



Summary Table 1.2

Time of Day Reporting Chi-Squared Analysis Domain-by-Domain		Phase Reporting		Expected Values (Row_sum*Column_Sum) /Table_sum		Chi-Squared Terms (O-E) <sup>2</sup> /E				
Domain	Year	Sufficient	Insufficient	Sufficient	Insufficient	Sufficient	Insufficient	X <sup>2</sup>	P	Different Reporting?
Behavioral Sciences	2015	12	38	10	40	0.4	0.1	1	0.31731051	No p > 0.05
	2019	8	42	10	40	0.4	0.1			
Biology	2015	3	47	5	45	0.8	0.08888889	1.77777778	0.18242244	No p > 0.05
	2019	7	43	5	45	0.8	0.08888889			
Cardiac and Cardiovascular Systems	2015	0	50	Chi-squared not possible, column with zeros						
	2019	0	50	Chi-squared not possible, column with zeros						
Endocrinology and Metabolism	2015	1	49	4	46	2.25	0.19565217	4.89130435	0.02699229	* Yes p < 0.05
	2019	7	43	4	46	2.25	0.19565217			
Immunology	2015	0	50	Chi-squared not possible, column with zeros						
	2019	0	50	Chi-squared not possible, column with zeros						
Neuroscience	2015	6	44	7	43	0.14285714	0.02325581	0.33222591	0.56435132	No p > 0.05
	2019	8	42	7	43	0.14285714	0.02325581			
Oncology	2015	0	50	Chi-squared not possible, column with zeros						
	2019	0	50	Chi-squared not possible, column with zeros						
Pharmacology and Pharmacy	2015	3	47	2	48	0.5	0.02083333	1.04166667	0.30743417	No p > 0.05
	2019	1	49	2	48	0.5	0.02083333			
Physiology	2015	1	49	0.5	49.5	0.5	0.00505051	1.01010101	0.31487864	No p > 0.05
	2019	0	50	0.5	49.5	0.5	0.00505051			
Reproductive Biology	2015	1	49	2	48	0.5	0.02083333	1.04166667	0.30743417	No p > 0.05
	2019	3	47	2	48	0.5	0.02083333			
Time of Day Reporting Chi-Squared Analysis Domain-by-Domain		Phase Reporting		Expected Values (Row_sum*Column_Sum) /Table_sum		Chi-Squared Terms (O-E) <sup>2</sup> /E				
Domain	Year	Sufficient	Insufficient	Sufficient	Insufficient	Sufficient	Insufficient	X <sup>2</sup>	P	Different Reporting?
Overall	2015	27	473	30.5	469.5	0.40163934	0.02609159	0.85546186	0.35501178	No p > 0.05
	2019	34	466	30.5	469.5	0.40163934	0.02609159			

Summary Table 1.3

Light-Cycle Reporting Chi-Squared Analysis Domain-by-Domain		Phase Reporting		Expected Values (Row_sum*Column_Sum) /Table_sum		Chi-Squared Terms (O-E) <sup>2</sup> /E				
Domain	Year	Sufficient	Insufficient	Sufficient	Insufficient	Sufficient	Insufficient	X <sup>2</sup>	P	Different Reporting?
Behavioral Sciences	2015	43	7	45	5	0.08888889	0.8	1.77777778	0.18242244	No
	2019	47	3	45	5	0.08888889	0.8			p > 0.05
Biology	2015	15	35	19.5	30.5	1.03846154	0.66393443	3.40479193	0.06500731	No
	2019	24	26	19.5	30.5	1.03846154	0.66393443			p > 0.05
Cardiac and Cardiovascular Systems	2015	4	46	7	43	1.28571429	0.20930233	2.99003322	0.08377845	No
	2019	10	40	7	43	1.28571429	0.20930233			p > 0.05
Endocrinology and Metabolism	2015	23	27	28	22	0.89285714	1.13636364	4.05844156	0.04395104	* Yes
	2019	33	17	28	22	0.89285714	1.13636364			p < 0.05
Immunology	2015	3	47	4	46	0.25	0.02173913	0.54347826	0.46099479	No
	2019	5	45	4	46	0.25	0.02173913			p > 0.05
Neuroscience	2015	21	29	24	26	0.375	0.34615385	1.44230769	0.22976627	No
	2019	27	23	24	26	0.375	0.34615385			p > 0.05
Oncology	2015	0	50	0.5	49.5	0.5	0.00505051	1.01010101	0.31487864	No
	2019	1	49	0.5	49.5	0.5	0.00505051			p > 0.05
Pharmacology	2015	21	29	21.5	28.5	0.01162791	0.00877193	0.04079967	0.8399251	No
	2019	22	28	21.5	28.5	0.01162791	0.00877193			p > 0.05
Physiology	2015	23	27	19	31	0.84210526	0.51612903	2.71646859	0.09931753	No
	2019	15	35	19	31	0.84210526	0.51612903			p > 0.05
Reproductive Biology	2015	12	38	12	38	0	0	0	1	No
	2019	12	38	12	38	0	0			p > 0.05
Light-Cycle Reporting Chi-Squared Analysis Domain-by-Domain		Phase Reporting		Expected Values (Row_sum*Column_Sum) /Table_sum		Chi-Squared Terms (O-E) <sup>2</sup> /E				
Domain	Year	Sufficient	Insufficient	Sufficient	Insufficient	Sufficient	Insufficient	X <sup>2</sup>	P	Different Reporting?
Overall	2015	165	335	180.5	319.5	1.33102493	0.75195618	4.16596222	0.04124398	* Yes
	2019	196	304	180.5	319.5	1.33102493	0.75195618			p < 0.05