



MIREX 2025 Overall Result Poster

Future MIREX Team



Audio Beat Tracking <TC: Wenye Ma, Yamaha Corporation>

Dataset: GTZAN

Group	F1	Cemgil	Goto	P-score	CMLc	CMLt	AMLc	AMLt
BeatU	84.93	68.23	64.06	84.27	71.07	75.26	78.78	84.27
KG-ApolloBeats*	92.53	80.66	79.38	93.55	83.44	88.49	86.86	92.77
KG-ApolloBeats 2	88.21	76.45	75.28	88.38	78.48	81.05	88.63	92.18
Baseline: BeatThis	89.02	80.15	72.27	88.00	76.00	79.64	84.63	90.01
Baseline: CD1	81.19	69.64	62.06	79.97	65.02	66.94	83.08	86.69

Dataset: SMC

Group	F1	Cemgil	Goto	P-score	CMLc	CMLt	AMLc	AMLt
BeatU	53.14	40.67	14.75	63.52	27.24	41.16	30.88	47.44
KG-ApolloBeats*	74.15	57.07	32.72	84.51	53.73	72.66	55.96	76.22
KG-ApolloBeats 2	58.55	45.08	25.81	68.36	39.14	50.80	46.81	61.45
Baseline: BeatThis*	71.81	55.64	27.19	82.91	49.78	69.89	51.15	72.30
Baseline: CD1	33.66	26.29	6.91	45.10	9.88	13.12	17.99	29.48

Dataset: YAMAHA_Balanced

Group	F1	Cemgil	Goto	P-score	CMLc	CMLt	AMLc	AMLt
BeatU	92.55	82.28	89.12	93.57	83.62	90.15	85.84	93.11
KG-ApolloBeats	91.97	81.29	88.28	92.54	79.91	88.30	82.26	91.79
KG-ApolloBeats 2	92.98	82.75	91.63	93.66	85.79	90.57	88.27	93.79
Baseline: BeatThis	90.59	79.43	81.59	91.42	64.94	84.52	66.87	87.73
Baseline: CD1	76.43	67.85	64.44	74.42	55.13	59.47	71.86	83.63

Dataset: YAMAHA_JPop

Group	F1	Cemgil	Goto	P-score	CMLc	CMLt	AMLc	AMLt
BeatU	96.58	88.94	95.20	96.73	92.32	94.46	94.65	97.05
KG-ApolloBeats	95.39	86.66	93.20	94.63	82.87	90.54	84.72	93.48
KG-ApolloBeats 2	95.87	87.43	95.20	95.29	88.53	92.00	90.72	94.49
Baseline: BeatThis	94.00	84.08	86.80	93.15	69.66	86.64	71.39	89.57
Baseline: CD1	77.38	70.76	64.40	73.55	54.98	58.71	77.28	85.29

Note: Greyed out entries (with *) are trained on the corresponding dataset.

Audio Chord Estimation <TC: Junyan Jiang, Yamaha Corporation>

Dataset: Billboard 2013

Group	Root	MajMin	+Bass	Sevenths	+Bass
BMACE	55.72	8.88	8.70	2.52	2.45
MD1	81.35	79.15	77.91	66.40	65.33
YK1	81.01	78.10	75.41	64.53	62.05
wu-ensemble	74.64	71.97	70.72	55.06	53.96
wu-single	75.77	73.14	71.74	55.41	54.15
Baseline: Chordino	71.06	67.18	65.09	48.88	47.06
Baseline: ISMIR2019	78.61	76.39	74.72	64.15	62.65

Dataset: YAMAHA_Balanced

Group	Root	MajMin	+Bass	Sevenths	+Bass
BMACE	58.92	12.59	12.29	4.52	4.34
MD1	81.83	80.22	78.87	64.13	63.14
YK1	82.53	79.71	75.60	66.02	62.31
wu-ensemble	82.54	81.29	78.99	62.84	60.84
wu-single	81.37	79.69	77.61	61.60	59.84
Baseline: Chordino	77.57	74.64	71.59	56.38	53.90
Baseline: ISMIR2019	82.00	81.16	79.69	66.97	65.77

Dataset: YAMAHA_JPop

Group	Root	MajMin	+Bass	Sevenths	+Bass
BMACE	52.38	11.90	11.65	2.37	2.23
MD1	79.34	77.10	76.07	55.59	54.71
YK1	80.13	77.03	72.85	61.24	57.26
wu-ensemble	79.58	77.58	75.57	54.36	52.58
wu-single	78.87	76.56	74.66	55.35	53.60
Baseline: Chordino	74.49	71.99	69.24	52.40	49.97
Baseline: ISMIR2019	81.49	79.99	78.58	62.81	61.61

Note: Please see the online wiki for segmentation-based results (MeanSeg, UnderSeg, OverSeg).

Symbolic Music Generation <TC: Ziyu Wang, Jingwei Zhao>

Team	Coherecy	Naturalness	Creativity	Musicality
RWKV (Zhou-Zheng et al.)	3.57 ± 0.10 ^a	3.58 ± 0.10 ^a	3.26 ± 0.10 ^a	3.50 ± 0.10 ^a
PixelGen	2.39 ± 0.10 ^c	2.37 ± 0.09 ^c	2.85 ± 0.09 ^b	2.48 ± 0.09 ^c
MuseCoco (BL-1)	3.11 ± 0.10 ^b	3.07 ± 0.09 ^b	3.08 ± 0.09 ^{ab}	2.95 ± 0.09 ^b
Anticipatory Music Transformer (BL-2)	3.70 ± 0.10 ^a	3.69 ± 0.09 ^a	3.30 ± 0.10 ^a	3.45 ± 0.10 ^a

Note: Results are reported in the form of mean ± sem^s (sem refers to standard error of mean), where s is a letter. Different letters within a column indicate significant differences (p-value $p < 0.05$) based on a Wilcoxon signed rank test.

Music Structure Analysis <TC: Yixiao Zhang, Ruibin Yuan>

System	Methods Used	Trained on the training set of	ACC	HR.5F	HR3F
Baseline 1	MusicFM	Harmonix Set	0.705	0.644	0.710
kgstruct	All-in-One variance	External data (6k songs)	0.720	0.590	0.762

Cover Song Identification <TC: Xingjian Du, Ruibin Yuan>

Team	mAP	Rank-1	Rank-5	Rank-10
Previous best	0.877	0.947	0.966	0.972
MuCrossCover	0.958	0.974	0.984	0.986

Rencon (Expressive Piano Performance Rendering Competition) <TC: Huan Zhang>

#	Model Name	Authors	Weighted Score
1st	DirectorMusices	Anders Friberg, Gabriel Jones	4.33/5.00
2nd	VirtuosoNet	Dasaem Jeong, Taegyun Kwon, Yoojin Kim, Kyogu Lee, Juhan Nam	3.54/5.00
3rd	Midihum	Erich Grunewald	3.32/5.00
4th	ElegantAIPianist	Leduo Chen, Xinrui Su, Yuqiang Li, Honyu Andy Shing, Junchuan Zhao, Zihan Chai, Kunyang Zhang, Shengchen Li	3.19/5.00
5th	Contin-U	Jongmin Jung, Dongmin Kim, Sihun Lee, Seola Cho, Hyungjoon Soh, Irmak Bukey, Chris Donahue, Dasaem Jeong	3.00/5.00
6th	YQX+	Jinwen Zhou, Yuncong Xie, Haochen Wang, Huan Zhang, Aidan Hogg, Simon Dixon	2.83/5.00
7th	ScorePerLockNAR	Weixi Zhai	2.53/5.00
7th	RenConnoisseur	Silvan Peter	2.53/5.00
9th	CueFreeExpressPedal	Kyle Worrall, Tom Collins	2.31/5.00

Valid responses: 24

Music Reasoning QA <TC: Yinghao Ma>

MMAR Results

System	ACC	music ACC	mix-sound-music	mix-music-speech	mix-sound-music-speech
SAR-LM (w/ Qwen2.5-Omni)	40.00%	33.98%	27.27%	48.78%	37.50%
Qwen2.5-Omni	56.70%	40.78%	54.55%	67.07%	58.33%

OMniBench Results

System	ACC	music ACC
SAR-LM (w/ Qwen2.5-Omni)	31.26%	41.50%
Qwen2-Audio-7B-Instruct	40.72%	38.68%