

Assumption	How assumption is tested/determined	If test statistic - Value	Significance (p-value)	Assumption met? Yes or No
Dependent continuous or ordinal variable	Inherent in data set (continuous data)			Yes
Independent variable with 3+ levels	Inherent in data set (3 work type groups)			Yes
Independent observations (no within or between group links)	Inherent in data set (each pairwise data set is for a different employee)			Yes
Definition of per group data distribution similarities	K-W test for distribution similarity	K-W stat=55.987	$P < .001$	Neutral (determines the analysis path)
No outliers	Boxplot from K-W test			No-Some extreme outliers (of no consequence)