

A heatmap showing the correlation matrix for node pairs. The x-axis and y-axis are both labeled 'Node pairs' and list the following pairs: 1-2, 1-3, 2-3, 0-1, 0-2, 0-3, 1-4, 2-4, 3-4, and 0-4. The color scale ranges from -1.00 (dark blue) to 1.00 (dark red), with 0.00 being white. The diagonal elements (where the pair is compared to itself) are all 1.00 (dark red). The off-diagonal elements show varying degrees of correlation, with some pairs like 0-2 and 0-3 showing strong negative correlations (dark blue).

