

Missing data description for Continuous Variables in Dental-Project0**The MEANS Procedure**

Variable	N	N
		Miss
pdchange	103	27
attachchange	103	27
age	129	1
sites	130	0
pdbase	130	0
pd1year	103	27
attachbase	130	0
attach1year	103	27

The MI Procedure

Missing Data Patterns										
Group	pdchange	attachchange	age	sites	pdbase	pd1year	attachbase	attach1year	Freq	Percent
1	X	X	X	X	X	X	X	X	102	78.46
2	X	X	.	X	X	X	X	X	1	0.77
3	.	.	X	X	X	.	X	.	27	20.77

Missing Data Patterns									
Group	Group Means								
	pdchange	attachchange	age	sites	pdbase	pd1year	attachbase	attach1year	
1	-0.293972	-0.095098	50.154205	157.568627	3.168834	2.874862	2.186682	2.091584	
2	-0.333333	-0.543478	.	138.000000	3.239130	2.905797	3.644928	3.101449	
3	.	.	49.147362	158.000000	3.019555	.	1.937160	.	

Descriptive Statistics for Continuous Variables in Dental-Project0**The MEANS Procedure**

Variable	N	Mean	Std Dev	Minimum	Maximum
pdchange	103	-0.2943543	0.2676105	-0.8580247	0.4551282
attachchange	103	-0.0994510	0.2760304	-1.0476190	0.4523810
age	129	49.9434708	10.0323275	28.5722108	74.5325120
sites	130	157.5076923	11.3412509	114.0000000	168.0000000
pdbase	130	3.1383709	0.4367214	2.2628205	5.2173913
pd1year	103	2.8751627	0.4875549	1.9642857	4.8913043
attachbase	130	2.1460753	0.7970523	0.8950617	5.0892857
attach1year	103	2.1013885	0.7718840	0.8653846	5.3043478

Descriptive Statistics for the Categorical Variables in Dental-Project0

The FREQ Procedure

smoker	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	81	62.79	81	62.79
1	48	37.21	129	100.00
Frequency Missing = 1				

sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	54	41.54	54	41.54
2	76	58.46	130	100.00

trtgroup	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	26	20.00	26	20.00
2	26	20.00	52	40.00
3	26	20.00	78	60.00
4	26	20.00	104	80.00
5	26	20.00	130	100.00

race	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	4	3.08	4	3.08
2	9	6.92	13	10.00
4	3	2.31	16	12.31
5	114	87.69	130	100.00

Descriptive Statistics for treatment and race

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of trtgroup by race					
	trtgroup	race				
		1	2	4	5	Total
	1	0 0.00 0.00 0.00	2 1.54 7.69 22.22	1 0.77 3.85 33.33	23 17.69 88.46 20.18	26 20.00
	2	1 0.77 3.85 25.00	1 0.77 3.85 11.11	1 0.77 3.85 33.33	23 17.69 88.46 20.18	26 20.00
	3	1 0.77 3.85 25.00	5 3.85 19.23 55.56	0 0.00 0.00 0.00	20 15.38 76.92 17.54	26 20.00
	4	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.77 3.85 33.33	25 19.23 96.15 21.93	26 20.00
	5	2 1.54 7.69 50.00	1 0.77 3.85 11.11	0 0.00 0.00 0.00	23 17.69 88.46 20.18	26 20.00
	Total	4 3.08	9 6.92	3 2.31	114 87.69	130 100.00

Descriptive Statistics for treatment and smoker

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of trtgroup by smoker			
	trtgroup	smoker		
		0	1	Total
	1	15 11.63 57.69 18.52	11 8.53 42.31 22.92	26 20.16
	2	17 13.18 65.38 20.99	9 6.98 34.62 18.75	26 20.16
	3	18 13.95 69.23 22.22	8 6.20 30.77 16.67	26 20.16
	4	14 10.85 56.00 17.28	11 8.53 44.00 22.92	25 19.38
	5	17 13.18 65.38 20.99	9 6.98 34.62 18.75	26 20.16
	Total	81 62.79	48 37.21	129 100.00
Frequency Missing = 1				

Descriptive Statistics for treatment and sex

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of trtgroup by sex			
	trtgroup	sex		
		1	2	Total
	1	11 8.46 42.31 20.37	15 11.54 57.69 19.74	26 20.00
	2	10 7.69 38.46 18.52	16 12.31 61.54 21.05	26 20.00
	3	11 8.46 42.31 20.37	15 11.54 57.69 19.74	26 20.00
	4	11 8.46 42.31 20.37	15 11.54 57.69 19.74	26 20.00
	5	11 8.46 42.31 20.37	15 11.54 57.69 19.74	26 20.00
	Total	54 41.54	76 58.46	130 100.00

Correlations between all variables: After data cleaning

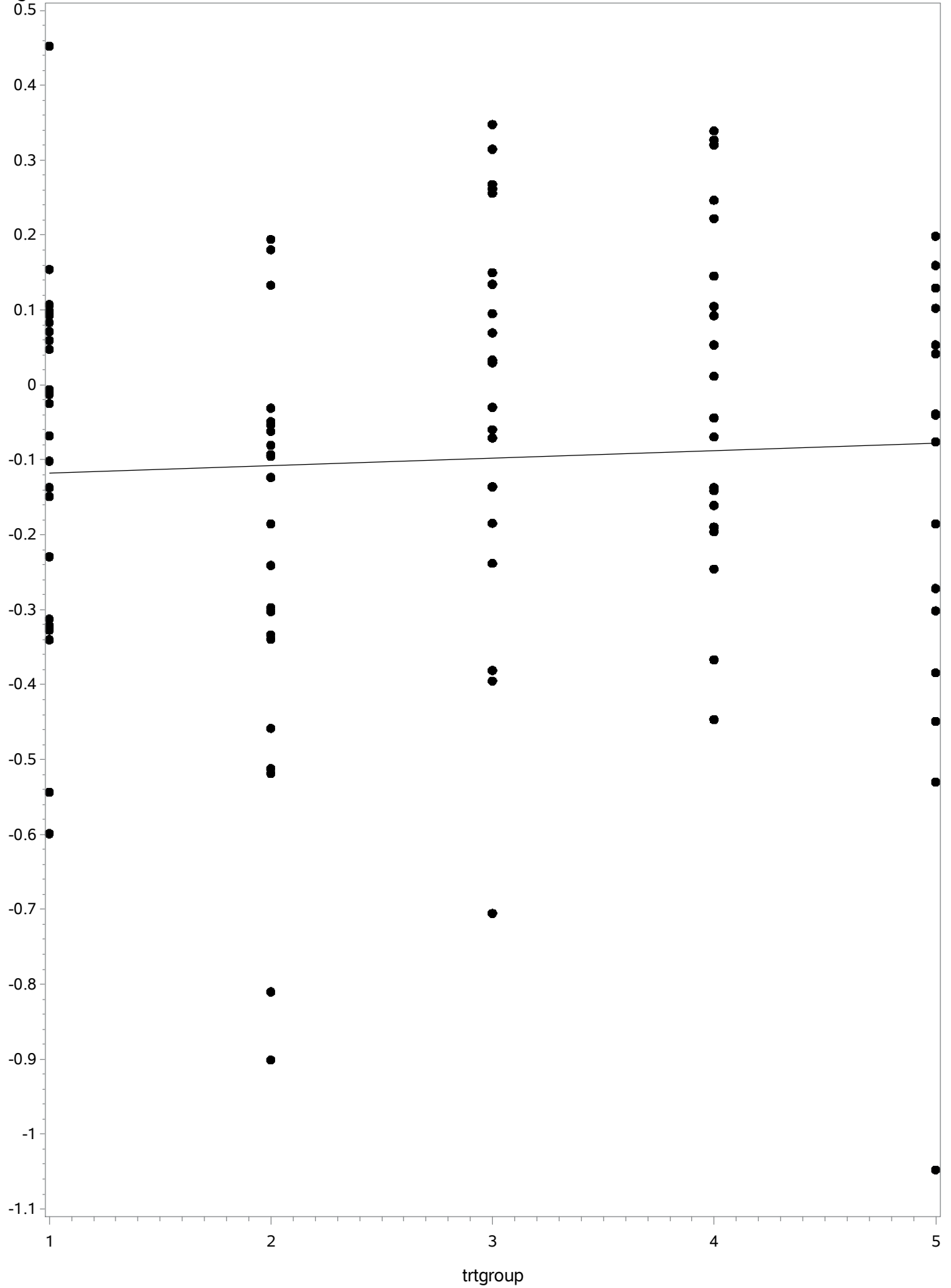
The CORR Procedure

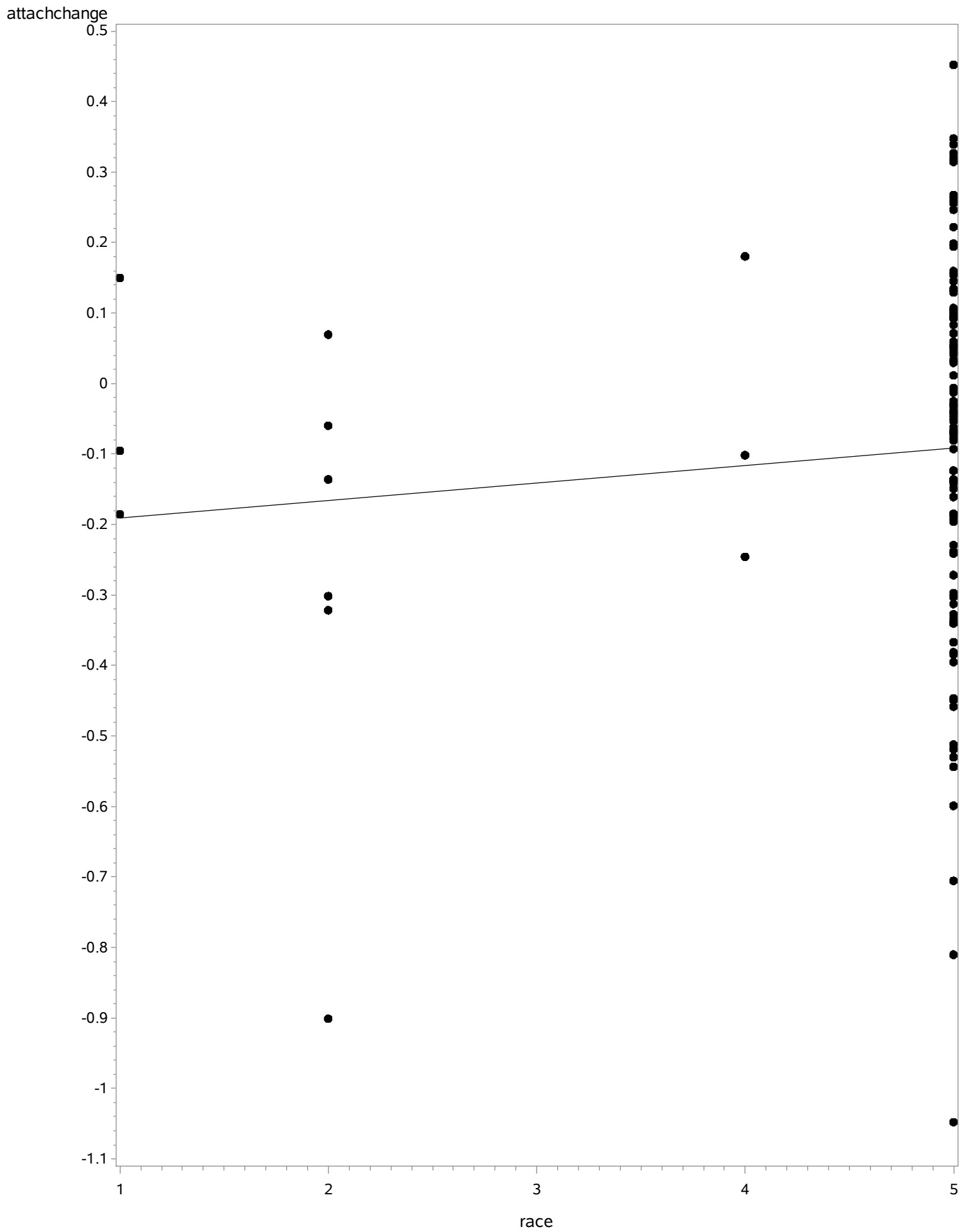
8 Variables:	pdchange	attachchange	age	sites	pdbase	pd1year	attachbase	attach1year
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
pdchange	103	-0.29435	0.26761	-30.31849	-0.85802	0.45513
attachchange	103	-0.09945	0.27603	-10.24346	-1.04762	0.45238
age	129	49.94347	10.03233	6443	28.57221	74.53251
sites	130	157.50769	11.34125	20476	114.00000	168.00000
pdbase	130	3.13837	0.43672	407.98821	2.26282	5.21739
pd1year	103	2.87516	0.48755	296.14175	1.96429	4.89130
attachbase	130	2.14608	0.79705	278.98979	0.89506	5.08929
attach1year	103	2.10139	0.77188	216.44302	0.86538	5.30435

Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations								
	pdchange	attachchange	age	sites	pdbase	pd1year	attachbase	attach1year
pdchange	1.00000 103	0.53546 <.0001 103	-0.07422 0.4585 102	-0.04812 0.6293 103	-0.20267 0.0401 103	0.35543 0.0002 103	-0.03676 0.7124 103	0.15128 0.1272 103
attachchange	0.53546 <.0001 103	1.00000 103	-0.17458 0.0793 102	0.16209 0.1019 103	-0.13472 0.1749 103	0.16531 0.0952 103	-0.41437 <.0001 103	-0.09561 0.3367 103
age	-0.07422 0.4585 102	-0.17458 0.0793 102	1.00000 129	-0.11266 0.2037 129	-0.11097 0.2106 129	-0.12526 0.2097 102	0.12162 0.1698 129	0.08605 0.3898 102
sites	-0.04812 0.6293 103	0.16209 0.1019 103	-0.11266 0.2037 129	1.00000 130	-0.16634 0.0586 130	-0.18852 0.0565 103	-0.39708 <.0001 130	-0.36885 0.0001 103
pdbase	-0.20267 0.0401 103	-0.13472 0.1749 103	-0.11097 0.2106 129	-0.16634 0.0586 130	1.00000 130	0.84327 <.0001 103	0.58869 <.0001 130	0.60498 <.0001 103
pd1year	0.35543 0.0002 103	0.16531 0.0952 103	-0.12526 0.2097 102	-0.18852 0.0565 103	0.84327 <.0001 103	1.00000 103	0.54983 <.0001 103	0.66049 <.0001 103
attachbase	-0.03676 0.7124 103	-0.41437 <.0001 103	0.12162 0.1698 129	-0.39708 <.0001 130	0.58869 <.0001 130	0.54983 <.0001 103	1.00000 130	0.94556 <.0001 103
attach1year	0.15128 0.1272 103	-0.09561 0.3367 103	0.08605 0.3898 102	-0.36885 0.0001 103	0.60498 <.0001 103	0.66049 <.0001 103	0.94556 <.0001 103	1.00000 103

attachchange





attachchange

