Formulas log transformation

Formula log transformation:

Log transformed data were used in the secondary analysis. For the logarithmic

transformation of the primary data, we used the following formulas:

$\sigma^2 = \ln(s^2/m^2+1)$; $\mu = \ln(m/\text{radical}(s^2/m^2+1))$;

where μ and σ^2 are the mean and variance on the log transformed scale, and m and s^2 the

mean and variance on the original scale respectively.