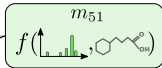
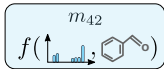


**Random Variables**



**Potential candidate assignment pairs**



$\psi_{45}(z_4 = 2, z_5 = 1)$

$$= \sigma(\text{sign}(t_4 - t_5) \mathbf{w}^T (\phi(\text{benzaldehyde}) - \phi(\text{cyclohexylpropanoic acid})))$$