

STARD-BLCM Guidelines

CA18208 HARMONY Zurich Training School -

<https://harmony-net.eu/>

Sonja Hartnack Valerie Hungerbühler Eleftherios Meletis

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STARD-BLCM guidelines

Update of STARD2015 statement/checklist for diagnostic test evaluation studies that use Bayesian Latent Class models (BLCMs).

Checklist of STARD items for studies that use BLCMs to estimate diagnostic test accuracy in the absence of a reference standard.

Objective: Facilitate improved quality of reporting on the design, conduct and results of diagnostic accuracy studies that use BLCMs.

- ▶ Examples and elaborations for each of the modified items are discussed in Kostoulas et al (2017).

Checklist available as Word document in Session's folder.

Group Work

- ▶ Please have a look at the paper from Kostoulas et al. (2017) 'STARD-BLCM: Standards for the Reporting of Diagnostic accuracy studies that use Bayesian Latent Class Models'
- ▶ Split in groups of five and read one of the available three papers (Bronsvort (2019), Bodenham (2021) or Lahuerta (2018)) and discuss if they comply with the STARD-BLCM guidelines.
 - ▶ The papers are located in: Day 2 - Session 1 - STARD-BLCM papers.
- ▶ Prepare a brief summary-presentation (.ppt file), summarising the paper and assessing compliance with STARD-BLCM guidelines.

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