

The power of blocks: Matrix operators for statistics

Katarzyna Filipiak

Poznan University of Technology, Poland

Abstract

Partitioned matrices naturally appears in multivariate models, especially when particular covariance structure is assumed. In this talk we present, how two block-versions of standard matrix operator, trace of a matrix, can be used to simplify estimation of covariance matrix.

Keywords

Block-trace, Partial-trace, Projection, Estimation of partitioned matrix.

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