

Supplementary Table 3. Associations between individual candidate gene variants and treatment discontinuation because of side effects, analyzed using additive, dominant, and recessive statistical models. AIMSS: Aromatase inhibitor associated musculoskeletal syndrome; CI: confidence interval; SNPSFX: single nucleotide polymorphism.

Additive Model (Gene Dose)

		Both Drugs Combined: Side Effects				Both Drugs Combined: Side Effects Due to AIMSS				Letrozole Only Side Effects				Letrozole Only Side Effects Due to AIMSS				Exemestane Only Side Effects				Exemestane Only Side Effects Due to AIMSS			
GENE	SNPSFX	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI
ARVCF	rs165815	0.1576	0.80	0.59	1.09	0.1853	0.79	0.56	1.12	0.2838	0.77	0.47	1.25	0.3964	0.79	0.46	1.36	0.2912	0.81	0.55	1.20	0.2676	0.77	0.49	1.22
COMT	rs165599	0.0612	0.79	0.62	1.01	0.0920	0.79	0.60	1.04	0.3010	0.82	0.56	1.19	0.3592	0.82	0.53	1.25	0.0935	0.76	0.55	1.05	0.1281	0.75	0.52	1.09
COMT	rs165774	0.0463	1.26	1.00	1.59	0.1328	1.22	0.94	1.59	0.2289	1.24	0.87	1.76	0.2412	1.27	0.85	1.89	0.1469	1.25	0.92	1.70	0.3917	1.17	0.82	1.66
COMT	rs2097903	0.2778	0.88	0.70	1.11	0.2604	0.86	0.66	1.12	0.0812	0.74	0.53	1.04	0.0282	0.65	0.44	0.95	0.8489	1.03	0.75	1.41	0.5658	1.11	0.78	1.59
COMT	rs4633	0.0700	1.23	0.98	1.54	0.1685	1.20	0.93	1.55	0.3911	1.15	0.83	1.60	0.5087	1.13	0.78	1.64	0.1224	1.28	0.94	1.75	0.2466	1.24	0.86	1.77
COMT	rs4646310	0.2730	0.84	0.62	1.15	0.1023	0.73	0.50	1.06	0.9015	1.03	0.67	1.58	0.8686	0.96	0.58	1.57	0.1079	0.69	0.44	1.08	0.0398	0.55	0.31	0.97
COMT	rs4680	0.3042	1.13	0.90	1.42	0.4558	1.10	0.85	1.44	0.7368	1.06	0.76	1.48	0.8135	1.05	0.71	1.53	0.3609	1.16	0.84	1.60	0.5222	1.13	0.78	1.63
COMT	rs4818	0.7436	0.96	0.75	1.23	0.5898	0.92	0.69	1.23	0.7475	1.06	0.75	1.49	0.8350	0.96	0.65	1.42	0.4392	0.87	0.60	1.25	0.5823	0.89	0.58	1.36
COMT	rs6269	0.4669	0.92	0.73	1.15	0.3490	0.88	0.68	1.14	0.9692	1.01	0.73	1.39	0.6770	0.92	0.64	1.34	0.3324	0.85	0.62	1.18	0.4005	0.85	0.59	1.23
COMT	rs933271	0.0204	0.74	0.57	0.95	0.0599	0.76	0.57	1.01	0.2517	0.80	0.55	1.17	0.5831	0.89	0.59	1.35	0.0379	0.69	0.49	0.98	0.0432	0.66	0.44	0.99
CYP19A1	rs10046	0.6682	1.05	0.83	1.33	0.7291	1.05	0.80	1.37	0.8851	0.97	0.69	1.38	0.9509	1.01	0.68	1.51	0.5011	1.11	0.81	1.53	0.7023	1.07	0.75	1.54
CYP19A1	rs1008805	0.1835	0.84	0.66	1.08	0.0927	0.78	0.59	1.04	0.2713	0.81	0.55	1.18	0.0726	0.66	0.43	1.04	0.4951	0.89	0.65	1.24	0.5701	0.90	0.62	1.30
CYP19A1	rs10459592	0.5170	0.93	0.75	1.16	0.9656	0.99	0.77	1.28	0.7934	0.96	0.69	1.32	0.8511	1.04	0.72	1.49	0.6654	0.93	0.69	1.27	0.9570	0.99	0.70	1.40
CYP19A1	rs1062033	0.3035	1.13	0.89	1.43	0.5497	1.09	0.83	1.42	0.6214	1.10	0.76	1.57	0.6965	1.09	0.72	1.64	0.4872	1.12	0.82	1.52	0.8065	1.05	0.73	1.49
CYP19A1	rs2008691	0.8337	0.97	0.72	1.30	0.6045	1.09	0.79	1.50	0.5555	0.88	0.56	1.36	0.8757	1.04	0.64	1.68	0.6364	1.10	0.75	1.61	0.4491	1.18	0.77	1.82
CYP19A1	rs2289105	0.8512	1.02	0.81	1.29	0.9209	1.01	0.78	1.32	0.8973	0.98	0.69	1.39	0.9409	1.02	0.68	1.52	0.7627	1.05	0.77	1.43	0.9930	1.00	0.70	1.43
CYP19A1	rs2414096	0.6370	1.06	0.82	1.37	0.8094	1.04	0.77	1.40	0.9533	0.99	0.68	1.44	0.9628	0.99	0.64	1.53	0.5197	1.12	0.79	1.60	0.7377	1.07	0.71	1.63
CYP19A1	rs28566535	0.4700	1.13	0.81	1.60	0.0604	1.41	0.99	2.00	0.6767	1.11	0.67	1.85	0.1432	1.47	0.88	2.45	0.4133	1.21	0.76	1.92	0.1594	1.42	0.87	2.33
CYP19A1	rs28757184	0.2358	0.58	0.24	1.42	0.5688	0.77	0.31	1.89	0.2319	0.42	0.10	1.73	0.4084	0.55	0.13	2.27	0.7281	0.82	0.26	2.58	0.8755	1.10	0.34	3.50
CYP19A1	rs3759811	0.5696	1.08	0.84	1.39	0.8241	1.03	0.77	1.38	0.7730	1.06	0.73	1.53	0.7752	1.06	0.70	1.61	0.6878	1.07	0.76	1.53	0.9729	0.99	0.66	1.50
CYP19A1	rs4646	0.0568	0.77	0.59	1.01	0.0262	0.70	0.51	0.96	0.0264	0.62	0.41	0.95	0.0195	0.55	0.34	0.91	0.5461	0.90	0.63	1.28	0.3703	0.83	0.54	1.25
CYP19A1	rs4774585	0.1040	1.25	0.95	1.65	0.3414	1.17	0.85	1.61	0.5150	1.14	0.76	1.71	0.4763	1.18	0.75	1.86	0.0790	1.40	0.96	2.04	0.4682	1.18	0.75	1.87
CYP19A1	rs4775936	0.3142	1.13	0.89	1.42	0.6265	1.07	0.82	1.40	0.3695	1.18	0.82	1.68	0.4453	1.17	0.78	1.75	0.7256	1.06	0.77	1.44	0.8429	0.96	0.67	1.38
CYP19A1	rs6493497	0.1983	0.77	0.52	1.14	0.5463	0.87	0.56	1.35	0.1089	0.60	0.32	1.12	0.2622	0.67	0.34	1.34	0.8749	0.96	0.58	1.59	0.7511	1.09	0.63	1.92
CYP19A1	rs700518	0.6082	1.06	0.84	1.35	0.8385	1.03	0.78	1.35	0.7090	1.07	0.75	1.53	0.6938	1.08	0.72	1.63	0.8532	1.03	0.75	1.42	0.8203	0.96	0.66	1.39
CYP19A1	rs7181886	0.6318	1.10	0.75	1.60	0.2235	1.28	0.86	1.92	0.9122	1.03	0.59	1.81	0.2824	1.36	0.77	2.40	0.3958	1.25	0.75	2.07	0.3634	1.30	0.74	2.31
CYP19A1	rs727479	0.6221	0.94	0.75	1.19	0.5697	0.93	0.71	1.21	0.8512	0.97	0.70	1.35	0.7607	0.94	0.65	1.38	0.6519	0.93	0.67	1.29	0.6496	0.92	0.63	1.34
CYP19A1	rs730154	0.7233	0.95	0.70	1.29	0.4747	1.13	0.81	1.57	0.6254	0.89	0.57	1.40	0.8386	1.05	0.64	1.72	0.9049	1.03	0.68	1.56	0.3496	1.24	0.79	1.92
CYP19A1	rs749292	0.3419	1.12	0.88	1.42	0.3573	1.14	0.87	1.49	0.2602	1.23	0.86	1.74	0.2892	1.24	0.83	1.85	0.9397	1.01	0.73	1.40	0.9051	1.02	0.71	1.48
CYP19A1	rs752760	0.4788	1.09	0.86	1.37	0.4713	1.10	0.84	1.44	0.8079	1.05	0.73	1.49	0.3866	1.20	0.80	1.80	0.3676	1.15	0.85	1.56	0.7245	1.07	0.75	1.52
CYP19A1	rs936308	0.7443	0.95	0.72	1.27	0.6424	1.08	0.79	1.47	0.5214	0.87	0.57	1.33	0.8645	1.04	0.65	1.66	0.6833	1.08	0.74	1.57	0.4774	1.16	0.77	1.77
CYP19A1	rs1157589#	0.9946	1.00	0.80	1.26	0.8684	0.98	0.75	1.27	0.5712	1.10	0.79	1.52	0.7508	1.06	0.73	1.54	0.6199	0.92	0.66	1.28	0.6089	0.91	0.62	1.32
EP300	rs20551	0.4773	0.91	0.70	1.18	0.8049	0.96	0.72	1.29	0.1746	0.75	0.49	1.14	0.3633	0.80	0.50	1.29	0.8750	1.03	0.74	1.43	0.7075	1.07	0.74	1.56
ESR1	rs1062577	0.1557	0.70	0.43	1.14	0.1959	0.69	0.40	1.21	0.4026	0.74	0.36	1.51	0.4127	0.71	0.31	1.62	0.2528	0.68	0.35	1.32	0.3201	0.68	0.32	1.44
ESR1	rs11963577	0.3647	2.48	0.35	17.76	0.2568	3.12	0.44	22.39	0.2947	2.88	0.40	20.76	0.2037	3.61	0.50	26.19	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs1709181	0.1068	0.81	0.63	1.05	0.2361	0.84	0.62	1.12	0.2217	0.79	0.54	1.15	0.1448	0.72	0.47	1.12	0.3077	0.84	0.59	1.18	0.8145	0.95	0.64	1.42
ESR1	rs1709182	0.0961	0.81	0.63	1.04	0.1456	0.81	0.60	1.08	0.0404	0.67	0.45	0.98	0.0133	0.56	0.36	0.89	0.7292	0.94	0.68	1.31	0.7348	1.07	0.73	1.55
ESR1	rs1884049	0.5215	1.09	0.83	1.43	0.2658	1.19	0.88	1.61	0.1253	1.38	0.91	2.09	0.0766	1.52	0.96	2.41	0.8036	0.96	0.67	1.37	0.9083	1.02	0.68	1.54
ESR1	rs2077647	0.8788	1.02	0.81	1.27	0.7163	1.05	0.81	1.35	0.8968	1.02	0.73	1.44	0.6132	1.11	0.75	1.63	0.9399	1.01	0.75	1.36	0.9735	1.01	0.72	1.41
ESR1	rs2228480	0.0369	0.72	0.53	0.98	0.0645	0.72	0.50	1.02	0.0239	0.58	0.36	0.93	0.0177	0.50	0.29	0.89	0.5759	0.89	0.58	1.35	0.9522	0.99	0.62	1.58
ESR1	rs2234693	0.7352	0.96	0.76	1.22	0.8987	0.98	0.75	1.29	0.9075	0.98	0.68	1.40	0.7230	0.93	0.62	1.40	0.7420	0.95	0.70	1.29	0.8925	1.02	0.72	1.46
ESR1	rs2347868	0.0452	1.32	1.01	1.73	0.0127	1.47	1.09	1.99	0.2872	1.25	0.83	1.90	0.1533	1.41	0.88	2.24	0.0543	1.41	0.99	2.01	0.0257	1.57	1.06	2.32
ESR1	rs2347869	0.2998	1.13	0.90	1.42	0.1838	1.20	0.92	1.56	0.0999	1.34	0.95	1.91	0.0480	1.50	1.00	2.24	0.9956	1.00	0.74	1.36	0.9340	1.01	0.71	1.44
ESR1	rs2747648	0.3102	0.69	0.33	1.42	0.0978	0.39	0.13	1.19	0.7564	0.83	0.26	2.65	0.6344	0.71	0.17	2.92	0.2671	0.58	0.23	1.51	0.1044	0.20	0.03	1.39
ESR1	rs2813543	0.7199	0.95	0.74	1.23	0.2607	0.84	0.62	1.14	0.7368	0.94	0.65	1.36	0.6162	0.90	0.58	1.38	0.8718	0.97	0.68	1.39	0.2816	0.79	0.51	1.21
ESR1	rs2982734	0.5541	0.93	0.73	1.18	0.6025	1.07	0.82	1.41	0.7052	1.07	0.76	1.51	0.8249	1.05	0.71	1.55	0.2402	0.82	0.58	1.15	0.6052	1.10	0.76	1.61
ESR1	rs3003917	0.6498	1.07	0.80	1.43	0.4851	1.12	0.81	1.56	0.5367	1.15	0.74	1.79	0.5304	1.17	0.71	1.94	0.9181	1.02	0.70	1.49	0.6797	1.09	0.71	1.68
ESR1	rs3020368																								

ESR1	rs3798565	0.0872	0.55	0.28	1.09	0.2323	0.64	0.31	1.32	0.0730	0.40	0.14	1.09	0.2077	0.52	0.19	1.44	0.8656	0.92	0.37	2.29	0.9589	0.97	0.35	2.69
ESR1	rs3798577	0.4011	1.10	0.88	1.37	0.1497	1.20	0.94	1.55	0.8649	0.97	0.69	1.37	0.8217	1.05	0.71	1.54	0.1895	1.21	0.91	1.61	0.0778	1.34	0.97	1.86
ESR1	rs3798758	0.5849	1.18	0.66	2.11	0.5040	1.25	0.65	2.37	0.5044	1.28	0.62	2.63	0.4043	1.39	0.64	3.03	0.7620	1.17	0.43	3.19	0.8119	1.15	0.36	3.67
ESR1	rs3853250	0.3634	0.90	0.72	1.13	0.4661	0.91	0.70	1.18	0.7168	0.93	0.65	1.35	0.5626	0.88	0.58	1.34	0.4082	0.89	0.67	1.18	0.6553	0.93	0.67	1.29
ESR1	rs4870056	0.4306	0.91	0.72	1.15	0.5342	0.92	0.70	1.20	0.8630	0.97	0.67	1.41	0.7189	0.92	0.60	1.42	0.4087	0.88	0.65	1.19	0.6306	0.92	0.65	1.30
ESR1	rs4870061	0.1358	1.22	0.94	1.59	0.0588	1.33	0.99	1.78	0.2854	1.25	0.83	1.87	0.1710	1.37	0.87	2.16	0.2384	1.23	0.87	1.73	0.1516	1.32	0.90	1.93
ESR1	rs4986934	0.3796	1.29	0.73	2.28	0.4374	1.29	0.68	2.47	0.7954	0.89	0.36	2.21	0.7426	1.17	0.46	2.93	0.0860	1.90	0.91	3.94	0.3544	1.54	0.62	3.85
ESR1	rs6909026	0.2665	1.40	0.77	2.55	0.1252	1.63	0.87	3.05	0.1012	1.77	0.89	3.49	0.0240	2.18	1.11	4.27	0.9178	0.94	0.30	2.99	0.7974	0.83	0.20	3.41
ESR1	rs6920483	0.6703	1.18	0.55	2.52	0.8201	1.11	0.45	2.72	0.3098	1.69	0.61	4.65	0.3963	1.66	0.52	5.33	0.7529	0.83	0.26	2.64	0.6666	0.73	0.18	3.01
ESR1	rs6930355	0.4580	0.89	0.64	1.22	0.7373	1.06	0.75	1.49	0.8398	0.95	0.59	1.53	0.8533	0.95	0.55	1.63	0.4077	0.83	0.54	1.29	0.5551	1.14	0.73	1.79
ESR1	rs750686	0.5604	0.93	0.73	1.19	0.7133	1.05	0.80	1.38	0.9229	1.02	0.71	1.45	0.9212	0.98	0.65	1.47	0.3811	0.86	0.62	1.20	0.5528	1.12	0.77	1.62
ESR1	rs867239	0.8169	1.08	0.55	2.12	0.8104	1.10	0.51	2.36	0.4059	1.43	0.62	3.30	0.3554	1.54	0.61	3.88	0.6996	0.80	0.25	2.52	0.6137	0.70	0.17	2.85
ESR1	rs926848	0.8369	0.94	0.52	1.70	0.9895	1.00	0.52	1.92	0.4885	0.73	0.31	1.76	0.5829	0.76	0.29	2.02	0.4277	1.40	0.61	3.22	0.3659	1.53	0.61	3.81
ESR1	rs9322331	0.6887	1.05	0.83	1.33	0.7646	1.04	0.80	1.36	0.9876	1.00	0.69	1.46	0.5338	0.87	0.57	1.34	0.6201	1.08	0.80	1.45	0.3815	1.16	0.83	1.62
ESR1	rs9322335	0.0901	1.26	0.96	1.64	0.0359	1.38	1.02	1.86	0.6457	1.10	0.73	1.65	0.4750	1.18	0.75	1.86	0.0556	1.41	0.99	2.00	0.0258	1.57	1.06	2.35
ESR1	rs9322336	0.0777	1.29	0.97	1.70	0.0869	1.32	0.96	1.82	0.8951	1.03	0.67	1.57	0.7880	1.07	0.66	1.73	0.0146	1.60	1.10	2.34	0.0255	1.64	1.06	2.54
ESR1	rs9322338	0.4823	1.38	0.56	3.36	0.1853	1.83	0.75	4.50	0.5816	1.39	0.43	4.42	0.3088	1.83	0.57	5.90	0.5346	1.56	0.38	6.36	0.3011	2.11	0.51	8.64
ESR1	rs9322348	0.0581	1.62	0.98	2.66	0.0933	1.63	0.92	2.90	0.9539	1.03	0.38	2.76	0.7481	1.18	0.44	3.16	0.0032	2.42	1.34	4.35	0.0156	2.42	1.18	4.97
ESR1	rs9340799	0.3470	1.12	0.88	1.44	0.3232	1.15	0.87	1.53	0.3301	1.21	0.82	1.77	0.5865	1.13	0.73	1.76	0.6346	1.08	0.79	1.48	0.3841	1.17	0.82	1.68
ESR1	rs9340817	0.3890	0.74	0.38	1.46	0.3805	0.70	0.31	1.56	0.6241	0.79	0.31	2.04	0.9867	0.99	0.39	2.55	0.5266	0.73	0.28	1.92	0.2936	0.39	0.07	2.26
ESR1	rs9340835	0.0127	0.71	0.54	0.93	0.0138	0.68	0.50	0.92	0.1033	0.73	0.49	1.07	0.0582	0.65	0.42	1.02	0.0677	0.70	0.48	1.03	0.1252	0.71	0.46	1.10
ESR1	rs9340941	0.7927	0.93	0.52	1.64	0.5590	0.82	0.41	1.61	0.9875	0.99	0.43	2.31	0.7225	0.83	0.30	2.31	0.7241	0.87	0.40	1.89	0.6424	0.80	0.32	2.01
ESR1	rs9340958	0.6714	0.90	0.57	1.44	0.9735	0.99	0.60	1.65	0.5350	1.21	0.67	2.19	0.4921	1.26	0.65	2.44	0.2430	0.65	0.31	1.34	0.4765	0.75	0.34	1.65
ESR1	rs9341004	0.2449	1.23	0.87	1.74	0.0450	1.46	1.01	2.12	0.2090	1.38	0.83	2.29	0.2774	1.38	0.77	2.45	0.6567	1.11	0.69	1.79	0.0894	1.52	0.94	2.47
ESR1	rs9341066	0.5984	1.13	0.72	1.79	0.4191	1.23	0.74	2.06	0.8659	0.94	0.47	1.89	0.9337	0.97	0.44	2.14	0.2403	1.45	0.78	2.67	0.1438	1.66	0.84	3.28
ESR1	rs9341070	0.5026	1.44	0.49	4.21	0.6847	0.67	0.10	4.59	0.8643	0.84	0.12	6.07	0.9416	1.08	0.15	7.79	0.2256	2.04	0.64	6.49	0.9968	0.00	0.00	Inf
ESR1	rs9341072	0.0208	3.23	1.20	8.71	0.9944	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.0304	3.03	1.11	8.28	0.9960	0.00	0.00	Inf
ESR1	rs9341077	0.0287	0.41	0.18	0.91	0.0351	0.34	0.13	0.93	0.1357	0.34	0.08	1.40	0.1294	0.22	0.03	1.56	0.0932	0.43	0.16	1.15	0.1297	0.41	0.13	1.30
ESR1	rs9479188	0.9877	1.00	0.75	1.33	0.3993	-0.87	0.83	1.57	0.7587	1.07	0.71	1.61	0.7046	1.09	0.69	1.74	0.7752	0.94	0.62	1.42	0.4069	1.20	0.78	1.87
ESR2	IU08-E2-01	0.8341	0.81	0.11	5.79	0.9560	1.06	0.15	7.57	0.6753	1.53	0.21	11.00	0.4964	1.99	0.27	14.41	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
ESR2	IU08-E2-02	0.9829	1.01	0.63	1.59	0.9884	1.00	0.59	1.69	0.9843	1.01	0.51	1.97	0.6253	1.20	0.58	2.46	0.9120	1.04	0.55	1.94	0.6852	0.85	0.39	1.86
ESR2	rs10140457	0.4148	0.74	0.35	1.54	0.6132	0.82	0.37	1.80	0.8024	1.12	0.45	2.79	0.8710	1.09	0.38	3.12	0.1752	0.45	0.14	1.43	0.3734	0.59	0.19	1.88
ESR2	rs1256031	0.9585	0.99	0.79	1.25	0.6649	1.06	0.81	1.38	0.8690	1.03	0.73	1.45	0.6703	1.09	0.73	1.62	0.6918	0.94	0.69	1.28	0.9736	1.01	0.70	1.44
ESR2	rs1256049	0.5191	0.81	0.43	1.54	0.9076	0.96	0.49	1.90	0.4095	0.65	0.24	1.80	0.7681	0.86	0.31	2.38	0.9935	1.00	0.43	2.29	0.8454	1.10	0.44	2.73
ESR2	rs1256059	0.6177	1.06	0.84	1.33	0.4570	1.10	0.85	1.43	0.9033	0.98	0.70	1.37	0.9120	1.02	0.70	1.50	0.5127	1.11	0.82	1.51	0.4324	1.15	0.81	1.64
ESR2	rs1256062	0.3443	0.85	0.61	1.19	0.3341	0.83	0.57	1.21	0.7431	1.09	0.66	1.78	0.9378	1.02	0.58	1.81	0.1142	0.70	0.45	1.09	0.1621	0.70	0.42	1.16
ESR2	rs1256064	0.8990	1.05	0.51	2.14	0.6301	1.21	0.56	2.59	0.0806	2.46	0.90	6.77	0.1368	2.42	0.76	7.78	0.3119	0.60	0.22	1.63	0.6505	0.79	0.29	2.18
ESR2	rs17766755	0.8068	1.03	0.81	1.32	0.6972	0.95	0.71	1.26	0.7153	0.94	0.65	1.34	0.3744	0.83	0.54	1.26	0.3566	1.17	0.84	1.64	0.5973	1.11	0.75	1.64
ESR2	rs1952585	0.5702	1.27	0.56	2.87	0.4724	1.39	0.57	3.41	0.0182	3.39	1.23	9.35	0.0394	3.42	1.06	11.00	0.3365	0.50	0.12	2.05	0.5580	0.66	0.16	2.69
ESR2	rs2274705	0.3854	1.16	0.83	1.63	0.5313	1.13	0.77	1.68	0.0480	1.65	1.00	2.72	0.1450	1.54	0.86	2.74	0.5138	0.85	0.53	1.38	0.6051	0.86	0.50	1.50
ESR2	rs3020450	0.7912	1.03	0.81	1.33	0.6219	0.93	0.70	1.24	0.4168	1.16	0.81	1.66	0.6874	1.09	0.72	1.64	0.7580	0.95	0.67	1.34	0.3310	0.82	0.54	1.23
ESR2	rs4986938	0.9140	1.01	0.81	1.27	0.6871	0.95	0.73	1.23	0.3751	0.86	0.61	1.21	0.1860	0.76	0.51	1.14	0.2304	1.21	0.89	1.64	0.3689	1.18	0.83	1.67
ESR2	rs8003490	0.8537	1.04	0.67	1.61	0.6316	0.88	0.51	1.50	0.2533	1.44	0.77	2.70	0.6091	1.22	0.57	2.60	0.4407	0.78	0.42	1.45	0.2745	0.65	0.30	1.40
ESR2	rs8006145	0.8255	1.03	0.80	1.32	0.9560	0.99	0.74	1.32	0.6278	0.91	0.63	1.33	0.6662	0.91	0.60	1.39	0.3096	1.19	0.85	1.68	0.5756	1.12	0.75	1.66
ESR2	rs867443	0.7085	1.05	0.81	1.35	0.9684	1.01	0.75	1.35	0.3930	0.85	0.58	1.24	0.3461	0.81	0.52	1.26	0.1007	1.34	0.95	1.89	0.2163	1.28	0.86	1.91
ESR2	rs944045	0.6104	1.09	0.77	1.55	0.8318	1.05	0.70	1.57	0.0706	1.62	0.96	2.74	0.2682	1.42	0.76	2.67	0.4243	0.82	0.50	1.34	0.5195	0.83	0.48	1.45
ESR2	rs944460	0.0630	0.50	0.24	1.04	0.1470	0.56	0.26	1.23	0.1498	0.44	0.14	1.35	0.3207	0.57	0.18	1.74	0.2384	0.57	0.22	1.45	0.2978	0.56	0.19	1.66
EZH2	rs2302427	0.8529	1.04	0.67	1.64	0.8917	1.04	0.62	1.73	0.5252	0.79	0.37	1.65	0.3160	0.62	0.25	1.57	0.3822	1.28	0.74	2.22	0.2536	1.42	0.78	2.58
HCRT	rs41513044	0.7503	0.83	0.26	2.61	0.8920	1.08	0.34	3.41	0.6623	0.64	0.09	4.64	0.8551	0.83	0.11	6.02	0.95							

HTR2A	rs2274639	0.7896	0.96	0.69	1.33	0.7194	1.07	0.75	1.53	0.9740	1.01	0.63	1.62	0.5275	1.18	0.71	1.95	0.7111	0.92	0.58	1.45	0.9336	0.98	0.59	1.64
HTR2A	rs2296972	0.0014	0.68	0.53	0.86	0.0101	0.70	0.53	0.92	0.1375	0.78	0.56	1.08	0.2243	0.79	0.55	1.15	0.0047	0.60	0.42	0.86	0.0243	0.63	0.42	0.94
HTR2A	rs3742278	0.9821	1.00	0.74	1.37	0.7920	0.95	0.66	1.37	0.6211	0.88	0.54	1.44	0.4366	0.79	0.44	1.42	0.5666	1.12	0.75	1.68	0.6624	1.11	0.70	1.76
HTR2A	rs594242	0.3379	0.86	0.64	1.17	0.2682	0.82	0.58	1.16	0.2778	1.28	0.82	1.98	0.4690	1.21	0.73	2.01	0.0304	0.62	0.41	0.96	0.0394	0.59	0.36	0.97
HTR2A	rs6306	0.8264	1.05	0.67	1.65	0.6641	1.12	0.68	1.85	0.9549	1.02	0.50	2.07	0.4354	1.33	0.65	2.69	0.9265	1.03	0.57	1.86	0.8207	0.92	0.45	1.87
HTR2A	rs6308	0.8729	0.85	0.12	6.09	0.9284	1.09	0.15	7.84	0.9966	0.00	0.00	Inf	0.9970	0.00	0.00	Inf	0.9748	1.03	0.14	7.42	0.7761	1.33	0.18	9.62
HTR2A	rs6311	0.7038	0.96	0.76	1.21	0.9725	1.00	0.77	1.31	0.3610	0.85	0.60	1.20	0.2112	0.78	0.52	1.15	0.6130	1.09	0.79	1.49	0.1670	1.29	0.90	1.85
HTR2A	rs6313	0.9767	1.00	0.79	1.26	0.7564	1.04	0.80	1.37	0.3398	0.84	0.59	1.20	0.1822	0.76	0.51	1.14	0.3139	1.18	0.85	1.63	0.0685	1.41	0.97	2.03
HTR2A	rs731779	0.2169	1.22	0.89	1.66	0.0505	1.41	1.00	2.00	0.2229	1.33	0.84	2.12	0.0190	1.81	1.10	2.96	0.7161	1.08	0.71	1.64	0.7126	1.10	0.67	1.78
HTR2A	rs7997012	0.0481	0.79	0.62	1.00	0.0340	0.74	0.56	0.98	0.5608	0.90	0.64	1.28	0.7124	0.93	0.62	1.38	0.0322	0.70	0.50	0.97	0.0115	0.61	0.41	0.89
HTR2A	rs9567746	0.1676	1.24	0.91	1.69	0.0457	1.42	1.01	2.00	0.2917	1.28	0.81	2.05	0.0284	1.74	1.06	2.86	0.4516	1.17	0.77	1.78	0.5528	1.16	0.72	1.86
NCOA1	rs11125744	0.0857	0.73	0.51	1.04	0.5451	0.89	0.62	1.29	0.4515	0.81	0.47	1.40	0.8377	1.06	0.61	1.83	0.0782	0.65	0.41	1.05	0.2715	0.75	0.45	1.25
NCOA1	rs17737058	0.2014	1.20	0.91	1.57	0.8441	1.03	0.75	1.43	0.3160	1.24	0.81	1.90	0.4906	-1.20	0.49	1.41	0.4703	1.14	0.80	1.64	0.4620	1.17	0.78	1.75
NCOA1	rs1804645	0.9019	0.96	0.53	1.74	0.8647	1.06	0.55	2.02	0.3162	0.55	0.17	1.76	0.5932	0.73	0.23	2.34	0.4912	1.27	0.64	2.55	0.5092	1.30	0.59	2.86
NCOA1	rs2033861	0.8192	0.97	0.77	1.24	0.3589	0.88	0.66	1.16	0.7685	1.05	0.74	1.50	0.9553	1.01	0.68	1.52	0.6047	0.92	0.66	1.27	0.2121	0.78	0.53	1.15
NCOA1	rs2083389	0.1191	1.25	0.94	1.64	0.6462	1.08	0.78	1.50	0.2888	1.26	0.82	1.93	0.3761	0.79	0.46	1.34	0.3054	1.21	0.84	1.73	0.2135	1.30	0.86	1.95
NCOA1	rs3731628	0.5997	1.13	0.71	1.79	0.4682	1.21	0.72	2.03	0.9548	0.98	0.49	1.98	0.9665	0.98	0.44	2.18	0.3492	1.34	0.73	2.47	0.2308	1.51	0.77	2.97
NCOA1	rs920418	0.2237	0.87	0.70	1.09	0.4878	0.91	0.71	1.18	0.7033	0.94	0.66	1.32	0.7214	0.93	0.63	1.38	0.1721	0.81	0.61	1.09	0.4813	0.89	0.64	1.24
NCOA2	rs1380896	0.9819	1.00	0.75	1.34	0.4627	1.13	0.82	1.56	0.0895	1.38	0.95	2.01	0.1189	1.41	0.92	2.16	0.1079	0.69	0.44	1.09	0.6099	0.88	0.54	1.43
NCOA2	rs2228591	0.9888	1.00	0.59	1.68	0.3180	1.31	0.77	2.21	0.4480	0.69	0.27	1.79	0.7805	0.87	0.34	2.24	0.4934	1.26	0.65	2.44	0.1033	1.75	0.89	3.45
NCOA2	rs2272670	0.6752	1.06	0.81	1.37	0.3322	1.16	0.86	1.55	0.1802	1.28	0.89	1.85	0.2021	1.31	0.87	1.98	0.5227	0.88	0.61	1.29	0.8657	1.04	0.68	1.57
NCOA2	rs3088092	0.9610	1.01	0.61	1.68	0.8184	1.07	0.61	1.88	0.7684	0.89	0.40	1.95	0.9894	1.01	0.43	2.37	0.6208	1.18	0.62	2.25	0.6586	1.18	0.57	2.46
NCOA2	rs4738079	0.4674	0.84	0.53	1.33	0.4188	0.80	0.47	1.37	0.4692	1.25	0.69	2.27	0.8075	1.09	0.53	2.26	0.1064	0.56	0.28	1.13	0.1906	0.59	0.27	1.30
NCOA3	rs2076546	0.2267	0.78	0.51	1.17	0.3862	0.82	0.51	1.29	0.1451	0.57	0.26	1.22	0.0832	0.41	0.15	1.12	0.5947	0.87	0.53	1.43	0.8661	1.05	0.62	1.77
NCOA3	rs2230782	0.8052	1.06	0.68	1.66	0.4941	1.19	0.73	1.93	0.5656	1.23	0.61	2.49	0.3815	1.40	0.66	2.97	0.7190	0.90	0.50	1.61	0.9780	0.99	0.52	1.87
NCOA3	rs365602	0.1761	0.75	0.50	1.14	0.1038	0.66	0.40	1.09	0.0379	0.45	0.21	0.96	0.0417	0.40	0.16	0.97	0.7451	1.09	0.66	1.79	0.9307	0.97	0.53	1.78
NCOA3	rs396221	0.8180	1.03	0.80	1.32	0.6331	1.07	0.81	1.42	0.5596	0.90	0.62	1.30	0.3213	0.80	0.52	1.24	0.5651	1.10	0.79	1.54	0.1849	1.30	0.88	1.91
NCOA3	rs6094752	0.5946	0.87	0.53	1.44	0.7800	0.92	0.53	1.61	0.9185	1.03	0.55	1.93	0.8372	1.08	0.53	2.17	0.4629	0.73	0.32	1.68	0.6268	0.80	0.32	1.99
NCOR1	rs1065822	0.2031	0.87	0.70	1.08	0.2084	0.85	0.66	1.09	0.0749	0.73	0.52	1.03	0.1746	0.77	0.52	1.12	0.9038	1.02	0.76	1.36	0.7904	0.96	0.69	1.33
NCOR1	rs1073093	0.4142	0.74	0.36	1.52	0.2492	0.59	0.24	1.45	0.4407	0.63	0.20	2.02	0.3976	0.54	0.13	2.23	0.6827	0.83	0.34	2.05	0.4281	0.63	0.20	1.99
NCOR1	rs61753150	0.1385	0.35	0.09	1.41	0.1395	0.23	0.03	1.62	0.4045	0.43	0.06	3.12	0.5829	0.57	0.08	4.17	0.2156	0.29	0.04	2.07	0.9956	0.00	0.00	Inf
NCOR2	rs1812730	0.4622	0.91	0.72	1.16	0.7815	0.96	0.74	1.26	0.3333	0.84	0.59	1.20	0.5546	0.88	0.59	1.33	0.7674	0.95	0.69	1.31	0.9914	1.00	0.69	1.44
NCOR2	rs2229840	0.6039	1.09	0.79	1.50	0.9796	1.00	0.68	1.45	0.7269	0.91	0.55	1.52	0.9365	0.98	0.55	1.73	0.2426	1.27	0.85	1.90	0.8394	1.05	0.64	1.72
NCOR2	rs7978237	0.3761	1.15	0.84	1.57	0.6729	1.08	0.75	1.56	0.1429	1.35	0.90	2.02	0.1762	1.38	0.87	2.18	0.9393	1.02	0.62	1.69	0.6072	0.85	0.46	1.58
NCOR2	rs837935	0.7761	1.04	0.81	1.32	0.8750	0.98	0.74	1.29	0.8811	0.97	0.69	1.38	0.6200	0.90	0.60	1.35	0.5735	1.10	0.79	1.54	0.7825	1.06	0.72	1.54
NRIP1	rs2229742	0.7766	0.95	0.65	1.38	0.9697	0.99	0.65	1.51	0.8409	1.06	0.60	1.88	0.5909	1.19	0.64	2.21	0.5567	0.86	0.53	1.41	0.5867	0.85	0.48	1.51
PELP1	rs9436	0.6302	0.94	0.72	1.22	0.5875	0.92	0.67	1.25	0.4927	0.86	0.56	1.32	0.8739	0.96	0.60	1.54	0.9526	0.99	0.70	1.39	0.5659	0.89	0.59	1.33
PGR	rs1042838	0.8241	1.04	0.76	1.42	0.7289	1.06	0.75	1.51	0.1011	1.40	0.94	2.08	0.1206	1.42	0.91	2.23	0.1809	0.72	0.44	1.17	0.2779	0.74	0.43	1.28
PGR	rs11571171	0.4162	1.11	0.86	1.43	0.5708	1.09	0.82	1.45	0.5454	1.12	0.77	1.64	0.3493	1.22	0.80	1.86	0.6354	1.09	0.77	1.53	0.8850	0.97	0.66	1.44
PGR	rs500760	0.6528	1.06	0.82	1.37	0.5823	1.08	0.81	1.45	0.0692	1.38	0.97	1.96	0.1559	1.34	0.89	2.01	0.2487	0.80	0.56	1.16	0.5134	0.87	0.57	1.32
PGR	rs506487	0.3679	0.89	0.70	1.14	0.1342	0.80	0.60	1.07	0.0696	0.70	0.48	1.03	0.0346	0.62	0.40	0.97	0.5800	1.09	0.80	1.50	0.9842	1.00	0.69	1.46
PGR	rs516693	0.6416	0.92	0.65	1.31	0.9941	1.00	0.68	1.48	0.7324	1.09	0.66	1.82	0.6560	1.14	0.64	2.02	0.3737	0.80	0.49	1.31	0.7020	0.90	0.53	1.54
PGR	rs518162	0.5157	1.13	0.78	1.62	0.1106	1.37	0.93	2.01	0.2923	1.31	0.79	2.15	0.2429	1.39	0.80	2.41	0.8755	0.96	0.56	1.63	0.3042	1.33	0.77	2.28
PGR	rs660149	0.0477	1.29	1.00	1.66	0.0812	1.29	0.97	1.72	0.0664	1.44	0.98	2.11	0.1115	1.43	0.92	2.21	0.3431	1.17	0.84	1.63	0.3958	1.18	0.81	1.72
PGR	rs7116336	0.2716	0.79	0.52	1.20	0.3488	0.79	0.49	1.29	0.0764	0.50	0.23	1.08	0.0838	0.43	0.17	1.12	0.7502	1.09	0.64	1.86	0.5758	1.19	0.65	2.16
SLC6A4	rs140700	0.8406	1.04	0.70	1.56	0.8617	1.04	0.66	1.65	0.5962	0.84	0.44	1.61	0.6927	0.86	0.42	1.79	0.3891	1.25	0.75	2.10	0.4894	1.23	0.68	2.23
SLC6A4	rs16965628	0.2269	0.76	0.49	1.18	0.2105	0.72	0.43	1.20	0.6107	0.86	0.49	1.53	0.4320	0.76	0.38	1.51	0.2932	0.69	0.34	1.38	0.3959	0.71	0.32	1.56
SLC6A4	rs25531	0.9834	1.01	0.47	2.16	0.4683	1.33	0.62	2.86	0.8781	1.07	0.46	2.48	0.4439	1.40	0.59	3.27	0.4554	2.12	0.29	15.33	0.2856	2.95	0.41	21.39
SLC6A4	rs25532	0.6448	0.92	0.63	1.33	0.9752	1.01	0.67	1.52	0.6798	1.12	0.66	1.87	0.3692	1.29	0.74	2.26	0.2904	0.75						

Dominant Model

GENE	SNPSFX	Both Drugs Combined: Side Effects				Both Drugs Combined: Side Effects Due to AIMSS				Letrozole Only Side Effects				Letrozole Only Side Effects Due to AIMSS				Exemestane Only Side Effects				Exemestane Only Side Effects Due to AIMSS			
		P-value	Hazard	Lower	Upper	P-value	Hazard	Lower	Upper	P-value	Hazard	Lower	Upper	P-value	Hazard	Lower	Upper	P-value	Hazard	Lower	Upper	P-value	Hazard	Lower	Upper
			Ratio	CI	CI		Ratio	CI	CI		Ratio	CI	CI		Ratio	CI	CI		Ratio	CI	CI		Ratio	CI	CI
ARVCF	rs165815	0.0704	0.72	0.50	1.03	0.1058	0.71	0.47	1.07	0.0898	0.61	0.34	1.08	0.1732	0.64	0.33	1.22	0.3032	0.79	0.50	1.24	0.2946	0.75	0.44	1.28
COMT	rs4646310	0.3419	0.84	0.58	1.21	0.1572	0.73	0.48	1.13	0.9144	1.03	0.61	1.74	0.9032	0.96	0.53	1.76	0.1667	0.70	0.42	1.16	0.0738	0.57	0.31	1.06
COMT	rs933271	0.0789	0.75	0.55	1.03	0.1953	0.79	0.55	1.13	0.3495	0.80	0.49	1.28	0.8183	0.94	0.54	1.62	0.1303	0.72	0.47	1.10	0.1295	0.68	0.42	1.12
COMT	rs6269	0.7722	0.95	0.69	1.32	0.7372	0.94	0.65	1.36	0.5741	1.16	0.70	1.91	0.8634	1.05	0.60	1.85	0.3586	0.82	0.53	1.26	0.5205	0.85	0.52	1.40
COMT	rs4633	0.0608	1.45	0.98	2.13	0.0576	1.55	0.99	2.42	0.2067	1.43	0.82	2.47	0.2442	1.45	0.77	2.72	0.2297	1.40	0.81	2.41	0.1737	1.57	0.82	3.01
COMT	rs4818	0.8803	0.97	0.68	1.39	0.7901	0.95	0.63	1.42	0.5068	1.20	0.71	2.03	0.8220	1.07	0.59	1.95	0.3751	0.81	0.50	1.30	0.5174	0.83	0.48	1.45
COMT	rs4680	0.4162	1.17	0.80	1.70	0.3595	1.23	0.79	1.90	0.7568	1.09	0.64	1.85	0.7607	1.10	0.60	2.03	0.5905	1.16	0.68	1.98	0.4739	1.26	0.67	2.37
COMT	rs165774	0.0725	1.34	0.97	1.86	0.0601	1.42	0.99	2.06	0.1933	1.38	0.85	2.24	0.0946	1.60	0.92	2.79	0.2605	1.28	0.83	1.98	0.3552	1.26	0.77	2.07
COMT	rs165599	0.0813	0.75	0.55	1.04	0.0940	0.73	0.51	1.05	0.1911	0.73	0.45	1.17	0.1884	0.69	0.40	1.20	0.2183	0.76	0.49	1.17	0.2600	0.75	0.46	1.23
CYP19A1	rs4646	0.0861	0.75	0.55	1.04	0.0209	0.64	0.44	0.94	0.0458	0.61	0.37	0.99	0.0188	0.50	0.28	0.89	0.5529	0.88	0.57	1.35	0.3033	0.77	0.47	1.27
CYP19A1	rs10046	0.9493	0.99	0.69	1.42	0.7714	1.06	0.70	1.62	0.7684	0.92	0.54	1.57	0.7636	1.10	0.59	2.06	0.8842	1.04	0.63	1.70	0.9323	1.02	0.58	1.81
CYP19A1	rs2289105	0.7224	0.94	0.65	1.34	0.9693	0.99	0.65	1.51	0.7201	0.91	0.53	1.55	0.8282	1.07	0.57	2.02	0.8315	0.95	0.58	1.54	0.7599	0.92	0.53	1.60
CYP19A1	rs28757184	0.2358	0.58	0.24	1.42	0.5688	0.77	0.31	1.89	0.2319	0.42	0.10	1.73	0.4084	0.55	0.13	2.27	0.7281	0.82	0.26	2.58	0.8755	1.10	0.34	3.50
CYP19A1	rs700518	0.9081	1.02	0.71	1.46	0.7283	1.08	0.71	1.62	0.8399	1.06	0.63	1.78	0.5116	1.23	0.67	2.27	0.8565	0.96	0.59	1.56	0.7822	0.92	0.53	1.61
CYP19A1	rs3759811	0.8471	1.04	0.71	1.51	0.5765	1.13	0.73	1.76	0.9480	1.02	0.60	1.73	0.5648	1.20	0.65	2.22	0.9140	1.03	0.60	1.76	0.8812	1.05	0.56	1.96
CYP19A1	rs2414096	0.9268	1.02	0.69	1.51	0.6366	1.12	0.70	1.78	0.9498	1.02	0.58	1.78	0.6016	1.19	0.61	2.33	0.9866	1.00	0.58	1.74	0.9109	1.04	0.54	2.00
CYP19A1	rs727479	0.7356	0.95	0.69	1.30	0.9680	1.01	0.70	1.45	0.9144	0.97	0.60	1.57	0.8396	1.06	0.61	1.83	0.6982	0.92	0.60	1.41	0.8742	0.96	0.59	1.58
CYP19A1	rs4775936	0.5387	1.11	0.79	1.58	0.5450	1.13	0.76	1.68	0.6228	1.14	0.68	1.89	0.4448	1.26	0.70	2.27	0.8221	1.06	0.66	1.70	0.9784	0.99	0.58	1.70
CYP19A1	rs10459592	0.4396	0.87	0.62	1.23	0.8227	1.05	0.70	1.56	0.9780	1.01	0.59	1.71	0.3891	1.33	0.70	2.53	0.3654	0.81	0.52	1.27	0.7339	0.91	0.55	1.53
CYP19A1	rs1062033	0.5065	1.12	0.80	1.58	0.5151	1.14	0.77	1.69	0.6261	1.14	0.68	1.89	0.5305	1.21	0.67	2.17	0.7798	1.07	0.67	1.70	0.8804	1.04	0.61	1.77
CYP19A1	rs2008691	0.4614	0.88	0.63	1.24	0.9962	1.00	0.68	1.46	0.3972	0.80	0.49	1.33	0.8768	0.96	0.55	1.67	0.9747	1.01	0.63	1.60	0.7156	1.10	0.65	1.86
CYP19A1	rs1008805	0.3979	0.86	0.62	1.21	0.3189	0.82	0.56	1.21	0.4926	0.83	0.50	1.40	0.2033	0.69	0.39	1.22	0.7378	0.93	0.59	1.45	0.9482	0.98	0.58	1.66
CYP19A1	rs749292	0.5223	1.12	0.79	1.60	0.4335	1.18	0.78	1.77	0.2472	1.37	0.80	2.33	0.2088	1.48	0.80	2.73	0.6995	0.91	0.56	1.47	0.7855	0.93	0.53	1.61
CYP19A1	rs7181886	0.7341	1.08	0.70	1.67	0.3088	1.28	0.80	2.06	0.8127	0.92	0.48	1.77	0.4724	1.28	0.65	2.50	0.2957	1.37	0.76	2.49	0.3123	1.42	0.72	2.81
CYP19A1	rs936308	0.5386	0.90	0.64	1.26	0.8523	1.04	0.71	1.52	0.4588	0.83	0.50	1.37	0.9721	1.01	0.58	1.76	0.8783	1.04	0.65	1.65	0.6213	1.14	0.68	1.93
CYP19A1	rs730154	0.8502	0.96	0.67	1.40	0.3950	1.20	0.79	1.80	0.5674	0.85	0.50	1.47	0.9571	1.02	0.55	1.87	0.6471	1.13	0.68	1.88	0.1954	1.45	0.83	2.53
CYP19A1	rs28566535	0.8994	1.03	0.68	1.55	0.2310	1.31	0.84	2.02	0.9377	0.98	0.53	1.79	0.3393	1.36	0.72	2.55	0.6371	1.14	0.65	2.00	0.3420	1.34	0.73	2.47
CYP19A1	rs4774585	0.0753	1.36	0.97	1.90	0.2886	1.24	0.84	1.83	0.7276	1.09	0.66	1.80	0.6713	1.13	0.64	2.00	0.0284	1.67	1.06	2.65	0.2587	1.37	0.80	2.35
CYP19A1	rs6493497	0.1277	0.72	0.48	1.10	0.3676	0.81	0.51	1.29	0.0687	0.55	0.28	1.05	0.1672	0.60	0.29	1.24	0.8092	0.94	0.54	1.61	0.8475	1.06	0.58	1.94
CYP19A1	rs752760	0.8180	1.04	0.72	1.52	0.7329	0.93	0.61	1.41	0.4481	0.81	0.47	1.40	0.6509	0.86	0.46	1.63	0.2668	1.33	0.80	2.22	0.9201	1.03	0.59	1.80
EP300	rs20551	0.9997	1.00	0.72	1.38	0.8056	1.05	0.72	1.52	0.4175	0.81	0.49	1.34	0.6758	0.89	0.50	1.56	0.5147	1.15	0.75	1.78	0.5308	1.17	0.72	1.91
ESR1	CP-ESR1-01-ESR1	0.9923	0.00	0.00	Inf	0.9932	0.00	0.00	Inf	0.9958	0.00	0.00	Inf	0.9963	0.00	0.00	Inf	0.9957	0.00	0.00	Inf	0.9962	0.00	0.00	Inf
ESR1	CP-ESR1-02-ESR1	0.6825	1.23	0.46	3.32	0.3467	0.39	0.05	2.78	0.9174	1.08	0.26	4.40	0.7005	0.68	0.09	4.91	0.5464	1.54	0.38	6.27	0.9957	0.00	0.00	Inf
ESR1	CP-ESR1-04-ESR1	0.7291	0.71	0.10	5.05	0.9491	0.94	0.13	6.72	0.9262	1.10	0.15	7.92	0.7052	1.47	0.20	10.62	0.9958	0.00	0.00	Inf	0.9963	0.00	0.00	Inf
ESR1	rs11963577	0.3647	2.48	0.35	17.76	0.2568	3.12	0.44	22.39	0.2947	2.88	0.40	20.76	0.2037	3.61	0.50	26.19	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs867239	0.8169	1.08	0.55	2.12	0.8104	1.10	0.51	2.36	0.4059	1.43	0.62	3.30	0.3554	1.54	0.61	3.88	0.6996	0.80	0.25	2.52	0.6137	0.70	0.17	2.85
ESR1	rs2077647	0.7761	0.95	0.66	1.36	0.9256	0.98	0.65	1.48	0.9598	0.99	0.57	1.71	0.7530	1.11	0.58	2.12	0.7811	0.93	0.58	1.51	0.7327	0.91	0.53	1.56
ESR1	rs6920483	0.6703	1.18	0.55	2.52	0.8201	1.11	0.45	2.72	0.3098	1.69	0.61	4.65	0.3963	1.66	0.52	5.33	0.7529	0.83	0.26	2.64	0.6666	0.73	0.18	3.01
ESR1	rs3778610	0.6408	1.27	0.47	3.43	0.6590	1.30	0.41	4.09	0.0867	2.43	0.88	6.69	0.1294	2.47	0.77	7.97	0.9950	0.00	0.00	Inf	0.9957	0.00	0.00	Inf
ESR1	rs3853250	0.4759	0.88	0.61	1.26	0.4674	0.86	0.57	1.30	0.7155	0.90	0.50	1.60	0.6106	0.84	0.44	1.62	0.6839	0.91	0.57	1.45	0.7363	0.91	0.53	1.56
ESR1	rs4870056	0.6163	0.91	0.62	1.32	0.5276	0.87	0.57	1.34	0.8273	0.94	0.52	1.69	0.7667	0.90	0.46	1.77	0.7633	0.93	0.57	1.52	0.6641	0.88	0.51	1.55
ESR1	rs9322331	0.9879	1.00	0.72	1.38	0.9617	0.99	0.69	1.43	0.8655	0.96	0.59	1.55	0.5728	0.86	0.50	1.47	0.8096	1.05	0.68	1.62	0.5966	1.14	0.70	1.87
ESR1	rs2234693	0.6472	0.92	0.63	1.34	0.7714	0.94	0.61	1.45	0.7711	0.92	0.52	1.62	0.6347	0.86	0.46	1.61	0.8232	0.94	0.57	1.57	0.8853	1.04	0.58	1.90
ESR1	rs9340799	0.7795	1.05	0.74	1.49	0.7712	1.06	0.71	1.58	0.5873	1.16	0.68	1.97	0.8125	1.08	0.59	1.96	0.9620	1.01	0.64	1.61	0.7637	1.09	0.63	1.86
ESR1	rs9340817	0.3691	0.69	0.30	1.56	0.5241	0.75	0.30	1.83	0.7230	0.83	0.30	2.29	0.8759	1.08	0.39	3.02	0.4144	0.56	0.14	2.27	0.3168	0.36	0.05	2.63
ESR1	rs1709181	0.0370	0.68	0.47	0.98	0.0318	0.64	0.42	0.96	0.0972	0.63	0.37	1.09	0.0193	0.49	0.27	0.89	0.1985	0.73	0.45	1.18	0.4455	0.80	0.45	1.42
ESR1	rs1709182	0.0502	0.71	0.51	1.00	0.0474	0.68	0.46	1.00	0.0127	0.53	0.32	0.87	0.00											

ESR1	rs4986934	0.3796	1.29	0.73	2.28	0.4374	1.29	0.68	2.47	0.7954	0.89	0.36	2.21	0.7426	1.17	0.46	2.93	0.0860	1.90	0.91	3.94	0.3544	1.54	0.62	3.85
ESR1	rs4870061	0.0952	1.32	0.95	1.83	0.0718	1.41	0.97	2.04	0.1519	1.43	0.88	2.34	0.1051	1.59	0.91	2.78	0.2478	1.30	0.83	2.03	0.2515	1.34	0.81	2.23
ESR1	rs2347868	0.0995	1.32	0.95	1.82	0.0622	1.42	0.98	2.07	0.3386	1.27	0.78	2.05	0.2332	1.40	0.81	2.42	0.1040	1.45	0.93	2.26	0.0939	1.54	0.93	2.57
ESR1	rs3020410	0.5767	0.91	0.64	1.28	0.3025	0.81	0.54	1.21	0.4264	0.81	0.49	1.36	0.4132	0.78	0.44	1.41	0.8600	1.04	0.65	1.68	0.6295	0.87	0.49	1.53
ESR1	rs3003917	0.2738	1.21	0.86	1.69	0.2243	1.27	0.86	1.87	0.4006	1.24	0.75	2.03	0.4439	1.25	0.71	2.20	0.4143	1.21	0.77	1.91	0.2960	1.32	0.78	2.24
ESR1	rs6909026	0.3338	1.40	0.71	2.74	0.1746	1.65	0.80	3.39	0.1277	1.92	0.83	4.45	0.0313	2.55	1.09	5.99	0.9178	0.94	0.30	2.99	0.7974	0.83	0.20	3.41
ESR1	rs3020377	0.3156	1.19	0.85	1.66	0.1523	1.33	0.90	1.96	0.6006	1.15	0.69	1.91	0.2984	1.37	0.75	2.51	0.2918	1.27	0.81	1.99	0.2488	1.35	0.81	2.26
ESR1	rs9322348	0.0581	2.62	0.97	7.07	0.0933	2.67	0.85	8.43	0.9539	1.06	0.15	7.64	0.7481	1.38	0.19	10.01	0.0032	5.85	1.81	18.89	0.0156	5.87	1.40	24.66
ESR1	rs2347869	0.5229	1.12	0.79	1.58	0.3476	1.21	0.81	1.81	0.3437	1.30	0.76	2.23	0.4222	1.29	0.70	2.38	0.9106	1.03	0.65	1.61	0.5334	1.18	0.70	2.02
ESR1	rs1884049	0.2812	1.19	0.86	1.65	0.1654	1.30	0.90	1.88	0.1273	1.47	0.90	2.39	0.1013	1.59	0.91	2.79	0.7109	1.09	0.70	1.69	0.5323	1.17	0.71	1.95
ESR1	rs9340941	0.7927	0.93	0.52	1.64	0.5590	0.82	0.41	1.61	0.9875	0.99	0.43	2.31	0.7225	0.83	0.30	2.31	0.7241	0.87	0.40	1.89	0.6424	0.80	0.32	2.01
ESR1	rs9340958	0.6048	0.88	0.54	1.44	0.8728	0.96	0.55	1.65	0.5918	1.20	0.61	2.36	0.5930	1.23	0.58	2.62	0.2430	0.65	0.31	1.34	0.4765	0.75	0.34	1.65
ESR1	rs2982734	0.6393	0.92	0.66	1.29	0.4260	1.17	0.79	1.73	0.5357	1.17	0.71	1.92	0.5046	1.21	0.69	2.13	0.2081	0.75	0.48	1.17	0.6608	1.13	0.66	1.94
ESR1	rs9341004	0.1525	1.32	0.90	1.93	0.0229	1.62	1.07	2.45	0.1143	1.56	0.90	2.71	0.1695	1.56	0.83	2.92	0.6082	1.15	0.68	1.94	0.0696	1.67	0.96	2.90
ESR1	rs3020368	0.9466	1.01	0.66	1.56	0.4042	1.22	0.76	1.95	0.9444	1.02	0.53	1.96	0.7977	1.10	0.53	2.26	0.9991	1.00	0.56	1.78	0.3929	1.31	0.71	2.42
ESR1	rs6930355	0.5617	0.90	0.62	1.30	0.6143	1.11	0.74	1.66	0.9331	1.02	0.59	1.78	1.0000	1.00	0.53	1.88	0.3861	0.80	0.49	1.32	0.5348	1.18	0.70	1.99
ESR1	rs3798565	0.0872	0.55	0.28	1.09	0.2323	0.64	0.31	1.32	0.0730	0.40	0.14	1.09	0.2077	0.52	0.19	1.44	0.8656	0.92	0.37	2.29	0.9589	0.97	0.35	2.69
ESR1	rs3020371	0.5522	0.91	0.65	1.25	0.5879	1.11	0.76	1.62	0.7893	1.07	0.65	1.75	0.8378	1.06	0.61	1.85	0.2672	0.78	0.50	1.21	0.6264	1.14	0.68	1.91
ESR1	rs9479188	0.8785	1.03	0.73	1.45	0.2616	1.25	0.85	1.83	0.4622	1.21	0.73	2.02	0.5169	1.21	0.68	2.16	0.6415	0.89	0.55	1.44	0.3690	1.27	0.76	2.12
ESR1	rs3020376	0.9501	0.98	0.61	1.60	0.7086	1.11	0.65	1.88	0.5240	1.24	0.65	2.36	0.6870	1.17	0.55	2.49	0.5291	0.79	0.38	1.64	0.8518	1.07	0.51	2.27
ESR1	rs750686	0.4720	0.89	0.64	1.23	0.7648	1.06	0.72	1.55	0.9006	1.03	0.63	1.70	0.9097	1.03	0.59	1.82	0.2655	0.78	0.50	1.21	0.7881	1.07	0.64	1.81
ESR1	rs9341066	0.7340	1.09	0.68	1.74	0.5630	1.17	0.69	1.99	0.6325	0.83	0.40	1.76	0.6509	0.82	0.35	1.94	0.2403	1.45	0.78	2.67	0.1438	1.66	0.84	3.28
ESR1	rs2228480	0.0428	0.69	0.49	0.99	0.0490	0.67	0.44	1.00	0.0456	0.58	0.34	0.99	0.0212	0.47	0.25	0.89	0.3699	0.81	0.51	1.29	0.6147	0.87	0.52	1.48
ESR1	rs9341070	0.9461	1.05	0.26	4.24	0.7013	0.68	0.09	4.87	0.8643	0.84	0.12	6.07	0.9416	1.08	0.15	7.79	0.6503	1.58	0.22	11.35	0.9955	0.00	0.00	Inf
ESR1	rs3798577	0.2151	1.26	0.88	1.80	0.1452	1.37	0.90	2.08	0.9168	1.03	0.60	1.77	0.6923	1.14	0.61	2.13	0.0935	1.52	0.93	2.47	0.0885	1.64	0.93	2.88
ESR1	rs9341072	0.0208	10.41	1.43	75.88	0.9944	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.0304	9.19	1.23	68.48	0.9960	0.00	0.00	Inf
ESR1	rs3798758	0.7035	1.13	0.60	2.15	0.6525	1.18	0.57	2.42	0.6589	1.21	0.52	2.80	0.5814	1.30	0.52	3.26	0.7620	1.17	0.43	3.19	0.8119	1.15	0.36	3.67
ESR1	rs2747648	0.2157	0.60	0.26	1.35	0.1010	0.38	0.12	1.21	0.7564	0.83	0.26	2.65	0.6344	0.71	0.17	2.92	0.1642	0.44	0.14	1.40	0.0991	0.19	0.03	1.37
ESR1	rs9341077	0.0295	0.40	0.18	0.91	0.0354	0.34	0.13	0.93	0.1357	0.34	0.08	1.40	0.1294	0.22	0.03	1.56	0.0974	0.43	0.16	1.17	0.1339	0.41	0.13	1.31
ESR1	rs1062577	0.2084	0.72	0.44	1.20	0.2485	0.71	0.40	1.27	0.4516	0.75	0.36	1.58	0.4532	0.72	0.31	1.69	0.3202	0.70	0.35	1.41	0.3898	0.71	0.32	1.56
ESR1	rs2813543	0.6687	0.93	0.67	1.29	0.2573	0.80	0.55	1.17	0.8264	0.95	0.58	1.54	0.6234	0.87	0.50	1.52	0.6666	0.91	0.59	1.40	0.2616	0.75	0.45	1.24
ESR1	rs926848	0.9394	0.98	0.53	1.81	0.9110	1.04	0.53	2.06	0.5547	0.76	0.30	1.89	0.6497	0.79	0.28	2.19	0.4277	1.40	0.61	3.22	0.3659	1.53	0.61	3.81
ESR2	IU08-E2-01	0.8341	0.81	0.11	5.79	0.9560	1.06	0.15	7.57	0.6753	1.53	0.21	11.00	0.4964	1.99	0.27	14.41	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
ESR2	IU08-E2-02	0.8463	0.95	0.60	1.53	0.7857	0.93	0.54	1.60	0.9843	1.01	0.51	1.97	0.6253	1.20	0.58	2.46	0.8546	0.94	0.48	1.82	0.4450	0.72	0.31	1.67
ESR2	rs8006145	0.6100	1.09	0.79	1.50	0.9328	1.02	0.70	1.47	0.7130	0.91	0.57	1.48	0.7230	0.91	0.53	1.56	0.2170	1.31	0.85	2.03	0.5275	1.17	0.71	1.93
ESR2	rs4986938	0.6383	1.08	0.78	1.50	0.7243	0.94	0.65	1.35	0.5577	0.87	0.53	1.40	0.2181	0.71	0.41	1.22	0.1871	1.35	0.87	2.09	0.4280	1.22	0.74	2.02
ESR2	rs1256064	0.8990	1.05	0.51	2.14	0.6301	1.21	0.56	2.59	0.0806	2.46	0.90	6.77	0.1368	2.42	0.76	7.78	0.3119	0.60	0.22	1.63	0.6505	0.79	0.29	2.18
ESR2	rs867443	0.4950	1.12	0.81	1.55	0.8127	1.05	0.72	1.51	0.5184	0.85	0.52	1.38	0.4346	0.80	0.46	1.40	0.0876	1.46	0.95	2.26	0.2234	1.36	0.83	2.23
ESR2	rs944045	0.6414	1.11	0.72	1.69	0.8816	1.04	0.63	1.70	0.1708	1.51	0.84	2.72	0.3688	1.37	0.69	2.73	0.5091	0.81	0.44	1.50	0.5126	0.79	0.39	1.60
ESR2	rs944460	0.0777	0.50	0.24	1.08	0.1805	0.57	0.25	1.30	0.1583	0.43	0.14	1.38	0.3475	0.57	0.18	1.84	0.2924	0.58	0.21	1.60	0.3506	0.57	0.18	1.84
ESR2	rs1256062	0.2123	0.79	0.54	1.15	0.1988	0.75	0.49	1.16	0.8212	0.94	0.53	1.64	0.7434	0.90	0.47	1.71	0.1201	0.67	0.40	1.11	0.1324	0.63	0.35	1.15
ESR2	rs1256059	0.5829	1.10	0.78	1.56	0.5337	1.13	0.76	1.69	0.9792	1.01	0.61	1.66	0.8502	1.06	0.60	1.88	0.5431	1.16	0.72	1.88	0.5679	1.18	0.68	2.05
ESR2	rs1952585	0.5702	1.27	0.56	2.87	0.4724	1.39	0.57	3.41	0.0182	3.39	1.23	9.35	0.0394	3.42	1.06	11.00	0.3365	0.50	0.12	2.05	0.5580	0.66	0.16	2.69
ESR2	rs17766755	0.8281	1.04	0.74	1.45	0.5326	0.89	0.61	1.29	0.9349	0.98	0.60	1.61	0.4510	0.81	0.46	1.41	0.5989	1.13	0.72	1.77	0.9942	1.00	0.60	1.66
ESR2	rs2274705	0.4296	1.18	0.79	1.76	0.5841	1.14	0.71	1.82	0.1911	1.46	0.83	2.58	0.3412	1.37	0.72	2.63	0.7905	0.93	0.52	1.64	0.8032	0.92	0.47	1.79
ESR2	rs10140457	0.2862	0.64	0.28	1.45	0.4239	0.69	0.28	1.70	0.9312	0.95	0.30	3.03	0.7756	0.81	0.20	3.35	0.1752	0.45	0.14	1.43	0.3734	0.59	0.19	1.88
ESR2	rs1256049	0.5191	0.81	0.43	1.54	0.9076	0.96	0.49	1.90	0.4095	0.65	0.24	1.80	0.7681	0.86	0.31	2.38	0.9935	1.00	0.43	2.29	0.8454	1.10	0.44	2.73
ESR2	rs8003490	0.7656	1.07	0.68	1.67	0.6886	0.89	0.52	1.54	0.2533	1.44	0.77	2.70	0.6091	1.22	0.57	2.60	0.5107	0.81	0.43	1.53	0.3073	0.66	0.30	1.46
ESR2	rs1256031	0.9081	0.98	0.68	1.40	0.9596	0.99	0.66	1.49	0.8701	1.05	0.61	1.78	0.8381	1.07	0.58	1.97								

HCRT2	rs2653349	0.8867	0.98	0.69	1.38	0.7513	0.94	0.63	1.40	0.5254	1.18	0.71	1.94	0.6999	1.12	0.63	1.99	0.4911	0.84	0.52	1.37	0.4731	0.82	0.47	1.42
HTR1A	rs1800046	0.9941	0.00	0.00	Inf	0.9948	0.00	0.00	Inf	0.9965	0.00	0.00	Inf	0.9968	0.00	0.00	Inf	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
HTR1A	rs62295	0.3042	1.22	0.83	1.80	0.2422	1.30	0.84	2.04	0.5636	1.19	0.66	2.15	0.4379	1.31	0.66	2.63	0.3057	1.30	0.78	2.17	0.3076	1.36	0.76	2.43
HTR2A	rs6308	0.8729	0.85	0.12	6.09	0.9284	1.09	0.15	7.84	0.9966	0.00	0.00	Inf	0.9970	0.00	0.00	Inf	0.9748	1.03	0.14	7.42	0.7761	1.33	0.18	9.62
HTR2A	rs7997012	0.0126	0.66	0.48	0.92	0.0121	0.63	0.43	0.90	0.2940	0.77	0.48	1.25	0.3927	0.79	0.46	1.36	0.0162	0.59	0.38	0.91	0.0092	0.51	0.31	0.85
HTR2A	rs3742278	0.8855	1.03	0.70	1.50	0.6233	0.89	0.57	1.40	0.6682	0.88	0.49	1.59	0.3361	0.70	0.34	1.44	0.5105	1.18	0.72	1.93	0.7817	1.09	0.61	1.94
HTR2A	rs2296972	0.0337	0.71	0.51	0.97	0.1181	0.75	0.52	1.08	0.8570	0.96	0.58	1.56	0.9184	0.97	0.55	1.70	0.0129	0.57	0.37	0.89	0.0631	0.62	0.38	1.03
HTR2A	rs2274639	0.8597	0.97	0.66	1.41	0.7025	1.08	0.71	1.65	0.9828	0.99	0.57	1.72	0.5874	1.18	0.65	2.15	0.8427	0.95	0.57	1.59	0.9734	1.01	0.56	1.81
HTR2A	rs731779	0.5625	1.11	0.79	1.55	0.1794	1.30	0.89	1.90	0.3351	1.29	0.77	2.14	0.0398	1.79	1.03	3.11	0.7717	0.93	0.59	1.47	0.8411	0.95	0.56	1.60
HTR2A	rs9567746	0.4634	1.14	0.81	1.59	0.1625	1.31	0.90	1.91	0.4305	1.23	0.74	2.04	0.0585	1.71	0.98	2.97	0.9025	1.03	0.65	1.62	0.9610	1.01	0.60	1.70
HTR2A	rs594242	0.2410	0.81	0.57	1.15	0.1561	0.74	0.49	1.12	0.6299	1.13	0.68	1.88	0.8516	1.06	0.59	1.89	0.0389	0.59	0.36	0.97	0.0339	0.53	0.30	0.95
HTR2A	rs6313	0.9318	0.98	0.70	1.40	0.6728	1.09	0.73	1.64	0.2615	0.75	0.45	1.24	0.1802	0.68	0.39	1.20	0.3368	1.27	0.78	2.06	0.0706	1.73	0.95	3.15
HTR2A	rs1805055	0.2570	0.71	0.39	1.28	0.2734	0.68	0.35	1.35	0.6173	0.83	0.40	1.73	0.8642	0.93	0.42	2.07	0.4142	0.66	0.24	1.80	0.2278	0.42	0.10	1.72
HTR2A	rs6306	0.7547	1.08	0.68	1.71	0.5997	1.15	0.69	1.92	0.8529	1.07	0.51	2.24	0.3453	1.44	0.68	3.05	0.9265	1.03	0.57	1.86	0.8207	0.92	0.45	1.87
HTR2A	rs6311	0.6815	0.93	0.66	1.31	0.8501	1.04	0.70	1.55	0.2620	0.75	0.45	1.24	0.1724	0.67	0.38	1.19	0.6041	1.13	0.71	1.80	0.1332	1.55	0.88	2.73
HTR2A	rs1328685	0.5933	1.11	0.75	1.66	0.5039	0.85	0.52	1.38	0.6087	0.85	0.45	1.59	0.2219	0.61	0.27	1.35	0.1927	1.41	0.84	2.35	0.7422	1.11	0.59	2.09
NCOA1	rs920418	0.4705	0.88	0.63	1.24	0.4815	0.87	0.59	1.28	0.7717	1.08	0.63	1.85	0.8515	0.94	0.52	1.72	0.2049	0.75	0.48	1.17	0.4074	0.80	0.48	1.35
NCOA1	rs2033861	0.8625	1.03	0.70	1.53	0.4319	0.84	0.55	1.30	0.4963	1.23	0.68	2.25	0.8881	1.05	0.54	2.04	0.7501	0.92	0.55	1.54	0.2553	0.71	0.40	1.27
NCOA1	rs11125744	0.1367	0.73	0.49	1.10	0.7611	0.93	0.61	1.44	0.5219	0.81	0.43	1.53	0.6920	1.14	0.59	2.19	0.1169	0.65	0.38	1.11	0.3770	0.77	0.43	1.38
NCOA1	rs3731628	0.5997	1.13	0.71	1.79	0.4682	1.21	0.72	2.03	0.9548	0.98	0.49	1.98	0.9665	0.98	0.44	2.18	0.3492	1.34	0.73	2.47	0.2308	1.51	0.77	2.97
NCOA1	rs2083389	0.4731	1.13	0.81	1.59	0.7775	0.94	0.64	1.40	0.8119	1.06	0.64	1.77	0.1634	0.65	0.35	1.19	0.4824	1.18	0.74	1.87	0.3968	1.26	0.74	2.13
NCOA1	rs1804645	0.9019	0.96	0.53	1.74	0.8647	1.06	0.55	2.02	0.3162	0.55	0.17	1.76	0.5932	0.73	0.23	2.34	0.4912	1.27	0.64	2.55	0.5092	1.30	0.59	2.86
NCOA1	rs17737058	0.7852	1.05	0.75	1.46	0.3952	0.85	0.58	1.24	0.8999	1.03	0.63	1.70	0.1358	0.63	0.34	1.16	0.8481	1.04	0.67	1.62	0.8956	1.03	0.63	1.71
NCOA2	rs3088092	0.9041	0.97	0.57	1.65	0.9896	1.00	0.55	1.83	0.7684	0.89	0.40	1.95	0.9894	1.01	0.43	2.37	0.7476	1.13	0.54	2.34	0.8565	1.08	0.47	2.51
NCOA2	rs2228591	0.8631	1.05	0.61	1.82	0.2158	1.42	0.81	2.49	0.5322	0.72	0.26	1.99	0.9229	0.95	0.34	2.64	0.4934	1.26	0.65	2.44	0.1033	1.75	0.89	3.45
NCOA2	rs2272670	0.8428	0.97	0.69	1.35	0.7314	1.07	0.73	1.56	0.5294	1.17	0.71	1.92	0.7008	1.12	0.64	1.96	0.3970	0.82	0.52	1.30	0.9211	1.03	0.61	1.71
NCOA2	rs4738079	0.5174	0.86	0.54	1.37	0.4565	0.81	0.47	1.41	0.3647	1.34	0.71	2.52	0.7049	1.16	0.54	2.49	0.1064	0.56	0.28	1.13	0.1906	0.59	0.27	1.30
NCOA2	rs1380896	0.8178	0.96	0.66	1.38	0.6653	1.10	0.72	1.67	0.2614	1.36	0.80	2.32	0.4402	1.28	0.69	2.37	0.1736	0.70	0.42	1.17	0.8576	0.95	0.54	1.68
NCOA3	rs6094752	0.5288	0.84	0.49	1.44	0.6754	0.88	0.48	1.60	0.9825	0.99	0.49	2.01	0.9872	1.01	0.45	2.24	0.4629	0.73	0.32	1.68	0.6268	0.80	0.32	1.99
NCOA3	rs2230782	0.9185	0.98	0.60	1.58	0.7855	1.08	0.63	1.83	0.7616	1.13	0.51	2.48	0.5758	1.28	0.54	3.00	0.5586	0.83	0.45	1.54	0.7698	0.90	0.46	1.78
NCOA3	rs2076546	0.3112	0.80	0.52	1.23	0.4973	0.85	0.52	1.37	0.1591	0.57	0.26	1.25	0.0863	0.41	0.15	1.14	0.7633	0.92	0.55	1.55	0.6671	1.13	0.64	1.99
NCOA3	rs365602	0.1762	0.72	0.45	1.16	0.1193	0.64	0.37	1.12	0.0495	0.45	0.20	1.00	0.0488	0.39	0.15	1.00	0.8559	1.06	0.59	1.90	0.9362	0.97	0.49	1.94
NCOA3	rs396221	0.6952	0.93	0.65	1.33	0.8707	0.97	0.64	1.47	0.2266	0.73	0.44	1.21	0.1039	0.62	0.35	1.10	0.7162	1.10	0.65	1.89	0.2428	1.50	0.76	2.96
NCOR1	rs1065822	0.8981	0.98	0.69	1.39	0.8660	0.97	0.65	1.44	0.1360	0.67	0.40	1.13	0.5718	0.84	0.45	1.55	0.1981	1.37	0.85	2.22	0.6470	1.13	0.67	1.92
NCOR1	rs1073093	0.4142	0.74	0.36	1.52	0.2492	0.59	0.24	1.45	0.4407	0.63	0.20	2.02	0.3976	0.54	0.13	2.23	0.6827	0.83	0.34	2.05	0.4281	0.63	0.20	1.99
NCOR1	rs61753150	0.1385	0.35	0.09	1.41	0.1395	0.23	0.03	1.62	0.4045	0.43	0.06	3.12	0.5829	0.57	0.08	4.17	0.2156	0.29	0.04	2.07	0.9956	0.00	0.00	Inf
NCOR2	rs2229840	0.9885	1.00	0.70	1.42	0.7153	0.93	0.62	1.39	0.6079	0.87	0.51	1.48	0.9907	1.00	0.56	1.80	0.4846	1.18	0.74	1.89	0.7643	0.92	0.52	1.61
NCOR2	rs7978237	0.3812	1.18	0.81	1.72	0.5978	1.12	0.73	1.74	0.1334	1.50	0.88	2.55	0.1630	1.54	0.84	2.84	0.9770	1.01	0.58	1.74	0.7207	0.89	0.46	1.70
NCOR2	rs1812730	0.4511	0.88	0.62	1.24	0.9647	0.99	0.66	1.48	0.9260	0.98	0.58	1.63	0.6287	1.16	0.63	2.13	0.2713	0.77	0.48	1.23	0.5051	0.83	0.49	1.43
NCOR2	rs837935	0.6630	1.08	0.77	1.51	0.8470	0.96	0.66	1.41	0.9366	0.98	0.59	1.61	0.5155	0.83	0.47	1.47	0.5520	1.15	0.72	1.83	0.8025	1.07	0.64	1.79
NRIP1	rs2229742	0.9704	0.99	0.66	1.50	0.8821	1.04	0.65	1.65	0.6642	1.14	0.62	2.11	0.4375	1.31	0.67	2.56	0.6489	0.88	0.50	1.54	0.6124	0.85	0.44	1.62
PELP1	rs9436	0.3085	0.84	0.59	1.18	0.4082	0.85	0.57	1.25	0.6515	0.89	0.53	1.48	0.9926	1.00	0.57	1.78	0.3746	0.81	0.51	1.29	0.2925	0.75	0.43	1.29
PGR	rs500760	0.4379	1.14	0.82	1.59	0.5452	1.12	0.77	1.64	0.0341	1.70	1.04	2.78	0.1323	1.54	0.88	2.70	0.3145	0.79	0.50	1.25	0.4969	0.84	0.50	1.40
PGR	rs1042838	0.5001	1.13	0.79	1.62	0.4961	1.15	0.77	1.73	0.0288	1.77	1.06	2.95	0.0544	1.77	0.99	3.16	0.2629	0.75	0.45	1.25	0.3778	0.77	0.43	1.38
PGR	rs660149	0.0360	1.42	1.02	1.97	0.0901	1.38	0.95	2.01	0.0510	1.63	1.00	2.65	0.1480	1.50	0.87	2.60	0.3000	1.27	0.81	1.98	0.3411	1.28	0.77	2.14
PGR	rs7116336	0.3701	0.81	0.50	1.29	0.4135	0.80	0.46	1.37	0.1083	0.50	0.22	1.16	0.1027	0.43	0.15	1.19	0.8086	1.07	0.60	1.92	0.6743	1.15	0.60	2.23
PGR	rs516693	0.4429	0.86	0.59	1.26	0.6896	0.92	0.60	1.40	0.9207	0.97	0.57	1.67	0.9352	0.97	0.53	1.80	0.3580	0.78	0.46	1.32	0.6554	0.88	0.49	1.57
PGR	rs11571171	0.8575	1.03	0.74	1.43	0.9881	1.00	0.69	1.45	0.7923	1.07	0.66	1.74	0.7478	1.09	0.63	1.90	0.9242	0.98	0.63	1.52	0.7228	0.91	0.56	1.50
PGR	rs506487	0.3219	0.85	0.61	1.17	0.1105	0.74	0.51	1.07	0.1640	0.71	0.44	1.15	0.0576	0.59	0.34	1.02	0.9390	1.02	0.65	1.58	0.7			

TCL1A	rs2369049	0.0056	0.59	0.41	0.86	0.0402	0.65	0.43	0.98	0.2383	0.72	0.42	1.24	0.6168	0.86	0.48	1.55	0.0076	0.49	0.29	0.83	0.0208	0.50	0.27	0.90
TCL1A	rs11849538	0.0156	0.61	0.40	0.91	0.0709	0.66	0.42	1.04	0.4175	0.79	0.45	1.39	0.7989	0.92	0.50	1.70	0.0144	0.48	0.26	0.86	0.0329	0.48	0.24	0.94
	rs2097903	0.9090	1.02	0.71	1.47	0.9347	0.98	0.65	1.48	0.7480	0.92	0.54	1.56	0.7190	0.90	0.49	1.63	0.6721	1.11	0.67	1.84	0.8464	1.06	0.60	1.86

Recessive Model

GENE	SNPSFX	Both Drugs Combined: Side Effects				Both Drugs Combined: Side Effects Due to AIMSS				Letrozole Only Side Effects				Letrozole Only Side Effects Due to AIMSS				Exemestane Only Side Effects				Exemestane Only Side Effects Due to AIMSS				
		P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	P-value	Hazard Ratio	Lower CI	Upper CI	
ARVCF	rs165815	0.7460	1.13	0.53	2.42	0.9084	1.05	0.43	2.58	0.2410	1.83	0.67	5.03	0.3259	1.79	0.56	5.76	0.5847	0.73	0.23	2.30	0.5175	0.63	0.15	2.57	
COMT	rs4646310	0.3935	0.65	0.24	1.75	0.2107	0.41	0.10	1.66	0.9219	1.06	0.33	3.38	0.8571	0.88	0.21	3.61	0.2271	0.30	0.04	2.13	0.9957	0.00	0.00	Inf	
COMT	rs933271	0.0348	0.46	0.23	0.95	0.0557	0.45	0.20	1.02	0.3375	0.64	0.26	1.59	0.4226	0.66	0.24	1.83	0.0539	0.32	0.10	1.02	0.0742	0.28	0.07	1.13	
COMT	rs6269	0.3198	0.79	0.51	1.25	0.1854	0.69	0.40	1.19	0.5493	0.83	0.44	1.54	0.3342	0.69	0.32	1.47	0.5405	0.81	0.42	1.57	0.4583	0.74	0.34	1.63	
COMT	rs4633	0.2919	1.22	0.84	1.75	0.7805	1.06	0.69	1.64	0.9363	1.02	0.58	1.82	0.8757	0.95	0.49	1.84	0.1934	1.37	0.85	2.20	0.6208	1.15	0.65	2.04	
COMT	rs4818	0.6704	0.90	0.55	1.46	0.4981	0.82	0.46	1.47	0.8253	0.93	0.48	1.78	0.5057	0.76	0.34	1.70	0.8043	0.91	0.44	1.90	0.8806	0.94	0.40	2.20	
COMT	rs4680	0.3789	1.18	0.81	1.72	0.7752	1.07	0.69	1.66	0.8042	1.08	0.60	1.92	0.9397	1.03	0.52	2.02	0.3460	1.27	0.77	2.07	0.7518	1.10	0.61	1.97	
COMT	rs165774	0.1533	1.41	0.88	2.26	0.8471	1.06	0.58	1.93	0.6288	1.21	0.55	2.66	0.7985	0.88	0.32	2.43	0.1833	1.50	0.83	2.70	0.7097	1.15	0.55	2.42	
COMT	rs165599	0.2159	0.71	0.42	1.22	0.3358	0.75	0.41	1.36	0.9147	0.96	0.44	2.10	0.8748	1.07	0.46	2.51	0.1158	0.56	0.27	1.15	0.1575	0.54	0.23	1.26	
COMT	rs2097903	0.0555	0.66	0.43	1.01	0.0757	0.64	0.39	1.05	0.0129	0.39	0.19	0.82	0.0035	0.18	0.05	0.56	0.8918	0.96	0.57	1.64	0.4506	1.24	0.71	2.19	
CYP19A1	rs4646	0.2106	0.62	0.29	1.32	0.3799	0.69	0.30	1.57	0.1473	0.35	0.09	1.44	0.2770	0.46	0.11	1.88	0.7678	0.87	0.35	2.16	0.8862	0.93	0.34	2.56	
CYP19A1	rs10046	0.4282	1.17	0.80	1.70	0.7883	1.06	0.68	1.66	0.9381	1.02	0.57	1.84	0.8215	0.92	0.46	1.84	0.3315	1.28	0.78	2.10	0.5829	1.18	0.66	2.10	
CYP19A1	rs2289105	0.4854	1.14	0.78	1.67	0.8348	1.05	0.67	1.63	0.8616	1.05	0.58	1.90	0.9103	0.96	0.48	1.92	0.4686	1.20	0.73	1.97	0.7375	1.10	0.62	1.97	
CYP19A1	rs28757184	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	
CYP19A1	rs700518	0.4449	1.17	0.78	1.74	0.9577	0.99	0.61	1.60	0.6703	1.15	0.61	2.14	0.9112	0.96	0.45	2.04	0.6088	1.15	0.68	1.93	0.9371	0.98	0.52	1.83	
CYP19A1	rs3759811	0.4376	1.18	0.77	1.82	0.7764	0.93	0.54	1.58	0.6537	1.16	0.61	2.22	0.8262	0.91	0.41	2.03	0.5742	1.18	0.67	2.08	0.8208	0.92	0.45	1.89	
CYP19A1	rs2414096	0.4749	1.17	0.76	1.79	0.9023	0.97	0.57	1.64	0.8567	0.94	0.48	1.86	0.4772	0.73	0.31	1.73	0.2885	1.35	0.78	2.34	0.6592	1.16	0.59	2.28	
CYP19A1	rs727479	0.6070	0.88	0.54	1.44	0.2249	0.68	0.37	1.27	0.8214	0.93	0.47	1.81	0.3822	0.68	0.29	1.60	0.7313	0.88	0.42	1.82	0.4739	0.72	0.29	1.79	
CYP19A1	rs4775936	0.2833	1.25	0.83	1.87	0.9012	1.03	0.63	1.69	0.2920	1.40	0.75	2.61	0.6796	1.17	0.55	2.49	0.7228	1.10	0.65	1.88	0.7515	0.90	0.47	1.72	
CYP19A1	rs10459592	0.7853	0.95	0.64	1.39	0.7490	0.93	0.60	1.45	0.6398	0.87	0.50	1.53	0.5708	0.83	0.44	1.58	0.7600	1.09	0.64	1.85	0.7566	1.10	0.60	2.02	
CYP19A1	rs1062033	0.2836	1.26	0.83	1.91	0.7875	1.07	0.65	1.77	0.7797	1.11	0.55	2.24	0.8942	0.94	0.40	2.22	0.3588	1.28	0.76	2.15	0.7947	1.09	0.58	2.04	
CYP19A1	rs2008691	0.1946	1.60	0.79	3.27	0.1154	1.85	0.86	3.97	0.6466	1.31	0.41	4.17	0.3788	1.69	0.53	5.42	0.1863	1.84	0.74	4.56	0.1855	1.98	0.72	5.47	
CYP19A1	rs1008805	0.1660	0.69	0.40	1.17	0.0675	0.53	0.27	1.05	0.2595	0.62	0.27	1.43	0.1095	0.39	0.12	1.24	0.3868	0.74	0.37	1.47	0.3138	0.65	0.28	1.51	
CYP19A1	rs749292	0.3519	1.22	0.81	1.84	0.4869	1.18	0.74	1.90	0.5674	1.21	0.63	2.31	0.7620	1.12	0.53	2.39	0.5648	1.17	0.68	2.00	0.6033	1.18	0.64	2.17	
CYP19A1	rs7181886	0.5354	1.44	0.46	4.51	0.2716	1.90	0.60	6.00	0.2460	2.30	0.56	9.42	0.1284	3.00	0.73	12.37	0.8801	0.86	0.12	6.18	0.8884	1.15	0.16	8.32	
CYP19A1	rs936308	0.6035	1.21	0.59	2.46	0.3926	1.40	0.65	3.00	0.9615	0.97	0.31	3.10	0.6972	1.26	0.39	4.05	0.4389	1.43	0.58	3.53	0.4040	1.54	0.56	4.24	
CYP19A1	rs730154	0.5950	0.78	0.32	1.92	0.9533	1.03	0.42	2.53	0.9579	0.97	0.30	3.10	0.6748	1.29	0.40	4.15	0.5054	0.62	0.15	2.53	0.7593	0.80	0.20	3.30	
CYP19A1	rs28566535	0.0465	2.29	1.01	5.19	0.0075	3.07	1.35	6.99	0.1108	2.57	0.81	8.19	0.0437	3.33	1.03	10.69	0.1869	2.17	0.69	6.89	0.0624	3.01	0.94	9.61	
CYP19A1	rs4774585	0.7179	1.15	0.54	2.46	0.8648	1.08	0.44	2.66	0.3359	1.57	0.63	3.91	0.3392	1.65	0.59	4.59	0.6852	0.75	0.18	3.05	0.4810	0.49	0.07	3.55	
CYP19A1	rs6493497	0.3955	1.83	0.45	7.41	0.1920	2.54	0.63	10.31	0.3850	2.41	0.33	17.46	0.1920	2.426	3.27	4.45	23.90	0.7490	1.38	0.19	9.93	0.5317	1.88	0.26	13.60
CYP19A1	rs752760	0.3416	1.20	0.82	1.75	0.1152	1.40	0.92	2.13	0.2470	1.37	0.80	2.35	0.0654	1.74	0.97	3.15	0.7462	1.09	0.64	1.85	0.6133	1.17	0.64	2.13	
CYP19A1	rs60271534 (7 repeats)	0.2662	0.80	0.55	1.18	0.6594	0.90	0.57	1.43	0.3715	0.76	0.42	1.38	0.6384	0.85	0.43	1.69	0.5820	0.87	0.52	1.45	0.9553	0.98	0.53	1.81	
CYP19A1	rs60271534 (8 repeats)	0.7968	1.05	0.71	1.57	0.4913	1.17	0.75	1.82	0.2577	1.39	0.78	2.47	0.0651	1.78	0.96	3.27	0.4632	0.81	0.46	1.42	0.4409	0.77	0.40	1.49	
CYP19A1	rs60271534 (10 repeats)	0.4927	0.61	0.15	2.48	0.7459	0.79	0.20	3.21	0.4367	0.46	0.06	3.29	0.5924	0.58	0.08	4.21	0.9047	1.13	0.16	8.11	0.6986	1.48	0.20	10.66	
CYP19A1	rs60271534 (11 repeats)	0.9610	0.99	0.72	1.37	0.9248	1.02	0.71	1.47	0.5841	0.88	0.54	1.41	0.4605	0.82	0.47	1.40	0.7167	1.08	0.70	1.67	0.4546	1.21	0.73	2.00	
CYP19A1	rs60271534 (12 repeats)	0.1434	1.55	0.86	2.80	0.9871	0.99	0.44	2.26	0.7384	1.22	0.38	3.88	0.9489	1.05	0.25	4.30	0.1844	1.60	0.80	3.20	0.8396	0.90	0.33	2.48	
EP300	rs20551	0.0989	0.50	0.22	1.14	0.3037	0.65	0.29	1.48	0.1161	0.21	0.03	1.48	0.1917	0.27	0.04	1.94	0.4261	0.69	0.28	1.71	0.8034	0.89	0.36	2.22	
ESR1	rs11963577	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	
ESR1	rs867239	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	
ESR1	rs2077647	0.5869	1.11	0.77	1.59	0.4851	1.16	0.77	1.74	0.7914	1.08	0.62	1.87	0.6089	1.17	0.63	2.17	0.6817	1.11	0.68	1.79	0.6858	1.12	0.65	1.93	
ESR1	rs6920483	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	
ESR1	rs3778610	0.6408	1.27	0.47	3.43	0.6590	1.30	0.41	4.09	0.0867	2.43	0.88	6.69	0.1294	2.47	0.77	7.97	0.9950	0.00	0.00	Inf	0.9957	0.00	0.00	Inf	
ESR1	rs3853250	0.4373	0.86	0.58	1.26	0.6382	0.90	0.58	1.39	0.8266	0.94	0.52	1.69	0.6748	0.86	0.43	1.73	0.3275	0.78	0.47	1.29	0.6794	0.89	0.51	1.55	
ESR1	rs4870056	0.4327	0.85	0.57	1.27	0.7013	0.92	0.58	1.43	0.9530	0.98	0.54	1.78	0.7814	0.91	0.45	1.82	0.2789	0.74	0.43	1.27	0.7107	0.89	0.50	1.61	
ESR1	rs9322331	0.3884	1.22	0.77	1.94	0.4826	1.21	0.71	2.05	0.7464	1.14	0.52	2.49	0.6870	0.81	0.29	2.25	0.5071	1.21	0.68	2.16	0.3072	1.39	0.74	2.60	
ESR1	rs2234693	0.9236	0.98	0.67	1.45	0.9344	1.02	0.66	1.58	0.9154	1.03	0.58	1.83	0.9270	0.97	0.50	1.89	0.7427	0.92	0.54	1.55	0.9342	1.02	0.57	1.84	
ESR1	rs9340799	0.1423	1.39	0.90	2.16	0.1225	1.48	0.90	2.44	0.2552	1.48	0.75	2.91	0.4615	1.35	0.61	3.01	0.3815	1.30	0.72	2.33	0.1914	1.53	0.81	2.91	
ESR1	rs9340817	0.6978	0.68	0.09	4.84	0.9930	0.00	0.00	Inf	0.995																

ESR1	rs3020410	0.0154	3.42	1.26	9.24	0.0374	3.39	1.07	10.67	0.0282	4.91	1.19	20.30	0.0111	6.38	1.53	26.69	0.1470	2.83	0.69	11.50	0.5228	1.90	0.26	13.75
ESR1	rs3003917	0.1620	0.37	0.09	1.49	0.3116	0.49	0.12	1.97	0.6250	0.61	0.08	4.41	0.8233	0.80	0.11	5.79	0.1631	0.25	0.03	1.77	0.2644	0.32	0.04	2.34
ESR1	rs6909026	0.3475	2.57	0.36	18.38	0.2361	3.29	0.46	23.60	0.2879	2.92	0.40	21.10	0.1956	3.70	0.51	26.85	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs3020377	0.8259	1.05	0.66	1.67	0.3289	1.28	0.78	2.09	0.8611	1.06	0.56	2.02	0.4666	1.29	0.65	2.58	0.7778	1.10	0.57	2.13	0.4288	1.33	0.66	2.69
ESR1	rs9322348	0.0581	2.62	0.97	7.07	0.0933	2.67	0.85	8.43	0.9539	1.06	0.15	7.64	0.7481	1.38	0.19	10.01	0.0032	5.85	1.81	18.89	0.0156	5.87	1.40	24.66
ESR1	rs2347869	0.2674	1.25	0.84	1.87	0.2048	1.34	0.85	2.10	0.0694	1.69	0.96	2.96	0.0098	2.21	1.21	4.05	0.8957	0.96	0.54	1.71	0.5280	0.80	0.39	1.61
ESR1	rs9340941	0.7927	0.93	0.52	1.64	0.5590	0.82	0.41	1.61	0.9875	0.99	0.43	2.31	0.7225	0.83	0.30	2.31	0.7241	0.87	0.40	1.89	0.6424	0.80	0.32	2.01
ESR1	rs1884049	0.4563	0.71	0.29	1.74	0.8703	0.93	0.38	2.27	0.5810	1.39	0.43	4.42	0.3336	1.78	0.55	5.71	0.1823	0.38	0.09	1.57	0.3419	0.50	0.12	2.07
ESR1	rs9340958	0.7270	1.42	0.20	10.15	0.5396	1.85	0.26	13.27	0.6016	1.69	0.23	12.21	0.4358	2.20	0.30	15.93	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs2982734	0.6132	0.88	0.54	1.44	0.9228	0.97	0.56	1.68	0.8997	0.96	0.47	1.93	0.6126	0.80	0.34	1.88	0.6012	0.83	0.41	1.66	0.6943	1.15	0.57	2.35
ESR1	rs9341004	0.5717	0.57	0.08	4.05	0.7623	0.74	0.10	5.29	0.9965	0.00	0.00	Inf	0.9969	0.00	0.00	Inf	0.9377	0.92	0.13	6.65	0.8490	1.21	0.17	8.75
ESR1	rs3020368	0.7132	1.45	0.20	10.34	0.5176	1.92	0.27	13.73	0.5766	1.76	0.24	12.66	0.4067	2.31	0.32	16.77	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs6930355	0.4580	0.65	0.21	2.03	0.7748	0.85	0.27	2.66	0.4388	0.46	0.06	3.30	0.5957	0.59	0.08	4.24	0.8150	0.85	0.21	3.44	0.8736	1.12	0.27	4.59
ESR1	rs3798565	0.0872	0.55	0.28	1.09	0.2323	0.64	0.31	1.32	0.0730	0.40	0.14	1.09	0.2077	0.52	0.19	1.44	0.8656	0.92	0.37	2.29	0.9589	0.97	0.35	2.69
ESR1	rs3020371	0.6643	0.90	0.55	1.47	0.9637	0.99	0.57	1.70	0.8354	0.92	0.44	1.94	0.5078	0.73	0.29	1.84	0.6992	0.88	0.45	1.70	0.5976	1.20	0.61	2.36
ESR1	rs9479188	0.6881	0.83	0.34	2.03	0.7948	0.88	0.32	2.38	0.4680	0.59	0.15	2.43	0.7186	0.77	0.19	3.17	0.7056	1.25	0.39	3.96	0.8864	1.11	0.27	4.54
ESR1	rs3020376	0.9501	0.98	0.61	1.60	0.7086	1.11	0.65	1.88	0.5240	1.24	0.65	2.36	0.6870	1.17	0.55	2.49	0.5291	0.79	0.38	1.64	0.8518	1.07	0.51	2.27
ESR1	rs750686	0.8993	0.97	0.60	1.57	0.7630	1.08	0.64	1.84	0.9881	1.01	0.50	2.03	0.7197	0.86	0.36	2.01	0.8997	0.96	0.49	1.86	0.4308	1.31	0.67	2.58
ESR1	rs9341066	0.1201	4.78	0.66	34.39	0.0589	6.73	0.93	48.70	0.0516	7.28	0.99	53.73	0.0219	10.57	1.41	79.45	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs2228480	0.2845	0.58	0.22	1.57	0.5839	0.76	0.28	2.05	0.1208	0.21	0.03	1.51	0.1935	0.27	0.04	1.95	0.3574	1.72	0.54	5.45	0.1574	2.31	0.72	7.37
ESR1	rs9341070	0.0205	10.44	1.43	75.99	0.9945	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.0317	8.99	1.21	66.70	0.9960	0.00	0.00	Inf
ESR1	rs3798577	0.9427	1.01	0.69	1.49	0.3796	1.21	0.79	1.84	0.6874	0.88	0.48	1.62	0.9615	0.98	0.51	1.91	0.6787	1.11	0.67	1.84	0.2316	1.39	0.81	2.41
ESR1	rs9341072	0.0208	10.41	1.43	75.88	0.9944	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.0304	9.19	1.23	68.48	0.9960	0.00	0.00	Inf
ESR1	rs3798758	0.3740	2.44	0.34	17.46	0.2609	3.10	0.43	22.18	0.3043	2.82	0.39	20.35	0.2097	3.55	0.49	25.78	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR1	rs2747648	0.5669	1.78	0.25	12.70	0.9934	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.6644	1.55	0.22	11.13	0.9954	0.00	0.00	Inf
ESR1	rs9341077	0.9943	0.00	0.00	Inf	0.9950	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.9960	0.00	0.00	Inf	0.9965	0.00	0.00	Inf
ESR1	rs1062577	0.9927	0.00	0.00	Inf	0.9935	0.00	0.00	Inf	0.9958	0.00	0.00	Inf	0.9963	0.00	0.00	Inf	0.9960	0.00	0.00	Inf	0.9964	0.00	0.00	Inf
ESR1	rs2813543	0.9548	0.98	0.53	1.81	0.5668	0.80	0.37	1.72	0.6939	0.83	0.33	2.07	0.7634	0.86	0.31	2.37	0.6244	1.23	0.54	2.82	0.6815	0.78	0.25	2.50
ESR1	rs926848	0.9931	0.00	0.00	Inf	0.9939	0.00	0.00	Inf	0.9958	0.00	0.00	Inf	0.9963	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR2	IU08-E2-01	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR2	IU08-E2-02	0.0166	11.35	1.55	82.83	0.0026	22.16	2.96	166.08	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.0261	9.81	1.31	73.26	0.0056	18.33	2.35	143.22
ESR2	rs8006145	0.6684	0.87	0.46	1.65	0.7725	0.90	0.44	1.84	0.6451	0.81	0.32	2.01	0.7166	0.83	0.30	2.30	0.9686	1.02	0.41	2.52	0.9010	1.07	0.39	2.94
ESR2	rs4986938	0.6504	0.89	0.55	1.45	0.7587	0.92	0.53	1.58	0.3538	0.71	0.34	1.48	0.3641	0.67	0.29	1.58	0.6255	1.17	0.62	2.21	0.5020	1.27	0.63	2.58
ESR2	rs1256064	0.8990	1.0473	0.51	2.14	0.6301	1.21	0.56	2.59	0.0806	2.46	0.90	6.77	0.1368	2.42	0.76	7.78	0.3119	0.60	0.22	1.63	0.6505	0.79	0.29	2.18
ESR2	rs867443	0.6816	0.87	0.44	1.70	0.7166	0.87	0.40	1.86	0.4104	0.65	0.24	1.80	0.4313	0.63	0.20	2.01	0.5591	1.31	0.53	3.24	0.5479	1.36	0.50	3.76
ESR2	rs944045	0.7178	1.20	0.44	3.25	0.7932	1.17	0.37	3.67	0.0197	5.36	1.31	21.96	0.2196	3.46	0.48	25.10	0.4549	0.59	0.14	2.39	0.7083	0.76	0.19	3.13
ESR2	rs944460	0.9926	0.00	0.00	Inf	0.9935	0.00	0.00	Inf	0.9957	0.00	0.00	Inf	0.9963	0.00	0.00	Inf	0.9960	0.00	0.00	Inf	0.9965	0.00	0.00	Inf
ESR2	rs1256062	0.6647	1.22	0.50	2.97	0.6332	1.27	0.47	3.46	0.0421	3.33	1.04	10.59	0.1421	2.88	0.70	11.86	0.4181	0.56	0.14	2.28	0.6739	0.74	0.18	3.02
ESR2	rs1256059	0.8079	1.05	0.70	1.59	0.5463	1.15	0.73	1.82	0.7957	0.92	0.48	1.75	0.9746	0.99	0.48	2.03	0.6465	1.13	0.66	1.94	0.4604	1.25	0.69	2.28
ESR2	rs1952585	0.5702	1.2671	0.56	2.87	0.4724	1.39	0.57	3.41	0.0182	3.39	1.23	9.35	0.0394	3.42	1.06	11.00	0.3365	0.50	0.12	2.05	0.5580	0.66	0.16	2.69
ESR2	rs17766755	0.8599	1.05	0.63	1.74	0.8790	1.05	0.59	1.87	0.5393	0.78	0.36	1.71	0.4854	0.72	0.29	1.81	0.2496	1.48	0.76	2.87	0.2333	1.57	0.75	3.32
ESR2	rs2274705	0.5505	1.35	0.50	3.67	0.6233	1.33	0.42	4.21	0.0017	6.47	2.02	20.75	0.0141	5.92	1.43	24.51	0.2674	0.33	0.05	2.36	0.4138	0.44	0.06	3.17
ESR2	rs10140457	0.3679	2.47	0.35	17.66	0.2561	3.13	0.44	22.44	0.2914	2.90	0.40	20.92	0.1997	3.66	0.50	26.52	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR2	rs1256049	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
ESR2	rs8003490	0.9931	0.00	0.00	Inf	0.9939	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
ESR2	rs1256031	0.9687	1.01	0.67	1.51	0.4152	1.20	0.77	1.87	0.9173	1.03	0.56	1.90	0.6011	1.20	0.61	2.35	0.8742	0.96	0.56	1.64	0.6158	-0.86	0.65	2.09
ESR2	rs3020450	0.8453	1.06	0.61	1.83	0.6761	0.86	0.44	1.71	0.8238	1.09	0.50	2.39	0.9913	0.99	0.40	2.50	0.8886	1.06	0.49	2.29	0.6114	0.77	0.28	2.12
EZH2	rs2302427	0.9931	0.00	0.00	Inf	0.9939	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
HCRT	rs9902709	0.9189	1.05	0.39	2.84	0.5172	1.39	0.51	3.77	0.0943	2.37	0.86	6.52	0.0281	3.14	1.13	8.72	0.9940	0.00	0.00	Inf	0.9948	0.00	0.00	Inf
HCRT	rs41513044	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA							

HTR2A	rs594242	0.9164	1.04	0.46	2.36	0.7759	1.14	0.46	2.79	0.0228	3.28	1.18	9.10	0.0491	3.26	1.00	10.58	0.2040	0.40	0.10	1.64	0.3664	0.52	0.13	2.14
HTR2A	rs6313	0.9588	1.01	0.66	1.54	0.9657	1.01	0.62	1.64	0.7070	0.89	0.48	1.66	0.4345	0.74	0.35	1.57	0.5359	1.20	0.67	2.13	0.3133	1.38	0.74	2.60
HTR2A	rs1805055	0.2570	0.71	0.39	1.28	0.2734	0.68	0.35	1.35	0.6173	0.83	0.40	1.73	0.8642	0.93	0.42	2.07	0.4142	0.66	0.24	1.80	0.2278	0.42	0.10	1.72
HTR2A	rs6306	0.9939	0.00	0.00	Inf	0.9946	0.00	0.00	Inf	0.9962	0.00	0.00	Inf	0.9966	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
HTR2A	rs6311	0.8509	0.96	0.63	1.47	0.8681	0.96	0.59	1.56	0.7433	0.90	0.49	1.66	0.5263	0.79	0.39	1.63	0.7907	1.08	0.60	1.96	0.5479	1.22	0.64	2.34
HTR2A	rs1328685	0.9936	0.00	0.00	Inf	0.9944	0.00	0.00	Inf	0.9958	0.00	0.00	Inf	0.9963	0.00	0.00	Inf	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
NCOA1	rs920418	0.1896	0.76	0.50	1.15	0.6681	0.91	0.58	1.42	0.3181	0.71	0.36	1.39	0.6792	0.86	0.42	1.77	0.3222	0.76	0.45	1.30	0.7440	0.91	0.51	1.62
NCOA1	rs2033861	0.5664	0.88	0.58	1.35	0.4621	0.83	0.51	1.36	0.8336	0.94	0.51	1.71	0.9590	0.98	0.50	1.94	0.5793	0.85	0.47	1.53	0.3509	0.71	0.34	1.46
NCOA1	rs11125744	0.1803	0.39	0.10	1.56	0.3252	0.50	0.12	2.01	0.5279	0.53	0.07	3.82	0.7113	0.69	0.09	4.99	0.2159	0.29	0.04	2.07	0.3203	0.37	0.05	2.65
NCOA1	rs3731628	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOA1	rs2083389	0.0106	2.11	1.19	3.75	0.0594	1.93	0.97	3.84	0.0139	2.89	1.24	6.75	0.3048	1.85	0.57	5.97	0.2545	1.57	0.72	3.44	0.1653	1.82	0.78	4.27
NCOA1	rs1804645	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOA1	rs17737058	0.0032	2.37	1.33	4.19	0.0084	2.40	1.25	4.62	0.0074	3.18	1.36	7.43	0.0502	2.80	1.00	7.84	0.1332	1.81	0.83	3.94	0.0955	2.05	0.88	4.76
NCOA2	rs3088092	0.3140	2.75	0.38	19.72	0.1872	3.77	0.52	27.10	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	0.4128	2.28	0.32	16.49	0.2596	3.13	0.43	22.66
NCOA2	rs2228591	0.9947	0.00	0.00	Inf	0.9953	0.00	0.00	Inf	0.9951	0.00	0.00	Inf	0.9956	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOA2	rs2272670	0.1601	1.49	0.86	2.58	0.0905	1.68	0.92	3.06	0.0451	2.06	1.02	4.17	0.0226	2.42	1.13	5.16	0.8947	1.06	0.43	2.63	0.8220	1.12	0.41	3.10
NCOA2	rs4738079	0.9932	0.00	0.00	Inf	0.9941	0.00	0.00	Inf	0.9959	0.00	0.00	Inf	0.9964	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOA2	rs1380896	0.6041	1.20	0.61	2.36	0.3243	1.44	0.70	2.97	0.0445	2.15	1.02	4.56	0.0224	2.57	1.14	5.79	0.2199	0.29	0.04	2.09	0.3450	0.39	0.05	2.79
NCOA3	rs6094752	0.7744	1.33	0.19	9.53	0.5884	1.72	0.24	12.34	0.6354	1.61	0.22	11.63	0.4660	2.09	0.29	15.14	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOA3	rs2230782	0.0593	3.84	0.95	15.56	0.0249	4.98	1.22	20.24	0.1856	3.81	0.53	27.62	0.1231	4.77	0.65	34.78	0.1891	3.77	0.52	27.31	0.1156	4.93	0.68	35.96
NCOA3	rs2076546	0.9922	0.00	0.00	Inf	0.9931	0.00	0.00	Inf	0.9958	0.00	0.00	Inf	0.9963	0.00	0.00	Inf	0.9956	0.00	0.00	Inf	0.9961	0.00	0.00	Inf
NCOA3	rs365602	0.5468	0.65	0.16	2.63	0.3731	0.41	0.06	2.93	0.9965	0.00	0.00	Inf	0.9969	0.00	0.00	Inf	0.5870	1.48	0.36	6.03	0.9543	0.94	0.13	6.83
NCOA3	rs396221	0.3874	1.20	0.80	1.80	0.3045	1.27	0.80	2.02	0.6201	1.18	0.61	2.26	0.7698	1.12	0.52	2.39	0.5762	1.16	0.69	1.96	0.3490	1.32	0.74	2.37
NCOR1	rs1065822	0.0439	0.65	0.43	0.99	0.0521	0.62	0.38	1.00	0.1491	0.64	0.35	1.17	0.1029	0.55	0.27	1.13	0.2129	0.69	0.39	1.23	0.3224	0.72	0.38	1.38
NCOR1	rs1073093	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOR1	rs61753150	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
NCOR2	rs2229840	0.0232	2.81	1.15	6.86	0.1607	2.27	0.72	7.16	0.3821	2.41	0.33	17.41	0.9963	0.00	0.00	Inf	0.0596	2.63	0.96	7.19	0.0932	2.70	0.85	8.63
NCOR2	rs7978237	0.6598	1.22	0.50	2.98	0.9477	0.96	0.31	3.03	0.4758	1.45	0.52	3.99	0.5251	1.46	0.45	4.72	0.8315	1.24	0.17	8.91	0.9966	0.00	0.00	Inf
NCOR2	rs1812730	0.6816	0.91	0.59	1.41	0.6614	0.90	0.55	1.47	0.1027	0.50	0.21	1.15	0.1003	0.42	0.15	1.18	0.4778	1.20	0.72	2.01	0.4756	1.23	0.69	2.21
NCOR2	rs837935	0.9559	0.99	0.60	1.62	0.9685	0.99	0.56	1.74	0.8499	0.93	0.46	1.89	0.9257	0.96	0.43	2.15	0.7996	1.09	0.54	2.20	0.8497	1.08	0.49	2.38
NRIP1	rs2229742	0.3900	0.42	0.06	3.02	0.5559	0.55	0.08	3.96	0.9965	0.00	0.00	Inf	0.9969	0.00	0.00	Inf	0.5386	0.54	0.07	3.87	0.7317	0.71	0.10	5.11
PELP1	rs9436	0.4264	1.27	0.70	2.29	0.7852	1.11	0.54	2.27	0.4103	0.55	0.14	2.26	0.6630	0.73	0.18	3.00	0.1527	1.62	0.84	3.14	0.5978	1.25	0.54	2.91
PGR	rs500760	0.7193	0.89	0.47	1.69	0.8476	1.07	0.54	2.12	0.6514	1.21	0.52	2.81	0.5296	1.35	0.53	3.39	0.3924	0.64	0.24	1.76	0.7771	0.86	0.31	2.38
PGR	rs1042838	0.2884	0.47	0.12	1.90	0.4789	0.60	0.15	2.44	0.7402	0.79	0.19	3.22	0.9827	1.02	0.25	4.18	0.9949	0.00	0.00	Inf	0.9955	0.00	0.00	Inf
PGR	rs660149	0.4817	1.24	0.68	2.23	0.3570	1.36	0.71	2.60	0.6461	1.27	0.46	3.48	0.3280	1.66	0.60	4.62	0.7247	1.14	0.55	2.37	0.7836	1.13	0.48	2.62
PGR	rs7116336	0.3099	0.36	0.05	2.58	0.4606	0.48	0.07	3.41	0.9962	0.00	0.00	Inf	0.9967	0.00	0.00	Inf	0.6844	1.51	0.21	10.84	0.4639	2.09	0.29	15.15
PGR	rs516693	0.2386	1.99	0.63	6.24	0.0948	2.66	0.84	8.38	0.0138	5.99	1.44	24.90	0.0042	8.15	1.94	34.29	0.8590	0.84	0.12	6.01	0.9107	1.12	0.16	8.09
PGR	rs11571171	0.1229	1.49	0.90	2.47	0.2018	1.46	0.82	2.60	0.3520	1.45	0.66	3.18	0.1133	1.91	0.86	4.24	0.2169	1.52	0.78	2.94	0.7605	1.14	0.49	2.64
PGR	rs506487	0.7158	0.91	0.54	1.53	0.4963	0.81	0.43	1.50	0.1124	0.44	0.16	1.21	0.1498	0.42	0.13	1.36	0.2881	1.40	0.75	2.58	0.6159	1.21	0.57	2.55
PGR	rs518162	0.4668	0.48	0.07	3.44	0.6553	0.64	0.09	4.58	0.9955	0.00	0.00	Inf	0.9960	0.00	0.00	Inf	0.9253	1.10	0.15	7.91	0.6839	1.51	0.21	10.90
SLC6A4	rs140700	0.9097	1.12	0.16	8.01	0.7195	1.43	0.20	10.27	0.3302	2.67	0.37	19.26	0.2254	3.40	0.47	24.67	0.9952	0.00	0.00	Inf	0.9958	0.00	0.00	Inf
SLC6A4	rs16965628	0.9937	0.00	0.00	Inf	0.9945	0.00	0.00	Inf	0.9962	0.00	0.00	Inf	0.9966	0.00	0.00	Inf	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
SLC6A4	rs25532	0.0401	2.56	1.04	6.27	0.0086	3.35	1.36	8.27	0.1216	2.51	0.78	8.06	0.0472	3.29	1.02	10.68	0.1382	2.92	0.71	12.00	0.0613	3.89	0.94	16.14
SLC6A4	rs25531	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00	NA	1.00	1.00	1.00
TCL1A	rs7158782	0.0534	0.32	0.10	1.02	0.1402	0.42	0.13	1.33	0.9951	0.00	0.00	Inf	0.9957	0.00	0.00	Inf	0.2176	0.48	0.15	1.53	0.4521	0.64	0.20	2.04
TCL1A	rs7159713	0.0327	0.22	0.05	0.88	0.0770	0.28	0.07	1.15	0.9951	0.00	0.00	Inf	0.9957	0.00	0.00	Inf	0.1217	0.33	0.08	1.34	0.2447	0.43	0.11	1.77
TCL1A	rs2369049	0.0327	0.22	0.05	0.88	0.0770	0.28	0.07	1.15	0.9951	0.00	0.00	Inf	0.9957	0.00	0.00	Inf	0.1217	0.33	0.08	1.34	0.2447	0.43	0.11	1.77
TCL1A	rs11849538	0.9921	0.00	0.00	Inf	0.9931	0.00	0.00	Inf	0.9962	0.00	0.00	Inf	0.9966	0.00	0.00	Inf	0.9954	0.00	0.00	Inf	0.9959	0.00	0.00	Inf
COMT	rs2097903	0.0555	0.66	0.43	1.01	0.0757	0.64	0.39	1.05	0.0129	0.39	0.19	0.82	0.0035	0.18	0.05	0.56	0.8918	0.96	0.57	1.64	0.4506	1.24	0.71	2.19