A **Regression Model Results**

Grade3 Regression Model 2009 2014

Deviation

Predicted value

Real value

Adj R2 = 0.2398
RMSE = 5.238
MAE = 4.108
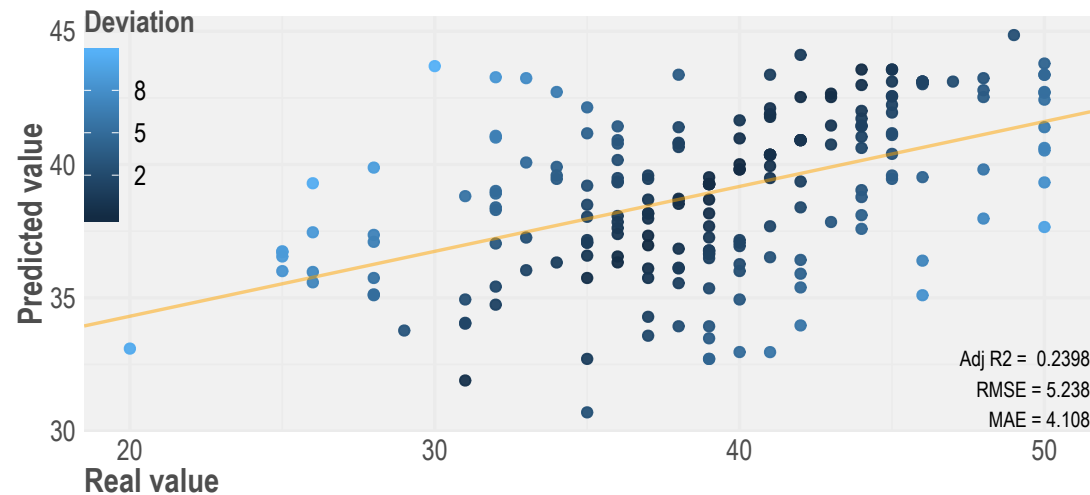
AREM reg 2009 2014

B **Regression Model Results**

Grade3 Regression Model 2010 2015

Deviation

Predicted value

Real value

Adj R2 = 0.2051
RMSE = 4.198
MAE = 3.331

AREM reg 2010 2015

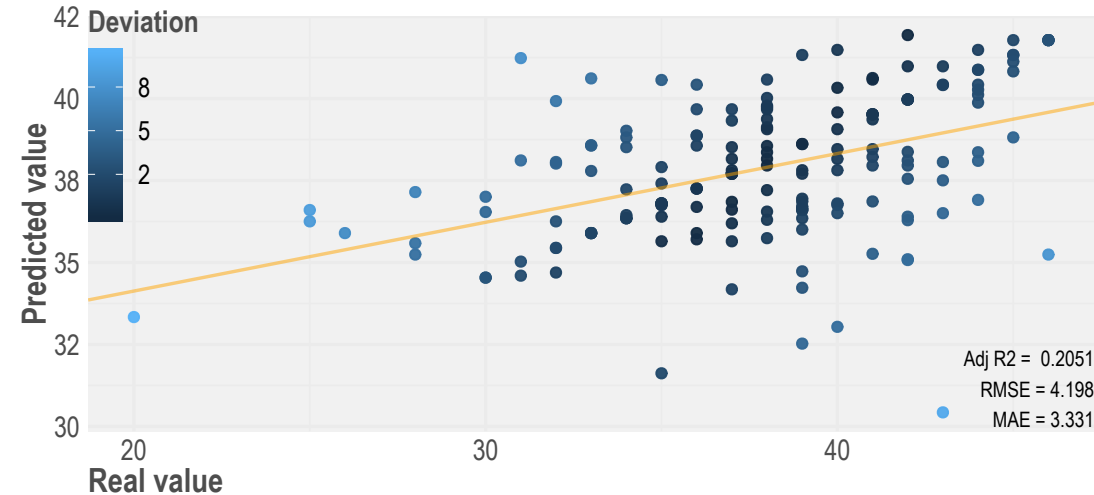**C** **Regression Model Results**

Grade3 Regression Model 2011 2016

Deviation

Predicted value
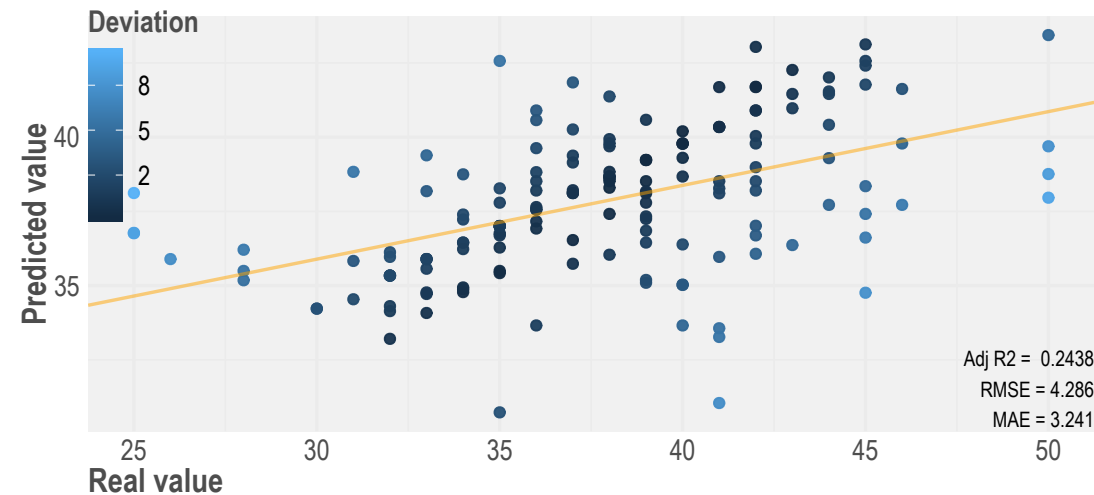
Real value

Adj R2 = 0.1192
RMSE = 4.671
MAE = 3.683
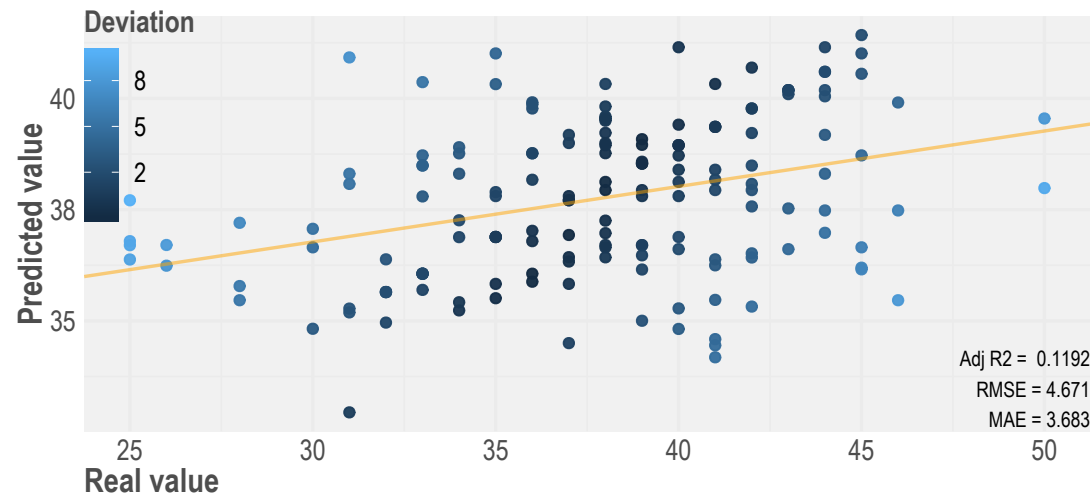
AREM reg 2011 2016

D **Regression Model Results**

Grade3 Regression Model 2012 2017

Deviation

Predicted value

Real value

Adj R2 = 0.2438
RMSE = 4.286
MAE = 3.241

AREM reg 2012 2017