

Clusters Descriptives

Initial Patients: 372

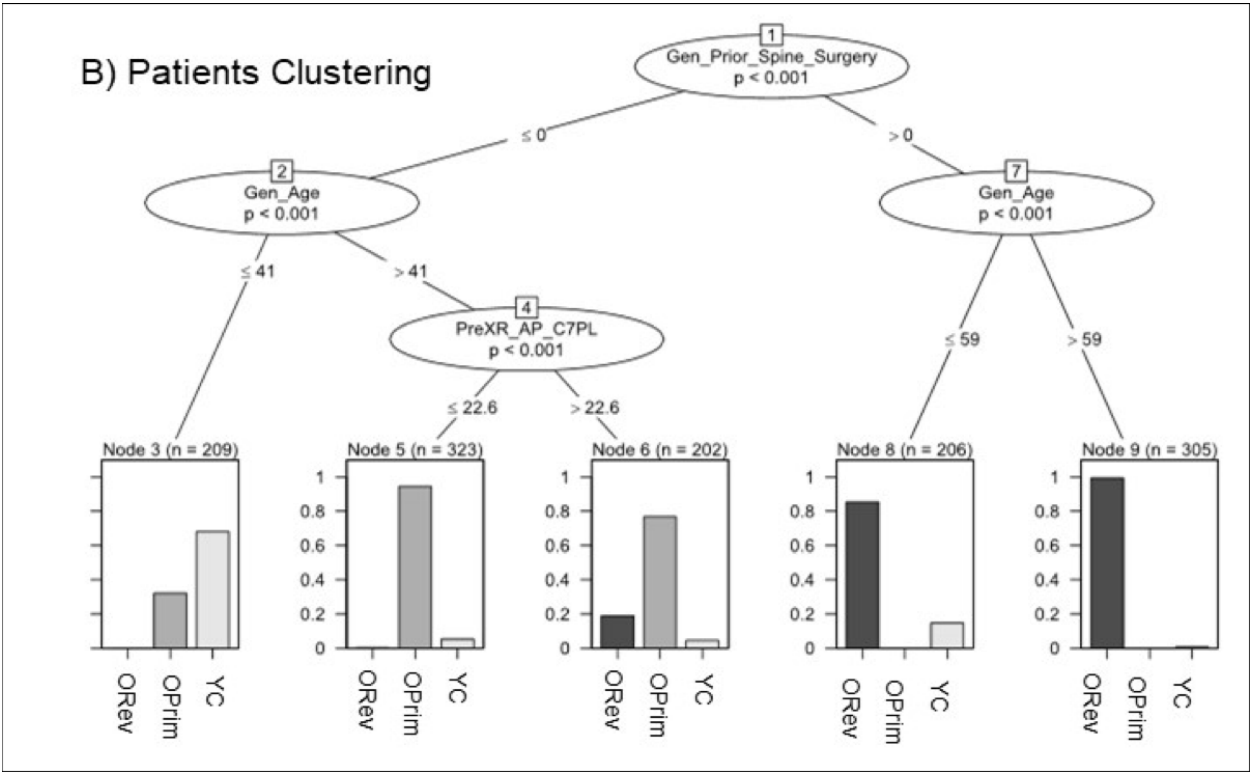


Figure 1: cluters Eurospine 2019

Number of patients

cluster	N
1:	5 63
2:	4 54
3:	1 93
4:	3 56
5:	2 95

Statistics

ODI

ODI stats overall

	mean	sd
1:	37.25581	19.93045

ODI stats by cluster

	cluster	mean	sd
1:	5	48.96610	17.38010
2:	4	37.60000	16.00383
3:	1	20.04598	15.67690
4:	3	42.37736	17.47441
5:	2	42.70526	18.18573

3CO: all vs each cluster

	cluster	p.val
1:	1	0.0041110494
2:	2	0.2257573637
3:	3	0.5238855687
4:	4	0.0304744548
5:	5	0.0008141409

Pelvic fixation: all vs each cluster

	cluster	p.val
1:	1	1.560268e-10
2:	2	7.958378e-02
3:	3	6.074547e-03
4:	4	5.399423e-01
5:	5	1.738331e-03

P-value ASA 1 cluster vs cluster

	treatment	asa_1	N
1:	5	4	63
2:	4	21	54
3:	1	61	93
4:	3	11	56
5:	2	15	95

P-values Treatment 1 vs Treatment 2

[1] 9.881061e-12

P-values Treatment 1 vs Treatment 3

[1] 1.387645e-07

P-values Treatment 2 vs Treatment 3

[1] 0.7019407

P-value ASA 3 cluster vs cluster

	treatment	asa_3	N
1:	5	15	63
2:	4	7	54
3:	1	4	93
4:	3	10	56
5:	2	18	95

P-values Treatment 1 vs Treatment 2

[1] 0.003772065

P-values Treatment 1 vs Treatment 3

[1] 0.01401138

P-values Treatment 2 vs Treatment 3

[1] 1

P-value Prior Spine Surgery Yes cluster vs cluster

	treatment	prior_yes	N
1:	5	63	63
2:	4	54	54
3:	1	0	93
4:	3	0	56
5:	2	0	95

P-values Treatment 1 vs Treatment 2

[1] NaN

P-values Treatment 1 vs Treatment 3

[1] NaN

P-values Treatment 2 vs Treatment 3

[1] NaN

3CO cluster vs cluster

	treatment	prior_yes	N
1:	5	21	63
2:	4	15	54
3:	1	3	93
4:	3	6	56
5:	2	9	95

P-values Treatment 1 vs Treatment 2

[1] 0.1460115

P-values Treatment 1 vs Treatment 3

[1] 0.1327384

P-values Treatment 2 vs Treatment 3

[1] 1

Pelvic Fixation cluster vs cluster

	treatment	prior_yes	N
1:	5	37	63
2:	4	17	54
3:	1	2	93
4:	3	32	56
5:	2	45	95

P-values Treatment 1 vs Treatment 2

[1] 2.743841e-12

P-values Treatment 1 vs Treatment 3

[1] 4.500986e-14

P-values Treatment 2 vs Treatment 3

[1] 0.3211624

Demographics

				variable	All.mean	All.sd	1.mean	1.sd
Age				Age	51.98	19.46	26.45	7.18
Height (cm)_First Visit	Height (cm)_First Visit			Height (cm)_First Visit	163.06	9.39	166.28	9.46
Weight (kgs)_First Visit	Weight (kgs)_First Visit			Weight (kgs)_First Visit	65.76	13.06	62.28	13.84
BMI_First Visit	BMI_First Visit			BMI_First Visit	24.75	4.61	22.47	4.41
	2.mean	2.sd	3.mean	3.sd	4.mean	4.sd	5.mean	5.sd
Age	63.06	9.66	64.39	10.76	42.87	13.05	69.73	5.86
Height (cm)_First Visit	162.27	8.44	160.30	8.33	164.65	10.68	160.52	8.95
Weight (kgs)_First Visit	66.32	11.70	64.23	10.69	67.35	14.56	70.11	13.19
BMI_First Visit	25.22	4.31	24.98	3.54	24.75	4.21	27.27	5.09
	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all			
Age	0.0000	0.0000	0.0000	0e+00	0.0000			
Height (cm)_First Visit	0.0025	0.0001	0.3543	2e-04	0.0039			
Weight (kgs)_First Visit	0.0326	0.3381	0.0408	5e-04	0.0308			
BMI_First Visit	0.0000	0.0002	0.0024	0e+00	0.0000			

	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
Age	0.0000	0.4483	0.0000	0.0000
Height (cm)_First Visit	0.0002	0.1650	0.1639	0.2209
Weight (kgs)_First Visit	0.0046	0.2664	0.6558	0.0679
BMI_First Visit	0.0000	0.7100	0.5200	0.0099

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
Age	0.0000	0.0000	0.0000	0.0014
Height (cm)_First Visit	0.4344	0.3138	0.0195	0.8939
Weight (kgs)_First Visit	0.6883	0.6054	0.2047	0.0087
BMI_First Visit	0.3610	0.2363	0.7621	0.0050

	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Age	0.0000	0.0000	0.0000	0.0000
Height (cm)_First Visit	0.0266	0.0102	0.0272	0.3034
Weight (kgs)_First Visit	0.3383	0.2682	0.2897	0.4506
BMI_First Visit	0.6789	0.6335	0.0042	0.9943

	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest
Age	0.0000	0.0000	0.0000
Height (cm)_First Visit	0.2292	0.0435	0.0169
Weight (kgs)_First Visit	0.3783	0.0185	0.0052
BMI_First Visit	0.9934	0.0005	0.0000

	p.val_all
Age	0.0000
Height (cm)_First Visit	0.0001
Weight (kgs)_First Visit	0.0039
BMI_First Visit	0.0000

```

$Gender
$Gender$All
$Gender$All$table
variable
Female    Male
  283      78

```

```

$Gender$All$proportion
variable
  Female    Male
0.7839335 0.2160665

```

```

$Gender$'1'
$Gender$'1'$table
variable
Female    Male
   67      26

```

```

$Gender$'1'$proportion
variable
  Female    Male
0.7204301 0.2795699

```

```

$Gender$'2'
$Gender$'2'$table
variable

```

Female	Male
79	16

\$Gender\$'2'\$proportion
variable

Female	Male
0.8315789	0.1684211

\$Gender\$'3'
\$Gender\$'3'\$table
variable

Female	Male
48	8

\$Gender\$'3'\$proportion
variable

Female	Male
0.8571429	0.1428571

\$Gender\$'4'
\$Gender\$'4'\$table
variable

Female	Male
40	14

\$Gender\$'4'\$proportion
variable

Female	Male
0.7407407	0.2592593

\$Gender\$'5'
\$Gender\$'5'\$table
variable

Female	Male
49	14

\$Gender\$'5'\$proportion
variable

Female	Male
0.7777778	0.2222222

\$'Prior Spine Surgery'
\$'Prior Spine Surgery'\$All
\$'Prior Spine Surgery'\$All\$table
variable
No Yes
244 117

\$'Prior Spine Surgery'\$All\$proportion

variable
No Yes
0.6759003 0.3240997

\$'Prior Spine Surgery'\$'1'
\$'Prior Spine Surgery'\$'1'\$table
variable
No
93

\$'Prior Spine Surgery'\$'1'\$proportion
variable
No
1

\$'Prior Spine Surgery'\$'2'
\$'Prior Spine Surgery'\$'2'\$table
variable
No
95

\$'Prior Spine Surgery'\$'2'\$proportion
variable
No
1

\$'Prior Spine Surgery'\$'3'
\$'Prior Spine Surgery'\$'3'\$table
variable
No
56

\$'Prior Spine Surgery'\$'3'\$proportion
variable
No
1

\$'Prior Spine Surgery'\$'4'
\$'Prior Spine Surgery'\$'4'\$table
variable
Yes
54

\$'Prior Spine Surgery'\$'4'\$proportion
variable
Yes
1

\$'Prior Spine Surgery'\$'5'

```

$'Prior Spine Surgery'$'5'$table
variable
Yes
63

```

```

$'Prior Spine Surgery'$'5'$proportion
variable
Yes
1

```

```

$'ASA classification'
$'ASA classification'$All
$'ASA classification'$All$table
variable
1 2 3
112 195 54

```

```

$'ASA classification'$All$proportion
variable
1 2 3
0.3102493 0.5401662 0.1495845

```

```

$'ASA classification'$'1'
$'ASA classification'$'1'$table
variable
1 2 3
61 28 4

```

```

$'ASA classification'$'1'$proportion
variable
1 2 3
0.65591398 0.30107527 0.04301075

```

```

$'ASA classification'$'2'
$'ASA classification'$'2'$table
variable
1 2 3
15 62 18

```

```

$'ASA classification'$'2'$proportion
variable
1 2 3
0.1578947 0.6526316 0.1894737

```

```

$'ASA classification'$'3'
$'ASA classification'$'3'$table
variable
1 2 3
11 35 10

```



```

$'ASA classification'$'3'$proportion
variable
      1      2      3
0.1964286 0.6250000 0.1785714

```

```

$'ASA classification'$'4'
$'ASA classification'$'4'$table
variable
  1  2  3
21 26  7

```

```

$'ASA classification'$'4'$proportion
variable
      1      2      3
0.3888889 0.4814815 0.1296296

```

```

$'ASA classification'$'5'
$'ASA classification'$'5'$table
variable
  1  2  3
 4 44 15

```

```

$'ASA classification'$'5'$proportion
variable
      1      2      3
0.06349206 0.69841270 0.23809524

```

```

$'Tobacco use_First Visit'
$'Tobacco use_First Visit'$All
$'Tobacco use_First Visit'$All$table
variable
  Current      Ex Non-User
      72      64      225

```

```

$'Tobacco use_First Visit'$All$proportion
variable
  Current      Ex Non-User
0.1994460 0.1772853 0.6232687

```

```

$'Tobacco use_First Visit'$'1'
$'Tobacco use_First Visit'$'1'$table
variable
  Current      Ex Non-User
      24      8      61

```

```

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

```

0.25806452 0.08602151 0.65591398

```
$'Tobacco use_First Visit'$'2'
$'Tobacco use_First Visit'$'2'$table
variable
  Current      Ex Non-User
      17      21      57
```

```
$'Tobacco use_First Visit'$'2'$proportion
variable
  Current      Ex Non-User
0.1789474 0.2210526 0.6000000
```

```
$'Tobacco use_First Visit'$'3'
$'Tobacco use_First Visit'$'3'$table
variable
  Current      Ex Non-User
      5      13      38
```

```
$'Tobacco use_First Visit'$'3'$proportion
variable
  Current      Ex Non-User
0.08928571 0.23214286 0.67857143
```

```
$'Tobacco use_First Visit'$'4'
$'Tobacco use_First Visit'$'4'$table
variable
  Current      Ex Non-User
      17      12      25
```

```
$'Tobacco use_First Visit'$'4'$proportion
variable
  Current      Ex Non-User
0.3148148 0.2222222 0.4629630
```

```
$'Tobacco use_First Visit'$'5'
$'Tobacco use_First Visit'$'5'$table
variable
  Current      Ex Non-User
      9      10      44
```

```
$'Tobacco use_First Visit'$'5'$proportion
variable
  Current      Ex Non-User
0.1428571 0.1587302 0.6984127
```

```
$'ESSG Diagnosis'
$'ESSG Diagnosis'$All
```

\$'ESSG Diagnosis'\$All\$table
variable

	Congenital	Degenerative
	10	124
	Failed-back	Idiopathic
	20	163
	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
	0.027700831	0.343490305
	Failed-back	Idiopathic
	0.055401662	0.451523546
	Neuromuscular	Other: Ankylosing spondylitis
	0.013850416	0.002770083
	Other: hyperkyphosis	Other: radiotherapy induced
	0.002770083	0.002770083
	Other: spondylolisthesis	Post-traumatic
	0.002770083	0.041551247
	Scheuermann	Syndromic
	0.041551247	0.013850416

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

	Congenital	Degenerative	Idiopathic	Post-traumatic	Scheuermann
	7	1	67	1	13
	Syndromic				
	4				

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

	Congenital	Degenerative	Idiopathic	Post-traumatic	Scheuermann
	0.07526882	0.01075269	0.72043011	0.01075269	0.13978495
	Syndromic				
	0.04301075				

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

	Degenerative	Idiopathic
	50	36
	Neuromuscular	Other: Ankylosing spondylitis
	1	1

Other: spondylolisthesis	Post-traumatic
1	4
Scheuermann	Syndromic
1	1

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

Degenerative	Idiopathic
0.52631579	0.37894737
Neuromuscular	Other: Ankylosing spondylitis
0.01052632	0.01052632
Other: spondylolisthesis	Post-traumatic
0.01052632	0.04210526
Scheuermann	Syndromic
0.01052632	0.01052632

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

Degenerative	Idiopathic	Neuromuscular	Post-traumatic
35	18	2	1

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

Degenerative	Idiopathic	Neuromuscular	Post-traumatic
0.62500000	0.32142857	0.03571429	0.01785714

'\$ESSG Diagnosis'\$'4'
 '\$ESSG Diagnosis'\$'4'\$table
 variable

Congenital	Degenerative
3	4
Failed-back	Idiopathic
9	29
Neuromuscular	Other: hyperkyphosis
2	1
Other: radiotherapy induced	Post-traumatic
1	5

'\$ESSG Diagnosis'\$'4'\$proportion
 variable

Congenital	Degenerative
0.05555556	0.07407407
Failed-back	Idiopathic
0.16666667	0.53703704
Neuromuscular	Other: hyperkyphosis
0.03703704	0.01851852
Other: radiotherapy induced	Post-traumatic
0.01851852	0.09259259

'\$ESSG Diagnosis'\$'5'

'\$ESSG Diagnosis'\$'5'\$table
 variable

Degenerative	Failed-back	Idiopathic	Post-traumatic	Scheuermann
34	11	13	4	1

'\$ESSG Diagnosis'\$'5'\$proportion
 variable

Degenerative	Failed-back	Idiopathic	Post-traumatic	Scheuermann
0.53968254	0.17460317	0.20634921	0.06349206	0.01587302

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

Anterior	Anterior-Posterior
1	4
Posterior	Posterior-Anterior
341	11
Posterior-Posterior	Posterior-Posterior-Anterior
3	1

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

Anterior	Anterior-Posterior
0.002770083	0.011080332
Posterior	Posterior-Anterior
0.944598338	0.030470914
Posterior-Posterior	Posterior-Posterior-Anterior
0.008310249	0.002770083

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

Anterior	Anterior-Posterior	Posterior	Posterior-Posterior
1	2	89	1

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

Anterior	Anterior-Posterior	Posterior	Posterior-Posterior
0.01075269	0.02150538	0.95698925	0.01075269

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

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
1	92	1	1

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

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
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	0.01052632	0.96842105	0.01052632	0.01052632
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'\$Surgical Approach'\$'3'
 '\$Surgical Approach'\$'3'\$table
 variable

	Posterior	Posterior-Anterior
	52	3
Posterior-Posterior-Anterior	1	

'\$Surgical Approach'\$'3'\$proportion
 variable

	Posterior	Posterior-Anterior
	0.92857143	0.05357143
Posterior-Posterior-Anterior	0.01785714	

'\$Surgical Approach'\$'4'
 '\$Surgical Approach'\$'4'\$table
 variable

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
1	51	1	1

'\$Surgical Approach'\$'4'\$proportion
 variable

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
0.01851852	0.94444444	0.01851852	0.01851852

'\$Surgical Approach'\$'5'
 '\$Surgical Approach'\$'5'\$table
 variable

Posterior	Posterior-Anterior
57	6

'\$Surgical Approach'\$'5'\$proportion
 variable

Posterior	Posterior-Anterior
0.9047619	0.0952381

Radiology

[1] "Static Major curve Cobb angle"
 [1] "6W. Static Major curve Cobb angle"
 [1] "6M. Static Major curve Cobb angle"
 [1] "1Y. Static Major curve Cobb angle"
 [1] "2Y. Static Major curve Cobb angle"
 [1] "5Y. Static Major curve Cobb angle"

[1] "Static Major curve Cobb angle"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd
Static Major curve Cobb angle	42.77	21.39	56.46	17.94	39.45	17.74
6W. Static Major curve Cobb angle	23.11	16.36	26.68	14.17	20.55	13.33
6M. Static Major curve Cobb angle	23.23	17.33	27.43	15.90	19.83	12.22
1Y. Static Major curve Cobb angle	20.83	16.21	24.84	16.33	18.11	13.37
2Y. Static Major curve Cobb angle	22.67	17.17	27.22	16.42	19.33	11.79
5Y. Static Major curve Cobb angle	25.59	17.46	34.09	19.97	21.77	13.01
	3.mean	3.sd	4.mean	4.sd	5.mean	5.sd
Static Major curve Cobb angle	43.20	20.56	40.18	24.41	29.79	18.85
6W. Static Major curve Cobb angle	19.76	12.30	33.19	24.49	17.34	15.21
6M. Static Major curve Cobb angle	19.09	12.63	35.26	26.08	17.14	16.04
1Y. Static Major curve Cobb angle	18.77	12.40	27.80	23.26	15.63	13.51
2Y. Static Major curve Cobb angle	19.77	15.05	31.11	23.83	17.41	17.65
5Y. Static Major curve Cobb angle	21.63	13.90	37.15	21.63	17.79	14.42
	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3		
Static Major curve Cobb angle	30.96464	0.7239824	0.0000	0.0002		
6W. Static Major curve Cobb angle	23.24866	1.0081978	0.0054	0.0032		
6M. Static Major curve Cobb angle	24.99950	1.0770433	0.0011	0.0014		
1Y. Static Major curve Cobb angle	23.76594	1.1412475	0.0041	0.0163		
2Y. Static Major curve Cobb angle	24.49510	1.0901857	0.0013	0.0119		
5Y. Static Major curve Cobb angle	24.69163	0.9782530	0.0054	0.0081		
	p.val_1.4	p.val_1.5	p.val_1.all			
Static Major curve Cobb angle	0.0001	0.0000	0.0000			
6W. Static Major curve Cobb angle	0.1210	0.0004	0.0514			
6M. Static Major curve Cobb angle	0.0879	0.0004	0.0446			
1Y. Static Major curve Cobb angle	0.4550	0.0004	0.0478			
2Y. Static Major curve Cobb angle	0.3822	0.0026	0.0406			
5Y. Static Major curve Cobb angle	0.6369	0.0016	0.0401			
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4			
Static Major curve Cobb angle	0.0000	0.2647	0.8560			
6W. Static Major curve Cobb angle	0.0126	0.7295	0.0033			
6M. Static Major curve Cobb angle	0.0099	0.7424	0.0009			
1Y. Static Major curve Cobb angle	0.0099	0.7717	0.0134			
2Y. Static Major curve Cobb angle	0.0078	0.8648	0.0076			
5Y. Static Major curve Cobb angle	0.0110	0.9646	0.0123			
	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest			
Static Major curve Cobb angle	0.0021	0.1339	0.0562			
6W. Static Major curve Cobb angle	0.2052	0.1502	0.0711			
6M. Static Major curve Cobb angle	0.2987	0.0472	0.0141			
1Y. Static Major curve Cobb angle	0.2803	0.1153	0.0458			
2Y. Static Major curve Cobb angle	0.5088	0.0578	0.0201			
5Y. Static Major curve Cobb angle	0.2918	0.1265	0.0483			
	p.val_3.4	p.val_3.5	p.val_3.all			
Static Major curve Cobb angle	0.5016	0.0004	0.8856			
6W. Static Major curve Cobb angle	0.0022	0.3589	0.0858			
6M. Static Major curve Cobb angle	0.0007	0.4903	0.0464			
1Y. Static Major curve Cobb angle	0.0243	0.2070	0.2961			
2Y. Static Major curve Cobb angle	0.0152	0.4800	0.2319			
5Y. Static Major curve Cobb angle	0.0139	0.3515	0.1893			
	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all			
Static Major curve Cobb angle	0.8658	0.0174	0.4878			
6W. Static Major curve Cobb angle	0.0456	0.0005	0.0138			

6M. Static Major curve Cobb angle	0.0212	0.0003	0.0069
1Y. Static Major curve Cobb angle	0.2278	0.0029	0.0600
2Y. Static Major curve Cobb angle	0.1579	0.0050	0.0464
5Y. Static Major curve Cobb angle	0.1130	0.0039	0.0477

	p.val_4.vs_the_rest	p.val_5.all
Static Major curve Cobb angle	0.4217	0.0000
6W. Static Major curve Cobb angle	0.0049	0.0110
6M. Static Major curve Cobb angle	0.0020	0.0132
1Y. Static Major curve Cobb angle	0.0300	0.0101
2Y. Static Major curve Cobb angle	0.0228	0.0579
5Y. Static Major curve Cobb angle	0.0261	0.0326

	p.val_5.vs_the_rest	p.val_all
Static Major curve Cobb angle	0.0000	0e+00
6W. Static Major curve Cobb angle	0.0024	0e+00
6M. Static Major curve Cobb angle	0.0032	0e+00
1Y. Static Major curve Cobb angle	0.0023	1e-04
2Y. Static Major curve Cobb angle	0.0234	1e-04
5Y. Static Major curve Cobb angle	0.0143	1e-04

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0919	0.0006	0.0000	0.0000	
2: Preop 5Y	0.0000	0.0000	0.0000	0.6351	0.0042	0.0000	0.0000	
3: Preop 6W	0.0000	0.0000	0.0000	0.1830	0.0001	0.0000	0.0000	
4: 6W 2Y	0.8305	0.5556	0.9978	0.7068	0.9826	0.7521		
5: 6W 5Y	0.0737	0.6244	0.5480	0.5467	0.9041	0.1572		
6: 2Y 5Y	0.1078	0.3180	0.5838	0.3654	0.9249	0.1074		

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

[1] "6W. Coronal Balance (C7PL to CSVL)"

[1] "6M. Coronal Balance (C7PL to CSVL)"

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

[1] "2Y. Coronal Balance (C7PL to CSVL)"

[1] "5Y. Coronal Balance (C7PL to CSVL)"

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

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd
Coronal Balance (C7PL to CSVL)	22.49	19.35	20.42	15.73	10.76	6.01
6W. Coronal Balance (C7PL to CSVL)	20.13	15.05	19.26	15.20	19.64	13.43
6M. Coronal Balance (C7PL to CSVL)	18.50	14.63	17.23	13.16	19.15	14.65
1Y. Coronal Balance (C7PL to CSVL)	17.99	13.77	16.56	12.11	16.86	11.25
2Y. Coronal Balance (C7PL to CSVL)	18.08	15.53	15.54	12.59	17.30	12.88
5Y. Coronal Balance (C7PL to CSVL)	20.84	17.42	15.21	11.00	22.28	18.65

	3.mean	3.sd	4.mean	4.sd	5.mean	5.sd
Coronal Balance (C7PL to CSVL)	42.92	21.19	19.23	16.03	27.50	21.95
6W. Coronal Balance (C7PL to CSVL)	28.57	18.40	16.26	14.28	17.21	11.34
6M. Coronal Balance (C7PL to CSVL)	21.50	17.45	15.44	12.92	19.02	14.90
1Y. Coronal Balance (C7PL to CSVL)	22.15	18.90	14.04	12.81	21.25	13.70
2Y. Coronal Balance (C7PL to CSVL)	22.07	20.43	15.46	12.91	20.68	18.16
5Y. Coronal Balance (C7PL to CSVL)	18.61	14.17	15.24	13.34	32.67	22.78

	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3
Coronal Balance (C7PL to CSVL)	23.43538	1.042160	0.0000	0.0000
6W. Coronal Balance (C7PL to CSVL)	23.12779	1.149109	0.8706	0.0040

6M. Coronal Balance (C7PL to CSVL)	23.37385	1.266973	0.4137	0.1517
1Y. Coronal Balance (C7PL to CSVL)	20.46187	1.140523	0.8788	0.0805
2Y. Coronal Balance (C7PL to CSVL)	23.63257	1.322327	0.4292	0.0609
5Y. Coronal Balance (C7PL to CSVL)	24.06047	1.204504	0.0494	0.3173
	p.val_1.4	p.val_1.5	p.val_1.all	
Coronal Balance (C7PL to CSVL)	0.6821	0.0367	0.3102	
6W. Coronal Balance (C7PL to CSVL)	0.3075	0.3695	0.6481	
6M. Coronal Balance (C7PL to CSVL)	0.4869	0.4939	0.4746	
1Y. Coronal Balance (C7PL to CSVL)	0.3176	0.0603	0.3854	
2Y. Coronal Balance (C7PL to CSVL)	0.9787	0.0989	0.1712	
5Y. Coronal Balance (C7PL to CSVL)	0.9950	0.0025	0.0295	
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	
Coronal Balance (C7PL to CSVL)		0.2069	0.0000	0.0008
6W. Coronal Balance (C7PL to CSVL)		0.5426	0.0051	0.2431
6M. Coronal Balance (C7PL to CSVL)		0.3583	0.4463	0.1730
1Y. Coronal Balance (C7PL to CSVL)		0.2633	0.0935	0.2557
2Y. Coronal Balance (C7PL to CSVL)		0.0865	0.1687	0.5053
5Y. Coronal Balance (C7PL to CSVL)		0.0103	0.3549	0.1116
	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	
Coronal Balance (C7PL to CSVL)	0.0000	0.0000		0.0000
6W. Coronal Balance (C7PL to CSVL)	0.2748	0.7888		0.7357
6M. Coronal Balance (C7PL to CSVL)	0.9632	0.7421		0.6723
1Y. Coronal Balance (C7PL to CSVL)	0.0722	0.4697		0.3590
2Y. Coronal Balance (C7PL to CSVL)	0.2757	0.6734		0.5928
5Y. Coronal Balance (C7PL to CSVL)	0.0739	0.6583		0.5398
	p.val_3.4	p.val_3.5	p.val_3.all	
Coronal Balance (C7PL to CSVL)	0.0000	0.0002	0.0000	
6W. Coronal Balance (C7PL to CSVL)	0.0009	0.0004	0.0038	
6M. Coronal Balance (C7PL to CSVL)	0.0652	0.4522	0.2648	
1Y. Coronal Balance (C7PL to CSVL)	0.0231	0.7951	0.1619	
2Y. Coronal Balance (C7PL to CSVL)	0.0850	0.7317	0.2176	
5Y. Coronal Balance (C7PL to CSVL)	0.4265	0.0161	0.4713	
	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	
Coronal Balance (C7PL to CSVL)		0.0000	0.0266	0.2044
6W. Coronal Balance (C7PL to CSVL)		0.0006	0.7388	0.1341
6M. Coronal Balance (C7PL to CSVL)		0.1815	0.2260	0.1745
1Y. Coronal Balance (C7PL to CSVL)		0.0957	0.0149	0.0837
2Y. Coronal Balance (C7PL to CSVL)		0.1362	0.1370	0.2904
5Y. Coronal Balance (C7PL to CSVL)		0.3857	0.0051	0.1289
	p.val_4.vs_the_rest	p.val_5.all		
Coronal Balance (C7PL to CSVL)		0.1473	0.1036	
6W. Coronal Balance (C7PL to CSVL)		0.0910	0.1012	
6M. Coronal Balance (C7PL to CSVL)		0.1195	0.8197	
1Y. Coronal Balance (C7PL to CSVL)		0.0482	0.1401	
2Y. Coronal Balance (C7PL to CSVL)		0.2325	0.3604	
5Y. Coronal Balance (C7PL to CSVL)		0.0897	0.0282	
	p.val_5.vs_the_rest	p.val_all		
Coronal Balance (C7PL to CSVL)		0.0514	0.0000	
6W. Coronal Balance (C7PL to CSVL)		0.0527	0.0004	
6M. Coronal Balance (C7PL to CSVL)		0.7846	0.3421	
1Y. Coronal Balance (C7PL to CSVL)		0.0816	0.0243	
2Y. Coronal Balance (C7PL to CSVL)		0.2667	0.1293	
5Y. Coronal Balance (C7PL to CSVL)		0.0102	0.0027	

	t0	t1	1	2	3	4	5	All
1: Preop	2Y	0.0390	0.0002	0.0000	0.2463	0.0830	0.0022	
2: Preop	5Y	0.0561	0.0003	0.0000	0.3223	0.3653	0.3650	
3: Preop	6W	0.6321	0.0000	0.0004	0.3731	0.0021	0.0863	
4:	6W 2Y	0.1091	0.3002	0.1112	0.8086	0.2593	0.1193	
5:	6W 5Y	0.1316	0.4261	0.0103	0.8006	0.0055	0.6818	
6:	2Y 5Y	0.9004	0.1341	0.3970	0.9545	0.0373	0.1212	
[1]	"Sagittal Balance"							
[1]	"6W. Sagittal Balance"							
[1]	"6M. Sagittal Balance"							
[1]	"1Y. Sagittal Balance"							
[1]	"2Y. Sagittal Balance"							
[1]	"5Y. Sagittal Balance"							

[1] "Sagittal Balance"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal Balance	42.04	63.31	-4.38	32.40	37.88	48.29	70.54	67.19
6W. Sagittal Balance	18.97	38.04	-0.05	33.70	21.72	32.53	27.82	34.78
6M. Sagittal Balance	16.82	44.97	-6.66	36.63	22.74	34.38	23.65	47.82
1Y. Sagittal Balance	19.03	48.94	-10.36	36.19	21.66	40.23	41.54	49.44
2Y. Sagittal Balance	24.73	49.99	-9.12	33.63	26.06	39.04	47.60	50.63
5Y. Sagittal Balance	34.60	48.82	9.52	34.49	42.34	43.71	39.44	51.28
	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	
Sagittal Balance	42.31	61.01	87.48	68.93	87.00369	2.066084	0e+00	
6W. Sagittal Balance	13.41	35.14	39.76	42.51	56.21815	2.962572	1e-04	
6M. Sagittal Balance	22.42	47.66	31.71	52.40	67.03006	3.974081	0e+00	
1Y. Sagittal Balance	17.86	46.94	39.84	56.45	70.63738	3.711569	0e+00	
2Y. Sagittal Balance	17.65	40.03	54.01	58.63	69.36408	2.802880	0e+00	
5Y. Sagittal Balance	22.36	31.83	55.04	67.40	71.33064	2.171038	8e-04	
	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all				
Sagittal Balance	0.0000	0.0000	0.0000	0.000				
6W. Sagittal Balance	0.0000	0.0485	0.0000	0.000				
6M. Sagittal Balance	0.0003	0.0008	0.0000	0.000				
1Y. Sagittal Balance	0.0000	0.0015	0.0000	0.000				
2Y. Sagittal Balance	0.0000	0.0013	0.0000	0.000				
5Y. Sagittal Balance	0.0125	0.2042	0.0072	0.002				
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5				
Sagittal Balance	0e+00	0.0024	0.6539	0.0000				
6W. Sagittal Balance	0e+00	0.3439	0.2202	0.0100				
6M. Sagittal Balance	0e+00	0.9105	0.9686	0.2879				
1Y. Sagittal Balance	0e+00	0.0238	0.6672	0.0518				
2Y. Sagittal Balance	0e+00	0.0194	0.3195	0.0056				
5Y. Sagittal Balance	3e-04	0.8034	0.0527	0.4292				
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5				
Sagittal Balance	0.4961	0.3943	0.0255	0.1816				
6W. Sagittal Balance	0.5324	0.4300	0.0614	0.1257				
6M. Sagittal Balance	0.2225	0.1305	0.9021	0.4253				
1Y. Sagittal Balance	0.6360	0.5523	0.0246	0.8744				
2Y. Sagittal Balance	0.8216	0.7804	0.0041	0.5735				
5Y. Sagittal Balance	0.3264	0.1880	0.1657	0.3712				
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all				

Sagittal Balance	0.0047	0.0010	0.0003	0.9759
6W. Sagittal Balance	0.1217	0.0727	0.0014	0.3566
6M. Sagittal Balance	0.3590	0.2772	0.3678	0.4675
1Y. Sagittal Balance	0.0052	0.0011	0.0456	0.8839
2Y. Sagittal Balance	0.0069	0.0013	0.0012	0.3461
5Y. Sagittal Balance	0.6439	0.5670	0.0525	0.1635

	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest
Sagittal Balance	0.9720	0.0000	0.0000
6W. Sagittal Balance	0.2923	0.0012	0.0001
6M. Sagittal Balance	0.3963	0.0606	0.0244
1Y. Sagittal Balance	0.8668	0.0161	0.0039
2Y. Sagittal Balance	0.2849	0.0019	0.0002
5Y. Sagittal Balance	0.1200	0.1840	0.1171

	p.val_all
Sagittal Balance	0.0000
6W. Sagittal Balance	0.0000
6M. Sagittal Balance	0.0000
1Y. Sagittal Balance	0.0000
2Y. Sagittal Balance	0.0000
5Y. Sagittal Balance	0.0068

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.3795	0.0975	0.0560	0.0253	0.0068	0.0002		
2: Preop 5Y	0.0666	0.5948	0.0212	0.0829	0.0609	0.1653		
3: Preop 6W	0.3997	0.0115	0.0001	0.0054	0.0000	0.0000		
4: 6W 2Y	0.1060	0.4877	0.0338	0.6298	0.1669	0.1329		
5: 6W 5Y	0.2099	0.0089	0.2898	0.3442	0.3318	0.0010		
6: 2Y 5Y	0.0192	0.0533	0.5041	0.6436	0.9512	0.0574		

[1] "Sagittal T2-T5"

[1] "6W. Sagittal T2-T5"

[1] "6M. Sagittal T2-T5"

[1] "1Y. Sagittal T2-T5"

[1] "2Y. Sagittal T2-T5"

[1] "5Y. Sagittal T2-T5"

[1] "Sagittal T2-T5"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal T2-T5	11.11	9.89	10.72	8.93	10.58	10.24	10.47	8.82
6W. Sagittal T2-T5	13.62	8.18	13.81	8.65	13.03	7.69	12.65	6.65
6M. Sagittal T2-T5	14.10	9.66	15.35	7.75	13.09	10.31	12.95	8.58
1Y. Sagittal T2-T5	13.81	9.59	16.48	7.88	12.16	8.95	11.24	9.23
2Y. Sagittal T2-T5	14.30	9.97	17.66	9.57	12.15	9.73	12.75	9.91
5Y. Sagittal T2-T5	15.80	11.74	18.61	11.64	15.39	11.32	16.51	12.15
	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	
Sagittal T2-T5	12.50	13.07	11.83	8.72	14.88507	1.3403689	0.9225	
6W. Sagittal T2-T5	14.42	9.38	14.48	8.59	12.95002	0.9523632	0.5485	
6M. Sagittal T2-T5	13.17	10.28	15.55	11.62	14.93038	1.0546917	0.1273	
1Y. Sagittal T2-T5	11.99	10.10	15.94	11.42	15.01795	1.0853120	0.0022	
2Y. Sagittal T2-T5	11.03	8.51	16.06	10.47	15.09281	1.0476301	0.0011	
5Y. Sagittal T2-T5	11.39	6.92	15.41	14.63	17.60237	1.0989357	0.2469	
	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all				

Sagittal T2-T5	0.8698	0.4008	0.4500	0.7286
6W. Sagittal T2-T5	0.3920	0.7409	0.6563	0.8596
6M. Sagittal T2-T5	0.1109	0.2195	0.9150	0.2244
1Y. Sagittal T2-T5	0.0014	0.0171	0.7673	0.0128
2Y. Sagittal T2-T5	0.0083	0.0005	0.3942	0.0099
5Y. Sagittal T2-T5	0.5041	0.0114	0.4045	0.2444
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
Sagittal T2-T5		0.6575	0.9437	0.3770
6W. Sagittal T2-T5		0.8113	0.7690	0.4439
6M. Sagittal T2-T5		0.1233	0.9390	0.9635
1Y. Sagittal T2-T5		0.0015	0.5847	0.9288
2Y. Sagittal T2-T5		0.0007	0.7497	0.5499
5Y. Sagittal T2-T5		0.1526	0.6937	0.1010
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
Sagittal T2-T5	0.6645		0.5670	0.3661
6W. Sagittal T2-T5	0.5572		0.4499	0.3400
6M. Sagittal T2-T5	0.4460		0.3227	0.9105
1Y. Sagittal T2-T5	0.1722		0.0814	0.7168
2Y. Sagittal T2-T5	0.1156		0.0449	0.3974
5Y. Sagittal T2-T5	0.8345		0.7749	0.0752
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Sagittal T2-T5	0.6349		0.5822	0.7582
6W. Sagittal T2-T5	0.3694		0.2984	0.9740
6M. Sagittal T2-T5	0.3955		0.3182	0.2924
1Y. Sagittal T2-T5	0.0776		0.0372	0.0827
2Y. Sagittal T2-T5	0.3237		0.2378	0.0176
5Y. Sagittal T2-T5	0.7758		0.7251	0.2639
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	
Sagittal T2-T5		0.4068	0.5556	0.4819
6W. Sagittal T2-T5		0.5846	0.4987	0.4149
6M. Sagittal T2-T5		0.5119	0.4046	0.3198
1Y. Sagittal T2-T5		0.2231	0.2089	0.1288
2Y. Sagittal T2-T5		0.0214	0.2801	0.1932
5Y. Sagittal T2-T5		0.0174	0.9060	0.8891
	p.val_all			
Sagittal T2-T5	0.7555			
6W. Sagittal T2-T5	0.7309			
6M. Sagittal T2-T5	0.3540			
1Y. Sagittal T2-T5	0.0032			
2Y. Sagittal T2-T5	0.0012			
5Y. Sagittal T2-T5	0.3763			

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.3325	0.2279	0.5345	0.0249	0.0001		
2: Preop 5Y	0.0019	0.0196	0.0230	0.6599	0.2878	0.0000		
3: Preop 6W	0.0229	0.0797	0.1660	0.4327	0.1009	0.0005		
4: 6W 2Y	0.0098	0.5574	0.9515	0.1151	0.4082	0.3811		
5: 6W 5Y	0.0485	0.2241	0.1239	0.1937	0.7813	0.0479		
6: 2Y 5Y	0.6982	0.1253	0.1657	0.8717	0.8537	0.1957		
[1] "Sagittal T5-T12"								
[1] "6W. Sagittal T5-T12"								
[1] "6M. Sagittal T5-T12"								
[1] "1Y. Sagittal T5-T12"								
[1] "2Y. Sagittal T5-T12"								

[1] "5Y. Sagittal T5-T12"

[1] "Sagittal T5-T12"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal T5-T12	32.93	18.74	37.12	21.26	32.05	17.73	26.73	15.59
6W. Sagittal T5-T12	33.82	13.86	29.00	14.25	36.00	13.47	34.05	11.23
6M. Sagittal T5-T12	34.80	13.70	30.45	13.32	37.09	13.33	34.09	13.58
1Y. Sagittal T5-T12	35.54	13.85	31.29	12.47	38.22	14.23	35.82	13.25
2Y. Sagittal T5-T12	36.26	15.70	30.49	11.12	42.12	19.43	36.69	14.93
5Y. Sagittal T5-T12	40.27	16.59	31.73	13.69	41.91	15.63	42.17	13.92

	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2
Sagittal T5-T12	32.46	18.58	34.05	17.91	31.25685	0.9489433	0.0814
6W. Sagittal T5-T12	35.51	14.93	36.70	13.63	22.69556	0.6751209	0.0017
6M. Sagittal T5-T12	35.20	14.71	38.50	12.62	22.72849	0.6570999	0.0023
1Y. Sagittal T5-T12	34.18	15.23	38.68	13.43	22.80846	0.6452597	0.0019
2Y. Sagittal T5-T12	35.15	12.90	37.58	16.16	24.43965	0.6800767	0.0001
5Y. Sagittal T5-T12	41.96	20.87	44.37	18.87	24.28229	0.6127512	0.0046

	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all
Sagittal T5-T12	0.0009	0.1800	0.3363	0.0903
6W. Sagittal T5-T12	0.0265	0.0242	0.0017	0.0066
6M. Sagittal T5-T12	0.1371	0.0770	0.0007	0.0111
1Y. Sagittal T5-T12	0.0608	0.3012	0.0020	0.0109
2Y. Sagittal T5-T12	0.0159	0.0688	0.0086	0.0005
5Y. Sagittal T5-T12	0.0056	0.0760	0.0116	0.0050

	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
Sagittal T5-T12	0.0255	0.0588	0.8983	0.4918
6W. Sagittal T5-T12	0.0003	0.3859	0.8620	0.7688
6M. Sagittal T5-T12	0.0009	0.2260	0.4822	0.5473
1Y. Sagittal T5-T12	0.0011	0.3454	0.1672	0.8532
2Y. Sagittal T5-T12	0.0000	0.0975	0.0342	0.1764
5Y. Sagittal T5-T12	0.0007	0.9413	0.9931	0.6017

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
Sagittal T5-T12	0.6726	0.5818	0.0922	0.0193
6W. Sagittal T5-T12	0.2129	0.1093	0.6125	0.2792
6M. Sagittal T5-T12	0.1872	0.0905	0.7054	0.0933
1Y. Sagittal T5-T12	0.1483	0.0604	0.5921	0.2851
2Y. Sagittal T5-T12	0.0275	0.0043	0.6133	0.7776
5Y. Sagittal T5-T12	0.5508	0.4175	0.9700	0.6486

	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Sagittal T5-T12	0.0094	0.0027	0.6468	0.8672
6W. Sagittal T5-T12	0.9004	0.8847	0.6895	0.5023
6M. Sagittal T5-T12	0.7359	0.6904	0.2431	0.8635
1Y. Sagittal T5-T12	0.8916	0.8725	0.1389	0.5914
2Y. Sagittal T5-T12	0.8559	0.8286	0.4401	0.6376
5Y. Sagittal T5-T12	0.5211	0.4377	0.7070	0.7447

	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest
Sagittal T5-T12	0.8471	0.6511	0.5891
6W. Sagittal T5-T12	0.4429	0.1515	0.0847
6M. Sagittal T5-T12	0.8412	0.0578	0.0250
1Y. Sagittal T5-T12	0.5351	0.1233	0.0651
2Y. Sagittal T5-T12	0.5934	0.5959	0.5221

5Y. Sagittal T5-T12	0.7099	0.3447	0.2678
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	p.val_all
Sagittal T5-T12	0.0260
6W. Sagittal T5-T12	0.0041
6M. Sagittal T5-T12	0.0064
1Y. Sagittal T5-T12	0.0103
2Y. Sagittal T5-T12	0.0005
5Y. Sagittal T5-T12	0.0376

	t0	t1	1	2	3	4	5	All
1: Preop	2Y	0.0117	0.0012	0.0013	0.4304	0.2737	0.0161	
2: Preop	5Y	0.1160	0.0013	0.0000	0.0998	0.0318	0.0000	
3: Preop	6W	0.0034	0.1006	0.0070	0.3902	0.3620	0.4837	
4:	6W 2Y	0.4639	0.0358	0.3299	0.9106	0.7644	0.0500	
5:	6W 5Y	0.3651	0.0392	0.0105	0.2482	0.0930	0.0001	
6:	2Y 5Y	0.6677	0.9510	0.1087	0.2169	0.1515	0.0183	

[1] "Sagittal T2-T12"

[1] "6W. Sagittal T2-T12"

[1] "6M. Sagittal T2-T12"

[1] "1Y. Sagittal T2-T12"

[1] "2Y. Sagittal T2-T12"

[1] "5Y. Sagittal T2-T12"

[1] "Sagittal T2-T12"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal T2-T12	39.94	19.67	43.41	20.67	38.76	19.00	33.08	15.99
6W. Sagittal T2-T12	43.21	15.32	38.60	15.48	45.69	14.99	40.88	13.53
6M. Sagittal T2-T12	44.84	15.23	41.85	13.78	46.07	14.66	43.73	15.10
1Y. Sagittal T2-T12	45.05	15.11	42.06	14.12	46.61	15.03	44.19	16.24
2Y. Sagittal T2-T12	45.63	15.41	43.66	13.39	47.79	16.65	45.90	16.71
5Y. Sagittal T2-T12	49.56	16.96	45.09	15.23	52.40	16.39	50.83	15.39

	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2
Sagittal T2-T12	40.69	22.27	42.16	18.76	31.83132	0.7967957	0.1131
6W. Sagittal T2-T12	45.33	16.62	47.46	14.38	25.09977	0.5828532	0.0035
6M. Sagittal T2-T12	43.32	16.63	50.36	16.09	24.65436	0.5514830	0.0639
1Y. Sagittal T2-T12	42.80	15.87	50.02	13.93	24.36400	0.5420928	0.0547
2Y. Sagittal T2-T12	41.84	13.22	48.22	16.32	25.70461	0.5669541	0.1096
5Y. Sagittal T2-T12	43.25	17.97	52.95	20.17	27.23099	0.5530753	0.0560

	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all
Sagittal T2-T12	0.0010	0.4757	0.6971	0.1534
6W. Sagittal T2-T12	0.3738	0.0359	0.0008	0.0161
6M. Sagittal T2-T12	0.4753	0.6117	0.0025	0.0905
1Y. Sagittal T2-T12	0.4505	0.8015	0.0020	0.1019
2Y. Sagittal T2-T12	0.4369	0.5012	0.1081	0.2803
5Y. Sagittal T2-T12	0.1595	0.7246	0.1350	0.1660

	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
Sagittal T2-T12	0.0626	0.0532	0.6008	0.2691
6W. Sagittal T2-T12	0.0013	0.0654	0.9110	0.4934
6M. Sagittal T2-T12	0.0282	0.3904	0.3572	0.1313
1Y. Sagittal T2-T12	0.0332	0.4049	0.2113	0.1950
2Y. Sagittal T2-T12	0.1656	0.5504	0.0487	0.8916

5Y. Sagittal T2-T12	0.0916	0.6773	0.0787	0.9122
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
Sagittal T2-T12	0.5929	0.4839	0.0479	0.0054
6W. Sagittal T2-T12	0.2005	0.0987	0.1806	0.0181
6M. Sagittal T2-T12	0.5161	0.4033	0.9003	0.0360
1Y. Sagittal T2-T12	0.4231	0.2994	0.6836	0.0576
2Y. Sagittal T2-T12	0.3364	0.2133	0.2149	0.4921
5Y. Sagittal T2-T12	0.3218	0.1745	0.1565	0.6823
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Sagittal T2-T12	0.0053	0.0013	0.7080	0.8214
6W. Sagittal T2-T12	0.2761	0.2039	0.5197	0.4537
6M. Sagittal T2-T12	0.6316	0.5719	0.0380	0.5617
1Y. Sagittal T2-T12	0.7301	0.6822	0.0248	0.3966
2Y. Sagittal T2-T12	0.9170	0.9005	0.0489	0.1156
5Y. Sagittal T2-T12	0.6935	0.6306	0.1216	0.1844
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	
Sagittal T2-T12	0.7931	0.3937		0.3090
6W. Sagittal T2-T12	0.3933	0.0494		0.0191
6M. Sagittal T2-T12	0.4978	0.0268		0.0091
1Y. Sagittal T2-T12	0.3291	0.0231		0.0073
2Y. Sagittal T2-T12	0.0738	0.3073		0.2201
5Y. Sagittal T2-T12	0.1352	0.4602		0.3847
	p.val_all			
Sagittal T2-T12	0.0291			
6W. Sagittal T2-T12	0.0029			
6M. Sagittal T2-T12	0.0261			
1Y. Sagittal T2-T12	0.0319			
2Y. Sagittal T2-T12	0.1886			
5Y. Sagittal T2-T12	0.1550			

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.9276	0.0016	0.0001	0.7617	0.0708	0.0001		
2: Preop 5Y	0.6391	0.0000	0.0000	0.6363	0.0346	0.0000		
3: Preop 6W	0.0818	0.0083	0.0083	0.2606	0.0855	0.0168		
4: 6W 2Y	0.0290	0.4289	0.1078	0.3139	0.8039	0.0591		
5: 6W 5Y	0.0538	0.0280	0.0057	0.6862	0.2533	0.0002		
6: 2Y 5Y	0.6585	0.1529	0.1927	0.7760	0.3395	0.0221		

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[1] "Lordosis (top of L1-S1)"
[1] "6W. Lordosis (top of L1-S1)"
[1] "6M. Lordosis (top of L1-S1)"
[1] "1Y. Lordosis (top of L1-S1)"
[1] "2Y. Lordosis (top of L1-S1)"
[1] "5Y. Lordosis (top of L1-S1)"
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[1] "Lordosis (top of L1-S1)"
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	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean
Lordosis (top of L1-S1)	-43.65	20.54	-56.00	18.89	-44.15	18.03	-31.03
6W. Lordosis (top of L1-S1)	-51.29	14.25	-54.02	13.57	-50.69	13.50	-46.39
6M. Lordosis (top of L1-S1)	-50.93	14.34	-55.15	13.14	-50.62	12.89	-45.82
1Y. Lordosis (top of L1-S1)	-51.20	14.45	-56.42	13.29	-50.87	12.76	-44.39
2Y. Lordosis (top of L1-S1)	-51.60	15.12	-56.37	13.34	-52.82	13.37	-45.17

5Y. Lordosis (top of L1-S1)	-50.58	16.04	-56.26	17.51	-48.37	15.69	-44.50
	3.sd	4.mean	4.sd	5.mean	5.sd	maes.mae	
Lordosis (top of L1-S1)	19.49	-44.62	19.25	-34.64	17.94	29.96166	
6W. Lordosis (top of L1-S1)	14.94	-53.98	13.97	-50.76	14.92	24.51301	
6M. Lordosis (top of L1-S1)	14.51	-52.68	14.64	-48.55	16.03	22.86428	
1Y. Lordosis (top of L1-S1)	14.61	-53.94	14.87	-48.45	15.14	22.47006	
2Y. Lordosis (top of L1-S1)	15.00	-52.67	14.44	-48.10	17.91	23.96828	
5Y. Lordosis (top of L1-S1)	14.77	-57.43	10.68	-50.13	16.93	24.34826	
	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4			
Lordosis (top of L1-S1)	-0.6865306	0.0000	0.0000	0.0007			
6W. Lordosis (top of L1-S1)	-0.4779135	0.1063	0.0028	0.9873			
6M. Lordosis (top of L1-S1)	-0.4490623	0.0250	0.0003	0.3409			
1Y. Lordosis (top of L1-S1)	-0.4389231	0.0072	0.0000	0.3638			
2Y. Lordosis (top of L1-S1)	-0.4658434	0.1076	0.0001	0.1901			
5Y. Lordosis (top of L1-S1)	-0.4845646	0.0531	0.0077	0.7777			
	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3			
Lordosis (top of L1-S1)	0.0000	0.0000		0.0000	0.0001		
6W. Lordosis (top of L1-S1)	0.1782	0.1022		0.0350	0.0843		
6M. Lordosis (top of L1-S1)	0.0115	0.0114		0.0012	0.0509		
1Y. Lordosis (top of L1-S1)	0.0017	0.0025		0.0001	0.0102		
2Y. Lordosis (top of L1-S1)	0.0057	0.0080		0.0006	0.0053		
5Y. Lordosis (top of L1-S1)	0.2131	0.1145		0.0523	0.2844		
	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest			
Lordosis (top of L1-S1)	0.8845	0.0014	0.8148		0.7635		
6W. Lordosis (top of L1-S1)	0.1974	0.9787	0.7145		0.6343		
6M. Lordosis (top of L1-S1)	0.4201	0.4158	0.8474		0.8042		
1Y. Lordosis (top of L1-S1)	0.2528	0.3205	0.8383		0.7928		
2Y. Lordosis (top of L1-S1)	0.9588	0.1121	0.5032		0.3950		
5Y. Lordosis (top of L1-S1)	0.0111	0.6844	0.4110		0.2549		
	p.val_3.4	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest			
Lordosis (top of L1-S1)	0.0004	0.3035	0.0000		0.0000		
6W. Lordosis (top of L1-S1)	0.0102	0.1183	0.0262		0.0088		
6M. Lordosis (top of L1-S1)	0.0208	0.3509	0.0199		0.0063		
1Y. Lordosis (top of L1-S1)	0.0024	0.1571	0.0029		0.0005		
2Y. Lordosis (top of L1-S1)	0.0211	0.3762	0.0078		0.0017		
5Y. Lordosis (top of L1-S1)	0.0012	0.2212	0.0526		0.0187		
	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest				
Lordosis (top of L1-S1)	0.0047	0.7332		0.6926			
6W. Lordosis (top of L1-S1)	0.2575	0.2319		0.1722			
6M. Lordosis (top of L1-S1)	0.1725	0.4440		0.3760			
1Y. Lordosis (top of L1-S1)	0.0721	0.2610		0.1975			
2Y. Lordosis (top of L1-S1)	0.1839	0.6714		0.6284			
5Y. Lordosis (top of L1-S1)	0.1058	0.0232		0.0117			
	p.val_5.all	p.val_5.vs_the_rest	p.val_all				
Lordosis (top of L1-S1)	0.0005		0.0000	0.0000			
6W. Lordosis (top of L1-S1)	0.7968		0.7563	0.0206			
6M. Lordosis (top of L1-S1)	0.2968		0.2107	0.0024			
1Y. Lordosis (top of L1-S1)	0.2040		0.1255	0.0000			
2Y. Lordosis (top of L1-S1)	0.1892		0.1116	0.0005			
5Y. Lordosis (top of L1-S1)	0.9072		0.8916	0.0157			

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.8796	0.0005	0.0001	0.0242	0.0001	0.0000	0.0000	
2: Preop 5Y	0.9451	0.1571	0.0007	0.0009	0.0008	0.0001		


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3: Preop 6W 0.4193 0.0057 0.0000 0.0062 0.0000 0.0000
4:      6W 2Y 0.2674 0.3199 0.6810 0.6783 0.3980 0.7935
5:      6W 5Y 0.5331 0.3955 0.5804 0.2971 0.8779 0.6457
6:      2Y 5Y 0.9748 0.1158 0.8480 0.1736 0.6459 0.5257
[1] "Pelvic Incidence"
[1] "6W. Pelvic Incidence"
[1] "6M. Pelvic Incidence"
[1] "1Y. Pelvic Incidence"
[1] "2Y. Pelvic Incidence"
[1] "5Y. Pelvic Incidence"

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[1] "Pelvic Incidence"
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	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Pelvic Incidence	54.04	13.15	49.21	11.24	55.73	13.15	53.16	13.53
6W. Pelvic Incidence	54.13	13.02	49.44	11.42	56.63	12.75	52.54	13.93
6M. Pelvic Incidence	53.98	12.73	49.92	11.54	55.96	12.50	52.29	13.73
1Y. Pelvic Incidence	53.63	12.63	49.23	11.96	56.19	12.70	52.68	13.54
2Y. Pelvic Incidence	53.75	12.49	50.17	10.51	56.00	13.34	53.27	13.23
5Y. Pelvic Incidence	54.87	12.46	53.39	12.20	55.12	12.66	50.32	13.46

	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2
Pelvic Incidence	54.51	13.43	58.73	13.19	21.12984	0.3910207	0.0004
6W. Pelvic Incidence	53.80	13.07	58.56	12.66	20.52208	0.3791202	0.0001
6M. Pelvic Incidence	54.74	12.48	57.83	12.48	20.40980	0.3780618	0.0013
1Y. Pelvic Incidence	53.65	12.17	56.72	11.42	20.27857	0.3781244	0.0004
2Y. Pelvic Incidence	53.30	12.43	56.62	12.38	20.21954	0.3759398	0.0040
5Y. Pelvic Incidence	58.69	9.39	59.18	11.78	20.76556	0.3819449	0.5581

	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all
Pelvic Incidence	0.0728	0.0169	0.0000	0.0006
6W. Pelvic Incidence	0.1766	0.0638	0.0000	0.0015
6M. Pelvic Incidence	0.3013	0.0328	0.0003	0.0061
1Y. Pelvic Incidence	0.1422	0.0572	0.0003	0.0046
2Y. Pelvic Incidence	0.1775	0.1882	0.0028	0.0129
5Y. Pelvic Incidence	0.3669	0.1013	0.0934	0.5553

	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
Pelvic Incidence	0.0000	0.2596	0.5917	0.1629
6W. Pelvic Incidence	0.0001	0.0822	0.2364	0.3629
6M. Pelvic Incidence	0.0005	0.1154	0.5889	0.3854
1Y. Pelvic Incidence	0.0003	0.1380	0.2770	0.7949
2Y. Pelvic Incidence	0.0015	0.2758	0.2939	0.7911
5Y. Pelvic Incidence	0.4705	0.1296	0.2237	0.2006

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
Pelvic Incidence	0.2665	0.1445	0.6026	0.0258
6W. Pelvic Incidence	0.1061	0.0345	0.6439	0.0174
6M. Pelvic Incidence	0.1934	0.0880	0.3523	0.0300
1Y. Pelvic Incidence	0.1028	0.0319	0.7132	0.0976
2Y. Pelvic Incidence	0.2008	0.0958	0.9920	0.1972
5Y. Pelvic Incidence	0.9085	0.8726	0.0159	0.0158

	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Pelvic Incidence	0.6544	0.6007	0.0899	0.8104
6W. Pelvic Incidence	0.4340	0.3550	0.0633	0.8728
6M. Pelvic Incidence	0.4029	0.3226	0.2136	0.7006

1Y. Pelvic Incidence	0.6399	0.5806	0.2023	0.9894
2Y. Pelvic Incidence	0.8155	0.7820	0.2125	0.8325
5Y. Pelvic Incidence	0.1008	0.0438	0.8849	0.1305

	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest
Pelvic Incidence	0.7797	0.0108	0.0024
6W. Pelvic Incidence	0.8543	0.0143	0.0033
6M. Pelvic Incidence	0.6568	0.0370	0.0135
1Y. Pelvic Incidence	0.9879	0.0660	0.0281
2Y. Pelvic Incidence	0.8088	0.1293	0.0684
5Y. Pelvic Incidence	0.0906	0.1236	0.0744

	p.val_all
Pelvic Incidence	0.0002
6W. Pelvic Incidence	0.0002
6M. Pelvic Incidence	0.0020
1Y. Pelvic Incidence	0.0019
2Y. Pelvic Incidence	0.0217
5Y. Pelvic Incidence	0.0688

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.5754	0.8953	0.9672	0.6574	0.3793	0.7806		
2: Preop 5Y	0.1098	0.7906	0.3625	0.1523	0.8826	0.5054		
3: Preop 6W	0.8941	0.6390	0.8136	0.7910	0.9409	0.9244		
4: 6W 2Y	0.6795	0.7646	0.7875	0.8585	0.4138	0.7138		
5: 6W 5Y	0.1347	0.5139	0.4821	0.1041	0.8367	0.5585		
6: 2Y 5Y	0.2167	0.7176	0.3541	0.0784	0.4054	0.3823		

[1] "Pelvic Tilt"

[1] "6W. Pelvic Tilt"

[1] "6M. Pelvic Tilt"

[1] "1Y. Pelvic Tilt"

[1] "2Y. Pelvic Tilt"

[1] "5Y. Pelvic Tilt"

[1] "Pelvic Tilt"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean
Pelvic Tilt	22.04	11.06	12.48	8.04	23.43	9.06	26.91	10.18	21.88
6W. Pelvic Tilt	18.14	9.66	11.70	7.98	20.93	7.86	19.69	9.45	16.28
6M. Pelvic Tilt	19.59	10.09	12.52	8.95	21.75	7.84	21.59	8.95	18.75
1Y. Pelvic Tilt	19.40	10.27	11.55	8.29	22.50	8.46	22.10	9.75	17.83
2Y. Pelvic Tilt	19.21	9.44	11.94	7.33	22.02	8.67	23.04	8.96	18.12
5Y. Pelvic Tilt	21.92	9.93	13.63	8.77	25.01	8.53	22.08	8.17	21.54
	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3		
Pelvic Tilt	11.00	29.23	9.10	15.15162	0.6875691	0	0e+00		
6W. Pelvic Tilt	10.06	22.76	9.41	14.78218	0.8150496	0	0e+00		
6M. Pelvic Tilt	10.92	25.14	9.69	14.28917	0.7294654	0	0e+00		
1Y. Pelvic Tilt	9.98	24.11	9.85	14.87529	0.7669901	0	0e+00		
2Y. Pelvic Tilt	8.18	23.27	8.44	13.90592	0.7236243	0	0e+00		
5Y. Pelvic Tilt	9.28	26.49	10.77	14.89437	0.6893047	0	4e-04		
	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3				
Pelvic Tilt	0.0000	0	0		0	0.0395			
6W. Pelvic Tilt	0.0104	0	0		0	0.4211			
6M. Pelvic Tilt	0.0014	0	0		0	0.9145			

1Y. Pelvic Tilt	0.0008	0	0	0	0.8094
2Y. Pelvic Tilt	0.0002	0	0	0	0.5411
5Y. Pelvic Tilt	0.0064	0	0	0	0.1421
	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4
Pelvic Tilt	0.3885	0.0001	0.2068	0.1073	0.0164
6W. Pelvic Tilt	0.0085	0.2139	0.0055	0.0004	0.0877
6M. Pelvic Tilt	0.1009	0.0300	0.0341	0.0074	0.1625
1Y. Pelvic Tilt	0.0106	0.3105	0.0051	0.0003	0.0396
2Y. Pelvic Tilt	0.0226	0.4273	0.0181	0.0025	0.0098
5Y. Pelvic Tilt	0.1798	0.5768	0.0431	0.0063	0.8412
	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Pelvic Tilt	0.2002	0.0018	0.0003	0.0002	0.9252
6W. Pelvic Tilt	0.0838	0.2690	0.1933	0.0011	0.2474
6M. Pelvic Tilt	0.0488	0.1432	0.0867	0.0025	0.6231
1Y. Pelvic Tilt	0.2858	0.0730	0.0355	0.0022	0.3393
2Y. Pelvic Tilt	0.8973	0.0090	0.0022	0.0048	0.4516
5Y. Pelvic Tilt	0.1176	0.9267	0.9118	0.1272	0.8732
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	p.val_all	
Pelvic Tilt	0.9133	0.0000	0.0000	0	
6W. Pelvic Tilt	0.1845	0.0007	0.0001	0	
6M. Pelvic Tilt	0.5682	0.0002	0.0000	0	
1Y. Pelvic Tilt	0.2735	0.0013	0.0001	0	
2Y. Pelvic Tilt	0.3917	0.0027	0.0004	0	
5Y. Pelvic Tilt	0.8567	0.0723	0.0367	0	

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.6547	0.3100	0.0447	0.0658	0.0004	0.0006		
2: Preop 5Y	0.5362	0.3148	0.0216	0.8996	0.2931	0.9094		
3: Preop 6W	0.5264	0.0468	0.0002	0.0102	0.0002	0.0000		
4: 6W 2Y	0.8442	0.4117	0.0705	0.3609	0.7651	0.1664		
5: 6W 5Y	0.3034	0.0083	0.2330	0.0551	0.1600	0.0001		
6: 2Y 5Y	0.3630	0.0686	0.6340	0.1903	0.2211	0.0071		
[1] "Sacral Slope"								
[1] "6W. Sacral Slope"								
[1] "6M. Sacral Slope"								
[1] "1Y. Sacral Slope"								
[1] "2Y. Sacral Slope"								
[1] "5Y. Sacral Slope"								

[1] "Sacral Slope"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean
Sacral Slope	32.41	11.21	36.90	9.91	32.19	11.76	27.18	10.94	33.99
6W. Sacral Slope	35.93	10.21	37.65	9.34	35.65	10.13	32.68	10.09	37.39
6M. Sacral Slope	34.38	10.10	37.63	9.21	34.11	9.61	30.50	10.98	35.71
1Y. Sacral Slope	34.27	9.71	37.80	10.00	33.63	9.59	30.52	10.44	35.76
2Y. Sacral Slope	34.63	10.43	38.33	10.53	33.91	9.83	30.31	10.90	35.08
5Y. Sacral Slope	32.96	10.82	39.79	10.77	30.11	10.54	28.24	10.60	37.15
	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3		
Sacral Slope	10.07	29.39	10.75	17.58225	0.5425349	0.0035	0.0000		
6W. Sacral Slope	9.15	35.72	11.81	16.27706	0.4530464	0.1777	0.0044		
6M. Sacral Slope	8.83	32.58	10.84	15.89300	0.4623270	0.0163	0.0002		

1Y. Sacral Slope	7.52	32.54	8.71	14.67280	0.4281119	0.0072	0.0001
2Y. Sacral Slope	7.69	33.84	10.90	16.02320	0.4625706	0.0097	0.0001
5Y. Sacral Slope	7.32	32.70	9.07	15.48150	0.4724905	0.0003	0.0001
	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3		
Sacral Slope	0.0955	0.0000	0.0002		0.0000	0.0100	
6W. Sacral Slope	0.8775	0.2908	0.1387		0.0577	0.0926	
6M. Sacral Slope	0.2457	0.0052	0.0059		0.0004	0.0503	
1Y. Sacral Slope	0.2048	0.0013	0.0054		0.0003	0.0864	
2Y. Sacral Slope	0.0646	0.0226	0.0077		0.0005	0.0711	
5Y. Sacral Slope	0.3220	0.0140	0.0034		0.0004	0.4593	
	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4		
Sacral Slope	0.3294	0.1249	0.8738		0.8335	0.0011	
6W. Sacral Slope	0.3192	0.9691	0.8185		0.7639	0.0169	
6M. Sacral Slope	0.3361	0.3892	0.8238		0.7714	0.0100	
1Y. Sacral Slope	0.1737	0.4811	0.5879		0.4777	0.0059	
2Y. Sacral Slope	0.4985	0.9702	0.5894		0.4892	0.0209	
5Y. Sacral Slope	0.0040	0.3020	0.1167		0.0296	0.0014	
	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5			
Sacral Slope	0.2731	0.0017		0.0003	0.0192		
6W. Sacral Slope	0.1401	0.0321		0.0119	0.4142		
6M. Sacral Slope	0.3216	0.0186		0.0056	0.1094		
1Y. Sacral Slope	0.2796	0.0190		0.0058	0.0495		
2Y. Sacral Slope	0.1110	0.0140		0.0038	0.5312		
5Y. Sacral Slope	0.1127	0.0351		0.0103	0.0939		
	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all				
Sacral Slope	0.2963		0.2277	0.0446			
6W. Sacral Slope	0.3254		0.2623	0.8979			
6M. Sacral Slope	0.3464		0.2793	0.2508			
1Y. Sacral Slope	0.2467		0.1894	0.1743			
2Y. Sacral Slope	0.7504		0.7194	0.6316			
5Y. Sacral Slope	0.0402		0.0224	0.9034			
	p.val_5.vs_the_rest	p.val_all					
Sacral Slope		0.0168	0.0000				
6W. Sacral Slope		0.8762	0.0632				
6M. Sacral Slope		0.1704	0.0007				
1Y. Sacral Slope		0.1050	0.0002				
2Y. Sacral Slope		0.5627	0.0009				
5Y. Sacral Slope		0.8885	0.0001				

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.3722	0.3067	0.1528	0.5619	0.0305	0.0099		
2: Preop 5Y	0.2059	0.2912	0.6689	0.1609	0.1693	0.6118		
3: Preop 6W	0.6054	0.0343	0.0077	0.0835	0.0023	0.0000		
4: 6W 2Y	0.6680	0.2776	0.2623	0.2144	0.3822	0.1211		
5: 6W 5Y	0.3446	0.0043	0.0692	0.9138	0.2241	0.0055		
6: 2Y 5Y	0.5349	0.0531	0.4147	0.3366	0.6422	0.1272		


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[1] "RLL"
[1] "6W. RLL"
[1] "6M. RLL"
[1] "1Y. RLL"
[1] "2Y. RLL"
[1] "5Y. RLL"

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[1] "RLL"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean	4.sd
RLL	-18.90	20.37	-3.28	17.07	-19.40	16.91	-30.93	18.61	-18.18	18.63
6W. RLL	-11.20	13.03	-5.11	11.89	-13.50	11.31	-15.23	12.19	-8.36	13.39
6M. RLL	-11.50	13.36	-4.96	11.76	-12.92	11.19	-15.60	12.14	-10.25	14.92
1Y. RLL	-11.16	13.85	-3.19	11.49	-12.96	11.37	-17.27	13.21	-8.33	14.46
2Y. RLL	-10.52	14.03	-3.68	11.12	-10.86	12.31	-16.73	13.17	-9.37	13.02
5Y. RLL	-12.44	14.28	-5.84	14.61	-14.80	13.58	-15.70	12.30	-7.96	10.88

	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4
RLL	-30.78	17.49	28.60548	-1.513288	0.0000	0.0000	0.0000
6W. RLL	-14.55	14.19	22.67043	-2.026028	0.0000	0.0000	0.1806
6M. RLL	-16.07	14.83	21.22989	-1.846048	0.0000	0.0000	0.0398
1Y. RLL	-15.71	15.06	21.85180	-1.954495	0.0000	0.0000	0.0496
2Y. RLL	-15.15	17.14	21.93886	-2.053996	0.0003	0.0000	0.0247
5Y. RLL	-15.57	17.21	22.87642	-1.835856	0.0102	0.0075	0.5723

	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
RLL	0.0000	0.0000		0.0000	0.0003	0.6913
6W. RLL	0.0001	0.0001		0.0000	0.3997	0.0320
6M. RLL	0.0000	0.0000		0.0000	0.1954	0.2874
1Y. RLL	0.0000	0.0000		0.0000	0.0561	0.0711
2Y. RLL	0.0001	0.0000		0.0000	0.0171	0.5628
5Y. RLL	0.0391	0.0317		0.0087	0.7683	0.0422

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	p.val_3.all
RLL	0.8072		0.7558	0.0006	0.9649
6W. RLL	0.1032		0.0361	0.0101	0.7817
6M. RLL	0.3179		0.2027	0.0542	0.8581
1Y. RLL	0.2210		0.1186	0.0026	0.5666
2Y. RLL	0.8390		0.7966	0.0119	0.6074
5Y. RLL	0.3137		0.1654	0.0299	0.9753

	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest
RLL	0.0000	0.0003	0.7934	0.7613
6W. RLL	0.0103	0.0249	0.1907	0.1347
6M. RLL	0.0100	0.0511	0.5899	0.5311
1Y. RLL	0.0006	0.0144	0.2312	0.1690
2Y. RLL	0.0008	0.0726	0.6146	0.5656
5Y. RLL	0.1315	0.0981	0.1261	0.0869

	p.val_5.all	p.val_5.vs_the_rest	p.val_all
RLL	0.0000	0.0000	0.000
6W. RLL	0.0902	0.0403	0.000
6M. RLL	0.0343	0.0116	0.000
1Y. RLL	0.0354	0.0110	0.000
2Y. RLL	0.0709	0.0283	0.000
5Y. RLL	0.4251	0.3494	0.017

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.8561	0.0002	0.0000	0.0090	0.0000	0.0000	0.0000	
2: Preop 5Y	0.4357	0.0853	0.0000	0.0066	0.0010	0.0001		
3: Preop 6W	0.4144	0.0058	0.0000	0.0032	0.0000	0.0000		
4: 6W 2Y	0.4402	0.1665	0.5580	0.7302	0.8414	0.5387		
5: 6W 5Y	0.8088	0.5787	0.8689	0.9044	0.8054	0.3727		
6: 2Y 5Y	0.4769	0.1157	0.7326	0.6745	0.9246	0.1878		

[1] "Global Tilt"

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[1] "6W. Global Tilt"
[1] "6M. Global Tilt"
[1] "1Y. Global Tilt"
[1] "2Y. Global Tilt"
[1] "5Y. Global Tilt"

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[1] "Global Tilt"

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	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean
Global Tilt	26.40	17.81	10.52	10.88	27.21	12.91	35.21	17.77	25.31
6W. Global Tilt	18.61	12.17	10.19	9.50	21.65	9.40	20.56	12.03	16.46
6M. Global Tilt	20.43	13.77	10.47	11.91	22.98	10.31	23.11	12.25	19.93
1Y. Global Tilt	20.77	13.96	9.90	10.23	24.39	10.94	24.85	13.56	18.32
2Y. Global Tilt	20.87	14.03	9.27	9.06	24.05	11.87	27.99	13.52	18.97
5Y. Global Tilt	24.93	14.93	13.28	11.53	28.85	12.53	25.85	13.21	23.06

	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3
Global Tilt	17.81	39.79	15.54	23.77209	0.8984177	0	0e+00
6W. Global Tilt	12.57	26.19	11.92	17.78497	0.9545129	0	0e+00
6M. Global Tilt	15.28	28.66	13.08	19.51632	0.9550356	0	0e+00
1Y. Global Tilt	13.41	27.80	14.41	20.25577	0.9751658	0	0e+00
2Y. Global Tilt	11.07	28.40	14.16	19.59649	0.9395147	0	0e+00
5Y. Global Tilt	11.35	32.41	19.56	21.79650	0.8913238	0	3e-04

	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3
Global Tilt	0.0000	0e+00	0	0	0.0051
6W. Global Tilt	0.0074	0e+00	0	0	0.5958
6M. Global Tilt	0.0009	0e+00	0	0	0.9510
1Y. Global Tilt	0.0011	0e+00	0	0	0.8461
2Y. Global Tilt	0.0000	0e+00	0	0	0.1212
5Y. Global Tilt	0.0071	3e-04	0	0	0.3327

	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4
Global Tilt	0.5006	0.0000	0.6205	0.5362	0.0053
6W. Global Tilt	0.0252	0.0227	0.0199	0.0035	0.1243
6M. Global Tilt	0.2498	0.0105	0.0735	0.0249	0.2828
1Y. Global Tilt	0.0168	0.1492	0.0189	0.0032	0.0270
2Y. Global Tilt	0.0362	0.0859	0.0643	0.0201	0.0017
5Y. Global Tilt	0.0838	0.4410	0.0820	0.0197	0.4463

	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
Global Tilt	0.1474	0.0013	0.0002	0.0000	0.6837
6W. Global Tilt	0.0204	0.3024	0.2245	0.0003	0.3138
6M. Global Tilt	0.0317	0.1713	0.1092	0.0045	0.8412
1Y. Global Tilt	0.2927	0.0615	0.0276	0.0015	0.2880
2Y. Global Tilt	0.8878	0.0021	0.0003	0.0010	0.3631
5Y. Global Tilt	0.1837	0.7398	0.6872	0.0675	0.5314

	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	p.val_all
Global Tilt	0.6352	0.0000	0.0000	0
6W. Global Tilt	0.2478	0.0001	0.0000	0
6M. Global Tilt	0.8161	0.0001	0.0000	0
1Y. Global Tilt	0.2216	0.0015	0.0001	0
2Y. Global Tilt	0.3037	0.0011	0.0001	0
5Y. Global Tilt	0.4827	0.0980	0.0531	0

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t0 t1      1      2      3      4      5      All

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1: Preop 2Y 0.4385 0.1141 0.0255 0.0440 0.0001 0.0000
2: Preop 5Y 0.2653 0.4733 0.0085 0.5390 0.1199 0.3519
3: Preop 6W 0.8386 0.0014 0.0000 0.0064 0.0000 0.0000
4:   6W 2Y 0.5495 0.1898 0.0068 0.3605 0.3984 0.0442
5:   6W 5Y 0.2047 0.0012 0.0840 0.0555 0.1760 0.0000
6:   2Y 5Y 0.1013 0.0453 0.5043 0.2198 0.3930 0.0077
[1] "T1 Sagittal Tilt"
[1] "6W. T1 Sagittal Tilt"
[1] "6M. T1 Sagittal Tilt"
[1] "1Y. T1 Sagittal Tilt"
[1] "2Y. T1 Sagittal Tilt"
[1] "5Y. T1 Sagittal Tilt"

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[1] "T1 Sagittal Tilt"

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	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean							
T1 Sagittal Tilt	-1.83	6.17	-4.73	4.11	-2.82	5.19	0.62	6.88	-1.67							
6W. T1 Sagittal Tilt	-3.58	4.02	-4.13	4.00	-3.74	3.96	-3.10	3.48	-4.00							
6M. T1 Sagittal Tilt	-4.11	4.33	-5.01	3.59	-4.42	3.55	-3.85	5.24	-3.68							
1Y. T1 Sagittal Tilt	-3.92	5.02	-4.99	4.37	-3.88	4.93	-3.09	5.64	-4.22							
2Y. T1 Sagittal Tilt	-3.60	4.51	-5.11	3.49	-4.00	3.85	-2.35	4.99	-4.24							
5Y. T1 Sagittal Tilt	-2.71	4.90	-3.79	3.35	-2.71	4.08	-1.96	5.48	-4.01							
	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3									
T1 Sagittal Tilt	5.31	1.57	7.68	8.921313	-4.976519	0.0094	0.0000									
6W. T1 Sagittal Tilt	3.26	-2.69	5.02	6.426720	-1.793597	0.5563	0.1427									
6M. T1 Sagittal Tilt	4.20	-3.00	5.24	6.765222	-1.648027	0.3224	0.1836									
1Y. T1 Sagittal Tilt	4.08	-3.10	5.88	7.565408	-1.932951	0.1731	0.0707									
2Y. T1 Sagittal Tilt	3.61	-1.55	5.70	6.742267	-1.885323	0.0833	0.0022									
5Y. T1 Sagittal Tilt	3.18	-1.28	7.64	6.799088	-2.486134	0.2213	0.1344									
	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest												
T1 Sagittal Tilt	0.0007	0.0000	0.0000	0.0000												
6W. T1 Sagittal Tilt	0.8572	0.1063	0.3083	0.1846												
6M. T1 Sagittal Tilt	0.0889	0.0219	0.0729	0.0237												
1Y. T1 Sagittal Tilt	0.3736	0.0622	0.0951	0.0370												
2Y. T1 Sagittal Tilt	0.2671	0.0003	0.0035	0.0002												
5Y. T1 Sagittal Tilt	0.8173	0.1630	0.1607	0.0990												
	p.val_2.3	p.val_2.4	p.val_2.5	p.val_2.all												
T1 Sagittal Tilt	0.0038	0.2220	0.0003	0.1371												
6W. T1 Sagittal Tilt	0.3624	0.7189	0.2382	0.7711												
6M. T1 Sagittal Tilt	0.5147	0.3425	0.1037	0.5407												
1Y. T1 Sagittal Tilt	0.4571	0.6989	0.4459	0.9545												
2Y. T1 Sagittal Tilt	0.0700	0.7721	0.0133	0.4723												
5Y. T1 Sagittal Tilt	0.5304	0.1813	0.4185	0.9946												
	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	p.val_3.all												
T1 Sagittal Tilt	0.0573	0.0706	0.5106	0.0249												
6W. T1 Sagittal Tilt	0.7041	0.2377	0.6492	0.3987												
6M. T1 Sagittal Tilt	0.4430	0.8628	0.4268	0.7436												
1Y. T1 Sagittal Tilt	0.9404	0.3040	0.9961	0.3769												
2Y. T1 Sagittal Tilt	0.3609	0.0646	0.4825	0.1292												
5Y. T1 Sagittal Tilt	0.9929	0.1109	0.7255	0.4972												
	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all													
T1 Sagittal Tilt	0.0093	0.0123	0.8472													

6W. T1 Sagittal Tilt	0.3181	0.1625	0.4954
6M. T1 Sagittal Tilt	0.6945	0.4963	0.5356
1Y. T1 Sagittal Tilt	0.2971	0.2921	0.6766
2Y. T1 Sagittal Tilt	0.0706	0.0139	0.3792
5Y. T1 Sagittal Tilt	0.4008	0.1380	0.1383
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest
T1 Sagittal Tilt	0.8224	0.0026	0.0003
6W. T1 Sagittal Tilt	0.4420	0.2598	0.1754
6M. T1 Sagittal Tilt	0.4720	0.1656	0.0953
1Y. T1 Sagittal Tilt	0.6319	0.3601	0.2628
2Y. T1 Sagittal Tilt	0.3255	0.0244	0.0065
5Y. T1 Sagittal Tilt	0.0990	0.4025	0.3223
	p.val_all		
T1 Sagittal Tilt	0.0000		
6W. T1 Sagittal Tilt	0.3213		
6M. T1 Sagittal Tilt	0.1226		
1Y. T1 Sagittal Tilt	0.2476		
2Y. T1 Sagittal Tilt	0.0002		
5Y. T1 Sagittal Tilt	0.2718		

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.5399	0.1111	0.0210	0.0117	0.0210	0.0001		
2: Preop 5Y	0.2342	0.8956	0.0756	0.0308	0.1472	0.1004		
3: Preop 6W	0.3749	0.2122	0.0015	0.0142	0.0011	0.0000		
4: 6W 2Y	0.1292	0.6972	0.4112	0.7873	0.3090	0.9637		
5: 6W 5Y	0.6627	0.1817	0.3208	0.9893	0.4363	0.0705		
6: 2Y 5Y	0.0874	0.0960	0.7627	0.8252	0.8859	0.0766		
[1]	"Thoracolumbar L2-T10"							
[1]	"6W. Thoracolumbar L2-T10"							
[1]	"6M. Thoracolumbar L2-T10"							
[1]	"1Y. Thoracolumbar L2-T10"							
[1]	"2Y. Thoracolumbar L2-T10"							
[1]	"5Y. Thoracolumbar L2-T10"							

[1] "Thoracolumbar L2-T10"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Thoracolumbar L2-T10	9.89	20.53	5.42	18.92	13.58	21.60	14.20	18.20
6W. Thoracolumbar L2-T10	4.96	12.52	-0.47	12.79	6.78	13.83	6.38	8.96
6M. Thoracolumbar L2-T10	5.17	12.16	-0.03	13.63	6.93	10.36	8.02	10.57
1Y. Thoracolumbar L2-T10	5.35	12.70	-0.56	13.04	6.91	11.62	9.46	9.83
2Y. Thoracolumbar L2-T10	6.09	12.82	0.62	11.31	6.55	11.71	9.62	11.81
5Y. Thoracolumbar L2-T10	7.29	14.76	-2.40	11.54	9.34	13.04	8.56	11.22
	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae		
Thoracolumbar L2-T10	5.44	23.71	10.74	18.88	32.77307	3.317439		
6W. Thoracolumbar L2-T10	5.88	10.58	8.33	12.00	17.53529	3.576897		
6M. Thoracolumbar L2-T10	4.13	12.18	8.59	11.35	18.31507	3.633731		
1Y. Thoracolumbar L2-T10	3.74	12.98	9.33	12.75	18.34972	3.476510		
2Y. Thoracolumbar L2-T10	7.57	13.80	8.97	14.23	20.46553	3.481372		
5Y. Thoracolumbar L2-T10	8.12	17.36	13.49	18.62	21.25132	2.950947		
	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all			
Thoracolumbar L2-T10	0.0073	0.0067	0.9967	0.0920	0.0518			

	0.0008	0.0006	0.0046	0.0001	0.0010
6W. Thoracolumbar L2-T10	0.0008	0.0006	0.0046	0.0001	0.0010
6M. Thoracolumbar L2-T10	0.0005	0.0003	0.0892	0.0002	0.0030
1Y. Thoracolumbar L2-T10	0.0003	0.0000	0.0966	0.0000	0.0006
2Y. Thoracolumbar L2-T10	0.0033	0.0001	0.0105	0.0008	0.0006
5Y. Thoracolumbar L2-T10	0.0001	0.0005	0.0311	0.0013	0.0003
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5	
Thoracolumbar L2-T10	0.0122	0.8546	0.0466	0.3909	
6W. Thoracolumbar L2-T10	0.0000	0.8421	0.6914	0.4929	
6M. Thoracolumbar L2-T10	0.0001	0.5751	0.2087	0.4064	
1Y. Thoracolumbar L2-T10	0.0000	0.1983	0.2044	0.2827	
2Y. Thoracolumbar L2-T10	0.0000	0.1799	0.7075	0.3298	
5Y. Thoracolumbar L2-T10	0.0000	0.7839	0.7888	0.3547	
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	
Thoracolumbar L2-T10	0.1428	0.0529	0.0383	0.3198	
6W. Thoracolumbar L2-T10	0.2918	0.1639	0.8148	0.3501	
6M. Thoracolumbar L2-T10	0.2063	0.1091	0.1091	0.7970	
1Y. Thoracolumbar L2-T10	0.3118	0.1927	0.0268	0.9548	
2Y. Thoracolumbar L2-T10	0.7815	0.7270	0.4747	0.8062	
5Y. Thoracolumbar L2-T10	0.3745	0.2318	0.9240	0.2789	
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	
Thoracolumbar L2-T10	0.1160	0.0681	0.2027	0.2121	
6W. Thoracolumbar L2-T10	0.3494	0.2846	0.2906	0.6118	
6M. Thoracolumbar L2-T10	0.0939	0.0505	0.0715	0.6049	
1Y. Thoracolumbar L2-T10	0.0133	0.0042	0.0449	0.4698	
2Y. Thoracolumbar L2-T10	0.0686	0.0318	0.6432	0.5408	
5Y. Thoracolumbar L2-T10	0.6017	0.5328	0.3515	0.8480	
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest		
Thoracolumbar L2-T10	0.1476	0.7492	0.7043		
6W. Thoracolumbar L2-T10	0.5634	0.0591	0.0234		
6M. Thoracolumbar L2-T10	0.5490	0.0529	0.0220		
1Y. Thoracolumbar L2-T10	0.4074	0.0440	0.0163		
2Y. Thoracolumbar L2-T10	0.4817	0.1825	0.1047		
5Y. Thoracolumbar L2-T10	0.8271	0.1477	0.0899		
	p.val_all				
Thoracolumbar L2-T10	0.0160				
6W. Thoracolumbar L2-T10	0.0002				
6M. Thoracolumbar L2-T10	0.0001				
1Y. Thoracolumbar L2-T10	0.0000				
2Y. Thoracolumbar L2-T10	0.0004				
5Y. Thoracolumbar L2-T10	0.0011				

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0472	0.0098	0.1343	0.5999	0.5738	0.0051		
2: Preop 5Y	0.0092	0.1565	0.0853	0.6152	0.5568	0.1169		
3: Preop 6W	0.0176	0.0142	0.0066	0.9062	0.4072	0.0002		
4: 6W 2Y	0.5794	0.9132	0.1410	0.5492	0.8009	0.2877		
5: 6W 5Y	0.4561	0.3080	0.3804	0.6170	0.2373	0.1048		
6: 2Y 5Y	0.2371	0.2543	0.6962	0.9076	0.3162	0.4132		

[1] "RSA"

[1] "6W. RSA"

[1] "6M. RSA"

[1] "1Y. RSA"

[1] "2Y. RSA"

[1] "5Y. RSA"

[1] "RSA"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean	4.sd
RSA	15.34	15.50	1.74	9.59	15.42	11.68	24.67	15.43	13.94	14.93
6W. RSA	7.56	9.56	1.37	7.81	9.47	7.76	10.51	8.90	5.16	9.16
6M. RSA	9.44	10.92	1.67	10.06	11.18	7.69	13.15	9.26	8.17	12.06
1Y. RSA	9.81	11.07	0.98	8.74	12.19	8.39	14.68	10.03	7.33	9.88
2Y. RSA	10.06	11.70	0.24	8.35	12.08	9.31	17.23	10.86	8.07	8.02
5Y. RSA	13.59	12.87	2.65	10.49	17.39	10.85	16.70	10.40	9.88	9.13

	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4
RSA	26.60	13.10	20.38488	1.323889	0	0	0.0000
6W. RSA	12.85	10.08	14.70458	1.938114	0	0	0.0293
6M. RSA	15.48	10.63	15.68789	1.659412	0	0	0.0042
1Y. RSA	15.32	11.54	15.90345	1.620229	0	0	0.0012
2Y. RSA	16.59	11.85	15.72603	1.564727	0	0	0.0000
5Y. RSA	19.00	16.26	18.14030	1.358111	0	0	0.0170

	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
RSA	0e+00	0	0	0.0003	0.5381	0.0000
6W. RSA	0e+00	0	0	0.5068	0.0135	0.0429
6M. RSA	0e+00	0	0	0.2197	0.1491	0.0146
1Y. RSA	0e+00	0	0	0.1613	0.0103	0.0952
2Y. RSA	0e+00	0	0	0.0120	0.0268	0.0305
5Y. RSA	2e-04	0	0	0.7821	0.0081	0.6761

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	p.val_3.all
RSA	0.9531	0.9409	0.0005	0.4760	0.0001
6W. RSA	0.0715	0.0228	0.0070	0.2187	0.0390
6M. RSA	0.1105	0.0479	0.0330	0.2472	0.0147
1Y. RSA	0.0459	0.0126	0.0009	0.7687	0.0034
2Y. RSA	0.1394	0.0657	0.0000	0.7874	0.0002
5Y. RSA	0.0515	0.0089	0.0235	0.5648	0.1667

	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest
RSA	0.0000	0.0000	0.5344	0.4703
6W. RSA	0.0156	0.0002	0.1280	0.0819
6M. RSA	0.0045	0.0029	0.5218	0.4576
1Y. RSA	0.0006	0.0005	0.1487	0.0979
2Y. RSA	0.0000	0.0002	0.1995	0.1499
5Y. RSA	0.0966	0.0321	0.1350	0.0952

	p.val_5.all	p.val_5.vs_the_rest	p.val_all
RSA	0.0000	0.0000	0
6W. RSA	0.0007	0.0001	0
6M. RSA	0.0004	0.0000	0
1Y. RSA	0.0019	0.0002	0
2Y. RSA	0.0007	0.0001	0
5Y. RSA	0.1482	0.0907	0

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.3003	0.0470	0.0066	0.0199	0.0001	0.0000	0.0000	
2: Preop 5Y	0.6815	0.3281	0.0068	0.1803	0.0570	0.1998		
3: Preop 6W	0.7895	0.0001	0.0000	0.0008	0.0000	0.0000		
4: 6W 2Y	0.3979	0.0753	0.0018	0.1474	0.0904	0.0064		
5: 6W 5Y	0.5526	0.0000	0.0102	0.0776	0.1103	0.0000		

6: 2Y 5Y 0.2749 0.0085 0.8344 0.4798 0.5361 0.0067

[1] "RPV"
 [1] "6W. RPV"
 [1] "6M. RPV"
 [1] "1Y. RPV"
 [1] "2Y. RPV"
 [1] "5Y. RPV"

[1] "RPV"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean	4.sd	5.mean
RPV	-8.54	9.20	-1.13	7.06	-9.69	7.98	-13.45	8.66	-7.26	8.47	-14.26
6W. RPV	-4.99	7.63	-0.40	6.57	-6.77	6.34	-7.31	6.90	-3.35	7.14	-7.83
6M. RPV	-6.48	7.95	-0.83	7.10	-7.90	6.01	-9.36	7.17	-5.59	7.74	-10.54
1Y. RPV	-6.39	7.96	-0.23	6.94	-8.52	6.41	-9.56	7.56	-4.90	6.76	-9.93
2Y. RPV	-6.09	7.77	-0.27	7.12	-8.13	6.40	-10.11	7.35	-5.37	5.14	-8.57
5Y. RPV	-8.42	8.28	-0.70	7.55	-11.41	7.06	-10.45	6.45	-6.48	7.17	-11.22

	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5
RPV	7.33	12.37226	-1.448387	0	0	0.0000	0
6W. RPV	8.64	11.94784	-2.395055	0	0	0.0240	0
6M. RPV	8.17	10.85436	-1.676294	0	0	0.0008	0
1Y. RPV	7.54	11.31923	-1.771314	0	0	0.0005	0
2Y. RPV	7.65	11.33785	-1.857264	0	0	0.0000	0
5Y. RPV	8.28	11.55045	-1.389759	0	0	0.0123	0

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
RPV	0	0	0.0100	0.0915	0.0003
6W. RPV	0	0	0.6366	0.0083	0.4120
6M. RPV	0	0	0.2208	0.0786	0.0403
1Y. RPV	0	0	0.4141	0.0047	0.2475
2Y. RPV	0	0	0.1342	0.0164	0.7319
5Y. RPV	0	0	0.5457	0.0186	0.9262

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	p.val_3.all
RPV	0.2302	0.1230	0.0003	0.5904	0.0003
6W. RPV	0.0271	0.0048	0.0064	0.7208	0.0267
6M. RPV	0.0689	0.0223	0.0136	0.4216	0.0093
1Y. RPV	0.0115	0.0013	0.0022	0.7995	0.0075
2Y. RPV	0.0238	0.0045	0.0008	0.3071	0.0010
5Y. RPV	0.0185	0.0015	0.0639	0.7192	0.1479

	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest
RPV	0.0000	0.0000	0.3155	0.2455
6W. RPV	0.0096	0.0043	0.1573	0.1063
6M. RPV	0.0024	0.0021	0.4666	0.4005
1Y. RPV	0.0018	0.0007	0.1890	0.1348
2Y. RPV	0.0001	0.0190	0.4493	0.3962
5Y. RPV	0.0832	0.0598	0.2996	0.2428

	p.val_5.all	p.val_5.vs_the_rest	p.val_all
RPV	0.0000	0.0000	0
6W. RPV	0.0187	0.0045	0
6M. RPV	0.0009	0.0001	0
1Y. RPV	0.0017	0.0002	0
2Y. RPV	0.0340	0.0108	0
5Y. RPV	0.1501	0.0945	0

	t0	t1	1	2	3	4	5	All
1: Preop	2Y	0.4398	0.1648	0.0387	0.1894	0.0001	0.0003	
2: Preop	5Y	0.7915	0.1951	0.0783	0.7051	0.1369	0.8855	
3: Preop	6W	0.4827	0.0065	0.0001	0.0149	0.0000	0.0000	
4:	6W 2Y	0.9056	0.1823	0.0522	0.1395	0.6285	0.0769	
5:	6W 5Y	0.8464	0.0003	0.0436	0.1274	0.1119	0.0000	
6:	2Y 5Y	0.7891	0.0125	0.8351	0.5608	0.2053	0.0055	

Quality of Life

[1] "ODI - Score (%)"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
ODI - Score (%)	37.26	19.93	20.05	15.68	42.71	18.19	42.38	17.47
6M. ODI - Score (%)	28.55	17.99	18.18	13.86	30.80	17.20	29.25	17.04
1Y. ODI - Score (%)	26.03	18.13	14.01	11.93	28.02	17.60	29.59	18.02
2Y. ODI - Score (%)	27.81	21.31	14.76	13.60	32.04	21.48	27.36	20.20
5Y. ODI - Score (%)	28.78	21.46	13.63	13.39	33.41	21.87	26.67	18.19
	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	
ODI - Score (%)	37.60	16.00	48.97	17.38	27.58103	0.7397127	0	
6M. ODI - Score (%)	28.10	16.67	38.75	19.41	27.44925	0.9607187	0	
1Y. ODI - Score (%)	26.33	16.79	35.87	18.75	27.66279	1.0630845	0	
2Y. ODI - Score (%)	27.04	18.21	40.71	23.50	32.90564	1.1837147	0	
5Y. ODI - Score (%)	28.30	16.82	41.98	24.39	32.46100	1.1275226	0	
	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all				
ODI - Score (%)	0e+00	0e+00	0	0				
6M. ODI - Score (%)	2e-04	9e-04	0	0				
1Y. ODI - Score (%)	0e+00	1e-04	0	0				
2Y. ODI - Score (%)	1e-04	1e-04	0	0				
5Y. ODI - Score (%)	2e-04	1e-04	0	0				
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5				
ODI - Score (%)	0	0.9143	0.0845	0.0347				
6M. ODI - Score (%)	0	0.6018	0.3744	0.0130				
1Y. ODI - Score (%)	0	0.6097	0.5950	0.0114				
2Y. ODI - Score (%)	0	0.1934	0.1548	0.0246				
5Y. ODI - Score (%)	0	0.0748	0.1893	0.0666				
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5				
ODI - Score (%)	0.0123	0.0011	0.1507	0.0483				
6M. ODI - Score (%)	0.2807	0.1558	0.7346	0.0073				
1Y. ODI - Score (%)	0.3524	0.2250	0.3556	0.0673				
2Y. ODI - Score (%)	0.0986	0.0291	0.9346	0.0016				
5Y. ODI - Score (%)	0.1085	0.0259	0.6876	0.0019				
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all				
ODI - Score (%)	0.0552	0.0265	0.0006	0.8911				
6M. ODI - Score (%)	0.7844	0.7477	0.0031	0.8658				
1Y. ODI - Score (%)	0.1763	0.1089	0.0078	0.9149				
2Y. ODI - Score (%)	0.8820	0.8620	0.0010	0.7930				
5Y. ODI - Score (%)	0.4986	0.4241	0.0062	0.8830				
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest					
ODI - Score (%)	0.8754	0.0000	0e+00					

6M. ODI - Score (%)	0.8450	0.0004	0e+00
1Y. ODI - Score (%)	0.9033	0.0003	0e+00
2Y. ODI - Score (%)	0.7639	0.0002	0e+00
5Y. ODI - Score (%)	0.8674	0.0023	3e-04

	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	4	5	All
1: Preop	2Y	0.0198	0.0004	0.0001	0.0032	0.0323	0.0000	
2: Preop	5Y	0.0121	0.0034	0.0000	0.0144	0.1228	0.0000	
3: Preop	6M	0.4202	0.0000	0.0002	0.0050	0.0035	0.0000	
4:	6M 2Y	0.1173	0.6686	0.6044	0.7678	0.6252	0.6312	
5:	6M 5Y	0.0660	0.4014	0.4806	0.9583	0.4894	0.8899	
6:	2Y 5Y	0.6378	0.6871	0.8620	0.7508	0.7981	0.5898	

[1] "SRS22 - Function / Activity"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean
SRS22 - Function / Activity	3.09	0.88	3.82	0.83	2.91	0.72	2.80
6M. SRS22 - Function / Activity	3.26	0.81	3.77	0.82	3.16	0.71	3.10
1Y. SRS22 - Function / Activity	3.39	0.89	3.98	0.87	3.25	0.79	3.14
2Y. SRS22 - Function / Activity	3.47	0.93	4.18	0.82	3.24	0.88	3.35
5Y. SRS22 - Function / Activity	3.49	0.92	4.12	0.75	3.27	0.96	3.41
	3.sd	4.mean	4.sd	5.mean	5.sd	maes.mae	
SRS22 - Function / Activity	0.71	2.98	0.87	2.68	0.71	1.277156	
6M. SRS22 - Function / Activity	0.59	3.18	0.87	2.90	0.78	1.280548	
1Y. SRS22 - Function / Activity	0.71	3.45	0.82	2.98	0.86	1.391353	
2Y. SRS22 - Function / Activity	0.75	3.35	0.83	3.04	0.87	1.425230	
5Y. SRS22 - Function / Activity	0.80	3.57	0.82	3.14	0.85	1.391509	
	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4			
SRS22 - Function / Activity	0.4135604	0	0	0.0000			
6M. SRS22 - Function / Activity	0.3932254	0	0	0.0003			
1Y. SRS22 - Function / Activity	0.4099958	0	0	0.0010			
2Y. SRS22 - Function / Activity	0.4104300	0	0	0.0000			
5Y. SRS22 - Function / Activity	0.3984919	0	0	0.0032			
	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest				
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				
	p.val_2.3	p.val_2.4	p.val_2.5	p.val_2.all			
SRS22 - Function / Activity	0.3780	0.6395	0.0563	0.0407			
6M. SRS22 - Function / Activity	0.5812	0.8931	0.0488	0.2571			
1Y. SRS22 - Function / Activity	0.3550	0.1952	0.0557	0.1588			
2Y. SRS22 - Function / Activity	0.4199	0.4736	0.1861	0.0300			
5Y. SRS22 - Function / Activity	0.3751	0.0972	0.4455	0.0737			
	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5				

SRS22 - Function / Activity	0.0088	0.2632	0.3593
6M. SRS22 - Function / Activity	0.1432	0.5928	0.1410
1Y. SRS22 - Function / Activity	0.0697	0.0465	0.2967
2Y. SRS22 - Function / Activity	0.0045	0.9854	0.0472
5Y. SRS22 - Function / Activity	0.0129	0.4076	0.1269
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5
SRS22 - Function / Activity	0.0080	0.0021	0.0560
6M. SRS22 - Function / Activity	0.0836	0.0457	0.0973
1Y. SRS22 - Function / Activity	0.0176	0.0056	0.0060
2Y. SRS22 - Function / Activity	0.2953	0.2237	0.0682
5Y. SRS22 - Function / Activity	0.5679	0.4993	0.0290
	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all
SRS22 - Function / Activity	0.3838	0.3127	0.0002
6M. SRS22 - Function / Activity	0.5566	0.4960	0.0023
1Y. SRS22 - Function / Activity	0.6724	0.6299	0.0011
2Y. SRS22 - Function / Activity	0.3464	0.2789	0.0010
5Y. SRS22 - Function / Activity	0.6116	0.5627	0.0171
	p.val_5.vs_the_rest	p.val_all	
SRS22 - Function / Activity	0.0000	0	
6M. SRS22 - Function / Activity	0.0003	0	
1Y. SRS22 - Function / Activity	0.0001	0	
2Y. SRS22 - Function / Activity	0.0001	0	
5Y. SRS22 - Function / Activity	0.0051	0	

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0051	0.0062	0.0002	0.0317	0.0149	0.0000		
2: Preop 5Y	0.0354	0.0078	0.0002	0.0023	0.0063	0.0000		
3: Preop 6M	0.6770	0.0207	0.0202	0.2593	0.1134	0.0114		
4: 6M 2Y	0.0015	0.4888	0.0518	0.3272	0.3575	0.0016		
5: 6M 5Y	0.0138	0.4074	0.0329	0.0435	0.1687	0.0015		
6: 2Y 5Y	0.6251	0.8483	0.6984	0.2387	0.6028	0.8032		

[1] "SRS22 - Pain"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean
SRS22 - Pain	2.63	0.98	3.31	0.99	2.42	0.86	2.48	0.91	2.52
6M. SRS22 - Pain	3.42	0.89	3.69	0.87	3.37	0.80	3.39	0.89	3.27
1Y. SRS22 - Pain	3.55	0.98	4.01	0.71	3.39	0.89	3.48	1.05	3.44
2Y. SRS22 - Pain	3.48	1.09	3.95	0.88	3.26	1.14	3.72	1.11	3.22
5Y. SRS22 - Pain	3.36	1.13	3.75	1.08	3.17	1.18	3.46	1.09	3.37
	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3		
SRS22 - Pain	0.89	2.18	0.79	1.541445	0.5876974	0.0000	0.0000		
6M. SRS22 - Pain	1.01	3.28	0.91	1.500744	0.4383294	0.0138	0.0502		
1Y. SRS22 - Pain	1.05	3.27	1.14	1.614461	0.4552284	0.0000	0.0014		
2Y. SRS22 - Pain	1.03	3.17	1.07	1.773239	0.5090933	0.0000	0.2231		
5Y. SRS22 - Pain	0.96	3.10	1.19	2.006441	0.5972925	0.0048	0.2039		
	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3				
SRS22 - Pain	0.0000	0.0000	0.0000		0.0000	0.6596			
6M. SRS22 - Pain	0.0179	0.0082	0.0138		0.0016	0.9289			
1Y. SRS22 - Pain	0.0019	0.0000	0.0000		0.0000	0.5971			
2Y. SRS22 - Pain	0.0001	0.0000	0.0001		0.0000	0.0177			
5Y. SRS22 - Pain	0.0954	0.0081	0.0219		0.0048	0.1736			

	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4
SRS22 - Pain	0.5042	0.0818	0.0439	0.0091	0.8391
6M. SRS22 - Pain	0.5385	0.5217	0.6141	0.5130	0.5367
1Y. SRS22 - Pain	0.8062	0.5093	0.1572	0.0682	0.8346
2Y. SRS22 - Pain	0.8316	0.6174	0.1001	0.0288	0.0189
5Y. SRS22 - Pain	0.3496	0.7725	0.2161	0.0856	0.6971
	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	
SRS22 - Pain	0.0593	0.2885	0.2133	0.0375	
6M. SRS22 - Pain	0.5288	0.7819	0.7438	0.9568	
1Y. SRS22 - Pain	0.3130	0.6615	0.6021	0.4567	
2Y. SRS22 - Pain	0.0079	0.1405	0.0827	0.8006	
5Y. SRS22 - Pain	0.1514	0.5718	0.5009	0.2846	
	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all		
SRS22 - Pain	0.4307	0.3630	0.0002		
6M. SRS22 - Pain	0.3233	0.2522	0.2705		
1Y. SRS22 - Pain	0.5129	0.4535	0.0870		
2Y. SRS22 - Pain	0.1051	0.0620	0.0417		
5Y. SRS22 - Pain	0.9514	0.9448	0.2012		
	p.val_5.vs_the_rest	p.val_all			
SRS22 - Pain	0.0000	0.0000			
6M. SRS22 - Pain	0.1890	0.0292			
1Y. SRS22 - Pain	0.0385	0.0000			
2Y. SRS22 - Pain	0.0155	0.0000			
5Y. SRS22 - Pain	0.1300	0.0279			

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000	0.0000
2: Preop 5Y	0.0201	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
3: Preop 6M	0.0090	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000
4: 6M 2Y	0.0682	0.4419	0.0841	0.8140	0.5474	0.4439		
5: 6M 5Y	0.7614	0.1987	0.7192	0.6523	0.4223	0.4567		
6: 2Y 5Y	0.2731	0.6091	0.2436	0.5039	0.7740	0.1852		

[1] "SRS22 - Self image / Appearance"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd
SRS22 - Self image / Appearance	2.40	0.75	2.77	0.70	2.39	0.73
6M. SRS22 - Self image / Appearance	3.46	0.83	3.84	0.68	3.36	0.75
1Y. SRS22 - Self image / Appearance	3.50	0.80	3.95	0.61	3.45	0.71
2Y. SRS22 - Self image / Appearance	3.41	0.94	3.96	0.68	3.18	0.95
5Y. SRS22 - Self image / Appearance	3.35	0.93	3.91	0.72	3.17	1.00
	3.mean	3.sd	4.mean	4.sd	5.mean	5.sd
SRS22 - Self image / Appearance	2.14	0.66	2.45	0.81	2.07	0.67
6M. SRS22 - Self image / Appearance	3.49	0.76	3.32	0.88	3.17	1.01
1Y. SRS22 - Self image / Appearance	3.41	0.87	3.37	0.77	3.14	0.85
2Y. SRS22 - Self image / Appearance	3.48	0.87	3.22	0.89	3.08	0.99
5Y. SRS22 - Self image / Appearance	3.37	0.88	3.30	0.77	2.99	0.92
	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3		
SRS22 - Self image / Appearance	1.249325	0.5215599	4e-04	0.0000		
6M. SRS22 - Self image / Appearance	1.325436	0.3829526	0e+00	0.0077		
1Y. SRS22 - Self image / Appearance	1.207594	0.3446947	0e+00	0.0001		
2Y. SRS22 - Self image / Appearance	1.466400	0.4297900	0e+00	0.0008		

5Y. SRS22 - Self image / Appearance	1.476082	0.4410252	0e+00	0.0019
	p.val_1.4	p.val_1.5	p.val_1.all	
SRS22 - Self image / Appearance	0.0195	0	0	
6M. SRS22 - Self image / Appearance	0.0007	0	0	
1Y. SRS22 - Self image / Appearance	0.0000	0	0	
2Y. SRS22 - Self image / Appearance	0.0000	0	0	
5Y. SRS22 - Self image / Appearance	0.0005	0	0	
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	
SRS22 - Self image / Appearance		0	0.0334	0.6509
6M. SRS22 - Self image / Appearance		0	0.2984	0.7979
1Y. SRS22 - Self image / Appearance		0	0.7881	0.5948
2Y. SRS22 - Self image / Appearance		0	0.0579	0.7830
5Y. SRS22 - Self image / Appearance		0	0.2463	0.4595
	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	
SRS22 - Self image / Appearance	0.0067	0.8987		0.8670
6M. SRS22 - Self image / Appearance	0.2299	0.2636		0.1467
1Y. SRS22 - Self image / Appearance	0.0232	0.5321		0.4213
2Y. SRS22 - Self image / Appearance	0.5613	0.0415		0.0070
5Y. SRS22 - Self image / Appearance	0.3317	0.1644		0.0517
	p.val_3.4	p.val_3.5	p.val_3.all	
SRS22 - Self image / Appearance	0.0325	0.5846	0.0089	
6M. SRS22 - Self image / Appearance	0.2903	0.0577	0.7721	
1Y. SRS22 - Self image / Appearance	0.8219	0.0924	0.4565	
2Y. SRS22 - Self image / Appearance	0.1516	0.0274	0.6123	
5Y. SRS22 - Self image / Appearance	0.6981	0.0529	0.8681	
	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	
SRS22 - Self image / Appearance		0.0023	0.0092	0.6739
6M. SRS22 - Self image / Appearance		0.7339	0.4214	0.3010
1Y. SRS22 - Self image / Appearance		0.3749	0.1477	0.3020
2Y. SRS22 - Self image / Appearance		0.5520	0.4430	0.1812
5Y. SRS22 - Self image / Appearance		0.8435	0.1183	0.7383
	p.val_4.vs_the_rest	p.val_5.all		
SRS22 - Self image / Appearance		0.6243	0.0010	
6M. SRS22 - Self image / Appearance		0.2317	0.0433	
1Y. SRS22 - Self image / Appearance		0.2389	0.0029	
2Y. SRS22 - Self image / Appearance		0.1233	0.0215	
5Y. SRS22 - Self image / Appearance		0.7042	0.0240	
	p.val_5.vs_the_rest	p.val_all		
SRS22 - Self image / Appearance		0.0001	0	
6M. SRS22 - Self image / Appearance		0.0154	0	
1Y. SRS22 - Self image / Appearance		0.0004	0	
2Y. SRS22 - Self image / Appearance		0.0061	0	
5Y. SRS22 - Self image / Appearance		0.0079	0	

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.0000	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	0.0000	0.0000
3: Preop 6M	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4: 6M 2Y	0.2463	0.1668	0.9186	0.6047	0.6486	0.4759		
5: 6M 5Y	0.5900	0.1709	0.4682	0.9054	0.3506	0.1286		
6: 2Y 5Y	0.6541	0.9226	0.5517	0.7002	0.6099	0.4061		

[1] "SRS22 - Mental health"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
SRS22 - Mental health	3.16	0.86	3.42	0.69	3.04	0.94	3.20	0.94
6M. SRS22 - Mental health	3.54	0.85	3.83	0.60	3.45	0.91	3.60	0.90
1Y. SRS22 - Mental health	3.59	0.83	3.84	0.60	3.49	0.86	3.59	0.91
2Y. SRS22 - Mental health	3.50	0.95	3.80	0.71	3.33	0.99	3.59	1.04
5Y. SRS22 - Mental health	3.54	0.89	3.87	0.67	3.38	0.93	3.71	0.96

	4.mean	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae
SRS22 - Mental health	3.08	0.68	3.03	0.96	1.362041	0.4307394
6M. SRS22 - Mental health	3.36	0.80	3.36	0.96	1.425137	0.4025846
1Y. SRS22 - Mental health	3.51	0.74	3.44	0.99	1.377615	0.3834923
2Y. SRS22 - Mental health	3.45	0.76	3.30	1.11	1.548939	0.4425729
5Y. SRS22 - Mental health	3.31	0.72	3.40	1.00	1.430974	0.4044890

	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all
SRS22 - Mental health	0.0021	0.1498	0.0062	0.0097	0.0044
6M. SRS22 - Mental health	0.0013	0.0961	0.0007	0.0013	0.0004
1Y. SRS22 - Mental health	0.0028	0.0775	0.0146	0.0074	0.0025
2Y. SRS22 - Mental health	0.0004	0.1913	0.0099	0.0030	0.0016
5Y. SRS22 - Mental health	0.0008	0.3512	0.0006	0.0125	0.0028

	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5
SRS22 - Mental health	4e-04	0.2918	0.7561	0.9742
6M. SRS22 - Mental health	0e+00	0.3376	0.5453	0.5703
1Y. SRS22 - Mental health	2e-04	0.5242	0.8903	0.7516
2Y. SRS22 - Mental health	1e-04	0.1450	0.4513	0.8513
5Y. SRS22 - Mental health	3e-04	0.0763	0.6482	0.9131

	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
SRS22 - Mental health	0.2358	0.1125	0.4283	0.3324
6M. SRS22 - Mental health	0.4008	0.2623	0.1554	0.1742
1Y. SRS22 - Mental health	0.3487	0.2176	0.6397	0.4048
2Y. SRS22 - Mental health	0.1512	0.0563	0.4253	0.1530
5Y. SRS22 - Mental health	0.2055	0.0785	0.0413	0.1597

	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all
SRS22 - Mental health	0.7633	0.7216	0.7645	0.4252
6M. SRS22 - Mental health	0.6515	0.5929	0.9939	0.1523
1Y. SRS22 - Mental health	0.9963	0.9956	0.6807	0.5264
2Y. SRS22 - Mental health	0.5552	0.4851	0.4176	0.6579
5Y. SRS22 - Mental health	0.2808	0.1965	0.6334	0.1028

	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest
SRS22 - Mental health	0.3606	0.3254	0.2416
6M. SRS22 - Mental health	0.0996	0.1839	0.1115
1Y. SRS22 - Mental health	0.4710	0.2828	0.1926
2Y. SRS22 - Mental health	0.6124	0.1943	0.1188
5Y. SRS22 - Mental health	0.0646	0.4282	0.3457

	p.val_all
SRS22 - Mental health	0.0207
6M. SRS22 - Mental health	0.0032
1Y. SRS22 - Mental health	0.0281
2Y. SRS22 - Mental health	0.0054
5Y. SRS22 - Mental health	0.0060

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0005	0.0398	0.0442	0.0133	0.1686	0.0000		
2: Preop 5Y	0.0002	0.0164	0.0105	0.1473	0.0655	0.0000		

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3: Preop 6M 0.0000 0.0028 0.0262 0.0678 0.0687 0.0000
4:      6M 2Y 0.7555 0.4075 0.9557 0.5829 0.7510 0.5666
5:      6M 5Y 0.7471 0.6502 0.5685 0.7782 0.8191 0.9738
6:      2Y 5Y 0.5698 0.7224 0.5581 0.4138 0.6158 0.6243

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[1] "SRS22 - SRS Subtotal score"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean
SRS22 - SRS Subtotal score	2.82	0.71	3.33	0.61	2.69	0.67	2.67
6M. SRS22 - SRS Subtotal score	3.42	0.69	3.79	0.56	3.33	0.64	3.40
1Y. SRS22 - SRS Subtotal score	3.51	0.74	3.94	0.57	3.40	0.67	3.41
2Y. SRS22 - SRS Subtotal score	3.47	0.85	3.97	0.62	3.25	0.89	3.53
5Y. SRS22 - SRS Subtotal score	3.42	0.87	3.91	0.68	3.25	0.90	3.49

	3.sd	4.mean	4.sd	5.mean	5.sd	maes.mae
SRS22 - SRS Subtotal score	0.64	2.76	0.64	2.50	0.63	1.079351
6M. SRS22 - SRS Subtotal score	0.64	3.28	0.74	3.18	0.76	1.122948
1Y. SRS22 - SRS Subtotal score	0.76	3.45	0.70	3.21	0.82	1.184842
2Y. SRS22 - SRS Subtotal score	0.82	3.31	0.74	3.15	0.88	1.365964
5Y. SRS22 - SRS Subtotal score	0.81	3.39	0.71	3.08	0.98	1.371935

	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4
SRS22 - SRS Subtotal score	0.3824435	0	0.0000	0.0000
6M. SRS22 - SRS Subtotal score	0.3282275	0	0.0004	0.0001
1Y. SRS22 - SRS Subtotal score	0.3373141	0	0.0000	0.0001
2Y. SRS22 - SRS Subtotal score	0.3940602	0	0.0011	0.0000
5Y. SRS22 - SRS Subtotal score	0.4010839	0	0.0081	0.0012

	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest
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

	p.val_2.3	p.val_2.4	p.val_2.5	p.val_2.all
SRS22 - SRS Subtotal score	0.8322	0.5612	0.0832	0.0936
6M. SRS22 - SRS Subtotal score	0.5711	0.6651	0.2104	0.2661
1Y. SRS22 - SRS Subtotal score	0.9472	0.7404	0.1416	0.1882
2Y. SRS22 - SRS Subtotal score	0.0586	0.6808	0.4719	0.0445
5Y. SRS22 - SRS Subtotal score	0.1358	0.3876	0.3685	0.1423

	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5
SRS22 - SRS Subtotal score	0.0278	0.4711	0.1654
6M. SRS22 - SRS Subtotal score	0.1469	0.3961	0.1074
1Y. SRS22 - SRS Subtotal score	0.0897	0.8156	0.1810
2Y. SRS22 - SRS Subtotal score	0.0075	0.1566	0.0176
5Y. SRS22 - SRS Subtotal score	0.0421	0.5585	0.0396

	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5
SRS22 - SRS Subtotal score	0.0960	0.0516	0.0398
6M. SRS22 - SRS Subtotal score	0.7956	0.7609	0.5080
1Y. SRS22 - SRS Subtotal score	0.3598	0.2767	0.1253
2Y. SRS22 - SRS Subtotal score	0.5876	0.5237	0.2924
5Y. SRS22 - SRS Subtotal score	0.6127	0.5480	0.1214

	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all
SRS22 - SRS Subtotal score	0.4955	0.4311	0.0007
6M. SRS22 - SRS Subtotal score	0.2183	0.1545	0.0292

1Y. SRS22 - SRS Subtotal score	0.5617	0.5078	0.0101
2Y. SRS22 - SRS Subtotal score	0.1887	0.1313	0.0117
5Y. SRS22 - SRS Subtotal score	0.8049	0.7793	0.0397

	p.val_5.vs_the_rest	p.val_all
SRS22 - SRS Subtotal score	0.0001	0
6M. SRS22 - SRS Subtotal score	0.0092	0
1Y. SRS22 - SRS Subtotal score	0.0020	0
2Y. SRS22 - SRS Subtotal score	0.0027	0
5Y. SRS22 - SRS Subtotal score	0.0145	0

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000
2: Preop 5Y	0.0000	0.0000	0.0000	0.0000	0.0001	0.0013	0.0000	0.0000
3: Preop 6M	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000	0.0000
4: 6M 2Y	0.0433	0.4869	0.3394	0.8275	0.8232	0.4546		
5: 6M 5Y	0.2694	0.4835	0.5399	0.5109	0.5899	0.9920		
6: 2Y 5Y	0.5936	0.9659	0.7976	0.6463	0.7366	0.5287		

[1] "SRS22 - Satisfaction with management"

	All.mean	All.sd	1.mean	1.sd	2.mean	
SRS22 - Satisfaction with management	3.08	1.06	3.13	0.95	3.14	
6M. SRS22 - Satisfaction with management	4.23	0.85	4.49	0.70	4.22	
1Y. SRS22 - Satisfaction with management	4.22	0.92	4.53	0.60	4.14	
2Y. SRS22 - Satisfaction with management	4.14	1.00	4.48	0.68	3.92	
5Y. SRS22 - Satisfaction with management	4.00	1.00	4.31	0.77	3.65	
	2.sd	3.mean	3.sd	4.mean	4.sd	5.mean
SRS22 - Satisfaction with management	0.95	2.97	1.12	3.36	1.16	2.75
6M. SRS22 - Satisfaction with management	0.83	4.34	0.75	4.07	0.79	3.93
1Y. SRS22 - Satisfaction with management	1.00	4.20	0.91	4.08	0.91	4.03
2Y. SRS22 - Satisfaction with management	1.17	4.27	0.94	4.06	0.90	3.93
5Y. SRS22 - Satisfaction with management	1.13	4.07	1.03	4.08	0.79	4.12
	5.sd	maes.mae	maes.rel_mae	p.val_1.2		
SRS22 - Satisfaction with management	1.11	1.844394	0.6018572	0.9712		
6M. SRS22 - Satisfaction with management	1.11	1.222050	0.2887423	0.0234		
1Y. SRS22 - Satisfaction with management	1.07	1.369700	0.3246786	0.0022		
2Y. SRS22 - Satisfaction with management	1.12	1.517045	0.3664860	0.0002		
5Y. SRS22 - Satisfaction with management	0.96	1.529793	0.3824255	0.0001		
	p.val_1.3	p.val_1.4	p.val_1.5			
SRS22 - Satisfaction with management	0.5368	0.3787	0.1491			
6M. SRS22 - Satisfaction with management	0.2519	0.0039	0.0015			
1Y. SRS22 - Satisfaction with management	0.0201	0.0045	0.0016			
2Y. SRS22 - Satisfaction with management	0.1798	0.0073	0.0015			
5Y. SRS22 - Satisfaction with management	0.2128	0.1973	0.3158			
	p.val_1.all	p.val_1.vs_the_rest				
SRS22 - Satisfaction with management	0.7856	0.7400				
6M. SRS22 - Satisfaction with management	0.0066	0.0007				
1Y. SRS22 - Satisfaction with management	0.0002	0.0000				
2Y. SRS22 - Satisfaction with management	0.0004	0.0000				
5Y. SRS22 - Satisfaction with management	0.0151	0.0033				
	p.val_2.3	p.val_2.4	p.val_2.5			
SRS22 - Satisfaction with management	0.5007	0.3756	0.1255			

6M. SRS22 - Satisfaction with management	0.3796	0.3314	0.1009
1Y. SRS22 - Satisfaction with management	0.6934	0.7512	0.5352
2Y. SRS22 - Satisfaction with management	0.0510	0.4272	0.9541
5Y. SRS22 - Satisfaction with management	0.0404	0.0268	0.0186
	p.val_2.all	p.val_2.vs_the_rest	
SRS22 - Satisfaction with management	0.7299		0.6580
6M. SRS22 - Satisfaction with management	0.8667		0.8248
1Y. SRS22 - Satisfaction with management	0.4881		0.3593
2Y. SRS22 - Satisfaction with management	0.1109		0.0331
5Y. SRS22 - Satisfaction with management	0.0163		0.0007
	p.val_3.4	p.val_3.5	p.val_3.all
SRS22 - Satisfaction with management	0.1819	0.4610	0.6121
6M. SRS22 - Satisfaction with management	0.0944	0.0276	0.3689
1Y. SRS22 - Satisfaction with management	0.5158	0.3499	0.8899
2Y. SRS22 - Satisfaction with management	0.2507	0.0831	0.3426
5Y. SRS22 - Satisfaction with management	0.9684	0.8104	0.6815
	p.val_3.vs_the_rest	p.val_4.5	
SRS22 - Satisfaction with management		0.5459	0.0388
6M. SRS22 - Satisfaction with management		0.2936	0.4354
1Y. SRS22 - Satisfaction with management		0.8696	0.7833
2Y. SRS22 - Satisfaction with management		0.2655	0.5019
5Y. SRS22 - Satisfaction with management		0.6231	0.8317
	p.val_4.all	p.val_4.vs_the_rest	
SRS22 - Satisfaction with management	0.2108		0.1286
6M. SRS22 - Satisfaction with management	0.2075		0.1459
1Y. SRS22 - Satisfaction with management	0.3486		0.2832
2Y. SRS22 - Satisfaction with management	0.5860		0.5298
5Y. SRS22 - Satisfaction with management	0.6150		0.5695
	p.val_5.all	p.val_5.vs_the_rest	
SRS22 - Satisfaction with management	0.1399		0.0778
6M. SRS22 - Satisfaction with management	0.0570		0.0229
1Y. SRS22 - Satisfaction with management	0.1979		0.1190
2Y. SRS22 - Satisfaction with management	0.1894		0.1156
5Y. SRS22 - Satisfaction with management	0.4576		0.3797
	p.val_all		
SRS22 - Satisfaction with management	0.2216		
6M. SRS22 - Satisfaction with management	0.0022		
1Y. SRS22 - Satisfaction with management	0.0072		
2Y. SRS22 - Satisfaction with management	0.0015		
5Y. SRS22 - Satisfaction with management	0.0034		

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.0001	0.0000	0.0053	0.0000	0.0000	0.0000	
2: Preop 5Y	0.0000	0.0096	0.0001	0.0054	0.0000	0.0000	0.0000	
3: Preop 6M	0.0000	0.0000	0.0000	0.0037	0.0000	0.0000	0.0000	
4: 6M 2Y	0.9147	0.0552	0.7050	0.9450	0.9853	0.2028		
5: 6M 5Y	0.1785	0.0004	0.1604	0.9840	0.3593	0.0037		
6: 2Y 5Y	0.2015	0.1351	0.3178	0.9350	0.3647	0.0994		

[1] "SF36 - PCS"

All.mean All.sd 1.mean 1.sd 2.mean 2.sd 3.mean 3.sd 4.mean

SF36 - PCS	36.49	9.54	43.78	9.42	34.66	8.23	33.60	8.15	37.20
6M. SF36 - PCS	40.36	9.17	45.39	8.68	40.07	8.43	38.32	8.53	40.71
1Y. SF36 - PCS	41.75	9.98	48.21	8.85	40.53	9.56	40.15	9.27	41.53
2Y. SF36 - PCS	41.87	10.40	47.86	9.49	40.25	10.51	41.84	8.32	41.22
5Y. SF36 - PCS	41.41	11.23	49.13	10.36	38.97	10.71	41.36	9.39	42.37
	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3		
SF36 - PCS	8.69	31.06	7.34	13.25201	0.3632812	0e+00	0e+00		
6M. SF36 - PCS	10.02	35.63	7.57	13.88998	0.3439976	1e-04	0e+00		
1Y. SF36 - PCS	9.20	36.30	8.80	15.25958	0.3654182	0e+00	0e+00		
2Y. SF36 - PCS	9.93	36.65	9.80	16.45518	0.3929796	0e+00	2e-04		
5Y. SF36 - PCS	10.16	35.68	11.01	17.36176	0.4191772	0e+00	3e-04		
	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3				
SF36 - PCS	0.0001	0	0		0	0.4533			
6M. SF36 - PCS	0.0094	0	0		0	0.2444			
1Y. SF36 - PCS	0.0002	0	0		0	0.8151			
2Y. SF36 - PCS	0.0004	0	0		0	0.3242			
5Y. SF36 - PCS	0.0044	0	0		0	0.2107			
	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4				
SF36 - PCS	0.0913	0.0058	0.0667		0.0171	0.0328			
6M. SF36 - PCS	0.7143	0.0012	0.7825		0.7191	0.2097			
1Y. SF36 - PCS	0.5625	0.0066	0.2952		0.1721	0.4625			
2Y. SF36 - PCS	0.5981	0.0351	0.1973		0.0871	0.7367			
5Y. SF36 - PCS	0.1209	0.1250	0.0926		0.0221	0.6592			
	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all				
SF36 - PCS	0.0886	0.0221		0.0080	0.0002	0.5934			
6M. SF36 - PCS	0.0866	0.1210		0.0702	0.0052	0.8251			
1Y. SF36 - PCS	0.0256	0.2479		0.1744	0.0045	0.8830			
2Y. SF36 - PCS	0.0033	0.9843		0.9818	0.0200	0.6768			
5Y. SF36 - PCS	0.0131	0.9757		0.9713	0.0084	0.6183			
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	p.val_all					
SF36 - PCS		0.5376	0.0000	0e+00	0				
6M. SF36 - PCS		0.7971	0.0001	0e+00	0				
1Y. SF36 - PCS		0.8666	0.0000	0e+00	0				
2Y. SF36 - PCS		0.6309	0.0004	0e+00	0				
5Y. SF36 - PCS		0.5691	0.0033	5e-04	0				

	t0	t1	1	2	3	4	5	All
1: Preop	2Y	0.0064	0.0001	0.0000	0.0373	0.0007	0.0000	
2: Preop	5Y	0.0036	0.0048	0.0001	0.0195	0.0223	0.0000	
3: Preop	6M	0.2620	0.0000	0.0048	0.0698	0.0013	0.0000	
4:	6M 2Y	0.0898	0.9014	0.0373	0.8044	0.5294	0.0507	
5:	6M 5Y	0.0372	0.4739	0.1068	0.4708	0.9812	0.2379	
6:	2Y 5Y	0.4834	0.4429	0.7946	0.6157	0.6506	0.6196	

[1] "SF36 - MCS"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	4.mean
SF36 - MCS	42.88	11.77	44.68	9.55	42.07	12.44	44.20	12.42	40.49
6M. SF36 - MCS	47.02	11.87	48.99	9.69	46.38	13.07	49.05	10.79	44.97
1Y. SF36 - MCS	47.41	11.61	50.39	8.75	46.81	12.36	48.33	11.67	45.40
2Y. SF36 - MCS	46.88	12.18	50.91	8.91	45.41	13.38	48.64	11.11	44.58
5Y. SF36 - MCS	47.52	11.39	51.07	8.34	45.93	12.09	49.96	11.69	44.50

	4.sd	5.mean	5.sd	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3
SF36 - MCS	11.82	42.50	12.72	20.09075	0.4685285	0.1154	0.8099
6M. SF36 - MCS	11.55	45.24	13.40	20.08873	0.4273215	0.1469	0.9733
1Y. SF36 - MCS	10.69	44.83	13.73	20.33500	0.4289717	0.0304	0.2703
2Y. SF36 - MCS	11.23	43.99	14.28	19.84061	0.4230018	0.0018	0.2227
5Y. SF36 - MCS	11.03	45.92	12.20	18.94390	0.3986253	0.0059	0.6049
	p.val_1.4	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3		
SF36 - MCS	0.0365	0.2723	0.1451		0.0691	0.3194	
6M. SF36 - MCS	0.0493	0.0741	0.1292		0.0591	0.1985	
1Y. SF36 - MCS	0.0096	0.0070	0.0109		0.0016	0.4630	
2Y. SF36 - MCS	0.0015	0.0015	0.0010		0.0001	0.1270	
5Y. SF36 - MCS	0.0051	0.0247	0.0122		0.0027	0.0791	
	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4		
SF36 - MCS	0.4546	0.8360	0.5689		0.4434	0.1235	
6M. SF36 - MCS	0.5195	0.6106	0.6831		0.5842	0.0745	
1Y. SF36 - MCS	0.5001	0.3731	0.6858		0.5920	0.1977	
2Y. SF36 - MCS	0.7017	0.5442	0.3479		0.2067	0.0757	
5Y. SF36 - MCS	0.5514	0.9979	0.3182		0.1654	0.0409	
	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all		
SF36 - MCS	0.4794	0.4726		0.3995	0.3960	0.1858	
6M. SF36 - MCS	0.1031	0.2226		0.1546	0.9125	0.2618	
1Y. SF36 - MCS	0.1439	0.5905		0.5250	0.8137	0.2516	
2Y. SF36 - MCS	0.0579	0.3042		0.2318	0.8126	0.1984	
5Y. SF36 - MCS	0.1256	0.2104		0.1336	0.6017	0.1500	
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	p.val_all			
SF36 - MCS		0.1253	0.8329	0.8011	0.2697		
6M. SF36 - MCS		0.1942	0.3461	0.2547	0.1603		
1Y. SF36 - MCS		0.1912	0.1759	0.1003	0.0352		
2Y. SF36 - MCS		0.1391	0.1479	0.0802	0.0026		
5Y. SF36 - MCS		0.0997	0.4379	0.3555	0.0213		

	t0	t1	1	2	3	4	5	All
1: Preop 2Y	0.0000	0.0804	0.0572	0.0836	0.5525	0.0000		
2: Preop 5Y	0.0001	0.0438	0.0218	0.1195	0.1812	0.0000		
3: Preop 6M	0.0053	0.0240	0.0357	0.0622	0.2625	0.0000		
4: 6M 2Y	0.1988	0.6253	0.8501	0.8699	0.6281	0.8866		
5: 6M 5Y	0.2003	0.8175	0.6985	0.8554	0.7928	0.6160		
6: 2Y 5Y	0.9172	0.7968	0.5786	0.9744	0.4711	0.5265		

Quality of Life change with respect baseline

[1] "ODI - Score (%)"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size	
6M. ODI - Score (%)	-9.37	17.24		-0.54	-1.80	17.22	-0.10
1Y. ODI - Score (%)	-11.92	15.41		-0.77	-6.45	13.99	-0.46
2Y. ODI - Score (%)	-9.71	16.72		-0.58	-5.21	14.50	-0.36
5Y. ODI - Score (%)	-9.06	17.78		-0.51	-5.85	13.78	-0.42
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size	
6M. ODI - Score (%)	-11.10	16.38		-0.68	-15.14	17.46	-0.87
1Y. ODI - Score (%)	-14.55	14.53		-1.00	-13.92	17.99	-0.77

2Y. ODI - Score (%)	-10.61	17.02		-0.62	-16.06	19.06		-0.84
5Y. ODI - Score (%)	-8.79	18.48		-0.48	-14.93	17.99		-0.83
	4.mean	4.sd	4.effect_size	5.mean	5.sd	5.effect_size		
6M. ODI - Score (%)	-10.09	15.84		-0.64	-10.54	16.89		-0.62
1Y. ODI - Score (%)	-11.41	13.88		-0.82	-13.75	15.61		-0.88
2Y. ODI - Score (%)	-10.07	13.38		-0.75	-8.49	17.69		-0.48
5Y. ODI - Score (%)	-10.33	15.43		-0.67	-6.14	21.24		-0.29
	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4			
6M. ODI - Score (%)	27.44925	0.9607187	0.0007	0.0001	0.0097			
1Y. ODI - Score (%)	27.66279	1.0630845	0.0004	0.0127	0.0739			
2Y. ODI - Score (%)	32.90564	1.1837147	0.0281	0.0009	0.0672			
5Y. ODI - Score (%)	32.46100	1.1275226	0.3165	0.0104	0.2005			
	p.val_1.5	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3				
6M. ODI - Score (%)	0.0053	0.0012		0.0000	0.1840			
1Y. ODI - Score (%)	0.0061	0.0032		0.0002	0.8304			
2Y. ODI - Score (%)	0.2606	0.0194		0.0032	0.0959			
5Y. ODI - Score (%)	0.9440	0.1719		0.1015	0.0848			
	p.val_2.4	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest				
6M. ODI - Score (%)	0.7330	0.8451	0.3870		0.2487			
1Y. ODI - Score (%)	0.2506	0.7586	0.1420		0.0531			
2Y. ODI - Score (%)	0.8425	0.4791	0.6577		0.5510			
5Y. ODI - Score (%)	0.6629	0.5182	0.9124		0.8759			
	p.val_3.4	p.val_3.5	p.val_3.all	p.val_3.vs_the_rest				
6M. ODI - Score (%)	0.1450	0.1754	0.0335		0.0125			
1Y. ODI - Score (%)	0.4513	0.9580	0.4463		0.3627			
2Y. ODI - Score (%)	0.0799	0.0380	0.0299		0.0107			
5Y. ODI - Score (%)	0.2524	0.0537	0.0589		0.0242			
	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all				
6M. ODI - Score (%)	0.8932	0.7811		0.7493	0.6421			
1Y. ODI - Score (%)	0.4420	0.8328		0.8115	0.4153			
2Y. ODI - Score (%)	0.6161	0.8737		0.8567	0.6357			
5Y. ODI - Score (%)	0.3529	0.6777		0.6377	0.4318			
	p.val_5.vs_the_rest	p.val_all						
6M. ODI - Score (%)		0.5796	0.0003					
1Y. ODI - Score (%)		0.3273	0.0068					
2Y. ODI - Score (%)		0.5708	0.0089					
5Y. ODI - Score (%)		0.3522	0.1263					

[1] "SRS22 - Function / Activity"

	All.mean	All.sd	All.effect_size	1.mean	1.sd
6M. SRS22 - Function / Activity	0.16	0.75		0.22	-0.09 0.76
1Y. SRS22 - Function / Activity	0.31	0.70		0.44	0.15 0.80
2Y. SRS22 - Function / Activity	0.36	0.71		0.51	0.33 0.67
5Y. SRS22 - Function / Activity	0.41	0.78		0.53	0.36 0.70
	1.effect_size	2.mean	2.sd	2.effect_size	3.mean
6M. SRS22 - Function / Activity	-0.12	0.22	0.76		0.29 0.31
1Y. SRS22 - Function / Activity	0.18	0.35	0.63		0.55 0.33
2Y. SRS22 - Function / Activity	0.48	0.32	0.71		0.45 0.52
5Y. SRS22 - Function / Activity	0.51	0.33	0.77		0.43 0.55
	3.sd	3.effect_size	4.mean	4.sd	4.effect_size
6M. SRS22 - Function / Activity	0.71		0.44	0.15	0.81 0.18

1Y. SRS22 - Function / Activity	0.66	0.50	0.41	0.59	0.70
2Y. SRS22 - Function / Activity	0.75	0.69	0.34	0.71	0.48
5Y. SRS22 - Function / Activity	0.78	0.71	0.54	0.89	0.60
	5.mean	5.sd	5.effect_size	maes.mae	maes.rel_mae
6M. SRS22 - Function / Activity	0.28	0.66	0.43	1.280548	0.3932254
1Y. SRS22 - Function / Activity	0.38	0.74	0.52	1.391353	0.4099958
2Y. SRS22 - Function / Activity	0.36	0.72	0.50	1.425230	0.4104300
5Y. SRS22 - Function / Activity	0.39	0.83	0.48	1.391509	0.3984919
	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5	
6M. SRS22 - Function / Activity	0.0106	0.0028	0.1204	0.0039	
1Y. SRS22 - Function / Activity	0.0804	0.1471	0.0439	0.0850	
2Y. SRS22 - Function / Activity	0.9335	0.1358	0.9325	0.7802	
5Y. SRS22 - Function / Activity	0.8375	0.2256	0.3496	0.8322	
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3		
6M. SRS22 - Function / Activity	0.0115		0.0013	0.4932	
1Y. SRS22 - Function / Activity	0.1042		0.0343	0.8975	
2Y. SRS22 - Function / Activity	0.6661		0.5847	0.1142	
5Y. SRS22 - Function / Activity	0.6282		0.5558	0.1445	
	p.val_2.4	p.val_2.5	p.val_2.all		
6M. SRS22 - Function / Activity	0.6168	0.6187	0.5202		
1Y. SRS22 - Function / Activity	0.5770	0.7769	0.6350		
2Y. SRS22 - Function / Activity	0.8765	0.7225	0.5827		
5Y. SRS22 - Function / Activity	0.2649	0.6931	0.4202		
	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5		
6M. SRS22 - Function / Activity		0.3901	0.3051	0.8445	
1Y. SRS22 - Function / Activity		0.5372	0.5414	0.7162	
2Y. SRS22 - Function / Activity		0.4649	0.2178	0.2695	
5Y. SRS22 - Function / Activity		0.2645	0.9560	0.3860	
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5		
6M. SRS22 - Function / Activity	0.1690		0.1036	0.3787	
1Y. SRS22 - Function / Activity	0.8147		0.7798	0.8267	
2Y. SRS22 - Function / Activity	0.1617		0.0964	0.8679	
5Y. SRS22 - Function / Activity	0.2989		0.2125	0.4923	
	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all		
6M. SRS22 - Function / Activity	0.9109		0.8972	0.2328	
1Y. SRS22 - Function / Activity	0.3155		0.2560	0.5061	
2Y. SRS22 - Function / Activity	0.8135		0.7851	0.9808	
5Y. SRS22 - Function / Activity	0.4664		0.4044	0.8897	
	p.val_5.vs_the_rest	p.val_all			
6M. SRS22 - Function / Activity		0.1610	0.0149		
1Y. SRS22 - Function / Activity		0.4264	0.2027		
2Y. SRS22 - Function / Activity		0.9772	0.5204		
5Y. SRS22 - Function / Activity		0.8696	0.5354		

[1] "SRS22 - Pain"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size	
6M. SRS22 - Pain	0.81	0.96	0.85	0.36	0.98	0.37	
1Y. SRS22 - Pain	0.92	0.93	0.99	0.68	1.00	0.68	
2Y. SRS22 - Pain	0.87	0.99	0.87	0.59	0.99	0.59	
5Y. SRS22 - Pain	0.76	1.06	0.72	0.49	1.15	0.43	
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size	4.mean

6M.	SRS22 - Pain	0.95	0.82	1.16	0.94	0.98	0.96	0.78
1Y.	SRS22 - Pain	0.98	0.79	1.25	1.00	0.93	1.07	0.89
2Y.	SRS22 - Pain	0.89	1.07	0.83	1.19	0.89	1.33	0.75
5Y.	SRS22 - Pain	0.73	1.14	0.65	0.91	0.91	0.99	0.87
		4.sd	4.effect_size	5.mean	5.sd	5.effect_size	maes.mae	
6M.	SRS22 - Pain	1.03	0.76	1.14	0.85		1.34	1.500744
1Y.	SRS22 - Pain	0.95	0.95	1.11	0.99		1.13	1.614461
2Y.	SRS22 - Pain	0.96	0.78	0.99	0.88		1.11	1.773239
5Y.	SRS22 - Pain	1.02	0.85	0.92	0.97		0.95	2.006441
		maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5		
6M.	SRS22 - Pain	0.4383294	0.0001	0.0012	0.0300	0.0000		
1Y.	SRS22 - Pain	0.4552284	0.0373	0.0648	0.2562	0.0155		
2Y.	SRS22 - Pain	0.5090933	0.0634	0.0005	0.3719	0.0183		
5Y.	SRS22 - Pain	0.5972925	0.2490	0.0571	0.1337	0.0625		
		p.val_1.all	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5		
6M.	SRS22 - Pain	0.0004	0.0000	0.9416	0.3406	0.1861		
1Y.	SRS22 - Pain	0.0578	0.0142	0.9153	0.6183	0.4046		
2Y.	SRS22 - Pain	0.0314	0.0062	0.0733	0.4499	0.5639		
5Y.	SRS22 - Pain	0.1322	0.0632	0.3695	0.5657	0.3684		
		p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5			
6M.	SRS22 - Pain	0.1915	0.0901	0.4394	0.2487			
1Y.	SRS22 - Pain	0.5605	0.4543	0.6014	0.5258			
2Y.	SRS22 - Pain	0.8470	0.7948	0.0210	0.2342			
5Y.	SRS22 - Pain	0.8456	0.7838	0.8557	0.9571			
		p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all			
6M.	SRS22 - Pain	0.3960	0.3122	0.0636	0.8281			
1Y.	SRS22 - Pain	0.5848	0.5132	0.2774	0.8633			
2Y.	SRS22 - Pain	0.0174	0.0052	0.2123	0.4595			
5Y.	SRS22 - Pain	0.3595	0.2763	0.8251	0.6084			
		p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest	p.val_all			
6M.	SRS22 - Pain	0.8021	0.0126		0.0034	0.0000		
1Y.	SRS22 - Pain	0.8443	0.1880		0.1155	0.0847		
2Y.	SRS22 - Pain	0.3933	0.3676		0.2888	0.0100		
5Y.	SRS22 - Pain	0.5594	0.3664		0.2889	0.2737		

[1] "SRS22 - Self image / Appearance"

	All.mean	All.sd	All.effect_size	1.mean	1.sd
6M. SRS22 - Self image / Appearance	1.08	0.98		1.10	1.07 0.90
1Y. SRS22 - Self image / Appearance	1.13	0.88		1.28	1.18 0.93
2Y. SRS22 - Self image / Appearance	1.03	0.98		1.05	1.17 0.94
5Y. SRS22 - Self image / Appearance	0.97	0.92		1.06	1.08 0.81
	1.effect_size	2.mean	2.sd	2.effect_size	
6M. SRS22 - Self image / Appearance	1.19	0.97	0.85		1.15
1Y. SRS22 - Self image / Appearance	1.28	1.07	0.77		1.40
2Y. SRS22 - Self image / Appearance	1.25	0.84	0.92		0.92
5Y. SRS22 - Self image / Appearance	1.33	0.77	0.92		0.84
	3.mean	3.sd	3.effect_size	4.mean	4.sd
6M. SRS22 - Self image / Appearance	1.36	0.86		1.58	0.91 1.19
1Y. SRS22 - Self image / Appearance	1.27	0.87		1.47	0.97 1.04
2Y. SRS22 - Self image / Appearance	1.31	0.81		1.61	0.84 1.15
5Y. SRS22 - Self image / Appearance	1.19	0.78		1.52	0.98 1.07

	4.effect_size	5.mean	5.sd	5.effect_size
6M. SRS22 - Self image / Appearance	0.76	1.13	1.17	0.96
1Y. SRS22 - Self image / Appearance	0.93	1.12	0.88	1.27
2Y. SRS22 - Self image / Appearance	0.73	1.01	1.06	0.96
5Y. SRS22 - Self image / Appearance	0.91	0.96	0.99	0.97
	maes.mae	maes.rel_mae	p.val_1.2	p.val_1.3
6M. SRS22 - Self image / Appearance	1.325436	0.3829526	0.4586	0.0706
1Y. SRS22 - Self image / Appearance	1.207594	0.3446947	0.4175	0.5644
2Y. SRS22 - Self image / Appearance	1.466400	0.4297900	0.0225	0.3807
5Y. SRS22 - Self image / Appearance	1.476082	0.4410252	0.0536	0.5405
	p.val_1.4	p.val_1.5	p.val_1.all	
6M. SRS22 - Self image / Appearance	0.4262	0.7656	0.9540	
1Y. SRS22 - Self image / Appearance	0.2729	0.7130	0.6577	
2Y. SRS22 - Self image / Appearance	0.0959	0.3735	0.2286	
5Y. SRS22 - Self image / Appearance	0.6552	0.5298	0.3915	
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	
6M. SRS22 - Self image / Appearance	0.9420	0.0099	0.7520	
1Y. SRS22 - Self image / Appearance	0.5675	0.1637	0.5665	
2Y. SRS22 - Self image / Appearance	0.1269	0.0018	0.9854	
5Y. SRS22 - Self image / Appearance	0.2977	0.0114	0.3496	
	p.val_2.5	p.val_2.all	p.val_2.vs_the_rest	
6M. SRS22 - Self image / Appearance	0.3903	0.3048	0.1824	
1Y. SRS22 - Self image / Appearance	0.7298	0.5545	0.4451	
2Y. SRS22 - Self image / Appearance	0.3217	0.0942	0.0275	
5Y. SRS22 - Self image / Appearance	0.3362	0.1113	0.0265	
	p.val_3.4	p.val_3.5	p.val_3.all	
6M. SRS22 - Self image / Appearance	0.0386	0.2552	0.0343	
1Y. SRS22 - Self image / Appearance	0.1311	0.3713	0.2621	
2Y. SRS22 - Self image / Appearance	0.0216	0.1058	0.0249	
5Y. SRS22 - Self image / Appearance	0.3718	0.2553	0.1092	
	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	
6M. SRS22 - Self image / Appearance	0.0127	0.3572	0.3622	
1Y. SRS22 - Self image / Appearance	0.1805	0.4432	0.3446	
2Y. SRS22 - Self image / Appearance	0.0087	0.4283	0.2859	
5Y. SRS22 - Self image / Appearance	0.0573	0.9264	0.9524	
	p.val_4.vs_the_rest	p.val_5.all		
6M. SRS22 - Self image / Appearance	0.2913	0.7678		
1Y. SRS22 - Self image / Appearance	0.2796	0.9575		
2Y. SRS22 - Self image / Appearance	0.2152	0.9244		
5Y. SRS22 - Self image / Appearance	0.9454	0.9484		
	p.val_5.vs_the_rest	p.val_all		
6M. SRS22 - Self image / Appearance	0.7239	0.1375		
1Y. SRS22 - Self image / Appearance	0.9493	0.4845		
2Y. SRS22 - Self image / Appearance	0.9100	0.0231		
5Y. SRS22 - Self image / Appearance	0.9388	0.1594		

[1] "SRS22 - Mental health"

	All.mean	All.sd	All.effect_size	1.mean	1.sd
6M. SRS22 - Mental health	0.36	0.81	0.45	0.39	0.74
1Y. SRS22 - Mental health	0.43	0.78	0.55	0.40	0.72
2Y. SRS22 - Mental health	0.34	0.81	0.42	0.38	0.92

5Y. SRS22 - Mental health	0.33	0.78		0.42	0.38	0.66
	1.effect_size	2.mean	2.sd	2.effect_size	3.mean	3.sd
6M. SRS22 - Mental health	0.53	0.37	0.83		0.45	0.40 0.85
1Y. SRS22 - Mental health	0.56	0.44	0.76		0.58	0.39 0.85
2Y. SRS22 - Mental health	0.41	0.30	0.73		0.41	0.35 0.86
5Y. SRS22 - Mental health	0.57	0.30	0.69		0.43	0.44 0.81
	3.effect_size	4.mean	4.sd	4.effect_size	5.mean	5.sd
6M. SRS22 - Mental health	0.47	0.29	0.76		0.38	0.33 0.88
1Y. SRS22 - Mental health	0.46	0.43	0.76		0.56	0.50 0.84
2Y. SRS22 - Mental health	0.40	0.34	0.72		0.47	0.34 0.84
5Y. SRS22 - Mental health	0.54	0.17	0.76		0.22	0.31 1.03
	5.effect_size	maes.mae	maes.rel_mae	p.val_1.2		
6M. SRS22 - Mental health	0.37	1.425137	0.4025846	0.8842		
1Y. SRS22 - Mental health	0.60	1.377615	0.3834923	0.7621		
2Y. SRS22 - Mental health	0.41	1.548939	0.4425729	0.5578		
5Y. SRS22 - Mental health	0.30	1.430974	0.4044890	0.4998		
	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all		
6M. SRS22 - Mental health	0.9554	0.4674	0.6793	0.7670		
1Y. SRS22 - Mental health	0.9164	0.8743	0.4878	0.7729		
2Y. SRS22 - Mental health	0.8365	0.7836	0.8042	0.7321		
5Y. SRS22 - Mental health	0.7007	0.2076	0.7257	0.6151		
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5		
6M. SRS22 - Mental health	0.7089	0.8591	0.5539	0.7732		
1Y. SRS22 - Mental health	0.7138	0.7217	0.9331	0.6567		
2Y. SRS22 - Mental health	0.6582	0.7543	0.7858	0.7818		
5Y. SRS22 - Mental health	0.5428	0.3286	0.4196	0.9272		
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5		
6M. SRS22 - Mental health	0.9151	0.8863	0.4926	0.6795		
1Y. SRS22 - Mental health	0.9297	0.9074	0.8192	0.4853		
2Y. SRS22 - Mental health	0.6777	0.5871	0.9575	0.9712		
5Y. SRS22 - Mental health	0.7547	0.6736	0.1434	0.5382		
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all		
6M. SRS22 - Mental health	0.7690	0.7261	0.7981	0.5430		
1Y. SRS22 - Mental health	0.7324	0.6809	0.6521	0.9752		
2Y. SRS22 - Mental health	0.9573	0.9492	0.9870	0.9884		
5Y. SRS22 - Mental health	0.3934	0.3039	0.5008	0.2851		
	p.val_4.vs_the_rest	p.val_5.all	p.val_5.vs_the_rest			
6M. SRS22 - Mental health	0.4849	0.8011	0.7641			
1Y. SRS22 - Mental health	0.9717	0.5634	0.4889			
2Y. SRS22 - Mental health	0.9866	0.9945	0.9935			
5Y. SRS22 - Mental health	0.2236	0.9422	0.9309			
	p.val_all					
6M. SRS22 - Mental health	0.9531					
1Y. SRS22 - Mental health	0.9502					
2Y. SRS22 - Mental health	0.9851					
5Y. SRS22 - Mental health	0.6365					

[1] "SRS22 - SRS Subtotal score"

	All.mean	All.sd	All.effect_size	1.mean	1.sd
6M. SRS22 - SRS Subtotal score	0.60	0.64	0.93	0.43	0.62
1Y. SRS22 - SRS Subtotal score	0.70	0.62	1.12	0.60	0.68

2Y. SRS22 - SRS Subtotal score	0.65	0.68		0.95	0.62	0.67
5Y. SRS22 - SRS Subtotal score	0.60	0.73		0.82	0.58	0.67
	1.effect_size	2.mean	2.sd	2.effect_size	3.mean	
6M. SRS22 - SRS Subtotal score	0.70	0.62	0.59		1.06	0.74
1Y. SRS22 - SRS Subtotal score	0.89	0.71	0.53		1.35	0.74
2Y. SRS22 - SRS Subtotal score	0.92	0.58	0.68		0.85	0.83
5Y. SRS22 - SRS Subtotal score	0.87	0.53	0.68		0.78	0.76
	3.sd	3.effect_size	4.mean	4.sd	4.effect_size	
6M. SRS22 - SRS Subtotal score	0.59	1.26	0.53	0.75		0.70
1Y. SRS22 - SRS Subtotal score	0.62	1.19	0.68	0.66		1.03
2Y. SRS22 - SRS Subtotal score	0.62	1.33	0.57	0.73		0.78
5Y. SRS22 - SRS Subtotal score	0.57	1.35	0.64	0.74		0.86
	5.mean	5.sd	5.effect_size	maes.mae	maes.rel_mae	
6M. SRS22 - SRS Subtotal score	0.71	0.69	1.03	1.122948	0.3282275	
1Y. SRS22 - SRS Subtotal score	0.77	0.65	1.20	1.184842	0.3373141	
2Y. SRS22 - SRS Subtotal score	0.67	0.69	0.97	1.365964	0.3940602	
5Y. SRS22 - SRS Subtotal score	0.53	1.01	0.52	1.371935	0.4010839	
	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5		
6M. SRS22 - SRS Subtotal score	0.0488	0.0050	0.4929	0.0222		
1Y. SRS22 - SRS Subtotal score	0.2622	0.2213	0.5672	0.1518		
2Y. SRS22 - SRS Subtotal score	0.7371	0.0707	0.6918	0.6942		
5Y. SRS22 - SRS Subtotal score	0.7000	0.1581	0.7283	0.7778		
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.3			
6M. SRS22 - SRS Subtotal score	0.0415		0.0097	0.2467		
1Y. SRS22 - SRS Subtotal score	0.2749		0.1569	0.7557		
2Y. SRS22 - SRS Subtotal score	0.7627		0.7009	0.0305		
5Y. SRS22 - SRS Subtotal score	0.8760		0.8493	0.0494		
	p.val_2.4	p.val_2.5	p.val_2.all			
6M. SRS22 - SRS Subtotal score	0.4567	0.4441	0.7468			
1Y. SRS22 - SRS Subtotal score	0.7722	0.5663	0.8238			
2Y. SRS22 - SRS Subtotal score	0.8955	0.4835	0.4537			
5Y. SRS22 - SRS Subtotal score	0.4982	0.9787	0.4810			
	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5			
6M. SRS22 - SRS Subtotal score		0.6720	0.1242	0.8034		
1Y. SRS22 - SRS Subtotal score		0.7745	0.6214	0.8137		
2Y. SRS22 - SRS Subtotal score		0.3181	0.0597	0.2059		
5Y. SRS22 - SRS Subtotal score		0.3364	0.4270	0.1962		
	p.val_3.all	p.val_3.vs_the_rest	p.val_4.5			
6M. SRS22 - SRS Subtotal score	0.1115		0.0601	0.2156		
1Y. SRS22 - SRS Subtotal score	0.6090		0.5405	0.4875		
2Y. SRS22 - SRS Subtotal score	0.0530		0.0227	0.4836		
5Y. SRS22 - SRS Subtotal score	0.0942		0.0489	0.5976		
	p.val_4.all	p.val_4.vs_the_rest	p.val_5.all			
6M. SRS22 - SRS Subtotal score	0.5398		0.4780	0.2800		
1Y. SRS22 - SRS Subtotal score	0.8599		0.8402	0.4281		
2Y. SRS22 - SRS Subtotal score	0.4942		0.4282	0.8297		
5Y. SRS22 - SRS Subtotal score	0.7759		0.7454	0.6776		
	p.val_5.vs_the_rest	p.val_all				
6M. SRS22 - SRS Subtotal score		0.1989	0.0426			
1Y. SRS22 - SRS Subtotal score		0.3437	0.5708			
2Y. SRS22 - SRS Subtotal score		0.7985	0.2478			
5Y. SRS22 - SRS Subtotal score		0.6170	0.5089			

[1] "SRS22 - Satisfaction with management"

	All.mean	All.sd	All.effect_size	1.mean
6M. SRS22 - Satisfaction with management	1.16	1.33	0.87	1.48
1Y. SRS22 - Satisfaction with management	1.18	1.24	0.95	1.41
2Y. SRS22 - Satisfaction with management	0.94	1.28	0.74	1.34
5Y. SRS22 - Satisfaction with management	0.79	1.21	0.65	0.68
	1.sd	1.effect_size	2.mean	2.sd
6M. SRS22 - Satisfaction with management	1.31	1.14	1.08	1.11
1Y. SRS22 - Satisfaction with management	1.16	1.21	0.98	1.18
2Y. SRS22 - Satisfaction with management	1.23	1.09	0.70	1.18
5Y. SRS22 - Satisfaction with management	1.25	0.55	0.55	0.96
	2.effect_size	3.mean	3.sd	
6M. SRS22 - Satisfaction with management	0.98	1.37	1.34	
1Y. SRS22 - Satisfaction with management	0.82	1.34	1.24	
2Y. SRS22 - Satisfaction with management	0.59	1.06	1.34	
5Y. SRS22 - Satisfaction with management	0.58	0.98	1.29	
	3.effect_size	4.mean	4.sd	
6M. SRS22 - Satisfaction with management	1.02	0.66	1.35	
1Y. SRS22 - Satisfaction with management	1.08	0.76	1.22	
2Y. SRS22 - Satisfaction with management	0.79	0.54	1.13	
5Y. SRS22 - Satisfaction with management	0.76	0.62	1.27	
	4.effect_size	5.mean	5.sd	
6M. SRS22 - Satisfaction with management	0.49	1.19	1.58	
1Y. SRS22 - Satisfaction with management	0.62	1.39	1.36	
2Y. SRS22 - Satisfaction with management	0.47	1.17	1.43	
5Y. SRS22 - Satisfaction with management	0.49	1.36	1.39	
	5.effect_size	maes.mae	maes.rel_mae	
6M. SRS22 - Satisfaction with management	0.75	1.222050	0.2887423	
1Y. SRS22 - Satisfaction with management	1.02	1.369700	0.3246786	
2Y. SRS22 - Satisfaction with management	0.82	1.517045	0.3664860	
5Y. SRS22 - Satisfaction with management	0.98	1.529793	0.3824255	
	p.val_1.2	p.val_1.3	p.val_1.4	
6M. SRS22 - Satisfaction with management	0.1733	0.7462	0.0209	
1Y. SRS22 - Satisfaction with management	0.1147	0.8148	0.0436	
2Y. SRS22 - Satisfaction with management	0.0263	0.4055	0.0104	
5Y. SRS22 - Satisfaction with management	0.6934	0.4593	0.8712	
	p.val_1.5	p.val_1.all		
6M. SRS22 - Satisfaction with management	0.4571	0.2106		
1Y. SRS22 - Satisfaction with management	0.9449	0.2944		
2Y. SRS22 - Satisfaction with management	0.6159	0.1049		
5Y. SRS22 - Satisfaction with management	0.1294	0.7283		
	p.val_1.vs_the_rest	p.val_2.3		
6M. SRS22 - Satisfaction with management	0.1260	0.3588		
1Y. SRS22 - Satisfaction with management	0.1927	0.2293		
2Y. SRS22 - Satisfaction with management	0.0465	0.2631		
5Y. SRS22 - Satisfaction with management	0.6825	0.1821		
	p.val_2.4	p.val_2.5	p.val_2.all	
6M. SRS22 - Satisfaction with management	0.1745	0.7600	0.7207	
1Y. SRS22 - Satisfaction with management	0.4868	0.2042	0.3479	
2Y. SRS22 - Satisfaction with management	0.5737	0.1602	0.2400	
5Y. SRS22 - Satisfaction with management	0.8400	0.0357	0.2204	
	p.val_2.vs_the_rest	p.val_3.4		

6M. SRS22 - Satisfaction with management	0.6469	0.0556
1Y. SRS22 - Satisfaction with management	0.2241	0.0926
2Y. SRS22 - Satisfaction with management	0.1275	0.1290
5Y. SRS22 - Satisfaction with management	0.1081	0.3588
	p.val_3.5	p.val_3.all
6M. SRS22 - Satisfaction with management	0.6610	0.4480
1Y. SRS22 - Satisfaction with management	0.8883	0.5237
2Y. SRS22 - Satisfaction with management	0.7753	0.6910
5Y. SRS22 - Satisfaction with management	0.3731	0.5288
	p.val_3.vs_the_rest	p.val_4.5
6M. SRS22 - Satisfaction with management	0.3654	0.1914
1Y. SRS22 - Satisfaction with management	0.4437	0.0848
2Y. SRS22 - Satisfaction with management	0.6367	0.0759
5Y. SRS22 - Satisfaction with management	0.4414	0.0932
	p.val_4.all	p.val_4.vs_the_rest
6M. SRS22 - Satisfaction with management	0.0813	0.0369
1Y. SRS22 - Satisfaction with management	0.1241	0.0714
2Y. SRS22 - Satisfaction with management	0.0919	0.0452
5Y. SRS22 - Satisfaction with management	0.5678	0.4932
	p.val_5.all	p.val_5.vs_the_rest
6M. SRS22 - Satisfaction with management	0.9123	0.8952
1Y. SRS22 - Satisfaction with management	0.4513	0.3665
2Y. SRS22 - Satisfaction with management	0.4547	0.3697
5Y. SRS22 - Satisfaction with management	0.1155	0.0670
	p.val_all	
6M. SRS22 - Satisfaction with management	0.1586	
1Y. SRS22 - Satisfaction with management	0.1705	
2Y. SRS22 - Satisfaction with management	0.0695	
5Y. SRS22 - Satisfaction with management	0.1647	

[1] "SF36 - PCS"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size	
6M. SF36 - PCS	4.24	8.76	0.48	1.63	8.78	0.19	
1Y. SF36 - PCS	5.56	8.70	0.64	4.93	9.09	0.54	
2Y. SF36 - PCS	5.41	9.23	0.59	3.78	8.76	0.43	
5Y. SF36 - PCS	5.09	10.12	0.50	5.11	10.39	0.49	
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size	4.mean
6M. SF36 - PCS	5.63	7.80	0.72	4.90	9.68	0.51	3.46
1Y. SF36 - PCS	6.01	7.62	0.79	6.30	10.14	0.62	4.27
2Y. SF36 - PCS	5.50	9.16	0.60	8.50	8.62	0.99	3.68
5Y. SF36 - PCS	4.40	10.29	0.43	6.97	9.56	0.73	5.03
	4.sd	4.effect_size	5.mean	5.sd	5.effect_size	maes.mae	
6M. SF36 - PCS	8.85	0.39	5.38	8.76	0.61	13.88998	
1Y. SF36 - PCS	8.63	0.49	5.93	8.54	0.69	15.25958	
2Y. SF36 - PCS	8.90	0.41	6.05	10.18	0.59	16.45518	
5Y. SF36 - PCS	9.37	0.54	4.52	10.87	0.42	17.36176	
	maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all	
6M. SF36 - PCS	0.3439976	0.0035	0.0634	0.2840	0.0204	0.0279	
1Y. SF36 - PCS	0.3654182	0.4193	0.4409	0.7027	0.5247	0.5926	
2Y. SF36 - PCS	0.3929796	0.2259	0.0043	0.9529	0.1905	0.1641	
5Y. SF36 - PCS	0.4191772	0.7222	0.3953	0.9743	0.8021	0.9942	

		p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5	p.val_2.all
6M. SF36 - PCS		0.0056	0.6508	0.1725	0.8604	0.1562
1Y. SF36 - PCS		0.4917	0.8612	0.2769	0.9523	0.6346
2Y. SF36 - PCS		0.0797	0.0596	0.2740	0.7465	0.9299
5Y. SF36 - PCS		0.9929	0.1871	0.7645	0.9571	0.6157
		p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	p.val_3.all	
6M. SF36 - PCS		0.0621	0.4574	0.7942	0.6570	
1Y. SF36 - PCS		0.5349	0.3052	0.8392	0.6232	
2Y. SF36 - PCS		0.9057	0.0099	0.1879	0.0250	
5Y. SF36 - PCS		0.4800	0.3998	0.2915	0.2624	
		p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest	
6M. SF36 - PCS		0.5994	0.2880	0.5877		0.5303
1Y. SF36 - PCS		0.5583	0.3557	0.3793		0.3167
2Y. SF36 - PCS		0.0092	0.2211	0.2366		0.1731
5Y. SF36 - PCS		0.1827	0.8338	0.9731		0.9694
		p.val_5.all	p.val_5.vs_the_rest	p.val_all		
6M. SF36 - PCS		0.3833	0.2969	0.0417		
1Y. SF36 - PCS		0.7684	0.7246	0.7437		
2Y. SF36 - PCS		0.6641	0.6011	0.0498		
5Y. SF36 - PCS		0.7587	0.7137	0.7682		

[1] "SF36 - MCS"

		All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size	
6M. SF36 - MCS		4.08	11.63	0.35	4.76	8.89	0.53	
1Y. SF36 - MCS		4.55	11.20	0.41	5.85	10.46	0.56	
2Y. SF36 - MCS		3.87	11.85	0.33	6.03	11.26	0.54	
5Y. SF36 - MCS		3.78	12.38	0.31	5.88	11.41	0.52	
		2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size	4.mean
6M. SF36 - MCS		3.72	13.02	0.29	4.53	10.58	0.43	3.81
1Y. SF36 - MCS		4.67	11.61	0.40	4.53	9.97	0.45	4.06
2Y. SF36 - MCS		3.56	12.82	0.28	3.09	11.73	0.26	3.16
5Y. SF36 - MCS		2.62	12.62	0.21	4.68	11.46	0.41	3.40
		4.sd	4.effect_size	5.mean	5.sd	5.effect_size	maes.mae	
6M. SF36 - MCS		11.37	0.34	3.60	13.66	0.26	20.08873	
1Y. SF36 - MCS		11.49	0.35	2.99	12.49	0.24	20.33500	
2Y. SF36 - MCS		11.01	0.29	2.83	11.76	0.24	19.84061	
5Y. SF36 - MCS		12.72	0.27	3.01	13.82	0.22	18.94390	
		maes.rel_mae	p.val_1.2	p.val_1.3	p.val_1.4	p.val_1.5	p.val_1.all	
6M. SF36 - MCS		0.4273215	0.5551	0.9016	0.6422	0.5921	0.5919	
1Y. SF36 - MCS		0.4289717	0.5017	0.4788	0.4158	0.1719	0.3476	
2Y. SF36 - MCS		0.4230018	0.1946	0.1752	0.1804	0.1248	0.1510	
5Y. SF36 - MCS		0.3986253	0.1534	0.6322	0.3949	0.3091	0.2764	
		p.val_1.vs_the_rest	p.val_2.3	p.val_2.4	p.val_2.5	p.val_2.all		
6M. SF36 - MCS		0.5132	0.6942	0.9647	0.9613	0.8153		
1Y. SF36 - MCS		0.2340	0.9388	0.7802	0.4227	0.9297		
2Y. SF36 - MCS		0.0705	0.8290	0.8517	0.7267	0.8351		
5Y. SF36 - MCS		0.1886	0.3814	0.7792	0.8860	0.4917		
		p.val_2.vs_the_rest	p.val_3.4	p.val_3.5	p.val_3.all			
6M. SF36 - MCS		0.7491	0.7558	0.7006	0.7868			
1Y. SF36 - MCS		0.9055	0.8371	0.4827	0.9895			
2Y. SF36 - MCS		0.7757	0.9773	0.9106	0.6683			

5Y. SF36 - MCS	0.3329	0.6663	0.5612	0.6559
	p.val_3.vs_the_rest	p.val_4.5	p.val_4.all	p.val_4.vs_the_rest
6M. SF36 - MCS	0.7515	0.9336	0.8863	0.8687
1Y. SF36 - MCS	0.9876	0.6672	0.7990	0.7714
2Y. SF36 - MCS	0.6166	0.8865	0.6908	0.6472
5Y. SF36 - MCS	0.5964	0.9030	0.8766	0.8591
	p.val_5.all	p.val_5.vs_the_rest	p.val_all	
6M. SF36 - MCS	0.8106	0.7721	0.9735	
1Y. SF36 - MCS	0.3889	0.2989	0.7112	
2Y. SF36 - MCS	0.5460	0.4702	0.5209	
5Y. SF36 - MCS	0.7431	0.6950	0.6850	

Surgery

	All.mean	All.sd	1.mean	1.sd	2.mean
Total Operative Blood Loss st1+st2+st3	1479.66	1269.00	1322.13	967.70	1497.64
Total surgical time st1+st2+st3	310.98	165.80	348.99	139.40	270.25
Number of Posterior Instrumented Levels	9.17	4.46	10.98	3.13	9.14
Number of Interbody Fusions	0.80	1.16	0.26	1.04	1.14
	2.sd	3.mean	3.sd	4.mean	4.sd
Total Operative Blood Loss st1+st2+st3	1219.41	1415.78	1036.52	1238.70	1286.15
Total surgical time st1+st2+st3	148.83	296.12	167.44	292.17	200.62
Number of Posterior Instrumented Levels	4.50	10.12	4.71	5.85	4.31
Number of Interbody Fusions	1.25	1.09	1.05	0.41	0.69
	5.mean	5.sd	maes.mae		
Total Operative Blood Loss st1+st2+st3	1895.90	1692.93	1962.346316		
Total surgical time st1+st2+st3	345.32	178.09	251.179544		
Number of Posterior Instrumented Levels	8.56	4.36	6.910485		
Number of Interbody Fusions	1.14	1.24	1.699595		
	maes.rel_mae	p.val_1.2	p.val_1.3		
Total Operative Blood Loss st1+st2+st3	1.3457322	0.3132	0.6159		
Total surgical time st1+st2+st3	0.8077018	0.0002	0.0499		
Number of Posterior Instrumented Levels	0.7550159	0.0020	0.2402		
Number of Interbody Fusions	2.1383999	0.0000	0.0000		
	p.val_1.4	p.val_1.5	p.val_1.all		
Total Operative Blood Loss st1+st2+st3	0.7003	0.0237	0.2505		
Total surgical time st1+st2+st3	0.0715	0.8908	0.0257		
Number of Posterior Instrumented Levels	0.0000	0.0004	0.0000		
Number of Interbody Fusions	0.2977	0.0000	0.0000		
	p.val_1.vs_the_rest	p.val_2.3	p.val_2.4		
Total Operative Blood Loss st1+st2+st3		0.0027	0.6736	0.2478	
Total surgical time st1+st2+st3		0.0027	0.3417	0.4885	
Number of Posterior Instrumented Levels		0.0027	0.2332	0.0000	
Number of Interbody Fusions		0.0027	0.8029	0.0000	
	p.val_2.5	p.val_2.all			
Total Operative Blood Loss st1+st2+st3	0.1218	0.9027			
Total surgical time st1+st2+st3	0.0066	0.0219			
Number of Posterior Instrumented Levels	0.4389	0.9573			
Number of Interbody Fusions	0.9763	0.0176			
	p.val_2.vs_the_rest	p.val_3.4	p.val_3.5		
Total Operative Blood Loss st1+st2+st3		0.1654	0.4486	0.0719	
Total surgical time st1+st2+st3		0.1654	0.9115	0.1233	
Number of Posterior Instrumented Levels		0.1654	0.0000	0.0751	

Number of Interbody Fusions	0.1654	0.0001	0.7992
	p.val_3.all	p.val_3.vs_the_rest	
Total Operative Blood Loss st1+st2+st3	0.6937	0.1336	
Total surgical time st1+st2+st3	0.5382	0.1336	
Number of Posterior Instrumented Levels	0.1783	0.1336	
Number of Interbody Fusions	0.0581	0.1336	
	p.val_4.5	p.val_4.all	
Total Operative Blood Loss st1+st2+st3	0.0234	0.2217	
Total surgical time st1+st2+st3	0.1378	0.5176	
Number of Posterior Instrumented Levels	0.0012	0.0000	
Number of Interbody Fusions	0.0001	0.0008	
	p.val_4.vs_the_rest	p.val_5.all	
Total Operative Blood Loss st1+st2+st3	0.0997	0.0765	
Total surgical time st1+st2+st3	0.0997	0.1577	
Number of Posterior Instrumented Levels	0.0997	0.3263	
Number of Interbody Fusions	0.0997	0.0416	
	p.val_5.vs_the_rest	p.val_all	
Total Operative Blood Loss st1+st2+st3	0.3555	0.0516	
Total surgical time st1+st2+st3	0.3555	0.0055	
Number of Posterior Instrumented Levels	0.3555	0.0000	
Number of Interbody Fusions	0.3555	0.0000	

```

$'Pelvic fixation'
$'Pelvic fixation'$All
$'Pelvic fixation'$All$table
variable
NA No Yes
19 209 133

```

```

$'Pelvic fixation'$All$proportion
variable
NA No Yes
0.05263158 0.57894737 0.36842105

```

```

$'Pelvic fixation'$'1'
$'Pelvic fixation'$'1'$table
variable
NA No Yes
1 90 2

```

```

$'Pelvic fixation'$'1'$proportion
variable
NA No Yes
0.01075269 0.96774194 0.02150538

```

```

$'Pelvic fixation'$'2'
$'Pelvic fixation'$'2'$table
variable
NA No Yes
3 47 45

```

```

$'Pelvic fixation'$'2'$proportion

```

```
variable
      NA      No      Yes
0.03157895 0.49473684 0.47368421
```

```
$'Pelvic fixation'$'3'
$'Pelvic fixation'$'3'$table
variable
  NA  No Yes
   2  22 32
```

```
$'Pelvic fixation'$'3'$proportion
variable
      NA      No      Yes
0.03571429 0.39285714 0.57142857
```

```
$'Pelvic fixation'$'4'
$'Pelvic fixation'$'4'$table
variable
  NA  No Yes
  11  26 17
```

```
$'Pelvic fixation'$'4'$proportion
variable
      NA      No      Yes
0.2037037 0.4814815 0.3148148
```

```
$'Pelvic fixation'$'5'
$'Pelvic fixation'$'5'$table
variable
  NA  No Yes
   2  24 37
```

```
$'Pelvic fixation'$'5'$proportion
variable
      NA      No      Yes
0.03174603 0.38095238 0.58730159
```

```
$'Pelvic fixation'$maes
$'Pelvic fixation'$maes$mae
[1] NA
```

```
$'Pelvic fixation'$maes$rel_mae
[1] NA
```

```
$'Surgical Approach'
$'Surgical Approach'$All
$'Surgical Approach'$All$table
variable
```

Anterior	Anterior-Posterior
1	4
Posterior	Posterior-Anterior
341	11
Posterior-Posterior	Posterior-Posterior-Anterior
3	1

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

Anterior	Anterior-Posterior
0.002770083	0.011080332
Posterior	Posterior-Anterior
0.944598338	0.030470914
Posterior-Posterior	Posterior-Posterior-Anterior
0.008310249	0.002770083

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

Anterior	Anterior-Posterior	Posterior	Posterior-Posterior
1	2	89	1

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

Anterior	Anterior-Posterior	Posterior	Posterior-Posterior
0.01075269	0.02150538	0.95698925	0.01075269

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

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
1	92	1	1

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

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
0.01052632	0.96842105	0.01052632	0.01052632

\$\$Surgical Approach\$\$'3'
\$\$Surgical Approach\$\$'3'\$table
variable

Posterior	Posterior-Anterior
52	3
Posterior-Posterior-Anterior	
1	

\$\$Surgical Approach\$\$'3'\$proportion
variable

Posterior	Posterior-Anterior
0.92857143	0.05357143
Posterior-Posterior-Anterior	

0.01785714

```
$Surgical Approach'$4'  
$Surgical Approach'$4'$table  
variable
```

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
1	51	1	1

```
$Surgical Approach'$4'$proportion  
variable
```

Anterior-Posterior	Posterior	Posterior-Anterior	Posterior-Posterior
0.01851852	0.94444444	0.01851852	0.01851852

```
$Surgical Approach'$5'  
$Surgical Approach'$5'$table  
variable
```

Posterior	Posterior-Anterior
57	6

```
$Surgical Approach'$5'$proportion  
variable
```

Posterior	Posterior-Anterior
0.9047619	0.0952381

```
$Surgical Approach'$maes  
$Surgical Approach'$maes$mae  
[1] NA
```

```
$Surgical Approach'$maes$rel_mae  
[1] NA
```

```
$Decompression  
$Decompression$All  
$Decompression$All$table  
variable  
No Yes  
271 90
```

```
$Decompression$All$proportion  
variable  
No Yes  
0.7506925 0.2493075
```

```
$Decompression$'1'  
$Decompression$'1'$table  
variable  
No Yes  
86 7
```

```
$Decompression$'1'$proportion
variable
      No      Yes
0.92473118 0.07526882
```

```
$Decompression$'2'
$Decompression$'2'$table
variable
      No Yes
      65 30
```

```
$Decompression$'2'$proportion
variable
      No      Yes
0.6842105 0.3157895
```

```
$Decompression$'3'
$Decompression$'3'$table
variable
      No Yes
      41 15
```

```
$Decompression$'3'$proportion
variable
      No      Yes
0.7321429 0.2678571
```

```
$Decompression$'4'
$Decompression$'4'$table
variable
      No Yes
      42 12
```

```
$Decompression$'4'$proportion
variable
      No      Yes
0.7777778 0.2222222
```

```
$Decompression$'5'
$Decompression$'5'$table
variable
      No Yes
      37 26
```

```
$Decompression$'5'$proportion
variable
      No      Yes
0.5873016 0.4126984
```

```
$Decompression$maes
$Decompression$maes$mae
[1] NA
```

```
$Decompression$maes$rel_mae
[1] NA
```

```
$'Interbody Fusion'
$'Interbody Fusion'$All
$'Interbody Fusion'$All$table
variable
  No Yes
209 152
```

```
$'Interbody Fusion'$All$proportion
variable
      No      Yes
0.5789474 0.4210526
```

```
$'Interbody Fusion'$'1'
$'Interbody Fusion'$'1'$table
variable
  No Yes
 84   9
```

```
$'Interbody Fusion'$'1'$proportion
variable
      No      Yes
0.90322581 0.09677419
```

```
$'Interbody Fusion'$'2'
$'Interbody Fusion'$'2'$table
variable
  No Yes
 39  56
```

```
$'Interbody Fusion'$'2'$proportion
variable
      No      Yes
0.4105263 0.5894737
```

```
$'Interbody Fusion'$'3'
$'Interbody Fusion'$'3'$table
variable
  No Yes
 22  34
```

```
$'Interbody Fusion'$'3'$proportion
```

```
variable
      No      Yes
0.3928571 0.6071429
```

```
Interbody Fusion`4`
Interbody Fusion`4`$table
variable
      No      Yes
      38      16
```

```
Interbody Fusion`4`$proportion
variable
      No      Yes
0.7037037 0.2962963
```

```
Interbody Fusion`5`
Interbody Fusion`5`$table
variable
      No      Yes
      26      37
```

```
Interbody Fusion`5`$proportion
variable
      No      Yes
0.4126984 0.5873016
```

```
Interbody Fusion`$maes
Interbody Fusion`$maes$mae
[1] NA
```

```
Interbody Fusion`$maes$rel_mae
[1] NA
```

```
$Osteotomy
$Osteotomy$All
$Osteotomy$All$table
variable
      No      Yes
      192      169
```

```
$Osteotomy$All$proportion
variable
      No      Yes
0.531856 0.468144
```

```
$Osteotomy`1`
$Osteotomy`1`$table
variable
```

No Yes
63 30

\$Osteotomy\$'1'\$proportion
variable
No Yes
0.6774194 0.3225806

\$Osteotomy\$'2'
\$Osteotomy\$'2'\$table
variable
No Yes
54 41

\$Osteotomy\$'2'\$proportion
variable
No Yes
0.5684211 0.4315789

\$Osteotomy\$'3'
\$Osteotomy\$'3'\$table
variable
No Yes
25 31

\$Osteotomy\$'3'\$proportion
variable
No Yes
0.4464286 0.5535714

\$Osteotomy\$'4'
\$Osteotomy\$'4'\$table
variable
No Yes
26 28

\$Osteotomy\$'4'\$proportion
variable
No Yes
0.4814815 0.5185185

\$Osteotomy\$'5'
\$Osteotomy\$'5'\$table
variable
No Yes
24 39

\$Osteotomy\$'5'\$proportion
variable
No Yes

0.3809524 0.6190476

```
$Osteotomy$maes
$Osteotomy$maes$mae
[1] NA
```

```
$Osteotomy$maes$rel_mae
[1] NA
```

```
$'3C0'
$'3C0'$All
$'3C0'$All$table
variable
  No Yes
307  54
```

```
$'3C0'$All$proportion
variable
      No      Yes
0.8504155 0.1495845
```

```
$'3C0'$'1'
$'3C0'$'1'$table
variable
  No Yes
 90   3
```

```
$'3C0'$'1'$proportion
variable
      No      Yes
0.96774194 0.03225806
```

```
$'3C0'$'2'
$'3C0'$'2'$table
variable
  No Yes
 86   9
```

```
$'3C0'$'2'$proportion
variable
      No      Yes
0.90526316 0.09473684
```

```
$'3C0'$'3'
$'3C0'$'3'$table
variable
  No Yes
 50   6
```

```

$'3C0'$'3'$proportion
variable
      No      Yes
0.8928571 0.1071429

```

```

$'3C0'$'4'
$'3C0'$'4'$table
variable
      No Yes
      39 15

```

```

$'3C0'$'4'$proportion
variable
      No      Yes
0.7222222 0.2777778

```

```

$'3C0'$'5'
$'3C0'$'5'$table
variable
      No Yes
      42 21

```

```

$'3C0'$'5'$proportion
variable
      No      Yes
0.6666667 0.3333333

```

```

$'3C0'$maes
$'3C0'$maes$mae
[1] NA

```

```

$'3C0'$maes$rel_mae
[1] NA

```

Reinterventions

	group	reiqs	patients	total
1:	1	13	8	93
2:	2	71	35	95
3:	3	30	16	56
4:	4	19	16	54
5:	5	70	28	63
6:	all	203	103	361

	p_val_all_1	p_val_all_2	p_val_all_3	p_val_all_4	p_val_all_5	p_val_1_2
1:	1e-04	0.1489	1	0.996	0.0176	0

	p_val_1_3	p_val_1_4	p_val_1_5	p_val_2_3	p_val_2_4	p_val_2_5	p_val_3_4
1:	0.0029	0.002	0	0.3898	0.4762	0.4297	1

```

    p_val_3_5 p_val_4_5
1:    0.1096    0.1449

```

Impacts

```

    Complication Impact all_num all_patients 1_num 1_patients 2_num 2_patients
1:              0         1         1         0         0         0         0
2:      Adverse Event         3         3         2         2         1         1
3:    Major Complication      227      110      15        10       76      35
4:    Minor Complication      205      139      27        21       51      33
    3_num 3_patients 4_num 4_patients 5_num 5_patients all  1  2  3  4  5
1:      1         1     0         0     0         0 361 93 95 56 54 63
2:      0         0     0         0     0         0 361 93 95 56 54 63
3:     33        17    28         20    75         28 361 93 95 56 54 63
4:     35        24    30         19    62         42 361 93 95 56 54 63
    p_val_all_1 p_val_all_2 p_val_all_3 p_val_all_4 p_val_all_5 p_val_1_2
1:      1.0000      1.0000      0.6305      1.0000      1.0000      NaN
2:      0.5960      1.0000      1.0000      1.0000      1.0000      0.9852
3:      0.0002      0.2879      1.0000      0.4162      0.0415      0.0001
4:      0.0061      0.5788      0.6355      0.7503      0.0001      0.0928
    p_val_1_3 p_val_1_4 p_val_1_5 p_val_2_3 p_val_2_4 p_val_2_5 p_val_3_4
1:      0.7970      NaN      NaN      0.7885      NaN      NaN      1.0000
2:      0.7114      0.7289      0.6554      1.0000      1      1.0000      NaN
3:      0.0053      0.0003      0.0000      0.5269      1      0.4297      0.5896
4:      0.0152      0.1434      0.0000      0.4119      1      0.0002      0.5294
    p_val_3_5 p_val_4_5
1:      0.9528      NaN
2:      NaN      NaN
3:      0.1638      0.5329
4:      0.0154      0.0013

```

Categories

```

    Category of the complication all_num all_patients 1_num 1_patients
1:    Central neurologic complications         1         1         0         0
2:                                Iatrogenic        19        19         4         4
3:            Infectious complications        33        28         2         1
4:            Mechanical complications       220       133        14        10
5:                Other complications       103        67        18        14
6:                                Pain         16        16         1         1
7: Peripheral neurologic complications        44        37         5         5
    2_num 2_patients 3_num 3_patients 4_num 4_patients 5_num 5_patients all  1
1:      0         0     0         0     0         0     1         1 361 93
2:      7         7     1         1     2         2     5         5 361 93
3:      8         8     2         2     5         5    16        12 361 93
4:     83        44    43         29    18        16    62        34 361 93
5:     16        10    13         12    19        12    37        19 361 93
6:      6         6     1         1     4         4     4         4 361 93
7:      8         7     9         6    10        10    12         9 361 93
    2  3  4  5 p_val_all_1 p_val_all_2 p_val_all_3 p_val_all_4 p_val_all_5
1: 95 56 54 63      1.0000      1.0000      1.0000      1.0000      0.6861

```

2:	95	56	54	63	0.9107	0.5901	0.4254	0.8770	0.5811
3:	95	56	54	63	0.0347	1.0000	0.3955	0.9115	0.0094
4:	95	56	54	63	0.0000	0.1170	0.0469	0.3797	0.0152
5:	95	56	54	63	0.5251	0.0881	0.7440	0.6501	0.0520
6:	95	56	54	63	0.2247	0.6218	0.5696	0.5409	0.7337
7:	95	56	54	63	0.2129	0.5151	1.0000	0.1192	0.4648
	p_val_1_2	p_val_1_3	p_val_1_4	p_val_1_5	p_val_2_3	p_val_2_4	p_val_2_5		
1:	NaN	NaN	NaN	0.8441	NaN	NaN	0.8356		
2:	0.5584	0.7217	1.0000	0.5448	0.2699	0.5858	1.0000		
3:	0.0437	0.6538	0.0471	0.0002	0.4129	1.0000	0.0850		
4:	0.0000	0.0000	0.0076	0.0000	0.6304	0.0684	0.4357		
5:	0.4768	0.4412	0.3822	0.0387	0.1106	0.0902	0.0036		
6:	0.1305	1.0000	0.1164	0.1701	0.3798	1.0000	1.0000		
7:	0.7946	0.3770	0.0241	0.1042	0.6835	0.0735	0.2535		
	p_val_3_4	p_val_3_5	p_val_4_5						
1:	NaN	1.0000	1.0000						
2:	0.9745	0.2666	0.5677						
3:	0.4059	0.0198	0.2170						
4:	0.0301	0.9568	0.0137						
5:	1.0000	0.3822	0.4475						
6:	0.3384	0.4349	1.0000						
7:	0.3734	0.7572	0.7133						