



**Supplementary Figure 7.** Difference in maximum degree between subsampled and original abundance-based networks across sampling algorithms and abundance levels. Absolute differences (subsampled networks' minus original networks') are averaged over twenty replicates. Top row: direct method; bottom row: combined method. In each heatmap, columns indicate subsampling percentages, and rows indicate sampling algorithms. Panels grouped by abundance level (Low, Medium, High, left to right). Lighter color indicates smaller difference.