

Table 1.

Subject demographics for all groups/conditions; each group had ten subjects.

	Age (yrs)	Height (cm)	Mass (kg)	Sex (F/M)	DHI
Circular Path - Previously Seen	22.4 ± 3.03	175.2 ± 11.3	68.3 ± 14.22	5/5	8/100
Circular Path - Guided	21.8 ± 3.08	168.9 ± 6.68	61.4 ± 6.90	6/4	10/100
Figure of eight Path - Previously Seen	23.5 ± 4.19	169.8 ± 5.78	59.5 ± 7.13	7/3	8/100
Figure of eight Path - Guided	22.2 ± 4.02	172 ± 7.70	62.1 ± 10.24	7/3	12/100

Note: DHI = Dizziness Handicap Inventory

Table 2.

Group means (standard deviation) for circular and figure of eight path for all conditions ($p < .05$) for direction travelled, distance travelled, and walking speed.

	Trajectory error (m)	Distance Travelled Error (m)	Walking Speed (m/s)
Circular Path - Previously Seen	$0.45 \pm 0.26^{*,\text{¥},\ddagger}$	$10.70 \pm 1.9^\dagger$	$0.31 \pm 0.09^\text{¥}$
Circular Path - Guided	$0.32 \pm 0.19^*$	$9.95 \pm 2.17^\dagger$	0.26 ± 0.07
Figure of Eight Path - Previously Seen	$0.75 \pm 0.22^\text{¥}$	13.83 ± 2.03 NS	$0.33 \pm 0.10^\text{¥}$
Figure of Eight Path - Guided	1.59 ± 0.61	15.43 ± 2.89 NS	0.26 ± 0.08

* main effect of the curved path factor, ¥ main effect of the sensory system factor, † significant differences with actual distance, \ddagger significant interactions, NS no significant differences.