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Learning Pharmacokinetic Models for in vivo Glucocorticoid Activation

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Highlights

- Mechanistic learning combines mechanistic models and machine learning for data analysis
- Probabilistic inference models permit learning of clusters for in vivo glucocorticoid activation
- Exploratory analysis of partially observed and irregularly sampled time series data
- Structural parameter relationships can be analysed for physiological explanation
- Clustered AUC of Prednisolone concentration shows weak correlation with BMI for males

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