

ESTONIAN

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Instruments that have been developed

E-CDI: Words & Gestures is appropriate for use with children 8 – 16 months.

Availability of the instruments to others: new users should contact Astra.Schults@ut.ee or Tiia.Tulviste@ut.ee to obtain the internet link or paper version.

Norms are available in Schults & Tulviste (2016) and Schults (2016).

E-CDI:WS long form is appropriate for use with children 16 – 30 months.

Availability of the instruments to others: new users should contact Tiia.Tulviste@ut.ee or Ada.Urm@ut.ee to obtain the internet link or the paper version of the instrument.

Norms are available in Urm & Tulviste (2016a).

E-CDI:WS short form is appropriate for use with children 20 – 37 months.

The instrument is available from Tiia.Tulviste@ut.ee or Ada.Urm@ut.ee. New users of the MacArthur-Bates CDIs (speech therapists, child psychologists, and clinicians) take a user training to obtain the link to internet version of the ECDI-SF and the manual for the instrument with norms (Urm & Tulviste, 2016b).

Instruments that are currently under development

E-CDI-III is appropriate for use with children in age from 2,5 to 4 years.

The first version of the E-CDI III has been piloted on 17 Estonian-speaking children. The Estonian CDI-III is adapted from the Swedish CDI-III (Ericsson, 2016). The norming study just started.

ER-CDI:WS short form version of the instrument in Russian language for Russian-speaking children living in Estonia is appropriate for use with children 20 – 36 months. At the moment, data gathering is in progress (we have the data only from 139 children).

Publications:

Eriksson, M., Marschik, P. B., Tulviste, T., Almgren, M. et al., (2011). Differences Between Girls and Boys in Emerging Language Skills: Evidence from 10 Language Communities. Submitted.

Schults, A. (2016). First words of Estonian children: Early communicative development. Doctoral dissertation. Tartu: University of Tartu.

Schults, A., & Tulviste, T. (2016). Composition of Estonian infants' expressive lexicon according to the adaptation of CDI / Words and Gestures. *First Language*, 36, 485-504.

- Schults, A.; Tulviste, T.; Haan, E. (2013). Early vocabulary in full term and preterm Estonian children. *Early Human Development*, 89(9), 721 - 726.
- Schults, A., Tulviste, T., & Konstabel, K. (2012). Early vocabulary and gestures in Estonian children. *Journal of Child Language*, 39 (2012), 664–686.
- Tulviste, T. (2007). Variation in vocabulary development among Estonian children as a function of child's gender, birth order, child-care, and parental education. In M Eriksson (Ed.), *Proceedings from the First European Network Meeting on the Communicative Development Inventories* (pp. 16-21). Gävle, Sweden: University of Gävle.
- Urm, & Tulviste, T. (2016b). ECDI-II sõeltest 2 kuni 3 aasta vanuste laste kõne arengu hindamiseks. (Manual). Tartu.
- Urm, A. & Tulviste, T. (2016a). Sources of individual variation in Estonian toddlers' expressive vocabulary. *First Language*, Vol. 36(5) 485 –504.