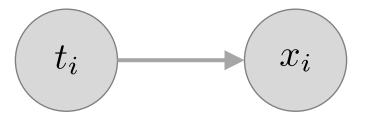


Method for training Latent Variable Models



- Method for training Latent Variable Models
- Handles missing data

	High school grade	University grade	IQ score	Phone Interview
John	4.0	4.0	120	3/4
Helen	3.7	3.6	N/A	4/4
Jack	3.2	N/A	112	2/4
Emma	2.9	3.2	N/A	3/4

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$$\Sigma_c \succ 0$$

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- Handles missing data
- Sequence of simple task instead of one hard
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- Helps with complicated parameter constraints
- Numerous extensions:
 - Variational E-step: restrict the set of possible q
 (week 3 and 5)
 - Sampling on M-step (week 4)

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Cons

- Only local maximum (or saddle point)
- Requires math:)