# MIREX Evaluation Results Poster 2

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## Audio Classical Composer Identification

| Rank | Participant | Accuracy |
|---|---|---|
| 1 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (2) (true, rca) | 62.05% |
| 2 | Cao & Li (1) | 60.97% |
| 3 | Cao & Li (2) | 60.03% |
| 4 | Xu, Zhen & Zheng (RUC_2) | 57.18% |
| 5 | Wang (1) | 56.35% |
| 6 | Burred & Peeters (1) | 55.66% |
| 7 | Grecu, Lidy & Rauber (1) (full) | 55.34% |
| 8 | Burred & Peeters (2) | 54.76% |
| 9 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (1) (false, rca) | 54.73% |
| 10 | Liu, Zheng & Gao (RUC_1) | 54.40% |
| 11 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (1) (WMV) | 53.57% |
| 11 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (2) (BWWV) | 53.57% |
| 12 | Xu, Liu, Zheng, Zhen & Gao (RUC_1) | 53.54% |
| 13 | Wang (2) | 53.10% |
| 14 | Seyerlehner & Schedl | 52.56% |
| 15 | Tzanetakis (2) (stereo) | 51.48% |
| 16 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (6) (true, svm) | 50.36% |
| 17 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (5) (false, svm) | 49.75% |
| 18 | Peeters | 48.85% |
| 19 | Rao & Kini (1) | 48.41% |
| 20 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (4) (true, simca) | 48.20% |
| 21 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (3) (false, simca) | 48.12% |
| 22 | Grecu, Lidy & Rauber (2) (template) | 45.92% |
| 23 | Tsunoo, Tzanetakis, Ono & Sagayama | 44.37% |
| 24 | Tzanetakis (1) (mono) | 43.69% |
| 25 | Hasegawa, Nishimoto, Ono & Sagayama (1) (tcca) | 43.33% |
| 26 | Hasegawa, Nishimoto, Ono & Sagayama (3) (tcc1) | 42.24% |
| 27 | Anonymous | 41.77% |
| 28 | Hasegawa, Nishimoto, Ono & Sagayama (4) (tcpk) | 29.04% |
| 29 | Hasegawa, Nishimoto, Ono & Sagayama (2) (tcck) | 15.84% |

## Audio Genre Classification (Latin Set)

| Rank | Participant | Accuracy |
|---|---|---|
| 1 | Cao & Li (1) | 74.66% |
| 2 | Cao & Li (2) | 73.58% |
| 3 | Burred & Peeters (1) | 67.31% |
| 4 | Seyerlehner & Schedl | 64.69% |
| 5 | Burred & Peeters (2) | 63.52% |
| 6 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (6) (true, svm) | 63.16% |
| 7 | Grecu, Lidy & Rauber (1) (full) | 62.79% |
| 8 | Peeters | 62.63% |
| 9 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (2) (true, rca) | 62.39% |
| 10 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (1) (false, rca) | 61.68% |
| 11 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (5) (false, svm) | 61.14% |
| 12 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (1) (WMV) | 58.37% |
| 13 | Rao & Kini (1) | 57.11% |
| 14 | Hasegawa, Nishimoto, Ono & Sagayama (1) (tcca) | 56.32% |
| 15 | Hasegawa, Nishimoto, Ono & Sagayama (3) (tcc1) | 56.22% |
| 16 | Liu, Zheng & Gao (RUC_1) | 55.96% |
| 17 | Xu, Liu, Zheng, Zhen & Gao (RUC_1) | 55.25% |
| 17 | Xu, Zhen & Zheng (RUC_2) | 55.25% |
| 18 | Ren, Chen & Jang (4) | 55.22% |
| 19 | Wang (1) | 54.72% |
| 20 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (2) (BWWV) | 54.49% |
| 21 | Tsunoo, Tzanetakis, Ono & Sagayama | 53.70% |
| 22 | Tzanetakis (2) (stereo) | 52.82% |
| 23 | Ren, Chen & Jang (2) | 52.43% |
| 24 | Wang (2) | 52.28% |
| 25 | Grecu, Lidy & Rauber (2) (template) | 49.84% |
| 26 | Tzanetakis (1) (mono) | 49.75% |
| 27 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (4) (true, simca) | 47.79% |
| 28 | Ren, Chen & Jang (3) | 46.78% |
| 29 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (3) (false, simca) | 45.80% |
| 30 | Ren, Chen & Jang (1) | 38.93% |
| 31 | Anonymous | 38.87% |
| 32 | Hasegawa, Nishimoto, Ono & Sagayama (4) (tcpk) | 30.05% |

## Audio Genre Classification (Mixed Set)

| Rank | Participant | Accuracy |
|---|---|---|
| 1 | Cao & Li (2) | 73.33% |
| 2 | Cao & Li (1) | 73.23% |
| 3 | Grecu, Lidy & Rauber (1) (full) | 71.23% |
| 4 | Burred & Peeters (1) | 70.63% |
| 5 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (5) (false, svm) | 70.44% |
| 6 | Xu, Zhen & Zheng (RUC_2) | 69.36% |
| 7 | Xu, Liu, Zheng, Zhen & Gao (RUC_1) | 68.93% |
| 8 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (1) (WMV) | 68.84% |
| 9 | Burred & Peeters (2) | 68.51% |
| 10 | Liu, Zheng & Gao (RUC_1) | 68.29% |
| 11 | Tsunoo, Tzanetakis, Ono & Sagayama | 67.89% |
| 12 | Tzanetakis (2) (stereo) | 67.87% |
| 13 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (2) (BWWV) | 67.39% |
| 14 | Seyerlehner & Schedl | 66.60% |
| 15 | Wang (1) | 65.99% |
| 16 | Wang (2) | 65.31% |
| 17 | Tzanetakis (1) (mono) | 65.10% |
| 18 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (1) (false, rca) | 64.79% |
| 19 | Hasegawa, Nishimoto, Ono & Sagayama (1) (tcca) | 64.47% |
| 20 | Hasegawa, Nishimoto, Ono & Sagayama (3) (tcc1) | 64.34% |
| 21 | Peeters | 64.24% |
| 22 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (3) (false, simca) | 64.06% |
| 23 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (4) (true, simca) | 64.00% |
| 24 | Rao & Kini (1) | 61.41% |
| 25 | Anonymous | 60.50% |
| 26 | Grecu, Lidy & Rauber (2) (template) | 60.14% |
| 27 | Ren, Chen & Jang (4) | 50.99% |
| 28 | Hasegawa, Nishimoto, Ono & Sagayama (4) (tcpk) | 45.16% |
| 29 | Ren, Chen & Jang (3) | 37.71% |
| 30 | Ren, Chen & Jang (1) | 32.50% |
| 31 | Hasegawa, Nishimoto, Ono & Sagayama (2) (tcck) | 20.90% |

## Audio Mood Classification

| Rank | Participant | Accuracy |
|---|---|---|
| 1 | Cao & Li (1) | 65.67% |
| 2 | Cao & Li (2) | 65.50% |
| 3 | Peeters | 63.67% |
| 4 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (5) (false, svm) | 62.83% |
| 5 | Wang (2) | 61.67% |
| 5 | Liu, Zheng & Gao (RUC_1) | 61.67% |
| 6 | Wang (1) | 61.33% |
| 7 | Grecu, Lidy & Rauber (1) (full) | 60.83% |
| 8 | Feng, Chen & Yang (1) | 60.33% |
| 9 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (2) (BWWV) | 60.17% |
| 10 | Xu, Zhen & Zheng (RUC_2) | 60.00% |
| 11 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (3) (false, simca) | 59.83% |
| 12 | Burred & Peeters (2) | 59.67% |
| 13 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (6) (true, svm) | 59.50% |
| 14 | Tzanetakis (1) (mono) | 59.33% |
| 14 | Lidy, Grecu, Rauber, Pertusa, Léon & Iñesta (1) (WMV) | 59.33% |
| 14 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (4) (true, simca) | 59.33% |
| 15 | Seyerlehner & Schedl | 58.83% |
| 16 | Hasegawa, Nishimoto, Ono & Sagayama (1) (tcca) | 58.67% |
| 16 | Hasegawa, Nishimoto, Ono & Sagayama (3) (tcc1) | 58.67% |
| 17 | Feng, Chen & Yang (2) | 58.33% |
| 18 | Burred & Peeters (1) | 58.17% |
| 19 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (1) (false, rca) | 57.67% |
| 20 | Wack, Guaus, Laurier, Meyers, Marxer, Bogdanov, Serrà & Herrera (2) (true, rca) | 57.50% |
| 21 | Xu, Liu, Zheng, Zhen & Gao (RUC_1) | 57.00% |
| 22 | Tzanetakis (2) (stereo) | 56.83% |
| 22 | Tsunoo, Akase, Ono & Sagayama | 56.83% |
| 23 | Rao & Kini (1) | 53.17% |
| 24 | Grecu, Lidy & Rauber (2) (template) | 53.00% |
| 25 | Hasegawa, Nishimoto, Ono & Sagayama (4) (tcpk) | 51.17% |
| 26 | Anonymous | 50.67% |
| 27 | Rao & Kini (2) | 41.33% |
| 28 | Hasegawa, Nishimoto, Ono & Sagayama (2) (tcck) | 34.67% |

## Audio Tag Classification (Major Minor)

| Rank | Participant | F-Measure (Tag) | AUC-ROC (Tag) |
|---|---|---|---|
| 1 | Lo, Wang & Wang (2) | 0.311 | 0.807 |
| 2 | Tzanetakis (2) | 0.293 | 0.786 |
| 3 | Burred & Peeters (2) | 0.290 | 0.761 |
| 3 | Tzanetakis (1) | 0.290 | 0.784 |
| 4 | Lo, Wang & Wang (1) | 0.289 | 0.782 |
| 5 | Burred & Peeters (1) | 0.277 | 0.742 |
| 6 | Cao & Li (4) | 0.263 | 0.749 |
| 7 | Cao & Li (2) | 0.241 | 0.791 |
| 8 | Cao & Li (1) | 0.209 | 0.762 |
| 9 | Cao & Li (3) | 0.170 | 0.721 |
| 10 | Hoffman, Blei & Cook | 0.044 | 0.736 |
| 11 | Peeters | 0.012 | — |

## Audio Tag Classification (Mood Set)

| Rank | Participant | F-Measure (Tag) | AUC-ROC (Tag) |
|---|---|---|---|
| 1 | Lo, Wang & Wang (2) | 0.219 | 0.701 |
| 2 | Tzanetakis (1) | 0.211 | 0.649 |
| 3 | Tzanetakis (2) | 0.209 | 0.655 |
| 4 | Lo, Wang & Wang (1) | 0.204 | 0.667 |
| 5 | Burred & Peeters (1) | 0.195 | 0.648 |
| 6 | Burred & Peeters (2) | 0.193 | 0.632 |
| 7 | Cao & Li (4) | 0.183 | 0.646 |
| 8 | Cao & Li (2) | 0.180 | 0.681 |
| 9 | Cao & Li (1) | 0.172 | 0.652 |
| 10 | Cao & Li (3) | 0.147 | 0.629 |
| 11 | Peeters | 0.084 | — |
| 12 | Hoffman, Blei & Cook | 0.063 | 0.664 |

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