

Table 7:

Comparisons of epistemic beliefs, pedagogic beliefs and instructional practices by age

ANOVA							
	Factor: Age		Sum of Squares	df	Mean Square	F	Sig.
1	Innate/Fixed Ability	Between Groups	14.056	3	4.685	1.089	.358
		Within Groups	413.104	96	4.303		
		Total	427.160	99			
2	Learning Effort/Process	Between Groups	23.469	3	7.823	1.650	.183
		Within Groups	455.041	96	4.740		
		Total	478.510	99			
3	Criticizing Authority (Authority/Expert Knowledge)	Between Groups	2.832	3	.944	.452	.716
		Within Groups	200.408	96	2.088		
		Total	203.240	99			
4		Between Groups	42.987	3	14.329	2.765	.046

	Certainty Knowledge	Within Groups	497.573	96	5.183		
		Total	540.560	99			
		Between Groups	9.263	3	3.088	.692	.559
5	Constructivist Conception	Within Groups	428.577	96	4.464		
		Total	437.840	99			
		Between Groups	15.328	3	5.109	.801	.496
6	Traditional Conception	Within Groups	612.462	96	6.380		
		Total	627.790	99			
		Between Groups	.714	3	.238	.057	.982
7	Standard Contemporary Practice	Within Groups	399.476	96	4.161		
		Total	400.190	99			
		Between Groups	10.254	3	3.418	.829	.481
8	Focused Instruction	Within Groups	395.986	96	4.125		

		Total	406.240	99			
		Between	12.812	3	4.271	.944	.422
		Groups					
9	Flexible Grouping Practice	Within Groups	434.178	96	4.523		
		Total	446.990	99			
