

Table 12:

*Comparisons of epistemic beliefs, pedagogic beliefs and instructional practices by job experience*

ANOVA							
Factor: Experience			Sum of Squares	df	Mean Square	F	Sig.
1	Innate/Fixed Ability	Between Groups	19.833	4	4.958	1.156	.335
		Within Groups	407.327	95	4.288		
		Total	427.160	99			
2	Learning Effort/Process	Between Groups	9.586	4	2.397	.486	.746
		Within Groups	468.924	95	4.936		
		Total	478.510	99			
3	Criticizing Authority (Authority/Expert Knowledge)	Between Groups	19.047	4	4.762	2.456	.051
		Within Groups	184.193	95	1.939		
		Total	203.240	99			

4	Certainty Knowledge	Between Groups	49.145	4	12.286	2.375	.057
		Within Groups	491.415	95	5.173		
		Total	540.560	99			
5	Constructivist Conception	Between Groups	4.829	4	1.207	.265	.900
		Within Groups	433.011	95	4.558		
		Total	437.840	99			
6	Traditional Conception	Between Groups	19.138	4	4.785	.747	.563
		Within Groups	608.652	95	6.407		
		Total	627.790	99			
7	Standard Contemporary Practice	Between Groups	20.509	4	5.127	1.283	.282
		Within Groups	379.681	95	3.997		
		Total	400.190	99			

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		Between Groups	12.145	4	3.036	.732	.572
8	Focused Instruction	Within Groups	394.095	95	4.148		
		Total	406.240	99			
		Between Groups	13.601	4	3.400	.745	.564
9	Flexible Grouping Practice	Within Groups	433.389	95	4.562		
		Total	446.990	99			

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