

Table S1: In Vivo Binding of [¹²³I]IBZM in the dorsal (DST) and ventral (VST) striatum of RHA and RLA rats at baseline.

	RHA (n=18)	RLA (n=18)
DST		
BP _{ND}	1.84 ± 0.41*** (%SE = 2.23 ± 0.67)	2.86 ± 0.38 (%SE = 3.14 ± 1.34)
Gamma	0.036 ± 0.008*** (%SE = 22.0 ± 5.8)	0.016 ± 0.004 (%SE = 25.1 ± 4.0)
VST		
BP _{ND}	1.16 ± 0.29*** (%SE = 2.52 ± 0.74)	1.706 ± 0.25 (%SE = 3.51 ± 1.52)
Gamma	0.013 ± 0.011 (%SE > 100 ± 100)	0.008 ± 0.008 (%SE > 100 ± 100)

*%SE represents the mean percent standard error of BP_{ND} and Gamma values, as given by nonlinear least squares fittings of [¹²³I]IBZM kinetics using the linear extension of the simplified reference region model, and it was used to assess parameter identifiability. Data are mean ± SD. Significantly different from RLA rats at ***p < 0.001.*