

LIV Iliac/L5

Initial Patients: 372

With Posterior Instrumented Fusion & Number of Posterior Instrumented Levels > 3: 303

	type	N
1:	Iliac	126
2:	L5	34
3:	L4	38

Patients who end up instrumented until pelvis

```
revision <- read_excel(xls_path, sheet="Revision surgeries") %>%
  as.data.table()

revision[, 'Posterior Instrumented Fusion: Upper / Lower Levels' %>%
  sapply(. %>% strsplit('-', .)[[1]] %>% .[[2]]) ->
  post_intr_fusion

reint_iliac <- revision[post_intr_fusion=='Iliac', 'Code of the patient']

data_['Code of the patient' %in% reint_iliac, 'Code of the patient' %>% uniqueN, type]
```

	type	V1
1:	L5	8
2:	Iliac	8
3:	L4	1

UIV frequencies

	uiv	N
1:	L1	15
2:	L2	7
3:	L3	3
4:	T10	53
5:	T11	15
6:	T12	17
7:	T2	17
8:	T3	16
9:	T4	16
10:	T5	5
11:	T6	1
12:	T7	3
13:	T8	10
14:	T9	20

P-value ASA 1 Iliac vs L5

	treatment	asa_1	N
1:	Iliac	23	126
2:	L5	8	34
3:	L4	16	38

P-values Treatment Iliac vs Treatment L5

[1] 0.6554655

P-values Treatment Iliac vs Treatment L4

[1] 0.004958425

P-values Treatment L5 vs Treatment L4

[1] 0.1559404

P-value Prior Spine Surgery Yes Iliac vs L5

	treatment	prior_yes	N
1:	Iliac	51	126
2:	L5	10	34
3:	L4	5	38

P-values Treatment Iliac vs Treatment L5

[1] 0.327172

P-values Treatment Iliac vs Treatment L4

[1] 0.003527085

P-values Treatment L5 vs Treatment L4

[1] 0.1600936

3CO

	treatment	prior_yes	N
1:	Iliac	33	126
2:	L5	6	34
3:	L4	5	38

P-values Treatment Iliac vs Treatment L5

[1] 0.4210545

P-values Treatment Iliac vs Treatment L4

[1] 0.1471525

P-values Treatment L5 vs Treatment L4

[1] 0.841096

Demographics

Age - mean

All

[1] 58.2

Iliac

[1] 63.85

L5

[1] 52.76

L4

[1] 44.32

Iliac vs L5 p-value:[1] 0.0005895542

Iliac vs L4 p-value:[1] 4.08812e-09

L5 vs L4 p-value:[1] 0.02973694

Age - sd

All

[1] 14.96

Iliac

[1] 10.44

L5

[1] 16.46

L4

[1] 15.73

Gender - table

All

variable

Female	Male
169	29

Iliac

variable

Female	Male
108	18

L5

variable

Female	Male
29	5

L4

variable

Female	Male
32	6

Gender - proportion

All

variable

Female	Male
0.8535354	0.1464646

Iliac

variable

Female	Male
0.8571429	0.1428571

L5

variable

Female	Male
0.8529412	0.1470588

L4

variable

Female	Male
0.8421053	0.1578947

Prior Spine Surgery - table

All

variable

No Yes

132 66

Iliac

variable

No Yes

75 51

L5

variable

No Yes

24 10

L4

variable

No Yes

33 5

Prior Spine Surgery - proportion

All

variable

No	Yes
0.6666667	0.3333333

Iliac

variable

No	Yes
0.5952381	0.4047619

```
L5
variable
      No      Yes
0.7058824 0.2941176
```

```
L4
variable
      No      Yes
0.8684211 0.1315789
```

```
Height (cm)_First Visit - mean
All
[1] 161.48
Iliac
[1] 160.79
```

```
L5
[1] 160.97
```

```
L4
[1] 164.18
```

```
Iliac vs L5 p-value:[1] 0.9191389
```

```
Iliac vs L4 p-value:[1] 0.04353688
```

```
L5 vs L4 p-value:[1] 0.1340136
```

```
Height (cm)_First Visit - sd
All
[1] 9.01
Iliac
[1] 8.95
```

```
L5
[1] 9.08
```

```
L4
[1] 8.86
```

```
Weight (kgs)_First Visit - mean
All
[1] 66.11
Iliac
[1] 66.56
```

L5

[1] 65.94

L4

[1] 64.76

Iliac vs L5 p-value:[1] 0.7887049

Iliac vs L4 p-value:[1] 0.4203765

L5 vs L4 p-value:[1] 0.6763335

Weight (kgs)_First Visit - sd

All

[1] 11.9

Iliac

[1] 11.96

L5

[1] 11.86

L4

[1] 11.96

BMI_First Visit - mean

All

[1] 25.4

Iliac

[1] 25.74

L5

[1] 25.6

L4

[1] 24.12

Iliac vs L5 p-value:[1] 0.8811003

Iliac vs L4 p-value:[1] 0.05480767

L5 vs L4 p-value:[1] 0.1984229

BMI_First Visit - sd

All

[1] 4.34

Iliac

[1] 4.04

L5

[1] 5.02

L4

[1] 4.56

ASA classification - table

All

variable

1	2	3
47	129	22

Iliac

variable

1	2	3
23	87	16

L5

variable

1	2	3
8	23	3

L4

variable

1	2	3
16	19	3

ASA classification - proportion

All

variable

1	2	3
0.2373737	0.6515152	0.1111111

Iliac

variable

1	2	3
0.1825397	0.6904762	0.1269841

L5

variable

1	2	3
0.23529412	0.67647059	0.08823529

L4

variable

1	2	3
0.42105263	0.50000000	0.07894737

Tobacco use_First Visit - table

All

variable		
Current	Ex	Non-User
36	41	121

Iliac

variable		
Current	Ex	Non-User
23	27	76

L5

variable		
Current	Ex	Non-User
6	5	23

L4

variable		
Current	Ex	Non-User
7	9	22

Tobacco use_First Visit - proportion

All

variable			
Current	Ex	Non-User	
0.1818182	0.2070707	0.6111111	

Iliac

variable			
Current	Ex	Non-User	
0.1825397	0.2142857	0.6031746	

L5

variable			
Current	Ex	Non-User	
0.1764706	0.1470588	0.6764706	

L4

variable			
Current	Ex	Non-User	
0.1842105	0.2368421	0.5789474	

ESSG Diagnosis - table

All

variable			
	Congenital	Degenerative	Failed-back
	5	74	16
	Idiopathic	Neuromuscular	Other: spondylolisthesis
	87	2	1
	Post-traumatic	Scheuermann	Syndromic
	9	1	3

Iliac

variable			
	Congenital	Degenerative	Failed-back
	3	63	11
	Idiopathic	Neuromuscular	Other: spondylolisthesis

	40	2	1
Post-traumatic		Scheuermann	Syndromic
	4	1	1

L5

variable

Congenital	Degenerative	Failed-back	Idiopathic	Post-traumatic
2	9	4	17	1
Syndromic				
1				

L4

variable

Degenerative	Failed-back	Idiopathic	Post-traumatic	Syndromic
2	1	30	4	1

ESSG Diagnosis - proportion

All

variable

Congenital	Degenerative	Failed-back
0.025252525	0.373737374	0.080808081
Idiopathic	Neuromuscular	Other: spondylolisthesis
0.439393939	0.010101010	0.005050505
Post-traumatic	Scheuermann	Syndromic
0.045454545	0.005050505	0.015151515

Iliac

variable

Congenital	Degenerative	Failed-back
0.023809524	0.500000000	0.087301587
Idiopathic	Neuromuscular	Other: spondylolisthesis
0.317460317	0.015873016	0.007936508
Post-traumatic	Scheuermann	Syndromic
0.031746032	0.007936508	0.007936508

L5

variable

Congenital	Degenerative	Failed-back	Idiopathic	Post-traumatic
0.05882353	0.26470588	0.11764706	0.50000000	0.02941176
Syndromic				
0.02941176				

L4

variable

Degenerative	Failed-back	Idiopathic	Post-traumatic	Syndromic
0.05263158	0.02631579	0.78947368	0.10526316	0.02631579

Surgical Approach - table

All

variable

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
3	184	10	1

Iliac

variable			
Anterior-Posterior	Posterior	Posterior-Anterior	
2	114	10	

L5			
variable			
Anterior-Posterior	Posterior	Posterior-Posterior	
1	32	1	

L4	
variable	
Posterior	
38	

Surgical Approach - proportion

All			
variable			
Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
0.015151515	0.929292929	0.050505051	0.005050505

Iliac		
variable		
Anterior-Posterior	Posterior	Posterior-Anterior
0.01587302	0.90476190	0.07936508

L5		
variable		
Anterior-Posterior	Posterior	Posterior-Posterior
0.02941176	0.94117647	0.02941176

L4	
variable	
Posterior	
1	

Radiology

Static Major curve Cobb angle - mean

All	
[1]	42.45
Iliac	
[1]	38.58

L5	
[1]	47.5

L4	
[1]	50.86

Iliac vs L5 p-value:[1] 0.06704993

Iliac vs L4 p-value:[1] 0.004530728

L5 vs L4 p-value:[1] 0.5568307

Static Major curve Cobb angle - sd

All

[1] 22.39

Iliac

[1] 21.02

L5

[1] 24.96

L4

[1] 21.71

6W. Static Major curve Cobb angle - mean

All

[1] 22.62

Iliac

[1] 21.29

L5

[1] 25.39

L4

[1] 24.45

Iliac vs L5 p-value:[1] 0.2533919

Iliac vs L4 p-value:[1] 0.283731

L5 vs L4 p-value:[1] 0.8203344

6W. Static Major curve Cobb angle - sd

All

[1] 15.78

Iliac

[1] 15.34

L5

[1] 18.28

L4

[1] 14.56

6M. Static Major curve Cobb angle - mean

All

[1] 21.93

Iliac

[1] 19.77

L5

[1] 27.07

L4

[1] 24.42

Iliac vs L5 p-value:[1] 0.05985857

Iliac vs L4 p-value:[1] 0.1235192

L5 vs L4 p-value:[1] 0.5417833

6M. Static Major curve Cobb angle - sd

All

[1] 16.14

Iliac

[1] 15.48

L5

[1] 18.64

L4

[1] 15.02

1Y. Static Major curve Cobb angle - mean

All

[1] 19.98

Iliac

[1] 18.23

L5

[1] 24.17

L4

[1] 21.74

Iliac vs L5 p-value:[1] 0.09834416

Iliac vs L4 p-value:[1] 0.2294991

L5 vs L4 p-value:[1] 0.5552403

1Y. Static Major curve Cobb angle - sd

All

[1] 15.61

Iliac

[1] 14.77

L5

[1] 18.27

L4

[1] 15.18

2Y. Static Major curve Cobb angle - mean

All

[1] 20.37

Iliac

[1] 17.72

L5

[1] 26.65

L4

[1] 24

Iliac vs L5 p-value:[1] 0.03652715

Iliac vs L4 p-value:[1] 0.02690055

L5 vs L4 p-value:[1] 0.5668644

2Y. Static Major curve Cobb angle - sd

All

[1] 15.05

Iliac

[1] 13.1

L5

[1] 20.62

L4

[1] 13.6

5Y. Static Major curve Cobb angle - mean

All

[1] 24.94

Iliac

```

[1] 21.16

L5
[1] 31.54

L4
[1] 30.16

Iliac vs L5 p-value:[1] 0.04869079

Iliac vs L4 p-value:[1] 0.03400726

L5 vs L4 p-value:[1] 0.8143882

5Y. Static Major curve Cobb angle - sd
All
[1] 17.09
Iliac
[1] 15.03

L5
[1] 21.34

L4
[1] 15.56

Static Major curve Cobb angle tests all
Preop vs 6w p-value
3.888788e-20

Preop vs 2y p-value
3.554559e-24

Preop vs 5y p-value
1.322449e-12

6w vs 2y p-value
0.1755233

2y vs 5y p-value
0.02669129

6w vs 5y p-value
0.2624954

Static Major curve Cobb angle tests Iliac
Preop vs 6w p-value
1.177913e-11

```

Preop vs 2y p-value
1.128848e-16

Preop vs 5y p-value
1.206883e-09

6w vs 2y p-value
0.06411268

2y vs 5y p-value
0.1328609

6w vs 5y p-value
0.9565327

Static Major curve Cobb angle tests L5
Preop vs 6w p-value
0.0001362708

Preop vs 2y p-value
0.0007119751

Preop vs 5y p-value
0.01570896

6w vs 2y p-value
0.8045245

2y vs 5y p-value
0.4249248

6w vs 5y p-value
0.2846254

Static Major curve Cobb angle tests L4
Preop vs 6w p-value
1.688748e-07

Preop vs 2y p-value
9.57211e-08

Preop vs 5y p-value
0.0001899849

6w vs 2y p-value
0.8971691

2y vs 5y p-value
0.1635667

6w vs 5y p-value
0.2012395

Coronal Balance (C7PL to CSVL) - mean

All

[1] 25.78

Iliac

[1] 28.98

L5

[1] 19.68

L4

[1] 19.73

Iliac vs L5 p-value:[1] 0.009666012

Iliac vs L4 p-value:[1] 0.00189817

L5 vs L4 p-value:[1] 0.9893358

Coronal Balance (C7PL to CSVL) - sd

All

[1] 21.53

Iliac

[1] 24.36

L5

[1] 14.64

L4

[1] 11.51

6W. Coronal Balance (C7PL to CSVL) - mean

All

[1] 22.03

Iliac

[1] 21.56

L5

[1] 22.52

L4

[1] 23.2

Iliac vs L5 p-value:[1] 0.7923195

Iliac vs L4 p-value:[1] 0.5912124

L5 vs L4 p-value:[1] 0.8748632

6W. Coronal Balance (C7PL to CSVL) - sd

All

[1] 15.9

Iliac

[1] 15.4

L5

[1] 18.35

L4

[1] 15.65

6M. Coronal Balance (C7PL to CSVL) - mean

All

[1] 21.11

Iliac

[1] 23

L5

[1] 21.25

L4

[1] 14.62

Iliac vs L5 p-value:[1] 0.6444913

Iliac vs L4 p-value:[1] 0.0006872409

L5 vs L4 p-value:[1] 0.08939041

6M. Coronal Balance (C7PL to CSVL) - sd

All

[1] 16.26

Iliac

[1] 17.05

L5

[1] 17.62

L4

[1] 9.79

1Y. Coronal Balance (C7PL to CSVL) - mean

All

[1] 19.61

Iliac

[1] 21.45

L5

[1] 20.26

L4

[1] 13.13

Iliac vs L5 p-value:[1] 0.7028053

Iliac vs L4 p-value:[1] 0.000240435

L5 vs L4 p-value:[1] 0.02619742

1Y. Coronal Balance (C7PL to CSVL) - sd

All

[1] 14.86

Iliac

[1] 16.16

L5

[1] 13.41

L4

[1] 8.78

2Y. Coronal Balance (C7PL to CSVL) - mean

All

[1] 19.84

Iliac

[1] 21.82

L5

[1] 17.36

L4

[1] 15.01

Iliac vs L5 p-value:[1] 0.1815875

Iliac vs L4 p-value:[1] 0.009738125

L5 vs L4 p-value:[1] 0.492785

2Y. Coronal Balance (C7PL to CSVL) - sd

All

[1] 16.35
Iliac
[1] 17.89

L5
[1] 13.73

L4
[1] 10.86

5Y. Coronal Balance (C7PL to CSVL) - mean
All
[1] 22.65
Iliac
[1] 26.45

L5
[1] 16.3

L4
[1] 15.85

Iliac vs L5 p-value:[1] 0.006584562

Iliac vs L4 p-value:[1] 0.002824118

L5 vs L4 p-value:[1] 0.8971995

5Y. Coronal Balance (C7PL to CSVL) - sd
All
[1] 18
Iliac
[1] 20.35

L5
[1] 11.1

L4
[1] 9.61

Coronal Balance (C7PL to CSVL) tests all
Preop vs 6w p-value
0.0580094

Preop vs 2y p-value
0.003566944

Preop vs 5y p-value
0.1910804

6w vs 2y p-value
0.2094553

2y vs 5y p-value
0.2020263

6w vs 5y p-value
0.7724504

Coronal Balance (C7PL to CSVL) tests Iliac
Preop vs 6w p-value
0.005117672

Preop vs 2y p-value
0.01094646

Preop vs 5y p-value
0.4528774

6w vs 2y p-value
0.9057901

2y vs 5y p-value
0.1341839

6w vs 5y p-value
0.09665001

Coronal Balance (C7PL to CSVL) tests L5
Preop vs 6w p-value
0.5132223

Preop vs 2y p-value
0.5535141

Preop vs 5y p-value
0.367828

6w vs 2y p-value
0.2421187

2y vs 5y p-value
0.7811212

6w vs 5y p-value
0.1455544

Coronal Balance (C7PL to CSVL) tests L4
Preop vs 6w p-value
0.2967018

Preop vs 2y p-value
0.08641004

Preop vs 5y p-value
0.1990719

6w vs 2y p-value
0.01584488

2y vs 5y p-value
0.7768018

6w vs 5y p-value
0.04162302

Sagittal Balance - mean
All
[1] 58.7
Iliac
[1] 81.37

L5
[1] 25.54

L4
[1] 11.57

Iliac vs L5 p-value:[1] 4.743878e-08

Iliac vs L4 p-value:[1] 5.235839e-10

L5 vs L4 p-value:[1] 0.1971963

Sagittal Balance - sd
All
[1] 64.13
Iliac
[1] 62.39

L5
[1] 41.6

L4
[1] 46.82

6W. Sagittal Balance - mean
All
[1] 23.92
Iliac

[1] 25.95

L5

[1] 32.42

L4

[1] 8.55

Iliac vs L5 p-value:[1] 0.4142346

Iliac vs L4 p-value:[1] 0.00608557

L5 vs L4 p-value:[1] 0.009232721

6W. Sagittal Balance - sd

All

[1] 35.53

Iliac

[1] 34.53

L5

[1] 40.54

L4

[1] 29.89

6M. Sagittal Balance - mean

All

[1] 18.48

Iliac

[1] 22.97

L5

[1] 22.95

L4

[1] 2.13

Iliac vs L5 p-value:[1] 0.9980297

Iliac vs L4 p-value:[1] 0.001852705

L5 vs L4 p-value:[1] 0.02935491

6M. Sagittal Balance - sd

All

```
[1] 40.17
Iliac
[1] 41.95
```

```
L5
[1] 39.41
```

```
L4
[1] 30.94
```

```
1Y. Sagittal Balance - mean
All
[1] 23.23
Iliac
[1] 32.12
```

```
L5
[1] 19.22
```

```
L4
[1] -4.46
```

```
Iliac vs L5 p-value:[1] 0.1518474
```

```
Iliac vs L4 p-value:[1] 5.769723e-06
```

```
L5 vs L4 p-value:[1] 0.01694479
```

```
1Y. Sagittal Balance - sd
All
[1] 46.5
Iliac
[1] 48.5
```

```
L5
[1] 37.75
```

```
L4
[1] 33.32
```

```
2Y. Sagittal Balance - mean
All
[1] 31
Iliac
[1] 41.24
```

```
L5
```

```

[1] 26.71

L4
[1] -2.08

Iliac vs L5 p-value:[1] 0.1036966

Iliac vs L4 p-value:[1] 3.301768e-07

L5 vs L4 p-value:[1] 0.004620203


2Y. Sagittal Balance - sd
All
[1] 45.83
Iliac
[1] 46.37

L5
[1] 36.72

L4
[1] 33.58


5Y. Sagittal Balance - mean
All
[1] 38.79
Iliac
[1] 49.41

L5
[1] 39.27

L4
[1] -0.12

Iliac vs L5 p-value:[1] 0.3797154

Iliac vs L4 p-value:[1] 2.639737e-05

L5 vs L4 p-value:[1] 0.003030324


5Y. Sagittal Balance - sd
All
[1] 51.33
Iliac
[1] 53.15

```


L5
[1] 41.67

L4
[1] 34.61

Sagittal Balance tests all
Preop vs 6w p-value
3.666653e-10

Preop vs 2y p-value
3.894469e-06

Preop vs 5y p-value
0.004141373

6w vs 2y p-value
0.1146408

2y vs 5y p-value
0.2117564

6w vs 5y p-value
0.01004605

Sagittal Balance tests Iliac
Preop vs 6w p-value
5.444088e-15

Preop vs 2y p-value
8.154048e-08

Preop vs 5y p-value
0.0003305466

6w vs 2y p-value
0.006063488

2y vs 5y p-value
0.30736

6w vs 5y p-value
0.001864215

Sagittal Balance tests L5
Preop vs 6w p-value
0.5023342

Preop vs 2y p-value
0.9115651

Preop vs 5y p-value
0.2516142

6w vs 2y p-value
0.5841649

2y vs 5y p-value
0.2999919

6w vs 5y p-value
0.563184

Sagittal Balance tests L4
Preop vs 6w p-value
0.7511953

Preop vs 2y p-value
0.17759

Preop vs 5y p-value
0.3092885

6w vs 2y p-value
0.1910473

2y vs 5y p-value
0.8485261

6w vs 5y p-value
0.3770144

Sagittal T2-T5 - mean
All
[1] 9.6
Iliac
[1] 9.93

L5
[1] 9.4

L4
[1] 8.67

Iliac vs L5 p-value:[1] 0.7144042

Iliac vs L4 p-value:[1] 0.4619485

L5 vs L4 p-value:[1] 0.7124926

Sagittal T2-T5 - sd
All

[1] 8.33
Iliac
[1] 8.42

L5
[1] 7.15

L4
[1] 9.15

6W. Sagittal T2-T5 - mean
All
[1] 12.92
Iliac
[1] 13.54

L5
[1] 12.11

L4
[1] 11.61

Iliac vs L5 p-value:[1] 0.2614102

Iliac vs L4 p-value:[1] 0.2120345

L5 vs L4 p-value:[1] 0.7595787

6W. Sagittal T2-T5 - sd
All
[1] 8.03
Iliac
[1] 8.71

L5
[1] 5.38

L4
[1] 7.65

6M. Sagittal T2-T5 - mean
All
[1] 13.13
Iliac
[1] 12.83

L5

```

[1] 13.74

L4
[1] 13.62

Iliac vs L5 p-value:[1] 0.7297938

Iliac vs L4 p-value:[1] 0.6524872

L5 vs L4 p-value:[1] 0.9677024


6M. Sagittal T2-T5 - sd
All
[1] 9.81
Iliac
[1] 9.35

L5
[1] 12.72

L4
[1] 8.9


1Y. Sagittal T2-T5 - mean
All
[1] 12.79
Iliac
[1] 13.11

L5
[1] 11.7

L4
[1] 12.57

Iliac vs L5 p-value:[1] 0.3951879

Iliac vs L4 p-value:[1] 0.8245334

L5 vs L4 p-value:[1] 0.7372767


1Y. Sagittal T2-T5 - sd
All
[1] 10.16
Iliac
[1] 10.22

```

L5

[1] 6.94

L4

[1] 12.34

2Y. Sagittal T2-T5 - mean

All

[1] 13.47

Iliac

[1] 13.55

L5

[1] 12.02

L4

[1] 14.35

Iliac vs L5 p-value:[1] 0.4392896

Iliac vs L4 p-value:[1] 0.7016304

L5 vs L4 p-value:[1] 0.3542676

2Y. Sagittal T2-T5 - sd

All

[1] 9.98

Iliac

[1] 10.17

L5

[1] 8.59

L4

[1] 10.51

5Y. Sagittal T2-T5 - mean

All

[1] 14.79

Iliac

[1] 16.46

L5

[1] 8.24

L4

[1] 16

Iliac vs L5 p-value:[1] 0.0001424304

Iliac vs L4 p-value:[1] 0.8837385

L5 vs L4 p-value:[1] 0.0142744

5Y. Sagittal T2-T5 - sd

All

[1] 12

Iliac

[1] 12.95

L5

[1] 5.68

L4

[1] 11.63

Sagittal T2-T5 tests all

Preop vs 6w p-value

0.0001179755

Preop vs 2y p-value

0.0001043472

Preop vs 5y p-value

0.0001308632

6w vs 2y p-value

0.5773098

2y vs 5y p-value

0.3480661

6w vs 5y p-value

0.158436

Sagittal T2-T5 tests Iliac

Preop vs 6w p-value

0.001541846

Preop vs 2y p-value

0.004339345

Preop vs 5y p-value

0.0004189325

6w vs 2y p-value
0.9972502

2y vs 5y p-value
0.1249882

6w vs 5y p-value
0.1087937

Sagittal T2-T5 tests L5
Preop vs 6w p-value
0.09006447

Preop vs 2y p-value
0.2154923

Preop vs 5y p-value
0.5175328

6w vs 2y p-value
0.9644352

2y vs 5y p-value
0.0795419

6w vs 5y p-value
0.01987491

Sagittal T2-T5 tests L4
Preop vs 6w p-value
0.1450333

Preop vs 2y p-value
0.02009057

Preop vs 5y p-value
0.02353564

6w vs 2y p-value
0.2275702

2y vs 5y p-value
0.6127526

6w vs 5y p-value
0.1508886

Sagittal T5-T12 - mean
All
[1] 30.79
Iliac
[1] 28.82

L5

```

[1] 31.58

L4
[1] 36.63

Iliac vs L5 p-value:[1] 0.4545192

Iliac vs L4 p-value:[1] 0.05454893

L5 vs L4 p-value:[1] 0.3057825


Sagittal T5-T12 - sd
All
[1] 18.91
Iliac
[1] 17.63

L5
[1] 18.87

L4
[1] 22.11


6W. Sagittal T5-T12 - mean
All
[1] 34.15
Iliac
[1] 34.77

L5
[1] 32.67

L4
[1] 33.34

Iliac vs L5 p-value:[1] 0.4362153

Iliac vs L4 p-value:[1] 0.5921862

L5 vs L4 p-value:[1] 0.8405594


6W. Sagittal T5-T12 - sd
All
[1] 13.49
Iliac
[1] 13.63

```


L5
[1] 13.34

L4
[1] 13.38

6M. Sagittal T5-T12 - mean

All
[1] 35.75

Iliac
[1] 37.97

L5
[1] 30.72

L4
[1] 32.85

Iliac vs L5 p-value:[1] 0.02824871

Iliac vs L4 p-value:[1] 0.03507701

L5 vs L4 p-value:[1] 0.5513427

6M. Sagittal T5-T12 - sd

All
[1] 13.87

Iliac
[1] 13.51

L5
[1] 15.7

L4
[1] 12.06

1Y. Sagittal T5-T12 - mean

All
[1] 36.89

Iliac
[1] 38.14

L5
[1] 33.96

L4

```
[1] 34.96

Iliac vs L5 p-value:[1] 0.1906385

Iliac vs L4 p-value:[1] 0.2104632

L5 vs L4 p-value:[1] 0.7814574
```

```
1Y. Sagittal T5-T12 - sd
All
[1] 13.52
Iliac
[1] 13.45
```

```
L5
[1] 14.92
```

```
L4
[1] 12.26
```

```
2Y. Sagittal T5-T12 - mean
All
[1] 37.45
Iliac
[1] 39.27
```

```
L5
[1] 33.99
```

```
L4
[1] 34.19
```

```
Iliac vs L5 p-value:[1] 0.1607556
```

```
Iliac vs L4 p-value:[1] 0.08114401
```

```
L5 vs L4 p-value:[1] 0.9643944
```

```
2Y. Sagittal T5-T12 - sd
All
[1] 14.66
Iliac
[1] 13.73
```

```
L5
[1] 17.51
```

L4
[1] 14.57

5Y. Sagittal T5-T12 - mean
All
[1] 40.74
Iliac
[1] 43.28

L5
[1] 39.4

L4
[1] 33.52

Iliac vs L5 p-value:[1] 0.3762851

Iliac vs L4 p-value:[1] 0.02101438

L5 vs L4 p-value:[1] 0.2632879

5Y. Sagittal T5-T12 - sd
All
[1] 16.54
Iliac
[1] 16.14

L5
[1] 17.57

L4
[1] 15.17

Sagittal T5-T12 tests all
Preop vs 6w p-value
0.0469721

Preop vs 2y p-value
0.0002019499

Preop vs 5y p-value
4.165063e-06

6w vs 2y p-value
0.02936301

2y vs 5y p-value
0.09654285

6w vs 5y p-value
0.0006295028

Sagittal T5-T12 tests Iliac
Preop vs 6w p-value
0.003583164

Preop vs 2y p-value
8.887751e-07

Preop vs 5y p-value
8.311907e-08

6w vs 2y p-value
0.0137492

2y vs 5y p-value
0.09730154

6w vs 5y p-value
0.0004511153

Sagittal T5-T12 tests L5
Preop vs 6w p-value
0.7872799

Preop vs 2y p-value
0.6129376

Preop vs 5y p-value
0.1283155

6w vs 2y p-value
0.7525136

2y vs 5y p-value
0.2994939

6w vs 5y p-value
0.1441143

Sagittal T5-T12 tests L4
Preop vs 6w p-value
0.4489911

Preop vs 2y p-value
0.5828591

Preop vs 5y p-value
0.5390937

6w vs 2y p-value
0.8072903

2y vs 5y p-value
0.8779753

6w vs 5y p-value
0.9664252

Sagittal T2-T12 - mean

All

[1] 36.45

Iliac

[1] 34.99

L5

[1] 37.55

L4

[1] 40.28

Iliac vs L5 p-value:[1] 0.480225

Iliac vs L4 p-value:[1] 0.2040348

L5 vs L4 p-value:[1] 0.583603

Sagittal T2-T12 - sd

All

[1] 19.26

Iliac

[1] 18.04

L5

[1] 18.48

L4

[1] 23.34

6W. Sagittal T2-T12 - mean

All

[1] 43.21

Iliac

[1] 44.51

L5

[1] 41.52

L4

```

[1] 40.42

Iliac vs L5 p-value:[1] 0.3051821

Iliac vs L4 p-value:[1] 0.1260927

L5 vs L4 p-value:[1] 0.7526302


6W. Sagittal T2-T12 - sd
All
[1] 14.02
Iliac
[1] 13.91

L5
[1] 14.43

L4
[1] 13.85


6M. Sagittal T2-T12 - mean
All
[1] 45.22
Iliac
[1] 48.41

L5
[1] 38.14

L4
[1] 41.25

Iliac vs L5 p-value:[1] 0.001190368

Iliac vs L4 p-value:[1] 0.01243967

L5 vs L4 p-value:[1] 0.3854794


6M. Sagittal T2-T12 - sd
All
[1] 15.18
Iliac
[1] 14.73

L5
[1] 14.12

```

L4
[1] 14.85

1Y. Sagittal T2-T12 - mean
All
[1] 45.41
Iliac
[1] 47.98

L5
[1] 40.34

L4
[1] 41.2

Iliac vs L5 p-value:[1] 0.02144285

Iliac vs L4 p-value:[1] 0.03744298

L5 vs L4 p-value:[1] 0.8329593

1Y. Sagittal T2-T12 - sd
All
[1] 15.56
Iliac
[1] 14.87

L5
[1] 15.17

L4
[1] 16.58

2Y. Sagittal T2-T12 - mean
All
[1] 45.86
Iliac
[1] 47.89

L5
[1] 40.99

L4
[1] 43.24

Iliac vs L5 p-value:[1] 0.02975135

Iliac vs L4 p-value:[1] 0.1829083

L5 vs L4 p-value:[1] 0.5858931

2Y. Sagittal T2-T12 - sd

All

[1] 15.95

Iliac

[1] 15.45

L5

[1] 13.96

L4

[1] 18.09

5Y. Sagittal T2-T12 - mean

All

[1] 49.51

Iliac

[1] 53.51

L5

[1] 42.09

L4

[1] 43.65

Iliac vs L5 p-value:[1] 0.01001969

Iliac vs L4 p-value:[1] 0.03119671

L5 vs L4 p-value:[1] 0.7689431

5Y. Sagittal T2-T12 - sd

All

[1] 17.31

Iliac

[1] 16.81

L5

[1] 16.19

L4

[1] 16.69

Sagittal T2-T12 tests all
Preop vs 6w p-value
0.0001030872

Preop vs 2y p-value
5.332183e-07

Preop vs 5y p-value
8.84943e-09

6w vs 2y p-value
0.0984951

2y vs 5y p-value
0.08274212

6w vs 5y p-value
0.001786414

Sagittal T2-T12 tests Iliac
Preop vs 6w p-value
6.545551e-06

Preop vs 2y p-value
1.429544e-08

Preop vs 5y p-value
9.227116e-11

6w vs 2y p-value
0.08607885

2y vs 5y p-value
0.02964376

6w vs 5y p-value
0.0003616172

Sagittal T2-T12 tests L5
Preop vs 6w p-value
0.3405285

Preop vs 2y p-value
0.4141073

Preop vs 5y p-value
0.3537722

6w vs 2y p-value
0.8894136

2y vs 5y p-value
0.8100149

6w vs 5y p-value
0.8987984

Sagittal T2-T12 tests L4
Preop vs 6w p-value
0.9759774

Preop vs 2y p-value
0.5474371

Preop vs 5y p-value
0.5352977

6w vs 2y p-value
0.4677919

2y vs 5y p-value
0.9352241

6w vs 5y p-value
0.4756378

Lordosis (top of L1-S1) - mean
All
[1] -37.22
Iliac
[1] -32.45

L5
[1] -41.92

L4
[1] -48.68

Iliac vs L5 p-value:[1] 0.007729982

Iliac vs L4 p-value:[1] 1.845307e-05

L5 vs L4 p-value:[1] 0.12294

Lordosis (top of L1-S1) - sd
All
[1] 19.01
Iliac
[1] 17.61

L5
[1] 17.67

L4

[1] 19.09

6W. Lordosis (top of L1-S1) - mean

All

[1] -51.16

Iliac

[1] -52.99

L5

[1] -45.47

L4

[1] -50.27

Iliac vs L5 p-value:[1] 0.00282278

Iliac vs L4 p-value:[1] 0.3130069

L5 vs L4 p-value:[1] 0.1287003

6W. Lordosis (top of L1-S1) - sd

All

[1] 13.77

Iliac

[1] 13.82

L5

[1] 11.81

L4

[1] 14.11

6M. Lordosis (top of L1-S1) - mean

All

[1] -50.84

Iliac

[1] -52.06

L5

[1] -45.87

L4

[1] -51.29

Iliac vs L5 p-value:[1] 0.01756719

Iliac vs L4 p-value:[1] 0.7519833

L5 vs L4 p-value:[1] 0.08118862

6M. Lordosis (top of L1-S1) - sd

All

[1] 12.81

Iliac

[1] 12.66

L5

[1] 12.35

L4

[1] 13

1Y. Lordosis (top of L1-S1) - mean

All

[1] -50.14

Iliac

[1] -50.37

L5

[1] -48.24

L4

[1] -51.18

Iliac vs L5 p-value:[1] 0.397781

Iliac vs L4 p-value:[1] 0.7561876

L5 vs L4 p-value:[1] 0.3558782

1Y. Lordosis (top of L1-S1) - sd

All

[1] 12.9

Iliac

[1] 12.97

L5

[1] 12.33

L4

[1] 13.39

2Y. Lordosis (top of L1-S1) - mean

All

[1] -50.17

Iliac

[1] -50.09

L5

[1] -47.88

L4

[1] -52.37

Iliac vs L5 p-value:[1] 0.4122243

Iliac vs L4 p-value:[1] 0.450884

L5 vs L4 p-value:[1] 0.215944

2Y. Lordosis (top of L1-S1) - sd

All

[1] 13.73

Iliac

[1] 13.33

L5

[1] 12.64

L4

[1] 15.83

5Y. Lordosis (top of L1-S1) - mean

All

[1] -49.29

Iliac

[1] -50.99

L5

[1] -45.81

L4

[1] -47.29

Iliac vs L5 p-value:[1] 0.1642067

Iliac vs L4 p-value:[1] 0.3690118

L5 vs L4 p-value:[1] 0.7641856

5Y. Lordosis (top of L1-S1) - sd

All

[1] 14.2

Iliac

[1] 13.34

L5

[1] 14.85

L4

[1] 16.09

Lordosis (top of L1-S1) tests all

Preop vs 6w p-value

2.583546e-15

Preop vs 2y p-value

3.206846e-13

Preop vs 5y p-value

1.815298e-09

6w vs 2y p-value

0.4937027

2y vs 5y p-value

0.6133494

6w vs 5y p-value

0.275596

Lordosis (top of L1-S1) tests Iliac

Preop vs 6w p-value

2.293461e-20

Preop vs 2y p-value

6.177171e-16

Preop vs 5y p-value

1.111359e-13

6w vs 2y p-value

0.1068884

2y vs 5y p-value

0.6651204

6w vs 5y p-value
0.3396588

Lordosis (top of L1-S1) tests L5
Preop vs 6w p-value
0.3363784

Preop vs 2y p-value
0.1252121

Preop vs 5y p-value
0.3845384

6w vs 2y p-value
0.4426641

2y vs 5y p-value
0.6080935

6w vs 5y p-value
0.9291622

Lordosis (top of L1-S1) tests L4
Preop vs 6w p-value
0.6839665

Preop vs 2y p-value
0.3739449

Preop vs 5y p-value
0.7748126

6w vs 2y p-value
0.5615542

2y vs 5y p-value
0.2754748

6w vs 5y p-value
0.5011871

Pelvic Incidence - mean
All
[1] 54.86
Iliac
[1] 57.48

L5
[1] 52.47

L4
[1] 48.39

Iliac vs L5 p-value:[1] 0.03935014

Iliac vs L4 p-value:[1] 8.801275e-05

L5 vs L4 p-value:[1] 0.1466306

Pelvic Incidence - sd

All

[1] 12.95

Iliac

[1] 12.88

L5

[1] 12.09

L4

[1] 11.4

6W. Pelvic Incidence - mean

All

[1] 54.96

Iliac

[1] 57.62

L5

[1] 52.62

L4

[1] 48.32

Iliac vs L5 p-value:[1] 0.04323887

Iliac vs L4 p-value:[1] 0.0001635306

L5 vs L4 p-value:[1] 0.1449958

6W. Pelvic Incidence - sd

All

[1] 12.89

Iliac

[1] 12.57

L5

[1] 12.18

L4

[1] 12.03

6M. Pelvic Incidence - mean

All

[1] 54.58

Iliac

[1] 57.69

L5

[1] 51.53

L4

[1] 47.72

Iliac vs L5 p-value:[1] 0.01378594

Iliac vs L4 p-value:[1] 3.703462e-05

L5 vs L4 p-value:[1] 0.1836631

6M. Pelvic Incidence - sd

All

[1] 12.98

Iliac

[1] 12.74

L5

[1] 11.47

L4

[1] 11.81

1Y. Pelvic Incidence - mean

All

[1] 54.39

Iliac

[1] 57.16

L5

[1] 52.72

L4

[1] 47.08

Iliac vs L5 p-value:[1] 0.0618861

Iliac vs L4 p-value:[1] 1.288565e-05

L5 vs L4 p-value:[1] 0.03879011

1Y. Pelvic Incidence - sd

All

[1] 12.57

Iliac

[1] 12.58

L5

[1] 11.3

L4

[1] 10.52

2Y. Pelvic Incidence - mean

All

[1] 54.56

Iliac

[1] 57.12

L5

[1] 53.37

L4

[1] 46.98

Iliac vs L5 p-value:[1] 0.1212458

Iliac vs L4 p-value:[1] 0.000138044

L5 vs L4 p-value:[1] 0.03576933

2Y. Pelvic Incidence - sd

All

[1] 12.88

Iliac

[1] 12.62

L5

[1] 11.05

L4

[1] 12.4

5Y. Pelvic Incidence - mean

All

[1] 54.87

Iliac

[1] 57.57

L5

[1] 54.51

L4

[1] 46.03

Iliac vs L5 p-value:[1] 0.3239153

Iliac vs L4 p-value:[1] 0.0009330006

L5 vs L4 p-value:[1] 0.03148711

5Y. Pelvic Incidence - sd

All

[1] 12.97

Iliac

[1] 12.55

L5

[1] 12.05

L4

[1] 11.93

Pelvic Incidence tests all

Preop vs 6w p-value

0.9416039

Preop vs 2y p-value

0.8204924

Preop vs 5y p-value

0.9965073

6w vs 2y p-value

0.7672733

2y vs 5y p-value

0.8454661

6w vs 5y p-value

0.9547023

Pelvic Incidence tests Iliac
Preop vs 6w p-value
0.9321493

Preop vs 2y p-value
0.8291157

Preop vs 5y p-value
0.9633914

6w vs 2y p-value
0.7647134

2y vs 5y p-value
0.8198349

6w vs 5y p-value
0.9795084

Pelvic Incidence tests L5
Preop vs 6w p-value
0.9608386

Preop vs 2y p-value
0.758456

Preop vs 5y p-value
0.545824

6w vs 2y p-value
0.7989561

2y vs 5y p-value
0.7347283

6w vs 5y p-value
0.5781582

Pelvic Incidence tests L4
Preop vs 6w p-value
0.9770749

Preop vs 2y p-value
0.6197602

Preop vs 5y p-value
0.4794754

6w vs 2y p-value
0.6511106

2y vs 5y p-value
0.7879599

6w vs 5y p-value
0.5052706

Pelvic Tilt - mean

All

[1] 25.08

Iliac

[1] 28.52

L5

[1] 22.17

L4

[1] 16.38

Iliac vs L5 p-value:[1] 0.0004453217

Iliac vs L4 p-value:[1] 2.273649e-11

L5 vs L4 p-value:[1] 0.004387954

Pelvic Tilt - sd

All

[1] 10.09

Iliac

[1] 9.21

L5

[1] 8.66

L4

[1] 7.93

6W. Pelvic Tilt - mean

All

[1] 19.33

Iliac

[1] 20.4

L5

[1] 21.23

L4

[1] 14.05

Iliac vs L5 p-value:[1] 0.6369812

Iliac vs L4 p-value:[1] 0.0002464336

L5 vs L4 p-value:[1] 0.0009366392

6W. Pelvic Tilt - sd

All

[1] 9.29

Iliac

[1] 9.19

L5

[1] 8.77

L4

[1] 8.39

6M. Pelvic Tilt - mean

All

[1] 21.02

Iliac

[1] 23.38

L5

[1] 21.47

L4

[1] 13.66

Iliac vs L5 p-value:[1] 0.2298895

Iliac vs L4 p-value:[1] 4.734764e-09

L5 vs L4 p-value:[1] 6.52503e-05

6M. Pelvic Tilt - sd

All

[1] 8.96

Iliac

[1] 8.49

L5

[1] 7.43

L4

[1] 7.52

1Y. Pelvic Tilt - mean

All

[1] 21.64

Iliac

[1] 23.89

L5

[1] 21.35

L4

[1] 14.69

Iliac vs L5 p-value:[1] 0.1211518

Iliac vs L4 p-value:[1] 4.659552e-07

L5 vs L4 p-value:[1] 0.001135504

1Y. Pelvic Tilt - sd

All

[1] 9.34

Iliac

[1] 9.05

L5

[1] 7.77

L4

[1] 8.24

2Y. Pelvic Tilt - mean

All

[1] 21.42

Iliac

[1] 23.63

L5

[1] 21.99

L4

[1] 13.55

Iliac vs L5 p-value:[1] 0.3119891

Iliac vs L4 p-value:[1] 1.443513e-08

L5 vs L4 p-value:[1] 4.721634e-05

2Y. Pelvic Tilt - sd

All

[1] 8.72

Iliac

[1] 8.01

L5

[1] 7.56

L4

[1] 7.55

5Y. Pelvic Tilt - mean

All

[1] 23.12

Iliac

[1] 24.82

L5

[1] 24.62

L4

[1] 15.62

Iliac vs L5 p-value:[1] 0.9156539

Iliac vs L4 p-value:[1] 0.0005821995

L5 vs L4 p-value:[1] 0.001780939

5Y. Pelvic Tilt - sd

All

[1] 9.17

Iliac

[1] 8.69

L5

[1] 7.37

L4

[1] 9.22

Pelvic Tilt tests all

Preop vs 6w p-value

1.226517e-08

Preop vs 2y p-value
0.0002118774

Preop vs 5y p-value
0.08802005

6w vs 2y p-value
0.02841197

2y vs 5y p-value
0.1293967

6w vs 5y p-value
0.0008809429

Pelvic Tilt tests Iliac
Preop vs 6w p-value
4.789859e-11

Preop vs 2y p-value
1.995126e-05

Preop vs 5y p-value
0.007262256

6w vs 2y p-value
0.004919196

2y vs 5y p-value
0.3674606

6w vs 5y p-value
0.001527566

Pelvic Tilt tests L5
Preop vs 6w p-value
0.6581709

Preop vs 2y p-value
0.9301988

Preop vs 5y p-value
0.2700189

6w vs 2y p-value
0.7128919

2y vs 5y p-value
0.2258246

6w vs 5y p-value
0.1329411

Pelvic Tilt tests L4
Preop vs 6w p-value
0.2242802

Preop vs 2y p-value
0.1277034

Preop vs 5y p-value
0.7601822

6w vs 2y p-value
0.7926739

2y vs 5y p-value
0.4113035

6w vs 5y p-value
0.540756

Sacral Slope - mean
All
[1] 29.88
Iliac
[1] 28.94

L5
[1] 31.1

L4
[1] 31.88

Iliac vs L5 p-value:[1] 0.2847851

Iliac vs L4 p-value:[1] 0.1387339

L5 vs L4 p-value:[1] 0.7430472

Sacral Slope - sd
All
[1] 11.04
Iliac
[1] 11.52

L5
[1] 9.81

L4
[1] 10.29

6W. Sacral Slope - mean

All

[1] 35.62

Iliac

[1] 37.23

L5

[1] 31.36

L4

[1] 34.24

Iliac vs L5 p-value:[1] 0.002327849

Iliac vs L4 p-value:[1] 0.1314692

L5 vs L4 p-value:[1] 0.2171011

6W. Sacral Slope - sd

All

[1] 10.48

Iliac

[1] 10.64

L5

[1] 8.98

L4

[1] 10.17

6M. Sacral Slope - mean

All

[1] 33.48

Iliac

[1] 34.29

L5

[1] 29.9

L4

[1] 33.93

Iliac vs L5 p-value:[1] 0.0307182

Iliac vs L4 p-value:[1] 0.8356045

L5 vs L4 p-value:[1] 0.07628179

6M. Sacral Slope - sd

All

[1] 9.91

Iliac

[1] 10.25

L5

[1] 9.42

L4

[1] 8.79

1Y. Sacral Slope - mean

All

[1] 32.75

Iliac

[1] 33.23

L5

[1] 31.37

L4

[1] 32.45

Iliac vs L5 p-value:[1] 0.3059922

Iliac vs L4 p-value:[1] 0.6526298

L5 vs L4 p-value:[1] 0.6223047

1Y. Sacral Slope - sd

All

[1] 9.09

Iliac

[1] 9.25

L5

[1] 8.89

L4

[1] 8.87

2Y. Sacral Slope - mean

All

[1] 33.3

Iliac
[1] 33.77

L5
[1] 31.34

L4
[1] 33.43

Iliac vs L5 p-value:[1] 0.2072572

Iliac vs L4 p-value:[1] 0.8715557

L5 vs L4 p-value:[1] 0.4013983

2Y. Sacral Slope - sd

All
[1] 9.85
Iliac
[1] 9.89

L5
[1] 8.86

L4
[1] 10.57

5Y. Sacral Slope - mean

All
[1] 31.75
Iliac
[1] 32.75

L5
[1] 29.9

L4
[1] 30.42

Iliac vs L5 p-value:[1] 0.2404127

Iliac vs L4 p-value:[1] 0.4224789

L5 vs L4 p-value:[1] 0.8776445

5Y. Sacral Slope - sd

All
[1] 9.69
Iliac
[1] 9.19

L5
[1] 9.59

L4
[1] 11.42

Sacral Slope tests all
Preop vs 6w p-value
2.721192e-07

Preop vs 2y p-value
0.00178284

Preop vs 5y p-value
0.1284792

6w vs 2y p-value
0.03027641

2y vs 5y p-value
0.2018764

6w vs 5y p-value
0.001654822

Sacral Slope tests Iliac
Preop vs 6w p-value
1.681575e-08

Preop vs 2y p-value
0.0006386497

Preop vs 5y p-value
0.01439761

6w vs 2y p-value
0.01128376

2y vs 5y p-value
0.4898771

6w vs 5y p-value
0.003296767

Sacral Slope tests L5
Preop vs 6w p-value
0.9088881

Preop vs 2y p-value
0.9169275

Preop vs 5y p-value
0.6588064

6w vs 2y p-value
0.9938421

2y vs 5y p-value
0.589119

6w vs 5y p-value
0.577495

Sacral Slope tests L4
Preop vs 6w p-value
0.3259964

Preop vs 2y p-value
0.5352005

Preop vs 5y p-value
0.6398376

6w vs 2y p-value
0.7489243

2y vs 5y p-value
0.3525422

6w vs 5y p-value
0.229412

RLL - mean
All
[1] -25.8
Iliac
[1] -32.18

L5
[1] -19.62

L4
[1] -10.32

Iliac vs L5 p-value:[1] 0.0001303509

Iliac vs L4 p-value:[1] 8.427579e-10

L5 vs L4 p-value:[1] 0.01611489

```
RLL - sd
All
[1] 18.28
Iliac
[1] 16.08
```

```
L5
[1] 15.66
```

```
L4
[1] 16.29
```

```
6W. RLL - mean
All
[1] -11.91
Iliac
[1] -11.7
```

```
L5
[1] -16.16
```

```
L4
[1] -8.68
```

```
Iliac vs L5 p-value:[1] 0.05874037
```

```
Iliac vs L4 p-value:[1] 0.1474103
```

```
L5 vs L4 p-value:[1] 0.006612957
```

```
6W. RLL - sd
All
[1] 11.88
Iliac
[1] 12.11
```

```
L5
[1] 11.61
```

```
L4
[1] 10.4
```

```
6M. RLL - mean
All
[1] -11.91
```


Iliac
[1] -12.71

L5
[1] -14.72

L4
[1] -7.29

Iliac vs L5 p-value:[1] 0.3822119

Iliac vs L4 p-value:[1] 0.006027579

L5 vs L4 p-value:[1] 0.005800216

6M. RLL - sd
All
[1] 10.97
Iliac
[1] 10.9

L5
[1] 11.11

L4
[1] 9.95

1Y. RLL - mean
All
[1] -12.58
Iliac
[1] -14.07

L5
[1] -13.45

L4
[1] -6.87

Iliac vs L5 p-value:[1] 0.7899779

Iliac vs L4 p-value:[1] 0.002653167

L5 vs L4 p-value:[1] 0.02347505

1Y. RLL - sd

All
[1] 11.95
Iliac
[1] 11.77

L5
[1] 11.39

L4
[1] 11.66

2Y. RLL - mean

All
[1] -12.6
Iliac
[1] -14.24

L5
[1] -14.21

L4
[1] -5.69

Iliac vs L5 p-value:[1] 0.9902141

Iliac vs L4 p-value:[1] 0.0009404567

L5 vs L4 p-value:[1] 0.006852176

2Y. RLL - sd

All
[1] 12.14
Iliac
[1] 11.57

L5
[1] 11.51

L4
[1] 12.45

5Y. RLL - mean

All
[1] -13.73
Iliac
[1] -13.7

```

L5
[1] -16.99

L4
[1] -10.25

Iliac vs L5 p-value:[1] 0.3305156

Iliac vs L4 p-value:[1] 0.3343249

L5 vs L4 p-value:[1] 0.1309069


5Y. RLL - sd
All
[1] 12.66
Iliac
[1] 11.86

L5
[1] 13.66

L4
[1] 13.89


RLL tests all
Preop vs 6w p-value
3.965709e-17

Preop vs 2y p-value
3.137467e-15

Preop vs 5y p-value
1.001526e-10

6w vs 2y p-value
0.5867791

2y vs 5y p-value
0.462472

6w vs 5y p-value
0.2275693

RLL tests Iliac
Preop vs 6w p-value
9.574761e-24

Preop vs 2y p-value
2.136663e-19

```

Preop vs 5y p-value
5.452574e-16

6w vs 2y p-value
0.1060141

2y vs 5y p-value
0.768309

6w vs 5y p-value
0.2803284

RLL tests L5
Preop vs 6w p-value
0.3074787

Preop vs 2y p-value
0.1206221

Preop vs 5y p-value
0.5155244

6w vs 2y p-value
0.5110539

2y vs 5y p-value
0.453978

6w vs 5y p-value
0.8190048

RLL tests L4
Preop vs 6w p-value
0.6061475

Preop vs 2y p-value
0.1796392

Preop vs 5y p-value
0.9854338

6w vs 2y p-value
0.284305

2y vs 5y p-value
0.2450917

6w vs 5y p-value
0.670074

Global Tilt - mean
All
[1] 31.48

Iliac
[1] 37.84

L5
[1] 24.42

L4
[1] 16.87

Iliac vs L5 p-value:[1] 9.476897e-06

Iliac vs L4 p-value:[1] 1.482148e-12

L5 vs L4 p-value:[1] 0.0186626

Global Tilt - sd

All
[1] 17.06
Iliac
[1] 15.59

L5
[1] 13.64

L4
[1] 12.58

6W. Global Tilt - mean

All
[1] 20.37
Iliac
[1] 21.59

L5
[1] 23.57

L4
[1] 13.68

Iliac vs L5 p-value:[1] 0.4176329

Iliac vs L4 p-value:[1] 0.0001050844

L5 vs L4 p-value:[1] 0.000618903

6W. Global Tilt - sd

All
[1] 11.39
Iliac
[1] 10.83

L5
[1] 12.45

L4
[1] 9.75

6M. Global Tilt - mean

All
[1] 21.74
Iliac
[1] 24.65

L5
[1] 22.48

L4
[1] 12.44

Iliac vs L5 p-value:[1] 0.3870887

Iliac vs L4 p-value:[1] 2.189334e-09

L5 vs L4 p-value:[1] 0.0004362483

6M. Global Tilt - sd

All
[1] 12.16
Iliac
[1] 11.9

L5
[1] 11.06

L4
[1] 8.71

1Y. Global Tilt - mean

All
[1] 23.05
Iliac
[1] 26.13

L5
[1] 22.41

L4
[1] 12.22

Iliac vs L5 p-value:[1] 0.09721221

Iliac vs L4 p-value:[1] 7.60928e-10

L5 vs L4 p-value:[1] 8.368771e-05

1Y. Global Tilt - sd

All
[1] 12.7
Iliac
[1] 12.78

L5
[1] 9.53

L4
[1] 8.38

2Y. Global Tilt - mean

All
[1] 23.63
Iliac
[1] 27.34

L5
[1] 23.37

L4
[1] 11.45

Iliac vs L5 p-value:[1] 0.08826415

Iliac vs L4 p-value:[1] 8.726046e-11

L5 vs L4 p-value:[1] 2.373262e-05

2Y. Global Tilt - sd

All
[1] 12.79
Iliac

[1] 11.99

L5

[1] 10.37

L4

[1] 9.52

5Y. Global Tilt - mean

All

[1] 26.73

Iliac

[1] 29.8

L5

[1] 28.52

L4

[1] 14.25

Iliac vs L5 p-value:[1] 0.6711794

Iliac vs L4 p-value:[1] 4.279727e-05

L5 vs L4 p-value:[1] 0.0004128389

5Y. Global Tilt - sd

All

[1] 14.68

Iliac

[1] 14.64

L5

[1] 10.96

L4

[1] 12.14

Global Tilt tests all

Preop vs 6w p-value

6.480203e-13

Preop vs 2y p-value

9.343552e-07

Preop vs 5y p-value

0.012342

6w vs 2y p-value
0.01287072

2y vs 5y p-value
0.07629027

6w vs 5y p-value
0.0001831101

Global Tilt tests Iliac
Preop vs 6w p-value
7.514888e-18

Preop vs 2y p-value
2.498289e-08

Preop vs 5y p-value
0.0006220673

6w vs 2y p-value
0.0002457973

2y vs 5y p-value
0.2545101

6w vs 5y p-value
0.000143521

Global Tilt tests L5
Preop vs 6w p-value
0.7949232

Preop vs 2y p-value
0.7355823

Preop vs 5y p-value
0.2295117

6w vs 2y p-value
0.9462679

2y vs 5y p-value
0.1036081

6w vs 5y p-value
0.1349073

Global Tilt tests L4
Preop vs 6w p-value
0.2248276

Preop vs 2y p-value
0.04444055

Preop vs 5y p-value
0.4523921

6w vs 2y p-value
0.3453974

2y vs 5y p-value
0.3971063

6w vs 5y p-value
0.8604935

T1 Sagittal Tilt - mean
All
[1] -0.78
Iliac
[1] 0.96

L5
[1] -3.12

L4
[1] -4.54

Iliac vs L5 p-value:[1] 0.001617551

Iliac vs L4 p-value:[1] 3.725038e-08

L5 vs L4 p-value:[1] 0.2499525

T1 Sagittal Tilt - sd
All
[1] 6.63
Iliac
[1] 6.93

L5
[1] 5.58

L4
[1] 3.71

6W. T1 Sagittal Tilt - mean
All
[1] -3.45
Iliac
[1] -3.72

```

L5
[1] -1.84

L4
[1] -4.16

Iliac vs L5 p-value:[1] 0.02195213

Iliac vs L4 p-value:[1] 0.533426

L5 vs L4 p-value:[1] 0.01390567


6W. T1 Sagittal Tilt - sd
All
[1] 3.77
Iliac
[1] 3.79

L5
[1] 3.84

L4
[1] 3.24


6M. T1 Sagittal Tilt - mean
All
[1] -4.23
Iliac
[1] -4.08

L5
[1] -3.75

L4
[1] -5

Iliac vs L5 p-value:[1] 0.6666593

Iliac vs L4 p-value:[1] 0.176673

L5 vs L4 p-value:[1] 0.1321765


6M. T1 Sagittal Tilt - sd
All
[1] 4.02
Iliac

```

[1] 4.44

L5

[1] 3.08

L4

[1] 3.13

1Y. T1 Sagittal Tilt - mean

All

[1] -4.17

Iliac

[1] -3.97

L5

[1] -3.84

L4

[1] -5.08

Iliac vs L5 p-value:[1] 0.8915657

Iliac vs L4 p-value:[1] 0.2551563

L5 vs L4 p-value:[1] 0.2901315

1Y. T1 Sagittal Tilt - sd

All

[1] 4.79

Iliac

[1] 4.99

L5

[1] 3.95

L4

[1] 4.7

2Y. T1 Sagittal Tilt - mean

All

[1] -3.41

Iliac

[1] -2.84

L5

[1] -3.46

L4

[1] -5.2

Iliac vs L5 p-value:[1] 0.4165542

Iliac vs L4 p-value:[1] 0.002041415

L5 vs L4 p-value:[1] 0.03993243

2Y. T1 Sagittal Tilt - sd

All

[1] 4.28

Iliac

[1] 4.69

L5

[1] 3.16

L4

[1] 3.17

5Y. T1 Sagittal Tilt - mean

All

[1] -2.53

Iliac

[1] -1.75

L5

[1] -2.59

L4

[1] -5.13

Iliac vs L5 p-value:[1] 0.4386978

Iliac vs L4 p-value:[1] 0.001480955

L5 vs L4 p-value:[1] 0.01650113

5Y. T1 Sagittal Tilt - sd

All

[1] 5.42

Iliac

[1] 6.23

L5

[1] 3.49

L4

[1] 2.9

T1 Sagittal Tilt tests all
Preop vs 6w p-value
8.043926e-06

Preop vs 2y p-value
2.128016e-05

Preop vs 5y p-value
0.01760371

6w vs 2y p-value
0.9255301

2y vs 5y p-value
0.1624641

6w vs 5y p-value
0.1304188

T1 Sagittal Tilt tests Iliac
Preop vs 6w p-value
5.281255e-09

Preop vs 2y p-value
4.858747e-06

Preop vs 5y p-value
0.008562793

6w vs 2y p-value
0.1458185

2y vs 5y p-value
0.2272461

6w vs 5y p-value
0.02398422

T1 Sagittal Tilt tests L5
Preop vs 6w p-value
0.3087823

Preop vs 2y p-value
0.7756784

Preop vs 5y p-value
0.6834588

6w vs 2y p-value
0.08231197

2y vs 5y p-value
0.3737486

6w vs 5y p-value
0.4673235

T1 Sagittal Tilt tests L4
Preop vs 6w p-value
0.6654218

Preop vs 2y p-value
0.4490107

Preop vs 5y p-value
0.5284113

6w vs 2y p-value
0.2116553

2y vs 5y p-value
0.9395894

6w vs 5y p-value
0.2823314

Thoracolumbar L2-T10 - mean

All

[1] 13.8

Iliac

[1] 10.15

L5

[1] 12.97

L4

[1] 26.02

Iliac vs L5 p-value:[1] 0.4999512

Iliac vs L4 p-value:[1] 3.901894e-05

L5 vs L4 p-value:[1] 0.008790538

Thoracolumbar L2-T10 - sd

All

[1] 21.14

Iliac

[1] 20.53

L5

[1] 21.02

L4

[1] 18.97

6W. Thoracolumbar L2-T10 - mean

All

[1] 5.67

Iliac

[1] 7.61

L5

[1] 3.17

L4

[1] 1.5

Iliac vs L5 p-value:[1] 0.04188712

Iliac vs L4 p-value:[1] 0.02602096

L5 vs L4 p-value:[1] 0.5918865

6W. Thoracolumbar L2-T10 - sd

All

[1] 11.64

Iliac

[1] 10.66

L5

[1] 10.45

L4

[1] 14.33

6M. Thoracolumbar L2-T10 - mean

All

[1] 6.51

Iliac

[1] 7.83

L5

[1] 5.2

L4

[1] 3.21

Iliac vs L5 p-value:[1] 0.2941896

Iliac vs L4 p-value:[1] 0.02019464

L5 vs L4 p-value:[1] 0.4804379

6M. Thoracolumbar L2-T10 - sd

All

[1] 10.46

Iliac

[1] 10.37

L5

[1] 11.28

L4

[1] 9.5

1Y. Thoracolumbar L2-T10 - mean

All

[1] 6.84

Iliac

[1] 7.68

L5

[1] 7.31

L4

[1] 3.64

Iliac vs L5 p-value:[1] 0.9037103

Iliac vs L4 p-value:[1] 0.04520528

L5 vs L4 p-value:[1] 0.2702525

1Y. Thoracolumbar L2-T10 - sd

All

[1] 11.45

Iliac

[1] 10.98

L5

[1] 14.72

L4

[1] 9.63

2Y. Thoracolumbar L2-T10 - mean

All

[1] 6.83

Iliac

[1] 7.6

L5

[1] 8.11

L4

[1] 3.18

Iliac vs L5 p-value:[1] 0.8512417

Iliac vs L4 p-value:[1] 0.04070716

L5 vs L4 p-value:[1] 0.1025551

2Y. Thoracolumbar L2-T10 - sd

All

[1] 12.28

Iliac

[1] 12.89

L5

[1] 12.05

L4

[1] 9.74

5Y. Thoracolumbar L2-T10 - mean

All

[1] 7.86

Iliac

[1] 8.24

L5

[1] 9.65

L4

[1] 4.55

Iliac vs L5 p-value:[1] 0.6704018

Iliac vs L4 p-value:[1] 0.2271904

L5 vs L4 p-value:[1] 0.1676947

5Y. Thoracolumbar L2-T10 - sd

All

[1] 13.62

Iliac

[1] 14.75

L5

[1] 12.48

L4

[1] 10.44

Thoracolumbar L2-T10 tests all

Preop vs 6w p-value

6.096447e-06

Preop vs 2y p-value

0.0001378059

Preop vs 5y p-value

0.003684111

6w vs 2y p-value

0.371863

2y vs 5y p-value

0.5297308

6w vs 5y p-value

0.1708431

Thoracolumbar L2-T10 tests Iliac

Preop vs 6w p-value

0.2348146

Preop vs 2y p-value

0.2583007

Preop vs 5y p-value

0.4684558

6w vs 2y p-value

0.9948394

2y vs 5y p-value
0.7719202

6w vs 5y p-value
0.7629621

Thoracolumbar L2-T10 tests L5
Preop vs 6w p-value
0.02280798

Preop vs 2y p-value
0.2775179

Preop vs 5y p-value
0.4737271

6w vs 2y p-value
0.1118447

2y vs 5y p-value
0.6747944

6w vs 5y p-value
0.057313

Thoracolumbar L2-T10 tests L4
Preop vs 6w p-value
3.368438e-08

Preop vs 2y p-value
2.322071e-08

Preop vs 5y p-value
1.022196e-06

6w vs 2y p-value
0.578192

2y vs 5y p-value
0.6453614

6w vs 5y p-value
0.3790552

RSA - mean
All
[1] 20.12
Iliac
[1] 25.25

L5
[1] 14.07

```
L4
[1] 8.64

Iliac vs L5 p-value:[1] 1.063895e-05

Iliac vs L4 p-value:[1] 4.173142e-10

L5 vs L4 p-value:[1] 0.05262429
```

```
RSA - sd
All
[1] 14.79
Iliac
[1] 13.88
```

```
L5
[1] 11.3
```

```
L4
[1] 11.86
```

```
6W. RSA - mean
All
[1] 8.94
Iliac
[1] 8.83
```

```
L5
[1] 13.26
```

```
L4
[1] 5.48
```

```
Iliac vs L5 p-value:[1] 0.02583761
```

```
Iliac vs L4 p-value:[1] 0.05103912
```

```
L5 vs L4 p-value:[1] 0.001241075
```

```
6W. RSA - sd
All
[1] 9.02
Iliac
[1] 8.34
```

```
L5
```

```
[1] 9.94
```

```
L4
```

```
[1] 8.89
```

```
6M. RSA - mean
```

```
All
```

```
[1] 10.52
```

```
Iliac
```

```
[1] 11.95
```

```
L5
```

```
[1] 12.96
```

```
L4
```

```
[1] 4.55
```

```
Iliac vs L5 p-value:[1] 0.5797044
```

```
Iliac vs L4 p-value:[1] 2.377964e-06
```

```
L5 vs L4 p-value:[1] 9.206064e-05
```

```
6M. RSA - sd
```

```
All
```

```
[1] 9.18
```

```
Iliac
```

```
[1] 9.29
```

```
L5
```

```
[1] 7.94
```

```
L4
```

```
[1] 7.06
```

```
1Y. RSA - mean
```

```
All
```

```
[1] 11.83
```

```
Iliac
```

```
[1] 13.68
```

```
L5
```

```
[1] 12.15
```

```
L4
```

```
[1] 4.7
```

Iliac vs L5 p-value:[1] 0.3678533

Iliac vs L4 p-value:[1] 8.479116e-07

L5 vs L4 p-value:[1] 0.0003440551

1Y. RSA - sd

All

[1] 9.62

Iliac

[1] 9.81

L5

[1] 7.34

L4

[1] 7.37

2Y. RSA - mean

All

[1] 12.43

Iliac

[1] 14.86

L5

[1] 13.04

L4

[1] 3.74

Iliac vs L5 p-value:[1] 0.3066767

Iliac vs L4 p-value:[1] 2.055662e-07

L5 vs L4 p-value:[1] 9.43661e-05

2Y. RSA - sd

All

[1] 10.06

Iliac

[1] 9.42

L5

[1] 8

L4

[1] 9.18

5Y. RSA - mean

All

[1] 15.39

Iliac

[1] 17.17

L5

[1] 17.35

L4

[1] 7.15

Iliac vs L5 p-value:[1] 0.9397796

Iliac vs L4 p-value:[1] 0.003423839

L5 vs L4 p-value:[1] 0.004915618

5Y. RSA - sd

All

[1] 11.88

Iliac

[1] 11.8

L5

[1] 8.83

L4

[1] 12.11

RSA tests all

Preop vs 6w p-value

3.432466e-17

Preop vs 2y p-value

1.126693e-08

Preop vs 5y p-value

0.002875507

6w vs 2y p-value

0.0007777056

2y vs 5y p-value

0.03481176

6w vs 5y p-value
3.133711e-06

RSA tests Iliac
Preop vs 6w p-value
6.468067e-23

Preop vs 2y p-value
1.484102e-10

Preop vs 5y p-value
4.475701e-05

6w vs 2y p-value
1.039481e-06

2y vs 5y p-value
0.1833102

6w vs 5y p-value
2.119909e-06

RSA tests L5
Preop vs 6w p-value
0.7618163

Preop vs 2y p-value
0.6807908

Preop vs 5y p-value
0.2379728

6w vs 2y p-value
0.9238653

2y vs 5y p-value
0.08563468

6w vs 5y p-value
0.1235304

RSA tests L4
Preop vs 6w p-value
0.1981718

Preop vs 2y p-value
0.05559563

Preop vs 5y p-value
0.662483

6w vs 2y p-value
0.4299138

2y vs 5y p-value
0.2970689

6w vs 5y p-value
0.6004202

RPV - mean
All
[1] -11.52
Iliac
[1] -13.97

L5
[1] -8.98

L4
[1] -5.67

Iliac vs L5 p-value:[1] 0.0002352195

Iliac vs L4 p-value:[1] 5.215609e-08

L5 vs L4 p-value:[1] 0.03832301

RPV - sd
All
[1] 8.25
Iliac
[1] 8.01

L5
[1] 6.1

L4
[1] 7.1

6W. RPV - mean
All
[1] -5.8
Iliac
[1] -5.77

L5
[1] -8.68

L4
[1] -3.27

Iliac vs L5 p-value:[1] 0.03443289

Iliac vs L4 p-value:[1] 0.07184296

L5 vs L4 p-value:[1] 0.001460083

6W. RPV - sd

All

[1] 7.57

Iliac

[1] 7.78

L5

[1] 6.57

L4

[1] 6.98

6M. RPV - mean

All

[1] -7.72

Iliac

[1] -8.75

L5

[1] -9.5

L4

[1] -3.22

Iliac vs L5 p-value:[1] 0.5611091

Iliac vs L4 p-value:[1] 3.808891e-06

L5 vs L4 p-value:[1] 5.035552e-05

6M. RPV - sd

All

[1] 6.84

Iliac

[1] 6.82

L5

[1] 6.11

L4

[1] 5.58

1Y. RPV - mean

All

[1] -8.34

Iliac

[1] -9.49

L5

[1] -8.73

L4

[1] -4.33

Iliac vs L5 p-value:[1] 0.5455246

Iliac vs L4 p-value:[1] 0.0002047656

L5 vs L4 p-value:[1] 0.006147918

1Y. RPV - sd

All

[1] 6.88

Iliac

[1] 6.74

L5

[1] 6.02

L4

[1] 6.7

2Y. RPV - mean

All

[1] -7.89

Iliac

[1] -8.93

L5

[1] -9.15

L4

[1] -3.29

Iliac vs L5 p-value:[1] 0.86913

Iliac vs L4 p-value:[1] 6.001403e-05

L5 vs L4 p-value:[1] 0.0005193136

2Y. RPV - sd

All

[1] 6.8

Iliac

[1] 6.54

L5

[1] 6.05

L4

[1] 6.52

5Y. RPV - mean

All

[1] -9.62

Iliac

[1] -10.22

L5

[1] -11.27

L4

[1] -5.74

Iliac vs L5 p-value:[1] 0.4928944

Iliac vs L4 p-value:[1] 0.04030606

L5 vs L4 p-value:[1] 0.02234396

5Y. RPV - sd

All

[1] 6.89

Iliac

[1] 6.41

L5

[1] 5.89

L4

[1] 8.32

RPV tests all
Preop vs 6w p-value
6.951372e-12

Preop vs 2y p-value
5.142458e-06

Preop vs 5y p-value
0.03445744

6w vs 2y p-value
0.006024401

2y vs 5y p-value
0.04282163

6w vs 5y p-value
1.725698e-05

RPV tests Iliac
Preop vs 6w p-value
2.460641e-14

Preop vs 2y p-value
2.537594e-07

Preop vs 5y p-value
0.0005986081

6w vs 2y p-value
0.000950976

2y vs 5y p-value
0.2041627

6w vs 5y p-value
5.058904e-05

RPV tests L5
Preop vs 6w p-value
0.8506946

Preop vs 2y p-value
0.9141574

Preop vs 5y p-value
0.1767435

6w vs 2y p-value
0.7739999

2y vs 5y p-value
0.2204258

6w vs 5y p-value
0.1398461

RPV tests L4
Preop vs 6w p-value
0.146813

Preop vs 2y p-value
0.14488

Preop vs 5y p-value
0.9739296

6w vs 2y p-value
0.9924283

2y vs 5y p-value
0.2769242

6w vs 5y p-value
0.2767317

Quality of Life

ODI - Score (%) - mean

All

[1] 41.21

Iliac

[1] 44.97

L5

[1] 41.76

L4

[1] 28.54

Iliac vs L5 p-value:[1] 0.3817934

Iliac vs L4 p-value:[1] 1.189868e-05

L5 vs L4 p-value:[1] 0.004142111

ODI - Score (%) - sd

All

[1] 18.95

Iliac

[1] 17.57

L5

[1] 18.74

L4

[1] 18.42

6M. ODI - Score (%) - mean

All

[1] 30.97

Iliac

[1] 32.45

L5

[1] 29.21

L4

[1] 27.57

Iliac vs L5 p-value:[1] 0.3763933

Iliac vs L4 p-value:[1] 0.1353236

L5 vs L4 p-value:[1] 0.6930723

6M. ODI - Score (%) - sd

All

[1] 18.12

Iliac

[1] 19.03

L5

[1] 16.67

L4

[1] 15.9

1Y. ODI - Score (%) - mean

All

[1] 29.32

Iliac

[1] 31.64

L5

[1] 31.43

L4

[1] 19.89

Iliac vs L5 p-value:[1] 0.9543776

Iliac vs L4 p-value:[1] 0.0003615552

L5 vs L4 p-value:[1] 0.007905313

1Y. ODI - Score (%) - sd

All

[1] 17.86

Iliac

[1] 17.69

L5

[1] 17.85

L4

[1] 15.65

2Y. ODI - Score (%) - mean

All

[1] 31.05

Iliac

[1] 34.74

L5

[1] 28.76

L4

[1] 21.76

Iliac vs L5 p-value:[1] 0.1705242

Iliac vs L4 p-value:[1] 0.0007605611

L5 vs L4 p-value:[1] 0.1525069

2Y. ODI - Score (%) - sd

All

[1] 22.27

Iliac

[1] 22.72

L5

[1] 21.58

L4

[1] 18.72

5Y. ODI - Score (%) - mean

All

[1] 33.24

Iliac

[1] 37.21

L5

[1] 30.35

L4

[1] 24.13

Iliac vs L5 p-value:[1] 0.1072663

Iliac vs L4 p-value:[1] 0.002513069

L5 vs L4 p-value:[1] 0.1974465

5Y. ODI - Score (%) - sd

All

[1] 22.04

Iliac

[1] 23.41

L5

[1] 17.28

L4

[1] 18.65

ODI - Score (%) tests all

Preop vs 6m p-value

2.096768e-07

Preop vs 2y p-value

2.693563e-06

Preop vs 5y p-value

0.0005418742

6m vs 2y p-value

0.9713222

2y vs 5y p-value

0.3702362

6w vs 5y p-value
0.3191802

ODI - Score (%) tests Iliac
Preop vs 6m p-value
4.012081e-07

Preop vs 2y p-value
0.0001508229

Preop vs 5y p-value
0.009255832

6m vs 2y p-value
0.4070829

2y vs 5y p-value
0.4478113

6m vs 5y p-value
0.119501

ODI - Score (%) tests L5
Preop vs 6m p-value
0.007577465

Preop vs 2y p-value
0.01121871

Preop vs 5y p-value
0.01853997

6m vs 2y p-value
0.9260893

2y vs 5y p-value
0.7546251

6m vs 5y p-value
0.807701

ODI - Score (%) tests L4
Preop vs 6m p-value
0.8115359

Preop vs 2y p-value
0.1183787

Preop vs 5y p-value
0.332294

6m vs 2y p-value
0.1565704

2y vs 5y p-value
0.6026503

6m vs 5y p-value
0.4260675

SRS22 - Function / Activity - mean
All
[1] 2.86
Iliac
[1] 2.74

L5
[1] 2.83

L4
[1] 3.3

Iliac vs L5 p-value:[1] 0.5624182

Iliac vs L4 p-value:[1] 0.00131163

L5 vs L4 p-value:[1] 0.01960266

SRS22 - Function / Activity - sd
All
[1] 0.78
Iliac
[1] 0.71

L5
[1] 0.74

L4
[1] 0.91

6M. SRS22 - Function / Activity - mean
All
[1] 3.06
Iliac
[1] 3.02

L5
[1] 3.04

L4
[1] 3.19

Iliac vs L5 p-value:[1] 0.9255523

Iliac vs L4 p-value:[1] 0.3187711

L5 vs L4 p-value:[1] 0.5185818

6M. SRS22 - Function / Activity - sd

All

[1] 0.78

Iliac

[1] 0.71

L5

[1] 0.89

L4

[1] 0.88

1Y. SRS22 - Function / Activity - mean

All

[1] 3.19

Iliac

[1] 3.08

L5

[1] 3.07

L4

[1] 3.66

Iliac vs L5 p-value:[1] 0.9579842

Iliac vs L4 p-value:[1] 0.001805457

L5 vs L4 p-value:[1] 0.01532368

1Y. SRS22 - Function / Activity - sd

All

[1] 0.88

Iliac

[1] 0.79

L5

[1] 0.96

L4

[1] 0.95

2Y. SRS22 - Function / Activity - mean

All

[1] 3.3

Iliac

[1] 3.15

L5

[1] 3.34

L4

[1] 3.73

Iliac vs L5 p-value:[1] 0.2771709

Iliac vs L4 p-value:[1] 0.001078892

L5 vs L4 p-value:[1] 0.06922503

2Y. SRS22 - Function / Activity - sd

All

[1] 0.9

Iliac

[1] 0.86

L5

[1] 0.85

L4

[1] 0.93

5Y. SRS22 - Function / Activity - mean

All

[1] 3.29

Iliac

[1] 3.19

L5

[1] 3.34

L4

[1] 3.58

Iliac vs L5 p-value:[1] 0.3738835

Iliac vs L4 p-value:[1] 0.0497315

L5 vs L4 p-value:[1] 0.2733902

5Y. SRS22 - Function / Activity - sd

All

[1] 0.9

Iliac

[1] 0.91

L5

[1] 0.72

L4

[1] 0.96

SRS22 - Function / Activity tests all

Preop vs 6m p-value

0.01738333

Preop vs 2y p-value

7.781635e-07

Preop vs 5y p-value

5.160796e-06

6m vs 2y p-value

0.006187745

2y vs 5y p-value

0.9497526

6w vs 5y p-value

0.01233057

SRS22 - Function / Activity tests Iliac

Preop vs 6m p-value

0.002843591

Preop vs 2y p-value

9.805675e-05

Preop vs 5y p-value

0.0001691877

6m vs 2y p-value

0.2237086

2y vs 5y p-value

0.7730453

6m vs 5y p-value
0.1635664

SRS22 - Function / Activity tests L5
Preop vs 6m p-value
0.3212941

Preop vs 2y p-value
0.01256246

Preop vs 5y p-value
0.009073027

6m vs 2y p-value
0.1970799

2y vs 5y p-value
0.9907041

6m vs 5y p-value
0.1836069

SRS22 - Function / Activity tests L4
Preop vs 6m p-value
0.6043248

Preop vs 2y p-value
0.04262216

Preop vs 5y p-value
0.2173989

6m vs 2y p-value
0.01173375

2y vs 5y p-value
0.5035479

6m vs 5y p-value
0.08841708

SRS22 - Pain - mean
All
[1] 2.42
Iliac
[1] 2.32

L5
[1] 2.29

L4
[1] 2.87

Iliac vs L5 p-value:[1] 0.8789104

Iliac vs L4 p-value:[1] 0.005273384

L5 vs L4 p-value:[1] 0.01708754

SRS22 - Pain - sd

All

[1] 0.91

Iliac

[1] 0.83

L5

[1] 0.92

L4

[1] 1.05

6M. SRS22 - Pain - mean

All

[1] 3.35

Iliac

[1] 3.35

L5

[1] 3.3

L4

[1] 3.36

Iliac vs L5 p-value:[1] 0.7976315

Iliac vs L4 p-value:[1] 0.9564662

L5 vs L4 p-value:[1] 0.7957718

6M. SRS22 - Pain - sd

All

[1] 0.88

Iliac

[1] 0.88

L5

[1] 0.93

L4

[1] 0.87

1Y. SRS22 - Pain - mean

All

[1] 3.46

Iliac

[1] 3.39

L5

[1] 3.34

L4

[1] 3.79

Iliac vs L5 p-value:[1] 0.7915287

Iliac vs L4 p-value:[1] 0.04047695

L5 vs L4 p-value:[1] 0.07815066

1Y. SRS22 - Pain - sd

All

[1] 1

Iliac

[1] 0.99

L5

[1] 1.04

L4

[1] 0.97

2Y. SRS22 - Pain - mean

All

[1] 3.37

Iliac

[1] 3.29

L5

[1] 3.25

L4

[1] 3.72

Iliac vs L5 p-value:[1] 0.8476839

Iliac vs L4 p-value:[1] 0.03337477

L5 vs L4 p-value:[1] 0.06443269

2Y. SRS22 - Pain - sd

All

[1] 1.13

Iliac

[1] 1.16

L5

[1] 1.05

L4

[1] 1.03

5Y. SRS22 - Pain - mean

All

[1] 3.14

Iliac

[1] 3.08

L5

[1] 3.01

L4

[1] 3.4

Iliac vs L5 p-value:[1] 0.7844013

Iliac vs L4 p-value:[1] 0.1736808

L5 vs L4 p-value:[1] 0.1761369

5Y. SRS22 - Pain - sd

All

[1] 1.16

Iliac

[1] 1.2

L5

[1] 1.05

L4

[1] 1.09

SRS22 - Pain tests all
Preop vs 6m p-value
1.516534e-20

Preop vs 2y p-value
1.460652e-17

Preop vs 5y p-value
2.037663e-09

6m vs 2y p-value
0.8136684

2y vs 5y p-value
0.06080962

6w vs 5y p-value
0.06886779

SRS22 - Pain tests Iliac
Preop vs 6m p-value
1.756103e-17

Preop vs 2y p-value
3.368848e-12

Preop vs 5y p-value
6.298191e-07

6m vs 2y p-value
0.6484518

2y vs 5y p-value
0.2063

6m vs 5y p-value
0.07270424

SRS22 - Pain tests L5
Preop vs 6m p-value
0.0001016047

Preop vs 2y p-value
0.0002706931

Preop vs 5y p-value
0.007274066

6m vs 2y p-value
0.8399535

2y vs 5y p-value
0.4016977

6m vs 5y p-value
0.2955313

SRS22 - Pain tests L4
Preop vs 6m p-value
0.03285166

Preop vs 2y p-value
0.0006717393

Preop vs 5y p-value
0.0455369

6m vs 2y p-value
0.1099182

2y vs 5y p-value
0.2197319

6m vs 5y p-value
0.8703507

SRS22 - Self image / Appearance - mean
All
[1] 2.18
Iliac
[1] 2.03

L5
[1] 2.28

L4
[1] 2.59

Iliac vs L5 p-value:[1] 0.07539967

Iliac vs L4 p-value:[1] 0.0005853172

L5 vs L4 p-value:[1] 0.1040935

SRS22 - Self image / Appearance - sd
All
[1] 0.72
Iliac
[1] 0.63

L5
[1] 0.71

L4

[1] 0.85

6M. SRS22 - Self image / Appearance - mean

All

[1] 3.42

Iliac

[1] 3.33

L5

[1] 3.5

L4

[1] 3.68

Iliac vs L5 p-value:[1] 0.3933773

Iliac vs L4 p-value:[1] 0.0164529

L5 vs L4 p-value:[1] 0.3986507

6M. SRS22 - Self image / Appearance - sd

All

[1] 0.85

Iliac

[1] 0.86

L5

[1] 0.93

L4

[1] 0.71

1Y. SRS22 - Self image / Appearance - mean

All

[1] 3.45

Iliac

[1] 3.35

L5

[1] 3.42

L4

[1] 3.8

Iliac vs L5 p-value:[1] 0.6853284

Iliac vs L4 p-value:[1] 0.002551866

L5 vs L4 p-value:[1] 0.08324352

1Y. SRS22 - Self image / Appearance - sd

All

[1] 0.82

Iliac

[1] 0.78

L5

[1] 0.96

L4

[1] 0.75

2Y. SRS22 - Self image / Appearance - mean

All

[1] 3.35

Iliac

[1] 3.18

L5

[1] 3.48

L4

[1] 3.76

Iliac vs L5 p-value:[1] 0.1341684

Iliac vs L4 p-value:[1] 0.00131527

L5 vs L4 p-value:[1] 0.2204743

2Y. SRS22 - Self image / Appearance - sd

All

[1] 0.98

Iliac

[1] 0.97

L5

[1] 0.95

L4

[1] 0.9

5Y. SRS22 - Self image / Appearance - mean

All

[1] 3.23

Iliac

[1] 3.09

L5

[1] 3.27

L4

[1] 3.64

Iliac vs L5 p-value:[1] 0.3937114

Iliac vs L4 p-value:[1] 0.005493097

L5 vs L4 p-value:[1] 0.1402414

5Y. SRS22 - Self image / Appearance - sd

All

[1] 1

Iliac

[1] 1.02

L5

[1] 0.97

L4

[1] 0.88

SRS22 - Self image / Appearance tests all

Preop vs 6m p-value

1.217358e-39

Preop vs 2y p-value

2.471454e-32

Preop vs 5y p-value

7.460593e-23

6m vs 2y p-value

0.4426235

2y vs 5y p-value

0.2940957

6w vs 5y p-value

0.07133499

SRS22 - Self image / Appearance tests Iliac
Preop vs 6m p-value
4.688937e-29

Preop vs 2y p-value
1.018224e-21

Preop vs 5y p-value
6.274015e-15

6m vs 2y p-value
0.2350104

2y vs 5y p-value
0.4939568

6m vs 5y p-value
0.07495936

SRS22 - Self image / Appearance tests L5
Preop vs 6m p-value
1.156135e-06

Preop vs 2y p-value
5.536168e-07

Preop vs 5y p-value
5.658542e-05

6m vs 2y p-value
0.9396477

2y vs 5y p-value
0.4207469

6m vs 5y p-value
0.3905371

SRS22 - Self image / Appearance tests L4
Preop vs 6m p-value
1.049942e-07

Preop vs 2y p-value
1.675422e-07

Preop vs 5y p-value
5.619203e-06

6m vs 2y p-value
0.6899992

2y vs 5y p-value
0.5900366

6m vs 5y p-value
0.8360754

SRS22 - Mental health - mean

All

[1] 3.01

Iliac

[1] 2.89

L5

[1] 3.2

L4

[1] 3.21

Iliac vs L5 p-value:[1] 0.08060254

Iliac vs L4 p-value:[1] 0.05119642

L5 vs L4 p-value:[1] 0.9633215

SRS22 - Mental health - sd

All

[1] 0.9

Iliac

[1] 0.91

L5

[1] 0.87

L4

[1] 0.83

6M. SRS22 - Mental health - mean

All

[1] 3.46

Iliac

[1] 3.44

L5

[1] 3.5

L4

[1] 3.5

Iliac vs L5 p-value:[1] 0.7396122

Iliac vs L4 p-value:[1] 0.7133164

L5 vs L4 p-value:[1] 0.9764658

6M. SRS22 - Mental health - sd

All

[1] 0.87

Iliac

[1] 0.89

L5

[1] 0.91

L4

[1] 0.8

1Y. SRS22 - Mental health - mean

All

[1] 3.53

Iliac

[1] 3.49

L5

[1] 3.51

L4

[1] 3.71

Iliac vs L5 p-value:[1] 0.9121266

Iliac vs L4 p-value:[1] 0.1582612

L5 vs L4 p-value:[1] 0.368034

1Y. SRS22 - Mental health - sd

All

[1] 0.87

Iliac

[1] 0.86

L5

[1] 0.97

L4

[1] 0.79

2Y. SRS22 - Mental health - mean

All

[1] 3.4

Iliac

[1] 3.3

L5

[1] 3.56

L4

[1] 3.58

Iliac vs L5 p-value:[1] 0.1696638

Iliac vs L4 p-value:[1] 0.1043936

L5 vs L4 p-value:[1] 0.9290437

2Y. SRS22 - Mental health - sd

All

[1] 0.98

Iliac

[1] 1.02

L5

[1] 0.9

L4

[1] 0.88

5Y. SRS22 - Mental health - mean

All

[1] 3.4

Iliac

[1] 3.3

L5

[1] 3.45

L4

[1] 3.66

Iliac vs L5 p-value:[1] 0.4303014

Iliac vs L4 p-value:[1] 0.07410158

L5 vs L4 p-value:[1] 0.3630999

5Y. SRS22 - Mental health - sd

All

[1] 0.97

Iliac

[1] 1.02

L5

[1] 0.82

L4

[1] 0.94

SRS22 - Mental health tests all

Preop vs 6m p-value

1.249561e-06

Preop vs 2y p-value

5.547928e-05

Preop vs 5y p-value

0.0001317269

6m vs 2y p-value

0.5311949

2y vs 5y p-value

0.9736331

6w vs 5y p-value

0.5787262

SRS22 - Mental health tests Iliac

Preop vs 6m p-value

4.923612e-06

Preop vs 2y p-value

0.001291831

Preop vs 5y p-value

0.002627902

6m vs 2y p-value

0.2659844

2y vs 5y p-value

0.9897269

6m vs 5y p-value

0.306084

SRS22 - Mental health tests L5

Preop vs 6m p-value

0.196677

Preop vs 2y p-value

0.1109146

Preop vs 5y p-value

0.2561556

6m vs 2y p-value

0.8156427

2y vs 5y p-value

0.6358732

6m vs 5y p-value

0.8271794

SRS22 - Mental health tests L4

Preop vs 6m p-value

0.1391993

Preop vs 2y p-value

0.06535945

Preop vs 5y p-value

0.04118012

6m vs 2y p-value

0.6774591

2y vs 5y p-value

0.7002628

6m vs 5y p-value

0.4428845

SRS22 - SRS Subtotal score - mean

All

[1] 2.62

Iliac

[1] 2.5

L5

[1] 2.66

L4

[1] 3

Iliac vs L5 p-value:[1] 0.2149205

Iliac vs L4 p-value:[1] 0.0009778336

L5 vs L4 p-value:[1] 0.06303606

SRS22 - SRS Subtotal score - sd

All

[1] 0.68

Iliac

[1] 0.6

L5

[1] 0.68

L4

[1] 0.79

6M. SRS22 - SRS Subtotal score - mean

All

[1] 3.32

Iliac

[1] 3.29

L5

[1] 3.33

L4

[1] 3.43

Iliac vs L5 p-value:[1] 0.7595976

Iliac vs L4 p-value:[1] 0.2587778

L5 vs L4 p-value:[1] 0.5873157

6M. SRS22 - SRS Subtotal score - sd

All

[1] 0.68

Iliac

[1] 0.67

L5

[1] 0.74

L4

[1] 0.67

1Y. SRS22 - SRS Subtotal score - mean

All

[1] 3.41

Iliac

[1] 3.34

L5

[1] 3.34

L4

[1] 3.74

Iliac vs L5 p-value:[1] 0.9959108

Iliac vs L4 p-value:[1] 0.005920887

L5 vs L4 p-value:[1] 0.04295458

1Y. SRS22 - SRS Subtotal score - sd

All

[1] 0.75

Iliac

[1] 0.71

L5

[1] 0.82

L4

[1] 0.74

2Y. SRS22 - SRS Subtotal score - mean

All

[1] 3.35

Iliac

[1] 3.23

L5

[1] 3.41

L4

[1] 3.7

Iliac vs L5 p-value:[1] 0.2825081

Iliac vs L4 p-value:[1] 0.003370348

L5 vs L4 p-value:[1] 0.1444929

2Y. SRS22 - SRS Subtotal score - sd

All

[1] 0.87

Iliac

[1] 0.88

L5

[1] 0.81

L4

[1] 0.82

5Y. SRS22 - SRS Subtotal score - mean

All

[1] 3.27

Iliac

[1] 3.17

L5

[1] 3.27

L4

[1] 3.57

Iliac vs L5 p-value:[1] 0.571453

Iliac vs L4 p-value:[1] 0.03003324

L5 vs L4 p-value:[1] 0.1675124

5Y. SRS22 - SRS Subtotal score - sd

All

[1] 0.89

Iliac

[1] 0.91

L5

[1] 0.79

L4

[1] 0.87

SRS22 - SRS Subtotal score tests all

Preop vs 6m p-value

1.903368e-20

Preop vs 2y p-value
8.819982e-18

Preop vs 5y p-value
2.359549e-12

6m vs 2y p-value
0.6896021

2y vs 5y p-value
0.3712103

6w vs 5y p-value
0.5446353

SRS22 - SRS Subtotal score tests Iliac
Preop vs 6m p-value
4.659146e-18

Preop vs 2y p-value
2.793514e-12

Preop vs 5y p-value
9.786987e-09

6m vs 2y p-value
0.5747529

2y vs 5y p-value
0.6205591

6m vs 5y p-value
0.2948042

SRS22 - SRS Subtotal score tests L5
Preop vs 6m p-value
0.0006468586

Preop vs 2y p-value
0.00019954

Preop vs 5y p-value
0.002792638

6m vs 2y p-value
0.7107263

2y vs 5y p-value
0.5047106

6m vs 5y p-value
0.7540886

SRS22 - SRS Subtotal score tests L4
Preop vs 6m p-value
0.01338254

Preop vs 2y p-value
0.0003042771

Preop vs 5y p-value
0.006104697

6m vs 2y p-value
0.1268842

2y vs 5y p-value
0.5295283

6m vs 5y p-value
0.4702632

SRS22 - Satisfaction with management - mean
All
[1] 2.86
Iliac
[1] 2.51

L5
[1] 3.18

L4
[1] 3.43

Iliac vs L5 p-value:[1] 0.04029903

Iliac vs L4 p-value:[1] 0.01755985

L5 vs L4 p-value:[1] 0.5650149

SRS22 - Satisfaction with management - sd
All
[1] 1.13
Iliac
[1] 0.98

L5
[1] 1.19

L4
[1] 1.19

6M. SRS22 - Satisfaction with management - mean

All

[1] 4.25

Iliac

[1] 4.19

L5

[1] 4.22

L4

[1] 4.46

Iliac vs L5 p-value:[1] 0.882139

Iliac vs L4 p-value:[1] 0.01763463

L5 vs L4 p-value:[1] 0.2410171

6M. SRS22 - Satisfaction with management - sd

All

[1] 0.79

Iliac

[1] 0.84

L5

[1] 0.91

L4

[1] 0.46

1Y. SRS22 - Satisfaction with management - mean

All

[1] 4.18

Iliac

[1] 4.11

L5

[1] 4.13

L4

[1] 4.43

Iliac vs L5 p-value:[1] 0.9256163

Iliac vs L4 p-value:[1] 0.06630712

L5 vs L4 p-value:[1] 0.2389806

1Y. SRS22 - Satisfaction with management - sd

All

[1] 0.93

Iliac

[1] 0.9

L5

[1] 1.09

L4

[1] 0.85

2Y. SRS22 - Satisfaction with management - mean

All

[1] 4.11

Iliac

[1] 4.05

L5

[1] 3.98

L4

[1] 4.41

Iliac vs L5 p-value:[1] 0.7428435

Iliac vs L4 p-value:[1] 0.02537655

L5 vs L4 p-value:[1] 0.04674958

2Y. SRS22 - Satisfaction with management - sd

All

[1] 1

Iliac

[1] 1.08

L5

[1] 0.94

L4

[1] 0.72

5Y. SRS22 - Satisfaction with management - mean

All

[1] 3.87
Iliac
[1] 3.75

L5
[1] 3.98

L4
[1] 4.15

Iliac vs L5 p-value:[1] 0.2847961

Iliac vs L4 p-value:[1] 0.0439945

L5 vs L4 p-value:[1] 0.4954611

5Y. SRS22 - Satisfaction with management - sd
All
[1] 1.05
Iliac
[1] 1.12

L5
[1] 0.95

L4
[1] 0.86

SRS22 - Satisfaction with management tests all
Preop vs 6m p-value
4.969835e-16

Preop vs 2y p-value
1.82456e-13

Preop vs 5y p-value
1.803716e-09

6m vs 2y p-value
0.1521679

2y vs 5y p-value
0.03660118

6w vs 5y p-value
0.0003972376

SRS22 - Satisfaction with management tests Iliac
Preop vs 6m p-value

3.378119e-14

Preop vs 2y p-value
1.788862e-12

Preop vs 5y p-value
7.105821e-09

6m vs 2y p-value
0.274368

2y vs 5y p-value
0.05379238

6m vs 5y p-value
0.002073694

SRS22 - Satisfaction with management tests L5
Preop vs 6m p-value
0.003495298

Preop vs 2y p-value
0.01846904

Preop vs 5y p-value
0.0208865

6m vs 2y p-value
0.3479358

2y vs 5y p-value
0.9923695

6m vs 5y p-value
0.3594742

SRS22 - Satisfaction with management tests L4
Preop vs 6m p-value
0.006938783

Preop vs 2y p-value
0.01060965

Preop vs 5y p-value
0.0566958

6m vs 2y p-value
0.7173711

2y vs 5y p-value
0.1867864

6m vs 5y p-value
0.07745563

SF36 - PCS - mean

All

[1] 34.81

Iliac

[1] 33.25

L5

[1] 34.47

L4

[1] 40.21

Iliac vs L5 p-value:[1] 0.4811913

Iliac vs L4 p-value:[1] 0.0001414652

L5 vs L4 p-value:[1] 0.01141825

SF36 - PCS - sd

All

[1] 8.6

Iliac

[1] 7.55

L5

[1] 9.05

L4

[1] 9.4

6M. SF36 - PCS - mean

All

[1] 38.98

Iliac

[1] 38.09

L5

[1] 38.22

L4

[1] 42.53

Iliac vs L5 p-value:[1] 0.9401186

Iliac vs L4 p-value:[1] 0.006148379

L5 vs L4 p-value:[1] 0.03259548

6M. SF36 - PCS - sd

All

[1] 8.36

Iliac

[1] 8.44

L5

[1] 7.78

L4

[1] 7.82

1Y. SF36 - PCS - mean

All

[1] 40.13

Iliac

[1] 38.76

L5

[1] 38.87

L4

[1] 45.76

Iliac vs L5 p-value:[1] 0.959577

Iliac vs L4 p-value:[1] 0.0003992138

L5 vs L4 p-value:[1] 0.007231674

1Y. SF36 - PCS - sd

All

[1] 9.47

Iliac

[1] 8.61

L5

[1] 10.08

L4

[1] 9.84

2Y. SF36 - PCS - mean

All

```
[1] 40.94
Iliac
[1] 39.49
```

```
L5
[1] 41
```

```
L4
[1] 45.26
```

```
Iliac vs L5 p-value:[1] 0.406496
```

```
Iliac vs L4 p-value:[1] 0.003427348
```

```
L5 vs L4 p-value:[1] 0.06529388
```

```
2Y. SF36 - PCS - sd
All
[1] 9.93
Iliac
[1] 9.77
```

```
L5
[1] 8.93
```

```
L4
[1] 10.23
```

```
5Y. SF36 - PCS - mean
All
[1] 39.3
Iliac
[1] 37.59
```

```
L5
[1] 40.17
```

```
L4
[1] 43.72
```

```
Iliac vs L5 p-value:[1] 0.2232686
```

```
Iliac vs L4 p-value:[1] 0.004716731
```

```
L5 vs L4 p-value:[1] 0.1501658
```

5Y. SF36 - PCS - sd

All

[1] 10.76

Iliac

[1] 11.32

L5

[1] 8.79

L4

[1] 9.41

SF36 - PCS tests all

Preop vs 6m p-value

3.941941e-06

Preop vs 2y p-value

5.186587e-10

Preop vs 5y p-value

4.799763e-05

6m vs 2y p-value

0.04266732

2y vs 5y p-value

0.15396

6w vs 5y p-value

0.7689204

SF36 - PCS tests Iliac

Preop vs 6m p-value

7.194601e-06

Preop vs 2y p-value

1.256822e-07

Preop vs 5y p-value

0.001893411

6m vs 2y p-value

0.2490057

2y vs 5y p-value

0.2048313

6m vs 5y p-value

0.7247666

SF36 - PCS tests L5

Preop vs 6m p-value

0.08461802

Preop vs 2y p-value
0.004429819

Preop vs 5y p-value
0.0179498

6m vs 2y p-value
0.1948625

2y vs 5y p-value
0.7219385

6m vs 5y p-value
0.3897391

SF36 - PCS tests L4
Preop vs 6m p-value
0.2607363

Preop vs 2y p-value
0.02914589

Preop vs 5y p-value
0.1337442

6m vs 2y p-value
0.2058682

2y vs 5y p-value
0.5224962

6m vs 5y p-value
0.5873769

SF36 - MCS - mean

All

[1] 41.49

Iliac

[1] 40.66

L5

[1] 44.65

L4

[1] 41.38

Iliac vs L5 p-value:[1] 0.114917

Iliac vs L4 p-value:[1] 0.7456631

L5 vs L4 p-value:[1] 0.2703331

SF36 - MCS - sd

All

[1] 12.19

Iliac

[1] 12.15

L5

[1] 12.76

L4

[1] 11.67

6M. SF36 - MCS - mean

All

[1] 46.22

Iliac

[1] 45.78

L5

[1] 46.58

L4

[1] 47.37

Iliac vs L5 p-value:[1] 0.7606111

Iliac vs L4 p-value:[1] 0.4947043

L5 vs L4 p-value:[1] 0.7971493

6M. SF36 - MCS - sd

All

[1] 12.18

Iliac

[1] 12.34

L5

[1] 12.53

L4

[1] 11.65

1Y. SF36 - MCS - mean

All

```
[1] 46.83
Iliac
[1] 45.83

L5
[1] 46.55

L4
[1] 50.35

Iliac vs L5 p-value:[1] 0.7961928

Iliac vs L4 p-value:[1] 0.02970362

L5 vs L4 p-value:[1] 0.2102345

1Y. SF36 - MCS - sd
All
[1] 12.37
Iliac
[1] 12.61

L5
[1] 13.63

L4
[1] 9.83

2Y. SF36 - MCS - mean
All
[1] 46.39
Iliac
[1] 44.82

L5
[1] 49.29

L4
[1] 48.61

Iliac vs L5 p-value:[1] 0.08291456

Iliac vs L4 p-value:[1] 0.06435007

L5 vs L4 p-value:[1] 0.8107226
```

2Y. SF36 - MCS - sd

All

[1] 12.09

Iliac

[1] 12.22

L5

[1] 12.92

L4

[1] 10.27

5Y. SF36 - MCS - mean

All

[1] 46.33

Iliac

[1] 44.69

L5

[1] 47.91

L4

[1] 49.95

Iliac vs L5 p-value:[1] 0.2229141

Iliac vs L4 p-value:[1] 0.02533018

L5 vs L4 p-value:[1] 0.493106

5Y. SF36 - MCS - sd

All

[1] 11.97

Iliac

[1] 12.39

L5

[1] 11.52

L4

[1] 10.32

SF36 - MCS tests all

Preop vs 6m p-value

0.000247969

Preop vs 2y p-value

0.0001097162

Preop vs 5y p-value
0.0003053667

6m vs 2y p-value
0.8950107

2y vs 5y p-value
0.9666947

6w vs 5y p-value
0.9331485

SF36 - MCS tests Iliac
Preop vs 6m p-value
0.001670068

Preop vs 2y p-value
0.009452938

Preop vs 5y p-value
0.01927195

6m vs 2y p-value
0.5581037

2y vs 5y p-value
0.9395763

6m vs 5y p-value
0.5339496

SF36 - MCS tests L5
Preop vs 6m p-value
0.5507323

Preop vs 2y p-value
0.1471907

Preop vs 5y p-value
0.3068772

6m vs 2y p-value
0.4058477

2y vs 5y p-value
0.6684579

6m vs 5y p-value
0.6817864

SF36 - MCS tests L4
Preop vs 6m p-value

0.03418689

Preop vs 2y p-value
0.00578402

Preop vs 5y p-value
0.002241572

6m vs 2y p-value
0.6340395

2y vs 5y p-value
0.598396

6m vs 5y p-value
0.3519881

Change Quality of Life

6M. ODI - Score (%) - mean

All

[1] -10.44

Iliac

[1] -12.61

L5

[1] -12.22

L4

[1] -2.03

Iliac vs L5 p-value:[1] 0.9007769

Iliac vs L4 p-value:[1] 0.004877322

L5 vs L4 p-value:[1] 0.01432734

6M. ODI - Score (%) - sd

All

[1] 18.4

Iliac

[1] 18.92

L5

[1] 13.28

L4

[1] 18.23

1Y. ODI - Score (%) - mean

All

[1] -12.94

Iliac

[1] -14.61

L5

[1] -10.69

L4

[1] -9.5

Iliac vs L5 p-value:[1] 0.191524

Iliac vs L4 p-value:[1] 0.102444

L5 vs L4 p-value:[1] 0.7457611

1Y. ODI - Score (%) - sd

All

[1] 15.78

Iliac

[1] 16.31

L5

[1] 13.53

L4

[1] 15.46

2Y. ODI - Score (%) - mean

All

[1] -10.09

Iliac

[1] -10.55

L5

[1] -11.38

L4

[1] -7.62

Iliac vs L5 p-value:[1] 0.8021931

Iliac vs L4 p-value:[1] 0.3714672

L5 vs L4 p-value:[1] 0.3331432

2Y. ODI - Score (%) - sd

All

[1] 17.92

Iliac

[1] 19.08

L5

[1] 15.56

L4

[1] 16.39

5Y. ODI - Score (%) - mean

All

[1] -8.56

Iliac

[1] -9.02

L5

[1] -10.56

L4

[1] -5.57

Iliac vs L5 p-value:[1] 0.6402625

Iliac vs L4 p-value:[1] 0.3081141

L5 vs L4 p-value:[1] 0.1610953

5Y. ODI - Score (%) - sd

All

[1] 17.84

Iliac

[1] 20.32

L5

[1] 12.1

L4

[1] 13.95

ODI - Score (%) tests all

Preop vs 6m p-value

4.328714e-85

Preop vs 2y p-value
3.752408e-88

Preop vs 5y p-value
5.090871e-74

6m vs 2y p-value
0.8589809

2y vs 5y p-value
0.4479337

6w vs 5y p-value
0.3638175

ODI - Score (%) tests Iliac
Preop vs 6m p-value
7.821787e-63

Preop vs 2y p-value
2.611718e-60

Preop vs 5y p-value
2.326155e-45

6m vs 2y p-value
0.4211605

2y vs 5y p-value
0.5949974

6m vs 5y p-value
0.2098768

ODI - Score (%) tests L5
Preop vs 6m p-value
1.019634e-18

Preop vs 2y p-value
1.817057e-18

Preop vs 5y p-value
3.277179e-18

6m vs 2y p-value
0.8222735

2y vs 5y p-value
0.8247399

6m vs 5y p-value
0.6387815

ODI - Score (%) tests L4

Preop vs 6m p-value

1.232744e-09

Preop vs 2y p-value

3.255027e-13

Preop vs 5y p-value

2.395978e-12

6m vs 2y p-value

0.1799994

2y vs 5y p-value

0.5813516

6m vs 5y p-value

0.383844

6M. SRS22 - Function / Activity - mean

All

[1] 0.21

Iliac

[1] 0.28

L5

[1] 0.25

L4

[1] -0.08

Iliac vs L5 p-value:[1] 0.8492281

Iliac vs L4 p-value:[1] 0.0197574

L5 vs L4 p-value:[1] 0.08115846

6M. SRS22 - Function / Activity - sd

All

[1] 0.78

Iliac

[1] 0.78

L5

[1] 0.68

L4

[1] 0.77

1Y. SRS22 - Function / Activity - mean

All

[1] 0.34

Iliac

[1] 0.36

L5

[1] 0.22

L4

[1] 0.41

Iliac vs L5 p-value:[1] 0.4125685

Iliac vs L4 p-value:[1] 0.6941876

L5 vs L4 p-value:[1] 0.3376403

1Y. SRS22 - Function / Activity - sd

All

[1] 0.7

Iliac

[1] 0.65

L5

[1] 0.82

L4

[1] 0.74

2Y. SRS22 - Function / Activity - mean

All

[1] 0.41

Iliac

[1] 0.4

L5

[1] 0.39

L4

[1] 0.48

Iliac vs L5 p-value:[1] 0.954746

Iliac vs L4 p-value:[1] 0.5280876

L5 vs L4 p-value:[1] 0.5942273

2Y. SRS22 - Function / Activity - sd

All

[1] 0.73

Iliac

[1] 0.74

L5

[1] 0.73

L4

[1] 0.72

5Y. SRS22 - Function / Activity - mean

All

[1] 0.42

Iliac

[1] 0.42

L5

[1] 0.55

L4

[1] 0.29

Iliac vs L5 p-value:[1] 0.4643823

Iliac vs L4 p-value:[1] 0.4059952

L5 vs L4 p-value:[1] 0.1870449

5Y. SRS22 - Function / Activity - sd

All

[1] 0.81

Iliac

[1] 0.86

L5

[1] 0.72

L4

[1] 0.73

SRS22 - Function / Activity tests all

Preop vs 6m p-value

2.384192e-108

Preop vs 2y p-value
7.597769e-106

Preop vs 5y p-value
1.83908e-85

6m vs 2y p-value
0.01078278

2y vs 5y p-value
0.9581012

6w vs 5y p-value
0.01942324

SRS22 - Function / Activity tests Iliac
Preop vs 6m p-value
1.560716e-66

Preop vs 2y p-value
3.842068e-67

Preop vs 5y p-value
6.844707e-48

6m vs 2y p-value
0.2666763

2y vs 5y p-value
0.8143292

6m vs 5y p-value
0.2364275

SRS22 - Function / Activity tests L5
Preop vs 6m p-value
1.213738e-19

Preop vs 2y p-value
2.175958e-19

Preop vs 5y p-value
6.506587e-17

6m vs 2y p-value
0.4836816

2y vs 5y p-value
0.4159565

6m vs 5y p-value
0.1379359

SRS22 - Function / Activity tests L4

Preop vs 6m p-value

3.54142e-26

Preop vs 2y p-value

6.859846e-23

Preop vs 5y p-value

8.807624e-23

6m vs 2y p-value

0.00228361

2y vs 5y p-value

0.2780479

6m vs 5y p-value

0.05466702

6M. SRS22 - Pain - mean

All

[1] 0.94

Iliac

[1] 1.03

L5

[1] 1.03

L4

[1] 0.59

Iliac vs L5 p-value:[1] 0.9767019

Iliac vs L4 p-value:[1] 0.02195442

L5 vs L4 p-value:[1] 0.04832091

6M. SRS22 - Pain - sd

All

[1] 0.97

Iliac

[1] 1.01

L5

[1] 0.77

L4

[1] 0.94

1Y. SRS22 - Pain - mean

All

[1] 1.03

Iliac

[1] 1.06

L5

[1] 1.01

L4

[1] 0.97

Iliac vs L5 p-value:[1] 0.8264832

Iliac vs L4 p-value:[1] 0.6170227

L5 vs L4 p-value:[1] 0.8538117

1Y. SRS22 - Pain - sd

All

[1] 0.91

Iliac

[1] 0.92

L5

[1] 0.96

L4

[1] 0.87

2Y. SRS22 - Pain - mean

All

[1] 0.95

Iliac

[1] 1

L5

[1] 0.84

L4

[1] 0.89

Iliac vs L5 p-value:[1] 0.3148547

Iliac vs L4 p-value:[1] 0.568458

L5 vs L4 p-value:[1] 0.825358

2Y. SRS22 - Pain - sd

All

[1] 0.99

Iliac

[1] 1.05

L5

[1] 0.68

L4

[1] 1.04

5Y. SRS22 - Pain - mean

All

[1] 0.71

Iliac

[1] 0.77

L5

[1] 0.67

L4

[1] 0.59

Iliac vs L5 p-value:[1] 0.6636087

Iliac vs L4 p-value:[1] 0.4020501

L5 vs L4 p-value:[1] 0.73968

5Y. SRS22 - Pain - sd

All

[1] 1.06

Iliac

[1] 1.17

L5

[1] 0.87

L4

[1] 0.87

SRS22 - Pain tests all

Preop vs 6m p-value

3.2991e-39

Preop vs 2y p-value
1.471621e-39

Preop vs 5y p-value
1.521887e-39

6m vs 2y p-value
0.9394488

2y vs 5y p-value
0.04108226

6w vs 5y p-value
0.04935598

SRS22 - Pain tests Iliac
Preop vs 6m p-value
1.672698e-21

Preop vs 2y p-value
9.726968e-22

Preop vs 5y p-value
4.993272e-20

6m vs 2y p-value
0.8282645

2y vs 5y p-value
0.1434295

6m vs 5y p-value
0.09615701

SRS22 - Pain tests L5
Preop vs 6m p-value
4.416051e-07

Preop vs 2y p-value
1.367871e-09

Preop vs 5y p-value
4.956333e-09

6m vs 2y p-value
0.3250115

2y vs 5y p-value
0.4332596

6m vs 5y p-value
0.1202705

SRS22 - Pain tests L4

Preop vs 6m p-value

1.983381e-14

Preop vs 2y p-value

7.35608e-12

Preop vs 5y p-value

2.844933e-14

6m vs 2y p-value

0.2067129

2y vs 5y p-value

0.2162996

6m vs 5y p-value

0.9680039

6M. SRS22 - Self image / Appearance - mean

All

[1] 1.26

Iliac

[1] 1.3

L5

[1] 1.26

L4

[1] 1.11

Iliac vs L5 p-value:[1] 0.8502671

Iliac vs L4 p-value:[1] 0.2859029

L5 vs L4 p-value:[1] 0.5285305

6M. SRS22 - Self image / Appearance - sd

All

[1] 0.95

Iliac

[1] 0.98

L5

[1] 0.94

L4

[1] 0.88

1Y. SRS22 - Self image / Appearance - mean

All

[1] 1.28

Iliac

[1] 1.32

L5

[1] 1.2

L4

[1] 1.24

Iliac vs L5 p-value:[1] 0.5257974

Iliac vs L4 p-value:[1] 0.6643438

L5 vs L4 p-value:[1] 0.8640096

1Y. SRS22 - Self image / Appearance - sd

All

[1] 0.85

Iliac

[1] 0.83

L5

[1] 0.88

L4

[1] 0.92

2Y. SRS22 - Self image / Appearance - mean

All

[1] 1.19

Iliac

[1] 1.19

L5

[1] 1.16

L4

[1] 1.21

Iliac vs L5 p-value:[1] 0.8718349

Iliac vs L4 p-value:[1] 0.8795811

L5 vs L4 p-value:[1] 0.7963428

2Y. SRS22 - Self image / Appearance - sd

All

[1] 0.96

Iliac

[1] 1

L5

[1] 0.83

L4

[1] 0.96

5Y. SRS22 - Self image / Appearance - mean

All

[1] 1.06

Iliac

[1] 1.08

L5

[1] 0.98

L4

[1] 1.06

Iliac vs L5 p-value:[1] 0.5740234

Iliac vs L4 p-value:[1] 0.9010398

L5 vs L4 p-value:[1] 0.664491

5Y. SRS22 - Self image / Appearance - sd

All

[1] 0.95

Iliac

[1] 1.08

L5

[1] 0.76

L4

[1] 0.69

SRS22 - Self image / Appearance tests all

Preop vs 6m p-value

8.600779e-22

Preop vs 2y p-value
2.569e-25

Preop vs 5y p-value
2.912861e-26

6m vs 2y p-value
0.4898813

2y vs 5y p-value
0.2279028

6w vs 5y p-value
0.06524635

SRS22 - Self image / Appearance tests Iliac
Preop vs 6m p-value
2.241846e-10

Preop vs 2y p-value
4.820228e-13

Preop vs 5y p-value
1.225383e-11

6m vs 2y p-value
0.3830614

2y vs 5y p-value
0.4819477

6m vs 5y p-value
0.1395131

SRS22 - Self image / Appearance tests L5
Preop vs 6m p-value
3.554048e-05

Preop vs 2y p-value
3.592218e-07

Preop vs 5y p-value
1.209604e-08

6m vs 2y p-value
0.6628199

2y vs 5y p-value
0.3961741

6m vs 5y p-value
0.2332158

SRS22 - Self image / Appearance tests L4
Preop vs 6m p-value
6.05631e-10

Preop vs 2y p-value
9.22846e-09

Preop vs 5y p-value
1.689216e-11

6m vs 2y p-value
0.638215

2y vs 5y p-value
0.4509623

6m vs 5y p-value
0.7984539

6M. SRS22 - Mental health - mean
All
[1] 0.45
Iliac
[1] 0.51

L5
[1] 0.39

L4
[1] 0.31

Iliac vs L5 p-value:[1] 0.549775

Iliac vs L4 p-value:[1] 0.2042915

L5 vs L4 p-value:[1] 0.7026668

6M. SRS22 - Mental health - sd
All
[1] 0.83
Iliac
[1] 0.83

L5
[1] 0.89

L4
[1] 0.79

1Y. SRS22 - Mental health - mean

All

[1] 0.53

Iliac

[1] 0.59

L5

[1] 0.28

L4

[1] 0.53

Iliac vs L5 p-value:[1] 0.09285282

Iliac vs L4 p-value:[1] 0.7437217

L5 vs L4 p-value:[1] 0.235664

1Y. SRS22 - Mental health - sd

All

[1] 0.82

Iliac

[1] 0.8

L5

[1] 0.87

L4

[1] 0.81

2Y. SRS22 - Mental health - mean

All

[1] 0.39

Iliac

[1] 0.4

L5

[1] 0.33

L4

[1] 0.41

Iliac vs L5 p-value:[1] 0.6739533

Iliac vs L4 p-value:[1] 0.9229064

L5 vs L4 p-value:[1] 0.684237

2Y. SRS22 - Mental health - sd

All

[1] 0.8

Iliac

[1] 0.8

L5

[1] 0.73

L4

[1] 0.89

5Y. SRS22 - Mental health - mean

All

[1] 0.38

Iliac

[1] 0.4

L5

[1] 0.2

L4

[1] 0.45

Iliac vs L5 p-value:[1] 0.285243

Iliac vs L4 p-value:[1] 0.7933995

L5 vs L4 p-value:[1] 0.2970799

5Y. SRS22 - Mental health - sd

All

[1] 0.83

Iliac

[1] 0.77

L5

[1] 0.87

L4

[1] 0.95

SRS22 - Mental health tests all

Preop vs 6m p-value

6.122341e-93

Preop vs 2y p-value
6.280473e-100

Preop vs 5y p-value
2.661955e-87

6m vs 2y p-value
0.478578

2y vs 5y p-value
0.9070946

6w vs 5y p-value
0.4395304

SRS22 - Mental health tests Iliac
Preop vs 6m p-value
3.979478e-55

Preop vs 2y p-value
5.065735e-60

Preop vs 5y p-value
1.030843e-53

6m vs 2y p-value
0.3051097

2y vs 5y p-value
0.9406761

6m vs 5y p-value
0.3645364

SRS22 - Mental health tests L5
Preop vs 6m p-value
6.653421e-17

Preop vs 2y p-value
6.221517e-21

Preop vs 5y p-value
1.714679e-18

6m vs 2y p-value
0.7838214

2y vs 5y p-value
0.5439076

6m vs 5y p-value
0.4342181

SRS22 - Mental health tests L4

Preop vs 6m p-value

1.651371e-23

Preop vs 2y p-value

3.563649e-22

Preop vs 5y p-value

3.963381e-18

6m vs 2y p-value

0.5995342

2y vs 5y p-value

0.8502861

6m vs 5y p-value

0.5036145

6M. SRS22 - SRS Subtotal score - mean

All

[1] 0.71

Iliac

[1] 0.78

L5

[1] 0.72

L4

[1] 0.48

Iliac vs L5 p-value:[1] 0.6603461

Iliac vs L4 p-value:[1] 0.02508249

L5 vs L4 p-value:[1] 0.1540881

6M. SRS22 - SRS Subtotal score - sd

All

[1] 0.64

Iliac

[1] 0.63

L5

[1] 0.61

L4

[1] 0.67

1Y. SRS22 - SRS Subtotal score - mean

All

[1] 0.8

Iliac

[1] 0.83

L5

[1] 0.66

L4

[1] 0.79

Iliac vs L5 p-value:[1] 0.2547526

Iliac vs L4 p-value:[1] 0.7015189

L5 vs L4 p-value:[1] 0.4972457

1Y. SRS22 - SRS Subtotal score - sd

All

[1] 0.61

Iliac

[1] 0.56

L5

[1] 0.74

L4

[1] 0.66

2Y. SRS22 - SRS Subtotal score - mean

All

[1] 0.73

Iliac

[1] 0.74

L5

[1] 0.67

L4

[1] 0.75

Iliac vs L5 p-value:[1] 0.6069546

Iliac vs L4 p-value:[1] 0.9351022

L5 vs L4 p-value:[1] 0.64244

2Y. SRS22 - SRS Subtotal score - sd

All

[1] 0.68

Iliac

[1] 0.68

L5

[1] 0.58

L4

[1] 0.74

5Y. SRS22 - SRS Subtotal score - mean

All

[1] 0.64

Iliac

[1] 0.67

L5

[1] 0.58

L4

[1] 0.6

Iliac vs L5 p-value:[1] 0.5329861

Iliac vs L4 p-value:[1] 0.6130177

L5 vs L4 p-value:[1] 0.9193134

5Y. SRS22 - SRS Subtotal score - sd

All

[1] 0.68

Iliac

[1] 0.74

L5

[1] 0.57

L4

[1] 0.61

SRS22 - SRS Subtotal score tests all

Preop vs 6m p-value

7.008766e-91

Preop vs 2y p-value
1.317093e-89

Preop vs 5y p-value
3.217058e-81

6m vs 2y p-value
0.7674981

2y vs 5y p-value
0.2327752

6w vs 5y p-value
0.3533889

SRS22 - SRS Subtotal score tests Iliac
Preop vs 6m p-value
4.705726e-56

Preop vs 2y p-value
4.507839e-55

Preop vs 5y p-value
1.489525e-43

6m vs 2y p-value
0.6526021

2y vs 5y p-value
0.496355

6m vs 5y p-value
0.27389

SRS22 - SRS Subtotal score tests L5
Preop vs 6m p-value
1.799422e-16

Preop vs 2y p-value
1.483514e-18

Preop vs 5y p-value
1.940678e-18

6m vs 2y p-value
0.7836337

2y vs 5y p-value
0.5580771

6m vs 5y p-value
0.4139934

SRS22 - SRS Subtotal score tests L4

Preop vs 6m p-value

1.508858e-22

Preop vs 2y p-value

7.410169e-20

Preop vs 5y p-value

3.135302e-21

6m vs 2y p-value

0.1100296

2y vs 5y p-value

0.3679011

6m vs 5y p-value

0.4516338

6M. SRS22 - Satisfaction with management - mean

All

[1] 1.39

Iliac

[1] 1.57

L5

[1] 1.17

L4

[1] 1.12

Iliac vs L5 p-value:[1] 0.3939341

Iliac vs L4 p-value:[1] 0.2822104

L5 vs L4 p-value:[1] 0.9220041

6M. SRS22 - Satisfaction with management - sd

All

[1] 1.42

Iliac

[1] 1.45

L5

[1] 1.53

L4

[1] 1.21

1Y. SRS22 - Satisfaction with management - mean

All

[1] 1.31

Iliac

[1] 1.62

L5

[1] 1.06

L4

[1] 0.67

Iliac vs L5 p-value:[1] 0.171071

Iliac vs L4 p-value:[1] 0.08580532

L5 vs L4 p-value:[1] 0.5028019

1Y. SRS22 - Satisfaction with management - sd

All

[1] 1.4

Iliac

[1] 1.28

L5

[1] 1.34

L4

[1] 1.64

2Y. SRS22 - Satisfaction with management - mean

All

[1] 1.09

Iliac

[1] 1.19

L5

[1] 0.81

L4

[1] 1.15

Iliac vs L5 p-value:[1] 0.4637649

Iliac vs L4 p-value:[1] 0.9164268

L5 vs L4 p-value:[1] 0.5241052

2Y. SRS22 - Satisfaction with management - sd

All

[1] 1.5

Iliac

[1] 1.54

L5

[1] 1.78

L4

[1] 1.03

5Y. SRS22 - Satisfaction with management - mean

All

[1] 0.89

Iliac

[1] 1.09

L5

[1] 0.75

L4

[1] 0.5

Iliac vs L5 p-value:[1] 0.3892767

Iliac vs L4 p-value:[1] 0.2219936

L5 vs L4 p-value:[1] 0.6368838

5Y. SRS22 - Satisfaction with management - sd

All

[1] 1.29

Iliac

[1] 1.27

L5

[1] 1.29

L4

[1] 1.36

SRS22 - Satisfaction with management tests all

Preop vs 6m p-value

5.666736e-10

Preop vs 2y p-value
3.981133e-12

Preop vs 5y p-value
1.70334e-15

6m vs 2y p-value
0.2521827

2y vs 5y p-value
0.4221493

6w vs 5y p-value
0.04284089

SRS22 - Satisfaction with management tests Iliac
Preop vs 6m p-value
0.001244865

Preop vs 2y p-value
4.565908e-05

Preop vs 5y p-value
2.666395e-06

6m vs 2y p-value
0.2896682

2y vs 5y p-value
0.7690169

6m vs 5y p-value
0.1513343

SRS22 - Satisfaction with management tests L5
Preop vs 6m p-value
0.0002804219

Preop vs 2y p-value
0.0001171382

Preop vs 5y p-value
2.489311e-06

6m vs 2y p-value
0.5563214

2y vs 5y p-value
0.9102554

6m vs 5y p-value
0.4213248

SRS22 - Satisfaction with management tests L4

Preop vs 6m p-value

3.802284e-05

Preop vs 2y p-value

1.643359e-05

Preop vs 5y p-value

1.581219e-05

6m vs 2y p-value

0.9311644

2y vs 5y p-value

0.2066644

6m vs 5y p-value

0.2590371

6M. SF36 - PCS - mean

All

[1] 4.63

Iliac

[1] 5.23

L5

[1] 4.42

L4

[1] 2.91

Iliac vs L5 p-value:[1] 0.6577845

Iliac vs L4 p-value:[1] 0.1563604

L5 vs L4 p-value:[1] 0.482632

6M. SF36 - PCS - sd

All

[1] 8.62

Iliac

[1] 8.79

L5

[1] 8.6

L4

[1] 8.04

```

1Y. SF36 - PCS - mean
All
[1] 5.73
Iliac
[1] 6.04

L5
[1] 4.23

L4
[1] 6.02

Iliac vs L5 p-value:[1] 0.3219221

Iliac vs L4 p-value:[1] 0.9890051

L5 vs L4 p-value:[1] 0.4010004


1Y. SF36 - PCS - sd
All
[1] 8.2
Iliac
[1] 8.17

L5
[1] 8.8

L4
[1] 7.87


2Y. SF36 - PCS - mean
All
[1] 6.12
Iliac
[1] 6.56

L5
[1] 5.94

L4
[1] 4.95

Iliac vs L5 p-value:[1] 0.7344353

Iliac vs L4 p-value:[1] 0.3824247

```

L5 vs L4 p-value:[1] 0.6505647

2Y. SF36 - PCS - sd

All

[1] 9.65

Iliac

[1] 10

L5

[1] 8.68

L4

[1] 9.53

5Y. SF36 - PCS - mean

All

[1] 4.8

Iliac

[1] 5.18

L5

[1] 4.94

L4

[1] 3.54

Iliac vs L5 p-value:[1] 0.9140477

Iliac vs L4 p-value:[1] 0.4119997

L5 vs L4 p-value:[1] 0.5778044

5Y. SF36 - PCS - sd

All

[1] 10.18

Iliac

[1] 10.9

L5

[1] 9.54

L4

[1] 8.59

SF36 - PCS tests all

Preop vs 6m p-value

2.362853e-110

Preop vs 2y p-value
7.616717e-100

Preop vs 5y p-value
2.010254e-82

6m vs 2y p-value
0.1301442

2y vs 5y p-value
0.2411605

6w vs 5y p-value
0.8776044

SF36 - PCS tests Iliac
Preop vs 6m p-value
1.619568e-66

Preop vs 2y p-value
1.938001e-57

Preop vs 5y p-value
1.980851e-44

6m vs 2y p-value
0.3003365

2y vs 5y p-value
0.3632131

6m vs 5y p-value
0.9707137

SF36 - PCS tests L5
Preop vs 6m p-value
2.967979e-19

Preop vs 2y p-value
1.911201e-19

Preop vs 5y p-value
2.744816e-16

6m vs 2y p-value
0.4966057

2y vs 5y p-value
0.6824762

6m vs 5y p-value
0.8359978

SF36 - PCS tests L4
Preop vs 6m p-value
1.033708e-27

Preop vs 2y p-value
1.955823e-25

Preop vs 5y p-value
1.895744e-24

6m vs 2y p-value
0.3323232

2y vs 5y p-value
0.5326009

6m vs 5y p-value
0.76461

6M. SF36 - MCS - mean
All
[1] 4.48
Iliac
[1] 4.67

L5
[1] 1.71

L4
[1] 6.18

Iliac vs L5 p-value:[1] 0.2180695

Iliac vs L4 p-value:[1] 0.5406523

L5 vs L4 p-value:[1] 0.1339889

6M. SF36 - MCS - sd
All
[1] 12.35
Iliac
[1] 12.7

L5
[1] 10.69

L4
[1] 12.46

1Y. SF36 - MCS - mean

All

[1] 5.03

Iliac

[1] 4.93

L5

[1] 1.6

L4

[1] 8.28

Iliac vs L5 p-value:[1] 0.146002

Iliac vs L4 p-value:[1] 0.139672

L5 vs L4 p-value:[1] 0.01691969

1Y. SF36 - MCS - sd

All

[1] 11.82

Iliac

[1] 12.19

L5

[1] 10.44

L4

[1] 11.13

2Y. SF36 - MCS - mean

All

[1] 4.65

Iliac

[1] 3.93

L5

[1] 3.96

L4

[1] 7.38

Iliac vs L5 p-value:[1] 0.9873552

Iliac vs L4 p-value:[1] 0.1749525

L5 vs L4 p-value:[1] 0.2634265

2Y. SF36 - MCS - sd

All

[1] 12.26

Iliac

[1] 11.96

L5

[1] 11.54

L4

[1] 13.64

5Y. SF36 - MCS - mean

All

[1] 4.06

Iliac

[1] 3.26

L5

[1] 2.82

L4

[1] 7.49

Iliac vs L5 p-value:[1] 0.8706673

Iliac vs L4 p-value:[1] 0.1721727

L5 vs L4 p-value:[1] 0.2031249

5Y. SF36 - MCS - sd

All

[1] 12.59

Iliac

[1] 11.94

L5

[1] 11.74

L4

[1] 14.86

SF36 - MCS tests all

Preop vs 6m p-value

2.099791e-93

Preop vs 2y p-value
1.517866e-96

Preop vs 5y p-value
9.087976e-82

6m vs 2y p-value
0.9004328

2y vs 5y p-value
0.6763754

6w vs 5y p-value
0.7678244

SF36 - MCS tests Iliac
Preop vs 6m p-value
1.089638e-56

Preop vs 2y p-value
1.68197e-61

Preop vs 5y p-value
1.46059e-53

6m vs 2y p-value
0.6595223

2y vs 5y p-value
0.6997896

6m vs 5y p-value
0.4312232

SF36 - MCS tests L5
Preop vs 6m p-value
8.018381e-21

Preop vs 2y p-value
3.374977e-20

Preop vs 5y p-value
3.708622e-18

6m vs 2y p-value
0.4367991

2y vs 5y p-value
0.715407

6m vs 5y p-value
0.7221

SF36 - MCS tests L4
Preop vs 6m p-value
7.87369e-19

Preop vs 2y p-value
7.373027e-18

Preop vs 5y p-value
7.601563e-14

6m vs 2y p-value
0.6997293

2y vs 5y p-value
0.9748814

6m vs 5y p-value
0.7084871

Surgery

Total Operative Blood Loss st1+st2+st3 - mean

All

[1] 1771.34

Iliac

[1] 2018.91

L5

[1] 1502.74

L4

[1] 1174.57

Iliac vs L5 p-value:[1] 0.02729944

Iliac vs L4 p-value:[1] 2.311341e-05

L5 vs L4 p-value:[1] 0.1526067

Total Operative Blood Loss st1+st2+st3 - sd

All

[1] 1349.75

Iliac

[1] 1488.52

L5

[1] 1020

L4

[1] 786.15

Total surgical time st1+st2+st3 - mean

All

[1] 310.56

Iliac

[1] 304.79

L5

[1] 371.32

L4

[1] 275.29

Iliac vs L5 p-value:[1] 0.104178

Iliac vs L4 p-value:[1] 0.2754862

L5 vs L4 p-value:[1] 0.03218806

Total surgical time st1+st2+st3 - sd

All

[1] 170.94

Iliac

[1] 162.29

L5

[1] 217.99

L4

[1] 139.42

Number of Posterior Instrumented Levels - mean

All

[1] 10.48

Iliac

[1] 10.87

L5

[1] 9.5

L4

[1] 10.08

Iliac vs L5 p-value:[1] 0.08626246

Iliac vs L4 p-value:[1] 0.2123723

L5 vs L4 p-value:[1] 0.5236054

Number of Posterior Instrumented Levels - sd

All

[1] 3.63

Iliac

[1] 3.51

L5

[1] 4.19

L4

[1] 3.37

Pelvic fixation - table

All

variable

No Yes

72 126

Iliac

variable

Yes

126

L5

variable

No

34

L4

variable

No

38

Pelvic fixation - proportion

All

variable

No Yes

0.3636364 0.6363636

Iliac

variable

Yes

1

L5

variable

No

1

L4
variable
No
1

Surgical Approach - table

All

variable

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
3	184	10	1

Iliac

variable

Anterior-Posterior	Posterior	Posterior-Anterior
2	114	10

L5

variable

Anterior-Posterior	Posterior	Posterior-Posterior
1	32	1

L4

variable

Posterior
38

Surgical Approach - proportion

All

variable

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
0.015151515	0.929292929	0.050505051	0.005050505

Iliac

variable

Anterior-Posterior	Posterior	Posterior-Anterior
0.01587302	0.90476190	0.07936508

L5

variable

Anterior-Posterior	Posterior	Posterior-Posterior
0.02941176	0.94117647	0.02941176

L4

variable

Posterior
1

Number of Interbody Fusions - mean

All

[1] 0.97

Iliac

[1] 1.18

L5

[1] 1

L4

[1] 0.24

Iliac vs L5 p-value:[1] 0.5100683

Iliac vs L4 p-value:[1] 1.034633e-09

L5 vs L4 p-value:[1] 0.006254776

Number of Interbody Fusions - sd

All

[1] 1.27

Iliac

[1] 1.29

L5

[1] 1.46

L4

[1] 0.54

Decompression - table

All

variable

No Yes

152 46

Iliac

variable

No Yes

96 30

L5

variable

No Yes

25 9

L4

variable

No Yes

31 7

Decompression - proportion

All

variable

	No	Yes
0.7676768	0.2323232	

Iliac

variable

	No	Yes
0.7619048	0.2380952	

L5

variable

	No	Yes
0.7352941	0.2647059	

L4

variable

	No	Yes
0.8157895	0.1842105	

Interbody Fusion - table

All

variable

	No	Yes
97	101	

97 101

Iliac

variable

	No	Yes
48	78	

48 78

L5

variable

	No	Yes
18	16	

18 16

L4

variable

	No	Yes
31	7	

31 7

Interbody Fusion - proportion

All

variable

	No	Yes
0.489899	0.510101	

0.489899 0.510101

Iliac

variable

	No	Yes
0.3809524	0.6190476	

0.3809524 0.6190476

L5

variable

	No	Yes
0.5294118	0.4705882	

0.5294118 0.4705882

L4
variable
No Yes
0.8157895 0.1842105

Osteotomy - table
All
variable
No Yes
91 107
Iliac
variable
No Yes
49 77

L5
variable
No Yes
22 12

L4
variable
No Yes
20 18

Osteotomy - proportion
All
variable
No Yes
0.459596 0.540404
Iliac
variable
No Yes
0.3888889 0.6111111

L5
variable
No Yes
0.6470588 0.3529412

L4
variable
No Yes
0.5263158 0.4736842

3C0 - table
All
variable
No Yes
154 44

```
Iliac
variable
  No Yes
  93  33
```

```
L5
variable
  No Yes
  28   6
```

```
L4
variable
  No Yes
  33   5
```

```
3C0 - proportion
All
variable
  No      Yes
0.7777778 0.2222222
Iliac
variable
  No      Yes
0.7380952 0.2619048
```

```
L5
variable
  No      Yes
0.8235294 0.1764706
```

```
L4
variable
  No      Yes
0.8684211 0.1315789
```

Before 2Y

Reinterventions

```
      group reiqs patients total
1: Iliac      74         39    126
2:  L4        3          3     38
3:  L5       19         10     34
4:  all      96         52    198
```

```
      p_val_all_Iliac p_val_all_L5 p_val_all_L4 p_val_Iliac_L5 p_val_Iliac_L4
1:          0.4302      0.8622      0.0249          1          0.0082
      p_val_L5_L4
1:          0.0391
```

Impacts

	Complication	Impact	all_num	all_patients	Iliac_num	Iliac_patients	L5_num		
1:		0	1	1	1	1	0		
2:	Adverse Event		1	1	0	0	1		
3:	Major Complication		113	61	86	46	23		
4:	Minor Complication		115	79	93	61	16		
	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4	p_val_all_Iliac	p_val_all_L5
1:	0	0	0	198	126	34	38	1.0000	1.0000
2:	1	0	0	198	126	34	38	1.0000	0.6778
3:	12	4	3	198	126	34	38	0.3460	0.7486
4:	12	6	6	198	126	34	38	0.1636	0.7505
	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4	p_val_L5_L4					
1:	1.0000	1.0000	1.0000	NaN					
2:	1.0000	0.4808	NaN	0.9553					
3:	0.0067	1.0000	0.0015	0.0102					
4:	0.0080	0.2425	0.0007	0.1019					

Categories

	Category of the complication					all_num	all_patients	Iliac_num			
1:	Iatrogenic					9		9	5		
2:	Infectious complications					17		15	9		
3:	Mechanical complications					114		78	95		
4:	Other complications					56		35	44		
5:	Pain					7		6	5		
6:	Peripheral neurologic complications					27		24	22		
	Iliac_patients	L5_num	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4		
1:	5	3	3	1	1	198	126	34	38		
2:	9	7	5	1	1	198	126	34	38		
3:	63	15	11	4	4	198	126	34	38		
4:	25	9	7	3	3	198	126	34	38		
5:	5	2	1	0	0	198	126	34	38		
6:	19	4	4	1	1	198	126	34	38		
	p_val_all_Iliac	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4						
1:	1.0000	0.5343	0.9228	0.4781	1.0000						
2:	1.0000	0.2994	0.4483	0.2969	0.5274						
3:	0.0780	0.5558	0.0012	0.1015	0.0000						
4:	0.7321	0.8680	0.2070	1.0000	0.1417						
5:	0.8888	1.0000	0.6000	1.0000	0.4784						
6:	0.5504	1.0000	0.1461	0.8310	0.0763						
	p_val_L5_L4										
1:	0.5288										
2:	0.1546										
3:	0.0470										
4:	0.2249										
5:	0.9553										
6:	0.2902										

Categories Major Complications

Category of the complication all_num all_patients Iliac_num

1:		Iatrogenic	6	6	3
2:		Infectious complications	15	13	8
3:		Mechanical complications	61	41	52
4:		Other complications	18	14	16
5:		Pain	5	4	3
6:	Peripheral neurologic complications		8	8	4

	Iliac_patients	L5_num	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4
1:	3	2	2	1	1	198	126	34	38
2:	8	6	4	1	1	198	126	34	38
3:	34	9	7	0	0	198	126	34	38
4:	12	1	1	1	1	198	126	34	38
5:	3	2	1	0	0	198	126	34	38
6:	4	3	3	1	1	198	126	34	38

	p_val_all_Iliac	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4
1:	1.0000	0.7389	1.0000	0.6270	1.0000
2:	1.0000	0.4724	0.5718	0.4858	0.6343
3:	0.2417	1.0000	0.0043	0.5914	0.0008
4:	0.5602	0.5981	0.5064	0.3719	0.3002
5:	1.0000	1.0000	0.8433	1.0000	0.7876
6:	0.9199	0.4380	1.0000	0.3387	1.0000

	p_val_L5_L4
1:	0.9216
2:	0.2902
3:	0.0109
4:	1.0000
5:	0.9553
6:	0.5288

Time to surgery

	treatment	mean	sd
1:	Iliac	166.22093	224.7295
2:	L5	84.78947	132.5584
3:	L4	205.44444	310.0275

	Iliac.L5	Iliac.L4	L5.L4
	0.04199757	0.72037404	0.29045831

From 2Y - 5Y

Reinterventions

	group	reiqs	patients	total
1:	Iliac	22	16	126
2:	L4	3	3	38
3:	L5	7	4	34
4:	all	32	23	198

	p_val_all_Iliac	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4
1:	0.9071	1	0.6978	1	0.6018

	p_val_L5_L4
1:	0.8769

Impacts

	Complication	Impact	all_num	all_patients	Iliac_num	Iliac_patients	L5_num		
1:	Adverse Event		1	1	1	1	0		
2:	Major Complication		34	25	23	17	8		
3:	Minor Complication		22	22	20	20	1		
	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4	p_val_all_Iliac	p_val_all_L5
1:	0	0	0	198	126	34	38	1.0000	1.0000
2:	5	3	3	198	126	34	38	0.9549	0.9544
3:	1	1	1	198	126	34	38	0.2827	0.2452
	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4	p_val_L5_L4					
1:	1.0000	1.00	1.0000	NaN					
2:	0.5807	1.00	0.5212	0.5875					
3:	0.1882	0.09	0.0623	1.0000					

Categories

	Category of the complication	all_num	all_patients	Iliac_num	Iliac_patients				
1:	Iatrogenic	2	2	2	2				
2:	Infectious complications	3	2	0	0				
3:	Mechanical complications	49	40	39	32				
4:	Pain	3	3	3	3				
	L5_num	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4	p_val_all_Iliac
1:	0	0	0	0	198	126	34	38	1.0000
2:	2	1	1	1	198	126	34	38	0.6861
3:	7	6	3	2	198	126	34	38	0.3374
4:	0	0	0	0	198	126	34	38	0.8880
	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4	p_val_L5_L4				
1:	1.0000	1.0000	1.0000	1.0000	NaN				
2:	0.9210	0.9786	0.4808	0.5236	1.0000				
3:	0.9105	0.0484	0.4744	0.0141	0.1958				
4:	1.0000	1.0000	0.8447	0.7876	NaN				

Categories Major Complications

	Category of the complication	all_num	all_patients	Iliac_num	Iliac_patients				
1:	Iatrogenic	2	2	2	2				
2:	Infectious complications	3	2	0	0				
3:	Mechanical complications	27	21	19	14				
4:	Pain	2	2	2	2				
	L5_num	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4	p_val_all_Iliac
1:	0	0	0	0	198	126	34	38	1.0000
2:	2	1	1	1	198	126	34	38	0.6861
3:	6	5	2	2	198	126	34	38	1.0000
4:	0	0	0	0	198	126	34	38	1.0000
	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4	p_val_L5_L4				
1:	1.0000	1.0000	1.0000	1.0000	NaN				
2:	0.9210	0.9786	0.4808	0.5236	1.0000				
3:	0.6848	0.4724	0.7823	0.4514	0.3412				
4:	1.0000	1.0000	1.0000	1.0000	NaN				

Time to surgery

	treatment	mean	sd
1:	Iliac	1265.543	332.3367
2:	L5	1071.167	356.0311
3:	L4	1062.333	405.6320

	Iliac.L5	Iliac.L4	L5.L4
	0.2547950	0.4794014	0.9761206

Before 5Y

Reinterventions

	group	reiqs	patients	total
1:	Iliac	96	48	126
2:	L4	6	6	38
3:	L5	26	11	34
4:	all	128	65	198

	p_val_all_Iliac	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4
1:	0.3952	1	0.0568	0.6777	0.0179

	p_val_L5_L4
1:	0.1694

Impacts

	Complication	Impact	all_num	all_patients	Iliac_num	Iliac_patients	L5_num
1:		0	1	1	1	1	0
2:	Adverse Event		2	2	1	1	1
3:	Major Complication		147	73	109	54	31
4:	Minor Complication		137	89	113	70	17

	L5_patients	L4_num	L4_patients	all	Iliac	L5	L4	p_val_all_Iliac	p_val_all_L5
1:	0	0	0	198	126	34	38	1.0000	1.0000
2:	1	0	0	198	126	34	38	1.0000	0.9210
3:	13	7	6	198	126	34	38	0.3372	1.0000
4:	12	7	7	198	126	34	38	0.0805	0.3888

	p_val_all_L4	p_val_Iliac_L5	p_val_Iliac_L4	p_val_L5_L4
1:	1.0000	1.0000	1.0000	NaN
2:	1.0000	0.8962	1.0000	0.9553
3:	0.0196	0.7727	0.0045	0.0588
4:	0.0041	0.0569	0.0001	0.1758

Categories

	Category of the complication	all_num	all_patients	Iliac_num
1:	Iatrogenic	11	11	7
2:	Infectious complications	20	17	9
3:	Mechanical complications	163	98	134
4:	Other complications	56	35	44

5:			Pain	10		9		8
6:	Peripheral neurologic complications			27		24		22
	Iliac_patients	L5_num	L5_patients	L4_num	L4_patients	all	Iliac	L5 L4
1:	7	3	3	1		1 198	126 34 38	
2:	9	9	6	2		2 198	126 34 38	
3:	79	22	13	7		6 198	126 34 38	
4:	25	9	7	3		3 198	126 34 38	
5:	8	2	1	0		0 198	126 34 38	
6:	19	4	4	1		1 198	126 34 38	
	p_val_all_Iliac	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5		p_val_Iliac_L4		
1:	1.0000	0.7267	0.7275	0.7646		0.7612		
2:	0.7977	0.1859	0.7158	0.1252		0.9712		
3:	0.0269	0.3038	0.0003	0.0180		0.0000		
4:	0.7321	0.8680	0.2070	1.0000		0.1417		
5:	0.6496	1.0000	0.3801	0.7293		0.2448		
6:	0.5504	1.0000	0.1461	0.8310		0.0763		
	p_val_L5_L4							
1:	0.5288							
2:	0.1958							
3:	0.0588							
4:	0.2249							
5:	0.9553							
6:	0.2902							

Categories Major Complications

	Category of the complication	all_num	all_patients	Iliac_num
1:	Iatrogenic	8	8	5
2:	Infectious complications	18	15	8
3:	Mechanical complications	88	53	71
4:	Other complications	18	14	16
5:	Pain	7	6	5
6:	Peripheral neurologic complications	8	8	4
	Iliac_patients	L5_num	L5_patients	L4_num
1:	5	2	2	1
2:	8	8	5	2
3:	41	15	10	2
4:	12	1	1	1
5:	5	2	1	0
6:	4	3	3	1
	p_val_all_Iliac	p_val_all_L5	p_val_all_L4	p_val_Iliac_L5
1:	1.0000	0.9749	1.0000	0.9906
2:	0.8436	0.2994	0.8709	0.2191
3:	0.3219	0.9112	0.0078	0.8887
4:	0.5602	0.5981	0.5064	0.3719
5:	0.8888	1.0000	0.6000	1.0000
6:	0.9199	0.4380	1.0000	0.3387
	p_val_Iliac_L4			
1:	0.9216			
2:	0.3412			
3:	0.0152			
4:	1.0000			
5:	0.9553			

6: 0.5288

Time to surgery

	treatment	mean	sd
1:	Iliac	279.17708	410.0593
2:	L5	84.78947	132.5584
3:	L4	419.66667	500.0084

	Iliac.L5	Iliac.L4	L5.L4
	0.0003048521	0.3670286644	0.0424489602