

(or arXiv:1107.1754v3 [stat.ME] for this version)

G. Afendras, N. Papadatos

bounds

Xiv.org > stat > arXiv:1107.1754		Search or Article-id	(<u>Help</u> Advance	
		All papers 🚽		
atistics > Methodology		Download:		
trengthened Chernoff-type variance		 PDF PostScript Other formats		
ounus	5		Current browse cont	
Afendras, N. Papadatos		<pre>stat.ME < prev next > new recent 1107</pre>		
ubmitted on 9 Jul 2011 (v1), last revised 18 May 2012 (this version, v3))				
Let X be an absolutely continuous random variable from the integrated Pearson family and assume that X has finite moments of any order. Equivalently, X is a linear (non-constant) transformation of Y where Y follows a Normal, a Beta or a Gamma density. Using some properties of the associate orthonormal polynomial system we provide a class of strengthened Chernoff-type variance bounds.		Change to browse b		
		References & Citatio		
omments:	18 pages		Bookmark(what is this?)	
ıbjects: SC classes: te as:	Methodology (stat.ME)		🗐 😳 💥 🔀 🖬 🧰 📲 🔐 (
	60E15, 60E05			
	$a_1 \times a_2 \times a_1 \times a_2 $			

Submission history

Comments:

Subjects:

Cite as:

From: Nickos Papadatos D [view email] [v1] Sat, 9 Jul 2011 00:42:53 GMT (64kb) [v2] Wed, 16 May 2012 01:37:10 GMT (37kb) [v3] Fri, 18 May 2012 13:19:52 GMT (37kb)

MSC classes: 60E15, 60E05

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.