



SDI Review Form 1.6

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_41002
Title of the Manuscript:	Spectrum of sex ratios in Denmark
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments	This manuscript tries to identify some effects from issues related to births, such as maternal age and type of delivery (live- and stillborn, singletons and multiples), in order to investigate the fact that, in general, the sex ratio for new-borns have a slight excess in favour of boys. The study uses data sets obtained from the official Danish StatBank produced by Statistics Denmark, while the Fellman and Eriksson χ^2 test is adopted. General rules about the format of the expressions: (a) All the mathematical notations/quantities that the authors use have to be in the same size as the text is, and in italics (or in "math style" in MathType), for example $X, x, f(x), i, j, t$, etc. instead of $X, x, f(x), i, j, t$, respectively, while known mathematical function should be in upright form (non-italics, or "function style" in MathType), like $\sin x, \log y, \exp(x)$, etc. instead of $\sin x, \log y, \exp(x)$ etc. Moreover, numbers should be in upright form (otherwise use bold or italics for emphasizing). (b) When the authors refer to the probability function, you can write, for example, $\Pr(X > x)$ instead of $P(X > x)$, while the expected value, the variance and the standard deviation of a random variable X should be written as $E(X)$, $\text{Var}(X)$, and $\text{SD}(X)$ respectively; not $E(X)$, $\text{Var}(X)$, and $\text{SD}(X)$. (c) When you write in-line mathematical expressions, avoid (when it is possible) large mathematical notations. For example, you can write $f(x) = x/(1-x)$ instead of $f(x) = \frac{x}{1-x}$. Otherwise, use equation lines, where a new line is devoted for those expressions, for example $f(x) = \frac{x}{1-x}.$ (d) When you use indexes in mathematical notations/quantities that are textual (not variables or other mathematical quantities) please use upright form not italics. For example, you should write P_M instead of P_M. Please apply the above general rules throughout your manuscript. Here are some minor revision comments: <i>Note:</i> The text in red below represents the suggested changes/additions. Page 1.	



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	Line 23: Please rewrite as "...the proportion of males among all births (P_M).". Please apply general rule (d) throughout the manuscript. Line 25: Please rewrite as "...than 100, mainly around 106 and the P_M around 0.515". Please apply general rules (a) and (d) throughout the manuscript. Page 2. Lines 44-45: Please rewrite as "...with $E(p) = p_0$ and $Var(p) = p_0(1-p_0)/N$". In general, when you write in-line mathematical expressions, avoid (when it is possible) large mathematical notations, like you do in the beginning of line 45, in line 46, etc. Otherwise, use equation lines, where a new line is devoted for those expressions, for example $Var(p) = \frac{p_0(1-p_0)}{N}.$ Please apply also general rules (a) and (c) throughout the manuscript. Line 50: Please rewrite as "Visaria in [6] pointed out that random errors...". Eq. line 57: Please use large parentheses at the beginning and at the end if this interval. Page 3. Line 60: Please rewrite as "where $p_L = p - k\sqrt{\frac{p(1-p)}{N}} \text{ and } p_U = p + k\sqrt{\frac{p(1-p)}{N}}. \quad (2)"$ Lines 67, 70-71: Please apply also general rule (b) throughout the manuscript. Pages 5. Line 96: Please rewrite as "...SR, we note that the...". Pages 5-6. Line 108, 117, 128, 131: Please replace the word "Figure" with "Fig.". For example, "In Fig. 1, we compare...". Pages 6. Line 143: Please rewrite as "Opponents argued that even...". Lines 151-152: "Furthermore, he commented that random errors influence...".	
<u>Optional/General</u> comments		

Reviewer Details:

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