Reliability and acceptability of the Vineland-3 for Australian children and youth with neurodevelopmental conditions

Angela Chamberlain¹⁻³, Emily D'Arcy¹⁻³, Andrew J.O. Whitehouse^{1,3}, Maya Hayden-Evans¹⁻³, Sonya Girdler^{2,3,5}, Benjamin Milbourn¹⁻³, Sven Bölte^{2,5} and Kiah Evans¹⁻⁴

Results

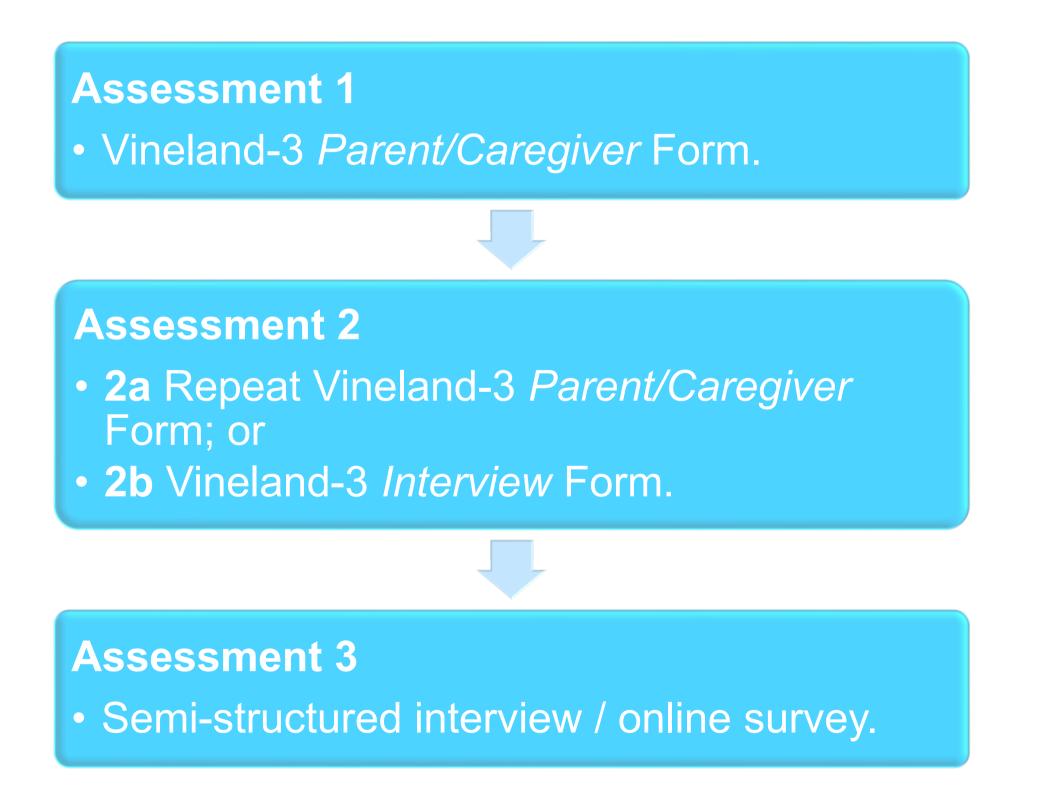
¹Clinikids - Telethon Kids Institute | ²Curtin Autism Research Group and School of Allied Health - University | ³Autism CRC | ⁴School of Allied Health - University of Western Australia | ⁵Karolinska Institutet Center of Neurodevelopmental Disorders (KIND) - Karolinska Institutet & Stockholm Health Care Services

Background

The Vineland-3¹ is widely used to assess the functioning of children and youth with neurodevelopmental conditions (including autism, ADHD, communication disorder, global developmental delay, intellectual disability and motor disorder). However, there is a paucity of psychometric evidence for this version².

Methods

174 caregivers of 172 children and youth (<21 years) with neurodevelopmental conditions participated in clinical assessments.



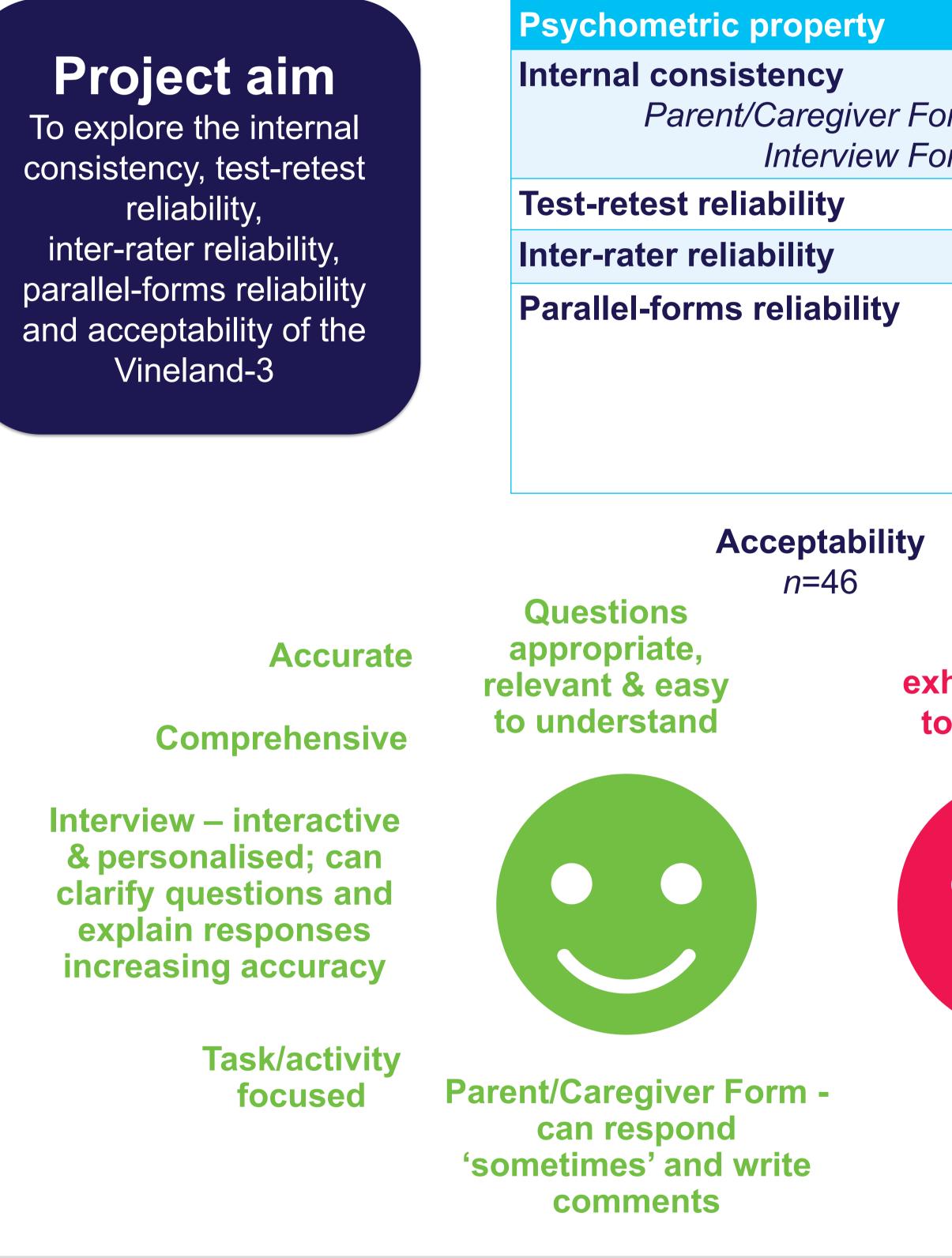
References:

¹Sparrow, S., Cicchetti, D., & Saulnier, C. (2016). *Vineland Adaptive Behaviour Scales, Third Edition.* Pearson Inc. ²Hayden-Evans, M., Milbourn, B., D'Arcy, E., Chamberlain, A., Afsharnejad, B., Evans, K., Whitehouse, A. J. O., Bölte, S., & Girdler, S. (2022). An evaluation of the overall utility of measures of functioning suitable for school-aged children on the autism spectrum: A scoping review. International Journal of Environmental Research and Public Health, 19(21), 14114. https://doi.org/10.3390/ijerph192114114

For more information Dr Kiah Evans | Phone: +61 8 6488 6894 | Email: kiah.evans@uwa.edu.au













	n	Vineland-3 findings (Composite and domain s
orm orm	93-136 55-100	 Good to excellent (for sub-domains where ar Unacceptable to excellent (for sub-domains view)
	38-57	 Moderate to excellent for Parent/Caregiver F
	20	 Moderate to excellent for Interview Form.
	31-52	 Moderate to good correlations between Pare Significantly lower Composite, and Commun scores for <i>Interview</i> Form. Limits of agreement >3 standard deviations of Communication, Daily living skills, Socializat

Too long, exhausting, hard to concentrate

Too few

response

options, not

sensitive enough

Does not capture strengths

Does not consider functioning across different times and environments

Conclusions

The Vineland-3 was found to have adequate reliability; however, the *Interview* Form specified a greater level of impairment than the *Parent/Caregiver* Form. This is likely due to the method of information gathering; the interview is interactive, uses open questions and allows health professionals to probe for relevant information using clinical judgement. Most caregivers considered the Vineland-3 to be an accurate and comprehensive measure of functioning.

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Australian Government Department of Industry, Science, Energy and Resources

scores)

analysis was possible). where analysis was possible). Form.

rent/Caregiver and Interview Forms. nication and Socialization domain

on the norm-referenced scale for ation and Motor skills domains.





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