

# Erratum: *Central limit theorems for eigenvalues in a spiked population model* [Annales de l'Institut Henri Poincaré – Probabilités et Statistiques 2008, Vol. 44, No. 3, 447–474]

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The proof of Theorem 7.1 repeatedly uses the fact that the sequence of Hermitian matrices  $(A_n)_{n \geq 1}$  is bounded in spectral norm, that is  $\sup_n \|A_n\| < \infty$ . This condition was unfortunately forgotten during the finalization of the paper. It must be added into the assumptions of the theorem.

Likewise, the same condition  $\sup_n \|A_n\| < \infty$  must be added into the assumptions of Theorem 7.2 of the paper for the sequence of symmetric matrices  $(A_n)_{n \geq 1}$  there.