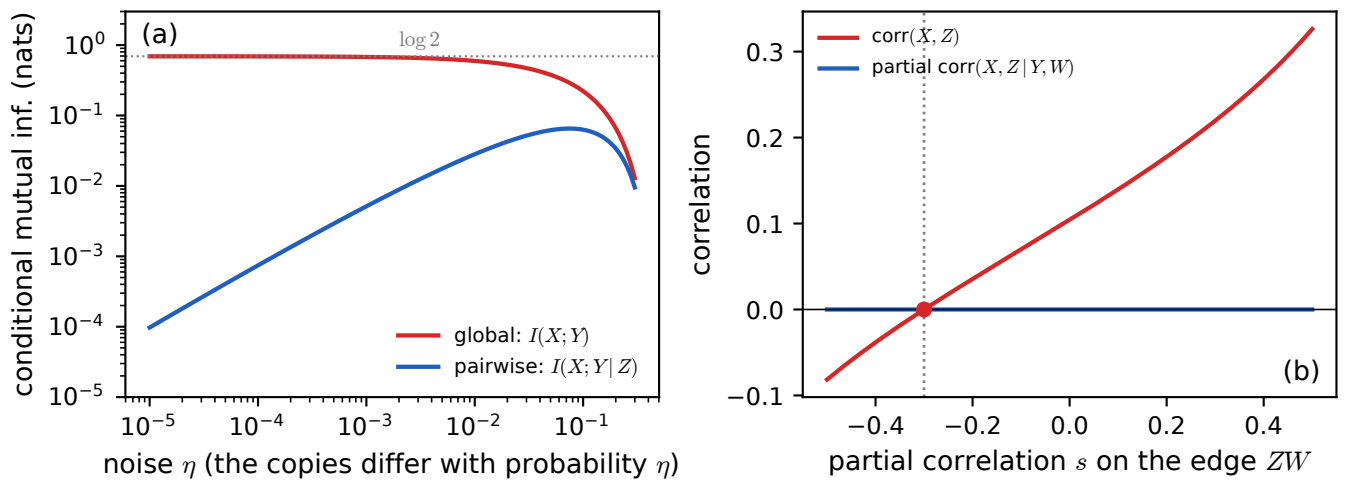

(a)
log 2
conditional mutual inf. (nats)
global: $I(X;Y)$
pairwise: $I(X;Y|Z)$
noise η (the copies differ with probability η)
corr(X,Z)
partial corr$(X,Z|Y,W)$
correlation
(b)
partial correlation s on the edge ZW