

Appendix B

Analysis of Best Domain per Group

For each UK class, each group created two Domains, whereas for the 2012 Romania class the students only created one domain per group. This table considers only the best domain created by each group to make comparison between the groups easier.

Class	Group	Concepts	Relationships	Relationship Types
<i>2012RO</i>	G3	73	0	0
<i>2012RO</i>	G7	14	9	1
<i>2012RO</i>	G1	51	0	0
<i>2012RO</i>	G5	39	9	1
<i>2012RO</i>	G6	49	7	2
<i>2012RO</i>	G4	34	0	0
<i>2012RO</i>	G8	37	8	1
<i>2012RO</i>	G2	18	9	1
<i>2012UK</i>	SLJ	52	0	0
<i>2012UK</i>	Alpha	18	0	0
<i>2012UK</i>	WetMonkey	27	0	0
<i>2012UK</i>	FMV	31	0	0
<i>2012UK</i>	FFZ	26	0	0
<i>2012UK</i>	IceCream	22	0	0
<i>2010UK</i>	Trifactor	57	0	0
<i>2010UK</i>	Group1	38	0	0
<i>2010UK</i>	IntangibleBacon	37	0	0
<i>2010UK</i>	Group T	24	0	0
<i>2010UK</i>	MDK	24	0	0
<i>2010UK</i>	Group S	26	0	0
<i>2010UK</i>	NPE	23	0	0

Table 1 The number of concepts and (non-Parent) relationships created

Group	N	Mean	Std. Deviation
<i>2010 UK (MOT3.1)</i>	7	32.71	12.43
<i>2012 UK (MOT4)</i>	6	29.33	11.96
<i>2012 RO (MOT4)</i>	8	39.38	15.01

Table 2 Mean and Standard Deviation for each group

ANOVA

Concepts

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	371.649	2	185.824	.809	.461
Within Groups	4136.637	18	229.813		
Total	4508.286	20			

Table 3 ANOVA analysis for the three groups

Whilst the average number of concepts created by the Romanian group was slightly higher, Table 2 shows that the ANOVA analysis did not find the difference to be statistically significant. Similarly, on average, more concepts were created by the 2010 CS411 group than the 2012 CS411 group although this is also not statistically significant.