THEORY OF STATISTICS.

indicate equally clearly the tendency to resemblance between father and son.

Example viii. —Association between inoculation against cholera and exemption from attack, five separate epidemics (*cf.* Example v., data from Tables IX., X., XXVIII., XXIX., XXXI. of reference 6).

| | | Not Attacked. | Attacked. | Total. |
|------------------|----|---------------|-----------------|---------|
| Inoculated . | | . 192 | 4 | 196 |
| Not inoculated . | • | . 113 | 34 | 147 |
| Total . | • | . 305 | 38 | 343 |
| | | Not Attacked. | Attacked. | Total. |
| Inoculated . | | . 5,751 | 27 | 5,778 |
| Not inoculated . | | . 6,351 | 198 | 6,549 |
| Total . | • | . 12,102 | 225 | 12,327 |
| | | Not Attacked. | Attacked. | Total. |
| Inoculated . | | 4,087 | 5 | 4,092 |
| Not inoculated . | | . 113,856 | 1,144 | 115,000 |
| Total . | •) | . 117,943 | 1,149 | 119,092 |
| | | Not Attacked. | Attacked. | Total. |
| Inoculated . | | . 8,332 | 8 | 8,340 |
| Not inoculated . | | . 84,444 | 556 | 85,000 |
| Total . | • | . 92,776 | $\frac{-}{564}$ | 93,340 |
| | | Not Attacked. | Attacked. | Total. |
| Inoculated . | | . 4,870 | 5 | 4,875 |
| Not inoculated . | | . 153,096 | 904 | 154,000 |
| Total . | | . 157,966 | 909 | 158,875 |

With the table of Example v. the above give data for six separate epidemics, in all of which the same method of inocula-

34