> y<-c(95,85,10,0,79,77,72,66,98,90,0,95,35,50,72,55,75,66)

> x<-c(96,77,0,0,78,64,89,47,90,93,18,86,0,30,59,77,74,67)

> M1<-lm(y~x)

> summary(M1)

Call:

lm(formula = y ~ x)

Residuals:

Min 1Q Median 3Q Max

-28.2643 -3.6049 0.2395 9.0597 21.9956

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 13.00438 6.51601 1.996 0.0633 .

x 0.84777 0.09762 8.685 1.88e-07 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 13.64 on 16 degrees of freedom

Multiple R-squared: 0.825, Adjusted R-squared: 0.814

F-statistic: 75.42 on 1 and 16 DF, p-value: 1.881e-07

> y<-c(2,3,2,7,6,8,10,7,8,12,11,14)

> x1<-c(0,2,2,2,4,4,4,6,6,6,8,8)

> x2<-c(2,6,7,5,9,8,7,10,11,9,15,13)

> m1<-lm(y~(x1+x2))

> summary(M1)

Call:

lm(formula = y ~ x)

Residuals:

Min 1Q Median 3Q Max

-28.2643 -3.6049 0.2395 9.0597 21.9956

Coefficients:

Estimate Std. Error t value Pr(>|t|)

(Intercept) 13.00438 6.51601 1.996 0.0633 .

x 0.84777 0.09762 8.685 1.88e-07 \*\*\*

---

Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 13.64 on 16 degrees of freedom

Multiple R-squared: 0.825, Adjusted R-squared: 0.814

F-statistic: 75.42 on 1 and 16 DF, p-value: 1.881e-07

>