

Assessing the Markov assumption in multi-state models

Marta Azevedo

CMAT (SAPOR)

Abstract.

We propose a joint inference framework for assessing the Markov assumption in multi-state models by comparing pooled and landmark Aalen–Johansen estimators. The method allows both global and local assessment of discrepancies across prespecified landmarks and times, and is illustrated through simulations and colon-cancer data.