

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

Light Brightness	Number of KNOWN	Adjusted Number of KNOWN (a)	Number of UNKNOWN (c)	$\frac{N^2}{(Row) \cdot (Col)}$
Sunlight on mirror	24	8	24	2.67
Sunlight on aluminum	136	48	28	
Sunlight on plaster, stone, or soil	63	21	56	1.19
Brighter than moon	149	48	51	3.52
Like moon or duller than moon	40	35	22	3.27
Not stated	878	276	293	8.03
Total	1289	438	434	18.68
Degrees of freedom				4
5%				9.4
1%				13.3

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