Table 2: Cumulative Poisson Probabilities

$T(k)=P(X \leq k) = p(0) + p(1) + \ldots + p(k)$

(Computations are rounded to three decimal places)

	μ										
k	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.5
0	0.905	0.819	0.741	0.670	0.607	0.549	0.497	0.449	0.407	0.368	0.223
1	0.995	0.982	0.963	0.938	0.910	0.878	0.844	0.809	0.772	0.736	0.558
2	1.000	0.999	0.996	0.992	0.986	0.977	0.966	0.953	0.937	0.920	0.809
3		1.000	1.000	0.999	0.998	0.997	0.994	0.991	0.987	0.981	0.934
4				1.000	1.000	1.000	0.999	0.999	0.998	0.996	0.981
5							1.000	1.000	1.000	0.999	0.996
6										1.000	0.999
7											1.000

Table 2: Continued

	μ										
k	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
0	0.135	0.082	0.055	0.033	0.018	0.011	0.007	0.004	0.003	0.002	0.001
1	0.406	0.287	0.199	0.136	0.092	0.061	0.040	0.027	0.017	0.011	0.007
2	0.677	0.544	0.423	0.321	0.238	0.174	0.125	0.088	0.062	0.043	0.030
3	0.857	0.758	0.647	0.537	0.433	0.342	0.265	0.202	0.151	0.112	0.082
4	0.947	0.891	0.815	0.725	0.629	0.532	0.440	0.358	0.285	0.224	0.173
5	0.983	0.958	0.916	0.858	0.785	0.703	0.616	0.529	0.446	0.369	0.301
6	0.995	0.986	0.966	0.935	0.889	0.831	0.762	0.686	0.606	0.527	0.450
7	0.999	0.996	0.988	0.973	0.949	0.913	0.867	0.809	0.744	0.673	0.599
8	1.000	0.999	0.996	0.990	0.979	0.960	0.932	0.894	0.847	0.792	0.729
9		1.000	0.999	0.997	0.992	0.983	0.968	0.946	0.916	0.877	0.830
10			1.000	0.999	0.997	0.993	0.986	0.975	0.957	0.933	0.901
11				1.000	0.999	0.998	0.995	0.989	0.980	0.966	0.947
12					1.000	0.999	0.998	0.996	0.991	0.984	0.973
13						1.000	0.999	0.998	0.996	0.993	0.987
14							1.000	0.999	0.999	0.997	0.994
15								1.000	0.999	0.999	0.998
16									1.000	1.000	0.999
17											1.000

Table 2

	μ								
k	7.5	8.0	8.5	9.0	9.5	10.0	12.0	15.0	20.0
0	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1	0.005	0.003	0.002	0.001	0.001	0.000	0.000	0.000	0.000
2	0.020	0.014	0.009	0.006	0.004	0.003	0.001	0.000	0.000
3	0.059	0.042	0.030	0.021	0.015	0.010	0.002	0.000	0.000
4	0.132	0.100	0.074	0.055	0.040	0.029	0.008	0.001	0.000
5	0.241	0.191	0.150	0.116	0.089	0.067	0.020	0.003	0.000
6	0.378	0.313	0.256	0.207	0.165	0.130	0.046	0.008	0.000
7	0.525	0.453	0.386	0.324	0.269	0.220	0.090	0.018	0.001
8	0.662	0.593	0.523	0.456	0.392	0.333	0.155	0.037	0.002
9	0.776	0.717	0.653	0.587	0.522	0.458	0.242	0.070	0.005
10	0.862	0.816	0.763	0.706	0.645	0.583	0.347	0.118	0.011
11	0.921	0.888	0.849	0.803	0.752	0.697	0.462	0.185	0.021
12	0.957	0.936	0.909	0.876	0.836	0.792	0.576	0.268	0.039
13	0.978	0.966	0.949	0.926	0.898	0.864	0.682	0.363	0.066
14	0.990	0.983	0.973	0.959	0.940	0.917	0.772	0.466	0.105
15	0.995	0.992	0.986	0.978	0.967	0.951	0.844	0.568	0.157
16	0.998	0.996	0.993	0.989	0.982	0.973	0.899	0.664	0.221
17	0.999	0.998	0.997	0.995	0.991	0.986	0.937	0.749	0.297
18	1.000	0.999	0.999	0.998	0.996	0.993	0.963	0.819	0.381
19		1.000	0.999	0.999	0.998	0.997	0.979	0.875	0.470
20			1.000	1.000	0.999	0.998	0.988	0.917	0.559
21					1.000	0.999	0.994	0.947	0.644
22						1.000	0.997	0.967	0.721
23							0.999	0.981	0.787
24							0.999	0.989	0.843
25							1.000	0.994	0.888
26								0.997	0.922
27								0.998	0.948
28								0.999	0.966
29								1.000	0.978
30									0.987
31									0.992
32									0.995
33									0.997
34									0.999
35									0.999
36									1.000