

SUMMARY

PEMODELAN PERSAMAAN STRUKTURAL DENGAN MAKSIMUM LIKELIHOOD DAN BOOTSTRAP PADA DERAJAT KESEHATAN DI PROPINSI SULAWESI SELATAN

STRUCTURAL EQUATION MODELLING WITH LIKELIHOOD'S MAXIMUM AND BOOTSTRAP ON HEALTH DEGREE AT SOUTH SULAWESI PROVINCE

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Subject : Analisis regresi
Subject Alt : Regression analysis
Keyword : CFA ; SEM ; Bootstrap ; Derajat Kesehatan

Description :

Structural Equation Models (SEM) yang juga dapat disebut sebagai simultaneous equation models adalah multivariate regression models. SEM mempunyai dua komponen model, yaitu measurement model dan structural model. SEM mempunyai dua tujuan dalam analisisnya yaitu untuk menentukan apakah model fit berdasarkan data yang dimiliki, dan untuk menguji berbagai hipotesis yang telah dibangun sebelumnya. Tujuan penelitian adalah mengkaji dan mengestimasi indikator-indikator dari suatu variabel laten (lingkungan, perilaku, pelayanan kesehatan dan derajat kesehatan) dengan pendekatan Confirmatory Factor Analysis (CFA), dan mengetahui faktor – faktor yang mempengaruhi derajat kesehatan dengan pendekatan SEM dan bootstrap SEM. Dari hasil penelitian menghasilkan bahwa derajat kesehatan di Provinsi Sulawesi Selatan dipengaruhi oleh tiga variabel konstruk (lingkungan, perilaku masyarakat dan pelayanan kesehatan masyarakat) dan semakin besar sampel Bootstrap yang diambil maka estimasi parameternya semakin konvergen ke estimasi parameter metode Maximum Likelihood.

Description Alt:

Structural Equation Models (SEM) one could also at conceive of simultaneous equation models are multivariate regression models . SEM has two model components, which is measurement is model and structural is model . SEM has two analisisnya's deep aims which is to determine if models fit base proprietary data, and to test a variety hypothesis already being built previous. To the effect research is mengkaji and mengestimasi is indicators of a laten's variables (environmentally, behaviour, health care and degree health) with approaching Confirmatory Factor Analysis (CFA), and knows factor – factor that regard health degree with SEM'S approaching and bootstrap SEM. Of research result results that health degree at Provinsi South Sulawesi regarded by three variabel konstruk (environmentally, society behaviour and society health care) and the greater sample Bootstrap who is taken therefore its parameter estimation gets convergent to parameter's estimation methodics Maximum Likelihood

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Thank You,

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