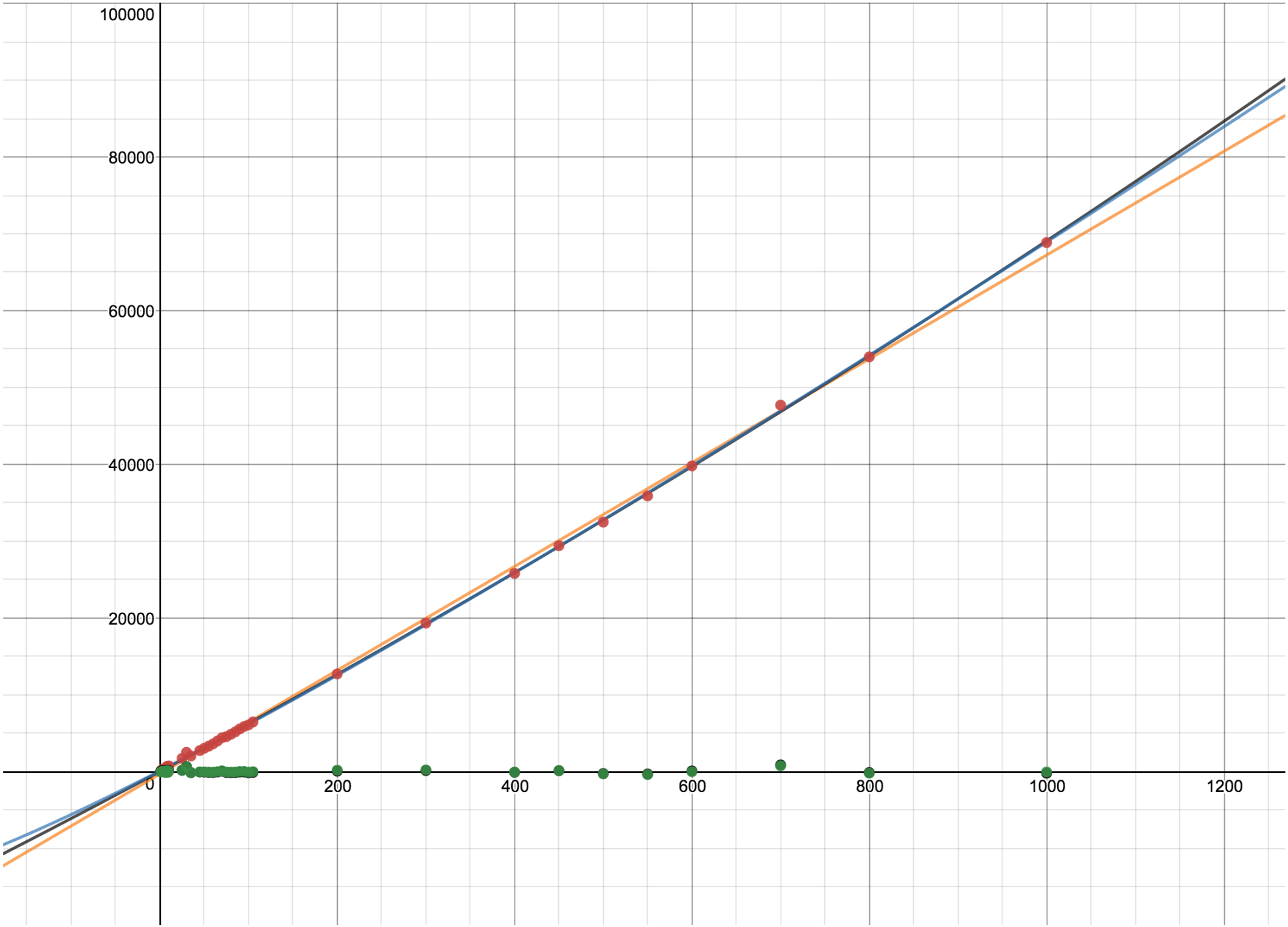
100000
80000
60000
40000
20000
0
200
400
600
800
1000
1200

1.

$$y_1 \sim mx_1 + b$$

STATISTICS

$r^2 = 0.999$

$r = 1$

RESIDUALS

e_1

PARAMETERS

$m = 67.561$

$b = -328.11$

2.

$$y_1 \sim a\left(x_1 - h\right)^2 + b$$

STATISTICS

$R^2 = 1$

RESIDUALS

e_2

PARAMETERS

$a = 0.0072551$

$h = -4261.2$

$b = -131740$

3.

$$y_1 \sim nx_1 \log_a\left(bx_1 + c\right) + d$$

STATISTICS

$R^2 = 1$

RESIDUALS

e_3

PARAMETERS

$n = -28.576$

$b = 4.9506$

$c = 1962.9$

$a = 0.02547$

$d = 82.661$

4.

x_2	y_2
1	394
2	194
3	250
4	413
5	431
6	539
7	848
8	955

9	864
10	934
25	1491
30	2130
35	2049
45	2876
50	5081
55	3161
60	3825
65	7166
70	5124
75	4662
80	5247
85	7658
90	10815
95	6109
100	6412
105	6648
200	13378
300	19751
400	26267
450	29422
500	33115
550	36497
600	40112

700	48589
800	56129
1000	69959

5.

x_3	y_3
1	308
2	286
3	297
4	409
5	509
6	552
7	701
8	961
9	992
10	851
25	1500
30	1968
35	2040
45	2896
50	5326
55	3175
60	3905
65	7841

70	5176
75	4873
80	5014
85	7984
90	10819
95	6039
100	6555
105	6563
200	13401
300	20033
400	26317
450	30879
500	32752
550	36548
600	40613
700	48105
800	57067
1000	70609

6.

x_1	y_1	e_1	e_2	e_3
1	86	346.55064	27.339661	−55.71473
2	202	394.99007	81.487005	1.192704
3	316	441.4295	133.61984	56.06116
4	287	344.86892	42.738161	−32.10921

4	287	344.86892	42.738161	32.10921
5	295	285.30835	−11.158026	−83.31827
6	341	263.74777	−27.068723	−96.56588
7	386	241.1872	−43.99393	−110.8518
8	666	453.62662	174.06635	109.82384
9	507	227.06605	−46.887874	−108.5385
10	737	389.50547	121.14339	62.061105
25	1709	348.09685	161.87111	138.59135
30	2500	801.29398	641.72152	629.28734
35	2020	−16.508892	−149.79083	−151.8973
45	2726	13.885362	−67.903791	−50.84917
50	3025	−24.917511	−81.5044	−55.58746
55	3298	−89.720384	−121.46776	−87.14886
60	3599	−126.52326	−133.79387	−91.52002
65	3978	−85.32613	−68.48274	−18.68796
70	4395	−6.129003	34.465641	91.359919
75	4542	−196.93188	−132.94873	−69.36413
80	4840	−236.73475	−149.72586	−79.84820
85	5163	−251.53762	−141.86573	−66.08072
90	5547	−205.3405	−73.368363	7.9495776
95	5861	−229.14337	−75.233746	11.253667
100	6077	−350.94624	−175.46188	−84.15778
105	6452	−313.74911	−117.05277	−21.27438
200	12703	−481.0037	49.797332	177.60564
300	19320	−620.06116	120.95545	211.21722
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

400	25789	−907.11862	−100.98753	−79.64787
450	29403	−671.14735	113.12806	97.78867
500	32469	−983.17608	−257.03161	−306.572
550	35882	−948.20481	−316.46657	−395.2738
600	39782	−426.23355	74.823209	−26.17712
700	47695	730.70899	861.57693	744.7075
800	53978	257.65153	−126.77044	−211.2974
1000	68863	1630.5366	−219.76848	−56.41665

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