

Test Section: INTEGRATED REASONING

Table Analysis

Table Analysis tests your ability to interpret data in spreadsheets. Use the sort function as needed to visualize trends in the data.

The table provides information from a statistical analysis on commuter travel in 2009. “Commuter” in this case is defined as any worker who does not work from home. In addition to the study’s findings on methods of travel used by employees in different industries, the table provides the statistical margin of error of the findings. This number, when added to or subtracted from the estimate, represents the 90 percent confidence interval around the estimate.

Sort by 

Industry	Total commuters (in thousands)	Drove alone		Carpooled		Public transportation		Walked		All other means	
		Percent	Margin of error (+/-)	Percent	Margin of error (+/-)	Percent	Margin of error (+/-)	Percent	Margin of error (+/-)	Percent	Margin of error (+/-)
Agriculture, forestry, and mining	2,168	72.4	0.7	17.0	0.5	1.9	0.2	5.3	0.2	3.4	0.3
Armed forces	1,174	74.4	0.9	10.9	0.6	1.5	0.2	10.1	0.7	3.1	0.3
Construction	8,841	75.1	0.3	18.5	0.3	2.9	0.1	1.4	0.1	2.1	0.1
Education and health care	29,921	80.9	0.1	9.4	0.1	4.8	0.1	3.5	0.1	1.4	0.1
Entertainment and recreation	12,281	72.3	0.3	12.0	0.2	7.4	0.2	5.6	0.1	2.7	0.1
Finance and insurance	8,933	80.9	0.2	7.2	0.1	8.2	0.2	2.7	0.1	1.0	0.1
Information	2,952	79.1	0.4	8.1	0.3	8.2	0.3	2.7	0.2	1.9	0.1
Manufacturing	14,086	83.3	0.2	11.3	0.2	2.5	0.1	1.4	0.1	1.5	0.1
Other services	6,449	77.6	0.3	10.4	0.2	5.9	0.2	4.3	0.1	1.8	0.1
Public administration	6,589	82.1	0.2	8.9	0.2	6.4	0.2	1.4	0.1	1.3	0.1
Retail trade	15,493	81.5	0.2	9.1	0.1	4.4	0.1	3.3	0.1	1.7	0.1
Scientific and management	13,301	76.6	0.2	10.9	0.2	8.0	0.1	2.5	0.1	2.1	0.1
Transportation and warehousing	6,683	83.7	0.2	8.3	0.2	3.8	0.1	1.3	0.1	3.0	0.1
Wholesale trade	3,802	84.4	0.3	9.4	0.3	3.2	0.2	1.6	0.1	1.4	0.1

Each column of the table can be sorted in ascending order by clicking on the word “Select” above the table and choosing, from the drop-down menu, the heading of the column on which you want the table to be sorted.

Consider the following statements. On the basis of the data provided, indicate whether each statement is true or false.

- | | | |
|-----------------------|-----------------------|---|
| True | False | |
| <input type="radio"/> | <input type="radio"/> | The median margin of error for walking is larger than the mode margin of error for walking. |
| <input type="radio"/> | <input type="radio"/> | Assuming actual values are within the margin of error, it is possible that a larger proportion of people drove alone to work in retail trade than drove alone to work in public administration. |
| <input type="radio"/> | <input type="radio"/> | Assuming actual values are within the margin of error, it is possible that a larger proportion of people drove alone to work in the armed forces than drove alone to work in construction. |
| <input type="radio"/> | <input type="radio"/> | The listed industry with the largest overall margin of error relative to its own total commuters is agriculture, forestry, and mining. |

Two-Part Analysis:

Two-Part Analysis tests your ability to answer questions that contain two separate components that must work together in the scenario given. These questions can require both quantitative and verbal skills. Double-check that you do not mix up the two columns when selecting your answers.

The events A and B are independent, and the probability that event A occurs is 0.4.

In the table below, choose the two numbers that are consistent with the information that is given. In the first column, select the row that shows the probability that at least one of the events A and B occurs, and in the second column, select the row that shows the probability that event B occurs.

Probability that at least one of the events A and B occurs	Probability that event B occurs	Possible Answers
<input type="radio"/>	<input type="radio"/>	0.10
<input type="radio"/>	<input type="radio"/>	0.25
<input type="radio"/>	<input type="radio"/>	0.50
<input type="radio"/>	<input type="radio"/>	0.55
<input type="radio"/>	<input type="radio"/>	0.60
<input type="radio"/>	<input type="radio"/>	0.80

Key Takeaway:

The Integrated Reasoning section tests many of the same foundational skills as the Quantitative and Verbal sections. Your ability to master the GMAT core competencies taught by Kaplan—critical thinking, pattern recognition, paraphrasing, and attention to the right detail—will be crucial to success on this section.