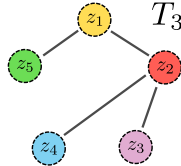
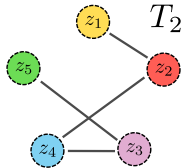
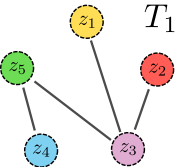


Random Spanning Trees are used approximate the MRF



$$p_{\max}(z_i = r \mid T_1)$$

$$p_{\max}(z_i = r \mid T_2)$$

$$p_{\max}(z_i = r \mid T_3)$$

$$\bar{p}_{\max}(z_i = r \mid \mathbf{T})$$

**Average Max-marginals
used for candidate ranking**