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9 pages

dataHA2.tex

Statistical quality control  
Parameter values and data for HA2  
Seed for the random number generator: 397782

## HA2: Parameters and data for $\text{pdn} = 1$

### Problem 1

$\alpha_1 = 0.07$ ,  $\text{AQL}_1 = 0.02$ ,  $\beta_1 = 0.1$ ,  $\text{RQL}_1 = 0.05$ .

### Problem 1

$\mu_0 = 198$ ,  $\alpha_2 = 0.01$ ,  $\mu_a = 182$ ,  $\beta_2 = 0.08$ ,  $\sigma = 16$ .

## HA2: Parameters and data for $\text{pdn} = 2$

### Problem 1

$\alpha_1 = 0.01$ ,  $\text{AQL}_1 = 0.02$ ,  $\beta_1 = 0.09$ ,  $\text{RQL}_1 = 0.05$ .

### Problem 1

$\mu_0 = 117$ ,  $\alpha_2 = 0.02$ ,  $\mu_a = 100$ ,  $\beta_2 = 0.07$ ,  $\sigma = 17$ .

## HA2: Parameters and data for $\text{pdn} = 3$

### Problem 1

$$\alpha_1 = 0.06, \text{AQL}_1 = 0.02, \beta_1 = 0.08, \text{RQL}_1 = 0.05.$$

### Problem 1

$$\mu_0 = 197, \alpha_2 = 0.03, \mu_a = 179, \beta_2 = 0.06, \sigma = 18.$$

## HA2: Parameters and data for $\text{pdn} = 4$

### Problem 1

$\alpha_1 = 0.02$ ,  $\text{AQL}_1 = 0.02$ ,  $\beta_1 = 0.07$ ,  $\text{RQL}_1 = 0.05$ .

### Problem 1

$\mu_0 = 104$ ,  $\alpha_2 = 0.04$ ,  $\mu_a = 85$ ,  $\beta_2 = 0.05$ ,  $\sigma = 19$ .

## HA2: Parameters and data for $\text{pdn} = 5$

### Problem 1

$$\alpha_1 = 0.05, \text{AQL}_1 = 0.02, \beta_1 = 0.06, \text{RQL}_1 = 0.05.$$

### Problem 1

$$\mu_0 = 106, \alpha_2 = 0.05, \mu_a = 86, \beta_2 = 0.04, \sigma = 20.$$

## HA2: Parameters and data for $\text{pdn} = 6$

### Problem 1

$\alpha_1 = 0.04$ ,  $\text{AQL}_1 = 0.02$ ,  $\beta_1 = 0.05$ ,  $\text{RQL}_1 = 0.05$ .

### Problem 1

$\mu_0 = 179$ ,  $\alpha_2 = 0.06$ ,  $\mu_a = 158$ ,  $\beta_2 = 0.03$ ,  $\sigma = 21$ .

## HA2: Parameters and data for $\text{pdn} = 7$

### Problem 1

$\alpha_1 = 0.03$ ,  $\text{AQL}_1 = 0.02$ ,  $\beta_1 = 0.04$ ,  $\text{RQL}_1 = 0.05$ .

### Problem 1

$\mu_0 = 157$ ,  $\alpha_2 = 0.07$ ,  $\mu_a = 135$ ,  $\beta_2 = 0.02$ ,  $\sigma = 22$ .



## HA2: Parameters and data for $\text{pdn} = 8$

### Problem 1

$$\alpha_1 = 0.05, \text{AQL}_1 = 0.01, \beta_1 = 0.1, \text{RQL}_1 = 0.06.$$

### Problem 1

$$\mu_0 = 173, \alpha_2 = 0.08, \mu_a = 150, \beta_2 = 0.01, \sigma = 23.$$