## 音乐分类测试结果

1 0

1 TP=51 FN=50 AP=102

0 FP=68 TN-86 AN=154

PP=119 PN=136

1. 机器生成曲：

|  |  |
| --- | --- |
| 歌曲名称 | 正确率 |
| 1-17.mp3 | 0.3333 |
| 1-56.mp3 | 0.3333 |
| 1-6.mp3 | 0.3333 |
| 302.mp3 | 0.4 |
| 1-72.mp3 | 0.4285 |
| 1-9.mp3 | 0.4444 |
| 19.mp3 | 0.5 |
| 1-36.mp3 | 0.6667 |
| 1-4.mp3 | 0.6667 |
| 1-58.mp3 | 0.75 |
| 35.mp3 | 0.8 |
| 1-2.mp3 | 1 |
| 1-3.mp3 | 1 |

|  |  |
| --- | --- |
| 名称 | 正确率 |
| 1-6.mp3 | 0.2857 |
| 1-17.mp3 | 0.2857 |
| 302.mp3 | 0.3333 |
| 19.mp3 | 0.3333 |
| 1-9.mp3 | 0.5 |
| 1-56.mp3 | 0.5 |
| 1-72.mp3 | 0.5556 |
| 1-36.mp3 | 0.6667 |
| 35.mp3 | 0.7143 |
| 1-58.mp3 | 0.7143 |
| 1-4.mp3 | 0.75 |
| 1-2.mp3 | 0.8571 |
| 1-3.mp3 | 1 |

高手正确率：0.557377049 普通人0.558441558

节奏固定，速度适中的曲子容易被判定为机器生成，节奏变化较多的容易被判定成人类作曲。

如 1-17 、1-56、1-6 分别都是速度很快或者速度很慢的曲子

1. 人类作曲：

高手正确率0.511627907

|  |  |
| --- | --- |
| 名称 | 正确率 |
| all\_of\_me\_part1\_subpart2\_1to8.mp3 | 0 |
| BK\_theme\_part2\_subpart2\_1to22.mp3 | 0 |
| Dancing\_in\_the\_Forest\_part1\_part1\_1to5.mp3 | 0 |
| WhatIveDone\_part1\_subpart1\_1to10.mp3 | 0 |
| Love\_Story\_part1\_subpart2\_1to34.mp3 | 0.333333 |
| Lazy\_Afternoon\_-\_a\_little\_bit\_of\_Ragtime\_part1\_subpart2\_1to8.mp3 | 0.571429 |
| Radioactive\_part1\_subpart1\_1to12.mp3 | 0.571429 |
| Etude\_per\_un\_amico\_part1\_part1\_21to28.mp3 | 0.714286 |
| Scena\_Invernale\_part1\_subpart1\_9to24.mp3 | 1 |
| Sonata\_in\_G\_Major\_part1\_subpart2\_1to6.mp3 | 1 |

普通人正确率0.480769

|  |  |
| --- | --- |
| WhatIveDone\_part1\_subpart1\_1to10.mp3 | 0 |
| BK\_theme\_part2\_subpart2\_1to22.mp3 | 0 |
| all\_of\_me\_part1\_subpart2\_1to8.mp3 | 0 |
| Dancing\_in\_the\_Forest\_part1\_part1\_1to5.mp3 | 0 |
| Love\_Story\_part1\_subpart2\_1to34.mp3 | 0.33333 |
| Etude\_per\_un\_amico\_part1\_part1\_21to28.mp3 | 0.5 |
| Lazy\_Afternoon\_-\_a\_little\_bit\_of\_Ragtime\_part1\_subpart2\_1to8.mp3 | 0.625 |
| Radioactive\_part1\_subpart1\_1to12.mp3 | 0.625 |
| Scena\_Invernale\_part1\_subpart1\_9to24.mp3 | 0.83333 |
| Sonata\_in\_G\_Major\_part1\_subpart2\_1to6.mp3 | 1 |

大调容易被判断成人类作曲，小调和最后有空白的音乐容易被判断成机器作曲

all\_of\_me\_part1\_subpart2\_1to8.mp3 一个小节后从大调变成小调

WhatIveDone\_part1\_subpart1\_1to10.mp3 是小调

上面两首末尾有明显停顿

BK\_theme\_part2\_subpart2\_1to22.mp3 整体听起来很奇怪

Dancing\_in\_the\_Forest\_part1\_part1\_1to5.mp3 比较单调

所以容易被判断成机器作曲

测过之后的评价，正确率较高的人表示自己是瞎蒙的。正确率较低的人评价是自以为很简单。