

1) Soubor **lokality.csv** popisuje charakter lokalit

das - distance to the source (km \* 10)  
alt - altitude (m)  
pen ( $\ln(x + 1)$  where x is the slope (per mil \* 100)  
deb - minimum average debit (m<sup>3</sup>/s \* 100)  
pH (\* 10)  
dur - total hardness of water (mg/l of Calcium)  
pho - phosphates (mg/l \* 100)  
nit - nitrates (mg/l \* 100)  
amm - ammonia nitrogen (mg/l \* 100)  
oxy - dissolved oxygen (mg/l \* 10)  
dbo - biological demand for oxygen (mg/l \* 10)

2) Soubor **ryby.csv** popisuje abundance (početnost) ryb na dané lokalitě

CHA - Cottus gobio  
TRU - Salmo trutta fario  
VAI - Phoxinus phoxinus  
LOC - Nemacheilus barbatulus  
OMB - Thymallus thymallus  
BLA - Telestes soufia agassizi  
HOT - Chondrostoma nasus  
TOX - Chondostroma toxostoma  
VAN - Leuciscus leuciscus  
CHE - Leuciscus cephalus cephalus  
BAR - Barbus barbus  
SPI - Spirlinus bipunctatus  
GOU - Gobio gobio  
BRO - Esox lucius  
PER - Perca fluviatilis  
BOU - Rhodeus amarus  
PSO - Lepomis gibbosus  
ROT - Scardinius erythrophthalmus  
CAR - Cyprinus carpio  
TAN - Tinca tinca  
BCO - Abramis brama  
PCH - Ictalurus melas  
GRE - Acerina cernua  
GAR - Rutilus rutilus  
BBO - Blicca bjoerkna  
ABL - Alburnus alburnus  
ANG - Anguilla anguilla