**# Hypothesis 1a - Org Advancement, broad succession periods**

**# Hypothesis 1b - Position Advancement, broad succession periods**

**# Hypothesis 1c - Org Advancement, broad succession, by Institution**

**# Hypothesis 1d - Position Advancement, broad succession, by Institution**

Government

Succession\_Broad Total Transitions Total Advancements \

0 KIS to KJI 39 27

1 KJI to KJU 75 29

Percentage Advancements

0 69.23

1 38.67

x1,x2,n1,n2: [27, 29, 39, 75]

p1: 0.6923076923076923

p2: 0.38666666666666666

p1-p2: 0.30564102564102563

z: 3.096841647953146

pvalue: 0.0009779716358979673\*\*\*

Social

Succession\_Broad Total Transitions Total Advancements \

0 KIS to KJI 15 13

1 KJI to KJU 9 8

Percentage Advancements

0 86.67

1 88.89

x1,x2,n1,n2: [13, 8, 15, 9]

p1: 0.8666666666666667

p2: 0.8888888888888888

p1-p2: -0.022222222222222143

z: -0.1593638145779186

pvalue: 0.43669112315483205

Party

Succession\_Broad Total Transitions Total Advancements \

0 KIS to KJI 25 3

1 KJI to KJU 0 0

Percentage Advancements

0 12.0

1 NaN

x1,x2,n1,n2: [3, 0, 25, 0]

p1: 0.12

p2: nan

p1-p2: nan

z: nan

pvalue: nan

Military

Succession\_Broad Total Transitions Total Advancements \

0 KIS to KJI 5 5

1 KJI to KJU 14 14

Percentage Advancements

0 100.0

1 100.0

x1,x2,n1,n2: [5, 14, 5, 14]

p1: 1.0

p2: 1.0

p1-p2: 0.0

z: nan

pvalue: nan

**# Hypothesis 2a - Org Advancement, narrow succession periods**

**# Hypothesis 2b - Position Advancement, narrow succession periods**

**# Hypothesis 2c - Org Advancement, narrow succession, by Institution**

**# Hypothesis 2d - Position Advancement, narrow succession, by Institution**

Government

Succession\_Narrow Total Transitions Total Advancements \

0 KIS to KJI 25 16

1 KJI to KJU 42 13

Percentage Advancements

0 64.00

1 30.95

x1,x2,n1,n2: [16, 13, 25, 42]

p1: 0.64

p2: 0.30952380952380953

p1-p2: 0.3304761904761905

z: 2.640471166016987

pvalue: 0.0041395418644954995\*\*

Social

Succession\_Narrow Total Transitions Total Advancements \

0 KIS to KJI 5 3

1 KJI to KJU 0 0

Percentage Advancements

0 60.0

1 NaN

x1,x2,n1,n2: [3, 0, 5, 0]

p1: 0.6

p2: nan

p1-p2: nan

z: nan

pvalue: nan

Party

Succession\_Narrow Total Transitions Total Advancements \

0 KIS to KJI 12 0

1 KJI to KJU 0 0

Percentage Advancements

0 0.0

1 NaN

x1,x2,n1,n2: [0, 0, 12, 0]

p1: 0.0

p2: nan

p1-p2: nan

z: nan

pvalue: nan

Military

Succession\_Narrow Total Transitions Total Advancements \

0 KIS to KJI 3 3

1 KJI to KJU 7 7

Percentage Advancements

0 100.0

1 100.0

x1,x2,n1,n2: [3, 7, 3, 7]

p1: 1.0

p2: 1.0

p1-p2: 0.0

z: nan

pvalue: nan