

ABSTRACT

Objective: To evaluate the reliability of the very short-form ECBQ, Thai version and to investigate Thai toddlers' temperaments

Methods: After translation the very short-form ECBQ into Thai, we asked the primary caregivers of 360 healthy, 18-36-month-old children, who lived in Bangkok and Bangkok metropolitan at the period of April, 2018 to June, 2019, to fill out the questionnaires. The scores were calculated to determine each child's temperament. The reliability of this questionnaire was assessed by Cronbach's alpha coefficient for internal consistency, and the Intraclass correlation coefficient (ICC) was used for inter-rater reliability and assessing the two-week and six-month test-retest reliability.

Results: The Cronbach's alpha coefficients were 0.627-0.692, which almost reached the criteria for good internal consistency. The inter-rater ICCs were 0.463-0.670, which were comparable to those in the original English version. The two-week ICCs were 0.602-0.705, which indicated moderate reliability, whereas the six-month ICCs decreased to 0.459-0.602. However, these values almost reached those of the original English version. Most toddlers in this study were reported to have a surgency temperament. Boys significantly had more surgency temperament and had higher mean surgency scores, whereas girls exhibited a more effortful-control temperament.

Conclusion: The very short-form ECBQ, Thai version can be implemented in assessing Thai toddlers' temperament.

Keywords: temperament, ECBQ questionnaire, Thai toddlers