True Covariance Structure

Estimated Mixture Weights

(A)

female male

female $\begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$ 100%
male

(B)

$\begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$ 84%

$\begin{bmatrix} 4 & 2 \\ 2 & 1 \end{bmatrix}$ 16%

Magnitude

	female > male	female = male	female < male	
perfect	8%	78%	9%	94%
partial, positive	0%	0%	0%	0%
uncorrelated	1%	0%	1%	2%
negative	1%	0%	2%	3%
	10%	78%	11%	
perfect	21%	66%	5%	92%
partial, positive	0%	0%	0%	1%
uncorrelated	2%	0%	1%	4%
negative	2%	0%	1%	4%
	25%	67%	8%	

Correlation