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(54) Title (EN): MUNICIPAL SOLVENCY INDEX

(54) Title (FR): INDICE DE SOLVABILITÉ MUNICIPALE

(57) Abstract:

(EN): An aspect includes creating a municipal solvency (MSX) database. The creating includes collecting and coding data from public sources about a plurality of municipalities. Predictive models are generated based on contents of the MSX database, the predictive models describing drivers of municipal solvency and predictors of material financial events (MFEs) for each of the municipalities. Probabilities of one or more MFEs are predicted for each of the municipalities, the estimating based on the predictive models. Indices that reflect solvency and a probability of an MFE for at least one of the municipalities are created. The indices are output.

(FR): Un aspect de l'invention concerne la création d'une base de données de solvabilité municipale (MSX). La création comprend les étapes consistant à : collecter et coder des données provenant de sources publiques et relatives à une pluralité de municipalités ; générer des modèles prédictifs sur la base de contenus de la base de données MSX, les modèles prédictifs décrivant des gestionnaires de solvabilité municipale et des prédicteurs d'événements financiers matériels (MFE) pour chacune des municipalités ; prédire des probabilités d'un ou plusieurs MFE pour chacune des municipalités, l'estimation étant basée sur les modèles prédictifs ; créer des indices qui reflètent la solvabilité et une probabilité d'un MFE pour au moins une des municipalités ; et sortir les indices.

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