1094-46-138 **Radoslaw Adamczak**, **Olivier Guedon**, **Rafal Latala**, **Alexander E. Litvak**, **Krzysztof Oleszkiewicz**, **Alain Pajor** and **Nicole Tomczak-Jaegermann***
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The class of so-called convex measures, introduced by Ch. Borell, extends the important class of log-concave measures. We prove positive and negative moment inequalities for convex measures of appropriate parameters. This leads to large deviation and small ball estimates, and approximation of covariance matrix, for convex measures. In the class of log-concave measures the former two estimates were proved by Paouris and the latter by Adamczak-Litvak-Pajor-Tomczak.

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