

Errata to Stochastic epidemic models: a survey

Tom Britton, Stockholm University*

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The paper Stochastic epidemic models: a survey. (2010) *Math. Biosci.* **225**, 24-35, contains an error in the expressions for $p_0^{(n-m)}$ and $p_1^{(n-m)}$, below the general formula of Equation (8) in Section 3.1. The correct expressions should be

$$\begin{aligned} p_0^{(n-m)} &= \left(\phi \left(\frac{(n-m)\lambda}{n} \right) \right)^m, \\ p_1^{(n-m)} &= (n-m) \phi \left(\frac{(n-m-1)\lambda}{n} \right) \\ &\quad \times \left[\left(\phi \left(\frac{(n-m-1)\lambda}{n} \right) \right)^m - \left(\phi \left(\frac{(n-m)\lambda}{n} \right) \right)^m \right] \end{aligned}$$

I thank Jesus Artalejo for kindly pointing out this mistake.

*Department of Mathematics, Stockholm University, SE-106 91 Stockholm, Sweden. *E-mail:* tom.britton@math.su.se