.ejor.2017.08.040Reference:EOR 14659

To appear in: European Journal of Operational Research

Received date:	15 August 2016
Revised date:	16 August 2017
Accepted date:	21 August 2017

Please cite this article as: Bissan Ghaddar, Joe Naoum-Sawaya, High Dimensional Data Classification and Feature Selection using Support Vector Machines, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.08.040

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## Highlights

- We propose an embedded feature selection approach for support vector machines.
- The approach is based on iteratively adjusting the l1-norm of the classifier vector.
- We demonstrate the proposed approach on two real-life problems.
- The use cases include diagnosis of tumors and sentiment classification of reviews.

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