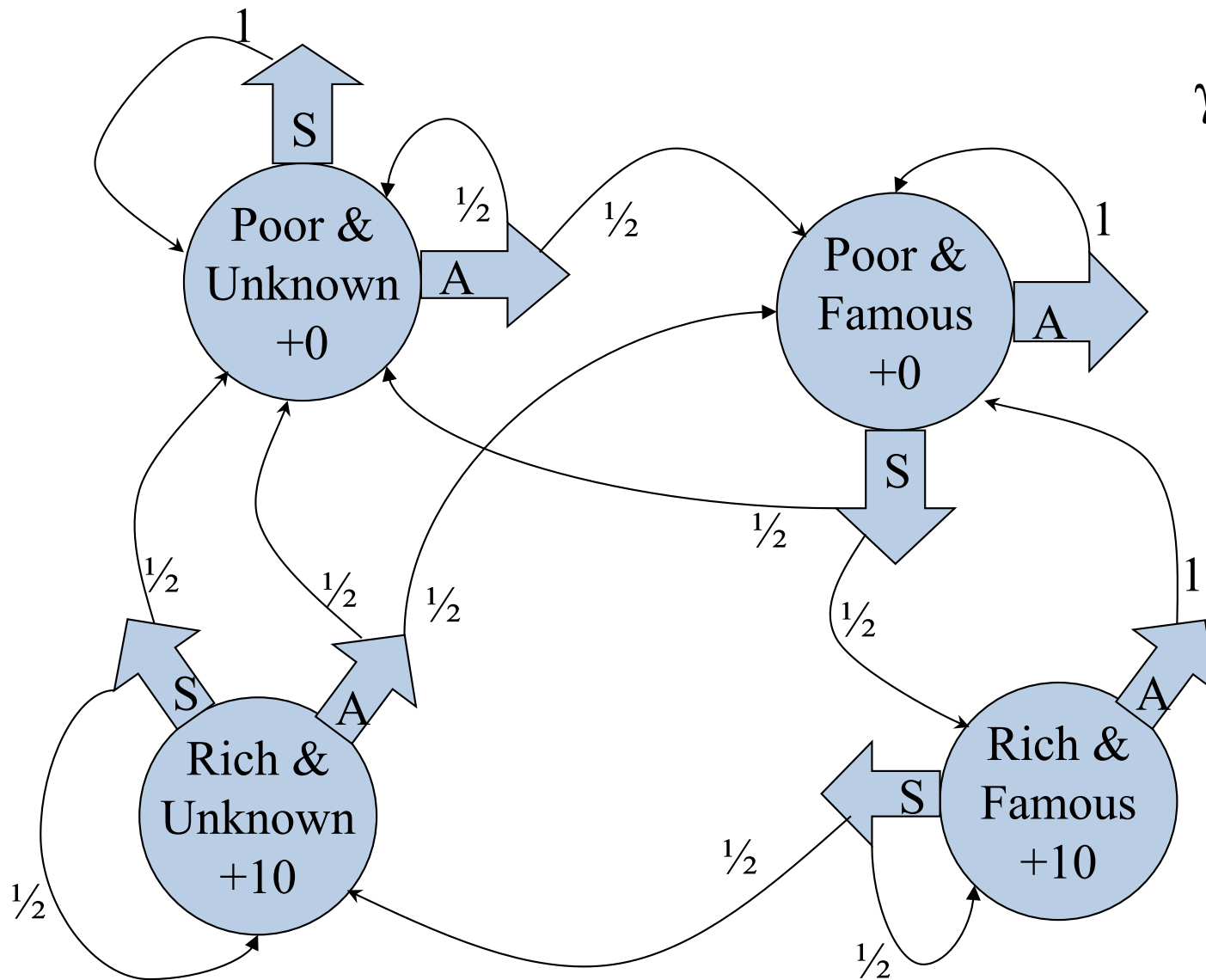


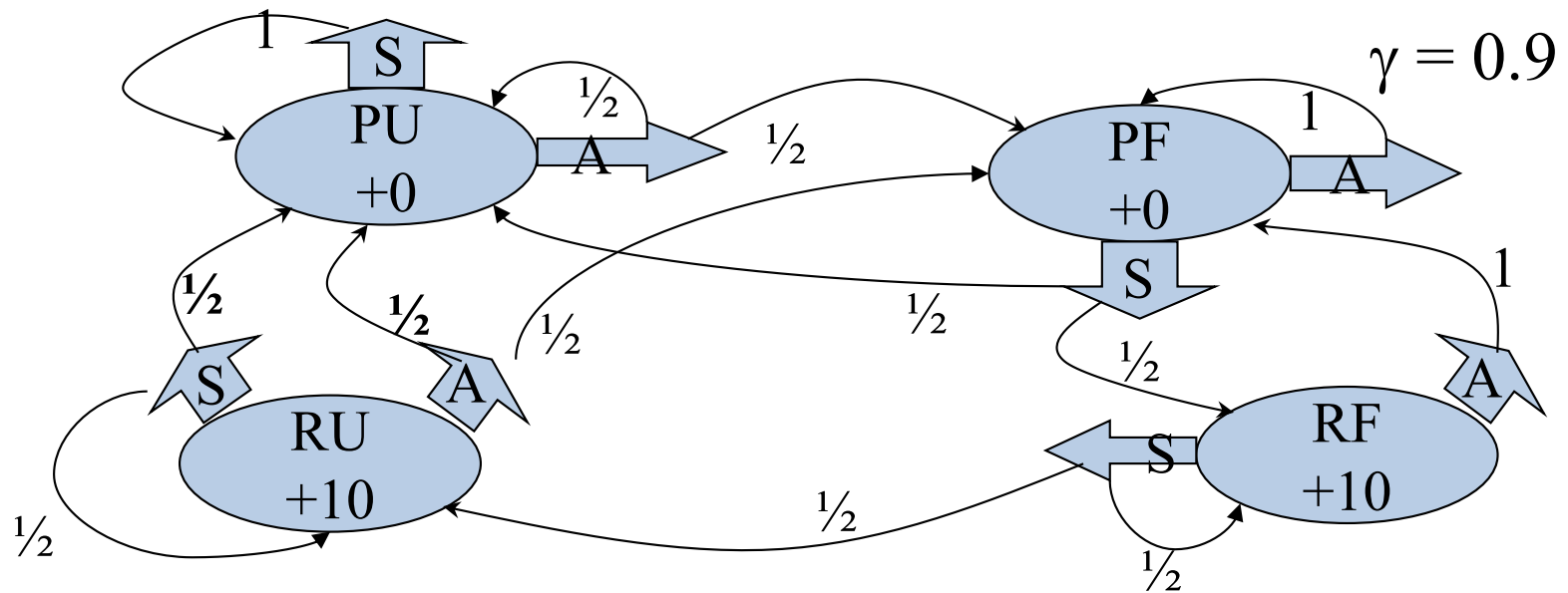
A Markov Decision Process



$$\gamma = 0.9$$

You own a company

In every state you must choose between **Saving** money or **Advertising**



t	$V(PU)$	$\pi(PU)$	$V(PF)$	$\pi(PF)$	$V(RU)$	$\pi(RU)$	$V(RF)$	$\pi(RF)$
h	0	A,S	0	A,S	10	A,S	10	A,S
$h - 1$	0	A,S	4.5	S	14.5	S	19	S
$h - 2$	2.03	A	8.55	S	16.53	S	25.08	S
$h - 3$	4.76	A	12.20	S	18.35	S	28.72	S
$h - 4$	7.63	A	15.07	S	20.40	S	31.18	S
$h - 5$	10.21	A	17.46	S	22.61	S	33.21	S