

Discussion: Reproducibility and Cross-study
Replicability of Prognostic Signatures from High
Throughput Genomic Data

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 - ▶ Study-level covariates and standards for genomic studies?

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- ▶ Cross-study validation is a more reliable statistical principle than cross-validation.
- ▶ However, can clinically useful genomic signatures be derived from statistical principles alone or is scientific validation necessary?
 - ▶ Should the need for scientific validation drive statistical methodology (e.g. hypothesis generation), as opposed to optimizing a statistical criterion?