

With Type-I 5-HT neurons													
a	Connection type			Punishment					Reward				
				VTA DA *	DRN 5-HT *	DRN GABA *	VTA GABA *	VTA Glu *	VTA DA *	DRN 5-HT *	DRN GABA *	VTA GABA *	VTA Glu *
	DA→ VTA GABA (-)	5HT→ DA (-)	5HT→ Glu (-)	100. 00	66.19	14.26	4.36	0.60	100. 00	55.31	22.04	8.72	0.83
			5HT→ Glu (+)	100. 00	66.66	14.25	4.42	0.60	100. 00	43.10	22.08	5.31	0.78
	5-HT→ VTA GABA (-)	5HT→ DA (+)	5HT→ Glu (-)	100. 00	66.19	14.26	4.36	0.60	100. 00	42.69	22.08	5.25	0.77
			5HT→ Glu (+)	100. 00	66.66	14.25	4.42	0.60	100. 00	62.58	22.27	6.96	0.80
	DA→ VTA GABA (+)	5HT→ DA (-)	5HT→ Glu (-)	100. 00	64.87	26.08	9.06	0.59	100. 00	55.12	22.89	13.08	0.83
			5HT→ Glu (+)	100. 00	65.34	26.09	9.12	0.59	100. 00	42.38	22.87	9.59	0.77
	5-HT→ VTA GABA (+)	5HT→ DA (+)	5HT→ Glu (-)	100. 00	64.87	26.08	9.06	0.59	100. 00	41.97	22.87	9.52	0.77
			5HT→ Glu (+)	100. 00	65.34	26.09	9.12	0.59	100. 00	62.21	22.67	11.29	0.80
b	5HT→Glu (-)			100. 00	37.30	15.90	6.05	0.55	100. 00	25.13	18.88	6.39	0.72
	5HT→Glu (+)			100. 00	34.60	16.00	5.35	5.38	100. 00	23.59	19.01	5.64	7.09
c	-			100. 00	33.50	16.02	5.24	0.00	100. 00	22.62	19.04	5.49	0.00
d	-			100. 00	36.11	7.78	3.36	0.00	100. 00	24.33	7.77	3.88	0.00
e	-			100. 00	33.90	1.07	2.86	0.00	100. 00	22.92	1.43	3.34	0.00
f	-			100. 00	2.27	0.17	0.45	0.00	100. 00	1.52	0.22	0.52	0.00
g	-			100. 00	0.00	18.07	0.00	0.00	100. 00	0.00	18.87	0.00	0.00
h	-			100. 00	36.12	1.25	3.36	0.00	100. 00	24.33	1.67	3.88	0.00
i	-			100. 00	0.00	0.00	0.00	0.00	100. 00	0.00	0.00	0.00	0.00
j	-			100. 00	0.00	0.00	0.00	0.00	100. 00	0.00	0.00	0.00	0.00
k	-			100. 00	0.00	0.00	0.00	0.00	100. 00	0.00	0.00	0.00	0.00
l	5HT→DA (-)			100. 00	33.41	14.85	4.23	0.54	100. 00	22.68	6.51	5.09	0.71
	5HT→DA (+)			100. 00	33.42	14.85	4.24	0.54	100. 00	22.70	6.52	5.10	0.71