

A

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares ^a	df	Mean Square	F	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power ^b	
Corrected Model	Ureaplasma spp.	1.391 ^a	4	.348	1.393	.234	.006	5.573	.437	
	M. hominis	.251 ^b	4	.063	.279	.892	.001	1.116	.112	
	M. genitalium	.052 ^c	4	.013	.628	.643	.003	2.511	.207	
	L. lieri	1.063 ^d	4	.266	1.416	.226	.006	5.665	.444	
	HPV	5.369 ^e	4	1.347	5.510	.000	.022	22.042	.977	
	HSV	.452 ^f	4	.113	.772	.543	.003	3.090	.250	
	Age	456.037 ^g	4	114.009	1.223	.299	.005	4.891	.386	
	Last Sex	1.109 ^h	4	.277	.784	.535	.003	3.137	.253	
	Sex Partners	139.035 ⁱ	4	34.759	1.947	.101	.008	7.789	.589	
	Pregnancies	50.859 ^j	4	12.715	2.491	.042	.010	9.983	.712	
	BirthC	.979 ^k	4	.245	1.113	.349	.004	4.453	.353	
	Pills	1.323 ^l	4	.331	1.443	.218	.006	5.773	.452	
	Inject	3.834 ^m	4	.959	4.038	.003	.016	16.151	.913	
	Condom	.076 ⁿ	4	.020	.498	.737	.002	1.992	.170	
	Implants	.909 ^o	4	.227	2.164	.071	.009	8.655	.642	
	Loop	.345 ^p	4	.086	1.401	.232	.006	5.603	.439	
	Natural	.041 ^q	4	.010	.874	.479	.003	3.497	.280	
	STI	1.652 ^r	4	.423	2.489	.042	.010	9.958	.712	
	Intercept	Ureaplasma spp.	233.363	1	233.363	934.826	.000	.484	934.826	1.000
		M. hominis	99.389	1	99.389	440.991	.000	.307	440.991	1.000
M. genitalium		.343	1	.343	16.670	.000	.016	16.670	.983	
L. lieri		462.929	1	462.929	2467.314	.000	.712	2467.314	1.000	
HPV		201.360	1	201.360	823.931	.000	.452	823.931	1.000	
HSV		26.382	1	26.382	180.247	.000	.153	180.247	1.000	
Age		1251308.347	1	1251308.347	13420.507	.000	.931	13420.507	1.000	
Last Sex		52.767	1	52.767	149.246	.000	.130	149.246	1.000	
Sex Partners		10091.962	1	10091.962	655.376	.000	.362	655.376	1.000	
Pregnancies		9836.266	1	9836.266	1926.934	.000	.659	1926.934	1.000	
BirthC		394.785	1	394.785	1794.763	.000	.643	1794.763	1.000	
Pills		109.767	1	109.767	478.975	.000	.325	478.975	1.000	
Inject		149.956	1	149.956	627.453	.000	.386	627.453	1.000	
Condom		1.459	1	1.459	37.076	.000	.036	37.076	1.000	
Implants		10.231	1	10.231	97.409	.000	.089	97.409	1.000	
Loop		4.408	1	4.408	71.687	.000	.067	71.687	1.000	
Natural		.103	1	.103	8.683	.003	.009	8.683	.837	
STI		117.365	1	117.365	104.705	.000	.065	104.705	1.000	
Cytology		Ureaplasma spp.	1.391	4	.348	1.393	.234	.006	5.573	.437
		M. hominis	.251	4	.063	.279	.892	.001	1.116	.112
	M. genitalium	.052	4	.013	.628	.643	.003	2.511	.207	
	L. lieri	1.063	4	.266	1.416	.226	.006	5.665	.444	
	HPV	5.369	4	1.347	5.510	.000	.022	22.042	.977	
	HSV	.452	4	.113	.772	.543	.003	3.090	.250	
	Age	456.037	4	114.009	1.223	.299	.005	4.891	.386	
	Last Sex	1.109	4	.277	.784	.535	.003	3.137	.253	
	Sex Partners	139.035	4	34.759	1.947	.101	.008	7.789	.589	
	Pregnancies	50.859	4	12.715	2.491	.042	.010	9.983	.712	
	BirthC	.979	4	.245	1.113	.349	.004	4.453	.353	
	Pills	1.323	4	.331	1.443	.218	.006	5.773	.452	
	Inject	3.834	4	.959	4.038	.003	.016	16.151	.913	
	Condom	.076	4	.020	.498	.737	.002	1.992	.170	
	Implants	.909	4	.227	2.164	.071	.009	8.655	.642	
	Loop	.345	4	.086	1.401	.232	.006	5.603	.439	
	Natural	.041	4	.010	.874	.479	.003	3.497	.280	
	STI	1.652	4	.423	2.489	.042	.010	9.958	.712	
	Error	Ureaplasma spp.	248.684	997	.250					
		M. hominis	224.700	997	.225					
M. genitalium		20.508	997	.021						
L. lieri		187.062	997	.188						
HPV		242.145	997	.243						
HSV		145.927	997	.146						
Age		92958.813	997	93.239						
Last Sex		352.496	997	.354						
Sex Partners		17360.459	997	17.360						
Pregnancies		5089.308	997	5.105						
BirthC		219.305	997	.220						
Pills		228.482	997	.229						
Inject		236.686	997	.237						
Condom		39.244	997	.039						
Implants		104.720	997	.105						
Loop		61.308	997	.061						
Natural		11.815	997	.012						
STI		169.441	997	.170						
Total		Ureaplasma spp.	516.000	1002						
		M. hominis	341.000	1002						
	M. genitalium	21.000	1002							
	L. lieri	751.000	1002							
	HPV	444.000	1002							
	HSV	178.000	1002							
	Age	1564112.000	1002							
	Last Sex	414.000	1002							
	Sex Partners	29293.000	1002							
	Pregnancies	16187.000	1002							
	BirthC	675.000	1002							
	Pills	357.000	1002							
	Inject	401.000	1002							
	Condom	41.000	1002							
	Implants	120.000	1002							
	Loop	66.000	1002							
	Natural	12.000	1002							
	STI	188.000	1002							
	Corrected Total	Ureaplasma spp.	250.275	1001						
		M. hominis	224.951	1001						
M. genitalium		20.560	1001							
L. lieri		188.125	1001							
HPV		249.134	1001							
HSV		146.379	1001							
Age		93414.850	1001							
Last Sex		353.605	1001							
Sex Partners		17935.494	1001							
Pregnancies		5140.165	1001							
BirthC		220.284	1001							
Pills		229.805	1001							
Inject		240.520	1001							
Condom		39.222	1001							
Implants		105.629	1001							
Loop		61.653	1001							
Natural		11.856	1001							
STI		171.134	1001							

^a. R Squared = .005 (Adjusted R Squared = .002)
^b. R Squared = .001 (Adjusted R Squared = -.003)
^c. R Squared = .003 (Adjusted R Squared = -.001)
^d. R Squared = .006 (Adjusted R Squared = .002)
^e. R Squared = .022 (Adjusted R Squared = .018)
^f. R Squared = .003 (Adjusted R Squared = -.001)
^g. R Squared = .005 (Adjusted R Squared = .001)
^h. R Squared = .003 (Adjusted R Squared = -.001)
ⁱ. R Squared = .008 (Adjusted R Squared = .004)
^j. R Squared = .016 (Adjusted R Squared = .006)
^k. R Squared = .004 (Adjusted R Squared = .000)
^l. R Squared = .006 (Adjusted R Squared = .002)
^m. R Squared = .016 (Adjusted R Squared = .012)
ⁿ. R Squared = .002 (Adjusted R Squared = -.002)
^o. R Squared = .006 (Adjusted R Squared = .005)
^p. R Squared = .006 (Adjusted R Squared = .002)
^q. R Squared = .003 (Adjusted R Squared = -.001)
^r. R Squared = .010 (Adjusted R Squared = .006)
^s. Computed using alpha = .05

B

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared	Nonscent Parameter	Observed Power ^a
Corrected Model	Cytology	2.639 ^a	1	2.639	1.775	.183	.002	1.775	.265
	M. hominis	2.004 ^b	1	2.004	8.989	.003	.009	8.989	.850
	M. genitalium	.041 ^c	1	.041	1.976	.160	.002	1.976	.290
	L. iners	3.190 ^d	1	3.190	17.252	.000	.017	17.252	.986
	HPV	.322 ^e	1	.322	1.316	.252	.001	1.316	.299
	Age	1.066 ^f	1	1.066	7.337	.007	.007	7.337	.772
	Sex Partners	.147 ^g	1	.147	.008	.928	.000	.008	.051
	Pregnancies	.077 ^h	1	.077	.351	.554	.000	.351	.091
	Inject	.528 ⁱ	1	.528	2.201	.138	.002	2.201	.317
	Condom	.068 ^j	1	.068	1.723	.190	.002	1.723	.259
	Implants	.207 ^k	1	.207	1.967	.161	.002	1.967	.289
	Loop	.064 ^l	1	.064	1.032	.310	.001	1.032	.174
	Natural	.006 ^m	1	.006	.469	.494	.000	.469	.105
	STI	.062 ⁿ	1	.062	.364	.547	.000	.364	.093
	Intercept	2842.655	1	2842.655	1911.721	.000	.657	1911.721	1.000
	M. hominis	115.034	1	115.034	515.969	.000	.340	515.969	1.000
	M. genitalium	.432	1	.432	21.042	.000	.021	21.042	.996
	L. iners	559.937	1	559.937	3027.221	.000	.752	3027.221	1.000
	HPV	214.172	1	214.172	860.798	.000	.463	860.798	1.000
	Age	31.246	1	31.246	215.024	.000	.177	215.024	1.000
Sex Partners	1469826.967	1	1469826.967	15740.826	.000	.940	15740.826	1.000	
Pregnancies	60.833	1	60.833	172.578	.000	.147	172.578	1.000	
Inject	11314.909	1	11314.909	630.872	.000	.387	630.872	1.000	
Condom	11034.668	1	11034.668	2146.808	.000	.682	2146.808	1.000	
Implants	453.853	1	453.853	2081.493	.000	.673	2081.493	1.000	
Loop	127.117	1	127.117	553.156	.000	.356	553.156	1.000	
Natural	159.788	1	159.788	685.798	.000	.400	685.798	1.000	
STI	1.856	1	1.856	43.214	.000	.241	43.214	1.000	
Ureaplasmappp	14.255	1	14.255	135.222	.000	.119	135.222	1.000	
Loop	4.375	1	4.375	71.034	.000	.066	71.034	1.000	
Natural	.145	1	.145	12.259	.000	.012	12.259	.938	
STI	16.913	1	16.913	98.862	.000	.090	98.862	1.000	
Cytology	2.639	1	2.639	1.775	.183	.002	1.775	.265	
M. hominis	2.004	1	2.004	8.989	.003	.009	8.989	.850	
M. genitalium	.041	1	.041	1.976	.160	.002	1.976	.290	
L. iners	3.190	1	3.190	17.252	.000	.017	17.252	.986	
HPV	.322	1	.322	1.316	.252	.001	1.316	.299	
Age	1.066	1	1.066	7.337	.007	.007	7.337	.772	
Sex Partners	.147	1	.147	.008	.928	.000	.008	.051	
Pregnancies	.077	1	.077	.351	.554	.000	.351	.091	
Inject	.528	1	.528	2.201	.138	.002	2.201	.317	
Condom	.068	1	.068	1.723	.190	.002	1.723	.259	
Implants	.207	1	.207	1.967	.161	.002	1.967	.289	
Loop	.064	1	.064	1.032	.310	.001	1.032	.174	
Natural	.006	1	.006	.469	.494	.000	.469	.105	
STI	.062	1	.062	.364	.547	.000	.364	.093	
Error	Cytology	1466.862	1000	1.467					
M. hominis	222.947	1000	.223						
M. genitalium	20.519	1000	.021						
L. iners	184.924	1000	.185						
HPV	240.866	1000	.241						
Age	145.313	1000	.145						
Sex Partners	93376.734	1000	93.377						
Pregnancies	352.493	1000	.352						
Inject	17935.247	1000	17.935						
Condom	5140.235	1000	5.140						
Implants	220.207	1000	.220						
Loop	229.803	1000	.230						
Natural	239.992	1000	.240						
STI	29.255	1000	.029						
Total	Cytology	4340.000	1002						
M. hominis	341.000	1002							
M. genitalium	21.000	1002							
L. iners	751.000	1002							
HPV	464.000	1002							
Age	1564412.000	1002							
Sex Partners	414.000	1002							
Pregnancies	29263.000	1002							
Inject	16167.000	1002							
Condom	675.000	1002							
Implants	357.000	1002							
Loop	401.000	1002							
Natural	41.000	1002							
STI	120.000	1002							
Corrected Total	Cytology	12.000	1002						
M. hominis	188.000	1002							
M. genitalium	1489.601	1001							
L. iners	224.951	1001							
M. genitalium	20.560	1001							
L. iners	188.125	1001							
HPV	249.134	1001							
Age	1462.979	1001							
Sex Partners	93414.850	1001							
Pregnancies	353.605	1001							
Inject	17935.484	1001							
Condom	5140.165	1001							
Implants	220.284	1001							
Loop	229.805	1001							
Natural	240.520	1001							
STI	29.222	1001							
Corrected Total	Cytology	11.856	1001						
M. hominis	188.000	1002							
M. genitalium	1489.601	1001							
L. iners	224.951	1001							
M. genitalium	20.560	1001							
L. iners	188.125	1001							
HPV	249.134	1001							
Age	1462.979	1001							
Sex Partners	93414.850	1001							
Pregnancies	353.605	1001							
Inject	17935.484	1001							
Condom	5140.165	1001							
Implants	220.284	1001							
Loop	229.805	1001							
Natural	240.520	1001							
STI	29.222	1001							

a. R Squared = .002 (Adjusted R Squared = .001)
 b. R Squared = .009 (Adjusted R Squared = .008)
 c. R Squared = .002 (Adjusted R Squared = .001)
 d. R Squared = .017 (Adjusted R Squared = .016)
 e. R Squared = .001 (Adjusted R Squared = .000)
 f. R Squared = .007 (Adjusted R Squared = .006)
 g. R Squared = .000 (Adjusted R Squared = -.001)
 h. R Squared = .003 (Adjusted R Squared = .002)
 i. R Squared = .000 (Adjusted R Squared = -.001)
 j. R Squared = .000 (Adjusted R Squared = -.001)
 k. R Squared = .000 (Adjusted R Squared = -.001)
 l. R Squared = .000 (Adjusted R Squared = -.001)
 m. R Squared = .002 (Adjusted R Squared = .001)
 n. R Squared = .002 (Adjusted R Squared = .001)
 o. R Squared = .002 (Adjusted R Squared = .001)
 p. R Squared = .001 (Adjusted R Squared = .000)
 q. R Squared = .000 (Adjusted R Squared = -.001)
 r. R Squared = .000 (Adjusted R Squared = -.001)
 s. Computed using alpha = .05

C

Tests of Between-Subjects Effects										
Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power ^a	
Corrected Model	Cytology	.036 ^a	1	.036	.024	.876	.000	.024	.053	
	Ureaplasma spp.	2.230 ^b	1	2.230	9.889	.003	.009	9.889	.850	
	M. genitalium	.105 ^c	1	.105	5.119	.024	.005	5.119	.618	
	L. iners	3.948 ^d	1	3.948	20.980	.000	.020	20.980	.995	
	HPV	6.450 ^e	1	6.450	26.579	.000	.026	26.579	.999	
	HSV	13.167 ^f	1	13.167	98.840	.000	.090	98.840	1.000	
	Age	165.895 ^g	1	165.895	1.779	.183	.002	1.779	.266	
	Last Sex	1.396 ^h	1	1.396	3.962	.047	.004	3.962	.511	
	Sex Partners	99.308 ⁱ	1	99.308	5.568	.018	.008	5.568	.654	
	Pregnancies	5.212 ^j	1	5.212	1.015	.314	.001	1.015	.172	
	BirHC	.602 ^k	1	.602	0.10	.919	.000	0.10	.051	
	Pills	.028 ^l	1	.028	.121	.727	.000	.121	.064	
	Inject	.136 ^m	1	.136	.566	.452	.001	.566	.117	
	Condom	.019 ⁿ	1	.019	.474	.491	.000	.474	.106	
	Implants	.021 ^o	1	.021	.197	.657	.000	.197	.073	
	Loop	.133 ^p	1	.133	2.155	.142	.002	2.155	.311	
	Natural	3.124E-5 ^q	1	3.124E-5	.003	.959	.000	.003	.050	
	STI	.841 ^r	1	.841	4.941	.026	.005	4.941	.603	
	Intercept	Cytology	2565.849	1	2565.849	1722.450	.000	.633	1722.450	1.000
		Ureaplasma spp.	253.583	1	253.583	1022.322	.000	.506	1022.322	1.000
		M. genitalium	.236	1	.236	25.195	.000	.026	25.195	.999
L. iners		534.027	1	534.027	2897.959	.000	.743	2897.959	1.000	
HPV		216.143	1	216.143	890.637	.000	.471	890.637	1.000	
HSV		42.089	1	42.089	315.953	.000	.240	315.953	1.000	
Age		1311260.933	1	1311260.933	14081.937	.000	.934	14081.937	1.000	
Last Sex		48.021	1	48.021	138.613	.000	.122	138.613	1.000	
Sex Partners		10024.290	1	10024.290	606.972	.000	.378	606.972	1.000	
Pregnancies		9775.440	1	9775.440	1903.706	.000	.656	1903.706	1.000	
BirHC		487.723	1	487.723	1850.912	.000	.649	1850.912	1.000	
Pills		115.365	1	115.365	902.074	.000	.334	902.074	1.000	
Inject		146.954	1	146.954	611.332	.000	.379	611.332	1.000	
Condom		1.815	1	1.815	41.101	.000	.000	41.101	1.000	
Implants		13.238	1	13.238	125.354	.000	.111	125.354	1.000	
Loop		3.458	1	3.458	56.208	.000	.053	56.208	1.000	
Natural		.128	1	.128	10.777	.001	.011	10.777	.307	
STI		17.512	1	17.512	102.036	.000	.093	102.036	1.000	
M:homins		Cytology	.036	1	.036	.024	.876	.000	.024	.053
		Ureaplasma spp.	2.230	1	2.230	9.889	.003	.009	9.889	.850
		M. genitalium	.105	1	.105	5.119	.024	.005	5.119	.618
	L. iners	3.948	1	3.948	20.980	.000	.020	20.980	.995	
	HPV	6.450	1	6.450	26.579	.000	.026	26.579	.999	
	HSV	13.167	1	13.167	98.840	.000	.090	98.840	1.000	
	Age	165.895	1	165.895	1.779	.183	.002	1.779	.266	
	Last Sex	1.396	1	1.396	3.962	.047	.004	3.962	.511	
	Sex Partners	99.308	1	99.308	5.568	.018	.008	5.568	.654	
	Pregnancies	5.212	1	5.212	1.015	.314	.001	1.015	.172	
	BirHC	.602	1	.602	0.10	.919	.000	0.10	.051	
	Pills	.028	1	.028	.121	.727	.000	.121	.064	
	Inject	.136	1	.136	.566	.452	.001	.566	.117	
	Condom	.019	1	.019	.474	.491	.000	.474	.106	
	Implants	.021	1	.021	.197	.657	.000	.197	.073	
	Loop	.133	1	.133	2.155	.142	.002	2.155	.311	
	Natural	3.124E-5	1	3.124E-5	.003	.959	.000	.003	.050	
	STI	.841	1	.841	4.941	.026	.005	4.941	.603	
	Error	Cytology	1489.664	1000	1.490					
		Ureaplasma spp.	248.046	1000	.248					
		M. genitalium	20.455	1000	.020					
L. iners		184.277	1000	.184						
HPV		242.684	1000	.243						
HSV		133.212	1000	.133						
Age		93248.955	1000	93.249						
Last Sex		352.209	1000	.352						
Sex Partners		17836.186	1000	17.836						
Pregnancies		5134.952	1000	5.135						
BirHC		230.282	1000	.230						
Pills		229.777	1000	.230						
Inject		240.394	1000	.240						
Condom		39.304	1000	.039						
Implants		185.608	1000	.186						
Loop		61.620	1000	.062						
Natural		11.856	1000	.012						
STI		170.292	1000	.170						
Total		Cytology	4340.000	1002						
		Ureaplasma spp.	516.000	1002						
		M. genitalium	21.000	1002						
	L. iners	751.000	1002							
	HPV	464.000	1002							
	HSV	178.000	1002							
	Age	1564112.000	1002							
	Last Sex	414.000	1002							
	Sex Partners	29263.000	1002							
	Pregnancies	16187.000	1002							
	BirHC	675.000	1002							
	Pills	397.000	1002							
	Inject	491.000	1002							
	Condom	41.000	1002							
	Implants	120.000	1002							
	Loop	66.000	1002							
	Natural	12.000	1002							
	STI	188.000	1002							
	Corrected Total	Cytology	1489.601	1001						
		Ureaplasma spp.	250.275	1001						
		M. genitalium	20.560	1001						
L. iners		188.125	1001							
HPV		249.134	1001							
HSV		146.379	1001							
Age		93414.850	1001							
Last Sex		353.605	1001							
Sex Partners		17935.494	1001							
Pregnancies		5140.165	1001							
BirHC		230.284	1001							
Pills		229.805	1001							
Inject		240.620	1001							
Condom		39.322	1001							
Implants		185.629	1001							
Loop		61.653	1001							
Natural		11.856	1001							
STI		171.134	1001							

a. R Squared = .000 (Adjusted R Squared = -.001)
 b. R Squared = .009 (Adjusted R Squared = .008)
 c. R Squared = .005 (Adjusted R Squared = .004)
 d. R Squared = .020 (Adjusted R Squared = .019)
 e. R Squared = .026 (Adjusted R Squared = .025)
 f. R Squared = .090 (Adjusted R Squared = .089)
 g. R Squared = .002 (Adjusted R Squared = .001)
 h. R Squared = .004 (Adjusted R Squared = .003)
 i. R Squared = .006 (Adjusted R Squared = .005)
 j. R Squared = .001 (Adjusted R Squared = .000)
 k. R Squared = .000 (Adjusted R Squared = -.001)
 l. R Squared = .000 (Adjusted R Squared = -.001)
 m. R Squared = .001 (Adjusted R Squared = .000)
 n. R Squared = .000 (Adjusted R Squared = -.001)
 o. R Squared = .000 (Adjusted R Squared = -.001)
 p. R Squared = .002 (Adjusted R Squared = .001)
 q. R Squared = .000 (Adjusted R Squared = -.001)
 r. R Squared = .005 (Adjusted R Squared = .004)
 s. Computed using alpha = .05

D

Tests of Between-Subjects Effects										
Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared	Noncent Parameter	Observed Power ^a	
Corrected Model	Cytology	.009 ^a	1	.009	.006	.940	.000	.006	.051	
	Ureaplasma spp.	.494 ^b	1	.494	1.976	.160	.002	1.976	.290	
	M. hominis	1.144 ^c	1	1.146	5.119	.024	.005	5.119	.618	
	L. iners	.077 ^d	1	.077	.411	.522	.000	.411	.098	
	HPV	.026 ^e	1	.026	.103	.749	.000	.103	.062	
	HV	1.912 ^f	1	1.912	13.233	.000	.013	13.233	.953	
	Age	178.258 ^g	1	178.258	1.912	.167	.002	1.912	.282	
	Last Sex	.226 ^h	1	.226	.840	.424	.001	.840	.128	
	Sex Partners	.007 ⁱ	1	.007	.000	.984	.000	.000	.050	
	Pregnancies	1.087 ^j	1	1.087	.212	.646	.000	.212	.075	
	BirthC	.064 ^k	1	.064	.290	.590	.000	.290	.084	
	Pills	.300 ^l	1	.300	1.306	.253	.001	1.306	.208	
	Insect	.124 ^m	1	.124	.515	.473	.001	.515	.111	
	Condom	.063 ⁿ	1	.063	1.612	.204	.002	1.612	.245	
	Implants	.013 ^o	1	.013	.122	.727	.000	.122	.064	
	Loop	.019 ^p	1	.019	.300	.584	.000	.300	.085	
	Natural	.003 ^q	1	.003	.260	.611	.000	.260	.080	
	STI	1.915 ^r	1	1.915	11.319	.001	.011	11.319	.919	
	Intercept	Cytology	231.246	1	231.246	155.241	.000	.134	155.241	1.000
		Ureaplasma spp.	28.549	1	28.549	114.298	.000	.103	114.298	1.000
M. hominis		16.906	1	16.906	75.539	.000	.070	75.539	1.000	
L. iners		49.900	1	49.900	265.303	.000	.210	265.303	1.000	
HPV		16.373	1	16.373	65.726	.000	.062	65.726	1.000	
HV		8.618	1	8.618	59.656	.000	.056	59.656	1.000	
Age		111983.192	1	111983.192	1201.065	.000	.546	1201.065	1.000	
Last Sex		3.136	1	3.136	8.915	.003	.009	8.915	.845	
Sex Partners		934.770	1	934.770	52.118	.000	.050	52.118	1.000	
Pregnancies		847.514	1	847.514	164.916	.000	.142	164.916	1.000	
BirthC		34.419	1	34.419	156.294	.000	.135	156.294	1.000	
Pills		7.326	1	7.326	31.919	.000	.031	31.919	1.000	
Insect		15.733	1	15.733	65.445	.000	.061	65.445	1.000	
Condom		.375	1	.375	9.543	.002	.009	9.543	.870	
Implants		.955	1	.955	9.042	.003	.009	9.042	.852	
Loop		.529	1	.529	8.591	.003	.009	8.591	.834	
Natural		.003	1	.003	.260	.611	.000	.260	.080	
STI		6.263	1	6.263	37.010	.000	.036	37.010	1.000	
M genitalium		Cytology	.009	1	.009	.006	.940	.000	.006	.051
		Ureaplasma spp.	.494	1	.494	1.976	.160	.002	1.976	.290
	M. hominis	1.146	1	1.146	5.119	.024	.005	5.119	.618	
	L. iners	.077	1	.077	.411	.522	.000	.411	.098	
	HPV	.026	1	.026	.103	.749	.000	.103	.062	
	HV	1.912	1	1.912	13.233	.000	.013	13.233	.953	
	Age	178.258	1	178.258	1.912	.167	.002	1.912	.282	
	Last Sex	.226	1	.226	.840	.424	.001	.840	.128	
	Sex Partners	.007	1	.007	.000	.984	.000	.000	.050	
	Pregnancies	1.087	1	1.087	.212	.646	.000	.212	.075	
	BirthC	.064	1	.064	.290	.590	.000	.290	.084	
	Pills	.300	1	.300	1.306	.253	.001	1.306	.208	
	Insect	.124	1	.124	.515	.473	.001	.515	.111	
	Condom	.063	1	.063	1.612	.204	.002	1.612	.245	
	Implants	.013	1	.013	.122	.727	.000	.122	.064	
	Loop	.019	1	.019	.300	.584	.000	.300	.085	
	Natural	.003	1	.003	.260	.611	.000	.260	.080	
	STI	1.915	1	1.915	11.319	.001	.011	11.319	.919	
	Error	Cytology	1489.592	1080	1.480					
		Ureaplasma spp.	249.782	1080	.250					
M. hominis		223.895	1080	.224						
L. iners		188.047	1080	.188						
HPV		245.188	1080	.249						
HV		144.467	1080	.144						
Age		92396.592	1080	93.237						
Last Sex		353.379	1080	.353						
Sex Partners		17935.487	1080	17.935						
Pregnancies		5139.078	1080	5.139						
BirthC		220.220	1080	.220						
Pills		229.556	1080	.230						
Insect		245.366	1080	.240						
Condom		39.259	1080	.039						
Implants		105.616	1080	.106						
Loop		61.634	1080	.062						
Natural		11.853	1080	.012						
STI		169.218	1080	.166						
Total		Cytology	4340.000	1082						
		Ureaplasma spp.	516.000	1082						
	M. hominis	341.000	1082							
	L. iners	751.000	1082							
	HPV	464.000	1082							
	HV	178.000	1082							
	Age	1564112.000	1082							
	Last Sex	414.000	1082							
	Sex Partners	29263.000	1082							
	Pregnancies	16187.000	1082							
	BirthC	675.000	1082							
	Pills	397.000	1082							
	Insect	401.000	1082							
	Condom	41.000	1082							
	Implants	120.000	1082							
	Loop	66.000	1082							
	Natural	12.000	1082							
	STI	188.000	1082							
	Corrected Total	Cytology	1489.601	1081						
		Ureaplasma spp.	250.275	1081						
M. hominis		224.951	1081							
L. iners		188.125	1081							
HPV		245.134	1081							
HV		146.379	1081							
Age		93414.850	1081							
Last Sex		353.955	1081							
Sex Partners		17935.494	1081							
Pregnancies		5140.165	1081							
BirthC		220.284	1081							
Pills		229.895	1081							
Insect		245.520	1081							
Condom		39.322	1081							
Implants		105.629	1081							
Loop		61.653	1081							
Natural		11.856	1081							
STI		171.134	1081							

- a. R Squared = .000 (Adjusted R Squared = -.001)
- b. R Squared = .002 (Adjusted R Squared = .001)
- c. R Squared = .005 (Adjusted R Squared = .004)
- d. R Squared = .000 (Adjusted R Squared = -.001)
- e. R Squared = .000 (Adjusted R Squared = -.001)
- f. R Squared = .013 (Adjusted R Squared = .012)
- g. R Squared = .002 (Adjusted R Squared = .001)
- h. R Squared = .001 (Adjusted R Squared = .000)
- i. R Squared = .000 (Adjusted R Squared = -.001)
- j. R Squared = .000 (Adjusted R Squared = -.001)
- k. R Squared = .000 (Adjusted R Squared = -.001)
- l. R Squared = .001 (Adjusted R Squared = .000)
- m. R Squared = .001 (Adjusted R Squared = .000)
- n. R Squared = .002 (Adjusted R Squared = .001)
- o. R Squared = .000 (Adjusted R Squared = -.001)
- p. R Squared = .000 (Adjusted R Squared = -.001)
- q. R Squared = .000 (Adjusted R Squared = -.001)
- r. R Squared = .011 (Adjusted R Squared = .010)
- s. Computed using alpha = .05

E

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared	Nonscent. Parameter	Observed Power ^a	
Corrected Model	Cytology	2.975 ^a	1	2.975	2.001	.158	.002	2.001	.293	
	M. genitalium	.008 ^b	1	.008	.411	.522	.000	.411	.098	
	Ureaplasma spp.	4.244 ^c	1	4.244	17.252	.000	.017	17.252	.988	
	M. hominis	4.601 ^d	1	4.601	20.980	.000	.020	20.980	.995	
	HPV	5.185 ^e	1	5.185	21.254	.000	.021	21.254	.996	
	HSV	.714 ^f	1	.714	4.901	.027	.005	4.901	.599	
	Age	2314.393 ^g	1	2314.393	25.405	.000	.025	25.405	.999	
	Last Sex	3.423 ^h	1	3.423	9.776	.002	.010	9.776	.878	
	Sex Partners	38.343 ⁱ	1	38.343	2.142	.144	.002	2.142	.310	
	Pregnancies	54.660 ^j	1	54.660	10.788	.001	.011	10.788	.907	
	BiHC	.348 ^k	1	.348	1.581	.209	.002	1.581	.241	
	Pills	.001 ^l	1	.001	.004	.948	.000	.004	.050	
	Inject	.580 ^m	1	.580	2.419	.120	.002	2.419	.343	
	Condom	.057 ⁿ	1	.057	1.448	.229	.001	1.448	.225	
	Implants	.050 ^o	1	.050	.471	.493	.000	.471	.105	
	Loop	.106 ^p	1	.106	1.723	.190	.002	1.723	.259	
	Natural	.021 ^q	1	.021	1.807	.179	.002	1.807	.269	
	STI	.011 ^r	1	.011	.064	.800	.000	.064	.057	
	Intercept	Cytology	2221.023	1	2221.023	1494.002	.000	.598	1494.002	1.000
		M. genitalium	.280	1	.280	13.620	.000	.013	13.620	.958
Ureaplasma spp.		171.570	1	171.570	697.350	.000	.411	697.350	1.000	
M. hominis		68.313	1	68.313	310.022	.000	.237	310.022	1.000	
HPV		133.786	1	133.786	648.425	.000	.354	648.425	1.000	
HSV		19.816	1	19.816	136.036	.000	.120	136.036	1.000	
Age		1155523.622	1	1155523.622	12884.059	.000	.927	12884.059	1.000	
Last Sex		58.645	1	58.645	167.470	.000	.143	167.470	1.000	
Sex Partners		7946.487	1	7946.487	444.008	.000	.307	444.008	1.000	
Pregnancies		6893.983	1	6893.983	17064.979	.000	.638	17064.979	1.000	
BiHC		330.703	1	330.703	1503.627	.000	.601	1503.627	1.000	
Pills		95.219	1	95.219	414.346	.000	.293	414.346	1.000	
Inject		112.317	1	112.317	488.108	.000	.319	488.108	1.000	
Condom		1.807	1	1.807	25.645	.000	.025	25.645	.999	
Implants		10.074	1	10.074	95.414	.000	.387	95.414	1.000	
Loop		3.879	1	3.879	63.018	.000	.059	63.018	1.000	
Natural		.065	1	.065	5.518	.019	.005	5.518	.651	
STI		13.041	1	13.041	76.208	.000	.071	76.208	1.000	
Liners		Cytology	2.975	1	2.975	2.001	.158	.002	2.001	.293
		M. genitalium	.008	1	.008	.411	.522	.000	.411	.098
	Ureaplasma spp.	4.244	1	4.244	17.252	.000	.017	17.252	.988	
	M. hominis	4.601	1	4.601	20.980	.000	.020	20.980	.995	
	HPV	5.185	1	5.185	21.254	.000	.021	21.254	.996	
	HSV	.714	1	.714	4.901	.027	.005	4.901	.599	
	Age	2314.393	1	2314.393	25.405	.000	.025	25.405	.999	
	Last Sex	3.423	1	3.423	9.776	.002	.010	9.776	.878	
	Sex Partners	38.343	1	38.343	2.142	.144	.002	2.142	.310	
	Pregnancies	54.660	1	54.660	10.788	.001	.011	10.788	.907	
	BiHC	.348	1	.348	1.581	.209	.002	1.581	.241	
	Pills	.001	1	.001	.004	.948	.000	.004	.050	
	Inject	.580	1	.580	2.419	.120	.002	2.419	.343	
	Condom	.057	1	.057	1.448	.229	.001	1.448	.225	
	Implants	.050	1	.050	.471	.493	.000	.471	.105	
	Loop	.106	1	.106	1.723	.190	.002	1.723	.259	
	Natural	.021	1	.021	1.807	.179	.002	1.807	.269	
	STI	.011	1	.011	.064	.800	.000	.064	.057	
	Error	Cytology	1486.626	1000	1.487					
		M. genitalium	20.551	1000	.021					
Ureaplasma spp.		246.031	1000	.246						
M. hominis		220.350	1000	.220						
HPV		243.949	1000	.244						
HSV		145.665	1000	.146						
Age		91100.458	1000	91.100						
Last Sex		350.182	1000	.350						
Sex Partners		17897.151	1000	17.897						
Pregnancies		5585.305	1000	5.585						
BiHC		219.937	1000	.220						
Pills		229.804	1000	.230						
Inject		239.939	1000	.240						
Condom		36.385	1000	.036						
Implants		105.079	1000	.106						
Loop		61.547	1000	.062						
Natural		11.835	1000	.012						
STI		171.123	1000	.171						
Total		Cytology	4240.000	1002						
		M. genitalium	21.000	1002						
	Ureaplasma spp.	516.000	1002							
	M. hominis	341.000	1002							
	HPV	484.000	1002							
	HSV	178.000	1002							
	Age	1564112.000	1002							
	Last Sex	414.000	1002							
	Sex Partners	29263.000	1002							
	Pregnancies	16187.000	1002							
	BiHC	675.000	1002							
	Pills	357.000	1002							
	Inject	481.000	1002							
	Condom	41.000	1002							
	Implants	120.000	1002							
	Loop	66.000	1002							
	Natural	12.000	1002							
	STI	188.000	1002							
	Corrected Total	Cytology	1489.601	1001						
		M. genitalium	20.560	1001						
Ureaplasma spp.		250.275	1001							
M. hominis		224.951	1001							
HPV		249.134	1001							
HSV		146.279	1001							
Age		93414.850	1001							
Last Sex		353.605	1001							
Sex Partners		17935.484	1001							
Pregnancies		5146.165	1001							
BiHC		220.284	1001							
Pills		229.805	1001							
Inject		240.520	1001							
Condom		36.322	1001							
Implants		105.029	1001							
Loop		61.653	1001							
Natural		11.856	1001							
STI		171.134	1001							

a. R Squared = .002 (Adjusted R Squared = .001)
 b. R Squared = .000 (Adjusted R Squared = -.001)
 c. R Squared = .017 (Adjusted R Squared = .016)
 d. R Squared = .020 (Adjusted R Squared = .019)
 e. R Squared = .021 (Adjusted R Squared = .020)
 f. R Squared = .015 (Adjusted R Squared = .014)
 g. R Squared = .025 (Adjusted R Squared = .024)
 h. R Squared = .010 (Adjusted R Squared = .009)
 i. R Squared = .002 (Adjusted R Squared = .001)
 j. R Squared = .011 (Adjusted R Squared = .010)
 k. R Squared = .002 (Adjusted R Squared = .001)
 l. R Squared = .000 (Adjusted R Squared = -.001)
 m. R Squared = .002 (Adjusted R Squared = .001)
 n. R Squared = .001 (Adjusted R Squared = .000)
 o. R Squared = .000 (Adjusted R Squared = -.001)
 p. R Squared = .002 (Adjusted R Squared = .001)
 q. R Squared = .002 (Adjusted R Squared = .001)
 r. R Squared = .000 (Adjusted R Squared = -.001)
 s. Computed using alpha = .05

5

6 **Figure S1.** MANOVA Results. (A). MANOVA analysis of factors in relationship cervical cytology; (B).
 7 MANOVA analysis of factors in relationship to *Ureaplasma spp.* detection; (C). MANOVA analysis of factors in
 8 relationship to *M. hominis* detection; (D). MANOVA analysis of factors in relationship to *M. genitalium* detection;
 9 (E). MANOVA analysis of factors in relationship to *L. iners* detection.



© 2020 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (<http://creativecommons.org/licenses/by/4.0/>).