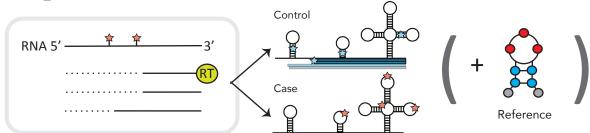


Statistical reproducibility evaluation of high-throughput structure analyses for robust RNA recativity classification

Input



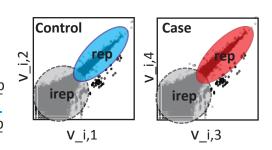
IDR+HMM



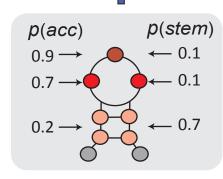
3 latent classes h

- 1. accessible case rep x cont irep
- 2. stem case irep x cont rep
- 3. unmappable case irep x cont irep

 $Q(\boldsymbol{\theta}|\boldsymbol{\theta}') = \sum_{h \in H} P(\boldsymbol{h}|\boldsymbol{v}, \boldsymbol{\theta}') \log \left(P(h_0|\boldsymbol{\theta}) \prod_{i=0}^{L-1} \underline{P(h_{i+1}|h_i, \boldsymbol{\theta})} \prod_{i=1}^{L} \underline{P(\boldsymbol{v}_i|h_i, \boldsymbol{\theta})} \right)$



Output



- + Correlation strength ρ
- + Ratio of true signal C