# PROV-graph description

The provenance (PROV) graph describes the model-building process including the data/literature basis, models, and experiments. The grey bar shows the reading direction and the chronological order in which the individual models were developed. The yellow area is a replication from the PROV-graph in Haase et al. (2022), the transition area from yellow to red shows the testing of different modelling tools (ML3 and NetLogo), and the reddish area depictures the model building to test different decision theories and processing orders. NetLogo is abbreviated with NL. The data entities with numbers in brackets refer to: [1] Lewin et al. (2021), [2] On-site data, [3] Off-site data. Rounded rectangles indicate entities, whereby solid blue indicates models and blue frames experiment (E.) or model output data (D.). The names of the models correspond to the model names in the publication. Normal rectangles with grey frames indicate activities such as model building (b.) or analysis (a.).

