

Box 1, Women's Heights

The 100 draws are:

59 60 65 63 65 62 62 67 65 64 69 66 62 61 65 61 63 59 66 61 59 66 63 66 67 67 64 67
60 66 68 59 64 62 67 67 64 63 67 65 64 64 71 66 69 64 60 61 61 65 68 70 63 64 66 58
58 67 55 67 68 65 68 62 63 64 59 67 64 60 61 66 68 65 59 70 61 64 66 62 68 59 63 63
68 62 65 64 66 70 61 66 64 67 67 60 68 65 62 64

The average of the draws is 64.11 with an SD of 3.2

An approximate 68% confidence interval is _____

An approximate 95% confidence interval is _____

Box 2, Family Size (Utah 2010 Census Data)

The 100 draws are:

7 6 6 5 3 4 3 3 1 7 3 2 2 2 4 3 6 2 1 4 4 4 4 1 1 1 5 1 1 6 2 1 1 1 4 2 6 3 4 4 5 5
5 2 5 7 4 3 2 1 4 2 4 6 3 4 2 4 3 4 1 2 6 4 3 3 4 3 2 1 5 2 1 3 4 1 3 5 2 2 1 6 5 3
3 4 2 2 3 1 2 1 2 1 6 2 3 4 2 2

The average of the draws is 3.17 with an SD of 1.68

An approximate 68% confidence interval is _____

An approximate 95% confidence interval is _____

Household size for Utah, 2010 census

