1. **ANALISA DATA**
2. **Analisis dalam kondisi**
   1. **Fase Baseline (A)**
3. Panjang kondisi

|  |  |
| --- | --- |
| Kondisi | Panjang Kondisi |
| Baseline A | 4 |

1. Estimasi Kecenderungan Arah

|  |  |
| --- | --- |
| Kondisi | Baseline A |
| Estimasi Kecenderungan Arah | (+) |

1. Kecenderungan stabilitas baseline (A)

Mean level =

= = 2,25

Rentang stabilitas

|  |  |  |
| --- | --- | --- |
| Nilai Tertinggi | X Kriteria Stabilitas | = Rentang Stabilitas |
| 3 | X 0,15 | = 0,45 |

Batas Atas

|  |  |  |
| --- | --- | --- |
| Mean Level | + Setengah Rentang Stabilitas | Batas Atas |
| 2,25 | + 0,22 | = 2,47 |

Batas Bawah

|  |  |  |
| --- | --- | --- |
| Mean Level | **-**Setengah Rentang Stabilitas | Batas Bawah |
| 2,25 | -0,22 | = 2,03 |

1. Kecenderungan Stabilitas

3 : 4 x 100% = 0%

|  |  |
| --- | --- |
| Kondisi | Baseline (A) |
| Kecenderungan Stabilitas | Tidak stabil  0% |

1. Kecenderungan Jejak Data

|  |  |
| --- | --- |
| Kondisi | Baseline (A) |
| Kecenderungan Jejak Data | (+) |

1. Level Stabilitas dan Rentang

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kondisi | Data Terakhir | - | Data Pertama | Jumlah Perubahan Level |
| Baseline (A) | 3 | - | 2 | = 1 |

1. Perubahan Level (level change)

|  |  |
| --- | --- |
| Kondisi | Baseline (A) |
| Perubahan Level (level change) | 2 - 3  (+1) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mengambil warna bunchmes sesuai instruksi | 2 | 2 | 2 | 3 |
| Mean Level | 2,25 | 2,25 | 2,25 | 2,25 |
| Batas Atas (UCL) | 2,47 | 2,47 | 2,47 | 2,47 |
| Batas Bawah (LCL) | 2,03 | 2,03 | 2,03 | 2,03 |

* 1. **Fase Treatment (B)**

a). Panjang kondisi

|  |  |
| --- | --- |
| Kondisi | Panjang Kondisi |
| Treatment (B) | 8 |

b). Estimasi Kecenderungan Arah

|  |  |
| --- | --- |
| Kondisi | Treatment (B) |
| Estimasi Kecenderungan Arah | (+) |

c). Kecenderungan Stabilitas Treatment (B)

Mean Level :

Rentang Stabilitas

|  |  |  |
| --- | --- | --- |
| Nilai Tertinggi | X kriteria stabilitas | = Rentang stabilitas |
| 5 | X 0,15 | = 0,75 |

Batas Atas

|  |  |  |
| --- | --- | --- |
| Mean Level | + Setengah Rentang Stabilitas | = Batas atas |
| 4,5 | + 0,37 | = 4,87 |

Batas Bawah

|  |  |  |
| --- | --- | --- |
| Mean Level | −setengah rentang stabilitas | = Batas bawah |
| 4,5 | −0,37 | = 4,13 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Jumlah bunchems** | **3** | **3** | **5** | **5** | **5** | **5** | **5** | **5** |
| **Mean Level** | **4,5** | **4,5** | **4,5** | **4,5** | **4,5** | **4,5** | **4,5** | **4,5** |
| **Batas Atas (UCL)** | **4,87** | **4,87** | **4,87** | **4,87** | **4,87** | **4,87** | **4,87** | **4,87** |
| **Batas Bawah (LCL)** | **4,13** | **4,13** | **4,13** | **4,13** | **4,13** | **4,13** | **4,13** | **4,13** |

d). Kecenderungan Stablitas

|  |  |
| --- | --- |
| Kondisi | Treatment (B) |
| Kecenderungan stabilitas | Tidak Stabil  0% |

e). Kecenderungan Jejak Data

|  |  |
| --- | --- |
| Kondisi | Treatment (B) |
| Kecenderungan jejak data | **(+)** |

f). Level Stabilitas dan Rentang

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kondisi | Data terakhir | - | Data pertama | Jumlah perubahan level |
| Treatment (B) | 5 | - | 3 | = 2 |

g). Perubahan Level (level change)

|  |  |
| --- | --- |
| Kondisi | Treatment (B) |
| Perubahan level  (level change) | 3 – 5  (+2) |

**Tabel Perhitungan Analisis Dalam Kondisi**

|  |  |  |
| --- | --- | --- |
| Kondisi | Mengambil Warna Bunchems Sesuai Instruksi | |
| Baseline (A) | Treatment (B) |
| Panjang Kondisi | 4 | 8 |
| Estimasi Kecenderungan Arah | (+) | (+) |
| Kecenderungan Stabilitas | 0%  Tidak stabil | 0%  Tidak stabil |
| Jejak Data | (+) | (+) |
| Level Stabilitas dan Rentang | Variabel  3 – 2 | Variabel  5 – 3 |
| Perubahan Level (Level Change) | 2 – 3  (+1) | 3 – 5  (+2) |

**Grafik Gambaran Kecenderungan Arah**

**Grafik Gambaran Kecenderungan Stabilitas**

1. **Analisis Antar Kondisi**

a). Jumlah variabel yang diubah

|  |  |
| --- | --- |
| Perbandingan Kondisi | B/A |
| 1 |

b). Perubahan Kecenderungan Arah dan Efeknya

|  |  |  |
| --- | --- | --- |
| Perbandingan Kondisi | B | A |
| Perubahan kecenderungan arah dan efeknya | (+)  Positif | (+) |

c). Perubahan Kecendrungan Stabilitas

|  |  |
| --- | --- |
| Perbandingan Kondisi | B/A |
| Perubahan kecenderungan stabilitas | Variabel ke Tidak stabil |

d). Perubahan Level

|  |  |
| --- | --- |
| Perbandingan Kondisi | B/A |
| Perubahan level (*level change*) | 3 – 5  (-2) |

e). Data Tumpang Tindih (*Overleap*)

* Untuk Kondisi B/A = 0 : 8 x 100% = 0%

**Tabel Perhitungan Seluruh Analisis Antar Kondisi**

|  |  |
| --- | --- |
| Perbandingan Kondisi | Mengambil Warna Bunchems Sesuai Instruksi |
| B/A |
| Jumlah Variabel | 1 |
| Estimasi Kecenderungan Arah | |  |  | | --- | --- | | (+) | (+) | |
| Perubahan Kecenderungan Stabilitas | Variabel ke Tidak Stabil |
| Perubahan Level  (Level Change) | 3-5  (-2) |
| Data Overleap | 0% |