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*Statistical convergence of sequences
of functions with values in semi-uniform spaces*

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Abstract: We study several kinds of statistical convergence of sequences of functions with values in semi-uniform spaces. Particularly, we generalize to statistical convergence the classical results of C. Arzelà, Dini and P. S. Alexandroff, as well as their statistical versions studied in [Caserta A., Di Maio G., Kočinac L. D. R., *Statistical convergence in function spaces*, Abstr. Appl. Anal. 2011, Art. ID 420419, 11 pp.] and [Caserta A., Kočinac L. D. R., *On statistical exhaustiveness*, Appl. Math. Lett. **25** (2012), no. 10, 1447–1451].

Keywords: statistical convergence; semi-uniform space; sequence; function; continuity

AMS Subject Classification: 54E15, 54A20, 40A30, 40A35

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