Predicting Happiness Scores from Government Expenditure By Function

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Abstract

We are planning to use the dataset of general government expenditure of chosen countries in the last 15 years combined with the The world happiness report dataset to see how well happiness scores can be predicted from government expenditure. We would then like to see how should a hypothetical country divide its budget to maximise predicted happiness scores. For this purpose, we are planning to use a linear regression with polynomial features and/or a small network for comparison.