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LAMPIRAN

TON/HA 2019

Two-Sample T-Test and CI: TANPA TTKS C54, TKKS C65

Method

μ_1 : mean of LCPKS C54

μ_2 : mean of TKKS C65

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
LCPKS C54	12	0.507	0.163	0.047
TKKS C65	12	0.986	0.703	0.20

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-0.479	0.510	(-0.911, -0.047)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.30	22	0.031

TON/HA 2020

Two-Sample T-Test and CI: TANPA TTKS C54, TTKS C65

Method

μ_1 : mean of LCPKS C54

μ_2 : mean of TTKS C65

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
LCPKS C54	12	1.387	0.305	0.088
TKKS C65	12	1.817	0.554	0.16

Estimation for Difference

	Pooled	95% CI for
Difference	StDev	Difference
-0.430	0.447	(-0.809, -0.052)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.36	22	0.028

WORKSHEET 1

Two-Sample T-Test and CI: TANPA TTKS C54, TKKS C65

Method

μ_1 : mean of LCPKS C54

μ_2 : mean of TKKS C65

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
LCPKS C54	12	1.383	0.319	0.092
TKKS C65	12	1.946	0.726	0.21

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-0.563	0.561	(-1.038, -0.088)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.46	22	0.022

TINGGI POKOK

Two-Sample T-Test and CI: C65 TKKS, C54 TANPA TTKS

Method

μ_1 : mean of C65 TKKS

μ_2 : mean of C54 LCPKS

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
C65 TKKS	20	4.713	0.576	0.13
C54 LCPKS	20	4.339	0.436	0.098

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
0.375	0.511	(0.048, 0.702)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$
Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
2.32	38	0.026

LEBAR PETIOLE

Two-Sample T-Test and CI: C65 TKKS, C54 TANPA TTKS

Method

μ_1 : mean of C65 TKKS

μ_2 : mean of C54 LCPKS

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
C65 TKKS	20	7.487	0.547	0.12
C54 LCPKS	20	7.019	0.575	0.13

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
0.468	0.561	(0.109, 0.827)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
2.64	38	0.012

TEBAL PETIOLE

Two-Sample T-Test and CI: C65 TKKS, C54 TANPA TTKS

Method

μ_1 : mean of C65 TKKS

μ_2 : mean of C54 LCPKS

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
C65 TKKS	20	4.918	0.750	0.17
C54 LCPKS	20	4.453	0.473	0.11

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
0.466	0.627	(0.065, 0.867)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
2.35	38	0.024

PANJANG PELEPAH

Two-Sample T-Test and CI: C65 TKKS, C54 TANPA TTKS

Method

μ_1 : mean of C65 TKKS
 μ_2 : mean of C54 LCPKS
 Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
C65 TKKS	20	8.018	0.455	0.10
C54 LCPKS	20	7.630	0.509	0.11

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
0.388	0.483	(0.078, 0.697)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$
 Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
2.54	38	0.015

JANJANG HA 2019

Two-Sample T-Test and CI: TANPA TTKS C54, TTKS C65

Method

μ_1 : mean of LCPKS C54

μ_2 : mean of TTKS C65

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
LCPKS C54	12	72.0	20.5	5.9
TKKS C65	12	120.1	74.7	22

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-48.1	54.7	(-94.5, -1.8)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.15	22	0.043

JANJANG HA 2020

Two-Sample T-Test and CI: TANPA TTKS C54, TTKS C65

Method

μ_1 : mean of LCPKS C54

μ_2 : mean of TTKS C65

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
LCPKS C54	12	126.4	27.4	7.9
TKKS C65	12	197.7	58.5	17

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-71.3	45.7	(-110.0, -32.6)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-3.82	22	0.001

JANJANG HA 2021

Two-Sample T-Test and CI: TANPA TTKS C54, TTKS C65

Method

μ_1 : mean of LCPKS C54

μ_2 : mean of TTKS C65

Difference: $\mu_1 - \mu_2$

Equal variances are assumed for this analysis.

Descriptive Statistics

Sample	N	Mean	StDev	SE Mean
LCPKS C54	12	130.4	17.2	5.0
TKKS C65	12	183.2	72.7	21

Estimation for Difference

Difference	Pooled StDev	95% CI for Difference
-52.8	52.8	(-97.5, -8.1)

Test

Null hypothesis $H_0: \mu_1 - \mu_2 = 0$

Alternative hypothesis $H_1: \mu_1 - \mu_2 \neq 0$

T-Value	DF	P-Value
-2.45	22	0.023