

		Number of antibiotic prescriptions (0- 15)	Allergy index ALLIS5	Fur allergy at 5 years 1=yes 0=no/don't know	Dog allergy age 5	Cat allergy age 5
Number of antibiotic prescriptions (0-15)	Pearson Correlation	--				
	N	6231				
Allergy index ALLIS5	Pearson Correlation	,147**	--			
	Sig. (2- tailed)	0,000				
	N	736	736			
Fur allergy at 5 years 1=yes 0=no/don't know	Pearson Correlation	,088**	,471**	--		
	Sig. (2- tailed)	0,008	0,000			
	N	929	661	929		
Dog allergy age 5	Pearson Correlation	.b	.b	.b	.b	
	Sig. (2- tailed)					
	N	753	81	107	753	
Cat allergy age 5	Pearson Correlation	.b	.b	.b	.b	.b
	Sig. (2- tailed)					
	N	1062	137	171	267	1062
Smoking in home	Pearson Correlation	-,030*	0,007	0,017	.b	.b
	Sig. (2- tailed)	0,042	0,871	0,642		
	N	4442	609	773	749	1058
Child gender	Pearson Correlation	,044**	-,106**	-0,009	.b	.b
	Sig. (2- tailed)	0,000	0,004	0,788		
	N	6231	736	929	753	1062
Size for gestational age	Pearson Correlation	0,018	-0,032	-0,013	.b	.b
	Sig. (2- tailed)	0,166	0,404	0,690		
	N	5988	701	879	726	1030
Mother's age at childbirth	Pearson Correlation	-,075**	-,074*	-0,020	.b	.b
	Sig. (2- tailed)	0,000	0,049	0,559		

	N	6111	717	899	741	1045
Breastfeeding time	Pearson Correlation	-,049**	-0,035	0,035	. ^b	. ^b
	Sig. (2-tailed)	0,001	0,396	0,342		
	N	4267	587	738	724	1009
Rural - Urban scale at 2 years	Pearson Correlation	-0,005	0,073	0,047	. ^b	. ^b
	Sig. (2-tailed)	0,760	0,076	0,197		
	N	3608	595	748	499	728
Rural - Urban scale at 5 years	Pearson Correlation	-0,007	,165**	0,072	. ^b	. ^b
	Sig. (2-tailed)	0,813	0,003	0,155		
	N	1142	320	387	151	222
Vulnerability index 4-grade	Pearson Correlation	,030*	0,001	0,025	. ^b	. ^b
	Sig. (2-tailed)	0,022	0,970	0,462		
	N	5908	685	864	716	1011
Household income 2006 decentiles	Pearson Correlation	-0,025	-0,029	0,027	. ^b	. ^b
	Sig. (2-tailed)	0,051	0,428	0,415		
	N	6212	736	929	751	1061
Father's education level	Pearson Correlation	-,030*	-,096*	-0,051	. ^b	. ^b
	Sig. (2-tailed)	0,018	0,010	0,128		
	N	6029	707	891	731	1028
Mother's education level	Pearson Correlation	-,039**	-0,019	-0,040	. ^b	. ^b
	Sig. (2-tailed)	0,002	0,622	0,237		
	N	6111	713	898	742	1043
Chronic conditions index 3-grade	Pearson Correlation	,087**	,284**	,134**	. ^b	. ^b
	Sig. (2-tailed)	0,000	0,000	0,000		
	N	6231	736	929	753	1062
Worries child gets chronic/serious disease at 5 years	Pearson Correlation	,046**	,092*	-0,020	. ^b	. ^b
	Sig. (2-tailed)	0,009	0,014	0,549		
	N	3138	716	900	429	632

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

b . Cannot be computed because at least one of the variables is constant.

Online resource 1: Correlations

Smoking in home	Child gender	Size for gestational age	Mother's age at childbirth	Breast feeding time	Rural - Urban scale at 2 years	Rural - Urban scale at 5 years	Vulnera- bility index 4- grade
--							
4442 0,012 --							
0,421							
4442 0,013	16332 -0,004 --						
0,385	0,602						
4303 0,001	15591 -0,005	15592 0,016	--				
0,970	0,489	0,055					

4346	15971	15257	15972				
,094**	0,015	,034*	,151**	--			
0,000	0,315	0,030	0,000				
4249	4267	4138	4175	4267			
-0,035	0,030	0,006	-,050**	-0,033	--		
0,051	0,074	0,719	0,003	0,073			
3076	3608	3489	3536	2970	3608		
-0,028	-0,012	-0,031	-0,028	-,078*	,761**	--	
0,388	0,685	0,304	0,346	0,019	0,000		
929	1142	1096	1126	901	856	1142	
-,105**	-0,004	-0,009	-,204**	-,081**	,162**	,160**	--
0,000	0,731	0,470	0,000	0,000	0,000	0,000	
4231	5908	5792	5794	4068	3439	1074	5908
,081**	0,025	0,006	,218**	,124**	,110**	0,057	-,242**
0,000	0,050	0,616	0,000	0,000	0,000	0,053	0,000
4431	6212	5970	6093	4257	3601	1139	5894
,090**	0,003	-0,004	,118**	,160**	,134**	,121**	-0,018
0,000	0,792	0,760	0,000	0,000	0,000	0,000	0,163
4315	6029	5888	5915	4146	3503	1096	5825
,130**	0,000	-0,001	,199**	,219**	,063**	0,018	-,144**
0,000	0,988	0,943	0,000	0,000	0,000	0,543	0,000
4371	6111	5966	5996	4198	3540	1110	5891
-0,016	-,033**	-0,013	-0,006	-,035*	-0,020	0,000	0,003
0,288	0,010	0,307	0,663	0,021	0,219	0,991	0,797
4442	6231	5988	6111	4267	3608	1142	5908
-0,020	0,009	0,003	-,071**	-0,029	-0,015	-0,003	,068**
0,311	0,620	0,860	0,000	0,145	0,446	0,914	0,000
2646	3138	3027	3070	2555	2561	1115	2975

[illegible]

--				
6212				
,267**	--			
0,000				
6011	6029			
,280**	,388**	--		
0,000	0,000			
6093	6017	6111		
-,036**	-,046**	-,038**	--	
0,005	0,000	0,003		
6212	6029	6111	6231	
-,048**	-0,032	-,064**	,049**	--
0,007	0,081	0,000	0,006	
3134	3043	3074	3138	3138