Labels	Red Males	Red Females	White Males	White Females	Scarlet Males	Scarlet Females	Totals
F1 RM WF	794	4139	3497	332	43	33	8838
Expected ratio	1	1	0	0	0	0	2
Expected values	4419	4419	0	0	0	0	8838
Chisq	2973.664856	17.74157049	0	0	0	0	2991.406427
Passed Chisq?	FALSE						
F2 RM WF	3072	3014	2287	1697	117	115	10302
Expected ratio	1	2	1	0	0	0	4
Expected values	2575.5	5151	2575.5	0	0	0	10302
Chisq	95.71432732	886.5791109	32.31692875	0	0	0	1014.610367
Passed Chisq?	FALSE						
F1 WM RF	3500	3716	221	86	56	73	7652
Expected ratio	0	1	1	0	0	0	2
Expected values	0	3826	3826	0	0	0	7652
Chisq	0	3.162571877	3396.765551	0	0	0	3399.928123
Passed Chisq?	FALSE						
F2 WM RF	3047	4432	2136	508	92	74	10289
Expected ratio	1	1	1	1	0	0	4
Expected values	2572.25	2572.25	2572.25	2572.25	0	0	10289
Chisq	87.62272816	1344.60883	73.98738945	1656.576174	0	0	3162.795121
Passed Chisq?	FALSE						
F1 RM SF	3133	3816	51	28	1086	330	8444
Expected ratio	0	1	0	0	1	0	2
Expected values	0	4222	0	0	4222	0	8444
Chisq	0	39.04216011	0	0	2329.345334	0	2368.387494
Passed Chisq?	FALSE						

F2 RM SF	4214	4037	65	50	1316	1245	10927
Expected ratio	1	1	0	0	1	1	4
Expected values	2731.75	2731.75	0	0	2731.75	2731.75	10927
Chisq	804.2701794	623.6579345	0	0	733.7230942	809.1610003	2970.812208
Passed Chisq?	FALSE						
F1 SM RF	4505	4447	3	1	322	381	9659
Expected ratio	1	1	0	0	0	0	2
Expected values	4829.5	4829.5	0	0	0	0	9659
Chisq	21.80355109	30.29428512	0	0	0	0	52.09783621
Passed Chisq?	FALSE						
F2 SM RF	4262	4301	53	31	1440	1246	11333
Expected ratio	1	2	0	0	1	0	4
Expected values	2833.25	5666.5	0	0	2833.25	0	11333
Chisq	720.4893894	329.0550163	0	0	685.1303494	0	1734.674755