**Soluzioni dell’Esame di Statistica**

**Appello del 22 settembre 2014**

|  |  |  |
| --- | --- | --- |
|  | **Tabella2** |  |
| **N. Polipi** | **Freq.Ass.** | **Freq.Cum** |
| **1** | 6 | 6 |
| **2** | 8 | 14 |
| **3** | 11 | 25 |
| **4** | 8 | 33 |
| **5** | 5 | 38 |
| **6** | 6 | 44 |
| **7** | 6 | 50 |
| **Totali** | **50** | **xxx** |

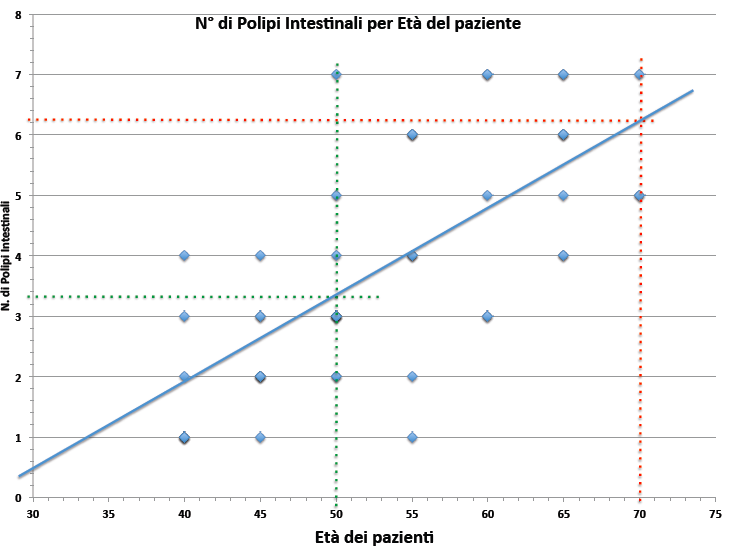
Me=(Y25+Y26)/2=(3+4)/2=3,5; Q1=Y13=2;Q3=Y38=5;

|  |  |
| --- | --- |
| Mx= | 53,20 |
| My= | 3,80 |
| Vx= | 81,76 |
| Vy= | 3,56 |
| St.Dev.x= | 9,04 |
| St.Dev.y= | 1,89 |
| CVx= | 0,17 |
| CVy= | 0,50 |

***Variabilità di X < Variabilità di Y***

|  |  |
| --- | --- |
| CovXY= | 11,94 |
| rxy= | 0,700 |
| b'= | 0,146 |
| a'= | -3,969 |
| x=50; y= | 3,333 |
| x=70; y= | 6,253 |

***Previsione molto attendibile***

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***Frequenza Relativa(165 < X < 175)=0.5403***

***Q2=Me=M=0.5000***