

Clusters Descriptives

\$vars

```
[1] "Weight (kgs)_First Visit"      "Age"
[3] "Sagittal Balance"             "Coronal Balance (C7PL to CSVL)"
[5] "Static Major curve Cobb angle" "Pelvic Tilt"
[7] "ODI - Score (%)"              "SRS22 - Function / Activity"
[9] "SRS22 - Mental health"         "SRS22 - Pain"
[11] "SRS22 - Self image / Appearance" "SRS22 - SRS Subtotal score"
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Initial Patients: 372

Number of patients

```
cluster  N
1:      1 205
2:      2  63
3:      3 104
```

Demographics

	variable	All.mean	1.mean	2.mean	3.mean
Age	Age	52.42	60.46	63.22	30.03
Height (cm)_First Visit	Height (cm)_First Visit	163.08	162.49	161.35	165.28
Weight (kgs)_First Visit	Weight (kgs)_First Visit	65.62	65.10	72.59	62.41
BMI_First Visit	BMI_First Visit	24.69	24.66	27.98	22.75
	p.val_1.2	p.val_1.3	p.val_2.3	p.val_all	
Age	0.1000	0.0000	0.0000	0.0000	
Height (cm)_First Visit	0.4221	0.0202	0.0191	0.0131	
Weight (kgs)_First Visit	0.0000	0.1051	0.0000	0.0000	
BMI_First Visit	0.0000	0.0002	0.0000	0.0000	

\$Gender

\$Gender\$All

\$Gender\$All\$table

variable

Female Male

291 81

\$Gender\$All\$proportion

variable

Female Male

0.7822581 0.2177419

\$Gender\$'1'

\$Gender\$'1'\$table

variable	
Female	Male
168	37

\$Gender\$'1'\$proportion	
variable	
Female	Male
0.8195122	0.1804878

\$Gender\$'2'	
\$Gender\$'2'\$table	
variable	
Female	Male
49	14

\$Gender\$'2'\$proportion	
variable	
Female	Male
0.7777778	0.2222222

\$Gender\$'3'	
\$Gender\$'3'\$table	
variable	
Female	Male
74	30

\$Gender\$'3'\$proportion	
variable	
Female	Male
0.7115385	0.2884615

\$'Prior Spine Surgery'	
\$'Prior Spine Surgery'\$All	
\$'Prior Spine Surgery'\$All\$table	
variable	
No	Yes
255	117

\$'Prior Spine Surgery'\$All\$proportion	
variable	
No	Yes
0.6854839	0.3145161

\$'Prior Spine Surgery'\$'1'	
\$'Prior Spine Surgery'\$'1'\$table	
variable	
No	Yes
139	66

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$'Prior Spine Surgery'$'1'$proportion
variable
      No      Yes
0.6780488 0.3219512

```

```

$'Prior Spine Surgery'$'2'
$'Prior Spine Surgery'$'2'$table
variable
      No Yes
      29 34

```

```

$'Prior Spine Surgery'$'2'$proportion
variable
      No      Yes
0.4603175 0.5396825

```

```

$'Prior Spine Surgery'$'3'
$'Prior Spine Surgery'$'3'$table
variable
      No Yes
      87 17

```

```

$'Prior Spine Surgery'$'3'$proportion
variable
      No      Yes
0.8365385 0.1634615

```

```

$'ASA classification'
$'ASA classification'$All
$'ASA classification'$All$table
variable
      1  2  3
112 203  57

```

```

$'ASA classification'$All$proportion
variable
      1      2      3
0.3010753 0.5456989 0.1532258

```

```

$'ASA classification'$'1'
$'ASA classification'$'1'$table
variable
      1  2  3
 39 129  37

```

```

$'ASA classification'$'1'$proportion
variable
      1      2      3
0.1902439 0.6292683 0.1804878

```

```

$'ASA classification'$'2'
$'ASA classification'$'2'$table
variable
  1  2  3
  7 40 16

```

```

$'ASA classification'$'2'$proportion
variable
      1      2      3
0.1111111 0.6349206 0.2539683

```

```

$'ASA classification'$'3'
$'ASA classification'$'3'$table
variable
  1  2  3
66 34  4

```

```

$'ASA classification'$'3'$proportion
variable
      1      2      3
0.63461538 0.32692308 0.03846154

```

```

$'Tobacco use_First Visit'
$'Tobacco use_First Visit'$All
$'Tobacco use_First Visit'$All$table
variable
  Current      Ex Non-User
      74      67      231

```

```

$'Tobacco use_First Visit'$All$proportion
variable
  Current      Ex Non-User
0.1989247 0.1801075 0.6209677

```

```

$'Tobacco use_First Visit'$'1'
$'Tobacco use_First Visit'$'1'$table
variable
  Current      Ex Non-User
      40      43      122

```

```

$'Tobacco use_First Visit'$'1'$proportion
variable
  Current      Ex Non-User
0.1951220 0.2097561 0.5951220

```

```

$'Tobacco use_First Visit'$'2'
$'Tobacco use_First Visit'$'2'$table

```

```
variable
  Current      Ex Non-User
      14      7      42
```

```
$'Tobacco use_First Visit'$'2'$proportion
variable
  Current      Ex Non-User
0.2222222 0.1111111 0.6666667
```

```
$'Tobacco use_First Visit'$'3'
'$'Tobacco use_First Visit'$'3'$table
variable
  Current      Ex Non-User
      20      17      67
```

```
$'Tobacco use_First Visit'$'3'$proportion
variable
  Current      Ex Non-User
0.1923077 0.1634615 0.6442308
```

```
$'ESSG Diagnosis'
'$'ESSG Diagnosis'$All
'$'ESSG Diagnosis'$All$table
variable
      Congenital      Degenerative
      10      132
      Failed-back      Idiopathic
      20      166
      Neuromuscular Other: Ankylosing spondylitis
      5      1
      Other: hyperkyphosis Other: radiotherapy induced
      1      1
      Other: spondylolisthesis      Post-traumatic
      1      15
      Scheuermann      Syndromic
      15      5
```

```
$'ESSG Diagnosis'$All$proportion
variable
      Congenital      Degenerative
      0.026881720      0.354838710
      Failed-back      Idiopathic
      0.053763441      0.446236559
      Neuromuscular Other: Ankylosing spondylitis
      0.013440860      0.002688172
      Other: hyperkyphosis Other: radiotherapy induced
      0.002688172      0.002688172
      Other: spondylolisthesis      Post-traumatic
      0.002688172      0.040322581
      Scheuermann      Syndromic
      0.040322581      0.013440860
```

\$'ESSG Diagnosis'\$'1'
 '\$'ESSG Diagnosis'\$'1'\$table
 variable

Congenital	Degenerative
1	96
Failed-back	Idiopathic
12	78
Neuromuscular	Other: Ankylosing spondylitis
2	1
Other: hyperkyphosis	Other: spondylolisthesis
1	1
Post-traumatic	Scheuermann
7	4
Syndromic	
2	

\$'ESSG Diagnosis'\$'1'\$proportion
 variable

Congenital	Degenerative
0.004878049	0.468292683
Failed-back	Idiopathic
0.058536585	0.380487805
Neuromuscular	Other: Ankylosing spondylitis
0.009756098	0.004878049
Other: hyperkyphosis	Other: spondylolisthesis
0.004878049	0.004878049
Post-traumatic	Scheuermann
0.034146341	0.019512195
Syndromic	
0.009756098	

\$'ESSG Diagnosis'\$'2'
 '\$'ESSG Diagnosis'\$'2'\$table
 variable

Congenital	Degenerative	Failed-back	Idiopathic	Neuromuscular
2	35	7	10	2
Post-traumatic	Scheuermann			
6	1			

\$'ESSG Diagnosis'\$'2'\$proportion
 variable

Congenital	Degenerative	Failed-back	Idiopathic	Neuromuscular
0.03174603	0.55555556	0.11111111	0.15873016	0.03174603
Post-traumatic	Scheuermann			
0.09523810	0.01587302			

\$'ESSG Diagnosis'\$'3'
 '\$'ESSG Diagnosis'\$'3'\$table
 variable

Congenital	Degenerative
------------	--------------

7	1
Failed-back	Idiopathic
1	78
Neuromuscular	Other: radiotherapy induced
1	1
Post-traumatic	Scheuermann
2	10
Syndromic	
3	

\$'ESSG Diagnosis'\$'3'\$proportion
variable

Congenital	Degenerative
0.067307692	0.009615385
Failed-back	Idiopathic
0.009615385	0.750000000
Neuromuscular	Other: radiotherapy induced
0.009615385	0.009615385
Post-traumatic	Scheuermann
0.019230769	0.096153846
Syndromic	
0.028846154	

Radiology

[1] "Static Major curve Cobb angle"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2
Static Major curve Cobb angle	42.46	37.88	31.68	58.24	0.0343
6W. Static Major curve Cobb angle	23.00	21.64	15.42	29.73	0.0021
6M. Static Major curve Cobb angle	23.05	20.44	17.86	30.82	0.2925
1Y. Static Major curve Cobb angle	20.74	19.98	13.61	26.41	0.0006
2Y. Static Major curve Cobb angle	22.52	20.61	16.39	29.50	0.0629
5Y. Static Major curve Cobb angle	25.54	24.30	15.43	35.48	0.0009
	p.val_1.3	p.val_2.3	p.val_all		
Static Major curve Cobb angle	0.0000	0	0		
6W. Static Major curve Cobb angle	0.0004	0	0		
6M. Static Major curve Cobb angle	0.0000	0	0		
1Y. Static Major curve Cobb angle	0.0039	0	0		
2Y. Static Major curve Cobb angle	0.0006	0	0		
5Y. Static Major curve Cobb angle	0.0031	0	0		

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2: Preop 5Y	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3: Preop 6W	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4: 6W 2Y	0.5335	0.6962	0.9397	0.7258		
5: 6W 5Y	0.2164	0.9974	0.1254	0.1398		
6: 2Y 5Y	0.0972	0.7108	0.1242	0.0902		

[1] "Coronal Balance (C7PL to CSVL)"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2
Coronal Balance (C7PL to CSVL)	22.49	21.81	30.02	19.08	0.0464
6W. Coronal Balance (C7PL to CSVL)	20.14	20.72	21.00	18.61	0.9094
6M. Coronal Balance (C7PL to CSVL)	18.59	19.26	23.15	14.68	0.1859
1Y. Coronal Balance (C7PL to CSVL)	18.02	18.41	21.43	15.27	0.3103
2Y. Coronal Balance (C7PL to CSVL)	18.12	18.71	22.14	14.11	0.2598
5Y. Coronal Balance (C7PL to CSVL)	20.81	24.28	20.21	14.39	0.2868

	p.val_1.3	p.val_2.3	p.val_all
Coronal Balance (C7PL to CSVL)	0.1559	0.0098	0.0022
6W. Coronal Balance (C7PL to CSVL)	0.2816	0.3487	0.5238
6M. Coronal Balance (C7PL to CSVL)	0.0074	0.0051	0.0044
1Y. Coronal Balance (C7PL to CSVL)	0.0547	0.0456	0.0440
2Y. Coronal Balance (C7PL to CSVL)	0.0161	0.0105	0.0138
5Y. Coronal Balance (C7PL to CSVL)	0.0009	0.1098	0.0149

	t0	t1	1	2	3	All
1: Preop 2Y	0.0827	0.0986	0.0150	0.0023		
2: Preop 5Y	0.3334	0.0497	0.0489	0.3511		
3: Preop 6W	0.5375	0.0419	0.8216	0.0873		
4: 6W 2Y	0.2672	0.7386	0.0286	0.1213		
5: 6W 5Y	0.1678	0.8319	0.0775	0.6961		
6: 2Y 5Y	0.0326	0.6396	0.9017	0.1253		

[1] "Sagittal Balance"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3
Sagittal Balance	41.67	48.71	93.82	-4.12	0.0000	0
6W. Sagittal Balance	18.93	24.17	35.93	-1.75	0.0528	0
6M. Sagittal Balance	16.75	21.65	38.57	-4.90	0.0402	0
1Y. Sagittal Balance	19.20	23.53	49.10	-7.66	0.0030	0
2Y. Sagittal Balance	24.55	28.22	60.15	-6.29	0.0003	0
5Y. Sagittal Balance	34.29	38.81	61.98	5.35	0.0260	0

	p.val_2.3	p.val_all
Sagittal Balance	0	0
6W. Sagittal Balance	0	0
6M. Sagittal Balance	0	0
1Y. Sagittal Balance	0	0
2Y. Sagittal Balance	0	0
5Y. Sagittal Balance	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0005	0.0022	0.6651	0.0002		
2: Preop 5Y	0.1691	0.0063	0.1393	0.1640		
3: Preop 6W	0.0000	0.0000	0.5995	0.0000		
4: 6W 2Y	0.4029	0.0102	0.3729	0.1367		
5: 6W 5Y	0.0236	0.0113	0.2700	0.0011		
6: 2Y 5Y	0.1241	0.8715	0.0885	0.0573		

[1] "Sagittal T2-T5"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
Sagittal T2-T5	11.09	11.18	10.67	11.18	0.7345	0.9965	0.7605
6W. Sagittal T2-T5	13.65	13.47	14.64	13.40	0.4266	0.9472	0.4369
6M. Sagittal T2-T5	14.05	14.07	13.60	14.27	0.7934	0.8609	0.7124
1Y. Sagittal T2-T5	13.92	12.98	14.70	15.22	0.3417	0.0589	0.7822
2Y. Sagittal T2-T5	14.33	12.59	16.11	16.13	0.0498	0.0077	0.9924
5Y. Sagittal T2-T5	15.76	14.93	17.54	16.16	0.4150	0.5673	0.6893

	p.val_all
Sagittal T2-T5	0.9352
6W. Sagittal T2-T5	0.6332
6M. Sagittal T2-T5	0.9245
1Y. Sagittal T2-T5	0.1863
2Y. Sagittal T2-T5	0.0127
5Y. Sagittal T2-T5	0.5889

	t0	t1	1	2	3	All
1: Preop 2Y	0.1871	0.0098	0.0007	0.0001		
2: Preop 5Y	0.0077	0.0391	0.0169	0.0000		
3: Preop 6W	0.0144	0.0372	0.0928	0.0003		
4: 6W 2Y	0.3776	0.4781	0.0464	0.3771		
5: 6W 5Y	0.2775	0.3725	0.1673	0.0525		
6: 2Y 5Y	0.1040	0.6693	0.9864	0.2119		

[1] "Sagittal T5-T12"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
Sagittal T5-T12	32.91	31.43	32.25	36.24	0.7588	0.0464	0.1970
6W. Sagittal T5-T12	33.74	34.94	36.00	30.05	0.6017	0.0096	0.0114
6M. Sagittal T5-T12	34.66	35.84	37.34	30.99	0.4915	0.0078	0.0089
1Y. Sagittal T5-T12	35.43	36.49	37.85	31.85	0.5383	0.0118	0.0141
2Y. Sagittal T5-T12	36.18	38.61	37.17	31.60	0.5785	0.0004	0.0273
5Y. Sagittal T5-T12	40.10	41.50	44.81	33.92	0.3310	0.0249	0.0081

	p.val_all
Sagittal T5-T12	0.1114
6W. Sagittal T5-T12	0.0108
6M. Sagittal T5-T12	0.0083
1Y. Sagittal T5-T12	0.0173
2Y. Sagittal T5-T12	0.0044
5Y. Sagittal T5-T12	0.0148

	t0	t1	1	2	3	All
1: Preop 2Y	0.0003	0.1204	0.0545	0.0174		
2: Preop 5Y	0.0000	0.0012	0.4995	0.0000		
3: Preop 6W	0.0364	0.1985	0.0157	0.5127		
4: 6W 2Y	0.0432	0.6677	0.4452	0.0475		
5: 6W 5Y	0.0020	0.0113	0.2281	0.0001		
6: 2Y 5Y	0.2161	0.0362	0.4524	0.0197		

[1] "Sagittal T2-T12"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
Sagittal T2-T12	39.93	38.61	40.27	42.32	0.5546	0.1324	0.5174
6W. Sagittal T2-T12	43.16	44.43	46.84	38.61	0.3012	0.0050	0.0024
6M. Sagittal T2-T12	44.77	45.40	48.90	41.43	0.2053	0.0347	0.0117
1Y. Sagittal T2-T12	44.92	45.55	47.84	41.95	0.3932	0.0636	0.0401
2Y. Sagittal T2-T12	45.64	45.61	49.21	43.46	0.1970	0.2833	0.0484
5Y. Sagittal T2-T12	49.45	51.02	52.61	44.13	0.7182	0.0285	0.0817
	p.val_all						
Sagittal T2-T12	0.3042						
6W. Sagittal T2-T12	0.0021						
6M. Sagittal T2-T12	0.0137						
1Y. Sagittal T2-T12	0.0654						
2Y. Sagittal T2-T12	0.1077						
5Y. Sagittal T2-T12	0.0631						

	t0	t1	1	2	3	All
1: Preop 2Y	0.0003	0.0107	0.6540	0.0000		
2: Preop 5Y	0.0000	0.0118	0.5795	0.0000		
3: Preop 6W	0.0012	0.0400	0.1639	0.0172		
4: 6W 2Y	0.4947	0.4567	0.0353	0.0527		
5: 6W 5Y	0.0018	0.2077	0.0759	0.0002		
6: 2Y 5Y	0.0138	0.4737	0.8208	0.0245		

[1] "Lordosis (top of L1-S1)"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3
Lordosis (top of L1-S1)	-43.79	-40.72	-32.81	-56.42	0.0050	0.0000
6W. Lordosis (top of L1-S1)	-51.20	-50.24	-49.95	-53.79	0.9016	0.0376
6M. Lordosis (top of L1-S1)	-50.88	-49.83	-46.07	-55.58	0.1417	0.0005
1Y. Lordosis (top of L1-S1)	-51.16	-50.04	-47.19	-55.87	0.2514	0.0009
2Y. Lordosis (top of L1-S1)	-51.59	-50.42	-46.87	-56.52	0.1664	0.0011
5Y. Lordosis (top of L1-S1)	-50.64	-48.59	-49.25	-55.84	0.8435	0.0209
	p.val_2.3	p.val_all				
Lordosis (top of L1-S1)	0.0000	0.0000				
6W. Lordosis (top of L1-S1)	0.1300	0.1032				
6M. Lordosis (top of L1-S1)	0.0006	0.0001				
1Y. Lordosis (top of L1-S1)	0.0014	0.0006				
2Y. Lordosis (top of L1-S1)	0.0003	0.0004				
5Y. Lordosis (top of L1-S1)	0.0839	0.0574				

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.9617	0.0000		
2: Preop 5Y	0.0005	0.0000	0.8520	0.0001		
3: Preop 6W	0.0000	0.0000	0.2404	0.0000		
4: 6W 2Y	0.9092	0.3172	0.1531	0.7430		
5: 6W 5Y	0.4268	0.8430	0.4707	0.7105		
6: 2Y 5Y	0.4058	0.5085	0.8110	0.5499		

[1] "Pelvic Incidence"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3
Pelvic Incidence	54.11	55.27	55.85	50.68	0.7701	0.0018
6W. Pelvic Incidence	54.15	55.41	56.27	50.37	0.6755	0.0008
6M. Pelvic Incidence	53.99	55.20	54.70	51.26	0.8098	0.0085
1Y. Pelvic Incidence	53.66	54.38	56.59	50.44	0.2699	0.0109
2Y. Pelvic Incidence	53.75	54.57	56.40	50.67	0.3915	0.0121
5Y. Pelvic Incidence	54.90	54.49	58.62	53.06	0.1437	0.5288

	p.val_2.3	p.val_all
Pelvic Incidence	0.0134	0.0075
6W. Pelvic Incidence	0.0064	0.0033
6M. Pelvic Incidence	0.1158	0.0430
1Y. Pelvic Incidence	0.0045	0.0090
2Y. Pelvic Incidence	0.0095	0.0147
5Y. Pelvic Incidence	0.0644	0.1774

	t0	t1	1	2	3	All
1: Preop 2Y	0.6193	0.8289	0.9951	0.7170		
2: Preop 5Y	0.6500	0.3499	0.2533	0.5238		
3: Preop 6W	0.9190	0.8664	0.8408	0.9695		
4: 6W 2Y	0.5583	0.9610	0.8467	0.6936		
5: 6W 5Y	0.5975	0.4341	0.1964	0.5476		
6: 2Y 5Y	0.9634	0.4627	0.2534	0.3628		

[1] "Pelvic Tilt"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
Pelvic Tilt	21.99	24.33	27.72	13.63	0.0091	0	0
6W. Pelvic Tilt	18.18	19.76	22.18	12.62	0.0822	0	0
6M. Pelvic Tilt	19.60	21.42	24.40	13.25	0.0471	0	0
1Y. Pelvic Tilt	19.40	20.95	24.32	13.18	0.0145	0	0
2Y. Pelvic Tilt	19.25	21.14	24.20	12.91	0.0252	0	0
5Y. Pelvic Tilt	21.93	23.68	27.04	14.67	0.0820	0	0

	p.val_all
Pelvic Tilt	0
6W. Pelvic Tilt	0
6M. Pelvic Tilt	0
1Y. Pelvic Tilt	0
2Y. Pelvic Tilt	0
5Y. Pelvic Tilt	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0024	0.0242	0.5468	0.0007		
2: Preop 5Y	0.6063	0.7262	0.5340	0.9521		
3: Preop 6W	0.0000	0.0007	0.3909	0.0000		
4: 6W 2Y	0.1656	0.2242	0.8084	0.1633		
5: 6W 5Y	0.0014	0.0186	0.2261	0.0001		
6: 2Y 5Y	0.0398	0.1555	0.3011	0.0072		

[1] "Sacral Slope"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
Sacral Slope	32.56	31.61	28.08	37.22	0.0298	0.0000	0.0000
6W. Sacral Slope	35.90	35.54	34.00	37.66	0.3953	0.0681	0.0553
6M. Sacral Slope	34.37	33.59	30.28	38.16	0.0497	0.0001	0.0000
1Y. Sacral Slope	34.30	33.33	32.28	37.47	0.4930	0.0007	0.0021
2Y. Sacral Slope	34.58	33.57	32.18	37.83	0.4327	0.0013	0.0028
5Y. Sacral Slope	32.97	30.80	31.58	38.42	0.7421	0.0001	0.0088

	p.val_all
Sacral Slope	0.0000
6W. Sacral Slope	0.0800
6M. Sacral Slope	0.0000
1Y. Sacral Slope	0.0009
2Y. Sacral Slope	0.0016
5Y. Sacral Slope	0.0008

	t0	t1	1	2	3	All
1: Preop 2Y	0.0905	0.0520	0.6573	0.0172		
2: Preop 5Y	0.5706	0.1598	0.5022	0.7005		
3: Preop 6W	0.0003	0.0075	0.7352	0.0000		
4: 6W 2Y	0.0765	0.4246	0.9005	0.1096		
5: 6W 5Y	0.0008	0.3578	0.6675	0.0053		
6: 2Y 5Y	0.0583	0.8143	0.7453	0.1360		

[1] "RLL"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3	p.val_all
RLL	-18.81	-22.55	-30.81	-3.79	0.0021	0.0000	0.0000	0.000
6W. RLL	-11.30	-13.11	-13.94	-6.08	0.6671	0.0000	0.0003	0.000
6M. RLL	-11.56	-13.32	-16.63	-5.33	0.1557	0.0000	0.0000	0.000
1Y. RLL	-11.22	-12.67	-17.05	-4.54	0.0493	0.0000	0.0000	0.000
2Y. RLL	-10.54	-12.03	-17.09	-3.85	0.0252	0.0000	0.0000	0.000
5Y. RLL	-12.40	-14.20	-16.10	-6.05	0.5044	0.0052	0.0037	0.004

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.9746	0.0000		
2: Preop 5Y	0.0001	0.0000	0.4366	0.0001		
3: Preop 6W	0.0000	0.0000	0.2780	0.0000		
4: 6W 2Y	0.4740	0.2156	0.2026	0.4850		
5: 6W 5Y	0.5519	0.4589	0.9925	0.4275		
6: 2Y 5Y	0.2677	0.7428	0.4089	0.1988		

[1] "Global Tilt"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
Global Tilt	26.29	29.71	38.32	11.31	0.0001	0	0
6W. Global Tilt	18.64	20.99	24.07	10.61	0.0843	0	0

6M. Global Tilt	20.43	22.97	27.11	11.47	0.0547	0	0
1Y. Global Tilt	20.75	22.46	28.51	11.81	0.0027	0	0
2Y. Global Tilt	20.89	23.74	29.75	10.58	0.0048	0	0
5Y. Global Tilt	24.89	27.22	33.16	14.17	0.0405	0	0

	p.val_all
Global Tilt	0
6W. Global Tilt	0
6M. Global Tilt	0
1Y. Global Tilt	0
2Y. Global Tilt	0
5Y. Global Tilt	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0003	0.0007	0.6427	0.0000		
2: Preop 5Y	0.2226	0.0794	0.1859	0.3675		
3: Preop 6W	0.0000	0.0000	0.6185	0.0000		
4: 6W 2Y	0.0528	0.0165	0.9862	0.0418		
5: 6W 5Y	0.0011	0.0019	0.1012	0.0000		
6: 2Y 5Y	0.0721	0.2500	0.1151	0.0080		

[1] "T1 Sagittal Tilt"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3
T1 Sagittal Tilt	-1.86	-1.64	2.22	-4.83	0.0002	0.0000
6W. T1 Sagittal Tilt	-3.59	-3.35	-3.37	-4.20	0.9776	0.1143
6M. T1 Sagittal Tilt	-4.12	-4.12	-2.52	-5.03	0.0630	0.0698
1Y. T1 Sagittal Tilt	-3.88	-3.93	-2.11	-4.97	0.0427	0.1176
2Y. T1 Sagittal Tilt	-3.63	-3.44	-1.39	-5.24	0.0305	0.0005
5Y. T1 Sagittal Tilt	-2.75	-2.84	-0.99	-3.87	0.0811	0.2096

	p.val_2.3	p.val_all
T1 Sagittal Tilt	0.0000	0.0000
6W. T1 Sagittal Tilt	0.2714	0.2959
6M. T1 Sagittal Tilt	0.0043	0.0057
1Y. T1 Sagittal Tilt	0.0030	0.0093
2Y. T1 Sagittal Tilt	0.0001	0.0000
5Y. T1 Sagittal Tilt	0.0059	0.0584

	t0	t1	1	2	3	All
1: Preop 2Y	0.0029	0.0042	0.4455	0.0001		
2: Preop 5Y	0.1223	0.0106	0.1630	0.0932		
3: Preop 6W	0.0030	0.0000	0.2863	0.0000		
4: 6W 2Y	0.8571	0.0631	0.0584	0.9135		
5: 6W 5Y	0.4656	0.0269	0.6327	0.0780		
6: 2Y 5Y	0.4051	0.7404	0.0372	0.0758		

[1] "Thoracolumbar L2-T10"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3
Thoracolumbar L2-T10	10.03	10.75	12.01	7.38	0.6594	0.1930
6W. Thoracolumbar L2-T10	4.91	6.15	7.37	1.17	0.4764	0.0032

6M. Thoracolumbar L2-T10	5.08	6.75	6.98	0.58	0.8864	0.0007
1Y. Thoracolumbar L2-T10	5.27	7.60	7.36	-0.40	0.8940	0.0000
2Y. Thoracolumbar L2-T10	6.07	7.70	8.45	1.76	0.7050	0.0008
5Y. Thoracolumbar L2-T10	7.26	8.98	10.45	1.49	0.6059	0.0144

	p.val_2.3	p.val_all
Thoracolumbar L2-T10	0.1531	0.2903
6W. Thoracolumbar L2-T10	0.0017	0.0028
6M. Thoracolumbar L2-T10	0.0025	0.0003
1Y. Thoracolumbar L2-T10	0.0004	0.0000
2Y. Thoracolumbar L2-T10	0.0022	0.0011
5Y. Thoracolumbar L2-T10	0.0114	0.0134

	t0	t1	1	2	3	All
1: Preop 2Y	0.0983	0.2274	0.0271	0.0032		
2: Preop 5Y	0.4179	0.6460	0.0766	0.0907		
3: Preop 6W	0.0103	0.1018	0.0141	0.0001		
4: 6W 2Y	0.2899	0.6175	0.7588	0.2713		
5: 6W 5Y	0.1338	0.2645	0.9114	0.0955		
6: 2Y 5Y	0.5090	0.4860	0.9249	0.4062		

[1] "RSA"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3	p.val_all
RSA	15.26	18.19	26.40	1.87	0.0000	0	0	0
6W. RSA	7.59	9.35	12.02	1.38	0.0668	0	0	0
6M. RSA	9.46	11.41	15.62	1.94	0.0140	0	0	0
1Y. RSA	9.81	11.27	16.16	2.34	0.0021	0	0	0
2Y. RSA	10.09	12.40	17.87	1.34	0.0027	0	0	0
5Y. RSA	13.54	16.07	20.03	3.70	0.1024	0	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0001	0.6917	0.0000		
2: Preop 5Y	0.2221	0.0108	0.3290	0.2017		
3: Preop 6W	0.0000	0.0000	0.6733	0.0000		
4: 6W 2Y	0.0059	0.0042	0.9771	0.0058		
5: 6W 5Y	0.0000	0.0012	0.2162	0.0000		
6: 2Y 5Y	0.0226	0.3920	0.2344	0.0072		

[1] "RPV"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3	p.val_all
RPV	-8.42	-10.11	-13.87	-1.67	0.0005	0	0	0
6W. RPV	-5.03	-6.15	-8.20	-0.94	0.0940	0	0	0
6M. RPV	-6.49	-7.98	-10.99	-1.09	0.0117	0	0	0
1Y. RPV	-6.39	-7.75	-10.10	-1.35	0.0266	0	0	0
2Y. RPV	-6.14	-7.64	-10.10	-1.07	0.0305	0	0	0
5Y. RPV	-8.42	-10.34	-12.01	-1.89	0.2952	0	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0042	0.0037	0.5505	0.0006		

```

2: Preop 5Y 0.8161 0.2486 0.8743 0.9929
3: Preop 6W 0.0000 0.0001 0.4539 0.0000
4:   6W 2Y 0.0561 0.1961 0.9021 0.0718
5:   6W 5Y 0.0000 0.0328 0.4970 0.0000
6:   2Y 5Y 0.0071 0.2538 0.5624 0.0059

```

Quality of Life

[1] "ODI - Score (%)"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
ODI - Score (%)	37.26	40.27	61.84	16.10	0	0	0
6M. ODI - Score (%)	28.30	28.22	45.19	17.78	0	0	0
1Y. ODI - Score (%)	25.72	26.46	44.66	12.83	0	0	0
2Y. ODI - Score (%)	27.53	28.07	50.35	12.76	0	0	0
5Y. ODI - Score (%)	28.33	29.38	49.02	12.18	0	0	0

	p.val_all
ODI - Score (%)	0
6M. ODI - Score (%)	0
1Y. ODI - Score (%)	0
2Y. ODI - Score (%)	0
5Y. ODI - Score (%)	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0002	0.0418	0.0000		
2: Preop 5Y	0.0000	0.0003	0.0307	0.0000		
3: Preop 6M	0.0000	0.0000	0.3518	0.0000		
4: 6M 2Y	0.9373	0.1463	0.0058	0.6108		
5: 6M 5Y	0.5634	0.3259	0.0047	0.9874		
6: 2Y 5Y	0.5455	0.7388	0.7490	0.6538		

[1] "SRS22 - Function / Activity"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2
SRS22 - Function / Activity	3.09	2.94	2.11	4.01	0
6M. SRS22 - Function / Activity	3.26	3.19	2.59	3.81	0
1Y. SRS22 - Function / Activity	3.40	3.30	2.59	4.10	0
2Y. SRS22 - Function / Activity	3.48	3.33	2.63	4.27	0
5Y. SRS22 - Function / Activity	3.50	3.45	2.67	4.16	0

	p.val_1.3	p.val_2.3	p.val_all
SRS22 - Function / Activity	0	0	0
6M. SRS22 - Function / Activity	0	0	0
1Y. SRS22 - Function / Activity	0	0	0
2Y. SRS22 - Function / Activity	0	0	0
5Y. SRS22 - Function / Activity	0	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0001	0.0099	0.0000		

```

2: Preop 5Y 0.0000 0.0005 0.2157 0.0000
3: Preop 6M 0.0001 0.0001 0.0640 0.0082
4:   6M 2Y 0.0522 0.8295 0.0000 0.0013
5:   6M 5Y 0.0010 0.6438 0.0067 0.0009
6:   2Y 5Y 0.1493 0.7954 0.3911 0.7342

```

[1] "SRS22 - Pain"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
SRS22 - Pain	2.62	2.48	1.52	3.60	0	0.0000	0
6M. SRS22 - Pain	3.42	3.46	2.79	3.75	0	0.0068	0
1Y. SRS22 - Pain	3.57	3.57	2.68	4.08	0	0.0000	0
2Y. SRS22 - Pain	3.49	3.49	2.51	4.07	0	0.0000	0
5Y. SRS22 - Pain	3.38	3.35	2.50	4.02	0	0.0000	0

	p.val_all
SRS22 - Pain	0
6M. SRS22 - Pain	0
1Y. SRS22 - Pain	0
2Y. SRS22 - Pain	0
5Y. SRS22 - Pain	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2: Preop 5Y	0.0000	0.0000	0.0000	0.0032	0.0000	0.0000
3: Preop 6M	0.0000	0.0000	0.0000	0.2089	0.0000	0.0000
4: 6M 2Y	0.7086	0.1421	0.0062	0.3696		
5: 6M 5Y	0.3116	0.1692	0.0619	0.6041		
6: 2Y 5Y	0.2105	0.9400	0.6934	0.2191		

[1] "SRS22 - Self image / Appearance"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2
SRS22 - Self image / Appearance	2.42	2.45	1.65	2.84	0e+00
6M. SRS22 - Self image / Appearance	3.48	3.48	2.93	3.82	1e-04
1Y. SRS22 - Self image / Appearance	3.52	3.54	2.82	3.91	0e+00
2Y. SRS22 - Self image / Appearance	3.43	3.42	2.60	3.95	0e+00
5Y. SRS22 - Self image / Appearance	3.37	3.36	2.60	3.90	0e+00

	p.val_1.3	p.val_2.3	p.val_all
SRS22 - Self image / Appearance	0e+00	0	0
6M. SRS22 - Self image / Appearance	2e-04	0	0
1Y. SRS22 - Self image / Appearance	0e+00	0	0
2Y. SRS22 - Self image / Appearance	0e+00	0	0
5Y. SRS22 - Self image / Appearance	0e+00	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2: Preop 5Y	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3: Preop 6M	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4: 6M 2Y	0.4723	0.0573	0.2392	0.4681		
5: 6M 5Y	0.1890	0.0722	0.5067	0.1429		

6: 2Y 5Y 0.5183 0.9936 0.7040 0.4427

[1] "SRS22 - Mental health"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3
SRS22 - Mental health	3.17	3.28	2.26	3.53	0	0.0070
6M. SRS22 - Mental health	3.55	3.62	2.95	3.79	0	0.0509
1Y. SRS22 - Mental health	3.61	3.68	2.93	3.87	0	0.0250
2Y. SRS22 - Mental health	3.51	3.60	2.68	3.81	0	0.0253
5Y. SRS22 - Mental health	3.55	3.64	2.66	3.91	0	0.0165

	p.val_2.3	p.val_all
SRS22 - Mental health	0	0
6M. SRS22 - Mental health	0	0
1Y. SRS22 - Mental health	0	0
2Y. SRS22 - Mental health	0	0
5Y. SRS22 - Mental health	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0002	0.0071	0.0032	0.0000		
2: Preop 5Y	0.0000	0.0149	0.0008	0.0000		
3: Preop 6M	0.0001	0.0000	0.0063	0.0000		
4: 6M 2Y	0.8972	0.1214	0.7953	0.5454		
5: 6M 5Y	0.7597	0.0969	0.2696	0.9850		
6: 2Y 5Y	0.6746	0.8832	0.3777	0.5706		

[1] "SRS22 - SRS Subtotal score"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2
SRS22 - SRS Subtotal score	2.83	2.79	1.90	3.49	0
6M. SRS22 - SRS Subtotal score	3.43	3.43	2.82	3.79	0
1Y. SRS22 - SRS Subtotal score	3.53	3.53	2.76	3.99	0
2Y. SRS22 - SRS Subtotal score	3.48	3.46	2.61	4.02	0
5Y. SRS22 - SRS Subtotal score	3.44	3.43	2.61	4.00	0

	p.val_1.3	p.val_2.3	p.val_all
SRS22 - SRS Subtotal score	0	0	0
6M. SRS22 - SRS Subtotal score	0	0	0
1Y. SRS22 - SRS Subtotal score	0	0	0
2Y. SRS22 - SRS Subtotal score	0	0	0
5Y. SRS22 - SRS Subtotal score	0	0	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000		
2: Preop 5Y	0.0000	0.0000	0.0000	0.0000		
3: Preop 6M	0.0000	0.0000	0.0003	0.0000		
4: 6M 2Y	0.7228	0.1317	0.0057	0.4272		
5: 6M 5Y	0.9320	0.1710	0.0526	0.8979		
6: 2Y 5Y	0.7049	1.0000	0.7869	0.5885		

[1] "SF36 - PCS"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
SF36 - PCS	36.45	34.10	29.12	46.26	0e+00	0	0
6M. SF36 - PCS	40.54	39.81	34.18	46.19	0e+00	0	0
1Y. SF36 - PCS	41.94	41.20	33.24	48.71	0e+00	0	0
2Y. SF36 - PCS	42.06	41.20	33.37	49.09	0e+00	0	0
5Y. SF36 - PCS	41.64	40.49	33.58	49.54	2e-04	0	0

	p.val_all
SF36 - PCS	0
6M. SF36 - PCS	0
1Y. SF36 - PCS	0
2Y. SF36 - PCS	0
5Y. SF36 - PCS	0

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0068	0.0172	0.0000		
2: Preop 5Y	0.0000	0.0139	0.0230	0.0000		
3: Preop 6M	0.0000	0.0002	0.9534	0.0000		
4: 6M 2Y	0.1297	0.6246	0.0202	0.0460		
5: 6M 5Y	0.5238	0.7485	0.0248	0.2103		
6: 2Y 5Y	0.5144	0.9172	0.7577	0.6449		

[1] "SF36 - MCS"

	All.mean	1.mean	2.mean	3.mean	p.val_1.2	p.val_1.3	p.val_2.3
SF36 - MCS	42.99	44.89	33.08	44.99	0e+00	0.9377	0e+00
6M. SF36 - MCS	47.14	48.09	41.17	49.01	2e-04	0.4961	1e-04
1Y. SF36 - MCS	47.55	48.75	40.03	49.67	0e+00	0.4584	0e+00
2Y. SF36 - MCS	46.96	47.64	38.38	50.88	0e+00	0.0094	0e+00
5Y. SF36 - MCS	47.66	48.74	38.90	50.64	0e+00	0.1917	0e+00

	p.val_all
SF36 - MCS	0e+00
6M. SF36 - MCS	1e-04
1Y. SF36 - MCS	0e+00
2Y. SF36 - MCS	0e+00
5Y. SF36 - MCS	0e+00

	t0	t1	1	2	3	All
1: Preop 2Y	0.0242	0.0163	0.0000	0.0000		
2: Preop 5Y	0.0017	0.0172	0.0004	0.0000		
3: Preop 6M	0.0092	0.0001	0.0060	0.0000		
4: 6M 2Y	0.7244	0.2338	0.1533	0.8411		
5: 6M 5Y	0.6143	0.3728	0.2823	0.5974		
6: 2Y 5Y	0.3891	0.8434	0.8638	0.4752		

Surgery

	All.mean	1.mean	2.mean	3.mean
Total Operative Blood Loss st1+st2+st3	1447.62	1425.86	1875.30	1152.39
Total surgical time st1+st2+st3	308.97	284.08	336.46	341.14

Number of Posterior Instrumented Levels	9.06	8.36	9.26	10.24
Number of Interbody Fusions	0.80	1.05	0.98	0.18
	p.val_1.2	p.val_1.3	p.val_2.3	p.val_all
Total Operative Blood Loss st1+st2+st3	0.0192	0.0647	0.0004	0.0037
Total surgical time st1+st2+st3	0.0303	0.0067	0.8665	0.0056
Number of Posterior Instrumented Levels	0.1798	0.0006	0.1690	0.0032
Number of Interbody Fusions	0.6861	0.0000	0.0000	0.0000

```

$'Pelvic fixation'
$'Pelvic fixation'$All
$'Pelvic fixation'$All$table
variable
NA No Yes
24 214 134

```

```

$'Pelvic fixation'$All$proportion
variable
NA No Yes
0.06451613 0.57526882 0.36021505

```

```

$'Pelvic fixation'$'1'
$'Pelvic fixation'$'1'$table
variable
NA No Yes
13 102 90

```

```

$'Pelvic fixation'$'1'$proportion
variable
NA No Yes
0.06341463 0.49756098 0.43902439

```

```

$'Pelvic fixation'$'2'
$'Pelvic fixation'$'2'$table
variable
NA No Yes
3 22 38

```

```

$'Pelvic fixation'$'2'$proportion
variable
NA No Yes
0.04761905 0.34920635 0.60317460

```

```

$'Pelvic fixation'$'3'
$'Pelvic fixation'$'3'$table
variable
NA No Yes
8 90 6

```

```

$'Pelvic fixation'$'3'$proportion
variable
NA No Yes

```

0.07692308 0.86538462 0.05769231

\$'Surgical Approach'
\$'Surgical Approach'\$All
\$'Surgical Approach'\$All\$table
variable

Anterior	Anterior-Posterior
1	4
Posterior	Posterior-Anterior
352	11
Posterior-Posterior	Posterior-Posterior-Anterior
3	1

\$'Surgical Approach'\$All\$proportion
variable

Anterior	Anterior-Posterior
0.002688172	0.010752688
Posterior	Posterior-Anterior
0.946236559	0.029569892
Posterior-Posterior	Posterior-Posterior-Anterior
0.008064516	0.002688172

\$'Surgical Approach'\$'1'
\$'Surgical Approach'\$'1'\$table
variable

Anterior	Anterior-Posterior	Posterior	Posterior-Anterior
1	2	196	4
Posterior-Posterior			
2			

\$'Surgical Approach'\$'1'\$proportion
variable

Anterior	Anterior-Posterior	Posterior	Posterior-Anterior
0.004878049	0.009756098	0.956097561	0.019512195
Posterior-Posterior			
0.009756098			

\$'Surgical Approach'\$'2'
\$'Surgical Approach'\$'2'\$table
variable

Posterior	Posterior-Anterior
56	7

\$'Surgical Approach'\$'2'\$proportion
variable

Posterior	Posterior-Anterior
0.8888889	0.1111111

\$'Surgical Approach'\$'3'

\$Surgical Approach\$3\$table
variable

Anterior-Posterior	Posterior
2	100
Posterior-Posterior	Posterior-Posterior-Anterior
1	1

\$Surgical Approach\$3\$proportion
variable

Anterior-Posterior	Posterior
0.019230769	0.961538462
Posterior-Posterior	Posterior-Posterior-Anterior
0.009615385	0.009615385

\$Decompression
\$Decompression\$All
\$Decompression\$All\$table
variable
No Yes
274 98

\$Decompression\$All\$proportion
variable
No Yes
0.7365591 0.2634409

\$Decompression\$1'
\$Decompression\$1'\$table
variable
No Yes
135 70

\$Decompression\$1'\$proportion
variable
No Yes
0.6585366 0.3414634

\$Decompression\$2'
\$Decompression\$2'\$table
variable
No Yes
41 22

\$Decompression\$2'\$proportion
variable
No Yes
0.6507937 0.3492063

\$Decompression\$3'

\$Decompression\$'3'\$table
variable
No Yes
98 6

\$Decompression\$'3'\$proportion
variable
No Yes
0.94230769 0.05769231

\$'Interbody Fusion'
\$'Interbody Fusion'\$All
\$'Interbody Fusion'\$All\$table
variable
No Yes
216 156

\$'Interbody Fusion'\$All\$proportion
variable
No Yes
0.5806452 0.4193548

\$'Interbody Fusion'\$'1'
\$'Interbody Fusion'\$'1'\$table
variable
No Yes
90 115

\$'Interbody Fusion'\$'1'\$proportion
variable
No Yes
0.4390244 0.5609756

\$'Interbody Fusion'\$'2'
\$'Interbody Fusion'\$'2'\$table
variable
No Yes
28 35

\$'Interbody Fusion'\$'2'\$proportion
variable
No Yes
0.4444444 0.5555556

\$'Interbody Fusion'\$'3'
\$'Interbody Fusion'\$'3'\$table
variable
No Yes
98 6

\$'Interbody Fusion'\$'3'\$proportion
variable
No Yes
0.94230769 0.05769231

\$Osteotomy
\$Osteotomy\$All
\$Osteotomy\$All\$table
variable
No Yes
201 171

\$Osteotomy\$All\$proportion
variable
No Yes
0.5403226 0.4596774

\$Osteotomy\$'1'
\$Osteotomy\$'1'\$table
variable
No Yes
107 98

\$Osteotomy\$'1'\$proportion
variable
No Yes
0.5219512 0.4780488

\$Osteotomy\$'2'
\$Osteotomy\$'2'\$table
variable
No Yes
24 39

\$Osteotomy\$'2'\$proportion
variable
No Yes
0.3809524 0.6190476

\$Osteotomy\$'3'
\$Osteotomy\$'3'\$table
variable
No Yes
70 34

\$Osteotomy\$'3'\$proportion
variable
No Yes

0.6730769 0.3269231

\$'3C0'
\$'3C0'\$All
\$'3C0'\$All\$table
variable
No Yes
318 54

\$'3C0'\$All\$proportion
variable
No Yes
0.8548387 0.1451613

\$'3C0'\$'1'
\$'3C0'\$'1'\$table
variable
No Yes
174 31

\$'3C0'\$'1'\$proportion
variable
No Yes
0.8487805 0.1512195

\$'3C0'\$'2'
\$'3C0'\$'2'\$table
variable
No Yes
45 18

\$'3C0'\$'2'\$proportion
variable
No Yes
0.7142857 0.2857143

\$'3C0'\$'3'
\$'3C0'\$'3'\$table
variable
No Yes
99 5

\$'3C0'\$'3'\$proportion
variable
No Yes
0.95192308 0.04807692

Reinterventions

	group	reiqs	patients	total
1:	1	161	64	205
2:	2	104	29	63
3:	3	21	14	104
4:	all	286	107	372

	p_val_all_1	p_val_all_2	p_val_all_3	p_val_1_2	p_val_1_3	p_val_2_3
1:	0.0013	0	0	4e-04	0	0.0315

Impacts

	Complication	Impact	all_num	all_patients	1_num	1_patients	2_num	2_patients	
1:		0	1	1	0	0	1	1	
2:	Adverse Event		9	7	4	3	0	0	
3:	Major Complication		335	118	193	69	117	32	
4:	Minor Complication		299	180	189	107	72	42	
	3_num	3_patients	all	1	2	3	p_val_all_1	p_val_all_2	p_val_all_3
1:	0	0	372	205	63	104	1.0000	1.0000	1.0000
2:	5	4	372	205	63	104	0.3438	0.0156	0.5488
3:	25	17	372	205	63	104	0.0004	0.0000	0.0000
4:	38	31	372	205	63	104	0.0000	0.0000	0.0000
	p_val_1_2	p_val_1_3	p_val_2_3						
1:	1.0000	1	1.0000						
2:	0.2500	1	0.1250						
3:	0.0003	0	0.0444						
4:	0.0000	0	0.2416						

Categories

Category of the complication					all_num	all_patients	1_num	1_patients		
1:	Central neurologic complications				2		2	2		
2:	Iatrogenic				79		68	46		
3:	Infectious complications				40		31	19		
4:	Mechanical complications				289		136	162		
5:	Other complications				148		89	94		
6:	Pain				24		23	20		
7:	Peripheral neurologic complications				62		50	43		
	2_num	2_patients	3_num	3_patients	all	1	2	3	p_val_all_1	p_val_all_2
1:	0	0	0	0	372	205	63	104	1.0000	0.5000
2:	19	15	14	14	372	205	63	104	0.0065	0.0000
3:	15	11	6	5	372	205	63	104	0.0259	0.0029
4:	108	41	19	16	372	205	63	104	0.0001	0.0000
5:	29	19	25	20	372	205	63	104	0.0012	0.0000
6:	2	2	2	2	372	205	63	104	0.6440	0.0000
7:	17	14	2	2	372	205	63	104	0.1011	0.0000
	p_val_all_3	p_val_1_2	p_val_1_3	p_val_2_3						
1:	0.5	0.5000	0.5000	1.0000						
2:	0.0	0.0015	0.0008	1.0000						

3:	0.0	0.5572	0.0414	0.2101
4:	0.0	0.0007	0.0000	0.0013
5:	0.0	0.0002	0.0004	1.0000
6:	0.0	0.0002	0.0002	1.0000
7:	0.0	0.0055	0.0000	0.0042