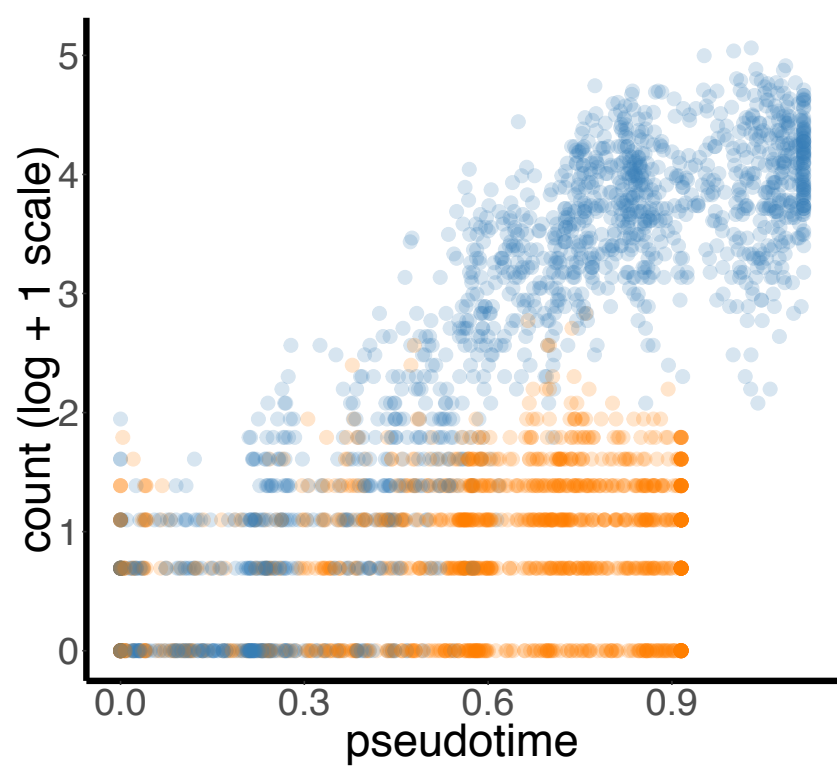
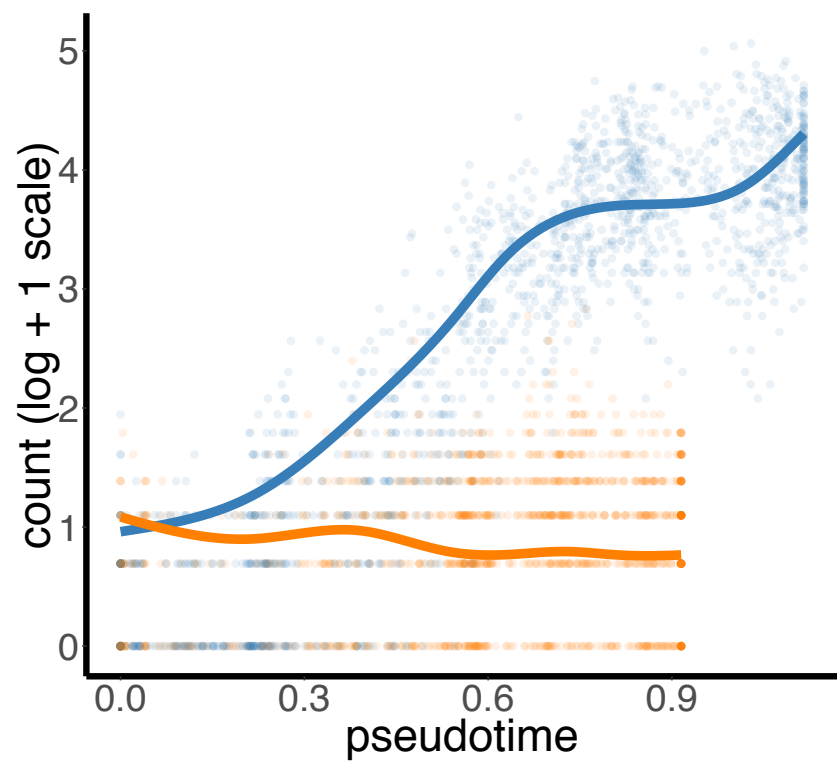


# tradeR

## Differential Expression tests



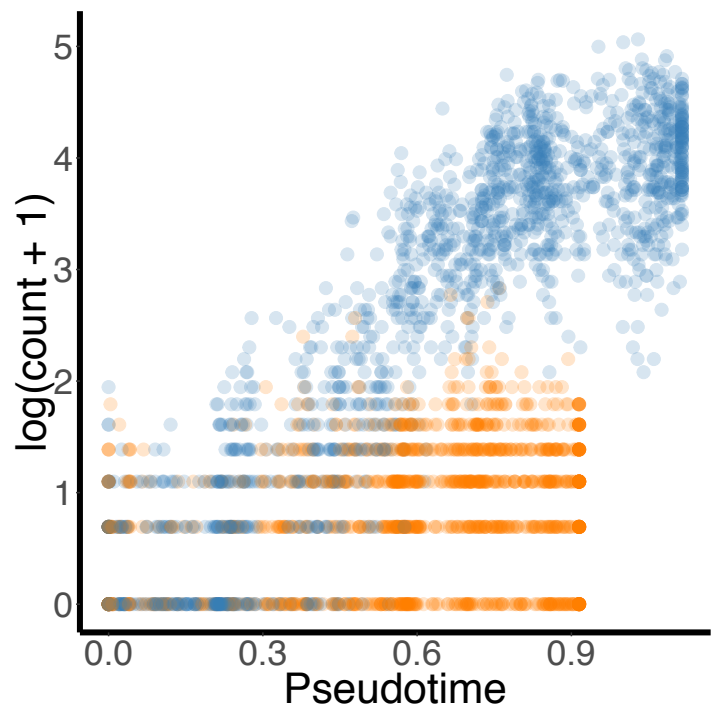
fitGAM



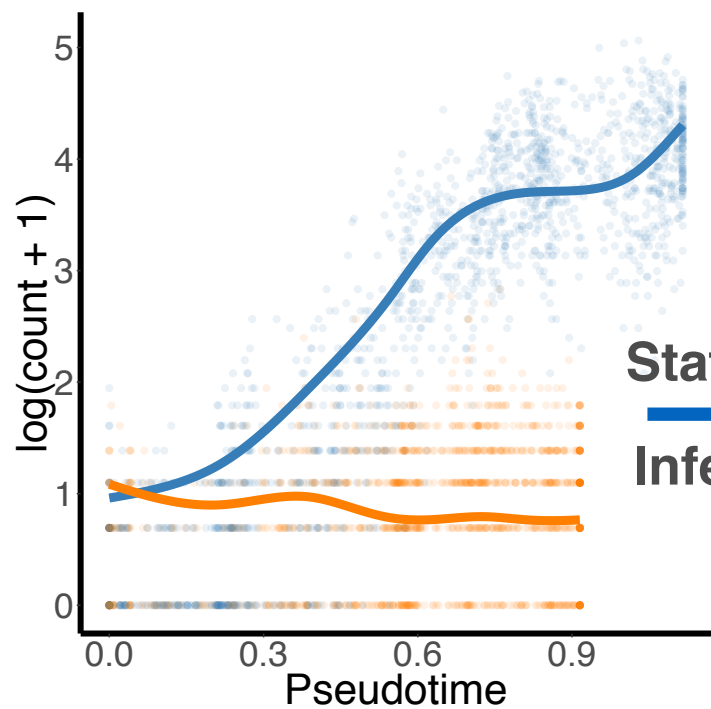
Within the orange Lineage		Between the orange and blue Lineages				
Lineages	association Test	startVsEnd Test	diffEnd Test	pattern Test	identical Test	earlyDE Test
	DE	DE	Not DE	Not DE	Not DE	Not DE
	Not DE	Not DE	DE	DE	DE	DE
	DE	Not DE	Not DE	Not DE	DE	Not DE
	DE	DE	DE	DE	DE	Not DE
	DE	DE	Not DE	DE	DE	DE
	DE	DE	Not DE	DE	DE	Not DE

# tradeR

## Differential Expression tests



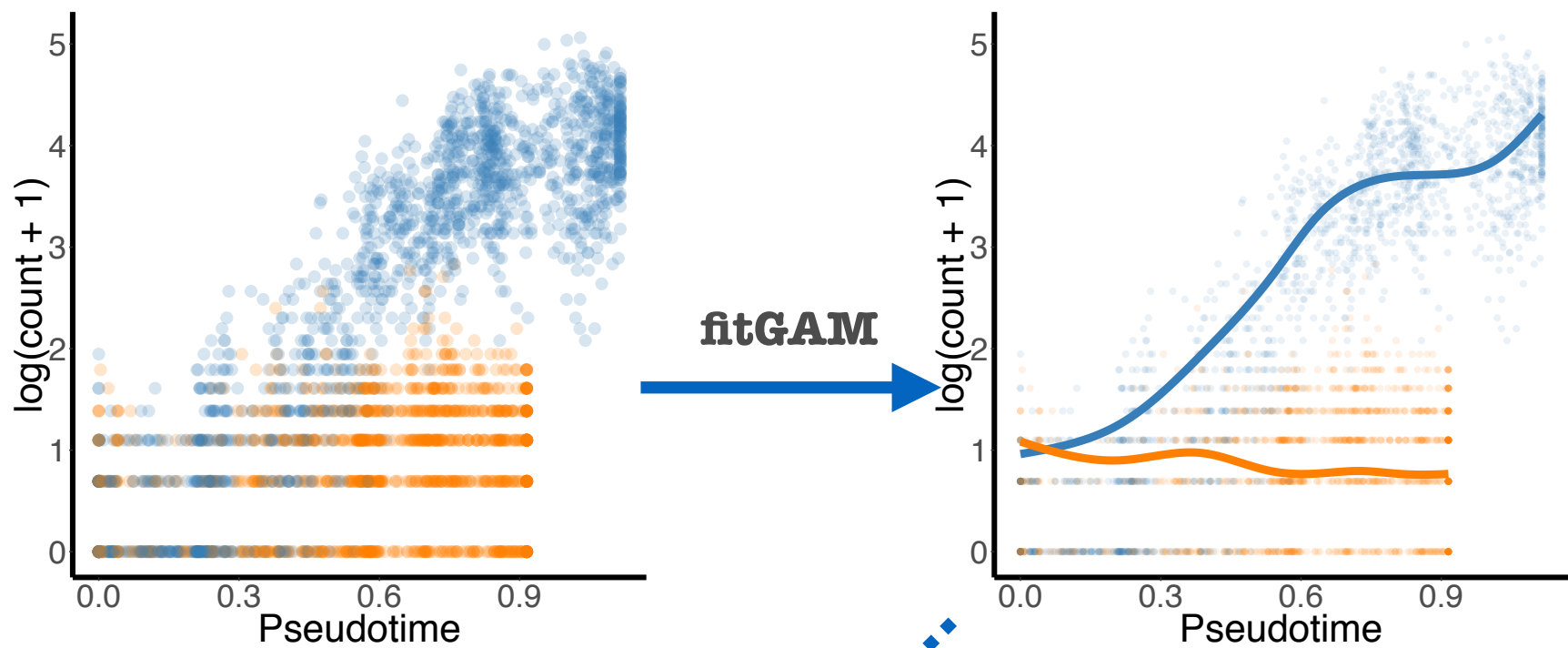
**fitGAM**



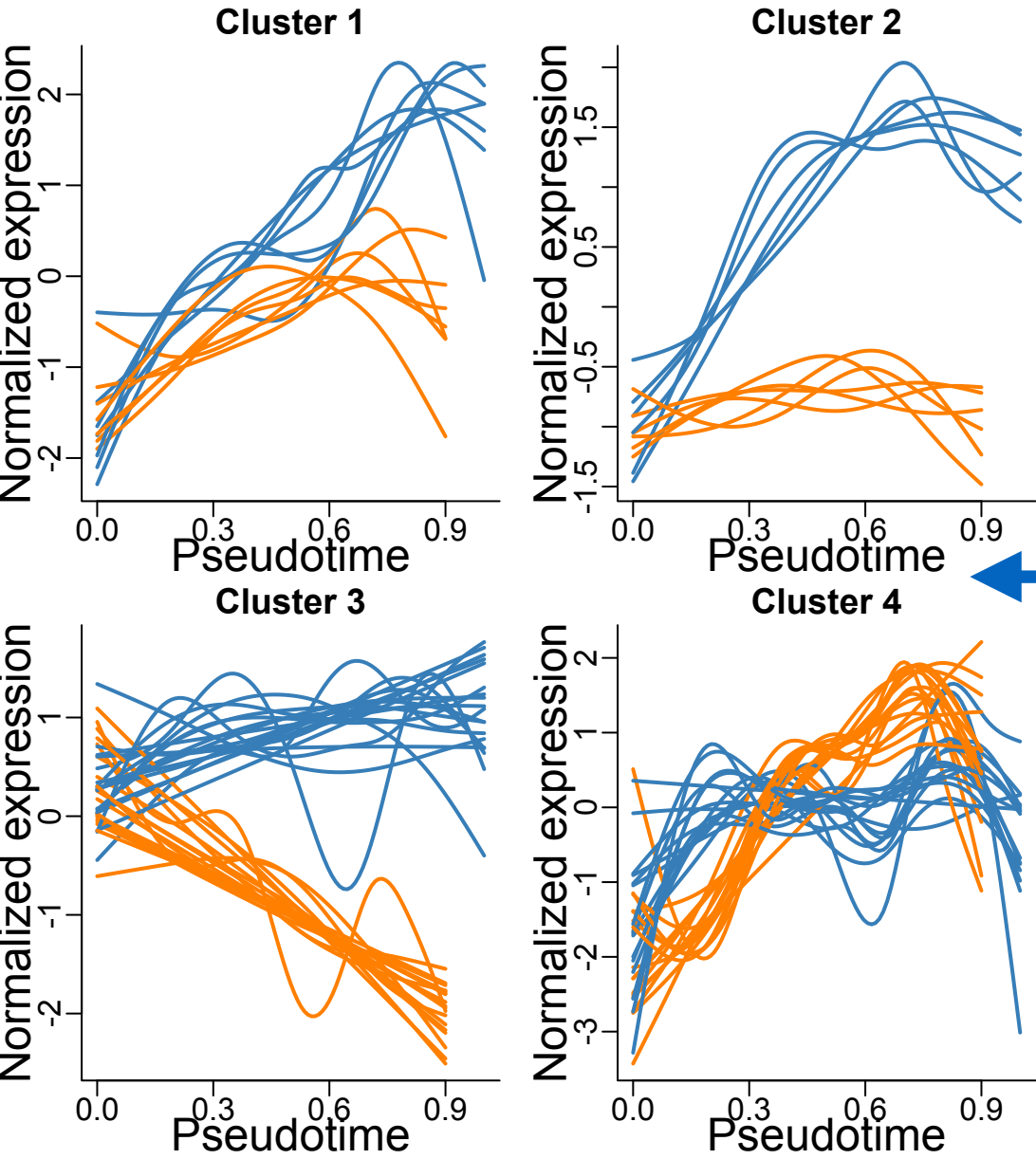
**Statistical  
Inference**



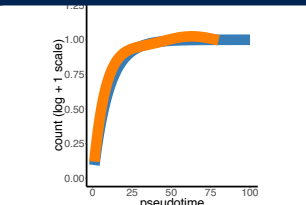
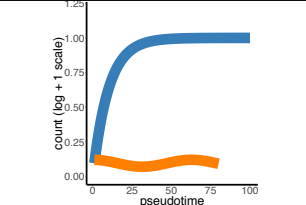
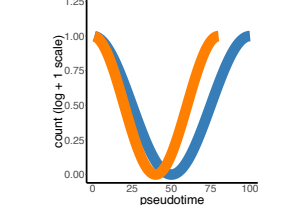
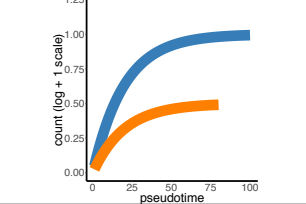
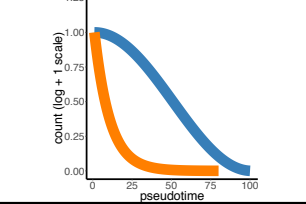
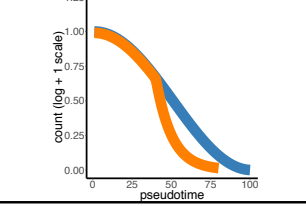
Lineages	Within the orange Lineage		Between the orange and blue Lineages			
	association Test	startVsEnd Test	diffEnd Test	pattern Test	identical Test	earlyDE Test
	DE	DE	Not DE	Not DE	Not DE	Not DE
	Not DE	Not DE	DE	DE	DE	DE
	DE	Not DE	Not DE	Not DE	DE	Not DE
	DE	DE	DE	DE	DE	Not DE
	DE	DE	Not DE	DE	DE	DE
	DE	DE	Not DE	DE	DE	Not DE



Clustering



Differential Expression tests

Lineages	Within the orange Lineage		Between the orange and blue Lineages		
	association Test	startVsEnd Test	diffEnd Test	pattern Test	earlyDE Test
	DE	DE	Not DE	Not DE	Not DE
	Not DE	Not DE	DE	DE	DE
	DE	Not DE	Not DE	Not DE	Not DE
	DE	DE	DE	DE	Not DE
	DE	DE	Not DE	DE	DE
	DE	DE	Not DE	DE	Not DE