Assignment Brief 1 – Assessment Battery

# Introduction

## Purpose of Report

* Importance of the topic
* What can psychological measurement do to help?

## Definition of Constructs

* Brief definition of the constructs of interest
* Why these construct?
* Some validity and reliability evidence – how do scales predict actual behaviour

## Evidence of Usefulness in Context

* Applied use of the measures

# Methods

## Participants

* Who were they?
* How many?
* Where sampled from?
* Important demographic characteristics.
* Table for most of these to save words

## Materials

* Which scales are used?
* Previous reliability statistics?
* How were they presented?

## Procedure

* Very brief

# Results

## Factor Analysis

* Table of loadings
* Type of analysis performed

## Reliability Analysis

* Alpha or Omega (depending on checks – these will be detailed in the reflective log)

## Descriptive Statistics

* Means/SDs
* Possible by gender

## Model Specific Characteristics

### Classical Test Theory

* Standard Error of Measurement
* Standard Error of Difference
* Calculations in the appendix

### Item Response Theory

* Item characteristic curves
* Distribution of theta scores
* Percentile tables

## Correlations

* Do the measures correlate with one another?
* Divergent/Convergent validity?

# Discussion

## Appropriateness of methods

* Who is the intended population?
* What can this tool be applied to?
* Discussion of reliability and validity of the measure
* Discussion of factor loadings – how do they fit with previous research?

Assignment Brief 2 – Sample Case Report

# Introduction

Explain that this case report is a sample to be used for guidance only.

## Scenario

* Why did the individual complete the measure?
* What is the intended use?
* Who conducted the assessment? What are their credentials

## Brief Definition of Constructs

* In every day language describe the constructs, how they were measured, what they predict, and why this is important for the scenario

## Norm Group Characteristics

* Again – briefly discuss the norm group – who were they and why are they relevant for this scenario?

# Results

## Construct 1

### User’s Score

* Raw score or Theta score

### Degree of error

* Confidence intervals

### Standardised Score

* Percentile or T score for CTT
* IRT?

### Brief Interpretation of score

* Range the participant falls into and what this means in terms of real world behaviours

## Construct 2

### User’s Score

### Degree of error

### Standardised Score

### Brief Interpretation of score

# Discussion

## Interpretation of Profile

* What does this tell profile us about the persons competence/personality/values in total?

## Appropriateness of norm group

* Are they appropriate for the scenario? Could this biased?

## Conclusion

* Only one source of information

Assignment Brief 3 – Critical Reflection

# Why was the scenario chosen?

Why did you choose the constructs and how were these relevant to the scenario?

Which philosophical standpoints informed your project and why were these appropriate?

Why did you choose the particular analysis method?

Why did you choose CTT/IRT? Why was this appropriate?

What more could be added to the project/what were the weaknesses of the battery?