

Real Time Challenge Results Announcement

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EVALUATED STRUCTURES

- Structures of interest consisted of
 - Esophagus
 - Heart
 - Lung Left and Right
 - Spinal Cord



CHALLENGE PARTICIPATION

- Number registered: 110
- Offsite submissions: 31 from 11 teams
- Live challenge:
 - Remote participants: 2
 - Onsite participants: 4



ONSITE CHALLENGE WINNERS

1. Xiao Han
2. Xue Feng
3. DM Lam



LIVE CHALLENGE RESULTS

#	User	Entries	Date of Last Entry	Team Name	Difference ▲
1	elehanx	1	08/02/17		56.319359 (1)
2	xuefeng	4	08/02/17	uva-dl	55.361129 (2)
3	paulaljabar	1	08/02/17		54.164734 (3)
4	zamdbori	1	08/02/17		44.556006 (4)
5	brentvdh	4	08/03/17		41.261707 (5)
6	radonc	3	08/02/17		37.765718 (6)



LIVE CHALLENGE RESULTS: Esophagus

Participant	Dice	95% Hausdorff mm	mSD mm
Reference	0.82	1.1	3.3
Xiao Han	0.72 ± 0.1	7.3 ± 10.3	2.2 ± 2.8
Xue Feng	0.64 ± 0.19	19.7 ± 25.9	6.3 ± 9.1
Paul Aljabar	0.71 ± 0.12	7.8 ± 8.2	2.1 ± 1.9
Zamdbori	0.61 ± 0.11	8.0 ± 3.8	2.5 ± 1.1
BrentVDH	0.58 ± 0.11	8.6 ± 3.8	2.6 ± 1.0
D.M. Lam	0.55 ± 0.2	37.0 ± 26.9	13.1 ± 10.4



LIVE CHALLENGE RESULTS: Heart

Participant	Dice	95% Hausdorff mm	mSD mm
Reference	0.93	1.1	3.3
Xiao Han	0.93 ± 0.02	5.8 ± 1.9	2.2 ± 2.8
Xue Feng	0.92 ± 0.02	7.1 ± 3.7	2.4 ± 0.8
Paul Aljabar	0.91 ± 0.02	9.0 ± 4.3	2.9 ± 0.9
Zamdbori	0.92 ± 0.02	5.8 ± 1.98	2.2 ± 2.8
BrentVDH	0.90 ± 0.02	9.2 ± 3.1	3.1 ± 0.8
D.M. Lam	0.85 ± 0.04	13.8 ± 5.5	4.5 ± 1.6



LIVE CHALLENGE RESULTS: Lung Left

Participant	Dice	95% Hausdorff mm	mSD mm
Reference	0.96	1.5	5.2
Xiao Han	0.97 ± 0.02	2.9 ± 1.3	0.7 ± 0.3
Xue Feng	0.98 ± 0.01	2.2 ± 0.8	0.6 ± 0.3
Paul Aljabar	0.98 ± 0.02	2.3 ± 1.3	0.6 ± 0.3
Zamdbori	0.96 ± 0.03	7.8 ± 19.1	2.9 ± 6.9
Brent VDH	0.96 ± 0.01	4.5 ± 1.6	1.1 ± 0.4
D.M. Lam	0.95 ± 0.03	4.4 ± 3.4	1.2 ± 0.6



LIVE CHALLENGE RESULTS: Lung Right

Participant	Dice	95% Hausdorff mm	mSD mm
Reference	0.96	2.2	6.4
Xiao Han	0.97 ± 0.02	4.7 ± 2.5	1.1 ± 0.5
Xue Feng	0.97 ± 0.02	3.6 ± 2.3	0.9 ± 0.5
Paul Aljabar	0.97 ± 0.02	3.7 ± 2.1	0.9 ± 0.5
Zamdbori	0.95 ± 0.05	14.5 ± 34.4	2.7 ± 4.8
Brent VDH	0.96 ± 0.02	5.6 ± 3.2	1.4 ± 0.6
D.M. Lam	0.96 ± 0.02	4.1 ± 2.1	1.1 ± 0.5



