

Rules for Comparing a Pretest on the DECA-Infant Form With a Posttest on the DECA-Toddler Form

1. This comparison can only be made when the same class of rater (parent or teacher) completes both the pretest and the posttest. If a different class of rater is used at pretest and posttest, the comparison cannot be made.
2. This comparison can only be made using the Total Protective Factor Scale.
3. The pretest and posttest ratings should be separated by at least four weeks.
4. To conduct this comparison, use the following steps.
 - a. Determine the class of rater (parent or teacher)
 - b. Subtract the pretest Total Protective Factor T-score from the posttest Total Protective Factor T-score.
 - i. For Parents:
 1. If the difference is greater than or equal to 8 T-score points, then return, "*Significant Improvement.*"
 2. If the difference is between -7 and 7 T-score points, then return, "*No Significant Change.*"
 3. If the difference is less than or equal to -8 points, then return, "*Significant Decline.*"
 - ii. For Teachers:
 1. If the difference is greater than or equal to 7 T-score points, then return, "*Significant Improvement.*"
 2. If the difference is between -6 and 6 T-score points, then return, "*No Significant Change.*"
 3. If the difference is less than or equal to -7 points, then return, "*Significant Decline.*"

Note: Values based on the SEd, computed using the SEMs reported in the DECA-I/T Technical Manual and $p=.10$ and $z=1.64$.