

A heatmap showing the correlation matrix for node pairs. The x-axis and y-axis are both labeled 'Node pairs' and include the following categories: 1-2, 1-3, 1-4, 1-5, 2-3, 2-4, 2-5, 3-4, 3-5, and 4-5. The color scale ranges from -1.00 (dark purple) to 1.00 (dark orange), with 0.00 being white. The diagonal elements (where the node pair is the same) are all 1.00. The off-diagonal elements show varying degrees of correlation, with some pairs like (1-2, 2-3) showing strong negative correlation (dark purple) and others like (1-2, 3-4) showing strong positive correlation (dark orange).

