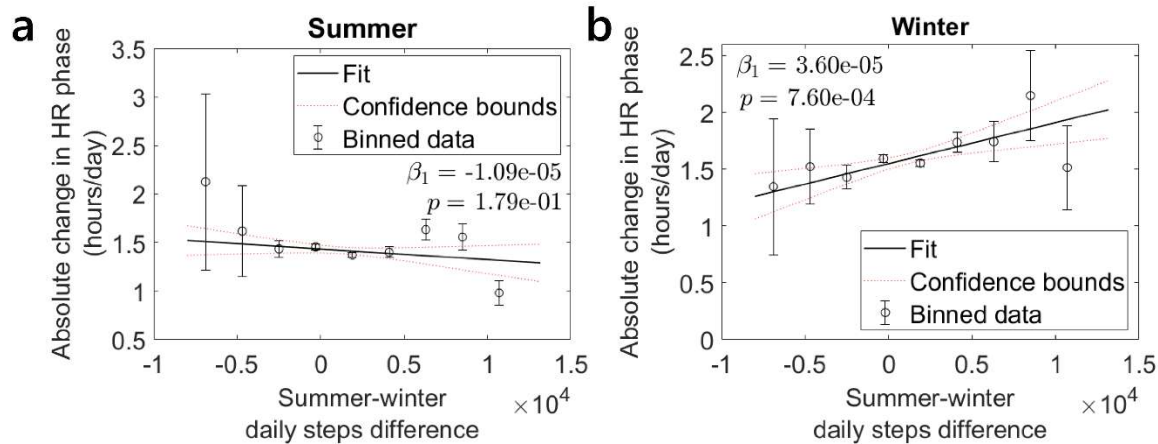
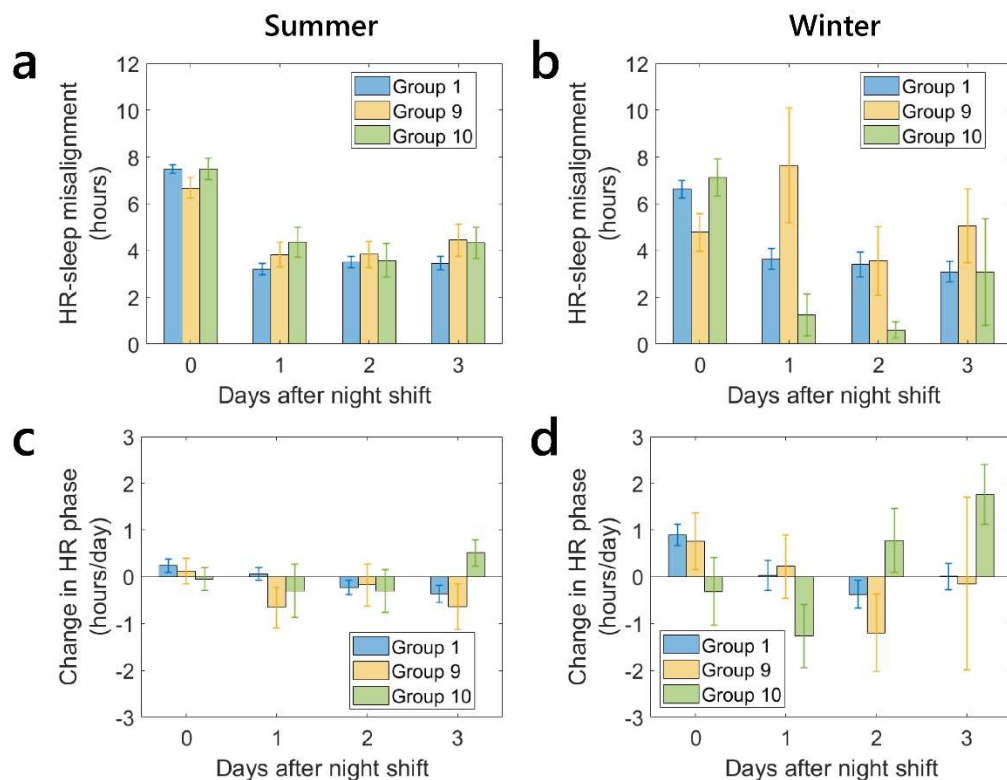




Supplementary Figure 1: Average absolute daily change in HR phase in the summer (panel a) and winter (panel b) versus individuals' summer-winter daily steps difference. In the winter, larger summer-winter differences are significantly associated with larger daily changes in HR phase. The adjusted R^2 is 0.0061 for the winter analysis. Error bars indicate standard error of the mean.



Supplementary Figure 2: Participants' HR-sleep misalignment and change in HR phase during and after single night shifts that take place after at least 18 days of day schedules. Error bars indicate standard error of the mean.

Model: GEE_HRsleep_misal

Size: [15 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	16.08	0.00	0.00	0.00
group	0.02	0.01	2.59	0.01	0.00	0.03
cons	3.65	0.06	65.97	0.00	3.54	3.75
pc1	12.76	1.66	7.67	0.00	9.50	16.02
pc2	5.53	2.44	2.27	0.02	0.75	10.32
pc3	0.26	1.74	0.15	0.88	-3.15	3.67
pc4	2.94	1.57	1.87	0.06	-0.14	6.01
pc5	1.41	1.64	0.86	0.39	-1.80	4.62
pc6	7.67	1.53	5.01	0.00	4.67	10.68
pc7	-6.31	1.59	-3.96	0.00	-9.43	-3.19
pc8	-3.47	1.46	-2.38	0.02	-6.32	-0.61
pc9	18.72	4.76	3.94	0.00	9.40	28.05
pc10	-20.94	5.32	-3.94	0.00	-31.36	-10.52

Model: GEE_dailysteps

Size: [15 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.49	0.14	-3.56	0.00	-0.75	-0.22
group	-15.95	4.98	-3.20	0.00	-25.70	-6.19
cons	8797.48	36.15	243.36	0.00	8726.63	8868.34
pc1	12554.62	1175.20	10.68	0.00	10251.27	14857.97
pc2	-345.78	1815.61	-0.19	0.85	-3904.32	3212.76
pc3	22778.30	1250.31	18.22	0.00	20327.74	25228.86
pc4	4965.14	1130.88	4.39	0.00	2748.65	7181.63
pc5	-9493.21	1162.28	-8.17	0.00	-11771.23	-7215.18
pc6	10254.69	1043.02	9.83	0.00	8210.42	12298.97
pc7	1846.41	1162.61	1.59	0.11	-432.26	4125.09
pc8	-3820.15	1087.09	-3.51	0.00	-5950.80	-1689.49
pc9	8899.86	3440.15	2.59	0.01	2157.29	15642.43
pc10	-2610.22	3866.45	-0.68	0.50	-10188.33	4967.89

Model: GEE_timeawake

Size: [15 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.91	0.36	-0.00	0.00
group	0.01	0.00	2.54	0.01	0.00	0.02
cons	15.58	0.04	356.16	0.00	15.49	15.66
pc1	3.77	1.07	3.51	0.00	1.67	5.87
pc2	-14.32	1.52	-9.41	0.00	-17.30	-11.34
pc3	3.02	1.14	2.65	0.01	0.78	5.25
pc4	-3.66	1.05	-3.50	0.00	-5.72	-1.61

dayofyear	0.00	0.00	9.74	0.00	0.00	0.00
group	-0.05	0.02	-2.68	0.01	-0.09	-0.01
cons	3.54	0.07	48.34	0.00	3.39	3.68
pc1	10.22	2.50	4.08	0.00	5.32	15.13
pc2	6.54	3.30	1.98	0.05	0.08	13.00
pc3	-1.00	2.47	-0.40	0.69	-5.83	3.84
pc4	2.29	2.13	1.08	0.28	-1.87	6.46
pc5	0.42	2.16	0.20	0.85	-3.81	4.65
pc6	7.41	2.26	3.27	0.00	2.97	11.85
pc7	-9.85	2.05	-4.81	0.00	-13.87	-5.83
pc8	-8.77	2.00	-4.39	0.00	-12.69	-4.86
pc9	36.31	6.78	5.36	0.00	23.02	49.60
pc10	-48.29	7.58	-6.37	0.00	-63.14	-33.44

Groups: [1 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	9.02	0.00	0.00	0.00
group	0.03	0.02	1.69	0.09	-0.00	0.06
cons	3.50	0.07	47.76	0.00	3.35	3.64
pc1	6.11	2.22	2.75	0.01	1.75	10.46
pc2	6.00	3.05	1.97	0.05	0.02	11.98
pc3	-7.11	2.51	-2.83	0.00	-12.03	-2.19
pc4	4.88	2.38	2.06	0.04	0.23	9.54
pc5	-1.31	1.97	-0.66	0.51	-5.17	2.56
pc6	9.81	2.00	4.90	0.00	5.89	13.74
pc7	-7.78	2.33	-3.33	0.00	-12.35	-3.20
pc8	-9.55	2.17	-4.40	0.00	-13.81	-5.30
pc9	18.97	6.66	2.85	0.00	5.92	32.01
pc10	-29.27	7.53	-3.89	0.00	-44.02	-14.51

Groups: [1 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.92	0.00	0.00	0.00
group	-0.01	0.01	-1.17	0.24	-0.04	0.01
cons	3.53	0.07	49.03	0.00	3.39	3.67
pc1	11.42	2.28	5.00	0.00	6.94	15.89
pc2	5.07	2.89	1.76	0.08	-0.59	10.72
pc3	-3.05	2.08	-1.47	0.14	-7.13	1.03
pc4	6.34	2.32	2.73	0.01	1.79	10.89
pc5	-3.46	2.30	-1.51	0.13	-7.96	1.04
pc6	8.77	2.24	3.91	0.00	4.38	13.16
pc7	-5.78	2.33	-2.48	0.01	-10.35	-1.20
pc8	-7.07	2.12	-3.33	0.00	-11.23	-2.90
pc9	15.32	6.76	2.27	0.02	2.07	28.56
pc10	-21.90	7.51	-2.92	0.00	-36.62	-7.19

Groups: [1 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.32	0.00	0.00	0.00
group	-0.01	0.01	-0.44	0.66	-0.03	0.02
cons	3.56	0.07	49.43	0.00	3.42	3.70
pc1	9.29	2.44	3.81	0.00	4.50	14.07
pc2	7.50	3.27	2.29	0.02	1.09	13.91
pc3	-3.86	2.64	-1.46	0.14	-9.04	1.31
pc4	7.89	2.32	3.40	0.00	3.35	12.43
pc5	-4.61	2.15	-2.15	0.03	-8.81	-0.40
pc6	7.30	2.22	3.29	0.00	2.96	11.65
pc7	-9.12	2.31	-3.95	0.00	-13.65	-4.59
pc8	-11.51	2.10	-5.48	0.00	-15.62	-7.39
pc9	37.99	7.13	5.33	0.00	24.02	51.96
pc10	-44.46	7.88	-5.64	0.00	-59.91	-29.01

Groups: [1 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.98	0.00	0.00	0.00
group	0.00	0.01	0.20	0.84	-0.02	0.02
cons	3.50	0.07	47.66	0.00	3.35	3.64
pc1	12.98	2.25	5.77	0.00	8.58	17.39
pc2	7.94	2.65	2.99	0.00	2.74	13.14
pc3	-2.84	2.51	-1.13	0.26	-7.75	2.07
pc4	8.12	2.43	3.34	0.00	3.35	12.88
pc5	2.35	2.01	1.17	0.24	-1.59	6.30
pc6	4.51	1.91	2.36	0.02	0.77	8.25
pc7	-7.39	2.37	-3.12	0.00	-12.03	-2.74
pc8	-9.79	2.27	-4.32	0.00	-14.24	-5.34
pc9	28.47	6.70	4.25	0.00	15.34	41.61
pc10	-40.50	7.42	-5.46	0.00	-55.04	-25.96

Groups: [1 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.02	0.00	0.00	0.00
group	0.04	0.01	3.83	0.00	0.02	0.05
cons	3.50	0.07	47.69	0.00	3.36	3.65
pc1	12.49	2.40	5.20	0.00	7.78	17.20
pc2	5.01	2.81	1.78	0.07	-0.50	10.52
pc3	1.59	2.39	0.67	0.51	-3.09	6.27
pc4	-1.92	2.43	-0.79	0.43	-6.68	2.84
pc5	0.48	2.35	0.21	0.84	-4.11	5.08
pc6	5.87	2.22	2.65	0.01	1.52	10.21
pc7	-6.09	2.40	-2.54	0.01	-10.79	-1.39

pc8	-15.46	2.18	-7.08	0.00	-19.74	-11.18
pc9	25.27	7.41	3.41	0.00	10.74	39.80
pc10	-29.19	8.24	-3.54	0.00	-45.33	-13.04

Groups: [1 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.86	0.00	0.00	0.00
group	0.02	0.01	2.45	0.01	0.00	0.04
cons	3.48	0.07	47.64	0.00	3.33	3.62
pc1	8.75	2.32	3.77	0.00	4.20	13.29
pc2	6.13	3.15	1.95	0.05	-0.05	12.31
pc3	-4.78	2.57	-1.86	0.06	-9.82	0.27
pc4	5.00	2.52	1.98	0.05	0.06	9.94
pc5	-4.71	2.04	-2.31	0.02	-8.71	-0.71
pc6	8.93	2.03	4.39	0.00	4.94	12.91
pc7	-4.99	2.54	-1.97	0.05	-9.96	-0.02
pc8	-11.60	2.18	-5.32	0.00	-15.88	-7.33
pc9	24.31	7.38	3.30	0.00	9.85	38.77
pc10	-34.74	8.30	-4.19	0.00	-51.01	-18.47

Groups: [2 3]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	13.64	0.00	0.00	0.00
group	0.05	0.06	0.86	0.39	-0.07	0.18
cons	3.17	0.16	19.94	0.00	2.86	3.48
pc1	14.14	3.83	3.69	0.00	6.63	21.64
pc2	20.16	10.60	1.90	0.06	-0.62	40.93
pc3	-0.26	2.70	-0.09	0.92	-5.55	5.04
pc4	4.34	2.85	1.53	0.13	-1.24	9.92
pc5	-3.79	4.07	-0.93	0.35	-11.77	4.20
pc6	8.81	2.07	4.25	0.00	4.75	12.88
pc7	7.23	3.13	2.31	0.02	1.09	13.37
pc8	5.16	2.07	2.50	0.01	1.11	9.21
pc9	-0.98	7.41	-0.13	0.90	-15.51	13.55
pc10	8.70	7.88	1.10	0.27	-6.75	24.14

Groups: [2 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	12.19	0.00	0.00	0.00
group	-0.12	0.03	-3.74	0.00	-0.18	-0.06
cons	3.60	0.11	33.52	0.00	3.39	3.82
pc1	10.68	4.05	2.64	0.01	2.75	18.61
pc2	10.70	10.53	1.02	0.31	-9.93	31.33
pc3	5.49	2.88	1.91	0.06	-0.15	11.13

pc4	0.92	2.36	0.39	0.70	-3.71	5.54
pc5	6.92	3.47	2.00	0.05	0.12	13.71
pc6	2.77	2.80	0.99	0.32	-2.72	8.27
pc7	-2.70	2.36	-1.14	0.25	-7.33	1.93
pc8	4.28	1.95	2.20	0.03	0.46	8.11
pc9	5.85	7.31	0.80	0.42	-8.47	20.18
pc10	-7.72	7.94	-0.97	0.33	-23.29	7.84

Groups: [2 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	11.37	0.00	0.00	0.00
group	0.03	0.02	1.21	0.23	-0.02	0.07
cons	3.36	0.09	35.59	0.00	3.17	3.54
pc1	7.66	2.87	2.67	0.01	2.03	13.29
pc2	9.43	6.21	1.52	0.13	-2.74	21.59
pc3	-1.38	2.83	-0.49	0.63	-6.94	4.17
pc4	5.06	2.44	2.07	0.04	0.27	9.86
pc5	0.25	2.72	0.09	0.93	-5.07	5.58
pc6	7.08	2.43	2.92	0.00	2.33	11.84
pc7	3.10	2.63	1.18	0.24	-2.05	8.25
pc8	5.22	2.10	2.49	0.01	1.11	9.34
pc9	-7.43	7.03	-1.06	0.29	-21.21	6.34
pc10	5.57	7.77	0.72	0.47	-9.66	20.80

Groups: [2 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	11.47	0.00	0.00	0.00
group	-0.03	0.02	-1.84	0.07	-0.06	0.00
cons	3.45	0.09	39.61	0.00	3.28	3.62
pc1	15.37	2.65	5.81	0.00	10.18	20.56
pc2	1.69	5.04	0.34	0.74	-8.18	11.57
pc3	-1.07	2.28	-0.47	0.64	-5.53	3.39
pc4	11.26	2.74	4.11	0.00	5.89	16.63
pc5	-2.56	3.95	-0.65	0.52	-10.31	5.19
pc6	6.29	2.76	2.28	0.02	0.89	11.70
pc7	7.93	2.89	2.74	0.01	2.25	13.60
pc8	7.01	2.04	3.43	0.00	3.01	11.01
pc9	-10.48	7.14	-1.47	0.14	-24.47	3.51
pc10	14.27	7.68	1.86	0.06	-0.79	29.33

Groups: [2 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	11.07	0.00	0.00	0.00
group	-0.02	0.01	-1.67	0.10	-0.05	0.00

cons	3.47	0.09	39.69	0.00	3.29	3.64
pc1	8.40	3.86	2.17	0.03	0.83	15.97
pc2	16.93	9.96	1.70	0.09	-2.60	36.45
pc3	2.19	3.09	0.71	0.48	-3.87	8.25
pc4	11.12	2.65	4.20	0.00	5.93	16.31
pc5	-7.17	3.39	-2.11	0.03	-13.82	-0.52
pc6	2.84	2.71	1.05	0.29	-2.47	8.16
pc7	4.69	2.87	1.63	0.10	-0.94	10.32
pc8	4.58	2.05	2.23	0.03	0.55	8.60
pc9	7.17	7.70	0.93	0.35	-7.93	22.27
pc10	-0.96	8.24	-0.12	0.91	-17.11	15.19

Groups: [2 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	11.63	0.00	0.00	0.00
group	-0.01	0.01	-0.53	0.60	-0.03	0.02
cons	3.40	0.09	39.43	0.00	3.23	3.56
pc1	12.06	2.45	4.91	0.00	7.25	16.86
pc2	14.41	4.02	3.59	0.00	6.54	22.28
pc3	3.74	2.80	1.34	0.18	-1.75	9.24
pc4	7.86	2.55	3.08	0.00	2.86	12.86
pc5	9.20	2.82	3.27	0.00	3.68	14.72
pc6	1.42	2.22	0.64	0.52	-2.93	5.77
pc7	4.33	2.73	1.58	0.11	-1.03	9.68
pc8	5.47	2.19	2.50	0.01	1.18	9.76
pc9	1.12	7.33	0.15	0.88	-13.25	15.50
pc10	-3.40	7.83	-0.43	0.66	-18.75	11.95

Groups: [2 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	10.78	0.00	0.00	0.00
group	0.04	0.01	3.72	0.00	0.02	0.06
cons	3.30	0.08	39.55	0.00	3.14	3.47
pc1	14.52	2.71	5.36	0.00	9.21	19.83
pc2	2.32	4.51	0.51	0.61	-6.52	11.17
pc3	6.85	2.66	2.58	0.01	1.64	12.05
pc4	-1.66	2.79	-0.60	0.55	-7.13	3.80
pc5	11.76	4.09	2.87	0.00	3.73	19.78
pc6	0.71	2.77	0.26	0.80	-4.72	6.14
pc7	2.22	2.91	0.76	0.45	-3.48	7.93
pc8	0.78	2.12	0.37	0.71	-3.38	4.94
pc9	-4.43	7.92	-0.56	0.58	-19.95	11.08
pc10	11.17	8.52	1.31	0.19	-5.53	27.87

Groups: [2 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	11.34	0.00	0.00	0.00
group	0.02	0.01	1.76	0.08	-0.00	0.04
cons	3.33	0.08	39.71	0.00	3.16	3.49
pc1	12.24	3.12	3.93	0.00	6.13	18.35
pc2	5.43	7.08	0.77	0.44	-8.44	19.30
pc3	-0.67	2.97	-0.23	0.82	-6.50	5.16
pc4	10.53	2.87	3.67	0.00	4.91	16.15
pc5	-4.67	2.91	-1.60	0.11	-10.38	1.04
pc6	5.31	2.41	2.20	0.03	0.59	10.04
pc7	11.82	3.26	3.63	0.00	5.43	18.21
pc8	4.36	2.13	2.04	0.04	0.18	8.54
pc9	-8.73	7.97	-1.09	0.27	-24.36	6.90
pc10	10.44	8.70	1.20	0.23	-6.61	27.50

Groups: [3 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	9.06	0.00	0.00	0.00
group	-0.34	0.08	-4.26	0.00	-0.49	-0.18
cons	3.98	0.34	11.83	0.00	3.32	4.64
pc1	70.50	16.61	4.24	0.00	37.94	103.06
pc2	-143.99	51.29	-2.81	0.00	-244.51	-43.47
pc3	-11.06	5.41	-2.05	0.04	-21.65	-0.47
pc4	-2.31	3.33	-0.69	0.49	-8.83	4.22
pc5	27.36	6.02	4.55	0.00	15.57	39.15
pc6	7.78	2.82	2.76	0.01	2.26	13.30
pc7	-6.06	2.90	-2.09	0.04	-11.75	-0.37
pc8	0.66	2.75	0.24	0.81	-4.72	6.05
pc9	33.90	9.39	3.61	0.00	15.50	52.30
pc10	-29.56	10.51	-2.81	0.00	-50.16	-8.96

Groups: [3 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.27	0.00	0.00	0.00
group	0.04	0.04	0.88	0.38	-0.04	0.11
cons	3.30	0.19	17.37	0.00	2.93	3.67
pc1	12.38	3.47	3.57	0.00	5.59	19.18
pc2	7.68	7.24	1.06	0.29	-6.51	21.87
pc3	-11.86	3.87	-3.07	0.00	-19.44	-4.29
pc4	-2.86	3.44	-0.83	0.41	-9.60	3.88
pc5	0.31	3.09	0.10	0.92	-5.74	6.37
pc6	13.75	2.40	5.73	0.00	9.05	18.44
pc7	-4.57	3.47	-1.32	0.19	-11.38	2.24
pc8	1.80	3.32	0.54	0.59	-4.71	8.31
pc9	4.81	9.09	0.53	0.60	-13.00	22.63

pc10	-0.10	10.38	-0.01	0.99	-20.44	20.24
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Groups: [3 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.19	0.00	0.00	0.00
group	-0.06	0.03	-2.44	0.01	-0.12	-0.01
cons	3.57	0.16	22.71	0.00	3.26	3.88
pc1	24.45	3.17	7.72	0.00	18.24	30.66
pc2	-0.75	5.46	-0.14	0.89	-11.45	9.94
pc3	-4.63	2.63	-1.76	0.08	-9.79	0.53
pc4	4.37	3.67	1.19	0.23	-2.82	11.55
pc5	-2.96	5.59	-0.53	0.60	-13.92	8.00
pc6	14.04	2.76	5.09	0.00	8.63	19.44
pc7	-0.10	3.70	-0.03	0.98	-7.35	7.15
pc8	7.75	3.11	2.49	0.01	1.66	13.83
pc9	1.51	9.31	0.16	0.87	-16.74	19.77
pc10	16.29	10.19	1.60	0.11	-3.67	36.25

Groups: [3 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	7.59	0.00	0.00	0.00
group	-0.05	0.02	-2.21	0.03	-0.09	-0.01
cons	3.70	0.17	22.32	0.00	3.38	4.03
pc1	3.94	8.35	0.47	0.64	-12.42	20.30
pc2	54.06	24.50	2.21	0.03	6.05	102.08
pc3	-0.78	4.76	-0.16	0.87	-10.11	8.55
pc4	0.95	3.64	0.26	0.79	-6.18	8.08
pc5	-12.05	4.60	-2.62	0.01	-21.07	-3.03
pc6	10.62	2.67	3.98	0.00	5.39	15.85
pc7	-5.98	3.79	-1.58	0.11	-13.40	1.44
pc8	1.45	3.14	0.46	0.64	-4.69	7.60
pc9	46.30	10.58	4.38	0.00	25.56	67.03
pc10	-22.99	11.41	-2.01	0.04	-45.36	-0.62

Groups: [3 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.28	0.00	0.00	0.00
group	-0.01	0.02	-0.55	0.59	-0.05	0.03
cons	3.41	0.14	23.54	0.00	3.12	3.69
pc1	22.60	3.02	7.48	0.00	16.68	28.53
pc2	11.09	4.29	2.59	0.01	2.68	19.50
pc3	0.66	3.86	0.17	0.86	-6.91	8.23
pc4	1.79	3.65	0.49	0.62	-5.37	8.94
pc5	11.04	3.24	3.40	0.00	4.68	17.40

pc6	4.60	2.21	2.09	0.04	0.28	8.92
pc7	-3.36	3.64	-0.92	0.36	-10.51	3.78
pc8	6.33	3.71	1.71	0.09	-0.95	13.61
pc9	28.23	9.69	2.91	0.00	9.23	47.23
pc10	-22.32	10.33	-2.16	0.03	-42.56	-2.08

Groups: [3 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	6.56	0.00	0.00	0.00
group	0.03	0.02	1.87	0.06	-0.00	0.06
cons	3.47	0.14	24.66	0.00	3.19	3.74
pc1	25.57	3.41	7.49	0.00	18.88	32.27
pc2	2.62	4.77	0.55	0.58	-6.74	11.97
pc3	6.02	3.40	1.77	0.08	-0.65	12.69
pc4	-29.46	3.85	-7.66	0.00	-37.01	-21.92
pc5	35.82	5.98	5.99	0.00	24.10	47.54
pc6	4.53	2.74	1.65	0.10	-0.85	9.91
pc7	-3.29	3.75	-0.88	0.38	-10.63	4.05
pc8	-12.91	3.30	-3.91	0.00	-19.38	-6.44
pc9	29.21	11.69	2.50	0.01	6.29	52.13
pc10	7.48	12.69	0.59	0.56	-17.39	32.34

Groups: [3 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	8.37	0.00	0.00	0.00
group	0.02	0.01	1.66	0.10	-0.00	0.05
cons	3.19	0.14	23.24	0.00	2.92	3.46
pc1	18.90	3.93	4.81	0.00	11.19	26.61
pc2	1.17	8.78	0.13	0.89	-16.04	18.37
pc3	-7.48	4.11	-1.82	0.07	-15.54	0.57
pc4	-3.07	4.10	-0.75	0.45	-11.10	4.96
pc5	-8.22	3.37	-2.44	0.01	-14.82	-1.62
pc6	11.03	2.39	4.62	0.00	6.35	15.71
pc7	4.91	4.60	1.07	0.29	-4.10	13.92
pc8	1.24	3.38	0.37	0.71	-5.39	7.87
pc9	5.91	11.30	0.52	0.60	-16.24	28.05
pc10	12.73	12.79	1.00	0.32	-12.33	37.79

Groups: [4 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	6.38	0.00	0.00	0.00
group	0.21	0.08	2.65	0.01	0.06	0.37
cons	2.60	0.37	7.02	0.00	1.87	3.32
pc1	-5.32	4.95	-1.08	0.28	-15.02	4.37

pc2	-2.52	7.33	-0.34	0.73	-16.87	11.84
pc3	-2.37	4.67	-0.51	0.61	-11.51	6.78
pc4	3.47	2.74	1.26	0.21	-1.91	8.84
pc5	5.89	2.86	2.06	0.04	0.29	11.49
pc6	1.51	4.56	0.33	0.74	-7.41	10.44
pc7	-12.40	2.57	-4.82	0.00	-17.44	-7.36
pc8	1.68	2.87	0.59	0.56	-3.94	7.30
pc9	31.62	9.12	3.47	0.00	13.74	49.49
pc10	-47.64	10.76	-4.43	0.00	-68.73	-26.56

Model: pairwiseGEE_dailysteps
Size: [45 2]

Groups: [1 2]
Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.84	0.20	-4.18	0.00	-1.23	-0.44
group	-155.77	40.62	-3.83	0.00	-235.39	-76.15
cons	8994.13	75.38	119.32	0.00	8846.39	9141.87
pc1	10347.25	1745.67	5.93	0.00	6925.79	13768.71
pc2	6909.39	3174.70	2.18	0.03	687.09	13131.69
pc3	18751.91	1907.69	9.83	0.00	15012.92	22490.91
pc4	865.14	1865.01	0.46	0.64	-2790.22	4520.50
pc5	-12172.02	1939.34	-6.28	0.00	-15973.06	-8370.98
pc6	18290.59	1479.05	12.37	0.00	15391.70	21189.47
pc7	-1339.61	2014.64	-0.66	0.51	-5288.23	2609.00
pc8	520.81	1668.05	0.31	0.75	-2748.52	3790.13
pc9	-1490.71	5302.71	-0.28	0.78	-11883.84	8902.41
pc10	2726.46	5846.49	0.47	0.64	-8732.46	14185.37

Groups: [1 3]
Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.62	0.24	-2.57	0.01	-1.10	-0.15
group	138.13	28.42	4.86	0.00	82.43	193.82
cons	8683.73	68.66	126.48	0.00	8549.16	8818.29
pc1	-3773.02	2036.10	-1.85	0.06	-7763.71	217.67
pc2	8234.20	3281.81	2.51	0.01	1801.97	14666.42
pc3	24156.43	2209.77	10.93	0.00	19825.36	28487.50
pc4	10667.76	2254.59	4.73	0.00	6248.84	15086.67
pc5	-17231.39	2063.23	-8.35	0.00	-21275.25	-13187.53
pc6	30632.79	1761.32	17.39	0.00	27180.67	34084.92
pc7	-2324.27	2335.21	-1.00	0.32	-6901.20	2252.65
pc8	-3036.41	2014.48	-1.51	0.13	-6984.72	911.90
pc9	26918.55	6290.27	4.28	0.00	14589.85	39247.25
pc10	-13566.22	7069.92	-1.92	0.06	-27423.01	290.56

Groups: [1 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-1.20	0.24	-4.98	0.00	-1.67	-0.73
group	41.33	18.76	2.20	0.03	4.57	78.10
cons	8888.44	63.26	140.51	0.00	8764.46	9012.42
pc1	-9691.39	2329.01	-4.16	0.00	-14256.16	-5126.61
pc2	6954.17	3336.89	2.08	0.04	413.98	13494.35
pc3	31168.34	2393.33	13.02	0.00	26477.50	35859.18
pc4	6276.64	2010.04	3.12	0.00	2337.03	10216.25
pc5	-15516.32	1991.83	-7.79	0.00	-19420.23	-11612.41
pc6	35115.10	2122.03	16.55	0.00	30956.00	39274.20
pc7	12461.61	2003.24	6.22	0.00	8535.33	16387.89
pc8	-9649.81	1936.46	-4.98	0.00	-13445.20	-5854.43
pc9	7960.74	6361.82	1.25	0.21	-4508.21	20429.69
pc10	2831.97	7161.00	0.40	0.69	-11203.34	16867.28

Groups: [1 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.65	0.24	-2.66	0.01	-1.13	-0.17
group	-88.07	14.90	-5.91	0.00	-117.26	-58.87
cons	8916.36	61.64	144.65	0.00	8795.55	9037.17
pc1	-7258.75	2011.32	-3.61	0.00	-11200.86	-3316.64
pc2	2249.26	2947.84	0.76	0.45	-3528.39	8026.91
pc3	16397.92	2389.75	6.86	0.00	11714.10	21081.75
pc4	10610.29	2183.82	4.86	0.00	6330.08	14890.50
pc5	-13105.23	1828.39	-7.17	0.00	-16688.81	-9521.65
pc6	24967.47	1712.40	14.58	0.00	21611.22	28323.71
pc7	10258.84	2199.31	4.66	0.00	5948.27	14569.41
pc8	-2328.04	2061.17	-1.13	0.26	-6367.85	1711.78
pc9	-3464.07	6247.72	-0.55	0.58	-15709.39	8781.24
pc10	-1809.11	7114.89	-0.25	0.80	-15754.04	12135.81

Groups: [1 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.78	0.25	-3.07	0.00	-1.27	-0.28
group	112.32	12.51	8.98	0.00	87.80	136.84
cons	8709.67	62.42	139.54	0.00	8587.34	8832.00
pc1	-4300.08	2148.15	-2.00	0.05	-8510.38	-89.79
pc2	4997.99	2740.95	1.82	0.07	-374.18	10370.17
pc3	28270.22	2143.75	13.19	0.00	24068.54	32471.89
pc4	-2349.11	2196.15	-1.07	0.28	-6653.48	1955.26
pc5	-16801.32	2115.57	-7.94	0.00	-20947.77	-12654.87
pc6	30907.03	2097.74	14.73	0.00	26795.54	35018.52
pc7	3938.98	2231.12	1.77	0.08	-433.93	8311.90
pc8	10679.52	2074.22	5.15	0.00	6614.12	14744.92

pc9	-3331.51	6214.95	-0.54	0.59	-15512.58	8849.56
pc10	21732.98	7025.94	3.09	0.00	7962.39	35503.57

Groups: [1 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.90	0.26	-3.50	0.00	-1.41	-0.40
group	45.24	10.93	4.14	0.00	23.82	66.67
cons	8785.92	62.23	141.19	0.00	8663.95	8907.88
pc1	-10522.25	2336.67	-4.50	0.00	-15102.04	-5942.46
pc2	3616.92	3297.57	1.10	0.27	-2846.19	10080.03
pc3	26034.61	2682.36	9.71	0.00	20777.28	31291.95
pc4	-8204.90	2232.36	-3.68	0.00	-12580.24	-3829.56
pc5	-20586.77	1967.53	-10.46	0.00	-24443.05	-16730.48
pc6	31506.66	2131.67	14.78	0.00	27328.67	35684.64
pc7	-743.49	2298.15	-0.32	0.75	-5247.78	3760.81
pc8	-5838.12	2072.26	-2.82	0.00	-9899.66	-1776.57
pc9	26775.67	6551.26	4.09	0.00	13935.43	39615.92
pc10	-23600.97	7364.09	-3.20	0.00	-38034.33	-9167.62

Groups: [1 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.94	0.25	-3.72	0.00	-1.44	-0.45
group	-32.83	9.88	-3.32	0.00	-52.19	-13.46
cons	8894.67	60.71	146.50	0.00	8775.68	9013.67
pc1	-5445.31	2029.40	-2.68	0.01	-9422.86	-1467.76
pc2	5613.71	2536.01	2.21	0.03	643.22	10584.20
pc3	23159.68	2482.69	9.33	0.00	18293.70	28025.66
pc4	-2907.00	2234.55	-1.30	0.19	-7286.64	1472.64
pc5	-14357.44	1729.35	-8.30	0.00	-17746.90	-10967.98
pc6	31554.98	1824.17	17.30	0.00	27979.67	35130.29
pc7	7392.79	2255.41	3.28	0.00	2972.28	11813.30
pc8	-3278.42	2150.89	-1.52	0.13	-7494.09	937.26
pc9	6686.41	6285.06	1.06	0.29	-5632.09	19004.91
pc10	-3661.93	7077.72	-0.52	0.60	-17534.00	10210.14

Groups: [1 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.85	0.25	-3.40	0.00	-1.34	-0.36
group	8.02	8.53	0.94	0.35	-8.70	24.73
cons	8820.28	59.59	148.01	0.00	8703.48	8937.08
pc1	-8239.30	2183.63	-3.77	0.00	-12519.15	-3959.46
pc2	2202.99	2886.02	0.76	0.45	-3453.51	7859.48
pc3	25651.85	2212.13	11.60	0.00	21316.16	29987.55
pc4	-9579.17	2106.93	-4.55	0.00	-13708.67	-5449.66

pc5	-19045.58	2012.62	-9.46	0.00	-22990.26	-15100.91
pc6	34819.11	2037.02	17.09	0.00	30826.63	38811.59
pc7	345.01	2046.63	0.17	0.87	-3666.30	4356.32
pc8	331.45	2027.51	0.16	0.87	-3642.40	4305.31
pc9	7035.72	6478.97	1.09	0.28	-5662.81	19734.26
pc10	7392.58	7326.93	1.01	0.31	-6967.95	21753.11

Groups: [1 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.56	0.25	-2.21	0.03	-1.06	-0.06
group	-92.99	7.91	-11.75	0.00	-108.49	-77.48
cons	8870.81	60.04	147.74	0.00	8753.13	8988.50
pc1	-14155.29	2096.09	-6.75	0.00	-18263.55	-10047.02
pc2	2331.66	3108.72	0.75	0.45	-3761.31	8424.64
pc3	25040.43	2505.09	10.00	0.00	20130.55	29950.31
pc4	-5039.24	2299.04	-2.19	0.03	-9545.27	-533.20
pc5	-20110.18	1906.23	-10.55	0.00	-23846.32	-16374.05
pc6	29409.93	1812.11	16.23	0.00	25858.25	32961.60
pc7	-742.21	2300.83	-0.32	0.75	-5251.75	3767.33
pc8	635.20	2062.54	0.31	0.76	-3407.31	4677.71
pc9	-3970.72	6640.05	-0.60	0.55	-16984.98	9043.55
pc10	9664.36	7556.13	1.28	0.20	-5145.37	24474.10

Groups: [2 3]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.36	0.24	-1.52	0.13	-0.84	0.11
group	506.80	56.92	8.90	0.00	395.23	618.37
cons	7425.25	140.29	52.93	0.00	7150.28	7700.21
pc1	46720.07	3420.85	13.66	0.00	40015.33	53424.82
pc2	-64189.00	9495.85	-6.76	0.00	-82800.53	-45577.46
pc3	12875.58	2313.71	5.56	0.00	8340.79	17410.37
pc4	12845.99	2521.65	5.09	0.00	7903.64	17788.34
pc5	15558.50	3669.09	4.24	0.00	8367.21	22749.79
pc6	1813.32	1705.44	1.06	0.29	-1529.28	5155.91
pc7	-7815.01	2797.32	-2.79	0.01	-13297.66	-2332.35
pc8	-5455.85	2001.56	-2.73	0.01	-9378.84	-1532.86
pc9	15260.41	6594.78	2.31	0.02	2334.89	28185.94
pc10	-9967.49	7135.74	-1.40	0.16	-23953.29	4018.31

Groups: [2 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.98	0.24	-4.12	0.00	-1.45	-0.51
group	-27.72	28.45	-0.97	0.33	-83.48	28.05
cons	8664.61	92.58	93.59	0.00	8483.16	8846.05

pc1	50589.42	3571.92	14.16	0.00	43588.59	57590.25
pc2	-54173.70	9537.02	-5.68	0.00	-72865.92	-35481.48
pc3	16041.14	2463.63	6.51	0.00	11212.50	20869.77
pc4	10133.57	2171.27	4.67	0.00	5877.96	14389.18
pc5	13737.43	3230.34	4.25	0.00	7406.07	20068.79
pc6	-4780.09	1983.58	-2.41	0.02	-8667.83	-892.36
pc7	8026.62	2249.29	3.57	0.00	3618.08	12435.16
pc8	-10394.37	1925.11	-5.40	0.00	-14167.52	-6621.22
pc9	-1974.22	6643.50	-0.30	0.77	-14995.25	11046.80
pc10	2548.67	7226.54	0.35	0.72	-11615.09	16712.42

Groups: [2 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.41	0.24	-1.70	0.09	-0.88	0.06
group	-14.13	20.14	-0.70	0.48	-53.60	25.34
cons	8601.93	78.54	109.52	0.00	8447.99	8755.87
pc1	29774.34	2383.96	12.49	0.00	25101.85	34446.82
pc2	-28101.27	5322.25	-5.28	0.00	-38532.69	-17669.84
pc3	8067.64	2369.28	3.41	0.00	3423.94	12711.34
pc4	16498.01	2223.38	7.42	0.00	12140.27	20855.75
pc5	6567.29	2585.14	2.54	0.01	1500.52	11634.06
pc6	2554.10	1628.10	1.57	0.12	-636.91	5745.12
pc7	7332.42	2449.72	2.99	0.00	2531.04	12133.79
pc8	-3113.02	2029.84	-1.53	0.13	-7091.43	865.38
pc9	-11375.61	6374.16	-1.78	0.07	-23868.73	1117.52
pc10	-3053.54	7035.71	-0.43	0.66	-16843.27	10736.20

Groups: [2 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.52	0.25	-2.10	0.04	-1.01	-0.03
group	172.80	15.88	10.88	0.00	141.67	203.93
cons	8299.23	74.06	112.06	0.00	8154.08	8444.38
pc1	30669.49	2198.50	13.95	0.00	26360.50	34978.47
pc2	-2048.94	4044.82	-0.51	0.61	-9976.65	5878.77
pc3	22446.44	2122.24	10.58	0.00	18286.92	26605.96
pc4	-5640.18	2494.35	-2.26	0.02	-10529.01	-751.35
pc5	13685.92	3673.67	3.73	0.00	6485.65	20886.18
pc6	-4538.94	1971.81	-2.30	0.02	-8403.62	-674.27
pc7	-7427.05	2623.94	-2.83	0.00	-12569.89	-2284.22
pc8	11046.86	2045.82	5.40	0.00	7037.13	15056.59
pc9	-20755.44	6434.71	-3.23	0.00	-33367.24	-8143.63
pc10	28584.52	6992.38	4.09	0.00	14879.72	42289.33

Groups: [2 7]

Data:

95% CI

Variable	Beta	Std.Error	z value	p-value	low lim	up lim
dayofyear	-0.67	0.25	-2.64	0.01	-1.17	-0.17
group	32.06	13.24	2.42	0.02	6.11	58.01
cons	8473.73	72.55	116.79	0.00	8331.53	8615.94
pc1	42887.86	3133.33	13.69	0.00	36746.65	49029.08
pc2	-38919.39	7788.37	-5.00	0.00	-54184.32	-23654.47
pc3	15732.23	2689.74	5.85	0.00	10460.44	21004.02
pc4	-6006.87	2408.36	-2.49	0.01	-10727.17	-1286.56
pc5	2587.04	2924.01	0.88	0.38	-3143.92	8318.00
pc6	-6021.57	1990.60	-3.03	0.00	-9923.08	-2120.06
pc7	-11786.78	2711.64	-4.35	0.00	-17101.49	-6472.07
pc8	-7452.45	2057.13	-3.62	0.00	-11484.34	-3420.56
pc9	4831.55	6750.55	0.72	0.47	-8399.30	18062.39
pc10	-11926.54	7320.99	-1.63	0.10	-26275.42	2422.34

Groups: [2 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.71	0.25	-2.83	0.00	-1.20	-0.22
group	9.29	11.99	0.77	0.44	-14.22	32.80
cons	8659.48	68.47	126.48	0.00	8525.29	8793.67
pc1	26424.83	2074.73	12.74	0.00	22358.43	30491.22
pc2	3156.08	3587.65	0.88	0.38	-3875.59	10187.74
pc3	17772.54	2434.10	7.30	0.00	13001.80	22543.29
pc4	118.43	2320.01	0.05	0.96	-4428.70	4665.57
pc5	-498.32	2287.59	-0.22	0.83	-4981.92	3985.28
pc6	4164.78	1725.61	2.41	0.02	782.65	7546.92
pc7	-1740.11	2622.57	-0.66	0.51	-6880.26	3400.04
pc8	-3713.13	2125.74	-1.75	0.08	-7879.50	453.23
pc9	-6747.22	6598.33	-1.02	0.31	-19679.70	6185.27
pc10	-1649.51	7130.24	-0.23	0.82	-15624.52	12325.50

Groups: [2 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.56	0.25	-2.26	0.02	-1.05	-0.08
group	14.43	9.94	1.45	0.15	-5.06	33.91
cons	8573.76	66.38	129.17	0.00	8443.66	8703.86
pc1	36135.67	2394.72	15.09	0.00	31442.10	40829.24
pc2	-17922.94	5013.70	-3.57	0.00	-27749.61	-8096.26
pc3	17484.07	2191.04	7.98	0.00	13189.71	21778.43
pc4	-9575.80	2225.54	-4.30	0.00	-13937.78	-5213.83
pc5	11951.69	3428.11	3.49	0.00	5232.72	18670.65
pc6	-2338.22	1907.93	-1.23	0.22	-6077.69	1401.25
pc7	-12555.15	2244.47	-5.59	0.00	-16954.22	-8156.07
pc8	599.80	2004.99	0.30	0.76	-3329.90	4529.50
pc9	-14779.62	6707.25	-2.20	0.03	-27925.59	-1633.65
pc10	17690.24	7295.09	2.42	0.02	3392.11	31988.36

Groups: [2 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.36	0.25	-1.41	0.16	-0.85	0.14
group	-71.88	9.00	-7.99	0.00	-89.53	-54.24
cons	8641.57	66.44	130.06	0.00	8511.34	8771.79
pc1	32412.10	2769.72	11.70	0.00	26983.56	37840.64
pc2	-34426.96	6716.05	-5.13	0.00	-47590.17	-21263.75
pc3	16374.53	2529.23	6.47	0.00	11417.33	21331.74
pc4	-783.84	2479.19	-0.32	0.75	-5642.96	4075.28
pc5	964.22	2883.67	0.33	0.74	-4687.67	6616.11
pc6	-391.57	1732.97	-0.23	0.82	-3788.13	3004.98
pc7	-9185.62	2737.13	-3.36	0.00	-14550.31	-3820.94
pc8	-232.53	2060.50	-0.11	0.91	-4271.04	3805.98
pc9	-14578.68	6985.84	-2.09	0.04	-28270.67	-886.68
pc10	6719.71	7636.58	0.88	0.38	-8247.70	21687.13

Groups: [3 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.70	0.32	-2.18	0.03	-1.33	-0.07
group	-494.42	70.43	-7.02	0.00	-632.46	-356.39
cons	10281.66	296.62	34.66	0.00	9700.29	10863.02
pc1	65826.54	16307.17	4.04	0.00	33865.08	97788.00
pc2	-145567.89	50460.62	-2.88	0.00	-244468.89	-46666.90
pc3	25502.76	4979.84	5.12	0.00	15742.45	35263.06
pc4	35309.03	3119.62	11.32	0.00	29194.70	41423.37
pc5	11376.64	5649.15	2.01	0.04	304.50	22448.77
pc6	3207.39	3019.96	1.06	0.29	-2711.62	9126.40
pc7	18085.62	2792.30	6.48	0.00	12612.81	23558.42
pc8	-24076.37	2516.29	-9.57	0.00	-29008.20	-19144.54
pc9	57614.62	8782.67	6.56	0.00	40400.90	74828.35
pc10	-22735.92	9877.40	-2.30	0.02	-42095.28	-3376.56

Groups: [3 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.56	0.33	1.69	0.09	-0.09	1.20
group	-305.38	34.51	-8.85	0.00	-373.03	-237.74
cons	9851.20	155.97	63.16	0.00	9545.51	10156.90
pc1	12119.68	2967.86	4.08	0.00	6302.77	17936.59
pc2	-21359.20	5958.83	-3.58	0.00	-33038.30	-9680.11
pc3	10603.65	2986.41	3.55	0.00	4750.40	16456.90
pc4	55809.98	3047.59	18.31	0.00	49836.82	61783.14
pc5	6867.69	2859.53	2.40	0.02	1263.12	12472.26
pc6	7589.46	2043.04	3.71	0.00	3585.18	11593.75

pc7	-2923.79	3138.33	-0.93	0.35	-9074.81	3227.23
pc8	-7903.12	2818.60	-2.80	0.01	-13427.49	-2378.76
pc9	26508.48	8370.12	3.17	0.00	10103.34	42913.61
pc10	-36184.79	9654.85	-3.75	0.00	-55107.95	-17261.64

Groups: [3 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.23	0.36	0.65	0.51	-0.46	0.93
group	40.79	25.27	1.61	0.11	-8.74	90.33
cons	8855.55	137.05	64.61	0.00	8586.93	9124.16
pc1	18087.84	3057.82	5.92	0.00	12094.64	24081.05
pc2	-1487.87	4383.86	-0.34	0.73	-10080.09	7104.35
pc3	26359.40	2562.42	10.29	0.00	21337.14	31381.66
pc4	24413.23	3394.14	7.19	0.00	17760.83	31065.63
pc5	-8867.59	5094.96	-1.74	0.08	-18853.54	1118.35
pc6	5190.38	2962.31	1.75	0.08	-615.64	10996.40
pc7	1168.19	3411.01	0.34	0.73	-5517.26	7853.65
pc8	13832.40	2867.11	4.82	0.00	8212.97	19451.84
pc9	34854.05	8491.17	4.10	0.00	18211.67	51496.44
pc10	26580.49	9544.55	2.78	0.01	7873.52	45287.45

Groups: [3 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.12	0.37	0.31	0.76	-0.61	0.84
group	-67.97	20.10	-3.38	0.00	-107.37	-28.58
cons	9167.96	132.23	69.33	0.00	8908.80	9427.12
pc1	16389.39	5191.54	3.16	0.00	6214.17	26564.61
pc2	-11970.53	13044.51	-0.92	0.36	-37537.29	13596.23
pc3	33622.84	3903.33	8.61	0.00	25972.46	41273.22
pc4	7024.74	3343.91	2.10	0.04	470.79	13578.69
pc5	-11948.29	3572.48	-3.34	0.00	-18950.22	-4946.35
pc6	-560.21	3004.16	-0.19	0.85	-6448.24	5327.83
pc7	-20748.41	3690.00	-5.62	0.00	-27980.68	-13516.15
pc8	-24064.98	2902.48	-8.29	0.00	-29753.74	-18376.22
pc9	87853.21	9736.00	9.02	0.00	68771.01	106935.42
pc10	-73030.16	10965.75	-6.66	0.00	-94522.64	-51537.68

Groups: [3 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.09	0.35	0.26	0.80	-0.60	0.79
group	-123.39	15.68	-7.87	0.00	-154.12	-92.66
cons	9427.65	110.62	85.23	0.00	9210.85	9644.45
pc1	13267.43	2680.07	4.95	0.00	8014.59	18520.27
pc2	2560.15	3707.12	0.69	0.49	-4705.68	9825.98

pc3	26042.90	3167.32	8.22	0.00	19835.06	32250.74
pc4	27197.96	3229.26	8.42	0.00	20868.72	33527.19
pc5	-113.15	2473.37	-0.05	0.96	-4960.86	4734.56
pc6	12709.08	2219.15	5.73	0.00	8359.63	17058.54
pc7	1202.00	3403.68	0.35	0.72	-5469.09	7873.10
pc8	-15849.37	3059.68	-5.18	0.00	-21846.23	-9852.51
pc9	48900.69	8722.00	5.61	0.00	31805.90	65995.49
pc10	-33250.72	9632.61	-3.45	0.00	-52130.28	-14371.15

Model: pairwiseGEE_timeawake

Size: [45 2]

Groups: [1 2]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-1.09	0.28	-0.00	0.00
group	0.18	0.05	3.74	0.00	0.09	0.28
cons	15.45	0.10	151.15	0.00	15.24	15.65
pc1	6.50	1.95	3.33	0.00	2.67	10.33
pc2	1.20	3.29	0.36	0.72	-5.25	7.64
pc3	5.02	2.15	2.34	0.02	0.81	9.23
pc4	0.74	2.32	0.32	0.75	-3.80	5.29
pc5	4.82	2.08	2.31	0.02	0.74	8.90
pc6	1.42	1.98	0.72	0.47	-2.45	5.30
pc7	2.68	2.59	1.03	0.30	-2.41	7.76
pc8	-0.53	1.82	-0.29	0.77	-4.09	3.03
pc9	6.57	6.51	1.01	0.31	-6.19	19.33
pc10	0.09	7.18	0.01	0.99	-13.98	14.16

Groups: [1 3]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	1.84	0.07	-0.00	0.00
group	0.08	0.03	2.93	0.00	0.03	0.13
cons	15.37	0.09	169.79	0.00	15.19	15.54
pc1	-8.48	2.01	-4.22	0.00	-12.42	-4.55
pc2	-0.78	3.33	-0.23	0.81	-7.31	5.75
pc3	5.89	2.07	2.85	0.00	1.85	9.94
pc4	4.50	2.74	1.64	0.10	-0.87	9.87
pc5	3.10	2.17	1.43	0.15	-1.15	7.36
pc6	-3.20	1.58	-2.03	0.04	-6.29	-0.11
pc7	-10.86	3.00	-3.62	0.00	-16.75	-4.97
pc8	4.06	1.90	2.14	0.03	0.34	7.78
pc9	2.13	6.90	0.31	0.76	-11.40	15.67
pc10	6.48	7.65	0.85	0.40	-8.51	21.47

Groups: [1 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.13	0.90	-0.00	0.00
group	0.07	0.02	4.54	0.00	0.04	0.11
cons	15.44	0.08	196.49	0.00	15.29	15.60
pc1	-1.49	2.54	-0.59	0.56	-6.48	3.49
pc2	1.54	3.26	0.47	0.64	-4.84	7.92
pc3	6.21	2.15	2.88	0.00	1.98	10.43
pc4	-5.58	2.03	-2.74	0.01	-9.57	-1.60
pc5	2.03	1.84	1.10	0.27	-1.58	5.63
pc6	3.52	2.38	1.48	0.14	-1.14	8.18
pc7	0.55	2.01	0.28	0.78	-3.38	4.49
pc8	2.16	1.68	1.29	0.20	-1.13	5.45
pc9	11.99	6.57	1.83	0.07	-0.89	24.86
pc10	4.28	7.13	0.60	0.55	-9.70	18.26

Groups: [1 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.66	0.51	-0.00	0.00
group	0.04	0.01	3.01	0.00	0.01	0.07
cons	15.49	0.08	188.63	0.00	15.33	15.66
pc1	-3.23	2.07	-1.56	0.12	-7.30	0.83
pc2	4.54	2.97	1.53	0.13	-1.29	10.37
pc3	2.44	2.33	1.04	0.30	-2.14	7.01
pc4	-0.88	2.23	-0.39	0.69	-5.25	3.49
pc5	5.00	1.96	2.55	0.01	1.16	8.84
pc6	-0.17	1.78	-0.10	0.92	-3.67	3.33
pc7	2.46	2.25	1.09	0.27	-1.95	6.88
pc8	1.75	1.88	0.93	0.35	-1.93	5.43
pc9	-7.46	6.26	-1.19	0.23	-19.73	4.82
pc10	12.76	7.24	1.76	0.08	-1.43	26.96

Groups: [1 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.29	0.77	-0.00	0.00
group	0.05	0.01	4.31	0.00	0.03	0.07
cons	15.48	0.08	183.92	0.00	15.31	15.64
pc1	-0.00	2.13	-0.00	1.00	-4.17	4.17
pc2	-7.02	2.49	-2.82	0.00	-11.90	-2.15
pc3	1.68	1.77	0.95	0.34	-1.79	5.16
pc4	1.71	2.61	0.66	0.51	-3.40	6.83
pc5	7.74	2.10	3.68	0.00	3.62	11.86
pc6	4.13	2.29	1.80	0.07	-0.36	8.62
pc7	-5.51	2.68	-2.06	0.04	-10.76	-0.26
pc8	4.57	1.97	2.32	0.02	0.71	8.43
pc9	7.24	6.65	1.09	0.28	-5.79	20.28

pc10	3.37	7.52	0.45	0.65	-11.37	18.10
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Groups: [1 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.69	0.49	-0.00	0.00
group	0.04	0.01	3.39	0.00	0.02	0.07
cons	15.42	0.09	166.91	0.00	15.24	15.60
pc1	-1.00	2.61	-0.38	0.70	-6.12	4.12
pc2	1.23	3.35	0.37	0.71	-5.34	7.80
pc3	6.05	2.51	2.41	0.02	1.13	10.97
pc4	-6.34	2.75	-2.31	0.02	-11.74	-0.95
pc5	5.31	2.10	2.53	0.01	1.19	9.44
pc6	5.69	2.30	2.48	0.01	1.19	10.19
pc7	-5.44	3.17	-1.72	0.09	-11.65	0.77
pc8	3.29	2.10	1.57	0.12	-0.82	7.40
pc9	11.61	7.98	1.46	0.15	-4.03	27.24
pc10	0.62	8.71	0.07	0.94	-16.45	17.70

Groups: [1 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	3.35	0.00	0.00	0.00
group	0.04	0.01	5.36	0.00	0.03	0.06
cons	15.21	0.08	186.92	0.00	15.05	15.37
pc1	3.33	2.01	1.66	0.10	-0.61	7.27
pc2	-4.68	2.55	-1.84	0.07	-9.68	0.31
pc3	1.27	2.22	0.57	0.57	-3.07	5.62
pc4	-11.36	2.35	-4.83	0.00	-15.97	-6.75
pc5	2.89	1.51	1.91	0.06	-0.07	5.84
pc6	2.27	1.67	1.36	0.17	-0.99	5.53
pc7	-5.77	2.31	-2.50	0.01	-10.29	-1.25
pc8	13.21	1.97	6.71	0.00	9.35	17.07
pc9	10.67	6.78	1.57	0.12	-2.61	23.96
pc10	-0.67	7.43	-0.09	0.93	-15.22	13.89

Groups: [1 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.35	0.73	-0.00	0.00
group	0.01	0.01	1.35	0.18	-0.00	0.03
cons	15.42	0.09	177.21	0.00	15.25	15.60
pc1	5.50	2.46	2.24	0.03	0.68	10.32
pc2	-18.05	2.40	-7.53	0.00	-22.75	-13.36
pc3	0.62	2.05	0.30	0.76	-3.39	4.63
pc4	-10.34	2.41	-4.29	0.00	-15.06	-5.61
pc5	2.41	2.10	1.14	0.25	-1.72	6.53

pc6	4.50	2.46	1.83	0.07	-0.32	9.33
pc7	8.84	2.55	3.46	0.00	3.84	13.84
pc8	2.56	1.96	1.31	0.19	-1.29	6.41
pc9	44.74	7.00	6.39	0.00	31.01	58.46
pc10	-36.66	7.81	-4.70	0.00	-51.96	-21.36

Groups: [1 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-0.21	0.83	-0.00	0.00
group	0.00	0.01	0.62	0.54	-0.01	0.02
cons	15.52	0.09	175.49	0.00	15.34	15.69
pc1	-3.86	2.28	-1.69	0.09	-8.33	0.61
pc2	1.13	3.42	0.33	0.74	-5.56	7.83
pc3	13.11	2.35	5.58	0.00	8.51	17.71
pc4	-7.51	2.75	-2.73	0.01	-12.91	-2.12
pc5	4.54	2.20	2.06	0.04	0.23	8.85
pc6	1.31	1.99	0.66	0.51	-2.60	5.21
pc7	-8.39	3.15	-2.66	0.01	-14.56	-2.22
pc8	5.80	2.03	2.85	0.00	1.82	9.78
pc9	14.35	8.02	1.79	0.07	-1.37	30.07
pc10	6.77	8.86	0.76	0.45	-10.60	24.14

Groups: [2 3]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	0.21	0.83	-0.00	0.00
group	0.09	0.06	1.67	0.09	-0.02	0.20
cons	15.52	0.17	92.09	0.00	15.19	15.86
pc1	-1.98	7.51	-0.26	0.79	-16.70	12.75
pc2	19.52	23.82	0.82	0.41	-27.16	66.21
pc3	2.04	3.40	0.60	0.55	-4.62	8.71
pc4	25.82	3.30	7.84	0.00	19.36	32.28
pc5	-28.58	7.46	-3.83	0.00	-43.20	-13.96
pc6	-2.87	1.91	-1.50	0.13	-6.62	0.88
pc7	18.00	3.26	5.53	0.00	11.62	24.39
pc8	-6.53	2.24	-2.92	0.00	-10.91	-2.15
pc9	-15.83	7.29	-2.17	0.03	-30.13	-1.54
pc10	11.65	8.10	1.44	0.15	-4.22	27.53

Groups: [2 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-1.46	0.14	-0.00	0.00
group	-0.05	0.03	-1.88	0.06	-0.10	0.00
cons	15.87	0.12	133.49	0.00	15.64	16.10
pc1	20.99	6.59	3.18	0.00	8.07	33.91

pc2	-10.33	19.28	-0.54	0.59	-48.12	27.46
pc3	6.22	3.38	1.84	0.07	-0.42	12.85
pc4	-1.59	2.05	-0.77	0.44	-5.60	2.43
pc5	-3.29	3.50	-0.94	0.35	-10.14	3.56
pc6	-11.13	3.22	-3.46	0.00	-17.43	-4.82
pc7	5.72	1.96	2.91	0.00	1.87	9.57
pc8	-3.55	1.87	-1.90	0.06	-7.22	0.11
pc9	2.94	6.64	0.44	0.66	-10.08	15.97
pc10	-0.09	7.28	-0.01	0.99	-14.36	14.17

Groups: [2 5]

Data:

Variable	Beta	Std. Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-0.91	0.36	-0.00	0.00
group	-0.03	0.02	-1.40	0.16	-0.06	0.01
cons	15.90	0.10	157.12	0.00	15.70	16.10
pc1	3.49	2.68	1.30	0.19	-1.76	8.73
pc2	9.61	6.25	1.54	0.12	-2.63	21.86
pc3	1.98	3.53	0.56	0.57	-4.94	8.91
pc4	3.27	2.25	1.45	0.15	-1.15	7.69
pc5	2.63	3.94	0.67	0.51	-5.10	10.35
pc6	-2.36	1.95	-1.21	0.23	-6.17	1.46
pc7	12.63	2.19	5.76	0.00	8.33	16.93
pc8	-5.71	2.23	-2.56	0.01	-10.09	-1.34
pc9	-16.98	6.43	-2.64	0.01	-29.58	-4.37
pc10	10.92	7.43	1.47	0.14	-3.65	25.49

Groups: [2 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-1.85	0.06	-0.00	0.00
group	0.02	0.02	1.32	0.19	-0.01	0.05
cons	15.80	0.10	155.34	0.00	15.60	16.00
pc1	13.41	2.21	6.06	0.00	9.07	17.74
pc2	-13.97	3.47	-4.02	0.00	-20.78	-7.16
pc3	0.26	2.08	0.12	0.90	-3.81	4.32
pc4	7.96	3.16	2.52	0.01	1.78	14.15
pc5	2.34	5.74	0.41	0.68	-8.92	13.59
pc6	-4.08	3.03	-1.35	0.18	-10.01	1.86
pc7	11.59	2.83	4.10	0.00	6.04	17.13
pc8	-6.93	2.28	-3.04	0.00	-11.40	-2.46
pc9	-5.43	6.85	-0.79	0.43	-18.85	7.99
pc10	-0.95	7.86	-0.12	0.90	-16.36	14.45

Groups: [2 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim

dayofyear	-0.00	0.00	-1.53	0.13	-0.00	0.00
group	0.01	0.02	0.94	0.35	-0.02	0.04
cons	15.72	0.12	130.84	0.00	15.49	15.96
pc1	31.19	7.18	4.34	0.00	17.11	45.27
pc2	-45.25	21.56	-2.10	0.04	-87.49	-3.00
pc3	-2.82	4.48	-0.63	0.53	-11.60	5.96
pc4	13.47	3.28	4.11	0.00	7.05	19.90
pc5	3.41	5.19	0.66	0.51	-6.77	13.58
pc6	-5.53	3.10	-1.79	0.07	-11.60	0.54
pc7	21.56	3.66	5.90	0.00	14.39	28.72
pc8	-9.11	2.59	-3.52	0.00	-14.18	-4.04
pc9	-7.43	8.20	-0.91	0.36	-23.49	8.64
pc10	-0.55	8.99	-0.06	0.95	-18.17	17.06

Groups: [2 8]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	1.12	0.26	-0.00	0.00
group	0.01	0.01	1.35	0.18	-0.01	0.03
cons	15.60	0.09	164.68	0.00	15.42	15.79
pc1	14.70	2.17	6.78	0.00	10.45	18.95
pc2	-9.09	3.37	-2.70	0.01	-15.69	-2.50
pc3	2.72	3.14	0.87	0.39	-3.43	8.87
pc4	-10.03	2.24	-4.47	0.00	-14.43	-5.64
pc5	2.50	1.82	1.37	0.17	-1.08	6.07
pc6	-1.89	1.84	-1.02	0.31	-5.50	1.73
pc7	2.62	2.26	1.16	0.25	-1.81	7.05
pc8	7.06	2.39	2.96	0.00	2.39	11.74
pc9	9.36	7.21	1.30	0.19	-4.77	23.48
pc10	-7.75	7.86	-0.99	0.32	-23.14	7.65

Groups: [2 9]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-1.49	0.14	-0.00	0.00
group	-0.02	0.01	-2.40	0.02	-0.04	-0.00
cons	15.77	0.10	158.18	0.00	15.57	15.96
pc1	23.94	2.48	9.64	0.00	19.07	28.81
pc2	-26.53	3.10	-8.55	0.00	-32.62	-20.45
pc3	-4.96	2.54	-1.96	0.05	-9.93	0.01
pc4	6.43	2.80	2.30	0.02	0.94	11.91
pc5	-22.92	5.14	-4.46	0.00	-32.99	-12.85
pc6	-5.93	3.31	-1.79	0.07	-12.41	0.56
pc7	21.85	2.66	8.23	0.00	16.64	27.05
pc8	-5.57	2.29	-2.43	0.01	-10.06	-1.09
pc9	32.82	7.77	4.22	0.00	17.59	48.06
pc10	-39.16	8.65	-4.53	0.00	-56.11	-22.22

Groups: [2 10]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	-0.00	0.00	-2.69	0.01	-0.00	-0.00
group	0.00	0.01	0.36	0.72	-0.01	0.02
cons	15.89	0.12	135.92	0.00	15.66	16.12
pc1	18.28	7.67	2.38	0.02	3.24	33.31
pc2	-10.40	24.10	-0.43	0.67	-57.65	36.84
pc3	19.27	4.02	4.79	0.00	11.39	27.16
pc4	7.42	3.23	2.30	0.02	1.09	13.75
pc5	-2.43	7.12	-0.34	0.73	-16.39	11.52
pc6	-3.56	2.47	-1.44	0.15	-8.40	1.29
pc7	16.48	3.55	4.64	0.00	9.51	23.44
pc8	0.13	2.47	0.05	0.96	-4.72	4.98
pc9	-3.51	8.30	-0.42	0.67	-19.79	12.76
pc10	2.48	9.28	0.27	0.79	-15.71	20.67

Groups: [3 4]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	1.64	0.10	-0.00	0.00
group	0.14	0.06	2.35	0.02	0.02	0.26
cons	15.55	0.26	58.73	0.00	15.03	16.07
pc1	-56.07	12.76	-4.39	0.00	-81.09	-31.06
pc2	127.52	39.73	3.21	0.00	49.65	205.39
pc3	18.66	4.09	4.56	0.00	10.64	26.67
pc4	-2.84	2.70	-1.05	0.29	-8.12	2.45
pc5	-20.00	4.16	-4.81	0.00	-28.14	-11.85
pc6	-7.16	1.97	-3.64	0.00	-11.02	-3.30
pc7	-3.06	2.38	-1.29	0.20	-7.72	1.60
pc8	-0.82	1.96	-0.42	0.67	-4.65	3.01
pc9	-0.05	7.06	-0.01	0.99	-13.89	13.79
pc10	2.39	7.95	0.30	0.76	-13.20	17.98

Groups: [3 5]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	1.78	0.08	-0.00	0.00
group	-0.04	0.03	-1.21	0.23	-0.09	0.02
cons	15.78	0.14	110.12	0.00	15.50	16.06
pc1	-16.06	2.81	-5.72	0.00	-21.56	-10.56
pc2	11.87	6.51	1.82	0.07	-0.88	24.63
pc3	-0.05	3.18	-0.02	0.99	-6.28	6.18
pc4	9.68	2.65	3.65	0.00	4.49	14.87
pc5	0.78	4.21	0.19	0.85	-7.47	9.03
pc6	-7.64	1.59	-4.82	0.00	-10.75	-4.53
pc7	5.94	2.51	2.36	0.02	1.01	10.87

pc8	-0.72	2.40	-0.30	0.77	-5.42	3.99
pc9	-18.71	6.95	-2.69	0.01	-32.33	-5.10
pc10	11.47	8.28	1.38	0.17	-4.76	27.70

Groups: [3 6]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	1.58	0.11	-0.00	0.00
group	0.04	0.02	1.74	0.08	-0.00	0.08
cons	15.45	0.13	118.48	0.00	15.20	15.71
pc1	-6.51	2.29	-2.85	0.00	-10.99	-2.03
pc2	-18.90	3.52	-5.37	0.00	-25.80	-12.00
pc3	-0.95	1.99	-0.48	0.63	-4.85	2.94
pc4	18.25	3.68	4.96	0.00	11.04	25.46
pc5	-0.12	6.60	-0.02	0.99	-13.06	12.81
pc6	-6.88	2.02	-3.42	0.00	-10.83	-2.93
pc7	-0.52	3.31	-0.16	0.88	-7.00	5.96
pc8	1.08	2.45	0.44	0.66	-3.73	5.89
pc9	-7.52	7.32	-1.03	0.30	-21.87	6.83
pc10	1.58	8.72	0.18	0.86	-15.51	18.67

Groups: [3 7]

Data:

Variable	Beta	Std.Error	z value	p-value	95% CI	
					low lim	up lim
dayofyear	0.00	0.00	2.57	0.01	0.00	0.00
group	0.06	0.02	2.93	0.00	0.02	0.10
cons	13.84	0.40	34.81	0.00	13.06	14.62
pc1	131.54	35.68	3.69	0.00	61.62	201.47
pc2	-463.34	114.02	-4.06	0.00	-686.81	-239.87
pc3	-36.14	9.99	-3.62	0.00	-55.72	-16.55
pc4	34.91	6.22	5.61	0.00	22.71	47.10
pc5	13.38	7.00	1.91	0.06	-0.34	27.10
pc6	-8.95	2.09	-4.28	0.00	-13.05	-4.84
pc7	12.63	4.97	2.54	0.01	2.89	22.38
pc8	-3.76	2.77	-1.36	0.17	-9.19	1.67
pc9	-9.38	9.48	-0.99	0.32	-27.96	9.21
pc10	-1.32	10.76	-0.12	0.90	-22.41	19.78
