

EALTA Pre-conference Workshop 2:

Test Item Analysis for English Teachers: Applying Classical Test Theory using Excel

Day 1

14.00 – 15.00 Introducing types of tests and testing / Item types and scoring methods /
Guidelines for writing good items

15.00 – 15.15 COFFEE

15.15 – 17.15 Entering data into Excel / Some useful Excel functions / Calculating
descriptive statistics

Day 2

9.00 – 10.00 Review of Day 1 / Visualising descriptive statistics using graphs

10.00 – 11.00 Calculating facility values and discrimination

11.00 – 11.15 COFFEE

11.15 – 12.15 Calculating reliability (1): Point biserial and Cronbach's Alpha etc.

12.15 – 13.30 LUNCH

13.30 – 15.00 Calculating reliability (2): Rater reliability

15.00 – 15.15 COFFEE

15.15 – 16.45 Guidelines to make tests more reliable

Day 3

9.00 – 9.30 Review of Day 2

9.30 – 11.00 Improving test items that are identified as problematic

11.00 – 11.15 COFFEE

10.45 – 12.00 Interpreting the results to feed back to teaching and future tests / Round-up
and close

Requirements:

- Please bring a laptop with Microsoft Excel installed and with a port for USB memory stick