Supplementary material: Node-structured Integrative Gaussian Graphical Model Guided by Pathway Information

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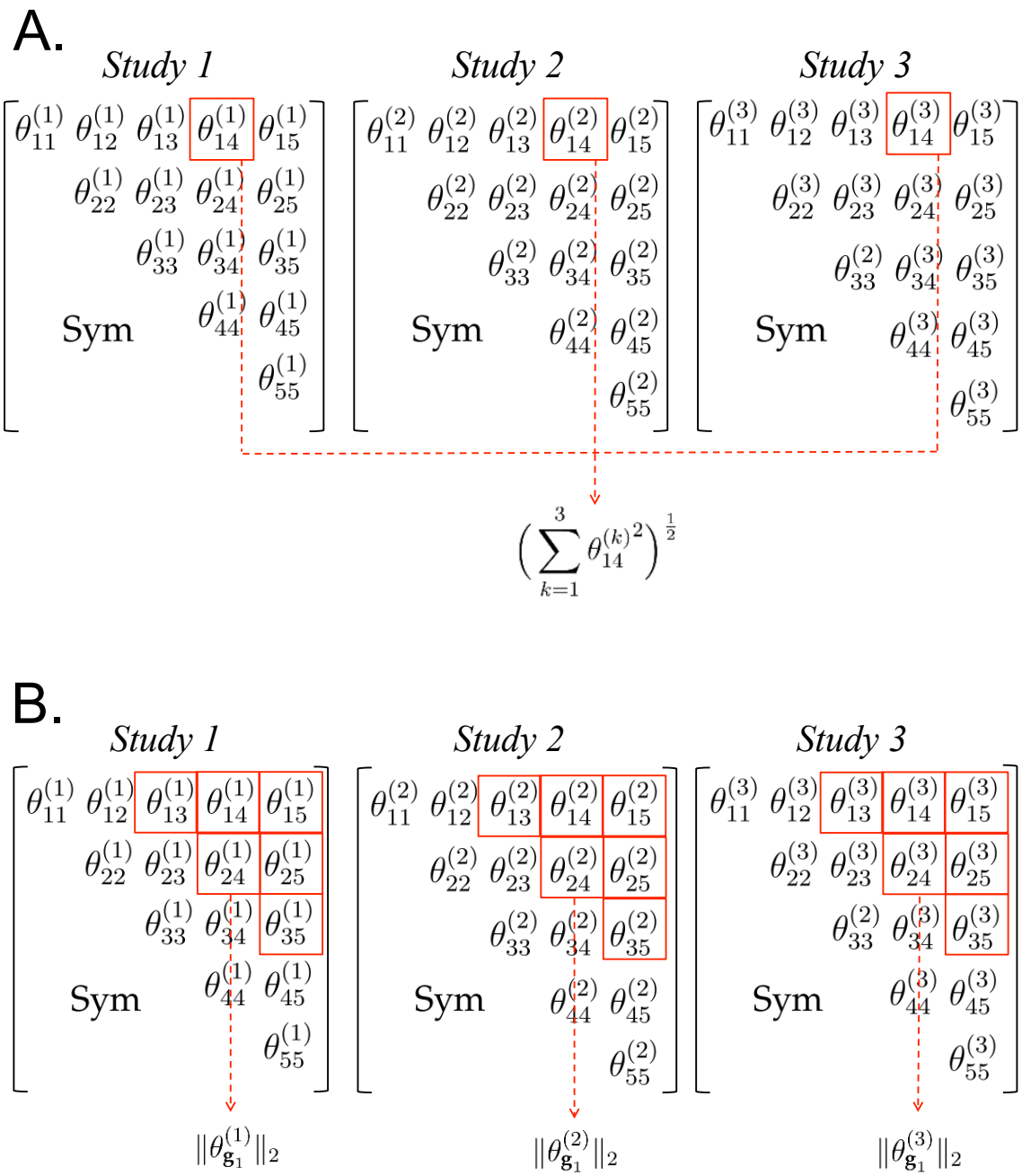

Figure 1: Shown are the examples of each group lasso regulating precision matrices of multiple studies - (A) Joint graphical lasso (JGL) integrates three elements across precision matrices introduced in Joint Gaussian graphical model (JGGL) / (B) six elements of modules g_1 that originates from three nodes in a pathway are simultaneously taken in $\|\theta_{\mathbf{g}_1}^{(k)}\|_2$ for $k = 1, 2$ and 3.