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Some p.d.f.-free Upper Bounds for the Dispersion $\sigma(X)$ and the Quantity $\sigma^2(X) + (x - EX)^2$

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Abstract: In comparison with Theorems 2.1 and 2.4 in [1], we provide some *p.d.f.*-free upper bounds for the dispersion $\sigma(X)$ and the quantity $\sigma^2(X) + (x - EX)^2$ taking only into account the endpoints of the given finite interval.

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