

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

		Group Traditional Communication average	1.6586 (0.55) 1.6846 (0.51)	.688 (-0.403)	79
	Leaders and Member Bridge (Bridge)	Group Overall Communication average	2.3076 (1.01) 2.8194 (0.79)	.002** (-3.202)	48
		Group Electronic Communication average	0.6299 (0.75) 1.0955 (0.74)	.001** (-3.655)	48
	Rest of Members (Non- Bridge)	Group Traditional Communication average	1.6778 (0.49) 1.7240 (0.41)	.548 (-0.605)	48
		Group Overall Communication average	2.4355 (1.23) 2.6882 (2.02)	.489 (-0.751)	31
		Group Electronic Communication average	0.8065 (0.95) 1.0645 (1.79)	.361 (-0.928)	31
		Group Traditional Communication average	1.6290 (0.63) 1.6237 (0.66)	.963 (-0.047)	31
Educatio n / Professio nal	All Members	Group Overall Communication average	2.4167 (0.88) 3.0098 (1.43)	.113 (-1.675)	17
		Group Electronic Communication average	0.7402 (0.72) 1.4216 (1.11)	.028* (-2.408)	17
		Group Traditional Communication average	1.6765 (0.47) 1.5882 (0.64)	.636 (0.482)	17
	Leaders and Member Bridge (Bridge)	Group Overall Communication average	2.5060 (0.87) 3.2976 (1.40)	.066? (-2.007)	14
		Group Electronic Communication average	0.8274 (0.73) 1.5476 (1.15)	.050* (-2.164)	14
		Group Traditional Communication average	1.6786 (0.45) 1.7500 (0.58)	.720 (-0.366)	14
	Rest of Members (Non- Bridge)	Group Overall Communication average	2.0000 (1.00) 1.6667 (0.58)	.667 (0.500)	3
		Group Electronic Communication average	0.3333 (0.58) 0.8333 (0.76)	.423 (-1.000)	3
		Group Traditional Communication average	1.6667 (0.58) 0.8333 (0.29)	.038* (5.000)	3
Social	All Members	Group Overall Communication average	2.4607 (1.04) 2.9667 (1.04)	.021* (-2.403)	40
		Group Electronic Communication average	0.9857 (0.69) 1.2750 (0.92)	.051? (-2.012)	40
		Group Traditional Communication average	1.4750 (0.68) 1.5917 (0.65)	.336 (-0.974)	40
	Leaders and Member Bridge (Bridge)	Group Overall Communication average	2.4980 (1.01) 2.8762 (1.05)	.034* (-2.203)	35
		Group Electronic Communication average	1.0122 (0.68) 1.3143 (0.88)	.055? (-1.991)	35
		Group Traditional Communication average	1.4857 (0.66) 1.5691 (0.63)	.568 (-0.577)	35
	Rest of Members	Group Overall Communication average	2.2000 (1.30) 2.8000 (1.10)	.426 (-0.885)	5

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

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

/ Charity		Overall Group Active Participation	1.1388 (0.69) 1.7416 (0.97)	.000** (-6.670)	79
		Overall Group Passive Participation	1.5511 (0.61) 1.5454 (0.65)	.934 (0.083)	79
	Leaders and Member Bridge (Bridge)	Overall Group Involvement average	2.7292 (0.97) 3.3056 (1.30)	.001** (-3.520)	48
		Overall Group Active Participation	1.1347 (0.62) 1.7205 (0.93)	.000** (-4.973)	48
		Overall Group Passive Participation	1.5944 (0.57) 1.5851 (0.59)	.919 (0.102)	48
	Rest of Members (Non-Bridge)	Overall Group Involvement average	2.6290 (1.20) 3.2581 (1.57)	.005** (-3.034)	31
		Overall Group Active Participation	1.1452 (0.79) 1.7742 (1.06)	.000** (-4.403)	31
		Overall Group Passive Participation	1.4839 (0.68) 1.4839 (0.72)	1.000 (0.000)	31
	Education / Professional	All Members	Overall Group Involvement average	2.0539 (1.15) 2.5196 (1.30)	.257 (-1.176)
Overall Group Active Participation			0.8480 (0.81) 1.2451 (0.89)	.109 (-1.697)	17
Overall Group Passive Participation			1.2059 (0.69) 1.2745 (0.78)	.749 (-0.325)	17
Leaders and Member Bridge (Bridge)		Overall Group Involvement average	2.2083 (1.06) 2.4881 (1.20)	.557 (-0.602)	14
		Overall Group Active Participation	0.8869 (0.77) 1.1190 (0.84)	.393 (-0.884)	14
		Overall Group Passive Participation	1.3214 (0.67) 1.3690 (0.72)	.849 (-0.194)	14
Rest of Members (Non-Bridge)		Overall Group Involvement average	1.3333 (1.53) 2.6667 (2.08)	.057? (-4.000)	3
		Overall Group Active Participation	0.6667 (1.15) 1.8333 (1.04)	.020* (-7.000)	3
		Overall Group Passive Participation	0.6667 (0.58) 0.8333 (1.04)	.742 (-0.378)	3
Social	All Members	Overall Group Involvement average	2.3827 (0.94) 2.8771 (1.15)	.010** (-2.706)	40
		Overall Group Active Participation	1.0372 (0.63) 1.5813 (0.87)	.000** (-4.639)	40
		Overall Group Passive Participation	1.3455 (0.60) 1.2958 (0.70)	.685 (0.409)	40
	Leaders and Member Bridge (Bridge)	Overall Group Involvement average	2.4660 (0.87) 2.9738 (1.16)	.015* (-2.561)	35
		Overall Group Active Participation	1.0425 (0.63) 1.6071 (0.91)	.000** (-4.574)	35
		Overall Group Passive Participation	1.4235 (0.53) 1.3667 (0.67)	.672 (0.428)	35

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

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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. Organizations		Variables used in paired t tests	Mean values for Round 1 & Round 2 (SD)	P values (t-statistics)	Valid 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? (-1.887)	109	
	Leaders and Member Bridge (Bridge)	Interest in Computer	3.8381 (1.52) 4.1286 (1.44)	.051? (-2.024)	35	
		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 Bridge (Bridge)	Internet Leisure/Entertainment Activities	1.9298 (0.50) 2.2218 (0.52)	.043* (-2.178)	19	
		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* (-2.407)	21	
	Rest of Members (Non-Bridge)	Internet Commerce Activities	2.9333 (0.66) 3.2000 (0.55)	.035* (-3.138)	5	
		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* (-3.900)	5	
	Religious / Support / Charity	All Members	Internet Commerce Activities	1.8518 (0.78) 1.9897 (0.77)	.043* (-2.062)	65
		Leaders and Member Bridge	Interest in Political Activities	1.2396 (0.39) 1.3229 (0.47)	.019* (-2.424)	48
Interest in			3.6042 (1.32)	.034*	48	

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

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