1106-26-407 **Zengtai Gong**, College of mathematics and stattiscas sciences, Northwest Normal University, Lanzhou, 730070, P. R. China, **Lu Zhang**, Department of Basic Teaching, Shanxi Technology and Basiness College, Taiyuan, 030006, P. R. China, and **Xinyun Zhu*** (zhu_x@utpb.edu), University of Texas of the Permian Basin, Odessa, TX 79762. *The Statistical convergence for sequences of fuzzy-number-valued functions.* Preliminary report.

Based on the concept of statistical convergence of sequences of fuzzy numbers, the statistical convergence, uniformly statistical convergence and equi-statistical convergence of sequences of fuzzy-number-valued functions are defined and investigated in this paper. The relationship among statistical convergence, uniformly statistical convergence and equi-statistical convergence of sequences of fuzzy-number-valued functions and their representations of sequences of α-level cuts are discussed. In addition, the Egorov and Lebesgue Theorems for the statistical convergence of sequences of fuzzy-number-valued functions are obtained in a finite measure set. Finally, the statistical convergence in measure for sequences of fuzzy-number-valued functions is investigated, and it is proved that the outer and inner statistical convergence in measure are equivalent in a finite measure set for a sequence of fuzzy-number-valued functions. (Received August 27, 2014)