## The Pain Poins of Modeling My stakeholders resisted adopting modeling, a modeling language, or a tool because, e.g., they did not think it was worth it or I could not show its value. It was costly to negotiate a Writing definitions for the common definition among the I was not sure how to document elements in my model was experts about a concept of the my model. hard and boring. project's domain of interest. I could not properly define the It was costly to generate It was costly to define the model requirements because, I had difficulty explaining my verbalizations of my model model requirements because, e.g., my stakeholders did not model to my stakeholders/ suitable for the different know exactly what they needed e.g., there were too many audiences that should be able domain experts. or the domain was unfamiliar to stakeholders. to read and use it. Always/ High Always/ Moderate Always / Low \*Costly = Time, money, cognitive effort. The model has become too My colleagues did not consider it complex and too costly to maintain important to document the because, e.g., the tool did not model and did not understand support documentation or there my efforts to do so. were too many elements. It was costly to manually split Frequency the model into visually appealing and understandable Throughout your views (diagrams). career, how often did you experience this frustration? I wanted to reuse an existing model, but I had to redraw it from scratch. Somtimes/ High Sometimes / Low Sometimes / Moderate The tool I chose did not I was the only one on the team support model verification. My with experience in modeling. So I did everything myself. I wish I had model was large and complex had someone to discuss the and verifying it by myself was challenges. not trivial. I felt like I was repeating myself when manually I could not make one of my creating my database diagrams look good. schema (or OWL vocabulary). I could not choose the I was the only one on the modeling tool I wanted team interested in using and because of, *e.g., cost,* reusing the model. expertise, culture, or bureaucracy. It was costly\* to define the modeldriven approach because, *e.g.,* my company did not have a modeling culture or I was not Rarely/ Low Rarely / High Rarely/ Moderate knowledgeable enough.



Impact
On average, how frustrated did you get?