Prediction


Correction
$s_{n-1}=0$ $\mathrm{s}_{\mathrm{n}-1}=1$ $\uparrow$ component-wise view $\downarrow$ marginalized view


## Correction

Condition components on observation $\mathbf{y}_{\mathrm{n}}$ Weight according to observation likelihood

Accumulate marginal likelihoods


Posterior filtering distribution at $\mathbf{t}_{\mathrm{n}}$

