Boudreau
k1 = x(SFD)*k2

Uniform
$k_2 = 0.005$; $k_1 = 1.3*k_2$

(a)
y = 0.029586 + 0.9662*x

(b)
y = 0.087942 + 0.96202*x

OMEN results (wt%)

Seiter data (wt%)

SFD (km)

(c)
Data points: 3215
Bin width: 0.1 wt%

(d)
Data points: 3215
Bin width: 0.1 wt%

No. grid cells

Modelled - observed POC wt%

Mean POC upper 5 cm

(e)

(f)

(POC wt%)

Anomaly mean POC

(g)

(h)

Latitude

Longitude

(POC wt%)