This data set contains data on seed caching, pilferage and the germination of *Pinus cembra* seeds. It also contains the environmental characteristics (canopy openness, soil moisture and dwarf shrub vegetation cover) of the caching, pilferage and germination sites.

Description of variables in the data set: response\_type: seed caching, seed predation, germination

response: binary data for caching, seed predation and germination

region: study valley

elevation: elevation a.s.l.

canopy\_openness: canopy openness (in %)

soil\_moisture: soil moisture (in %)

vegetation\_cover: dwarf shrub vegetation cover (in %)

Sample: Whether data are based on observations or random samples (RanSam),

only for caching data

cache\_ID: ID of the experimental cache, only for predation and germination data