$$SEE_{\mathrm{y}} = \sqrt{\frac{\left[2045.8 - (-16.8083) - (1.0110 \cdot 2045.0)\right]^2 + \ldots \left[y_{6000} - (-16.8083) - (1.0110 \cdot y_{\mathrm{ref}\,6000})\right]^2}{6000 - 2}}$$