**Lampiran Hasil Uji Manual**

**Uji Validitas dan Realibilitas**

Tabulasi data variabel fluktuasi Harga (X)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Pernyataan** | | | | | **Jumlah** |
| 1 | 4 | 5 | 5 | 5 | 5 | 24 |
| 2 | 3 | 4 | 5 | 3 | 4 | 19 |
| 3 | 4 | 4 | 4 | 4 | 4 | 20 |
| 4 | 5 | 5 | 5 | 5 | 5 | 25 |
| 5 | 5 | 5 | 5 | 3 | 4 | 22 |
| 6 | 5 | 5 | 5 | 4 | 3 | 22 |
| 7 | 5 | 5 | 5 | 5 | 5 | 25 |
| 8 | 5 | 5 | 5 | 5 | 5 | 25 |
| 9 | 5 | 5 | 5 | 5 | 5 | 25 |
| 10 | 5 | 5 | 5 | 4 | 5 | 24 |
| 11 | 3 | 4 | 4 | 4 | 4 | 19 |
| 12 | 3 | 4 | 3 | 3 | 4 | 17 |
| 13 | 4 | 4 | 4 | 3 | 4 | 19 |
| 14 | 4 | 5 | 5 | 5 | 4 | 23 |
| 15 | 4 | 5 | 4 | 4 | 5 | 22 |
| 16 | 4 | 4 | 4 | 4 | 4 | 20 |
| 17 | 4 | 3 | 4 | 5 | 4 | 20 |
| 18 | 4 | 5 | 5 | 4 | 4 | 22 |
| 19 | 4 | 4 | 5 | 5 | 4 | 22 |
| 20 | 5 | 5 | 5 | 3 | 3 | 21 |
| 21 | 4 | 5 | 5 | 5 | 5 | 24 |
| 22 | 4 | 5 | 5 | 5 | 4 | 23 |
| 23 | 4 | 3 | 4 | 4 | 4 | 19 |
| 24 | 3 | 3 | 4 | 3 | 3 | 16 |
| 25 | 5 | 4 | 4 | 4 | 3 | 20 |
| 26 | 3 | 4 | 5 | 5 | 5 | 22 |
| 27 | 5 | 4 | 5 | 4 | 4 | 22 |
| 28 | 3 | 4 | 4 | 4 | 4 | 19 |
| 29 | 5 | 4 | 3 | 4 | 5 | 21 |
| 30 | 4 | 5 | 5 | 5 | 5 | 24 |
| 31 | 5 | 5 | 5 | 5 | 4 | 24 |
| 32 | 5 | 5 | 5 | 5 | 5 | 25 |
| 33 | 4 | 5 | 5 | 5 | 4 | 23 |
| 34 | 4 | 4 | 4 | 4 | 3 | 19 |
| 35 | 3 | 4 | 3 | 3 | 3 | 16 |
| 36 | 3 | 4 | 4 | 4 | 3 | 18 |
| 37 | 5 | 4 | 4 | 5 | 5 | 23 |
| 38 | 4 | 5 | 5 | 4 | 5 | 23 |
| 39 | 4 | 4 | 5 | 4 | 4 | 21 |
| 40 | 5 | 4 | 5 | 4 | 3 | 21 |
| 41 | 4 | 4 | 5 | 5 | 5 | 23 |
| 42 | 5 | 4 | 4 | 5 | 4 | 22 |
| 43 | 3 | 3 | 5 | 5 | 4 | 20 |
| 44 | 5 | 5 | 5 | 5 | 5 | 25 |
| 45 | 3 | 4 | 5 | 5 | 5 | 22 |
| 46 | 4 | 4 | 4 | 4 | 3 | 19 |
| 47 | 5 | 5 | 5 | 5 | 5 | 25 |
| 48 | 5 | 5 | 5 | 5 | 5 | 25 |
| 49 | 4 | 3 | 5 | 5 | 4 | 21 |
| 50 | 5 | 5 | 5 | 5 | 5 | 25 |
| 51 | 5 | 5 | 5 | 5 | 4 | 24 |
| 52 | 5 | 5 | 5 | 5 | 5 | 25 |
| 53 | 4 | 5 | 5 | 5 | 4 | 23 |
| 54 | 4 | 4 | 4 | 4 | 3 | 19 |
| 55 | 3 | 4 | 3 | 3 | 3 | 16 |
| 56 | 3 | 4 | 4 | 4 | 3 | 18 |
| 57 | 5 | 4 | 4 | 5 | 5 | 23 |
| 58 | 4 | 5 | 5 | 4 | 5 | 23 |
| 59 | 4 | 4 | 5 | 4 | 4 | 21 |
| 60 | 5 | 4 | 5 | 4 | 3 | 21 |
| 61 | 4 | 4 | 5 | 5 | 5 | 23 |
| 62 | 5 | 4 | 4 | 5 | 4 | 22 |
| 63 | 3 | 3 | 5 | 5 | 4 | 20 |
| 64 | 5 | 5 | 5 | 5 | 5 | 25 |
| 65 | 5 | 4 | 5 | 5 | 3 | 22 |
| 66 | 4 | 4 | 4 | 4 | 4 | 20 |
| 67 | 3 | 3 | 4 | 4 | 5 | 19 |
| 68 | 4 | 3 | 4 | 4 | 4 | 19 |
| 69 | 5 | 5 | 4 | 5 | 3 | 22 |
| 70 | 4 | 4 | 5 | 5 | 4 | 22 |
| 71 | 4 | 4 | 4 | 4 | 3 | 19 |
| 72 | 4 | 5 | 4 | 3 | 3 | 19 |
| 73 | 4 | 4 | 4 | 4 | 4 | 20 |
| 74 | 3 | 3 | 3 | 3 | 4 | 16 |
| 75 | 4 | 5 | 4 | 5 | 4 | 22 |
| 76 | 5 | 5 | 5 | 5 | 3 | 23 |
| 77 | 5 | 5 | 5 | 5 | 5 | 25 |
| 78 | 5 | 5 | 5 | 5 | 4 | 24 |
| 79 | 4 | 4 | 4 | 4 | 4 | 20 |
| 80 | 4 | 4 | 4 | 4 | 4 | 20 |
| **∑X** | **336** | **345** | **361** | **350** | **329** |  |
| **∑Y** |  |  |  |  |  | **1721** |
| **∑X2** | **1454** | **1523** | **1659** | **1570** | **1397** |  |
| **∑Y2** |  |  |  |  |  | **37507** |
| **∑X.Y** | **7330** | **7515** | **7856** | **7633** | **7173** |  |

Tabulasi data variabel Minat beli (Y)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Pernyataan** | | | | | | **Jumlah** |
| 1 | 5 | 3 | 5 | 5 | 5 | 4 | 27 |
| 2 | 5 | 5 | 4 | 4 | 5 | 4 | 27 |
| 3 | 4 | 3 | 4 | 4 | 4 | 5 | 24 |
| 4 | 5 | 4 | 4 | 5 | 5 | 4 | 27 |
| 5 | 4 | 5 | 3 | 4 | 5 | 4 | 25 |
| 6 | 5 | 4 | 3 | 3 | 5 | 5 | 25 |
| 7 | 5 | 5 | 4 | 5 | 3 | 4 | 26 |
| 8 | 5 | 4 | 3 | 5 | 5 | 5 | 27 |
| 9 | 5 | 4 | 4 | 5 | 5 | 4 | 27 |
| 10 | 5 | 4 | 5 | 5 | 5 | 4 | 28 |
| 11 | 4 | 3 | 4 | 4 | 4 | 4 | 23 |
| 12 | 3 | 3 | 4 | 4 | 3 | 5 | 22 |
| 13 | 4 | 3 | 4 | 4 | 4 | 5 | 24 |
| 14 | 5 | 5 | 4 | 4 | 4 | 5 | 27 |
| 15 | 4 | 5 | 5 | 5 | 5 | 4 | 28 |
| 16 | 4 | 4 | 4 | 4 | 5 | 5 | 26 |
| 17 | 4 | 3 | 4 | 4 | 5 | 5 | 25 |
| 18 | 5 | 5 | 4 | 4 | 5 | 5 | 28 |
| 19 | 5 | 4 | 4 | 4 | 4 | 4 | 25 |
| 20 | 5 | 4 | 4 | 3 | 5 | 4 | 25 |
| 21 | 5 | 5 | 5 | 4 | 5 | 4 | 28 |
| 22 | 5 | 3 | 4 | 4 | 5 | 4 | 25 |
| 23 | 4 | 4 | 3 | 4 | 4 | 5 | 24 |
| 24 | 4 | 5 | 4 | 5 | 4 | 4 | 26 |
| 25 | 4 | 4 | 3 | 5 | 4 | 4 | 24 |
| 26 | 5 | 3 | 5 | 3 | 4 | 5 | 25 |
| 27 | 5 | 4 | 5 | 5 | 5 | 4 | 28 |
| 28 | 4 | 3 | 4 | 3 | 4 | 4 | 22 |
| 29 | 3 | 3 | 3 | 5 | 4 | 5 | 23 |
| 30 | 5 | 4 | 5 | 4 | 5 | 4 | 27 |
| 31 | 5 | 5 | 5 | 5 | 5 | 4 | 29 |
| 32 | 5 | 5 | 5 | 5 | 5 | 5 | 30 |
| 33 | 5 | 5 | 5 | 4 | 5 | 4 | 28 |
| 34 | 3 | 4 | 4 | 4 | 4 | 5 | 24 |
| 35 | 5 | 4 | 5 | 4 | 5 | 4 | 27 |
| 36 | 4 | 4 | 4 | 4 | 4 | 4 | 24 |
| 37 | 4 | 5 | 5 | 3 | 4 | 4 | 25 |
| 38 | 4 | 5 | 4 | 4 | 5 | 5 | 27 |
| 39 | 4 | 4 | 4 | 4 | 4 | 5 | 25 |
| 40 | 4 | 3 | 4 | 5 | 4 | 5 | 25 |
| 41 | 4 | 5 | 5 | 4 | 4 | 5 | 27 |
| 42 | 4 | 4 | 5 | 4 | 4 | 4 | 25 |
| 43 | 5 | 5 | 5 | 5 | 4 | 5 | 29 |
| 44 | 4 | 5 | 5 | 4 | 5 | 5 | 28 |
| 45 | 3 | 4 | 5 | 3 | 4 | 5 | 24 |
| 46 | 4 | 4 | 4 | 4 | 4 | 4 | 24 |
| 47 | 5 | 5 | 5 | 5 | 5 | 5 | 30 |
| 48 | 5 | 5 | 4 | 3 | 4 | 5 | 26 |
| 49 | 5 | 5 | 5 | 4 | 3 | 5 | 27 |
| 50 | 5 | 5 | 5 | 4 | 5 | 5 | 29 |
| 51 | 5 | 5 | 5 | 5 | 5 | 5 | 30 |
| 52 | 5 | 5 | 5 | 5 | 5 | 5 | 30 |
| 53 | 5 | 5 | 5 | 4 | 5 | 5 | 29 |
| 54 | 3 | 4 | 4 | 4 | 4 | 4 | 23 |
| 55 | 3 | 4 | 3 | 4 | 4 | 3 | 21 |
| 56 | 4 | 4 | 4 | 4 | 4 | 4 | 24 |
| 57 | 4 | 5 | 5 | 3 | 4 | 4 | 25 |
| 58 | 4 | 5 | 4 | 4 | 5 | 5 | 27 |
| 59 | 4 | 4 | 4 | 4 | 4 | 5 | 25 |
| 60 | 4 | 3 | 4 | 5 | 4 | 5 | 25 |
| 61 | 4 | 5 | 5 | 4 | 4 | 5 | 27 |
| 62 | 4 | 4 | 5 | 4 | 4 | 4 | 25 |
| 63 | 5 | 5 | 5 | 5 | 4 | 5 | 29 |
| 64 | 4 | 5 | 5 | 4 | 5 | 5 | 28 |
| 65 | 4 | 5 | 5 | 4 | 4 | 5 | 27 |
| 66 | 4 | 3 | 4 | 4 | 3 | 4 | 22 |
| 67 | 3 | 3 | 4 | 3 | 3 | 4 | 20 |
| 68 | 5 | 4 | 4 | 4 | 3 | 4 | 24 |
| 69 | 3 | 4 | 5 | 4 | 5 | 4 | 25 |
| 70 | 5 | 4 | 5 | 5 | 5 | 5 | 29 |
| 71 | 3 | 4 | 4 | 4 | 4 | 4 | 23 |
| 72 | 5 | 4 | 3 | 4 | 3 | 4 | 23 |
| 73 | 4 | 3 | 4 | 4 | 3 | 4 | 22 |
| 74 | 4 | 5 | 4 | 3 | 4 | 3 | 23 |
| 75 | 4 | 4 | 4 | 4 | 4 | 4 | 24 |
| 76 | 5 | 4 | 3 | 4 | 5 | 5 | 26 |
| 77 | 5 | 5 | 5 | 3 | 3 | 5 | 26 |
| 78 | 4 | 5 | 4 | 5 | 4 | 5 | 27 |
| 79 | 4 | 3 | 4 | 4 | 4 | 4 | 23 |
| 80 | 4 | 3 | 4 | 4 | 4 | 4 | 23 |
| **∑X** | **346** | **335** | **343** | **331** | **344** | **357** |  |
| **∑Y** |  |  |  |  |  |  | **2056** |
| **∑X2** | **1532** | **1449** | **1505** | **1401** | **1514** | **1617** |  |
| **∑Y2** |  |  |  |  |  |  | **53254** |
| **∑X.Y** | **8972** | **8702** | **8885** | **8562** | **8917** | **9216** |  |

1. **Uji Validitas**

**Uji Validitas Variabel Fluktuasi Harga (X) Dengan Rumus Korelasi Product Moment**



=

= = = = 0,707

=

= = = = 0,714

=

= = = = 0,747

=

= = = = 0,757

=

= = = = 0,654

**Uji Validitas Variabel Minat Beli (Y) Dengan Rumus Korelasi Product Moment**



=

= = = = 0,657

=

= = = = 0,668

=

= = = = 0,585

=

= = = = 0,484

=

= = = = 0,634

=

= = = = 0,413

1. **Uji Reliabilitas**

**Uji Reliabilitas Variabel Fluktuasi Harga (X) Dengan Menggunakan Rumus ALPHA**

) Dengan rumus Varians

1. = = 0,535
2. = = 0,439
3. = = 0,374
4. = = 0,484
5. = = 0,549

0,439 + + +

= = = = 6,049

) =

=

= (1,25) (0,60638122)

= **0,757**

**Uji Reliabilitas Variabel Minat Beli (Y) Dengan Menggunakan Rumus ALPHA**

) Dengan rumus Varians

1. = = 0,444
2. = = 0,577
3. = = 0,429
4. = = 0,394
5. = = 0,435
6. = = 0,298

0,577 + + + + **2,577**

= = = = 5,185

) =

=

= (1,2) (0,5029893925)

= **0,603**

**Tabulasi Variabel X dan Y**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NO** | **X** | **X.X** | **Y** | **Y.Y** | **X.Y** |
| **1** | 24 | 576 | 27 | 729 | 648 |
| **2** | 19 | 361 | 27 | 729 | 513 |
| **3** | 20 | 400 | 24 | 576 | 480 |
| **4** | 25 | 625 | 27 | 729 | 675 |
| **5** | 22 | 484 | 25 | 625 | 550 |
| **6** | 22 | 484 | 25 | 625 | 550 |
| **7** | 25 | 625 | 26 | 676 | 650 |
| **8** | 25 | 625 | 27 | 729 | 675 |
| **9** | 25 | 625 | 27 | 729 | 675 |
| **10** | 24 | 576 | 28 | 784 | 672 |
| **11** | 19 | 361 | 23 | 529 | 437 |
| **12** | 17 | 289 | 22 | 484 | 374 |
| **13** | 19 | 361 | 24 | 576 | 456 |
| **14** | 23 | 529 | 27 | 729 | 621 |
| **15** | 22 | 484 | 28 | 784 | 616 |
| **16** | 20 | 400 | 26 | 676 | 520 |
| **17** | 20 | 400 | 25 | 625 | 500 |
| **18** | 22 | 484 | 28 | 784 | 616 |
| **19** | 22 | 484 | 25 | 625 | 550 |
| **20** | 21 | 441 | 25 | 625 | 525 |
| **21** | 24 | 576 | 28 | 784 | 672 |
| **22** | 23 | 529 | 25 | 625 | 575 |
| **23** | 19 | 361 | 24 | 576 | 456 |
| **24** | 16 | 256 | 26 | 676 | 416 |
| **25** | 20 | 400 | 24 | 576 | 480 |
| **26** | 22 | 484 | 25 | 625 | 550 |
| **27** | 22 | 484 | 28 | 784 | 616 |
| **28** | 19 | 361 | 22 | 484 | 418 |
| **29** | 21 | 441 | 23 | 529 | 483 |
| **30** | 24 | 576 | 27 | 729 | 648 |
| **31** | 24 | 576 | 29 | 841 | 696 |
| **32** | 25 | 625 | 30 | 900 | 750 |
| **33** | 23 | 529 | 28 | 784 | 644 |
| **34** | 19 | 361 | 24 | 576 | 456 |
| **35** | 16 | 256 | 27 | 729 | 432 |
| **36** | 18 | 324 | 24 | 576 | 432 |
| **37** | 23 | 529 | 25 | 625 | 575 |
| **38** | 23 | 529 | 27 | 729 | 621 |
| **39** | 21 | 441 | 25 | 625 | 525 |
| **40** | 21 | 441 | 25 | 625 | 525 |
| **41** | 23 | 529 | 27 | 729 | 621 |
| **42** | 22 | 484 | 25 | 625 | 550 |
| **43** | 20 | 400 | 29 | 841 | 580 |
| **44** | 25 | 625 | 28 | 784 | 700 |
| **45** | 22 | 484 | 24 | 576 | 528 |
| **46** | 19 | 361 | 24 | 576 | 456 |
| **47** | 25 | 625 | 30 | 900 | 750 |
| **48** | 25 | 625 | 26 | 676 | 650 |
| **49** | 21 | 441 | 27 | 729 | 567 |
| **50** | 25 | 625 | 29 | 841 | 725 |
| **51** | 24 | 576 | 30 | 900 | 720 |
| **52** | 25 | 625 | 30 | 900 | 750 |
| **53** | 23 | 529 | 29 | 841 | 667 |
| **54** | 19 | 361 | 23 | 529 | 437 |
| **55** | 16 | 256 | 21 | 441 | 336 |
| **56** | 18 | 324 | 24 | 576 | 432 |
| **57** | 23 | 529 | 25 | 625 | 575 |
| **58** | 23 | 529 | 27 | 729 | 621 |
| **59** | 21 | 441 | 25 | 625 | 525 |
| **60** | 21 | 441 | 25 | 625 | 525 |
| **61** | 23 | 529 | 27 | 729 | 621 |
| **62** | 22 | 484 | 25 | 625 | 550 |
| **63** | 20 | 400 | 29 | 841 | 580 |
| **64** | 25 | 625 | 28 | 784 | 700 |
| **65** | 22 | 484 | 27 | 729 | 594 |
| **66** | 20 | 400 | 22 | 484 | 440 |
| **67** | 19 | 361 | 20 | 400 | 380 |
| **68** | 19 | 361 | 24 | 576 | 456 |
| **69** | 22 | 484 | 25 | 625 | 550 |
| **70** | 22 | 484 | 29 | 841 | 638 |
| **71** | 19 | 361 | 23 | 529 | 437 |
| **72** | 19 | 361 | 23 | 529 | 437 |
| **73** | 20 | 400 | 22 | 484 | 440 |
| **74** | 16 | 256 | 23 | 529 | 368 |
| **75** | 22 | 484 | 24 | 576 | 528 |
| **76** | 23 | 529 | 26 | 676 | 598 |
| **77** | 25 | 625 | 26 | 676 | 650 |
| **78** | 24 | 576 | 27 | 729 | 648 |
| **79** | 20 | 400 | 23 | 529 | 460 |
| **80** | 20 | 400 | 23 | 529 | 460 |
| **Total(∑)** | **1721** | **37507** | **2056** | **53254** | **44523** |

1. **Regresi Liniear Sederhana**

Untuk memprediksi seberapa besar pengaruh variabel fluktuasi harga (X) dengan variabel minat beli (Y), digunakan persamaan regresi linier sederhana, yaitu ;

**Y = a + bX**

b = =

=

**=**  = 0,606

a **=**  =

=

= 12,663

Sehingga diperoleh persamaan : Y = 12,663 + 0,606X

1. **Uji T**



=

=

= = = = 0,655

t = = =

= = 7,660

1. **Uji Determinasi**

D = R2 x 100%

= 0,6552  x 100%

= 0,429025 x 100%

= 42,90%

**Uji r**











0,654