$$\mathcal{V} = \{ w_1, w_2, w_3, \dots, w_{|\mathcal{V}|} \}$$

$$\phi_{w_1}^{(t_1)} \phi_{w_2}^{(t_1)} \phi_{w_1}^{(t_2)} \phi_{w_3}^{(t_2)} \phi_{w_{|\mathcal{V}|}}^{(t_2)}$$

$$\text{Topic } t_1 \qquad \text{Topic } t_2 \qquad \text{Topic } t_{|\mathcal{T}|}$$