

```

> op <- options(width = 65, digits = 3)
> ddataframe <- data.frame(AAAAA = 1:10,
+   BBBBB = factor(letters[1:2]),
+   CCCCC = factor(LETTERS[1:5]),
+   SSSSS = factor(paste("S", 1:10, sep = "")),
+   RRRRR = rnorm(10))
> mod1 <- lm(RRRRR ~ AAAAA + BBBBB + CCCCC + SSSSS,
+   ddataframe)
> summary(mod1)

```

Call:

```
lm(formula = RRRRR ~ AAAAA + BBBBB + CCCCC + SSSSS, data = ddataframe)
```

Residuals:

ALL 10 residuals are 0: no residual degrees of freedom!

Coefficients: (6 not defined because of singularities)

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-0.5057	NA	NA	NA
AAAAA	-0.0368	NA	NA	NA
BBBBBb	-0.1924	NA	NA	NA
CCCCCB	-0.7866	NA	NA	NA
CCCCCC	0.8137	NA	NA	NA
CCCCCD	-0.0276	NA	NA	NA
CCCCCE	1.3315	NA	NA	NA
SSSSSS10	0.1421	NA	NA	NA
SSSSSS2	0.5807	NA	NA	NA
SSSSSS3	-1.0806	NA	NA	NA
SSSSSS4	NA	NA	NA	NA
SSSSSS5	NA	NA	NA	NA
SSSSSS6	NA	NA	NA	NA
SSSSSS7	NA	NA	NA	NA
SSSSSS8	NA	NA	NA	NA
SSSSSS9	NA	NA	NA	NA

Residual standard error: NaN on 0 degrees of freedom

Multiple R-squared: 1, Adjusted R-squared: NaN

F-statistic: NaN on 9 and 0 DF, p-value: NA