

Month			Crime type	Crime_ID
75	2020-04-01		Criminal damage and arson	28481
76	2020-04-01		Drug offences	14823
77	2020-04-01		Public order offences	27515
78	2020-04-01		Theft offences	57339
79	2020-04-01		Violence and sexual offences	114177
80	2020-05-01		Criminal damage and arson	31581
81	2020-05-01		Drug offences	18468
82	2020-05-01		Public order offences	33761
83	2020-05-01		Theft offences	63101
84	2020-05-01		Violence and sexual offences	129148
85	2020-06-01		Criminal damage and arson	35154
86	2020-06-01		Drug offences	15618
87	2020-06-01		Public order offences	36628
88	2020-06-01		Theft offences	71419
89	2020-06-01		Violence and sexual offences	139847
95	2020-08-01		Criminal damage and arson	40488
96	2020-08-01		Drug offences	12487
97	2020-08-01		Public order offences	40871
98	2020-08-01		Theft offences	87227
99	2020-08-01		Violence and sexual offences	155256
100	2020-09-01		Criminal damage and arson	37722
101	2020-09-01		Drug offences	12503
102	2020-09-01		Public order offences	37295
103	2020-09-01		Theft offences	87685
104	2020-09-01		Violence and sexual offences	145452
105	2020-10-01		Criminal damage and arson	37599
106	2020-10-01		Drug offences	13768
107	2020-10-01		Public order offences	33835
108	2020-10-01		Theft offences	88364
109	2020-10-01		Violence and sexual offences	140091
110	2020-11-01		Criminal damage and arson	35828
111	2020-11-01		Drug offences	14394
112	2020-11-01		Public order offences	30182
113	2020-11-01		Theft offences	77080
114	2020-11-01		Violence and sexual offences	129192
115	2020-12-01		Criminal damage and arson	31363
116	2020-12-01		Drug offences	12803
117	2020-12-01		Public order offences	26924
118	2020-12-01		Theft offences	70119
119	2020-12-01		Violence and sexual offences	120860

Calculating the means and variances for the covid months during 2020 and 2021.

In [51]:	means2(covid_months)																								
Out [51]:																									
	<table><tr><th></th><th>Crime_type</th><th>Means</th><th>Variance</th></tr><tr><td>0</td><td>Criminal damage and arson</td><td>34777.000</td><td>14001048.0</td></tr><tr><td>1</td><td>Drug offences</td><td>14358.000</td><td>3550626.0</td></tr><tr><td>2</td><td>Public order offences</td><td>33376.375</td><td>21081157.0</td></tr><tr><td>3</td><td>Theft offences</td><td>75291.750</td><td>122849444.0</td></tr><tr><td>4</td><td>Violence and sexual offences</td><td>134252.875</td><td>158251458.0</td></tr></table>		Crime_type	Means	Variance	0	Criminal damage and arson	34777.000	14001048.0	1	Drug offences	14358.000	3550626.0	2	Public order offences	33376.375	21081157.0	3	Theft offences	75291.750	122849444.0	4	Violence and sexual offences	134252.875	158251458.0
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