MIREX 2015 Evaluation Results

J. Stephen Downie & IMIRSEL
University of Illinois at Urbana-Champaign
Email: jdownie@illinois.edu

Classical Composer Identification

SubID	Participants	Accuracy
LK2	Gyuha Lee, Moo Young Kim	0.6876
CYC1	Kang Cai, Deshun Yang, Xiaoou Chen	0.5992
CYC2	Kang Cai, Deshun Yang, Xiaoou Chen	0.5920
CYC3	Kang Cai, Deshun Yang, Xiaoou Chen	0.5664
LK3	Gyuha Lee, Moo Young Kim	0.5213
LP3	Leopoldo Pla	0.3460
LP4	Leopoldo Pla	0.3283
LP1	Leopoldo Pla	0.2684
LP2	Leopoldo Pla	0.2590

Latin Classification - MIREX08 Dataset

SubID	Participants	Accuracy
LK2	Gyuha Lee, Moo Young Kim	0.6821
CYC1	Kang Cai, Deshun Yang, Xiaoou Chen	0.6690
CYC2	Kang Cai, Deshun Yang, Xiaoou Chen	0.6681
LK3	Gyuha Lee, Moo Young Kim	0.6291
CYC3	Kang Cai, Deshun Yang, Xiaoou Chen	0.6111
TL2	Thomas Lidy	0.5469

Mood Classification - MIREX08 Dataset

SubID	Participants	Accuracy
LK2	Gyuha Lee, Moo Young Kim	0.6617
LK3	Gyuha Lee, Moo Young Kim	0.6250
CYC1	Kang Cai, Deshun Yang, Xiaoou Chen	0.5917
CYC2	Kang Cai, Deshun Yang, Xiaoou Chen	0.5850
CYC3	Kang Cai, Deshun Yang, Xiaoou Chen	0.5383
TL2	Thomas Lidy	0.5050

Genre Classification (Mixed) - MIREX08 Dataset

SubID	Participants	Accuracy
WFJ1	Ming-Ju Wu, Zhe-Cheng Fan, Jyh-Shing Roger Jang	0.7627
LK2	Gyuha Lee, Moo Young Kim	0.7477
CYC1	Kang Cai, Deshun Yang, Xiaoou Chen	0.7147
CYC2	Kang Cai, Deshun Yang, Xiaoou Chen	0.7119
LK3	Gyuha Lee, Moo Young Kim	0.7020
CYC3	Kang Cai, Deshun Yang, Xiaoou Chen	0.6919
TL2	Thomas Lidy	0.6441

KPOP Genre Classification (Annotated by Korean Annotators)

SubID	Participants	Accuracy
LK2	Gyuha Lee, Moo Young Kim	0.6346
LK3	Gyuha Lee, Moo Young Kim	0.6125

KPOP Genre Classification (Annotated by American Annotators)

SubID	Participants	Accuracy
LK3	Gyuha Lee, Moo Young Kim	0.6051
LK2	Gyuha Lee, Moo Young Kim	0.5993

KPOP Mood Classification (Annotated by Korean Annotators)

SubID	Participants	Accuracy
LK3	Gyuha Lee, Moo Young Kim	0.6040
CYC1	Kang Cai, Deshun Yang, Xiaoou Chen	0.5839
LK2	Gyuha Lee, Moo Young Kim	0.5811
CYC2	Kang Cai, Deshun Yang, Xiaoou Chen	0.5776
CYC3	Kang Cai, Deshun Yang, Xiaoou Chen	0.5630

KPOP Mood Classification (Annotated by American Annotators)

SubID	Participants	Accuracy
LK2	Gyuha Lee, Moo Young Kim	0.6395
CYC1	Kang Cai, Deshun Yang, Xiaoou Chen	0.6068
CYC2	Kang Cai, Deshun Yang, Xiaoou Chen	0.6047
LK3	Gyuha Lee, Moo Young Kim	0.6033
CYC3	Kang Cai, Deshun Yang, Xiaoou Chen	0.5804

Onset Detection

SubID	Participants	Avg. F-measure
SB2	Sebastian Böck	0.8589
CC7	ChunTa Chen	0.8551
SB3	Sebastian Böck	0.8508
SB5	Sebastian Böck	0.8392
SB4	Sebastian Böck	0.8388
BK7	Sebastian Böck, Florian Krebs	0.8370
LSY1	Che-Yuan Liang, Li Su, Yi-Hsuan Yang	0.8181
CC6	Chris Cannam	0.7345
CS2	Chris Cannam, Dan Stowell	0.6763

Real-time Audio to Score Alignment (a.k.a. Score Following) Results

SubID	Participants	Total Precision
RVC6	Francisco Jose Rodriguez-Serrano, Pedro Vera-Candeas, Julio Jose Carabias-Orti	0.9570
RVC5	Francisco Jose Rodriguez-Serrano, Pedro Vera-Candeas, Julio Jose Carabias-Orti	0.9553
RVC4	Francisco Jose Rodriguez-Serrano, Pedro Vera-Candeas, Julio Jose Carabias-Orti	0.9299

Audio Tempo Estimation

SubID	Participants	P-Score
SB8	Sebastian Böck	0.8977
SB9	Sebastian Böck	0.8647
SB10	Sebastian Böck	0.8539
CD1	Chris Cannam, Matthew Davies	0.7386
FW4	Fu-Hai Frank Wu	0.6527
FW5	Fu-Hai Frank Wu	0.6249

Symbolic Melodic Similarity Results

SubID	Participants	Avg. Fine Score (0-1)
JU2	Julián Urbano	0.4593
JU1	Julián Urbano	0.4541
JU3	Julián Urbano	0.4443
SNT2	Shiho Sugimoto,Yuto Nakashima, Masayuki Takeda	0.4061
SNT1	Shiho Sugimoto,Yuto Nakashima, Masayuki Takeda	0.3912
SNT3	Shiho Sugimoto,Yuto Nakashima, Masayuki Takeda	0.3698

Structure Segmentation

SubID	Participants	MIREX '09 F-measure	MIREX '10 RWC/Quaero SB@3sec	MIREX '10 RWC/RWC F-measure	Salami F-measure
MC1	Matthias Mauch, Chris Cannam	0.6063	0.4915	0.5762	0.5512
GS1	Thomas Grill, Jan Schlüter	0.5678	0.7934	0.542	0.5053
GS3	Thomas Grill, Jan Schlüter	0.5671	0.729	0.5421	0.5053
CC1	Chris Cannam	0.513	0.5995	0.5064	0.4492

Discovery of Repeated Themes & Sections Results

SubID	Participants	Task Version	R_est	P_est	R_occ	P_occ	Log Runtime
PLM1	Matevž Pesek, Urša Medvešek, Aleš Leonardis, Matija Marolt	Symbolic, Monophonic	0.4140	0.5334	0.5981	0.8133	4.3745
OL1'14	Olivier Lartillot	Symbolic, Monophonic	0.5610	0.6166	0.7596	0.8790	4.5503
VM2'14	Gissel Velarde, David Meredith	Symbolic, Monophonic	0.6315	0.6514	0.5844	0.6006	1.3072
WHD1	Cheng-i Wang, Jennifer Hsu, Shlomo Dubnov	Audio, Monophonic	0.4823	0.4838	0.4734	0.6020	2.5913
WDH1	Cheng-i Wang, Jennifer Hsu, Shlomo Dubnov	Audio, Monophonic	0.6091	0.4103	0.4614	0.8212	2.5942
NF1'14	Oriol Nieto, Morwaread Farbood	Audio, Monophonic	0.5349	0.5852	0.2286	0.4316	2.7024
WHD1	Cheng-i Wang, Jennifer Hsu, Shlomo Dubnov	Audio, Polyphonic	0.4087	0.5734	0.6463	0.6900	2.3499
WDH1	Cheng-i Wang, Jennifer Hsu, Shlomo Dubnov	Audio, Polyphonic	0.4528	0.4258	0.7168	0.7168	2.3345
NF1'14	Oriol Nieto, Morwaread Farbood	Audio, Polyphonic	0.3356	0.4918	0.3043	0.3235	2.4615

Cover Song Identification

SubID	Participants	Total Number of Covers in Top 10	
		Mixed Collection	Sapp's Mazuraka Collection
CT1	Christopher Tralie	624	3698
CYWW1	Chuan-Yau Chan, Ming-Chi Yen, Ju-Chiang Wang, Hsin-Min Wang	1354	4968

Audio Key Detection

SubID	Participants	Weighted Key Score	
		MIREX 2015 Dataset	GiantSteps Dataset
CN2	Chris Cannam, Katy Noland	0.8683	0.4697

Audio Fingerprinting Results

SubID	Participants	Size of Database (MB)	Top-1 Hit Rate (%)
CZ3	ChuanYi Chen, Chaogang Zhang	560	88.77
CZ4	ChuanYi Chen, Chaogang Zhang	1156	90.78
CZ5	ChuanYi Chen, Chaogang Zhang	1513	91.85
SW3	Steve Wang	2212	91.88
SW4	Steve Wang	2012	84.72
YCP4	Guangchao Yao,Yiqian Pan, Wei Chen	2121	85.17
YCP5	Guangchao Yao,Yiqian Pan, Wei Chen	2176	85.28
YCP6	Guangchao Yao,Yiqian Pan, Wei Chen	1786	65.18
ZW1	Zhichao Wang	1438	68.11
ZW2	Zhichao Wang		

Audio Melody Extraction Results

SubID	Participants	Overall Accuracy						
		ADC04 Dataset	MIREX05 Dataset	INDIAN08 Dataset	MIREX09 0dB Dataset	MIREX09 -5dB Dataset	MIREX09 +5dB Dataset	Orcheset15 Dataset
ZCY1	Weiwei Zhang, Zhe Chen, Fuliang Yin	0.6062	0.4563	0.5048	0.4623	0.3469	0.5374	0.3400
IIY2	Yukara Ikemiya, Katsutoshi Itoyama, Kazuyoshi Yoshii	0.6348	0.6549	0.7034	0.6807	0.5311	0.7942	0.3273
IIY1	Yukara Ikemiya, Katsutoshi Itoyama, Kazuyoshi Yoshii	0.5843	0.6074	0.6962	0.6627	0.5084	0.7791	0.2571
ZCY2	Weiwei Zhang, Zhe Chen, Fuliang Yin	0.6024	0.4563	0.5048	0.4618	0.3464	0.5369	0.3401
BG1	Juan J. Bosch, Emilia Gómez	0.6930	0.6274	0.7407	0.5397	0.4306	0.6236	0.5709
FYJ3	Zhe-Cheng Fan, Tzu-Chun Yeh, Jyh-Shing Roger Jang	0.5561	0.5441	0.6906	0.7442	0.5512	0.8687	0.1190
FYJ4	Zhe-Cheng Fan, Tzu-Chun Yeh, Jyh-Shing Roger Jang	0.6169	0.5619	0.6897	0.7622	0.5804	0.8690	0.1344
FYJ1	Zhe-Cheng Fan, Tzu-Chun Yeh, Jyh-Shing Roger Jang	0.6007	0.5852	0.6768	0.7613	0.6050	0.8602	0.1390
FYJ2	Zhe-Cheng Fan, Tzu-Chun Yeh, Jyh-Shing Roger Jang	0.5617	0.5436	0.6897	0.7467	0.5532	0.8690	0.1208

ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
mirex
imirsel
The Andrew W. Mellon Foundation
nema

MIREX 2015 Evaluation Results

J. Stephen Downie & IMIRSEL
University of Illinois at Urbana-Champaign
email: jdownie@illinois.edu

Audio Chord Estimation (MIREX 2009)

SubID	Participants	Root	MajMin	MajMinBass	Sevenths	SeventhsBass	Avg. Combined Hamming Measure	Avg. Under-Segmentation	Avg. Over-Segmentation
CM3	Chris Cannam, Matthias Mauch	65.8121	54.6482	47.7323	19.2939	16.1668	81.9962	85.2722	80.5241
DK4	Junqi Deng, Yu-Kwong Kwok	69.4543	67.6560	64.6086	59.5555	56.9235	85.2077	82.1289	90.6942
DK5	Junqi Deng, Yu-Kwong Kwok	75.7288	73.5091	68.8684	63.7431	59.7160	85.2992	81.5129	91.5720
DK6	Junqi Deng, Yu-Kwong Kwok	78.2594	75.5320	63.5616	64.6973	54.0065	85.6574	82.9533	90.5605
DK7	Junqi Deng, Yu-Kwong Kwok	78.6497	75.8907	70.3832	58.3722	53.5268	85.6898	82.9814	90.5769
DK8	Junqi Deng, Yu-Kwong Kwok	78.6497	75.8907	64.7733	66.8867	56.9393	85.6591	82.9537	90.5607
DK9	Junqi Deng, Yu-Kwong Kwok	79.0314	76.8501	74.4712	68.1057	66.0784	85.4746	81.8317	91.5158
KO1	Maksim Khadkevich, Maurizio Omologo	82.9252	82.1911	79.6069	76.0404	73.4264	87.6932	85.6588	91.2429

Audio Chord Estimation (Billboard 2012)

SubID	Participants	Root	MajMin	MajMinBass	Sevenths	SeventhsBass	Avg. Combined Hamming Measure	Avg. Under-Segmentation	Avg. Over-Segmentation
CM3	Chris Cannam, Matthias Mauch	59.7692	47.8553	42.0235	19.7232	16.6233	78.7848	83.3521	76.4983
DK4	Junqi Deng, Yu-Kwong Kwok	66.7161	65.4942	62.5781	51.5851	49.4209	83.2149	80.5190	87.8457
DK5	Junqi Deng, Yu-Kwong Kwok	71.1192	69.9827	66.5142	55.4274	52.4835	82.9731	79.2466	88.9966
DK6	Junqi Deng, Yu-Kwong Kwok	73.5148	71.3724	61.4473	56.3577	48.6743	83.3755	80.9088	87.7125
DK7	Junqi Deng, Yu-Kwong Kwok	73.9039	71.7697	66.8183	54.4178	50.6402	83.4322	80.8940	87.8270
DK8	Junqi Deng, Yu-Kwong Kwok	73.9039	71.7697	62.5494	54.5091	47.6137	83.3728	80.8185	87.7997
DK9	Junqi Deng, Yu-Kwong Kwok	74.2509	73.0310	71.6407	55.7798	54.5837	83.0972	79.4885	88.8726
KO1	Maksim Khadkevich, Maurizio Omologo	77.4518	75.5775	73.5128	57.6839	55.8240	84.1639	82.8014	87.4403

Audio Chord Estimation (Billboard 2013)

SubID	Participants	Root	MajMin	MajMinBass	Sevenths	SeventhsBass	Avg. Combined Hamming Measure	Avg. Under-Segmentation	Avg. Over-Segmentation
CM3	Chris Cannam, Matthias Mauch	57.8444	44.8706	39.3656	17.0360	14.4199	77.8689	81.2144	77.3906
DK4	Junqi Deng, Yu-Kwong Kwok	61.0702	57.9787	55.8521	45.8774	44.1657	80.5100	77.6090	87.4128
DK5	Junqi Deng, Yu-Kwong Kwok	66.7507	63.1651	60.3928	49.6908	47.3737	79.8573	75.7545	88.7410
DK6	Junqi Deng, Yu-Kwong Kwok	70.3249	65.3729	55.9933	51.7253	44.5079	80.7499	78.1023	87.2461
DK7	Junqi Deng, Yu-Kwong Kwok	70.7622	65.8009	61.0438	49.3957	45.7221	80.8241	78.1507	87.3094
DK8	Junqi Deng, Yu-Kwong Kwok	70.7622	65.8009	57.0567	50.2429	43.5285	80.7085	78.0954	87.2211
DK9	Junqi Deng, Yu-Kwong Kwok	70.0150	66.0777	64.6556	50.0070	48.8044	80.2390	76.2507	88.6020
KO1	Maksim Khadkevich, Maurizio Omologo	75.3641	71.3919	69.4261	53.5686	51.7788	81.6268	79.6089	87.7516

Audio Chord Estimation (JayChou)

SubID	Participants	Root	MajMin	MajMinBass	Sevenths	SeventhsBass	Avg. Combined Hamming Measure	Avg. Under-Segmentation	Avg. Over-Segmentation
CM3	Chris Cannam, Matthias Mauch	54.3170	43.8191	34.9239	20.5650	16.5406	81.4307	84.4028	79.1912
DK4	Junqi Deng, Yu-Kwong Kwok	75.6982	76.0591	72.8565	63.6571	61.3296	86.8527	83.3147	91.2842
DK5	Junqi Deng, Yu-Kwong Kwok	76.7882	77.0330	73.0989	64.4315	61.3944	87.0353	83.2418	91.7794
DK6	Junqi Deng, Yu-Kwong Kwok	72.7132	72.4378	64.6577	57.6450	51.3291	86.7990	83.6485	90.8313
DK7	Junqi Deng, Yu-Kwong Kwok	73.3777	73.1521	66.7756	53.5860	48.5892	86.8223	83.6747	90.8382
DK8	Junqi Deng, Yu-Kwong Kwok	73.3777	73.1521	65.4305	55.2012	48.9607	86.8285	83.7033	90.8290
DK9	Junqi Deng, Yu-Kwong Kwok	75.7770	75.2298	70.2906	61.4822	57.5500	86.8009	82.9620	91.6387
KO1	Maksim Khadkevich, Maurizio Omologo	78.7320	77.6870	66.8695	54.1637	44.5527	88.4633	87.1152	90.1075

Query-by-Singing/Humming Results

SubID	Participants	Hidden Jang Dataset (MRR)	Jang Dataset (MRR)	ThinkIt Dataset (MRR)	IOACAS Dataset (MRR)	Subtask2 Dataset (Simple Count)
JL1	Yam Jin, di liu, ke li, Rongrong Ji, Littleken Wu	0.8576	0.8950	0.9344	0.8221	-
BS2	Bartłomiej Stasiak	0.8655	0.9160	0.8324	0.6754	9.6647
BS1	Bartłomiej Stasiak	0.8577	0.9140	0.8914	0.6422	9.6549
TYCX4	Wenqi Tang, Guangchao Yao, Wei Chen, Limin Xiao	0.9281	0.9697	0.9228	0.8204	9.5044
TYCX3	Wenqi Tang, Guangchao Yao, Wei Chen, Limin Xiao	0.8806	0.9060	0.9261	0.8232	9.5044
JS2	Yam Jin, Yunhang Shen, ke li, Littleken Wu, Rongrong Ji	0.7612	0.8112	0.9035	0.7505	-
ZH1	Bilei Zhu, Liu Hong	0.8898	0.9095	0.4449	0.3713	-

Audio Beat Tracking

SubID	Participants	F-measure SMC Dataset	F-measure MAZ Dataset	F-measure MCK Dataset
BK1	Sebastian Böck, Florian Krebs	0.5685	0.5752	0.6361
BK2	Sebastian Böck, Filip Korzeniowski	0.5283	0.7385	0.6253
BK3	Sebastian Böck, Florian Krebs	0.5633	0.5489	0.6205
BK4	Sebastian Böck, Florian Krebs	0.5785	0.5598	0.6163
BK5	Sebastian Böck, Filip Korzeniowski	0.5819	0.7428	0.5991
BK6	Sebastian Böck, Florian Krebs	0.5633	0.5489	0.6205
CD4	Chris Cannam, Simon Dixon	0.3034	0.4195	0.5266
CD5	Chris Cannam, Matthew Davies	0.3366	0.4962	0.5288
FK1	Florian Krebs	0.4516	0.5511	0.5893
FK5	Florian Krebs	0.4428	0.5427	0.5982
FW6	Fu-Hai Frank Wu	0.3600	0.6653	0.4429
FW7	Fu-Hai Frank Wu	0.3753	0.5783	0.5063
FW8	Fu-Hai Frank Wu	0.3777	0.5863	0.5040
JZ1	Jose R. Zapata	0.3728	0.5093	0.5232
JZ2	Jose R. Zapata	0.3667	0.4838	0.5270
SB6	Sebastian Böck	0.5211	0.5895	0.6390
SB7	Sebastian Böck	0.4983	0.5233	0.6384

Singing Voice Separation

SubID	Participants	Singing Voice (GNSDR, dB)	Music (GNSDR, dB)
FJ1	Zhe-Cheng Fan, Jyh-Shing Roger Jang	6.8236	10.135
FJ2	Zhe-Cheng Fan, Jyh-Shing Roger Jang	6.3487	9.8678
IIY3	Yukara Ikemiya, Katsutoshi Itoyama, Kazuyoshi Yoshii	4.9862	8.2138
IIY4	Yukara Ikemiya, Katsutoshi Itoyama, Kazuyoshi Yoshii	5.3953	8.77
MD3	Matt McVicar, Tijl De Bie	2.9831	6.3671
MD4	Matt McVicar, Tijl De Bie	3.1022	7.4657

Set List Identification

SubID	Participants	Avg. ED	Avg. sBD	Avg. eBD
YWYW1	Ming-Chi Yen, Ju-Chiang Wang, Yi-Hsuan Yang, Hsin-Min Wang	11.350	131.147	160.695
YWYW2	Ming-Chi Yen, Ju-Chiang Wang, Yi-Hsuan Yang, Hsin-Min Wang	10.350	131.147	160.695
YWYW3	Ming-Chi Yen, Ju-Chiang Wang, Yi-Hsuan Yang, Hsin-Min Wang	11.500	322.845	313.188

Audio Downbeat Estimation Results

SubID	Participants	F-measure Ballroom	Beatles	Carnatic	Turkish	Cretan	Hjdb
DBDR2	Simon Durand, Juan Bello, Bertrand David, Gael Richard	0.7630	0.8550	0.2210	0.4720	0.4150	0.6910
DBDR3	Simon Durand, Juan Bello, Bertrand David, Gael Richard	0.8020	0.8470	0.2160	0.4460	0.4490	0.6820
FK2	Florian Krebs, Sebastian Böck	0.5030	0.7130	0.1540	0.2890	0.1510	0.7940
FK3	Florian Krebs, Sebastian Böck	0.5950	0.7090	0.1660	0.2980	0.1670	0.8240
FK4	Florian Krebs, Sebastian Böck	0.1790	0.1780	0.4740	0.1420	0.2330	0.1200
FK6	Florian Krebs, Sebastian Böck	0.7560	0.6420	0.1970	0.2840	0.5290	0.6260

ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
mirex
imirsel

The Andrew W. Mellon Foundation
nema

MIREX 2015 Evaluation Results

J. Stephen Downie & IMIRSEL
University of Illinois at Urbana-Champaign
Email: jdownie@illinois.edu

Multi-F0 Estimation

SubID	Participants	Accuracy	
		MIREX Dataset	Su Dataset
BW1	Emmanouil Benetos, Tillman Weyde	0.654	0.354
CB1	Chris Cannam, Emmanouil Benetos, Matthias Mauch, Matthew E. P. Davies, Simon Dixon, Christian Landone, Katy Noland, and Dan Stowell	0.498	0.233
CB2	Chris Cannam, Emmanouil Benetos, Matthias Mauch, Matthew E. P. Davies, Simon Dixon, Christian Landone, Katy Noland, and Dan Stowell	0.420	0.237
SY1	Li Su, Yi-Hsuan Yang	0.588	0.390
SY2	Li Su, Yi-Hsuan Yang	0.584	0.375
SY3	Li Su, Yi-Hsuan Yang	0.571	0.369
SY4	Li Su, Yi-Hsuan Yang	0.567	0.359

Multi-F0 Note Tracking - Mixed Dataset

SubID	Participants	MIREX Dataset		Su Dataset	
		Avg. F-measure Onset Only	Avg. Overlap	Avg. F-measure Onset Only	Avg. Overlap
BW2	Emmanouil Benetos, Tillman Weyde	0.6013	0.8820	0.3190	0.7640
BW3	Emmanouil Benetos, Tillman Weyde	0.5413	0.8800	0.2855	0.7620
CB1	Chris Cannam, Emmanouil Benetos, Matthias Mauch, Matthew E. P. Davies, Simon Dixon, Christian Landone, Katy Noland, and Dan Stowell	0.5032	0.8650	0.2267	0.7520
CB2	Chris Cannam, Emmanouil Benetos, Matthias Mauch, Matthew E. P. Davies, Simon Dixon, Christian Landone, Katy Noland, and Dan Stowell	0.3737	0.8610	0.1572	0.8360
SY1	Li Su, Yi-Hsuan Yang	0.4786	0.8820	0.2338	0.7550
SY2	Li Su, Yi-Hsuan Yang	0.4605	0.8810	0.2278	0.8370
SY3	Li Su, Yi-Hsuan Yang	0.4616	0.8760	0.2248	0.8360
SY4	Li Su, Yi-Hsuan Yang	0.4552	0.8740	0.2223	0.8300

Multi-F0 Note Traking - Piano Only

SubID	Participants	MIREX Dataset		Su Dataset	
		Avg. F-measure Onset Only	Avg. Overlap	Avg. F-measure Onset Only	Avg. Overlap
BW2	Emmanouil Benetos, Tillman Weyde	0.6406	0.8380	0.5000	0.8470
BW3	Emmanouil Benetos, Tillman Weyde	0.6924	0.8100	0.4751	0.8440
CB1	Chris Cannam, Emmanouil Benetos, Matthias Mauch, Matthew E. P. Davies, Simon Dixon, Christian Landone, Katy Noland, and Dan Stowell	0.6667	0.8130	0.3582	0.8620
CB2	Chris Cannam, Emmanouil Benetos, Matthias Mauch, Matthew E. P. Davies, Simon Dixon, Christian Landone, Katy Noland, and Dan Stowell	0.4941	0.7960	0.2305	0.8220
SY1	Li Su, Yi-Hsuan Yang	0.4802	0.8090	0.3026	0.8370
SY2	Li Su, Yi-Hsuan Yang	0.4293	0.8140	0.2840	0.8310
SY3	Li Su, Yi-Hsuan Yang	0.5327	0.8150	0.2823	0.8430
SY4	Li Su, Yi-Hsuan Yang	0.4875	0.8140	0.2730	0.8350

Music/Speech Classification and Detection

SubID	Participants	Classification	Detection				
		Accuracy	Frame-based F-measure	eb_F_500ms	eb_Foff_500ms	eb_F_1s	eb_Foff_1s
GWDS1	Vikaskumar Ghodasara, Daimi Syed Naser, Shefali Waldekar, Goutam Saha	0.9866	-	-	-	-	-
JS2	Jan Schlüter	-	0.8233	0.1754	0.1212	0.2387	0.1639
JS3	Jan Schlüter	0.9946	-	-	-	-	-
MM1	Matija Marolt	0.9869	-	-	-	-	-
MM2	Matija Marolt	0.9754	-	-	-	-	-
MM3	Matija Marolt	-	0.8941	0.4037	0.2911	0.4419	0.3085
RHM1	Jimena Royo-Letelier, Romain Hennequin, Manuel Moussallam	0.9954	-	-	-	-	-
RS2	Reinhard Sonnleitner	0.9962	-	-	-	-	-
TL1 (15)	Thomas Lidy	0.9927	-	-	-	-	-
TL1 (80)	Thomas Lidy	0.9973	0.8849	0.2129	0.1129	0.2556	0.1498
UK1	Aiko Uemura, Jiro Katto	-	0.5483	0.0324	0.0037	0.0623	0.0070
ZC1	Chaogang Zhang, Chuan-Yi Chen	-	0.7517	0.2168	0.1956	0.2700	0.2101
ZC2	Chaogang Zhang, Chuan-Yi Chen	-	0.2079	0.0434	0.0434	0.0434	0.0434
ZC3	Chaogang Zhang, Chuan-Yi Chen	-	0.7517	0.2168	0.1956	0.2700	0.2101
ZC4	Chaogang Zhang, Chuan-Yi Chen	0.9429	0.7517	0.2168	0.1956	0.2700	0.2101
ZC5	Chaogang Zhang, Chuan-Yi Chen	0.9429	0.7517	0.2168	0.1956	0.2700	0.2101
ZY1	Wei-Qiang Zhang, Xu-Kui Yang	-	0.5104	0.1670	0.0874	0.2164	0.1177
TVDP1	Nikolaos Tsipas, Lazaros Vrysis, Charalampos Dimoulas, George Papanikolaou	-	0.8314	0.1490	0.1146	0.2233	0.1718
TVDP2	Nikolaos Tsipas, Lazaros Vrysis, Charalampos Dimoulas, George Papanikolaou	-	0.8346	0.1250	0.1231	0.2042	0.1741
TVDP3	Nikolaos Tsipas, Lazaros Vrysis, Charalampos Dimoulas, George Papanikolaou	-	0.8209	0.0699	0.0068	0.1299	0.0306
NT1	Nikolaos Tsipas, Lazaros Vrysis, Charalampos Dimoulas, George Papanikolaou	0.9835	-	-	-	-	-
NT2	Nikolaos Tsipas, Lazaros Vrysis, Charalampos Dimoulas, George Papanikolaou	0.9935	-	-	-	-	-
YZ1	Wei-Qiang Zhang, Xu-Kui Yang	0.9835	-	-	-	-	-

Special Thanks to:
The Andrew W. Mellon Founda tion, the National Science Foundation (Grant No. NSF IIS-0327371 and No. NSF IIS-0328471), task captains, IMIRSEL members (K. Choi, J. Downie, Y. Hao, C. Maden, P. Organisciak, B. Owen), the content providers, Evalutron graders, the MIR community, and the ISMIR 2015 organizing committee.