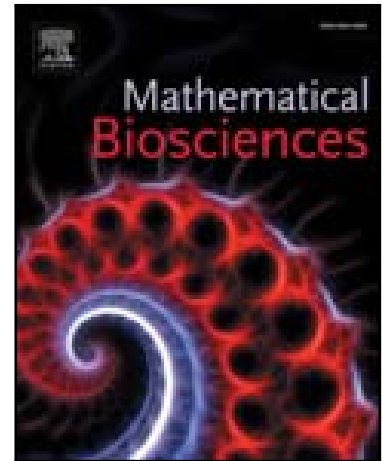


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How to choose biomarkers in view of parameter estimation

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Highlights

- A method to automatically design numerical biomarkers is proposed.
- The numerical biomarkers are sought as the solution of a sparse optimization problem.
- The use of numerical biomarkers leads to better-conditioned parameter estimation problems.
- The approach is illustrated with realistic applications in electrophysiology and hemodynamics.

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