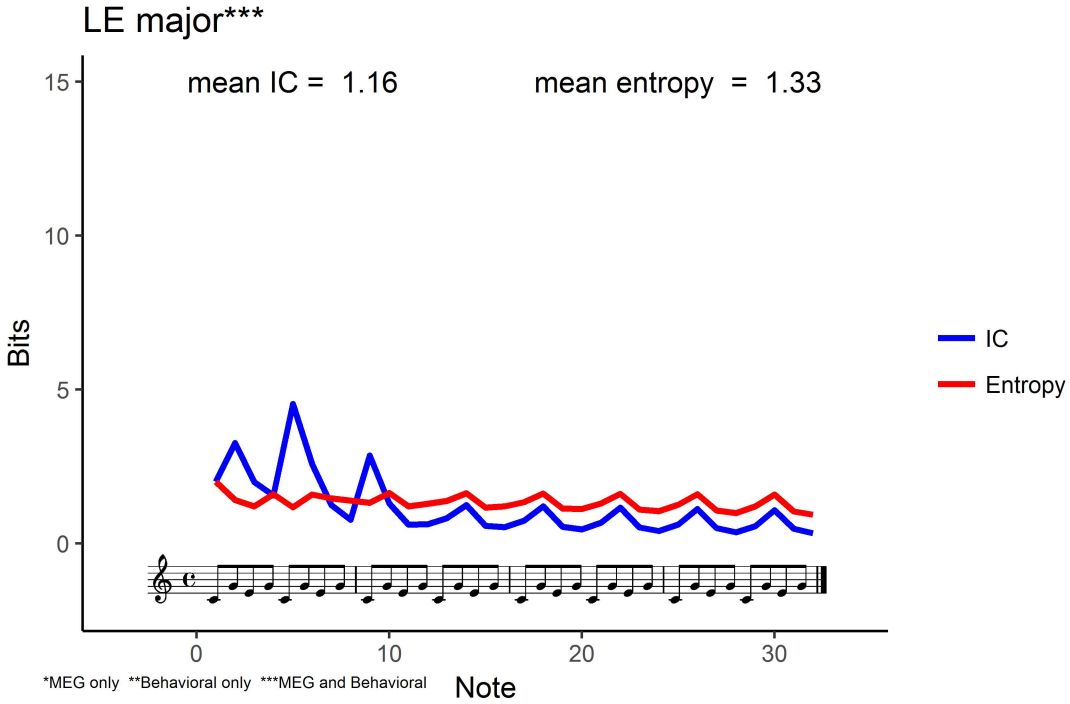
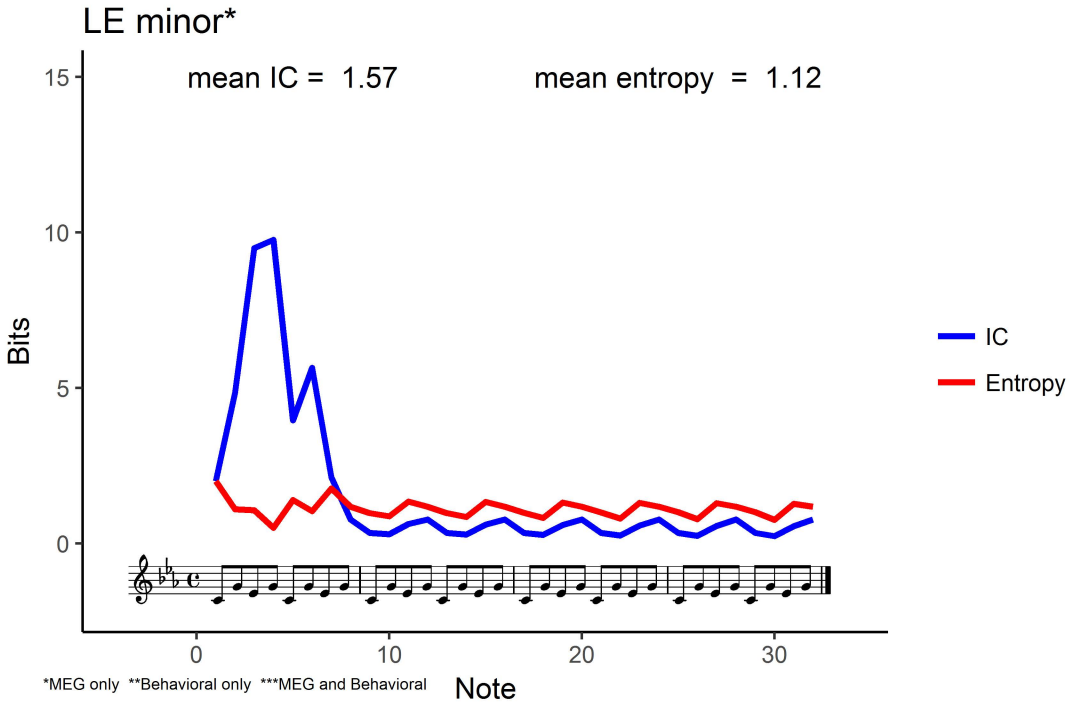
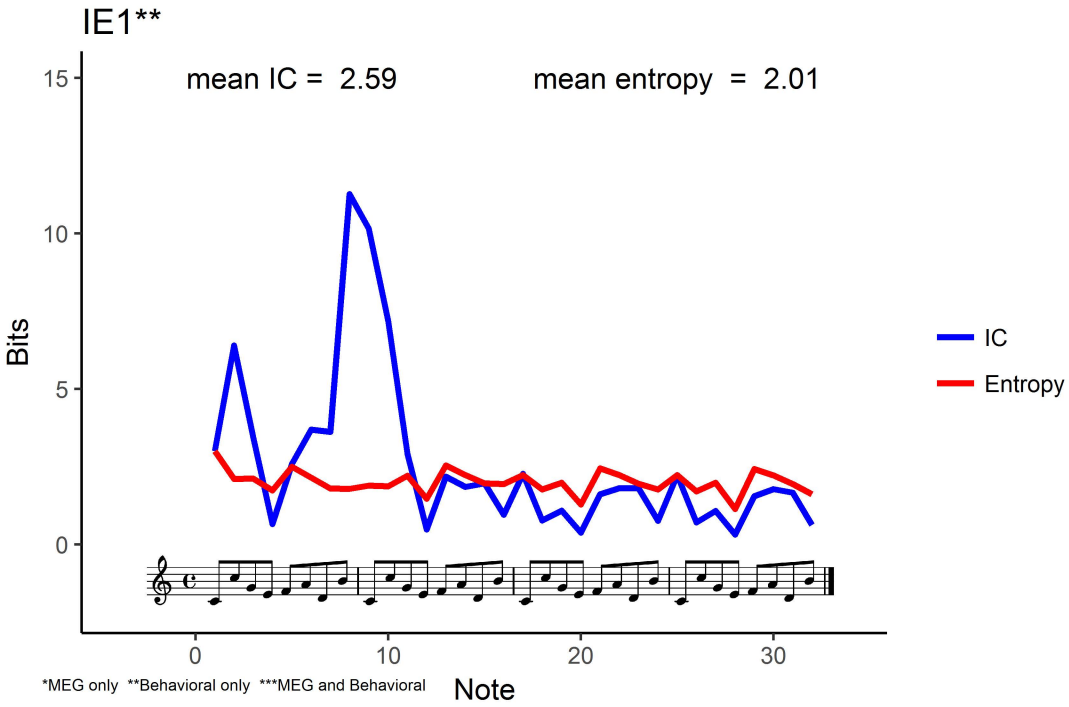
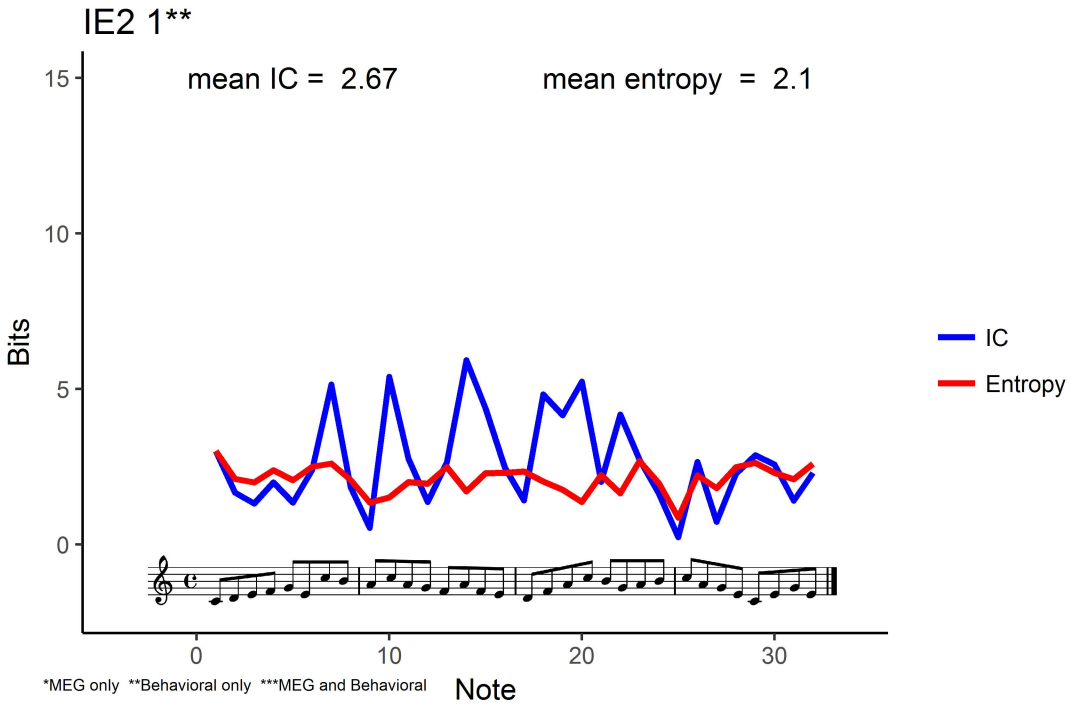
Supplementary materials 1

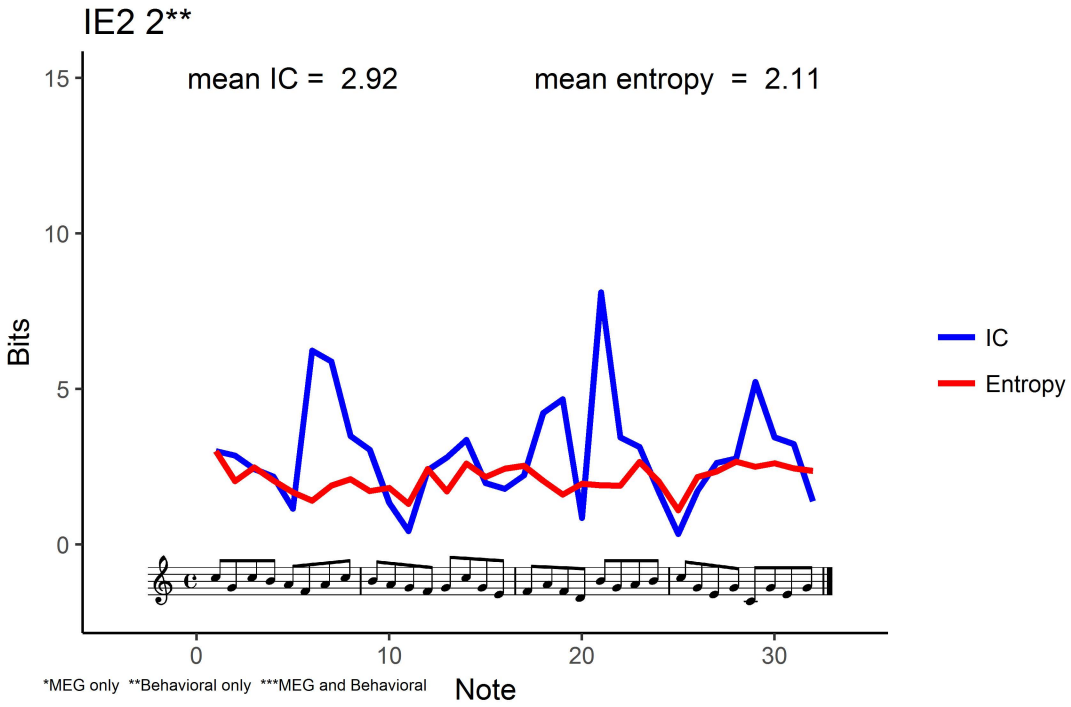
Stimuli used in the experiments and their corresponding Entropy and Information Content Profiles. Asterisks indicate the experiment in which they were used.

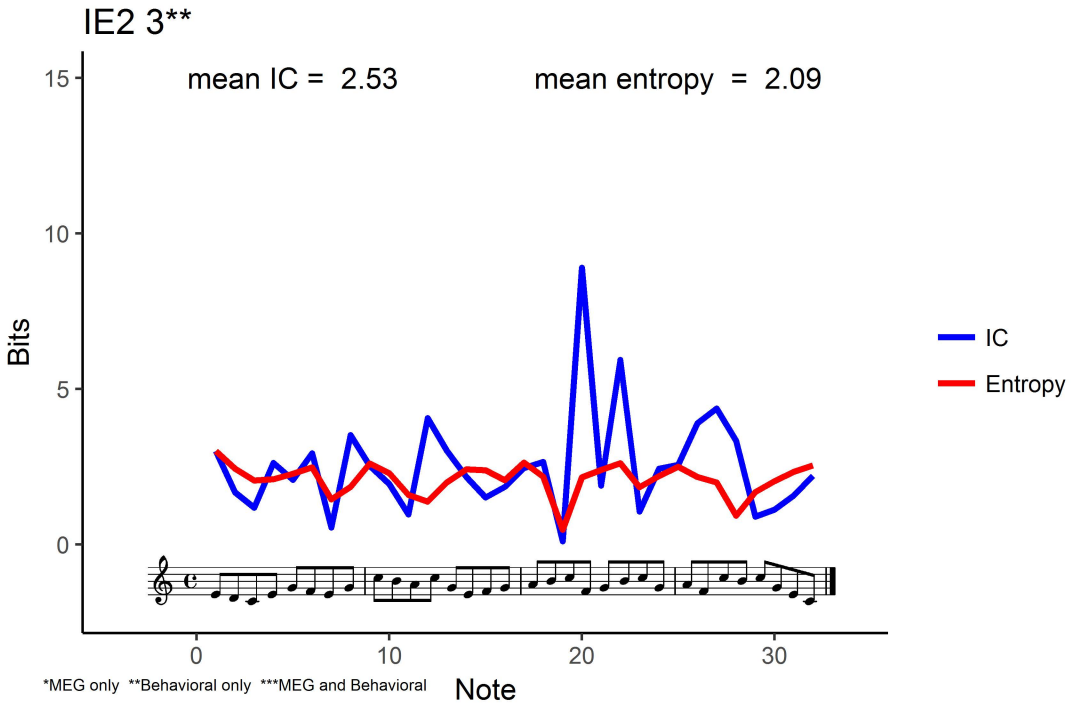

LE major***
mean IC = 1.16
mean entropy = 1.33
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

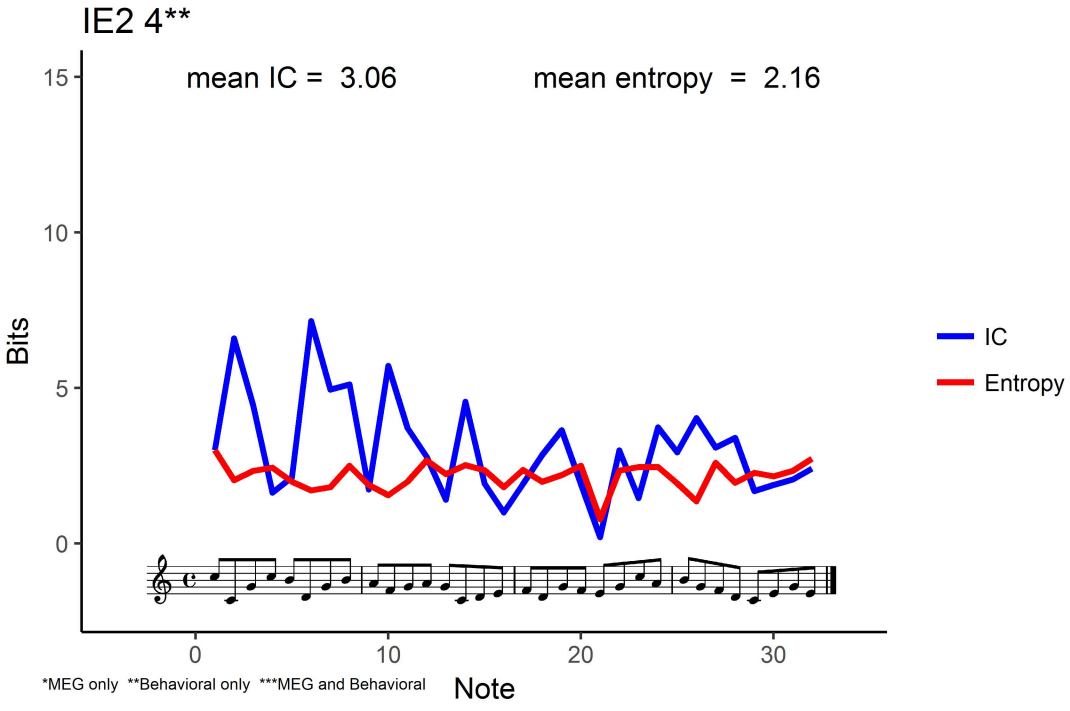

LE minor*
mean IC = 1.57
mean entropy = 1.12
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral

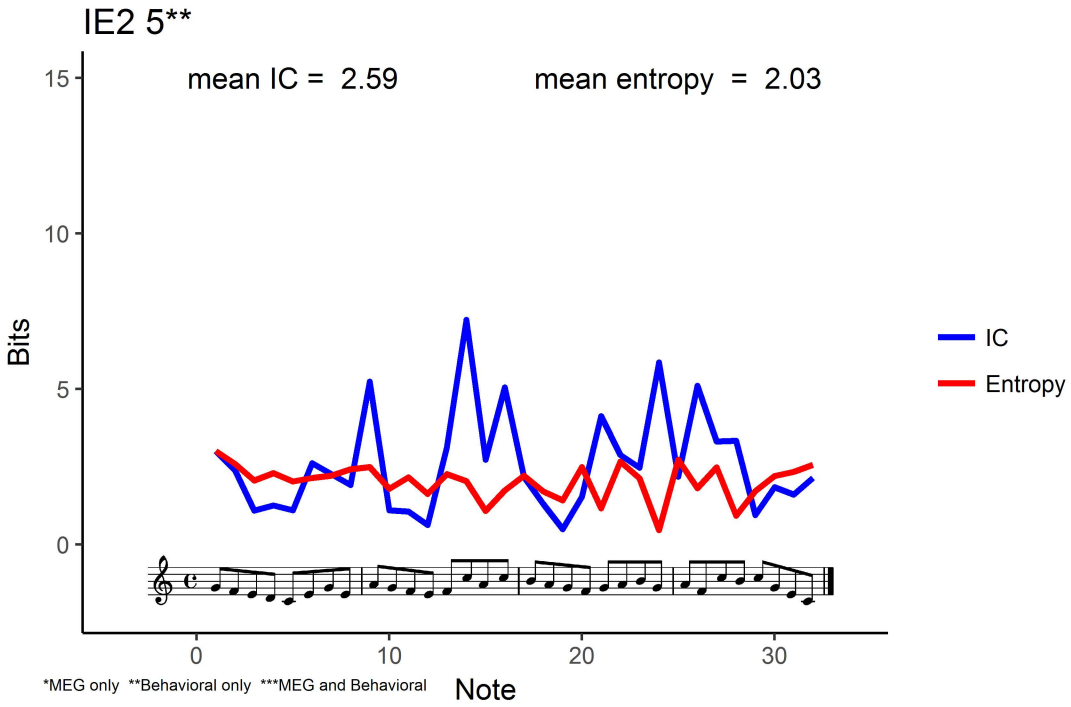

IE1**
mean IC = 2.59
mean entropy = 2.01
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral

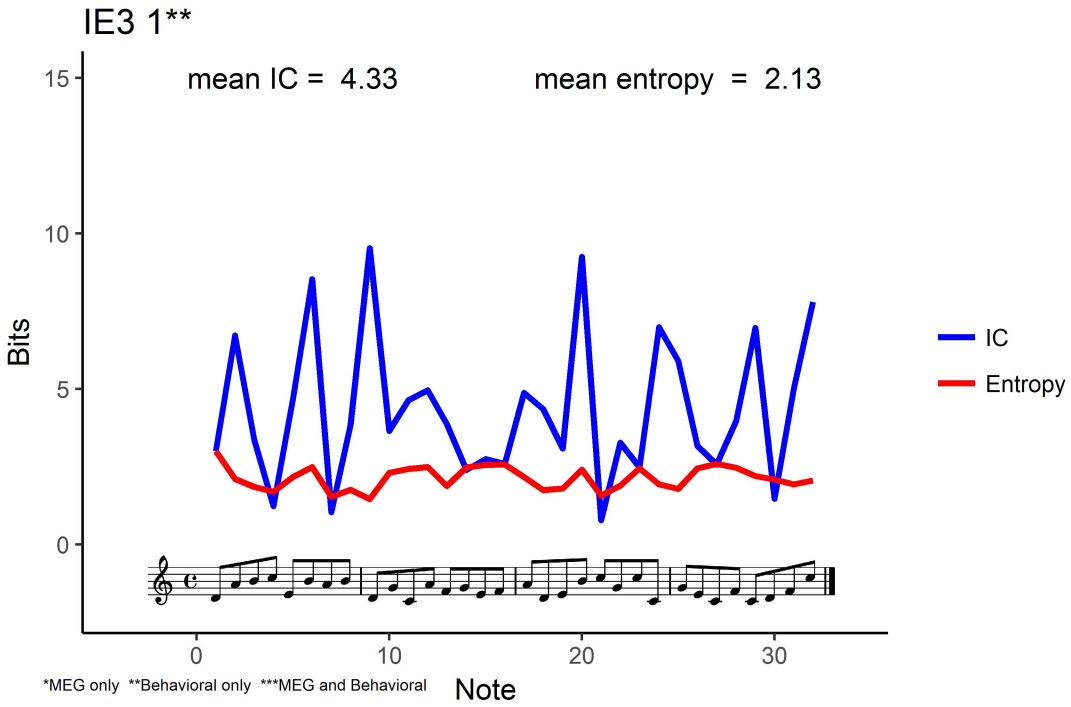

IE2 1**
mean IC = 2.67
mean entropy = 2.1
15
10
5
0
Bits
IC
Entropy
0
10
20
30
*MEG only **Behavioral only ***MEG and Behavioral
Note

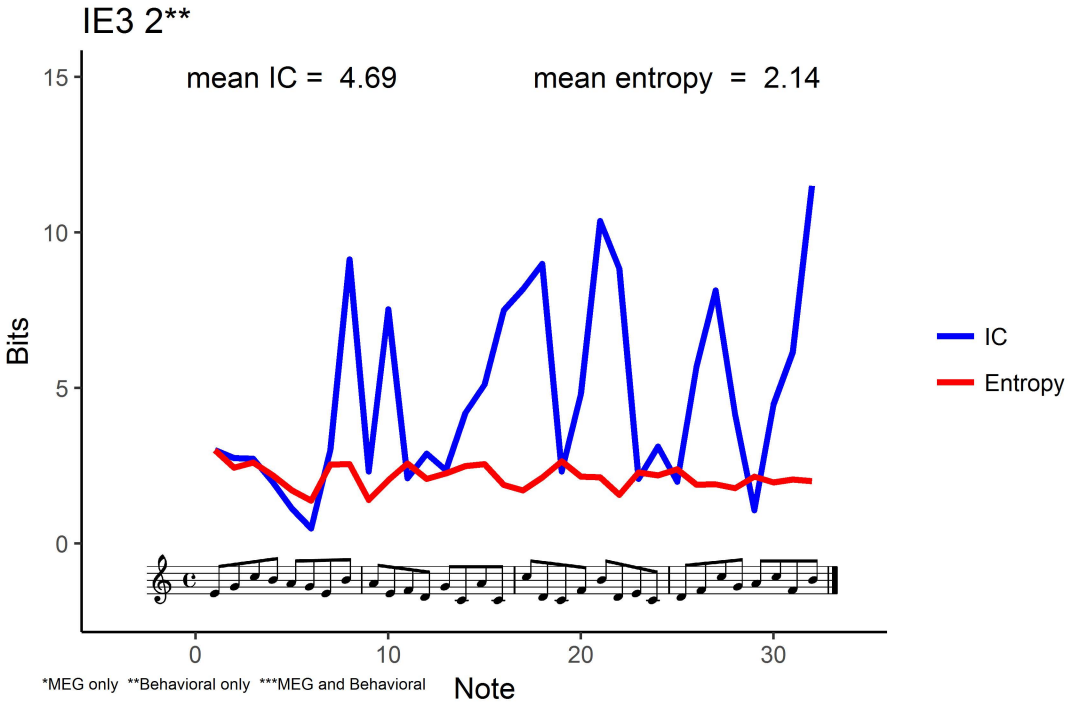

IE2 2**
mean IC = 2.92
mean entropy = 2.11
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral

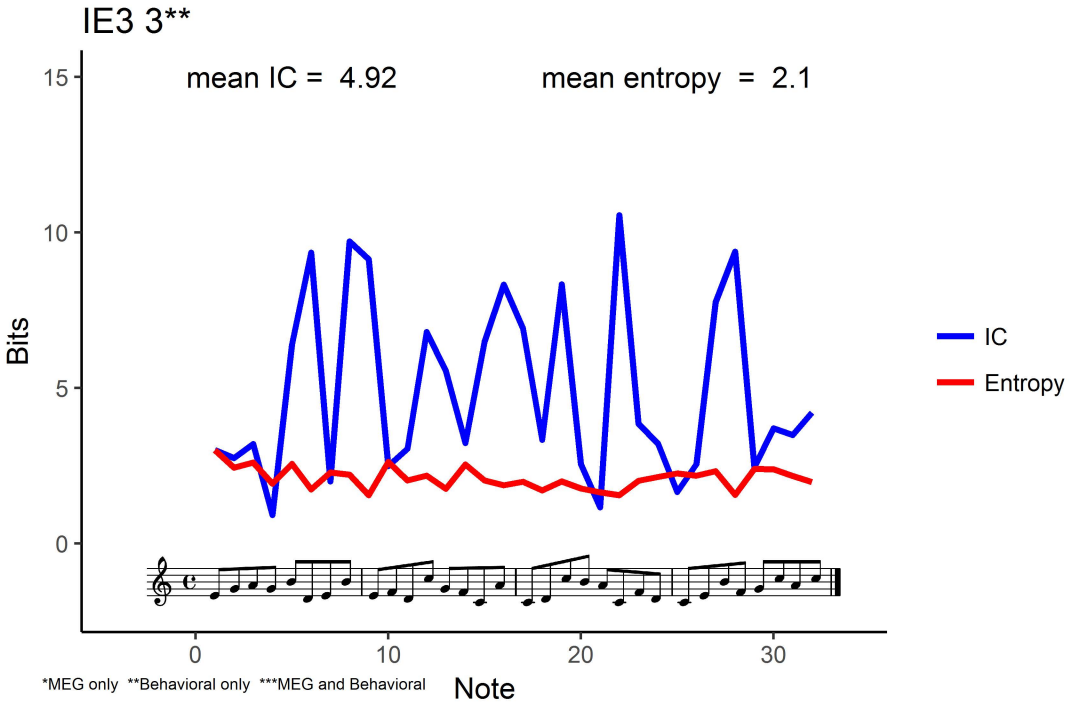

IE2 3**
mean IC = 2.53
mean entropy = 2.09
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

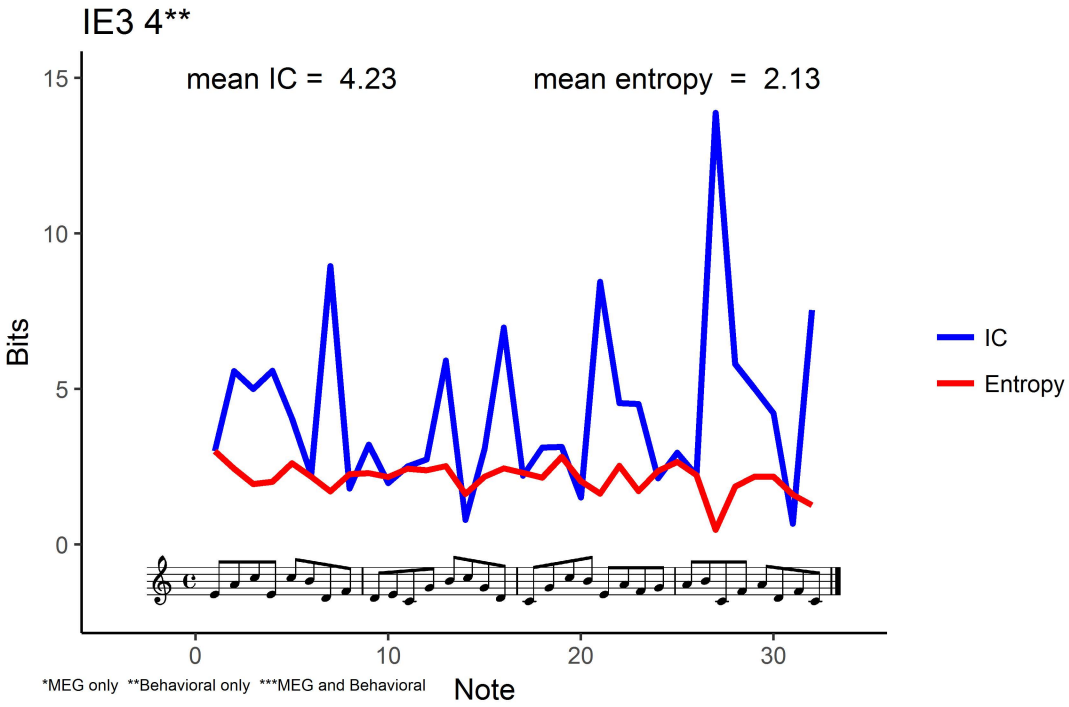

IE2 4**
mean IC = 3.06
mean entropy = 2.16
15
10
5
0
Bits
IC
Entropy
0
10
20
30
*MEG only **Behavioral only ***MEG and Behavioral
Note

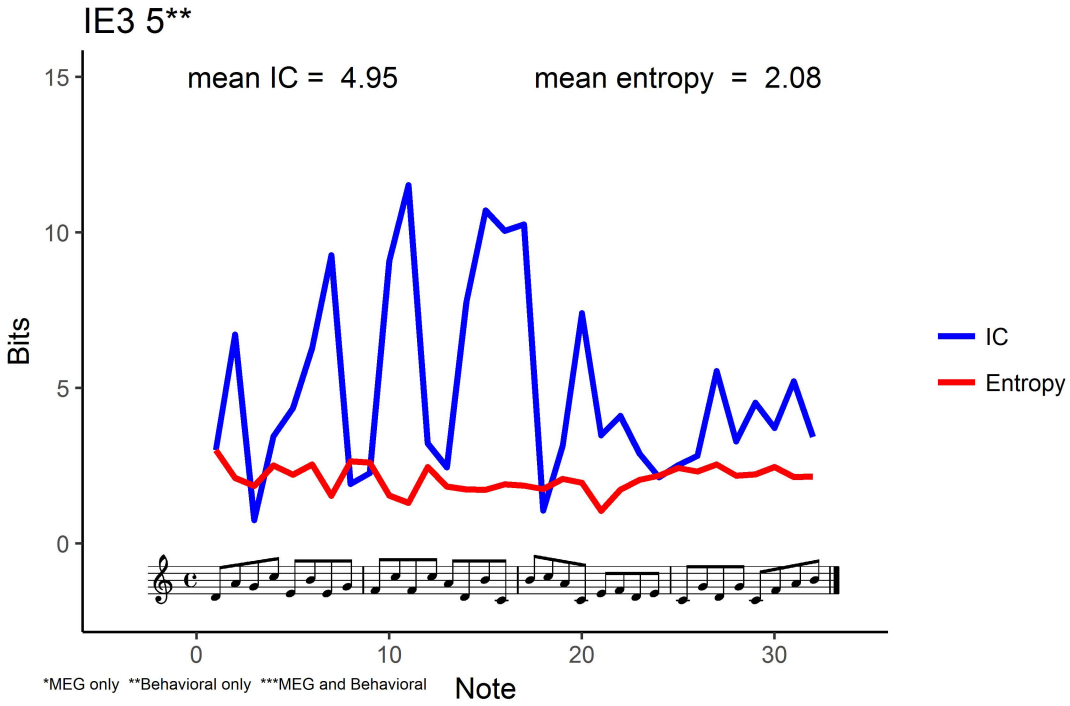

IE2 5**
mean IC = 2.59
mean entropy = 2.03
15
10
5
0
Bits
IC
Entropy
0
10
20
30
*MEG only **Behavioral only ***MEG and Behavioral
Note

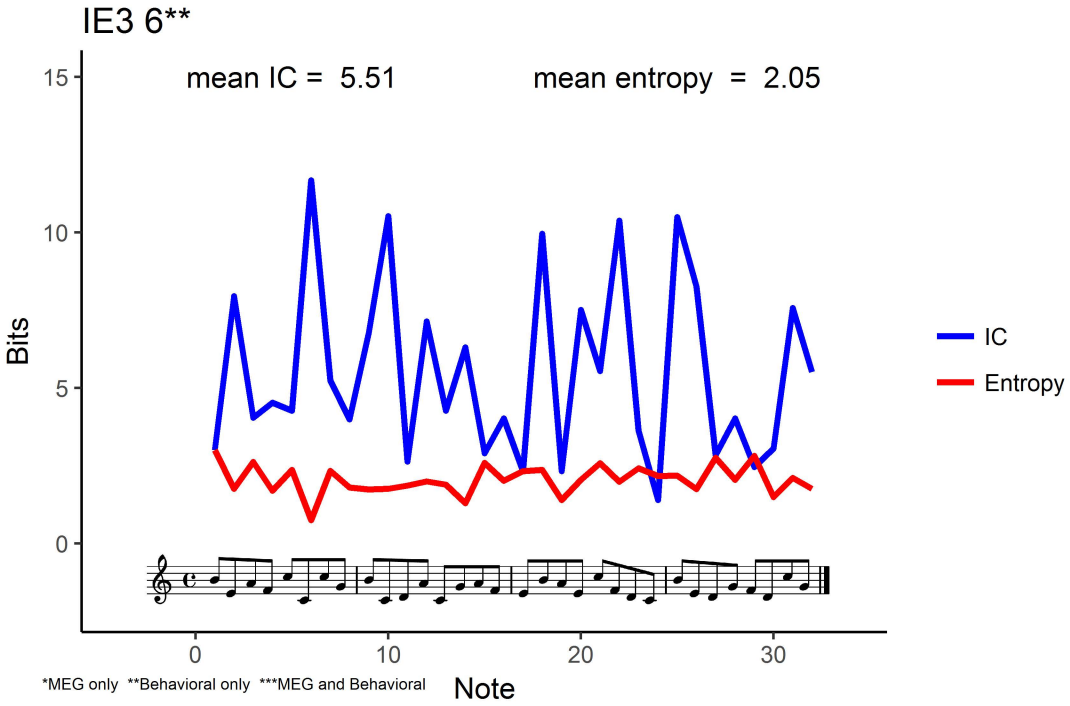

IE3 1**
mean IC = 4.33
mean entropy = 2.13
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral

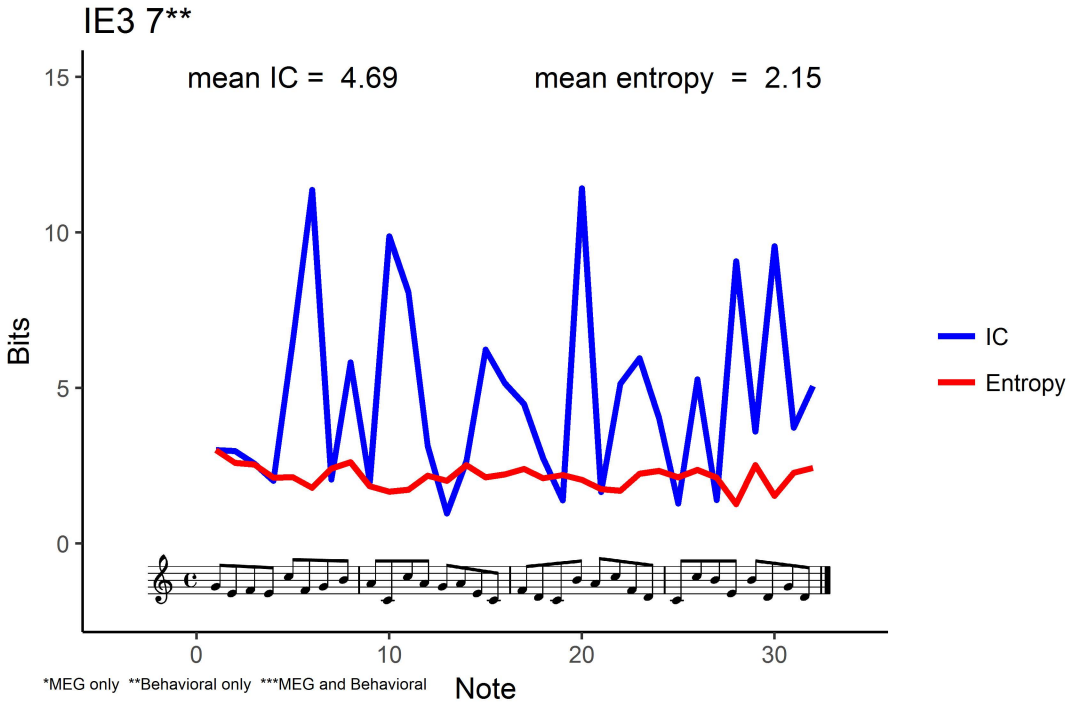

IE3 2**
mean IC = 4.69
mean entropy = 2.14
15
10
5
0
Bits
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral
IC
Entropy

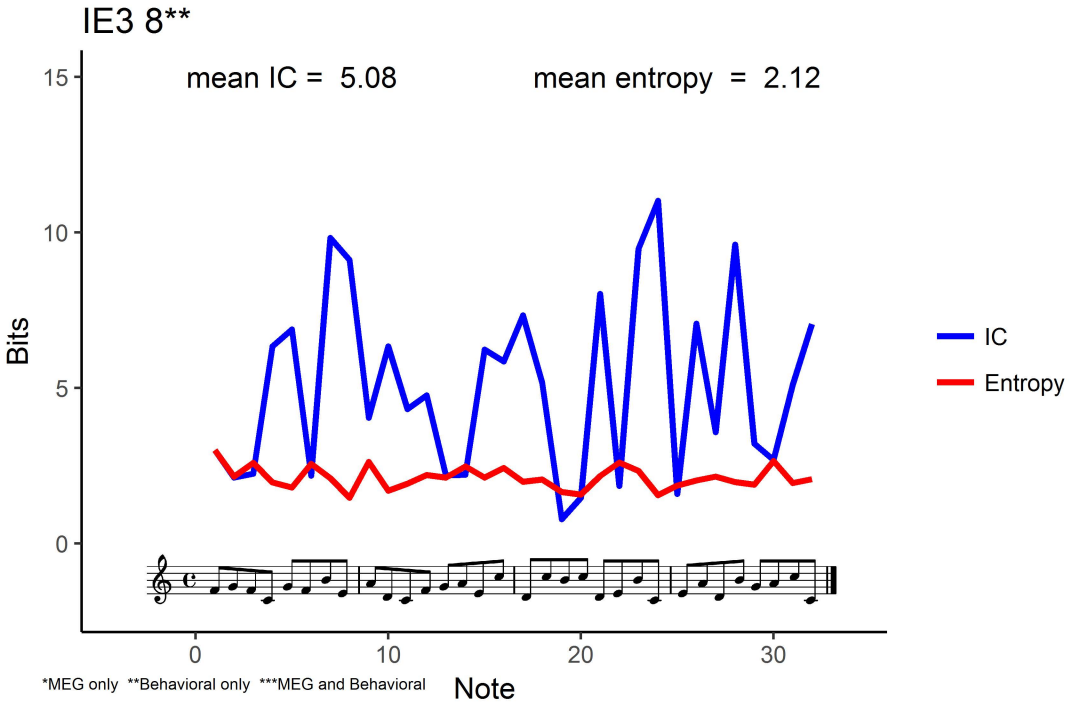

IE3 3**
mean IC = 4.92
mean entropy = 2.1
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral

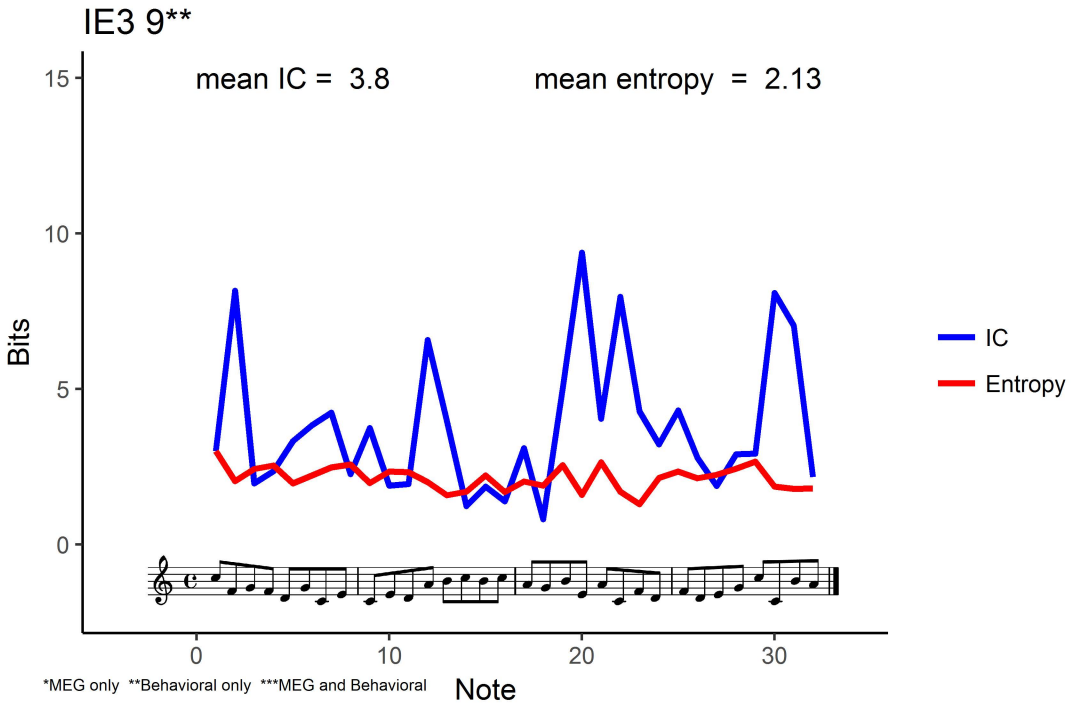

IE3 4**
mean IC = 4.23
mean entropy = 2.13
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

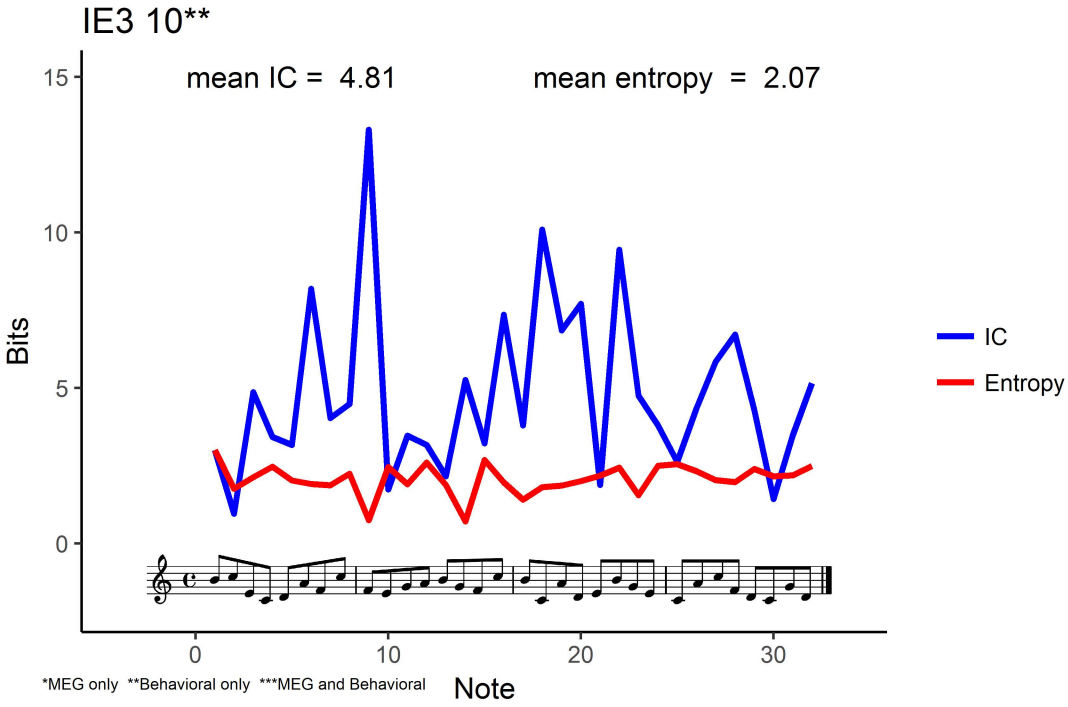

IE3 5**
mean IC = 4.95
mean entropy = 2.08
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

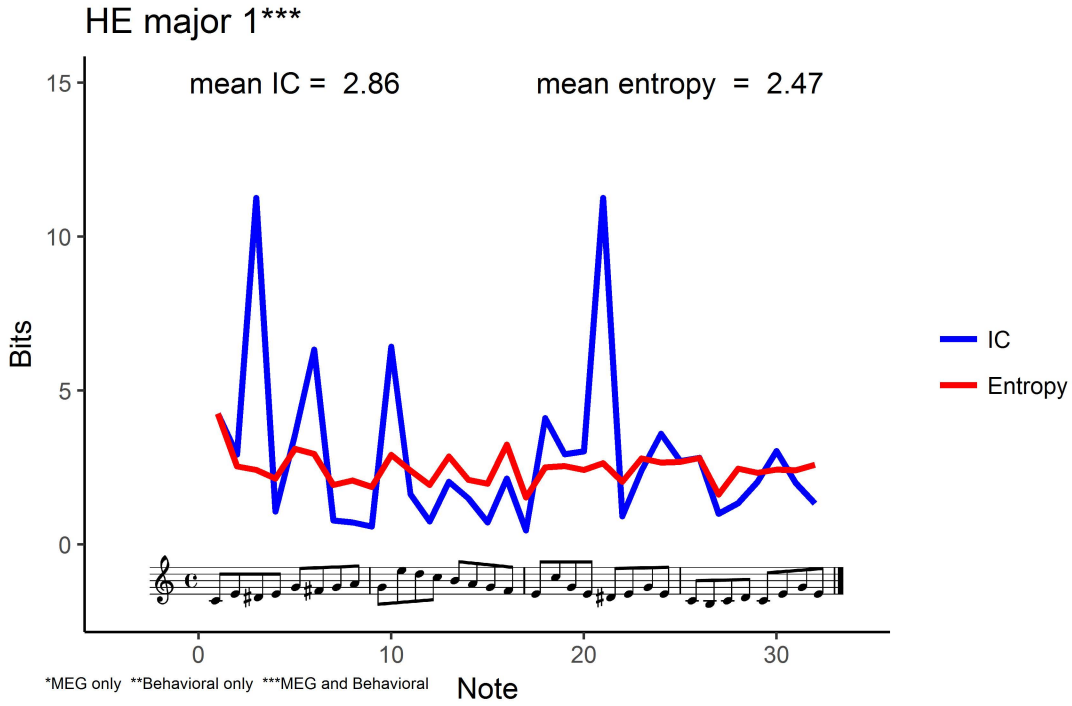

IE3 6**
mean IC = 5.51
mean entropy = 2.05
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

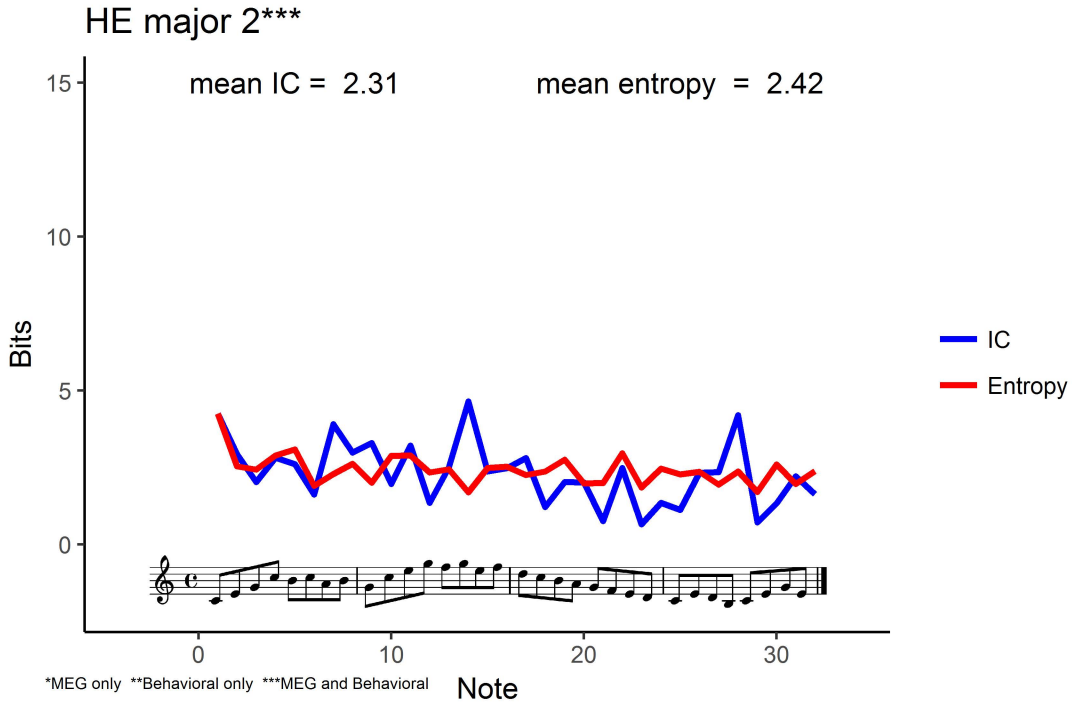

IE3 7**
mean IC = 4.69
mean entropy = 2.15
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral

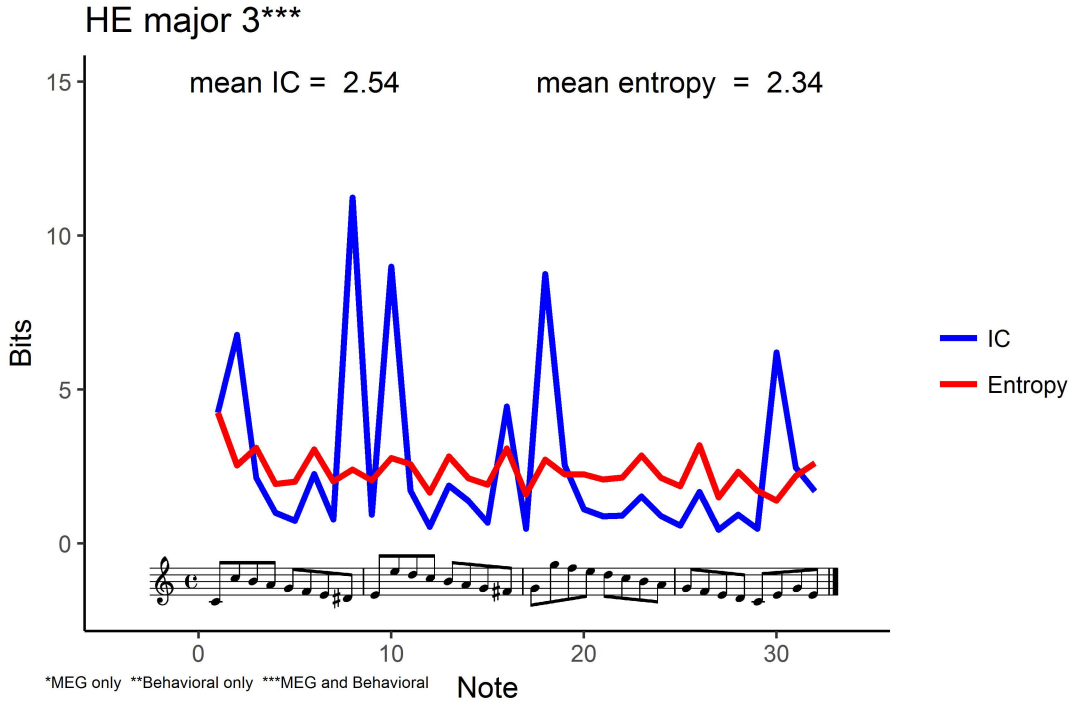

IE3 8**
mean IC = 5.08
mean entropy = 2.12
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

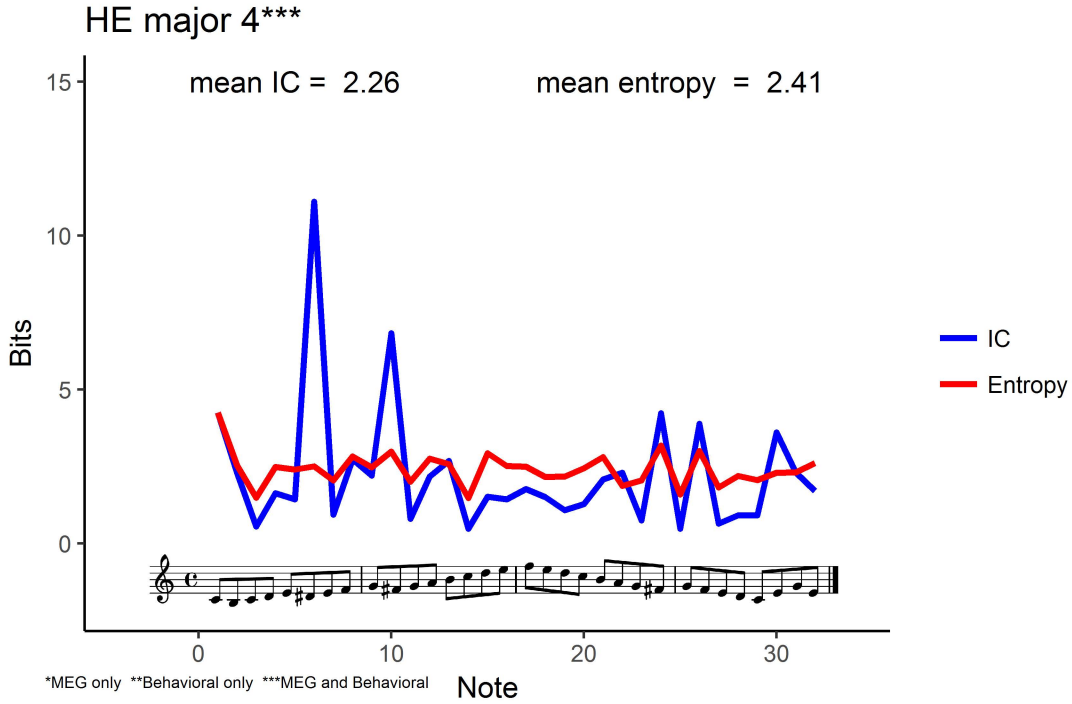

IE3 9**
mean IC = 3.8
mean entropy = 2.13
15
10
5
0
Bits
IC
Entropy
0
10
20
30
*MEG only **Behavioral only ***MEG and Behavioral
Note

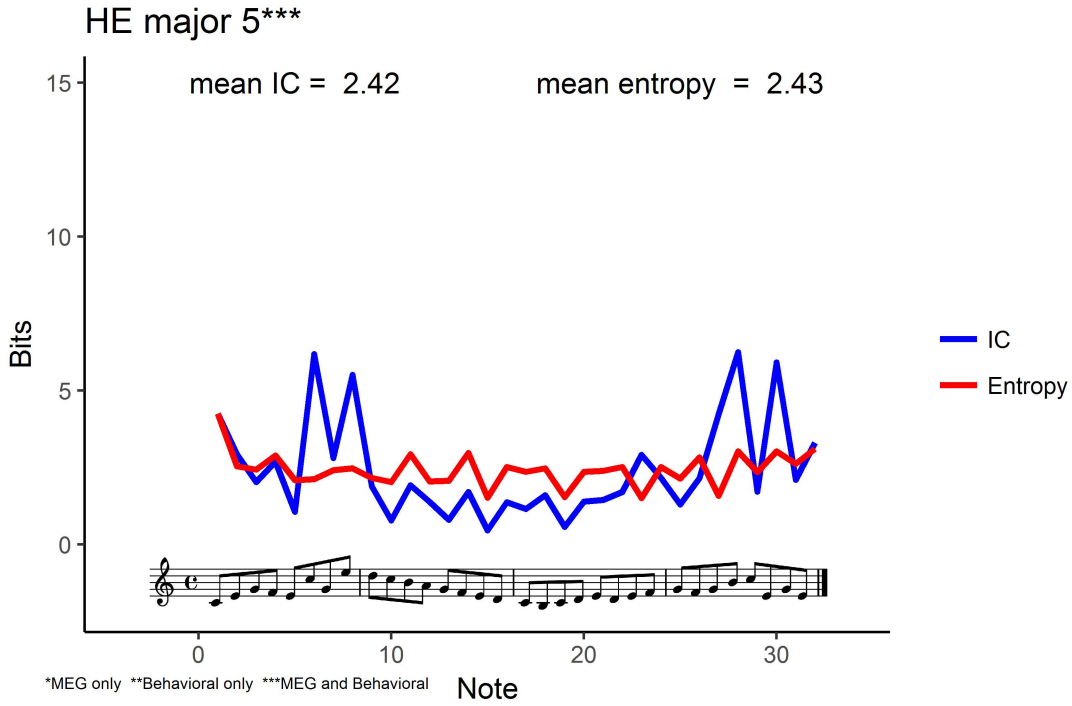

IE3 10**
mean IC = 4.81
mean entropy = 2.07
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

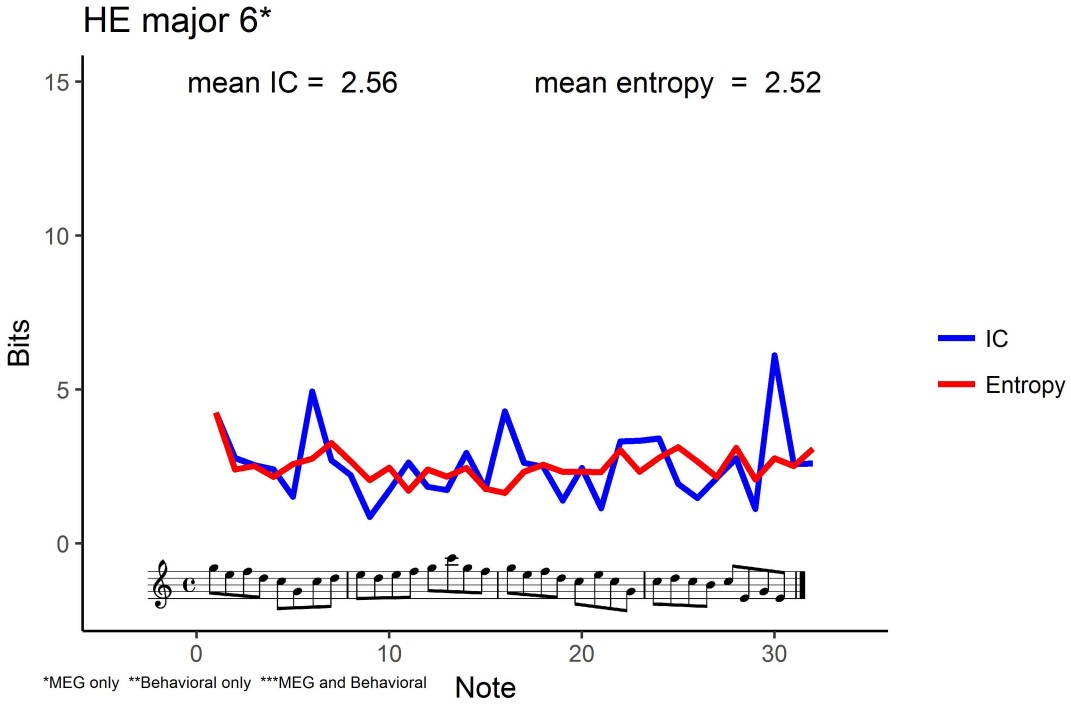

HE major 1***
mean IC = 2.86
mean entropy = 2.47
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

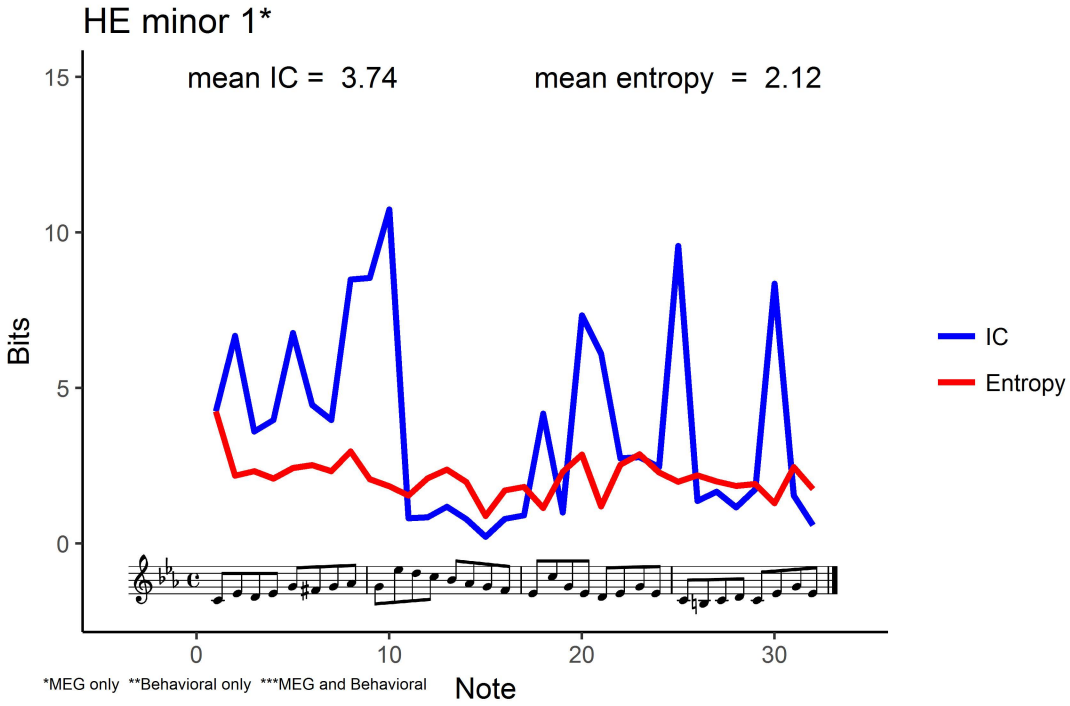

HE major 2***
mean IC = 2.31
mean entropy = 2.42
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

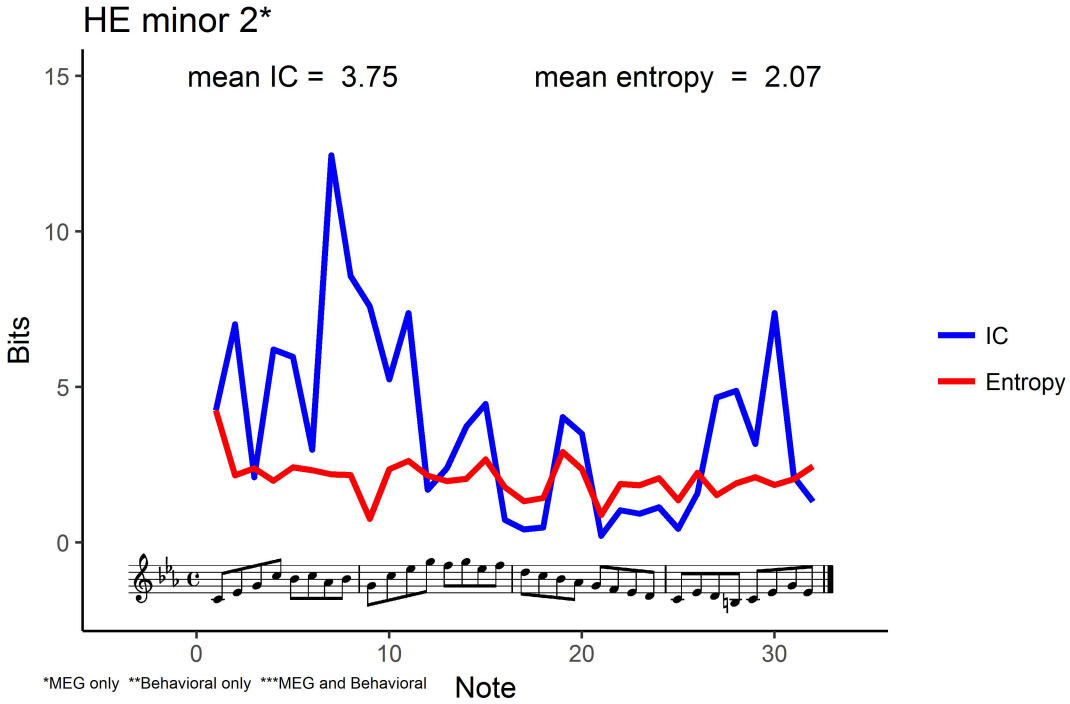

HE major 3***
mean IC = 2.54
mean entropy = 2.34
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

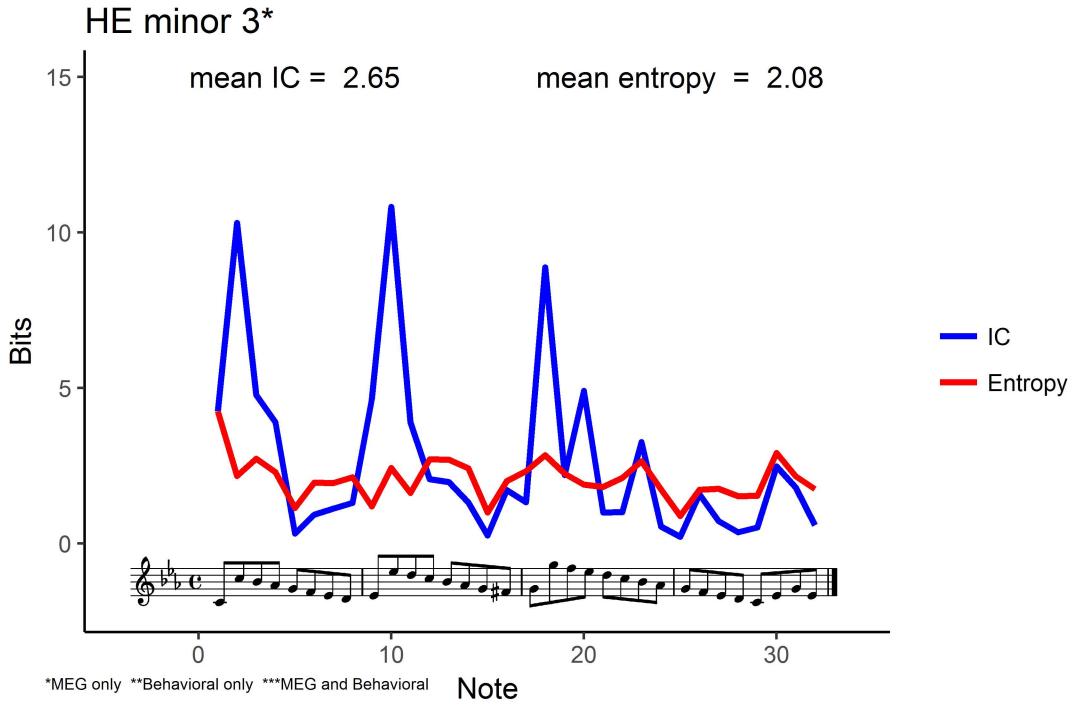

HE major 4***
mean IC = 2.26
mean entropy = 2.41
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

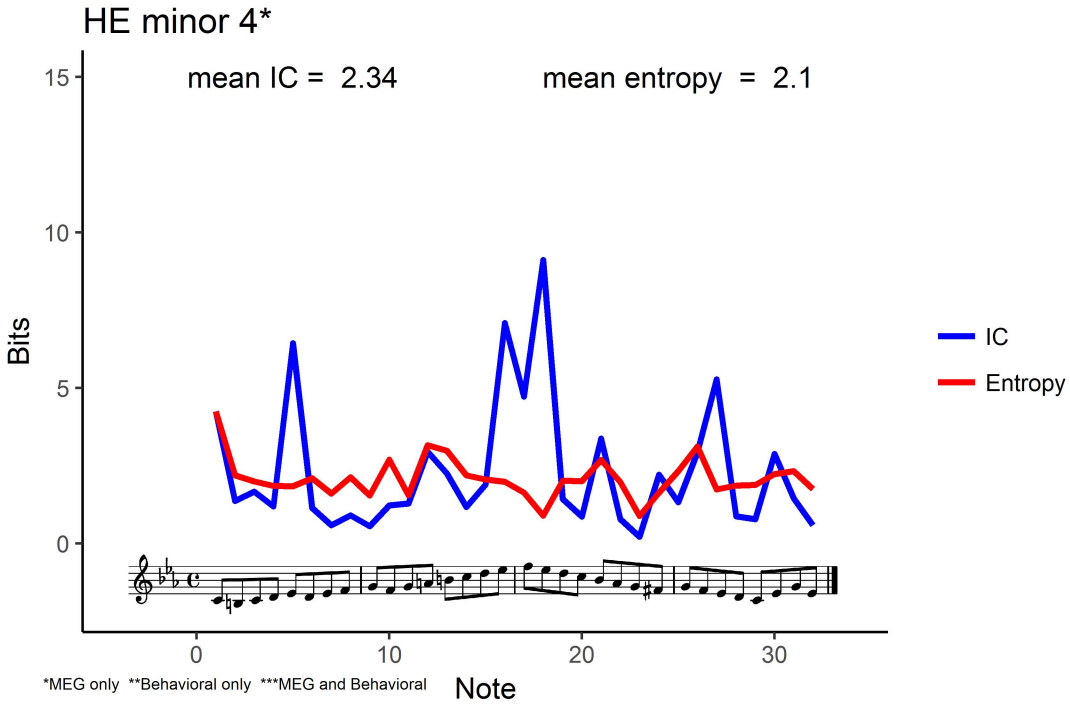

HE major 5***
mean IC = 2.42
mean entropy = 2.43
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

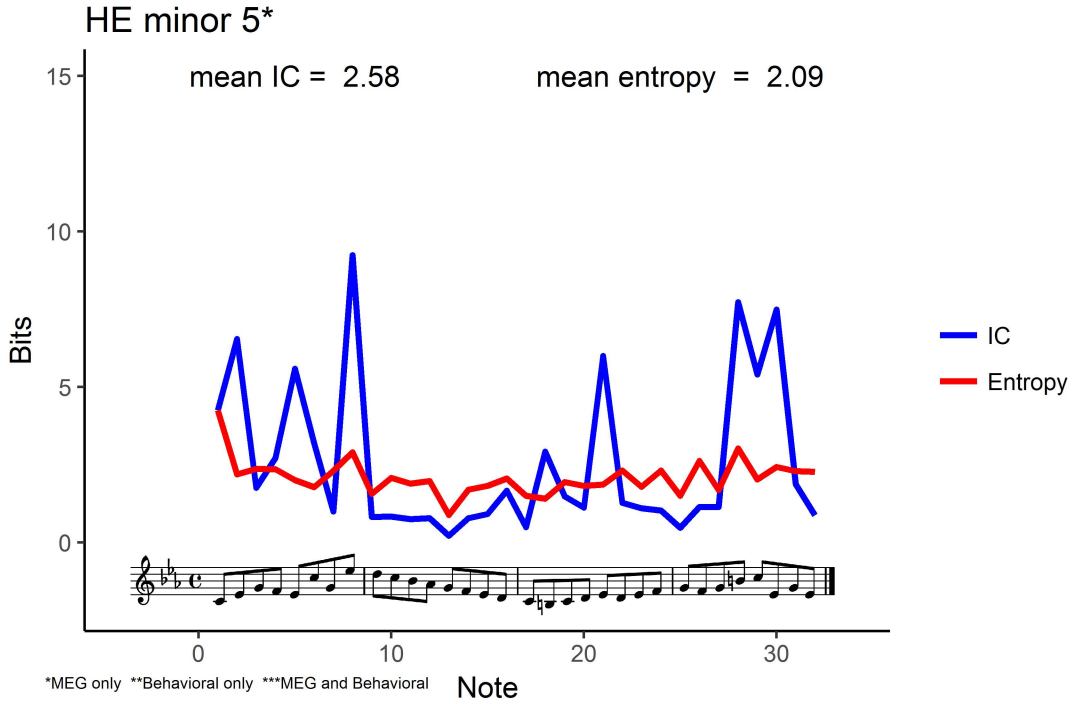

HE major 6*
mean IC = 2.56
mean entropy = 2.52
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral

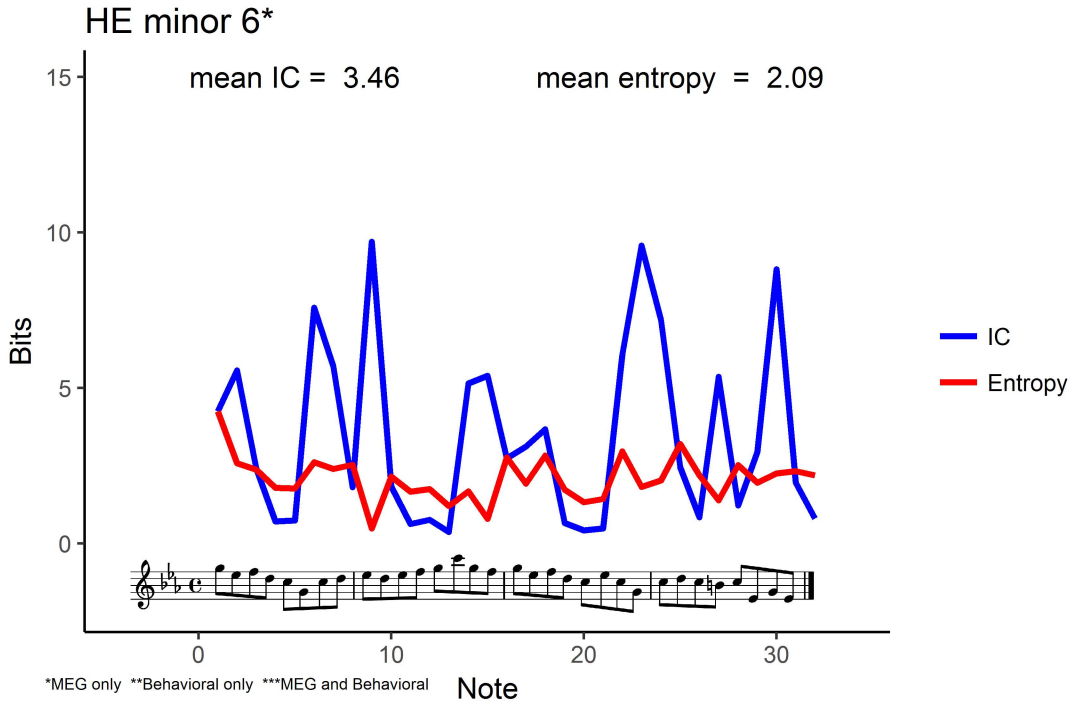

HE minor 1*
mean IC = 3.74
mean entropy = 2.12
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral


HE minor 2*
mean IC = 3.75
mean entropy = 2.07
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral


HE minor 3*
mean IC = 2.65
mean entropy = 2.08
15
10
5
0
Bits
0
10
20
30
Note
IC
Entropy
*MEG only **Behavioral only ***MEG and Behavioral


HE minor 4*
mean IC = 2.34
mean entropy = 2.1
15
10
5
0
Bits
IC
Entropy
0
10
20
30
*MEG only **Behavioral only ***MEG and Behavioral
Note


HE minor 5*
mean IC = 2.58
mean entropy = 2.09
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral


HE minor 6*
mean IC = 3.46
mean entropy = 2.09
15
10
5
0
Bits
IC
Entropy
0
10
20
30
Note
*MEG only **Behavioral only ***MEG and Behavioral