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**Complete convergence for arrays of rowwise asymptotically almost negatively associated random variables.** (English) [Zbl 1235.60026](#)

Discrete Dyn. Nat. Soc. 2011, Article ID 717126, 11 p. (2011).

Summary: Let  $\{X_{ni}, i \geq 1, n \geq 1\}$  be an array of rowwise asymptotically almost negatively associated random variables. Sufficient conditions for complete convergence for arrays of rowwise asymptotically almost negatively associated random variables are presented without the assumption of identical distribution. As an application, a Marcinkiewicz-Zygmund type strong law of large numbers for weighted sums of asymptotically almost negatively associated random variables is obtained.

**MSC:**

60F15 Strong limit theorems

Cited in **3** Reviews  
Cited in **11** Documents

**Keywords:**

complete convergence; Marcinkiewicz-Zygmund type strong law of large numbers; asymptotically almost negatively associated random variables

**Full Text:** [DOI](#)

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