(A) Actor–oriented
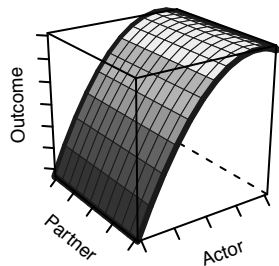
Constraints for female surface:
b_{1f} and/or $b_{3f} \neq 0$
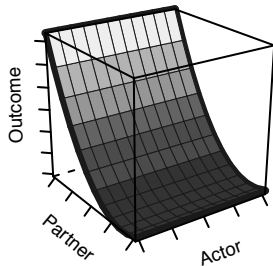$b_{2f} = b_{4f} = b_{5f} = 0$

Constraints for male surface:
b_{2m} and/or $b_{5m} \neq 0$
$b_{1m} = b_{3m} = b_{4m} = 0$

(A) Partner–oriented

Constraints for female surface:
b_{2f} and/or $b_{5f} \neq 0$
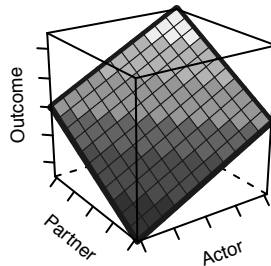$b_{1f} = b_{3f} = b_{4f} = 0$

Constraints for male surface:
b_{1m} and/or $b_{3m} \neq 0$
$b_{2m} = b_{4m} = b_{5m} = 0$

(C) Couple–oriented

Constraints for female surface:
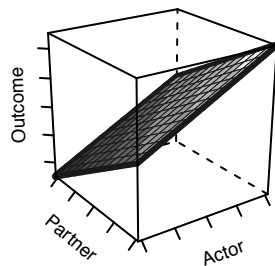$b_{1f} = b_{2f} \neq 0$
$b_{3f} = b_{4f} = b_{5f} = 0$

Constraints for male surface:
$b_{1m} = b_{2m} \neq 0$
$b_{3m} = b_{4m} = b_{5m} = 0$

(D) Social comparison

Constraints for female surface:
$b_{1f} = -b_{2f} \neq 0$
$b_{3f} = b_{4f} = b_{5f} = 0$

Constraints for male surface:
$b_{1m} = -b_{2m} \neq 0$
$b_{3m} = b_{4m} = b_{5m} = 0$