To: Recipients of EP14, 4th ed.

From: Jennifer K. Adams, MT(ASCP), MSHA
Vice President, Standards and Quality

Subject: Correction

This notice is intended to inform users of corrections made to CLSI document EP14, *Evaluation of Commutability of Processed Samples*, 4th ed. The corrections are described and shown below.

**Appendix A. Description of Mathematical Model Used for Evaluating Commutability of Processed Samples Using Deming Regression**

Equations (15b), (15c), and (16) are listed as:

\[
\frac{\hat{\sigma}^2(\varepsilon_x) + \hat{\sigma}^2(\varepsilon_y)}{N_{pc}} = \frac{\hat{\sigma}^2(\varepsilon_x)(1 + 1/n)}{N_{pc}} \quad (15b)
\]

\[
\frac{\hat{\sigma}^2(\varepsilon_x) + \hat{\sigma}^2(\varepsilon_y)}{N_{pc}} = \frac{\hat{\sigma}^2(\varepsilon_y)(1 + 1/n)}{N_{pc}} \quad (15c)
\]

\[
\sigma(\bar{Y}_{pc,pred}) \approx \sqrt{\left(\hat{\beta}_{p/c} \hat{\sigma}_{BH}^2 + \left(\hat{\beta}_{p/c} \hat{\sigma}_2(\varepsilon_x) + \hat{\sigma}^2(\varepsilon_y)\right)(1 + 1/n)\right)} \quad (16)
\]

The correct equations (15b), (15c), and (16) are:

\[
\frac{\hat{\sigma}^2(\varepsilon_x) + \hat{\sigma}^2(\varepsilon_y)}{N_{pc}} = \frac{\hat{\sigma}^2(\varepsilon_x)(1 + 1/n)}{N_{pc}} \quad (15b)
\]

\[
\frac{\hat{\sigma}^2(\varepsilon_x) + \hat{\sigma}^2(\varepsilon_y)}{N_{pc}} = \frac{\hat{\sigma}^2(\varepsilon_y)(1 + 1/n)}{N_{pc}} \quad (15c)
\]

\[
\sigma(\bar{Y}_{pc,pred}) \approx \sqrt{\left(\hat{\beta}_{p/c} \hat{\sigma}_{BH}^2 + \left(\hat{\beta}_{p/c} \hat{\sigma}_2(\varepsilon_x) + \hat{\sigma}^2(\varepsilon_y)\right)(1 + 1/n)\right)} \quad (16)
\]
Appendix C. Examples of Completed Analyses

On pages 38 and 47, equation (16) was corrected.

On page 39, equation (16) is listed as:

\[
\sigma(\bar{Y}_{\text{pred}}) \approx \sqrt{\frac{\left(\bar{X}_{\text{pc}} - \bar{X}\right)^2 \hat{\sigma}_{\beta H}^2 + \left[\hat{\beta}_H \hat{\sigma}^2(e_X) + \hat{\sigma}^2(e_Y)\right]}{N_{\text{pc}}}} \approx 3.82
\]

The correct equation (16) is:

\[
\sigma(\bar{Y}_{\text{pred}}) \approx \sqrt{\frac{\left(\bar{X}_{\text{pc}} - \bar{X}\right)^2 \hat{\sigma}_{\beta H}^2 + \frac{\left(\hat{\beta}_H \hat{\sigma}^2(e_X) + \hat{\sigma}^2(e_Y)\right)(1+1/n)}{N_{\text{pc}}}}} = 3.82
\]

On page 48, equation (16) is listed as:

\[
\sigma(\bar{Y}_{\text{pred}}) \approx \sqrt{\frac{\left(\bar{X}_{\text{pc}} - \bar{X}\right)^2 \hat{\sigma}_{\beta H}^2 + \left[\hat{\beta}_H \hat{\sigma}^2(e_X) + \hat{\sigma}^2(e_Y)\right]}{N_{\text{pc}}}} \approx 0.0226
\]

The correct equation (16) is:

\[
\sigma(\bar{Y}_{\text{pred}}) \approx \sqrt{\frac{\left(\bar{X}_{\text{pc}} - \bar{X}\right)^2 \hat{\sigma}_{\beta H}^2 + \frac{\left(\hat{\beta}_H \hat{\sigma}^2(e_X) + \hat{\sigma}^2(e_Y)\right)(1+1/n)}{N_{\text{pc}}}}} = 0.0226
\]

If you require any additional clarification regarding these corrections, please contact CLSI Customer Service (customerservice@clsi.org).

We appreciate your commitment to CLSI and regret any inconvenience.