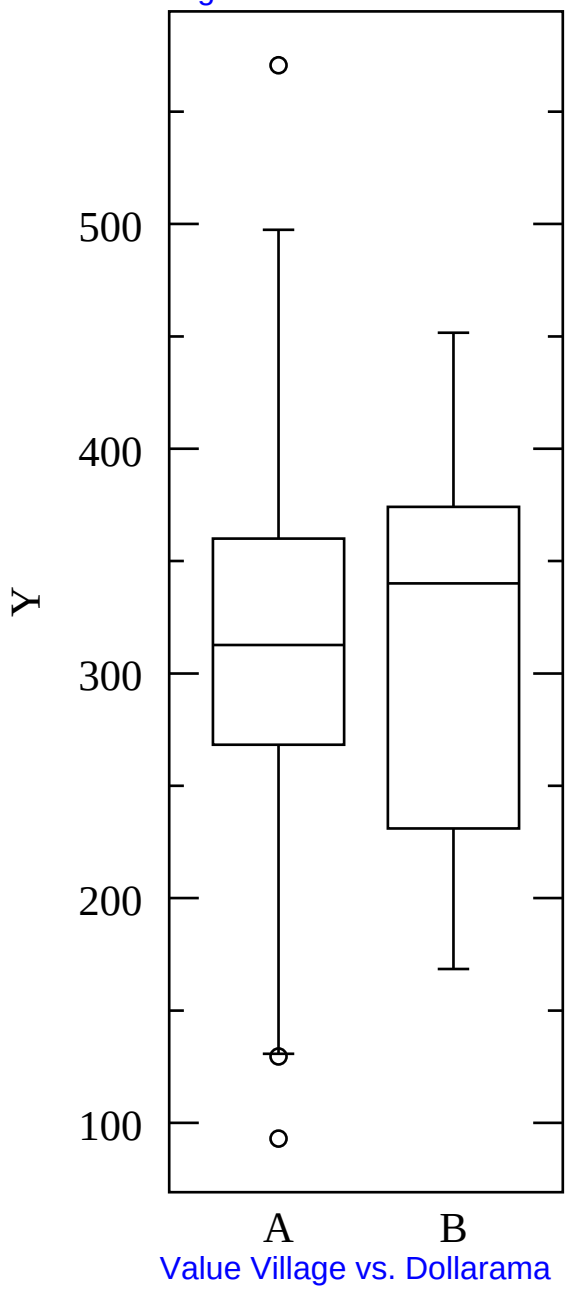
Appendix A: Statistical Data on Ceramic Vessel Attributes and Boxplots

Mass (g) Value Village vs. Dollarama

Figure 1a



Value Village vs. Dollarama

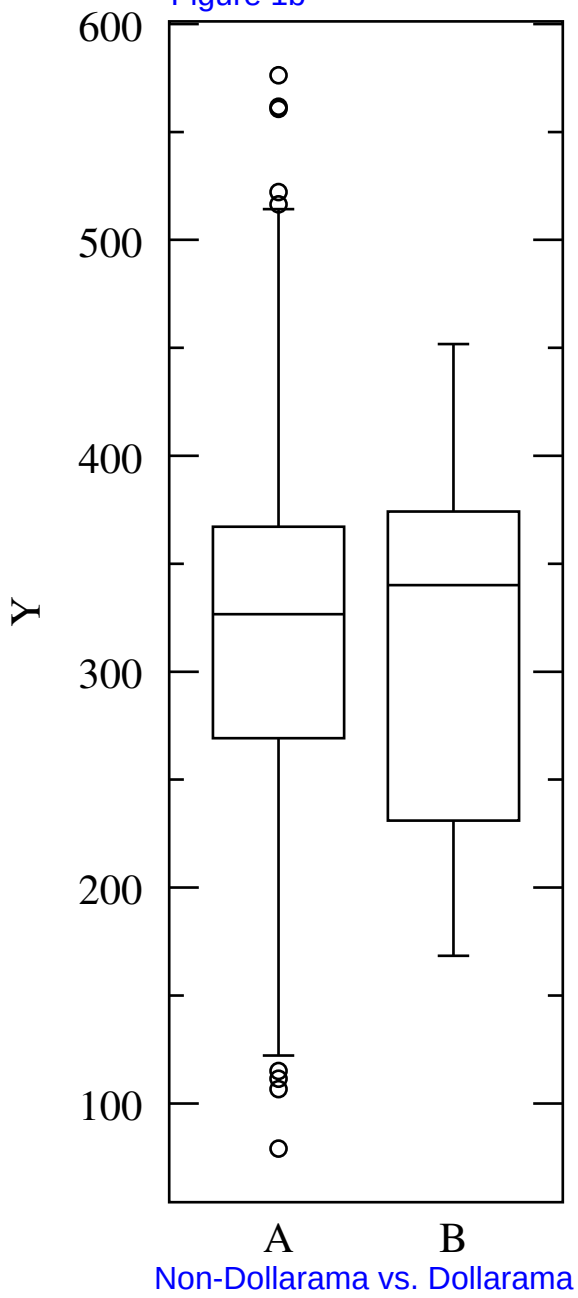
t=-0.300
sdev= 76.0
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.76

Group A: Number of items= 61
Mean = 316.
95% confidence interval for Mean: 296.8 thru 335.5
Standard Deviation = 74.2
Hi = 571. Low = 93.0
Median = 313.
Average Absolute Deviation from Median = 53.1

Group B: Number of items= 21
Mean = 322.
95% confidence interval for Mean: 288.9 thru 355.0
Standard Deviation = 81.3
Hi = 452. Low = 168.
Median = 340.
Average Absolute Deviation from Median = 63.2

Mass (g) Non-Dollarama vs. Dollarama

Figure 1b



Non-Dollarama vs. Dollarama

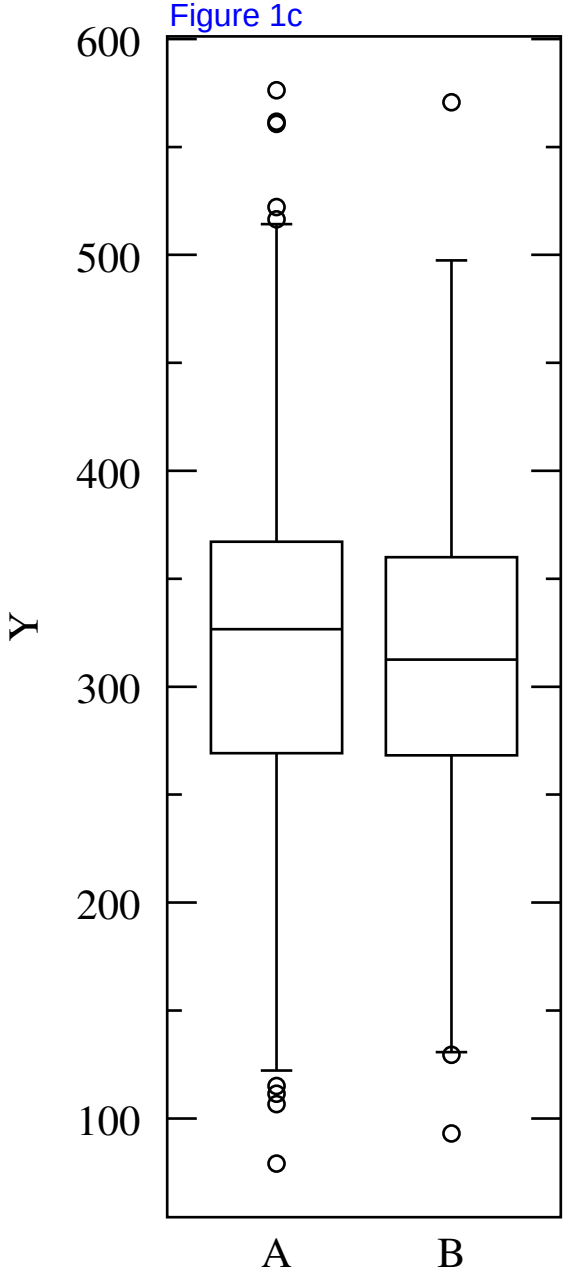
t=-0.153
sdev= 80.9
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.88

Group A: Number of items= 207
Mean = 319.
95% confidence interval for Mean: 308.0 thru 330.2
Standard Deviation = 80.8
Hi = 576. Low = 79.1
Median = 327.
Average Absolute Deviation from Median = 60.3

Group B: Number of items= 21
Mean = 322.
95% confidence interval for Mean: 287.2 thru 356.7
Standard Deviation = 81.3
Hi = 452. Low = 168.
Median = 340.
Average Absolute Deviation from Median = 63.2

Mass (g) Non-Dollarama vs. Value Village

Figure 1c



Non-Dollarama vs. Value Village

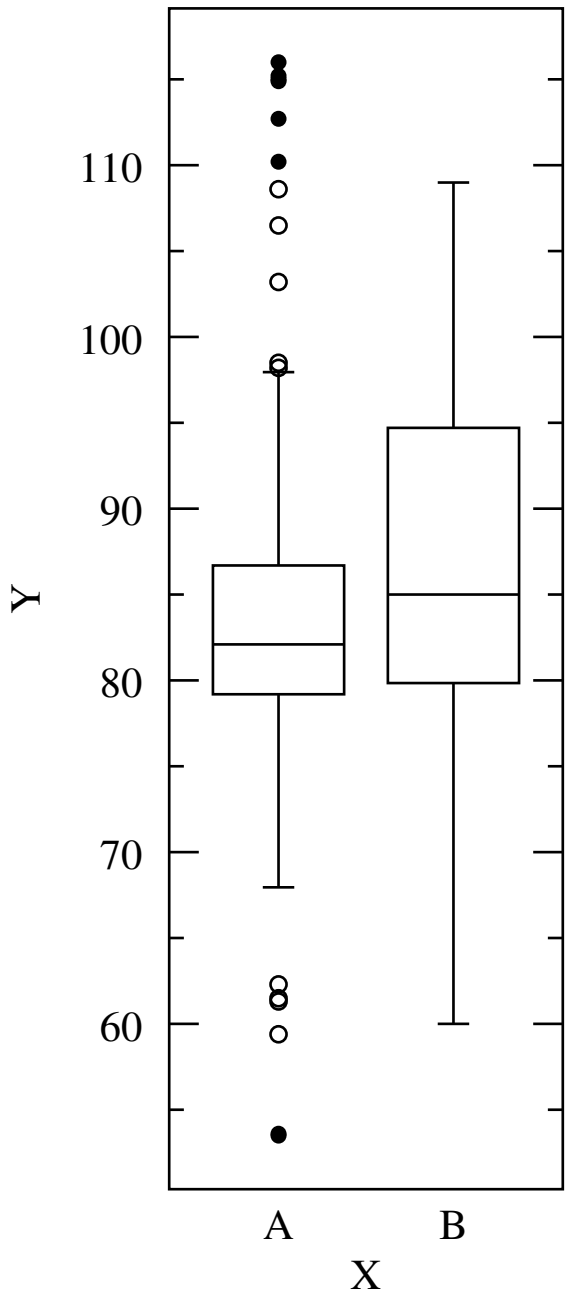
t= 0.254
sdev= 79.4
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.80

Group A: Number of items= 207
Mean = 319.
95% confidence interval for Mean: 308.2 thru 330.0
Standard Deviation = 80.8
Hi = 576. Low = 79.1
Median = 327.
Average Absolute Deviation from Median = 60.3

Group B: Number of items= 61
Mean = 316.
95% confidence interval for Mean: 296.2 thru 336.2
Standard Deviation = 74.2
Hi = 571. Low = 93.0
Median = 313.
Average Absolute Deviation from Median = 53.1

Top External Diameter (mm) Non-Dollarama vs. Dollarama

Figure 2a



Non-Dollarama vs. Dollarama

t= -1.98
sdev= 9.61
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.049
Group A: Number of items= 207

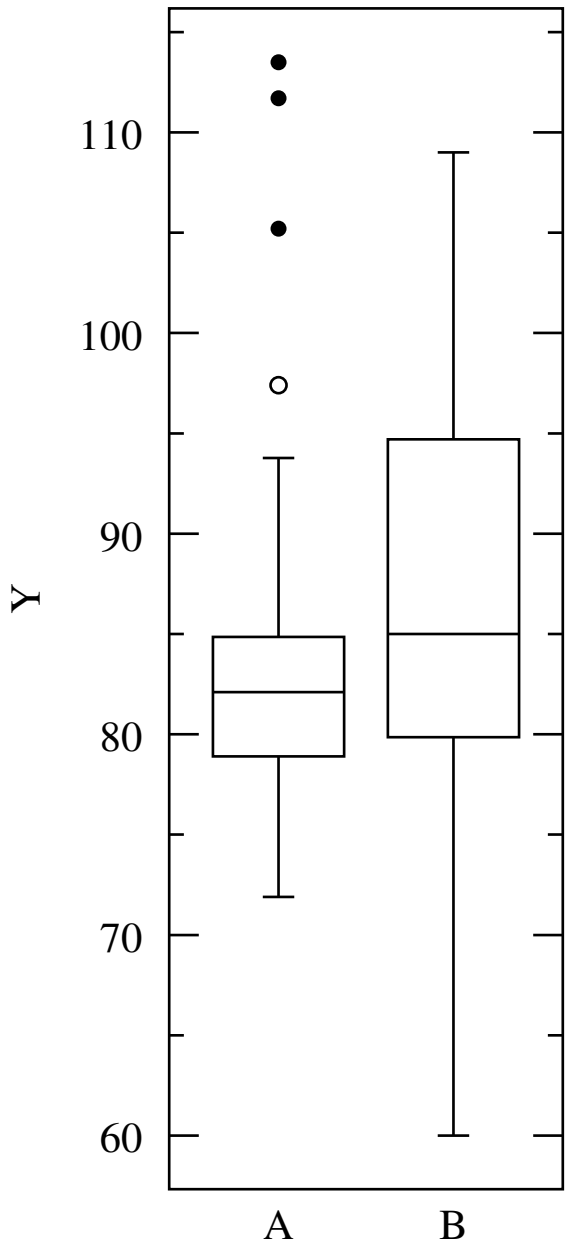
Mean = 83.0
95% confidence interval for Mean: 81.70 thru 84.33
Standard Deviation = 9.33
Hi = 116. Low = 53.5
Median = 82.1
Average Absolute Deviation from Median = 6.12

Group B: Number of items= 21

Mean = 87.4
95% confidence interval for Mean: 83.23 thru 91.49
Standard Deviation = 12.1
Hi = 109. Low = 60.0
Median = 85.0
Average Absolute Deviation from Median = 9.06

Top External Diameter (mm) Value Village vs. Dollarama

Figure 2b



Value Village vs. Dollarama

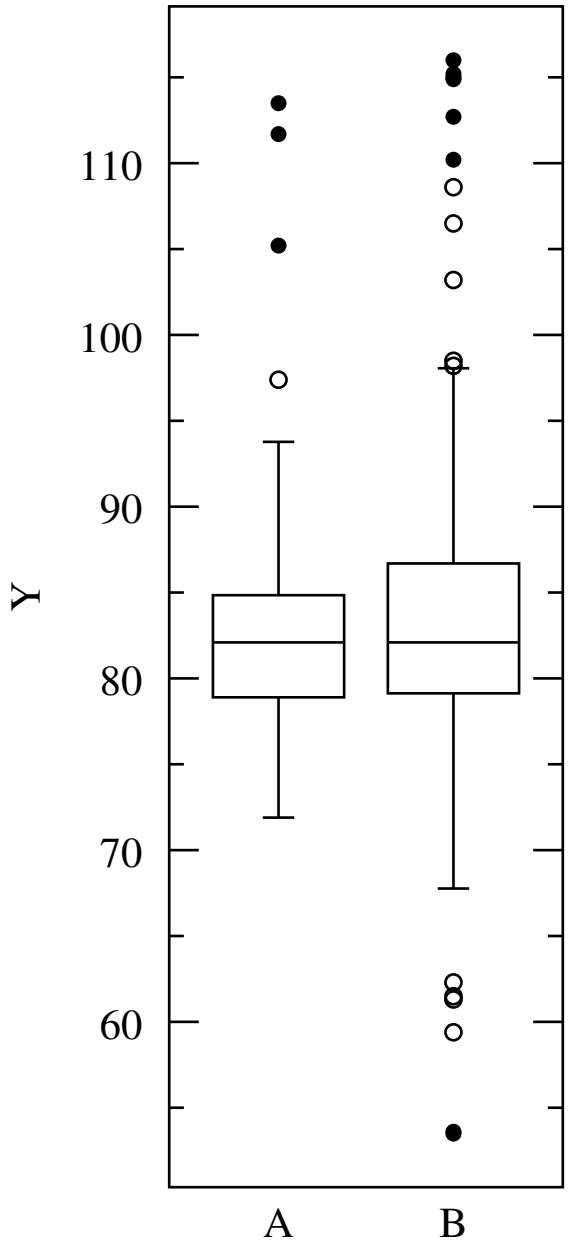
t= -1.88
sdev= 9.35
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.064
Group A: Number of items= 61

Mean = 82.9
95% confidence interval for Mean: 80.53 thru 85.30
Standard Deviation = 8.24
Hi = 114. Low = 71.9
Median = 82.1
Average Absolute Deviation from Median = 5.24
Group B: Number of items= 21

Mean = 87.4
95% confidence interval for Mean: 83.30 thru 91.42
Standard Deviation = 12.1
Hi = 109. Low = 60.0
Median = 85.0
Average Absolute Deviation from Median = 9.06

Top External Diameter (mm) Value Village vs. Non-Dollarama

Figure 2c



Value Village vs. Non-Dollarama

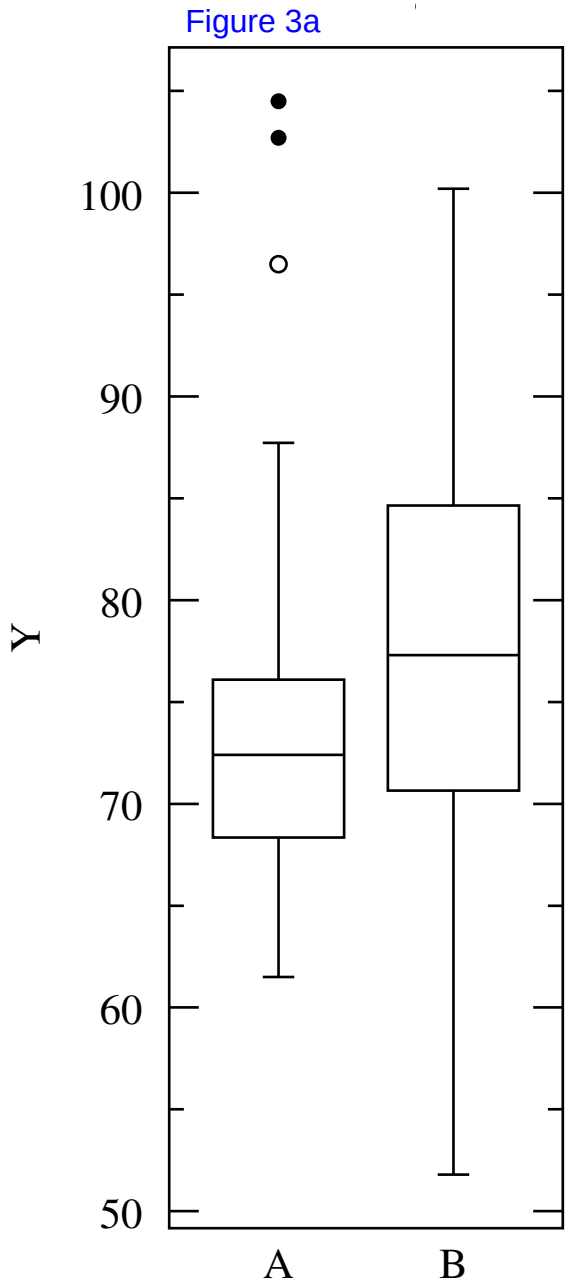
t=-0.523E-01
sdev= 9.09
degrees of freedom =267 The probability of this result, assuming the null hypothesis, is 0.96
Group A: Number of items= 61

Mean = 82.9
95% confidence interval for Mean: 80.63 thru 85.21
Standard Deviation = 8.24
Hi = 114. Low = 71.9
Median = 82.1
Average Absolute Deviation from Median = 5.24
Group B: Number of items= 208

Mean = 83.0
95% confidence interval for Mean: 81.74 thru 84.23
Standard Deviation = 9.32
Hi = 116. Low = 53.5
Median = 82.1
Average Absolute Deviation from Median = 6.11
Data Reference: 0379

Top Internal Diameter (mm) Value Village vs. Dollarama

Figure 3a



Value Village vs. Dollarama

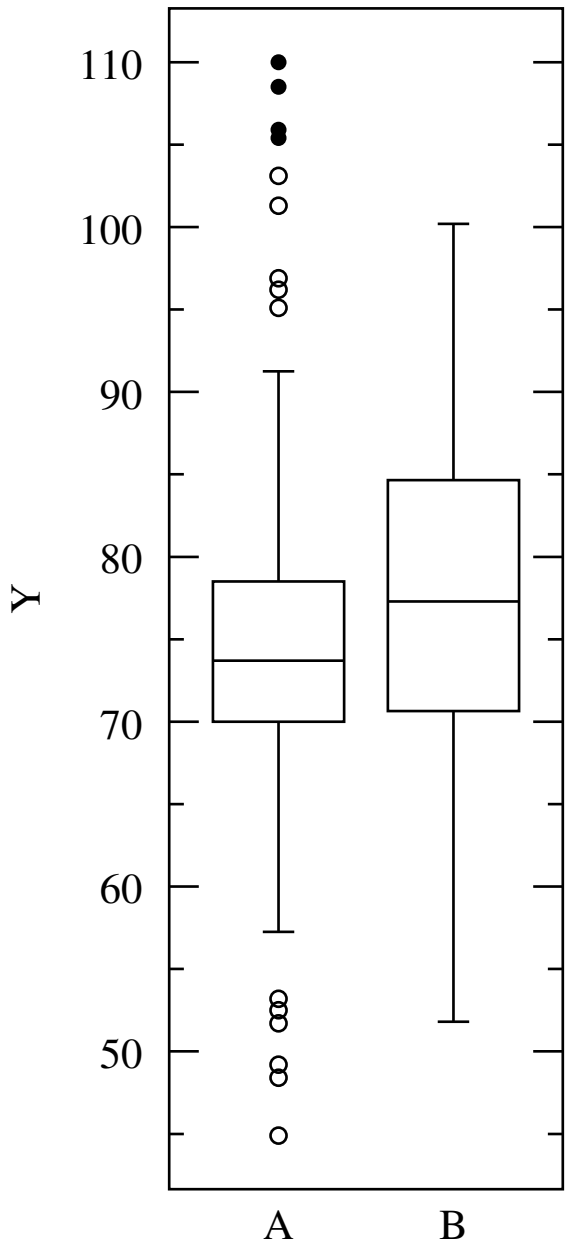
t= -1.75
sdev= 9.07
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.084

Group A: Number of items= 61
Mean = 73.4
95% confidence interval for Mean: 71.10 thru 75.72
Standard Deviation = 8.15
Hi = 104. Low = 61.5
Median = 72.4
Average Absolute Deviation from Median = 5.15

Group B: Number of items= 21
Mean = 77.4
95% confidence interval for Mean: 73.49 thru 81.37
Standard Deviation = 11.4
Hi = 100. Low = 51.8
Median = 77.3
Average Absolute Deviation from Median = 8.41

Top Internal Diameter (mm) Non-Dollarama vs. Dollarama

Figure 3b



Non-Dollarama vs. Dollarama

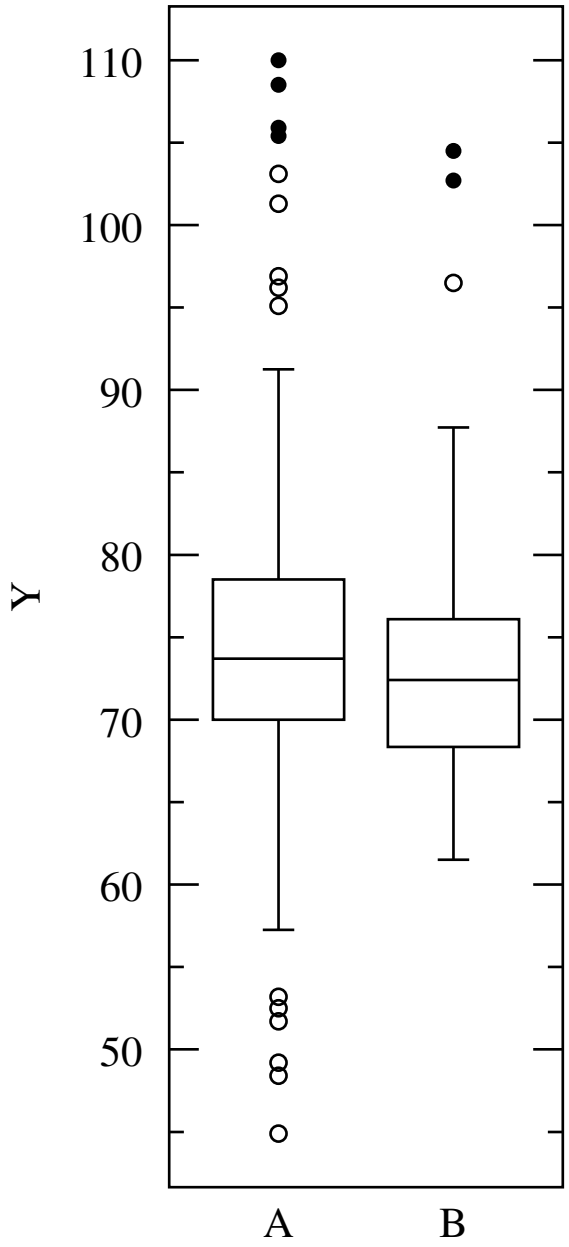
t= -1.34
sdev= 9.47
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.18

Group A: Number of items= 207
Mean = 74.5
95% confidence interval for Mean: 73.22 thru 75.81
Standard Deviation = 9.26
Hi = 110. Low = 44.9
Median = 73.7
Average Absolute Deviation from Median = 6.37

Group B: Number of items= 21
Mean = 77.4
95% confidence interval for Mean: 73.36 thru 81.50
Standard Deviation = 11.4
Hi = 100. Low = 51.8
Median = 77.3
Average Absolute Deviation from Median = 8.41

Top Internal Diameter (mm) Non-Dollarama vs. Value Village

Figure 3c



Non-Dollarama vs. Value Village

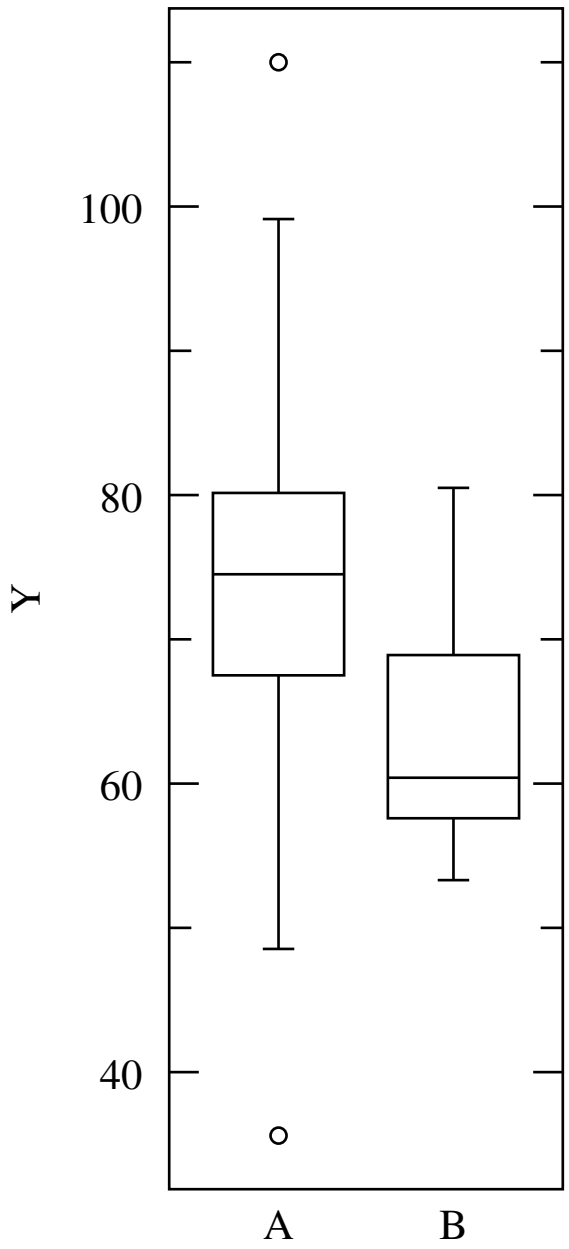
t= 0.839
sdev= 9.02
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.40

Group A: Number of items= 207
Mean = 74.5
95% confidence interval for Mean: 73.28 thru 75.75
Standard Deviation = 9.26
Hi = 110. Low = 44.9
Median = 73.7
Average Absolute Deviation from Median = 6.37

Group B: Number of items= 61
Mean = 73.4
95% confidence interval for Mean: 71.14 thru 75.69
Standard Deviation = 8.15
Hi = 104. Low = 61.5
Median = 72.4
Average Absolute Deviation from Median = 5.15
Data Reference: 53F2

Base Diameters (mm) Value Village vs. Dollarama

Figure 4a



Value Village vs. Dollarama

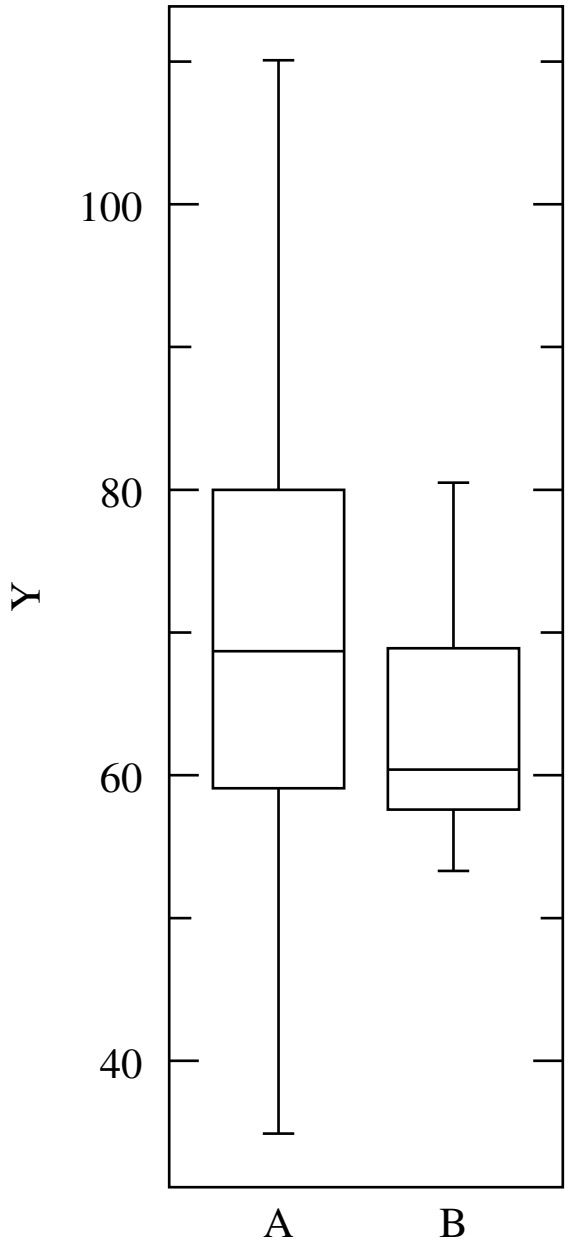
t= 3.63
sdev= 10.3
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.0005

Group A: Number of items= 61
Mean = 72.9
95% confidence interval for Mean: 70.28 thru 75.52
Standard Deviation = 10.9
Hi = 110. Low = 35.6
Median = 74.5
Average Absolute Deviation from Median = 8.03

Group B: Number of items= 21
Mean = 63.5
95% confidence interval for Mean: 59.00 thru 67.93
Standard Deviation = 7.97
Hi = 80.5 Low = 53.3
Median = 60.4
Average Absolute Deviation from Median = 5.59

Base Diameters (mm) Non-Dollarama vs. Dollarama

Figure 4b



Non-Dollarama vs. Dollarama

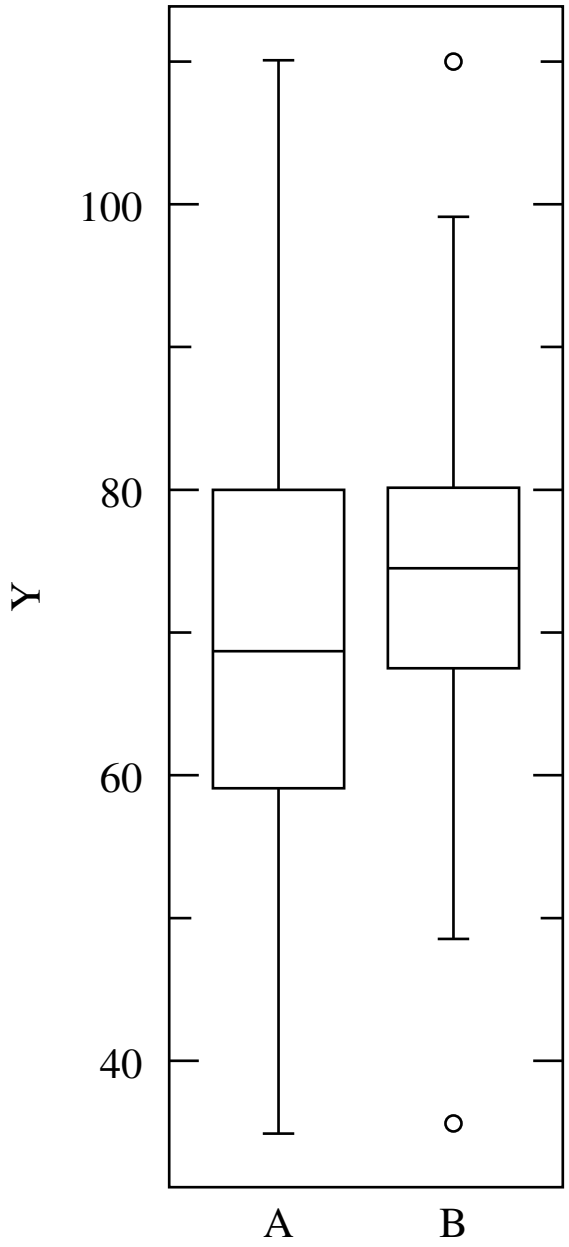
t= 1.87
sdev= 12.0
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.063

Group A: Number of items= 207
Mean = 68.6
95% confidence interval for Mean: 66.97 thru 70.26
Standard Deviation = 12.3
Hi = 110. Low = 34.9
Median = 68.7
Average Absolute Deviation from Median = 10.3

Group B: Number of items= 21
Mean = 63.5
95% confidence interval for Mean: 58.29 thru 68.63
Standard Deviation = 7.97
Hi = 80.5 Low = 53.3
Median = 60.4
Average Absolute Deviation from Median = 5.59

Base Diameters (mm) Non-Dollarama vs. Value Village

Figure 4c



Non-Dollarama vs. Value Village

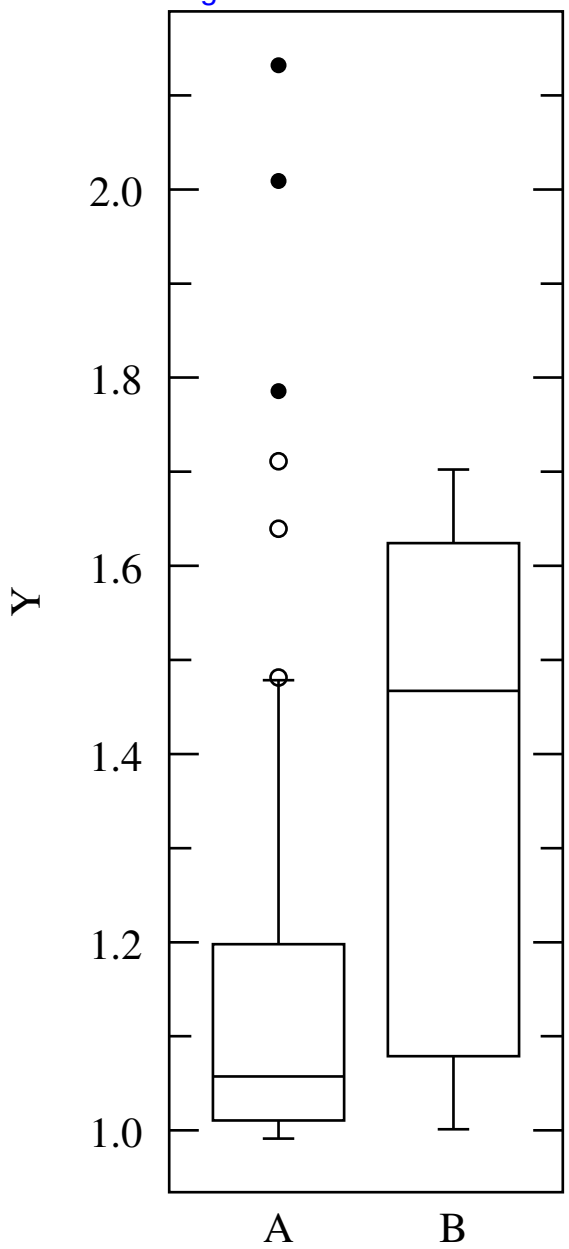
t= -2.44
sdev= 12.0
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.015

Group A: Number of items= 207
Mean = 68.6
95% confidence interval for Mean: 66.97 thru 70.26
Standard Deviation = 12.3
Hi = 110. Low = 34.9
Median = 68.7
Average Absolute Deviation from Median = 10.3

Group B: Number of items= 61
Mean = 72.9
95% confidence interval for Mean: 69.87 thru 75.94
Standard Deviation = 10.9
Hi = 110. Low = 35.6
Median = 74.5
Average Absolute Deviation from Median = 8.03

Ratio of Top/Bottom Value Village vs. Dollarama

Figure 5a



Value Village vs. Dollarama

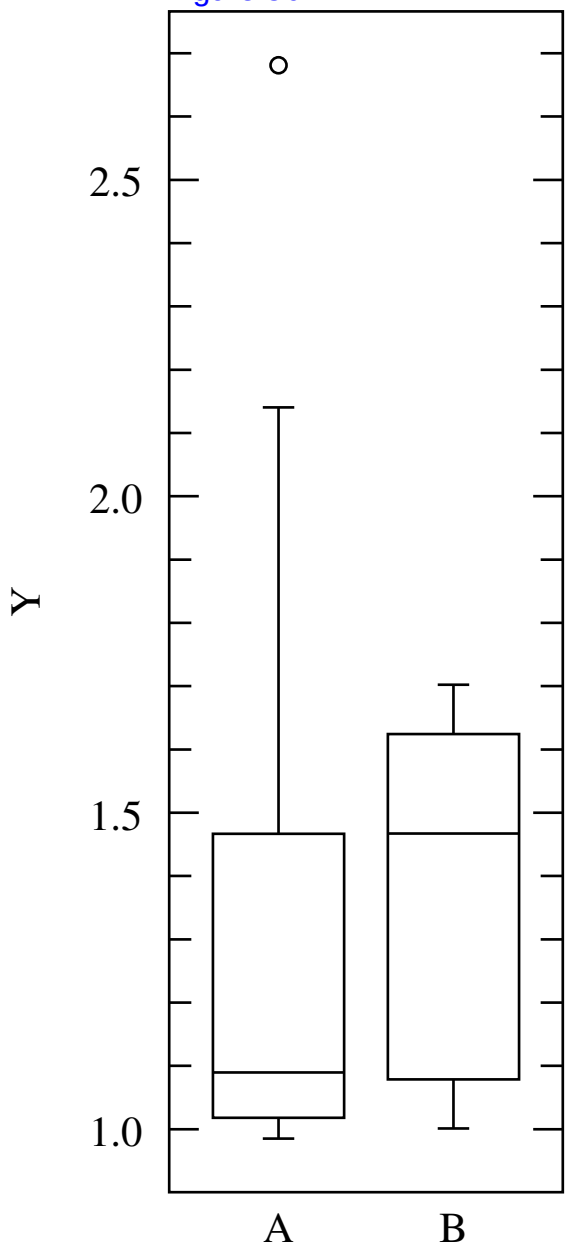
t= -3.60
sdev= 0.253
degrees of freedom = 80
The probability of this result, assuming the null hypothesis, is 0.0006

Group A: Number of items= 61
Mean = 1.17
95% confidence interval for Mean: 1.103 thru 1.232
Standard Deviation = 0.252
Hi = 2.13 Low = 0.991
Median = 1.06
Average Absolute Deviation from Median = 0.151

Group B: Number of items= 21
Mean = 1.40
95% confidence interval for Mean: 1.288 thru 1.507
Standard Deviation = 0.256
Hi = 1.70 Low = 1.00
Median = 1.47
Average Absolute Deviation from Median = 0.207

Ratio of Top/Bottom Non-Dollarama vs. Dollarama

Figure 5b



Non-Dollarama vs. Dollarama

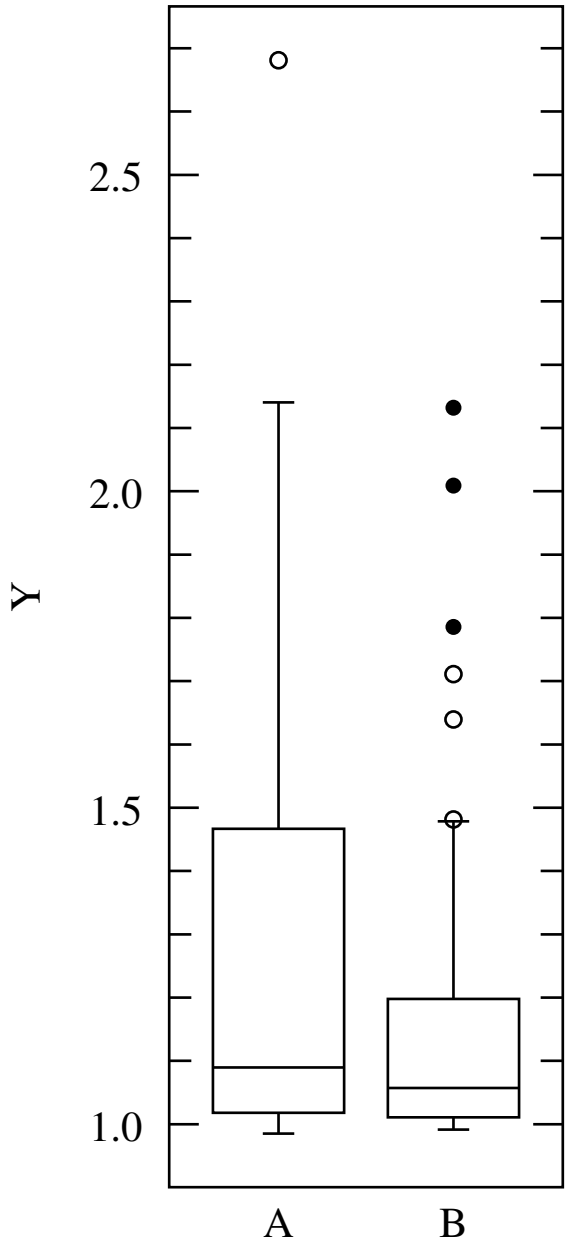
t= -2.27
sdev= 0.281
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.024

Group A: Number of items= 207
Mean = 1.25
95% confidence interval for Mean: 1.213 thru 1.290
Standard Deviation = 0.283
Hi = 2.68 Low = 0.985
Median = 1.09
Average Absolute Deviation from Median = 0.225

Group B: Number of items= 21
Mean = 1.40
95% confidence interval for Mean: 1.277 thru 1.518
Standard Deviation = 0.256
Hi = 1.70 Low = 1.00
Median = 1.47
Average Absolute Deviation from Median = 0.207

Ratio of Top/Bottom Non-Dollarama vs. Value Village

Figure 5c



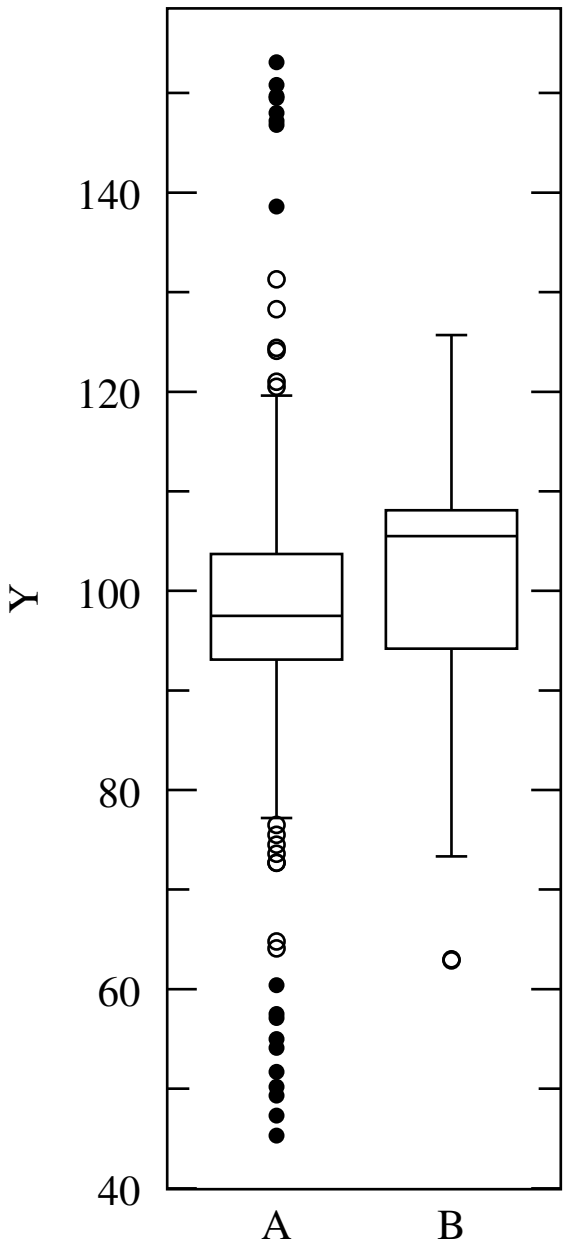
Non-Dollarama vs. Value Village

t= 2.08
sdev= 0.276
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.039

Group A: Number of items= 207
Mean = 1.25
95% confidence interval for Mean: 1.214 thru 1.289
Standard Deviation = 0.283
Hi = 2.68 Low = 0.985
Median = 1.09
Average Absolute Deviation from Median = 0.225
Group B: Number of items= 61
Mean = 1.17
95% confidence interval for Mean: 1.098 thru 1.237
Standard Deviation = 0.252
Hi = 2.13 Low = 0.991
Median = 1.06
Average Absolute Deviation from Median = 0.151

Heights (mm) Non-Dollarama vs. Dollarama

Figure 6a



Non-Dollarama vs. Dollarama

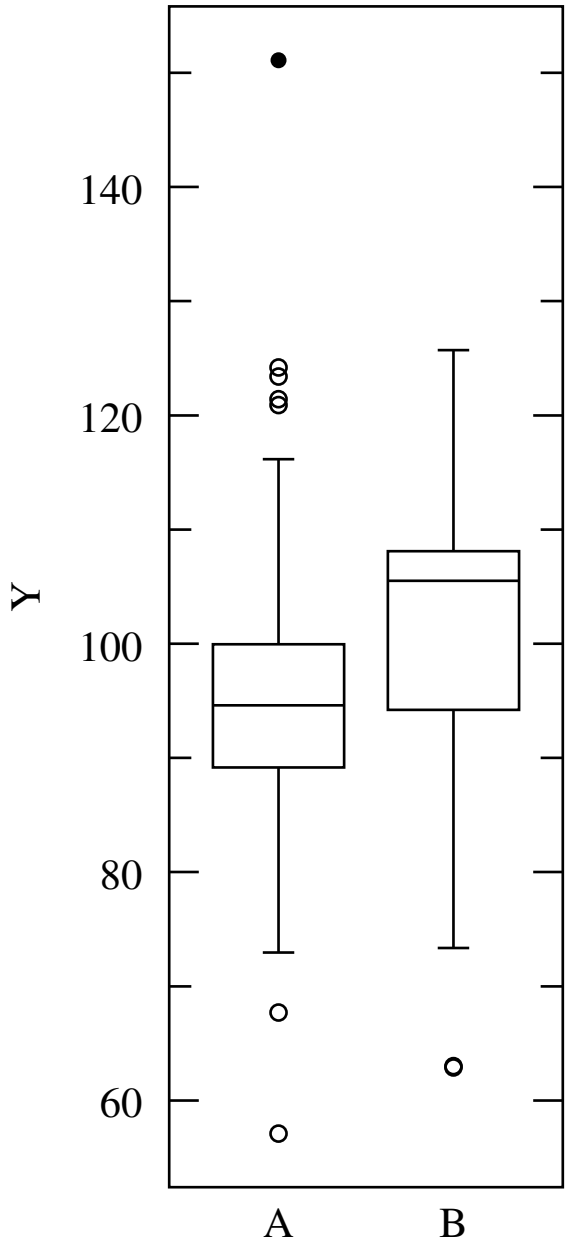
t=-0.350
sdev= 17.1
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.73

Group A: Number of items= 207
Mean = 97.6
95% confidence interval for Mean: 95.28 thru 99.95
Standard Deviation = 17.2
Hi = 153. Low = 45.3
Median = 97.5
Average Absolute Deviation from Median = 10.7

Group B: Number of items= 21
Mean = 99.0
95% confidence interval for Mean: 91.65 thru 106.3
Standard Deviation = 15.5
Hi = 126. Low = 62.9
Median = 106.
Average Absolute Deviation from Median = 10.4

Heights (mm) Value Village vs. Dollarama

Figure 6b



Value Village vs. Dollarama

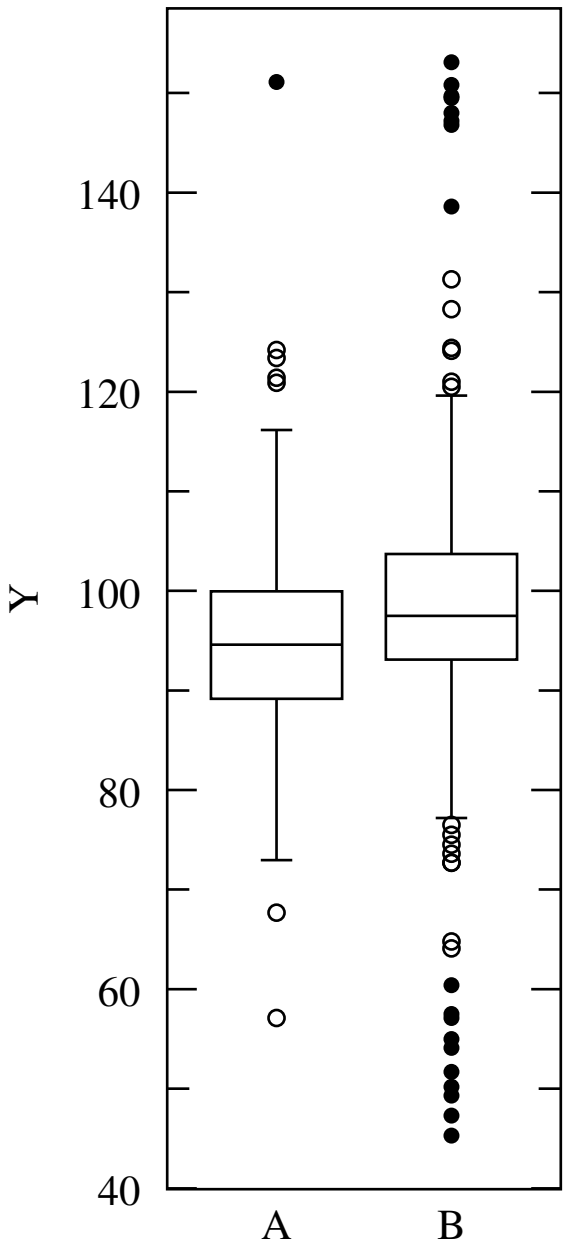
t=-0.826
sdev= 14.1
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.41

Group A: Number of items= 61
Mean = 96.0
95% confidence interval for Mean: 92.45 thru 99.63
Standard Deviation = 13.6
Hi = 151. Low = 57.1
Median = 94.6
Average Absolute Deviation from Median = 8.78

Group B: Number of items= 21
Mean = 99.0
95% confidence interval for Mean: 92.87 thru 105.1
Standard Deviation = 15.5
Hi = 126. Low = 62.9
Median = 106.
Average Absolute Deviation from Median = 10.4

Heights (mm) Value Village vs. All Others

Figure 6c



Value Village vs. Non-Dollarama

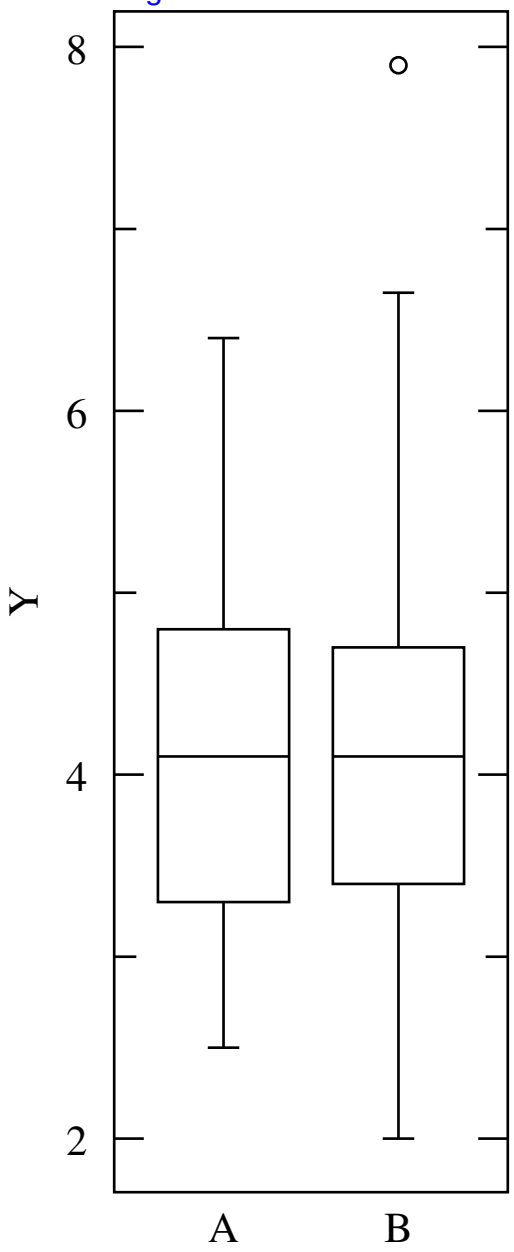
t=-0.656
sdev= 16.5
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.51

Group A: Number of items= 61
Mean = 96.0
95% confidence interval for Mean: 91.89 thru 100.2
Standard Deviation = 13.6
Hi = 151. Low = 57.1
Median = 94.6
Average Absolute Deviation from Median = 8.78

Group B: Number of items= 207
Mean = 97.6
95% confidence interval for Mean: 95.36 thru 99.87
Standard Deviation = 17.2
Hi = 153. Low = 45.3
Median = 97.5
Average Absolute Deviation from Median = 10.7
Data Reference: 3949

Rim Thickness (mm) Value Village vs. Dollarama

Figure 7a



Value Village vs. Dollarama

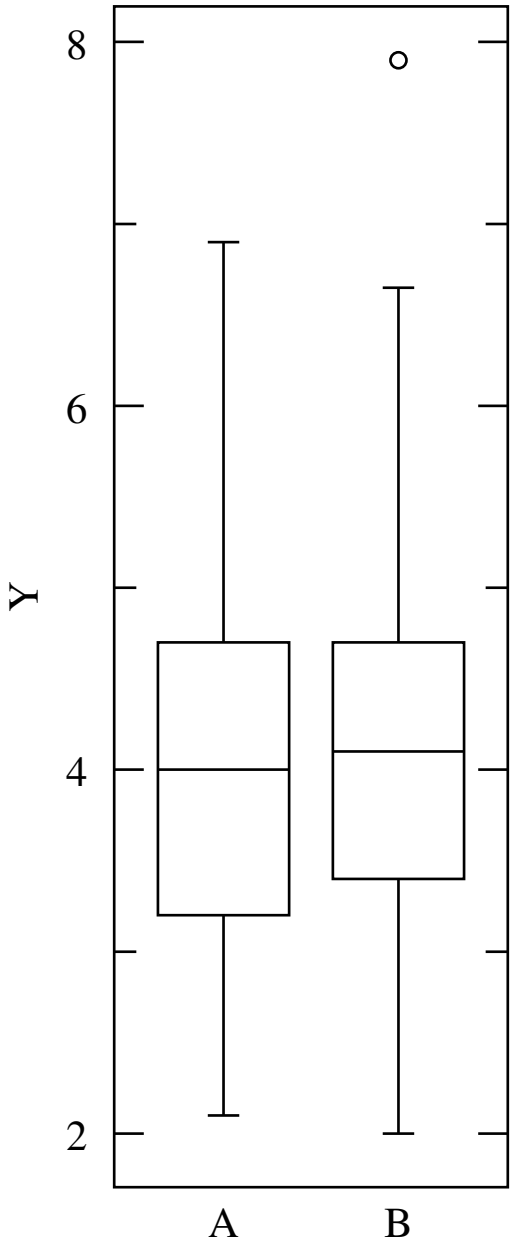
t=-0.129
sdev= 1.06
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.90

Group A: Number of items= 61
Mean = 4.17
95% confidence interval for Mean: 3.897 thru 4.435
Standard Deviation = 0.958
Hi = 6.40 Low = 2.50
Median = 4.10
Average Absolute Deviation from Median = 0.767

Group B: Number of items= 21
Mean = 4.20
95% confidence interval for Mean: 3.742 thru 4.658
Standard Deviation = 1.30
Hi = 7.90 Low = 2.00
Median = 4.10
Average Absolute Deviation from Median = 0.910

Rim Thickness (mm) Non-Dollarama vs. Dollarama

Figure 7b



Non-Dollarama vs. Dollarama

t=-0.392
sdev= 1.15
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.70

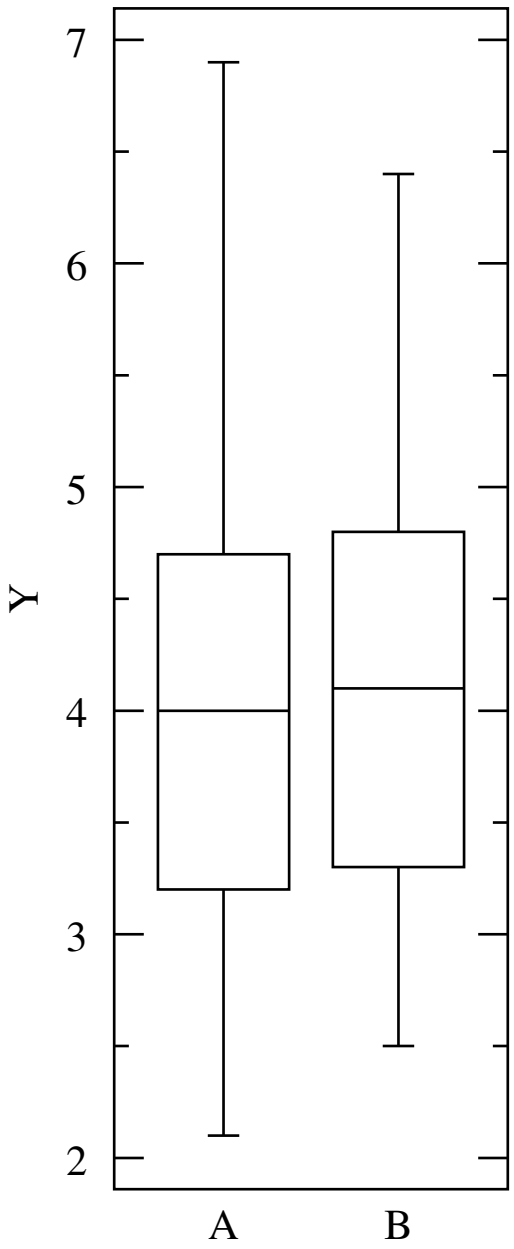
Group A: Number of items= 207
Mean = 4.10
95% confidence interval for Mean: 3.940 thru 4.254
Standard Deviation = 1.13
Hi = 6.90 Low = 2.10
Median = 4.00
Average Absolute Deviation from Median = 0.902

Group B: Number of items= 21
Mean = 4.20
95% confidence interval for Mean: 3.707 thru 4.693
Standard Deviation = 1.30
Hi = 7.90 Low = 2.00
Median = 4.10
Average Absolute Deviation from Median = 0.910

Data Reference: 77FF

Rim Thickness (mm) Non-Dollarware vs. Value Village

Figure 7c



Non-Dollarware vs. Value Village

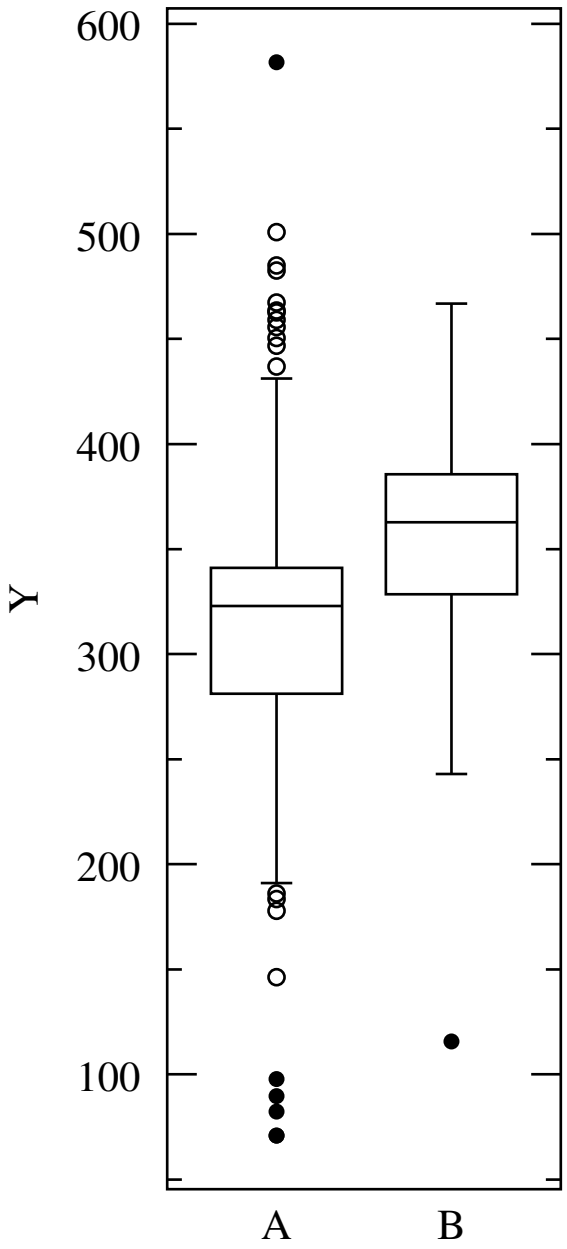
t=-0.429
sdev= 1.09
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.67

Group A: Number of items= 207
Mean = 4.10
95% confidence interval for Mean: 3.947 thru 4.247
Standard Deviation = 1.13
Hi = 6.90 Low = 2.10
Median = 4.00
Average Absolute Deviation from Median = 0.902

Group B: Number of items= 61
Mean = 4.17
95% confidence interval for Mean: 3.890 thru 4.441
Standard Deviation = 0.958
Hi = 6.40 Low = 2.50
Median = 4.10
Average Absolute Deviation from Median = 0.767

Internal Volumes (mL) Non-Dollarama vs. Dollarama

Figure 8a



Non-Dollarama vs. Dollarama

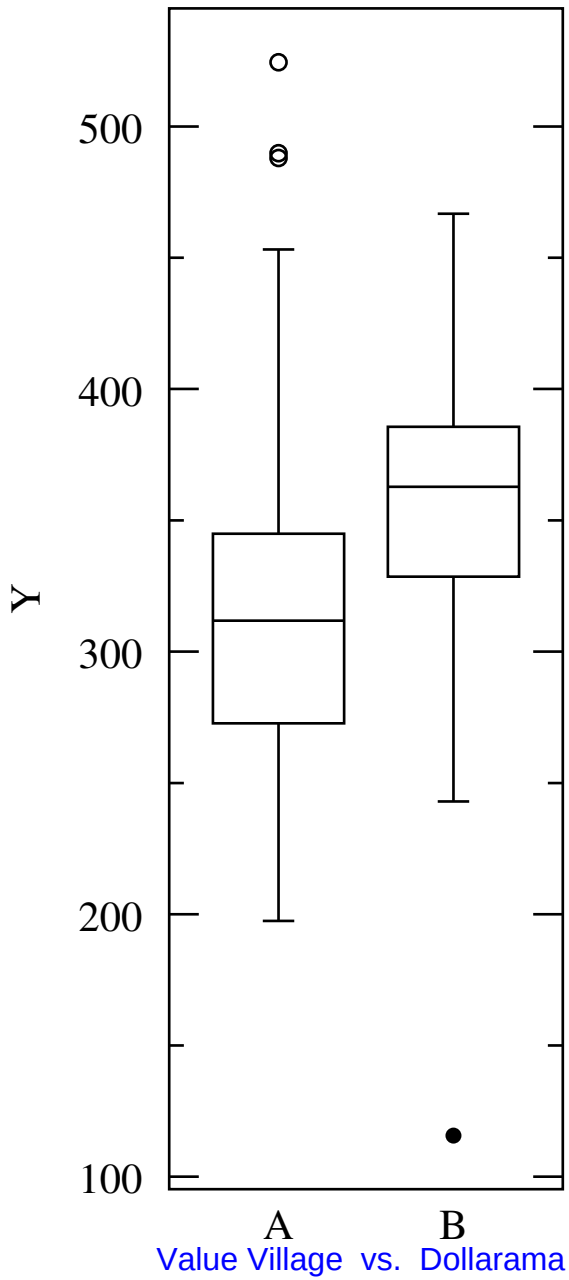
t= -2.02
sdev= 72.0
degrees of freedom =226
The probability of this result, assuming the null hypothesis, is 0.045

Group A: Number of items= 207
Mean = 315.
95% confidence interval for Mean: 304.8 thru 324.5
Standard Deviation = 72.0
Hi = 582. Low = 70.9
Median = 323.
Average Absolute Deviation from Median = 48.1

Group B: Number of items= 21
Mean = 348.
95% confidence interval for Mean: 317.0 thru 378.9
Standard Deviation = 71.6
Hi = 467. Low = 116.
Median = 363.
Average Absolute Deviation from Median = 47.3

Internal Volumes (mL) Value Village vs. Dollarama

Figure 8b



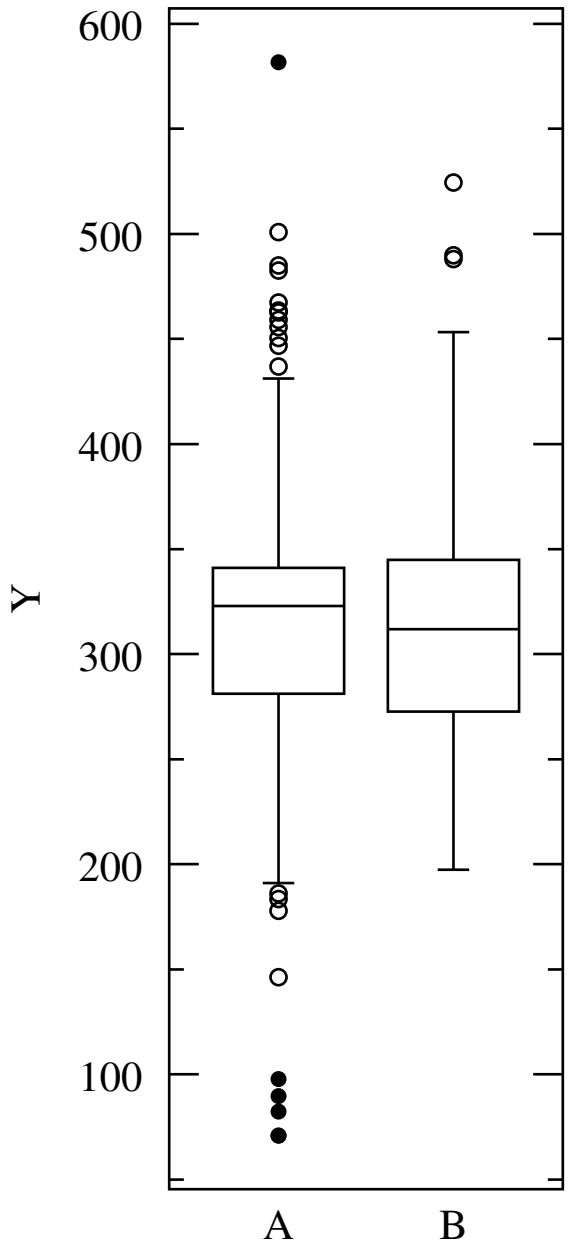
t= -1.99
sdev= 66.4
degrees of freedom = 80
The probability of this result, assuming the null hypothesis, is 0.050

Group A: Number of items= 61
Mean = 315.
95% confidence interval for Mean: 297.6 thru 331.5
Standard Deviation = 64.6
Hi = 524. Low = 197.
Median = 312.
Average Absolute Deviation from Median = 45.8

Group B: Number of items= 21
Mean = 348.
95% confidence interval for Mean: 319.1 thru 376.8
Standard Deviation = 71.6
Hi = 467. Low = 116.
Median = 363.
Average Absolute Deviation from Median = 47.3

Internal Volumes (mL) Non-Dollarama vs. Value Village

Figure 8c



Non-Dollarama vs. Value Village

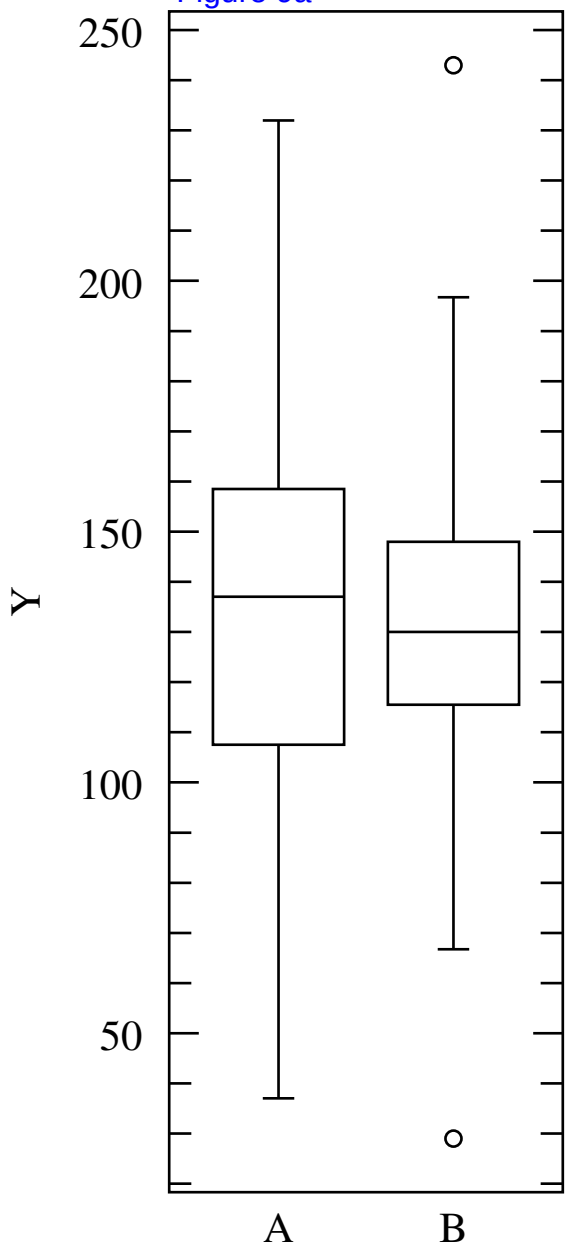
t= 0.877E-02
sdev= 70.4
degrees of freedom =266
The probability of this result, assuming the null hypothesis, is 0.99

Group A: Number of items= 207
Mean = 315.
95% confidence interval for Mean: 305.0 thru 324.3
Standard Deviation = 72.0
Hi = 582. Low = 70.9
Median = 323.
Average Absolute Deviation from Median = 48.1

Group B: Number of items= 61
Mean = 315.
95% confidence interval for Mean: 296.8 thru 332.3
Standard Deviation = 64.6
Hi = 524. Low = 197.
Median = 312.
Average Absolute Deviation from Median = 45.8

Displacement Volumes (mL) Value Village vs. Dollarama

Figure 9a



Value Village vs. Dollarama

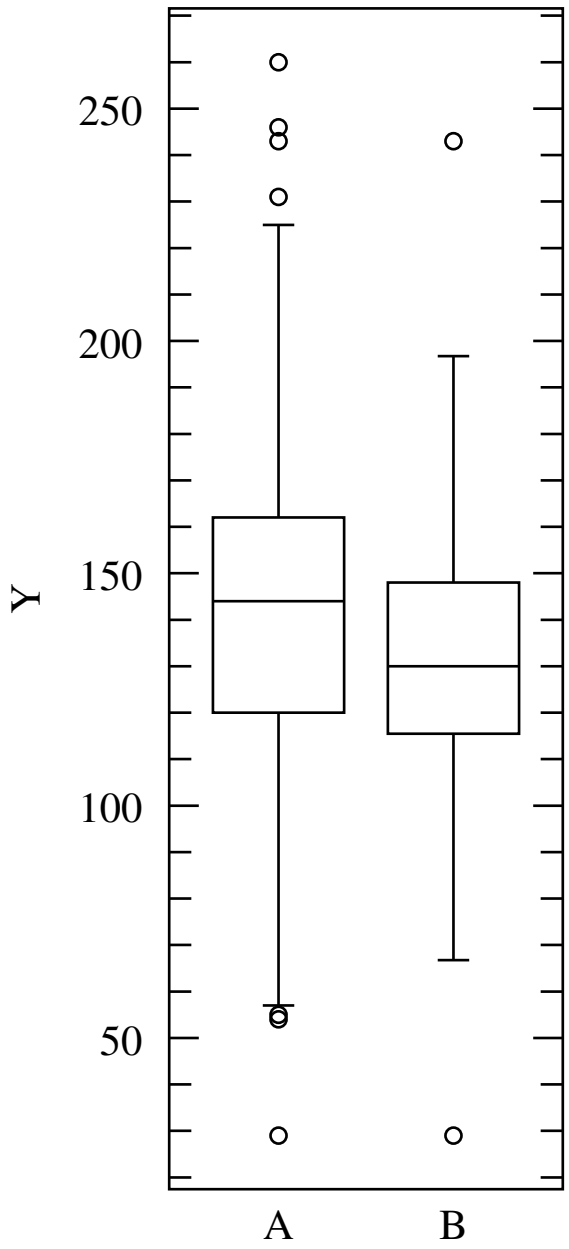
t= 0.600E-01
sdev= 41.8
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.95

Group A: Number of items= 61
Mean = 132.
95% confidence interval for Mean: 121.3 thru 142.6
Standard Deviation = 42.8
Hi = 232. Low = 37.0
Median = 137.
Average Absolute Deviation from Median = 32.9

Group B: Number of items= 21
Mean = 131.
95% confidence interval for Mean: 113.2 thru 149.5
Standard Deviation = 38.5
Hi = 243. Low = 29.0
Median = 130.
Average Absolute Deviation from Median = 24.1

Displacement Volumes (mL) Non-Dollarama Vs. Dollarama

Figure 9b



Non-Dollarama Vs. Dollarama

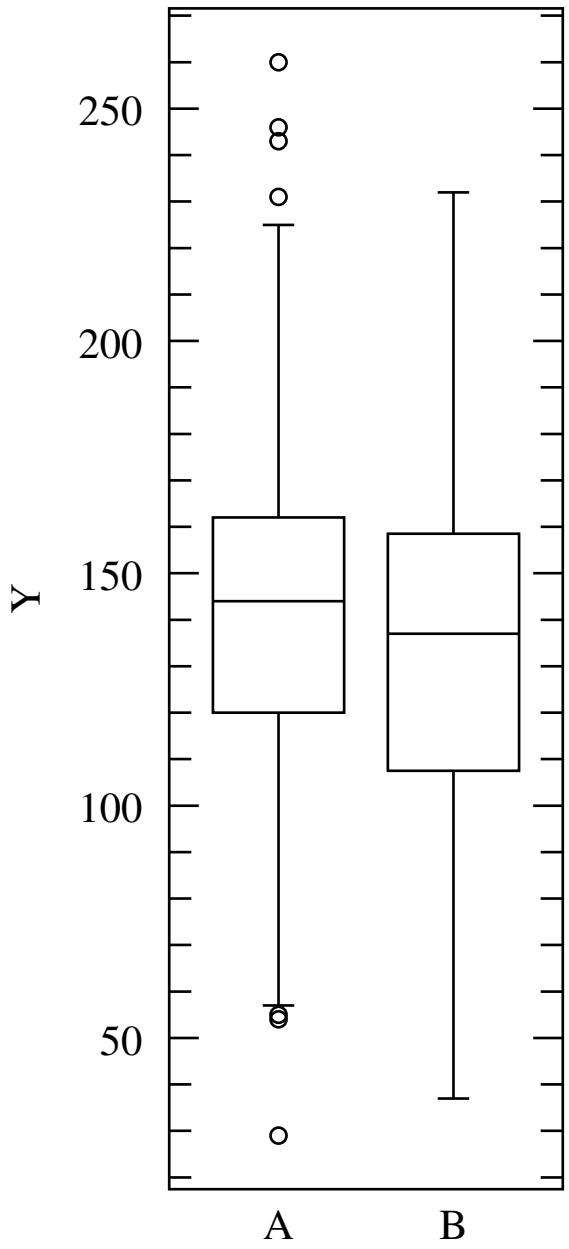
t= 1.46
sdev= 33.0
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.15

Group A: Number of items= 207
Mean = 142.
95% confidence interval for Mean: 137.8 thru 146.9
Standard Deviation = 32.4
Hi = 260. Low = 29.0
Median = 144.
Average Absolute Deviation from Median = 24.4

Group B: Number of items= 21
Mean = 131.
95% confidence interval for Mean: 117.1 thru 145.5
Standard Deviation = 38.5
Hi = 243. Low = 29.0
Median = 130.
Average Absolute Deviation from Median = 24.1

Displacement Volumes (mL) Non-Dollarama vs. Value Village

Figure 9c



Non-Dollarama vs. Value Village

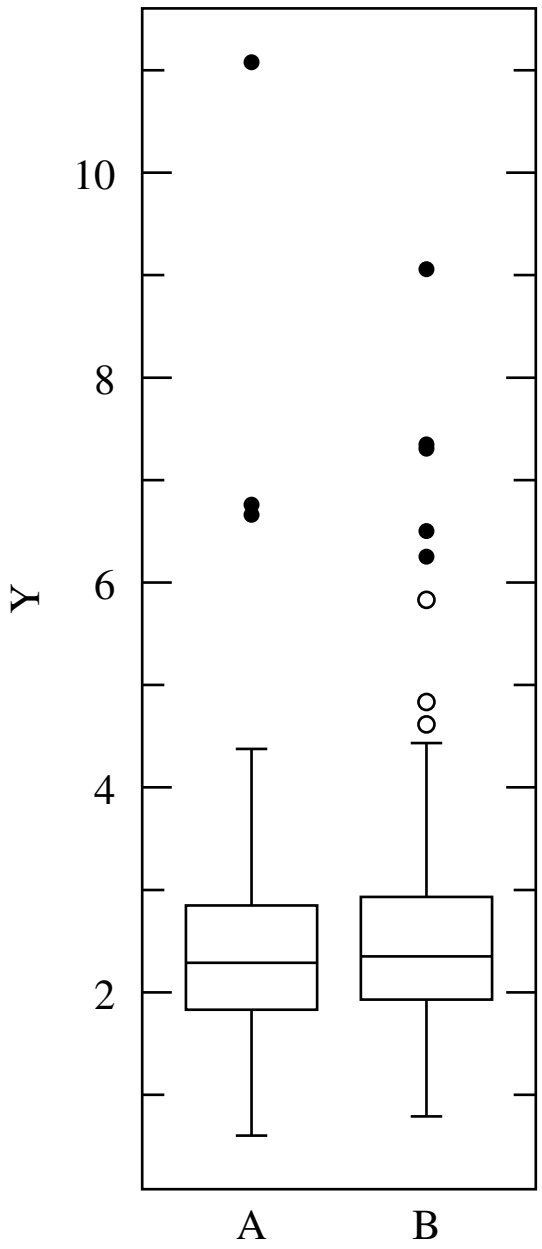
t= 2.03
sdev= 35.1
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.043

Group A: Number of items= 207
Mean = 142.
95% confidence interval for Mean: 137.5 thru 147.1
Standard Deviation = 32.4
Hi = 260. Low = 29.0
Median = 144.
Average Absolute Deviation from Median = 24.4

Group B: Number of items= 61
Mean = 132.
95% confidence interval for Mean: 123.1 thru 140.8
Standard Deviation = 42.8
Hi = 232. Low = 37.0
Median = 137.
Average Absolute Deviation from Median = 32.9

Density (g/mL) Non-Dollarama vs Value Village

Figure 10a



Non-Dollarama vs Value Village

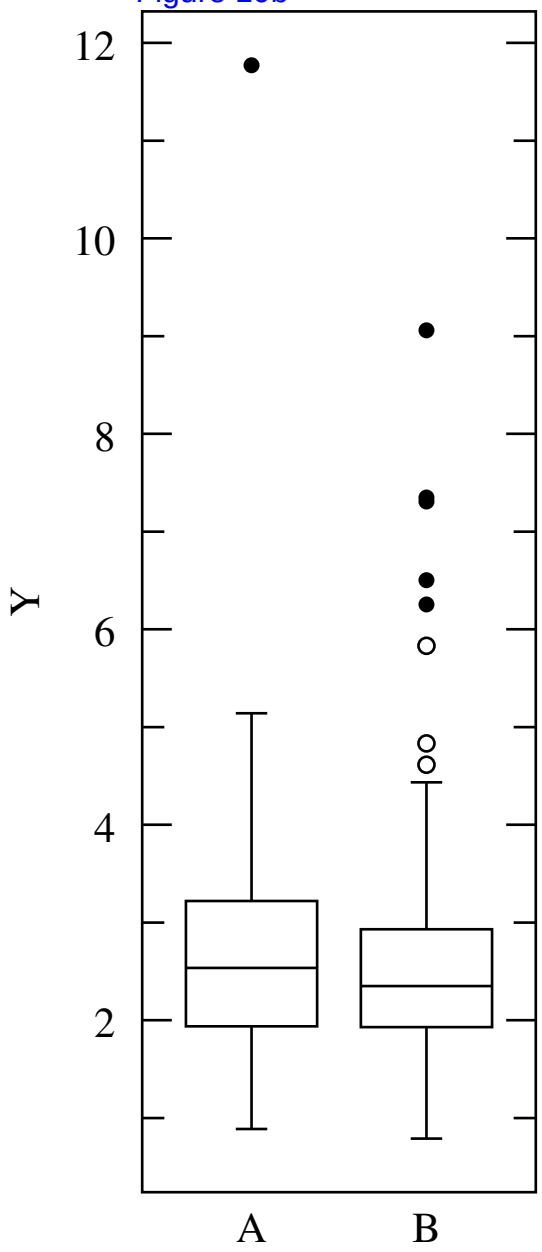
t= -2.36
sdev= 1.20
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.019

Group A: Number of items= 207
Mean = 2.39
95% confidence interval for Mean: 2.223 thru 2.551
Standard Deviation = 1.03
Hi = 11.1 Low = 0.602
Median = 2.29
Average Absolute Deviation from Median = 0.649

Group B: Number of items= 61
Mean = 2.80
95% confidence interval for Mean: 2.496 thru 3.099
Standard Deviation = 1.63
Hi = 9.06 Low = 0.790
Median = 2.35
Average Absolute Deviation from Median = 0.973

Density (g/mL) Dollarama vs Value Village

Figure 10b



Dollarama vs Value village

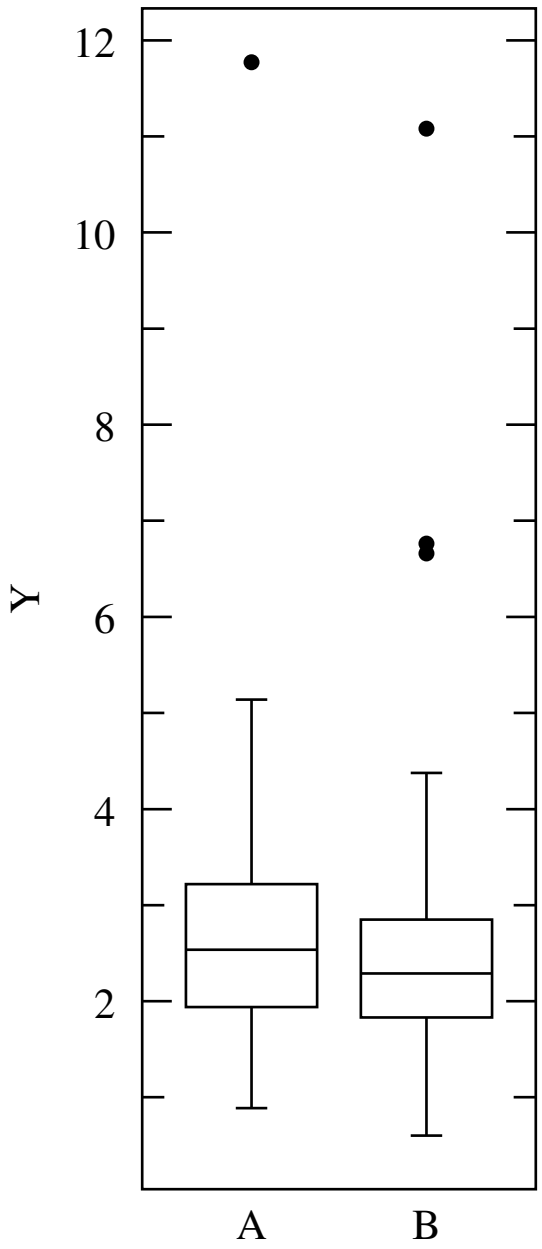
t= 0.220
sdev= 1.78
degrees of freedom = 80 The probability of this result, assuming the null hypothesis, is 0.83

Group A: Number of items= 21
Mean = 2.90
95% confidence interval for Mean: 2.123 thru 3.671
Standard Deviation = 2.17
Hi = 11.8 Low = 0.888
Median = 2.54
Average Absolute Deviation from Median = 0.994

Group B: Number of items= 61
Mean = 2.80
95% confidence interval for Mean: 2.344 thru 3.252
Standard Deviation = 1.63
Hi = 9.06 Low = 0.790
Median = 2.35
Average Absolute Deviation from Median = 0.973

Density (g/mL) Dollarama vs. Non-Dollarama

Figure 10c



Dollarama vs. Non-Dollarama

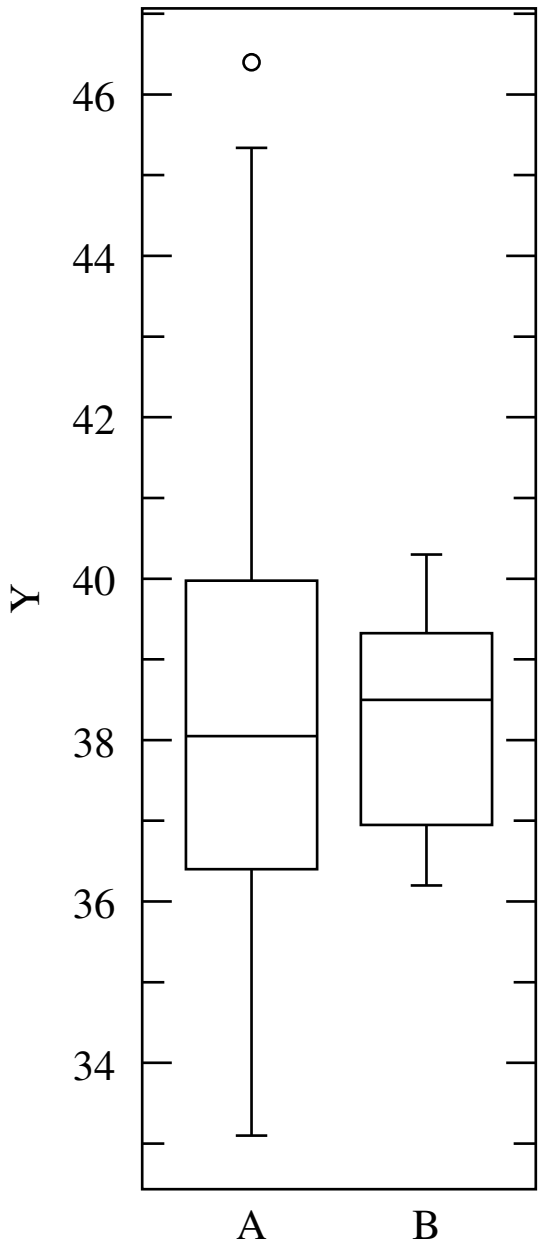
t= 1.89
sdev= 1.18
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.060

Group A: Number of items= 21
Mean = 2.90
95% confidence interval for Mean: 2.390 thru 3.404
Standard Deviation = 2.17
Hi = 11.8 Low = 0.888
Median = 2.54
Average Absolute Deviation from Median = 0.994

Group B: Number of items= 207
Mean = 2.39
95% confidence interval for Mean: 2.225 thru 2.548
Standard Deviation = 1.03
Hi = 11.1 Low = 0.602
Median = 2.29
Average Absolute Deviation from Median = 0.649

Temperature Change After 10 Minutes **(˚C)** Value Village vs. Dollarama

Figure 11a



Value Village vs. Dollarama

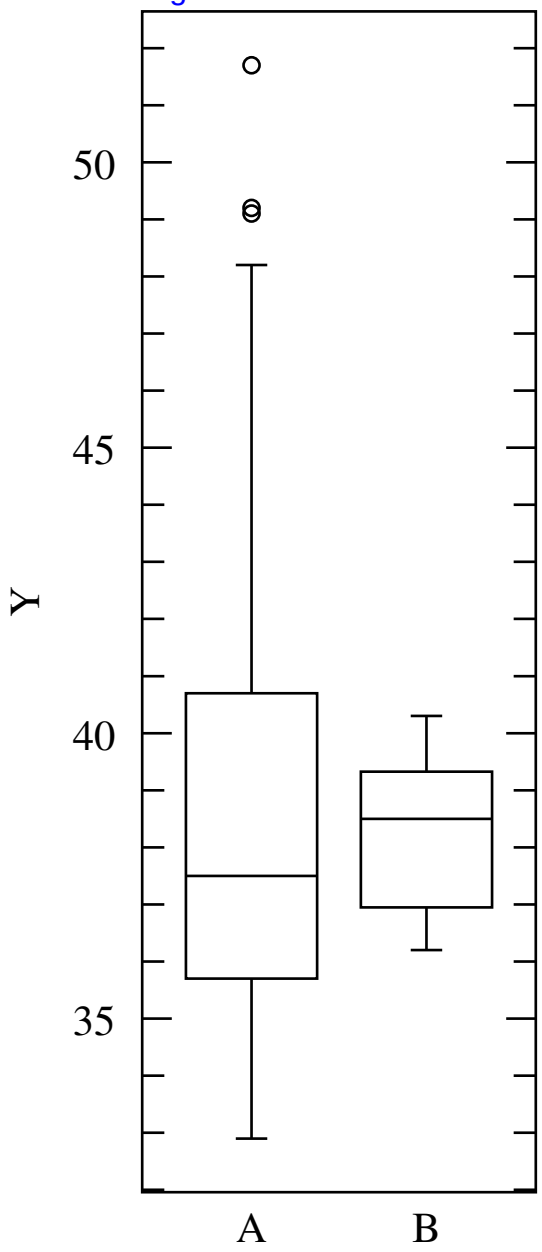
t= 0.132
sdev= 2.94
degrees of freedom = 22 The probability of this result, assuming the null hypothesis, is 0.90

Group A: Number of items= 18
Mean = 38.5
95% confidence interval for Mean: 37.03 thru 39.91
Standard Deviation = 3.26
Hi = 46.4 Low = 33.1
Median = 38.0
Average Absolute Deviation from Median = 2.34

Group B: Number of items= 6
Mean = 38.3
95% confidence interval for Mean: 35.79 thru 40.78
Standard Deviation = 1.43
Hi = 40.3 Low = 36.2
Median = 38.5
Average Absolute Deviation from Median = 1.05

Temperature Change After 10 Minutes **(˚C)** Non-Dollarama vs. Dollarama

Figure 11b



Non-Dollarama vs. Dollarama

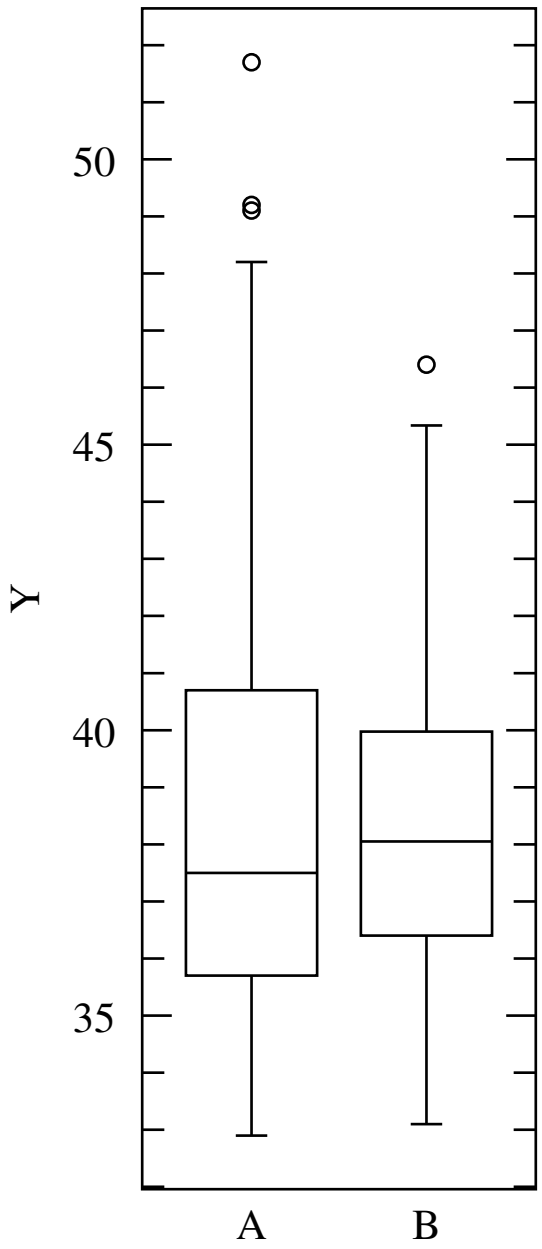
t= 0.617E-01
sdev= 3.64
degrees of freedom = 67 The probability of this result, assuming the null hypothesis, is 0.95

Group A: Number of items= 63
Mean = 38.4
95% confidence interval for Mean: 37.46 thru 39.30
Standard Deviation = 3.77
Hi = 51.7 Low = 32.9
Median = 37.5
Average Absolute Deviation from Median = 2.78

Group B: Number of items= 6
Mean = 38.3
95% confidence interval for Mean: 35.31 thru 41.25
Standard Deviation = 1.43
Hi = 40.3 Low = 36.2
Median = 38.5
Average Absolute Deviation from Median = 1.05

Temperature Change After 10 Minutes **(˚C)** Non-Dollarama vs. Value Village

Figure 11c



Non-Dollarama vs. Value Village

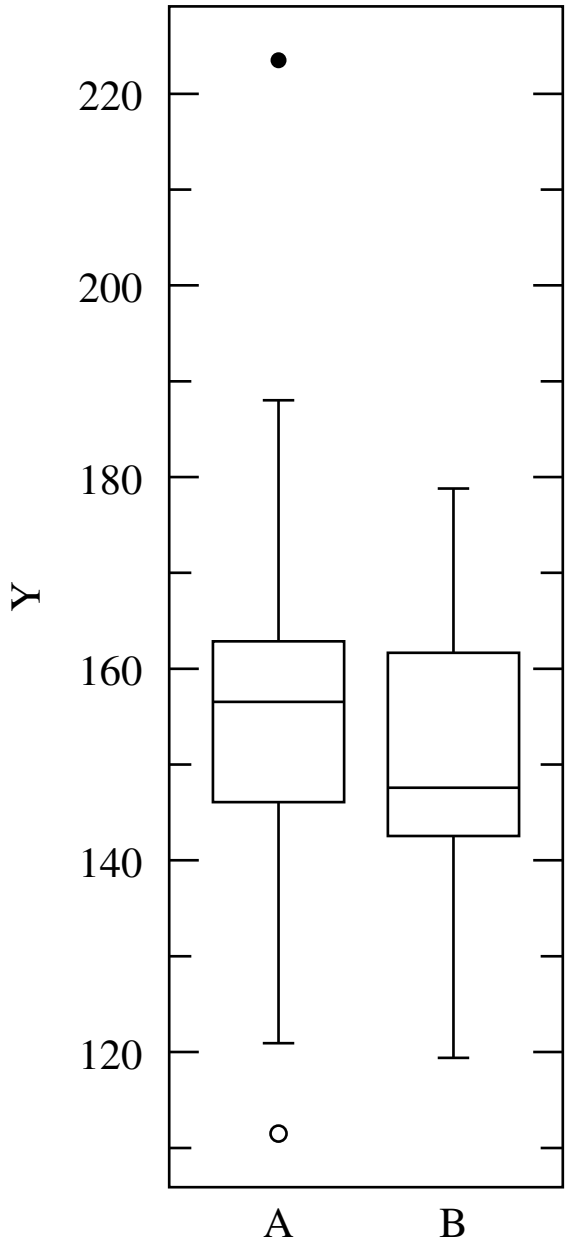
t=-0.892E-01
sdev= 3.66
degrees of freedom = 79 The probability of this result, assuming the null hypothesis, is 0.93

Group A: Number of items= 63
Mean = 38.4
95% confidence interval for Mean: 37.46 thru 39.30
Standard Deviation = 3.77
Hi = 51.7 Low = 32.9
Median = 37.5
Average Absolute Deviation from Median = 2.78

Group B: Number of items= 18
Mean = 38.5
95% confidence interval for Mean: 36.75 thru 40.18
Standard Deviation = 3.26
Hi = 46.4 Low = 33.1
Median = 38.0
Average Absolute Deviation from Median = 2.34

Sum of External Top Diameter and Base Diameter Value Village vs. Dollarama

Figure 12a



Value Village vs. Dollarama

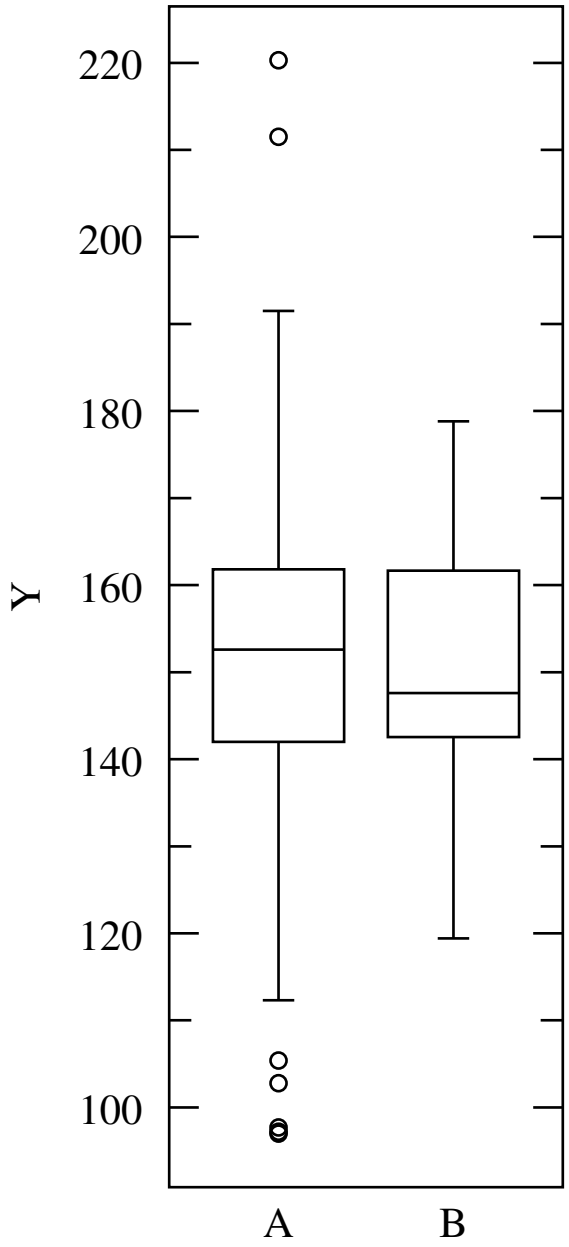
t= 1.40
sdev= 14.1
degrees of freedom = 81 The probability of this result, assuming the null hypothesis, is 0.17

Group A: Number of items= 61
Mean = 156.
95% confidence interval for Mean: 152.2 thru 159.4
Standard Deviation = 14.4
Hi = 224. Low = 112.
Median = 157.
Average Absolute Deviation from Median = 9.83

Group B: Number of items= 21
Mean = 151.
95% confidence interval for Mean: 144.7 thru 157.0
Standard Deviation = 13.5
Hi = 179. Low = 119.
Median = 148.
Average Absolute Deviation from Median = 10.3

Sum of External Top Diameter and Base Diameter Non-Dollarama vs. Dollarama

Figure 12b



Non-Dollarama vs. Dollarama

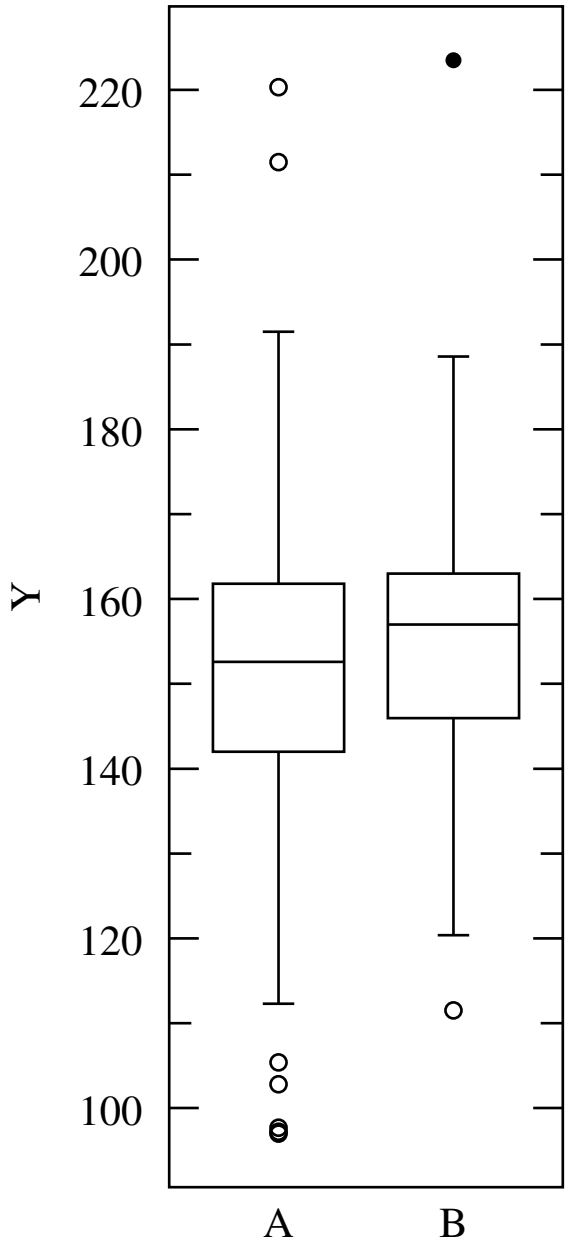
t= 0.222
sdev= 15.9
degrees of freedom =226 The probability of this result, assuming the null hypothesis, is 0.82

Group A: Number of items= 207
Mean = 152.
95% confidence interval for Mean: 149.5 thru 153.8
Standard Deviation = 16.1
Hi = 220. Low = 97.0
Median = 153.
Average Absolute Deviation from Median = 11.9

Group B: Number of items= 21
Mean = 151.
95% confidence interval for Mean: 144.0 thru 157.6
Standard Deviation = 13.5
Hi = 179. Low = 119.
Median = 148.
Average Absolute Deviation from Median = 10.3

Sum of External Top Diameter and Base Diameter Non-Dollarama vs. Value Village

Figure 12c



Non-Dollarama vs. Value Village

t= -1.83
sdev= 15.7
degrees of freedom =266 The probability of this result, assuming the null hypothesis, is 0.068
Group A: Number of items= 207
Mean = 152.
95% confidence interval for Mean: 149.5 thru 153.8
Standard Deviation = 16.1
Hi = 220. Low = 97.0
Median = 153.
Average Absolute Deviation from Median = 11.9

Group B: Number of items= 61
Mean = 156.
95% confidence interval for Mean: 151.9 thru 159.8
Standard Deviation = 14.5
Hi = 224. Low = 112.
Median = 157.
Average Absolute Deviation from Median = 9.97