

The CORR Procedure

23 Variables:	Diabetes_012	HighBP	HighChol	CholCheck	BMI	Smoker	Stroke	HeartDiseaseorAttack	PhysActivity	Fruits	Veggies	HvyAlcoholConsump	AnyHealthcare	NoDocbcCost	GenHlth	MentHlth	PhysHlth	DiffWalk	Sex	Age	Education	Income	Diabetes_01
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Diabetes_012	253680	0.29692	0.69816	75323	0	2.00000
HighBP	253680	0.42900	0.49493	108829	0	1.00000
HighChol	253680	0.42412	0.49421	107591	0	1.00000
CholCheck	253680	0.96267	0.18957	244210	0	1.00000
BMI	253680	28.38236	6.60869	7200038	12.00000	98.00000
Smoker	253680	0.44317	0.49676	112423	0	1.00000
Stroke	253680	0.04057	0.19729	10292	0	1.00000
HeartDiseaseorAttack	253680	0.09419	0.29209	23893	0	1.00000
PhysActivity	253680	0.75654	0.42917	191920	0	1.00000
Fruits	253680	0.63426	0.48164	160898	0	1.00000
Veggies	253680	0.81142	0.39118	205841	0	1.00000
HvyAlcoholConsump	253680	0.05620	0.23030	14256	0	1.00000
AnyHealthcare	253680	0.95105	0.21576	241263	0	1.00000
NoDocbcCost	253680	0.08418	0.27765	21354	0	1.00000
GenHlth	253680	2.51139	1.06848	637090	1.00000	5.00000
MentHlth	253680	3.18477	7.41285	807913	0	30.00000
PhysHlth	253680	4.24208	8.71795	1076131	0	30.00000
DiffWalk	253680	0.16822	0.37407	42675	0	1.00000
Sex	253680	0.44034	0.49643	111706	0	1.00000
Age	253680	8.03212	3.05422	2037588	1.00000	13.00000
Education	253680	5.05043	0.98577	1281194	1.00000	6.00000
Income	253680	6.05387	2.07115	1535747	1.00000	8.00000
Diabetes_01	253680	0.15759	0.36436	39977	0	1.00000

Pearson Correlation Coefficients, N = 253680 Prob >  r  under H0: Rho=0																						
	Diabetes_012	HighBP	HighChol	CholCheck	BMI	Smoker	Stroke	HeartDiseaseorAttack	PhysActivity	Fruits	Veggies	HvyAlcoholConsump	AnyHealthcare	NoDocbcCost	GenHlth	MentHlth	PhysHlth	DiffWalk	Sex	Age	Educa	
Diabetes_012	1.00000	0.27160 <.0001	0.20908 <.0001	0.06755 <.0001	0.22438 <.0001	0.06291 <.0001	0.10718 <.0001	0.18027 <.0001	-0.12195 <.0001	-0.04219 <.0001	-0.05897 <.0001	-0.05788 <.0001	0.01541 <.0001	0.03544 <.0001	0.30259 <.0001	0.07351 <.0001	0.17629 <.0001	0.22424 <.0001	0.03104 <.0001	0.18503 <.0001	-0.13052 <.0001	
HighBP	0.27160 <.0001	1.00000	0.29820 <.0001	0.09851 <.0001	0.21375 <.0001	0.09699 <.0001	0.12957 <.0001	0.20936 <.0001	-0.12527 <.0001	-0.04055 <.0001	-0.06127 <.0001	-0.00397 <.0001	0.03842 <.0001	0.01736 <.0001	0.30053 <.0001	0.05646 <.0001	0.16121 <.0001	0.22362 <.0001	0.05221 <.0001	0.34445 <.0001	-0.14136 <.0001	
HighChol	0.20908 <.0001	0.29820 <.0001	1.00000	0.08564 <.0001	0.10672 <.0001	0.09130 <.0001	0.09262 <.0001	0.18077 <.0001	-0.07805 <.0001	-0.04086 <.0001	-0.03987 <.0001	-0.01154 <.0001	0.04223 <.0001	0.01331 <.0001	0.20843 <.0001	0.06207 <.0001	0.12175 <.0001	0.14467 <.0001	0.03121 <.0001	0.27232 <.0001	-0.07080 <.0001	
CholCheck	0.06755 <.0001	0.09851 <.0001	0.08564 <.0001	1.00000	0.03450 <.0001	-0.00993 <.0001	0.02416 <.0001	0.04421 <.0001	0.00419 <.0001	0.02385 <.0001	0.00612 <.0001	-0.02373 <.0001	0.11763 <.0001	-0.05826 <.0001	0.04659 <.0001	-0.00837 <.0001	0.03177 <.0001	0.04059 <.0001	-0.02212 <.0001	0.09032 <.0001	0.00455 <.0001	
BMI	0.22438 <.0001	0.21375 <.0001	0.10672 <.0001	0.03450 <.0001	1.00000	0.01380 <.0001	0.02015 <.0001	0.05290 <.0001	-0.14729 <.0001	-0.08752 <.0001	-0.06228 <.0001	-0.04874 <.0001	-0.01847 <.0001	0.05821 <.0001	0.23919 <.0001	0.08531 <.0001	0.12114 <.0001	0.19708 <.0001	0.04295 <.0001	-0.03662 <.0001	-0.01130 <.0001	
Smoker	0.06291 <.0001	0.09699 <.0001	0.09130 <.0001	-0.00993 <.0001	0.01380 <.0001	1.00000	0.06117 <.0001	0.11444 <.0001	-0.08740 <.0001	-0.07767 <.0001	-0.03068 <.0001	0.10162 <.0001	-0.02325 <.0001	0.04895 <.0001	0.16314 <.0001	0.09220 <.0001	0.11646 <.0001	0.12246 <.0001	0.09366 <.0001	0.12064 <.0001	-0.11436 <.0001	
Stroke	0.10718 <.0001	0.12957 <.0001	0.09262 <.0001	0.02416 <.0001	0.02015 <.0001	0.06117 <.0001	1.00000	0.20300 <.0001	-0.06915 <.0001	-0.01339 <.0001	-0.04112 <.0001	-0.01695 <.0001	0.00878 <.0001	0.03480 <.0001	0.17794 <.0001	0.07017 <.0001	0.14894 <.0001	0.17657 <.0001	0.00298 <.0001	0.12697 <.0001	-0.07080 <.0001	
HeartDiseaseorAttack	0.18027 <.0001	0.20936 <.0001	0.18077 <.0001	0.04421 <.0001	0.05290 <.0001	0.11444 <.0001	0.20300 <.0001	1.00000	-0.08730 <.0001	-0.01979 <.0001	-0.03917 <.0001	-0.02899 <.0001	0.01873 <.0001	0.03100 <.0001	0.25838 <.0001	0.06462 <.0001	0.18170 <.0001	0.21271 <.0001	0.08610 <.0001	0.22162 <.0001	-0.08730 <.0001	
PhysActivity	-0.12195 <.0001	-0.12527 <.0001	-0.07805 <.0001	0.00419 <.0001	-0.14729 <.0001	-0.08740 <.0001	-0.06915 <.0001	-0.08730 <.0001	1.00000	0.14276 <.0001	0.15315 <.0001	0.01239 <.0001	0.03550 <.0001	-0.06164 <.0001	-0.26619 <.0001	-0.12559 <.0001	-0.21923 <.0001	-0.25317 <.0001	0.03248 <.0001	-0.09251 <.0001	0.01130 <.0001	
Fruits	-0.04219 <.0001	-0.04055 <.0001	-0.04086 <.0001	0.02385 <.0001	-0.08752 <.0001	-0.07767 <.0001	-0.01339 <.0001	-0.01979 <.0001	0.14276 <.0001	1.00000	0.25434 <.0001	-0.03529 <.0001	0.03154 <.0001	-0.04424 <.0001	-0.10385 <.0001	-0.06822 <.0001	-0.04463 <.0001	-0.04835 <.0001	-0.09117 <.0001	0.06455 <.0001	0.13052 <.0001	
Veggies	-0.05897 <.0001	-0.06127 <.0001	-0.03987 <.0001	0.00612 <.0001	-0.06228 <.0001	-0.03068 <.0001	-0.04112 <.0001	-0.03917 <.0001	0.15315 <.0001	0.25434 <.0001	1.00000	0.02106 <.0001	0.02958 <.0001	-0.03223 <.0001	-0.12307 <.0001	-0.05888 <.0001	-0.06429 <.0001	-0.08051 <.0001	-0.06477 <.0001	-0.00977 <.0001	0.01130 <.0001	
HvyAlcoholConsump	-0.05788 <.0001	-0.00397 <.0001	-0.01154 <.0001	-0.02373 <.0001	-0.04874 <.0001	0.10162 <.0001	-0.01695 <.0001	-0.02899 <.0001	0.01239 <.0001	-0.03529 <.0001	0.02106 <.0001	1.00000	-0.01049 <.0001	0.00468 <.0001	-0.03672 <.0001	0.02472 <.0001	-0.02642 <.0001	-0.03767 <.0001	0.00574 <.0001	-0.03458 <.0001	0.00455 <.0001	
AnyHealthcare	0.01541 <.0001	0.03842 <.0001	0.04223 <.0001	0.11763 <.0001	-0.01847 <.0001	-0.02325 <.0001	0.00878 <.0001	0.01873 <.0001	0.03550 <.0001	0.03154 <.0001	0.02958 <.0001	-0.01049 <.0001	1.00000	-0.23253 <.0001	-0.04082 <.0001	-0.05271 <.0001	-0.00828 <.0001	0.00707 <.0001	-0.01941 <.0001	0.13805 <.0001	0.01130 <.0001	
NoDocbcCost	0.03544 <.0001	0.01736 <.0001	0.01331 <.0001	-0.05826 <.0001	0.05821 <.0001	0.04895 <.0001	0.03480 <.0001	0.03100 <.0001	-0.06164 <.0001	-0.04424 <.0001	-0.03223 <.0001	0.00468 <.0001	-0.23253 <.0001	1.00000	0.16640 <.0001	0.19211 <.0001	0.14900 <.0001	0.11845 <.0001	-0.04493 <.0001	-0.11978 <.0001	-0.11436 <.0001	
GenHlth	0.30259 <.0001	0.30053 <.0001	0.20843 <.0001	0.04659 <.0001	0.23919 <.0001	0.16314 <.0001	0.17794 <.0001	0.25838 <.0001	-0.26619 <.0001	-0.10385 <.0001	-0.12307 <.0001	-0.03672 <.0001	-0.04082 <.0001	0.16640 <.0001	1.00000	0.30167 <.0001	0.52436 <.0001	0.45692 <.0001	-0.00609 <.0001	0.15245 <.0001	-0.02162 <.0001	
MentHlth	0.07351 <.0001	0.05646 <.0001	0.06207 <.0001	-0.00837 <.0001	0.08531 <.0001	0.09220 <.0001	0.07017 <.0001	0.06462 <.0001	-0.12559 <.0001	-0.06822 <.0001	-0.05888 <.0001	0.02472 <.0001	-0.05271 <.0001	0.19211 <.0001	0.30167 <.0001	1.00000	0.35362 <.0001	0.23369 <.0001	-0.08070 <.0001	-0.09207 <.0001	-0.11436 <.0001	
PhysHlth	0.17629 <.0001	0.16121 <.0001	0.12175 <.0001	0.03177 <.0001	0.12114 <.0001	0.11646 <.0001	0.14894 <.0001	0.18170 <.0001	-0.21923 <.0001	-0.04463 <.0001	-0.06429 <.0001	-0.02642 <.0001	-0.00828 <.0001	0.14900 <.0001	0.52436 <.0001	0.35362 <.0001	1.00000	0.47842 <.0001	-0.04314 <.0001	0.09913 <.0001	-0.01130 <.0001	
DiffWalk	0.22424 <.0001	0.22362 <.0001	0.14467 <.0001	0.04059 <.0001	0.19708 <.0001	0.12246 <.0001	0.17657 <.0001	0.21271 <.0001	-0.25317 <.0001	-0.04835 <.0001	-0.08051 <.0001	-0.03767 <.0001	0.00707 <.0001	0.11845 <.0001	0.45692 <.0001	0.23369 <.0001	0.47842 <.0001	1.00000	-0.07030 <.0001	0.20445 <.0001	-0.11436 <.0001	
Sex	0.03104 <.0001	0.05221 <.0001	0.03121 <.0001	-0.02212 <.0001	0.04295 <.0001	0.09366 <.0001	0.00298 <.0001	0.08610 <.0001	0.03248 <.0001	-0.09117 <.0001	-0.06477 <.0001	0.00574 <.0001	-0.01941 <.0001	-0.04493 <.0001	-0.00609 <.0001	-0.08070 <.0001	-0.04314 <.0001	-0.07030 <.0001	1.00000	-0.02734 <.0001	0.01130 <.0001	
Age	0.18503 <.0001	0.34445 <.0001	0.27232 <.0001	0.09032 <.0001	-0.03662 <.0001	0.12064 <.0001	0.12697 <.0001	0.22162 <.0001	-0.09251 <.0001	0.06455 <.0001	-0.00977 <.0001	-0.03458 <.0001	0.13805 <.0001	-0.11978 <.0001	0.15245 <.0001	-0.09207 <.0001	0.09913 <.0001	0.20445 <.0001	-0.02734 <.0001	1.00000	-0.11436 <.0001	
Education	-0.13052 <.0001	-0.14136 <.0001	-0.07080 <.0001	0.00151 <.0001	-0.10393 <.0001	-0.16196 <.0001	-0.07601 <.0001	-0.09960 <.0001	0.19966 <.0001	0.11019 <.0001	0.15433 <.0001	0.02400 <.0001	0.12251 <.0001	-0.10070 <.0001	-0.28491 <.0001	-0.10183 <.0001	-0.15509 <.0001	-0.19264 <.0001	0.01948 <.0001	-0.10190 <.0001	1.00000	
Income	-0.17148 <.0001	-0.17123 <.0001	-0.08546 <.0001	0.01426 <.0001	-0.10007 <.0001	-0.12394 <.0001	-0.12860 <.0001	-0.14101 <.0001	0.19854 <.0001	0.07993 <.0001	0.15109 <.0001	0.05362 <.0001	0.15800 <.0001	-0.20318 <.0001	-0.37001 <.0001	-0.20981 <.0001	-0.26680 <.0001	-0.32012 <.0001	0.12714 <.0001	-0.12778 <.0001	0.45692 <.0001	
Diabetes_01	0.98330 <.0001	0.27033 <.0001	0.21029 <.0001	0.06788 <.0001	0.22385 <.0001	0.06278 <.0001	0.10480 <.0001	0.17693 <.0001	-0.12139 <.0001	-0.04209 <.0001	-0.05922 <.0001	-0.05668 <.0001	0.01408 <.0001	0.03803 <.0001	0.30078 <.0001	0.07497 <.0001	0.17495 <.0001	0.22215 <.0001	0.02961 <.0001	0.18589 <.0001	-0.01130 <.0001	

Diabetes\_012 is highly correlated (0.2) with:

Obs	_NAME_	Diabetes_012
14	NoDocbcCost	0.03544
15	GenHlth	0.30259
16	MentHlth	0.07351
17	PhysHlth	0.17629
18	DiffWalk	0.22424
21	Education	-0.13052
22	Income	-0.17148

HighBP is highly correlated (0.2) with:

Obs	_NAME_	HighBP
14	NoDocbcCost	0.01736
15	GenHlth	0.30053
16	MentHlth	0.05646
17	PhysHlth	0.16121
18	DiffWalk	0.22362
21	Education	-0.14136
22	Income	-0.17123

HighChol is highly correlated (0.2) with:

Obs	_NAME_	HighChol
14	NoDocbcCost	0.01331
15	GenHlth	0.20843
16	MentHlth	0.06207
17	PhysHlth	0.12175

Smoker is highly correlated (0.2) with:

Obs	_NAME_	Smoker
14	NoDocbcCost	0.04895
15	GenHlth	0.16314
16	MentHlth	0.09220
17	PhysHlth	0.11646
18	DiffWalk	0.12246
21	Education	-0.16196
22	Income	-0.12394

Stroke is highly correlated (0.2) with:

Obs	_NAME_	Stroke
14	NoDocbcCost	0.03480
15	GenHlth	0.17794
16	MentHlth	0.07017
17	PhysHlth	0.14894
18	DiffWalk	0.17657
21	Education	-0.07601
22	Income	-0.12860

HeartDiseaseorAttack is highly correlated (0.2) with:

Obs	_NAME_	HeartDiseaseorAttack
14	NoDocbcCost	0.03100
15	GenHlth	0.25838
16	MentHlth	0.06462
17	PhysHlth	0.18170
18	DiffWalk	0.21271
21	Education	-0.09960
22	Income	-0.14101

PhysActivity is highly correlated (0.2) with:

Obs	_NAME_	PhysActivity
14	NoDocbcCost	-0.06164
15	GenHlth	-0.26619
16	MentHlth	-0.12559
17	PhysHlth	-0.21923
18	DiffWalk	-0.25317
21	Education	0.19966
22	Income	0.19854

Fruits is highly correlated (0.2) with:

Obs	_NAME_	Fruits
14	NoDocbcCost	-0.04424
15	GenHlth	-0.10385
16	MentHlth	-0.06822
17	PhysHlth	-0.04463
18	DiffWalk	-0.04835
21	Education	0.11019
22	Income	0.07993

Veggies is highly correlated (0.2) with:

Obs	_NAME_	Veggies
14	NoDocbcCost	-0.03223
15	GenHlth	-0.12307
16	MentHlth	-0.05888
17	PhysHlth	-0.06429
18	DiffWalk	-0.08051
21	Education	0.15433
22	Income	0.15109

HvyAlcoholConsump is highly correlated (0.2) with:

Obs	_NAME_	HvyAlcoholConsump
14	NoDocbcCost	0.004684
15	GenHlth	-0.036724
16	MentHlth	0.024716
17	PhysHlth	-0.026415
18	DiffWalk	-0.037668
21	Education	0.023997
22	Income	0.053619

AnyHealthcare is highly correlated (0.2) with:

Obs	_NAME_	AnyHealthcare
14	NoDocbcCost	-0.23253
15	GenHlth	-0.04082
16	MentHlth	-0.05271
17	PhysHlth	-0.00828
18	DiffWalk	0.00707
21	Education	0.12251
22	Income	0.15800

NoDocbcCost is highly correlated (0.2) with:

Obs	_NAME_	NoDocbcCost
14	NoDocbcCost	1.00000
15	GenHlth	0.16640
16	MentHlth	0.19211
17	PhysHlth	0.14900
18	DiffWalk	0.11845
21	Education	-0.10070
22	Income	-0.20318

GenHlth is highly correlated (0.2) with:

Obs	_NAME_	GenHlth
14	NoDocbcCost	0.16640
15	GenHlth	1.00000
16	MentHlth	0.30167
17	PhysHlth	0.52436
18	DiffWalk	0.45692
21	Education	-0.28491
22	Income	-0.37001

MentHlth is highly correlated (0.2) with:

Obs	_NAME_	MentHlth
14	NoDocbcCost	0.19211
15	GenHlth	0.30167
16	MentHlth	1.00000
17	PhysHlth	0.35362
18	DiffWalk	0.23369
21	Education	-0.10183
22	Income	-0.20981

BMI is highly correlated (0.2) with:

Obs	_NAME_	BMI
14	NoDocbcCost	0.05821
15	GenHlth	0.23919
16	MentHlth	0.08531
17	PhysHlth	0.12114
18	DiffWalk	0.19708
21	Education	-0.10393
22	Income	-0.10007

PhysHlth is highly correlated (0.2) with:

Obs	_NAME_	PhysHlth
14	NoDocbcCost	0.14900
15	GenHlth	0.52436
16	MentHlth	0.35362
17	PhysHlth	1.00000
18	DiffWalk	0.47842
21	Education	-0.15509
22	Income	-0.26680

DiffWalk is highly correlated (0.2) with:

Obs	_NAME_	DiffWalk
14	NoDocbcCost	0.11845
15	GenHlth	0.45692
16	MentHlth	0.23369
17	PhysHlth	0.47842
18	DiffWalk	1.00000
21	Education	-0.19264
22	Income	-0.32012

Sex is highly correlated (0.2) with:

Obs	_NAME_	Sex
14	NoDocbcCost	-0.04493
15	GenHlth	-0.00609
16	MentHlth	-0.08070
17	PhysHlth	-0.04314
18	DiffWalk	-0.07030
21	Education	0.01948
22	Income	0.12714

Age is highly correlated (0.2) with:

Obs	_NAME_	Age
14	NoDocbcCost	-0.11978
15	GenHlth	0.15245
16	MentHlth	-0.09207
17	PhysHlth	0.09913
18	DiffWalk	0.20445
21	Education	-0.10190
22	Income	-0.12778

Education is highly correlated (0.2) with:

Obs	_NAME_	Education
14	NoDocbcCost	-0.10070
15	GenHlth	-0.28491
16	MentHlth	-0.10183
17	PhysHlth	-0.15509
18	DiffWalk	-0.19264
21	Education	1.00000
22	Income	0.44911

Income is highly correlated (0.2) with:

Obs	_NAME_	Income
14	NoDocbcCost	-0.20318
15	GenHlth	-0.37001
16	MentHlth	-0.20981
17	PhysHlth	-0.26680
18	DiffWalk	-0.32012
21	Education	0.44911
22	Income	1.00000