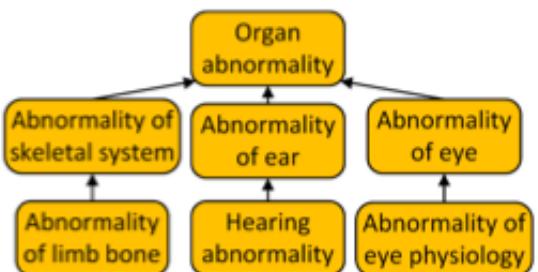
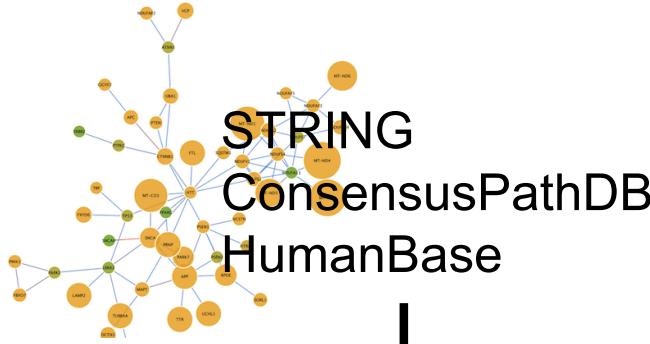


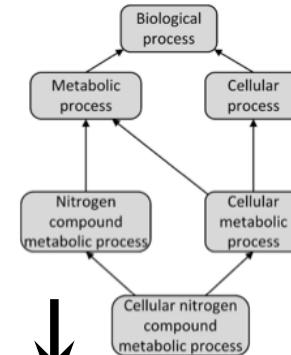
## HPO annotations



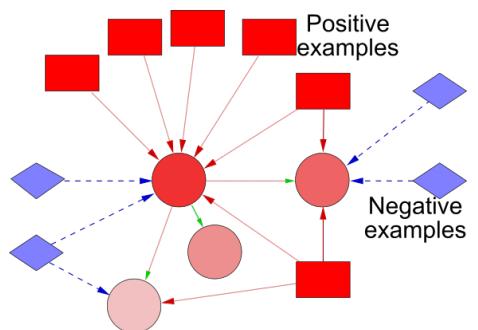
## Molecular networks



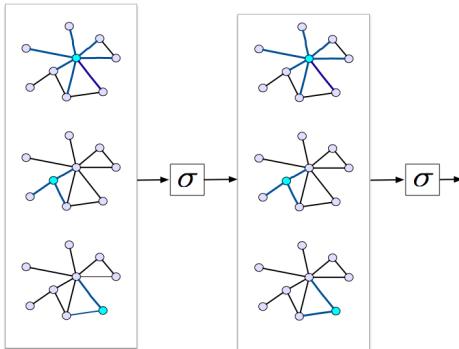
## GO annotations



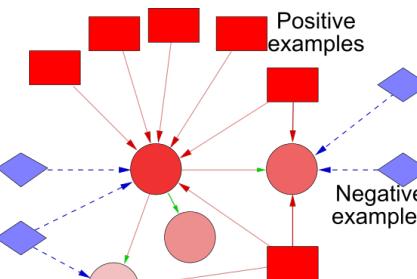
Aim 1



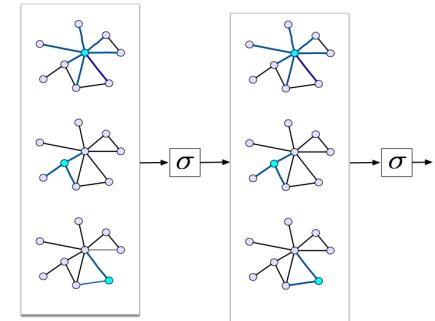
Network propagation



Graph convolution



Coupled network propagation



Multi-task graph convolution

Hierarchy-aware ensemble methods

Hierarchy-aware ensemble methods

Aim 2

Experimental and curator validation