Patrick Pegus Homework 1 March 4, 2015 CMPSCI-645 Prof. Meliou Wenzhao Liu

In both plots, the near linear curves on the log-log scale suggest a power law relationship between k and f(k).

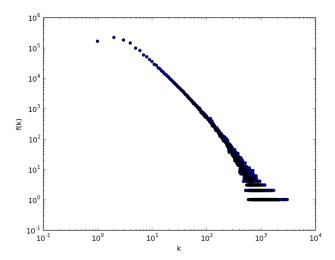


Figure 1: k = collaborator count, f(k) = number of authors having k collaborators

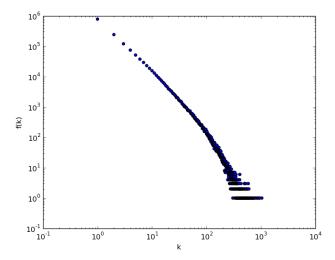


Figure 2: k = publication count, f(k) = number of authors having k publications