

Clusters Descriptives

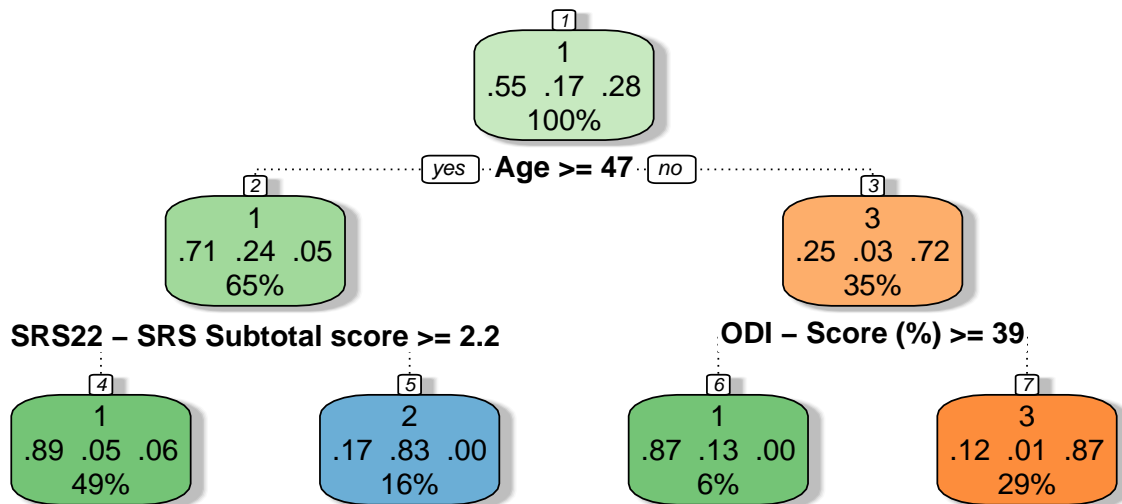
\$vars

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

Initial Patients: 372

Number of patients

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



Rattle 2024-Jan-09 21:55:14 aleix

Statistics

ODI

ODI stats overall

	mean	sd
1:	37.26197	19.77577

ODI stats by cluster

	cluster	mean	sd
1:	1	40.27363	14.03138
2:	2	61.84483	11.19649
3:	3	16.10417	11.27314

3CO: all vs each cluster

	cluster	p.val
1:	1	0.941170797
2:	2	0.009524567
3:	3	0.012853253

Pelvic fixation: all vs each cluster

	cluster	p.val
1:	1	7.675105e-02
2:	2	4.514302e-04
3:	3	4.518601e-09

P-value ASA 1 cluster vs cluster

	treatment	asa_1	N
1:	1	39	205
2:	2	7	63
3:	3	66	104

P-values Treatment 1 vs Treatment 2

[1] 0.2055715

P-values Treatment 1 vs Treatment 3

[1] 1.774504e-14

P-values Treatment 2 vs Treatment 3

[1] 1.12102e-10

P-value ASA 3 cluster vs cluster

	treatment	asa_3	N
1:	1	37	205
2:	2	16	63
3:	3	4	104

P-values Treatment 1 vs Treatment 2

[1] 0.2714116

P-values Treatment 1 vs Treatment 3

[1] 0.0009662313

P-values Treatment 2 vs Treatment 3

[1] 9.167044e-05

P-value Prior Spine Surgery Yes cluster vs cluster

	treatment	prior_yes	N
1:	1	66	205
2:	2	34	63
3:	3	17	104

P-values Treatment 1 vs Treatment 2

[1] 0.002917531

P-values Treatment 1 vs Treatment 3

[1] 0.004591781

P-values Treatment 2 vs Treatment 3

[1] 7.685231e-07

3CO cluster vs cluster

	treatment	prior_yes	N
1:	1	31	205
2:	2	18	63
3:	3	5	104

P-values Treatment 1 vs Treatment 2

[1] 0.02580586

P-values Treatment 1 vs Treatment 3

[1] 0.01303575

P-values Treatment 2 vs Treatment 3

[1] 4.357196e-05

Pelvic Fixation cluster vs cluster

	treatment	prior_yes	N
1:	1	90	205
2:	2	38	63
3:	3	6	104

P-values Treatment 1 vs Treatment 2

[1] 0.03258762

P-values Treatment 1 vs Treatment 3

[1] 1.886229e-11

P-values Treatment 2 vs Treatment 3

[1] 3.59253e-14

- p.val_all is the p-value obtained from the ANOVA
- p.val_1.2 is the p-value obtained from Tukey's HSD
- p.val_1.all is the p-value obtained from a t-test comparing cluster 1 vs all
- p.val_1.vs_the_rest is the p-value obtained from a t-test comparing cluster 1 vs clusters 2 and 3

Demographics

	variable	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	p.val_1.all
Age	Age	52.42	19.39	60.46	14.87	63.22	10.37	30.03	12.07	0
	p.val_1.vs_the_rest									
Age		0		0				0		0
	p.val_3.vs_the_rest									
Age		0		0	2.7637	0.3286	-30.4297			0
	diff_3.2									
Age		-33.1934		0						

\$Gender

\$Gender\$All

\$Gender\$All\$table

variable

Female Male

291 81

\$Gender\$All\$proportion

variable

Female Male

0.7822581 0.2177419

\$Gender\$'1'

\$Gender\$'1'\$table

variable

Female	Male
168	37

\$Gender\$'1'\$proportion
variable

Female	Male
0.8195122	0.1804878

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

Female	Male
49	14

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

Female	Male
0.7777778	0.2222222

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

Female	Male
74	30

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

Female	Male
0.7115385	0.2884615

\$'Prior Spine Surgery'
\$'Prior Spine Surgery'\$All
\$'Prior Spine Surgery'\$All\$table
variable

No	Yes
255	117

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

No	Yes
0.6854839	0.3145161

\$'Prior Spine Surgery'\$'1'
\$'Prior Spine Surgery'\$'1'\$table
variable

No	Yes
139	66

\$'Prior Spine Surgery'\$'1'\$proportion

```
variable
      No      Yes
0.6780488 0.3219512
```

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

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

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

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

Radiology

```
[1] "Static Major curve Cobb angle"
```

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd
Static Major curve Cobb angle	42.46	21.33	37.88	17.91	31.68	20.00
6W. Static Major curve Cobb angle	23.00	16.25	21.64	14.66	15.42	11.56
6M. Static Major curve Cobb angle	23.05	17.22	20.44	14.66	17.86	14.98
1Y. Static Major curve Cobb angle	20.74	16.11	19.98	15.57	13.61	10.38
2Y. Static Major curve Cobb angle	22.52	17.11	20.61	15.01	16.39	13.18
5Y. Static Major curve Cobb angle	25.54	17.29	24.30	15.95	15.43	9.49
	3.mean	3.sd	p.val_1.all	p.val_1.vs_the_rest		
Static Major curve Cobb angle	58.24	20.02	0.0081			0.0000
6W. Static Major curve Cobb angle	29.73	18.82	0.3431			0.1042
6M. Static Major curve Cobb angle	30.82	20.23	0.0816			0.0041
1Y. Static Major curve Cobb angle	26.41	17.98	0.6044			0.3523
2Y. Static Major curve Cobb angle	29.50	20.24	0.2347			0.0527
5Y. Static Major curve Cobb angle	35.48	19.38	0.5953			0.3654
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.all			
Static Major curve Cobb angle	0.0003		0.000			0.0000
6W. Static Major curve Cobb angle	0.0001		0.000			0.0023
6M. Static Major curve Cobb angle	0.0321		0.013			0.0013

1Y. Static Major curve Cobb angle	0.0000	0.000	0.0068
2Y. Static Major curve Cobb angle	0.0050	0.001	0.0049
5Y. Static Major curve Cobb angle	0.0000	0.000	0.0059
	p.val_3.vs_the_rest	p.val_all	diff_2.1
Static Major curve Cobb angle	0e+00	0	-6.2036
6W. Static Major curve Cobb angle	0e+00	0	-6.2226
6M. Static Major curve Cobb angle	0e+00	0	-2.5859
1Y. Static Major curve Cobb angle	2e-04	0	-6.3626
2Y. Static Major curve Cobb angle	1e-04	0	-4.2151
5Y. Static Major curve Cobb angle	3e-04	0	-8.8695
	p.val_2.1	diff_3.1	p.val_3.1
Static Major curve Cobb angle	0.0687	20.3592	0.0000
6W. Static Major curve Cobb angle	0.0351	8.0822	0.0002
6M. Static Major curve Cobb angle	0.6045	10.3807	0.0000
1Y. Static Major curve Cobb angle	0.0231	6.4352	0.0039
2Y. Static Major curve Cobb angle	0.2642	8.8950	0.0003
5Y. Static Major curve Cobb angle	0.0347	11.1789	0.0017
	p.val_3.2	diff_3.2	
Static Major curve Cobb angle	0		
6W. Static Major curve Cobb angle	0		
6M. Static Major curve Cobb angle	0		
1Y. Static Major curve Cobb angle	0		
2Y. Static Major curve Cobb angle	0		
5Y. Static Major curve Cobb angle	0		

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

[1] "Sagittal T2-T5"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal T2-T5	11.09	9.83	11.18	9.79	10.67	10.35	11.18	9.67
6W. Sagittal T2-T5	13.65	8.18	13.47	7.77	14.64	9.57	13.40	8.08
6M. Sagittal T2-T5	14.05	9.61	14.07	9.98	13.60	11.43	14.27	7.79
1Y. Sagittal T2-T5	13.92	9.59	12.98	9.33	14.70	11.87	15.22	8.26
2Y. Sagittal T2-T5	14.33	9.94	12.59	9.38	16.11	11.27	16.13	9.58
5Y. Sagittal T2-T5	15.76	11.63	14.93	10.54	17.54	15.18	16.16	11.07
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all					
Sagittal T2-T5	0.9186		0.8494		0.7687			
6W. Sagittal T2-T5	0.8143		0.6807		0.4861			
6M. Sagittal T2-T5	0.9848		0.9714		0.7914			
1Y. Sagittal T2-T5	0.3160		0.0717		0.6515			
2Y. Sagittal T2-T5	0.0818		0.0031		0.2954			
5Y. Sagittal T2-T5	0.5942		0.3671		0.5666			
	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest					
Sagittal T2-T5		0.7256	0.9400			0.9209		
6W. Sagittal T2-T5		0.4035	0.7995			0.7332		

6M. Sagittal T2-T5	0.7529	0.8263	0.7750
1Y. Sagittal T2-T5	0.5834	0.2259	0.1162
2Y. Sagittal T2-T5	0.2034	0.1378	0.0431
5Y. Sagittal T2-T5	0.4820	0.8409	0.7927

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
Sagittal T2-T5	0.9352	-0.5138	0.9338	-0.0053	1.0000	0.5085
6W. Sagittal T2-T5	0.6332	1.1678	0.6441	-0.0702	0.9977	-1.2379
6M. Sagittal T2-T5	0.9245	-0.4720	0.9507	0.1982	0.9865	0.6702
1Y. Sagittal T2-T5	0.1863	1.7138	0.4965	2.2320	0.2006	0.5182
2Y. Sagittal T2-T5	0.0127	3.5218	0.0744	3.5399	0.0258	0.0180
5Y. Sagittal T2-T5	0.5889	2.6033	0.5788	1.2281	0.8535	-1.3752

	p.val_3.2
Sagittal T2-T5	0.9475
6W. Sagittal T2-T5	0.6648
6M. Sagittal T2-T5	0.9177
1Y. Sagittal T2-T5	0.9492
2Y. Sagittal T2-T5	0.9999
5Y. Sagittal T2-T5	0.8852

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

[1] "Sagittal T5-T12"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal T5-T12	32.91	18.82	31.43	18.23	32.25	18.30	36.24	20.05
6W. Sagittal T5-T12	33.74	13.83	34.94	13.51	36.00	12.79	30.05	14.48
6M. Sagittal T5-T12	34.66	13.88	35.84	13.64	37.34	13.61	30.99	13.89
1Y. Sagittal T5-T12	35.43	13.85	36.49	13.91	37.85	13.79	31.85	13.24
2Y. Sagittal T5-T12	36.18	15.75	38.61	17.40	37.17	15.11	31.60	12.01
5Y. Sagittal T5-T12	40.10	16.53	41.50	15.90	44.81	15.15	33.92	17.33

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
Sagittal T5-T12	0.3690	0.1042	0.7972
6W. Sagittal T5-T12	0.3588	0.1002	0.2365
6M. Sagittal T5-T12	0.3723	0.1098	0.1941
1Y. Sagittal T5-T12	0.4364	0.1503	0.2471
2Y. Sagittal T5-T12	0.1669	0.0090	0.6708
5Y. Sagittal T5-T12	0.5378	0.2763	0.1450

	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest
Sagittal T5-T12	0.7600	0.1398	0.0477
6W. Sagittal T5-T12	0.1590	0.0352	0.0045
6M. Sagittal T5-T12	0.1243	0.0283	0.0029
1Y. Sagittal T5-T12	0.1675	0.0333	0.0048
2Y. Sagittal T5-T12	0.6096	0.0049	0.0003
5Y. Sagittal T5-T12	0.0791	0.0505	0.0096

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
Sagittal T5-T12	0.1114	0.8196	0.9516	4.8073	0.0955	3.9877

6W. Sagittal T5-T12	0.0108	1.0572	0.8728	-4.8907	0.0192	-5.9479
6M. Sagittal T5-T12	0.0083	1.4972	0.7717	-4.8570	0.0194	-6.3542
1Y. Sagittal T5-T12	0.0173	1.3619	0.8077	-4.6338	0.0344	-5.9957
2Y. Sagittal T5-T12	0.0044	-1.4361	0.8381	-7.0140	0.0032	-5.5780
5Y. Sagittal T5-T12	0.0148	3.3196	0.6206	-7.5797	0.0472	-10.8994

p.val_3.2

Sagittal T5-T12	0.3892
6W. Sagittal T5-T12	0.0317
6M. Sagittal T5-T12	0.0220
1Y. Sagittal T5-T12	0.0371
2Y. Sagittal T5-T12	0.1066
5Y. Sagittal T5-T12	0.0198

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

[1] "Sagittal T2-T12"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sagittal T2-T12	39.93	19.68	38.61	19.46	40.27	19.30	42.32	20.29
6W. Sagittal T2-T12	43.16	15.31	44.43	14.45	46.84	14.87	38.61	16.22
6M. Sagittal T2-T12	44.77	15.26	45.40	14.61	48.90	17.79	41.43	14.35
1Y. Sagittal T2-T12	44.92	15.31	45.55	15.04	47.84	17.38	41.95	14.10
2Y. Sagittal T2-T12	45.64	15.57	45.61	15.46	49.21	17.78	43.46	13.96
5Y. Sagittal T2-T12	49.45	16.87	51.02	15.35	52.61	20.93	44.13	15.89

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
Sagittal T2-T12	0.4456	0.1623	0.8989
6W. Sagittal T2-T12	0.3714	0.1200	0.0993
6M. Sagittal T2-T12	0.6610	0.4433	0.1226
1Y. Sagittal T2-T12	0.6710	0.4472	0.2555
2Y. Sagittal T2-T12	0.9855	0.9748	0.1764
5Y. Sagittal T2-T12	0.4847	0.2346	0.4641

	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest
Sagittal T2-T12	0.8797	0.2955	0.1621
6W. Sagittal T2-T12	0.0502	0.0191	0.0014
6M. Sagittal T2-T12	0.0670	0.0531	0.0089
1Y. Sagittal T2-T12	0.1712	0.0933	0.0262
2Y. Sagittal T2-T12	0.0989	0.2225	0.1023
5Y. Sagittal T2-T12	0.3705	0.0721	0.0187

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
Sagittal T2-T12	0.3042	1.6588	0.8295	3.7141	0.2744	2.0554
6W. Sagittal T2-T12	0.0021	2.4057	0.5648	-5.8188	0.0095	-8.2246
6M. Sagittal T2-T12	0.0137	3.5000	0.3182	-3.9693	0.1058	-7.4693
1Y. Sagittal T2-T12	0.0654	2.2894	0.6095	-3.6016	0.1815	-5.8909
2Y. Sagittal T2-T12	0.1077	3.6002	0.3210	-2.1489	0.5713	-5.7492
5Y. Sagittal T2-T12	0.0631	1.5950	0.9037	-6.8835	0.0920	-8.4784

p.val_3.2

Sagittal T2-T12	0.7926
6W. Sagittal T2-T12	0.0047
6M. Sagittal T2-T12	0.0131
1Y. Sagittal T2-T12	0.0700
2Y. Sagittal T2-T12	0.0878
5Y. Sagittal T2-T12	0.1080

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

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

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean
Lordosis (top of L1-S1)	-43.79	20.39	-40.72	18.67	-32.81	19.24	-56.42
6W. Lordosis (top of L1-S1)	-51.20	14.22	-50.24	14.13	-49.95	15.56	-53.79
6M. Lordosis (top of L1-S1)	-50.88	14.30	-49.83	13.62	-46.07	17.04	-55.58
1Y. Lordosis (top of L1-S1)	-51.16	14.46	-50.04	13.87	-47.19	16.62	-55.87
2Y. Lordosis (top of L1-S1)	-51.59	15.20	-50.42	15.53	-46.87	16.23	-56.52
5Y. Lordosis (top of L1-S1)	-50.64	15.97	-48.59	16.16	-49.25	14.85	-55.84
	3.sd	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all			
Lordosis (top of L1-S1)	18.14	0.0696		0.0016		0.0001	
6W. Lordosis (top of L1-S1)	13.40	0.4500		0.1580		0.5788	
6M. Lordosis (top of L1-S1)	12.64	0.4107		0.1429		0.0538	
1Y. Lordosis (top of L1-S1)	13.11	0.3932		0.1246		0.0993	
2Y. Lordosis (top of L1-S1)	12.56	0.4529		0.1773		0.0514	
5Y. Lordosis (top of L1-S1)	15.57	0.3600		0.0876		0.6564	
	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest				
Lordosis (top of L1-S1)	0.0000	0.0000		0.0000			
6W. Lordosis (top of L1-S1)	0.5139	0.0988				0.0285	
6M. Lordosis (top of L1-S1)	0.0226	0.0021				0.0001	
1Y. Lordosis (top of L1-S1)	0.0491	0.0039				0.0002	
2Y. Lordosis (top of L1-S1)	0.0186	0.0026				0.0001	
5Y. Lordosis (top of L1-S1)	0.5918	0.0696				0.0178	
	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1		
Lordosis (top of L1-S1)	0.0000	7.9082	0.0096	-15.6960	0.0000		
6W. Lordosis (top of L1-S1)	0.1032	0.2917	0.9902	-3.5468	0.1096		
6M. Lordosis (top of L1-S1)	0.0001	3.7545	0.1931	-5.7559	0.0034		
1Y. Lordosis (top of L1-S1)	0.0006	2.8539	0.3932	-5.8309	0.0048		
2Y. Lordosis (top of L1-S1)	0.0004	3.5525	0.2885	-6.1003	0.0070		
5Y. Lordosis (top of L1-S1)	0.0574	-0.6623	0.9800	-7.2591	0.0513		
	diff_3.2	p.val_3.2					
Lordosis (top of L1-S1)	-23.6042	0.0000					
6W. Lordosis (top of L1-S1)	-3.8385	0.2474					
6M. Lordosis (top of L1-S1)	-9.5103	0.0002					
1Y. Lordosis (top of L1-S1)	-8.6848	0.0012					
2Y. Lordosis (top of L1-S1)	-9.6528	0.0006					
5Y. Lordosis (top of L1-S1)	-6.5969	0.2127					

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

[1] "Pelvic Incidence"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Pelvic Incidence	54.11	13.05	55.27	13.45	55.85	13.73	50.68	11.14
6W. Pelvic Incidence	54.15	12.92	55.41	13.46	56.27	13.25	50.37	10.77
6M. Pelvic Incidence	53.99	12.65	55.20	13.05	54.70	13.44	51.26	10.99
1Y. Pelvic Incidence	53.66	12.57	54.38	12.85	56.59	12.86	50.44	11.22
2Y. Pelvic Incidence	53.75	12.42	54.57	12.79	56.40	13.54	50.67	10.43
5Y. Pelvic Incidence	54.90	12.41	54.49	12.92	58.62	12.57	53.06	10.86

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
Pelvic Incidence	0.3184		0.3526
6W. Pelvic Incidence	0.2941		0.2765
6M. Pelvic Incidence	0.3097		0.7222
1Y. Pelvic Incidence	0.5478		0.1240
2Y. Pelvic Incidence	0.5221		0.1860
5Y. Pelvic Incidence	0.8182		0.1581

	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest
Pelvic Incidence	0.2681	0.0091	0.0008
6W. Pelvic Incidence	0.2012	0.0045	0.0002
6M. Pelvic Incidence	0.6754	0.0406	0.0074
1Y. Pelvic Incidence	0.0685	0.0212	0.0026
2Y. Pelvic Incidence	0.1084	0.0232	0.0028
5Y. Pelvic Incidence	0.0877	0.3659	0.2454

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
Pelvic Incidence	0.0075	0.5774	0.9483	-4.5890	0.0103	-5.1664
6W. Pelvic Incidence	0.0033	0.8609	0.8995	-5.0426	0.0052	-5.9035
6M. Pelvic Incidence	0.0430	-0.5029	0.9643	-3.9380	0.0362	-3.4351
1Y. Pelvic Incidence	0.0090	2.2183	0.4845	-3.9318	0.0405	-6.1501
2Y. Pelvic Incidence	0.0147	1.8270	0.6183	-3.8968	0.0521	-5.7238
5Y. Pelvic Incidence	0.1774	4.1316	0.2825	-1.4295	0.8241	-5.5612

	p.val_3.2
Pelvic Incidence	0.0350
6W. Pelvic Incidence	0.0191
6M. Pelvic Incidence	0.2493
1Y. Pelvic Incidence	0.0122
2Y. Pelvic Incidence	0.0210
5Y. Pelvic Incidence	0.1670

	t0	t1	1	2	3	All
1: Preop	2Y	0.6193	0.8289	0.9951	0.7170	
2: Preop	5Y	0.6500	0.3499	0.2533	0.5238	
3: Preop	6W	0.9190	0.8664	0.8408	0.9695	
4:	6W 2Y	0.5583	0.9610	0.8467	0.6936	

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5:    6W 5Y 0.5975 0.4341 0.1964 0.5476
6:    2Y 5Y 0.9634 0.4627 0.2534 0.3628

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[1] "Pelvic Tilt"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Pelvic Tilt	21.99	10.97	24.33	10.68	27.72	8.21	13.63	8.12
6W. Pelvic Tilt	18.18	9.64	19.76	9.47	22.18	8.79	12.62	8.05
6M. Pelvic Tilt	19.60	10.05	21.42	9.50	24.40	9.47	13.25	8.40
1Y. Pelvic Tilt	19.40	10.25	20.95	10.09	24.32	8.30	13.18	8.80
2Y. Pelvic Tilt	19.25	9.43	21.14	8.72	24.20	8.37	12.91	7.93
5Y. Pelvic Tilt	21.93	9.91	23.68	8.89	27.04	8.52	14.67	9.04

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all	p.val_2.vs_the_rest
Pelvic Tilt	0.0143	0.0000	0.0000	0.0000
6W. Pelvic Tilt	0.0685	0.0006	0.0030	0.0006
6M. Pelvic Tilt	0.0415	0.0002	0.0011	0.0001
1Y. Pelvic Tilt	0.1039	0.0024	0.0002	0.0000
2Y. Pelvic Tilt	0.0386	0.0005	0.0002	0.0000
5Y. Pelvic Tilt	0.1751	0.0208	0.0071	0.0013

	p.val_3.all	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1
Pelvic Tilt	0	0	0	3.3899	0.0406
6W. Pelvic Tilt	0	0	0	2.4228	0.1893
6M. Pelvic Tilt	0	0	0	2.9770	0.0964
1Y. Pelvic Tilt	0	0	0	3.3777	0.0577
2Y. Pelvic Tilt	0	0	0	3.0616	0.0597
5Y. Pelvic Tilt	0	0	0	3.3603	0.1988

	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2
Pelvic Tilt	-10.7004	0	-14.0903	0
6W. Pelvic Tilt	-7.1368	0	-9.5595	0
6M. Pelvic Tilt	-8.1727	0	-11.1497	0
1Y. Pelvic Tilt	-7.7712	0	-11.1489	0
2Y. Pelvic Tilt	-8.2268	0	-11.2883	0
5Y. Pelvic Tilt	-9.0166	0	-12.3769	0

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

[1] "Sacral Slope"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Sacral Slope	32.56	11.12	31.61	11.17	28.08	11.06	37.22	9.39
6W. Sacral Slope	35.90	10.13	35.54	10.05	34.00	12.20	37.66	8.79
6M. Sacral Slope	34.37	10.03	33.59	10.17	30.28	10.78	38.16	7.97
1Y. Sacral Slope	34.30	9.66	33.33	9.55	32.28	9.93	37.47	9.05
2Y. Sacral Slope	34.58	10.38	33.57	10.26	32.18	11.37	37.83	9.23

5Y. Sacral Slope	32.97	10.72	30.80	10.52	31.58	10.66	38.42	9.40
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all					
Sacral Slope	0.3286		0.0679		0.0039			
6W. Sacral Slope	0.7005		0.4729		0.2811			
6M. Sacral Slope	0.4031		0.1135		0.0119			
1Y. Sacral Slope	0.2809		0.0460		0.1673			
2Y. Sacral Slope	0.3319		0.0890		0.1534			
5Y. Sacral Slope	0.1428		0.0069		0.5300			
	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest	p.val_all				
Sacral Slope	0.0006	0.0000		0.0000	0.0000			
6W. Sacral Slope	0.2030	0.0948		0.0296	0.0800			
6M. Sacral Slope	0.0032	0.0002		0.0000	0.0000			
1Y. Sacral Slope	0.1008	0.0044		0.0002	0.0009			
2Y. Sacral Slope	0.0830	0.0061		0.0003	0.0016			
5Y. Sacral Slope	0.4469	0.0027		0.0001	0.0008			
	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2		
Sacral Slope	-3.5244	0.0592	5.6158	0.0001	9.1402	0.0000		
6W. Sacral Slope	-1.5493	0.5797	2.1170	0.2155	3.6663	0.0841		
6M. Sacral Slope	-3.3088	0.0746	4.5668	0.0007	7.8756	0.0000		
1Y. Sacral Slope	-1.0449	0.7552	4.1462	0.0024	5.1912	0.0044		
2Y. Sacral Slope	-1.3894	0.6673	4.2639	0.0063	5.6534	0.0044		
5Y. Sacral Slope	0.7725	0.9374	7.6140	0.0006	6.8414	0.0217		

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

[1] "RLL"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	p.val_1.all
RLL	-18.81	20.26	-22.55	18.10	-30.81	18.11	-3.79	17.01	0.0238
6W. RLL	-11.30	13.07	-13.11	13.09	-13.94	12.33	-6.08	12.08	0.1288
6M. RLL	-11.56	13.38	-13.32	12.36	-16.63	15.43	-5.33	11.87	0.1337
1Y. RLL	-11.22	13.90	-12.67	13.41	-17.05	14.32	-4.54	12.13	0.2530
2Y. RLL	-10.54	14.13	-12.03	14.26	-17.09	13.93	-3.85	11.20	0.3004
5Y. RLL	-12.40	14.34	-14.20	13.96	-16.10	12.46	-6.05	14.70	0.3595
	p.val_1.vs_the_rest	p.val_2.all	p.val_2.vs_the_rest	p.val_3.all					
RLL	0.0001		0.0000		0.0000		0.0000		
6W. RLL	0.0037		0.1518		0.0936		0.0004		
6M. RLL	0.0085		0.0271		0.0092		0.0000		
1Y. RLL	0.0365		0.0070		0.0014		0.0000		
2Y. RLL	0.0653		0.0022		0.0002		0.0000		
5Y. RLL	0.0979		0.1679		0.0987		0.0191		
	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1			
RLL	0.0000	0.000	-8.2597	0.0040	18.7684	0.0000			
6W. RLL	0.0000	0.000	-0.8319	0.9054	7.0310	0.0000			
6M. RLL	0.0000	0.000	-3.3107	0.2212	7.9895	0.0000			
1Y. RLL	0.0000	0.000	-4.3736	0.0862	8.1319	0.0000			

2Y. RLL	0.0000	0.000	-5.0666	0.0463	8.1754	0.0000
5Y. RLL	0.0021	0.004	-1.8993	0.8080	8.1456	0.0088

	diff_3.2	p.val_3.2
RLL	27.0281	0.0000
6W. RLL	7.8630	0.0010
6M. RLL	11.3002	0.0000
1Y. RLL	12.5056	0.0000
2Y. RLL	13.2420	0.0000
5Y. RLL	10.0448	0.0113

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

[1] "Global Tilt"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Global Tilt	26.29	17.73	29.71	17.30	38.32	13.42	11.31	9.61
6W. Global Tilt	18.64	12.13	20.99	11.97	24.07	10.77	10.61	9.09
6M. Global Tilt	20.43	13.71	22.97	12.99	27.11	13.29	11.47	10.73
1Y. Global Tilt	20.75	13.96	22.46	13.99	28.51	11.62	11.81	10.48
2Y. Global Tilt	20.89	13.98	23.74	12.28	29.75	12.90	10.58	11.00
5Y. Global Tilt	24.89	14.93	27.22	14.37	33.16	12.33	14.17	11.80
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all	p.val_2.vs_the_rest				
Global Tilt	0.0293		0.0001	0.0000			0e+00	
6W. Global Tilt	0.0452		0.0002	0.0015			2e-04	
6M. Global Tilt	0.0502		0.0005	0.0015			2e-04	
1Y. Global Tilt	0.2155		0.0185	0.0001			0e+00	
2Y. Global Tilt	0.0367		0.0007	0.0000			0e+00	
5Y. Global Tilt	0.2509		0.0391	0.0030			4e-04	
	p.val_3.all	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1			
Global Tilt	0		0	0	8.6087		0.0003	
6W. Global Tilt	0		0	0	3.0760		0.1883	
6M. Global Tilt	0		0	0	4.1375		0.0978	
1Y. Global Tilt	0		0	0	6.0467		0.0096	
2Y. Global Tilt	0		0	0	6.0101		0.0068	
5Y. Global Tilt	0		0	0	5.9386		0.1102	
	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2				
Global Tilt	-18.3989	0	-27.0076	0				
6W. Global Tilt	-10.3828	0	-13.4588	0				
6M. Global Tilt	-11.5026	0	-15.6401	0				
1Y. Global Tilt	-10.6488	0	-16.6955	0				
2Y. Global Tilt	-13.1578	0	-19.1679	0				
5Y. Global Tilt	-13.0567	0	-18.9953	0				

	t0	t1	1	2	3	All
1: Preop 2Y	0.0003	0.0007	0.6427	0.0000		
2: Preop 5Y	0.2226	0.0794	0.1859	0.3675		

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3: Preop 6W 0.0000 0.0000 0.6185 0.0000
4:   6W 2Y 0.0528 0.0165 0.9862 0.0418
5:   6W 5Y 0.0011 0.0019 0.1012 0.0000
6:   2Y 5Y 0.0721 0.2500 0.1151 0.0080

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[1] "T1 Sagittal Tilt"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
T1 Sagittal Tilt	-1.86	6.15	-1.64	6.10	2.22	6.77	-4.83	3.91
6W. T1 Sagittal Tilt	-3.59	4.01	-3.35	4.11	-3.37	4.19	-4.20	3.65
6M. T1 Sagittal Tilt	-4.12	4.30	-4.12	4.34	-2.52	5.26	-5.03	3.29
1Y. T1 Sagittal Tilt	-3.88	5.00	-3.93	5.05	-2.11	5.36	-4.97	4.33
2Y. T1 Sagittal Tilt	-3.63	4.47	-3.44	4.43	-1.39	5.60	-5.24	3.01
5Y. T1 Sagittal Tilt	-2.75	4.89	-2.84	5.49	-0.99	4.43	-3.87	3.36

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
T1 Sagittal Tilt	0.7062	0.4938	0.0001
6W. T1 Sagittal Tilt	0.5625	0.2665	0.7441
6M. T1 Sagittal Tilt	0.9935	0.9879	0.0531
1Y. T1 Sagittal Tilt	0.9254	0.8584	0.0387
2Y. T1 Sagittal Tilt	0.6890	0.4744	0.0148
5Y. T1 Sagittal Tilt	0.9093	0.8153	0.0656

	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest
T1 Sagittal Tilt	0.0000	0.0000	0.0000
6W. T1 Sagittal Tilt	0.6989	0.2091	0.1005
6M. T1 Sagittal Tilt	0.0217	0.0407	0.0087
1Y. T1 Sagittal Tilt	0.0136	0.0727	0.0218
2Y. T1 Sagittal Tilt	0.0037	0.0003	0.0000
5Y. T1 Sagittal Tilt	0.0270	0.1027	0.0447

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
T1 Sagittal Tilt	0.0000	3.8646	0.0000	-3.1886	0.0001	-7.0532
6W. T1 Sagittal Tilt	0.2959	-0.0199	0.9995	-0.8546	0.2872	-0.8347
6M. T1 Sagittal Tilt	0.0057	1.5943	0.0633	-0.9150	0.2526	-2.5093
1Y. T1 Sagittal Tilt	0.0093	1.8230	0.0707	-1.0403	0.3123	-2.8633
2Y. T1 Sagittal Tilt	0.0000	2.0501	0.0174	-1.8016	0.0100	-3.8517
5Y. T1 Sagittal Tilt	0.0584	1.8428	0.1940	-1.0357	0.5220	-2.8785

	p.val_3.2
T1 Sagittal Tilt	0.0000
6W. T1 Sagittal Tilt	0.5113
6M. T1 Sagittal Tilt	0.0038
1Y. T1 Sagittal Tilt	0.0065
2Y. T1 Sagittal Tilt	0.0000
5Y. T1 Sagittal Tilt	0.0467

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

[1] "Thoracolumbar L2-T10"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
Thoracolumbar L2-T10	10.03	20.48	10.75	20.57	12.01	19.20	7.38	21.02
6W. Thoracolumbar L2-T10	4.91	12.50	6.15	12.72	7.37	10.07	1.17	12.67
6M. Thoracolumbar L2-T10	5.08	12.15	6.75	11.21	6.98	9.83	0.58	14.05
1Y. Thoracolumbar L2-T10	5.27	12.67	7.60	11.91	7.36	11.02	-0.40	13.31
2Y. Thoracolumbar L2-T10	6.07	12.79	7.70	12.82	8.45	11.79	1.76	12.43
5Y. Thoracolumbar L2-T10	7.26	14.64	8.98	14.19	10.45	12.40	1.49	15.74

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
Thoracolumbar L2-T10	0.6943	0.4685	0.4591
6W. Thoracolumbar L2-T10	0.3107	0.0594	0.1203
6M. Thoracolumbar L2-T10	0.1357	0.0086	0.2253
1Y. Thoracolumbar L2-T10	0.0523	0.0006	0.2291
2Y. Thoracolumbar L2-T10	0.2195	0.0299	0.1916
5Y. Thoracolumbar L2-T10	0.3923	0.1257	0.2332

	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest
Thoracolumbar L2-T10	0.3788	0.2669	0.1370
6W. Thoracolumbar L2-T10	0.0693	0.0152	0.0010
6M. Thoracolumbar L2-T10	0.1572	0.0089	0.0004
1Y. Thoracolumbar L2-T10	0.1571	0.0007	0.0000
2Y. Thoracolumbar L2-T10	0.1162	0.0071	0.0003
5Y. Thoracolumbar L2-T10	0.1537	0.0435	0.0075

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1
Thoracolumbar L2-T10	0.2903	1.2617	0.9065	-3.3730	0.3784
6W. Thoracolumbar L2-T10	0.0028	1.2235	0.8062	-4.9780	0.0064
6M. Thoracolumbar L2-T10	0.0003	0.2348	0.9917	-6.1706	0.0004
1Y. Thoracolumbar L2-T10	0.0000	-0.2437	0.9917	-8.0058	0.0000
2Y. Thoracolumbar L2-T10	0.0011	0.7444	0.9288	-5.9437	0.0021
5Y. Thoracolumbar L2-T10	0.0134	1.4720	0.8865	-7.4924	0.0225

	diff_3.2	p.val_3.2
Thoracolumbar L2-T10	-4.6347	0.3429
6W. Thoracolumbar L2-T10	-6.2015	0.0115
6M. Thoracolumbar L2-T10	-6.4054	0.0078
1Y. Thoracolumbar L2-T10	-7.7621	0.0012
2Y. Thoracolumbar L2-T10	-6.6880	0.0079
5Y. Thoracolumbar L2-T10	-8.9645	0.0333

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

[1] "RSA"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	p.val_1.all
RSA	15.26	15.41	18.19	14.95	26.40	11.11	1.87	8.01	0.0311
6W. RSA	7.59	9.53	9.35	9.14	12.02	8.99	1.38	7.47	0.0530

6M. RSA	9.46	10.88	11.41	9.96	15.62	10.56	1.94	8.62	0.0524
1Y. RSA	9.81	11.07	11.27	10.82	16.16	9.23	2.34	8.57	0.1737
2Y. RSA	10.09	11.67	12.40	9.72	17.87	11.23	1.34	9.48	0.0356
5Y. RSA	13.54	12.84	16.07	12.10	20.03	10.37	3.70	10.41	0.1428
p.val_1.vs_the_rest p.val_2.all p.val_2.vs_the_rest p.val_3.all									
RSA		0.0001		0.0000			0e+00		0
6W. RSA		0.0005		0.0018			2e-04		0
6M. RSA		0.0007		0.0003			0e+00		0
1Y. RSA		0.0113		0.0000			0e+00		0
2Y. RSA		0.0010		0.0000			0e+00		0
5Y. RSA		0.0091		0.0056			1e-03		0
p.val_3.vs_the_rest p.val_all diff_2.1 p.val_2.1 diff_3.1 p.val_3.1									
RSA		0		0	8.2106		0.0000	-16.3185	0
6W. RSA		0		0	2.6694		0.1317	-7.9719	0
6M. RSA		0		0	4.2035		0.0202	-9.4684	0
1Y. RSA		0		0	4.8926		0.0072	-8.9313	0
2Y. RSA		0		0	5.4638		0.0025	-11.0656	0
5Y. RSA		0		0	3.9556		0.2551	-12.3709	0
diff_3.2 p.val_3.2									
RSA	-24.5291			0					
6W. RSA	-10.6413			0					
6M. RSA	-13.6719			0					
1Y. RSA	-13.8238			0					
2Y. RSA	-16.5294			0					
5Y. RSA	-16.3265			0					

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

[1] "RPV"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	p.val_1.all
RPV	-8.42	9.15	-10.11	8.94	-13.87	6.63	-1.67	6.86	0.0339
6W. RPV	-5.03	7.61	-6.15	7.18	-8.20	8.06	-0.94	6.56	0.0940
6M. RPV	-6.49	7.91	-7.98	7.33	-10.99	7.54	-1.09	6.24	0.0322
1Y. RPV	-6.39	7.94	-7.75	7.63	-10.10	6.42	-1.35	7.02	0.0600
2Y. RPV	-6.14	7.76	-7.64	7.08	-10.10	7.03	-1.07	6.79	0.0435
5Y. RPV	-8.42	8.24	-10.34	7.19	-12.01	7.16	-1.89	7.49	0.0688
p.val_1.vs_the_rest p.val_2.all p.val_2.vs_the_rest p.val_3.all									
RPV		0.0001		0.0000			0.0000		0
6W. RPV		0.0024		0.0086			0.0021		0
6M. RPV		0.0001		0.0001			0.0000		0
1Y. RPV		0.0006		0.0003			0.0000		0
2Y. RPV		0.0007		0.0004			0.0000		0
5Y. RPV		0.0021		0.0223			0.0064		0
p.val_3.vs_the_rest p.val_all diff_2.1 p.val_2.1 diff_3.1 p.val_3.1									
RPV		0		0	-3.7609		0.0037	8.4391	0

6W. RPV	0	0	-2.0573	0.1511	5.2020	0
6M. RPV	0	0	-3.0122	0.0182	6.8905	0
1Y. RPV	0	0	-2.3487	0.0960	6.4058	0
2Y. RPV	0	0	-2.4578	0.0704	6.5722	0
5Y. RPV	0	0	-1.6659	0.5500	8.4577	0

	diff_3.2	p.val_3.2
RPV	12.2000	0
6W. RPV	7.2593	0
6M. RPV	9.9026	0
1Y. RPV	8.7545	0
2Y. RPV	9.0300	0
5Y. RPV	10.1236	0

	t0	t1	1	2	3	All
1: Preop	2Y	0.0042	0.0037	0.5505	0.0006	
2: Preop	5Y	0.8161	0.2486	0.8743	0.9929	
3: Preop	6W	0.0000	0.0001	0.4539	0.0000	
4:	6W 2Y	0.0561	0.1961	0.9021	0.0718	
5:	6W 5Y	0.0000	0.0328	0.4970	0.0000	
6:	2Y 5Y	0.0071	0.2538	0.5624	0.0059	

Quality of Life

[1] "ODI - Score (%)"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
ODI - Score (%)	37.26	19.78	40.27	14.03	61.84	11.20	16.10	11.27
6M. ODI - Score (%)	28.30	17.97	28.22	15.98	45.19	18.30	17.78	13.04
1Y. ODI - Score (%)	25.72	18.07	26.46	16.30	44.66	15.57	12.83	10.94
2Y. ODI - Score (%)	27.53	21.27	28.07	19.36	50.35	19.33	12.76	11.29
5Y. ODI - Score (%)	28.33	21.38	29.38	20.03	49.02	19.14	12.18	10.78
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all					
ODI - Score (%)	0.0373		0.0022			0		
6M. ODI - Score (%)	0.9564		0.9258			0		
1Y. ODI - Score (%)	0.6324		0.4113			0		
2Y. ODI - Score (%)	0.7654		0.6072			0		
5Y. ODI - Score (%)	0.6203		0.3586			0		
	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest					
ODI - Score (%)		0	0			0		
6M. ODI - Score (%)		0	0			0		
1Y. ODI - Score (%)		0	0			0		
2Y. ODI - Score (%)		0	0			0		
5Y. ODI - Score (%)		0	0			0		
	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2		
ODI - Score (%)	0	21.5712	0	-24.1695	0	-45.7407		
6M. ODI - Score (%)	0	16.9749	0	-10.4403	0	-27.4152		
1Y. ODI - Score (%)	0	18.1979	0	-13.6348	0	-31.8328		
2Y. ODI - Score (%)	0	22.2768	0	-15.3162	0	-37.5930		
5Y. ODI - Score (%)	0	19.6424	0	-17.2022	0	-36.8447		
	p.val_3.2							

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

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

[1] "SRS22 - Function / Activity"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean
SRS22 - Function / Activity	3.09	0.87	2.94	0.55	2.11	0.52	4.01
6M. SRS22 - Function / Activity	3.26	0.82	3.19	0.66	2.59	0.73	3.81
1Y. SRS22 - Function / Activity	3.40	0.89	3.30	0.73	2.59	0.77	4.10
2Y. SRS22 - Function / Activity	3.48	0.93	3.33	0.75	2.63	0.85	4.27
5Y. SRS22 - Function / Activity	3.50	0.91	3.45	0.76	2.67	0.88	4.16
	3.sd	p.val_1.all	p.val_1.vs_the_rest				
SRS22 - Function / Activity	0.70	0.0114			0.0005		
6M. SRS22 - Function / Activity	0.79	0.2779			0.0868		
1Y. SRS22 - Function / Activity	0.73	0.1469			0.0198		
2Y. SRS22 - Function / Activity	0.66	0.0494			0.0018		
5Y. SRS22 - Function / Activity	0.78	0.5354			0.3013		
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.all				
SRS22 - Function / Activity	0		0			0	
6M. SRS22 - Function / Activity	0		0			0	
1Y. SRS22 - Function / Activity	0		0			0	
2Y. SRS22 - Function / Activity	0		0			0	
5Y. SRS22 - Function / Activity	0		0			0	
	p.val_3.vs_the_rest	p.val_all	diff_2.1				
SRS22 - Function / Activity		0	0		-0.8312		
6M. SRS22 - Function / Activity		0	0		-0.5936		
1Y. SRS22 - Function / Activity		0	0		-0.7106		
2Y. SRS22 - Function / Activity		0	0		-0.7038		
5Y. SRS22 - Function / Activity		0	0		-0.7768		
	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2		
SRS22 - Function / Activity	0	1.0758	0	1.9070	0		
6M. SRS22 - Function / Activity	0	0.6231	0	1.2167	0		
1Y. SRS22 - Function / Activity	0	0.7981	0	1.5088	0		
2Y. SRS22 - Function / Activity	0	0.9369	0	1.6407	0		
5Y. SRS22 - Function / Activity	0	0.7144	0	1.4912	0		

	t0	t1	1	2	3	All
1: Preop	2Y	0.0000	0.0001	0.0099	0.0000	
2: Preop	5Y	0.0000	0.0005	0.2157	0.0000	
3: Preop	6M	0.0001	0.0001	0.0640	0.0082	
4:	6M 2Y	0.0522	0.8295	0.0000	0.0013	

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5:    6M 5Y 0.0010 0.6438 0.0067 0.0009
6:    2Y 5Y 0.1493 0.7954 0.3911 0.7342

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[1] "SRS22 - Pain"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
SRS22 - Pain	2.62	0.97	2.48	0.70	1.52	0.47	3.60	0.78
6M. SRS22 - Pain	3.42	0.90	3.46	0.83	2.79	0.90	3.75	0.84
1Y. SRS22 - Pain	3.57	0.98	3.57	0.92	2.68	0.99	4.08	0.69
2Y. SRS22 - Pain	3.49	1.09	3.49	1.02	2.51	1.08	4.07	0.77
5Y. SRS22 - Pain	3.38	1.13	3.35	1.06	2.50	1.09	4.02	0.89

	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
SRS22 - Pain	0.0456	0.0032	0
6M. SRS22 - Pain	0.6566	0.4400	0
1Y. SRS22 - Pain	0.9634	0.9356	0
2Y. SRS22 - Pain	0.9829	0.9699	0
5Y. SRS22 - Pain	0.8042	0.6455	0

	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest	p.val_all
SRS22 - Pain	0	0.0000	0	0
6M. SRS22 - Pain	0	0.0013	0	0
1Y. SRS22 - Pain	0	0.0000	0	0
2Y. SRS22 - Pain	0	0.0000	0	0
5Y. SRS22 - Pain	0	0.0000	0	0

	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2
SRS22 - Pain	-0.9584	0	1.1176	0e+00	2.0760	0
6M. SRS22 - Pain	-0.6709	0	0.2888	2e-02	0.9597	0
1Y. SRS22 - Pain	-0.8886	0	0.5153	0e+00	1.4039	0
2Y. SRS22 - Pain	-0.9813	0	0.5754	0e+00	1.5566	0
5Y. SRS22 - Pain	-0.8547	0	0.6643	1e-04	1.5191	0

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

[1] "SRS22 - Self image / Appearance"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd
SRS22 - Self image / Appearance	2.42	0.76	2.45	0.67	1.65	0.50
6M. SRS22 - Self image / Appearance	3.48	0.83	3.48	0.78	2.93	0.92
1Y. SRS22 - Self image / Appearance	3.52	0.80	3.54	0.70	2.82	0.87
2Y. SRS22 - Self image / Appearance	3.43	0.93	3.42	0.83	2.60	0.93
5Y. SRS22 - Self image / Appearance	3.37	0.93	3.36	0.87	2.60	0.87

	3.mean	3.sd	p.val_1.all	p.val_1.vs_the_rest
SRS22 - Self image / Appearance	2.84	0.70	0.6715	0.4729
6M. SRS22 - Self image / Appearance	3.82	0.71	0.9756	0.9574
1Y. SRS22 - Self image / Appearance	3.91	0.67	0.8372	0.7309

2Y. SRS22 - Self image / Appearance	3.95	0.76	0.8732	0.7884
5Y. SRS22 - Self image / Appearance	3.90	0.74	0.8843	0.7879
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.all	
SRS22 - Self image / Appearance	0e+00	0	0e+00	
6M. SRS22 - Self image / Appearance	1e-04	0	1e-04	
1Y. SRS22 - Self image / Appearance	0e+00	0	0e+00	
2Y. SRS22 - Self image / Appearance	0e+00	0	0e+00	
5Y. SRS22 - Self image / Appearance	0e+00	0	0e+00	
	p.val_3.vs_the_rest	p.val_all	diff_2.1	
SRS22 - Self image / Appearance	0	0	-0.7962	
6M. SRS22 - Self image / Appearance	0	0	-0.5472	
1Y. SRS22 - Self image / Appearance	0	0	-0.7195	
2Y. SRS22 - Self image / Appearance	0	0	-0.8189	
5Y. SRS22 - Self image / Appearance	0	0	-0.7600	
	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
SRS22 - Self image / Appearance	0	0.3956	0.0000	1.1919
6M. SRS22 - Self image / Appearance	0	0.3456	0.0016	0.8928
1Y. SRS22 - Self image / Appearance	0	0.3788	0.0001	1.0983
2Y. SRS22 - Self image / Appearance	0	0.5309	0.0000	1.3499
5Y. SRS22 - Self image / Appearance	0	0.5450	0.0001	1.3050
	p.val_3.2			
SRS22 - Self image / Appearance	0			
6M. SRS22 - Self image / Appearance	0			
1Y. SRS22 - Self image / Appearance	0			
2Y. SRS22 - Self image / Appearance	0			
5Y. SRS22 - Self image / Appearance	0			

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0000	
2: Preop 5Y	0.0000	0.0000	0.0000	0.0000	0.0000	
3: Preop 6M	0.0000	0.0000	0.0000	0.0000	0.0000	
4: 6M 2Y	0.4723	0.0573	0.2392	0.4681		
5: 6M 5Y	0.1890	0.0722	0.5067	0.1429		
6: 2Y 5Y	0.5183	0.9936	0.7040	0.4427		

[1] "SRS22 - Mental health"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
SRS22 - Mental health	3.17	0.86	3.28	0.80	2.26	0.65	3.53	0.71
6M. SRS22 - Mental health	3.55	0.85	3.62	0.86	2.95	0.88	3.79	0.61
1Y. SRS22 - Mental health	3.61	0.83	3.68	0.78	2.93	0.96	3.87	0.61
2Y. SRS22 - Mental health	3.51	0.94	3.60	0.94	2.68	0.97	3.81	0.62
5Y. SRS22 - Mental health	3.55	0.89	3.64	0.83	2.66	0.85	3.91	0.67
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all					
SRS22 - Mental health	0.1557	0.0122	0					
6M. SRS22 - Mental health	0.4042	0.1156	0					
1Y. SRS22 - Mental health	0.3251	0.0802	0					
2Y. SRS22 - Mental health	0.2661	0.0394	0					
5Y. SRS22 - Mental health	0.2929	0.0521	0					
	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest					
SRS22 - Mental health	0	0.0001	0e+00					
6M. SRS22 - Mental health	0	0.0023	1e-04					

1Y. SRS22 - Mental health	0	0.0008	0e+00
2Y. SRS22 - Mental health	0	0.0002	0e+00
5Y. SRS22 - Mental health	0	0.0007	0e+00

	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1
SRS22 - Mental health	0	-1.0173	0	0.2502	0.0206
6M. SRS22 - Mental health	0	-0.6638	0	0.1744	0.2001
1Y. SRS22 - Mental health	0	-0.7517	0	0.1907	0.1236
2Y. SRS22 - Mental health	0	-0.9215	0	0.2096	0.1323
5Y. SRS22 - Mental health	0	-0.9893	0	0.2629	0.0744

	diff_3.2	p.val_3.2
SRS22 - Mental health	1.2675	0
6M. SRS22 - Mental health	0.8382	0
1Y. SRS22 - Mental health	0.9424	0
2Y. SRS22 - Mental health	1.1311	0
5Y. SRS22 - Mental health	1.2523	0

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

[1] "SRS22 - SRS Subtotal score"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean
SRS22 - SRS Subtotal score	2.83	0.70	2.79	0.46	1.90	0.36	3.49
6M. SRS22 - SRS Subtotal score	3.43	0.69	3.43	0.62	2.82	0.69	3.79
1Y. SRS22 - SRS Subtotal score	3.53	0.74	3.53	0.63	2.76	0.76	3.99
2Y. SRS22 - SRS Subtotal score	3.48	0.85	3.46	0.75	2.61	0.81	4.02
5Y. SRS22 - SRS Subtotal score	3.44	0.87	3.43	0.79	2.61	0.79	4.00

	3.sd	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all
SRS22 - SRS Subtotal score	0.56	0.4146		0.2554
6M. SRS22 - SRS Subtotal score	0.58	0.9195		0.8648
1Y. SRS22 - SRS Subtotal score	0.53	0.9588		0.9329
2Y. SRS22 - SRS Subtotal score	0.56	0.8231		0.7066
5Y. SRS22 - SRS Subtotal score	0.67	0.9124		0.8442

	p.val_2.vs_the_rest	p.val_3.all
SRS22 - SRS Subtotal score	0	0
6M. SRS22 - SRS Subtotal score	0	0
1Y. SRS22 - SRS Subtotal score	0	0
2Y. SRS22 - SRS Subtotal score	0	0
5Y. SRS22 - SRS Subtotal score	0	0

	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1
SRS22 - SRS Subtotal score	0	0	-0.8943	0
6M. SRS22 - SRS Subtotal score	0	0	-0.6147	0
1Y. SRS22 - SRS Subtotal score	0	0	-0.7608	0
2Y. SRS22 - SRS Subtotal score	0	0	-0.8533	0
5Y. SRS22 - SRS Subtotal score	0	0	-0.8214	0

	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2
SRS22 - SRS Subtotal score	0.7014	0	1.5956	0

6M. SRS22 - SRS Subtotal score	0.3579	0	0.9726	0
1Y. SRS22 - SRS Subtotal score	0.4645	0	1.2253	0
2Y. SRS22 - SRS Subtotal score	0.5636	0	1.4169	0
5Y. SRS22 - SRS Subtotal score	0.5678	0	1.3891	0

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

[1] "SRS22 - Satisfaction with management"

	All.mean	All.sd	1.mean	1.sd	2.mean
SRS22 - Satisfaction with management	3.09	1.08	3.15	0.96	2.27
6M. SRS22 - Satisfaction with management	4.24	0.86	4.23	0.86	3.88
1Y. SRS22 - Satisfaction with management	4.23	0.91	4.23	0.90	3.69
2Y. SRS22 - Satisfaction with management	4.14	1.00	4.08	0.99	3.68
5Y. SRS22 - Satisfaction with management	4.01	0.99	4.00	0.98	3.49
	2.sd	3.mean	3.sd	p.val_1.all	
SRS22 - Satisfaction with management	1.11	3.48	1.08	0.5939	
6M. SRS22 - Satisfaction with management	1.08	4.48	0.58	0.8708	
1Y. SRS22 - Satisfaction with management	1.17	4.53	0.60	0.9689	
2Y. SRS22 - Satisfaction with management	1.29	4.53	0.65	0.4814	
5Y. SRS22 - Satisfaction with management	1.18	4.38	0.72	0.8799	
	p.val_1.vs_the_rest		p.val_2.all		
SRS22 - Satisfaction with management		0.3365	0.0008		
6M. SRS22 - Satisfaction with management		0.7622	0.0220		
1Y. SRS22 - Satisfaction with management		0.9425	0.0022		
2Y. SRS22 - Satisfaction with management		0.1958	0.0135		
5Y. SRS22 - Satisfaction with management		0.7686	0.0116		
	p.val_2.vs_the_rest		p.val_3.all		
SRS22 - Satisfaction with management		0.0001	0.0437		
6M. SRS22 - Satisfaction with management		0.0062	0.0018		
1Y. SRS22 - Satisfaction with management		0.0003	0.0002		
2Y. SRS22 - Satisfaction with management		0.0034	0.0000		
5Y. SRS22 - Satisfaction with management		0.0032	0.0012		
	p.val_3.vs_the_rest		p.val_all	diff_2.1	
SRS22 - Satisfaction with management		0.0111	0e+00	-0.8867	
6M. SRS22 - Satisfaction with management		0.0001	2e-04	-0.3441	
1Y. SRS22 - Satisfaction with management		0.0000	0e+00	-0.5355	
2Y. SRS22 - Satisfaction with management		0.0000	0e+00	-0.3970	
5Y. SRS22 - Satisfaction with management		0.0001	0e+00	-0.5095	
	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	
SRS22 - Satisfaction with management	0.0002	0.3211	0.1970	1.2078	
6M. SRS22 - Satisfaction with management	0.0203	0.2557	0.0456	0.5998	
1Y. SRS22 - Satisfaction with management	0.0003	0.3027	0.0193	0.8382	
2Y. SRS22 - Satisfaction with management	0.0214	0.4524	0.0007	0.8494	
5Y. SRS22 - Satisfaction with management	0.0093	0.3824	0.0233	0.8919	
	p.val_3.2				

SRS22 - Satisfaction with management	0e+00
6M. SRS22 - Satisfaction with management	1e-04
1Y. SRS22 - Satisfaction with management	0e+00
2Y. SRS22 - Satisfaction with management	0e+00
5Y. SRS22 - Satisfaction with management	0e+00

	t0	t1	1	2	3	All
1: Preop 2Y	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2: Preop 5Y	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
3: Preop 6M	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4: 6M 2Y	0.1249	0.3727	0.5966	0.1775		
5: 6M 5Y	0.0242	0.1002	0.3406	0.0037		
6: 2Y 5Y	0.4490	0.4506	0.1787	0.1155		

[1] "SF36 - PCS"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd	p.val_1.all
SF36 - PCS	36.45	9.47	34.10	7.32	29.12	6.40	46.26	7.68	0.0012
6M. SF36 - PCS	40.54	9.17	39.81	8.43	34.18	7.72	46.19	8.36	0.3645
1Y. SF36 - PCS	41.94	10.01	41.20	9.06	33.24	8.43	48.71	7.93	0.3952
2Y. SF36 - PCS	42.06	10.41	41.20	9.22	33.37	9.69	49.09	8.30	0.3336
5Y. SF36 - PCS	41.64	11.22	40.49	10.42	33.58	9.64	49.54	9.19	0.3063
	p.val_1.vs_the_rest	p.val_2.all	p.val_2.vs_the_rest	p.val_3.all					
SF36 - PCS	0.0000	0	0	0					
6M. SF36 - PCS	0.1115	0	0	0					
1Y. SF36 - PCS	0.1423	0	0	0					
2Y. SF36 - PCS	0.1021	0	0	0					
5Y. SF36 - PCS	0.0592	0	0	0					
	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1	diff_3.1				
SF36 - PCS	0	0	-4.9799	0e+00	12.1613				
6M. SF36 - PCS	0	0	-5.6368	0e+00	6.3749				
1Y. SF36 - PCS	0	0	-7.9603	0e+00	7.5064				
2Y. SF36 - PCS	0	0	-7.8310	0e+00	7.8900				
5Y. SF36 - PCS	0	0	-6.9086	5e-04	9.0538				
	p.val_3.1	diff_3.2	p.val_3.2						
SF36 - PCS	0	17.1412	0						
6M. SF36 - PCS	0	12.0117	0						
1Y. SF36 - PCS	0	15.4667	0						
2Y. SF36 - PCS	0	15.7209	0						
5Y. SF36 - PCS	0	15.9624	0						

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

[1] "SF36 - MCS"

	All.mean	All.sd	1.mean	1.sd	2.mean	2.sd	3.mean	3.sd
SF36 - MCS	42.99	11.84	44.89	11.70	33.08	10.00	44.99	10.04
6M. SF36 - MCS	47.14	11.82	48.09	12.37	41.17	11.84	49.01	9.28
1Y. SF36 - MCS	47.55	11.57	48.75	11.33	40.03	13.37	49.67	8.86
2Y. SF36 - MCS	46.96	12.12	47.64	12.26	38.38	13.01	50.88	8.17
5Y. SF36 - MCS	47.66	11.33	48.74	10.89	38.90	12.41	50.64	8.89
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all	p.val_2.vs_the_rest				
SF36 - MCS	0.0686		0.0004	0e+00			0e+00	
6M. SF36 - MCS	0.3957		0.0936	7e-04			1e-04	
1Y. SF36 - MCS	0.2487		0.0328	2e-04			0e+00	
2Y. SF36 - MCS	0.5392		0.2452	0e+00			0e+00	
5Y. SF36 - MCS	0.3482		0.0729	1e-04			0e+00	
	p.val_3.all	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1			
SF36 - MCS	0.1052		0.0392	0e+00	-11.8095		0e+00	
6M. SF36 - MCS	0.1172		0.0480	1e-04	-6.9209		3e-04	
1Y. SF36 - MCS	0.0592		0.0169	0e+00	-8.7151		0e+00	
2Y. SF36 - MCS	0.0003		0.0000	0e+00	-9.2606		0e+00	
5Y. SF36 - MCS	0.0290		0.0066	0e+00	-9.8319		0e+00	
	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2				
SF36 - MCS	0.1046	0.9969	11.9142	0e+00				
6M. SF36 - MCS	0.9147	0.8131	7.8356	2e-04				
1Y. SF36 - MCS	0.9218	0.7911	9.6369	0e+00				
2Y. SF36 - MCS	3.2372	0.0687	12.4979	0e+00				
5Y. SF36 - MCS	1.9002	0.4735	11.7322	0e+00				

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

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 (%)	-9.61	17.12		-0.56	-12.31	16.04	-0.77
1Y. ODI - Score (%)	-12.09	15.37		-0.79	-14.21	15.28	-0.93
2Y. ODI - Score (%)	-9.90	16.72		-0.59	-12.49	18.00	-0.69
5Y. ODI - Score (%)	-9.47	17.74		-0.53	-10.74	19.07	-0.56
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size	
6M. ODI - Score (%)	-16.40	18.96	-0.87	0.79	13.58		0.06
1Y. ODI - Score (%)	-18.86	14.93	-1.26	-3.56	12.03		-0.30
2Y. ODI - Score (%)	-10.90	17.19	-0.63	-3.78	11.35		-0.33
5Y. ODI - Score (%)	-12.41	17.71	-0.70	-4.25	12.67		-0.34
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all				
6M. ODI - Score (%)	0.0762		0.0011	0.0180			

1Y. ODI - Score (%)	0.1363		0.0041	0.0038		
2Y. ODI - Score (%)	0.1099		0.0008	0.6946		
5Y. ODI - Score (%)	0.5169		0.1488	0.3538		
	p.val_2.vs_the_rest		p.val_3.all	p.val_3.vs_the_rest		
6M. ODI - Score (%)	0.0053		0.0000	0.0000		
1Y. ODI - Score (%)	0.0008		0.0000	0.0000		
2Y. ODI - Score (%)	0.6440		0.0001	0.0000		
5Y. ODI - Score (%)	0.2786		0.0120	0.0022		
	p.val_all	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
6M. ODI - Score (%)	0.0000	-4.0903	0.2339	13.1062	0.0000	17.1965
1Y. ODI - Score (%)	0.0000	-4.6562	0.1044	10.6484	0.0000	15.3046
2Y. ODI - Score (%)	0.0003	1.5826	0.8110	8.7049	0.0002	7.1222
5Y. ODI - Score (%)	0.0360	-1.6606	0.8649	6.4948	0.0510	8.1554
	p.val_3.2					
6M. ODI - Score (%)	0.0000					
1Y. ODI - Score (%)	0.0000					
2Y. ODI - Score (%)	0.0357					
5Y. ODI - Score (%)	0.0747					

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[1] "SRS22 - Function / Activity"
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			All.mean	All.sd	All.effect_size	1.mean	1.sd
6M.	SRS22	- Function / Activity	0.17	0.75		0.22	0.26 0.71
1Y.	SRS22	- Function / Activity	0.32	0.69		0.46	0.40 0.69
2Y.	SRS22	- Function / Activity	0.37	0.71		0.52	0.38 0.76
5Y.	SRS22	- Function / Activity	0.42	0.78		0.54	0.50 0.80
			1.effect_size	2.mean	2.sd	2.effect_size	3.mean
6M.	SRS22	- Function / Activity		0.36	0.46 0.69		0.66 -0.21
1Y.	SRS22	- Function / Activity		0.58	0.45 0.65		0.70 0.07
2Y.	SRS22	- Function / Activity		0.50	0.49 0.63		0.78 0.27
5Y.	SRS22	- Function / Activity		0.63	0.49 0.91		0.54 0.18
			3.sd	3.effect_size	p.val_1.all		
6M.	SRS22	- Function / Activity	0.73		-0.28	0.1778	
1Y.	SRS22	- Function / Activity	0.67		0.10	0.2004	
2Y.	SRS22	- Function / Activity	0.63		0.42	0.8728	
5Y.	SRS22	- Function / Activity	0.60		0.30	0.3329	
			p.val_1.vs_the_rest	p.val_2.all			
6M.	SRS22	- Function / Activity		0.0146		0.0057	
1Y.	SRS22	- Function / Activity		0.0152		0.1646	
2Y.	SRS22	- Function / Activity		0.7489		0.1883	
5Y.	SRS22	- Function / Activity		0.0451		0.6806	
			p.val_2.vs_the_rest	p.val_3.all			
6M.	SRS22	- Function / Activity		0.0012		0.0000	
1Y.	SRS22	- Function / Activity		0.1028		0.0023	
2Y.	SRS22	- Function / Activity		0.1222		0.2083	
5Y.	SRS22	- Function / Activity		0.6278		0.0098	
			p.val_3.vs_the_rest	p.val_all		diff_2.1	
6M.	SRS22	- Function / Activity		0.0000	0.0000	0.1987	
1Y.	SRS22	- Function / Activity		0.0001	0.0003	0.0537	
2Y.	SRS22	- Function / Activity		0.1015	0.1776	0.1127	
5Y.	SRS22	- Function / Activity		0.0014	0.0228	-0.0157	
			p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2

6M. SRS22 - Function / Activity	0.1671	-0.4632	0.0000	-0.6619	0.0000
1Y. SRS22 - Function / Activity	0.8681	-0.3345	0.0005	-0.3882	0.0032
2Y. SRS22 - Function / Activity	0.5514	-0.1086	0.4548	-0.2213	0.1591
5Y. SRS22 - Function / Activity	0.9931	-0.3251	0.0194	-0.3094	0.1353

[1] "SRS22 - Pain"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size
6M. SRS22 - Pain	0.82	0.95	0.86	1.00	0.89	1.12
1Y. SRS22 - Pain	0.94	0.93	1.01	1.09	0.91	1.20
2Y. SRS22 - Pain	0.88	0.99	0.88	1.03	1.01	1.02
5Y. SRS22 - Pain	0.78	1.06	0.74	0.88	1.08	0.81
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size
6M. SRS22 - Pain	1.24	0.85	1.46	0.18	0.84	0.21
1Y. SRS22 - Pain	1.13	0.85	1.33	0.51	0.89	0.58
2Y. SRS22 - Pain	0.98	0.93	1.05	0.50	0.88	0.56
5Y. SRS22 - Pain	0.93	1.10	0.85	0.45	0.94	0.48
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all			
6M. SRS22 - Pain	0.0340		0.0001	0.0013		
1Y. SRS22 - Pain	0.0776		0.0009	0.1405		
2Y. SRS22 - Pain	0.0910		0.0010	0.4669		
5Y. SRS22 - Pain	0.4086		0.0888	0.4568		
	p.val_2.vs_the_rest	p.val_3.all	p.val_3.vs_the_rest	p.val_all		
6M. SRS22 - Pain	0.0002	0.0000		0.000	0.0000	
1Y. SRS22 - Pain	0.0841	0.0001		0.000	0.0000	
2Y. SRS22 - Pain	0.3908	0.0005		0.000	0.0001	
5Y. SRS22 - Pain	0.3833	0.0218		0.004	0.0246	
	diff_2.1	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2
6M. SRS22 - Pain	0.2405	0.1704	-0.8202	0.0000	-1.0607	0.0000
1Y. SRS22 - Pain	0.0392	0.9574	-0.5745	0.0000	-0.6137	0.0003
2Y. SRS22 - Pain	-0.0569	0.9221	-0.5371	0.0001	-0.4803	0.0107
5Y. SRS22 - Pain	0.0500	0.9629	-0.4212	0.0276	-0.4712	0.0820

[1] "SRS22 - Self image / Appearance"

	All.mean	All.sd	All.effect_size	1.mean	1.sd
6M. SRS22 - Self image / Appearance	1.08	0.97		1.11	1.05 0.99
1Y. SRS22 - Self image / Appearance	1.13	0.88		1.28	1.15 0.88
2Y. SRS22 - Self image / Appearance	1.03	0.97		1.06	1.00 1.01
5Y. SRS22 - Self image / Appearance	0.97	0.91		1.07	0.97 0.96
	1.effect_size	2.mean	2.sd	2.effect_size	
6M. SRS22 - Self image / Appearance	1.07	1.26	1.00	1.25	
1Y. SRS22 - Self image / Appearance	1.30	1.17	0.84	1.40	
2Y. SRS22 - Self image / Appearance	0.99	0.94	0.93	1.01	
5Y. SRS22 - Self image / Appearance	1.01	0.90	0.89	1.01	
	3.mean	3.sd	3.effect_size	p.val_1.all	
6M. SRS22 - Self image / Appearance	1.01	0.91	1.12	0.7878	
1Y. SRS22 - Self image / Appearance	1.07	0.92	1.16	0.8420	
2Y. SRS22 - Self image / Appearance	1.13	0.91	1.24	0.7930	
5Y. SRS22 - Self image / Appearance	1.03	0.81	1.28	0.9786	

	p.val_1.vs_the_rest	p.val_2.all		
6M. SRS22 - Self image / Appearance	0.6064	0.2120		
1Y. SRS22 - Self image / Appearance	0.7077	0.7234		
2Y. SRS22 - Self image / Appearance	0.6096	0.5218		
5Y. SRS22 - Self image / Appearance	0.9543	0.6332		
	p.val_2.vs_the_rest	p.val_3.all		
6M. SRS22 - Self image / Appearance	0.1382	0.5601		
1Y. SRS22 - Self image / Appearance	0.6772	0.5834		
2Y. SRS22 - Self image / Appearance	0.4494	0.3527		
5Y. SRS22 - Self image / Appearance	0.5770	0.6453		
	p.val_3.vs_the_rest	p.val_all	diff_2.1	
6M. SRS22 - Self image / Appearance	0.4479	0.2905	0.2079	
1Y. SRS22 - Self image / Appearance	0.4654	0.7388	0.0282	
2Y. SRS22 - Self image / Appearance	0.2229	0.4581	-0.0636	
5Y. SRS22 - Self image / Appearance	0.5635	0.7903	-0.0724	
	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2
6M. SRS22 - Self image / Appearance	0.3444	-0.0404	0.9450	-0.2483
1Y. SRS22 - Self image / Appearance	0.9773	-0.0767	0.7824	-0.1049
2Y. SRS22 - Self image / Appearance	0.9054	0.1270	0.5687	0.1905
5Y. SRS22 - Self image / Appearance	0.9015	0.0585	0.9109	0.1310
	p.val_3.2			
6M. SRS22 - Self image / Appearance	0.2975			
1Y. SRS22 - Self image / Appearance	0.7742			
2Y. SRS22 - Self image / Appearance	0.4876			
5Y. SRS22 - Self image / Appearance	0.7730			

[1] "SRS22 - Mental health"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	
6M. SRS22 - Mental health	0.37	0.81	0.45	0.35	0.84	
1Y. SRS22 - Mental health	0.43	0.78	0.55	0.44	0.77	
2Y. SRS22 - Mental health	0.34	0.82	0.42	0.34	0.81	
5Y. SRS22 - Mental health	0.34	0.79	0.43	0.36	0.86	
	1.effect_size	2.mean	2.sd	2.effect_size	3.mean	3.sd
6M. SRS22 - Mental health	0.41	0.65	0.84	0.78	0.24	0.69
1Y. SRS22 - Mental health	0.57	0.63	0.92	0.68	0.30	0.70
2Y. SRS22 - Mental health	0.42	0.45	0.89	0.50	0.28	0.78
5Y. SRS22 - Mental health	0.42	0.27	0.80	0.33	0.33	0.60
	3.effect_size	p.val_1.all	p.val_1.vs_the_rest			
6M. SRS22 - Mental health	0.34	0.7751	0.5776			
1Y. SRS22 - Mental health	0.42	0.9172	0.8471			
2Y. SRS22 - Mental health	0.36	0.9827	0.9677			
5Y. SRS22 - Mental health	0.55	0.8127	0.5992			
	p.val_2.all	p.val_2.vs_the_rest	p.val_3.all			
6M. SRS22 - Mental health	0.0230	0.0071	0.1293			
1Y. SRS22 - Mental health	0.1486	0.0865	0.1275			
2Y. SRS22 - Mental health	0.4149	0.3324	0.5182			
5Y. SRS22 - Mental health	0.6217	0.5633	0.9419			
	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1		
6M. SRS22 - Mental health	0.0517	0.0103	0.3039	0.0382		
1Y. SRS22 - Mental health	0.0476	0.0532	0.1874	0.2709		
2Y. SRS22 - Mental health	0.3953	0.4952	0.1068	0.6729		

5Y. SRS22 - Mental health		0.9288	0.8214	-0.0901	0.8076
	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2	
6M. SRS22 - Mental health	-0.1102	0.5441	-0.4140	0.0083	
1Y. SRS22 - Mental health	-0.1402	0.3473	-0.3276	0.0418	
2Y. SRS22 - Mental health	-0.0593	0.8398	-0.1662	0.4623	
5Y. SRS22 - Mental health	-0.0275	0.9730	0.0626	0.9244	

[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		0.94	0.66 0.63
1Y. SRS22 - SRS Subtotal score	0.70	0.62		1.14	0.77 0.60
2Y. SRS22 - SRS Subtotal score	0.65	0.68		0.96	0.68 0.73
5Y. SRS22 - SRS Subtotal score	0.61	0.73		0.83	0.64 0.79
	1.effect_size	2.mean	2.sd	2.effect_size	3.mean
6M. SRS22 - SRS Subtotal score		1.05	0.89 0.62		1.44 0.31
1Y. SRS22 - SRS Subtotal score		1.28	0.84 0.60		1.40 0.49
2Y. SRS22 - SRS Subtotal score		0.94	0.70 0.62		1.13 0.54
5Y. SRS22 - SRS Subtotal score		0.81	0.64 0.69		0.92 0.50
	3.sd	3.effect_size	p.val_1.all		
6M. SRS22 - SRS Subtotal score	0.57		0.54		0.3536
1Y. SRS22 - SRS Subtotal score	0.62		0.79		0.2592
2Y. SRS22 - SRS Subtotal score	0.60		0.91		0.6042
5Y. SRS22 - SRS Subtotal score	0.58		0.86		0.6652
	p.val_1.vs_the_rest	p.val_2.all			
6M. SRS22 - SRS Subtotal score		0.0856		0.0021	
1Y. SRS22 - SRS Subtotal score		0.0369		0.1192	
2Y. SRS22 - SRS Subtotal score		0.2992		0.5428	
5Y. SRS22 - SRS Subtotal score		0.3352		0.8013	
	p.val_2.vs_the_rest	p.val_3.all			
6M. SRS22 - SRS Subtotal score		0.0003		0.0000	
1Y. SRS22 - SRS Subtotal score		0.0668		0.0040	
2Y. SRS22 - SRS Subtotal score		0.4734		0.1615	
5Y. SRS22 - SRS Subtotal score		0.7691		0.2268	
	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1	
6M. SRS22 - SRS Subtotal score		0.0000	0.0000	0.2348	0.0340
1Y. SRS22 - SRS Subtotal score		0.0001	0.0004	0.0779	0.6874
2Y. SRS22 - SRS Subtotal score		0.0691	0.2318	0.0221	0.9753
5Y. SRS22 - SRS Subtotal score		0.1352	0.4324	-0.0038	0.9995
	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2	
6M. SRS22 - SRS Subtotal score	-0.3503	0.0000	-0.5851	0.0000	
1Y. SRS22 - SRS Subtotal score	-0.2801	0.0012	-0.3581	0.0021	
2Y. SRS22 - SRS Subtotal score	-0.1371	0.2577	-0.1592	0.3543	
5Y. SRS22 - SRS Subtotal score	-0.1435	0.4159	-0.1396	0.6316	

[1] "SRS22 - Satisfaction with management"

	All.mean	All.sd	All.effect_size	1.mean
6M. SRS22 - Satisfaction with management	1.15	1.35		0.86 1.08
1Y. SRS22 - Satisfaction with management	1.17	1.26		0.93 1.11

2Y. SRS22 - Satisfaction with management	0.95	1.33		0.71	0.77
5Y. SRS22 - Satisfaction with management	0.82	1.23		0.66	0.86
	1.sd	1.effect_size	2.mean	2.sd	
6M. SRS22 - Satisfaction with management	1.30	0.83	1.54	1.50	
1Y. SRS22 - Satisfaction with management	1.25	0.89	1.44	1.42	
2Y. SRS22 - Satisfaction with management	1.31	0.59	1.32	1.59	
5Y. SRS22 - Satisfaction with management	1.28	0.68	1.00	1.19	
	2.effect_size	3.mean	3.sd		
6M. SRS22 - Satisfaction with management	1.02	1.08	1.35		
1Y. SRS22 - Satisfaction with management	1.01	1.14	1.20		
2Y. SRS22 - Satisfaction with management	0.83	1.19	1.15		
5Y. SRS22 - Satisfaction with management	0.84	0.54	1.08		
	3.effect_size	p.val_1.all			
6M. SRS22 - Satisfaction with management	0.80	0.6536			
1Y. SRS22 - Satisfaction with management	0.95	0.7322			
2Y. SRS22 - Satisfaction with management	1.04	0.2919			
5Y. SRS22 - Satisfaction with management	0.50	0.7889			
	p.val_1.vs_the_rest	p.val_2.all			
6M. SRS22 - Satisfaction with management	0.3823	0.2253			
1Y. SRS22 - Satisfaction with management	0.4958	0.3892			
2Y. SRS22 - Satisfaction with management	0.0300	0.3043			
5Y. SRS22 - Satisfaction with management	0.5044	0.5953			
	p.val_2.vs_the_rest	p.val_3.all			
6M. SRS22 - Satisfaction with management	0.1531	0.7760			
1Y. SRS22 - Satisfaction with management	0.3150	0.8984			
2Y. SRS22 - Satisfaction with management	0.2371	0.2516			
5Y. SRS22 - Satisfaction with management	0.5521	0.2729			
	p.val_3.vs_the_rest	p.val_all	diff_2.1		
6M. SRS22 - Satisfaction with management	0.7197	0.2790	0.4627		
1Y. SRS22 - Satisfaction with management	0.8708	0.5269	0.3241		
2Y. SRS22 - Satisfaction with management	0.1498	0.0887	0.5482		
5Y. SRS22 - Satisfaction with management	0.1869	0.4450	0.1353		
	p.val_2.1	diff_3.1	p.val_3.1	diff_3.2	
6M. SRS22 - Satisfaction with management	0.2647	0.0053	0.9998	-0.4574	
1Y. SRS22 - Satisfaction with management	0.5011	0.0276	0.9927	-0.2965	
2Y. SRS22 - Satisfaction with management	0.1831	0.4223	0.2081	-0.1259	
5Y. SRS22 - Satisfaction with management	0.9235	-0.3230	0.4959	-0.4583	
	p.val_3.2				
6M. SRS22 - Satisfaction with management	0.3804				
1Y. SRS22 - Satisfaction with management	0.6392				
2Y. SRS22 - Satisfaction with management	0.9315				
5Y. SRS22 - Satisfaction with management	0.5131				

[1] "SF36 - PCS"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size	
6M. SF36 - PCS	4.46	8.88	0.50	6.02	9.48	0.63	
1Y. SF36 - PCS	5.78	8.87	0.65	7.44	9.28	0.80	
2Y. SF36 - PCS	5.59	9.36	0.60	7.26	9.12	0.80	
5Y. SF36 - PCS	5.31	10.16	0.52	6.56	10.86	0.60	
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size	p.val_1.all
6M. SF36 - PCS	5.06	7.26	0.70	0.38	7.04	0.05	0.0705

1Y. SF36 - PCS	4.58	7.68	0.60	2.78	7.70	0.36	0.0520
2Y. SF36 - PCS	3.86	10.34	0.37	2.90	8.49	0.34	0.0499
5Y. SF36 - PCS	3.78	7.81	0.48	2.96	9.11	0.32	0.2668
	p.val_1.vs_the_rest		p.val_2.all		p.val_2.vs_the_rest		p.val_3.all
6M. SF36 - PCS		0.0001	0.5949		0.5351		0.0000
1Y. SF36 - PCS		0.0000	0.3163		0.2437		0.0029
2Y. SF36 - PCS		0.0002	0.2586		0.1796		0.0143
5Y. SF36 - PCS		0.0114	0.2988		0.2319		0.1005
	p.val_3.vs_the_rest		p.val_all		diff_2.1		p.val_2.1
6M. SF36 - PCS		0.0000	0.0000		-0.9594		0.7569
1Y. SF36 - PCS		0.0001	0.0002		-2.8567		0.0979
2Y. SF36 - PCS		0.0017	0.0007		-3.4034		0.0471
5Y. SF36 - PCS		0.0410	0.0531		-2.7838		0.3007
	p.val_3.1		diff_3.2		p.val_3.2		
6M. SF36 - PCS		0.0000	-4.6797		0.0071		
1Y. SF36 - PCS		0.0002	-1.8001		0.4803		
2Y. SF36 - PCS		0.0012	-0.9558		0.8259		
5Y. SF36 - PCS		0.0688	-0.8196		0.9247		

[1] "SF36 - MCS"

	All.mean	All.sd	All.effect_size	1.mean	1.sd	1.effect_size
6M. SF36 - MCS	4.09	11.62	0.35	3.28	12.39	0.26
1Y. SF36 - MCS	4.50	11.21	0.40	4.23	11.18	0.38
2Y. SF36 - MCS	3.87	11.94	0.32	2.65	12.16	0.22
5Y. SF36 - MCS	3.95	12.36	0.32	2.84	12.47	0.23
	2.mean	2.sd	2.effect_size	3.mean	3.sd	3.effect_size
6M. SF36 - MCS	7.32	10.87	0.67	3.85	9.87	0.39
1Y. SF36 - MCS	5.57	14.16	0.39	4.44	9.13	0.49
2Y. SF36 - MCS	5.35	12.08	0.44	5.69	11.12	0.51
5Y. SF36 - MCS	4.99	12.40	0.40	6.27	11.84	0.53
	p.val_1.all	p.val_1.vs_the_rest	p.val_2.all	p.val_2.vs_the_rest		
6M. SF36 - MCS	0.4724	0.1308	0.0536	0.0234		
1Y. SF36 - MCS	0.7971	0.6174	0.6116	0.5473		
2Y. SF36 - MCS	0.2749	0.0306	0.4123	0.3320		
5Y. SF36 - MCS	0.4006	0.0782	0.6416	0.5868		
	p.val_3.all	p.val_3.vs_the_rest	p.val_all	diff_2.1	p.val_2.1	
6M. SF36 - MCS	0.8523	0.8146	0.0848	4.0338	0.0694	
1Y. SF36 - MCS	0.9635	0.9540	0.7555	1.3393	0.7354	
2Y. SF36 - MCS	0.1993	0.0993	0.0996	2.6987	0.3137	
5Y. SF36 - MCS	0.2054	0.1128	0.1943	2.1454	0.6187	
	diff_3.1	p.val_3.1	diff_3.2	p.val_3.2		
6M. SF36 - MCS	0.5672	0.9300	-3.4666	0.2169		
1Y. SF36 - MCS	0.2124	0.9890	-1.1268	0.8426		
2Y. SF36 - MCS	3.0368	0.1360	0.3382	0.9858		
5Y. SF36 - MCS	3.4240	0.1958	1.2786	0.8806		

Surgery

	All.mean	All.sd	1.mean	1.sd
Total Operative Blood Loss st1+st2+st3	1447.62	1262.72	1425.86	1325.97

Total surgical time st1+st2+st3	308.97	165.59	284.08	151.61
Number of Posterior Instrumented Levels	9.06	4.58	8.36	4.68
Number of Interbody Fusions	0.80	1.16	1.05	1.18
	2.mean	2.sd	3.mean	3.sd
Total Operative Blood Loss st1+st2+st3	1875.30	1275.17	1152.39	966.75
Total surgical time st1+st2+st3	336.46	169.16	341.14	182.32
Number of Posterior Instrumented Levels	9.26	4.48	10.24	4.23
Number of Interbody Fusions	0.98	1.08	0.18	0.94
	p.val_1.all	p.val_1.vs_the_rest		
Total Operative Blood Loss st1+st2+st3	0.8534			0.0729
Total surgical time st1+st2+st3	0.0691			0.0729
Number of Posterior Instrumented Levels	0.0935			0.0729
Number of Interbody Fusions	0.0136			0.0729
	p.val_2.all	p.val_2.vs_the_rest		
Total Operative Blood Loss st1+st2+st3	0.0181			0
Total surgical time st1+st2+st3	0.2351			0
Number of Posterior Instrumented Levels	0.7521			0
Number of Interbody Fusions	0.2106			0
	p.val_3.all	p.val_3.vs_the_rest		
Total Operative Blood Loss st1+st2+st3	0.0271			0.0066
Total surgical time st1+st2+st3	0.1069			0.0066
Number of Posterior Instrumented Levels	0.0157			0.0066
Number of Interbody Fusions	0.0000			0.0066
	p.val_all	diff_2.1	p.val_2.1	diff_3.1
Total Operative Blood Loss st1+st2+st3	0.0037	449.4335	0.0381	-273.4696
Total surgical time st1+st2+st3	0.0056	52.3770	0.0692	57.0609
Number of Posterior Instrumented Levels	0.0032	0.8991	0.3670	1.8796
Number of Interbody Fusions	0.0000	-0.0647	0.9126	-0.8661
	p.val_3.1	diff_3.2	p.val_3.2	
Total Operative Blood Loss st1+st2+st3	0.2434	-722.9032	0.0025	
Total surgical time st1+st2+st3	0.0113	4.6839	0.9825	
Number of Posterior Instrumented Levels	0.0022	0.9804	0.3720	
Number of Interbody Fusions	0.0000	-0.8014	0.0000	

\$\$Pelvic fixation'

\$\$Pelvic fixation'\$All

\$\$Pelvic fixation'\$All\$table

variable

NA No Yes

24 214 134

\$\$Pelvic fixation'\$All\$proportion

variable

NA No Yes

0.06451613 0.57526882 0.36021505

\$\$Pelvic fixation'\$1'

\$\$Pelvic fixation'\$1'\$table

variable

NA No Yes

13 102 90

\$\$Pelvic fixation'\$1'\$proportion


```
variable
      NA      No      Yes
0.06341463 0.49756098 0.43902439
```

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

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

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

```
$$Pelvic fixation$$3$proportion
variable
      NA      No      Yes
0.07692308 0.86538462 0.05769231
```

```
$$Surgical Approach$
$$Surgical Approach$All
$$Surgical Approach$All$table
variable
      Anterior      Anterior-Posterior
           1              4
      Posterior      Posterior-Anterior
      352              11
Posterior-Posterior Posterior-Posterior-Anterior
           3              1
```

```
$$Surgical Approach$All$proportion
variable
      Anterior      Anterior-Posterior
0.002688172      0.010752688
      Posterior      Posterior-Anterior
0.946236559      0.029569892
Posterior-Posterior Posterior-Posterior-Anterior
0.008064516      0.002688172
```

```
$$Surgical Approach$$1$
$$Surgical Approach$$1$table
variable
```

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

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

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

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

Posterior	Posterior-Anterior
56	7

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

Posterior	Posterior-Anterior
0.8888889	0.1111111

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

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

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

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

\$Decompression
\$Decompression\$All
\$Decompression\$All\$table
variable

No	Yes
274	98

\$Decompression\$All\$proportion
variable

No	Yes
0.7365591	0.2634409

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

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

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

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

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

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

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

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

\$'Interbody Fusion'\$'1'
\$'Interbody Fusion'\$'1'\$table
variable

No Yes
90 115

\$'Interbody Fusion'\$'1'\$proportion
variable

No Yes
0.4390244 0.5609756

\$'Interbody Fusion'\$'2'
\$'Interbody Fusion'\$'2'\$table
variable

No Yes
28 35

\$'Interbody Fusion'\$'2'\$proportion
variable

No Yes
0.4444444 0.5555556

\$'Interbody Fusion'\$'3'
\$'Interbody Fusion'\$'3'\$table
variable

No Yes
98 6

\$'Interbody Fusion'\$'3'\$proportion
variable

No Yes
0.94230769 0.05769231

\$Osteotomy
\$Osteotomy\$All
\$Osteotomy\$All\$table
variable

No Yes
201 171

\$Osteotomy\$All\$proportion
variable

No Yes
0.5403226 0.4596774

\$Osteotomy'\$'1'
\$Osteotomy'\$'1'\$table
variable

No Yes
107 98

\$Osteotomy'\$'1'\$proportion

```

variable
      No      Yes
0.5219512 0.4780488

```

```

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

```

```

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

```

```

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

```

```

$Osteotomy$'3'$proportion
variable
      No      Yes
0.6730769 0.3269231

```

```

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

```

```

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

```

```

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

```

```

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

```

```

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

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

```

```

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

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

```

Reinterventions

```

      group reiqs patients total
1:      1    117      61    205
2:      2     67      29     63
3:      3     19      13    104
4:    all    203     103    372

      p_val_all_1 p_val_all_2 p_val_all_3 p_val_1_2 p_val_1_3 p_val_2_3
1:      0.6667      0.0054      0.0022      0.0251      0.0013      0

```

Impacts

```

      Complication Impact all_num all_patients 1_num 1_patients 2_num 2_patients
1:              0      1      1      0      0      1      1
2:      Adverse Event      3      3      1      1      0      0
3:  Major Complication     230     111    138      66     71     30
4:  Minor Complication     208     142    135      87     46     33

      3_num 3_patients all  1  2  3 p_val_all_1 p_val_all_2 p_val_all_3
1:      0      0 372 205 63 104      1.0000      0.6719      1.0000
2:      2      2 372 205 63 104      1.0000      1.0000      0.6575
3:     21     15 372 205 63 104      0.6219      0.0082      0.0025
4:     27     22 372 205 63 104      0.3608      0.0468      0.0019

      p_val_1_2 p_val_1_3 p_val_2_3
1:      0.5314      NaN      0.7995
2:      1.0000      0.5472      0.7088
3:      0.0373      0.0013      0.0000

```

4: 0.2138 0.0004 0.0001

Categories

	Category of the complication	all_num	all_patients	1_num	1_patients
1:	Central neurologic complications	1	1	1	1
2:	Iatrogenic	19	19	13	13
3:	Infectious complications	33	28	15	14
4:	Mechanical complications	221	134	127	78
5:	Other complications	104	68	67	39
6:	Pain	19	18	15	14
7:	Peripheral neurologic complications	45	38	36	29

	2_num	2_patients	3_num	3_patients	all	1	2	3	p_val_all_1	p_val_all_2
1:	0	0	0	0	372	205	63	104	1.0000	1.0000
2:	2	2	4	4	372	205	63	104	0.6674	0.7308
3:	12	9	6	5	372	205	63	104	0.8876	0.1250
4:	76	41	18	15	372	205	63	104	0.6942	0.0000
5:	19	15	18	14	372	205	63	104	0.9137	0.3900
6:	2	2	2	2	372	205	63	104	0.4180	0.7964
7:	7	7	2	2	372	205	63	104	0.2023	1.0000

	p_val_all_3	p_val_1_2	p_val_1_3	p_val_2_3
1:	1.0000	1.0000	1.0000	NaN
2:	0.7859	0.5202	0.5189	1.0000
3:	0.4552	0.1116	0.6538	0.0637
4:	0.0000	0.0003	0.0000	0.0000
5:	0.3157	0.5166	0.2864	0.1335
6:	0.3013	0.4432	0.1170	1.0000
7:	0.0126	0.6842	0.0015	0.0282