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:

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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 $\mathrm{X}, \mathrm{x}, \mathrm{f(x)}, \mathrm{i}, \mathrm{j}, \mathrm{t}$, 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 $sinx, log\,y, exp(x)$ 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 $\mathrm{E}(X)$, $\mathrm{Var}(X)$, and $\mathrm{SD}(X)$ respectively; not $E(X)$, $Var(X)$, and $SD(X)$. (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 $$f(\mathrm{x}) = \frac{x}{1-x}.$$ (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: *Note:* The text in red below represents the suggested changes/additions. **Page 1.**	**Noted.**

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 $\mathrm{Var}(p) = p_0(1-p_0)/N$.". 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

$$\mathrm{Var}(p) = \frac{p_0(1-p_0)}{N}.$$

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

$$p_L = p - k\sqrt{\frac{p(1-p)}{N}} \text{ and } p_U = p + k\sqrt{\frac{p(1-p)}{N}}. \qquad (2)"$$

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…".

Optional/General comments