

COMPLETE CONVERGENCE FOR THE MAXIMUM OF WEIGHTED SUMS OF m -WIDELY ORTHANT DEPENDENT RANDOM VARIABLES SEQUENCES

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Abstract. In this paper, we investigate complete convergence for the maximum of weighted sums of m -widely orthant dependent (m -WOD) random variables sequences under general conditions. The m -WOD random variable sequences represent a broad class of dependency structures, so our results extend and improve the corresponding ones in the literature.

Mathematics subject classification (2020): 60F15.

Keywords and phrases: m -WOD random variable sequences, weighted sums, complete convergence.

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