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Title: Convergence rates in the strong law of large numbers for negatively orthant dependent random variables with general moment conditions

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Let $\{a_n, n \geq 1\}$ be a sequence of real numbers with $0 < a_n/n^{1/p} \uparrow$ for some $1 \leq p < 2$, and let $\{X, X_n, n \geq 1\}$ be a sequence of identically distributed negatively orthant dependent random variables. In this paper, it is shown that $\sum_{n=1}^{\infty} n^{r-1} \times P\{|X| > a_n\} < \infty$ is equivalent to $\sum_{n=1}^{\infty} n^{r-2} P\{\max_{1 \leq m \leq n} |S_m - mEXI(|X| \leq a_n)| > \varepsilon a_n\} < \infty, \forall \varepsilon > 0$, where $r \geq 1$ and $S_n = \sum_{k=1}^n X_k$.

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