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Paper Title	A mathematical model for the burden of diabetes and its complications
Problem, i.e. Objective	monitor the size of populations of diabetes with and without complications
Model is	New
	Deterministic
Number of equations	2 ordinary differential equations (ODEs)
Number of parameters	5
Maximum degree of differential Equation (if any)	1 (first-order ODEs)
Data type is	historical
Results	 The mathematical model provided numerical approximations and results for different scenarios, emphasizing the importance of controlling the incidence of diabetes and its complications. The Euler method was suggested as a reliable approach for monitoring the diabetic population at time intervals up to
	approximately two years using the linear model. 3. The model highlighted the potential impact of different strategies on the diabetic population and underscored the importance of bold decisions for sustainable development and better quality of life.