Thank you for participating in the study. Please answer the following questions.

Part 1: Demographic Survey

1.	What is your age?					
2.	What is your gender?					
	[] Female [] Male [] Prefer not to identify	/				
3.	Which program are you	u in (e.g. M	S HCI, MS	Analytics,	and PhD	CS)?
4.	Are you a native speak	er of Englis	sh?			
	[] Yes [] No					
5.	How would you rate yo	ur fluency i	n written E	nglish?		
	[] Fully Fluent [] Proficient [] Intermediate [] Beginner					
6.	Please estimate your e	experience l	evel in dat	a analysis	(circle you	ur answer).
	1 2 (novice)	3	4	5	6	7 (expert)

Part 2: Task-Related Survey

1. Consider the first tasks you performed with interface A and interface B...

Colleges	Colleges	Attribute
Region = New England	Region = Southeast	Average Cost
Colleges	Colleges	Attribute
Locale = Remote Rural	Locale = Distant Rural	Completion Rate

a. Which interface made it easier to articulate the above visual language (in other words, which interface made it easier to specify the above pairwise comparison questions)?

1	2	3	4	5	6	7	
interface A		neutral			interface B		
much easier						much easier	

b. Which interface would you prefer to perform the above tasks?

[] Interface A [] Interface B

2.	Consider the s	econd ta	sks you p	erformed w	ith interfa	ace A and	interface B
A	Colleges Control = Private Average Family In	come <= 3500		Colleges Control = Public Everage Family	Income >= 90	Averaç	ibute ge Faculty Salary
(4	Colleges Region = Great L Average Age of E			Colleges gion = Far Westerage Age of En		Attribute	e Per Student
a.	Which interface other words, w comparison qu	hich interf					
	1 interface A much easier	2	3	4 neutral	5	6	7 interface B much easier
b.	Which interface	e would yo	ou prefer t	o perform t	the above	e tasks?	
	[] Interface A [] Interface B						

	Colleges Locale = Large City AND Admission Rate >= 0.8 Control = Private	AND Adi	Colleges cale = Small City mission Rate >= 0.		Attributes Expenditure P Average Cost	er Student
	Colleges Control = Private AND Completion Rate <= 0. Region = Outlying Area	5 AND Co	Colleges ontrol = Public ompletion Rate <= egion = Outlying A		Attribut % Full-time Poverty Ra	Faculty
a.	Which interface made other words, which intercomparison questions	terface made				U
	1 2 interface A much easier	3	4 neutral	5	6	7 interface E much easie
b.	Which interface would [] Interface A [] Interface B	d you prefer t	o perform th	e above	tasks?	

3. Consider the *third tasks* you performed with interface A and interface B...

Colleges Colleges Attributes Control = Public **Undergrad Population** Control = Private AND Region = Southeast Average Age of Entry AND Region = New England + % Full-time Faculty <= 0.5 + % Full-time Faculty >= 0.8 Name = Albany State University Name = Georgia Institute of Technology Colleges Attributes Colleges Region = Southeast Region = Far West Median Family Income Poverty Rate AND Locale = Small City AND Locale = Large City % Part-time Undergrads <= 0.2 + % Part-time Undergrads >= 0.2 Name = Georgia State University Name = Oregon State University a. Which interface made it easier to articulate the above visual language (in other words, which interface made it easier to specify the above pairwise comparison questions)? 1 2 3 5 6 7 interface B interface A neutral much easier much easier b. Which interface would you prefer to perform the above tasks? [] Interface A [] Interface B

4. Consider the *fourth tasks* you performed with interface A and interface B...