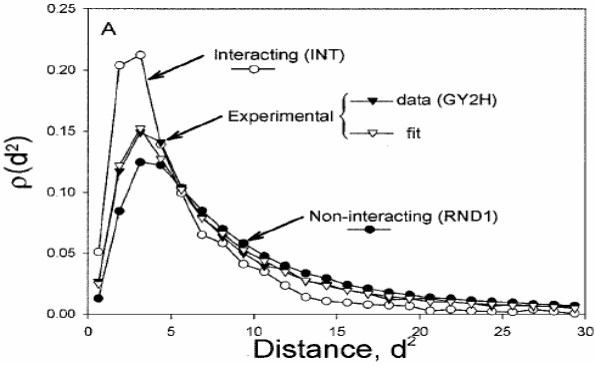
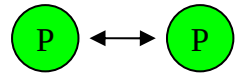
$$\rho_{exp}(d^2_{AB}) = \alpha_{EPR} \cdot \rho_I(d^2_{AB}) + (1 - \alpha_{EPR}) \cdot \rho_n(d^2_{AB})$$



Dataset	α_{EPR}	χ^2	N
DIP-YEAST	0.48 ± 0.03	9.07	29
EC2	0.85 ± 0.06	1.65	16
EC3	0.88 ± 0.17	3.05	10
GY2H	0.31 ± 0.04	14.84	29
GY2H'	0.50 ± 0.03	14.09	29
PVM	0.78 ± 0.13	5.85	16
CORE	0.92 ± 0.03	1.69	19
ITO1	0.22 ± 0.06	19.4	29
ITO2	0.41 ± 0.11	12.6	19
ITO3	0.58 ± 0.11	10.1	16
ITO4	0.62 ± 0.16	9.5	14
ITO5	0.55 ± 0.18	8.8	14
ITO6	0.57 ± 0.24	7.1	12
ITO7	0.57 ± 0.32	6.0	10
ITO8	0.65 ± 0.42	4.6	7



Small-scale Exp.
(P= 0.05)

Multiple HT Exp.:
Y2H, TAP-HCI
(P=1-0.87=0.13)

Single Y2H
(P=1-0.4=0.6)

PVM
(P=1-0.78=0.22)