> t.test(PAO1,lasR\_insert)

Welch Two Sample t-test

data: PAO1 and lasR\_insert

t = 2.0215, df = 3.9962, p-value = 0.1134

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-0.2676134 1.6989288

sample estimates:

mean of x mean of y

2.882392 2.166734

> t.test(PAO1,lasR\_clean)

Welch Two Sample t-test

data: PAO1 and lasR\_clean

t = 1.2038, df = 2.2862, p-value = 0.3384

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-0.6898342 1.3233568

sample estimates:

mean of x mean of y

2.882392 2.565631

> t.test(lasR\_insert,lasR\_clean)

Welch Two Sample t-test

data: lasR\_insert and lasR\_clean

t = -1.56, df = 2.3041, p-value = 0.2428

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-1.3710026 0.5732097

sample estimates:

mean of x mean of y

2.166734 2.565631

> t.test(PAO1,lasI)

Welch Two Sample t-test

data: PAO1 and lasI

t = 3.698, df = 3.5755, p-value = 0.02541

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

0.2438126 2.0486405

sample estimates:

mean of x mean of y

2.882392 1.736165

> t.test(PAO1,lasRrhlR)

Welch Two Sample t-test

data: PAO1 and lasRrhlR

t = 8.9147, df = 2.1001, p-value = 0.01059

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

1.235737 3.351829

sample estimates:

mean of x mean of y

2.8823920 0.5886088

> t.test(PAO1,rhlR)

Welch Two Sample t-test

data: PAO1 and rhlR

t = 5.7575, df = 2.7295, p-value = 0.01342

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

0.6620077 2.5288914

sample estimates:

mean of x mean of y

2.882392 1.286942

> t.test(PAO1,A17)

Welch Two Sample t-test

data: PAO1 and A17

t = 8.5365, df = 2.2689, p-value = 0.009049

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

1.230816 3.252262

sample estimates:

mean of x mean of y

2.8823920 0.6408526

> t.test(PAO1,SWPA15J)

Welch Two Sample t-test

data: PAO1 and SWPA15J

t = -0.54013, df = 2.2238, p-value = 0.6384

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-1.1631049 0.8809628

sample estimates:

mean of x mean of y

2.882392 3.023463

> t.test(PAO1,CND03)

Welch Two Sample t-test

data: PAO1 and CND03

t = 9.1044, df = 2.0322, p-value = 0.01127

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

1.241717 3.404502

sample estimates:

mean of x mean of y

2.8823920 0.5592827

> t.test(PAO1,e5BR2)

Welch Two Sample t-test

data: PAO1 and e5BR2

t = 2.0913, df = 2.2369, p-value = 0.158

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-0.4716326 1.5657161

sample estimates:

mean of x mean of y

2.882392 2.335350

> t.test(PAO1,Co398373)

Welch Two Sample t-test

data: PAO1 and Co398373

t = -1.629, df = 2.9838, p-value = 0.2023

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-1.3769847 0.4464831

sample estimates:

mean of x mean of y

2.882392 3.347643

> t.test(PAO1,CPHL2000)

Welch Two Sample t-test

data: PAO1 and CPHL2000

t = 6.5561, df = 2.0504, p-value = 0.02111

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

0.6017952 2.7515107

sample estimates:

mean of x mean of y

2.882392 1.205739

> t.test(PAO1,Jp238)

Welch Two Sample t-test

data: PAO1 and Jp238

t = -1.0897, df = 2.8716, p-value = 0.3587

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-1.2269484 0.6128173

sample estimates:

mean of x mean of y

2.882392 3.189458

> t.test(PAO1,Jp1155)

Welch Two Sample t-test

data: PAO1 and Jp1155

t = 4.2831, df = 3.8947, p-value = 0.01357

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

0.5806455 2.7874054

sample estimates:

mean of x mean of y

2.882392 1.198366

> t.test(PAO1,W15Dec14)

Welch Two Sample t-test

data: PAO1 and W15Dec14

t = 3.6969, df = 2.0258, p-value = 0.06473

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-0.1411516 2.0262889

sample estimates:

mean of x mean of y

2.882392 1.939823

> t.test(PAO1,Aa249)

Welch Two Sample t-test

data: PAO1 and Aa249

t = -0.36915, df = 2.4339, p-value = 0.7417

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-1.0747309 0.8770629

sample estimates:

mean of x mean of y

2.882392 2.981226

> t.test(PAO1,PT31M)

Welch Two Sample t-test

data: PAO1 and PT31M

t = 3.4041, df = 2.3112, p-value = 0.06232

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-0.1025025 1.8991857

sample estimates:

mean of x mean of y

2.882392 1.984050

> t.test(PAO1,JD303)

Welch Two Sample t-test

data: PAO1 and JD303

t = -1.7464, df = 2.1185, p-value = 0.2158

alternative hypothesis: true difference in means is not equal to 0

95 percent confidence interval:

-1.5025248 0.6018102

sample estimates:

mean of x mean of y

2.882392 3.332749