

## INTELLIGENT TES PHILOSOPHY

- 1. Subtestis measure what the examinee has learned
- Learning is culture-bound
- $1 Q$ is still a sort of achievement test
- This is good because it doesn't mean that someone is "doomed" because they have a low $I Q$ - they can still improve if given helpful recommendations
- Keep it practical - there are big picture theoretical questions (e.g., nature v. nurture) that aren't very helpful for any one examinee









## STEP 2: DETERMINERTWAY TO <br> SUMMARIZEOVERATELLECTUAL ABILITY

- FSIQ or GAI
- FSIQ is best as long as theres not too much variability
- GAI $=$ Only VCI and PRI (excludes WMI and PSI)
- Also available for the WISC-IV
- Best option when memory or speed subtest scores deviate significantly from scores on verbal and nonverbal tasks
- VCl and PRI subtests are usually best measures of $g$
- WMI and PSI subtests = usually the worst



## STEP 2A: CAN WA FSIQ?

- Subtract lowest index score from highest index score
- Is the size of the standard score difference < 1.5 SDs (or $<23$ points)?
- If YES, then ESIQ can be interpreted as a reliable and valid estimate of one's global intellectual ability. Go to step 4.
- If NO, then there's too much variation in the index scores to meaningfully summarize global intellectual ability using a single score (i.e., the FSIQ). Go to Step 2b.



## STEP 2B: WHES

- Can we use the GAl instead?
- Is the size of the standard score difference between the VCl and $\mathrm{PRI}<1.5$ SDs (<23 points)?
- If YES, GAl is a good estimate of overall ability. Sum the 6 scaled scores that comprise the GAI, then look at Appendix C in the Technical and Interpretive Manual to figure out GAI. Go to Step 3.
- If NO, GAI is FUBAR, too. Go to Step 3.



## EXCEPTION TO

- When you need a global score for diagnosis (e.g., of ID) or placement decisions (e.g., gifted program), then always interpret an overall score
- Use clinical judgment to decide the best score to go with (FSIQ or GAI)
- Example: Impulsive or distractible examinee... which one would you use?



## STEP 3: ARE <br> DIFFERENT?

- Cognitive Proficiency
- Combo of WMI and PSI core subtest
- Larry Weiss et al (2006)
- "Proficient processing, through quick visual speed and good mental control, facilitates fluid reasoning and the acquisition of new material by reducing the cognitive demands of novel tasks"
- A little controversial (neuropsychologists don't like it... see Hebben, 2009) - may indicate additional neuropsych testing is needed
- Useful when GAI is best estimate of global ability; for LDs, TBIs, and Asperger's (which no longer exists!)










