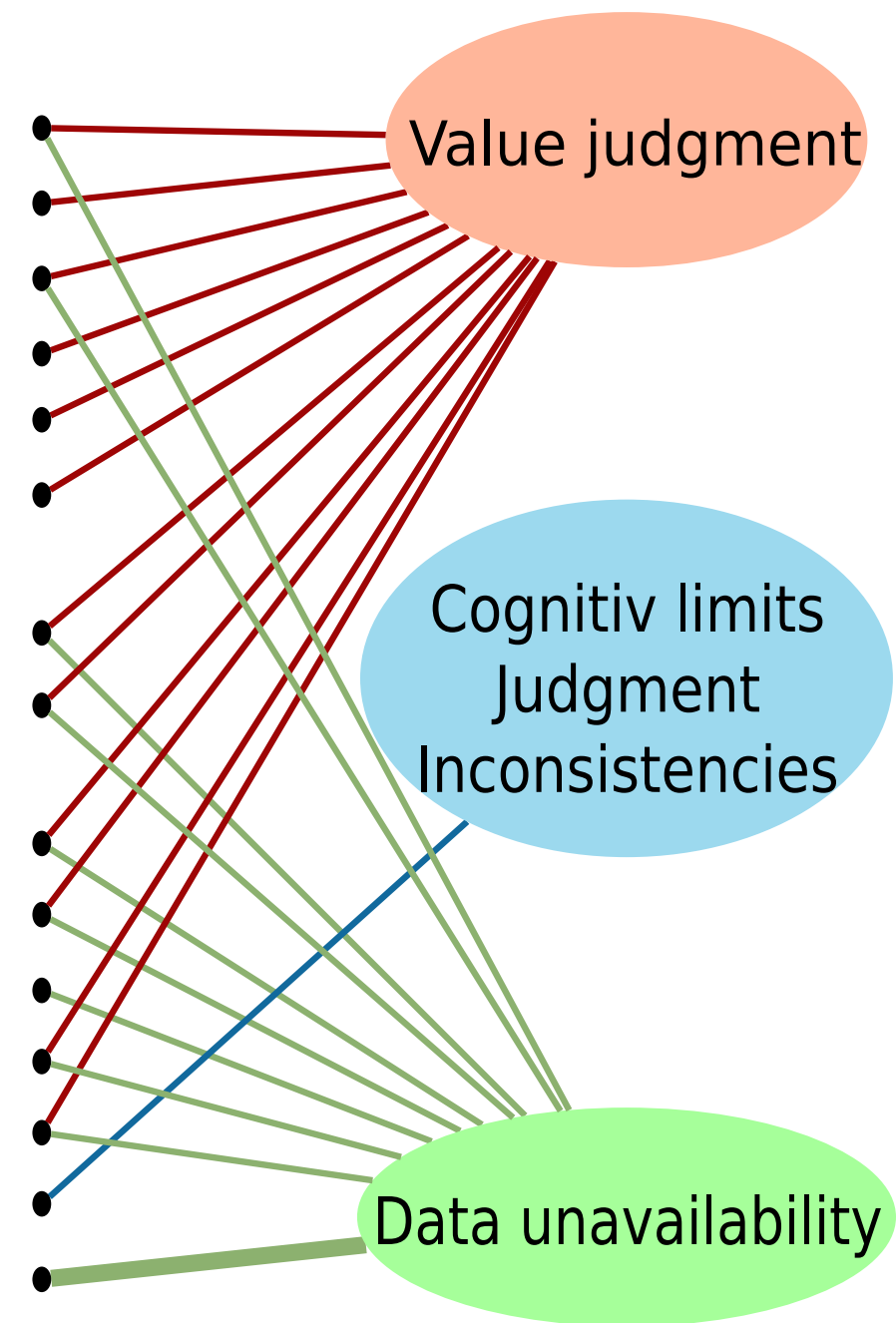


Table 1 LCA problems by phase

| Phase | Problem |
|-------------------------------|--|
| Goal and scope definition | Functional unit definition ^a |
| | Boundary selection ^a |
| | Social and economic impacts ^a |
| | Alternative scenario considerations ^a |
| Life cycle inventory analysis | Allocation |
| | Negligible contribution ('cutoff') criteria |
| | Local technical uniqueness |
| Life cycle impact assessment | Impact category and methodology selection |
| | Spatial variation |
| | Local environmental uniqueness |
| | Dynamics of the environment |
| | Time horizons |
| Life cycle interpretation | Weighting and valuation ^a |
| | Uncertainty in the decision process |
| All | Data availability and quality |



^a One might reasonably consider these problems to be pivotal decisions.