



= LEFT HAND



= RIGHT HAND

HAP-PY BIRTH-DAY TO YOU

[NOTES]

G

G

A

G

C

B

[FINGERING]

4

4

3

4

1

2

HAP-PY BIRTH-DAY TO YOU

G

G

A

G

D

C

4

4

3

4

2

1

HAP-PY BIRTH-DAY DEAR [NAME]

G

G

G

E

C

B

A

4

4

5

3

1

1

2

HAP-PY BIRTH-DAY TO YOU!

F

F

E

C

D

C

4

4

3

1

2

1

LET'S PLAY MUSIC

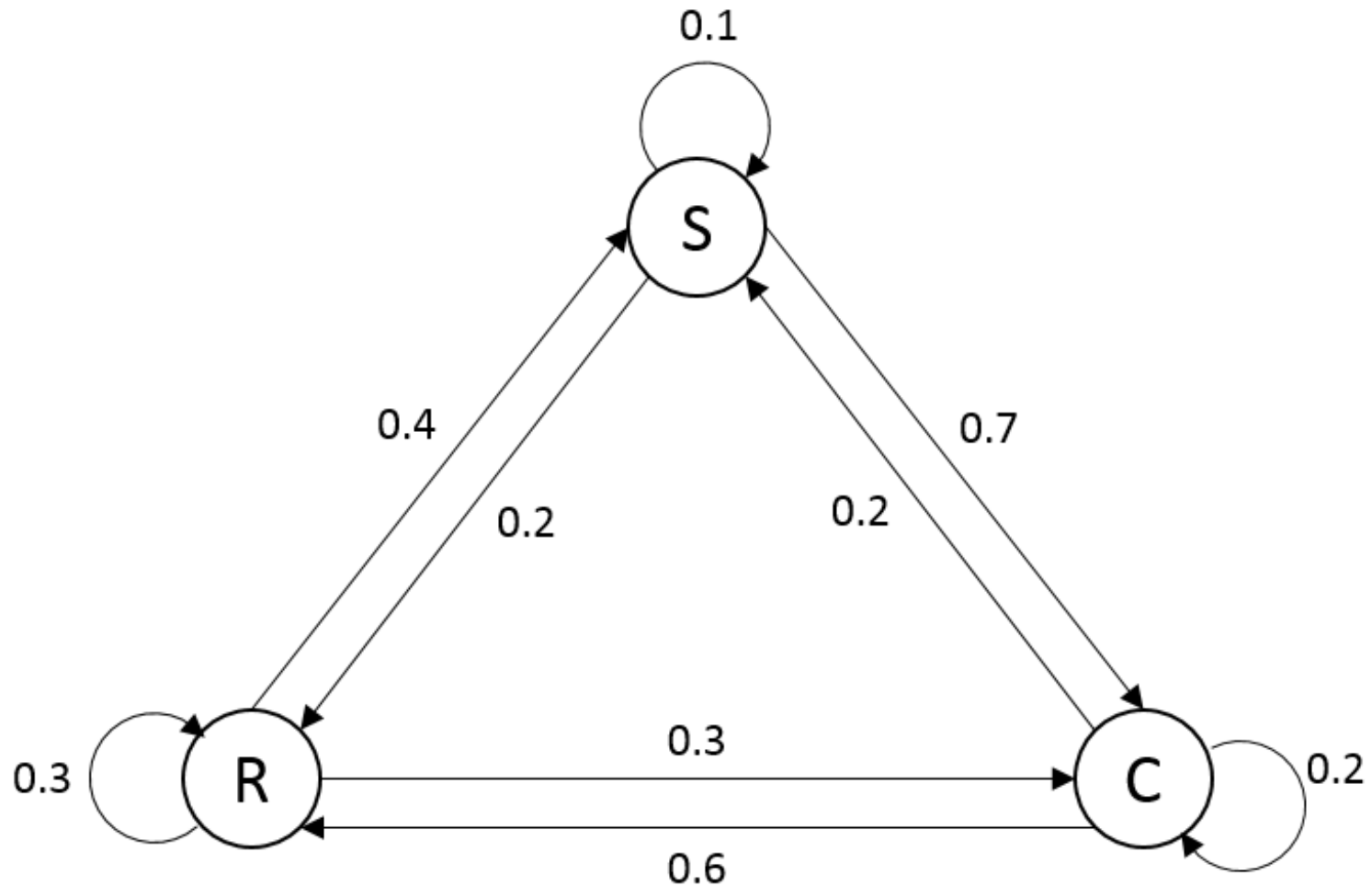
Analysis

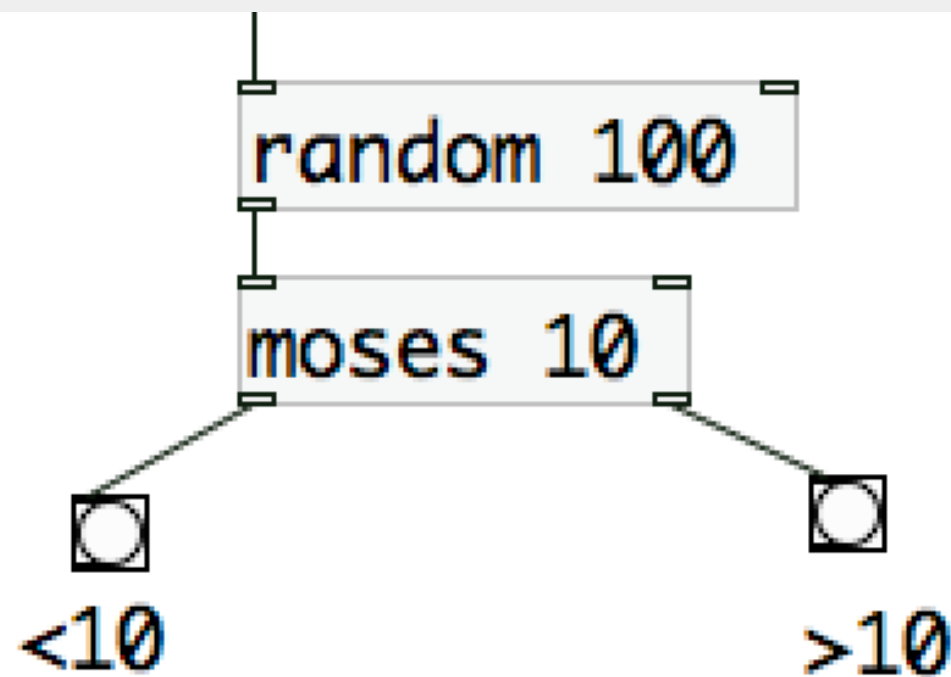
Musical Parameters?

Musical Parameters?

Pitch and Tempo

Markov Chains (stochastic!)





Transition Matrix



First Order Transition Matrix

	G4	G5	A4	C5	B4	D5	E5	F5	R
Current Note									
G4		0.14	0.28						0.58
G5									1
A4									1
C5									1
B4									1
D5									1
E5									1
F5							0.5		0.5
R	0.12		0.02	0.12	0.04	0.04	0.02	0.04	0.6

