

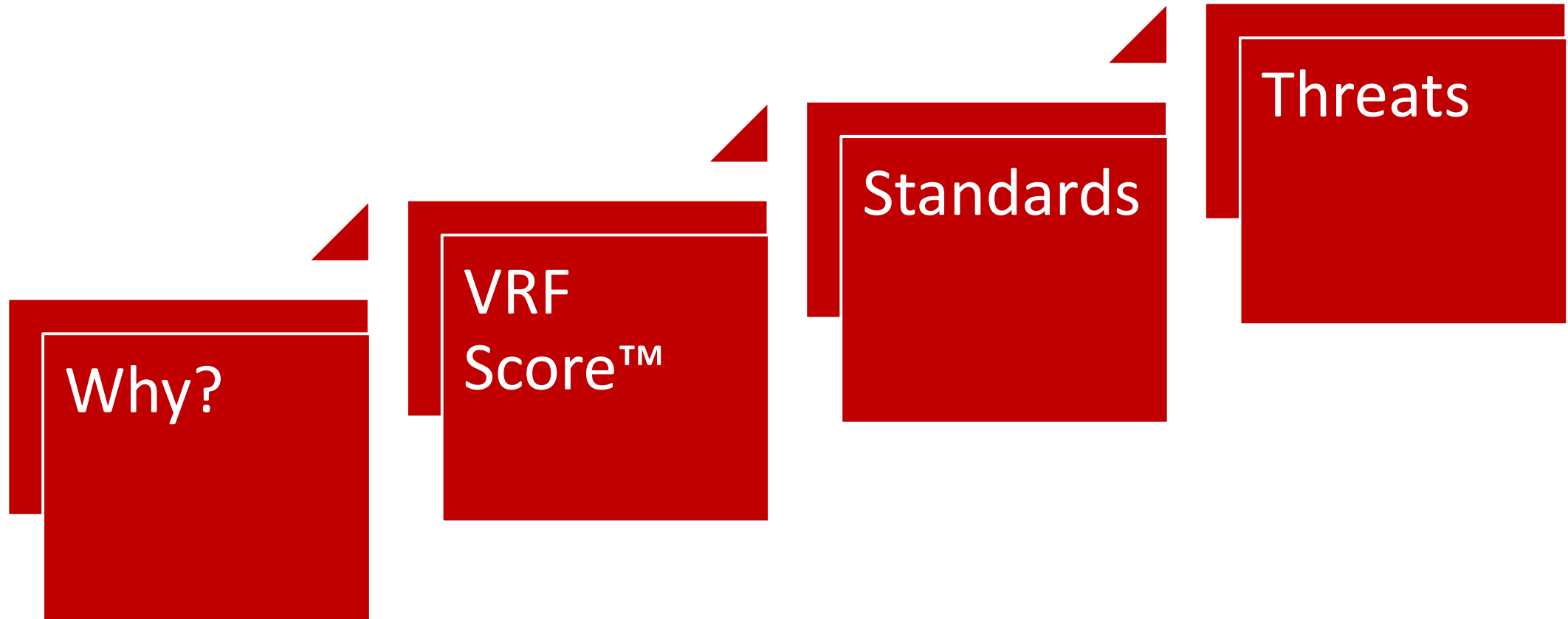
Common Validation and Fairness Threats When Evaluating Programs Against Accreditation, Testing, and Measurement Standards



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ASSESSMENT, EDUCATION, AND RESEARCH EXPERTS

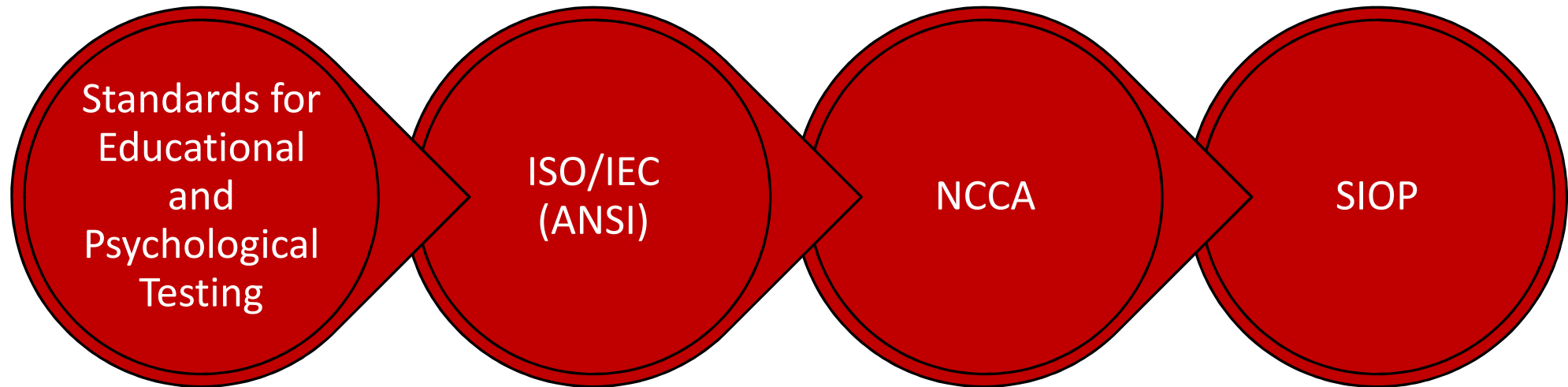
Our Journey Today



Valid and Fair Assessments Improve Our Lives

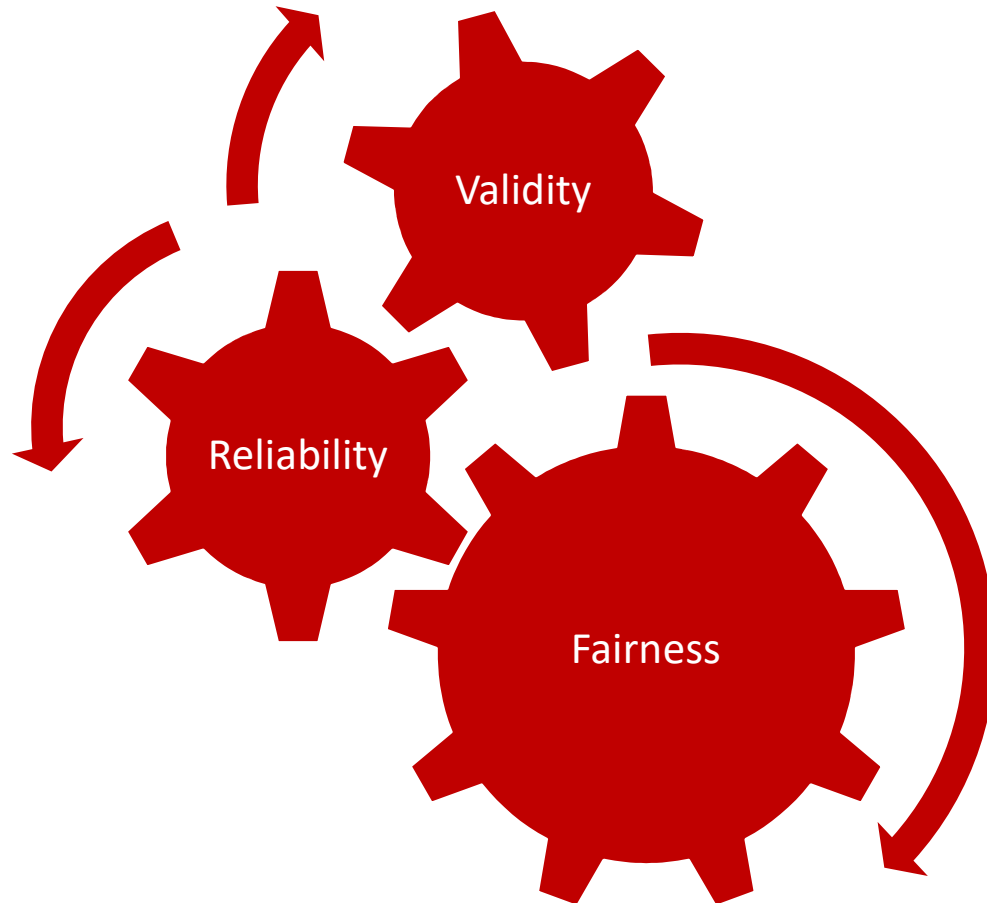


Testing and Measurement Standards Help Improve Valid and Fair Assessments



Psychometric Goals

V
R
F

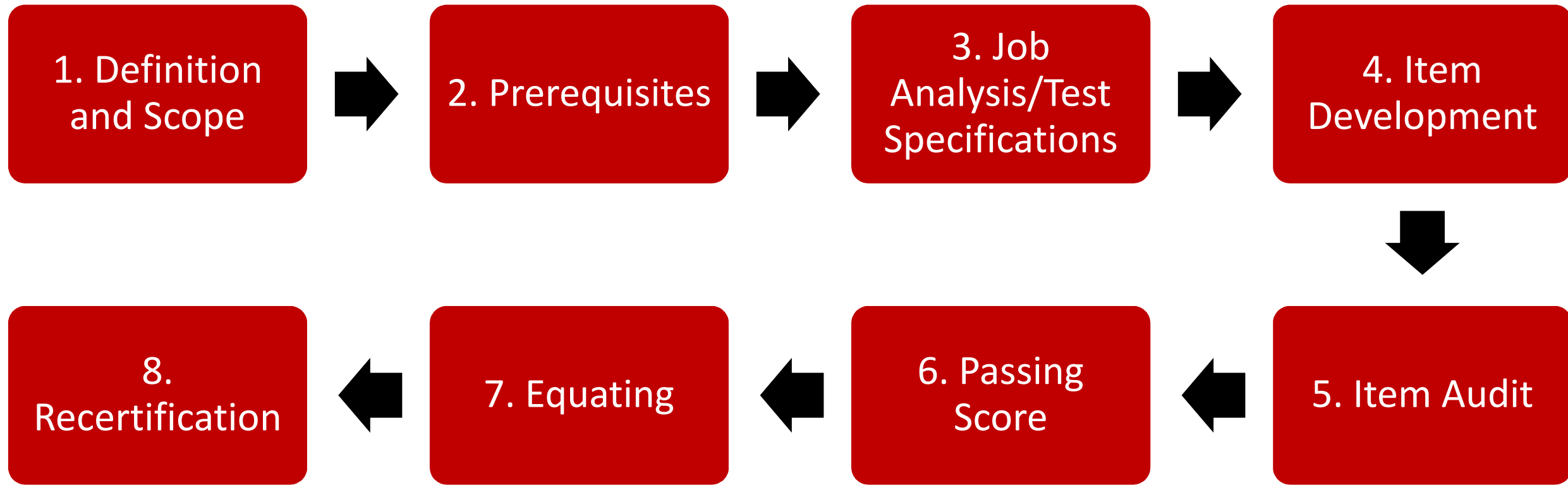


VRF Score™ - AERE's Global Evaluation Score



VRF Score™ is a global score developed by AERE that allows clients to quickly interpret threats to the **validity, reliability, and fairness** of their organization's assessment program across various activities based on common and best practices, testing and measurement standards, and U.S. and international law.

Threats Across the Test Development Process



Most Common Threat

I get to participate in all the TD steps. I am going to include the items I wrote despite the poor statistics and rate them high on this passing score exercise.

I'm the CEO. This exam will only include what I want.



Why do we have very similar backgrounds?

Sampling: Ensuring Representation

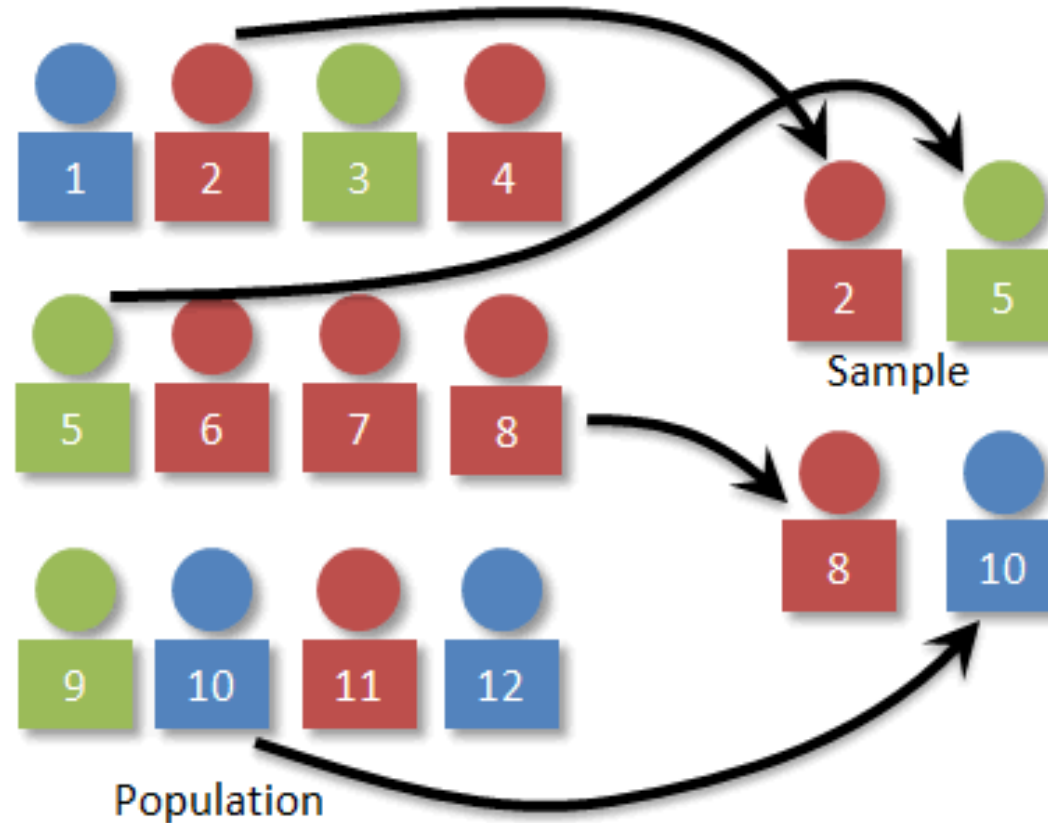
Population

N=12

Blue = 3 (25%)

Red = 6 (50%)

Green = 3 (25%)



Sample

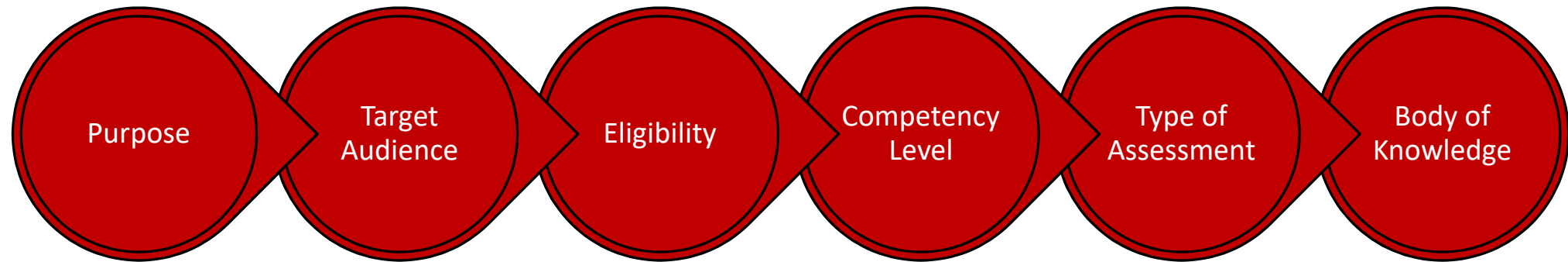
N=4

Blue = 1/4 (25%)

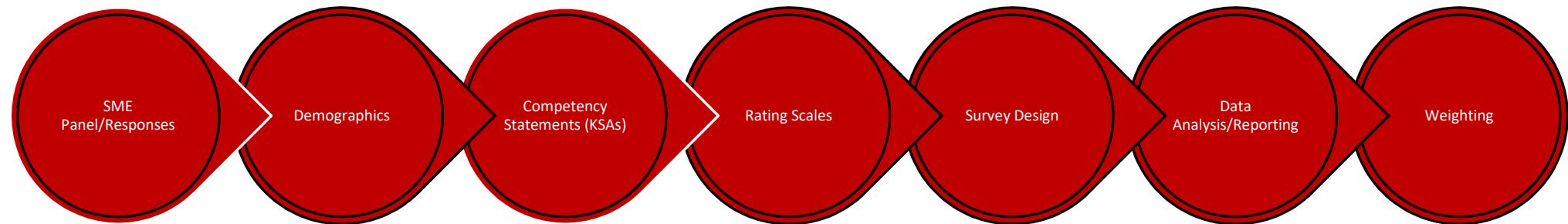
Red = 2/4 (50%)

Green = 1/4 (25%)

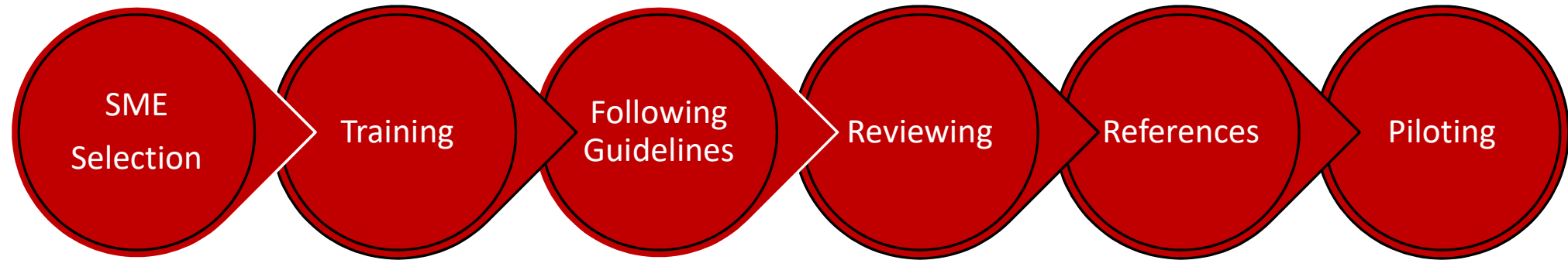
Definition and Scope Threats



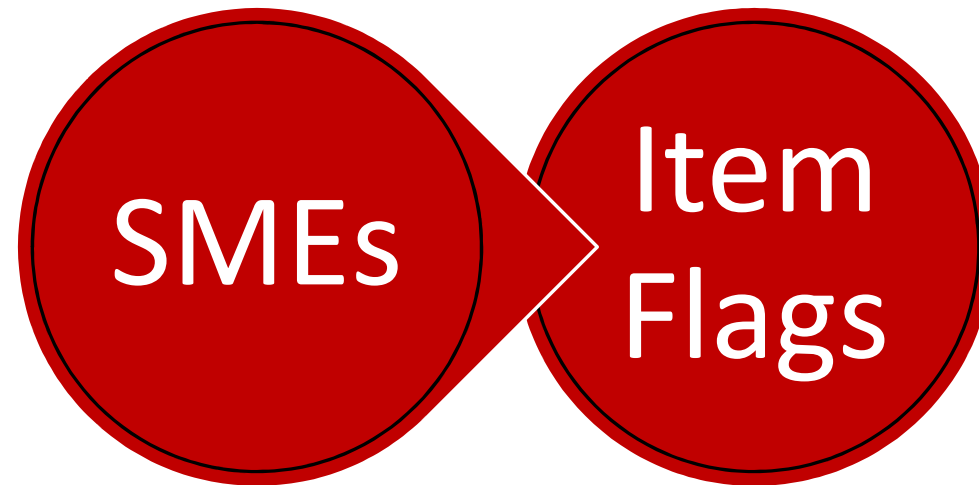
Job Analysis and Test Specifications Threats



Item Development Threats



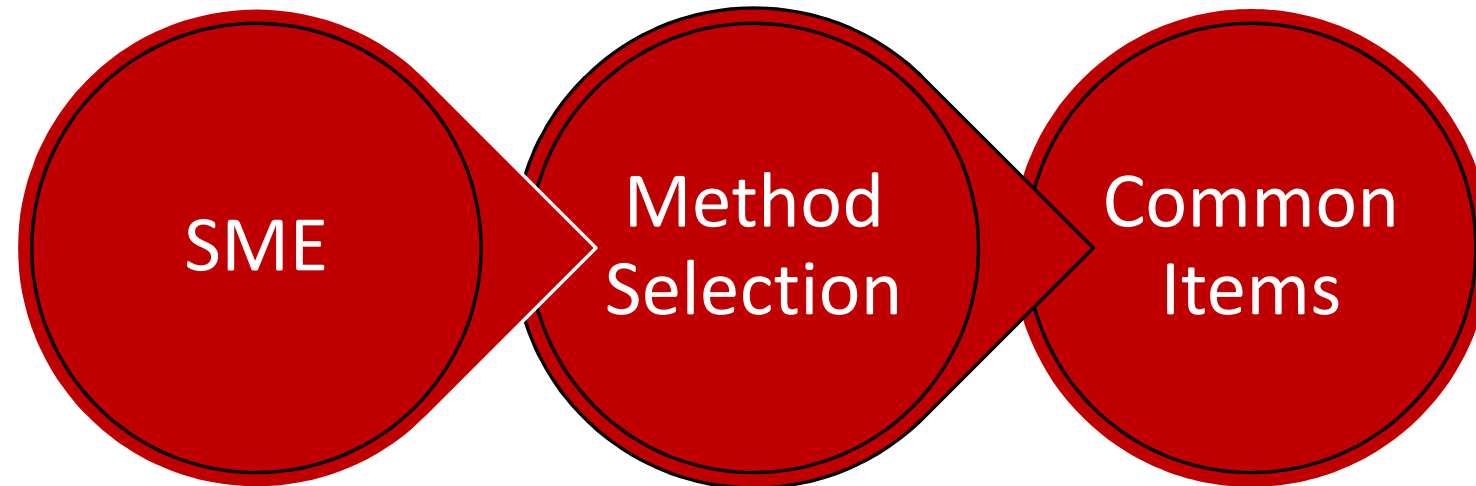
Item Audit Threats



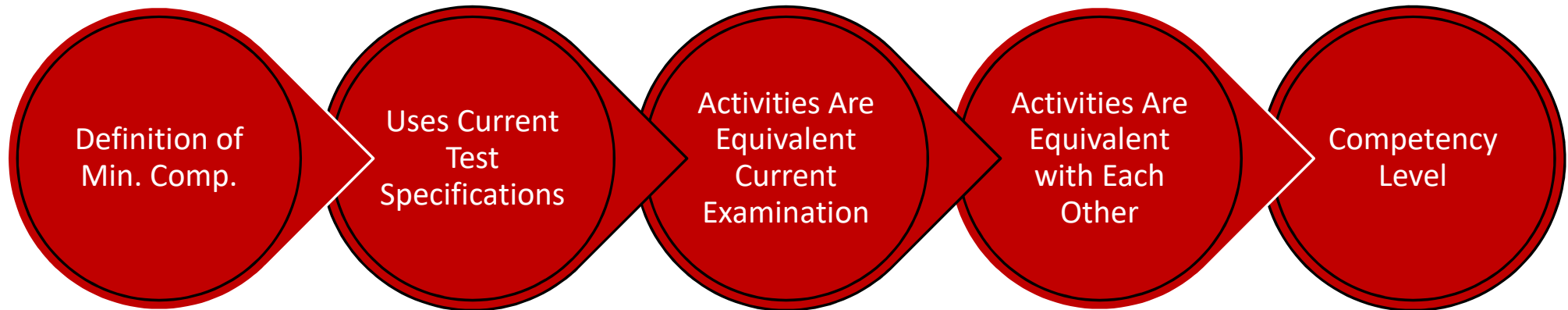
Passing Score Threats



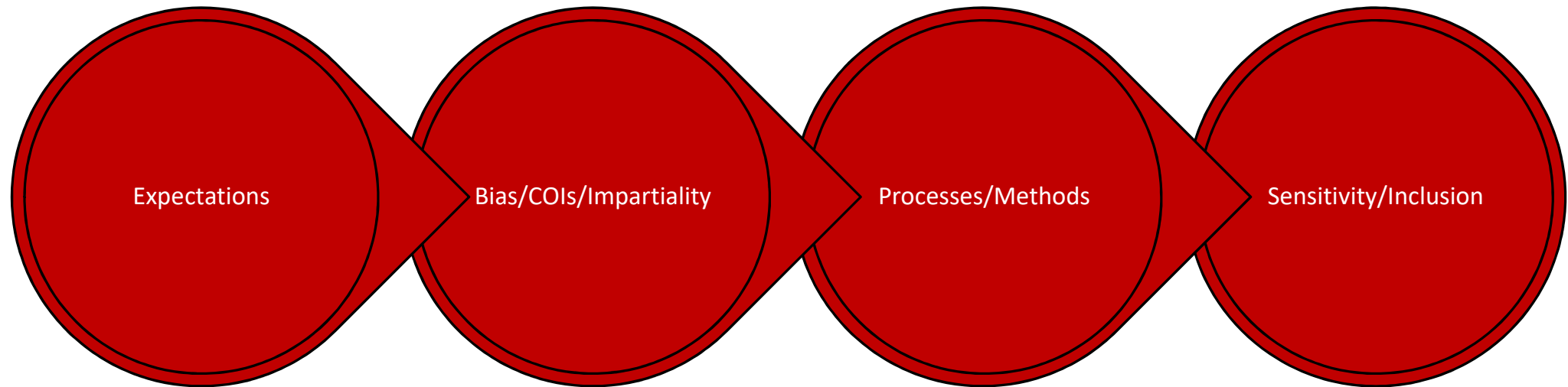
Equating Threats



Maintaining Competency Threats



Fairness Threats



Test and Information Security Threats



Other General Threats



LEADING the CONVERSATION

0=Many Threats

50=Some Threats

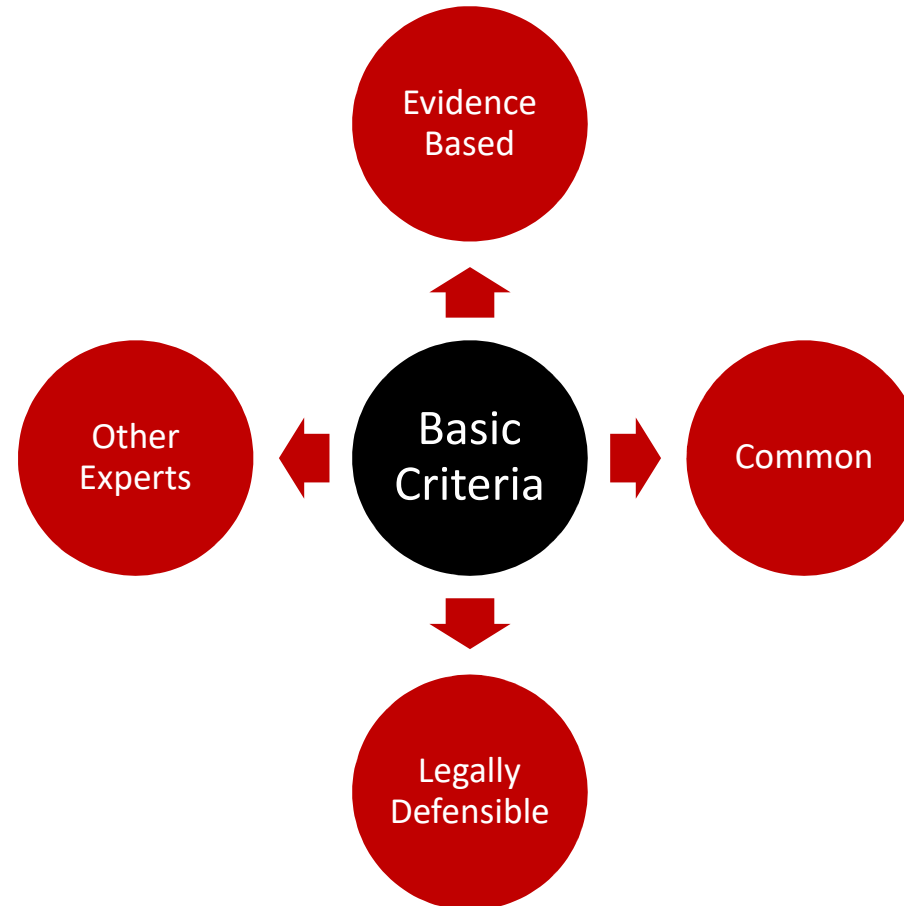
100=Minimal to No Threats



Does Not Meet Accreditation Requirements
Does Not Meet Testing Standards/Legal Requirements
Violates/Does Not Use Evidence Based Practices
Testing Experts Don't Approve Methods/Approaches Used

Accreditation Ready
Meets Testing Standards/Legal Requirements
Adheres to Evidence Based Practices
Testing Experts Approve Methods/Approaches Used

Simple Ways to Increase Your VRF Score™



Thank You!



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Client-Centered, Solution-Focused, and Practicing the Practical