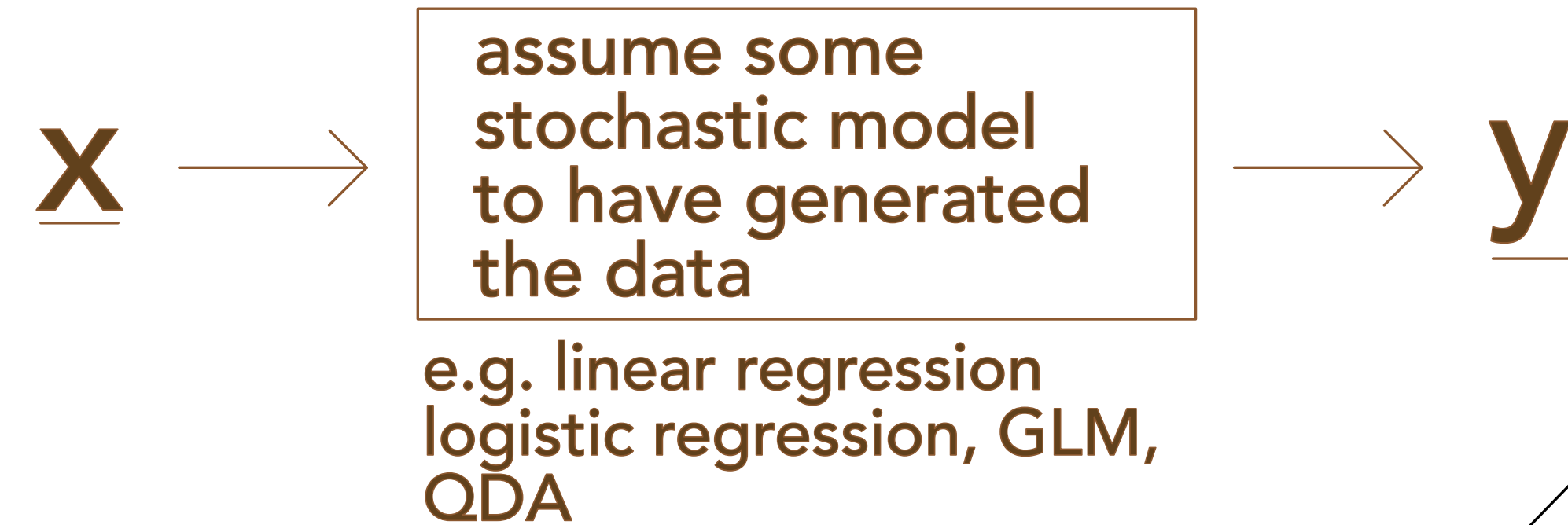


Cultures of modelling

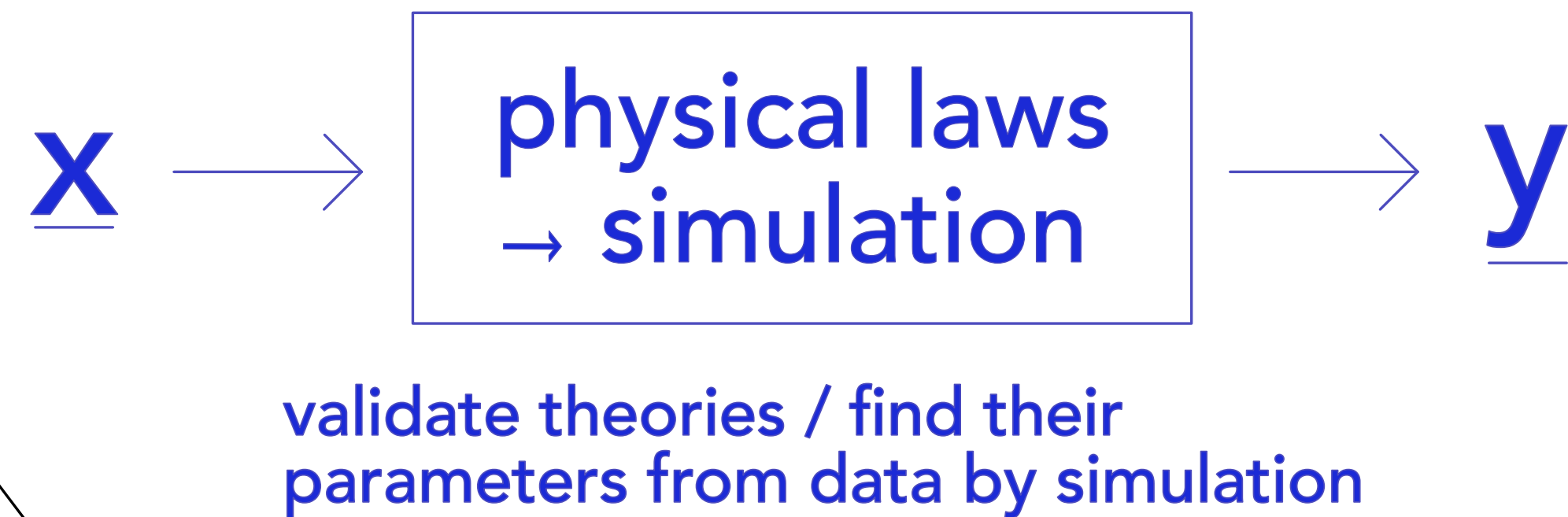
Data modelling



baseline truth / measurements

$\underline{x} \longrightarrow \boxed{\text{nature}} \longrightarrow \underline{y}$

Mechanistic modelling



Algorithmic modelling



directly model the input-output relationship
with a universal model

e.g. Neural Network, Random Forest