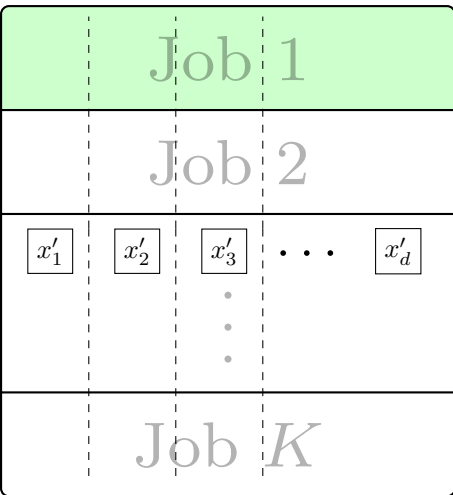
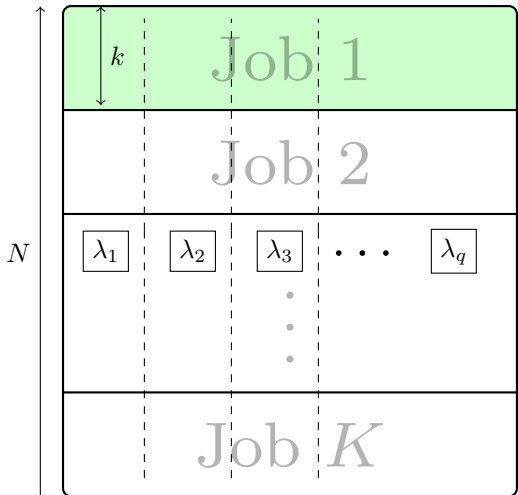


Training Features



$$\mathbf{X}'_{tr} \in \mathbb{R}^{N \times e}$$

Training Labels



$$\mathbf{Y}_{tr} \in \{0, 1\}^{N \times q} \text{ and } k \ll N$$