

**Table 1. Transfer of Gaze, Saccade, Head Contribution, and Total Head Amplitude between Pre- and Post Transfer Phases**

Experiment	Condition	Eye Position	Gaze Ratio (Amp)	Eye Ratio (Amp)	Head Cont Ratio (Amp)	Total Head Ratio (Amp)	
P1	<b>(Backward)</b>	PreTrans	Center	---- (33.6 ± 4.0)	---- (26.0 ± 3.4)	---- (7.6 ± 2.6)	---- (20.0 ± 3.7)
		PostTrans	Left	1.13 (37.8 ± 2.5) *	1.3 (35.9 ± 2.2) *	0.30 (1.9 ± 0.5) *	0.51 (4.3 ± 1.5) *
		PostTrans	Right	0.94 (31.7 ± 4.2)	0.52 (13.6 ± 2.1) *	2.39 (18.0 ± 4.0) *	5.50 (41.6 ± 3.9) *
P3	<b>(Backward)</b>	PreTrans	Center	---- (31.9 ± 3.0)	---- (26.0 ± 2.4)	---- (5.9 ± 1.1)	---- ( 18.4 ± 2.6)
		PostTrans	Left	1.07 (34.2 ± 3.1)	1.27 (32.9 ± 2.8) *	0.21 ( 1.3 ± 0.5) *	0.16 ( 2.9 ± 1.6) *
		PostTrans	Right	0.92 (29.4 ± 2.8)	0.42 (13.4 ± 2.2) *	2.69 ( 16.0 ± 2.0) *	2.25 (41.3 ± 2.5) *
P4	<b>(Backward)</b>	PreTrans	Left	---- (32.2 ± 1.9)	---- (30.8 ± 2.1)	---- (1.4 ± 0.6)	---- (4.0 ± 2.3)
		PostTrans	Center	0.99 (31.9 ± 2.7)	0.82 (25.2 ± 2.3) *	4.87 (6.7 ± 1.0) *	5.73 (23.0 ± 2.0) *
		PostTrans	Right	1.01 (32.6 ± 2.5)	0.51 (15.7 ± 2.7) *	12.21 (16.9 ± 2.3) *	10.31 (41.4 ± 2.6) *
P10	<b>(Backward)</b>	PreTrans	Center	---- (31.3 ± 4.0)	---- (22.3 ± 3.7)	---- (9.0 ± 3.2)	---- (23.6 ± 4.0)
		PostTrans	Left	1.17 (33.7 ± 1.5)	1.54 (34.4 ± 1.6) *	0.42 (2.3 ± 1.0) *	0.38 (5.9 ± 2.7) *
		PostTrans	Right	1.01 (31.7 ± 3.6)	0.59 (13.1 ± 2.9) *	2.05 (18.5 ± 3.0) *	1.77 (41.7 ± 3.9) *
P15	<b>(Backward)</b>	PreTrans	Center	---- (31.9 ± 3.0)	---- (26.0 ± 2.4)	---- (5.9 ± 1.1)	---- ( 18.4 ± 2.6)
		PostTrans	Left	1.09 (32.0 ± 3.8)	1.29 (30.3 ± 3.2) *	0.28 (1.6 ± 1.0) *	0.19 (3.9 ± 2.5) *
		PostTrans	Right	1.01 (29.6 ± 5.2)	0.63 (14.9 ± 3.0) *	2.56 (14.7 ± 3.4) *	1.99 (39.8 ± 3.2) *
P16	<b>(Backward)</b>	PreTrans	Center	---- (29.5 ± 4.0)	---- (23.2 ± 2.9)	---- (6.3 ± 1.8)	---- (22.0 ± 3.8)
		PostTrans	Left	1.08 (31.8 ± 4.3)	1.31 (30.4 ± 4.0) *	0.23 (1.5 ± 0.7) *	0.24 (5.5 ± 3.3) *
		PostTrans	Right	1.09 (32.4 ± 4.6)	0.64 (14.9 ± 2.2) *	2.78 (17.5 ± 4.6) *	1.89 (42.6 ± 4.1) *
Q2	<b>(Backward)</b>	PreTrans	Center	---- (29.2 ± 2.1)	---- (25.8 ± 2.0)	---- (3.4 ± 1.0)	---- (18.7 ± 2.0)
		PostTrans	Left	1.09 (31.7 ± 2.2) *	1.19 (30.7 ± 2.2) *	0.32 (1.1 ± 0.3) *	0.21 (3.9 ± 1.6) *
		PostTrans	Right	1.12 (32.8 ± 2.3) *	0.95 (24.5 ± 1.4)	2.41 (8.2 ± 1.2) *	1.76 (33.0 ± 1.9) *
S2	<b>(Backward)</b>	PreTrans	Center	---- (38.2 ± 1.3)	---- (26.9 ± 1.6)	---- (11.2 ± 2.2)	---- (28.3 ± 2.6)
		PostTrans	Left	0.99 (37.9 ± 1.6)	1.13 (30.4 ± 2.1) *	0.67 (7.5 ± 1.1) *	0.61 (17.4 ± 1.7) *
		PostTrans	Right	0.80 (30.6 ± 4.2) *	0.57 ( 15.3 ± 3.1) *	1.35 (15.2 ± 2.6) *	1.37 (38.9 ± 2.0) *
P11	<b>(Forward)</b>	PreTrans	Center	---- (33.3 ± 2.6)	---- (31.9 ± 2.3)	---- (1.4 ± 0.6)	---- (20.7 ± 3.3)
		PostTrans	Left	0.81 (27.0 ± 1.1) *	0.85 (27.0 ± 1.1)	0.04 (0.1 ± 0.1) *	0.00 (0.1 ± 0.1) *
		PostTrans	Right	1.14 (37.9 ± 2.3) *	0.94 (30.1 ± 0.7)	5.77 (7.8 ± 2.0) *	1.32 (38.5 ± 1.9)
P12	<b>(Forward)</b>	PreTrans	Center	---- (31.9 ± 3.4)	---- (26.3 ± 2.2)	---- (5.6 ± 2.9)	---- (35.3 ± 2.7)
		PostTrans	Left	0.84 (26.7 ± 0.7) *	1.01 (26.5 ± 0.7) *	0.06 (0.3 ± 0.2) *	0.34 ( 12.0 ± 7.6) *
		PostTrans	Right	1.25 (40.0 ± 3.3) *	0.69 (18.2 ± 1.4) *	3.88 (21.8 ± 3.7) *	1.41 (49.9 ± 3.4) *
P14	<b>(Forward)</b>	PreTrans	Center	---- (38.2 ± 7.3)	---- (31.1 ± 3.3)	---- (7.1 ± 4.5)	---- (32.9 ± 3.3)
		PostTrans	Left	0.75 (28.9 ± 3.4) *	0.92 (28.8 ± 3.1)	0.05 (0.3 ± 0.3) *	0.13 (4.4 ± 6.3) *
		PostTrans	Right	1.10 (42.2 ± 3.4)	0.67 (20.8 ± 2.0) *	3.01 (21.4 ± 3.2) *	1.53 (50.2 ± 2.9) *
Q4	<b>(Forward)</b>	PreTrans	Center	---- (28.5 ± 1.5)	---- ( 26.3 ± 1.3)	---- (2.2 ± 0.6)	---- (38.9 ± 2.9)
		PostTrans	Left	0.95 (27.0 ± 0.9) *	0.98 (25.8 ± 0.8)	0.58 (1.2 ± 0.9) *	0.62 (24.3 ± 1.6) *
		PostTrans	Right	1.13 (32.2 ± 1.4) *	1.06 (27.9 ± 1.1) *	2.01 (4.3 ± 0.8) *	1.32 (51.5 ± 2.0) *
S5	<b>(Forward)</b>	PreTrans	Center	---- (33.0 ± 1.5)	---- (23.9 ± 2.2)	---- (9.1 ± 3.1)	---- (43.4 ± 1.8)
		PostTrans	Left	0.84 (27.8 ± 1.3) *	1.11 (26.4 ± 0.9) *	0.15 (1.3 ± 0.6) *	0.47 ( 23.7 ± 2.0) *
		PostTrans	Right	1.07 (35.5 ± 1.7) *	0.69 (16.4 ± 1.9) *	2.11 (19.1 ± 2.5) *	1.40 (60.7 ± 2.4) *

\* indicates significantly different than initial eye position values (two-tailed t-test)