

## 2YP - FOX - Analysis

```
## Loading required package: boot
## Loading required package: Hmisc
## Loading required package: lattice
##
## Attaching package: 'lattice'
## The following object is masked from 'package:boot':
##
##      melanoma
## Loading required package: survival
##
## Attaching package: 'survival'
## The following object is masked from 'package:boot':
##
##      aml
## Loading required package: Formula
## Loading required package: ggplot2
##
## Attaching package: 'Hmisc'
## The following objects are masked from 'package:base':
##
##      format.pval, round.POSIXt, trunc.POSIXt, units
##
## Attaching package: 'dplyr'
## The following objects are masked from 'package:Hmisc':
##
##      combine, src, summarize
## The following objects are masked from 'package:pastecs':
##
##      first, last
## The following objects are masked from 'package:stats':
##
##      filter, lag
## The following objects are masked from 'package:base':
##
##      intersect, setdiff, setequal, union
##
## Attaching package: 'car'
## The following object is masked from 'package:dplyr':
##
##      recode
```

```

## The following object is masked from 'package:boot':
##
##   logit
##
## Attaching package: 'psych'
## The following object is masked from 'package:car':
##
##   logit
## The following object is masked from 'package:Hmisc':
##
##   describe
## The following objects are masked from 'package:ggplot2':
##
##   %+%, alpha
## The following object is masked from 'package:boot':
##
##   logit
##
## Attaching package: 'gridExtra'
## The following object is masked from 'package:dplyr':
##
##   combine
## The following object is masked from 'package:Hmisc':
##
##   combine

```

## GRAPH RUNTIMES

### Total Runtime by Scaffold

#### CONDITION

mean

sd

0

38.80

7.61

1

43.39

8.88

2

41.44

9.30  
3  
40.55  
8.92  
4  
38.03  
7.18  
All  
40.38  
8.56

---

### Task Runtime by Scaffold and Graph

LM  
TM  
CONDITION  
mean  
sd  
mean  
sd  
0  
8.62  
2.12  
11.15  
3.55  
1  
9.84  
2.97  
11.62  
3.63  
2  
9.10  
2.29  
10.92  
3.04

3  
9.10  
2.59  
10.75  
3.45  
4  
9.35  
2.56  
9.90  
2.57  
All  
9.20  
2.53  
10.84  
3.28

---

### Task Runtime by Scaffold, Graph and Order

Graph Order

LMFirst

TMFirst

LM

TM

LM

TM

CONDITION

mean

sd

mean

sd

mean

sd

mean

sd  
0  
8.78  
2.42  
10.52  
3.67  
8.46  
1.83  
11.73  
3.39  
1  
10.36  
3.38  
11.74  
3.99  
9.27  
2.36  
11.48  
3.25  
2  
9.62  
2.49  
9.90  
3.03  
8.67  
2.05  
11.77  
2.82  
3  
9.94  
3.15  
9.80  
3.11  
8.31  
1.62  
11.64

3.56  
4  
10.14  
3.01  
9.80  
2.15  
8.55  
1.69  
10.00  
2.98

---

## GRAPH SCORES

### Total Graph Score by Scaffold

#### CONDITION

mean  
sd  
0  
17.89  
5.58  
1  
19.88  
5.54  
2  
19.59  
6.11  
3  
19.48  
5.95  
4  
21.59  
4.43  
All  
19.73

5.63

---

### Task Scores by Scaffold and Graph

LM

TM

CONDITION

mean

sd

mean

sd

0

0.733

0.160

0.459

0.301

1

0.739

0.151

0.595

0.282

2

0.726

0.149

0.583

0.304

3

0.734

0.149

0.573

0.304

4

0.738

0.134

0.716

0.222

All

0.734

0.148

0.588

0.294

---

## Task Scores by Scaffold and Graph and Order

Graph Order

LMFirst

TMFirst

LM

TM

LM

TM

CONDITION

mean

sd

mean

sd

mean

sd

mean

sd

0

0.738

0.184

0.459

0.321

0.728

0.137

0.459



0.287

1

0.729

0.147

0.561

0.281

0.750

0.158

0.632

0.284

2

0.700

0.139

0.643

0.285

0.747

0.156

0.533

0.314

3

0.723

0.176

0.623

0.314

0.744

0.122

0.525

0.292

4

0.749

0.125

0.757

0.148

0.726

0.144

0.674

0.274

---

## DRAWING TIME

### Drawing Time by Scaffold

CONDITION

mean

sd

0

13.31

3.57

1

15.13

5.31

2

14.08

4.68

3

13.77

4.55

4

13.58

4.63

All

13.96

4.59

---

### Drawing Time by Scaffold and Order

Task Order

LMFirst

TMFirst

## CONDITION

mean

sd

mean

sd

0

13.44

3.66

13.19

3.53

1

15.76

5.78

14.43

4.74

2

12.32

3.50

15.54

5.07

3

13.25

4.45

14.26

4.67

4

13.42

4.60

13.74

4.73

All

13.65

4.57

14.25

4.60

---

## DRAWING SCORE

### Drawing Score by Scaffold

CONDITION

mean

sd

0

0.779

0.300

1

0.859

0.233

2

0.856

0.264

3

0.884

0.183

4

0.897

0.184

All

0.856

0.238

---

### Drawing Score by Scaffold and Order

Order

LMFirst

TMFirst

CONDITION

mean

sd

mean

sd

0

0.793

0.299

0.766

0.306

1

0.815

0.280

0.908

0.156

2

0.911

0.174

0.810

0.315

3

0.889

0.184

0.880

0.186

4

0.879

0.227

0.917

0.126

All

0.858

0.239  
0.854  
0.239