## Construct reference, then fit to it

## HERE IS THE RESULT SUMMARIZED FROM FitSR:

```
summary (FitSR) ## try also anova(FitSR) -- analysis of variance
##
## Call:
## lm(formula = AOAREF ~ I(ADIFR/OCF), data = DSR, na.action = na.omit)
##
## Residuals:
                                                     Result: if RATIO=ADIFR / QCR,
       Min
                 10 Median
##
                                  30
                                          Max
                                                     \alpha = 4.397 + 21.00 * RATIO
## -0.50361 -0.06540 0.01884 0.07317 0.40743
                                                     residual error 0.12°
##
## Coefficients:
                Estimate Std. Error t value Pr(>|t|)
## (Intercept) 4.396909 0.005641 779.5 <2e-16 ***
## I(ADIFR/QCF) 20.999847 0.068539 306.4 <2e-16 ***
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.1204 on 1976 degrees of freedom
## Multiple R-squared: 0.9794, Adjusted R-squared: 0.9794
## F-statistic: 9.388e+04 on 1 and 1976 DF, p-value: < 2.2e-16
```