

DAFTAR LAMPIRAN

Lampiran 1 Hasil penimbangan kain anyaman polos

| Sampel | Berat (g/m ²) | (x - \bar{x}) ² |
|-----------|---------------------------|-------------------------------|
| 1 | 128.80 | 2.78 |
| 2 | 127.04 | 0.01 |
| 3 | 126.56 | 0.32 |
| 4 | 127.46 | 0.11 |
| 5 | 125.80 | 1.78 |
| \bar{x} | 127,13 | $\Sigma = 5.00$ |

- Standar deviasi

$$s = \sqrt{\frac{\sum_{i=1}^n (x - \bar{x})^2}{n-1}}$$

$$s = \sqrt{\frac{5,00}{4}}$$

$$s = 1,11$$

- Koefisien Variasi (CV)

$$CV = \frac{s}{\bar{x}} \times 100\%$$

$$CV = \frac{1,12}{127,13} \times 100\%$$

$$CV = 0,88\%$$

- Sampling Error

$$E\% = \frac{t \times CV}{\sqrt{n}}$$

$$E\% = \frac{1,96 \times 0,88}{\sqrt{5}}$$

$$E = 0,77\%$$

Lampiran 2 Hasil penimbangan kain anyaman keper

| Sampel | Berat (g/m ²) | (x- \bar{x}) ² |
|-----------|---------------------------|------------------------------|
| 1 | 124.3 | 0.04 |
| 2 | 124.2 | 0.09 |
| 3 | 124.5 | 2.02 |
| 4 | 126.3 | 3.24 |
| 5 | 123.2 | 1.69 |
| \bar{x} | 124.5 | $\Sigma = 5.06$ |

- Standar deviasi

$$s = \sqrt{\frac{\sum_{i=1}^n (x-\bar{x})^2}{n-1}}$$

$$s = \sqrt{\frac{5,06}{4}}$$

$$s = 1,12$$

- Koefisien Variasi (CV)

$$CV = \frac{S}{\bar{x}} \times 100\%$$

$$CV = \frac{1,12}{127,13} \times 100\%$$

$$CV = 0,90\%$$

- Sampling Error

$$E\% = \frac{t \times CV}{\sqrt{n}}$$

$$E\% = \frac{1,96 \times 0,88}{\sqrt{5}}$$

$$E = 0,79\%$$

Lampiran 3 Hasil pengujian kekuatan tarik kain anyaman polos

| Sampel | Lusi | (x- x)^2 | Pakan | (x- x)^2 |
|-----------|--------|-------------------|--------|-------------------|
| 1 | 451.11 | 10.82 | 379.16 | 29.22 |
| 2 | 443.41 | 120.78 | 381.58 | 8.92 |
| 3 | 452.56 | 3.39 | 376.25 | 69.16 |
| 4 | 462.21 | 61.00 | 392.69 | 66.00 |
| 5 | 462.71 | 69.06 | 393.15 | 73.69 |
| \bar{x} | 454.40 | $\Sigma = 265.04$ | 384.57 | $\Sigma = 246.98$ |

- Standar deviasi Lusi

$$s = \sqrt{\frac{\sum_{i=1}^n (x-\bar{x})^2}{n-1}}$$

$$s = \sqrt{\frac{265,04}{4}}$$

$$s = 7,28$$

- Koefisien Variasi (CV) Lusi

$$CV = \frac{S}{\bar{x}} \times 100\%$$

$$CV = \frac{7,28}{454,4} \times 100\%$$

$$CV = 1,60 \%$$

- Sampling Error Lusi

$$E\% = \frac{t \times CV}{\sqrt{n}}$$

$$E\% = \frac{1,96 \times 1,60}{\sqrt{5}}$$

$$E = 1,40\%$$

- Standar deviasi Pakan

$$s = \sqrt{\frac{\sum_{i=1}^n (x-\bar{x})^2}{n-1}}$$

$$s = \sqrt{\frac{246,98}{4}}$$

$$s = 7,03$$

- Koefisien Variasi (CV) Pakan

$$CV = \frac{S}{\bar{x}} \times 100\%$$

$$CV = \frac{7,03}{384,57} \times 100\%$$

$$CV = 1,83 \%$$

- Sampling Error Pakan

$$E\% = \frac{t \times CV}{\sqrt{n}}$$

$$E\% = \frac{1,96 \times 1,83}{\sqrt{5}}$$

$$E = 1,60\%$$

Lampiran 4 Hasil pengujian kekuatan tarik kain anyaman keper

| Sampel | Lusi | (x- x)^2 | Pakan | (x- x)^2 |
|-----------|--------|-------------------|--------|-------------------|
| 1 | 454.52 | 123.52 | 383.03 | 69.19 |
| 2 | 441.95 | 2.12 | 387.86 | 172.87 |
| 3 | 428.43 | 224.28 | 352.12 | 510.40 |
| 4 | 453.52 | 102.29 | 369.47 | 27.48 |
| 5 | 438.61 | 23.00 | 381.08 | 40.55 |
| \bar{x} | 443.41 | $\Sigma = 475,22$ | 374.71 | $\Sigma = 820,49$ |

- Standar deviasi Lusi

$$s = \sqrt{\frac{\sum_{i=1}^n (x-\bar{x})^2}{n-1}}$$

$$s = \sqrt{\frac{475,22}{4}}$$

$$s = 9,75$$

- Koefisien Variasi (CV) Lusi

$$CV = \frac{S}{\bar{x}} \times 100\%$$

$$CV = \frac{9,75}{443,41} \times 100\%$$

$$CV = 2,20 \%$$

- Sampling Error Lusi

$$E\% = \frac{t \times CV}{\sqrt{n}}$$

$$E\% = \frac{1,96 \times 2,20}{\sqrt{5}}$$

$$E = 1,93 \%$$

- Standar deviasi Pakan

$$s = \sqrt{\frac{\sum_{i=1}^n (x-\bar{x})^2}{n-1}}$$

$$s = \sqrt{\frac{820,49}{4}}$$

$$s = 12,81$$

- Koefisien Variasi (CV) Pakan

$$CV = \frac{S}{\bar{x}} \times 100\%$$

$$CV = \frac{12,81}{374,71} \times 100\%$$

$$CV = 3,42 \%$$

- Sampling Error Pakan

$$E\% = \frac{t \times CV}{\sqrt{n}}$$

$$E\% = \frac{1,96 \times 3,42}{\sqrt{5}}$$

$$E = 3,00\%$$