Summary Report for Economics Analysis

Student’s Name

Course Name and Number

Institutional Affiliation

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Assignment Due Date

**Summary Findings**

The following paper tries to summarize all the major themes the research analysis has clearly brought about both large and small firms and their participation in the micro and macro economics of their environments. This is a short synthesis highlighting ideas brought about in the attached excel sheet. The dataset being widely multivariate had some initial challenges taming. However, through the use of the excel PivotTable we have been able to summarize and extract only the necessary variables needed for the analysis.

**Task 1: c and d:** The first section of the summary involves discussion of task 1, part b question. The countries that rated high in percentiles quadrant of the analysis also seemed to have the same trend when considering their averages. The showed consistency across all variables sampled. However, there were situations where unexpected countries popped in the top quadrants. Looking at the plotted bar chart which is ordered in a descending fashion, the country seemingly to the median of the distribution is Australia. This can be seen from its position and also mental math to find the middle of the chart.

**Task 2:** Out of the 20 countries, France comes in at seventh place. The countries I had chosen for the comparison included the United States and Argentina. The initial assumption was that the United States would by far have an overall ranking of management compared to France. Argentina was to have a lower one. From the analysis this proved true. Making sorts of the rest of the variables and using plain vision, these results prove true for the rest of the variables in analysis. The United States maintains its first position in all variables except overall monitoring but is still maintaining the steady gap to France.

**Task 2 d)** Looking at the two clustered column charts by Canada and the United States there are clear differences of their distributions. What is similar is that neither has their peak at the center. Canada however has a stronger left tail compared to the right. The United States is a bit different having a more natural and normal distribution but still has a left skewness. The box and whisker plot shown also shows that Canada has a lower median score compared to the United States. Their interquartile range however diminishes from visual observation.

**Task 3** From the scatter plots created with linear trendlines. It would be quite difficult without further analysis saying that either education or competition affect the overall management score. Not only is the gradient of the trendlines really small, the R squared values also seem statistically insignificant. With only 3% of an R-squared value this shows that the linear expression would be inadequate in explaining the relationship in a more robust manner. However further analysis can be recommended which is not in the scope of this paper. This includes a t-test that would show the difference or similarity of the two variables.