

Evidence for Gene 1 causing Phenotype A				
	Weight	Studies	Score	
No Known	0	x 0	= 0	Sum
Refuted	0	x 0	= 0	
Disputed	1	x 1	= 1	
Limited	2	x 0	= 0	
Supportive	3	x 2	= 6	
Moderate	4	x 1	= 4	
Strong	5	x 3	= 15	
Definitive	6	x 1	= 6	
Total			= 32	

Phenotype x gene evidence score matrix				
	Phenotype A	Phenotype B	Phenotype C	...
Gene 1	32	0	1	...
Gene 2	0	16	0	...
Gene 3	2	12	10	...
...

Descartes Human

Human Cell Landscape

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Gene expression specificity in Cell type Z						
	Cell Z1	Cell Z2	Cell Z3	Mean	...	Sum <i>(all cell types)</i>
Gene 1	0	0	0	0	...	/ 5
Gene 2	0	1	0	0.33	...	/ 33
Gene 3	9	7	11	9	...	/ 10
...

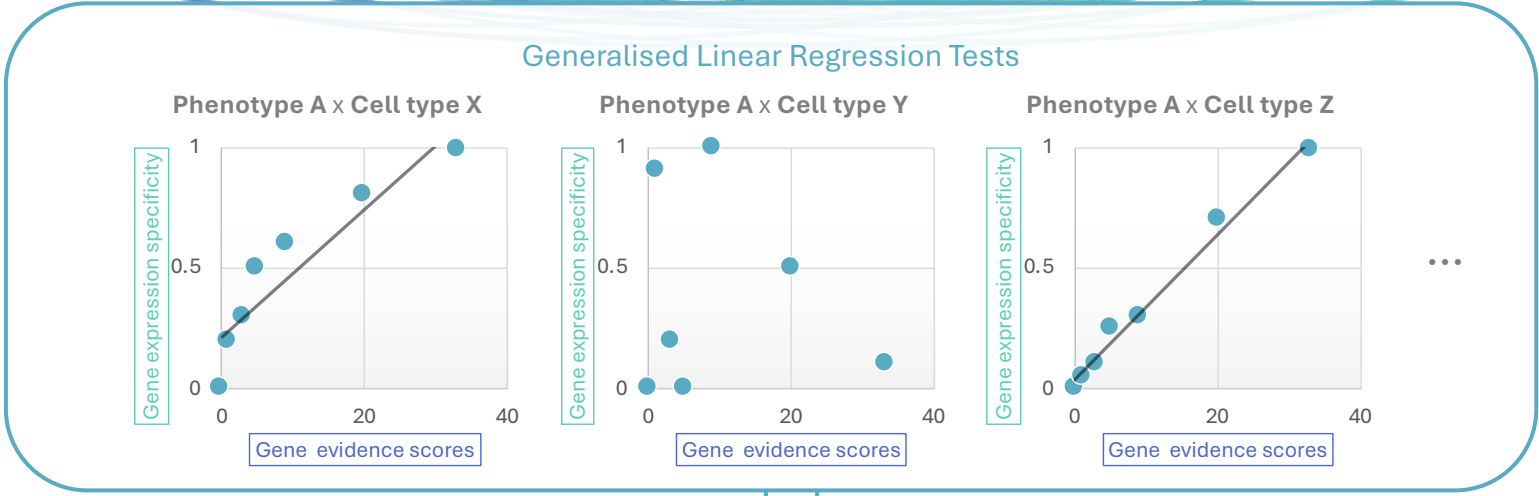
= 0

= 0.01

= 0.90

...

Cell type x gene expression specificity matrix				
	Cell type X	Cell type Y	Cell type Z	...
Gene 1	0.50	0	0	...
Gene 2	0	0.95	0.01	...
Gene 3	0	0.02	0.90	...
...



Phenotype-cell type association results				
Phenotype	Cell type	P-value	FDR	Z-score
A	X	0.005	0.05	0.25
A	Y	0.98	1	0
A	Z	0.001	0.01	0.90
B	X	1	1	0
B	Y	0.0004	0.004	0.75
B	Z	1	1	0.01
C	X	0.003	0.03	0.20
C	Y	1	1	0
C	Z	0.0007	0.007	0.98
...