Patient 561

Measure/Method	ICP	CPD	ICP Then CPD	SV ICP *	SV CPD*	SV ICP then CPD *
Dice						
Lateral	0.6989	0.7653	0.7166	**0.8230**	0.8015	0.8056
Axial	0.8290	0.8563	0.8522	**0.8994**	0.8837	0.8947
Frontal	0.8254	0.6814	0.7394	**0.8258**	0.7665	0.7622
Huasdorff						
Lateral	17.2047	**12.8062**	13.6015	15.0000	15.0333	18.0000
Axial	13.0000	30.5941	22.0227	**12.1655**	20.6155	14.3178
Frontal	14.1421	12.0416	11.1803	15.2315	**10.1980**	16.0000
ASD						
Lateral	2.9587	2.4703	2.9042	**2.2014**	2.3108	2.3771
Axial	2.5124	2.4721	2.1606	**1.7248**	1.9372	1.8502
Frontal	2.5897	3.3415	2.6617	**2.3446**	2.7646	3.1310
Number of Negatives in Jacobian Determinant	–	64426	61105	**56829**	57569	57493
Intersection Volume						
L1 & L2	–	–	–	1250.5688	465.8217	**314.9422**
L2 & L3				1378.9119	375.1867	**325.4639**
L3 & L4				2009.5688	202.3907	**525.3164**
L4 & L5				2141.9996	1260.6768	**1149.2082**

* SV = Single Vertebra

Scores are applied on the best slice indexes (output of 'extractVertebra()' function in MATLAB code) from Atlas.

The best values in each row is **bolded**.

Patient 593

Measure/Method	ICP	CPD	ICP Then CPD	SV ICP *	SV CPD*	SV ICP then CPD *
Dice						
Lateral	0.6422	0.6702	0.6854	**0.7893**	0.7496	0.7633
Axial	0.7678	0.7764	0.7758	**0.8357**	0.8304	0.8055
Frontal	0.6802	0.6863	0.6795	**0.7589**	0.7193	0.7494
Huasdorff						
Lateral	21.6333	17.0294	17.0294	13.0000	15.0000	**12.0416**
Axial	**13.0000**	14.8661	14.3178	26.9258	14.1421	24.5967
Frontal	14.1421	17.0000	17.0000	16.1555	**12.5300**	16.2788
ASD						
Lateral	3.5928	3.7355	3.3408	**2.5985**	2.7701	2.6209
Axial	3.4375	3.4954	3.2816	2.9594	**2.7416**	3.1150
Frontal	3.5810	4.3057	3.7408	3.1965	**3.1777**	3.3483
Number of Negatives in Jacobian Determinant	–	85195	77166	**75229**	77512	76379
Intersection Volume						
L1 & L2	–	–	–	1792.9703	**1977.0722**	1154.7689
L2 & L3				1063.5724	**1507.3252**	711.8564
L3 & L4				1291.5117	**772.5067**	700.6663
L4 & L5				3336.6130	**145.2190**	4385.8391

* SV = Single Vertebra

Scores are applied on the best slice indexes (output of 'extractVertebra()' function in MATLAB code) from Atlas.

The best values in each row is **bolded**.

Patient 605

Measure/Method	ICP	CPD	ICP Then CPD	SV ICP *	SV CPD*	SV ICP then CPD *
Dice						
Lateral	0.7550	0.7430	0.7223	**0.8394**	0.8248	0.8286
Axial	0.8304	0.8198	0.8250	0.8725	**0.8771**	0.8738
Frontal	0.6947	0.6146	0.6229	0.8012	**0.8060**	0.8043
Huasdorff						
Lateral	16.4012	14.1421	14.8661	**10.7703**	14.5602	11.1803
Axial	13.6015	14.3178	14.3178	13.0000	**10.0000**	13.0000
Frontal	14.0000	14.8661	16.7631	13.6015	**9.4340**	15.8114
ASD						
Lateral	2.7784	2.8525	2.8491	**1.8305**	2.1046	2.0281
Axial	2.6357	2.6646	2.5711	1.9772	**1.9266**	2.0501
Frontal	3.8517	4.0417	4.1116	2.7295	2.5393	**2.5381**
Number of Negatives in Jacobian Determinant	–	36193	43311	41151	**33499**	41004
Intersection Volume						
L1 & L2	–	–	–	1945.6832	**649.1853**	1732.9843
L2 & L3				1299.5336	**479.4018**	459.6167
L3 & L4				1554.8640	**226.1340**	307.6705
L4 & L5				2324.0331	**753.8349**	838.4588

* SV = Single Vertebra

Scores are applied on the best slice indexes (output of 'extractVertebra()' function in MATLAB code) from Atlas.

The best values in each row is **bolded**.

Patient 631

Measure/Method	ICP	CPD	ICP Then CPD	SV ICP *	SV CPD*	SV ICP then CPD *
Dice						
Lateral	0.7039	0.7271	0.7122	**0.7969**	0.7644	0.7605
Axial	0.7636	0.7859	0.7779	**0.8250**	0.8213	0.8063
Frontal	0.7658	0.7227	0.7214	**0.7997**	0.7666	0.7649
Huasdorff						
Lateral	20.5183	13.4164	13.4164	12.3693	**11.4018**	14.1421
Axial	13.0000	12.0000	12.1655	12.0000	**10.8167**	10.2956
Frontal	15.2971	12.6491	14.5602	**9.0554**	10.2956	10.7703
ASD						
Lateral	3.3229	3.1779	3.1845	**2.3668**	2.6008	2.6165
Axial	3.6075	3.4238	3.4595	**2.7500**	2.8890	2.8903
Frontal	3.3161	3.6378	3.5860	**2.8874**	3.5479	3.5042
Number of Negatives in Jacobian Determinant	–	81858	68591	**61769**	70989	68911
Intersection Volume						
L1 & L2	–	–	–	3159.7697	961.0704	**1116.9895**
L2 & L3				2356.9128	2924.9802	**2245.9586**
L3 & L4				3419.9869	1489.6652	**1269.0704**
L4 & L5				989.4505	844.2943	**1369.2101**

* SV = Single Vertebra

Scores are applied on the best slice indexes (output of 'extractVertebra()' function in MATLAB code) from Atlas.

The best values in each row is **bolded**.

Average

Measure/Method	ICP	CPD	ICP Then CPD	SV ICP *	SV CPD*	SV ICP then CPD *
Dice						
Lateral	0.7	0.7264	0.7091	**0.8122**	0.7851	0.7895
Axial	0.7977	0.8096	0.8077	**0.8582**	0.8531	0.8451
Frontal	0.7415	0.6763	0.6908	**0.7964**	0.7646	0.7702
Huasdorff						
Lateral	18.9394	14.3485	14.7284	**12.7849**	13.9988	13.841
Axial	**13.1504**	17.9445	15.706	16.0228	13.8936	15.5525
Frontal	14.3953	14.1392	14.8759	13.511	**10.6144**	14.7151
ASD						
Lateral	3.1632	3.0591	3.0697	**2.2493**	2.4466	2.4107
Axial	3.0483	3.014	2.8682	**2.3529**	2.3736	2.4764
Frontal	3.3346	3.8317	3.525	**2.7895**	3.0074	3.1304
Number of Negatives in Jacobian Determinant	–	66918	62543.25	**58744.5**	59892.25	60946.75
Intersection Volume						
L1 & L2	–	–	–	2037.25	**1013.28**	1079.92
L2 & L3				1524.73	**1321.72**	935.72
L3 & L4				2068.98	**672.67**	700.68
L4 & L5				2198.02	**751.01**	1935.67

* SV = Single Vertebra

Scores are applied on the best slice indexes (output of 'extractVertebra()' function in MATLAB code) from Atlas.

The best values in each row is **bolded**.

STD

Measure/Method	ICP	CPD	ICP Then CPD	SV ICP *	SV CPD*	SV ICP then CPD *
Dice [**Lateral**, **Axial**, **Frontal**]	0.0399 0.032 0.0583	0.0352 0.0314 0.039	0.0142 0.0323 0.0448	0.0201 0.0296 0.024	0.0297 0.0276 0.0307	0.0288 0.0399 0.0205
Huasdorff [**Lateral**, **Axial**, **Frontal**]	2.191 0.2605 0.5239	1.6184 7.3821 1.9579	1.4409 3.7513 2.3362	1.5153 6.3062 2.7301	1.511 4.1795 1.1552	2.6318 5.4192 2.2836
ASD [**Lateral**, **Axial**, **Frontal**]	0.3162 0.48 0.4699	0.464 0.4515 0.3697	0.2017 0.5267 0.5338	0.2799 0.5151 0.3069	0.2568 0.4448 0.387	0.2419 0.5369 0.3668
Number of Negatives in Jacobian Determinant	–	19413.19	12473.45	12186.94	16849.29	13334.40
Intersection Volume [**L1 & L2**, **L2 & L3**, **L3 & L4**, **L4 & L5**]	–	–	–	697.67 494.25 821.20 833.07	583.93 1025.95 523.92 398.57	504.64 769.07 356.46 1427.11

* SV = Single Vertebra

Scores are applied on the best slice indexes (output of 'extractVertebra()' function in MATLAB code) from Atlas.