







# Correction to: Electronic Voting

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## Correction to:

R. Krimmer et al. (Eds.): *Electronic Voting*, LNCS 12455,  
<https://doi.org/10.1007/978-3-030-60347-2>

The original version of the cover and book was revised. The seventh editor name has been updated.

The original version of this chapter “A Unified Evaluation of Two-Candidate Ballot-Polling Election Auditing Methods” contains the following errors which have been now corrected:

Page 117:

- “It can be continuous, discrete, or neither.” should read “It can be continuous, discrete, or a combination of the two.”

Page 118:

- “...is *risk-maximizing*: for such a prior, limiting the upset probability to  $\alpha$  also limits the risk to  $\alpha$ .” should read “...is *risk-maximizing*. For such a prior, limiting the upset probability to  $v$  also limits the risk: for the specific type of Bayesian audits considered by Vora [11], the risk limit is  $v$ ; however, for the Bayesian audits described here (see below), the risk limit is  $\frac{v}{1-v} > v$ .”
- “The upset probability,  $\Pr(H_0 | Y_n)$ , is **not** the risk, which we write informally as  $\max_{H_0} \Pr(\text{certify} | H_0)$ .” should read “The upset probability,  $\Pr(H_0 | Y_n)$ , is **not** the risk, which is  $\Pr(\text{certify} | p_T)$ .”
- “For risk-maximizing priors, taking  $h = \frac{1-\alpha}{\alpha}$  yields an audit with risk limit  $\alpha$ .” should read “For risk-maximizing priors, taking  $h = \frac{1}{\alpha}$  (which is equivalent to a threshold of  $v = \frac{\alpha}{1+\alpha}$  on the upset probability) yields an audit with risk limit  $\alpha$ .”

Page 119:

- “ $\Pr(Y_n | p_1)$ ” should read “ $\Pr(Y_n || p_1)$ ” (3 instances).
- “ $\Pr(Y_n | p_0)$ ” should read “ $\Pr(Y_n || p_0)$ ” (1 instances).

The updated version of the book can be found at  
<https://doi.org/10.1007/978-3-030-60347-2>  
[https://doi.org/10.1007/978-3-030-60347-2\\_8](https://doi.org/10.1007/978-3-030-60347-2_8)