

0	
0	0
0	0
1	0.015625
1	0.015625
1	0.015625
1	0.015625
2	0.03125
2	0.03125
3	0.046875
3	0.046875
3	0.046875
3	0.046875
4	0.0625
4	0.0625
4	0.0625
4	0.0625
4	0.0625
4	0.0625
4	0.0625
5	0.078125
5	0.078125
5	0.078125
5	0.078125
5	0.078125
5	0.078125
5	0.078125
5	0.078125
5	0.078125
6	0.09375
6	0.09375
6	0.09375
6	0.09375
6	0.09375
6	0.09375
6	0.09375
6	0.09375
6	0.09375
6	0.09375

The figure is a step plot representing the cumulative distribution function (CDF) of the number of trials until the first success in a Bernoulli process with a success probability  $p = 0.0625$ . The x-axis is labeled 'Number of trials' and ranges from 0 to 6. The y-axis is labeled 'Cumulative probability' and ranges from 0 to 1.000, with major grid lines every 250 units (0, 250, 500, 750, 1000). The plot shows a series of steps at each integer value of  $n$ , where the cumulative probability increases from 0 to approximately 0.958 at  $n=6$ . The steps are labeled with their corresponding cumulative probability values: 0, 0.0625, 0.125, 0.1875, 0.25, 0.3125, 0.375, 0.4375, 0.5, 0.5625, 0.625, 0.6875, 0.75, 0.8125, 0.875, 0.9375, and 0.958.

Number of trials	Cumulative probability
0	0
1	0.0625
2	0.125
3	0.1875
4	0.25
5	0.3125
6	0.375
7	0.4375
8	0.5
9	0.5625
10	0.625
11	0.6875
12	0.75
13	0.8125
14	0.875
15	0.9375
16	0.958

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



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[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

34	0.53125
35	0.546875
35	0.546875
35	0.546875
35	0.546875
35	0.546875
36	0.5625
36	0.5625
36	0.5625
36	0.5625
36	0.5625
36	0.5625
37	0.578125
37	0.578125
38	0.59375
38	0.59375
38	0.59375
38	0.59375
38	0.59375
39	0.609375
39	0.609375
39	0.609375
40	0.625
40	0.625
40	0.625
40	0.625
40	0.625
40	0.625
41	0.640625
41	0.640625
41	0.640625
42	0.65625
43	0.671875
44	0.6875
44	0.6875
44	0.6875
44	0.6875
45	0.703125
46	0.71875
47	0.734375
49	0.765625
53	0.828125
53	0.828125

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
505	7.890625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
506	7.90625	
507	7.921875	
561	8.765625	
561	8.765625	
561	8.765625	
561	8.765625	
561	8.765625	
561	8.765625	
561	8.765625	
562	8.78125	
562	8.78125	
562	8.78125	
562	8.78125	
562	8.78125	
562	8.78125	
563	8.796875	
563	8.796875	
563	8.796875	
563	8.796875	
563	8.796875	
564	8.8125	
564	8.8125	



[illegible]

626	9.78125
626	9.78125
626	9.78125
627	9.796875
627	9.796875
627	9.796875
690	10.78125
690	10.78125
690	10.78125
690	10.78125
690	10.78125
690	10.78125
691	10.796875
691	10.796875
691	10.796875
691	10.796875
691	10.796875
691	10.796875
691	10.796875
691	10.796875
691	10.796875
691	10.796875
692	10.8125
692	10.8125
692	10.8125
692	10.8125
692	10.8125
692	10.8125
692	10.8125
692	10.8125
693	10.828125
693	10.828125
693	10.828125
693	10.828125
693	10.828125
693	10.828125
694	10.84375
755	11.796875
755	11.796875
756	11.8125
756	11.8125
756	11.8125

[illegible]

[illegible]

[illegible]

[illegible]

	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	839	13.109375
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
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	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	840	13.125
	841	13.140625
	841	13.140625
	841	13.140625

[illegible]



[illegible]

[illegible]

[illegible]

928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
928	14.5	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
929	14.515625	
930	14.53125	
930	14.53125	

Button ID	ADC shelf	ratio	model
0	0	57.83263218	0
1	60	60	1.034482759
2	119	59.5	2.051724138
3	176	58.66666667	3.034482759
4	231	57.75	3.982758621
5	284	56.8	4.896551724
6	338	56.33333333	5.827586207
7	391	55.85714286	6.74137931
8	446	55.75	7.689655172
9	502	55.77777778	8.655172414
10	564	56.4	9.724137931
11	624	56.72727273	10.75862069
12	691	57.58333333	11.9137931
13	762	58.61538462	13.13793103
14	839	59.92857143	14.46551724
15	927	61.8	15.98275862