Latex Tikz Examples
Model Timeline with Dynamically Sized Panes and Text Blocks
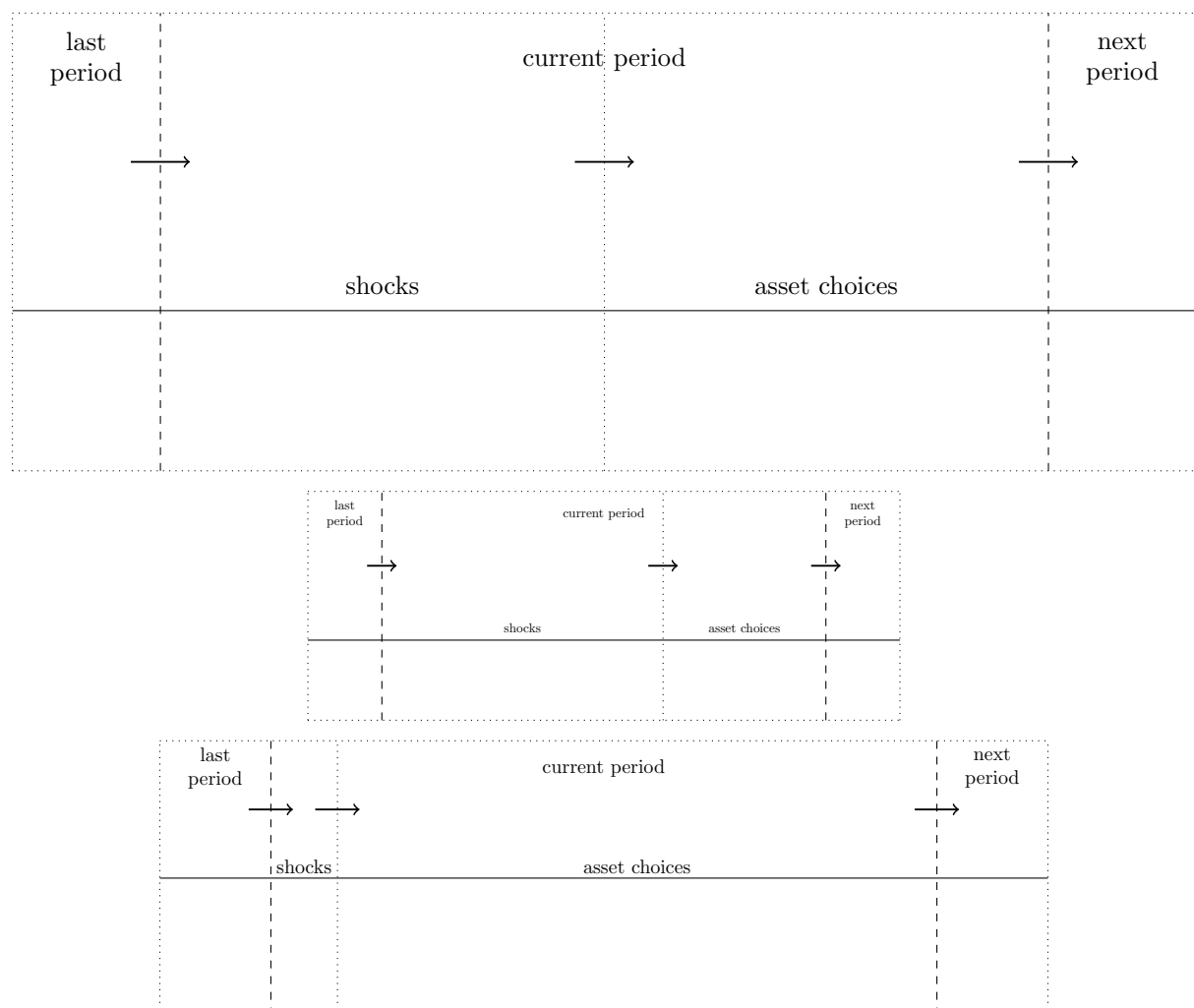# Eight Dynamic Panes and Four Dynamic Text Blocks

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Generate a eight pane model timeline tikz structure. The proportional sizes of each pane is determined by parameters, and are porportional to pages. The 8 pane tables have 7 parameters that auto shift the figures.

1 Empty Frames with Eight Panes

The idea is that the top panes would show overall model timeline. The bottomw below horizontal line spaces could have equations that provide more information sufficiently about what is happening in timeline above.

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*https://fanwangecon.github.io, repository: Tex4Econ

2 Eight Dynamic Panes and Four Dynamic Text Blocks

Now in addition to the frame structure, add in text, the texts are dynamically controlled with textblocks. The positions are dynamically sized automatically. Text contents could change.

last period	current period	next period
choose k, b $\longrightarrow$	$\longrightarrow$	$\longrightarrow$ draw ϵ' shock
shocks	asset choices	
$\Gamma\left(k, b, \epsilon\right)$	$c = \Gamma \cdot \phi$ $k = \Gamma \cdot \phi \cdot \theta$ $b = \Gamma \cdot \phi \cdot (1 - \theta)$	

last period	current period	next period
hello there $\longrightarrow$	$\longrightarrow$	$\longrightarrow$ now fourth text block
shocks	asset choices	
block two	this is third	

last period	current period	next period
k $\longrightarrow$ $\longrightarrow$		$\longrightarrow$ ϵ
shocks	asset choices	
Γ	Λ here you go yes works	