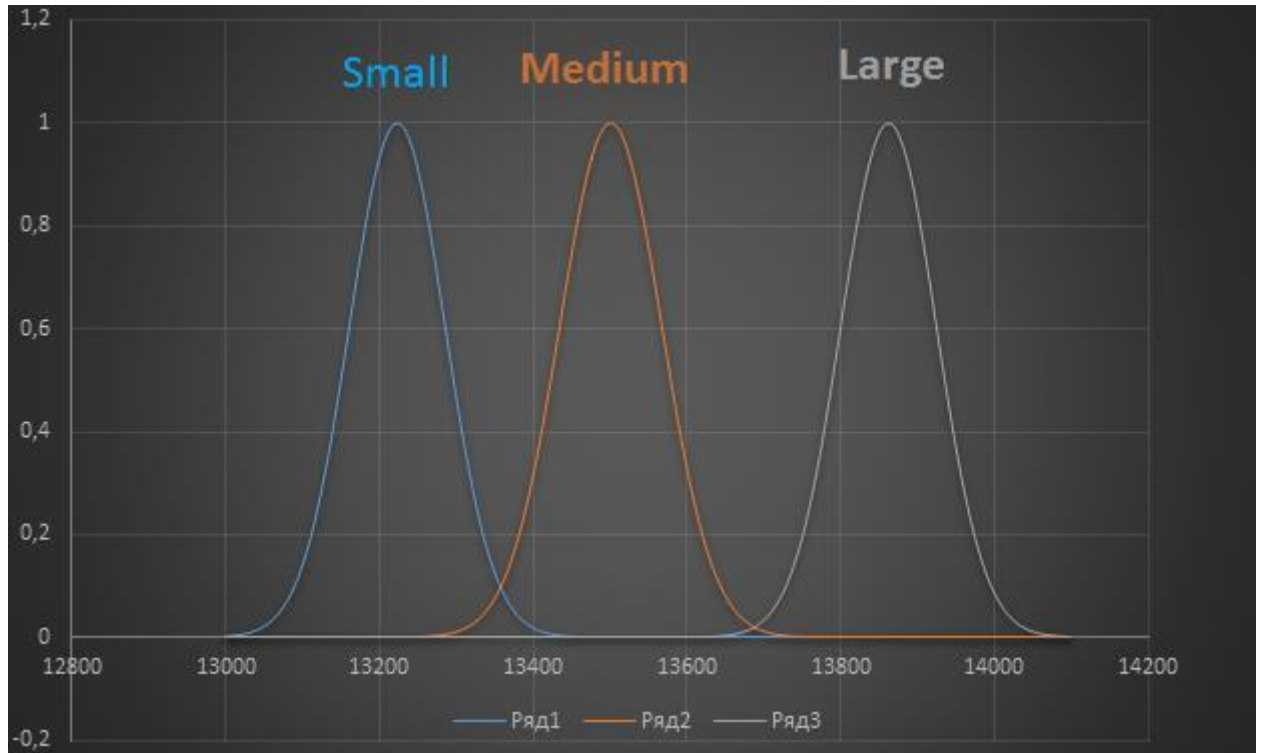


Lab 11 (November 8 2016)
CCOD
Potapiuk Aleksei, AS-36



SMALL:
AVG: 13223,486
STD: 7730,824

MEDIUM:
AVG: 13501,289
STD: 8795,126

LARGE:
AVG: 13862,816
STD: 7699,625

My Rules:

if(t-1) = small AND x(t) = small THEN y = 1

if(t-1) = small AND x(t) = medium THEN y = 3

if(t-1) = small AND x(t) = large THEN y = 2

if(t-1) = medium AND x(t) = small THEN y = 5

if(t-1) = medium AND x(t) = medium THEN y = 6

if(t-1) = medium AND x(t) = large THEN y = 4

if(t-1) = large AND x(t) = small THEN y = 8

if(t-1) = large AND x(t) = medium THEN y = 9

if(t-1) = large AND x(t) = large THEN y = 7

t	x(t)	x(t-2)	how big	x(t-2)	how big	y	prediction x(t)
63	---	13211,99	small	13578	medium	2	13501,2895
62	13212	13577,87	medium	13862	large	6	13223,486
61	13577,9	13861,75	large	13907	large	9	13862,816
60	13861,8	13907,25	large	13951	large	9	13862,816
59	13907,3	13950,98	large	13463	medium	8	13501,2895
58	13951	13463,33	medium	13182	small	4	13862,816
57	13463,3	13181,91	small	13469	medium	2	13501,2895
56	13181,9	13468,78	medium	13972	large	6	13223,486
55	13468,8	13971,55	large	13918	large	9	13862,816
54	13971,6	13918,22	large	13227	small	7	13501,2895
53	13918,2	13226,53	small	13236	small	1	13223,486
52	13226,5	13235,88	small	13379	medium	2	13501,2895
51	13235,9	13378,87	medium	13322	small	3	13223,486
50	13378,9	13322,13	small	13042	small	1	13223,486
49	13322,1	13041,85	small	13289	small	1	13223,486
48	13041,9	13289,29	small	13577	medium	2	13501,2895
47	13289,3	13577,3	medium	13566	medium	5	13501,2895
46	13577,3	13565,84	medium	13612	medium	5	13501,2895
45	13565,8	13611,68	medium	13650	medium	5	13501,2895
44	13611,7	13649,97	medium	13650	medium	5	13501,2895
43	13650	13649,97	medium	13502	medium	5	13501,2895
42	13650	13501,7	medium	13578	medium	5	13501,2895
41	13501,7	13577,87	medium	13862	large	6	13223,486
40	13577,9	13861,75	large	13907	large	9	13862,816
39	13861,8	13907,25	large	13951	large	9	13862,816
38	13907,3	13950,98	large	13972	large	9	13862,816
37	13951	13971,55	large	13918	large	9	13862,816
36	13971,6	13918,22	large	13227	small	7	13501,2895

35	13918,2	13226,53	small	13029	small	1	13223,486
34	13226,5	13028,92	small	13352	small	1	13223,486
33	13028,9	13351,74	small	13449	medium	3	13223,486
32	13351,7	13448,86	medium	14000	large	6	13223,486
31	13448,9	14000,41	large	13851	large	9	13862,816
30	14000,4	13851,08	large	13943	large	9	13862,816
29	13851,1	13943,42	large	13717	large	9	13862,816
28	13943,4	13716,95	large	13786	large	9	13862,816
27	13717	13785,79	large	13474	medium	8	13501,2895
26	13785,8	13473,57	medium	13265	small	4	13862,816
25	13473,6	13265,47	small	13358	medium	2	13501,2895
24	13265,5	13358,31	medium	13212	small	3	13223,486
23	13358,3	13211,99	small	13362	medium	2	13501,2895
22	13212	13362,37	medium	13851	large	5	13501,2895
21	13362,4	13851,08	large	13943	large	9	13862,816
20	13851,1	13943,42	large	13717	large	9	13862,816
19	13943,4	13716,95	large	13786	large	9	13862,816
18	13717	13785,79	large	13851	large	9	13862,816
17	13785,8	13851,08	large	13943	large	9	13862,816
16	13851,1	13943,42	large	13717	large	9	13862,816
15	13943,4	13716,95	large	13786	large	9	13862,816
14	13717	13785,79	large	13463	medium	8	13501,2895
13	13785,8	13463,33	medium	13182	small	4	13862,816
12	13463,3	13181,91	small	13469	medium	2	13501,2895
11	13181,9	13468,78	medium	13904	large	6	13223,486
10	13468,8	13904,3	large	13658	medium	8	13501,2895
9	13904,3	13657,86	medium	13271	small	4	13862,816
8	13657,9	13270,68	small	13305	small	1	13223,486
7	13270,7	13305,47	small	13425	medium	2	13501,2895
6	13305,5	13424,88	medium	13443	medium	5	13501,2895
5	13424,9	13442,52	medium	13403	medium	5	13501,2895
4	13442,5	13403,42	medium	13739	large	6	13223,486
3	13403,4	13739,39	large	13816	large	9	13862,816
2	13739,4	13815,6	large	13725	large	9	13862,816
1	13815,6	13725,13	large	---	---	---	---
0	13725,1	---	---	---	---	---	---

3 Rules:

if $y === 1$ or $y === 3$ or $y === 6$ THEN small

if $y === 2$ or $y === 5$ or $y === 7$ or $y === 8$ THEN medium

if $y === 4$ or $y === 9$ THEN large

Graph

