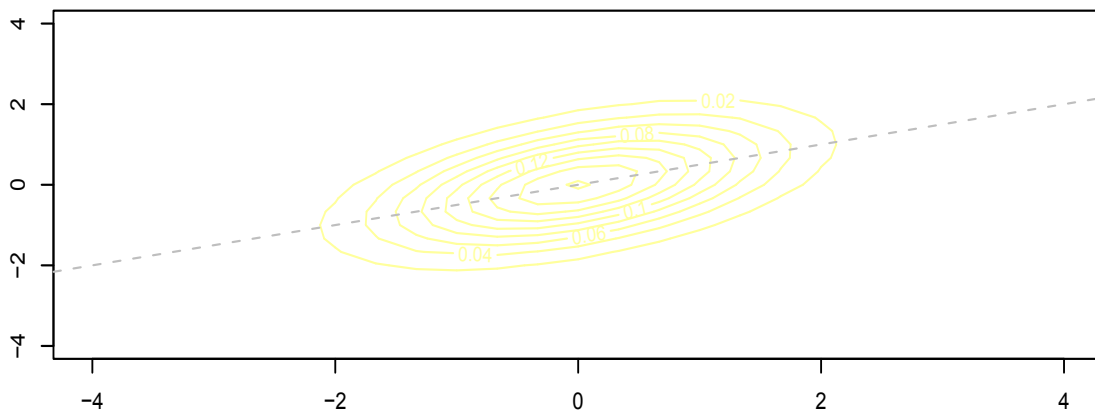
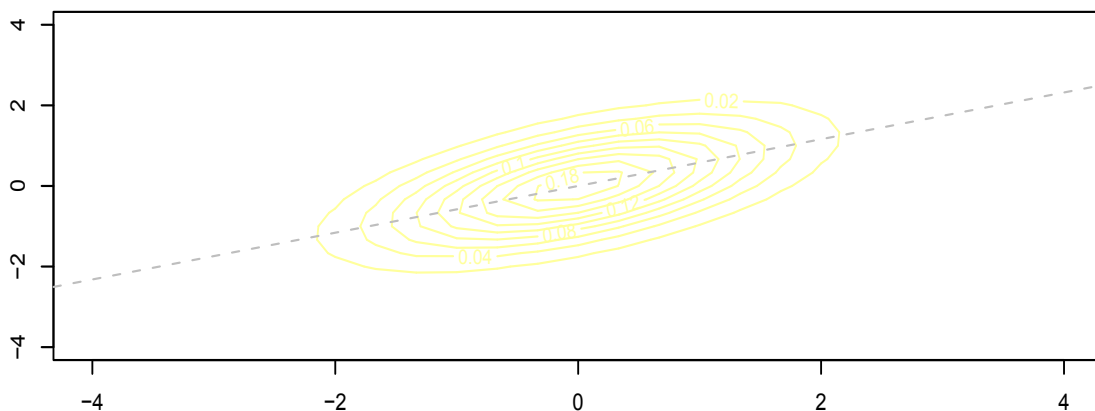


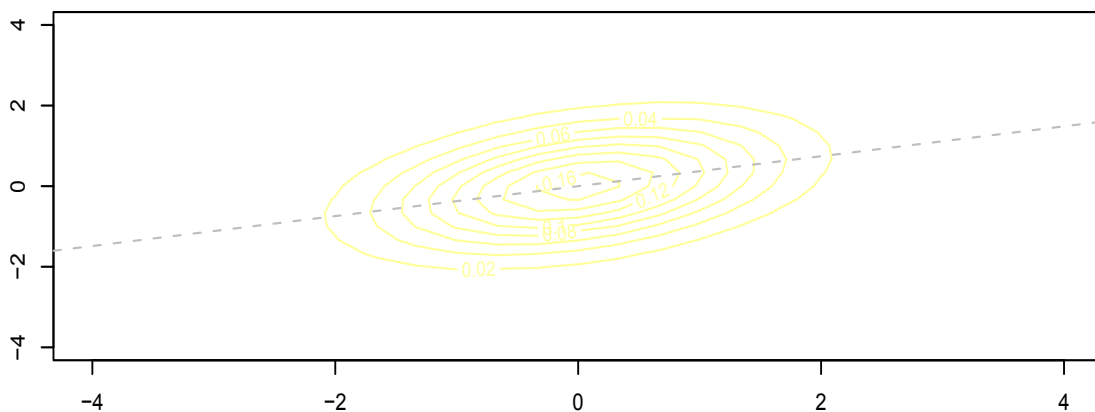
Two variables of interest correlate 0.5



Invalidity attenuates the correlation by a factor 0.84 , while method effects of 0.4 add 0.16 .  
Result: true scores correlate 0.6



Unreliability further attenuates the correlation by a factor 0.64 .  
Result: response variables correlate 0.4



$$\rho(f_1, f_2)$$

$f_1$

$f_2$

$v_{1j}$

$v_{2j}$

$M_j$

$m_{1j}$

$t_{1j}$

$t_{2j}$

$r_{1j}$

$r_{2j}$

$y_{1j}$

$y_{2j}$

$e_{1j}$

$e_{2j}$