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John W. Tukey: his life and professional contributions
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Presentation on theme: “John W. Tukey's Multiple Contributions to Statistics at Merck Joseph F. Heyse Merck Research Laboratories Third International Conference on Multiple Comparisons.”

2 Heyse/JWT-Merck 2 Overview 

u Professor John W. Tukey began consulting with Merck Sharp and Dohme Research Laboratories in 1953 and continued until 2000. u Prior to 1953 John was a consultant to Merck in the area of manufacturing. u Through the years John made major contributions to the statistical aspects of all major research disciplines u His consultations led to the establishment of Merck and industry standards for several statistical approaches. 

John W. Tukey: His Life and Professional Contributions published in The Annals of Statistics. John Wilder Tukey (1915–2000) in Notices of the American Mathematical Society. Memories of John Tukey. Short biography by Mary Bittrich. "John Tukey, 85, Statistician; Coined the Word 'Software'”, The New York Times, 2000-07-28. "Remembering John W. Tukey", special issue of Statistical Science. John Wilder Tukey at the Mathematics Genealogy Project. v. Meet John W. Tukey, one of the most consequential statisticians and original thinkers of the twentieth century. Growing up one hundred years ago in New Bedford, Massachusetts, a large coastal town primarily known for its commercial fishing and textile industries, John Wilder Tukey quickly showed himself to be a child prodigy. In Adventures of a Statistician, author Mark Jones Lorenzo chronicles John Tukey's life and times, from his decades spent at Princeton as a teacher and administrator and also at AT&T's Bell Laboratories as a scientific generalist; to his development of the fast Fourier transform (FFT) algorithm, which launched a revolution in digital signal processing; to his innovative ideas in displaying. Contributors, some of them Tukey's former students, use his general theoretical work and his specific contributions to Exploratory Data Analysis as the point of departure for their papers. They cover topics from "pure" data analysis, such as gaussianizing transformations and regression estimates, and from "applied" subjects, such as the best way to rank the abilities of chess players or to estimate the abundance of birds in a particular area. Tukey may be best known for coining the common computer term "bit," for binary digit, but his broader work has revolut... The opening material of this volume contains a short biography and a curriculum vitae which exhibit many facets of John W. Tukey's extraordinary life and personality.