▼File: C:\Users\17089\Documents\joel\papers\stan\confetti-mice\Experiment-1\density-data\density-bigfile-modified.syz

Number of Variables : 24
Number of Cases : 53377

SYSTAT Rectangular file C:\Users\17089\Documents\joel\papers\stan\confetti-mice\Experiment-1\density-data\density-bigfile-modified.syz, Created data file Thu Feb 16 17:40:06 2023 containing variables:

MOUSE$	MONTH$	MONTH	UV$	UV	REPLICATE$
REPLICATE	COLOR$	STRUCTURE	HOTSPOTS	VOLUME	DENSITY
MINDENSITY	MAXDENSITY	DENSE	MINDENSE	MAXDENSE	MINEDGE
MAXEDGE	LVNOLUME	LN2VOLUME	MMONTH	DIVISIONS	INTEGERDIVISION-S

▼Fitting Discrete Distribution

Results for MONTH = 1.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

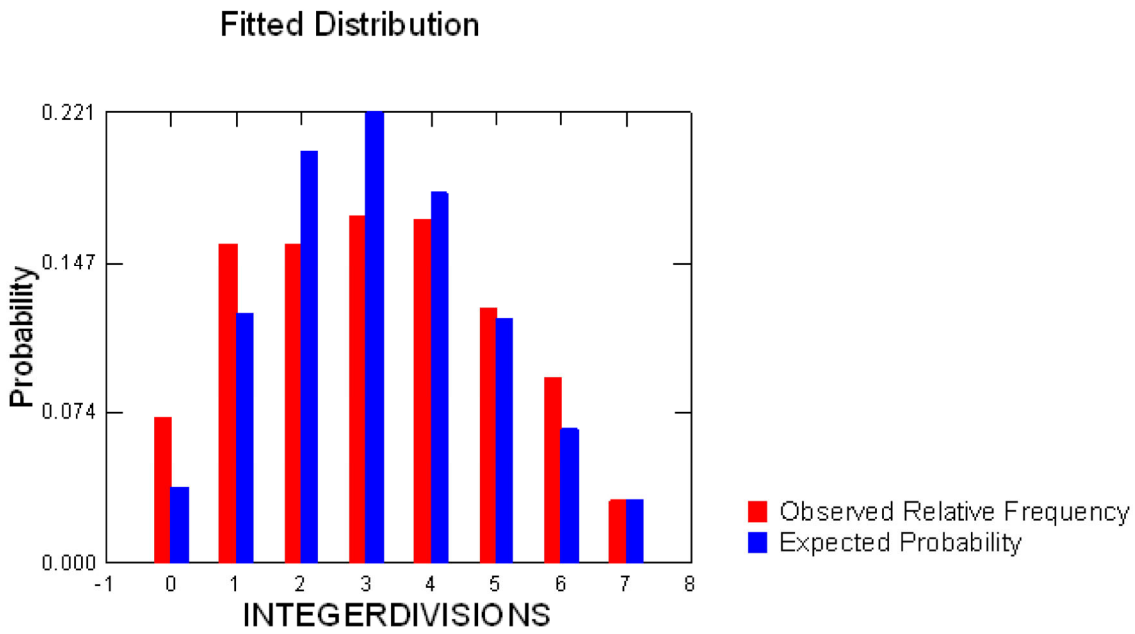
Mean (lambda) : 3.289

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	129	67.286
1	1	283	221.292
2	2	282	363.893
3	3	307	398.924
4	4	304	327.995
5	5	226	215.742
6	6	164	118.256
7	7	55	55.560
8	8	42	22.841
9	.	12	12.211
		1,804	1,804.000

Chi-Square Test Statistic : 149.440
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.068
p-Value : 0.000

Results for MONTH = 1.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

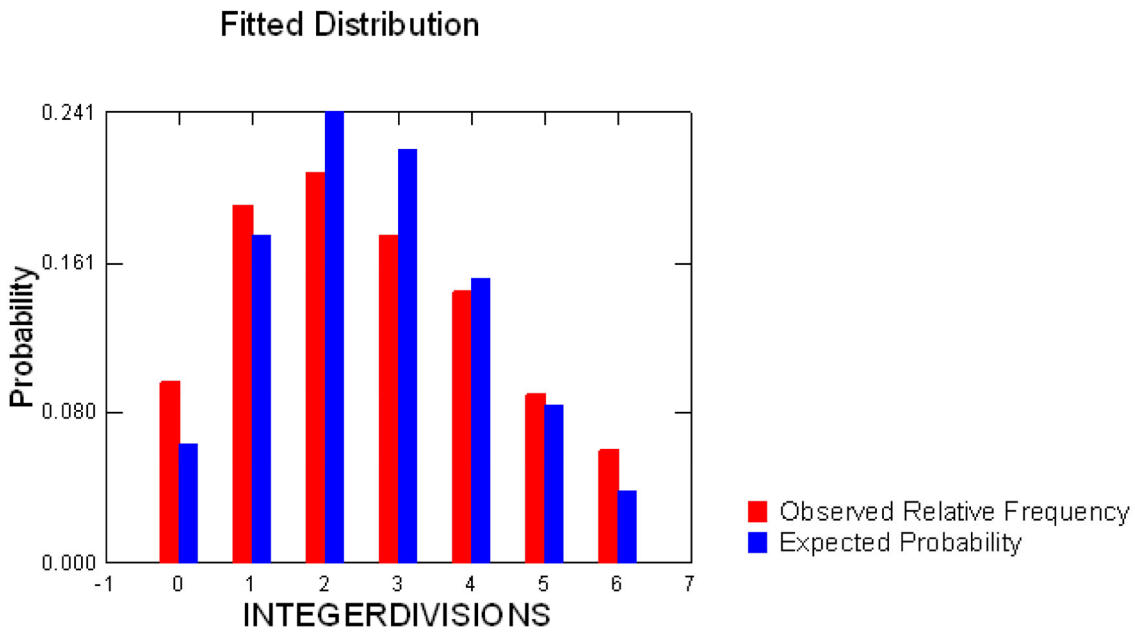
Mean (lambda) : 2.755

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	168	110.261
1	1	332	303.742
2	2	363	418.368
3	3	305	384.168
4	4	252	264.573
5	5	157	145.767
6	6	105	66.926
7	7	32	26.338
8	.	19	12.857
		1,733	1,733.000

Chi-Square Test Statistic : 83.783
Degrees of Freedom : 7
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.050
p-Value : 0.000

Results for MONTH = 2.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

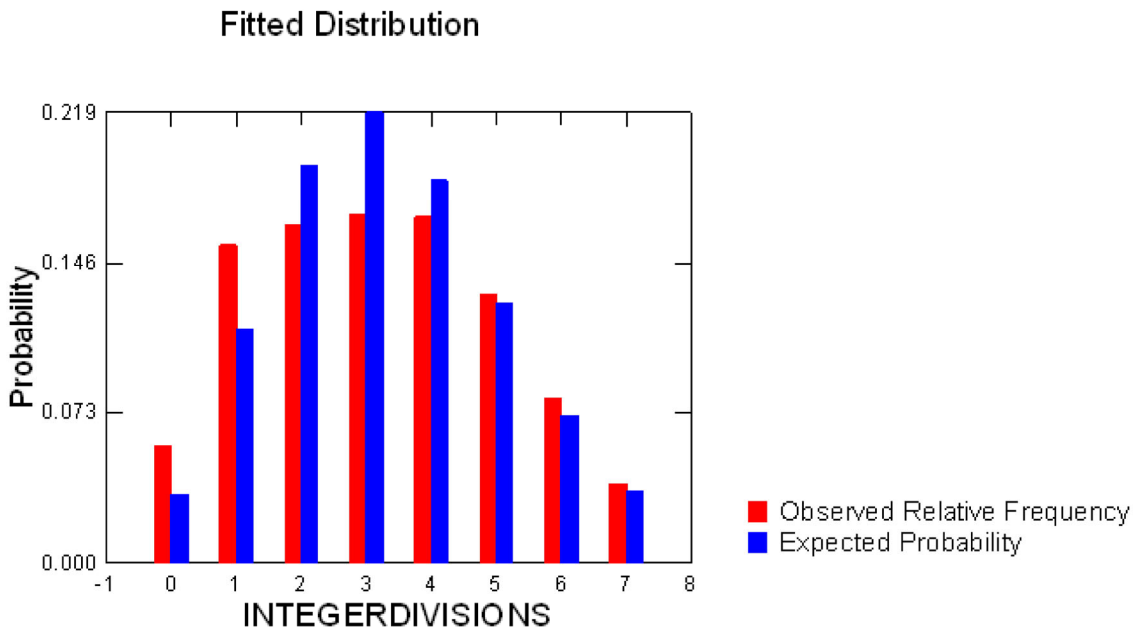
Mean (lambda) : 3.397

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	80	47.010
1	1	217	159.679
2	2	230	271.193
3	3	238	307.056
4	4	236	260.746
5	5	183	177.137
6	6	112	100.281
7	7	54	48.661
8	8	27	20.661
9	.	27	11.575
		1,404	1,404.000

Chi-Square Test Statistic : 92.514
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.064
p-Value : 0.000

Results for MONTH = 2.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

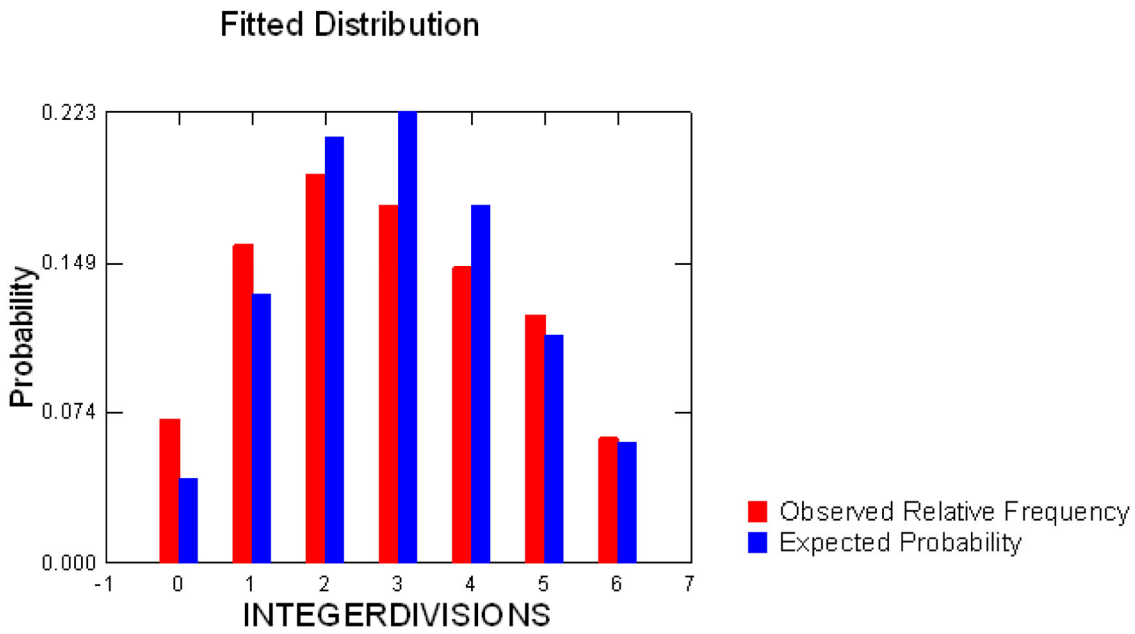
Mean (lambda) : 3.176

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	100	58.779
1	1	222	186.691
2	2	271	296.478
3	3	249	313.885
4	4	206	249.235
5	5	173	158.321
6	6	87	83.808
7	7	60	38.027
8	8	31	15.097
9	.	9	7.679
		1,408	1,408.000

Chi-Square Test Statistic : 89.846
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.054
p-Value : 0.000

Results for MONTH = 3.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

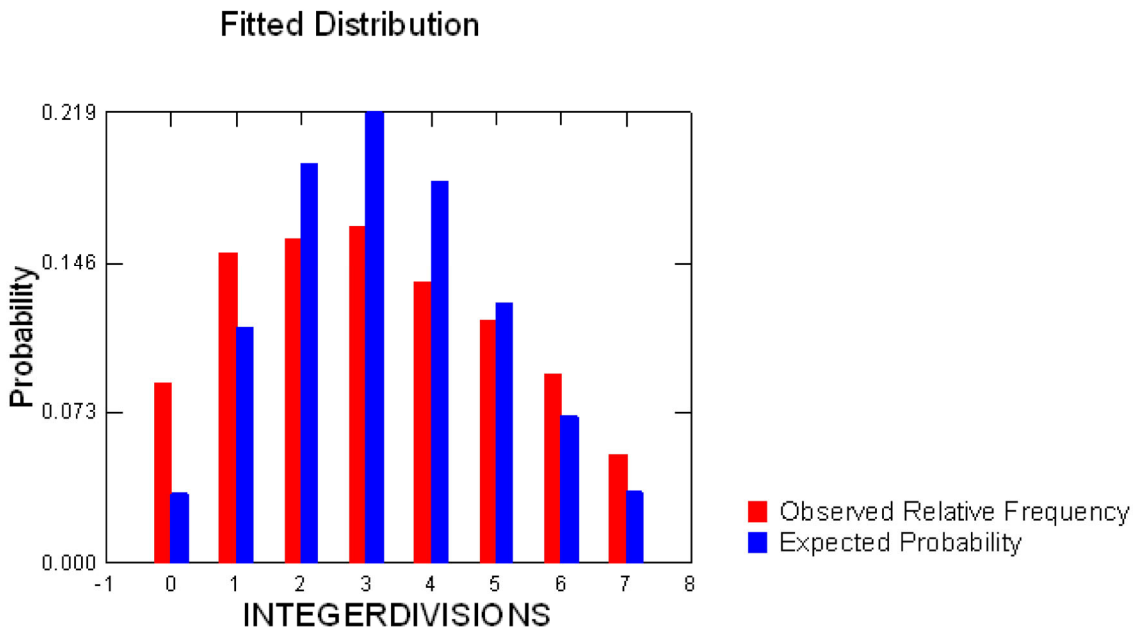
Mean (lambda) : 3.391

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	93	35.724
1	1	160	121.146
2	2	167	205.411
3	3	173	232.192
4	4	145	196.849
5	5	125	133.509
6	6	97	75.458
7	7	56	36.555
8	8	24	15.496
9	.	21	8.660
		1,061	1,061.000

Chi-Square Test Statistic : 179.504
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.091
p-Value : 0.000

Results for MONTH = 3.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

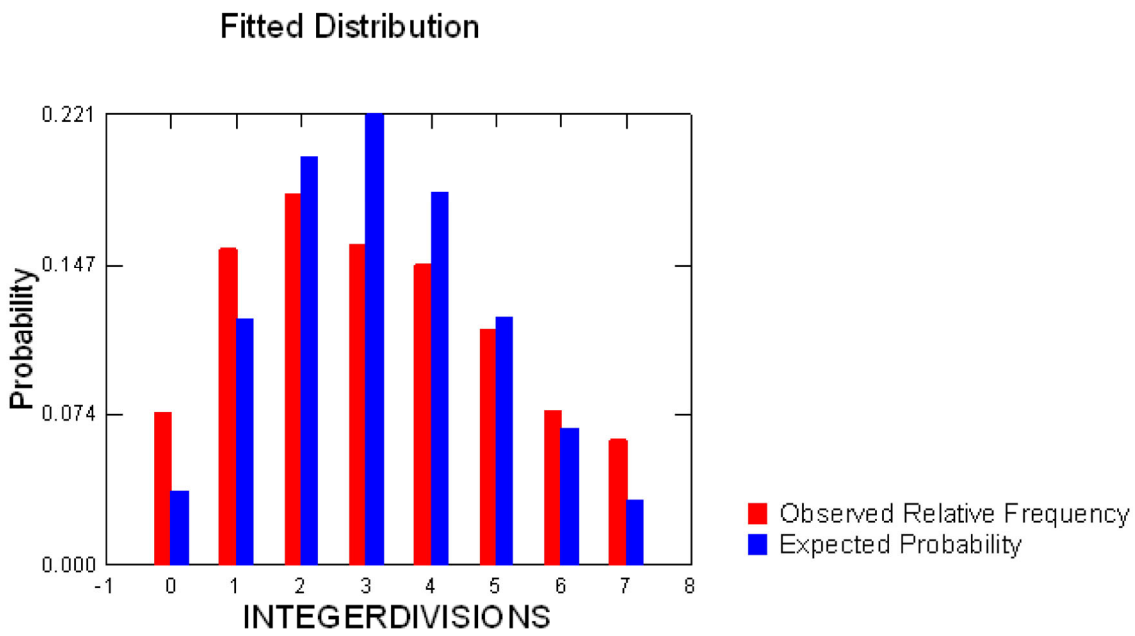
Mean (lambda) : 3.314

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	87	42.686
1	1	182	141.473
2	2	213	234.443
3	3	184	259.006
4	4	173	214.606
5	5	135	142.254
6	6	88	78.579
7	7	72	37.205
8	8	31	15.414
9	.	9	8.333
		1,174	1,174.000

Chi-Square Test Statistic : 139.218
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.072
p-Value : 0.000

Results for MONTH = 4.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

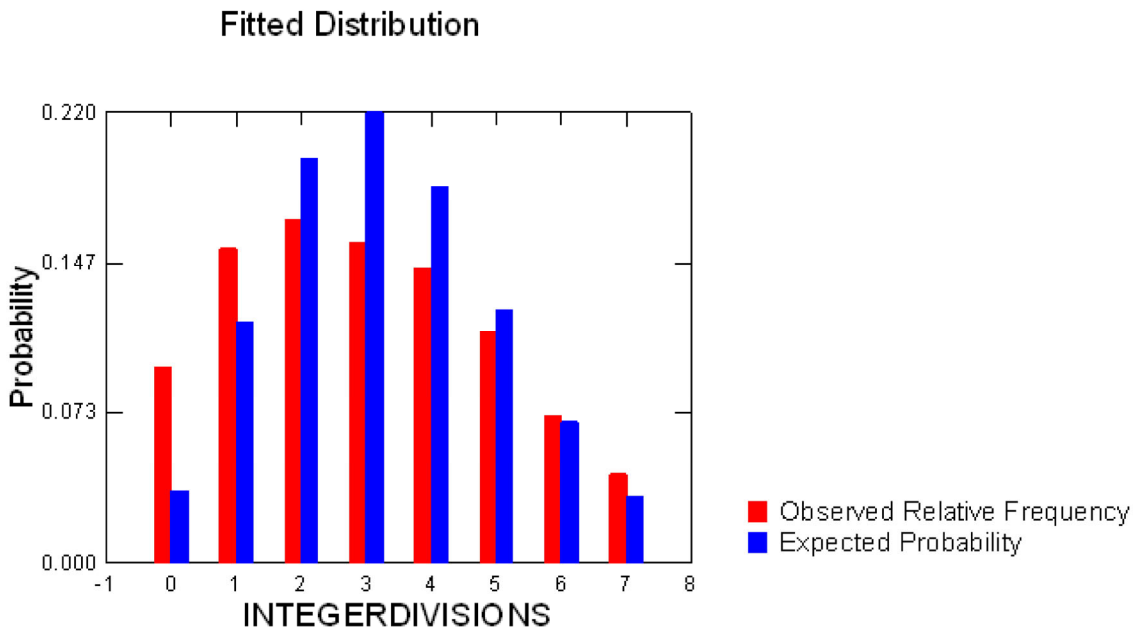
Mean (lambda) : 3.346

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	108	39.911
1	1	174	133.540
2	2	190	223.411
3	3	177	249.177
4	4	163	208.436
5	5	127	139.484
6	6	81	77.785
7	7	49	37.181
8	8	26	15.551
9	.	38	8.524
		1,133	1,133.000

Chi-Square Test Statistic : 278.194
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.096
p-Value : 0.000

Results for MONTH = 4.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

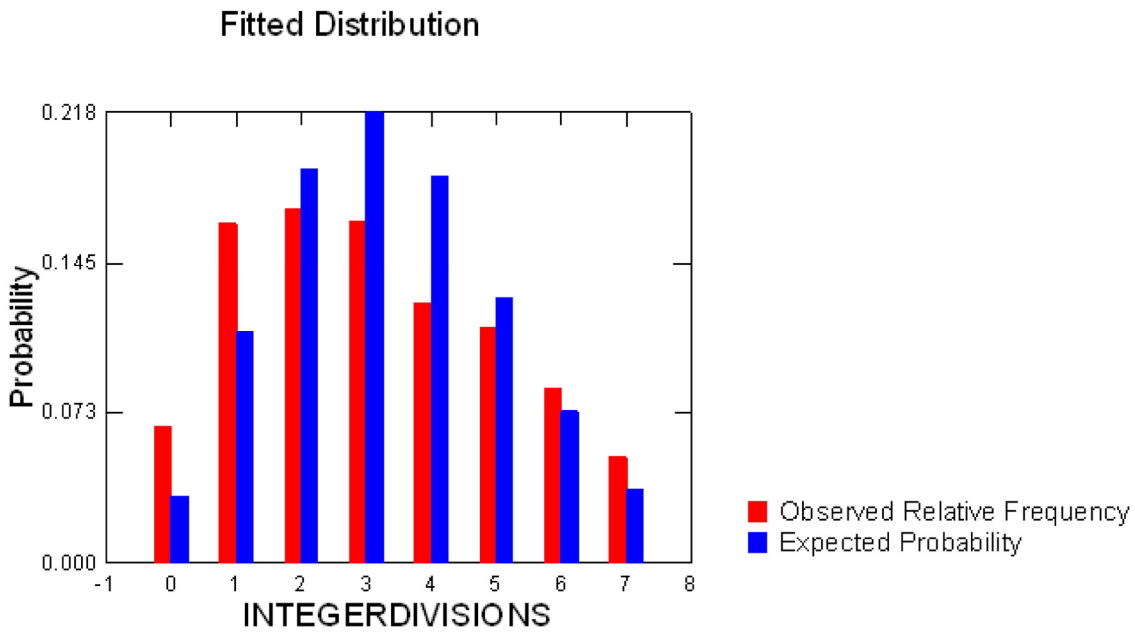
Mean (lambda) : 3.429

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	72	35.324
1	1	179	121.140
2	2	186	207.716
3	3	180	237.445
4	4	137	203.571
5	5	124	139.623
6	6	92	79.803
7	7	56	39.096
8	8	45	16.759
9	.	19	9.522
		1,090	1,090.000

Chi-Square Test Statistic : 171.595
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.087
p-Value : 0.000

Results for MONTH = 5.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

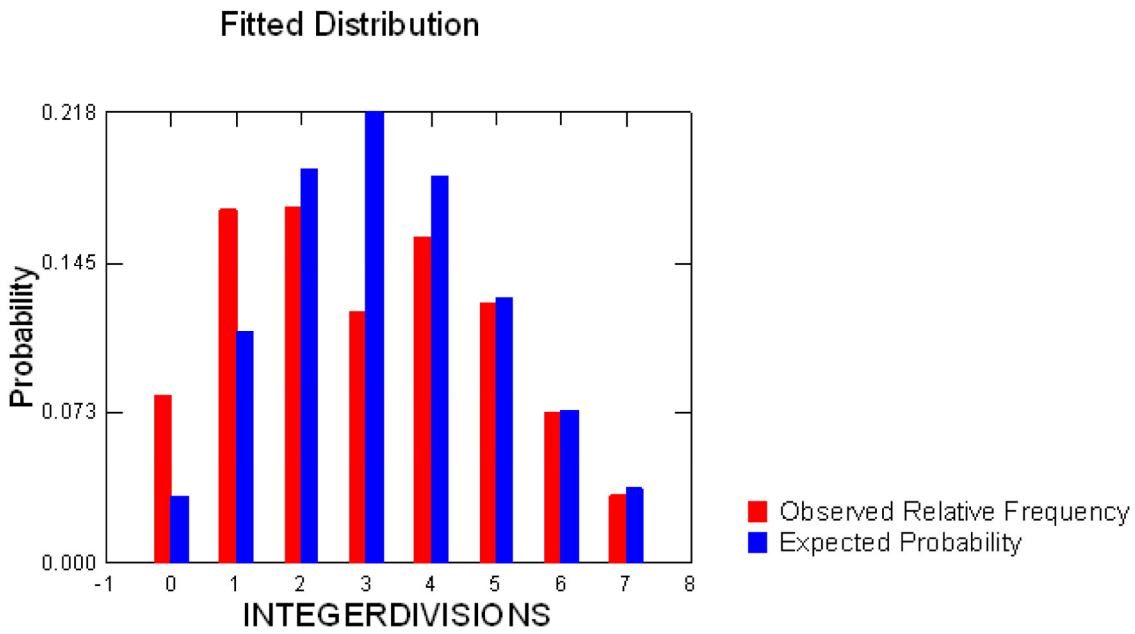
Mean (lambda) : 3.433

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	69	27.615
1	1	146	94.795
2	2	147	162.703
3	3	104	186.173
4	4	135	159.771
5	5	107	109.691
6	6	62	62.757
7	7	28	30.776
8	8	17	13.206
9	.	40	7.513
		855	855.000

Chi-Square Test Statistic : 273.189
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.108
p-Value : 0.000

Results for MONTH = 5.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

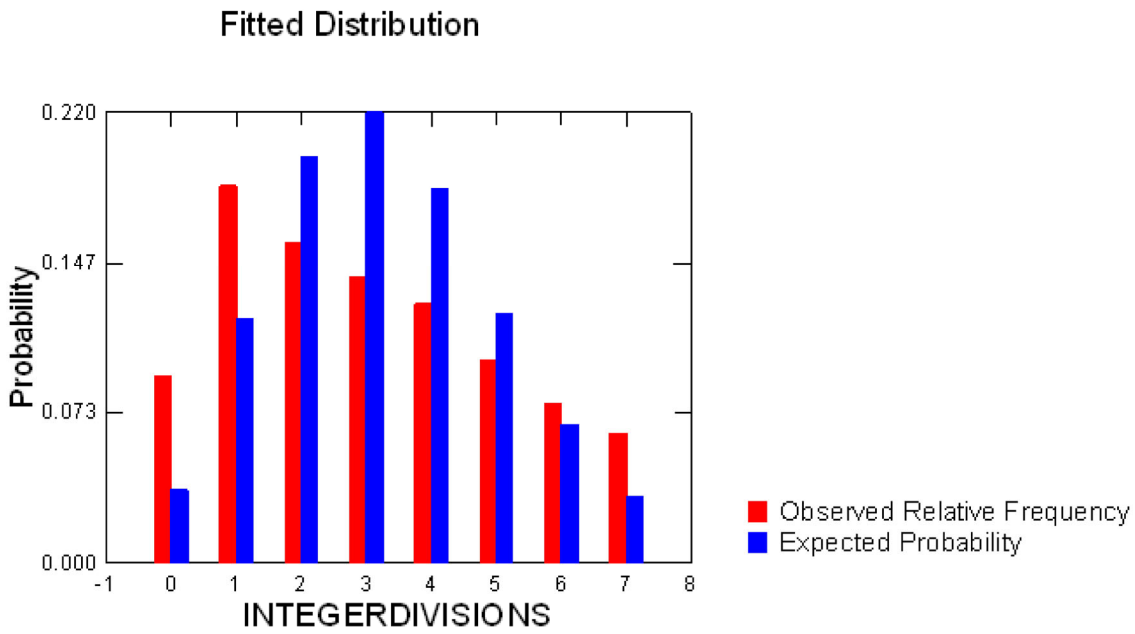
Mean (lambda) : 3.330

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	96	37.815
1	1	195	125.906
2	2	166	209.604
3	3	148	232.629
4	4	134	193.637
5	5	104	128.945
6	6	82	71.555
7	7	67	34.035
8	8	49	14.165
9	.	15	7.709
		1,056	1,056.000

Chi-Square Test Statistic : 316.515
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.121
p-Value : 0.000

Results for MONTH = 6.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

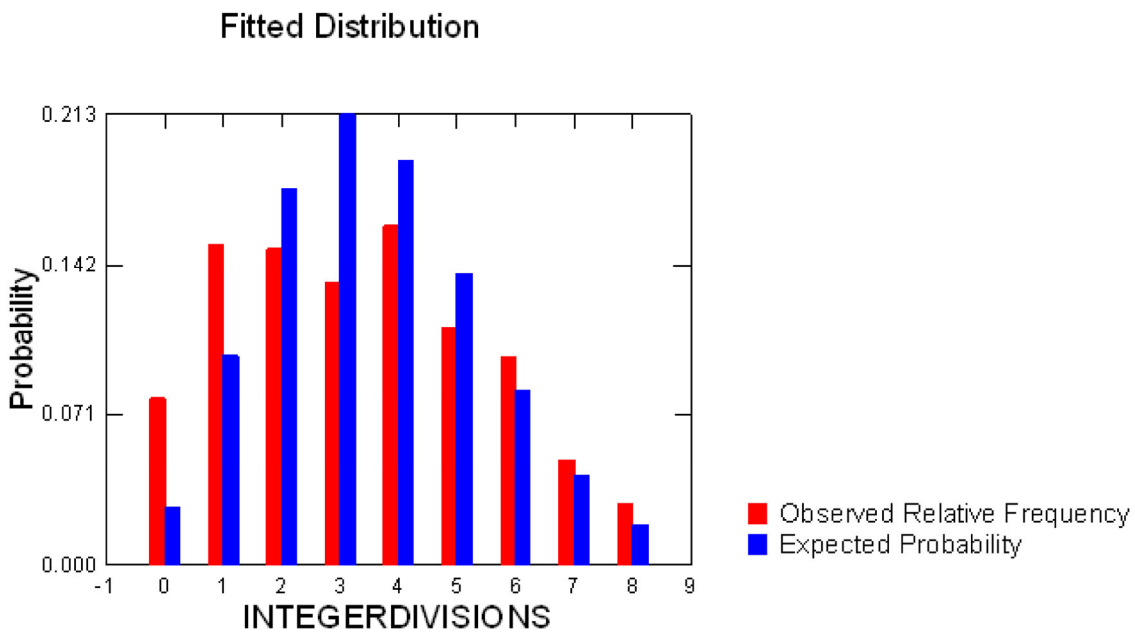
Mean (lambda) : 3.595

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	81	28.264
1	1	156	101.602
2	2	154	182.617
3	3	137	218.821
4	4	165	196.652
5	5	115	141.383
6	6	101	84.706
7	7	51	43.500
8	8	30	19.546
9	.	39	11.907
		1,029	1,029.000

Chi-Square Test Statistic : 244.283
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.104
p-Value : 0.000

Results for MONTH = 6.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

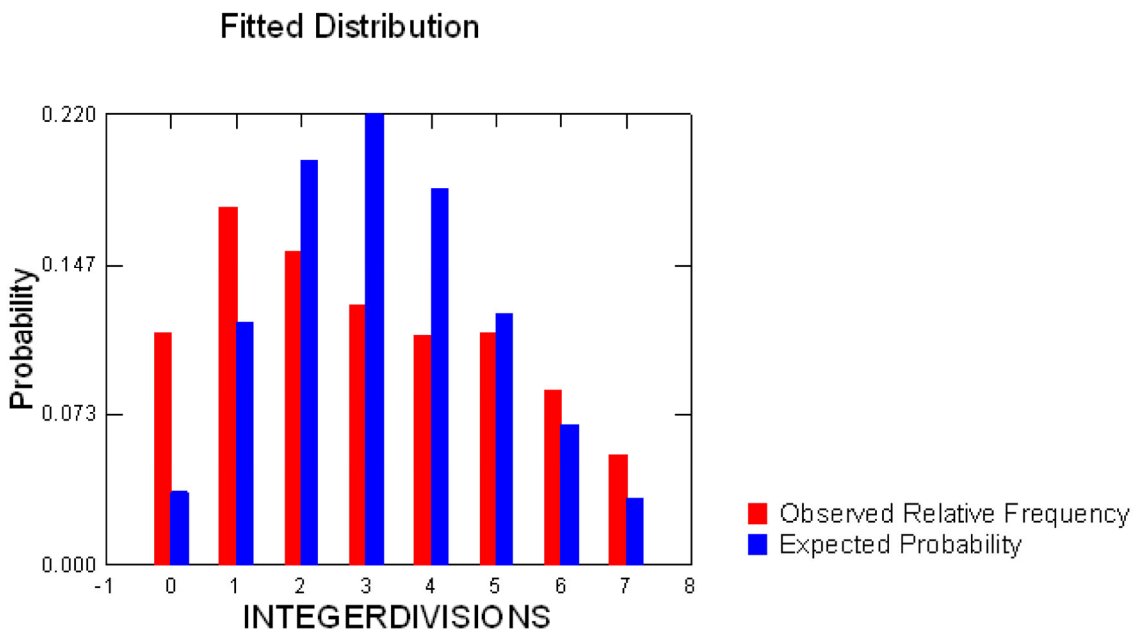
Mean (lambda) : 3.339

Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	88	27.588
1	1	136	92.127
2	2	119	153.821
3	3	99	171.220
4	4	87	142.940
5	5	88	95.465
6	6	66	53.131
7	7	42	25.346
8	8	31	10.580
9	.	22	5.782
		778	778.000

Chi-Square Test Statistic : 312.959
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic	: 0.134
p-Value	: 0.000

▼Descriptive Statistics

Results for MONTH = 1.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISIONS
N of Cases	1,804
Minimum	0.000
Maximum	11.000
Median	3.000
Arithmetic Mean	3.289
Mode	3.000
Standard Deviation	2.046
Coefficient of Variation	0.622
Skewness (G1)	0.395
Standard Error of Skewness	0.058
Kurtosis (G2)	-0.316
Standard Error of Kurtosis	0.115

Results for MONTH = 1.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISIONS
N of Cases	1,733
Minimum	0.000
Maximum	9.000

Median	3.000
Arithmetic Mean	2.755
Mode	2.000
Standard Deviation	1.851
Coefficient of Variation	0.672
Skewness (G1)	0.527
Standard Error of Skewness	0.059
Kurtosis (G2)	-0.265
Standard Error of Kurtosis	0.118

Results for MONTH = 2.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,404
Minimum	0.000
Maximum	11.000
Median	3.000
Arithmetic Mean	3.397
Mode	3.000
Standard Deviation	2.105
Coefficient of Variation	0.620
Skewness (G1)	0.542
Standard Error of Skewness	0.065
Kurtosis (G2)	0.006
Standard Error of Kurtosis	0.131

Results for MONTH = 2.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,408
Minimum	0.000
Maximum	10.000
Median	3.000
Arithmetic Mean	3.176
Mode	2.000
Standard Deviation	2.025
Coefficient of Variation	0.637
Skewness (G1)	0.508
Standard Error of Skewness	0.065
Kurtosis (G2)	-0.280
Standard Error of Kurtosis	0.130

Results for MONTH = 3.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,061
Minimum	0.000
Maximum	13.000

Median	3.000
Arithmetic Mean	3.391
Mode	3.000
Standard Deviation	2.300
Coefficient of Variation	0.678
Skewness (G1)	0.631
Standard Error of Skewness	0.075
Kurtosis (G2)	0.259
Standard Error of Kurtosis	0.150

Results for MONTH = 3.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,174
Minimum	0.000
Maximum	12.000
Median	3.000
Arithmetic Mean	3.314
Mode	2.000
Standard Deviation	2.147
Coefficient of Variation	0.648
Skewness (G1)	0.467
Standard Error of Skewness	0.071
Kurtosis (G2)	-0.415
Standard Error of Kurtosis	0.143

Results for MONTH = 4.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,133
Minimum	0.000
Maximum	12.000
Median	3.000
Arithmetic Mean	3.346
Mode	2.000
Standard Deviation	2.394
Coefficient of Variation	0.716
Skewness (G1)	0.822
Standard Error of Skewness	0.073
Kurtosis (G2)	0.635
Standard Error of Kurtosis	0.145

Results for MONTH = 4.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,090
Minimum	0.000
Maximum	10.000

Median	3.000
Arithmetic Mean	3.429
Mode	2.000
Standard Deviation	2.261
Coefficient of Variation	0.659
Skewness (G1)	0.527
Standard Error of Skewness	0.074
Kurtosis (G2)	-0.450
Standard Error of Kurtosis	0.148

Results for MONTH = 5.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	855
Minimum	0.000
Maximum	13.000
Median	3.000
Arithmetic Mean	3.433
Mode	2.000
Standard Deviation	2.484
Coefficient of Variation	0.724
Skewness (G1)	0.943
Standard Error of Skewness	0.084
Kurtosis (G2)	1.007
Standard Error of Kurtosis	0.167

Results for MONTH = 5.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,056
Minimum	0.000
Maximum	10.000
Median	3.000
Arithmetic Mean	3.330
Mode	1.000
Standard Deviation	2.351
Coefficient of Variation	0.706
Skewness (G1)	0.499
Standard Error of Skewness	0.075
Kurtosis (G2)	-0.670
Standard Error of Kurtosis	0.150

Results for MONTH = 6.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	1,029
Minimum	0.000
Maximum	12.000

Median	3.000
Arithmetic Mean	3.595
Mode	4.000
Standard Deviation	2.443
Coefficient of Variation	0.680
Skewness (G1)	0.646
Standard Error of Skewness	0.076
Kurtosis (G2)	0.140
Standard Error of Kurtosis	0.152

Results for MONTH = 6.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH = 6)

	INTEGERDIVISION-S
N of Cases	778
Minimum	0.000
Maximum	10.000
Median	3.000
Arithmetic Mean	3.339
Mode	1.000
Standard Deviation	2.453
Coefficient of Variation	0.735
Skewness (G1)	0.515
Standard Error of Skewness	0.088
Kurtosis (G2)	-0.614
Standard Error of Kurtosis	0.175

▼Fitting Discrete Distribution

▼Fitting Discrete Distribution

Results for MONTH = 1.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

Mean (lambda) : 3.235

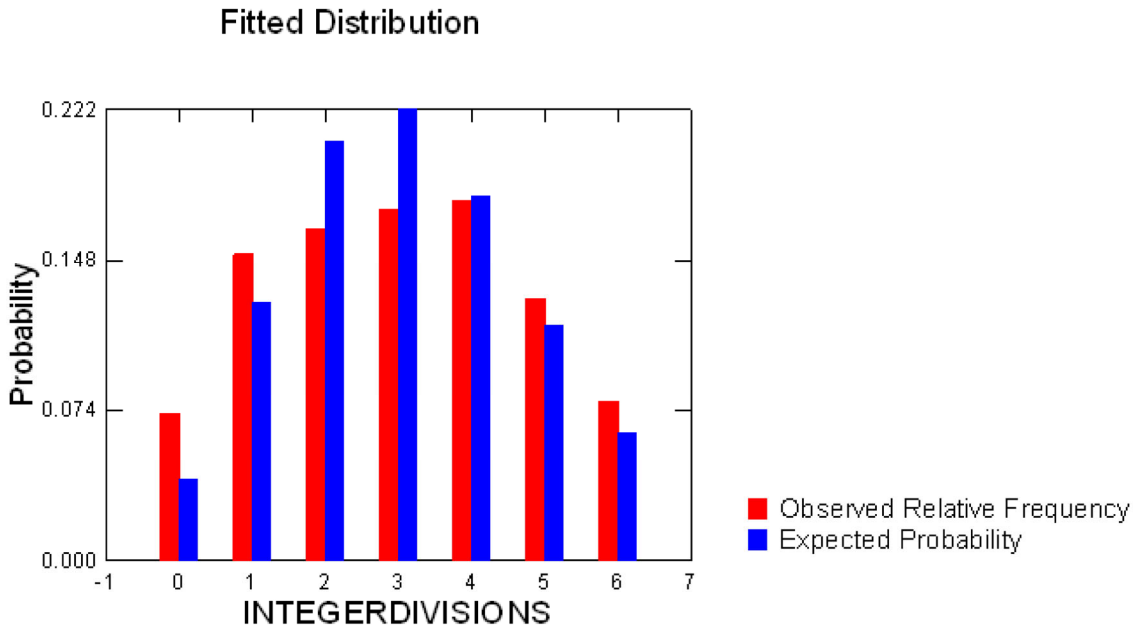
Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	385	208.763
1	1	802	675.431
2	2	867	1,092.642
3	3	917	1,178.376
4	4	940	953.127
5	5	685	616.748
6	6	416	332.571
7	7	183	153.714
8	8	89	62.166
9	9	15	22.348

10	.	7	10.115
		5,306	5,306.000

Chi-Square Test Statistic : 326.271
Degrees of Freedom : 9
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.057
p-Value : 0.000

Results for MONTH = 1.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

Mean (lambda) : 2.741

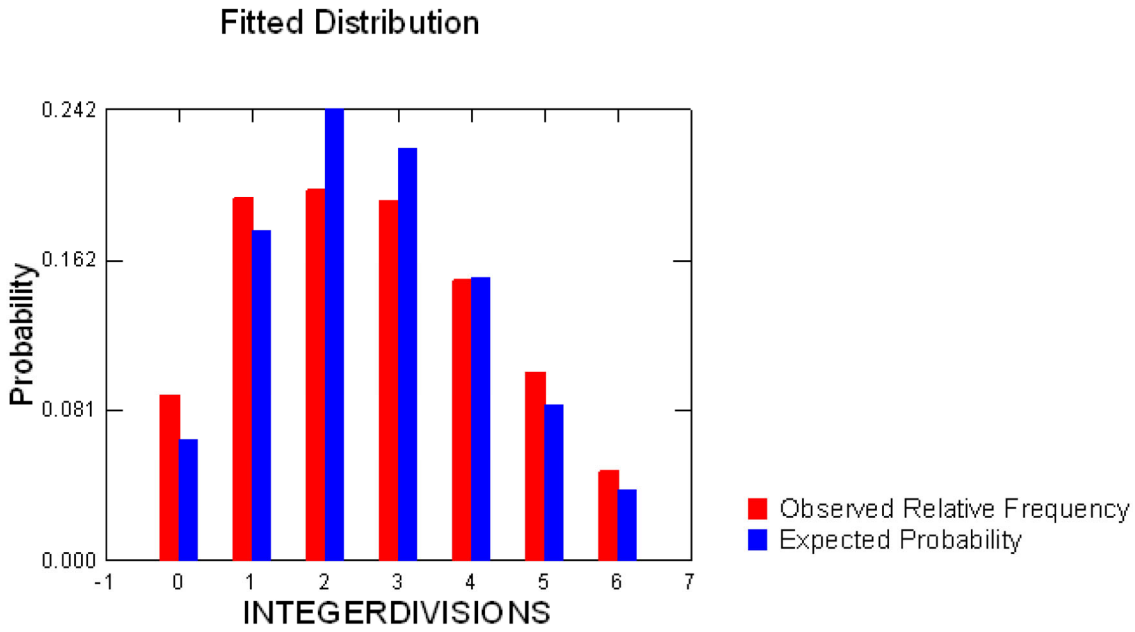
Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	502	362.724
1	1	1,096	994.348
2	2	1,122	1,362.920
3	3	1,086	1,245.406
4	4	847	853.518
5	5	570	467.956
6	6	269	213.804
7	7	100	83.730
8	8	28	28.691

9	.	5	11.904
		5,625	5,625.000

Chi-Square Test Statistic : 170.594
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.043
p-Value : 0.000

Results for MONTH = 2.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

Mean (lambda) : 3.264

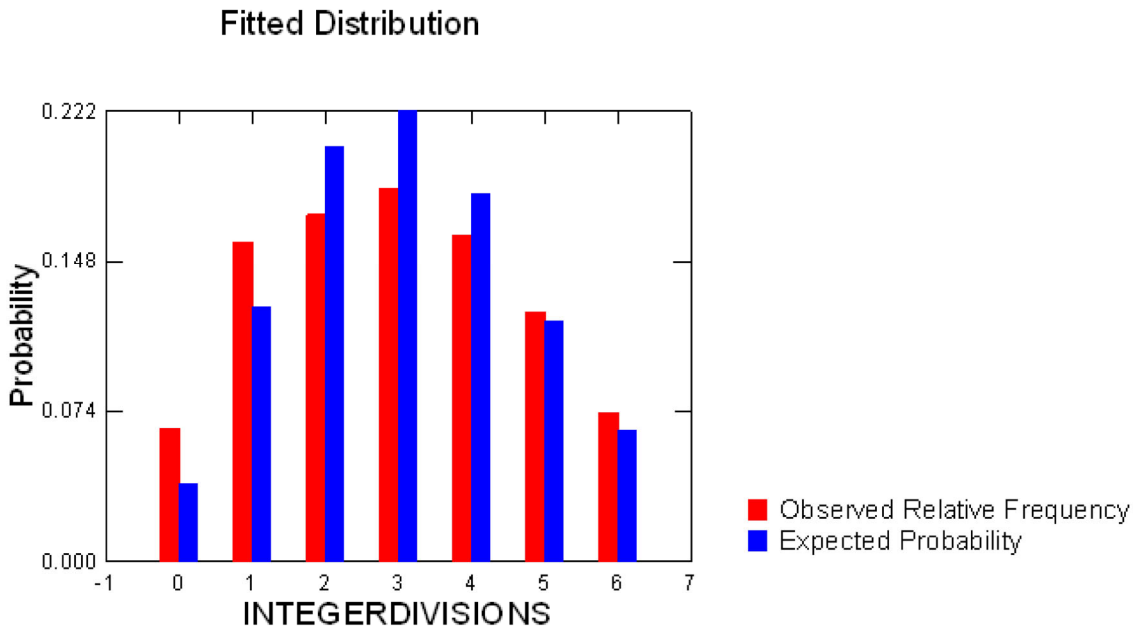
Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	238	138.933
1	1	571	453.529
2	2	619	740.243
3	3	668	805.477
4	4	583	657.345
5	5	447	429.164
6	6	266	233.492
7	7	132	108.886
8	8	55	44.431

9	9	37	16.115
10	.	19	7.385
		3,635	3,635.000

Chi-Square Test Statistic : 210.821
Degrees of Freedom : 9
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.060
p-Value : 0.000

Results for MONTH = 2.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

Mean (lambda) : 2.938

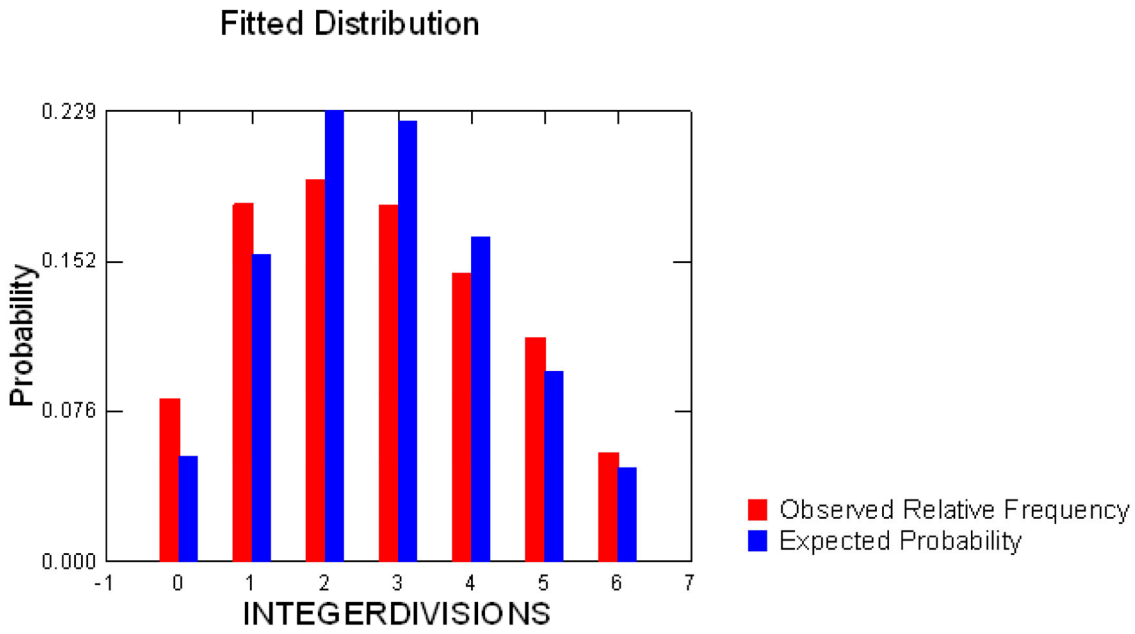
Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	338	217.275
1	1	743	638.316
2	2	796	937.629
3	3	741	918.195
4	4	600	674.373
5	5	466	396.237
6	6	227	194.012
7	7	134	81.425

8	8	45	29.901
9	.	11	13.635
		4,101	4,101.000

Chi-Square Test Statistic : 208.009
Degrees of Freedom : 8
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.055
p-Value : 0.000

Results for MONTH = 3.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

Mean (lambda) : 3.306

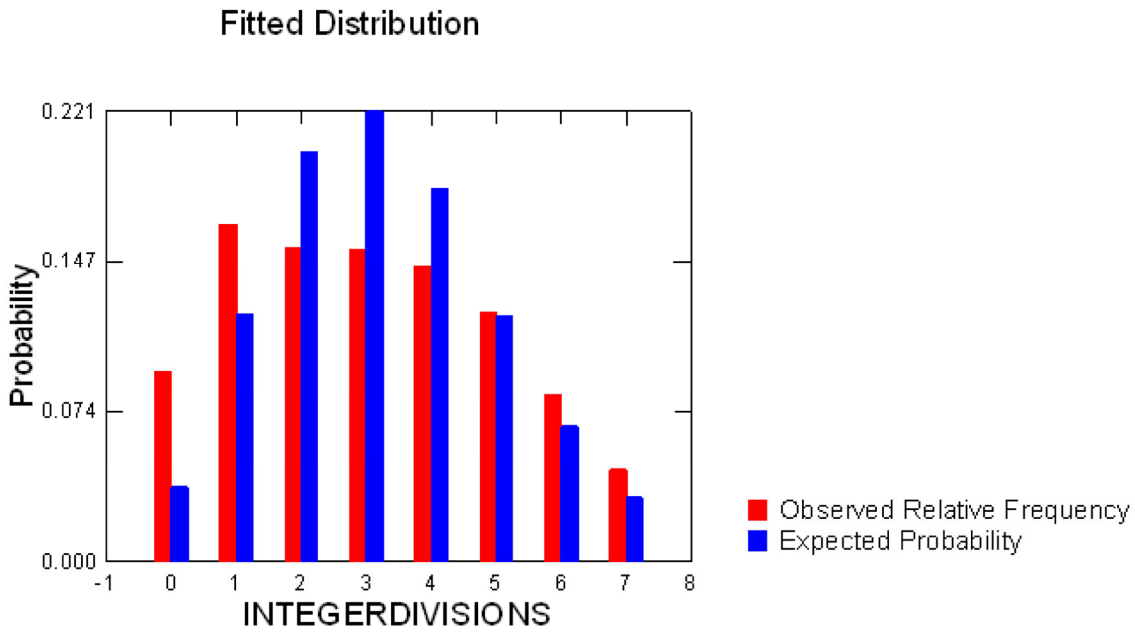
Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	266	105.159
1	1	473	347.609
2	2	440	574.518
3	3	438	633.032
4	4	415	523.129
5	5	350	345.845
6	6	235	190.535
7	7	129	89.974

8	8	57	37.177
9	9	29	13.654
10	.	35	6.367
		2,867	2,867.000

Chi-Square Test Statistic : 589.103
Degrees of Freedom : 9
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.100
p-Value : 0.000

Results for MONTH = 3.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

Variable Name : INTEGERDIVISIONS
Distribution : Poisson

Estimated Parameter(s)

Mean (lambda) : 3.152

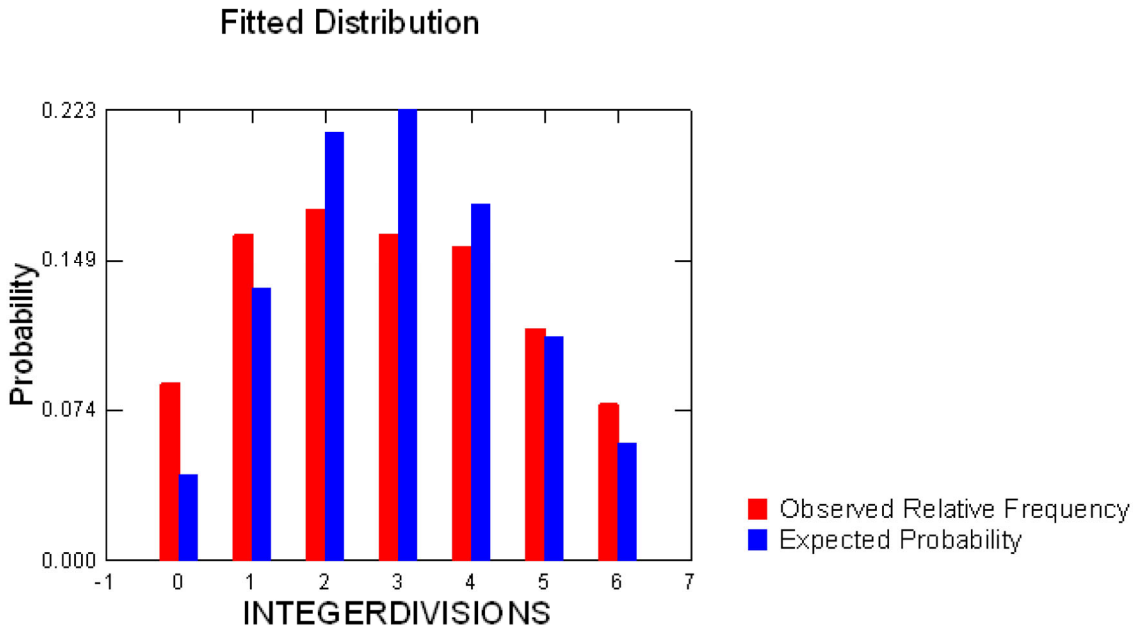
Estimation of Parameter(s): Maximum Likelihood Method

Test Results

Lower Limit	Upper Limit	Observed	Expected
.	0	313	151.939
1	1	573	478.836
2	2	617	754.528
3	3	574	792.633
4	4	552	624.497
5	5	409	393.621
6	6	275	206.750

7	7	162	93.082
8	8	62	36.669
9	9	13	12.840
10	.	1	5.605
		3,551	3,551.000

Chi-Square Test Statistic : 378.481
Degrees of Freedom : 9
p-Value : 0.000



WARNING One or more parameters of distribution are estimated.
Significance of K-S test computed on this distribution is suspect.

Kolmogorov-Smirnov Test Statistic : 0.072
p-Value : 0.000

▼Descriptive Statistics

Results for MONTH = 1.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

	INTEGERDIVISION-S
N of Cases	5,306
Minimum	0.000
Maximum	11.000
Median	3.000
Arithmetic Mean	3.235
Mode	4.000
Standard Deviation	1.976
Coefficient of Variation	0.611
Skewness (G1)	0.340
Standard Error of Skewness	0.034
Kurtosis (G2)	-0.393
Standard Error of Kurtosis	0.067

Results for MONTH = 1.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

	INTEGERDIVISION-S
N of Cases	5,625
Minimum	0.000
Maximum	10.000
Median	3.000
Arithmetic Mean	2.741
Mode	2.000
Standard Deviation	1.773
Coefficient of Variation	0.647
Skewness (G1)	0.451
Standard Error of Skewness	0.033
Kurtosis (G2)	-0.315
Standard Error of Kurtosis	0.065

Results for MONTH = 2.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

	INTEGERDIVISION-S
N of Cases	3,635
Minimum	0.000
Maximum	11.000
Median	3.000
Arithmetic Mean	3.264
Mode	3.000
Standard Deviation	2.055
Coefficient of Variation	0.630
Skewness (G1)	0.565
Standard Error of Skewness	0.041
Kurtosis (G2)	0.084
Standard Error of Kurtosis	0.081

Results for MONTH = 2.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

	INTEGERDIVISION-S
N of Cases	4,101
Minimum	0.000
Maximum	10.000
Median	3.000
Arithmetic Mean	2.938
Mode	2.000
Standard Deviation	1.911
Coefficient of Variation	0.651
Skewness (G1)	0.492
Standard Error of Skewness	0.038
Kurtosis (G2)	-0.304
Standard Error of Kurtosis	0.076

Results for MONTH = 3.000 UV = 1.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

	INTEGERDIVISION-S
N of Cases	2,867
Minimum	0.000
Maximum	13.000
Median	3.000
Arithmetic Mean	3.306
Mode	1.000
Standard Deviation	2.284
Coefficient of Variation	0.691
Skewness (G1)	0.635
Standard Error of Skewness	0.046
Kurtosis (G2)	0.185
Standard Error of Kurtosis	0.091

Results for MONTH = 3.000 UV = 0.000

Data for the following results were selected according to
SELECT (LN2VOLUME >= 13) AND (MONTH > 0) AND (MMONTH > 2) AND (MONTH < 4)

	INTEGERDIVISION-S
N of Cases	3,551
Minimum	0.000
Maximum	12.000
Median	3.000
Arithmetic Mean	3.152
Mode	2.000
Standard Deviation	2.055
Coefficient of Variation	0.652
Skewness (G1)	0.403
Standard Error of Skewness	0.041
Kurtosis (G2)	-0.496
Standard Error of Kurtosis	0.082