

TABLE VI CHI SQUARE TEST OF KNOWN VS UNKNOWN
ON THE BASIS OF LIGHT BRIGHTNESS

Light Brightness	Number of KNOWN	Adjusted Number of KNOWN (K)	Number of UNKNOWN (U)	χ^2 $\frac{(K-U)^2}{K}$
Sunlight on mirror	47	31	14	0.82
Sunlight on aluminum	151	37	28	2.19
Sunlight on plaster, sheet, or wall	36	19	16	0.47
Brighter than moon	273	67	11	0.56
Like moon or duller than moon	68	17	22	1.47
Not stated	1150	283	293	0.35
Total	1765	434	434	5.85
Degrees of freedom				5
5%				11.1
1%				15.1

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