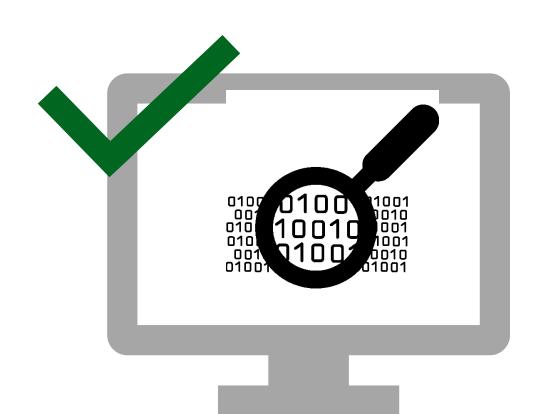






WHAT DOES AI "THINK" ABOUT LEGAL PROCEEDINGS?



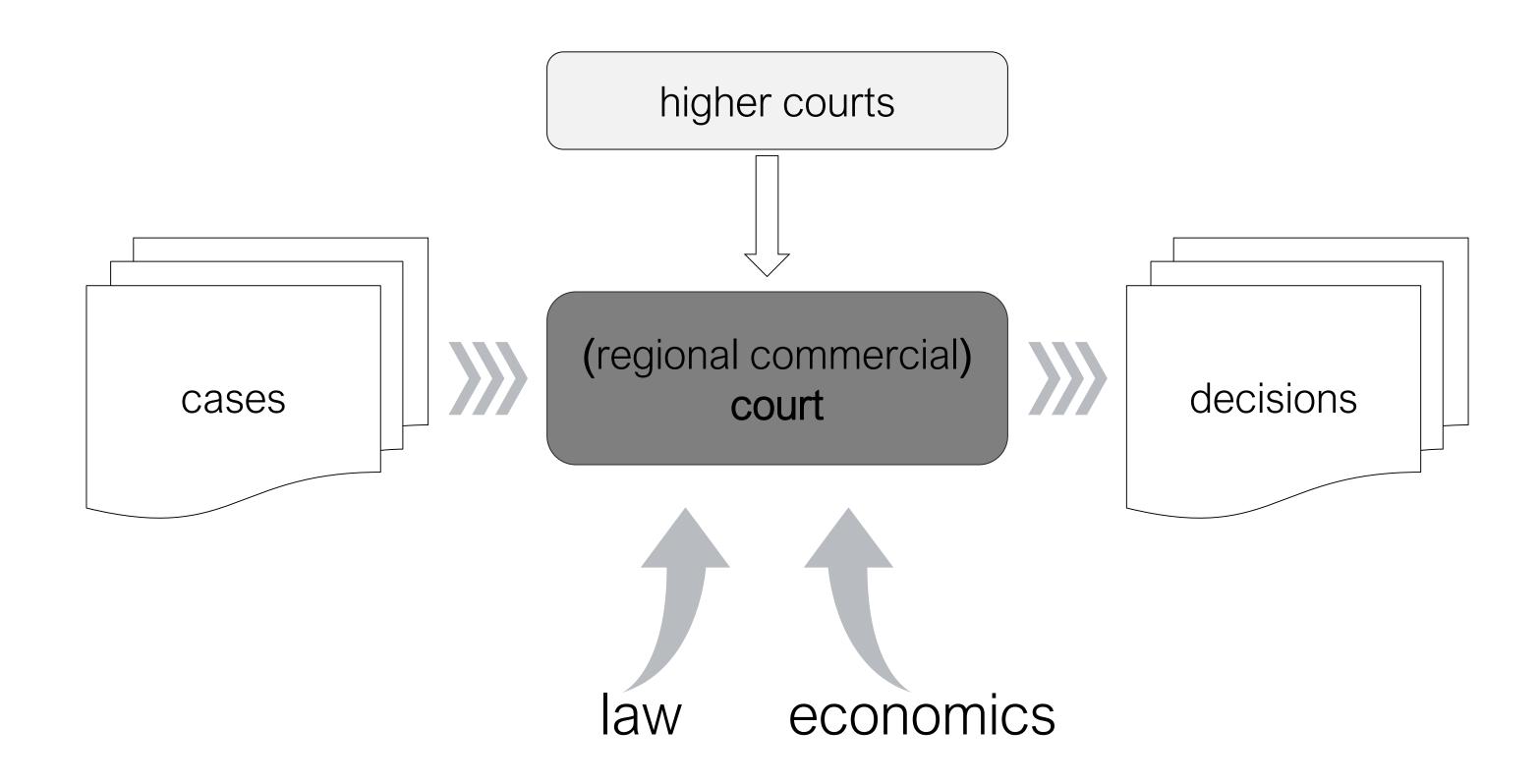






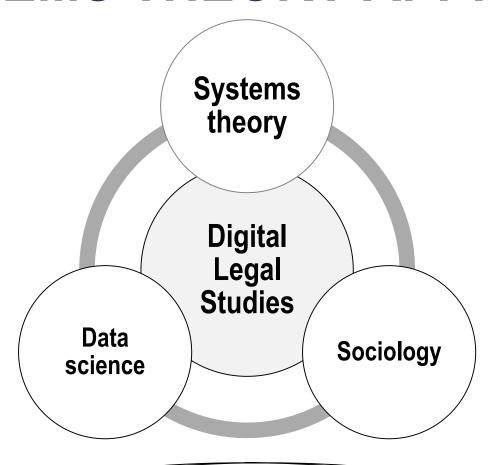


COURT AND INFORMATION





SYSTEMS THEORY APPROACH



litigation analytics

characteristics of court cases

characteristics of court decisions

complex | dynamic systems

input data flow

system actions

output data flow

data analysis

measurable parameters

time series of parameters

correlations, clusters, patterns, trends...



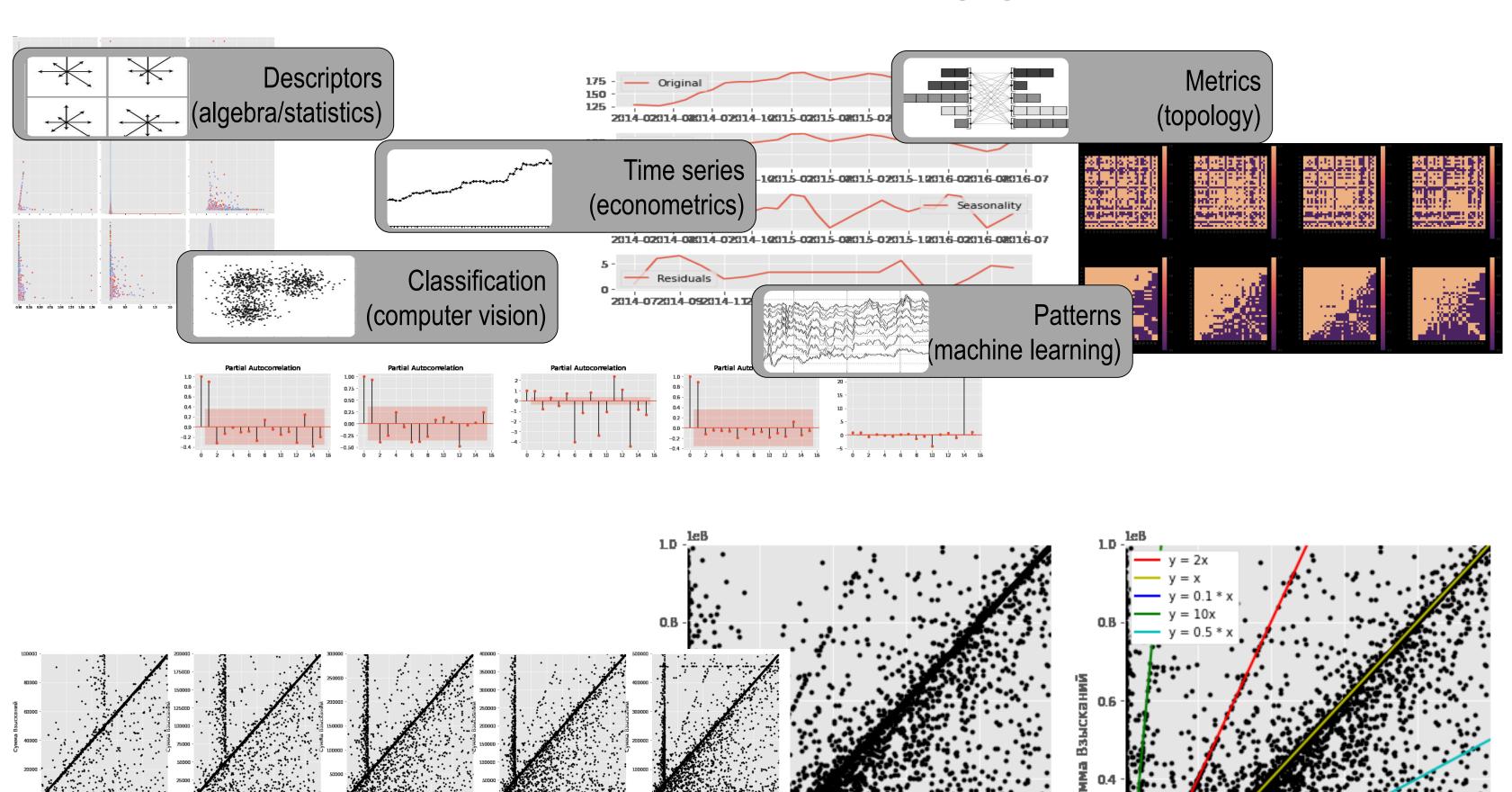
INFORMATION ⇒ **DATA**

economic status				
reputation	party background			
litigation experience				
complexity				
content category	case properties	complexity of proceedings		
dispute claims				
gross regional product				winning party
currency rate	economic situation			
inflation rate		legal PROCEEDING	DECISION	
changes in legislative acts	regulatory environment	duration		
resolutions of the Constitutional Court				
appeal decisions				
cassation decisions	courts system influence			degree of satisfaction
organizational support of the courts activities		type (online, simplified,)		
court workload	circumstances			
qualification of judges				

0.2



DATA DRIVEN ANALYSIS

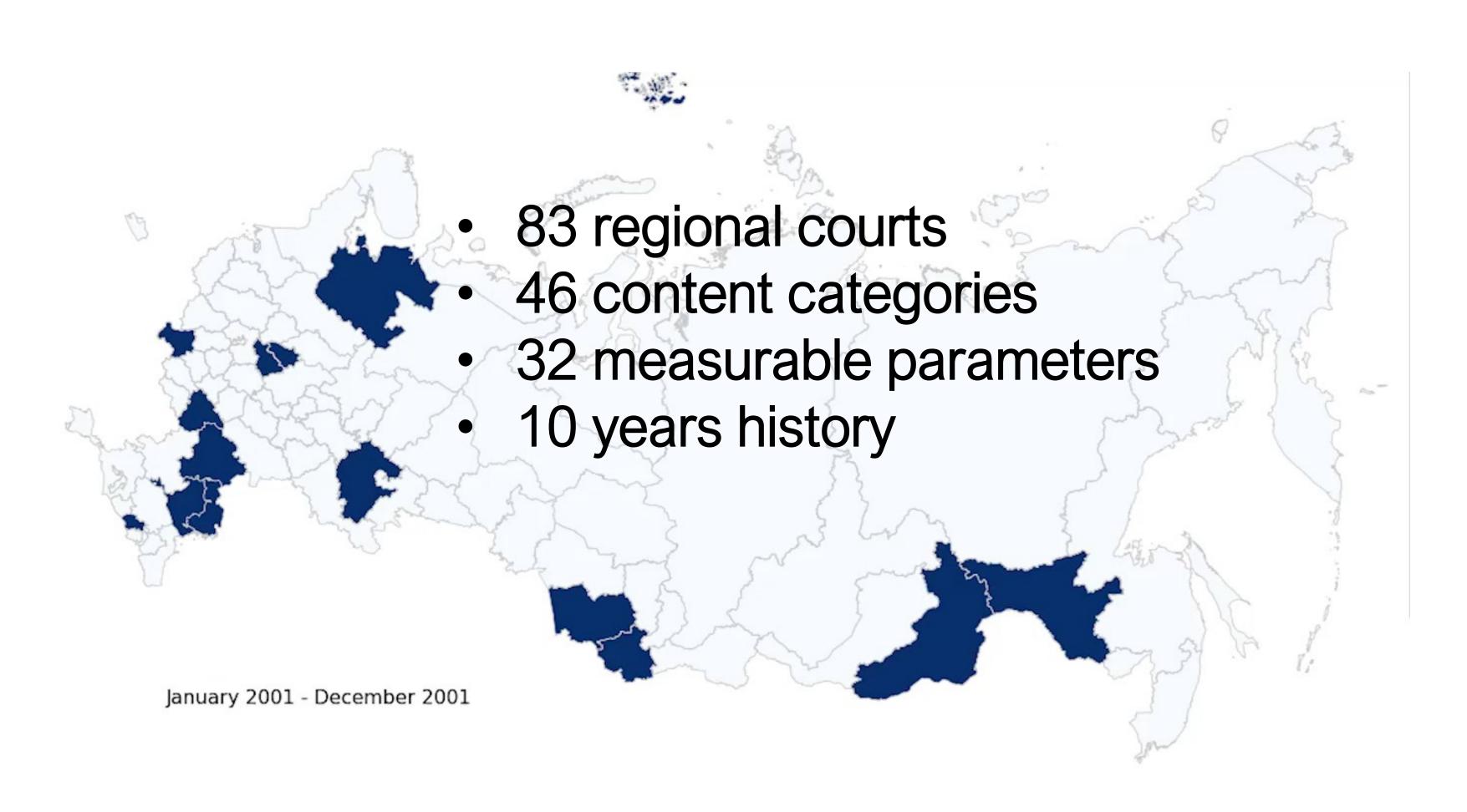


O.D

0.2

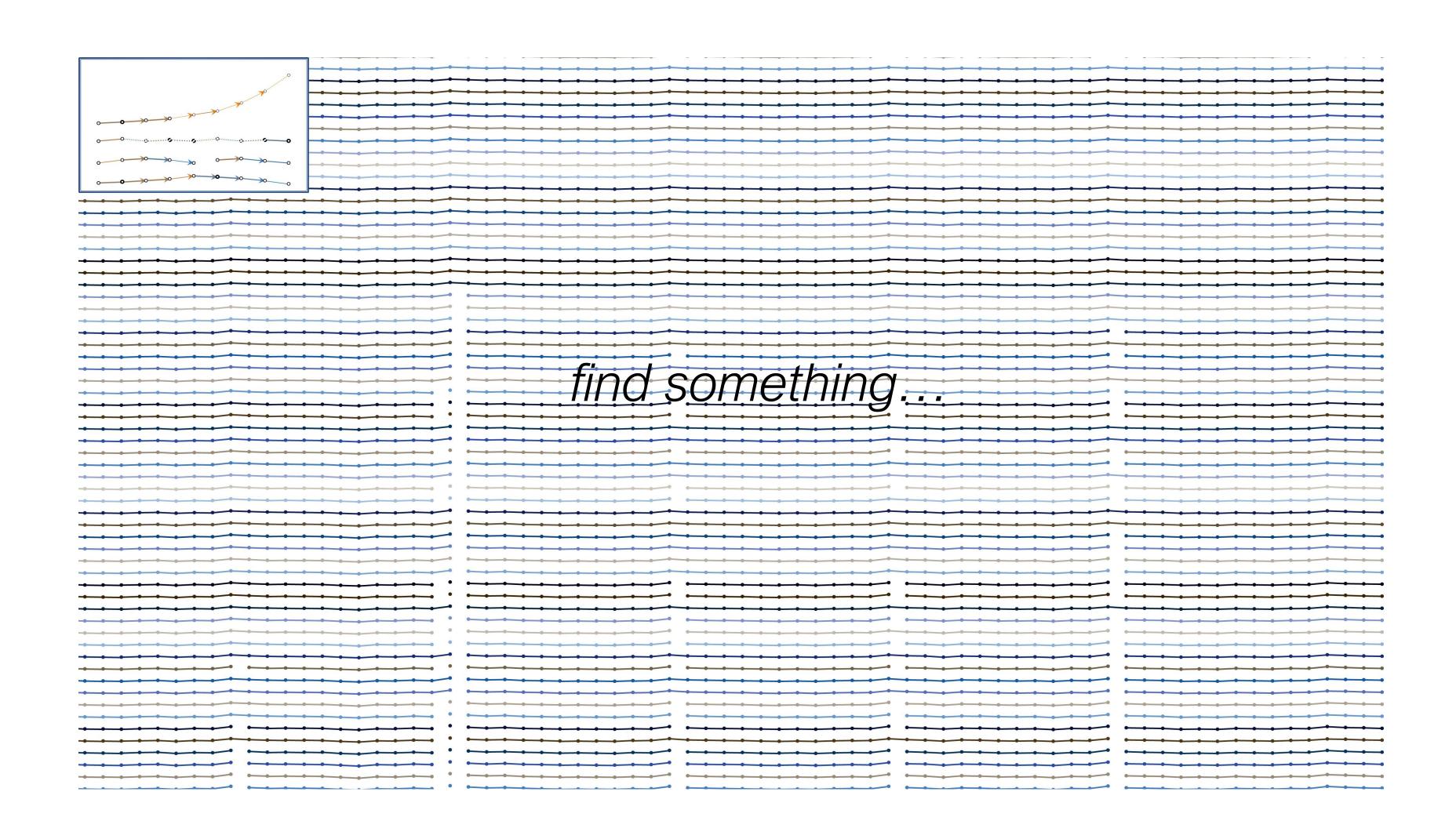


COMPLEX DATA OF COMPLEX SYSTEMS (COURTS)



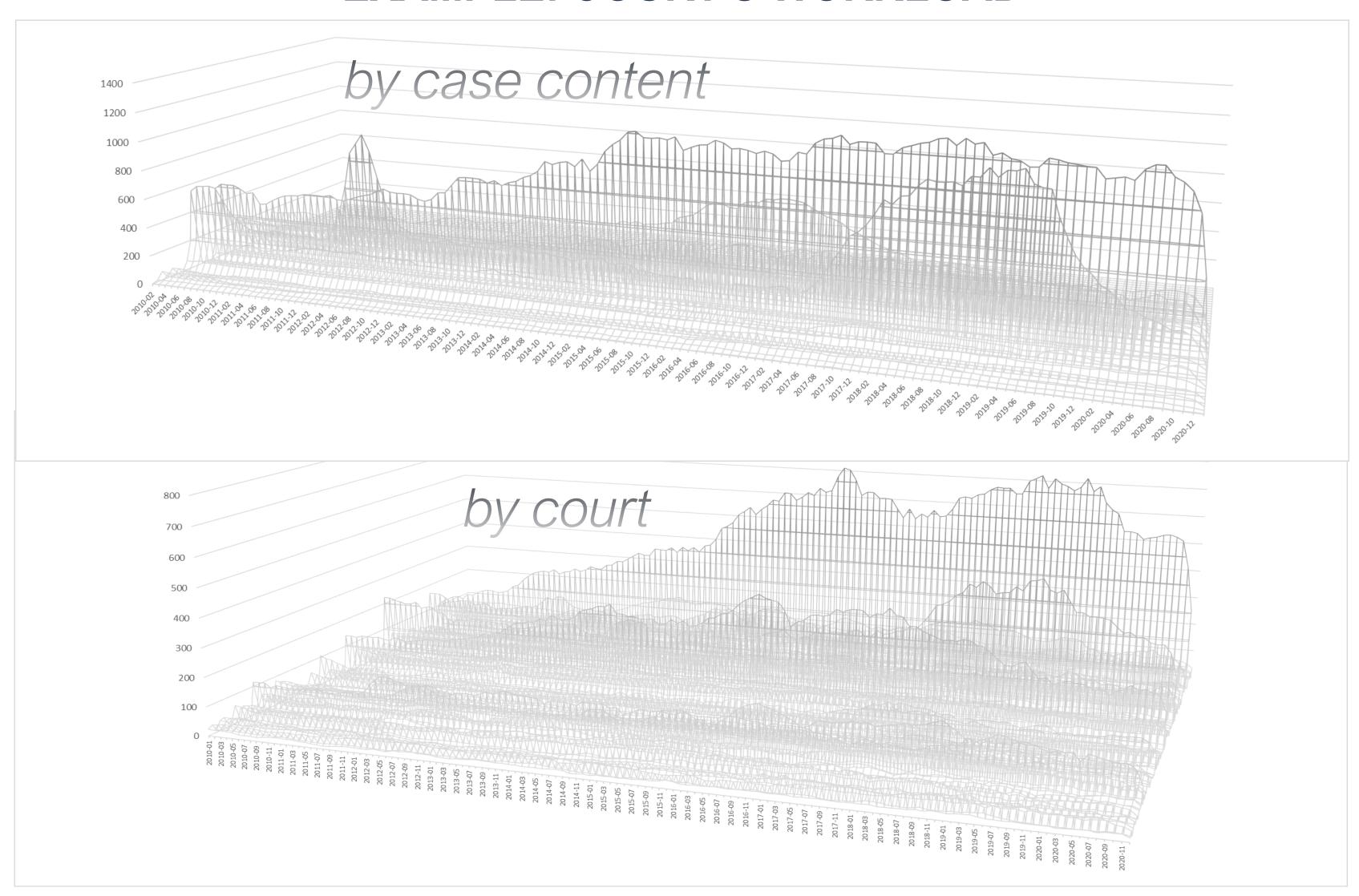


WHAT DO WE ASK AI ABOUT?





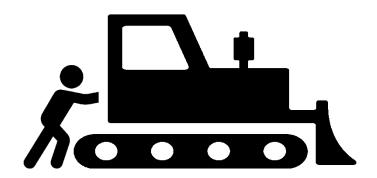
EXAMPLE: COURT'S WORKLOAD

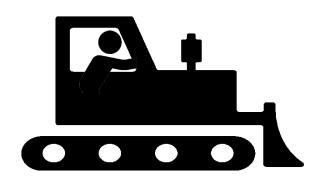






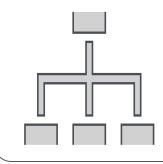
NUMERICAL ANALYSIS OF COURTS AS SYSTEMS







Raw Information



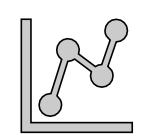
Structures, relations



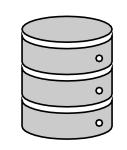
Expertise, studies



System management



Data analysis



Data



Data Science • Legal Studies = Legal Data Analysis



Thanks for your attention

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