1053-05-249 **Alexander Burstein*** (`aburstein@howard.edu`), Department of Mathematics, Howard University, Washington, DC 20059. *On joint distribution of adjacencies and some Eulerian and Mahonian statistics.* Preliminary report.

We prove several results on the joint distribution on permutations of the number of adjacencies (descents by 1) and some Eulerian and Mahonian statistics. We also show that a certain bistatistic on Viennot's alternative tableaux is Euler-Mahonian. (Received September 07, 2009)