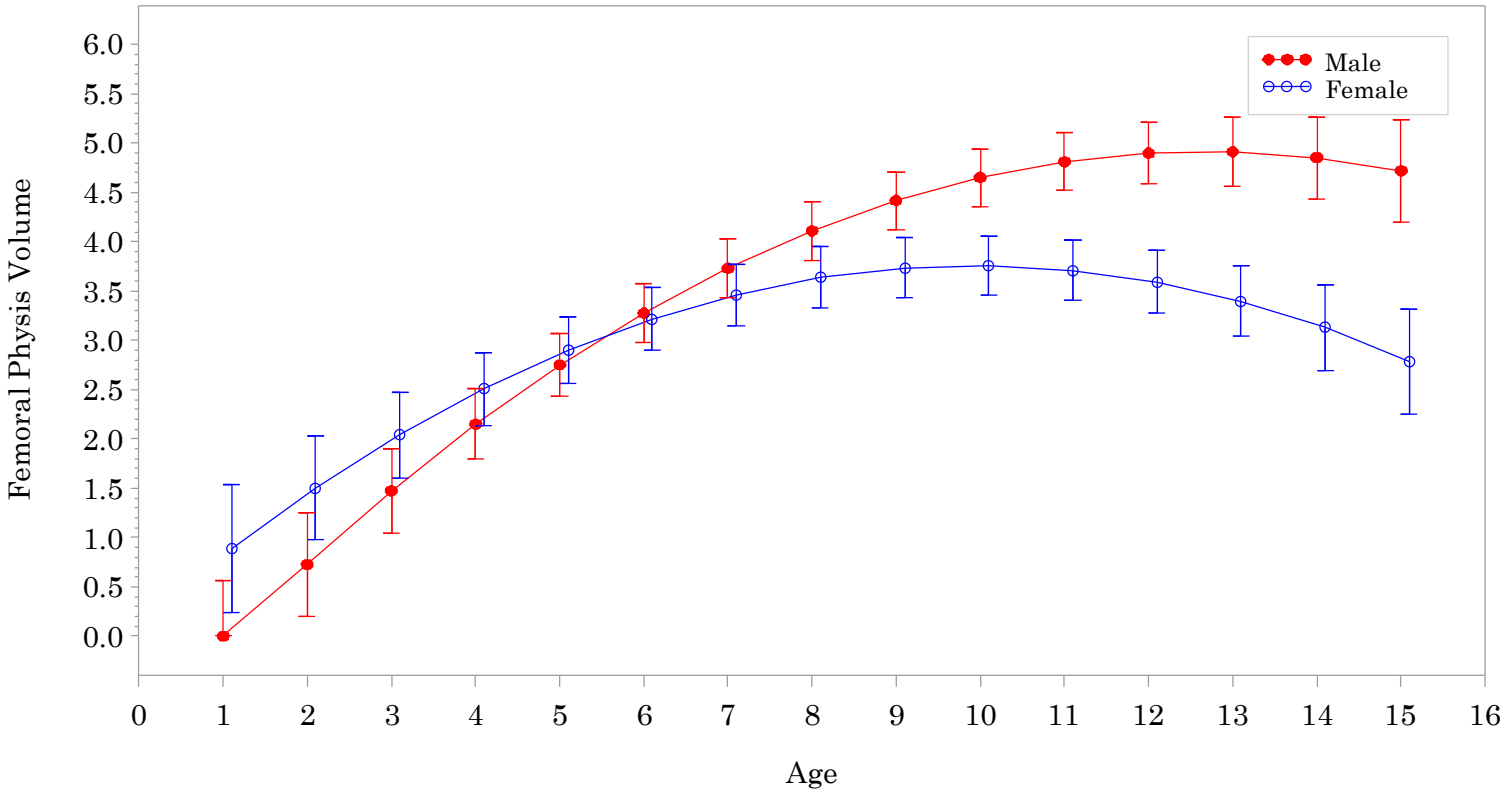
Femoral Physis Volume vs Age by Quardratic Fitting

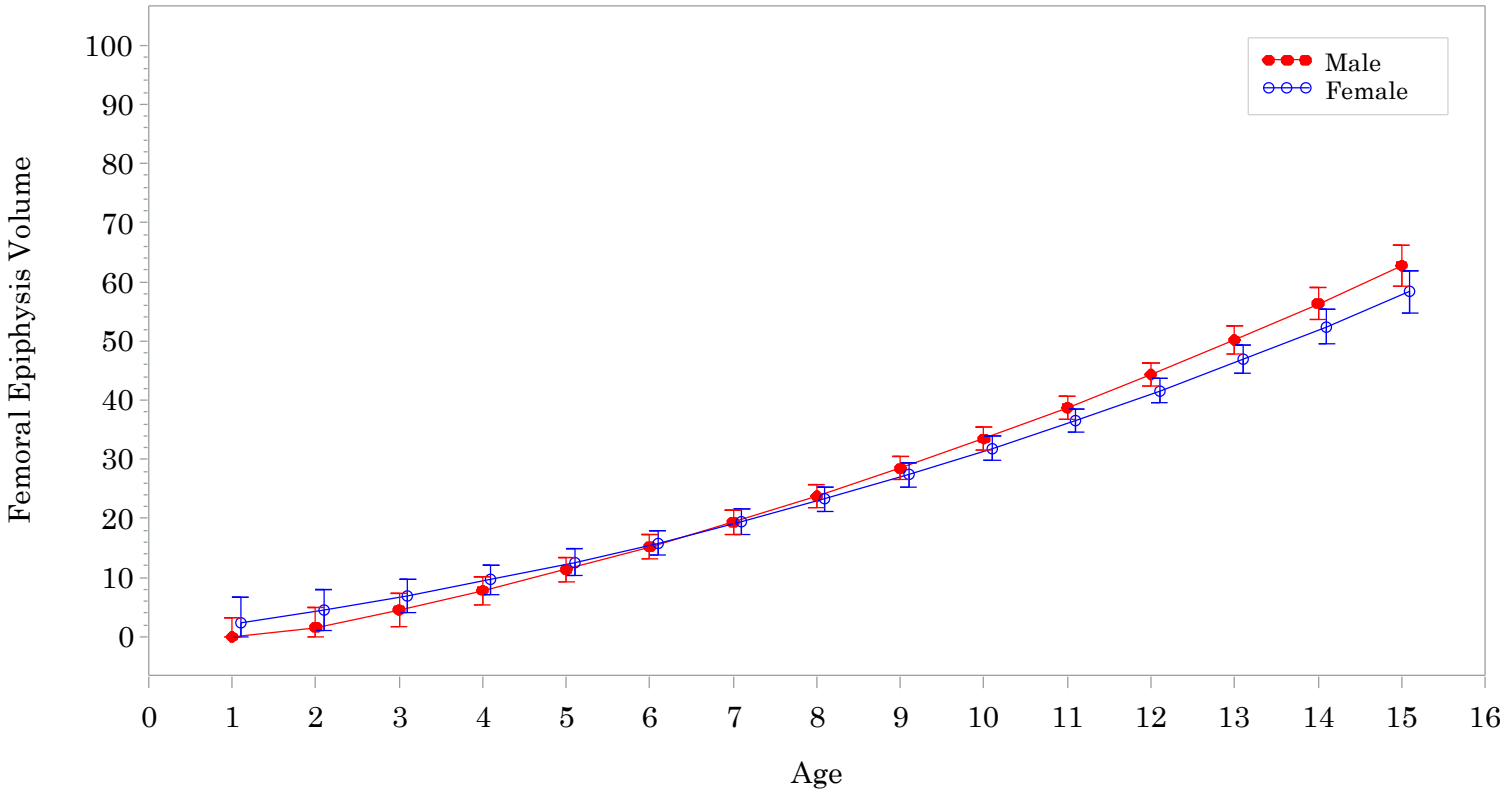
p(Gender)= 0.0034; p(Age)=<0.0001; p(Age*Gender)=<0.0001; p(Age*Age)=<0.0001



Regression Equation:
Fem_Ph_V=-0.9849 + 0.9299*Age + -0.0366*Age*Age + 1.1902*Female + -0.2082*Female*Age

Femoral Epiphysis Volume vs Age by Quardratic Fitting

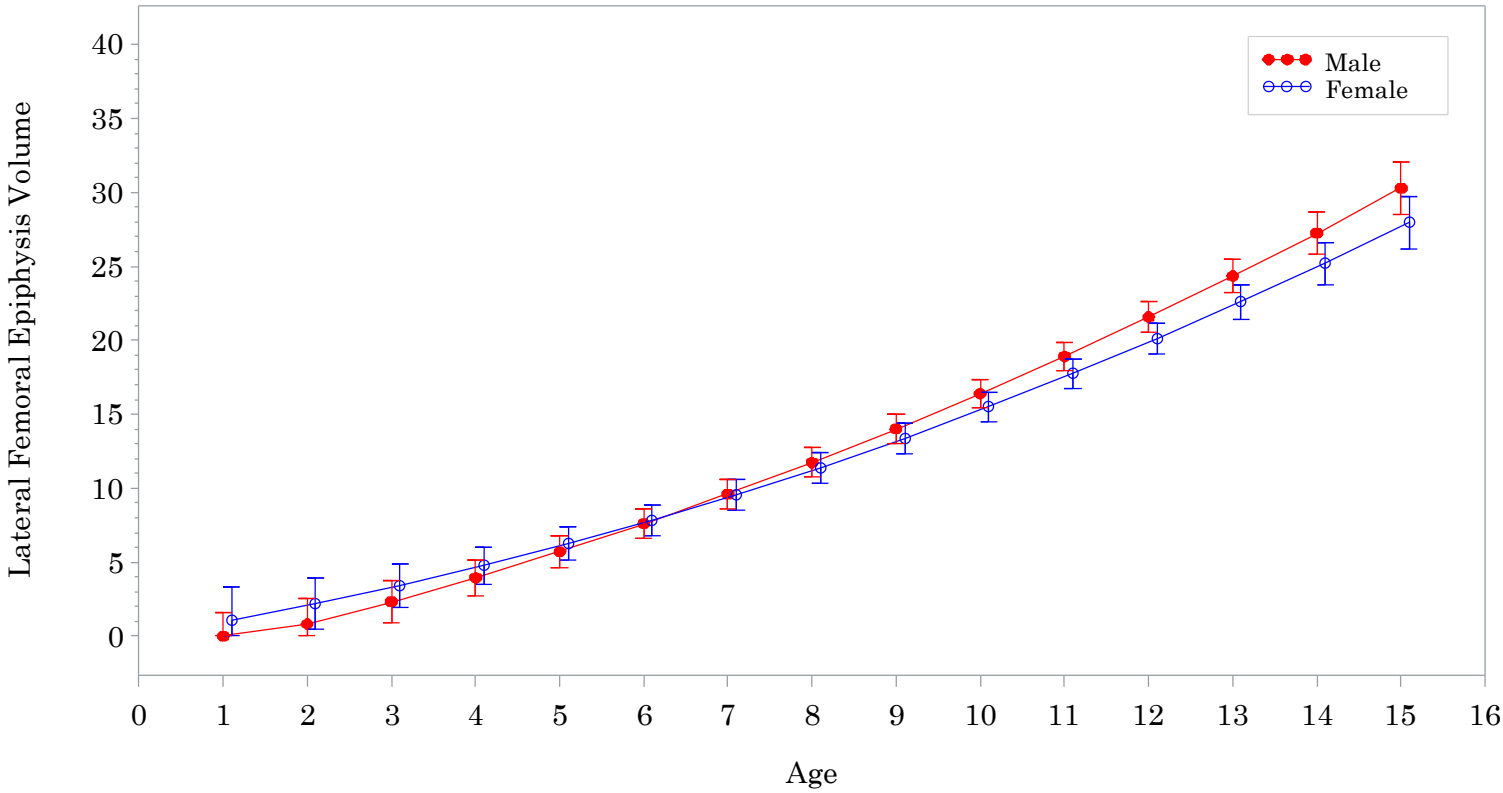
p(Gender)= 0.1278; p(Age)= 0.0018; p(Age*Gender)= 0.0413; p(Age*Age)=<0.0001



Regression Equation:
Fem_Ep_V=-3.5073 + 2.2567*Age + 0.1441*Age*Age + 4.0704*Female + -0.5691*Female*Age

Lateral Femoral Epiphysis Volume vs Age by Quardratic Fitting

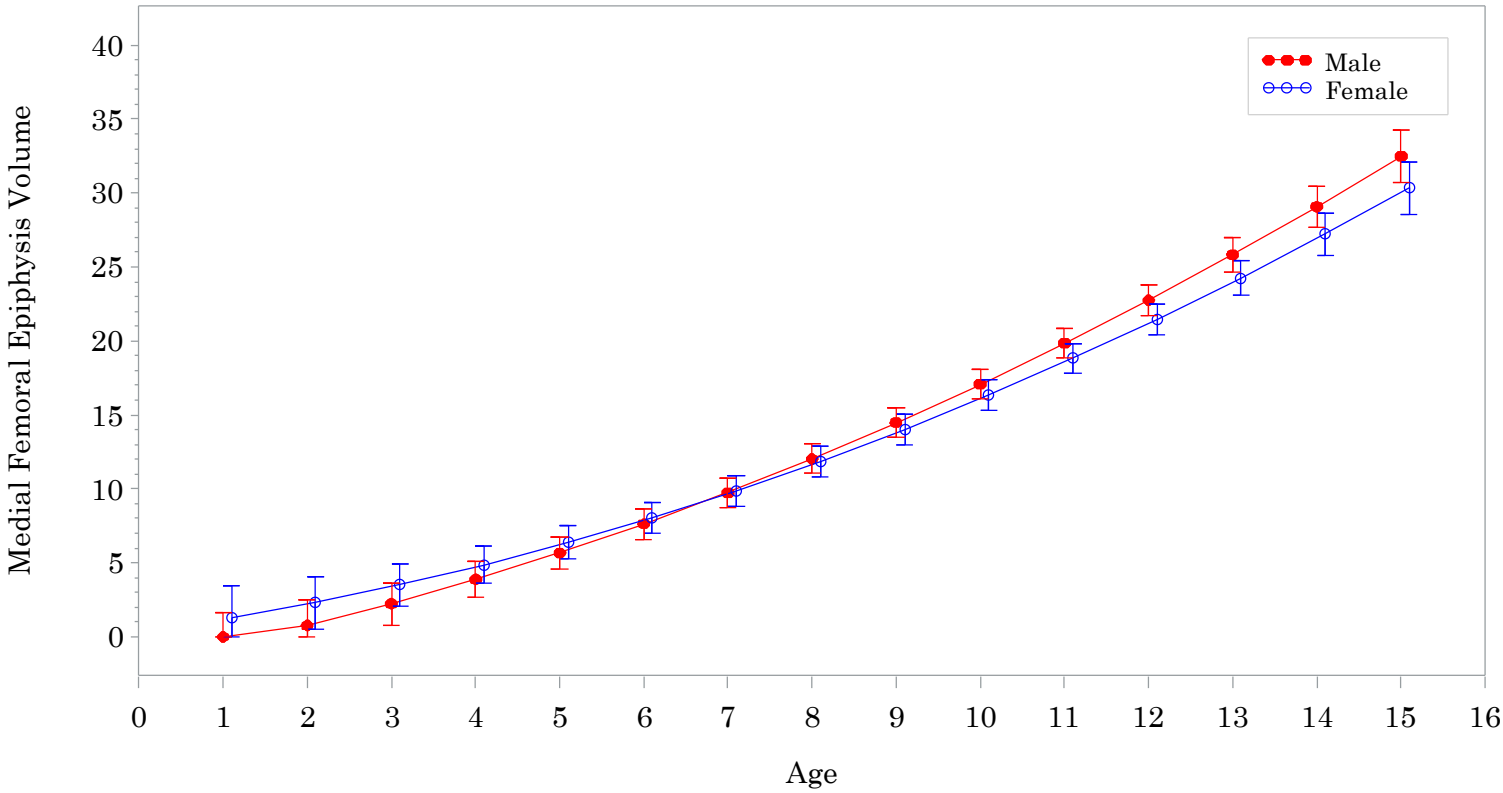
p(Gender)= 0.1487; p(Age)= 0.0012; p(Age*Gender)= 0.0431; p(Age*Age)= 0.0006



Regression Equation:
L_F_Ep_V=-1.7929 + 1.1811*Age + 0.0638*Age*Age + 1.9481*Female + -0.2848*Female*Age

Medial Femoral Epiphysis Volume vs Age by Quardratic Fitting

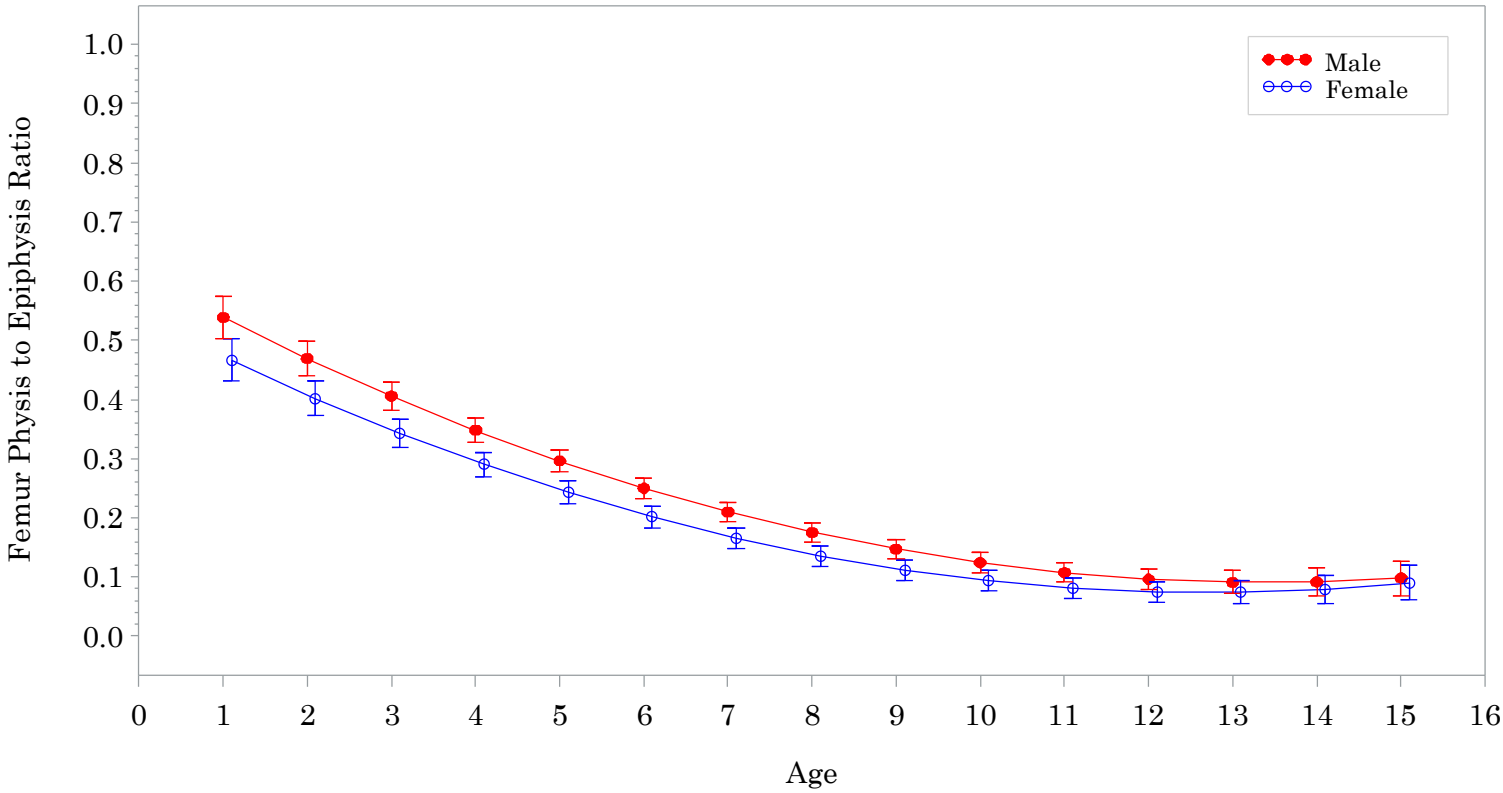
p(Gender)= 0.1183; p(Age)= 0.0037; p(Age*Gender)= 0.0448; p(Age*Age)=<0.0001



Regression Equation:
M_F_EP_V=-1.7144 + 1.0756*Age + 0.0803*Age*Age + 2.1222*Female + -0.2843*Female*Age

Femur Physis to Epiphysis Ratio vs Age by Quardratic Fitting

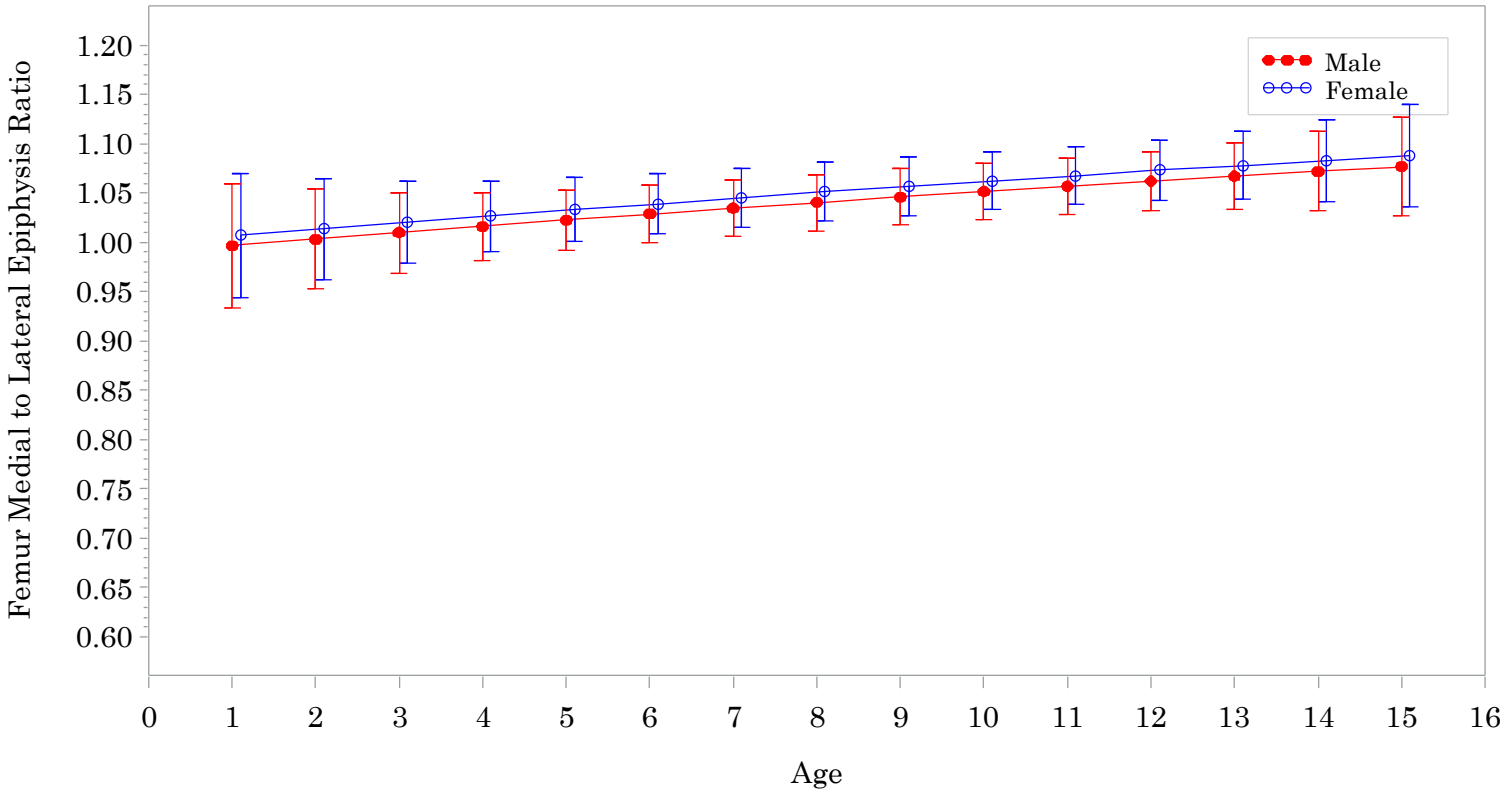
p(Gender)= 0.0008; p(Age)=<0.0001; p(Age*Gender)= 0.0520; p(Age*Age)=<0.0001



Regression Equation:
F_PE_Rat= 0.6137 + -0.0781*Age + 0.0029*Age*Age + -0.0762*Female + 0.0046*Female*Age

Femur Medial to Lateral Epiphysis Ratio vs Age by Quardratic Fitting

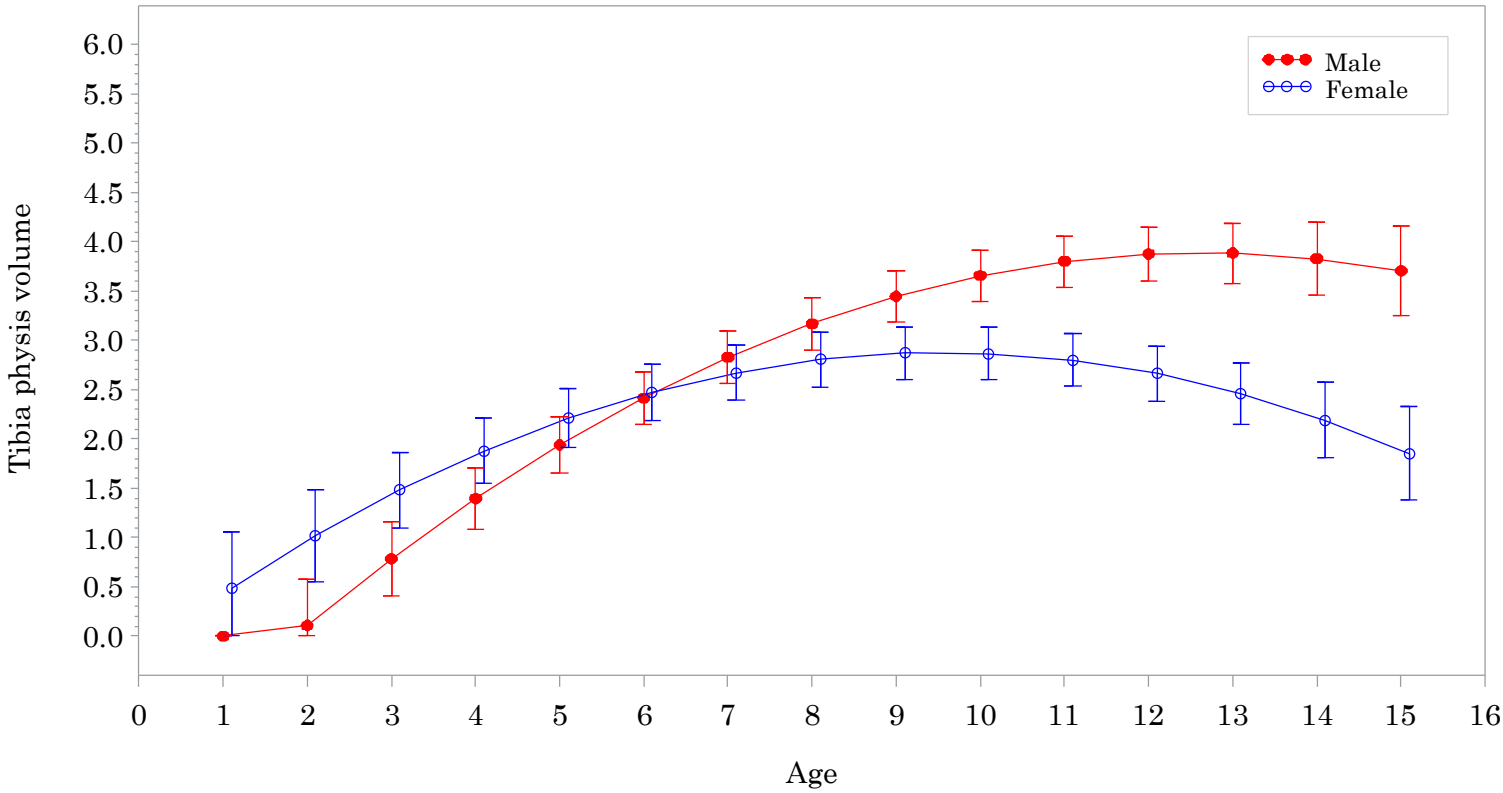
p(Gender)= 0.7917; p(Age)= 0.4444; p(Age*Gender)= 0.9870; p(Age*Age)= 0.8848



Regression Equation:
F_ML_Rat= 0.9896 + 0.0070*Age + -0.0001*Age*Age + 0.0103*Female + 0.0001*Female*Age

Tibia physis volume vs Age by Quardratic Fitting

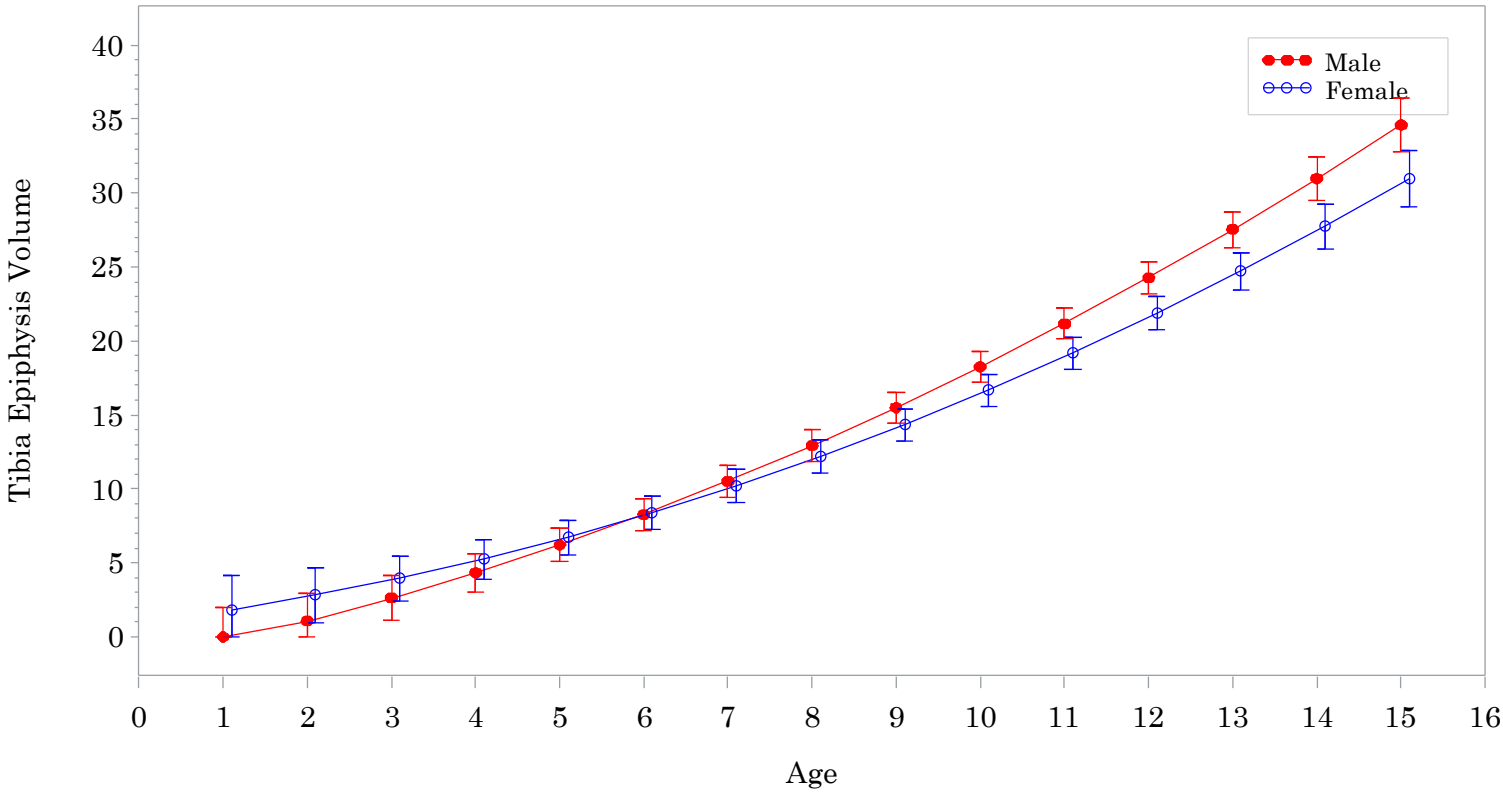
p(Gender)= 0.0002; p(Age)=<0.0001; p(Age*Gender)=<0.0001; p(Age*Age)=<0.0001



Regression Equation:
Tib_Ph_V=-1.4455 + 0.8438*Age + -0.0334*Age*Age + 1.3298*Female + -0.2119*Female*Age

Tibia Epiphysis Volume vs Age by Quardratic Fitting

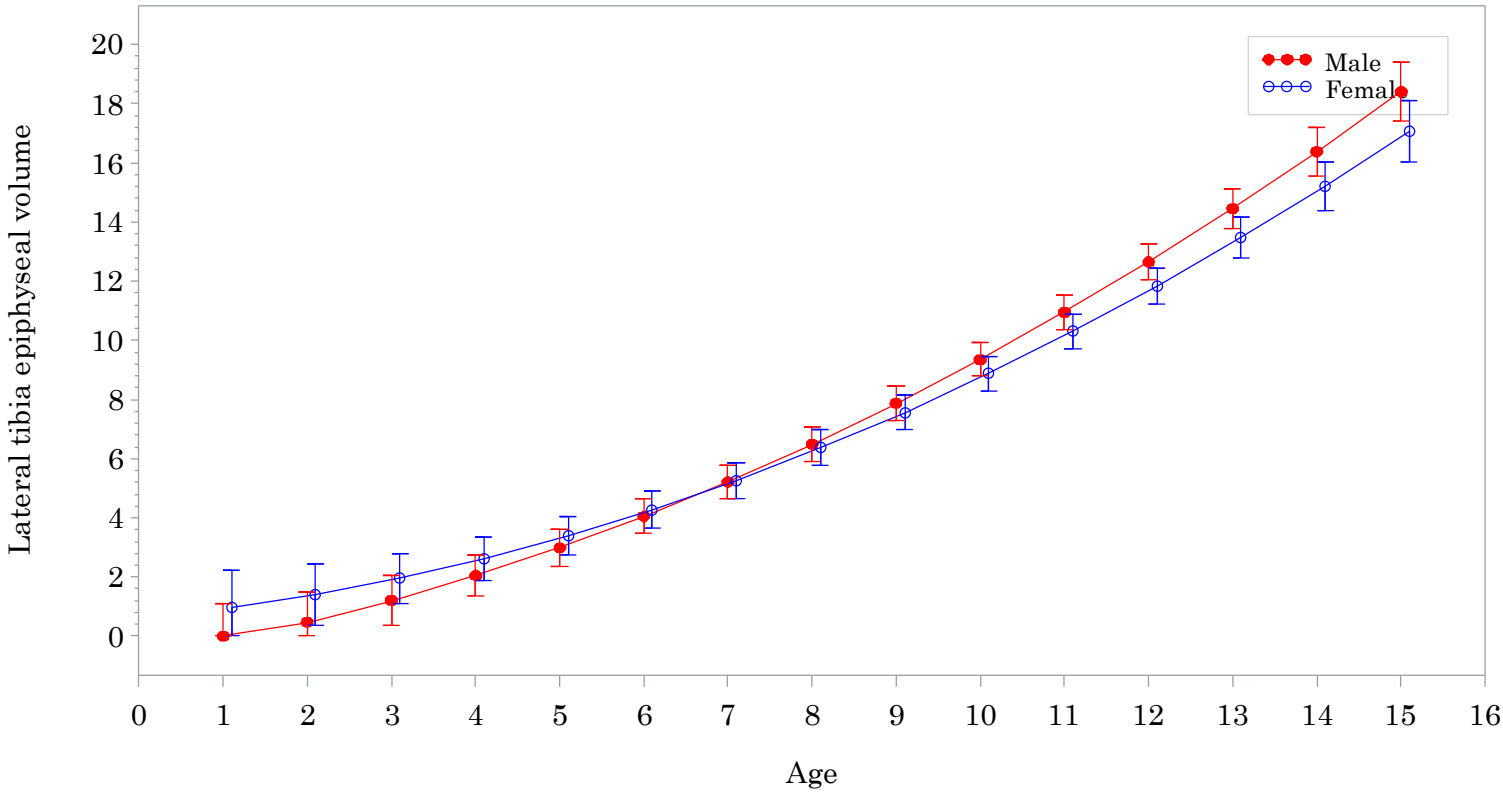
p(Gender)= 0.0734; p(Age)= 0.0075; p(Age*Gender)= 0.0058; p(Age*Age)=<0.0001



Regression Equation:
Tib_Ep_V=-1.4973 + 1.1116*Age + 0.0863*Age*Age + 2.5675*Female + -0.4139*Female*Age

Lateral tibia epiphyseal volume vs Age by Quardratic Fitting

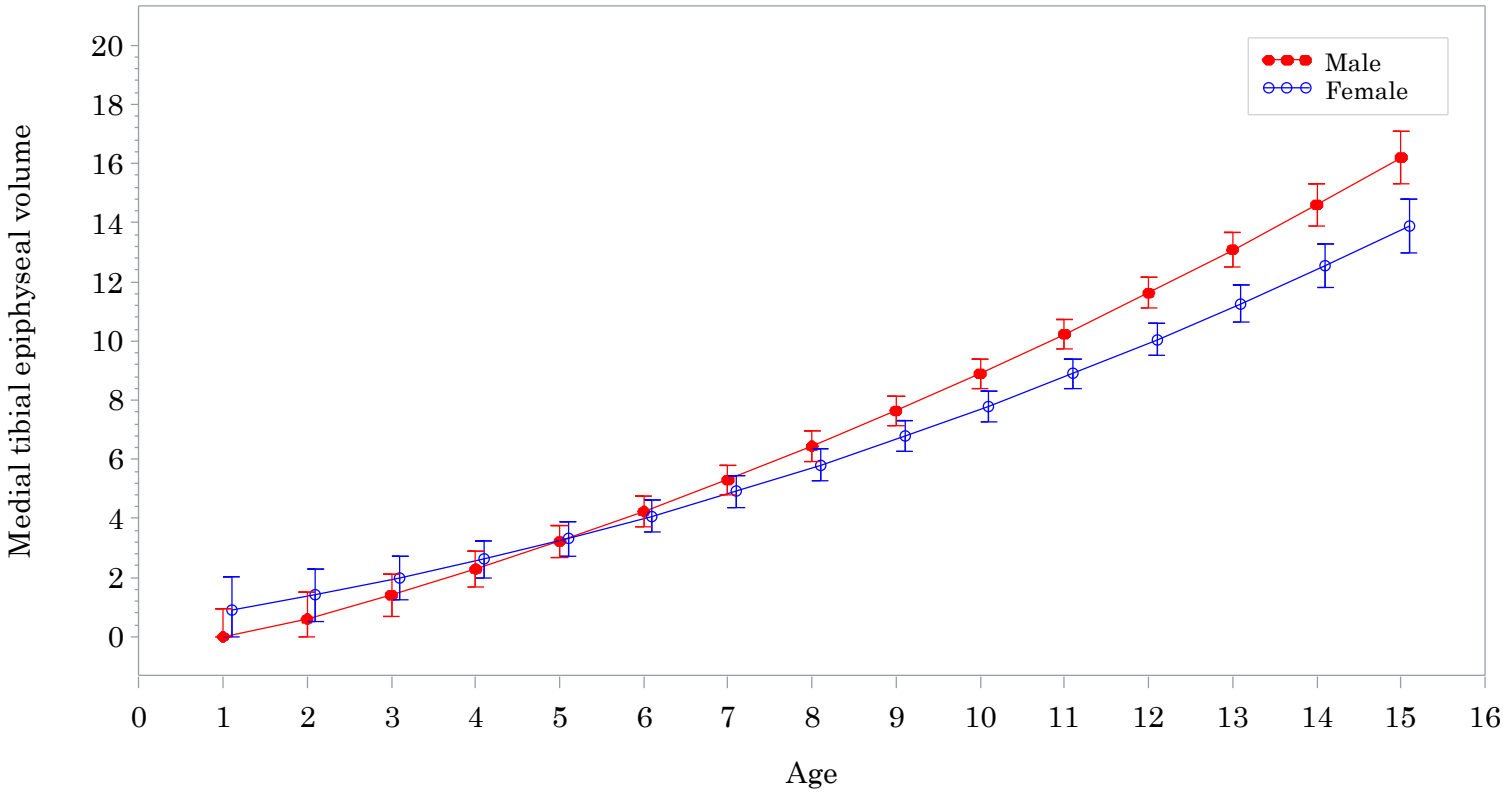
p(Gender)= 0.1031; p(Age)= 0.0433; p(Age*Gender)= 0.0325; p(Age*Age)=<0.0001



Regression Equation:
L_T_Ep_V=-0.6657 + 0.4621*Age + 0.0539*Age*Age + 1.2831*Female + -0.1756*Female*Age

Medial tibial epiphyseal volume vs Age by Quardratic Fitting

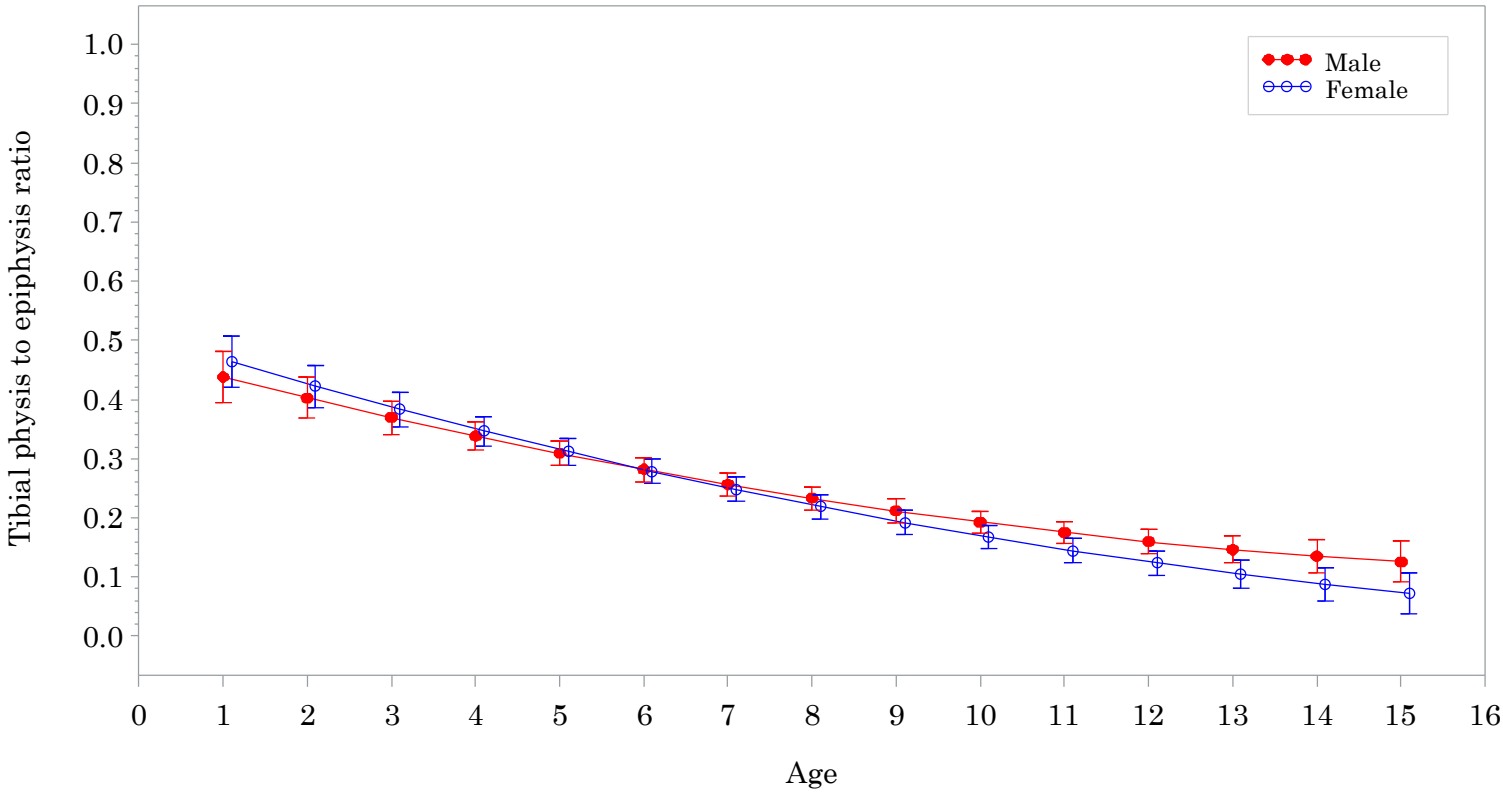
p(Gender)= 0.0635; p(Age)= 0.0012; p(Age*Gender)= 0.0010; p(Age*Age)= 0.0007



Regression Equation:
M_T_Ep_V=-0.8316 + 0.6496*Age + 0.0323*Age*Age + 1.2845*Female + -0.2383*Female*Age

Tibial physis to epiphysis ratio vs Age by Quardratic Fitting

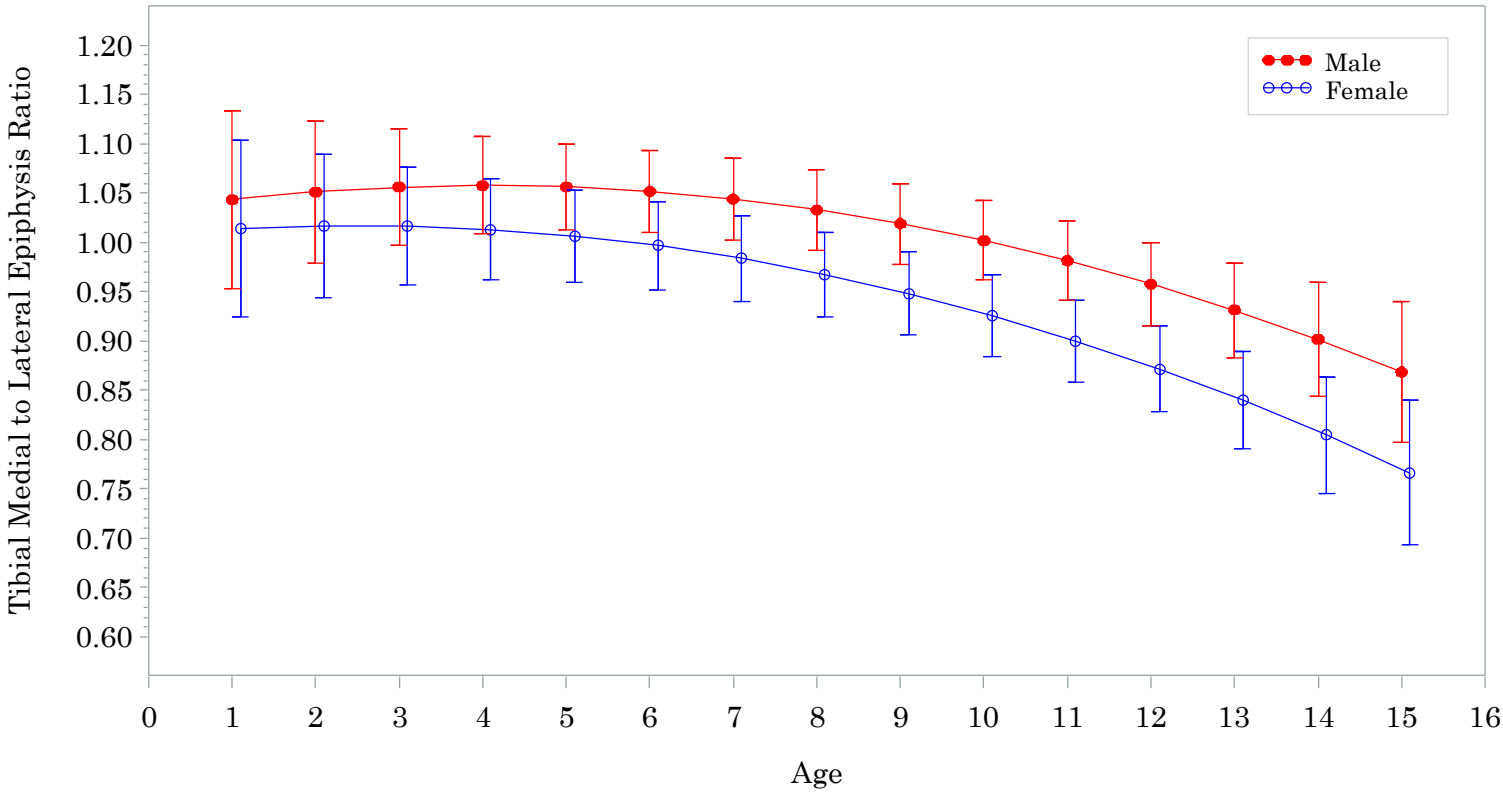
p(Gender)= 0.2531; p(Age)=<0.0001; p(Age*Gender)= 0.0463; p(Age*Age)= 0.0072



Regression Equation:
T_PE_Rat= 0.4751 + -0.0382*Age + 0.0010*Age*Age + 0.0307*Female + -0.0056*Female*Age

Tibial Medial to Lateral Epiphysis Ratio vs Age by Quardratic Fitting

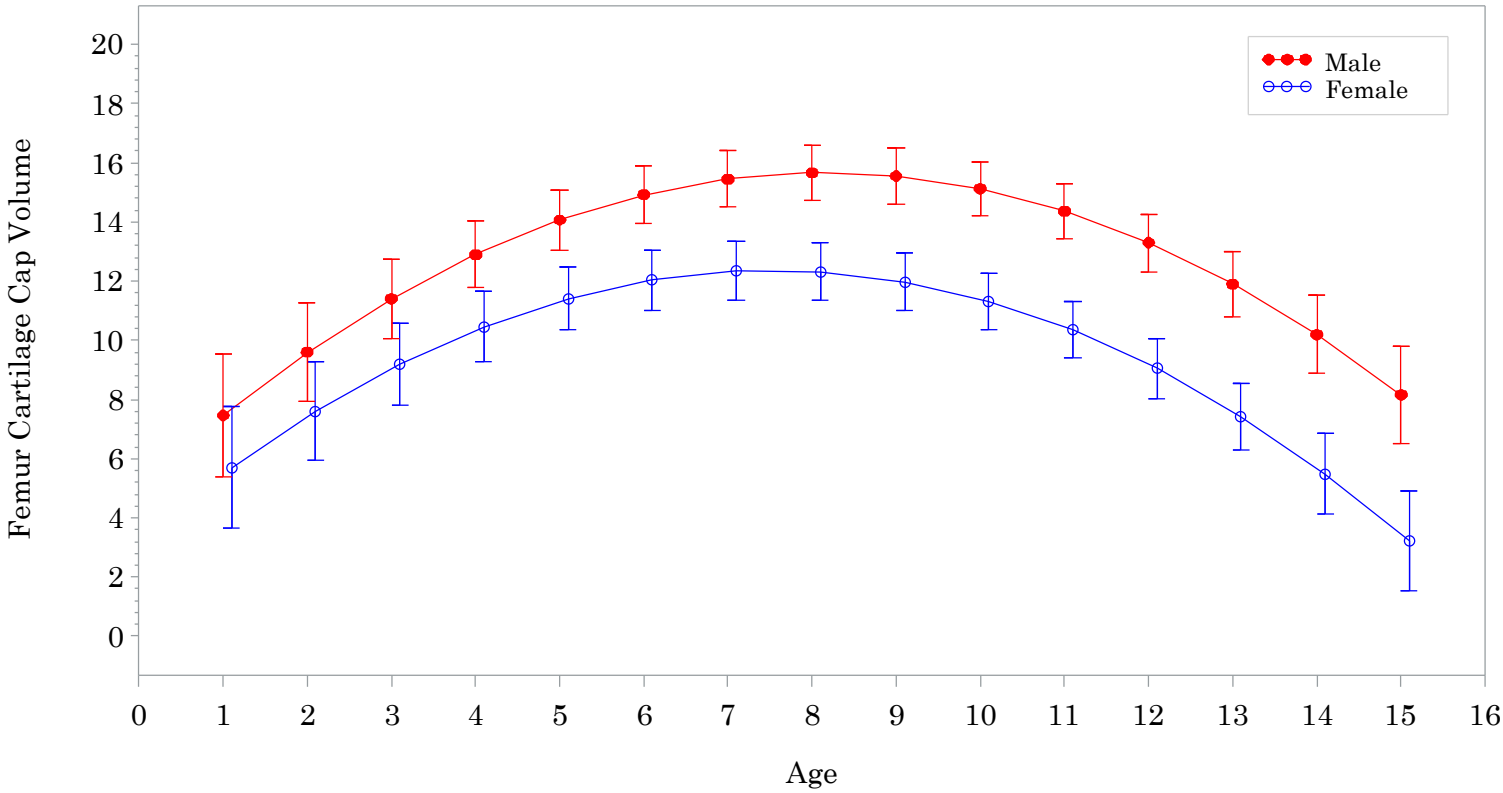
p(Gender)= 0.6671; p(Age)= 0.4409; p(Age*Gender)= 0.3698; p(Age*Age)= 0.0391



Regression Equation:
T_ML_Rat= 1.0322 + 0.0127*Age + -0.0016*Age*Age + -0.0239*Female + -0.0052*Female*Age

Femur Cartilage Cap Volume vs Age by Quardratic Fitting

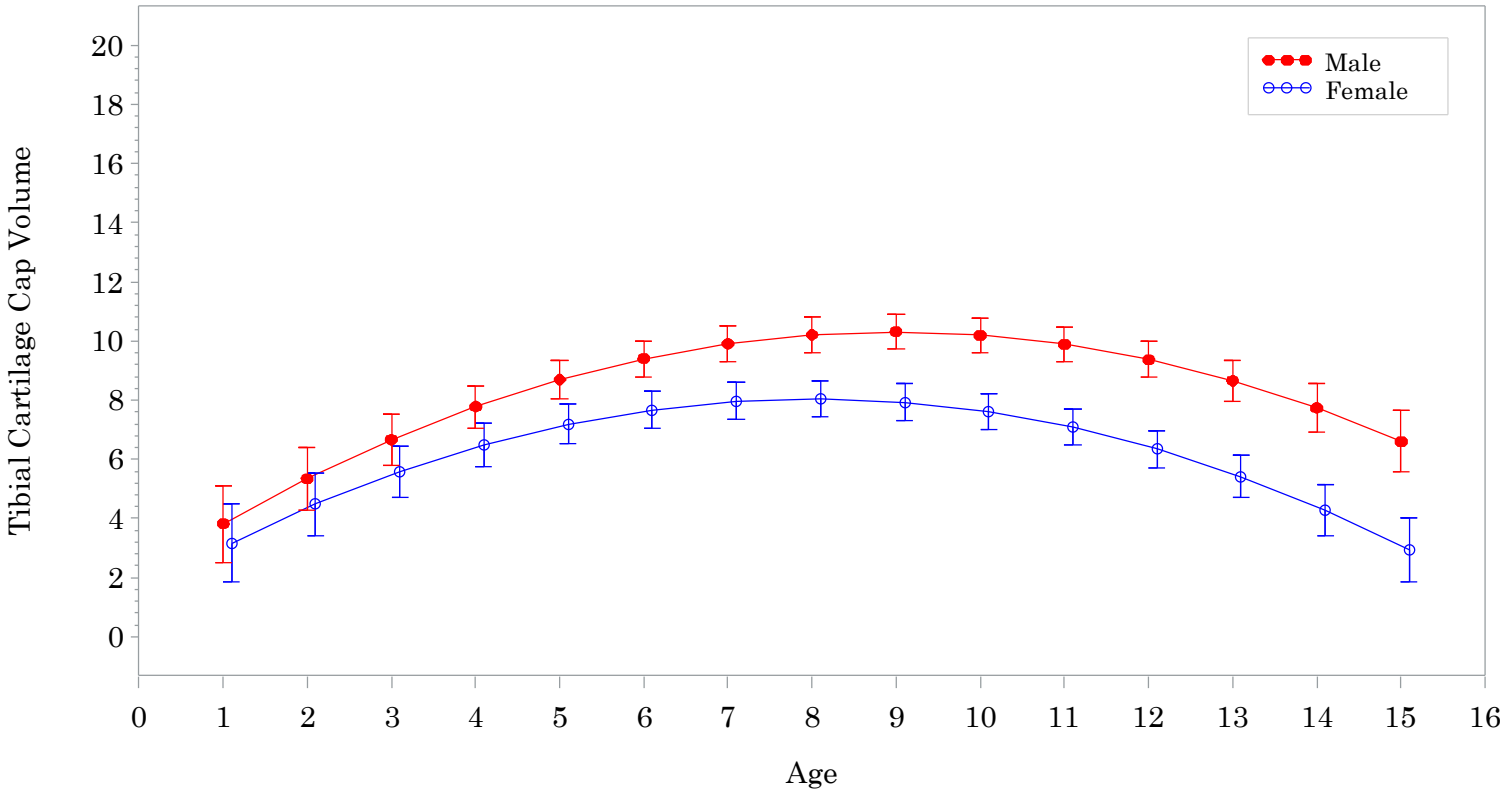
p(Gender)= 0.2327; p(Age)=<0.0001; p(Age*Gender)= 0.0883; p(Age*Age)=<0.0001



Regression Equation:
F_Cart_V= 5.0037 + 2.6149*Age + -0.1603*Age*Age + -1.5262*Female + -0.2273*Female*Age

Tibial Cartilage Cap Volume vs Age by Quardratic Fitting

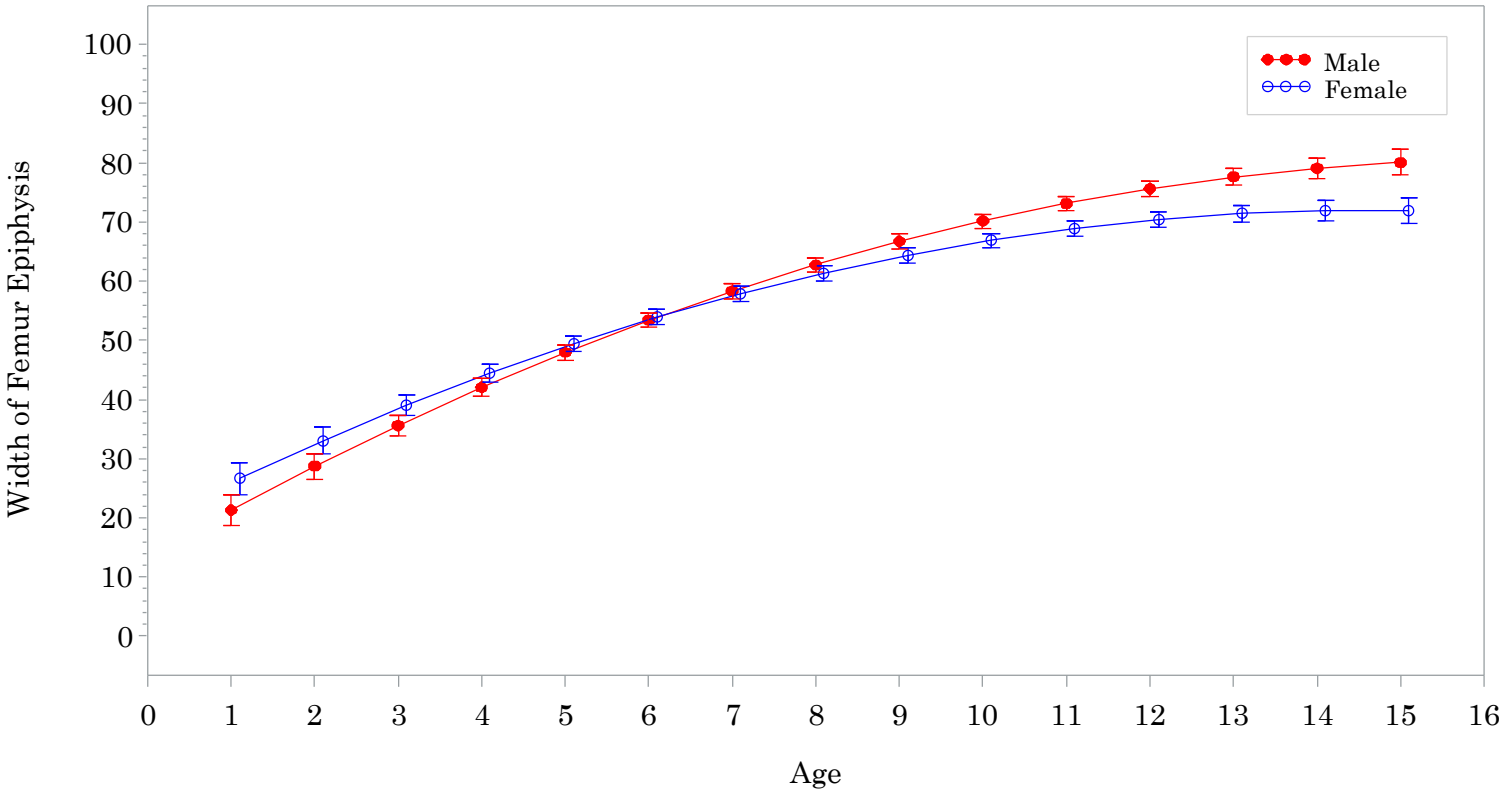
p(Gender)= 0.5964; p(Age)=<0.0001; p(Age*Gender)= 0.0104; p(Age*Age)=<0.0001



Regression Equation:
T_Cart_V= 2.0911 + 1.8299*Age + -0.1019*Age*Age + -0.4270*Female + -0.2165*Female*Age

Width of Femur Epiphysis vs Age by Quardratic Fitting

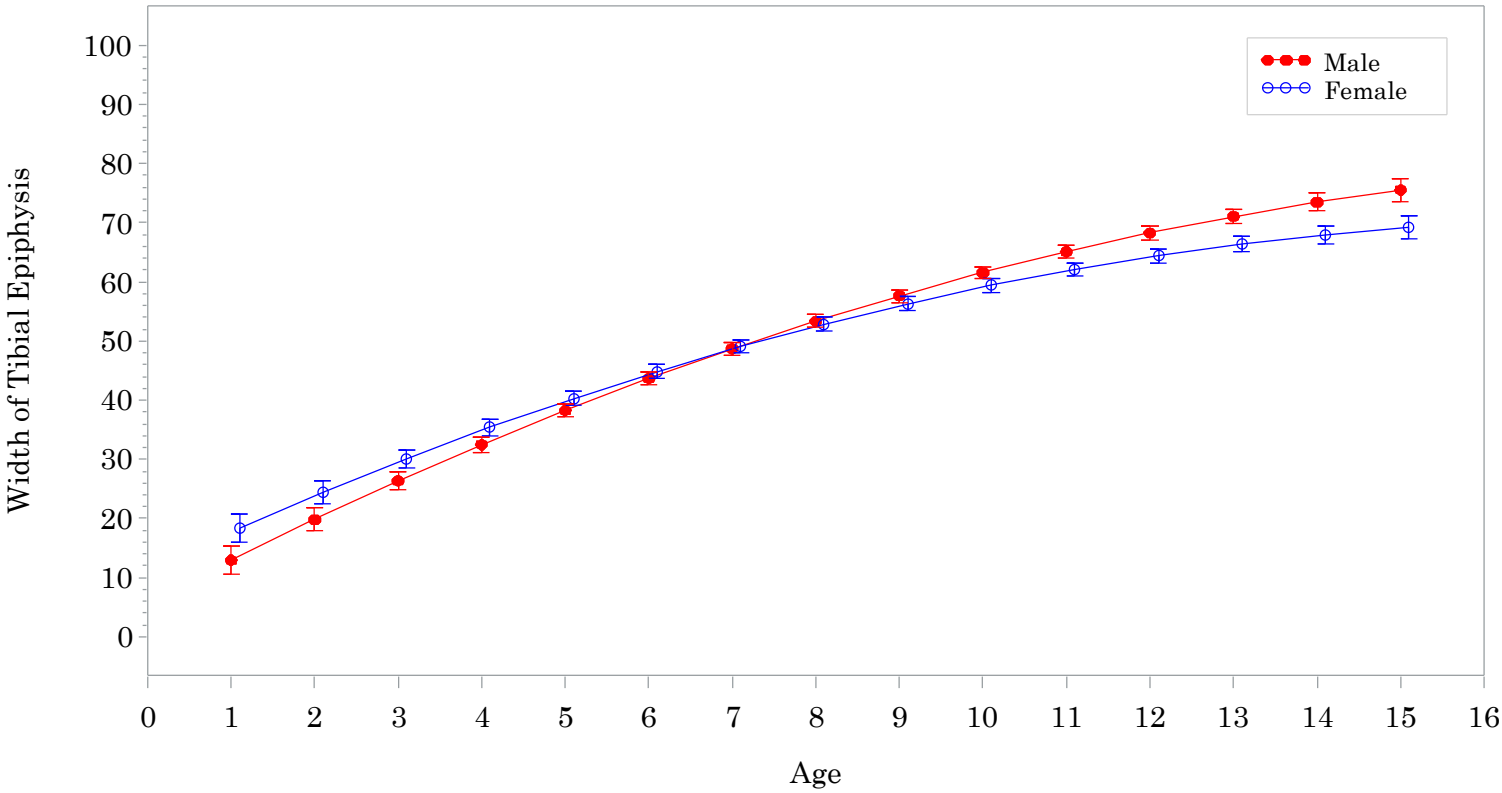
p(Gender)= 0.0002; p(Age)=<0.0001; p(Age*Gender)=<0.0001; p(Age*Age)=<0.0001



Regression Equation:
F_Epi_Wd=13.4186 + 8.1386*Age + -0.2463*Age*Age + 6.2884*Female + -0.9615*Female*Age

Width of Tibial Epiphysis vs Age by Quardratic Fitting

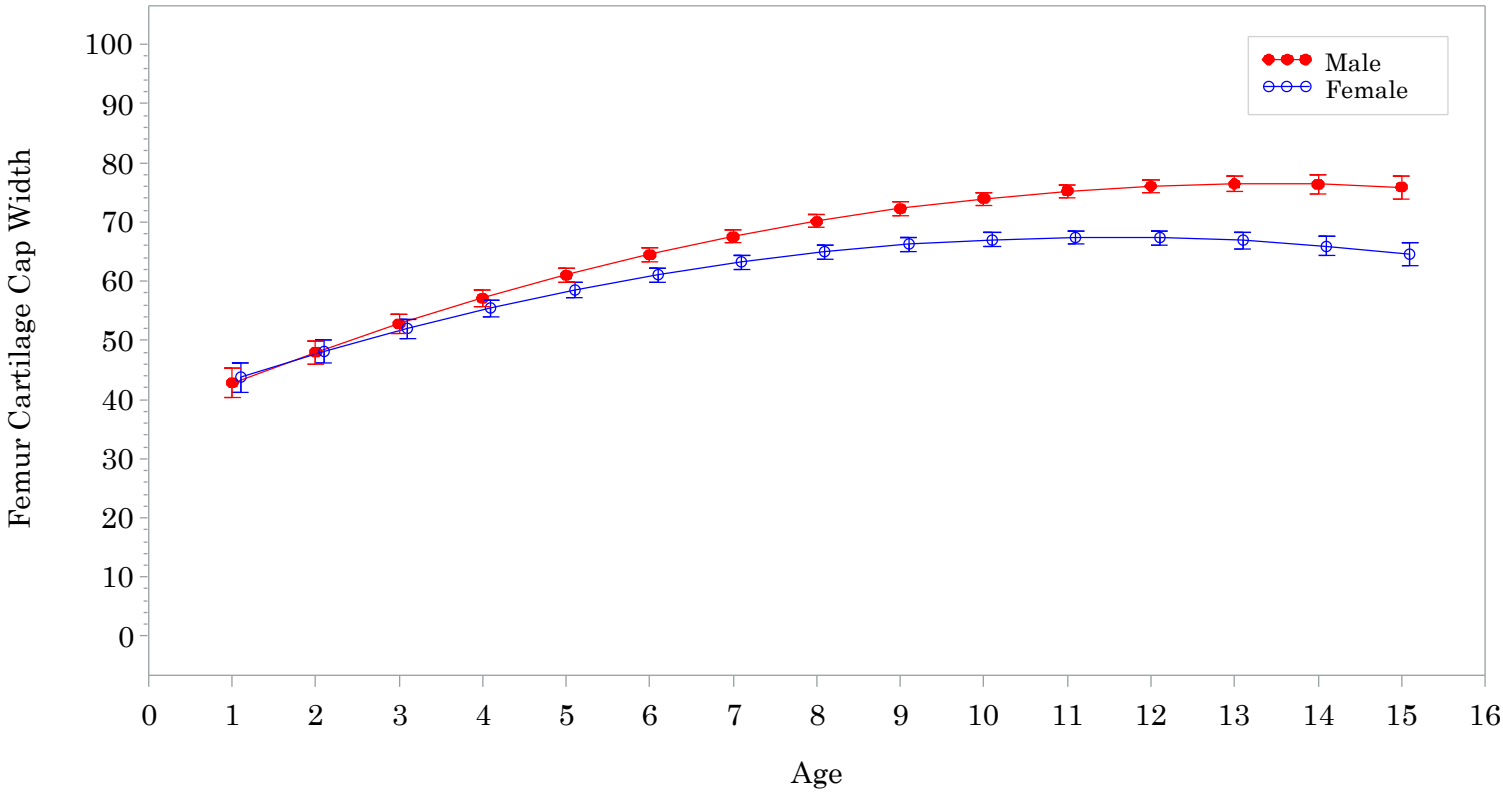
p(Gender)=<0.0001; p(Age)=<0.0001; p(Age*Gender)=<0.0001; p(Age*Age)=<0.0001



Regression Equation:
T_Epi_Wd= 5.6726 + 7.4462*Age + -0.1860*Age*Age + 6.2496*Female + -0.8405*Female*Age

Femur Cartilage Cap Width vs Age by Quardratic Fitting

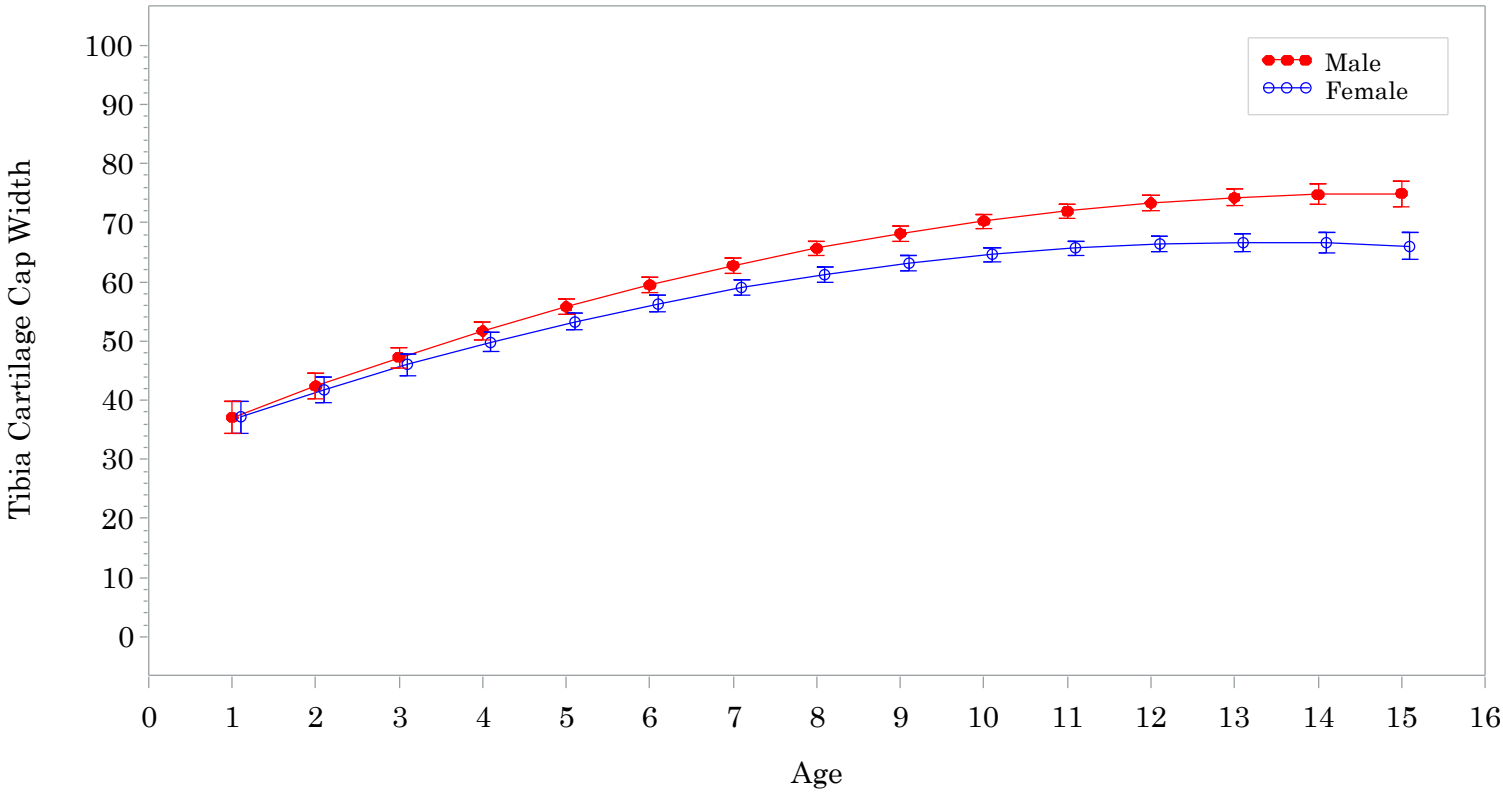
p(Gender)= 0.2203; p(Age)=<0.0001; p(Age*Gender)=<0.0001; p(Age*Age)=<0.0001



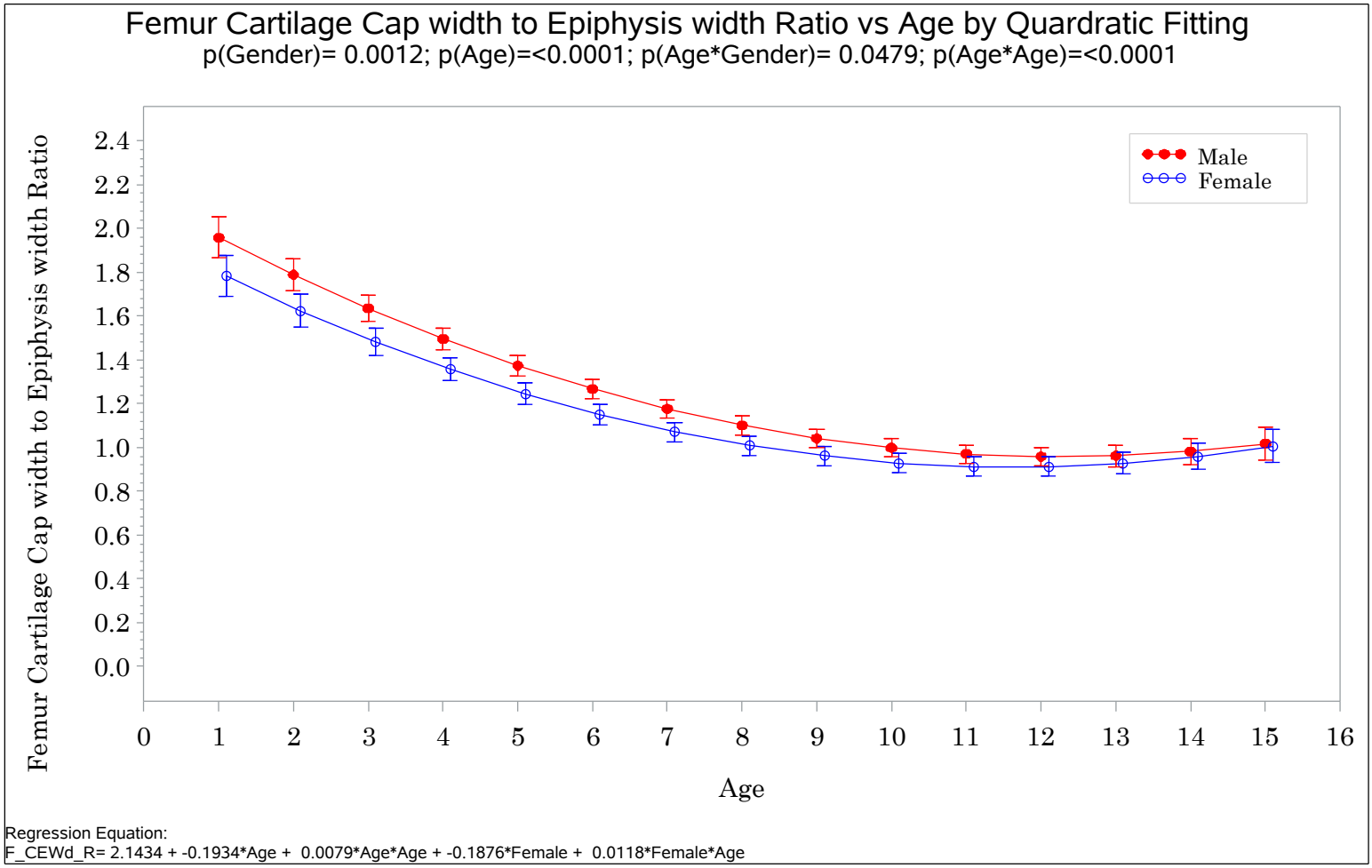
Regression Equation:
F_Cart_W=37.1068 + 5.8854*Age + -0.2200*Age*Age + 1.8502*Female + -0.8802*Female*Age

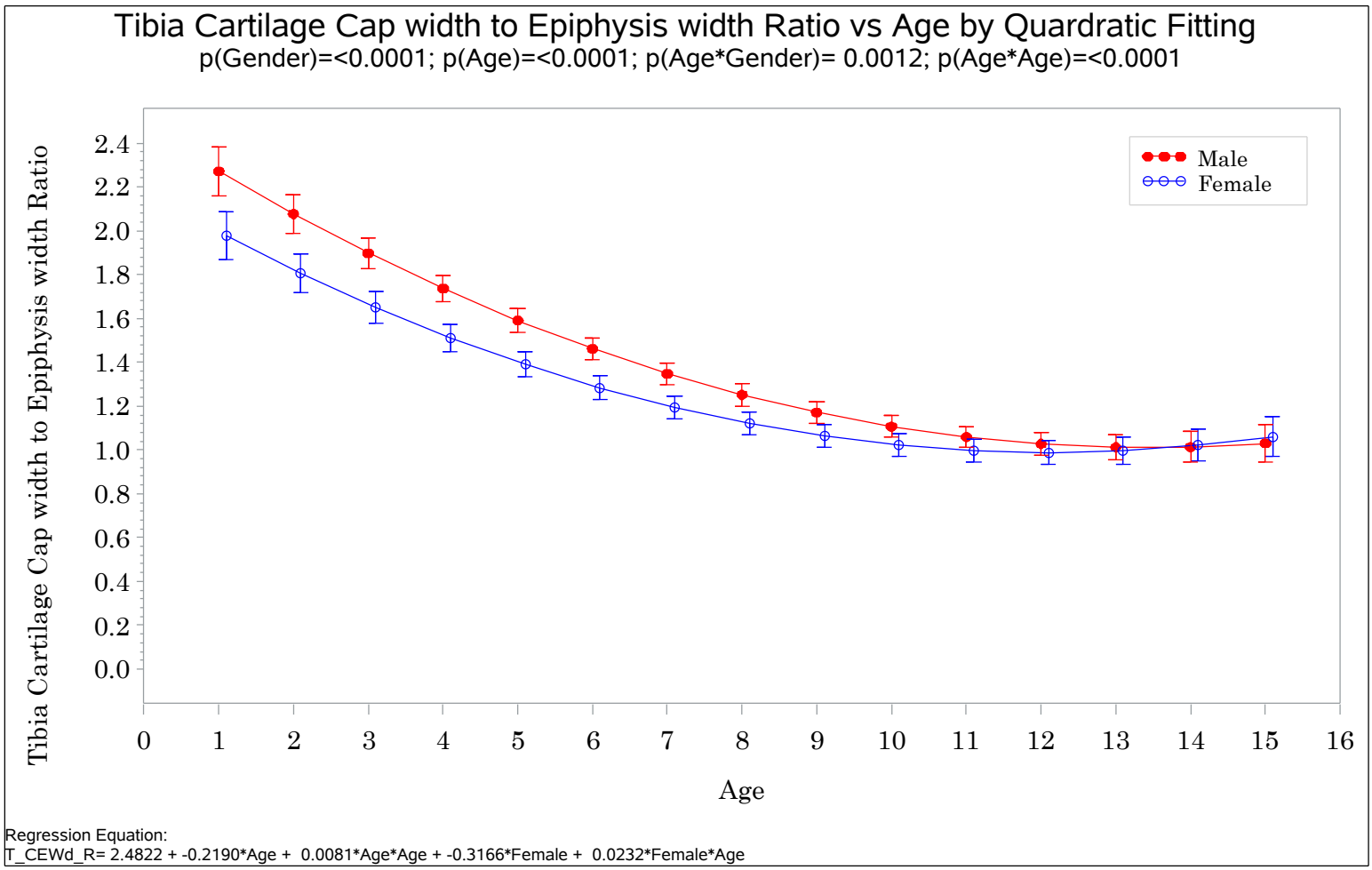
Tibia Cartilage Cap Width vs Age by Quardratic Fitting

p(Gender)= 0.6782; p(Age)=<0.0001; p(Age*Gender)= 0.0003; p(Age*Age)=<0.0001



Regression Equation:
T_Cart_W=31.4248 + 5.8538*Age + -0.1971*Age*Age + 0.6893*Female + -0.6353*Female*Age


Femur Cartilage Cap width to Epiphysis width Ratio vs Age by Quardratic Fitting
p(Gender)= 0.0012; p(Age)=<0.0001; p(Age*Gender)= 0.0479; p(Age*Age)=<0.0001
Femur Cartilage Cap width to Epiphysis width Ratio
Age
Male
Female
Regression Equation:
F_CEWd_R= 2.1434 + -0.1934*Age + 0.0079*Age*Age + -0.1876*Female + 0.0118*Female*Age


Tibia Cartilage Cap width to Epiphysis width Ratio vs Age by Quardratic Fitting
p(Gender)=<0.0001; p(Age)=<0.0001; p(Age*Gender)= 0.0012; p(Age*Age)=<0.0001
Tibia Cartilage Cap width to Epiphysis width Ratio
Age
Male
Female
Regression Equation:
T_CEWd_R= 2.4822 + -0.2190*Age + 0.0081*Age*Age + -0.3166*Female + 0.0232*Female*Age