Out[3]:

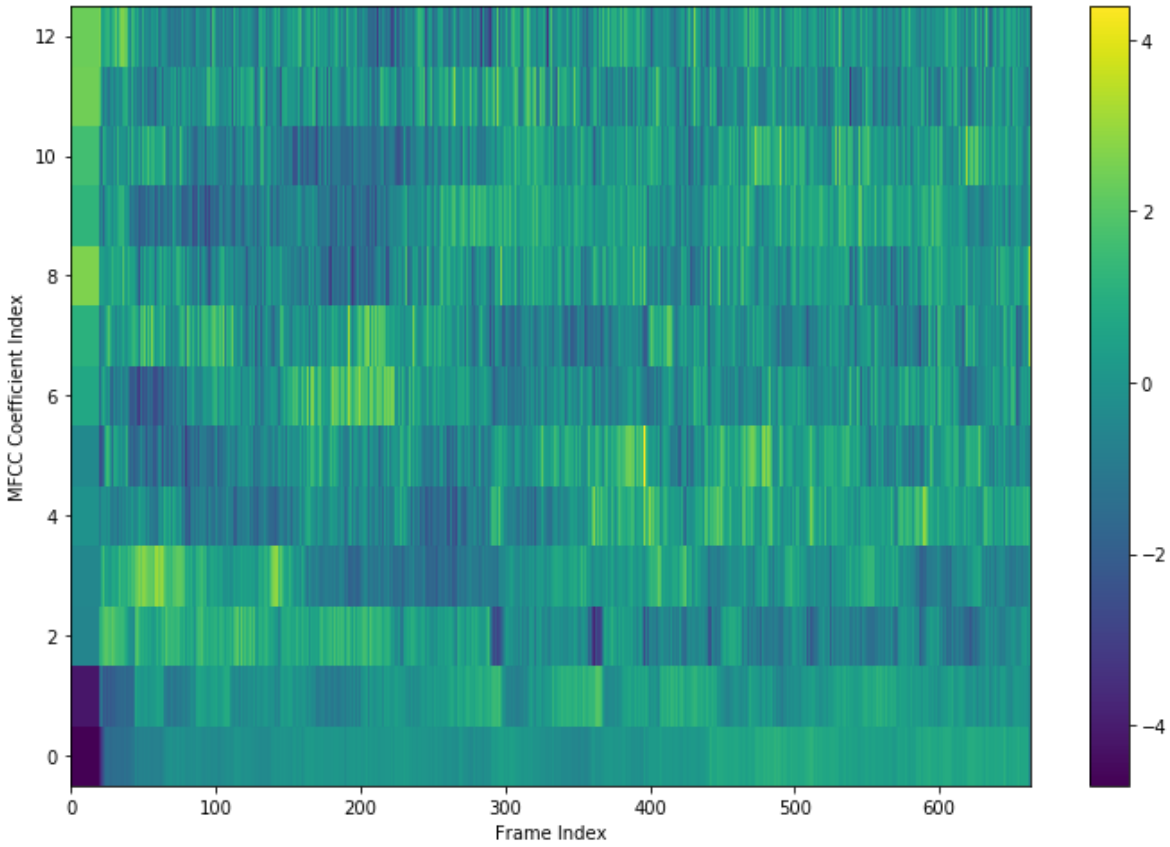
Click here to toggle on/off the raw code.

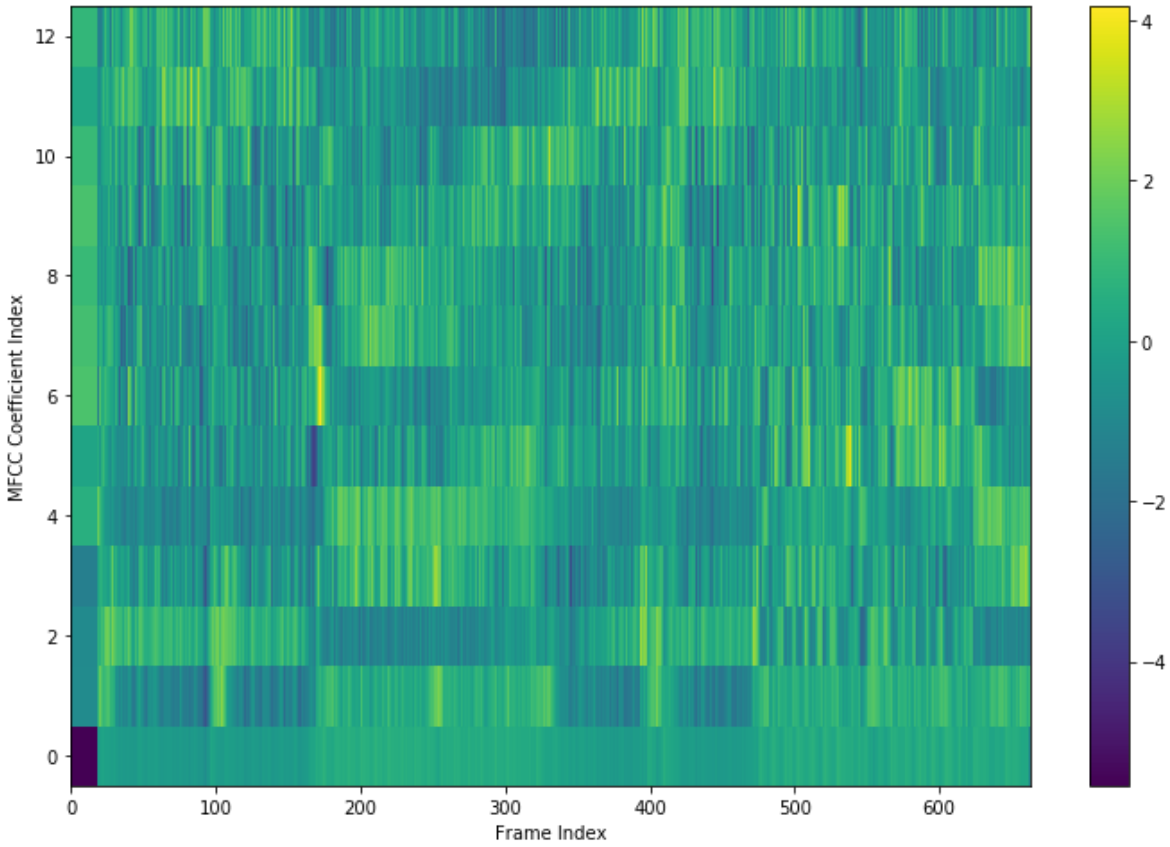
```
Song 1:
In Flames - Behind Space 99 Anders Friden.mp3
Song 2:
In Flames - Behind Space Stanne Mikkels.mp3
```

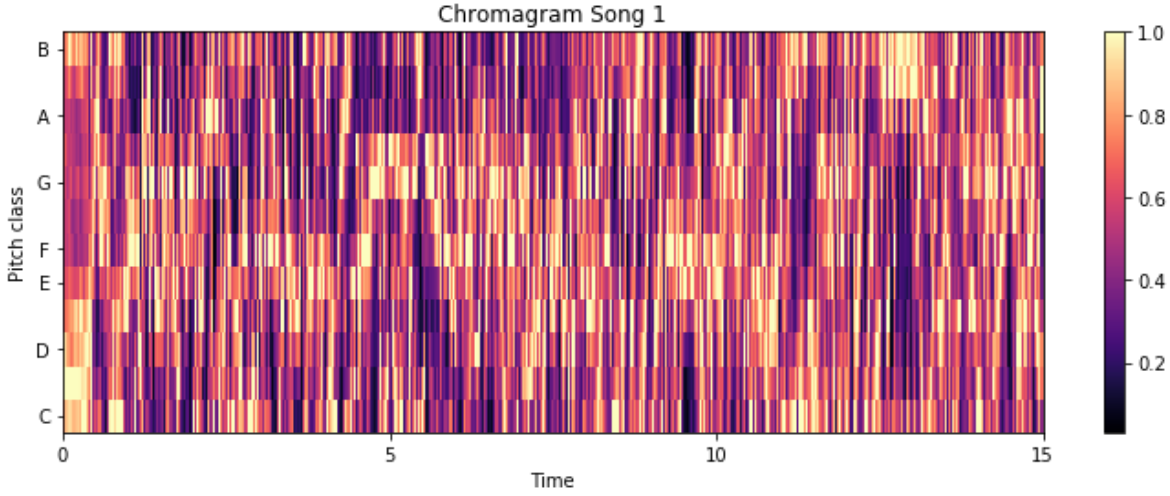
```
(663, 13)
(663, 13)
```

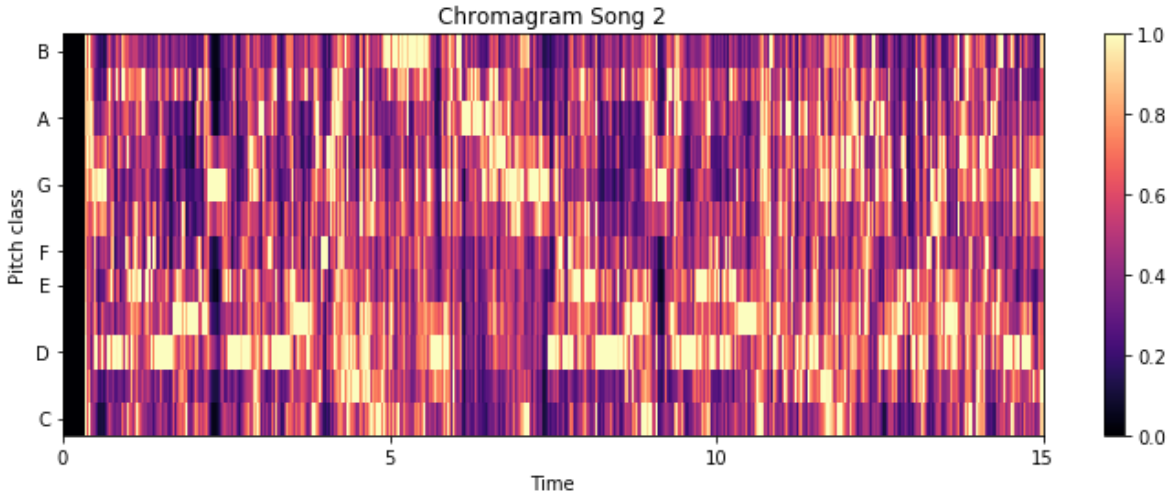
Out[10]:

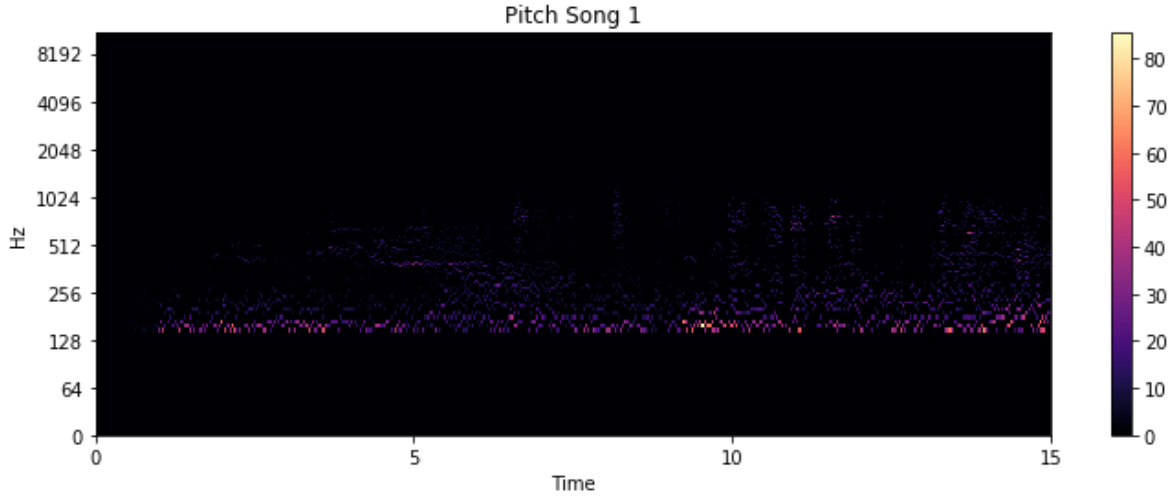
```
<matplotlib.colorbar.Colorbar at 0x7f5e84afb790>
```

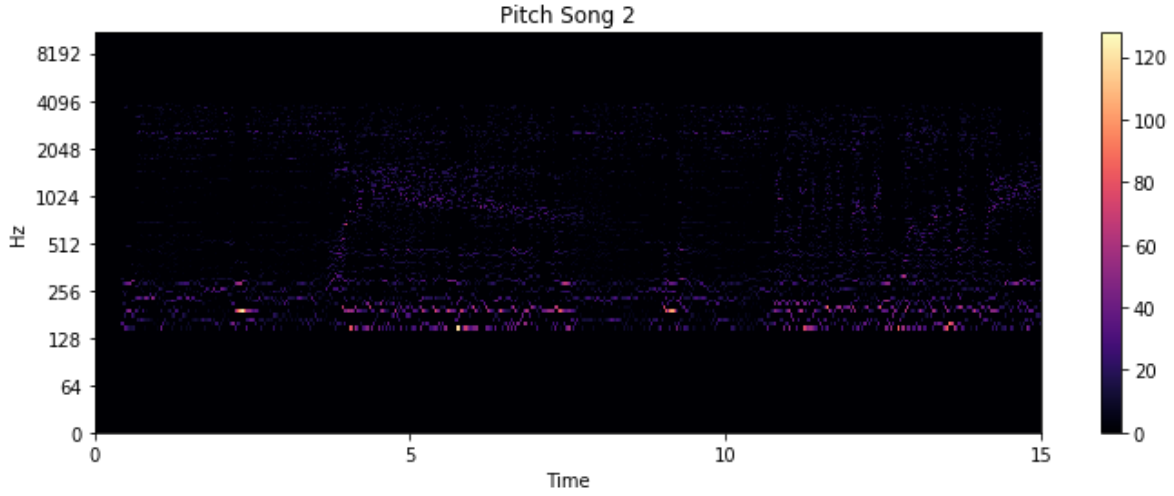


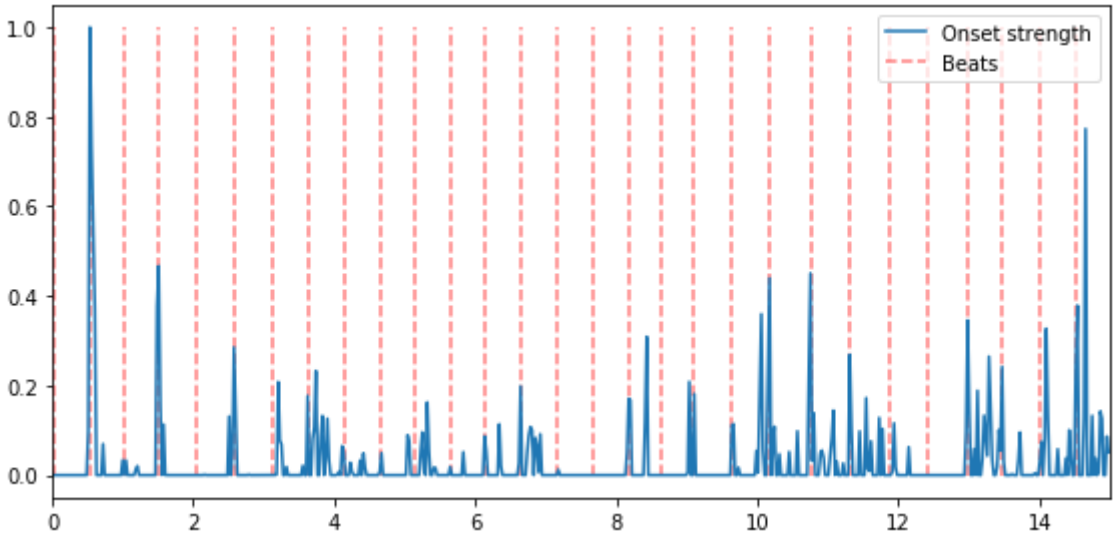


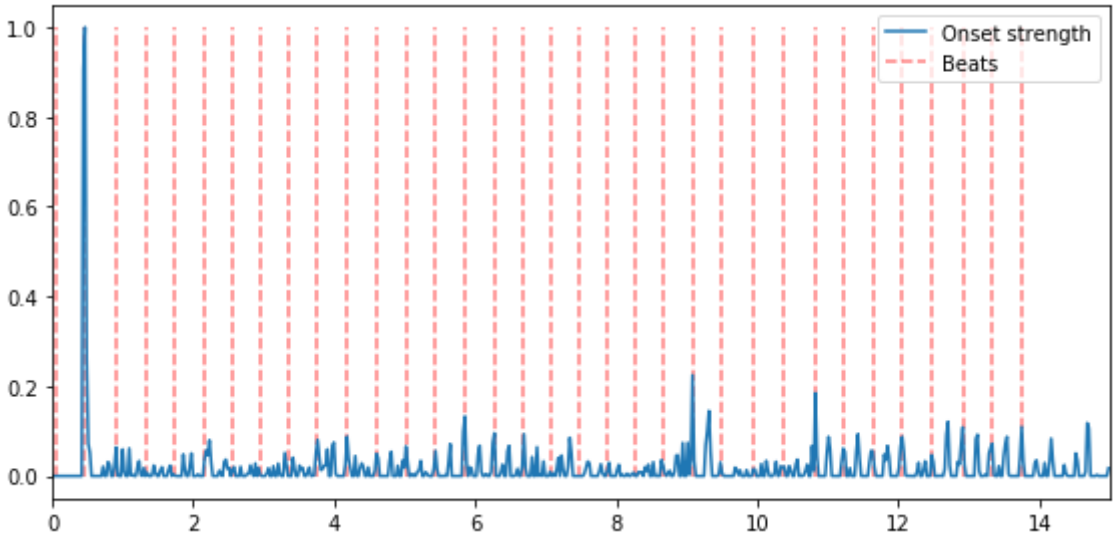

Chromagram Song 1
Pitch class
B
A
G
F
E
D
C
0
5
10
15
Time
1.0
0.8
0.6
0.4
0.2


Chromagram Song 2
Pitch class
B
A
G
F
E
D
C
0
5
10
15
Time
1.0
0.8
0.6
0.4
0.2
0.0

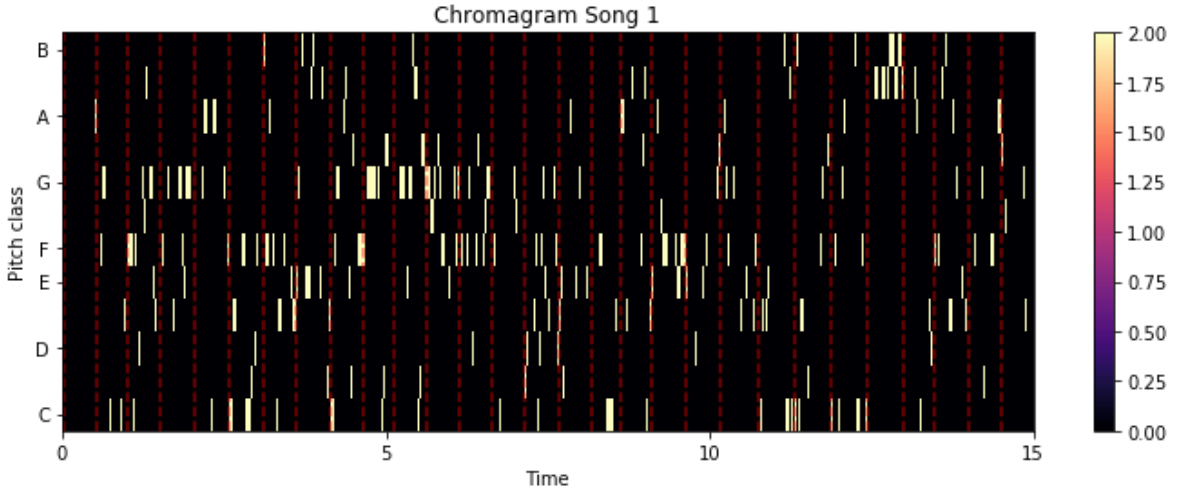

Pitch Song 1
8192
4096
2048
1024
512
256
128
64
0
Hz
0
5
10
15
Time
80
70
60
50
40
30
20
10
0

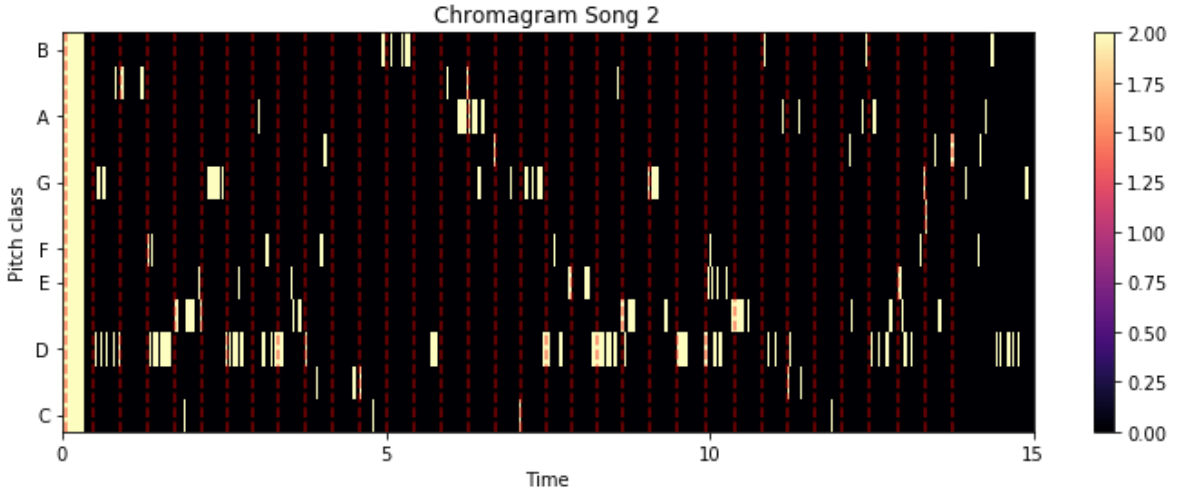

Pitch Song 2
8192
4096
2048
1024
512
256
128
64
0
Hz
0
5
10
15
Time
120
100
80
60
40
20
0

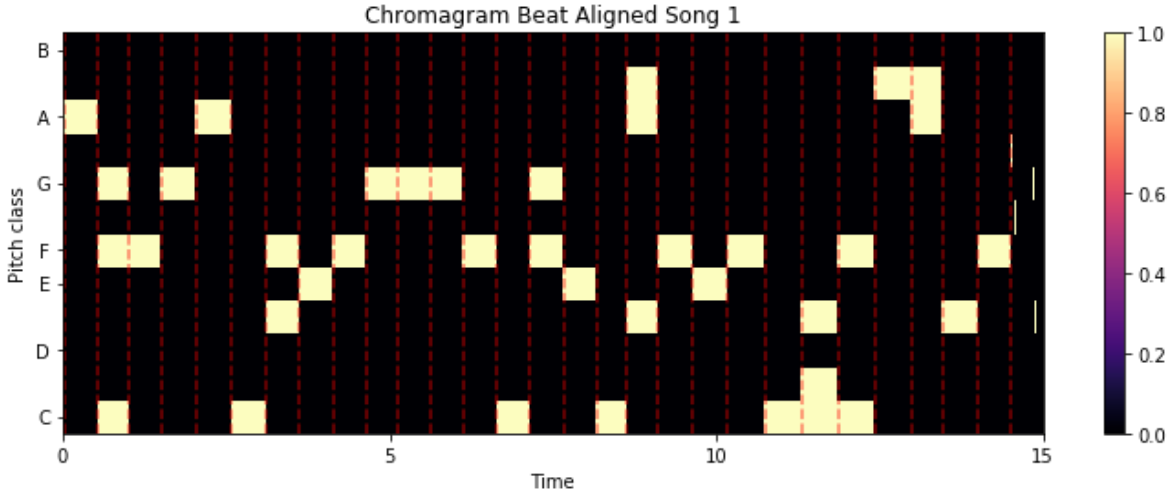

Onset strength
Beats
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
14

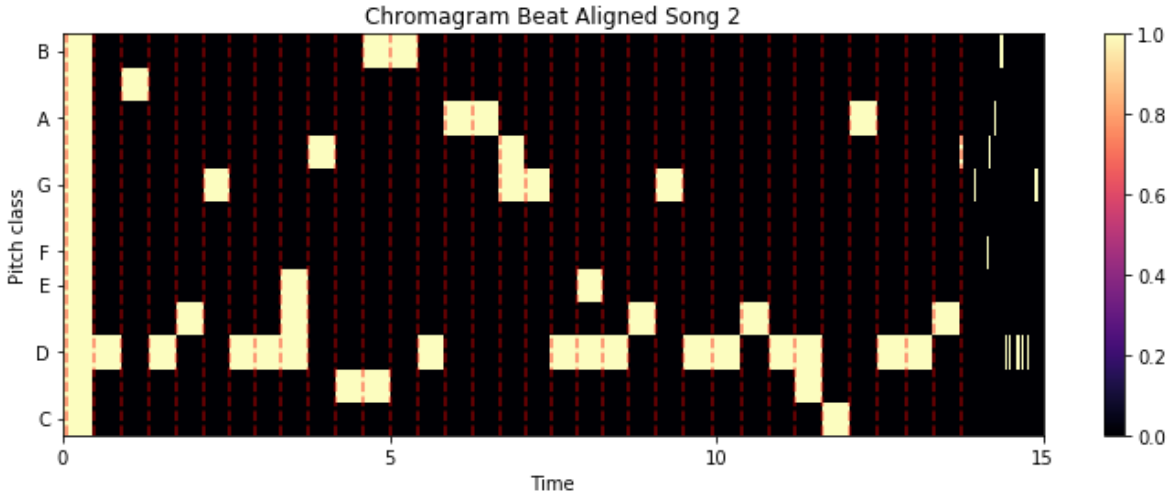

Onset strength
Beats
1.0
0.8
0.6
0.4
0.2
0.0
0
2
4
6
8
10
12
14

```
12
646
646
12
6.993429788512175
12
646
646
12
6.594868600806316
```






Chromagram Beat Aligned Song 1
Pitch class
B
A
G
F
E
D
C
0
5
10
15
Time
1.0
0.8
0.6
0.4
0.2
0.0


Chromagram Beat Aligned Song 2
Pitch class
B
A
G
F
E
D
C
0
5
10
15
Time
1.0
0.8
0.6
0.4
0.2
0.0