Statistical result

1. Style-length comparison among figs and trees
2. F. auriculata

style length of male among figs

> kruskal.test(Style\_length$Male\_Au\_style~Style\_length$Fruit\_m\_Au, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Male\_Au\_style by Style\_length$Fruit\_m\_Au

Kruskal-Wallis chi-squared = 635.99, df = 31, p-value < 2.2e-16

Among trees

> kruskal.test(Style\_length$Male\_Au\_style~Style\_length$Male\_tree\_au, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Male\_Au\_style by Style\_length$Male\_tree\_au

Kruskal-Wallis chi-squared = 584.53, df = 3, p-value < 2.2e-16

style length of female among figs

> kruskal.test(Style\_length$Female\_Au\_style~Style\_length$Fruit\_f\_au, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Female\_Au\_style by Style\_length$Fruit\_f\_au

Kruskal-Wallis chi-squared = 597.48, df = 29, p-value < 2.2e-16

> kruskal.test(Style\_length$Male\_Au\_style~Style\_length$Female\_tree\_au, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Male\_Au\_style by Style\_length$Female\_tree\_au

Kruskal-Wallis chi-squared = 531.46, df = 2, p-value < 2.2e-16

1. F.hainanensis

> kruskal.test(Style\_length$Male\_hai\_style~Style\_length$Fruit\_m\_hai, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Male\_hai\_style by Style\_length$Fruit\_m\_hai

Kruskal-Wallis chi-squared = 68.808, df = 29, p-value = 4.406e-05

> kruskal.test(Style\_length$Male\_hai\_style~Style\_length$Male\_tree\_hai, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Male\_hai\_style by Style\_length$Male\_tree\_hai

Kruskal-Wallis chi-squared = 16.087, df = 2, p-value = 0.0003211

> kruskal.test(Style\_length$Female\_hai\_style~Style\_length$Fruit\_f\_au, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Female\_hai\_style by Style\_length$Fruit\_f\_au

Kruskal-Wallis chi-squared = 597.18, df = 29, p-value < 2.2e-16

> kruskal.test(Style\_length$Female\_hai\_style~Style\_length$Female\_tree\_hai, data = Style\_length)

Kruskal-Wallis rank sum test

data: Style\_length$Female\_hai\_style by Style\_length$Female\_tree\_hai

Kruskal-Wallis chi-squared = 549.64, df = 2, p-value < 2.2e-16

1. Offspring-size comparison among figs and trees

*Ceratosolen emarginatus*

*Among figs*

> kruskal.test(Ce\_headwidth~Ce\_fig, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ce\_headwidth by Ce\_fig

Kruskal-Wallis chi-squared = 21.204, df = 14, p-value = 0.09651

> kruskal.test(Ce\_thoraxwidth~Ce\_fig, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ce\_thoraxwidth by Ce\_fig

Kruskal-Wallis chi-squared = 10.706, df = 14, p-value = 0.7089

> kruskal.test(Ce.Ovilength~Ce\_fig, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ce.Ovilength by Ce\_fig

Kruskal-Wallis chi-squared = 22.266, df = 14, p-value = 0.07332

Among trees

> kruskal.test(Ce\_headwidth~Ce\_tree, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ce\_headwidth by Ce\_tree

Kruskal-Wallis chi-squared = 5.1641, df = 2, p-value = 0.07562

> kruskal.test(Ce\_thoraxwidth~Ce\_tree, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ce\_thoraxwidth by Ce\_tree

Kruskal-Wallis chi-squared = 1.3399, df = 2, p-value = 0.5117

> kruskal.test(Ce.Ovilength~Ce\_tree, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ce.Ovilength by Ce\_tree

Kruskal-Wallis chi-squared = 1.3452, df = 2, p-value = 0.5104

*Ceratosolen* sp.

*Among figs*

> kruskal.test(Ceh\_Headwidth~Ceh\_fig, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ceh\_Headwidth by Ceh\_fig

Kruskal-Wallis chi-squared = 13.365, df = 10, p-value = 0.204

> kruskal.test(Ceh\_Thoraxwidth~Ceh\_fig, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ceh\_Thoraxwidth by Ceh\_fig

Kruskal-Wallis chi-squared = 7.7914, df = 10, p-value = 0.6492

> kruskal.test(Ceh\_Ovilength~Ceh\_fig, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ceh\_Ovilength by Ceh\_fig

Kruskal-Wallis chi-squared = 5.5267, df = 10, p-value = 0.8533

*Among trees*

> kruskal.test(Ceh\_Headwidth~Ceh\_tree, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ceh\_Headwidth by Ceh\_tree

Kruskal-Wallis chi-squared = 5.3184, df = 2, p-value = 0.07001

> kruskal.test(Ceh\_Thoraxwidth~Ceh\_tree, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ceh\_Thoraxwidth by Ceh\_tree

Kruskal-Wallis chi-squared = 0.72915, df = 2, p-value = 0.6945

> kruskal.test(Ceh\_Ovilength~Ceh\_tree, data = Body\_siz)

Kruskal-Wallis rank sum test

data: Ceh\_Ovilength by Ceh\_tree

Kruskal-Wallis chi-squared = 3.6767, df = 2, p-value = 0.1591