

Title:

DATA COMPRESSION DEVICE, DATA COMPRESSION METHOD, AND DATA
COMPRESSION PROGRAM

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ABSTRACT

Accurate model learning is facilitated. In a data compression device (100),
learning data serving as a target is acquired from predetermined time series data. In the
10 data compression device (100), the acquired learning data is divided based on an
explanatory variable included in the learning data, and a subspace is constructed. In the
data compression device (100), the learning data for each constructed subspace is
compressed and compressed learning data used for learning a regression model is generated.

15 FIG. 3