

:
/ / :
/ / :

() ()



()

(,)

()



.()

.()

.()

.()

()

.()

.()



,

,

.(, ,)

,

.()

.

()

.()

,

.

.

,

.

.

,

.



(JS-DIOO)

(P-9000)

()
(,)

.()

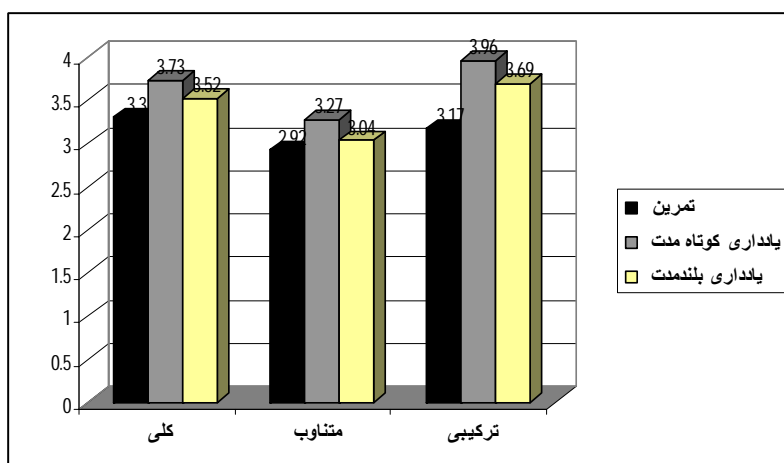
(

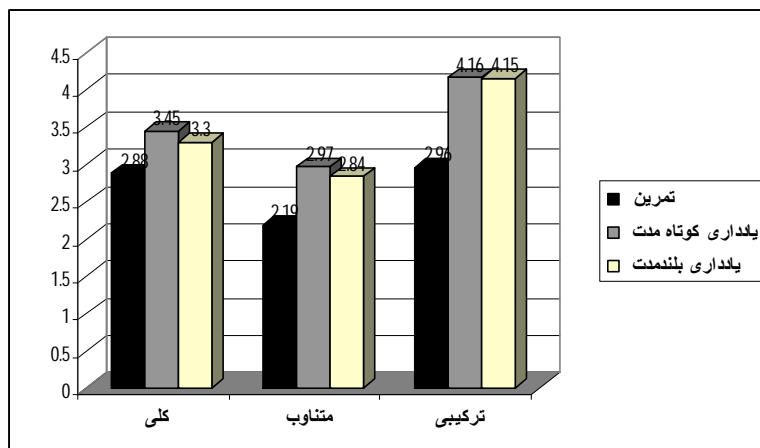
)

()

()

()





.(P = / , F = /) P < /

P = / F = /

P < /

\bar{X} = /

\bar{X} = /

-

	F				
/	/	/		/	
		/		/	
				/	

-

		(i-j)	(j)	(i)	
/	/	/			
/	/	/ *			
/	/	/			

(P = / F = /) P < /

(P = / F = /) P < /

P = / F = /
P < /

$\bar{X} = /$

$\bar{X} = /$

-

	F				
/	/	/		/	
		/		/	
				/	

-

		(i-j)	(j)	(i)	
/	/	/			
/	/	/ *			
/	/	/			

P = / **F** = /

P < /

= /

\bar{X} = /

\bar{X} = /

\bar{X}

-

	F				
/	/	/		/	
		/		/	
				/	

-

		(i-j)	(j)	(i)	
/	/	/			
/	/	/ *			
/	/	/ *			

.()

.(, ,)

()

()

()

()

.()

.(, , ,)

()



(,)

()

()

()

(

)

()

()

()

(,)



()

() () () ()

()

() () ()

-
4. **Armantier, O. (2004).** "Does observation influence learning?". *Journal of Games and Economic Behavior*, 46(2):PP:221-239.
 5. **Bandura, A. (1986).** "Social foundation of thought and action: a social cognitive theory". Englewood. Cliffs, NJ.Prentice-Hall.
 6. **Badets, A.,Blandin, Y.(2005).** "Observational learning;Effects of bandwidth knowledge of results". *Journal of Motor Behavior*. 37(3);PP:211-216.
 7. **Braaksma, M.A.H.Rijlaarsdama, G.Van Den Berg, H. (2005).** "Observational learning and the effects of model-observer similarity". *Journal of Educational Psychology*, 94(2); PP: 405-415.
 8. **Carroll, W.R & Bandura, A. (1990).** "Representational guidance of action production in observational learning" : a causal analysis : *Journal of Motor Behavior*, 22, PP:85-97.
 9. **Feltz, D.L. (1982).** "The effect of age and number of demonstration on modeling of form and performance : *Research Quarterly Exercise and Sport*, 53, PP:291-296.
 10. **Granados, C., Wulf, G. (2007).** "Enhancing motor learning through dyad practice ; Contributions of observation and dialogue". *Research Quarterly for Exercise and Sport*. 78(3); PP: 197-203.
 11. **Hirose, T.; Tsutsui, S.; Okuda, S; Imanaka, K.(2004).** "Effectiveness of the use of a learning model and concentrated schedule in observational learning of a new bimanual coordination pattern ; *International Journal of Sport and Health Science*, 2, PP: 97-104.
 12. **Horn, R.R., Williams, A.M.m Scott, M.A. (2002).** "Learning from demonstration: the role of visual search during observational : learning from video and point-light models : *Journal of Sports Science*, 20(3) ; PP: 253-269.

13. Huang, C.Y.(2000). "The effect of cooperative learning and model demonstration strategies on motor skill performance during video instruction: *proc.Notel .Sci.Counc*, 10(2); PP: 255-268.

14. Janelle, C.M ; Champenoy ,J.D.; Coombes, S.A. And Mousseau, M.B. (2003). "Mechanisms of attentional cueing during observational learning to facilitate motor skill acquisition". *Journal of Sports Sciences*, 21, PP: 825-830.

15. Kalapoda, E.; Michalopoulou, M.; Aggelousis, N. and Taxildaris, K. (2003). "Discovery learning and modeling movement studies", *Journal of Human Movement Studies*. 45(5); PP:433-448.

16. Landers, D.M. (1975). "Observational learning of a motor skill : Temporal spacing of demonstration and audience presence". *Journal of Motor Behavior*, 7, PP: 281-287.

17. Lee, T.D. , White, M.A. (1990). "Influence of unskilled models practice schedule on observational motor learning". *Human Movement science*, 9(3-5) , PP:349-369.

18. Magill, R.A. (1993). "Modeling and verbal feedback influences on skill learning". *International Journal of Psychology*, 24, PP:358-369.

19. McCullagh, P.Caird , J.K. (1990). "Correct and learning models and the use of models and the use of models knowledge of result in the acquisition and retention of a motor skill". *Journal of Human Movement Studies*, 18, PP:107-116.

20. McCullagh. P., Meyer, K.N. (1997). "Learning versus correct models": Influence of model Research Quarterly of Exercise and Sport, Type on the learning of a free-weight squat lift : 68(1); PP:56-61.

21. McGuire, W.J. (1961). "Some factors influence the effectiveness of demonstrational films: Repetition of instructions, slow motion, distribution of showing, and explanatory narration": In A.A.Lumsdaine, Students response in programmed instruction, PP:187-206.

22. Sideway , B., Hand , M.J. (1993). "Frequency of modeling effects on the acquisition and retention of motor skill": *Research Quarterly for Exercise and Sport*, 64; PP:122-126.

23. Thomas, J.R., Pierce, C.,Ridsdale, S. (1997). "Age differences in children ability to model motor behavior":*Research Quarterly of Exercise and Sport*, 48,PP:592-597.

24. Weeks, L.D., Anderson, I.P. (2000). "The interaction of observational learning with overt practice : Effects motor skill learning": *Acta Psychologica*, 104(2) ; PP:259-271.

25. Weeks, D.,L., Choi, J. (1992). “Modelling the perceptual component of a coincident timing skill” : *Journal of Human Movement Studies*, 23 ; PP:201-213.