

## Data Collection and Analysis 1-9 months (Including 4 RAC meetings)

Questions	Judging Criteria	Max Points	Scoring Details	Score Received
<b>Document the data you collected from your experiment.</b>	Sufficient data is collected and well-documented	20	0 points: No data documentation 10 points: Data documented but not following GYRA guidelines 20 points: Data documented exactly per GYRA guidelines <i>Note: Minimum score needed to move to the next stage is 20 points.</i>	
<b>List potential sources of error.</b>	Lists sources of error and explains how these could have affected the results	10	0 points: Does not list any errors 5 points: Incomplete list of sources of error 10 points: Lists sources of error, alternative strategies to overcome the errors, explanations are very thorough and free of spelling or grammatical errors <i>Note: Minimum score needed to move to the next stage is 10 points.</i>	
<b>Statistical analysis.</b>	Lists statistical tests used to validate the data	20	0 points: Does not list any statistics 20 points: Lists statistical tests with very thorough explanations and represents the statistical significance <i>Note: This applies only to studies that require any statistical analysis. Minimum score needed to move to the next stage is 20 points.</i>	