

Oneway

Warnings

Post hoc tests are not performed for simulated_encryption_time_sec because there are fewer than three groups.

Descriptives

simulated_encryption_time_sec

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
ECC	15	4.347	2.8249	.7294	2.782	5.911
RSA-FHE	15	23.600	7.9714	2.0582	19.186	28.014
Total	30	13.973	11.4191	2.0848	9.709	18.237

Descriptives

simulated_encryption_time_sec

	Minimum	Maximum
ECC	2.0	10.0
RSA-FHE	12.0	40.0
Total	2.0	40.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2
simulated_encryption_time_sec	Based on Mean	7.369	1	28
	Based on Median	7.835	1	28
	Based on Median and with adjusted df	7.835	1	20.032
	Based on trimmed mean	7.639	1	28

Tests of Homogeneity of Variances

		Sig.
simulated_encryption_time_sec	Based on Mean	.011
	Based on Median	.009
	Based on Median and with adjusted df	.011
	Based on trimmed mean	.010

ANOVA

simulated_encryption_time_sec

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2780.181	1	2780.181	77.743	<.001
Within Groups	1001.317	28	35.761		
Total	3781.499	29			

ANOVA Effect Sizes^a

		Point Estimate	95% Confidence Interval	
			Lower	Upper
simulated_encryption_time_sec	Eta-squared	.735	.525	.823
	Epsilon-squared	.726	.508	.816
	Omega-squared Fixed-effect	.719	.500	.811
	Omega-squared Random-effect	.719	.500	.811

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.