Peer Assessment

The attached workbook contains 30 years of child malnutrition data for countries around the world.

The purpose of this assessment is to measure the efficacy of the visualisations within the workbook in answering three, latent, questions. Your experience completing the tasks below and your feedback after will help inform the author so that improvements to the workbook can be made.

Your tasks are:

Dashboard 1

1. Name two Asian countries in which ‘Wasting Prevalence’ has gone up over the period.

Thailand & Lao PR

1. Name two African countries in which ‘Stunting Prevalence’ has gone down over the period.

Mali & Egypt

1. Which country has shown the best improvement across all categories over the time period?

Bangladesh

Dashboard 2

1. What is the median Q3 value for ‘Severe Wasting’ in Asia?

1.9

1. What is the general relationship between the quintiles and the malnutrition types, and how does this differ for ‘Overweight Prevalence’, in Africa?

Reduces as Q increases, Overweight increases as Q increases

Dashboard 3

1. Name one way in which the trends for the 2 age groups are similar and one in which they differ.

Both decrease with time. 2-5 is reducing faster.

1. In which country has ‘Overweight Prevalence’ in the 0-1 age range regressed the most?

Vis Froze- map lost contrast

1. Which two countries have regressed most in the 2-5 age range for ‘Severe Wasting Prevalence’?

Vis Froze- map lost contrast

Feedback

1. How difficult did you find it to complete the tasks?

1 – Very Difficult

2 – Relatively difficult

3 – Neither difficult nor easy

4 – Relatively easy

5 – Very easy

1. How able were you to interpret the plots?

1 – Not at all

2 – With Difficulty

3 – With a reasonable amount of effort

4 – Quite easily

5 – Very easily

1. Which task did you most struggle to complete and, if you can, please identify what made it difficult?

Picking out individual coutries for max/ min

1. How many visualisations did you find visually appealing?

1 – Very few or none

2 – A minority of them

3 – About half

4 – The majority of them

5 – Almost all of them or all

1. How many visualisations did you find informative?

1 – Very few or none

2 – A minority of them

3 – About half

4 – The majority of them

5 – Almost all of them or all

1. To what extent did the plots highlight key trends in the data?

1 – Not at all

2 – A minority highlighted a trend

3 – About half highlighted a trend

4 – The majority of them highlighted a trend

5 – Almost all of them or all of them highlighted a trend

1. How easy was it to interpret the colour schemes used?

1 – Very Difficult

2 – Relatively difficult

3 – Neither difficult nor easy

4 – Relatively easy

5 – Very easy

1. Did you find the filters provided useful?

1 – Not at all

2 – Not very

3 – Reasonably

4 – Quite

5 – Very

1. How did you find the interactive experience provided by the workbook?

1 – Terrible

2 – Poor

3 – Okay

4 – Good

5 – Great

1. How appropriate do you think the choice of graphs were for each question?

1 – Not at all

2 – Not very

3 – Reasonably

4 – Quite

5 – Very