STATISTICS FOR ENGINEERS

MAT2001

LAB TASK-6

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Suppose the following table represents the sales figures of the 3 new menu items in the 18 restaurants after a week of test marketing. At .05 level of significance, test whether the average sales volume for the 3 new menu items are all equal.

Item 1	Item 2	Item 3
22	52	16
42	33	24
44	8	19
52	47	18
45	43	34
37	32	39

Since the p-value of 0.112 is greater than the 0.05 significance level, we do not reject the null hypothesis that **the mean sales volume of the new menu items are all equal.**