

S6 Text: AUPR curves of different inference  
methods and case-studies  
Data-driven reverse engineering of signaling pathways using  
ensembles of dynamic models

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# 1 AUPR curves for different algorithms and case-studies

## 1.1 Case study 1a (MAPKp)

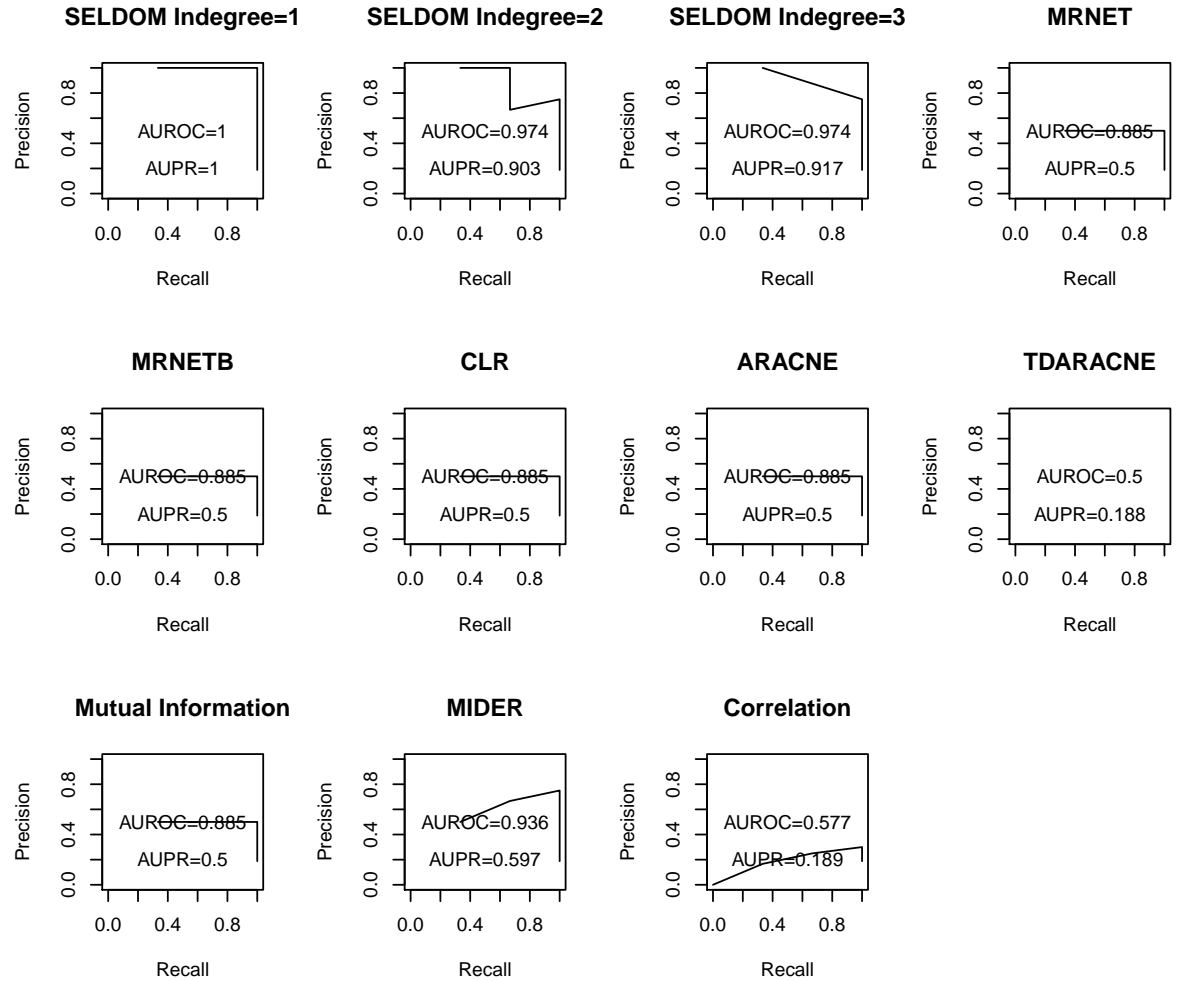


Figure 1: *AUPR curves of different inference methods for case study 1a (MAPKp).*

## 1.2 Case study 1b (MAPKf)

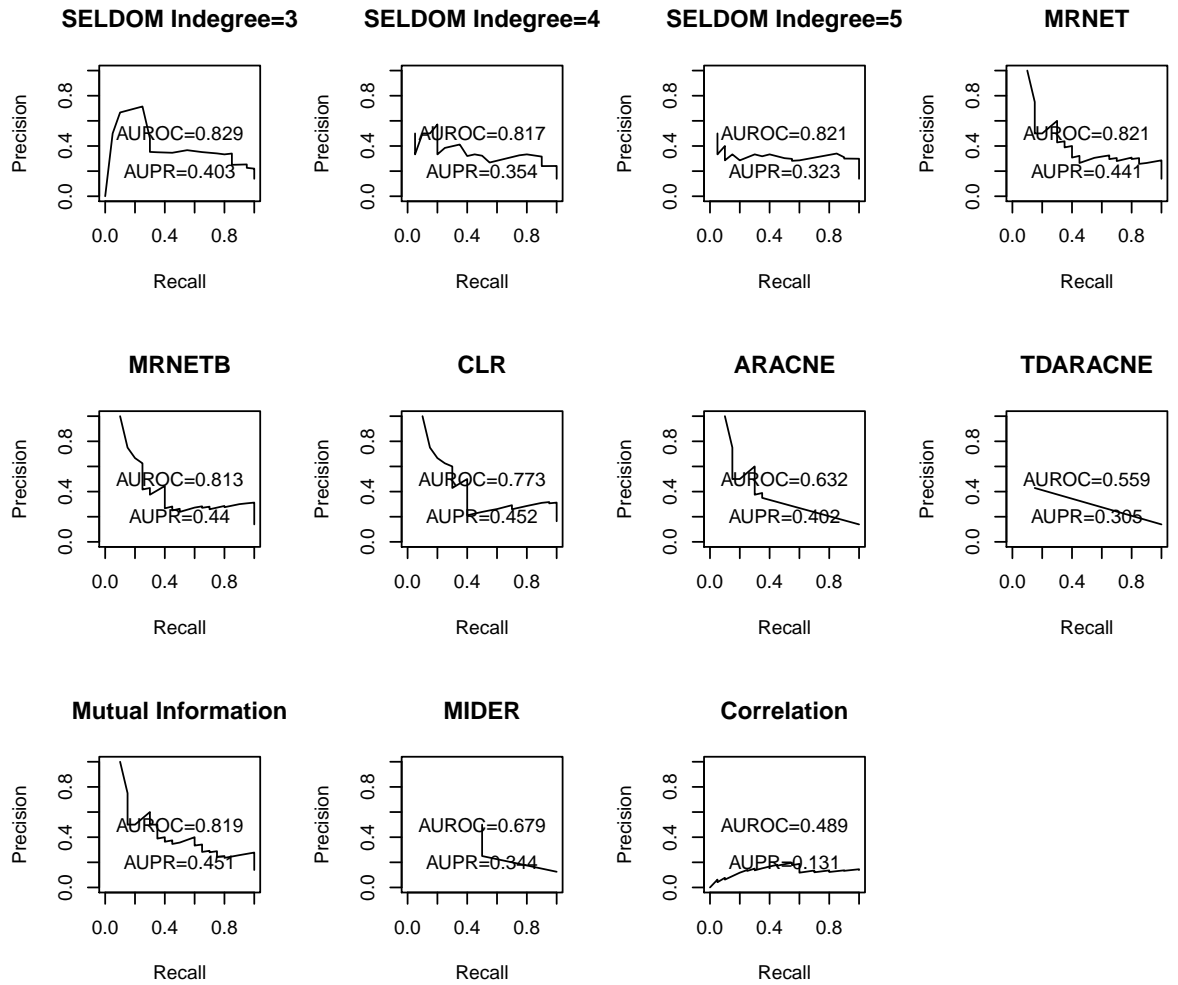


Figure 2: *AUPR curves of different inference methods for case study 1b (MAPKf).*

### 1.3 Case study 2 (SSP)

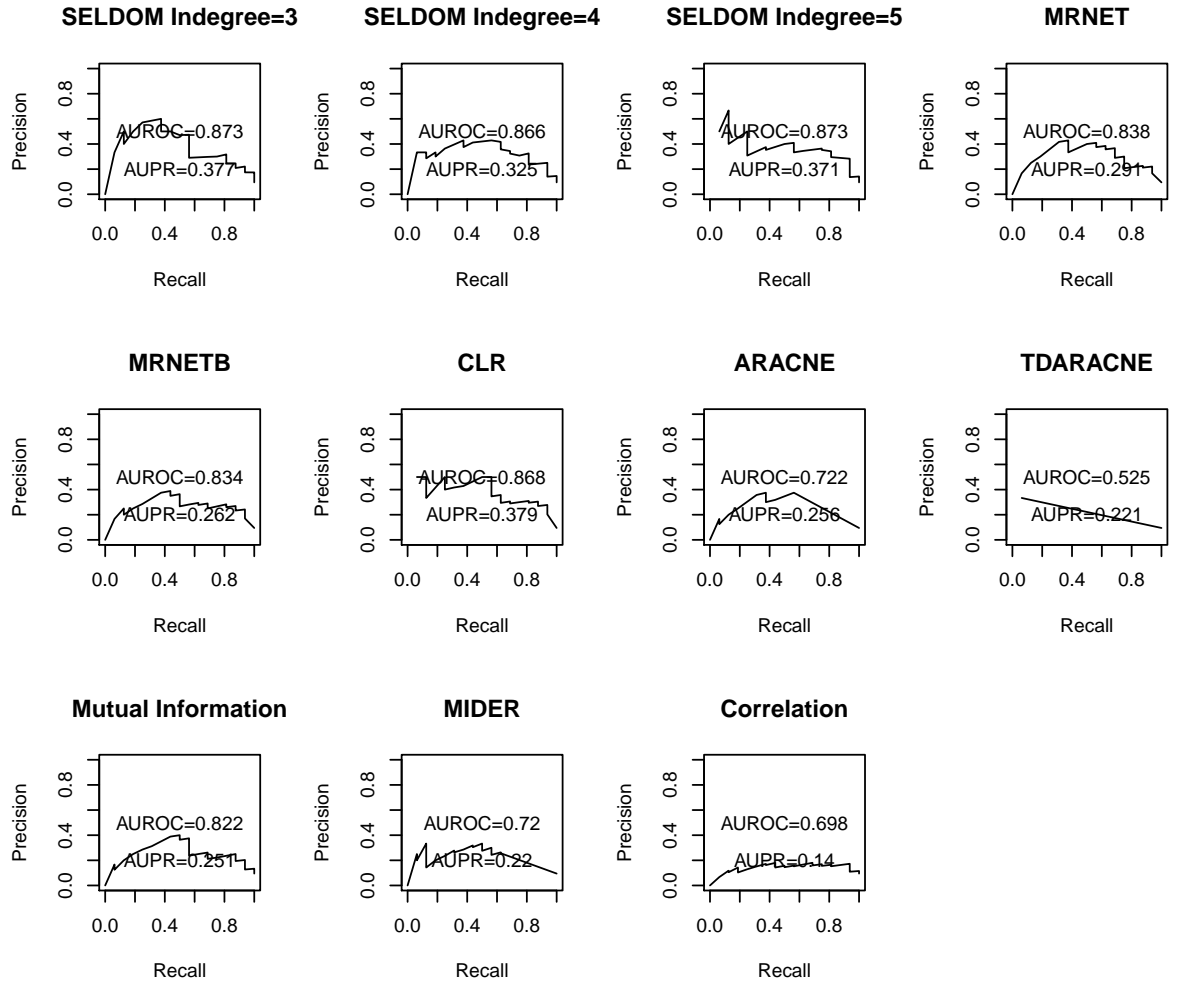


Figure 3: *AUPR curves of different inference methods for case study 2 (SSP).*

## 1.4 Case study 3 (DREAMiS)

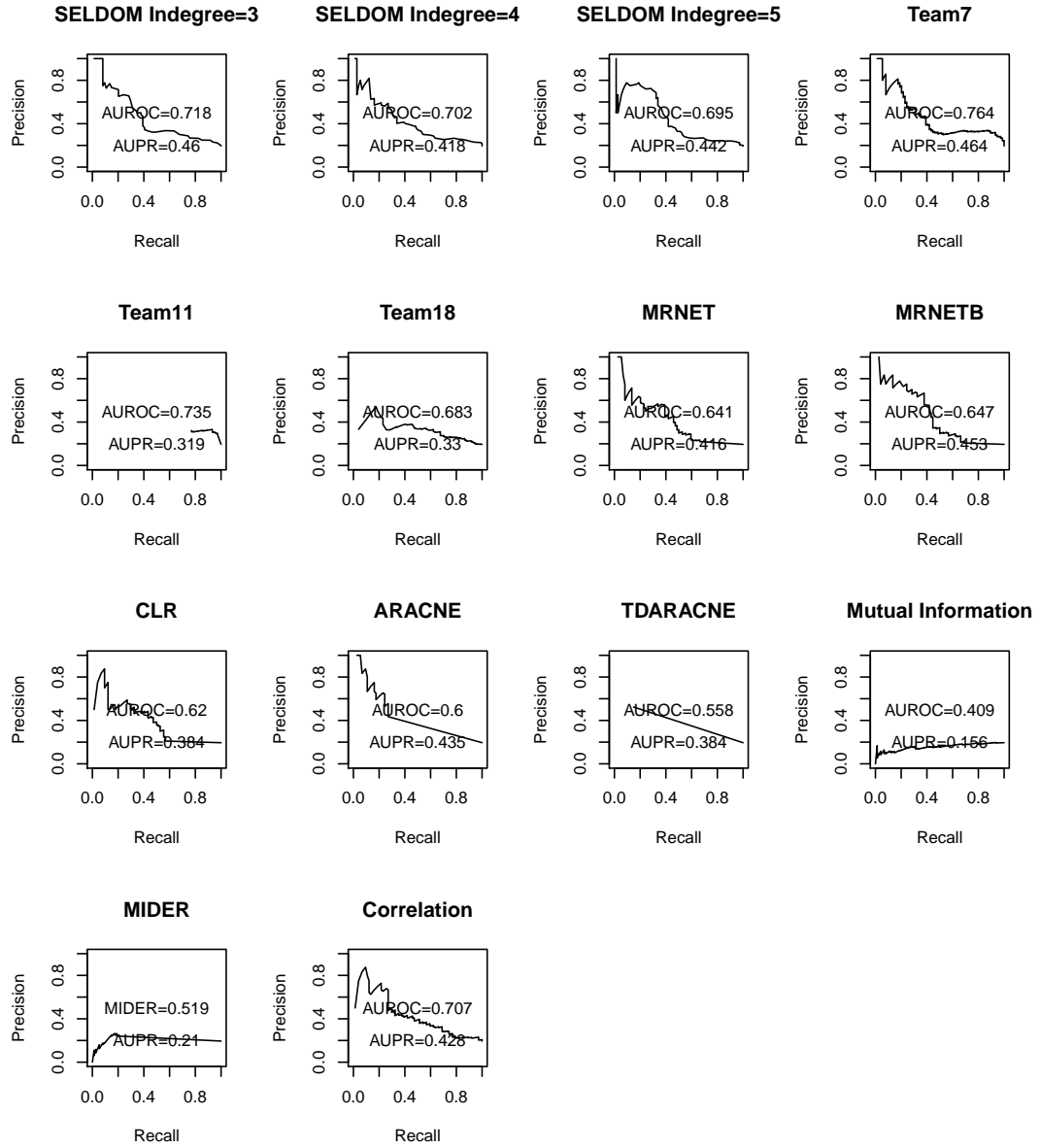


Figure 4: *AUPR* curves of different inference methods for case study 3 (*DREAMiS*).