SAS:

```
proc logistic data=d descending;

                 class exposure / param=ref;

                 model outcome01 = exposure confounder;

run;
```

R:

```
glm1 <- glm( outcome01 ~ factor(exposure) + confounder, data=d, family= binomial() )

summary(glm1)

exp( coef(glm1) )

exp( confint( coef( glm1 ) ))
```