

## Publisher Correction: Approaches for periodic inventory control under random production yield and fixed setup cost

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### Correction to: OR Spectrum <https://doi.org/10.1007/s00291-017-0489-8>

In the original version of the article, operator symbols “[ ]” “[ ]” have been inadvertently processed as square brackets in Eqs. 17, 20, the first line of the third paragraph and second line of the fourteenth paragraph in Sect. 4.1.

$$I_t = S - D(\lambda + t) + \sum_{k=1}^{\lceil \lambda/R \rceil} \{Y(Q_k) - E[Y(Q_k)]\} \quad t = 1, 2, \dots, R. \quad (17)$$

Here,  $\lceil \lambda/R \rceil$  describes the number of open orders in a replenishment cycle of  $R$  periods.

$$\sigma_{I,t}^2(R, S) = (\lambda + t) \sigma_D^2 + \lceil \lambda/R \rceil \frac{\rho_Z^2 (R \sigma_D^2 + R^2 \mu_D^2)}{(1 - \rho_Z^2)} \quad t = 1, 2, \dots, R. \quad (20)$$

Since up to  $(\lambda - 1)$  replenishments with unknown yield deviations can occur during the risk period, on average risks from  $\lfloor (\lambda - 1)/R \rfloor$  deviations have to be taken into account if the duration of a replenishment cycle is  $R$  periods.

The original article has been corrected.

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The original article can be found online at <https://doi.org/10.1007/s00291-017-0489-8>.

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