Abbreviated schema

- Metadata table
  - **ipm_id**
  - species_name
  - author
  - doi
  - Additional metadata....

- Model_expression table
  - **Ipm_id**
  - **Demographic_parameter (e.g. surv, growth...)**
  - Formula (e.g. sizeNext ~ Norm(mu, sd))
  - Model_type (e.g. GLM, GAM)
  - Model_family (e.g. Gaussian, Poisson)

- State_variables table
  - **Ipm_id**
  - **State_variable**
  - Lower
  - Upper
  - Bin #

- Model_values table
  - **Ipm_id**
  - **Demographic_parameter**
  - State_variable
  - Parameter_type (e.g. mean, sd, weight)
  - **Parameter_name (e.g. growZslope, growZintercept)**
  - Parameter_value (e.g. 1.2, 3.7, 0.00004)