**OVERVIEW (updated September 18, 2011)**

The scoring direction is designed to mean that high scores equal more problematic behaviors and/or a more intense relationship to the deceased. Scoring the TTBQ is a 2 stage process.

**Calculating the 5 factors:** First, reverse individual items listed below. Then, after calculating means of each factor, in order for all scores to be in the direction of high meaning a more problematic response (or a more intense relationship to the deceased on factor 2), reverse all factor scores.

**Calculating the total TTBQ score:** Calculating the total questionnaire score requires addition of the general items (not loaded on any of the 5 factors). The full score consists of all 70 items of the questionnaire. It is obtained by calculating the items’ mean and reversing the score for it to be in the right direction.

**STEP BY STEP**

i. **Items to reverse:** Reverse so that 1=5; 2=4; 3=3; 4=2; 5=1.

**Section A**

- a1
- a9
- a12
- a13
- a16
- a17
- a19

All other items remain in their original direction

**Section B**

- b2
- b7

All other items remain in their original direction

**Section C**

There is no need to reverse any item here.

**Section D**

- d18
- d19
- d20
All other items remain in their original direction

**ii. Items in the questionnaire are grouped to factors as follows:**

**Factor 1 Relational Active Grief (RAF)** contains the following items:
A7, B4, B5, B6, B7, B8, B10, B13, B15, B16, B18, B20, D10, D11, D13, D14.  
(Calculating mean will produce a factor score on a 1-5 scale).

**Factor 2 Close and Positive Relationship (PC)** contains the following items:
B3, C1, C2, C3, C6, C8, C9, C10.  
(Calculating mean will produce a factor score on a 1-5 scale).

**Factor 3 Conflictual relationship with the deceased (CN)** contains the following items:  
B2, B11, B14, C4, C5, C7.  
(Calculating mean will produce a factor score on a 1-5 scale).

**Factor 4: Biopsychosocial function (F)** contains the following items:
A1, A2, A6, A8, A9, A11, A12, A13, A14, A16, A17, A18, A19, D19.  
(Calculating mean will produce a factor score on a 1-5 scale).

**Factor 5 Perception of trauma (D)** contains the following items:
A4, A5, A10, B17, D1, D2, D3, D7, D8, D9, D17, D20.  
(Calculating mean will produce a factor score on a 1-5 scale).

[Please note: All other items are considered General items which did not load on these factors but are included in the final total score.]

**iii. To obtain the correct individual factor scores:**

a. Calculate mean of items as listed (after individual item reversal) for each factor.
b. Reverse factor score.

Now you know that all factors are in the direction of higher number means greater difficulty or greater closeness to the deceased. This score is on a 1-5 scale.
iv. To obtain the Total TTBQ score:

a. Sum mean of all items of the questionnaire (after individual item reversal) and divide by number of items (up to 70 if all items completed).

b. Reverse total questionnaire score.

Higher score mean a more problematic behavior and/or intensive relationship with the deceased. This score is on a 1-5 scale.

**SPSS SYNTAX – The syntax for scores on the TTBQ1-70 follows:**

```spss
COMPUTE oa1r = 6 - a1.
EXECUTE.
COMPUTE oa9r = 6 - a9.
EXECUTE.
COMPUTE oa12r = 6 - a12.
EXECUTE.
COMPUTE oa13r = 6 - a13.
EXECUTE.
COMPUTE oa16r = 6 - a16.
EXECUTE.
COMPUTE oa17r = 6 - a17.
EXECUTE.
COMPUTE oa19r = 6 - a19.
EXECUTE.

COMPUTE ob2r = 6 - b2.
EXECUTE.
COMPUTE ob7r = 6 - b7.
EXECUTE.

COMPUTE od18r = 6 - d18.
EXECUTE.
COMPUTE od19r = 6 - d19.
EXECUTE.
COMPUTE od20r = 6 - d20.
EXECUTE.

COMPUTE Factor1 = 6 - MEAN(a7,b4,b5,b6,ob7r,b8,b10,b13,b15,b16,b18,b20,d10,d11,d13,d14).
EXECUTE.
COMPUTE Factor2 = 6 - MEAN(b3,c1,c2,c3,c6,c8,c9,c10).
EXECUTE.
COMPUTE Factor3 = 6 - MEAN(ob2r,b11,b14,c4,c5,c7).
EXECUTE.
COMPUTE Factor4 = 6 - MEAN(oa1r,a2,a6,a8,oa9r,a11,oa12r,oa13r,a14,oa16r,oa17r,a18,oa19r,od19r).
EXECUTE.
COMPUTE Factor5 = 6 - MEAN(a4,a5,a10,b17,d1,d2,d3,d7,d8,d9,d17,od20r).
EXECUTE.

COMPUTE TTBQtotal = 6 - MEAN(oa1r,a2,a3,a4,a5,a6,a7,a8,oa9r,a10,a11,oa12r,oa13r,a14,a15,oa16r
```
EXECUTE.