





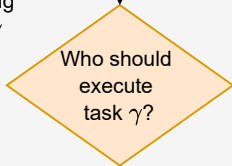


TASKS		
	HUMAN	ROBOT
γ_1		
γ_2		
\vdots	\vdots	\vdots
γ_N		

incoming
task γ



trust in robot τ_{γ}^R

trust in human τ_{γ}^H

robot cost c^R

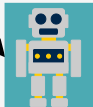
human cost c^H

task reward r_s

Artificial
Trust-Based
Task Allocator



Human H



Robot R