Appendix A

Equations to Calculate $t$-Scores from Raw HAI Values

HAI subscale or total scale $t$-score = \( \left( \frac{\text{Raw subscale or scale score} - \text{mean}^a}{\text{standard deviation}^b} \right) \times 10 + 50 \)

\(^{ab}\) Mean and standard deviation values can be found in Tables 2 and 3.

Example for an individual who is unemployed, not looking for work.

Hope $t$-score = \( \left( \frac{\text{Raw Hope subscale score} - 3.01}{.74} \right) \times 10 + 50 \)