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Supplemental Table 1. Selected baseline characteristics of the CO and NC study populations.

Characteristics	CO Cohort 213 (%)	NC Cohort 344 (%)
Sex		
Female	132 (62.0)	216 (62.7)
Male	81 (38.0)	127 (37.0)
Transgender	0 (0.0)	1 (0.3)
Age (years)		
6-17	0 (0.0)	55 (16.1)
18-39	25 (11.7)	53 (15.4)
40-59	76 (35.7)	114 (33.1)
>60	112 (52.6)	119 (34.6)
Missing	0 (0.0)	3 (0.8)
Race/Ethnicity		
Non-Hispanic White	159 (74.6)	265 (77.5)
Non-Hispanic Non-White	27 (12.7)	44 (12.9)
Hispanic	27 (12.7)	33 (9.6)
Missing	0 (0.0)	2 (0.6)

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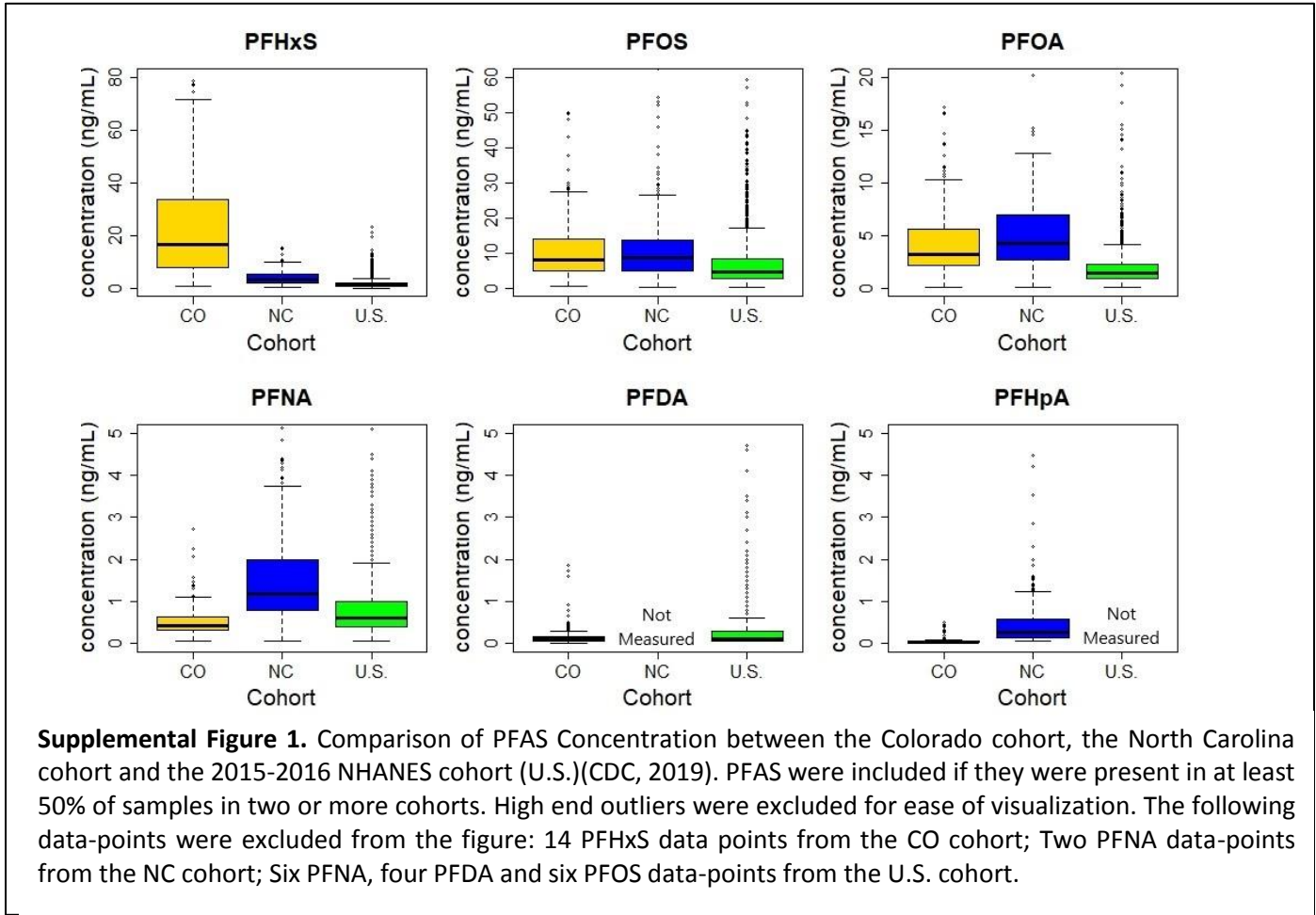
Supplemental Figure 1. Comparison of PFAS Concentration between the Colorado cohort, the North Carolina cohort and the 2015-2016 NHANES cohort (U.S.)(CDC, 2019). PFAS were included if they were present in at least 50% of samples in two or more cohorts. High end outliers were excluded for ease of visualization. The following data-points were excluded from the figure: 14 PFHxS data points from the CO cohort; Two PFNA data-points from the NC cohort; Six PFNA, four PFDA and six PFOS data-points from the U.S. cohort.

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924   **Supplemental Figure 2.**

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Colorado Data Spearman's Correlation Structure

	PFUdA	PFNA	PFDA	MeFOSAA	PFPeS	PFOS	PFOA	PFHxS	PFHpS	UPFOS
PFHpA	0.02	0.16	0.09	0.04	0.16	0.14	0.24	0.05	-0.01	0.08
PFUdA		0.47	0.73	0.17	0.19	0.26	0.22	0.16	0.29	0.28
PFNA			0.74	0.27	0.29	0.59	0.52	0.27	0.45	0.43
PFDA				0.25	0.3	0.44	0.39	0.23	0.38	0.39
MeFOSAA					0.21	0.28	0.23	0.2	0.36	0.36
PFPeS						0.56	0.73	0.68	0.66	0.68
PFOS							0.76	0.72	0.8	0.76
PFOA								0.85	0.84	0.85
PFHxS									0.88	0.86
PFHpS										0.94

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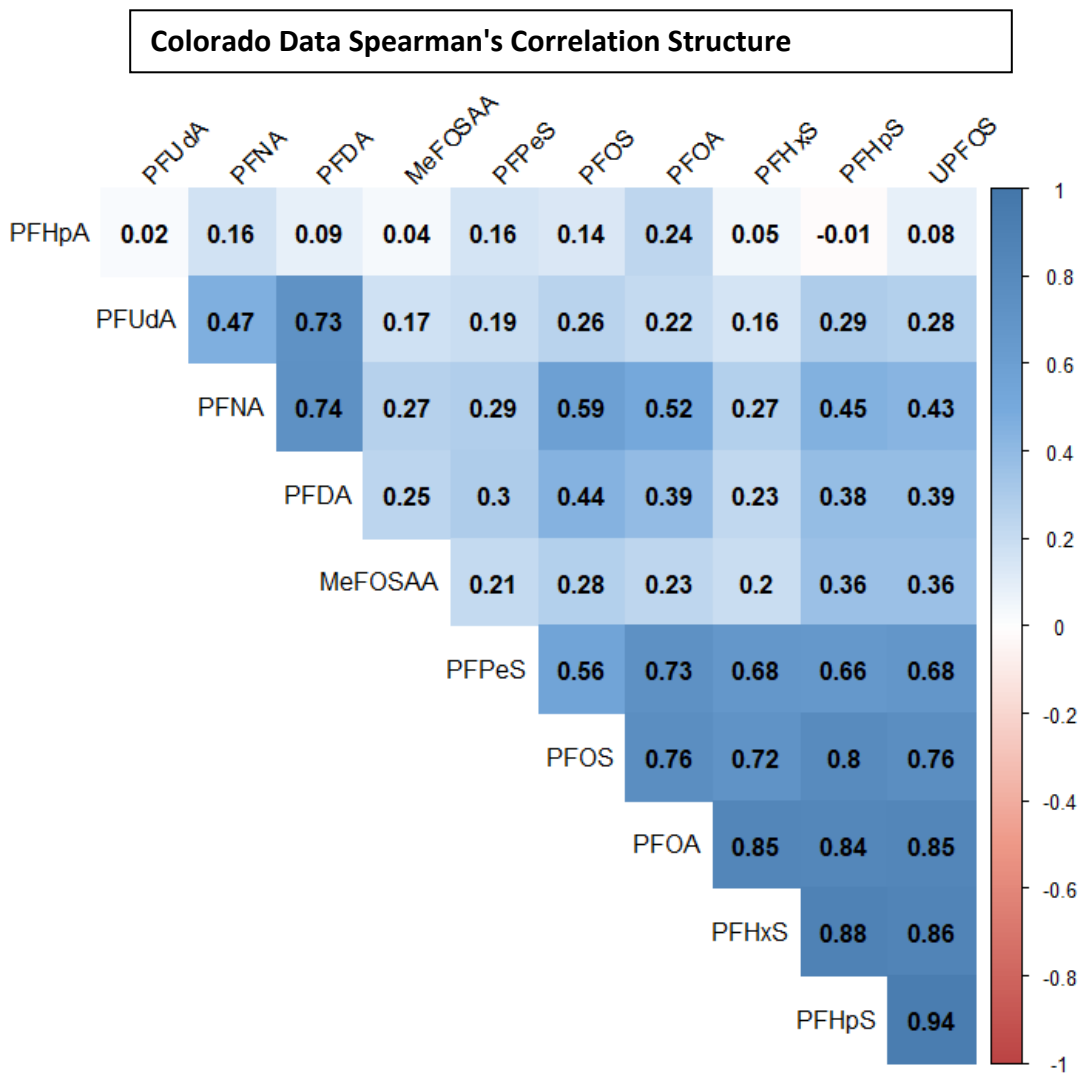
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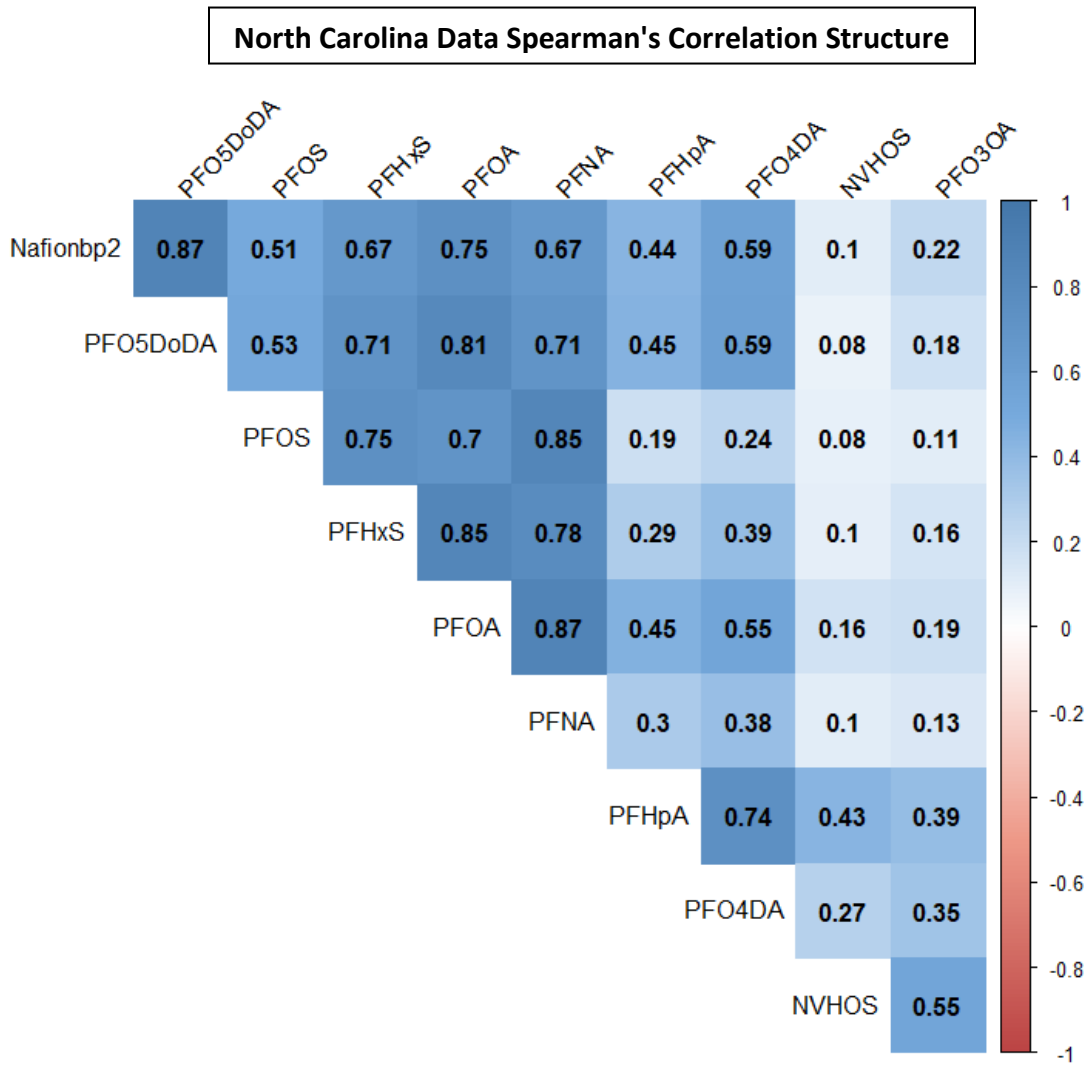
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951   **Supplemental Figure 3.**

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961 **Supplemental Figure 4.**

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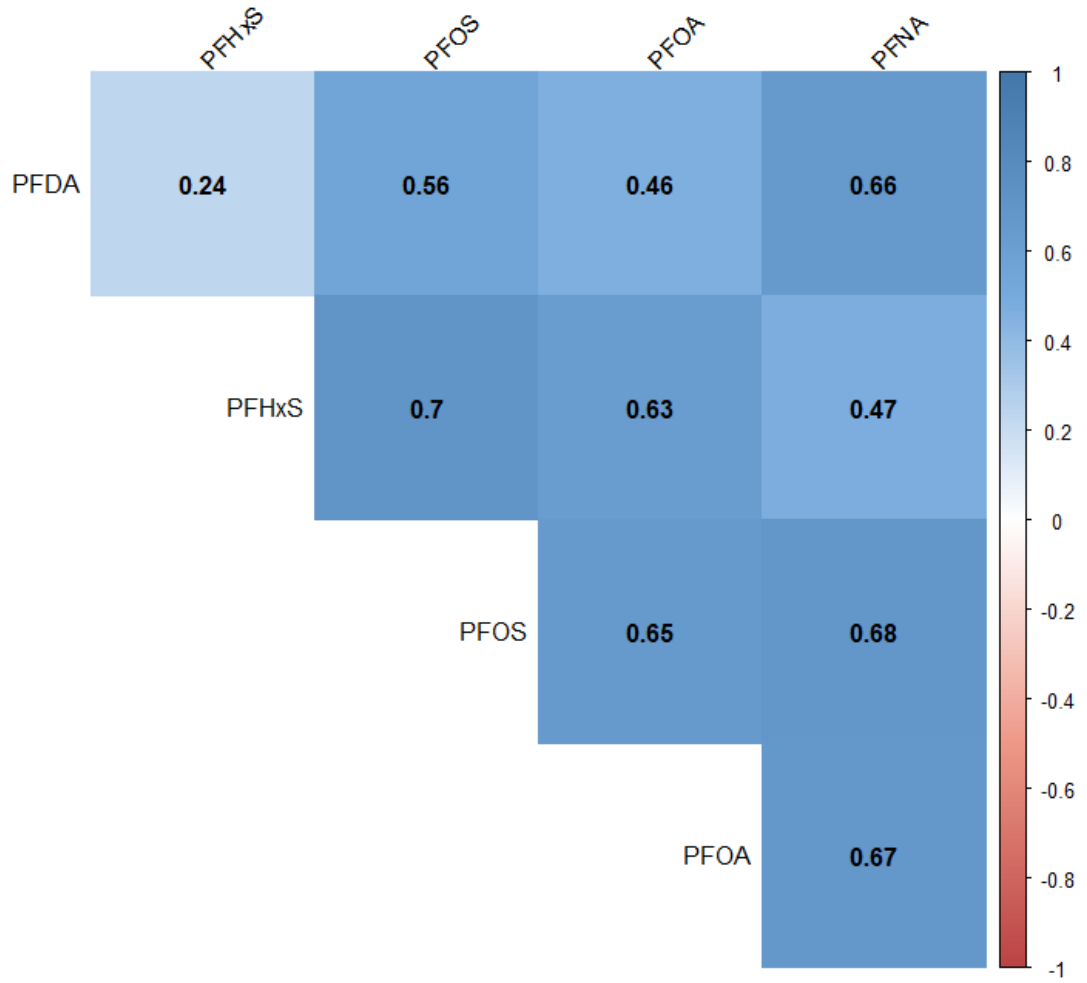976
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NHANES Data Spearman's Correlation Structure

Supplemental Data 1:

984   *Uploaded with submission