

Figure 1: Second spectral moment m_2 value with Batch Edge Removal. x : proportion of edges removed; y : m_2 .

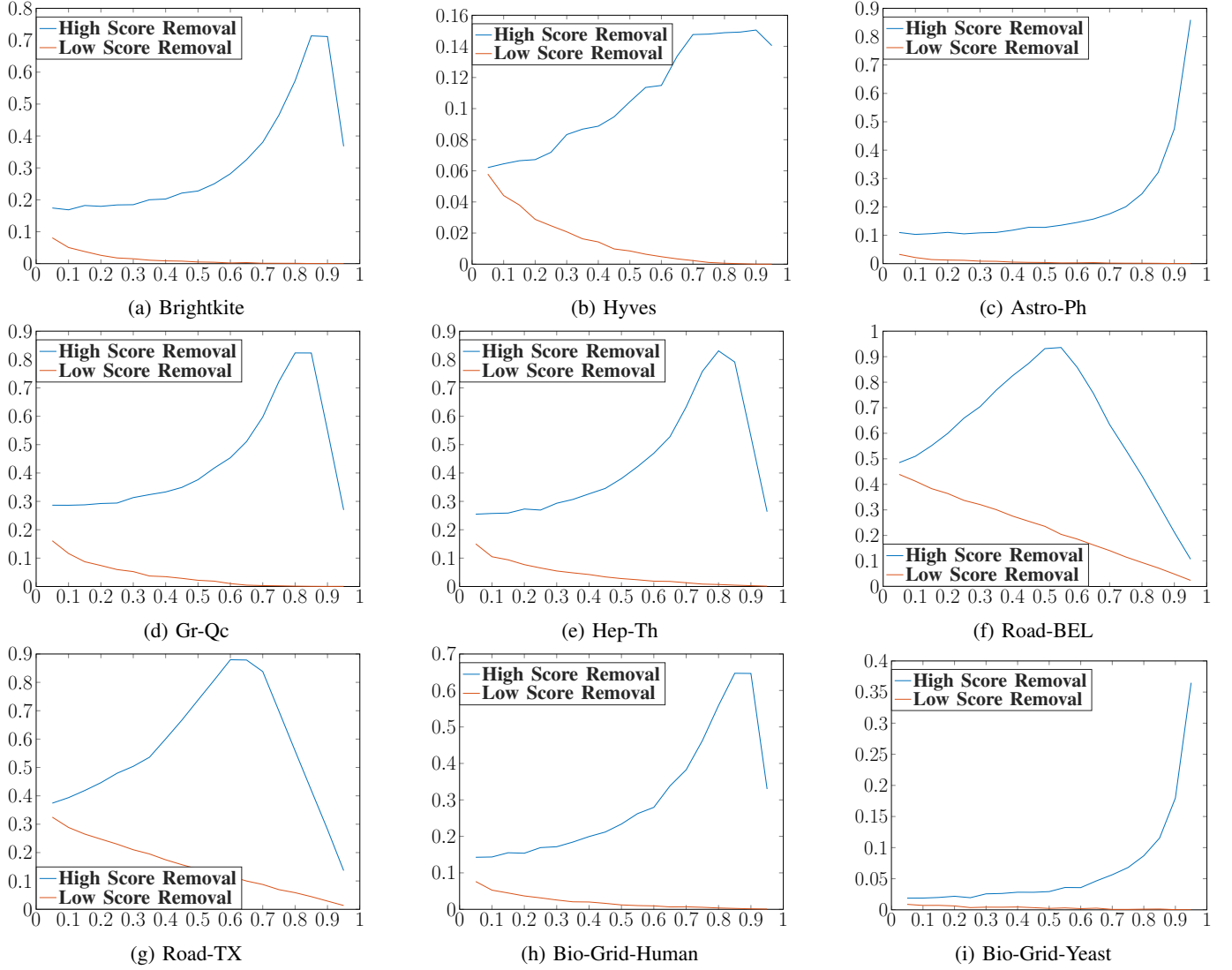


Figure 2: Second Spectral Moment m_2 with Sequential Edge Removal. x : fraction of removed edges; y : m_2 . (Note: For large graphs with more than 5 million edges such as Livejournal and Orkut, sequential edge removal is too time-consuming to compute, as sequential edge removal requires update on the order each time we remove only the top-1 edge.)