

Participant	Modality	Region	left kidney	right kidney	spleen	liver	left lung	right lung	urinary bladder	muscle body of left rectus abdominis	muscle body of right rectus abdominis	lumbar Vertebra 1	thyroid	pancreas	left psoas major muscle	right psoas major muscle	gallbladder	sternum	aorta	trachea	left adrenal gland	right adrenal gland	Average	Number of submitted annotations	Number of blank annotations	
			29663	29662	86	58	1326	1302	237	40358	40357	29193	7578	170	32249	32248	187	2473	480	1247	30325	30324				
Measure		DICE coefficient																								
[SJ]	Ctce	ThAb	0.902		0.934		0.970	0.979													0.856			0.928	25	
[JM]	CT	wb	0.678	0.649	0.677	0.823	0.969	0.967	0.616			0.440						0.271			0.855			0.694	50	
[JM]	Ctce	ThAb	0.923	0.905	0.859	0.908	0.952	0.963	0.680			0.472						0.400			0.830			0.789	50	
[WS]	CT	wb	0.729	0.777	0.887	0.904	0.971	0.972	0.806						0.722	0.764		0.712						0.824	50	
[WS]	Ctce	ThAb	0.896	0.890	0.842	0.887	0.956	0.942	0.738						0.737	0.752		0.590						0.823	50	
[GGS]	Ctce	ThAb	0.885	0.827	0.803	0.882	0.960	0.966	0.657			0.548	0.315	0.442	0.797		0.212	0.612	0.787	0.839	0.099	0.019	0.627	76	16	
[GGS]	MRT1	wb	0.548	0.589	0.646	0.817	0.486	0.909	0.577			0.623	0.488		0.765		0.044	0.359	0.783	0.747	0.144	0.268	0.550	63	7	
[GGS]	CT	wb	0.756	0.679	0.684	0.798	0.955	0.965	0.636			0.333	0.439	0.466	0.773	0.780	0.078	0.630	0.724	0.837	0.282	0.133	0.608	89	11	
[GGS]	MRT1ce	Ab	0.888	0.732	0.785	0.861			0.334			0.084		0.356	0.654		0.000						0.587	38	5	
[HLJ]	Ctce	ThAb				0.922																	0.922	5		
[HLJ]	CT	wb				0.911																	0.911	5		
Measure		Mean Surface distance																								
[SJ]	Ctce	ThAb	0.23		0.14		0.08	0.04													0.30			0.16	25	
[JM]	CT	wb	3.057	3.308	2.636	1.764	0.050	0.056	2.082			4.179					25.021			0.297			4.245	50		
[JM]	Ctce	ThAb	0.152	0.365	0.596	0.373	0.107	0.067	1.689			4.219					4.341			0.582			1.249	50		
[WS]	CT	wb	3.63	1.21	0.45	0.46	0.07	0.06	0.78						1.77	1.15		1.24					1.08	50		
[WS]	Ctce	ThAb	0.27	0.28	0.87	0.65	0.15	0.20	1.59						1.75	1.58		4.14					1.15	50		
[GGS]	Ctce	ThAb	0.39	1.48	1.08	0.73	0.38	0.92	1.93			2.46	5.54	6.83	0.80		13.50	1.13	0.78	0.71	9.63	15.07	3.73	76	16	
[GGS]	MRT1	wb	21.23	16.73	0.83	0.90	159.4	0.28	1.44			1.21	1.01		0.94		8.18	5.44	0.45	0.53	12.09	3.64	14.64	63	7	
[GGS]	CT	wb	1.42	3.66	2.15	1.60	0.88	0.10	2.32			6.99	3.57	3.36	1.33	1.33	14.55	1.33	1.02	0.87	6.01	6.62	3.28	89	11	
[GGS]	MRT1ce	Ab	0.34	3.76	0.82	0.83			5.91			9.14		5.91	1.63		11.54						4.43	38	5	
[HLJ]	Ctce	ThAb				0.29																	0.29	5		
[HLJ]	CT	wb				0.31																	0.31	5		

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			29663	29662	86	58	1326	1302	237	40358	40357	29193	7578	170	32249	32248	187	2473	480	1247	30325	30324				
Measure			Interclass Correlation																							
[SJ]	Ctce	ThAb	0.902		0.934		0.970	0.979													0.856			0.928	25	
[JM]	CT	wb	0.678	0.649	0.677	0.823	0.969	0.967	0.616			0.440					0.271			0.855			0.694	50		
[JM]	Ctce	ThAb	0.923	0.905	0.859	0.908	0.952	0.963	0.680			0.472					0.400			0.830			0.789	50		
[WS]	CT	wb	0.729	0.777	0.887	0.904	0.971	0.972	0.806						0.722	0.764		0.712					0.824	50		
[WS]	Ctce	ThAb	0.896	0.890	0.842	0.887	0.956	0.942	0.738						0.737	0.752		0.590					0.823	50		
[GGS]	Ctce	ThAb	0.885	0.827	0.803	0.882	0.960	0.966	0.657			0.548	0.315	0.442	0.797		0.212	0.612	0.787	0.839	0.099	0.019	0.627	76	16	
[GGS]	MRT1	wb	0.548	0.589	0.646	0.817	0.486	0.909	0.577			0.623	0.488		0.765		0.044	0.359	0.783	0.747	0.144	0.268	0.550	63	7	
[GGS]	CT	wb	0.756	0.679	0.684	0.798	0.955	0.965	0.636			0.333	0.439	0.466	0.773	0.780	0.078	0.630	0.724	0.837	0.282	0.133	0.608	89	11	
[GGS]	MRT1ce	Ab	0.888	0.732	0.785	0.861			0.334			0.084		0.356	0.654		0.000						0.587	38	5	
[HLJ]	Ctce	ThAb				0.922																	0.922	5		
[HLJ]	CT	wb				0.911																	0.911	5		
Measure			Adjusted Rand Index																							
[SJ]	Ctce	ThAb	0.901		0.933		0.967	0.977													0.856			0.927	25	
[JM]	CT	wb	0.677	0.648	0.676	0.820	0.968	0.966	0.616			0.439					0.271			0.855			0.694	50		
[JM]	Ctce	ThAb	0.922	0.904	0.858	0.903	0.948	0.959	0.678			0.471					0.400			0.830			0.787	50		
[WS]	CT	wb	0.728	0.776	0.886	0.901	0.970	0.971	0.806						0.721	0.764		0.711					0.824	50		
[WS]	Ctce	ThAb	0.896	0.889	0.840	0.882	0.952	0.936	0.736						0.736	0.751		0.589					0.821	50		
[GGS]	Ctce	ThAb	0.885	0.826	0.802	0.876	0.956	0.962	0.655			0.548	0.315	0.442	0.796		0.212	0.612	0.786	0.839	0.099	0.019	0.625	76	16	
[GGS]	MRT1	wb	0.547	0.588	0.645	0.812	0.474	0.907	0.576			0.623	0.488		0.765		0.044	0.359	0.782	0.747	0.144	0.268	0.548	63	7	
[GGS]	CT	wb	0.756	0.679	0.684	0.794	0.954	0.964	0.635			0.333	0.439	0.466	0.773	0.780	0.078	0.630	0.723	0.837	0.282	0.133	0.608	89	11	
[GGS]	MRT1ce	Ab	0.886	0.730	0.781	0.847			0.332			0.084		0.355	0.651		0.000						0.583	38	5	
[HLJ]	Ctce	ThAb				0.918																	0.918	5		
[HLJ]	CT	wb				0.909																	0.909	5		

- [SJ] Assaf B. Spanier and Leo Joskowicz
School of Engineering and Computer Science, The Hebrew University of Jerusalem, Israel
Rule-Based Ventral Cavity Multi-Organ Automatic Segmentation in CT Scans
- [JM] Oscar Alfonso Jiménez del Toro and Henning Müller
University of Applied Sciences Western Switzerland, Switzerland
Hierarchical Multi-structure Segmentation Guided by Anatomical Correlations
- [WS] Chunliang Wang* and Örjan Smedby~
**Center for Medical Imaging Science and Visualization(CMIV) and ~Dept of Medical and Health Sciences (IMH), Linköping University, Sweden*
Automatic multi-organ segmentation using fast model based level set method and hierarchical shape priors
- [GGS] Orcun Goksel, Tobias Gass, and Gabor Szekely
Computer Vision Lab, ETH Zurich, Switzerland
Segmentation and Landmark Localization Based on Multiple Atlases
- [HLJ] Cheng Huang, Xuhui Li, and Fucang Jia
Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, China
Automatic Liver Segmentation using Multiple Prior Knowledge Models and Free-Form Deformation