Here are Microsoft Word equations with the six population regression models for the project.

Model 1: Simple CAPM

$$R\_{t}-R\_{ft}=α+ β\_{M}\left(R\_{Mt}-R\_{ft}\right)+ ϵ\_{t}.$$

Model 2: Simple CAPM Plus ‘Change in Risk Premium’ Measure

$$R\_{t}-R\_{ft}=α+ β\_{M}\left(R\_{Mt}-R\_{ft}\right)+β\_{c}CRP\_{t}+ ϵ\_{t}.$$

Model 3: Simple CAPM Plus ‘Small Minus Big’ Size Premium Measure

$$R\_{t}-R\_{ft}=α+ β\_{M}\left(R\_{Mt}-R\_{ft}\right)+β\_{s}SMB\_{t}+ ϵ\_{t}.$$

Model 4: Simple CAPM Plus ‘High Minus Low’ Value Premium Measure

$$R\_{t}-R\_{ft}=α+ β\_{M}\left(R\_{Mt}-R\_{ft}\right)+β\_{h}HML\_{t}+ ϵ\_{t}.$$

Model 5: Fama and French Three-Factor Model

$$R\_{t}-R\_{ft}=α+ β\_{M}\left(R\_{Mt}-R\_{ft}\right)+β\_{s}SMB\_{t}+β\_{h}HML\_{t}+ ϵ\_{t}.$$

Model 6: Combined Model

$$R\_{t}-R\_{ft}=α+ β\_{M}\left(R\_{Mt}-R\_{ft}\right)+β\_{c}CRP\_{t}+β\_{s}SMB\_{t}+β\_{h}HML\_{t}+ ϵ\_{t}.$$