



Malliavin Calculus and Self Normalized Sums

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(Submitted on 2 Jul 2011)

We study the self-normalized sums of independent random variables from the perspective of the Malliavin calculus. We give the chaotic expansion for them and we prove a Berry-Ess'een bound with respect to several distances.

Subjects: **Probability (math.PR)**

Cite as: **arXiv:1107.0410** [math.PR]

(or **arXiv:1107.0410v1** [math.PR] for this version)

Submission history

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[v1] Sat, 2 Jul 2011 20:27:38 GMT (17kb)

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