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Development of identification method of regional budgets

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It is developed specification and identification methods for modeling revenues and expenditures of regional budgets. Factor variables are formulated, which determine the revenues and expenditures of the regional budgets. It is formalized the relationship of economic-mathematical econometric models. It is analyzed the identifiability of systems of simultaneous equations and application of mathematical methods of estimation of parameters of simultaneous equations for panel data. To find estimates of the coefficients of structural econometric models it is used variations of the method of least squares.

Keywords: *regional budget, econometric modeling, modeling, model, factor variables, formalization of the econometric models, statistical estimation of parameters, matrix covariance*

References

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