

$$\tilde{e}_1, \dots, \tilde{e}_{m+k} \quad \sim \textit{ORDER} | e_1, \dots, e_m, e'_1, \dots, e'_k$$

$$\tilde{f}_1, \dots, \tilde{f}_{n+k} \quad \sim \textit{ORDER} | f_1, \dots, f_n, f'_1, \dots, f'_k$$