Scatter Plot Paired Rankings Activity

Names										Date
This ac										tterplots and correlation. In order to complete the activity you will need a e.
Steps:										
1.						er, ra	nk tl	ne fo	llowi	ng ten cafeteria foods in order from the food you like the most to the food
	you li	ке п	ne ie	east.				1.	Pizz	za
								2.	Cal	zone
									Har Frie	nburger
									Pre	
								6.	Sala	ad
									Coc	okies oken Sandwiches
										Cream
								10	. Pop	osicles
Re	cord y	our _l	orefe	eren	ces t	elov				
										per of the food I like the most is:
								ine The	numi	per of the food I like 2 nd most is: per of the food I like 3 rd most is:
								The	numl	per of the food I like 4 th most is:
								The	numl	per of the food I like 5 th most is: per of the food I like 6 th most is:
										per of the food I like 6 'most is: ber of the food I like 7 th most is:
								The	numl	per of the food I like 8 th most is:
										per of the food I like 9 th most is: per of the food I like the least:
								me	numi	Der of the food flike the least.
2.	if you	r 1 st e foo	favo	orite ou bo	food oth lik	is pi	zza con	and d mo	your st. Y	te your responses for the 10 items above as ordered pairs. For example partner's favorite food is Fries, write the ordered pair (1, 4). Then go on 'ou will have 10 ordered pairs. Whoever uses their choice as the x-te for all 10 ordered pairs.
	1 :-4 4				_:					
	List tl	те о	raer	ea p	airs	nere:				
3.	Plot v	our/	10 r	ooint	s on	the o	coor	dinat	e pla	ne below.
	" 1('			1 1				
	X X	9 –								4. Analyze the Data:The stronger the positive association, the more likely
	ie j	3 –								you and your partner would enjoy going out to eat
,	ete	7								together.
	֡֝֞֝֞֝֓֞֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	6								 The stronger the negative association, the less likely you and your partner would enjoy going out to eat
,	, 00.	5								together.
	ν. Σ	4							+	If the association is weak, then your agreement on
	1	3 —							+	dinner would be hit and miss.
	į.	$\frac{1}{2}$			-	+	-	+	H	What conclusions can you draw based upon your scatterplot?
	1	- 1 -							H	
	İ		4 0	\Box	4 5				\perp	

_____'s Food Preferences