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Model fit after pairwise maximum likelihood

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APPENDIX; LAVAAN CODE FOR C_F , C_M , AND C_P FIT STATISTICS

```
library(lavaan)

# Example of PML with  $C_F$ ,  $C_M$ , and  $C_P$ 
HS9 <- HolzingerSwineford1939[,c("x1", "x2", "x3", "x4", "x5",
    "x6", "x7", "x8", "x9")]
HSbinary <- as.data.frame( lapply(HS9, cut, 2, labels=FALSE) )

# Single group example with one latent factor
HS.model <- ' trait = x1 + x2 + x3 + x4 '
fit <- cfa(HS.model, data=HSbinary[,1:4], ordered=names(HSbinary),
    estimator="PML")

# fit statistics
lavTablesFitCm(fit)
lavTablesFitCp(fit)
lavTablesFitCf(fit)

# see https://github.com/yrosseel/lavaan/blob/master/R/ctr\_pairwise\_fit.R
```