Edge−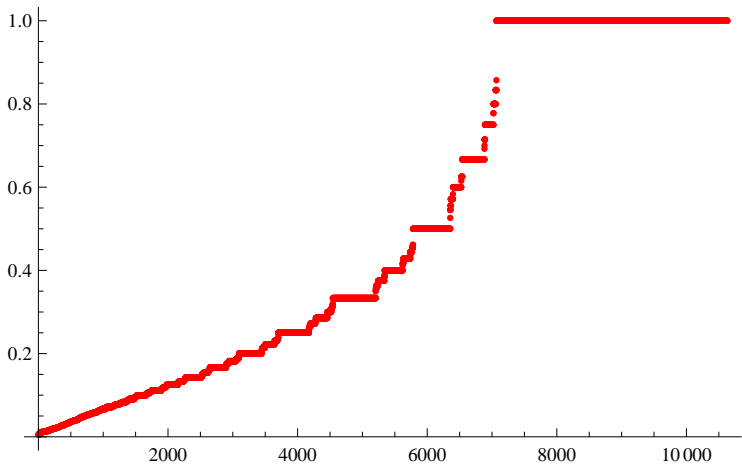Adding Overlap, k = 2