

Table 8:

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

ANOVA							
Factor: Qualification			Sum of Squares	df	Mean Square	F	Sig.
		Between Groups	13.706	2	6.853	1.608	.206
1	Innate/Fixed Ability	Within Groups	413.454	97	4.262		
		Total	427.160	99			
		Between Groups	4.806	2	2.403	.492	.613
2	Learning Effort/Process	Within Groups	473.704	97	4.884		
		Total	478.510	99			
		Between Groups	17.514	2	8.757	4.573	.013
3	Criticizing Authority (Authority/Expert Knowledge)	Within Groups	185.726	97	1.915		

		Total	203.240	99			
		Between Groups	.311	2	.155	.028	.972
4	Certainty Knowledge	Within Groups	540.249	97	5.570		
		Total Between Groups	540.560 8.249	99 2	4.125	.931	.398
5	Constructivist Conception	Within Groups	429.591	97	4.429		
		Total Between Groups	437.840 17.051	99 2	8.526	1.354	.263
6	Traditional Conception	Within Groups	610.739	97	6.296		
		Total Between Groups	627.790 5.569	99 2	2.784	.684	.507
7	Standard Contemporary Practice	Within Groups	394.621	97	4.068		

		Total	400.190	99			
		Between Groups	18.255	2	9.128	2.282	.108
8	Focused Instruction	Within Groups	387.985	97	4.000		
		Total	406.240	99			
		Between Groups	11.991	2	5.995	1.337	.267
9	Flexible Grouping Practice	Within Groups	434.999	97	4.485		
		Total	446.990	99			
