Gylling Data Management, Inc.

Table 2.1, Daily Bottle Cap Production of Three Machines, W. H. Kruskal and W. A. Wallis. Use of ranks in one-criterion variance analysis. Journal of the American Statistical Association, 47(260):583–621, Dec 1952.

Trial ID: Kruskal2.1 Location: Trial Year: 2019
Protocol ID: Kruskal2.1 Investigator: Peter Claussen
Project ID: Knowledge Base Study Director:
Sponsor Contact:

Character Rated			Daily Prod			Daily Prod	
Rating Data Type			YIELD			YIELD	
Rating Unit			NUMBER			NUMBER	
ARM Action Codes						AR	
Trt No.	Treatment Name	1	StDev	Median	2	StDev	Median
3	Modification 2	348.500 -	5.000	348.000	10.000 -	.	348.000
1	Standard	339.000 -	5.657	340.000	4.800 -	.	340.000
2	Modification 1	338.667 -	5.508	339.000	4.667 -	.	339.000
LSD P=.05				7.7439			4.2160
Standard Deviation				5.4126			.
Grand Mean				342.0834			.
Levene's F				0.008			0.008
Levene's Prob(F)				0.992			0.992
Kruskal-Wallis X2				.			5.656
P(Kruskal-Wallis X2)				.			0.059
Skewness				0.0059			-0.3823
Kurtosis				0.2987			-0.6091
Treatment F				4.220			
Treatment Prob(F)				0.0510			

Rating Data Type
YIELD = yield
Rating Unit
NUMBER = number

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Due to missing data, larger LSD values (col. 2: >=4.2160 and <=4.8001) are used for mean comparisons of treatment pairs with missing data.
Reported values for columns 2 are rank means and not assessment means