



## Young Lives: an international study of childhood poverty

### Item response theory standardised cognitive measures: data dictionary

#### Data files:

A total of 5 data files have been generated containing the item response theory (IRT) standardised cognitive measures.

Data file name	Description
All_countries_math_IRT_scores.dta	IRT standardised math scores for Ethiopia, India, Peru and Vietnam.
All_countries_PPVT_IRT_scores.dta	IRT standardised Peabody Picture Vocabulary Test (PPVT) scores for Ethiopia, India, Peru and Vietnam.
All_countries_reading_IRT_scores.dta	IRT standardised reading scores for Ethiopia, India, Peru and Vietnam.
ET_IN_PE_sibling_PPVT_IRT_scores.dta	IRT standardised PPVT scores for panel siblings from Ethiopia, India and Peru.
India_sibling_math_IRT_scores.dta	IRT standardised math scores for panel siblings from India.

#### Variables:

##### Data file: All\_countries\_math\_IRT\_scores.dta

Variable	Description
childid	Unique ID assigned to each participant
country	1 = Ethiopia 2 = India 3 = Peru 4 = Vietnam
round	Round of data collection (2-5)
yc	0 = Older cohort 1 = Younger cohort
math	IRT standardised math score
group	1 = ET OC R2 2 = ET OC R3 3 = ET OC R4 4 = ET YC R3 5 = ET YC R4 6 = ET YC R5 7 = IN OC R2 8 = IN OC R3 9 = IN OC R4 10 = IN YC R3 11 = IN YC R4 12 = IN YC R5 13 = PE OC R2

	14 = PE OC R3 15 = PE OC R4 16 = PE YC R3 17 = PE YC R4 18 = PE YC R5 19 = VN OC R2 20 = VN OC R3 21 = VN OC R4 22 = VN YC R3 23 = VN YC R4 24 = VN YC R5
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**Data file: All\_countries\_PPVT\_IRT\_scores.dta**

Variable	Description
childid	Unique ID assigned to each participant
country	1 = Ethiopia 2 = India 3 = Peru 4 = Vietnam
round	Round of data collection (2-5)
yc	0 = Older cohort 1 = Younger cohort
theta_eap	IRT score - uncentered
ppvt_score	IRT score - centered
group	1 = ET OC R2 2 = ET OC R3 3 = ET YC R2 4 = ET YC R3 5 = ET YC R4 6 = ET YC R5 7 = IN OC R2 8 = IN OC R3 9 = IN YC R2 10 = IN YC R3 11 = IN YC R4 12 = IN YC R5 13 = PE OC R2 14 = PE OC R3 15 = PE YC R2 16 = PE YC R3 17 = PE YC R4 18 = PE YC R5 19 = VN OC R2 20 = VN OC R3 21 = VN YC R2 22 = VN YC R3 23 = VN YC R4 24 = VN YC R5
language	1 = ET – Amharic 2 = ET – Oromifa

	3 = ET – Tigrinya 4 = IN – Telugu 5 = PE – Spanish 6 = VN – Vietnamese
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**Data file: All\_countries\_reading\_IRT\_scores.dta**

Variable	Description
childid	Unique ID assigned to each participant
country	1 = Ethiopia 2 = India 3 = Peru 4 = Vietnam
round	Round of data collection (4-5)
yc	0 = Older cohort 1 = Younger cohort
theta_eap	IRT score - uncentered
read_score	IRT score - centered
group	3 = ET OC R4 5 = ET YC R4 6 = ET YC R5 9 = IN OC R4 11 = IN YC R4 12 = IN YC R5 15 = PE OC R4 17 = PE YC R4 18 = PE YC R5 21 = VN OC R4 23 = VN YC R4 24 = VN YC R5
language	1 = ET – Amharic 2 = ET – Oromifa 3 = ET – Tigrinya 4 = IN – Telugu 5 = PE – Spanish 6 = VN – Vietnamese

**Data file: ET\_IN\_PE\_sibling\_PPVT\_IRT\_scores.dta**

Variable	Description
sibid	ID assigned to panel sibling
childid	Unique ID assigned to each participant
country	1 = Ethiopia 3 = Peru 4 = Vietnam
round	Round of data collection (3-5)
yc	1 = Younger cohort
theta_eap	Panel sibling IRT score - uncentered
read_score	Panel sibling IRT score - centered
group	4 = ET YC R3

	5 = ET YC R4 6 = ET YC R5 16 = PE YC R3 17 = PE YC R4 18 = PE YC R5 22 = VN YC R3 23 = VN YC R4 24 = VN YC R5
language	1 = ET – Amharic 5 = PE – Spanish 6 = VN – Vietnamese

**Data file: India\_sibling\_math\_IRT\_scores.dta**

Variable	Description
sibid	ID assigned to panel sibling
childid	Unique ID assigned to each participant
round	Round of data collection (4-5)
yc	1 = Younger cohort
s_math	Panel sibling IRT standardised math score