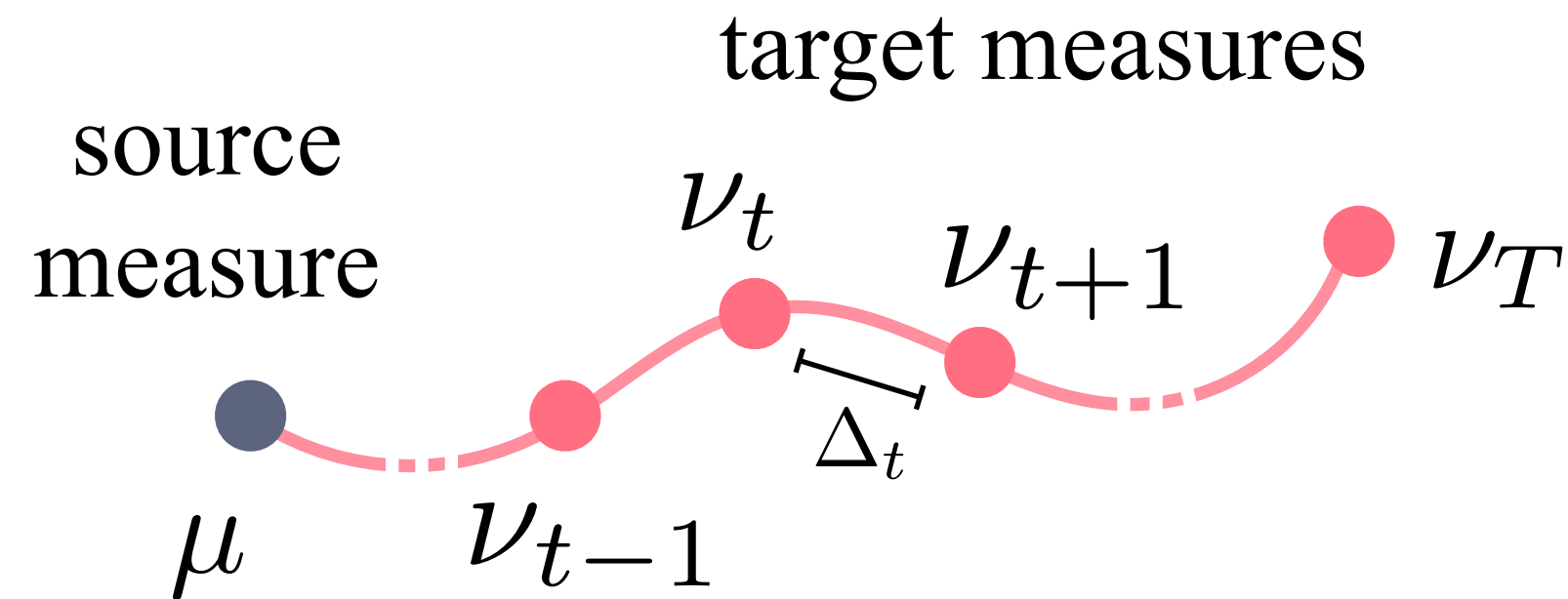


**a.** .. by scalar

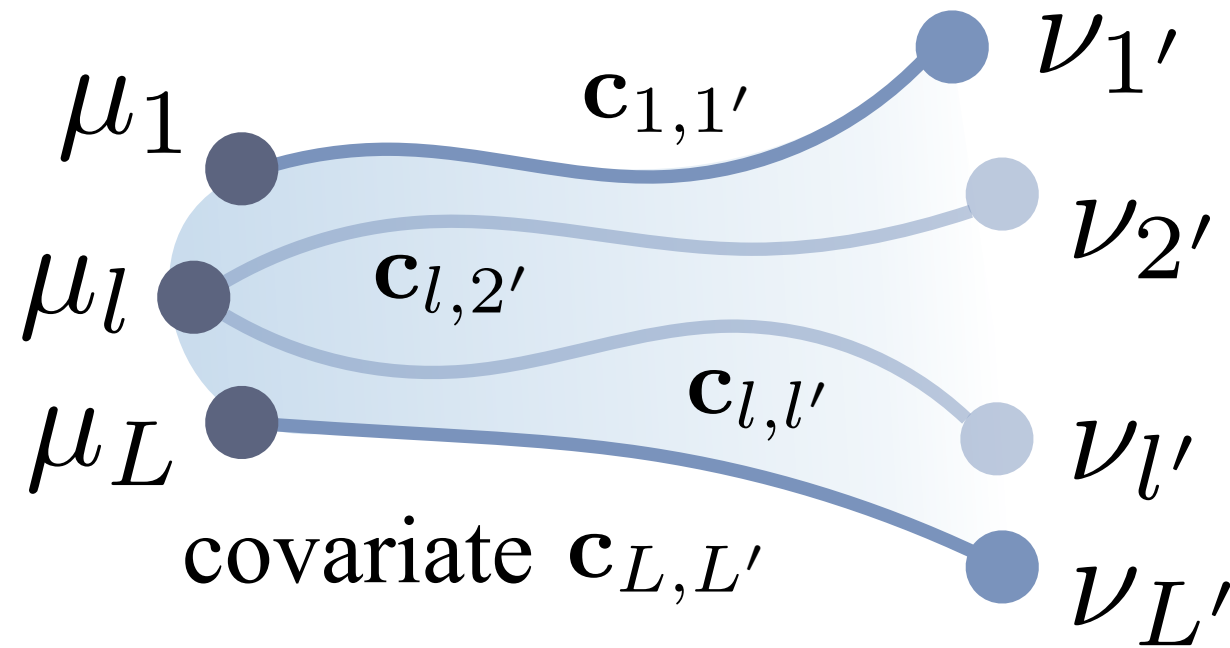
e.g., time-course or dosage levels



.. learn  $\mathcal{T}_\theta(t)_\# \mu$

**b.** .. by covariate

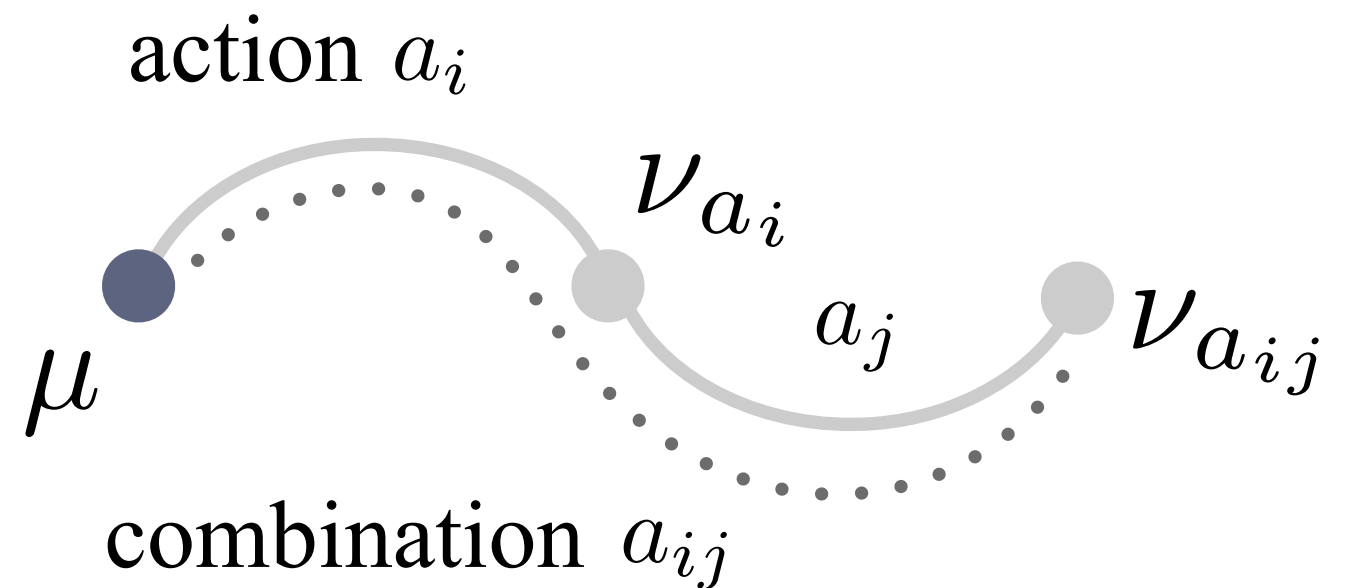
e.g., metadata or identifiers



.. learn  $\mathcal{T}_\theta(\mathbf{c}_{l,l'})_\# \mu$

**c.** .. by action

e.g., perturbations or decisions



.. learn  $\mathcal{T}_\theta((a_i, a_j))_\# \mu$