Estimability of semiparametric switching meta-regression model[*]

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Abstract. The primary objective of this study is to assess the estimability of the proposed model, referred to as the mixed semiparametric switching meta-regression model. The model is expressed as a Generalized Additive Model (GAM), which accommodates a high-dimensional set of covariates not usually considered in metadata. Furthermore, the applicability of the mixed semiparametric switching meta-regression model in meta-analysis settings is established in this study.

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