

COMPLETE MOMENT CONVERGENCE FOR WEIGHTED SUMS OF m -ASYMPTOTIC NEGATIVELY ASSOCIATED RANDOM VARIABLES

XIN DENG, FENBING ZHOU, YI WU AND XUEJUN WANG*

Abstract. In the paper, we establish the complete moment convergence and complete convergence for weighted sums of arrays of rowwise m -asymptotic negatively associated random variables. As an application, the strong law of large numbers for weighted sums of m -ANA random variables is presented. The obtained results generalize the corresponding ones for NA random variables and ρ^* -mixing random variables.

Mathematics subject classification (2020): 60F15.

Keywords and phrases: m -ANA random variables, complete moment convergence, complete convergence, strong law of large numbers.

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