

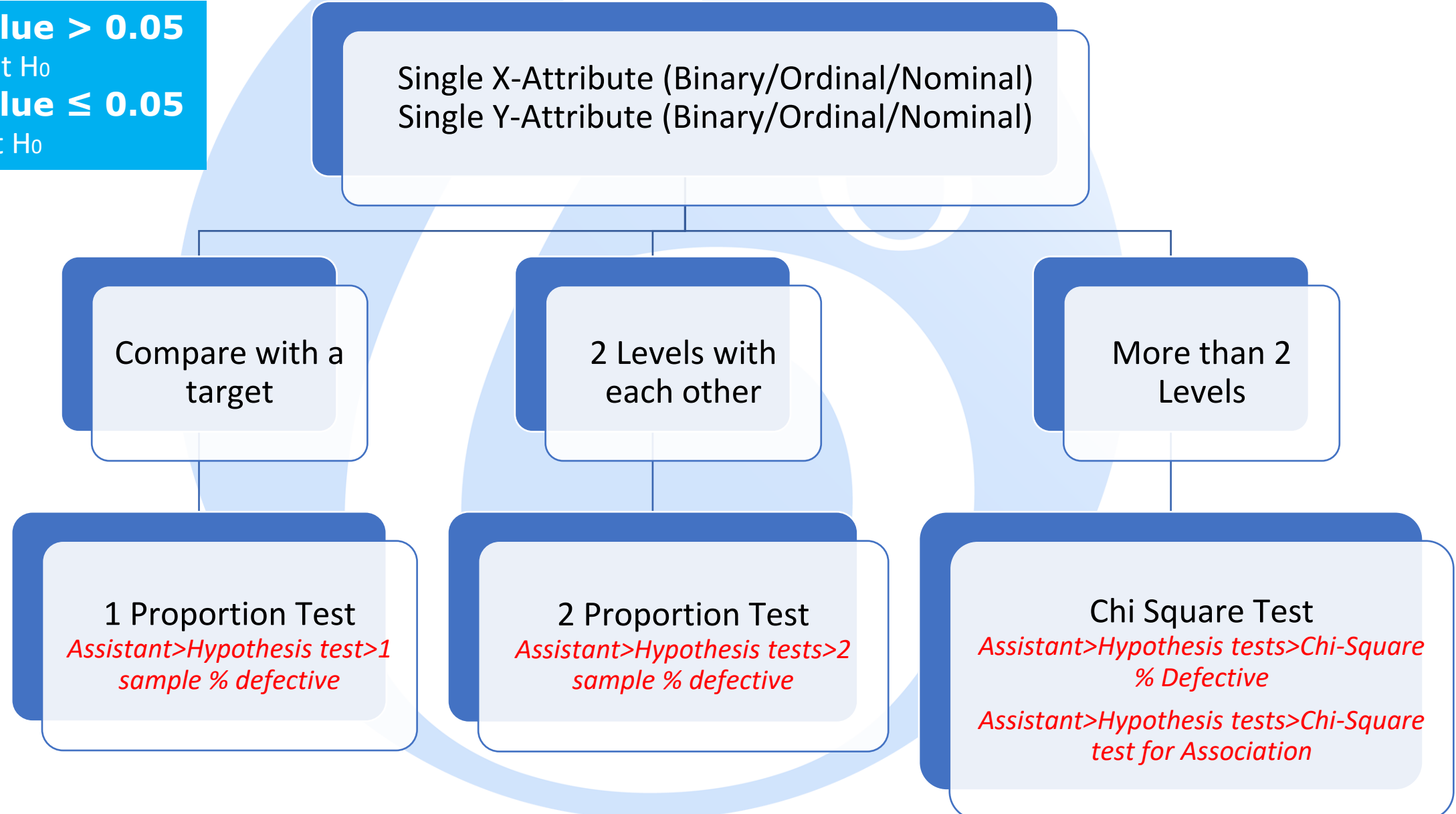
LEAN HELPER COMPANY LIMITED

An Unique Representative of *The Lean Six Sigma Company (Netherland)*

LEAN SIX SIGMA CERTIFIED BY ISO18404, ISO13053, ISO 21001
For Professionals and Companies



P value > 0.05
Accept H₀
P value ≤ 0.05
Reject H₀



P value > 0.05
Accept Ho
P value ≤ 0.05
Reject Ho

Single X-Attribute (Binary/Ordinal/Nominal)
Single Y-Numerical

Y- Normal
(All levels)

Y- Non Normal
(At least 1 level)

Compare with a target

2 Levels with each other

More than 2 Levels

Compare with a target

2 Levels with each other

More than 2 Levels

σ Known

σ Unknown

2 T Test
Assistant>Hypothesis tests>2-sample t-test
Paired T Test
Assistant>Hypothesis tests>Paired t

ANOVA
Assistant>Hypothesis Tests>One way ANOVA

Wilcoxon Test
Stat>Nonparametrics>1-Sample Wilcoxon

Mann Whitney Test
Stat>Nonparametrics>Mann-Whitney

No Outliers

Outliers

1 Z Test
Stat>Basic Statistics>1-Sample Z

1 T Test
Assistant>Hypothesis tests>1-sample t-test

Kruskal Wallis Test
Stat>Nonparametrics>Kruskal-Wallis

Moods Median Test
Stat>Nonparametrics>Mood's Median Test

Comparing Variances

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Single X-Attribute (Binary/Ordinal/Nominal)
Single Y- Numerical

Compare with a target

2 Levels with each other

More than 2 Levels

1 Variance Test
Chi Square, Bonett's Test (Normal)
Bonett's Test (Non Normal)
Stat>Basic Statistics>1 Variance

2 Variance Test
F Test (Normal)
Bonett's Test/ Levene's Test (Non Normal)
Stat>Basic Statistics>2 Variances

Test for Equal Variances
Bartlett's Test (Normal)
Levene's Test/Multiple comparisons (Non Normal)
Stat>ANOVA> Test for Equal Variances

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	Single X-Numerical
Single Y- Attribute(Binary/Ordinal/Nominal)	<p>Logistic Regression</p> <p><i>Stat>Regression>Binary Fitted Line Plot</i> <i>Stat>Regression>Ordinal Logistic Regression</i> <i>Stat>Regression>Nominal Logistic Regression</i></p>
Single Y- Numerical	<p>Regression</p> <p><i>Stat>Regression>Regression</i></p>

P value > 0.05

Accept H₀

P value ≤ 0.05

Reject H₀

	Multiple Xs	
	Attribute Data (Binary/Ordinal/Nominal)	Numerical Data (Continuous & Count)
Single Y- Attribute	Multiple Logistic Regression <i>Stat>Regression>Binary Logistic Regression</i> <i>Stat>Regression>Ordinal Logistic Regression</i> <i>Stat>Regression>Nominal Logistic Regression</i>	
Single Y- Numerical	2-3-4 Way ANOVA, General Linear Model (GLM) <i>Stat>Anova>General linear model>Fit general linear model</i>	Multiple Regression <i>Stat>Regression>Regression</i>

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