

Data profile variable definitions

Variable	Variable comment
Year	Categorical
Date	Categorical
Vessel	Vessel type, "A", "B", "C", "D"
Local.time	Local time +5hrs GMT
Lat	Latitude, decimal degrees
Lon	Longitude, decimal degrees
Channel	Categorical, whether ship was traversing old channel or breaking new channel
Habitat1	Categorical, ice habitat (flat/featured)
Light	Categorical, Light (daylight, darkness when observations were made)
Focal.seals	Categorical, type and number of seals (MP - mother-pup pair, LP - lone pup, LA lone adult)
Seal.type	Categorical, MP or LP
Pup.stage	Pseudo continuous, pup developmental stage, 1-4
Dist.soV.m	Continuous, distance from side of vessel (metres)
sov.cat	Pseudo continuous, <10m (1), 10-49m (2), 50-100m (3), 100-199m (4)
MP.sep	Continuous, mother pup separation distance (m)
MP.disp	Continuous, mother pup displacement distance (m)
V.prior	Continuous, Vessel speed prior to seal encounter (knots)
V.enc	Continuous, Vessel speed during seal encounter (knots)
avoidance	Categorical, type of avoidance manoeuvre carried out
avoidance2	Categorical, type of avoidance manoeuvre (simplified)
Enc.type	Categorical, Encounter type
Habitat.breakage	Binary, whether breakage of pupping habitat occurred
Collision	Binary, whether a collision occurred (0 - No, 1 Yes) for seals within 10m of vessel side
Sep.20m	Binary, whether MP separation >20m occurred (0 - No, 1 Yes)
flt.dist	Continuous, distance at which seals fled from ships path (m)
Move.away	Binary, whether seals showed any movement or shifting of position in response to vessel (0 - No, 1 Yes)
Disp.20m	Binary, whether MP displacement >20m occurred (0 - No, 1 Yes)

In all cases missing data is denoted by 'NA'.