

جدول يوضح البيانات الأصلية

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
80.58702	11.9448	7	30.4	38.1	92.53182
2.048829	11.7553	12.5	32.4	39.2	13.80413
-29.4187	12.0397	2.3	31.4	36.3	-17.379
136.509	11.4246	3.6	28.4	31.1	147.9336
-56.2342	12.1418	7	31.4	40	-44.0924
-21.5563	13.738	6	37	55	-7.81832
-66.1184	13.943	4	50	55	-52.1754
-53.412	12.859	8	42	47	-40.553
-42.6715	12.7617	8	28.1	47	-29.9098
71.25982	13.3774	4.5	44.7	50	84.63722
12.21673	15.0865	8.5	50	69	27.30323
67.31554	15.0164	39.2	61.4	85	82.33194
3.429159	16.6448	17.7	76.1	88	20.07396
31.50834	16.1666	32.9	88.7	91	47.67494
15.45627	31.3471	121	203.3	285	46.80337
-42.321	27.8513	133	615.9	228	-14.4697
-31.5181	39.9532	82.5	562.1	324	8.435107
-8.29621	35.7729	99.3	716	281	27.47669
-104.413	42.6978	103.9	771.3	349	-61.7155
-49.6552	59.8139	87.7	807.4	508.4	10.15868
-39.9272	57.8189	217.1	1221.8	533.2	17.8917
-115.007	65.37544	184.94	1187.86	592.81	-49.632
-98.7905	78.31396	227.87	1477.65	726.38	-20.4766
-69.4662	76.36812	221.41	1434.07	706.29	6.901924
-106.862	85.12176	250.46	1630.14	796.66	-21.7407
-112.131	93.86774	269.53	1758.85	885.98	-18.2629
-83.2128	98.5087	294.88	1929.98	934.86	15.2959

-92.854	94.19225	280.56	1833.31	890.3	
-133.465	122.7152	375.21	2472.17	1184.76	
-135.312	149.6176	539.5	351.15	1695.9	
-103.019	149.1851	463.04	3065.05	1458.02	
22.24012	12.859	8	42	47	
55.1333	12.7617	8	28.1	47	
-49.8531	13.3774	4.5	44.7	50	
-21.4414	15.0865	8.5	50	69	
-90.1304	15.0164	39.2	61.4	85	
12.90485	16.6448	17.7	76.1	88	
2.280996	16.1666	32.9	88.7	91	
97.29005	31.3471	121	203.3	285	
-28.978	27.8513	133	615.9	228	
44.67702	39.9532	133	615.9	228	
-4.3534	35.7729	99.3	716	281	
7.85233	42.6978	103.9	771.3	349	
-6.47823	59.8139	87.7	807.4	508.4	
-28.8838	57.8189	217.1	1221.8	533.2	
11.15862	65.37544	184.94	1187.86	592.81	
-27.5964	78.31396	227.87	1477.65	726.38	
-39.7794	76.36812	221.41	1434.07	706.29	
-42.5362	85.12176	250.46	1630.14	796.66	
11.14893	93.86774	269.53	1758.85	885.98	
-98.6926	11.9448	7	30.4	38.1	
13.51562	11.7553	12.5	32.4	39.2	
4.194719	12.0397	2.3	31.4	36.3	
-48.8537	11.4246	3.6	28.4	31.1	
-99.3105	12.1418	7	31.4	40	

63.50023	13.738	6	37	55	
33.15395	13.943	4	50	55	
11.8487	12.859	8	42	47	
-37.4618	12.7617	8	28.1	47	
75.04234	13.3774	4.5	44.7	50	
-1.29803	15.0865	8.5	50	69	
-40.2832	15.0164	39.2	61.4	85	
-14.4997	16.6448	17.7	76.1	88	
-3.6816	16.1666	32.9	88.7	91	
-9.45526	16.1666	32.9	88.7	91	
9.363215	31.3471	121	203.3	285	
17.34612	27.8513	133	615.9	228	
-42.2273	39.9532	82.5	562.1	324	
-41.4457	35.7729	99.3	716	281	
11.8232	42.6978	103.9	771.3	349	
-11.6441	59.8139	87.7	807.4	508.4	
-38.6391	57.8189	217.1	1221.8	533.2	
-99.9037	65.37544	184.94	1187.86	592.81	
-152.102	78.31396	227.87	1477.65	726.38	
-77.8603	76.36812	221.41	1434.07	706.29	
-60.1061	85.12176	250.46	1630.14	796.66	
-62.0196	93.86774	269.53	1758.85	885.98	
-11.6988	11.9448	7	30.4	38.1	
-14.9917	11.7553	12.5	32.4	39.2	
68.53573	12.0397	2.3	31.4	36.3	
30.33459	11.4246	3.6	28.4	31.1	
26.28257	12.1418	7	31.4	40	
-54.4291	13.738	6	37	55	

-141.193	13.943	4	50	55
-27.6845	12.859	8	42	47
-49.8855	12.7617	8	28.1	47
-0.4827	13.3774	8	28.1	47
15.32247	11.4246	3.6	28.4	31.1
50.21418	12.1418	7	31.4	40
-71.0649	13.738	6	37	55
70.34389	13.943	4	50	55
-16.042	12.859	8	42	47
89.64328	12.7617	8	28.1	47
-6.42113	13.3774	4.5	44.7	50
-56.0286	15.0865	8.5	50	69
-44.0024	15.0164	39.2	61.4	85
13.45158	16.6448	17.7	76.1	88
51.81569	16.1666	32.9	88.7	91
8.7923	31.3471	121	203.3	285
67.21	27.8513	133	615.9	228
32.93485	39.9532	82.5	562.1	324
9.050067	35.7729	99.3	716	281
-29.0505	42.6978	103.9	771.3	349
-49.3679	59.8139	87.7	807.4	508.4
-49.778	57.8189	217.1	1221.8	533.2
-90.1183	65.37544	184.94	1187.86	592.81
-141.435	78.31396	227.87	1477.65	726.38
-46.9177	76.36812	221.41	1434.07	706.29
-55.8077	85.12176	250.46	1630.14	796.66
-139.902	93.86774	269.53	1758.85	885.98
-50.8808	98.5087	294.88	1929.98	934.86

-53.1561	94.19225	280.56	1833.31	890.3	
-38.3972	122.7152	375.21	2472.17	1184.76	
-88.0563	149.6176	539.5	351.15	1695.9	
-79.5224	149.1851	463.04	3065.05	1458.02	
-28.0681	12.859	8	42	47	
0.283958	12.7617	8	28.1	47	
-16.9668	13.3774	4.5	44.7	50	
-11.9598	15.0865	8.5	50	69	
67.54411	15.0164	39.2	61.4	85	
-48.3283	16.6448	17.7	76.1	88	
75.58659	16.1666	32.9	88.7	91	
-101.143	31.3471	121	203.3	285	
-66.5655	27.8513	133	615.9	228	
-30.7779	39.9532	82.5	562.1	324	
51.66806	35.7729	99.3	716	281	
-58.0766	42.6978	103.9	771.3	349	
29.58934	59.8139	87.7	807.4	508.4	
-1.81722	57.8189	217.1	1221.8	533.2	
-62.45	65.37544	184.94	1187.86	592.81	
-35.5842	78.31396	227.87	1477.65	726.38	
-62.8877	31.3471	121	203.3	285	
-29.0197	27.8513	121	203.3	285	
34.71394	39.9532	82.5	562.1	324	
-64.9899	35.7729	99.3	716	281	
-53.1736	42.6978	103.9	771.3	349	
-83.6955	59.8139	87.7	807.4	508.4	
-35.6849	57.8189	217.1	1221.8	533.2	
-79.3795	65.37544	184.94	1187.86	592.81	

-140.874	78.31396	227.87	1477.65	726.38	
9.514588	76.36812	221.41	1434.07	706.29	
-130.864	85.12176	250.46	1630.14	796.66	
-62.3018	93.86774	269.53	1758.85	885.98	
-17.0164	11.9448	7	30.4	38.1	
-4.29136	11.7553	12.5	32.4	39.2	
8.471973	12.0397	2.3	31.4	36.3	
74.55288	11.4246	3.6	28.4	31.1	
33.44319	12.1418	7	31.4	40	
18.54933	13.738	6	37	55	
24.55438	13.943	4	50	55	
17.9387	12.859	8	42	47	
-14.302	12.7617	8	28.1	47	
51.92201	13.3774	4.5	44.7	50	
25.18773	11.4246	3.6	28.4	31.1	
-25.652	12.1418	7	31.4	40	
-19.595	13.738	6	37	55	
-52.0457	13.943	4	50	55	
75.38908	12.859	8	42	47	
-47.1986	12.7617	8	28.1	47	
-5.49123	13.3774	4.5	44.7	50	
-10.5846	15.0865	8.5	50	69	
35.19562	15.0164	39.2	61.4	85	
32.01148	16.6448	17.7	76.1	88	
-72.5869	16.1666	32.9	88.7	91	
52.67957	31.3471	121	203.3	285	
-126.496	27.8513	133	615.9	228	
79.50502	39.9532	82.5	562.1	324	

-131.611	35.7729	99.3	716	281	
19.50947	42.6978	103.9	771.3	349	
4.272601	59.8139	87.7	807.4	508.4	
-98.3293	57.8189	217.1	1221.8	533.2	
-99.26	65.37544	184.94	1187.86	592.81	
-76.2453	78.31396	227.87	1477.65	726.38	
-53.8379	76.36812	221.41	1434.07	706.29	
-53.8617	85.12176	250.46	1630.14	796.66	
-42.3584	93.86774	269.53	1758.85	885.98	
-108.843	98.5087	294.88	1929.98	934.86	
-98.4499	94.19225	280.56	1833.31	890.3	
-223.059	122.7152	121	203.3	285	
-247.707	149.6176	539.5	351.15	1695.9	
-84.5205	149.1851	463.04	3065.05	1458.02	
12.69564	12.859	8	42	47	
-38.8611	12.7617	8	28.1	47	
12.4651	13.3774	4.5	44.7	50	
100.709	15.0865	8.5	50	69	
-66.5421	15.0164	39.2	61.4	85	
13.72456	16.6448	17.7	76.1	88	
56.09104	16.1666	32.9	88.7	91	
44.86233	31.3471	121	203.3	285	
-62.174	27.8513	133	615.9	228	
-14.5137	39.9532	82.5	562.1	324	
-124.619	35.7729	99.3	716	281	
-77.5889	98.5087	294.88	1929.98	934.86	
35.71185	94.19225	280.56	1833.31	890.3	
-168.294	122.7152	375.21	2472.17	1184.76	

-96.0647	149.6176	539.5	351.15	1695.9	
-153.09	149.1851	463.04	3065.05	1458.02	
15.50012	12.859	8	42	47	
5.060361	12.7617	8	28.1	47	
-80.9008	13.3774	4.5	44.7	50	
-11.9988	15.0865	8.5	50	69	
-21.1792	15.0164	39.2	61.4	85	
-35.6964	16.6448	17.7	76.1	88	
-60.7121	16.1666	32.9	88.7	91	
61.81998	31.3471	121	203.3	285	
-43.5459	27.8513	133	615.9	228	
-62.386	39.9532	82.5	562.1	324	
-48.0533	35.7729	99.3	716	281	
-24.7973	42.6978	103.9	771.3	349	
-0.8803	59.8139	87.7	807.4	508.4	
32.36606	57.8189	217.1	1221.8	533.2	
-82.304	65.37544	184.94	1187.86	592.81	
-11.7832	78.31396	227.87	1477.65	726.38	
-65.6698	31.3471	121	203.3	285	
21.31117	27.8513	133	615.9	228	
-16.8543	39.9532	82.5	562.1	324	
-31.3858	35.7729	99.3	716	281	
42.269	42.6978	103.9	771.3	349	
-91.4116	59.8139	87.7	807.4	508.4	
-57.2678	57.8189	217.1	1221.8	533.2	
-61.0075	65.37544	184.94	1187.86	592.81	
-143.803	78.31396	227.87	1477.65	726.38	
-75.0675	76.36812	221.41	1434.07	706.29	

-102.68	85.12176	250.46	1630.14	796.66	
-86.2998	93.86774	121	203.3	285	
40.29187	11.9448	7	30.4	38.1	
53.74942	11.7553	12.5	32.4	39.2	
-17.2227	12.0397	2.3	31.4	36.3	
-62.9686	11.4246	3.6	28.4	31.1	
6.235611	12.1418	7	31.4	40	
-44.8935	13.738	6	37	55	
24.68501	13.943	4	50	55	
29.75808	12.859	8	42	47	
-51.1101	12.7617	8	28.1	47	
24.66712	13.3774	4.5	44.7	50	
73.79435	11.4246	3.6	28.4	31.1	
96.66948	12.1418	7	31.4	40	
-35.7608	13.738	6	37	55	
-68.0865	13.943	4	50	55	
-82.3519	12.859	8	42	47	
21.98277	12.7617	8	28.1	47	
3.13129	13.3774	4.5	44.7	50	
-122.141	15.0865	8.5	50	69	
-9.04273	15.0164	39.2	61.4	85	
-105.706	16.6448	17.7	76.1	88	
-29.331	16.1666	32.9	88.7	91	
33.49231	31.3471	121	203.3	285	
-39.2189	27.8513	133	615.9	228	
-53.2522	39.9532	82.5	562.1	324	
21.2139	35.7729	99.3	716	281	
4.847435	42.6978	103.9	771.3	349	

-133.701	59.8139	87.7	807.4	508.4	
-114.634	57.8189	217.1	1221.8	533.2	
-71.4732	65.37544	184.94	1187.86	592.81	
-30.6855	78.31396	227.87	1477.65	726.38	
-51.4235	76.36812	221.41	1434.07	706.29	
-63.0401	85.12176	250.46	1630.14	796.66	
-40.0465	93.86774	269.53	1758.85	885.98	
-92.4671	98.5087	294.88	1929.98	934.86	
-125.158	94.19225	280.56	1833.31	890.3	
-84.8735	16.1666	32.9	88.7	91	
-72.9341	31.3471	121	203.3	285	
39.23206	27.8513	133	615.9	228	
-61.0136	39.9532	82.5	562.1	324	
-49.529	35.7729	99.3	716	281	
-100.648	42.6978	103.9	771.3	349	
-96.0865	59.8139	87.7	807.4	508.4	
-55.0459	57.8189	217.1	1221.8	533.2	
-85.419	65.37544	184.94	1187.86	592.81	
-77.4335	78.31396	227.87	1477.65	726.38	
6.368822	31.3471	121	203.3	285	
-62.2578	27.8513	133	615.9	228	
-19.8189	39.9532	82.5	562.1	324	
51.05405	35.7729	99.3	716	281	
-1.56075	42.6978	103.9	771.3	349	
-21.4654	59.8139	87.7	807.4	508.4	
-104.116	57.8189	217.1	1221.8	533.2	
-149.395	65.37544	184.94	1187.86	592.81	
-9.03177	78.31396	227.87	1477.65	726.38	

-108.836	76.36812	221.41	1434.07	706.29	
-67.1522	85.12176	250.46	1630.14	796.66	
-138.233	93.86774	269.53	1758.85	885.98	
20.82075	11.9448	7	30.4	38.1	
-35.4198	11.7553	12.5	32.4	39.2	
-10.6927	12.0397	2.3	31.4	36.3	
26.86424	11.4246	3.6	28.4	31.1	
-17.0833	12.1418	7	31.4	40	
-0.39156	13.738	6	37	55	
57.81353	13.943	4	50	55	
-30.355	12.859	8	42	47	
29.36323	12.7617	8	28.1	47	
-46.0029	13.3774	4.5	44.7	50	
-34.1015	11.4246	3.6	28.4	31.1	
61.3778	12.1418	7	31.4	40	
18.90872	13.738	6	37	55	
5.819006	13.943	4	50	55	
-107.452	12.859	8	42	47	
95.15757	12.7617	8	28.1	47	
67.28236	13.3774	4.5	44.7	50	
-80.2783	15.0865	8.5	50	69	
62.77207	15.0164	39.2	61.4	85	
-84.4621	16.6448	17.7	76.1	88	
-35.637	16.1666	32.9	88.7	91	
-43.6106	31.3471	121	203.3	285	
-57.879	27.8513	133	615.9	228	
7.587014	39.9532	82.5	562.1	324	
36.23137	35.7729	99.3	716	281	

-2.06503	42.6978	103.9	771.3	349	
-6.7427	59.8139	87.7	807.4	508.4	
0.627672	57.8189	217.1	1221.8	533.2	
15.77308	65.37544	184.94	1187.86	592.81	
-90.7523	78.31396	227.87	1477.65	726.38	
-55.0106	76.36812	221.41	1434.07	706.29	
-66.3196	85.12176	250.46	1630.14	796.66	
-20.5072	93.86774	269.53	1758.85	885.98	
-35.8727	98.5087	294.88	1929.98	934.86	
-111.343	94.19225	121	203.3	285	
-132.518	122.7152	375.21	2472.17	1184.76	
-168.342	149.6176	539.5	351.15	1695.9	
-181.218	149.1851	463.04	3065.05	1458.02	
-45.0599	12.859	8	42	47	
-5.27998	12.7617	8	28.1	47	
-57.9731	13.3774	4.5	44.7	50	
-101.235	15.0865	8.5	50	69	
-72.3345	15.0164	39.2	61.4	85	
-60.7388	16.6448	17.7	76.1	88	
45.82487	16.1666	32.9	88.7	91	
-43.4768	31.3471	121	203.3	285	
45.1626	27.8513	133	615.9	228	
14.37488	39.9532	82.5	562.1	324	
21.51609	35.7729	99.3	716	281	
-69.1638	98.5087	294.88	1929.98	934.86	
-70.057	94.19225	280.56	1833.31	890.3	
-158.208	122.7152	375.21	2472.17	1184.76	
-192.733	149.6176	539.5	351.15	1695.9	

-59.3158	149.1851	463.04	3065.05	1458.02	
-0.0433	12.859	8	42	47	
-6.09347	12.7617	8	28.1	47	
76.77861	13.3774	4.5	44.7	50	
2.799724	15.0865	8.5	50	69	
32.45434	15.0164	39.2	61.4	85	
53.56544	16.6448	17.7	76.1	88	
-9.01625	16.1666	32.9	88.7	91	
-56.9215	31.3471	121	203.3	285	
-9.75355	27.8513	133	615.9	228	
19.37996	39.9532	82.5	562.1	324	
-147.899	35.7729	99.3	716	281	
-24.5546	42.6978	103.9	771.3	349	
-63.0895	59.8139	87.7	807.4	508.4	
-47.4567	57.8189	217.1	1221.8	533.2	
-27.2375	65.37544	184.94	1187.86	592.81	
25.43801	78.31396	227.87	1477.65	726.38	
25.42816	31.3471	121	203.3	285	
51.0839	27.8513	133	615.9	228	
-41.308	39.9532	82.5	562.1	324	
-42.5622	35.7729	99.3	716	281	
-45.9512	42.6978	103.9	771.3	349	
-51.115	59.8139	87.7	807.4	508.4	
-75.9743	57.8189	217.1	1221.8	533.2	
-8.80575	65.37544	184.94	1187.86	592.81	
-114.111	78.31396	227.87	1477.65	726.38	
-26.744	76.36812	221.41	1434.07	706.29	
-97.3494	85.12176	121	203.3	285	

-202.036	93.86774	269.53	1758.85	885.98	
-1.15075	11.9448	7	30.4	38.1	
76.87336	11.7553	12.5	32.4	39.2	
15.22636	12.0397	2.3	31.4	36.3	
-39.9393	11.4246	3.6	28.4	31.1	
103.1298	12.1418	7	31.4	40	
7.346972	13.738	6	37	55	
21.48074	13.943	4	50	55	
-4.99908	12.859	8	42	47	
6.646522	12.7617	8	28.1	47	
-1.76109	13.3774	4.5	44.7	50	
47.50129	11.4246	3.6	28.4	31.1	
-50.36	12.1418	7	31.4	40	
-62.5518	13.738	6	37	55	
-10.4534	13.943	4	50	55	
-60.617	12.859	8	42	47	
8.326696	12.7617	8	28.1	47	
-0.05191	13.3774	4.5	44.7	50	
-16.6556	15.0865	8.5	50	69	
-87.251	15.0164	39.2	61.4	85	
22.05625	16.6448	17.7	76.1	88	
29.43443	16.1666	32.9	88.7	91	
-63.3	31.3471	121	203.3	285	
14.46771	27.8513	133	615.9	228	
-63.1276	39.9532	82.5	562.1	324	
-49.9825	35.7729	99.3	716	281	
-29.174	42.6978	103.9	771.3	349	
-48.271	59.8139	87.7	807.4	508.4	

-3.47856	57.8189	217.1	1221.8	533.2	
17.7668	65.37544	184.94	1187.86	592.81	
-108.143	78.31396	227.87	1477.65	726.38	
-135.774	76.36812	221.41	1434.07	706.29	
-24.8443	85.12176	250.46	1630.14	796.66	
-18.6002	93.86774	269.53	1758.85	885.98	
-88.3994	98.5087	294.88	1929.98	934.86	
-95.5358	94.19225	280.56	1833.31	890.3	
2.553825	27.8513	133	615.9	228	
-55.4142	39.9532	82.5	562.1	324	
-8.29642	35.7729	99.3	716	281	
72.60546	42.6978	103.9	771.3	349	
8.664377	59.8139	87.7	807.4	508.4	
-70.4644	57.8189	217.1	1221.8	533.2	
-27.054	65.37544	184.94	1187.86	592.81	
-85.2087	78.31396	227.87	1477.65	726.38	
-23.3466	76.36812	221.41	1434.07	706.29	
-91.9679	85.12176	121	203.3	285	
-88.607	93.86774	269.53	1758.85	885.98	
-68.9549	98.5087	294.88	1929.98	934.86	
-62.5773	94.19225	280.56	1833.31	890.3	
-75.224	122.7152	375.21	2472.17	1184.76	
-203.252	149.6176	539.5	351.15	1695.9	
-169.818	149.1851	463.04	3065.05	1458.02	
-20.174	12.859	8	42	47	
73.73365	12.7617	8	28.1	47	
15.65254	13.3774	4.5	44.7	50	
-38.1922	15.0865	8.5	50	69	

88.31883	15.0164	39.2	61.4	85	
-0.78839	16.6448	17.7	76.1	88	
55.02211	16.1666	32.9	88.7	91	
-47.5381	31.3471	121	203.3	285	
-111.514	27.8513	133	615.9	228	
-49.4451	39.9532	82.5	562.1	324	
-43.9117	35.7729	99.3	716	281	
-39.7747	42.6978	103.9	771.3	349	
-62.3856	59.8139	87.7	807.4	508.4	
-155.134	57.8189	217.1	1221.8	533.2	
-141.519	65.37544	184.94	1187.86	592.81	
-19.2182	78.31396	227.87	1477.65	726.38	
-60.1353	76.36812	221.41	1434.07	706.29	
-89.3545	85.12176	250.46	1630.14	796.66	
-24.6917	93.86774	269.53	1758.85	885.98	
-73.5531	11.9448	7	30.4	38.1	
107.0832	11.7553	12.5	32.4	39.2	
-4.54412	12.0397	2.3	31.4	36.3	
12.09701	11.4246	3.6	28.4	31.1	
19.0211	12.1418	7	31.4	40	
8.822095	13.738	6	37	55	
-65.0899	13.943	4	50	55	
-14.2901	12.859	8	42	47	
51.16194	12.7617	8	28.1	47	
-19.3341	13.3774	4.5	44.7	50	
-53.3204	15.0865	8.5	50	69	
32.4874	15.0164	39.2	61.4	85	
4.5013	16.6448	17.7	76.1	88	

-32.1238	16.1666	32.9	88.7	91	
58.00818	16.1666	32.9	88.7	91	
-32.1178	31.3471	121	203.3	285	
-18.8353	27.8513	133	615.9	228	
-16.6039	39.9532	82.5	562.1	324	
-81.3231	35.7729	99.3	716	281	
-2.76463	42.6978	103.9	771.3	349	
-42.1133	59.8139	121	203.3	285	
-1.72175	57.8189	217.1	1221.8	533.2	
-51.9323	65.37544	184.94	1187.86	592.81	
27.80163	78.31396	227.87	1477.65	726.38	
24.28519	76.36812	221.41	1434.07	706.29	
-79.6939	85.12176	250.46	1630.14	796.66	
-104.009	93.86774	269.53	1758.85	885.98	
-42.3214	11.9448	7	30.4	38.1	
-22.5937	11.7553	12.5	32.4	39.2	
26.05678	12.0397	2.3	31.4	36.3	
-31.3311	11.4246	3.6	28.4	31.1	
51.67933	12.1418	7	31.4	40	
-52.1525	13.738	6	37	55	
9.410084	13.943	4	50	55	
55.10344	12.859	8	42	47	
2.523757	12.7617	8	28.1	47	
1.086065	13.3774	4.5	44.7	50	
21.14398	11.4246	3.6	28.4	31.1	
-33.0963	12.1418	7	31.4	40	
-64.3518	13.738	6	37	55	
-29.7377	13.943	4	50	55	

8.179567	12.859	8	42	47	
-6.56517	12.7617	8	28.1	47	
52.59337	13.3774	4.5	44.7	50	
122.2908	15.0865	8.5	50	69	
-61.5897	15.0164	39.2	61.4	85	
-36.4946	16.6448	17.7	76.1	88	
4.510818	16.1666	32.9	88.7	91	
-78.8476	31.3471	121	203.3	285	
-21.0173	27.8513	133	615.9	228	
-42.7558	39.9532	82.5	562.1	324	
-102.257	35.7729	99.3	716	281	
20.27918	42.6978	103.9	771.3	349	
-75.2452	59.8139	87.7	807.4	508.4	
-85.6137	57.8189	217.1	1221.8	533.2	
-85.5738	65.37544	184.94	1187.86	592.81	
-46.292	78.31396	227.87	1477.65	726.38	
-86.9357	76.36812	221.41	1434.07	706.29	
-36.0579	85.12176	250.46	1630.14	796.66	
-51.8903	93.86774	269.53	1758.85	885.98	
-46.4264	98.5087	294.88	1929.98	934.86	
-49.4896	94.19225	280.56	1833.31	890.3	
-81.1086	122.7152	375.21	2472.17	1184.76	
-86.3691	149.6176	539.5	351.15	1695.9	
-149.13	149.1851	463.04	3065.05	1458.02	
-17.3357	12.859	8	42	47	
-65.5829	12.7617	121	203.3	285	
-16.1768	13.3774	4.5	44.7	50	
4.031974	15.0865	8.5	50	69	

6.525142	15.0164	39.2	61.4	85	
-63.6345	16.6448	17.7	76.1	88	
86.17283	16.1666	32.9	88.7	91	
14.75367	31.3471	121	203.3	285	
-19.3585	27.8513	133	615.9	228	
-71.2679	39.9532	82.5	562.1	324	
4.883382	35.7729	99.3	716	281	
-7.72736	42.6978	103.9	771.3	349	
-77.2314	59.8139	87.7	807.4	508.4	
-88.8342	57.8189	217.1	1221.8	533.2	
-110.324	65.37544	184.94	1187.86	592.81	
-98.8976	78.31396	227.87	1477.65	726.38	
7.703402	31.3471	121	203.3	285	
38.85331	27.8513	133	615.9	228	
-1.3535	39.9532	82.5	562.1	324	
14.79786	35.7729	99.3	716	281	
-41.1251	42.6978	103.9	771.3	349	
-125.654	59.8139	87.7	807.4	508.4	
-49.7595	57.8189	217.1	1221.8	533.2	
-174.209	65.37544	184.94	1187.86	592.81	
-104.578	78.31396	227.87	1477.65	726.38	
-119.031	76.36812	221.41	1434.07	706.29	
-69.5744	85.12176	250.46	1630.14	796.66	
-36.4583	93.86774	269.53	1758.85	885.98	
-121.427	11.9448	7	30.4	38.1	
31.38573	11.7553	12.5	32.4	39.2	
18.08377	12.0397	2.3	31.4	36.3	
-71.0359	11.4246	3.6	28.4	31.1	

27.40844	12.1418	7	31.4	40	
-27.0698	13.738	6	37	55	
25.57862	13.943	4	50	55	
-16.3161	12.859	8	42	47	
26.01298	12.7617	8	28.1	47	
-92.0491	13.3774	4.5	44.7	50	
54.21105	11.4246	3.6	28.4	31.1	
21.1277	12.1418	7	31.4	40	
-40.8728	13.738	6	37	55	
93.74743	13.943	4	50	55	
-23.9245	12.859	8	42	47	
-7.70269	12.7617	8	28.1	47	
-60.5415	13.3774	4.5	44.7	50	
-65.8903	15.0865	8.5	50	69	
-47.5781	15.0164	39.2	61.4	85	
-26.961	16.6448	121	203.3	285	
-36.9784	16.1666	32.9	88.7	91	
-21.1935	31.3471	121	203.3	285	
-42.0729	27.8513	133	615.9	228	
9.158948	39.9532	82.5	562.1	324	
-16.3799	35.7729	99.3	716	281	
16.9147	42.6978	103.9	771.3	349	
-12.2584	59.8139	87.7	807.4	508.4	
10.61727	57.8189	217.1	1221.8	533.2	
-65.393	65.37544	184.94	1187.86	592.81	
-58.184	78.31396	227.87	1477.65	726.38	
-146.603	76.36812	221.41	1434.07	706.29	
1.786094	85.12176	250.46	1630.14	796.66	

-114.995	93.86774	269.53	1758.85	885.98	
34.79175	98.5087	294.88	1929.98	934.86	
-49.5447	94.19225	280.56	1833.31	890.3	
-168.014	122.7152	375.21	2472.17	1184.76	
-168.194	149.6176	539.5	351.15	1695.9	
-148.029	149.1851	463.04	3065.05	1458.02	
24.41849	12.859	8	42	47	
-50.8757	12.7617	8	28.1	47	
-85.0049	13.3774	4.5	44.7	50	
-63.2503	15.0865	8.5	50	69	
39.53244	15.0164	39.2	61.4	85	
87.31503	16.6448	17.7	76.1	88	
11.49972	16.1666	32.9	88.7	91	
-20.5941	31.3471	121	203.3	285	
-86.6538	27.8513	133	615.9	228	
-22.6744	39.9532	82.5	562.1	324	
35.40522	35.7729	99.3	716	281	
-127.756	98.5087	294.88	1929.98	934.86	
-63.9059	94.19225	280.56	1833.31	890.3	
-54.3004	122.7152	375.21	2472.17	1184.76	
-164.148	149.6176	539.5	351.15	1695.9	
-88.7701	149.1851	463.04	3065.05	1458.02	
-30.3474	12.859	8	42	47	
21.80601	12.7617	8	28.1	47	
2.010969	13.3774	4.5	44.7	50	
5.416298	15.0865	8.5	50	69	
-57.5359	15.0164	39.2	61.4	85	
-24.8656	16.6448	17.7	76.1	88	

-48.9375	16.1666	32.9	88.7	91	
-6.79232	31.3471	121	203.3	285	
-96.7589	27.8513	133	615.9	228	
-83.8041	39.9532	82.5	562.1	324	
13.17316	35.7729	99.3	716	281	
86.97852	42.6978	121	203.3	285	
-120.981	59.8139	87.7	807.4	508.4	
-46.6128	57.8189	217.1	1221.8	533.2	
-82.7697	65.37544	184.94	1187.86	592.81	
-31.6161	78.31396	227.87	1477.65	726.38	
-6.88099	31.3471	121	203.3	285	
-51.2629	27.8513	133	615.9	228	
57.95495	39.9532	82.5	562.1	324	
-7.98455	35.7729	99.3	716	281	
-76.7936	42.6978	103.9	771.3	349	
-15.7762	59.8139	87.7	807.4	508.4	
-7.64766	57.8189	217.1	1221.8	533.2	
-137.976	65.37544	184.94	1187.86	592.81	
-22.7059	78.31396	227.87	1477.65	726.38	
-87.0738	76.36812	221.41	1434.07	706.29	
-30.9973	85.12176	250.46	1630.14	796.66	
-78.8472	93.86774	269.53	1758.85	885.98	
-16.2136	11.9448	7	30.4	38.1	
8.757521	11.7553	12.5	32.4	39.2	
31.88554	12.0397	2.3	31.4	36.3	
13.48729	11.4246	3.6	28.4	31.1	
-101.555	12.1418	7	31.4	40	
-103.911	13.738	6	37	55	

-6.14064	13.943	4	50	55	
-84.0022	12.859	8	42	47	
11.17485	12.7617	8	28.1	47	
116.7106	13.3774	4.5	44.7	50	
-0.10742	11.4246	3.6	28.4	31.1	
25.65112	12.1418	7	31.4	40	
-41.7707	13.738	6	37	55	
-52.4195	13.943	4	50	55	
-37.4681	12.859	8	42	47	
-45.2054	12.7617	8	28.1	47	
17.56345	13.3774	4.5	44.7	50	
-16.3646	15.0865	8.5	50	69	
-21.3943	15.0164	39.2	61.4	85	
-27.6084	16.6448	17.7	76.1	88	
28.57871	16.1666	32.9	88.7	91	
-68.444	31.3471	121	203.3	285	
31.03008	27.8513	133	615.9	228	
-83.8012	39.9532	82.5	562.1	324	
7.116794	35.7729	99.3	716	281	
-50.3408	42.6978	103.9	771.3	349	
-42.8196	59.8139	87.7	807.4	508.4	
-44.9665	57.8189	217.1	1221.8	533.2	
-10.3583	65.37544	184.94	1187.86	592.81	
-115.265	78.31396	121	203.3	285	
-120.646	76.36812	221.41	1434.07	706.29	
-43.9361	85.12176	250.46	1630.14	796.66	
-18.5266	93.86774	269.53	1758.85	885.98	
-169.579	98.5087	294.88	1929.98	934.86	

12.09805	94.19225	280.56	1833.31	890.3	
18.73176	16.1666	32.9	88.7	91	
-121.521	31.3471	121	203.3	285	
-122.033	27.8513	133	615.9	228	
-46.3144	39.9532	82.5	562.1	324	
37.40926	35.7729	99.3	716	281	
-58.6741	42.6978	103.9	771.3	349	
14.90147	59.8139	87.7	807.4	508.4	
-98.7864	57.8189	217.1	1221.8	533.2	
-5.12283	65.37544	184.94	1187.86	592.81	
-58.3757	78.31396	227.87	1477.65	726.38	
-73.4743	31.3471	121	203.3	285	
-10.418	27.8513	133	615.9	228	
6.404554	39.9532	82.5	562.1	324	
9.482845	35.7729	99.3	716	281	
-46.8622	42.6978	103.9	771.3	349	
-102.659	59.8139	87.7	807.4	508.4	
-45.717	57.8189	217.1	1221.8	533.2	
-46.368	65.37544	184.94	1187.86	592.81	
-102.556	78.31396	227.87	1477.65	726.38	
-29.8966	76.36812	221.41	1434.07	706.29	
-76.4751	85.12176	250.46	1630.14	796.66	
-58.5218	93.86774	269.53	1758.85	885.98	
-25.5367	11.9448	7	30.4	38.1	
-44.3775	11.7553	12.5	32.4	39.2	
-64.4695	12.0397	2.3	31.4	36.3	
-60.3782	11.4246	3.6	28.4	31.1	
22.64592	12.1418	7	31.4	40	

-18.3391	13.738	6	37	55
78.44986	13.943	4	50	55
92.47026	12.859	8	42	47
-25.6702	12.7617	8	28.1	47
-24.411	13.3774	4.5	44.7	50
-39.0492	11.4246	3.6	28.4	31.1
-45.8463	12.1418	7	31.4	40
76.56654	13.738	6	37	55
117.0482	13.943	4	50	55
15.42897	12.859	8	42	47
-15.2205	12.7617	8	28.1	47
97.74275	13.3774	4.5	44.7	50
49.76321	15.0865	8.5	50	69
-33.7846	15.0164	121	203.3	285
-22.7942	16.6448	17.7	76.1	88
-7.62584	16.1666	32.9	88.7	91
-1.68786	31.3471	121	203.3	285
-107.367	27.8513	133	615.9	228
-30.1558	39.9532	82.5	562.1	324
-85.166	35.7729	99.3	716	281
-55.4858	42.6978	103.9	771.3	349
11.80045	59.8139	87.7	807.4	508.4
-0.19633	57.8189	217.1	1221.8	533.2
-91.4688	65.37544	184.94	1187.86	592.81
-63.8734	78.31396	227.87	1477.65	726.38
-35.8719	76.36812	221.41	1434.07	706.29
-78.6837	85.12176	250.46	1630.14	796.66
-107.266	93.86774	269.53	1758.85	885.98

-131.584	98.5087	294.88	1929.98	934.86	
-98.0742	94.19225	280.56	1833.31	890.3	
-129.73	122.7152	375.21	2472.17	1184.76	
-159.721	149.6176	539.5	351.15	1695.9	
-124.916	149.1851	463.04	3065.05	1458.02	
3.300849	12.859	8	42	47	
-79.7419	12.7617	8	28.1	47	
32.51613	13.3774	4.5	44.7	50	
23.40069	15.0865	8.5	50	69	
-20.3414	15.0164	39.2	61.4	85	
-83.7814	16.6448	17.7	76.1	88	
-52.6851	16.1666	32.9	88.7	91	
-14.6538	31.3471	121	203.3	285	
11.91487	27.8513	133	615.9	228	
-114.912	39.9532	82.5	562.1	324	
-42.9973	35.7729	99.3	716	281	
-60.7734	98.5087	294.88	1929.98	934.86	
-125.516	94.19225	280.56	1833.31	890.3	
-159.357	122.7152	375.21	2472.17	1184.76	
-134.029	149.6176	539.5	351.15	1695.9	
-45.8777	149.1851	463.04	3065.05	1458.02	
-87.4603	12.859	8	42	47	
-39.9397	12.7617	8	28.1	47	
43.14507	13.3774	4.5	44.7	50	
22.64408	15.0865	8.5	50	69	
-58.9475	15.0164	39.2	61.4	85	
32.55668	16.6448	17.7	76.1	88	
-11.9052	16.1666	32.9	88.7	91	

5.08443	31.3471	121	203.3	285	
-32.6527	27.8513	133	615.9	228	
-1.30913	39.9532	82.5	562.1	324	
-41.1905	35.7729	121	203.3	285	
-15.1815	42.6978	103.9	771.3	349	
-73.5002	59.8139	87.7	807.4	508.4	
-89.2882	57.8189	217.1	1221.8	533.2	
-32.2975	65.37544	184.94	1187.86	592.81	
-51.9389	78.31396	227.87	1477.65	726.38	
-46.2949	31.3471	121	203.3	285	
26.25248	27.8513	133	615.9	228	
-38.3141	39.9532	82.5	562.1	324	
-15.0083	35.7729	99.3	716	281	
0.345315	42.6978	103.9	771.3	349	
-66.2281	59.8139	87.7	807.4	508.4	
-2.81731	57.8189	217.1	1221.8	533.2	
-27.186	65.37544	184.94	1187.86	592.81	
-164.538	78.31396	227.87	1477.65	726.38	
-99.2324	76.36812	221.41	1434.07	706.29	
-72.2859	85.12176	250.46	1630.14	796.66	
-77.5364	93.86774	269.53	1758.85	885.98	
54.74882	11.9448	7	30.4	38.1	
-89.71	11.7553	12.5	32.4	39.2	
-98.8013	12.0397	2.3	31.4	36.3	
-32.6926	11.4246	3.6	28.4	31.1	
17.6286	12.1418	7	31.4	40	
-78.0636	13.738	6	37	55	
-0.10533	13.943	4	50	55	

40.47109	12.859	8	42	47
-89.2433	12.7617	8	28.1	47
-0.36086	13.3774	4.5	44.7	50
23.91795	11.4246	3.6	28.4	31.1
-15.8943	12.1418	7	31.4	40
-67.3409	13.738	6	37	55
18.76099	13.943	4	50	55
7.58171	12.859	8	42	47
11.76217	12.7617	8	28.1	47
-35.1387	13.3774	4.5	44.7	50
-53.2973	15.0865	8.5	50	69
67.64421	15.0164	39.2	61.4	85
-32.5508	16.6448	17.7	76.1	88
-20.2816	16.1666	32.9	88.7	91
-49.823	31.3471	121	203.3	285
3.647217	27.8513	133	615.9	228
50.07743	39.9532	82.5	562.1	324
-79.5067	35.7729	99.3	716	281
-82.227	42.6978	103.9	771.3	349
-115.028	59.8139	87.7	807.4	508.4
-6.24123	57.8189	217.1	1221.8	533.2
-97.2719	65.37544	121	203.3	285
-89.9149	78.31396	227.87	1477.65	726.38
-89.0442	76.36812	221.41	1434.07	706.29
9.692336	85.12176	250.46	1630.14	796.66
-6.51688	93.86774	269.53	1758.85	885.98
-136.275	98.5087	294.88	1929.98	934.86
-87.181	94.19225	280.56	1833.31	890.3

جدول يبين بيانات المجموعة الأولى

e	\hat{y}	X ₃	X ₂	X ₁	Y
4.340126662	-91.3366579	108.0954	574.151	330.8154	-86.9965
0.636293858	-37.6536216	109.5982	598.1947	349.8112	-37.0173
-11.6684478	24.17062902	108.1816	629.8466	345.7085	12.50218
1.559524048	61.44586111	134.7133	787.529	425.1234	63.00539
5.662337633	109.1145055	101.2903	635.0817	336.3038	114.7768

جدول يبين بيانات المجموعة الثانية

e	\hat{y}	X ₃	X ₂	X ₁	Y
12.71599395	-107.427344	120.6663	594.435	356.0142	-94.7113
-4.95455919	-47.7478795	99.0685	547.2894	321.3014	-52.7024
-46.8558691	35.76878969	119.179	682.0979	377.5914	-11.0871
-14.6634819	47.40118058	113	661.165	359.5966	32.7377
31.17015467	44.10349352	123.6496	708.313	393.7198	75.27365
22.480998	94.5279052	103.7044	652.176	343.3808	117.0089

جدول يبين بيانات المجموعة الثالثة

e	\hat{y}	X ₃	X ₂	X ₁	Y
-	13.93342944	129.5767	604.0683	380.7639	-97.7505
-	68.25890941	79.95603	440.1435	263.2879	-64.2374
-	113.5546147	126.0513	686.6201	396.8131	-25.8978
-	190.3593583	107.0624	640.5435	343.4765	12.6074
-132.7732	183.3827574	127.9503	740.5189	406.0134	50.60956
-	202.5664983	104.4784	633.7847	335.3604	93.43258
-	237.20748	102.3267	669.46	344.9867	139.5371

جدول يبين بيانات المجموعة الرابعة

e	\hat{y}	X ₃	X ₂	X ₁	Y
23.06036221	-125.116324	172.865	814.8358	505.3958	-102.056
-31.0162641	-41.5357913	82.6225	496.6029	267.4956	-72.5521
-28.6058921	-8.91067818	106.0411	584.2991	334.9257	-37.5166
-70.576023	65.73663048	122.089	697.2687	388.8531	-4.83939
-1.95545453	32.06219457	105.7692	621.7898	340.0936	30.10674
-4.11908036	67.01445073	140.1142	787.2128	439.4083	62.89537
36.08301855	59.21082245	107.8965	673.8543	350.7067	95.29384
75.33167971	55.288811	91.594	550.549	302.746	130.6205

جدول يوضح بيانات المجموعة الخامسة

e	\hat{y}	X ₃	X ₂	X ₁	Y
18.00374323	-122.45462	203.7867	933.7922	612.0833	-104.451
-23.3350522	-54.1628033	78.35395	456.9251	246.7005	-77.4979
-18.4885402	-27.2487693	105.1788	565.7208	334.773	-45.7373
-46.8439904	29.87667514	119.5767	666.0074	381.1139	-16.9673
-37.2024579	50.125275	109.8102	645.8176	351.609	12.92282
-25.0250138	67.59483516	120.7127	720.6774	379.5245	42.56982
-13.9824245	87.46483262	128.0073	731.0204	413.2792	73.48241
70.65491372	31.95853065	95.96581	580.3361	307.8874	102.6134
76.33710398	57.15141875	102.6175	613.8738	333.0325	133.4885

جدول يبين بيانات المجموعة السادسة

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
-140.64881	30.18329429	135.4971	895.04	443.8071	-110.466
-69.1218207	-14.1162521	99.12848	490.2003	298.4894	-83.2381
-57.4243343	3.211660597	101.1696	532.7487	329.2369	-54.2127
-22.3707229	-5.78438815	113.9422	631.9245	360.4149	-28.1551
-7.03613596	5.42374869	118.7865	699.5506	376.4973	-1.61239
-2.56709907	29.10033053	97.63935	560.5551	315.102	26.53323
97.80710408	-44.2878482	147.2414	845.2943	461.8731	53.51926
52.06269053	29.4484223	110.2731	674.8393	353.4315	81.51111
50.71173379	56.93685048	100.7848	643.161	337.55	107.6486
99.78128523	33.7072375	102.6175	613.8738	333.0325	133.4885

جدول يبين بيانات المجموعة السابعة

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
-169.924326	57.77179	95.545	632.185	320.315	-112.153
-21.4693345	-66.182204	108.3544	499.7476	308.7784	-87.6515
-70.9770798	8.9302352	86.7932	483.2158	292.6776	-62.0468
-38.8082501	2.912952768	111.0436	627.408	346.8579	-35.8953
-17.2006465	7.344918344	126.8832	715.0974	406.0931	-9.85573
3.345966202	12.54065533	103.448	596.7051	331.3686	15.88662
15.19857341	26.04136148	117.6089	703.3123	375.6885	41.23993
63.8575353	2.316554737	138.7403	779.7846	434.1158	66.17409
57.00860417	34.64766413	118.4037	725.7396	377.8791	91.65627
99.47058874	19.77976714	53.70429	321.715	188.75	119.2504
80.33155902	59.20556667	102.3267	669.46	344.9867	139.5371

جدول يبين بيانات المجموعة الثامنة

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
-143.589266	31.43673	95.545	632.185	320.315	-112.153
-18.3791134	-70.8731318	112.5782	509.8332	317.9386	-89.2522
-105.814407	39.69835707	89.42585	556.3376	300.0141	-66.1161
-48.3859425	7.865854375	111.1884	594.4047	350.054	-40.5201
-33.3796127	15.1112007	128.268	677.1626	405.6618	-18.2684
-6.69390249	9.674681295	107.6706	651.9635	346.6309	2.980779
16.79856473	8.61737313	102.1818	602.7313	327.133	25.41594
64.61316706	-16.8894277	135.4928	815.7668	426.2154	47.72374
45.63142079	25.04654271	122.3364	648.7547	390.8147	70.67796
89.58902141	3.199869268	120.9534	751.8073	388.8249	92.78889
72.38568425	44.98312833	61.94667	367.4425	211.4583	117.3688
66.83044169	69.10768	63.096	420.616	227.992	135.9381

جدول يبين بيانات المجموعة التاسعة

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
-157.798856	45.64632	95.545	632.185	320.315	-112.153
-50.8012907	-40.1148921	122.4589	553.8595	351.4447	-90.9162
-106.790945	36.97063588	87.28382	540.7903	293.4056	-69.8203
-38.4635724	-9.55482644	106.4636	533.6629	337.231	-48.0184
-28.4149007	0.347296944	118.3521	656.6746	374.8207	-28.0676
-18.2943102	11.6657126	117.5187	687.5562	375.224	-6.6286
3.582787133	12.04290615	108.8804	623.0476	349.0793	15.62569
10.26754119	27.6868681	104.4295	640.4329	334.8076	37.95441
85.54392107	-26.517957	159.2997	880.0775	494.6386	59.02596
49.73604903	31.94551093	97.11222	598.8557	316.5052	81.68156
89.41469062	13.69034632	126.66	763.6063	398.79	103.105
91.42927933	32.86747545	93.02182	570.89	307.76	124.2968
70.13031244	72.52515	6.05	39.2	50.05	142.6555

جدول بين بيانات المجموعة العاشرة

e	\hat{y}	X ₃	X ₂	X ₁	Y
-160.917821	48.765285	95.545	632.185	320.315	-112.153
6.91136713	-100.283958	135.6238	548.4708	383.6046	-93.3726
-53.3746052	-21.900281	84.12241	486.1907	263.1497	-75.2749
-43.6616125	-12.3683618	76.85795	405.9033	263.3908	-56.03
-47.0079712	10.191775	119.0354	675.028	369.4892	-36.8162
-36.5494993	20.21830029	132.1986	696.7769	420.754	-16.3312
-31.7280306	33.98717025	108.7702	675.1537	348.2368	2.25914
8.065151531	14.559356	105.4093	607.0408	338.8686	22.62451
9.419452172	33.18756618	111.9709	684.3407	357.3349	42.60702
18.89777758	43.04870958	150.5879	820.1046	474.9747	61.94649
60.07629976	23.07086149	102.2438	623.6023	328.9336	83.14716
60.97486009	42.13017684	126.66	763.6063	398.79	103.105
129.95171	-6.555325	72.836	434.981	245.05	123.3964
78.83593235	60.70119333	102.3267	669.46	344.9867	139.5371

جدول بين بيانات المجموعة الحادية عشر

e	\hat{y}	X ₃	X ₂	X ₁	Y
-160.917821	48.765285	112.954	748.622	370.578	-113.172
6.91136713	-100.283958	138.7758	536.06	394.5717	-95.4069
-53.3746052	-21.900281	92.12708	570.8387	294.8058	-78.3169
-43.6616125	-12.3683618	80.05333	405.0214	267.0647	-60.4376
-47.0079712	10.191775	111.9473	629.1209	351.9227	-40.4628
-36.5494993	20.21830029	119.2401	623.9386	378.5919	-21.642
-31.7280306	33.98717025	121.7608	739.5269	389.6384	-4.25459
8.065151531	14.559356	109.2115	619.4802	349.1672	15.38308
9.419452172	33.18756618	95.77837	585.6677	306.1886	34.73564
18.89777758	43.04870958	155.4641	899.5704	486.3747	52.36974
60.07629976	23.07086149	119.0455	672.6661	382.6633	70.72603
60.97486009	42.13017684	105.3417	636.7814	335.5591	88.37683
129.95171	-6.555325	95.39842	605.8005	318.8558	108.5294
78.83593235	60.70119333	116.7629	697.5129	376.1657	131.4249
78.83593235	60.70119333	3.6	28.4	31.1	147.9336

جدول بين بيانات المجموعة الثانية عشر

e	y [^]	X ₃	X ₂	X ₁	Y
-91.3810447	-24.9052667	36.76667	265.4667	124.7	-116.286
36.58339358	-136.889684	196.808	903.163	574.565	-100.306
-63.3365842	-18.9141964	73.17364	424.9055	233.0627	-82.2508
-107.6193	43.02414424	91.64394	563.4342	300.4542	-64.5952
-68.6165238	24.03764508	96.04794	469.0543	305.9143	-44.5789
-34.1549608	6.054915122	117.3141	710.5954	370.954	-28.1
-63.8686085	54.28069367	120.5828	648.1755	386.1682	-9.58791
-36.5410102	45.36946707	123.4865	701.7451	394.6837	8.828457
32.80489126	-7.40246514	97.2979	600.1463	308.7592	25.40243
24.71738796	18.49945137	116.5188	711.9567	370.9616	43.21684
23.83760025	37.04331385	160.0574	861.8251	501.0274	60.88091
59.96034752	19.91026756	96.42933	587.3569	310.6347	79.87062
53.10620871	44.39717167	136.9908	844.2279	437.4054	97.50338
24.2620864	89.09437778	26.43333	177.9333	112.5778	113.3565
83.94760538	47.47733714	116.7629	697.5129	376.1657	131.4249
129.5141842	18.4194	3.6	28.4	31.1	147.9336

جدول يبين بيانات المجموعة الثالثة عشر

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
-134.564831	14.8764	51.65	383	168	-119.688
3.492673113	-104.633125	179.5527	823.8209	525.7955	-101.14
-41.1000485	-43.4392347	68.50294	376.3159	202.1529	-84.5393
-146.181459	78.30594419	91.92645	578.7219	314.7152	-67.8755
-67.5912559	19.0055016	107.4948	529.5288	345.7568	-48.5858
-12.0262038	-21.5185738	107.3736	620.1597	327.9612	-33.5448
-38.5538316	22.25422116	133.7624	696.4715	426.5918	-16.2996
-33.0507631	33.18196075	108.2667	683.3675	348.2141	0.131198
-11.7948444	29.46382886	107.657	602.5704	347.5861	17.66898
18.6508348	16.29994052	98.79469	601.6979	314.1901	34.95078
42.18815509	8.748517273	143.3987	852.8904	447.8747	50.93667
24.45728767	43.69471269	143.1502	784.7935	461.7431	68.152
72.34475628	13.63086405	91.06838	541.173	290.1819	85.97562
73.18464335	30.03350176	134.1788	838.8541	426.0006	103.2181
39.33841662	76.62611667	36.48333	248.65	145.2	115.9645
95.81840109	35.60654143	116.7629	697.5129	376.1657	131.4249
112.7264842	35.2071	3.6	28.4	31.1	147.9336

جدول بين بيانات المجموعة الرابعة عشر

e	\hat{y}	X_3	X_2	X_1	Y
-124.722181	5.03375	51.65	383	168	-119.688
-27.3108419	-75.3302344	203.7867	933.7922	612.0833	-102.641
21.09028339	-108.869731	73.04067	384.1473	198.8393	-87.7794
-109.748894	39.1515	83.04069	506.3524	280.2038	-70.5974
-39.5142692	-14.4775091	72.88188	351.1384	245.5963	-53.9918
-42.9897433	4.755749359	123.2968	692.6813	384.7432	-38.234
-35.7471143	13.86687181	116.9447	630.6126	375.6571	-21.8802
-30.5709109	23.28827127	120.2309	688.9157	381.9317	-7.28264
-20.6729801	30.06086204	118.3248	669.7495	381.0772	9.387882
4.320012927	20.44466673	100.6586	620.9031	318.4991	24.76468
1.419387312	39.94565955	105.000A9	639.7189	340.2101	41.36505
41.46396633	15.02993557	169.6993	911.4467	526.4907	56.4939
38.69438644	32.89082366	107.6476	664.302	342.7895	71.58521
67.66935941	19.85347147	104.9409	631.7365	332.5615	87.52283
21.46536149	83.281715	118.88	753.6988	391.7094	104.7471
156.7791489	-37.8951167	55.9	275.0833	184.3667	118.884
38.52560343	95.65597286	99.99143	672.5271	339.8943	134.1816
38.52560343	95.65597286	99.99143	672.5271	339.8943	134.1816

جدول يبين بيانات المجموعة الخامسة عشر

e	\hat{y}	X ₃	X ₂	X ₁	Y
-137.143831	17.4554	51.65	383	168	-119.688
0.591534592	-104.08295	216.8475	961.0162	653.4688	-103.491
-12.5368416	-76.330792	70.794	390.8207	202.3727	-88.8676
-69.1725754	-3.41037739	81.56261	465.4922	258.2935	-72.583
-126.515532	67.20184	96.16615	511.3142	329.4704	-59.3137
-34.6297776	-9.04850175	96.26702	508.8205	304.007	-43.6783
-39.1461666	9.217871515	115.2835	688.7752	360.6817	-29.9283
-22.1983723	7.486308506	140.6129	728.0262	445.3425	-14.7121
-48.6514981	48.56647574	104.9266	662.2409	340.2071	-0.08502
-6.21359577	22.2794703	108.4867	608.7764	348.5296	16.06587
-0.94869702	32.83933839	92.22368	562.1614	299.3298	31.89064
11.68395508	34.40324108	139.8039	826.3484	442.8346	46.0872
91.73011988	-30.6611076	149.3045	808.002	455.5715	61.06901
36.75934802	38.4983225	113.9422	695.19	365.4016	75.25767
50.29956596	38.42845333	105.4337	649.374	339.6823	88.72802
33.21541807	71.98758667	121.3053	766.472	396.2233	105.203
45.17184913	71.76156	42.88	289.44	164.24	116.9334
89.74730252	41.67764	116.7629	697.5129	376.1657	131.4249
131.7505842	16.183	3.6	28.4	31.1	147.9336

جدول بين بيانات المجموعة السادسة عشر

e	y^{\wedge}	X ₃	X ₂	X ₁	Y
-152.702	25.452	4	50	55	-127.25
-141.886	34.21833	157.4133	1035.88	508.6083	-107.668
-59.8374	-31.3739	102.0981	390.4625	291.9925	-91.2114
-100.876	25.14249	96.33353	584.0712	304.6041	-75.7338
-87.0322	22.85167	86.2012	528.3796	282.9088	-64.1805
-23.7337	-24.5457	110.0793	535.3493	356.8131	-48.2794
-53.7435	18.4457	114.5088	667.3449	353.1118	-35.2978
-8.78334	-12.229	113.3755	596.5042	367.718	-21.0124
-14.2718	6.524152	115.0271	657.1181	367.9533	-7.74764
-17.5339	24.10189	123.7992	756.1272	387.8893	6.56795
18.62881	0.749722	106.4152	591.7336	346.1069	19.37853
11.81529	22.30891	88.32841	527.4755	282.2065	34.1242
34.49957	13.15703	144.802	871.6079	460.319	47.6566
73.17042	-11.2759	150.7263	807.7035	464.0933	61.89447
54.68659	20.31674	111.6519	679.2974	358.0658	75.00333
64.56626	23.66956	108.8483	670.2327	348.6427	88.23582
81.92122	22.40098	126.5053	800.9653	414.49	104.3222
88.5438	27.42073	36.48333	248.65	145.2	115.9645
117.2066	14.21837	116.7629	697.5129	376.1657	131.4249
115.5996	32.334	3.6	28.4	31.1	147.9336