Arc	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 (−)	64.43	4.56	7.36	0.34	0.50	64.01	13.85	5.82	3.68	0.72
			5HT→Glu (+)	66.19	4.91	7.35	0.38	0.50	63.46	2.37	5.86	0.46	0.66
	5-HT→VTA GABA (−)	5HT→DA (+)	5HT→Glu (−)	67.34	4.47	7.35	0.34	0.50	64.88	2.13	5.85	0.40	0.66
			5HT→Glu (+)	66.19	4.91	7.35	0.38	0.50	61.98	1.55	6.05	1.24	0.64
	DA→VTA GABA (+)	5HT→DA (−)	5HT→Glu (−)	64.91	4.18	17.41	0.94	0.50	64.50	13.81	6.56	4.27	0.72
			5HT→Glu (+)	66.66	4.53	17.41	0.97	0.50	63.95	2.29	6.54	1.04	0.66
	5-HT→VTA GABA (+)	5HT→DA (+)	5HT→Glu (−)	67.82	4.10	17.40	0.93	0.50	65.37	2.05	6.53	0.98	0.66
			5HT→Glu (+)	66.66	4.53	17.41	0.97	0.50	62.47	1.59	6.38	0.66	0.64
b	5HT→Glu (−)			66.73	6.05	8.47	1.02	0.50	64.09	4.23	11.30	1.16	0.67
	5HT→Glu (+)			60.91	3.31	8.59	0.38	4.95	56.91	2.67	11.46	0.45	6.54
c	-			66.66	2.22	8.58	0.27	0.00	64.02	1.70	11.45	0.30	0.00
d	-			66.81	4.67	1.01	0.44	0.00	64.27	3.31	1.05	0.55	0.00
e	-			64.99	2.45	0.04	0.12	0.00	62.02	1.90	0.04	0.12	0.00
f	-			64.63	2.27	0.17	0.45	0.00	61.55	1.52	0.22	0.52	0.00
g	-			65.00	0.00	2.35	0.00	0.00	61.99	0.00	2.59	0.00	0.00
h	-			65.37	4.69	0.16	0.44	0.00	62.47	3.33	0.24	0.55	0.00
i	-			62.15	0.00	0.00	0.00	0.00	58.45	0.00	0.00	0.00	0.00
j	-			67.86	0.00	0.00	0.00	0.00	65.54	0.00	0.00	0.00	0.00
k	-			65.00	0.00	0.00	0.00	0.00	61.99	0.00	0.00	0.00	0.00
l	5HT→DA (−)			67.33	2.12	7.44	1.13	0.49	65.22	1.76	5.23	1.67	0.65
	5HT→DA (+)			65.50	2.17	7.45	1.14	0.49	62.69	1.81	5.22	1.67	0.65