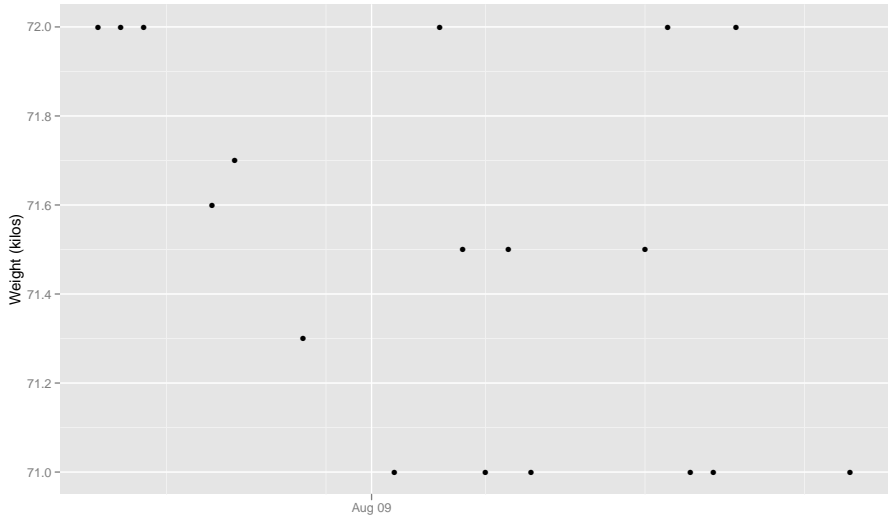


Analysis of your weight data

Ajay Shah

August 22, 2009

Scatterplot

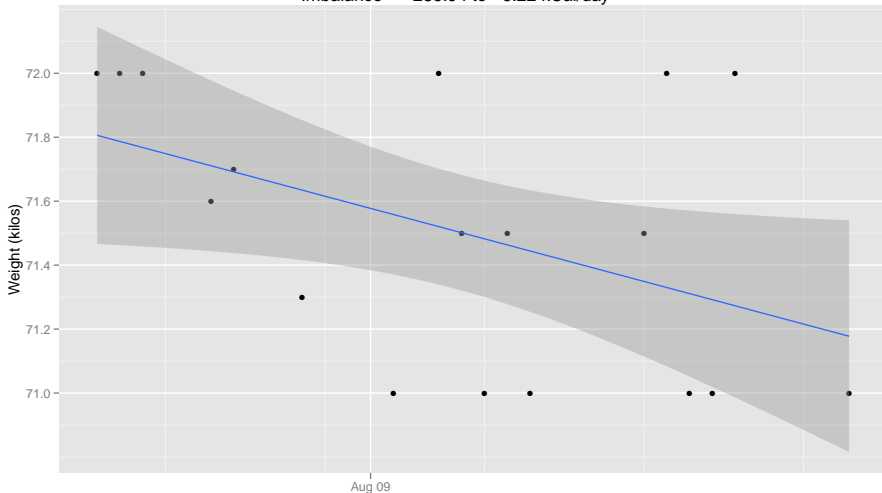


Simple OLS regression of weight (in grams) on time (in days)

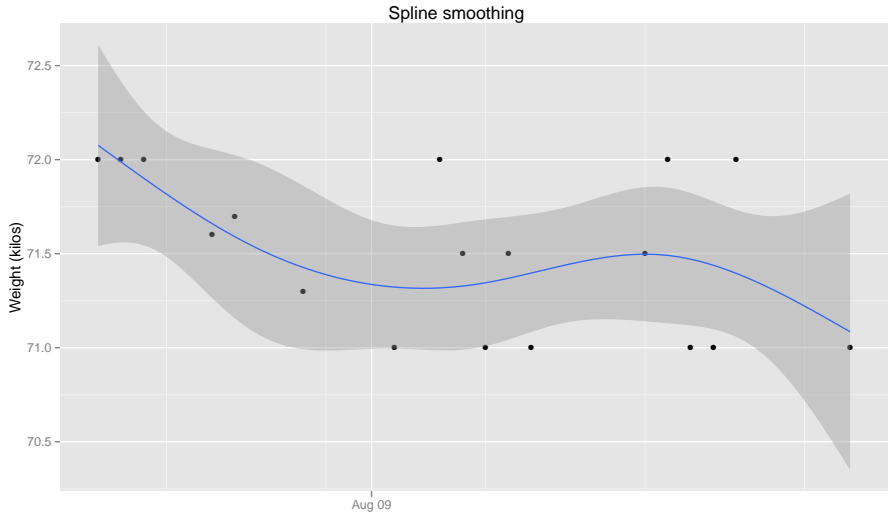
	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	71805.9101	173.3012	414.34	0.0000
time	-19.0366	9.3003	-2.05	0.0575

Scatterplot + overall OLS time trend

Imbalance = -286.94 to -6.22 kCal/day



OLS spline estimation

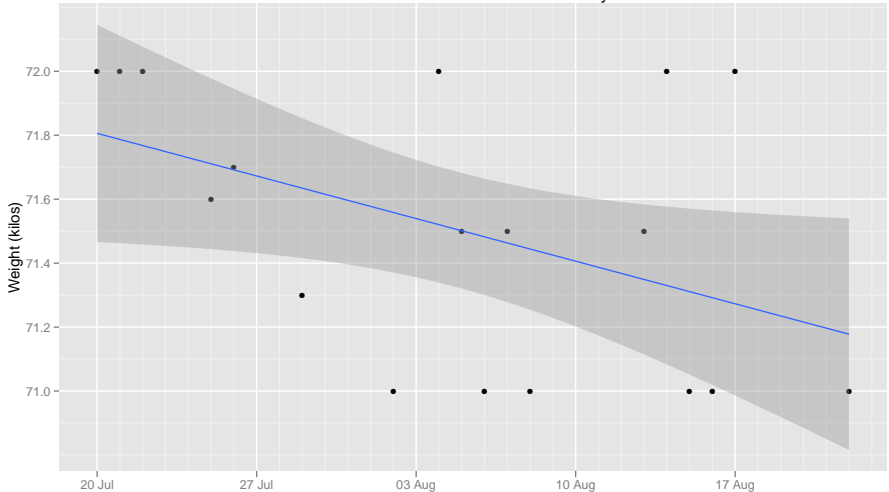


Latest 42 days

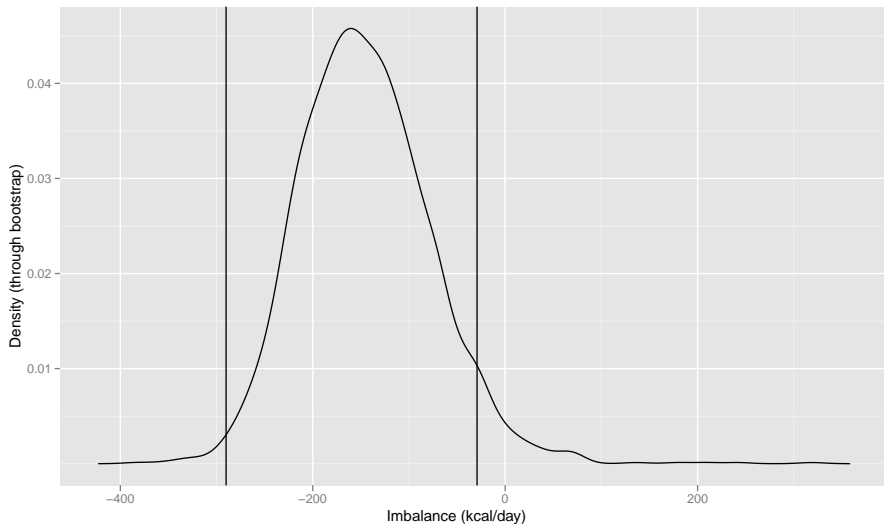
	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	71805.9101	173.3012	414.34	0.0000
time	-19.0366	9.3003	-2.05	0.0575

Scatterplot + OLS time trend: Recent 42 days

Imbalance = -286.94 to -6.22 kCal/day



Density of imbalance per day (latest 42 days)



Finding out more

See <http://www.mayin.org/ajayshah/MISC/weightloss.html>

Thank you.