

# Results

The challenge results are as follows.

**Track 1:** The table below shows the results in each category.

DMOS is the difference between MOS of the processed clips and MOS of the original noisy clips.

Team	Team #	Singing			Tonal			Non-English (includes Tonal)			English			Emotional			Overall		
		MOS	DMOS	95% CI	MOS	DMOS	95% CI	MOS	DMOS	95% CI	MOS	DMOS	95% CI	MOS	DMOS	95% CI	MOS	DMOS	95% CI
Microsoft-1*		3.18	0.22	0.11	3.63	0.63	0.06	3.61	0.65	0.04	3.57	0.76	0.04	2.68	0.00	0.08	3.43	0.57	0.03
IACASlab9	24	3.14	0.17	0.11	3.44	0.44	0.06	3.50	0.53	0.04	3.49	0.69	0.04	2.92	0.25	0.08	3.38	0.53	0.03
Microsoft-2*		3.00	0.03	0.12	3.53	0.53	0.06	3.53	0.57	0.04	3.52	0.72	0.04	2.76	0.08	0.08	3.38	0.52	0.03
Sogou	18	3.23	0.27	0.10	3.39	0.39	0.06	3.43	0.47	0.04	3.45	0.65	0.04	2.93	0.26	0.08	3.35	0.50	0.03
Amazon	23	3.16	0.20	0.10	3.40	0.41	0.07	3.42	0.46	0.04	3.47	0.66	0.04	2.90	0.22	0.08	3.34	0.49	0.03
Trident	14	3.01	0.05	0.10	3.35	0.35	0.07	3.40	0.44	0.04	3.42	0.62	0.04	2.96	0.28	0.07	3.32	0.46	0.03
Seoul National University-Supertone	16	3.08	0.12	0.10	3.38	0.38	0.07	3.43	0.46	0.04	3.41	0.61	0.04	2.88	0.21	0.07	3.32	0.46	0.03
UCAS	13	3.09	0.13	0.09	3.31	0.31	0.08	3.38	0.42	0.04	3.35	0.55	0.04	2.99	0.32	0.08	3.29	0.44	0.03
NPU	26	3.06	0.10	0.10	3.33	0.33	0.07	3.39	0.42	0.04	3.37	0.57	0.04	2.80	0.13	0.08	3.27	0.42	0.03
Baidu	21	2.93	(0.04)	0.10	3.33	0.33	0.07	3.39	0.42	0.04	3.31	0.51	0.04	2.69	0.01	0.08	3.22	0.36	0.03
Baseline-NSnet2		3.10	0.14	0.09	3.25	0.26	0.06	3.28	0.31	0.04	3.30	0.50	0.04	2.88	0.21	0.08	3.21	0.36	0.03
University Oldenburg	27	2.82	(0.14)	0.10	3.27	0.27	0.06	3.34	0.38	0.04	3.24	0.44	0.04	2.77	0.10	0.07	3.18	0.32	0.03
SDUT	9	2.92	(0.04)	0.10	3.16	0.16	0.06	3.21	0.25	0.04	3.20	0.40	0.04	2.65	(0.03)	0.07	3.10	0.25	0.02
Westlake University	22	2.99	0.03	0.09	3.06	0.06	0.07	3.15	0.19	0.04	3.09	0.29	0.04	2.80	0.12	0.07	3.06	0.21	0.02
TU Braunschweig	8	2.53	(0.43)	0.09	3.09	0.09	0.07	3.17	0.20	0.04	3.12	0.32	0.04	2.76	0.08	0.07	3.04	0.18	0.03
CILAB	10	2.73	(0.23)	0.09	3.06	0.06	0.06	3.05	0.08	0.04	2.90	0.10	0.03	2.63	(0.05)	0.07	2.91	0.05	0.02
Jadavpur University Innovators Lab	20	2.95	(0.02)	0.09	3.01	0.02	0.05	3.00	0.03	0.03	2.86	0.06	0.03	2.68	0.01	0.07	2.90	0.04	0.02
University of East London	4	2.66	(0.30)	0.10	2.89	(0.11)	0.07	2.94	(0.03)	0.04	2.90	0.10	0.03	2.65	(0.03)	0.07	2.86	0.00	0.02
Noisy		2.96	-	0.08	3.00	-	0.05	2.96	-	0.03	2.80	-	0.03	2.67	-	0.07	2.86	-	0.02
CASIA	11	2.38	(0.58)	0.09	2.58	(0.42)	0.06	2.61	(0.35)	0.04	2.56	(0.25)	0.04	2.43	(0.25)	0.07	2.55	(0.31)	0.02

\*. The models from Microsoft will be ignored while picking the final winners

Here is the Analysis of Variance (ANOVA) results for the top 3 teams, excluding the models from Microsoft.

**Track 2:** Two teams participated in track 2. The table below shows the results.

Team	Team #	MOS	DMOS	95% CI
Microsoft-1*		3.5	0.15	0.05
Sogou track_2 with speaker	18	3.49	0.14	0.05
Baseline-nsnet2		3.44	0.09	0.05
Sogou track_2 without speaker	18	3.44	0.09	0.05
Microsoft-2*		3.42	0.07	0.05
noisy		3.35	0	0.05
UCAS track_2 with speaker	13	3.35	0	0.05
UCAS track_2 without speaker	13	3.33	-0.02	0.05