Erratum to: Asymptotic formulae for likelihood-based tests of new physics

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Equation (74) should read

$$p_{s+b} = \int_{q_{\text{obs}}}^{\infty} f(q|s+b) dq = 1 - \Phi\left(\frac{q_{\text{obs}} + 1/\sigma_{s+b}^2}{2/\sigma_{s+b}}\right)$$

Equation (75) should read

$$p_b = \int_{-\infty}^{q_{\text{obs}}} f(q|b) dq = \Phi\left(\frac{q_{\text{obs}} - 1/\sigma_b^2}{2/\sigma_b}\right)$$

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