





























































































































































































































































































































































		Participant	1	2	3	4	5	6	7	8	9	10	11	12		
Demographic Information		Education Domain (Art, Humanities, Science)	H	A	H	S	A	A	A	H	S	H	A	A		
		Gender (Male:  , Female: )														
		Age (Min: 22, Average: 28, Max:43)														
		Higher Education (1year:  , 8years: )														
	Self rated on 5-point likert scale	Proficiency programming (1:  , 5: )														
		Proficiency drawing (1:  , 5: )														
		Proficiency create infovis (1:  , 5: )														
		Proficiency read infovis (1:  , 5: )														
		Frequently work with data (1:  , 5: )														
	over a year	Frequency of reading infovis. (5:  , >3500: )														
Frequency of creating infovis. (5:  , >3500: )																
Time Spent	##	Total time (Min: 40, Average: 70, Max:103)														
	Minutes	Task 1 (Min: 5, Average: 10, Max:28)														
		Task 2 (Min: 2, Average: 5, Max:14)														
		Task 3 (Min: 3, Average: 7, Max:17)														
Logical Tasks Perormed	##	Number of operations (97:  , 295: )														
	##	Computed new values (yes:  , no: )														
	##	Created Meta-category (yes:  , no: )														
	##	Aggregated (yes:  , no: )														
	##	Unitize (yes:  , no: )														
	##	Changed mapping btw task A & B (yes:  , no: )														
	##	Data transform. btw. task A & B (yes:  , no: )														
Interview	##	Would use a similar technique (yes:  , no: )														
	##	Rethought infovis during update (yes:  , no: )														
		Considered updating (easy:  or complex: )														
	Internalization of token mapping	Did you manipulate object (yes:  , no:  , null: )														
		Did you manipulate data (yes:  , no:  , null: )														
Questionnaire answers		Enjoyed building a infovis (Strongly Agree:  , S. Disagree: )														
		Would do it again (Strongly Agree:  , S. Disagree: )														
		Would do it with others data (S. Agree:  , S. Disagree: )	