1

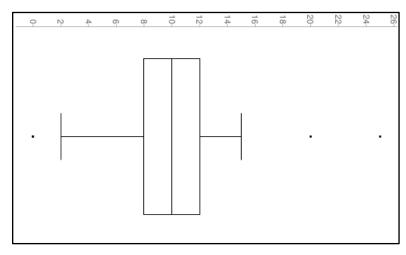
Equal depth (frequency), N=3

[5, 10, 11, 13] [15, 35, 50, 55] [72, 92, 204, 215]

Equal width, N=3

 $Q_1 = 8$ $Q_2 = 10$ $Q_3 = 12$ $IQR = Q_3 - Q_1 = 4$ 1.5 * IQR = 1.5 * 4 = 6 $Q_1 - 6 = 2$ outliers with value smaller than 2 = [0,0]

 $Q_3 + 6 = 18$ outliers with value greater than 18 = [20,25]



3

[13, 15, 16, 16, 19, 20, 20, 21, 22]

[22, 23, 23, 23, 25, 25, 25, 35, 35]

[35, 35, 36, 40, 45, 46, 52, 70]

Smoothing by bin means

[18, 18, 18, 18, 18, 18, 18, 18, 18]

[26.2, 26.2, 26.2, 26.2, 26.2, 26.2, 26.2, 26.2, 26.2]

[44.8, 44.8, 44.8, 44.8, 44.8, 44.8, 44.8, 44.8]

