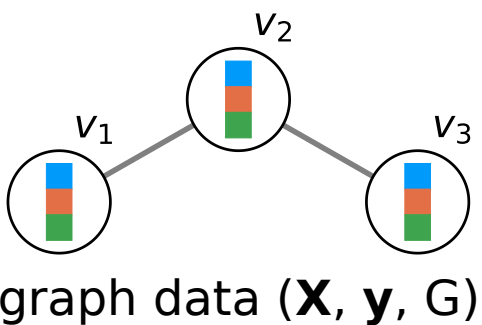
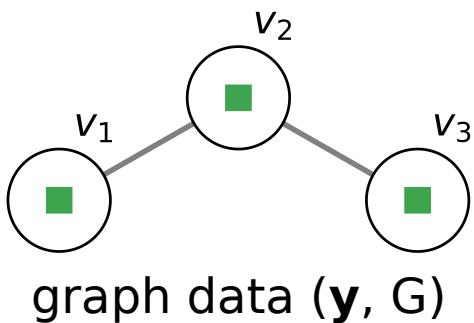
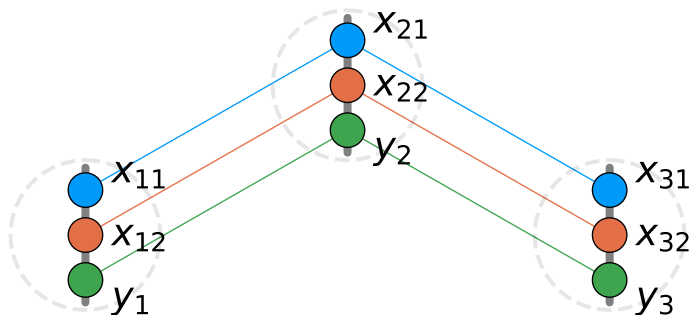
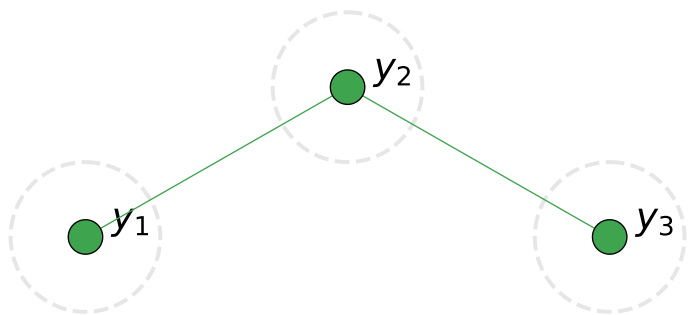
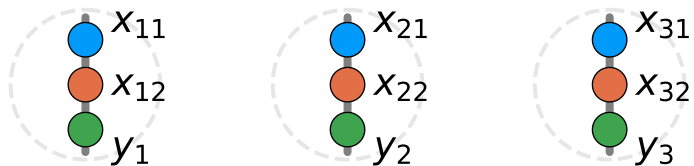


Data Type



Graph Attribute Field



condition on \mathbf{X}

condition on \mathbf{y}_L

condition on \mathbf{X}

Linear Discriminative Algo.

linear regression
 $E[\mathbf{y}_U|\mathbf{X}] = (\mathbf{X}\beta)_U$

label propagation
 $E[\mathbf{y}_U|\mathbf{y}_L] = -(\mathbf{I} + \omega\mathcal{L})_{UU}^{-1}(\mathbf{I} + \omega\mathcal{L})_{UL}\mathbf{y}_L$

linear regression with FS
 $E[\mathbf{y}_U|\mathbf{X}] = [(\mathbf{I} + \omega\mathcal{L})^{-1}\mathbf{X}\beta]_U$

condition on \mathbf{y}_L

+nonlinearity

residual propagation

$E[\mathbf{y}_U|\mathbf{X}, \mathbf{y}_L] = \dots$

graph convolutional network