

TORRANCE TEST of CREATIVE THINKING – Pilot ASSESSMENT OF USLO 2014-2015

Creative thinking involves the production of original ideas, forms or works by making connections, generating alternatives, and elaborating or exploring new applications of accepted practices through innovation and/or invention. (WU definition)

Torrance Test of Creative Thinking (TTCT) developed by Ellis Torrance in 1974 and updated by in 2008 by the Scholastic Testing Service. Given in 2 parts, takes 75 minutes

Figural (use of picture drawing in 3 activities) & **Verbal** (use of 6 word exercises) activities to test creativity. Applicable for kindergarten – adults.

Figural tests designed to assess 5 mental characteristics:

Fluency Originality Elaboration
Abstractness of Title
Resistance to Premature Closure
(www.ststesting.com/ngifted.html)

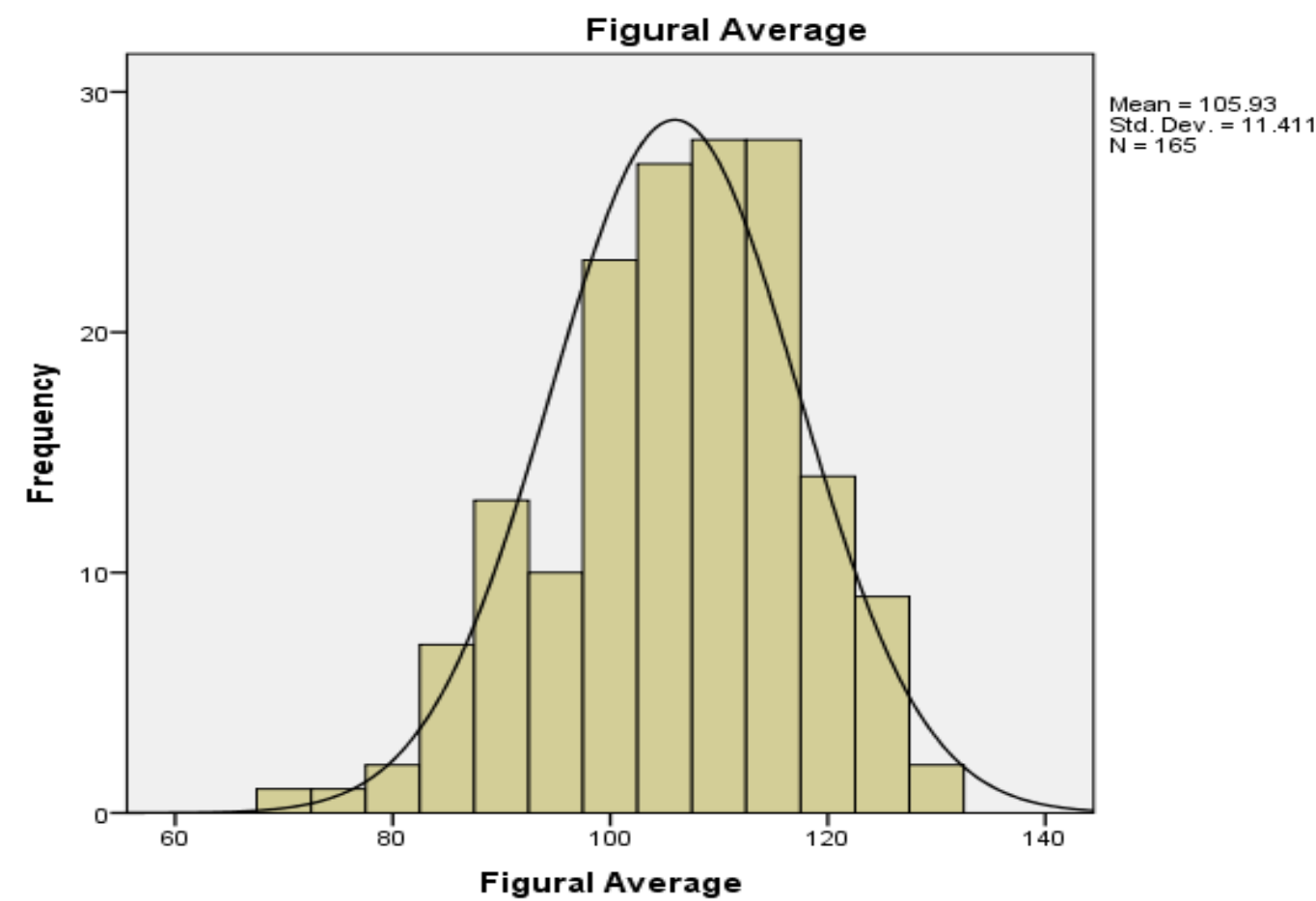
Verbal has 3 norm-referenced assessments:

Fluency Flexibility Originality

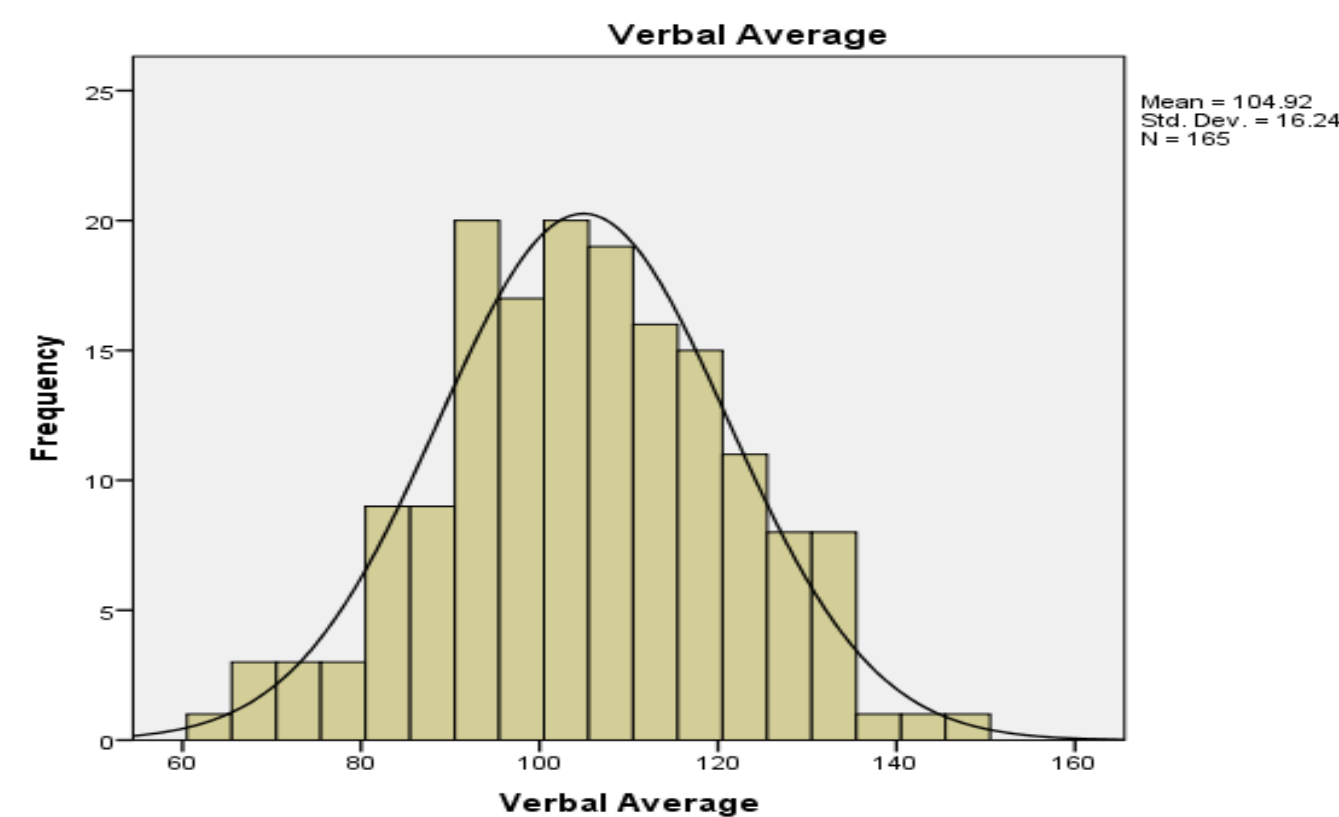
WU Test Results higher than national average, positively skewed.

Students are encourage to be creative and to “Just suppose....”

If you were given this drawing to start with what would you come up with?



Figural average standard scores ranged 70-130, mean 105.93 (SD=11.41)
National Percentiles ranged from 3rd- 98th, mean of 64.11 (SD=25.21)
****Results indicated WU students assessed scored better than 64% of those students tested nation-wide**



TTCT Verbal average standard scores ranged from 63 to 150, mean 104.92 (SD=16.24)
National Percentiles ranged from 5th – 99th percentile, mean of 57.79 (SD=24.40)
****Results indicated WU students assessed scored better than 58% of students tested nation-wide.**

TTCT Creativity Index average standard scores ranged from 63 to 150 with a mean of 104.92 (SD=11.41)
National Percentiles from 3rd to 98th, mean 64.11 (SD=25.21)
****WU students assessed scored better than 64% of students tested nationwide.**

Assessments include to measure creativity index:

- Emotional Expressiveness
- Storytelling Articulateness
- Movement or Action
- Expressiveness of Titles
- Synthesis of Lines
- Unusual Visualization
- Internal Visualization
- Extending or Breaking Boundaries
- Humor
- Richness of Imagery
- Colorfulness of Imagery
- Fantasy

(Torrance, E.P. (2001, 2008) Torrance Tests of Creative Thinking. Interpretive Manual. Scholastic Testing Service, Inc. Bentonville, IL)

N = 165
(65 Education Majors,
93 Nursing Majors,
7 Other)