

Title	Development of Development Skills Inventory for Children at Birth to 5 years of age, the Ministry of Public Health, Mental Health Department Version
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Abstract

The objective of this research was to develop the standardized test for assessing child development. The construction of Development Skill Inventory, the Mental Health version was based on Developmental Skills Inventory (DSI) as a prototype, combining with Diagnostic Inventory for Screening Children (DISC), Modified Denver-II, and taking into consideration the essential information from related literatures and the conferences in child developmental assessment. Afterwards, the validity and reliability of this inventory were analyzed. Content validity was examined by the consistency of agreements from 3 experts, converting to content validity index (CVI). Inter-rater reliability was evaluated by inter-observer agreement from 2 raters of each age-group, conducting with 53 samples. The results of this study were as follows;

1. The items of Development Skills Inventory, Mental Health Department version number 654. This inventory was categorized for assessing 6 age groups, namely birth to 6 months comprising 89 items, 6-12 months comprising 97 items, 1-2 years comprising 112 items, 2-3 years comprising 125 items, 3-4 years comprising 125 items, and 4-5 years comprising 106 items.

2. Content validity index was .084.

3. Inter-rater reliability coefficients (kappa) of birth to 6 months, 6-12 months, 1-2 years, 2-3, 3-4 years, and 4-5 years were .794, .817, .969, .792, .825 and .863 respectively.

The aforementioned results indicated that Development Skill Inventory, the Mental Health version had good psychometric properties. The norm of this inventory, nevertheless, should be developed in the further study.