

	E.Coli	Yeast	Worm	Fly	Human	Comment
Pyramid Structure	Yes	Yes	No		No	Algorithm?
More TF targets from middle level (highest outdegree)	Yes	Yes	?	No (Top highest)	No (top highest?)	
More bottlenecks in middle level (highest betweenness)	Yes	Yes	?		?	By definition?
Non-random hierarchy structure	Yes	Yes	Yes		Yes	
Reflex TFs (independent from other TFs)	Yes (30)	Yes (52)	None		Some (2 or 3)	More in Yeast and E.Coli
Top level TF interact more via PPI	Yes	Yes	No (fewer PPI at top)		Yes	Worm paper says consistent with Yeast and E.Coli. Human computed from TF PPI.
Higher level TFs are more influential (affect more genes)	Yes	Yes	Yes?		N/A (limited data)	
Lower level TFs are more essential	Yes	Yes	Yes		N/A	Jothi et al. (MSB 2009) says opposite for Yeast and E.Coli
TFs at lower levels more uniformly expressed across tissues	?	?	Yes		No - more tissue specific at lower level	Opposite. Similar to Yeast (not tissues)
Two classes of miRNAs (those regulating and those regulated by TFs)	N/A	N/A	Yes		Yes (Pedros figure) -	Chao says not important
TFs in middle of hierarchy have more miRNA regulators			Yes		Yes	
Fractions of Upwards Edges				8%	20%	
More miRNA targets of TFs at top			Not - Significant?	Yes		