Supporting Figures

srdb.assessmethod

+category: VARCHAR(100)
+methodshort: VARCHAR(20) = PRIMARY KEY
+methodlong: VARCHAR(200)

srdb.assessment

+assessid: VARCHAR(200)
+assessorid: VARCHAR(40) REFERENCES assessorid
+stockid: VARCHAR(40) REFERENCES stockid
+recorder: VARCHAR(40)
+daterecorded: DATE
+dateloaded: DATE
+assessyear: VARCHAR(9)
+assesssource: VARCHAR(300)
+contacts: VARCHAR(300)
+notes: VARCHAR(1000)
+pdffile: VARCHAR(300)
+assess: INT
+refpoints: INT
+assessmethod: VARCHAR(200) = REFERENCES methodshort
+assesscomments: VARCHAR(1000)

srdb.timeseries

+assessid: VARCHAR(200) REFERENCES assessid
+tsid: VARCHAR(40) = REFERENCES tsunique
+tsyear: INT
+tsvalue: FLOAT

srdb.tsmetrics

+tsunique: VARCHAR(70) = PRIMARY KEY
+tscategory: VARCHAR(200)
+tsshort: VARCHAR(40)
+tslong: VARCHAR(200)
+tsunitsshort: VARCHAR(40)
+tsunitslong: VARCHAR(300)

srdb.assessor

+assessorid: VARCHAR(40) = PRIMARY KEY
+mgmt: VARCHAR(40) = REFERENCES mgmt
+country: VARCHAR(50)
+assessorfull: VARCHAR(200)

srdb.area

+areaID: VARCHAR(70) = PRIMARY KEY
+country: VARCHAR(50)
+areatype: VARCHAR(40) = REFERENCES mgmt
+areacode: VARCHAR(25)
+areaname: VARCHAR(100)
+alternateareaname: VARCHAR(40)

srdb.stock

+stockid: VARCHAR(40) = PRIMARY KEY
+tsn: INT = REFERENCES tsn
+scientificname: VARCHAR(200)
+commonname: VARCHAR(200)
+areaID: VARCHAR(70) = REFERENCES areaID
+stocklong: VARCHAR(200)
+inMYERSdB: INT
+MYERSstockid: VARCHAR(40)

srdb.referencedoc

+assessid: VARCHAR(200) = REFERENCES assessid
+risfield: VARCHAR(50) = REFERENCES risfield
+risentry: VARCHAR(200)

srdb.risfields

+risfield: VARCHAR(50) = PRIMARY KEY
+risdescription: VARCHAR(200)

srdb.bioparams

+assessid: VARCHAR(200) REFERENCES assessid
+bioid: VARCHAR(40) = REFERENCES biounique
+biovalue: VARCHAR(100)
+bioyear: VARCHAR(10)

srdb.biometrics

+biounique: VARCHAR(70) = PRIMARY KEY
+category: VARCHAR(100)
+subcategory: VARCHAR(100)
+bioshort: VARCHAR(40)
+biolong: VARCHAR(300)
+biounitsshort: VARCHAR(40)
+biounitslong: VARCHAR(200)

srdb.management

+mgmt: VARCHAR(40) = PRIMARY KEY
+country: VARCHAR(50)
+managementauthority: VARCHAR(200)

srdb.taxonomy

+tsn: INT = PRIMARY KEY
+scientificname: VARCHAR(200)
+kingdom: VARCHAR(200)
+phylum: VARCHAR(200)
+classname: VARCHAR(200)
+ordername: VARCHAR(200)
+family: VARCHAR(200)
+genus: VARCHAR(200)
+species: VARCHAR(200)
+myersname: VARCHAR(20)
+commonname1: VARCHAR(200)
+commonname2: VARCHAR(200)
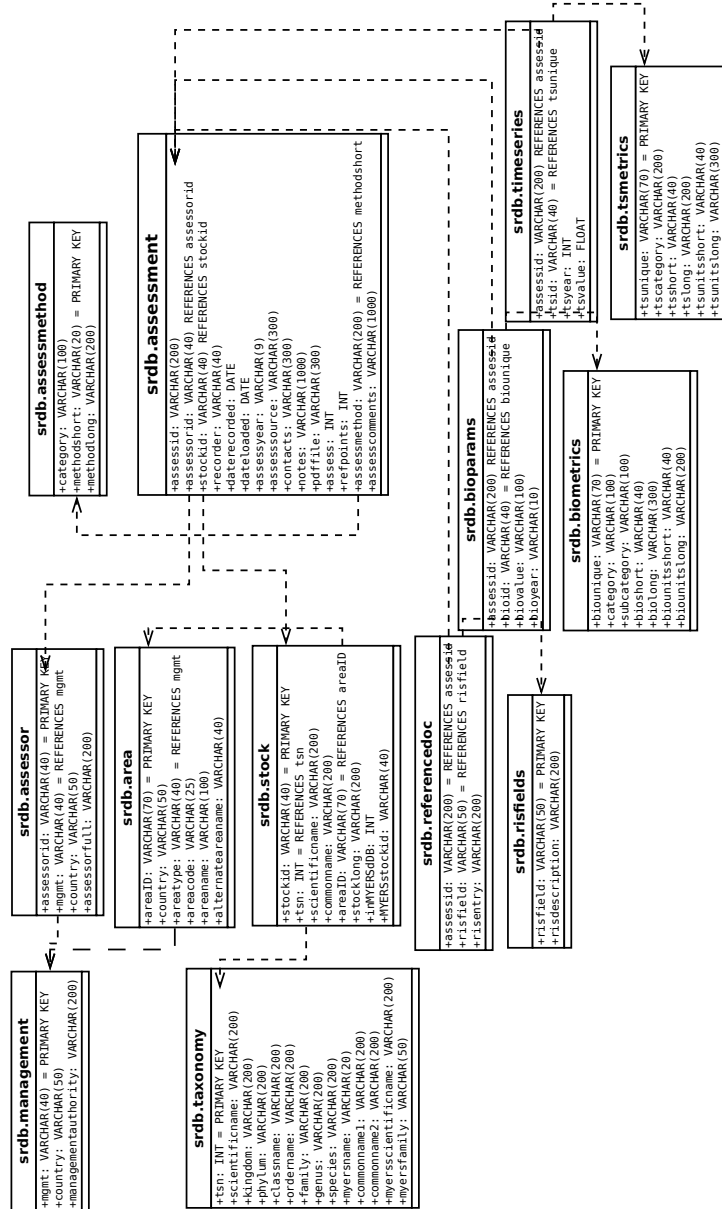+myersscientificname: VARCHAR(200)
+myersfamily: VARCHAR(50)

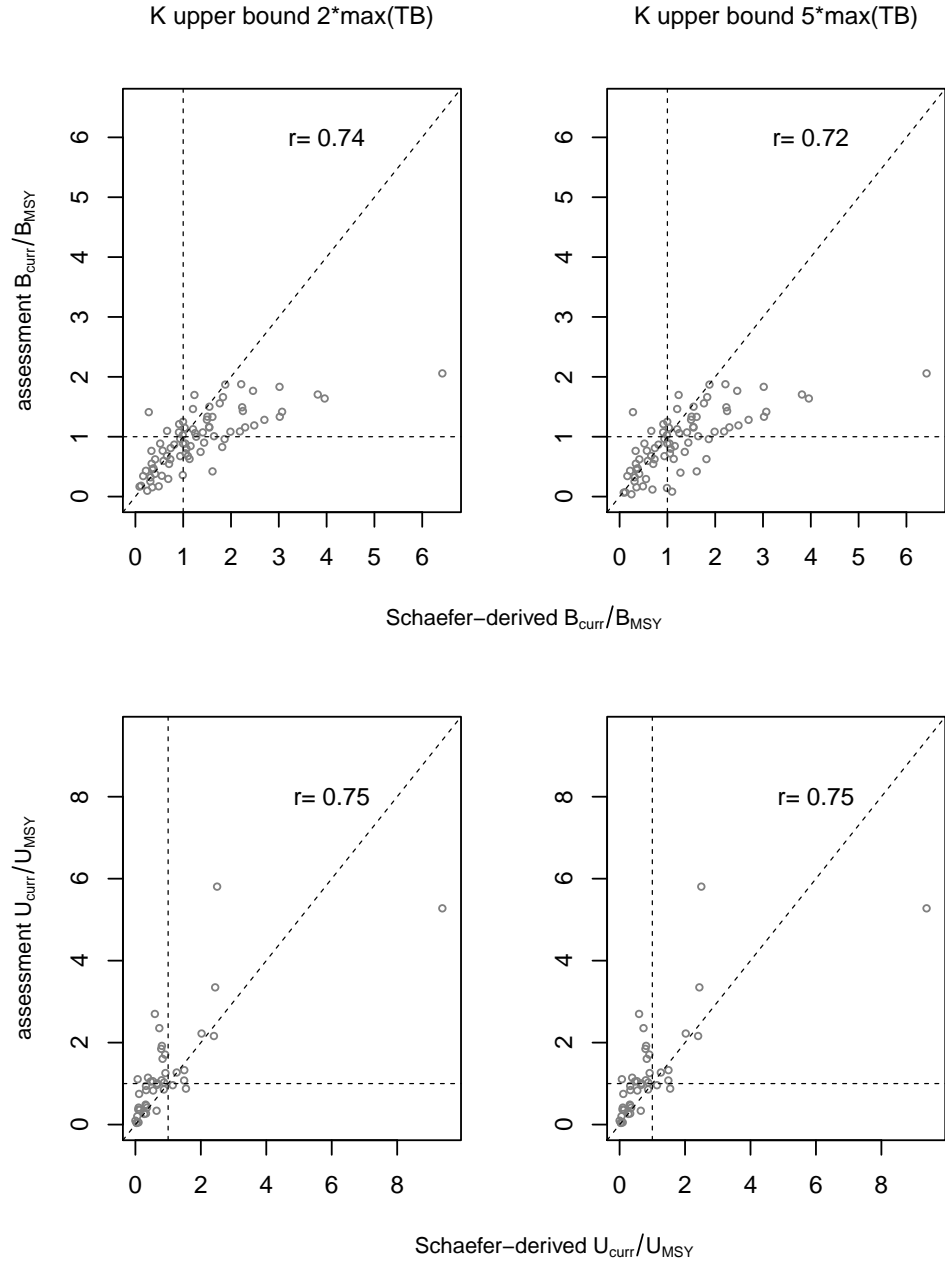Figure S 1: Entity-relationship diagram of the RAM Legacy Stock Assessment Database.

Figure S 2: B_{msy} and U_{msy} vs. B_{msy} and U_{msy} obtained from Schaefer model under two different constraints for the upper bound of the Schaefer K parameter.

Figure S 3: Taxonomic dendrogram of the RAM Legacy Stock Assessment Database.
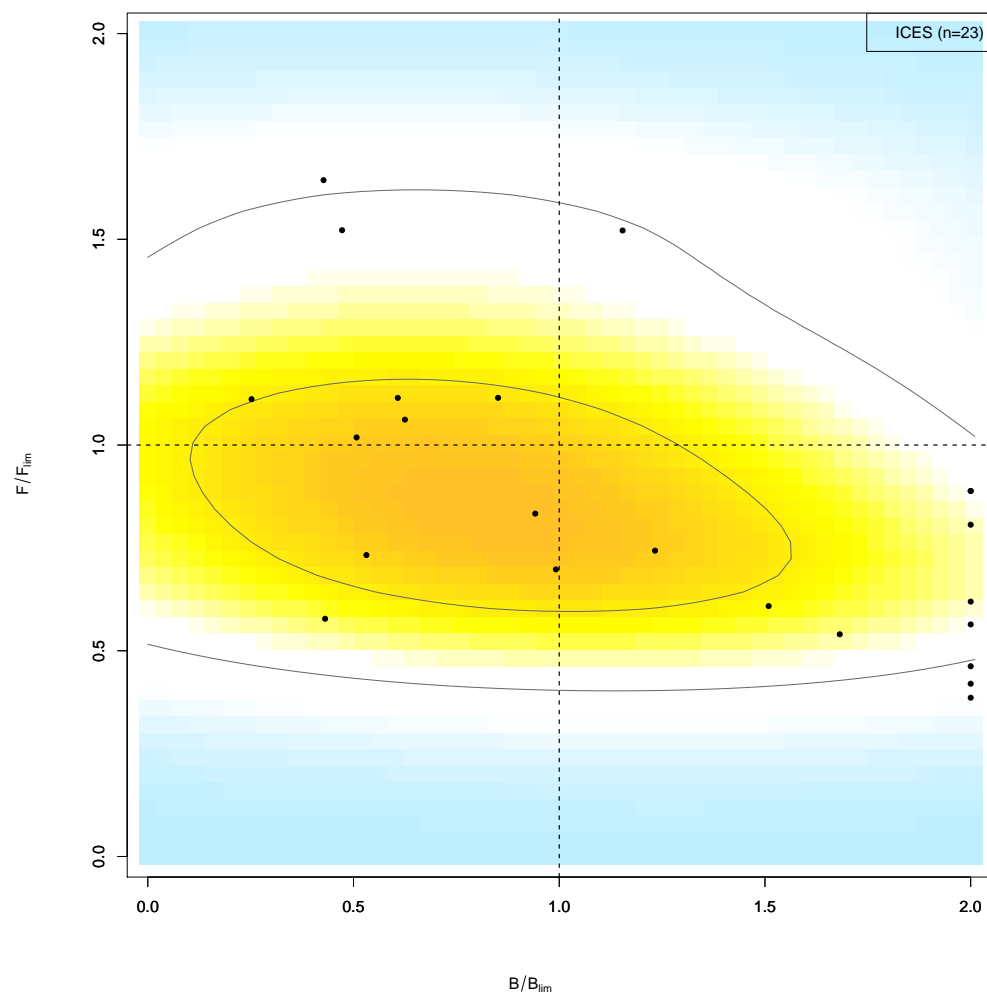
Figure S 4: Ratio of current biomass and fishing mortality to limit biomass and fishing mortality reference points (B_{lim} and F_{lim}) for European stocks managed by ICES.