analysis

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# Analysis

par(mfrow = c(1,1))  
plot(reg.coef.mat[,1], xlab = "Coefficients", ylab = "Value", main = "Trend Lines of the Coefficients")  
lines(reg.coef.mat[,1])  
points(reg.coef.mat[,2],col= "blue")  
lines(reg.coef.mat[,2],col = "blue")  
points(reg.coef.mat[,3], col = "red")  
lines(reg.coef.mat[,3],col = "red")  
points(reg.coef.mat[,4], col = "green")  
lines(reg.coef.mat[,4],col = "green")  
points(reg.coef.mat[,5], col = "yellow")  
lines(reg.coef.mat[,5],col = "yellow")  
legend(10,0.9,c('OLS','Ridge','Lasso','PCR','PLSR'), lty = c(1,1,1,1,1), lwd = c(2.5,2.5,2.5,2.5,2.5), col = c("black","blue","red","green","yellow"),merge = T)  
abline(h = 0, lty = 3)

