

## EARLY ADOLESCENT TEMPERAMENT QUESTIONNAIRE—REVISED SHORT FORM

### Reference

Ellis, L. K., & Rothbart, M. K. (2001, April). *Revision of the Early Adolescent Temperament Questionnaire*. Poster presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

### Secondary Reference

Capaldi, D. M., & Rothbart, M. K. (1992). Development and validation of an early adolescent temperament measure. *Journal of Early Adolescence*, 12(2), 153-173.

### Companion Document

*EATQ-R Short Form Scoring Key*

### Description

The 65-item short form of the *Early Adolescent Temperament Questionnaire—Revised (EATQ-R; Ellis & Rothbart, 2001)* is a revision of a measure developed by Capaldi & Rothbart (1992). The revised questionnaire assesses 10 aspects of temperament related to self-regulation in adolescents, including activation control, affiliation, attention, fear, frustration, high-intensity pleasure, inhibitory control, perceptual sensitivity, pleasure sensitivity, and shyness. Scales measuring aggression and depressive mood are included to facilitate examination of relationships between temperament and traits relevant to socialization. The revised measure was developed with a sample of 177 adolescents ages 10-16. Items are rated on a 5-point scale ranging from 1 = *almost always untrue of you* to 5 = *almost always true of you*.

Ellis & Rothbart (2001) reported internal consistency estimates (Cronbach's coefficient alpha) ranging from .65 to .82 for the 10 temperament scales, .80 for the aggression scale, and .69 for the depressive mood scale.

### Administration: Grade 4

The *EATQ-R Short Form* was administered to children ( $n = 80$ ) during a site-specific home visit at Grade 4 (late Grade 4 for some children, early Grade 4 for others). The visit was conducted by Kathleen Cranley Gallagher for her dissertation research.

### Scoring: See *EATQ-R Short Form Scoring Key*

#### Activation Control

Mean of 5 items: -7, -18, 30, 39, -49. A higher score reflects greater capacity to perform an action when there is a strong tendency to avoid it.

#### **CHG4ATAC**

$N = 80$ ,  $M = 3.66$ ,  $SD = 0.72$ , range = 1.80-5,  $\alpha = .64$

#### Affiliation

Mean of 5 items: 17, 27, 31, 44, 54. A higher score reflects greater desire for warmth and closeness with others, independent of shyness or extraversion.

#### **CHG4ATAF**

$N = 80$ ,  $M = 3.55$ ,  $SD = 0.62$ , range = 2.20-5,  $\alpha = .57$

Attention

Mean of 6 items: 1, -34, -38, 41, 59, -61. A higher score reflects greater capacity to focus attention as well as to shift attention when desired.

**CHG4ATAT**

$N = 80, M = 3.34, SD = 0.59, \text{range} = 2.17\text{-}4.83, \alpha = .60$

Fear

Mean of 6 items: 32, 35, 40, 46, 51, 57. A higher score reflects more unpleasant affect related to anticipation of distress.

**CHG4ATFE**

$N = 80, M = 3.13, SD = 0.88, \text{range} = 1.00\text{-}5, \alpha = .75$

Frustration

Mean of 7 items: 25, 36, 47, 56, 60, 62, 64. A higher score reflects more negative affect related to interruption of ongoing tasks or goal blocking.

**CHG4ATFR**

$N = 80, M = 3.22, SD = 0.68, \text{range} = 1.00\text{-}5, \alpha = .75$

High-Intensity Pleasure/Surgency

Mean of 6 items: 3, -19, -28, 42, 48, 52. A higher score reflects greater pleasure derived from activities involving high intensity or novelty.

**CHG4ATHP**

$N = 80, M = 2.90, SD = 0.72, \text{range} = 1.33\text{-}4.83, \alpha = .54$

Inhibitory Control

Mean of 5 items: -10, 14, -26, 43, 63. A higher score reflects greater capacity to plan, and to suppress inappropriate responses.

**CHG4ATIC**

$N = 80, M = 3.73, SD = 0.56, \text{range} = 2.60\text{-}5, \alpha = .28$

Pleasure Sensitivity

Mean of 5 items: 4, 16, 23, 33, 65. A higher score reflects a greater amount of pleasure related to activities or stimuli involving low intensity, rate, complexity, novelty, and incongruity.

**CHG4ATPL**

$N = 80, M = 3.61, SD = 0.79, \text{range} = 1.00\text{-}5, \alpha = .69$

Perceptual Sensitivity

Mean of 4 items: 6, 12, 21, 24. A higher score reflects more detection or perceptual awareness of slight, low-intensity stimulation in the environment.

**CHG4ATPE**

$N = 80, M = 3.46, SD = 0.69, \text{range} = 1.75\text{-}4.75, \alpha = .47$

Shyness

Mean of 4 items: 8, 15, 45, -53. A higher score reflects greater behavioral inhibition to novelty and challenge, especially social.

**CHG4ATSH**

$N = 80, M = 2.93, SD = 0.89, \text{range} = 1.00\text{-}5, \alpha = .67$

Aggression

Mean of 6 items: 5, 9, 13, 22, 50, 58. A higher score reflects more hostile and aggressive actions, including person- and object-directed physical violence, direct and indirect verbal aggression, and hostile reactivity.

**CHG4ATAG**

$N = 80, M = 1.77, SD = 0.65, \text{range} = 1.00\text{-}3.33, \alpha = .77$

Depressive Mood

Mean of 6 items: -2, 11, 20, 29, 37, 55. A higher score reflects more unpleasant affect and lowered mood, loss of enjoyment and interest in activities.

**CHG4ATDM**

$N = 80, M = 2.47, SD = 0.59, \text{range} = 1.00\text{-}4.00, \alpha = .52$

**Analysis Data Set**

SSG4

**Raw Data Set**

EATQR