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Jeff Connor* (connorj@ohio.edu), Department of Mathematics, Ohio University, Athens, OH 45701, and **Ekrem Savas**, Istanbul Ticaret University, Istanbul, Turkey. *Lacunary Statistical and Sliding Window Convergence for Measurable Functions*. Preliminary report.

A class of summability methods, called sliding window methods, for measurable real valued functions defined on $[0, \infty)$ is introduced. These methods are based on the methods of statistical convergence and lacunary statistical summability for sequences. Analogs of inclusion and consistency theorems for the sequential methods are established, along with examples, and a Cauchy criteria is given. (Received September 09, 2013)