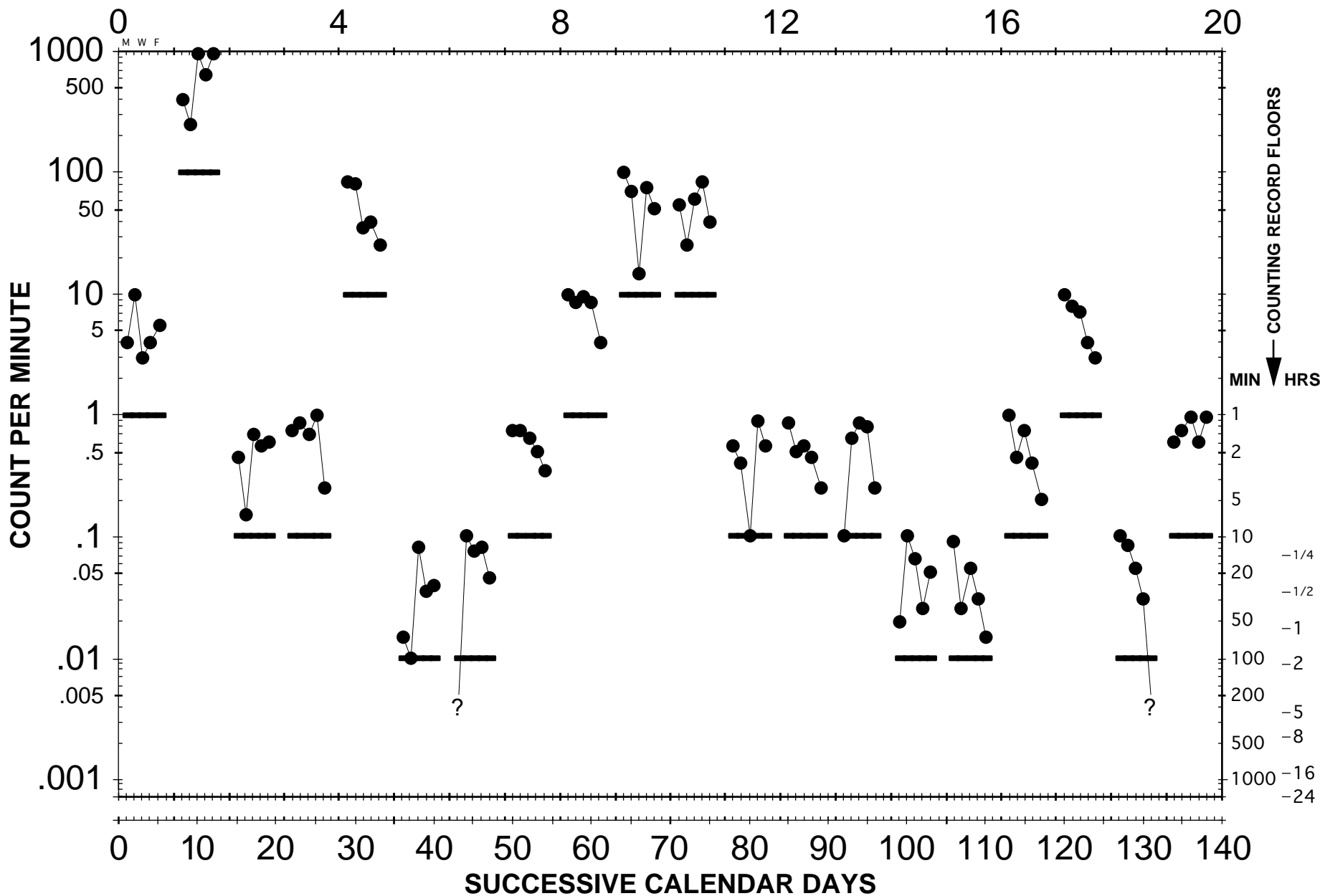


EDSPE 510: Classroom Measurement & Management

Charting with a Constant Record Floor (v.1)

Probe Purpose: The purpose of this probe is to assess your ability find the appropriate “cycle” on the standard chart for your data, and to chart major values within that cycle.
Given: In the table below, a constant record floor and 5 correct frequencies are provided for each week on the standard chart. All of the frequencies fall either on one of the chart’s frequency lines (e.g., 1, 200, 0.3, ...) or roughly halfway between two lines (e.g., 1.5, 250, 0.35, ...). Once the appropriate cycle on the chart has been found, you’ll find that all of the frequencies listed for that week fall within that cycle. **Task:** Draw the *record floor* for each week (a simple, quick line drawn through that week on the “1-line” of the appropriate cycle will suffice) and *chart each of the correct frequencies for that week*. Be sure to use the “dots” appropriate for acceleration target frequencies. The data for each week have been connected on the answer key, but *you do not have to draw any connecting lines for the data you plot*. **Aim:** 30 correct frequencies plotted per minute and a x10 accuracy ratio, with appropriate record floors, over a period of no less than 2 minutes. Each “dot” and each associated record floor (“-”) count, so each day’s plot can result in a count of “2”. Reaching aim will amount to 3 weeks of data and their appropriate record floors. *This probe can be completed on your own and reported to the instructor.*

Day #	Record Floor	Accel Frequency	Day #	Record Floor	Accel Frequency	Day #	Record Floor	Accel Frequency	Day #	Record Floor	Accel Frequency	Day #	Record Floor	Accel Frequency
1	1	4	29	10	85	57	1	10	85	0.1	0.85	113	0.1	1
2	1	10	30	10	80	58	1	8.5	86	0.1	0.5	114	0.1	0.45
3	1	3	31	10	35	59	1	9.5	87	0.1	0.55	115	0.1	0.75
4	1	4	32	10	40	60	1	8.5	88	0.1	0.45	116	0.1	0.4
5	1	5.5	33	10	25	61	1	4	89	0.1	0.25	117	0.1	0.2
8	100	400	36	0.01	0.015	64	10	100	92	0.1	0.1	120	1	10
9	100	250	37	0.01	0.01	65	10	70	93	0.1	0.65	121	1	8
10	100	950	38	0.01	0.08	66	10	15	94	0.1	0.85	122	1	7
11	100	650	39	0.01	0.035	67	10	75	95	0.1	0.8	123	1	4
12	100	950	40	0.01	0.04	68	10	50	96	0.1	0.25	124	1	3
15	0.1	0.45	43	0.01	0.005	71	10	55	99	0.01	0.02	127	0.01	0.1
16	0.1	0.15	44	0.01	0.1	72	10	25	100	0.01	0.1	128	0.01	0.085
17	0.1	0.7	45	0.01	0.075	73	10	60	101	0.01	0.065	129	0.01	0.055
18	0.1	0.55	46	0.01	0.08	74	10	85	102	0.01	0.025	130	0.01	0.03
19	0.1	0.6	47	0.01	0.045	75	10	40	103	0.01	0.05	131	0.01	0.005
22	0.1	0.75	50	0.1	0.75	78	0.1	0.55	106	0.01	0.09	134	0.1	0.6
23	0.1	0.85	51	0.1	0.75	79	0.1	0.4	107	0.01	0.025	135	0.1	0.75
24	0.1	0.7	52	0.1	0.65	80	0.1	0.1	108	0.01	0.055	136	0.1	0.95
25	0.1	1	53	0.1	0.5	81	0.1	0.9	109	0.01	0.03	137	0.1	0.6
26	0.1	0.25	54	0.1	0.35	82	0.1	0.55	110	0.01	0.015	138	0.1	0.95



Charting with Constant Record Floors: Answer Key, Version 1