Significant Changes Found between Round 1 and Round 2 by Members of Different Types of Organizations 1/19/06 (Communication variables)

^a Members from Diff. Organizations		Variables used in paired t tests	Mean values for Round 1	P values (t-	Vali d N ^b
_		- Communications	& Round 2 (SD)	statistics)	
All	All	Overall Group Electronic	0.7281 (0.69)	.002**	115
formal	Members	Communication average	1.0304 (1.13)	(-3.145)	
		Overall Group Traditional	1.5655 (0.50)	.065?	115
		Communication average	1.4384 (0.67)	(1.865)	
	Leaders	Overall Group Electronic	0.7926 (0.55)	.006**	68
	and	Communication average	1.0931 (0.79)	(-2.835)	
	Member	Overall Group Traditional	1.5421 (0.45)	.577	68
	Bridge (Bridge)	Communication average	1.5012 (0.61)	(0.561)	
	Rest of	Overall Group Electronic	0.6348 (0.86)	.097	47
	Members	Communication average	0.9397 (1.49)	(-1.695)	
	(Non-	Overall Group Traditional	1.5993 (0.57)	.055?	47
	Bridge)	Communication average	1.3475 (0.75)	(1.968)	
Civic	All	Group Overall	2.1962 (0.88)	.000**	26
/ Politics	Members	Communication average	3.0821 (0.79)	(-4.075)	
		Group Electronic	0.7212 (0.60)	.002**	26
		Communication average	1.3756 (0.79)	(-3.553)	
		Group Traditional	1.475 (0.65)	.066?	26
		Communication average	1.7064 (0.52)	(-1.921)	
	Leaders	Group Overall	2.3857 (0.78)	.006**	21
	and	Communication average	3.1016 (0.83)	(-3.102)	
	Member	Group Electronic	0.7976 (0.60)	.015*	21
	Bridge	Communication average	1.3698 (0.85)	(-2.668)	
	(Bridge)	Group Traditional	1.5881 (0.60)	.292	21
		Communication average	1.7317 (0.52)	(-1.083)	
	Rest of	Group Overall	1.4000 (0.89)	.035*	5
	Members	Communication average	3.0000 (0.70)	(-3.138)	
	(Non-	Group Electronic	0.4000 (0.55)	.034*	5
	Bridge)	Communication average	1.4000 (0.55)	(-3.162)	
		Group Traditional	1.0000 (0.71)	.070?	5
		Communication average	1.6000 (0.55)	(-2.449)	
Religious	All	Group Overall	2.3578 (1.1)	.014*	79
/ Support	Members	Communication average	2.7679 (1.4)	(-2.512)	
/ Charity		Group Electronic	0.6992 (0.83)	.005**	79
		Communication average	1.0833 (1.25)	(-2.884)	

		Group Traditional	1.6586 (0.55)	.688	79
		Group Traditional	1.6846 (0.51)		19
	Leaders	Crown Overall	2.3076 (1.01)	(-0.403)	48
	and	Group Overall	` /		48
	Member	Communication average	2.8194 (0.79)	(-3.202)	40
		Group Electronic	0.6299 (0.75)	.001**	48
	Bridge	Communication average	1.0955 (0.74)	(-3.655)	40
	(Bridge)	Group Traditional	1.6778 (0.49)	.548	48
	D	Communication average	1.7240 (0.41)	(-0.605)	21
	Rest of	Group Overall	2.4355 (1.23)	.489	31
	Members	Communication average	2.6882 (2.02)	(-0.751)	1
	(Non-	Group Electronic	0.8065 (0.95)	.361	31
	Bridge)	Communication average	1.0645 (1.79)	(-0.928)	
		Group Traditional	1.6290 (0.63)	.963	31
		Communication average	1.6237 (0.66)	(-0.047)	
Educatio	All	Group Overall	2.4167 (0.88)	.113	17
n /	Members	Communication average	3.0098 (1.43)	(-1.675)	
Professio		Group Electronic	0.7402 (0.72)	.028*	17
nal		Communication average	1.4216 (1.11)	(-2.408)	
		Group Traditional	1.6765 (0.47)	.636	17
		Communication average	1.5882 (0.64)	(0.482)	
	Leaders	Group Overall	2.5060 (0.87)	.066?	14
	and	Communication average	3.2976 (1.40)	(-2.007)	
	Member	Group Electronic	0.8274 (0.73)	.050*	14
	Bridge	Communication average	1.5476 (1.15)	(-2.164)	
	(Bridge)	Group Traditional	1.6786 (0.45)	.720	14
		Communication average	1.7500 (0.58)	(-0.366)	
	Rest of	Group Overall	2.0000 (1.00)	.667	3
	Members	Communication average	1.6667 (0.58)	(0.500)	
	(Non-	Group Electronic	0.3333 (0.58)	.423	3
	Bridge)	Communication average	0.8333 (0.76)	(-1.000)	
	Briage	Group Traditional	1.6667 (0.58)	.038*	3
		Communication average	0.8333 (0.29)	(5.000)	
Social	All	Group Overall	2.4607 (1.04)	.021*	40
Social	Members	Communication average	2.9667 (1.04)	(-2.403)	40
	Wichiocis	Group Electronic	0.9857 (0.69)	.051?	40
		Communication average	\ /	(-2.012)	40
			1.2750 (0.92)		40
		Group Traditional	1.4750 (0.68)	.336	40
	т 1	Communication average	1.5917 (0.65)	(-0.974)	2.5
	Leaders	Group Overall	2.4980 (1.01)	.034*	35
	and	Communication average	2.8762 (1.05)	(-2.203)	25
	Member	Group Electronic	1.0122 (0.68)	.055?	35
	Bridge	Communication average	1.3143 (0.88)	(-1.991)	1
	(Bridge)	Group Traditional	1.4857 (0.66)	.568	35
		Communication average	1.5691 (0.63)	(-0.577)	
	Rest of	Group Overall	2.2000 (1.30)	.426	5
	Members	Communication average	2.8000 (1.10)	(-0.885)	

(Non-	Group Electronic	0.8000 (0.84)	.704	5
Bridge)	Communication average	1.0000 (1.22)	(-0.408)	
	Group Traditional	1.4000 (0.89)	.178	5
	Communication average	1.8000 (0.84)	(-1.633)	

^aMembers of each type of organizations were defined as the subjects who belong to the same type of organizations both in round 1 and round 2. (i.e. subjects belong to the organization either in round 1 or round 2 were not counted as members in this analysis).

^bAlthough 156 subjects in the round 1 survey, 19 subjects dropped off in the round 2. (Six new cases were added in round 2. Hence, the sample size of round 2 becomes 143). There are 137 cases in the merged file in which each case has measures on both round 1 and round 2. Twenty two subjects reported that they did not belong to any formal organization in round 1.

[?] p approaches significant level

^{*} p < .05 ** p < .01

Significant Changes Found between Round 1 and Round 2 by Members of Different Types of Organizations 1/20/06 (Involvement)

^a Members from Diff.		Variables used in paired t tests	Mean values	P values	Val
Organizati	ons	- Involvement	for Round 1	(t-	id
			& Round 2	statistics)	N^{b}
	1		(SD)		
All	All	Overall Group Involvement	2.3883 (0.98)	.044*	115
formal	Members	average	2.6313 (1.45)	(-2.038)	
		Overall Group Active	1.0002 (0.60)	.000**	115
		Participation	1.3705 (0.92)	(-5.183)	
		Overall Group Passive	1.3880 (0.57)	.065?	115
		Participation	1.2608 (0.72)	(1.864)	
	Leaders and	Overall Group Involvement	2.3748 (0.81)	.040*	68
	Member	average	2.6901 (1.34)	(-2.092)	
	Bridge	Overall Group Active	0.9832 (0.49)	.000**	68
	(Bridge)	Participation	1.3422 (0.90)	(-3.920)	
		Overall Group Passive	1.3915 (0.49)	.618	68
		Participation	1.3479 (0.68)	(0.501)	
	Rest of	Overall Group Involvement	2.4078 (1.18)	.481	47
	Members	average	2.5461 (1.60)	(-0.710)	
	(Non-	Overall Group Active	1.0248 (0.73)	.002**	47
	Bridge)	Participation	1.4113 (0.68)	(-3.357)	
		Overall Group Passive	1.3830 (0.68)	.027*	47
		Participation 1	1.1348 (0.77)	(2.291)	
Civic	All	Overall Group Involvement	2.5859 (1.08)	.190	26
/ Politics	Members	average	2.9231 (1.31)	(-1.348)	
		Overall Group Active	0.9897 (0.78)	.079?	26
		Participation	1.3321 (1.01)	(-1.829)	
		Overall Group Passive	1.5962 (0.51)	.962	26
		Participation	1.5910 (0.62)	(0.048)	
	Leaders and	Overall Group Involvement	2.7254 (0.98)	.309	21
	Member	average	3.0000 (1.25)	(-1.045)	
	Bridge	Overall Group Active	1.0349 (0.72)	.180	21
	(Bridge)	Participation	1.3159 (1.01)	(-1.390)	
		Overall Group Passive	1.6905 (0.49)	.956	21
		Participation	1.6841 (0.54)	(0.056)	
	Rest of	Overall Group Involvement	2.0000 (1.41)	.468	5
	Members	average	2.6000 (1.67)	(-0.802)	
	(Non-	Overall Group Active	0.8000 (1.10)	.305	5
	Bridge)	Participation	1.4000 (1.14)	(-1.177)	
		Overall Group Passive	1.2000 (0.45)	1.000	5
		Participation	1.2000 (0.84)	(0.000)	
Religious	All	Overall Group Involvement	2.6899 (1.06)	.000**	79
/ Support	Members	average	3.2869 (1.40)	(-4.674)	

/ Charity		Overall Group Active	1.1388 (069)	.000**	79
J		Participation	1.7416 (0.97)	(-6.670)	
		Overall Group Passive	1.5511 (0.61)	.934	79
		Participation	1.5454 (0.65)	(0.083)	
	Leaders and	Overall Group Involvement	2.7292 (0.97)	.001**	48
	Member	average	3.3056 (1.30)	(-3.520)	
	Bridge	Overall Group Active	1.1347 (0.62)	.000**	48
	(Bridge)	Participation	1.7205 (0.93)	(-4.973)	
		Overall Group Passive	1.5944 (0.57)	.919	48
		Participation	1.5851 (0.59)	(0.102)	
	Rest of	Overall Group Involvement	2.6290 (1.20)	.005**	31
	Members	average	3.2581 (1.57)	(-3.034)	
	(Non-	Overall Group Active	1.1452 (0.79)	.000**	31
	Bridge)	Participation	1.7742 (1.06)	(-4.403)	
		Overall Group Passive	1.4839 (0.68)	1.000	31
		Participation	1.4839 (0.72)	(0.000)	
Educatio	All	Overall Group Involvement	2.0539 (1.15)	.257	17
n/	Members	average	2.5196 (1.30)	(-1.176)	1
Professio		Overall Group Active	0.8480 (0.81)	.109	17
nal		Participation	1.2451 (0.89)	(-1.697)	1
		Overall Group Passive	1.2059 (0.69)	.749	17
		Participation Participation	1.2745 (0.78)	(-0.325)	1,
	Leaders and	Overall Group Involvement	2.2083 (1.06)	.557	14
	Member	average	2.4881 (1.20)	(-0.602)	1.
	Bridge	Overall Group Active	0.8869 (0.77)	.393	14
	(Bridge)	Participation	1.1190 (0.84)	(-0.884)	1.
		Overall Group Passive	1.3214 (0.67)	.849	14
		Participation Participation	1.3690 (0.72)	(-0.194)	1 .
	Rest of	Overall Group Involvement	1.3333 (1.53)	.057?	3
	Members	average	2.6667 (2.08)	(-4.000)	
	(Non-	Overall Group Active	0.6667 (1.15)	.020*	3
	Bridge)	Participation	1.8333 (1.04)	(-7.000)	
		Overall Group Passive	0.6667 (0.58)	.742	3
		Participation	0.8333 (1.04)	(-0.378)	
Social	All	Overall Group Involvement	2.3827 (0.94)	.010**	40
2001	Members	average	2.8771 (1.15)	(-2.706)	
		Overall Group Active	1.0372 (0.63)	.000**	40
		Participation	1.5813 (0.87)	(-4.639)	10
		Overall Group Passive	1.3455 (0.60)	.685	40
		Participation	1.2958 (0.70)	(0.409)	
	Leaders and	Overall Group Involvement	2.4660 (0.87)	.015*	35
	Member	average	2.9738 (1.16)	(-2.561)	
	Bridge	Overall Group Active	1.0425 (0.63)	.000**	35
	(Bridge)	Participation	1.6071 (0.91)	(-4.574)	
	(Diluge)	Overall Group Passive	1.4235 (0.53)	.672	35
		()verall (from Passive	1 1 4/45 111 541	1 h / /	4.7

Rest of	Overall Group Involvement	1.8000 (1.30)	.477	5
Members	average	2.2000 (0.84)	(-0.784)	
(Non-	Overall Group Active	1.0000 (0.71)	.374	5
Bridge)	Participation	1.4000 (0.55)	(-1.000)	
	Overall Group Passive	0.8000 (0.84)	1.000	5
	Participation	0.8000 (0.84)	(0.000)	

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Significant Changes Found between Round 1 and Round 2 by Members of Different Types of Organizations 1/20/06 (Other variables)

^a Members from Diff.		Variables used in paired t tests	Mean values	P values	Val
Organizations		_	for Round 1 & Round 2 (SD)	(t- statistics)	id N ^b
All formal	All Members	Internet Commerce Activities	2.0446 (0.86) 2.1636 (0.83)	.021* (-2.349)	109
		Internet Health Activities- Physical, Mental, Social	1.9312 (0.90) 2.0673 (0.88)	.062?	109
	Leaders and Member	Interest in Computer	3.8381 (1.52) 4.1286 (1.44)	.051? (-2.024)	35
	Bridge (Bridge)	Internet Commerce Activities	1.8011 (0.77) 2.0161 (0.78)	.057? (-1.976)	31
		Interest in Organizations/Affiliations	3.9143 (1.33) 3.4857 (0.99)	.044* (2.089)	35
	Rest of Members (Non- Bridge)	Internet Health Activities- Physical, Mental, Social	1.5000 (0.66) 1.8333 (0.80)	.057? (-4.000)	3
Civic / Politics	All Members	Interest in Social Activities	3.0798 (1.00) 2.9533 (0.60)	.062? (1.951)	26
		Internet Civic Activities	2.7083 (1.00) 2.9635 (0.92)	.048* (-2.178)	24
		Community Activism	2.7782 (0.67) 2.9546 (0.65)	.059? (-1.975)	26
		Community Participation	3.1293 (0.53) 3.2635 (0.48)	.036* (-2.213)	26
	Leaders and Member	Internet Leisure/Entertainment Activities	1.9298 (0.50) 2.2218 (0.52)	.043* (-2.178)	19
	Bridge (Bridge)	Community Activism	2.7857 (0.75) 3.0175 (0.69)	.041* (-2.188)	21
		Community Participation	3.1821 (0.58) 3.3365 (0.46)	.026*	21
	Rest of Members	Internet Commerce Activities	2.9333 (0.66) 3.2000 (0.55)	.035* (-3.138)	5
	(Non- Bridge)	Internet Leisure/Entertainment Activities	2.5000 (0.53) 2.2500 (0.61)	.034* (3.162)	5
		Internet Civic Activities	2.7500 (1.05) 3.1750 (0.95)	.018*	5
Religious / Support	All Members	Internet Commerce Activities	1.8518 (0.78) 1.9897 (0.77)	.043*	65
/ Charity	Leaders and Member	Interest in Political Activities	1.2396 (0.39) 1.3229 (0.47)	.019*	48
	Bridge	Interest in	3.6042 (1.32)	.034*	48

	(Bridge)	Organizations/Affiliations	3.2292 (1.14)	(2.188)	
		Interest in Community Social	3.1372 (0.67)	.041*	48
		Engagement	3.3125 (0.72)	(-2.099)	
	Rest of	Interest in Political Activities	2.9182 (0.56)	.057?	31
	Members		2.8531 (0.49)	(1.976)	
	(Non-				
	Bridge)				
Educatio	All	Internet Political Activities	1.2857 (0.33)	.022*	14
n /	Members		1.4643 (0.41)	(-2.599)	
Professio		Interest in Community Social	2.9559 (0.70)	.046*	17
nal		Engagement	3.2206 (0.68)	(-2.167)	
	Leaders and	Internet Political Activities	1.3182 (0.35)	.076?	11
	Member		1.4848 (0.42)	(-1.982)	
	Bridge				
	(Bridge)				
	Rest of	Internet Leisure/Entertainment	2.8571 (0.35)	.007**	3
	Members	Activities	2.4167 (0.40)	(12.166)	
	(Non-	Internet Social Activities	3.1111 (1.36)	.012*	3
	Bridge)		3.7444 (1.44)	(-9.127)	
Social	All	Interest in Computer	3.9231 (1.52)	.068?	39
	Members		4.1838 (1.39)	(-1.877)	
	Leaders and	Interest in Computer	3.8381 (1.51)	.051?	35
	Member		4.1286 (1.44)	(-2.024)	
	Bridge	Internet Commerce Activities	1.8011 (0.77)	.057?	35
	(Bridge)		2.0161 (0.78)	(-1.976)	
		Interest in	3.9143 (1.33)	.044*	35
		Organizations/Affiliations	3.4857 (0.99)	(2.089)	
	Rest of	Internet Health Activities-	1.5000 (0.66)	.057?	3
	Members	Physical, Mental, Social	1.8333 (0.80)	(-4.000)	
	(Non-				
	Bridge)				

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