

**Table 1.** The mean of demographic characteristics in two experimental (n = 12) and artificial (n = 12) groups

<b>Demographic characteristics</b>	<b>Experimental group</b>	<b>Artificial group</b>
<b>Age (year)</b>	37.66±7.47	39.08±6.18
<b>Height (cm)</b>	165.50±6.34	167.91±5.75
<b>Weight (kg)</b>	59.08±6.18	58.33±8.70

**Table 2.** The mean of simple and choice reaction time of the two groups in pre-test and post-test stages

<b>Variables</b>	<b>Pre-test</b>	<b>Post-test</b>
<b>Simple reaction time (milliseconds)</b>		
Experimental group	336.83±48.30	294.50±37.96
Artificial group	347.91±38.50	342.75±36.61
<b>Choice reaction time (milliseconds)</b>		
Experimental group	589.91±58.25	508.25±76.33
Artificial group	580.50±64.11	577.75±63.18

**Table 3.** Results of multivariate analysis of covariance analysis between experimental and artificial groups in simple and choice reaction times

<b>Variables</b>	<b>The sum of the squares of three</b>	<b>df</b>	<b>The mean of the squares of three</b>	<b>F</b>	<b>P value</b>	<b>Eta coefficient</b>
<b>Simple reaction times</b>						
Pre-test	19870.97	1	19870.97	38.86	0.0001	0.65
Group	9731.26	1	9731.26	19.3	0.0001	0.47
<b>Choice reaction times</b>						
Pre-test	75603.93	1	75603.93	48.99	0.0001	0.70
Group	36748.05	1	36748.05	36.99	0.0001	0.53