

Dose of muscimol (mM):					
	0.1-0.2	0.5	1.0	2.0	3.0
g82b82	ND		D	D	S
p170y50			ND	D	D
p148y88				ND	S
bl43p196			D	S	S
g32b89				ND	S
y70gy49			D	S	D
pu43g13		ND	S		S
o174br12		ND	S	S	
pu42g12			ND	S	

Supplementary Figure 1. Depiction of singing behavior and datasets analyzed for experiments involving muscimol. Not all birds were given all doses, and outlined boxes indicate doses that each bird received. Black boxes with “S” denote experiments in which infusion of muscimol suppressed song (<6 songs produced during the experimental period); song structure was not analyzed on these days. However, birds produced >10 songs during the experimental period following the administration of other doses, and these days are denoted in white or grey boxes. Grey boxes with “D” indicate experiments in which birds produced degraded song following muscimol infusions, whereas white boxes indicate experiments in which song was not spectrally degraded. For our analysis of non-degraded song (see Results), we examined song structure following infusions of the highest dose of muscimol that did not suppress song or lead to the production of degraded song [white boxes with “ND” (non-degraded)].