Bi-directed graphs: Kohlmann data

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2024-05-15

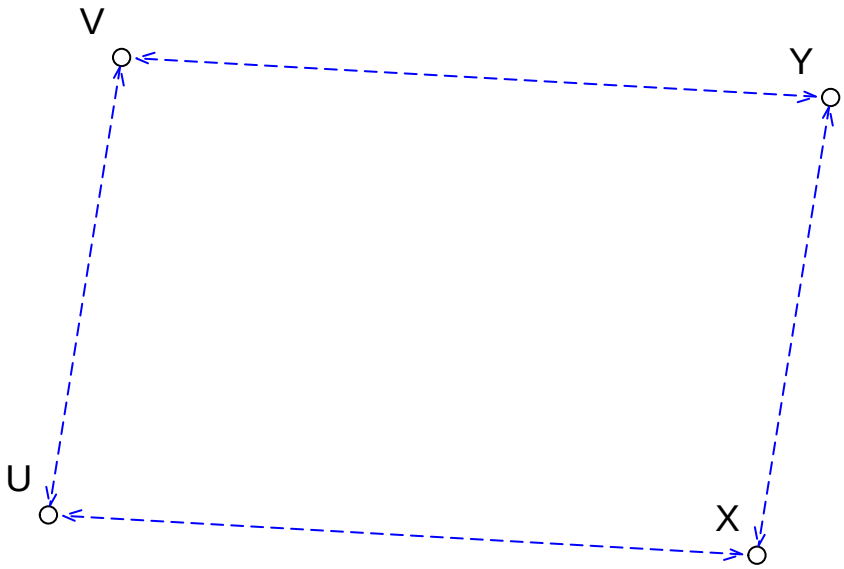
Data

The data are in package **ggm**.

```
data("stress")
nam <- c("Y", "X", "V", "U")
dimnames(stress) <- list(nam, nam)
round(correlations(stress), 2)
```

```
      Y     X     V     U
Y  1.00 -0.31  0.50  0.23
X -0.20  1.00  0.22  0.51
V  0.46  0.00  1.00 -0.26
U  0.01  0.47 -0.15  1.00
```

```
bg <- 100 * UG(~ Y*X + V*U + X*U + V*Y)
drawGraph(bg)
```




```
fitCovGraph(bg, stress, n = 72)
```

```
$Shat
           Y          X          V          U
Y  0.9995028 -0.2038079  0.4610985  0.0000000
X -0.2038079  1.0020514  0.0000000  0.4717660
V  0.4610985  0.0000000  1.0015117 -0.1536671
U  0.0000000  0.4717660 -0.1536671  0.9996165

$dev
[1] 0.007675671

$df
[1] 2

$it
[1] 7
```