

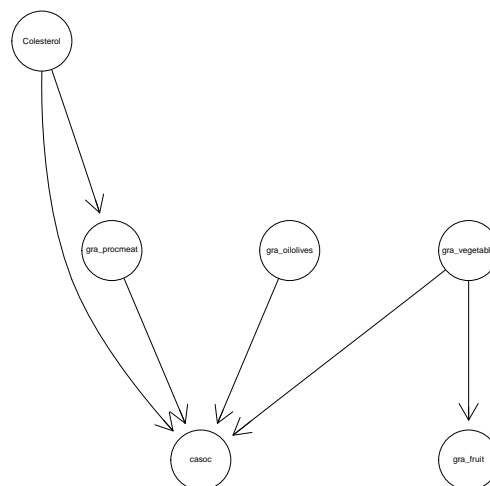
Direct acyclic graphs (DAGs)

TASK 1 - Comparing two DAGs: Load data called `diet.Rdata` by executing

```
load('data_exercises/diet.Rdata')
```

There are three databases called X1, X2 and X3. X1 contains outcome and confounding variables. X2 contains nutrients and X3 contains food consumption.

1. Which is the likelihood of this DAG?



2. Which is the best DAG that fits this data (`mydat`)?

```
vars1 <- c("casoc", "sexo", "peso", "mets_10a", "Colesterol")
X <- cbind(X1[, vars1], X3[,1:6])
mydat <- X[complete.cases(X),]
names(mydat)
```