**TUGAS PERTEMUAN 12**

**STATISTIKA DAN PROBABILITAS**

**SLIDE 21 & 37**



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1. **SLIDE 21**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Y** | **X** | ***y*** | ***x*** | ***xy*** | ***x2*** | ***y2*** |
| 30 | 6 | -7 | -1 | 7 | 1 | 49 |
| 49 | 9 | 12 | 2 | 24 | 4 | 144 |
| 18 | 3 | -19 | -4 | 76 | 16 | 361 |
| 42 | 8 | 5 | 1 | 5 | 1 | 25 |
| 39 | 7 | 2 | 0 | 0 | 0 | 4 |
| 25 | 5 | -12 | -2 | 24 | 4 | 144 |
| 41 | 8 | 4 | 1 | 4 | 1 | 16 |
| 52 | 10 | 15 | 3 | 45 | 9 | 225 |
|  |  |  |  |  |  |  |
|  |  |

* **Persamaan Regresi**
* **Koefisien Korelasi**

1. **SLIDE 37**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **X** | **Y** | ***x*** | ***y*** | ***x2*** | ***y2*** | ***xy*** |
| 1 | 2 | -5,25 | -5,75 | 27,5625 | 33,0625 | 30,1875 |
| 2 | 4 | -4,25 | -3,75 | 18,0625 | 14,0625 | 15,9375 |
| 4 | 5 | -2,25 | -2,75 | 5,0625 | 7,5625 | 6,1875 |
| 5 | 7 | -1,25 | -0,75 | 1,5625 | 0,5625 | 0,9375 |
| 7 | 8 | 0,75 | 0,25 | 0,5625 | 0,0625 | 0,1875 |
| 9 | 10 | 2,75 | 2,25 | 7,5625 | 5,0625 | 6,1875 |
| 10 | 12 | 3,75 | 4,25 | 14,0625 | 18,0625 | 15,9375 |
| 12 | 14 | 5,75 | 6,25 | 33,0625 | 39,0625 | 35,9375 |
|  |  |  |  |  |  |  |
|  |  |

* **Koefisien Korelasi**
* **Persamaan Regresi**