

Appendix B - Examples of 8 beat Markov chains

FIRST ORDER -- Ebmaj7 in the third measure of Giant Steps (beats 17 to 24)

Ebmaj7 8-beat Markov chains - First Order

	Rest	F1	G1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
Rest	0.673	0	0	0.034	0	0.014	0.007	0.007	0.014	0.014	0.007	0.027	0.007	0.068	0.007	0.007	0.068	0.02	0.007	0.007	0.007	0.007	147
F1	0.091	0	0.727	0.182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
G1	0	0.2	0	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
A1	0.12	0	0.08	0	0.48	0.2	0	0	0	0.08	0	0	0	0.04	0	0	0	0	0	0	0	0	25
Bb1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
C2	0.167	0	0	0.148	0	0	0.019	0.611	0.019	0.019	0	0	0	0.019	0	0	0	0	0	0	0	0	54
Db2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	0	0	0	0	0	0.077	0	0	0.872	0.026	0	0	0	0	0	0	0.026	0	0	0	0	0	39
Eb2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	0.098	0	0	0	0	0	0	0.164	0	0.098	0	0.639	0	0	0	0	0	0	0	0	0	0	61
F2	0.169	0	0	0	0	0	0	0	0.181	0	0	0.446	0	0.205	0	0	0	0	0	0	0	0	83
G2	0.198	0	0	0	0	0	0	0	0.055	0.495	0	0.022	0	0.231	0	0	0	0	0	0	0	0	91
A2	0.141	0	0	0	0	0.013	0	0	0.038	0.218	0	0.308	0	0	0	0	0.256	0.026	0	0	0	0	78
Bb2	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.5	0	0	0	0	0.25	0	0	0	4
B2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	0	0	0	0	0	2
C3	0.237	0	0	0	0	0	0	0	0	0	0	0	0	0.447	0.026	0.026	0	0.026	0	0.158	0.079	0	38
D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4
E3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.375	0.125	0	0	8
F3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	2
G3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SECOND ORDER -- Ebmaj7 in the third measure of Giant Steps (beats 17 to 24)

Ebmaj7 8-beat Markov chains - Second Order -- Part 1 of 4

2nd Order - 1	Rest	F1	G1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
Rest	Rest	0.639	0	0	0.069	0	0.014	0.014	0.014	0.028	0.014	0.014	0	0.083	0.014	0.014	0.028	0.014	0.014	0.014	0	0	72
Rest	A1	0	0	0	0	0	0.4	0	0	0	0.4	0	0	0	0.2	0	0	0	0	0	0	0	5
Rest	C2	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2
Rest	D2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	E2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Rest	F2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Rest	G2	0	0	0	0	0	0	0	0	0	0.5	0	0.25	0	0.25	0	0	0	0	0	0	0	4
Rest	A2	0	0	0	0	0	0	0	0	0.167	0	0	0.833	0	0	0	0	0	0	0	0	0	6
Rest	Bb2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Rest	B2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Rest	C3	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.4	5
Rest	E3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Rest	G3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	G1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
F1	A1	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
G1	F1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
G1	A1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
A1	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
A1	G1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	Bb1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
A1	C2	0.2	0	0	0.2	0	0	0	0.4	0	0.2	0	0	0	0	0	0	0	0	0	0	0	5
A1	F2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
A1	A2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb1	C2	0	0	0	0	0	0	0.083	0.917	0	0	0	0	0	0	0	0	0	0	0	0	0	12
C2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
C2	A1	0.25	0	0.25	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
C2	Db2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	33

Ebmaj7 8-beat Markov chains - Second Order -- Part 2 of 4

2nd Order - 2	Rest	F1	G1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
C2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Db2	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C2	0.333	0	0	0	0	0	0.667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
D2	E2	0	0	0	0	0	0	0	0	0.091	0	0.909	0	0	0	0	0	0	0	0	0	0	33
D2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Eb2	E2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
E2	Rest	0.6	0	0	0	0.2	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	5
E2	D2	0	0	0	0	0	0.75	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	4
E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
E2	G2	0.038	0	0	0	0	0	0	0.038	0.923	0	0	0	0	0	0	0	0	0	0	0	0	26
F2	Rest	0.917	0	0	0	0	0	0	0	0	0	0.083	0	0	0	0	0	0	0	0	0	0	12
F2	E2	0.067	0	0	0	0	0	0.467	0	0	0	0.467	0	0	0	0	0	0	0	0	0	0	15
F2	G2	0.364	0	0	0	0	0	0	0.03	0	0	0	0	0.606	0	0	0	0	0	0	0	0	33
F2	A2	0.294	0	0	0	0	0	0	0.588	0	0.059	0	0	0	0	0	0.059	0	0	0	0	0	17
G2	Rest	0.222	0	0	0	0	0	0	0	0	0	0.056	0.056	0.167	0	0	0.333	0.111	0	0	0.056	0	18
G2	E2	0.2	0	0	0	0	0	0.6	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	5
G2	F2	0.114	0	0	0	0	0	0	0.068	0	0	0.523	0	0.295	0	0	0	0	0	0	0	0	44
G2	G2	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2
G2	A2	0.095	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.81	0.095	0	0	0	0	21
A2	Rest	0.8	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	10
A2	C2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	E2	0.667	0	0	0	0	0	0	0	0	0	0.333	0	0	0	0	0	0	0	0	0	0	3
A2	F2	0.294	0	0	0	0	0	0	0.706	0	0	0	0	0	0	0	0	0	0	0	0	0	17
A2	G2	0.087	0	0	0	0	0	0	0.087	0.783	0	0.043	0	0	0	0	0	0	0	0	0	0	23
A2	C3	0	0	0	0	0	0	0	0	0	0	0	0	0.143	0	0	0	0	0	0.714	0.143	0	7
Bb2	D2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Bb2	A2	0	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	2
Bb2	D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1

Ebmaj7 8-beat Markov chains - Second Order -- Part 3 of 4

2nd Order - 3		Rest	F1	G1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
B2	A2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
B2	Bb2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	Rest	0.875	0	0	0	0	0	0	0	0	0	0	0	0	0.125	0	0	0	0	0	0	0	0	8
C3	A2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	15
C3	Bb2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
C3	B2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
C3	E3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	6
C3	F3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	2
D3	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0.25	0	0	0	0	4
E3	Rest	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0.25	4
E3	D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
E3	E3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
C2	A1	0.25	0	0.25	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
C2	Db2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	D2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	33
C2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Db2	E2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C2	0.333	0	0	0	0	0	0	0.667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
D2	E2	0	0	0	0	0	0	0	0	0	0.091	0	0.909	0	0	0	0	0	0	0	0	0	0	33
D2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Eb2	E2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
E2	Rest	0.6	0	0	0	0	0.2	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	5
E2	D2	0	0	0	0	0	0.75	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	4
E2	F2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
E2	G2	0.038	0	0	0	0	0	0	0	0.038	0.923	0	0	0	0	0	0	0	0	0	0	0	0	26

Ebmaj7 8-beat Markov chains - Second Order -- Part 4 of 4

2nd Order - 4	Rest	F1	G1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
F2	Rest	0.917	0	0	0	0	0	0	0	0	0	0.083	0	0	0	0	0	0	0	0	0	0	12
F2	E2	0.067	0	0	0	0	0	0.467	0	0	0	0.467	0	0	0	0	0	0	0	0	0	0	15
F2	G2	0.364	0	0	0	0	0	0	0.03	0	0	0	0	0.606	0	0	0	0	0	0	0	0	33
F2	A2	0.294	0	0	0	0	0	0	0	0.588	0	0.059	0	0	0	0	0.059	0	0	0	0	0	17
G2	Rest	0.222	0	0	0	0	0	0	0	0	0	0.056	0.056	0.167	0	0	0.333	0.111	0	0	0.056	0	18
G2	E2	0.2	0	0	0	0	0	0	0.6	0	0.2	0	0	0	0	0	0	0	0	0	0	0	5
G2	F2	0.114	0	0	0	0	0	0	0.068	0	0	0.523	0	0.295	0	0	0	0	0	0	0	0	44
G2	G2	0.5	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2
G2	A2	0.095	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.81	0.095	0	0	0	0	21
A2	Rest	0.8	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	10
A2	C2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	E2	0.667	0	0	0	0	0	0	0	0	0	0.333	0	0	0	0	0	0	0	0	0	0	3
A2	F2	0.294	0	0	0	0	0	0	0	0.706	0	0	0	0	0	0	0	0	0	0	0	0	17
A2	G2	0.087	0	0	0	0	0	0	0.087	0.783	0	0.043	0	0	0	0	0	0	0	0	0	0	23
A2	C3	0	0	0	0	0	0	0	0	0	0	0	0	0.143	0	0	0	0	0	0.714	0.143	0	7
Bb2	D2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Bb2	A2	0	0	0	0	0	0	0	0.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	2
Bb2	D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
B2	A2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
B2	Bb2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	Rest	0.875	0	0	0	0	0	0	0	0	0	0	0	0.125	0	0	0	0	0	0	0	0	8
C3	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	15
C3	Bb2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
C3	B2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
C3	E3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	6
C3	F3	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	2
D3	C3	0	0	0	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0.25	0	0	0	0	4
E3	Rest	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0.25	4
E3	D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
E3	E3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

THIRD ORDER -- Ebmaj7 in the third measure of Giant Steps (beats 17 to 24)

Ebmaj7 8-beat Markov chains - Third Order -- Part 1 of 7

3rd Order - 1			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
Rest	Rest	Rest	0.788	0	0	0	0	0	0.03	0	0	0	0.03	0	0.03	0	0	0.061	0.03	0	0.03	0	0	33
Rest	Rest	A1	0	0	0	0	0.4	0	0	0	0.4	0	0	0	0.2	0	0	0	0	0	0	0	0	5
Rest	Rest	C2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	Rest	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	Rest	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	Rest	F2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Rest	Rest	G2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Rest	Rest	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
Rest	Rest	Bb2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Rest	Rest	B2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Rest	Rest	C3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	Rest	E3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Rest	A1	C2	0	0	0.5	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	2
Rest	A1	F2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
Rest	A1	A2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	C2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Rest	F2	A2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
Rest	G2	F2	0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	2
Rest	G2	G2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	G2	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	A2	E2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Rest	A2	G2	0.25	0	0	0	0	0	0	0	0.5	0	0.25	0	0	0	0	0	0	0	0	0	0	4
Rest	Bb2	A2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	B2	A2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	C3	E3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	C3	F3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Rest	C3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	E3	E3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	G3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	Rest	Rest	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	G1	A1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
F1	A1	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	A1	C2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Ebmaj7 8-beat Markov chains - Third Order -- Part 2 of 7

3rd Order - 2			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
G1	F1	A1	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
G1	A1	Bb1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
A1	Rest	Rest	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	G1	F1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	Bb1	C2	0	0	0	0	0	0.083	0.917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
A1	C2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A1	C2	A1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A1	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	C2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A1	F2	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	A2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb1	C2	Db2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb1	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11
C2	Rest	Rest	0.429	0	0.571	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
C2	A1	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
C2	A1	G1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
C2	A1	Bb1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
C2	Db2	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	D2	E2	0	0	0	0	0	0	0	0	0.091	0	0.909	0	0	0	0	0	0	0	0	0	0	33
C2	E2	Rest	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	A2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Db2	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
D2	C2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
D2	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
D2	E2	G2	0.05	0	0	0	0	0	0	0	0.95	0	0	0	0	0	0	0	0	0	0	0	0	20
D2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C3	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Eb2	E2	G2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	Rest	Rest	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
E2	Rest	C2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	Rest	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	D2	C2	0.333	0	0	0	0	0	0.667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
E2	D2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	F2	G2	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	2

Ebmaj7 8-beat Markov chains - Third Order -- Part 3 of 7

3rd Order - 3			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
E2	G2	Rest	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
E2	G2	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	G2	F2	0.042	0	0	0	0	0	0	0.125	0	0	0.833	0	0	0	0	0	0	0	0	0	0	24
F2	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
F2	Rest	G2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
F2	E2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
F2	E2	D2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
F2	G2	Rest	0	0	0	0	0	0	0	0	0	0	0	0.083	0.25	0	0	0.5	0.167	0	0	0	0	12
F2	G2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F2	G2	A2	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.85	0.1	0	0	0	0	20
F2	A2	Rest	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	5
F2	A2	F2	0.4	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	10
F2	A2	G2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	Rest	Rest	0	0	0	0	0	0	0	0.5	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0	4
G2	Rest	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	Rest	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	2
G2	E2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	E2	D2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
G2	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
G2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
G2	F2	E2	0.333	0	0	0	0	0	0.667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
G2	F2	G2	0.391	0	0	0	0	0	0	0	0	0	0	0	0.609	0	0	0	0	0	0	0	0	23
G2	F2	A2	0.231	0	0	0	0	0	0	0.615	0	0.077	0	0	0	0	0	0.077	0	0	0	0	0	13
G2	G2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	G2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	A2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	A2	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0.2	0	5
A2	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
A2	Rest	F2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
A2	Rest	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
A2	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	E2	Rest	0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	2
A2	E2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
A2	F2	E2	0	0	0	0	0	0	0.417	0	0	0	0.583	0	0	0	0	0	0	0	0	0	0	12
A2	G2	Rest	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	2

Ebmaj7 8-beat Markov chains - Third Order -- Part 4 of 7

3rd Order - 4			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
A2	G2	E2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A2	G2	F2	0.118	0	0	0	0	0	0	0	0	0	0.118	0	0.765	0	0	0	0	0	0	0	0	17
A2	G2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	C3	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
A2	C3	E3	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	5
A2	C3	F3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb2	D2	C3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Bb2	A2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb2	A2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb2	D3	C3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
B2	Bb2	D2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
B2	A2	F2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	Rest	Rest	0	0	0	0	0	0	0	0	0	0	0	0	0.714	0.143	0.143	0	0	0	0	0	0	7
C3	Rest	A2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	A2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15
C3	Bb2	A2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
C3	B2	Bb2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	E3	Rest	0.333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.333	0	0	0	0	0.333	3
C3	E3	D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
C3	F3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	F3	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D3	C3	A2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E3	Rest	Rest	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	2
E3	Rest	C3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E3	Rest	G3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E3	D3	C3	0	0	0	0	0	0	0	0	0	0	0	0	0.667	0	0	0	0.333	0	0	0	0	3
E3	E3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	A2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G3	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	B2	A2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	C3	E3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	C3	F3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Rest	C3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	E3	E3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Rest	G3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Ebmaj7 8-beat Markov chains - Third Order -- Part 5 of 7

3rd Order - 5			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total	
F1	Rest	Rest	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	G1	A1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
F1	A1	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F1	A1	C2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G1	F1	A1	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
G1	A1	Bb1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
A1	Rest	Rest	0.5	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	G1	F1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	Bb1	C2	0	0	0	0	0	0.083	0.917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
A1	C2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A1	C2	A1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A1	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	C2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
A1	F2	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A1	A2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb1	C2	Db2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb1	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
C2	Rest	Rest	0.429	0	0.571	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
C2	A1	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
C2	A1	G1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
C2	A1	Bb1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
C2	Db2	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	D2	E2	0	0	0	0	0	0	0	0	0.091	0	0.909	0	0	0	0	0	0	0	0	0	0	0	33
C2	E2	Rest	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C2	A2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Db2	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
D2	C2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
D2	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
D2	E2	G2	0.05	0	0	0	0	0	0	0	0.95	0	0	0	0	0	0	0	0	0	0	0	0	0	20
D2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D2	C3	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Eb2	E2	G2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	Rest	Rest	0.5	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Ebmaj7 8-beat Markov chains - Third Order -- Part 6 of 7

3rd Order - 6			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total	
E2	Rest	C2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	Rest	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	D2	C2	0.333	0	0	0	0	0	0.667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
E2	D2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	F2	G2	0.5	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	2
E2	G2	Rest	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
E2	G2	E2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E2	G2	F2	0.042	0	0	0	0	0	0	0.125	0	0	0.833	0	0	0	0	0	0	0	0	0	0	0	24
F2	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
F2	Rest	G2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
F2	E2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
F2	E2	D2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F2	G2	Rest	0	0	0	0	0	0	0	0	0	0	0	0.083	0.25	0	0	0.5	0.167	0	0	0	0	0	12
F2	G2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F2	G2	A2	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.85	0.1	0	0	0	0	0	20
F2	A2	Rest	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	5
F2	A2	F2	0.4	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
F2	A2	G2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	Rest	Rest	0	0	0	0	0	0	0	0.5	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0	0	4
G2	Rest	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	Rest	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.5	0	0	2
G2	E2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	E2	D2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
G2	E2	F2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
G2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
G2	F2	E2	0.333	0	0	0	0	0	0.667	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
G2	F2	G2	0.391	0	0	0	0	0	0	0	0	0	0	0	0.609	0	0	0	0	0	0	0	0	0	23
G2	F2	A2	0.231	0	0	0	0	0	0	0	0.615	0	0.077	0	0	0	0	0.077	0	0	0	0	0	0	13
G2	G2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	G2	F2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	A2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G2	A2	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0.2	0	0	5
A2	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
A2	Rest	F2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
A2	Rest	C3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
A2	C2	D2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Ebmaj7 8-beat Markov chains - Third Order -- Part 7 of 7

3rd Order - 7			Rest	F1	A1	Bb1	C2	Db2	D2	E2	F2	Gb2	G2	Ab2	A2	Bb2	B2	C3	Db3	D3	E3	F3	G3	Total
A2	E2	Rest	0.5	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	2
A2	E2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	F2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
A2	F2	E2	0	0	0	0	0	0	0.417	0	0	0	0.583	0	0	0	0	0	0	0	0	0	0	12
A2	G2	Rest	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	2
A2	G2	E2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A2	G2	F2	0.118	0	0	0	0	0	0	0	0	0	0.118	0	0.765	0	0	0	0	0	0	0	0	17
A2	G2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
A2	C3	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
A2	C3	E3	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	5
A2	C3	F3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb2	D2	C3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Bb2	A2	E2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb2	A2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Bb2	D3	C3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
B2	Bb2	D2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
B2	A2	F2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	Rest	Rest	0	0	0	0	0	0	0	0	0	0	0	0	0.714	0.143	0.143	0	0	0	0	0	0	7
C3	Rest	A2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	A2	G2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15
C3	Bb2	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
C3	B2	Bb2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	E3	Rest	0.333	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.333	0	0	0	0	0.333	3
C3	E3	D3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3
C3	F3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
C3	F3	A2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
D3	C3	A2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
E3	Rest	Rest	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	2
E3	Rest	C3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E3	Rest	G3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
E3	D3	C3	0	0	0	0	0	0	0	0	0	0	0	0	0.667	0	0	0	0.333	0	0	0	0	3
E3	E3	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
F3	A2	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
G3	Rest	Rest	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1