



B

		Universe HYPs	
		In network	Not in network
Dataset HYPs	Significant	$a = A \cap B$	$b = A - A \cap B$
	Not significant	$c = B - A \cap B$	$d = U - A - B + A \cap B$

D

V-IPN			
Dataset	ID	Se (Cov)	OR
Mm_Ao_78w_ApoE_vs_wt	GSE10000	0.33	2.44
Mm_Ao_16w_ApoE_CS_vs_sham	E-MTAB-1696	0.16	1.75
Hs_EC_GFP_oxLDL_vs_ct	GSE13139	0.09	1.62
Hs_EC_LOX1_oxLDL_vs_ct	GSE13139	0.15	1.99
Hs_EC_oxPAP_vs_ct	GSE20060	0.23	2.32
Hs_athCA_vs_ctIMA	GSE40231	0.24	2.47
Hs_NHBE_CDKinH_rel_vs_bk_8h	E-MTAB-1272	0.16	1.39
Hs_MVEC-C_hpx_vs_ct_24h	GSE11341	0.14	2.20
Hs_MVEC-L_hpx_vs_ct_24h	GSE11341	0.12	1.73
Hs_JurkT_ars_vs_ct	GSE46909	0.09	1.55

C

- Sensitivity (Coverage) = $a/(a+c) = A \cap B / B$
- OR = $\frac{a/b}{c/d}$