Problem 1

> table(Year)

Year

2 3

44 55

> (table(Year)/99)\*100

Year

2 3

44.44444 55.55556

> table(Sex)

Sex

F M

66 33

> (table(Sex)/99)\*100

Sex

F M

66.66667 33.33333

> table(K\_Family)

K\_Family

Complete Incomplete

67 32

> (table(K\_Family)/99)\*100

K\_Family

Complete Incomplete

67.67677 32.32323

> table(Q1)

Q1

No Yes

39 60

> (table(Q1)/99)\*100

Q1

No Yes

39.39394 60.60606

> table(Q2)

Q2

No Yes

56 43

> (table(Q2)/99)\*100

Q2

No Yes

56.56566 43.43434

Problem 2

GWA

1.25 - 1.5

1.51 – 1.75 …… 3.25

Counts

9 26 29 23 8 1 2 1

[1] 9.090909 26.262626 29.292929 23.232323 8.080808 1.010101

[7] 2.020202 1.010101

Min. 1st Qu. Median Mean 3rd Qu. Max. NA's

1.300 1.677 1.875 1.908 2.104 3.200 1

> sd(GWA)

[1] 0.3330361

Problem 3

YEAR

> SS

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.300 1.559 1.724 1.803 2.066 2.375

hist.second

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50

$counts

[1] 8 15 8 8 5

> (hist.second$counts/99)\*100

[1] 8.080808 15.151515 8.080808 8.080808 5.050505

> sd(Second)

[1] 0.2947853

> ST

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.361 1.796 1.933 1.992 2.127 3.200

> hist.third

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25

$counts

[1] 1 11 21 15 3 1 2 1

> (hist.third$counts/99)\*100

[1] 1.010101 11.111111 21.212121 15.151515 3.030303 1.010101

[7] 2.020202 1.010101

> sd(Third)

[1] 0.3405031

SEX

SM

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.467 1.683 1.875 1.916 2.060 2.917

> hist.male

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00

$counts

[1] 1 10 11 6 4 0 1

> (hist.male$counts/99)\*100

[1] 1.010101 10.101010 11.111111 6.060606 4.040404 0.000000

[7] 1.010101

> sd(Male)

[1] 0.3116077

> SF

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.300 1.676 1.872 1.904 2.124 3.200

> hist.female

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25

$counts

[1] 8 16 18 17 4 1 1 1

> (hist.female$counts/99)\*100

[1] 8.080808 16.161616 18.181818 17.171717 4.040404 1.010101

[7] 1.010101 1.010101

> sd(Female)

[1] 0.3455034

Kinds of Family

> SI

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.500 1.717 1.847 1.931 2.066 2.958

> hist.incomplete

$breaks

[1] 1.50 1.75 2.00 2.25 2.50 2.75 3.00

$counts

[1] 11 10 7 2 0 2

> (hist.incomplete$counts/99)\*100

[1] 11.111111 10.101010 7.070707 2.020202 0.000000 2.020202

> sd(Incomplete)

[1] 0.3462715

> SC

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.300 1.671 1.880 1.897 2.122 3.200

> hist.complete

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25

$counts

[1] 8 16 19 16 6 1 0 1

> (hist.complete$counts/99)\*100

[1] 8.080808 16.161616 19.191919 16.161616 6.060606 1.010101

[7] 0.000000 1.010101

> sd(Complete)

[1] 0.3285867

Q1

> SQ1Yes

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.361 1.710 1.886 1.948 2.094 3.200

> hist.Q1Yes

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25

$counts

[1] 3 17 18 13 5 1 2 1

> (hist.Q1Yes$counts/99)\*100

[1] 3.030303 17.171717 18.181818 13.131313 5.050505 1.010101

[7] 2.020202 1.010101

> sd(Q1Yes)

[1] 0.3604992

> SQ1No

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.300 1.643 1.863 1.847 2.104 2.324

> hist.Q1No

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50

$counts

[1] 6 9 11 10 3

> (hist.Q1No$counts/99)\*100

[1] 6.060606 9.090909 11.111111 10.101010 3.030303

> sd(Q1No)

[1] 0.2791561

Q2

> SQ2Yes

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.361 1.677 1.825 1.874 2.028 2.958

> hist.Q2Yes

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00

$counts

[1] 3 13 16 8 1 0 2

> (hist.Q2Yes$counts/99)\*100

[1] 3.030303 13.131313 16.161616 8.080808 1.010101 0.000000

[7] 2.020202

> sd(Q2Yes)

[1] 0.327064

> SQ2No

Min. 1st Qu. Median Mean 3rd Qu. Max.

1.300 1.681 1.926 1.933 2.135 3.200

> hist.Q2No

$breaks

[1] 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 3.25

$counts

[1] 6 13 13 15 7 1 0 1

> (hist.Q2No$counts/99)\*100

[1] 6.060606 13.131313 13.131313 15.151515 7.070707 1.010101

[7] 0.000000 1.010101

> sd(Q2No)

[1] 0.3382313