

**A****Fraction of time in modes**

<b>Mode</b>	<b>rewarded</b>	<b>unrewarded</b>
<b>leave</b>	$0.053 \pm 0.014$	$0.054 \pm 0.013$
<b>drink</b>	$0.103 \pm 0.026$	
<b>explore</b>	$0.844 \pm 0.032$	$0.946 \pm 0.013$

**B****Transition probability between modes**

<b>from/to:</b>	<b>leave</b>	<b>drink</b>	<b>explore</b>
<b>leave</b>		$0.51 \pm 0.14$	$0.49 \pm 0.14$
<b>drink</b>	$0.10 \pm 0.05$		$0.90 \pm 0.05$
<b>explore</b>	$0.40 \pm 0.11$	$0.60 \pm 0.11$	