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



Impact
On average, how frustrated did you get?