Title: Prediction of anti-cancer drug response by kernelized multi-task learning

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Highlights

- We proposed to use kernelized multi-task learning for anti-cancer drug activity prediction.
- The proposed method was found to outperform the previous methods in terms of cytotoxicity prediction on three different data sets.
- The method not only performs better but also requires few parameters.
- New drugs predicted by the method to be active against certain cell lines were listed.