

Complement to INBO.A.2012.59: Bias calculations for disregarding growth form as well as abundance metrics

All sites

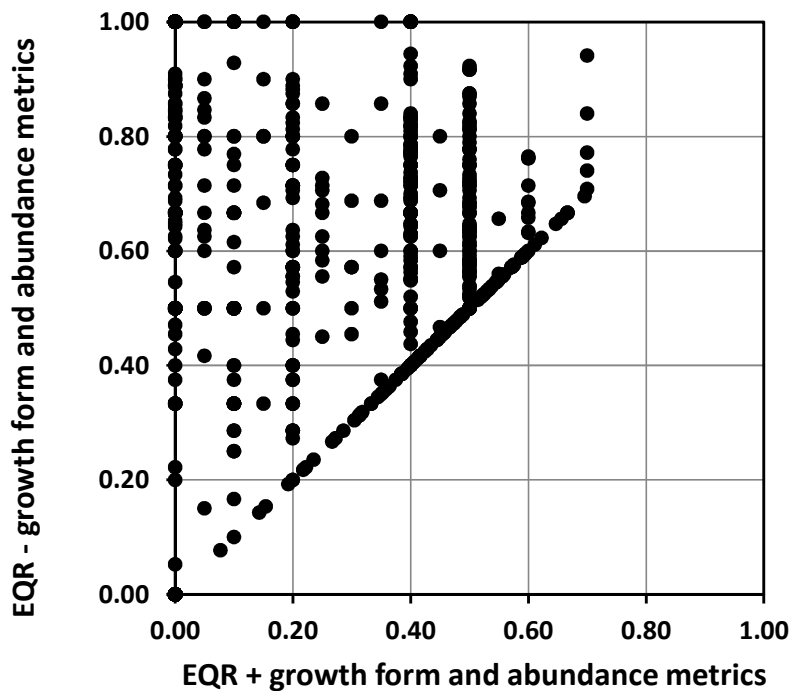


Figure 1. Graphical comparison of EQR values, using 2 or 4 metrics.

assessment	difference $\pm \sigma$
all	0.336 ± 0.333 (n=661)
high	0.766 ± 0.238 (n=162)
good	0.359 ± 0.220 (n=179)
moderate	0.150 ± 0.182 (n=180)
poor	0.102 ± 0.121 (n=60)
bad	0.003 ± 0.015 (n=79)

Table 2. Average decrease of EQR if submerged vegetation abundance is included (left column indicates compromised assessment class).

assessment	with 2 metrics	with 4 metrics
high	162	0 (-162)
good	179	25 (-154)
moderate	180	236 (+56)
poor	60	115 (+ 55)
bad	79	284 (+205)
minus 1 class	132 (20%)	
minus 2 classes	100 (15%)	
minus 3 classes	69 (10%)	
minus 4 classes	101 (15%)	

Table 3. Number of stretches in each status class, without and with both metrics included and class differences.

Small brook (Bk)

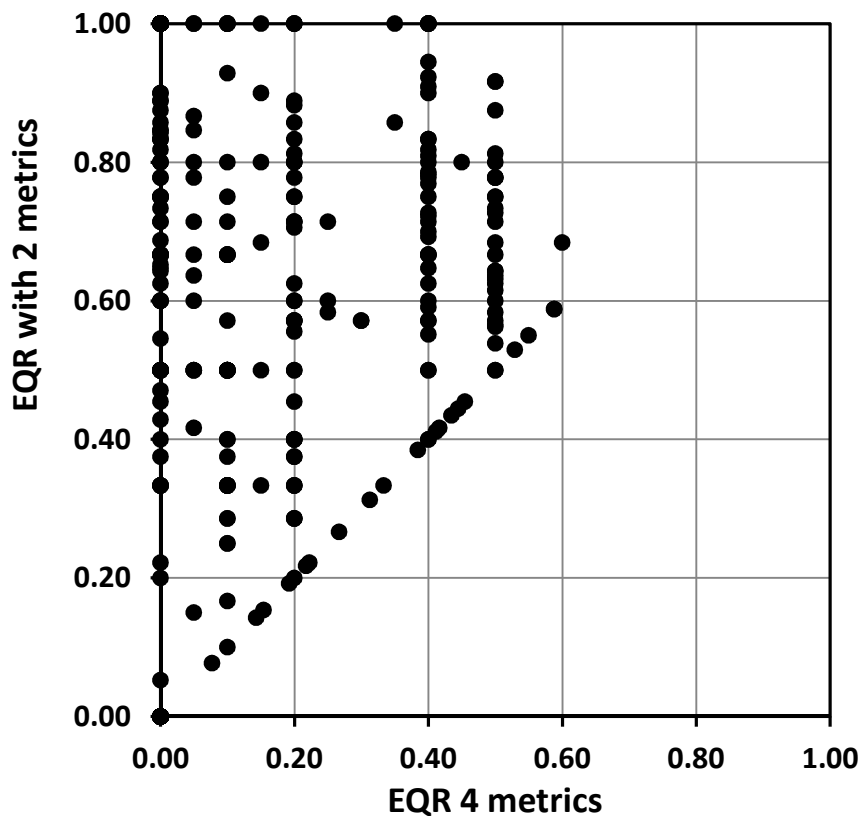


Figure 2. Graphical comparison of EQR values, using 2 or 4 metrics for Bk.

assessment	difference $\pm \sigma$
all	0.419 \pm 0.354 (n=387)
high	0.829 \pm 0.207 (n=115)
good	0.465 \pm 0.207 (n=86)
moderate	0.276 \pm 0.186 (n=69)
poor	0.171 \pm 0.114 (n=34)
bad	0.003 \pm 0.015 (n=79)

Table 4. Average decrease of EQR if submerged vegetation abundance is included (Bk; left column indicates compromised assessment class).

assessment	with 2 metrics	with 4 metrics
high	116	-116
good	87	-86
moderate	70	78 (+7)
poor	35	55 (+20)
bad	79	253 (+174)
minus 1 class	69 (18%)	
minus 2 classes	63 (16%)	
minus 3 classes	53 (14%)	
minus 4 classes	83 (21%)	

Table 5. Number of stretches in each status class, without and with submerged vegetation abundance and class differences (Bk).

Small brook Kempen (BkK)

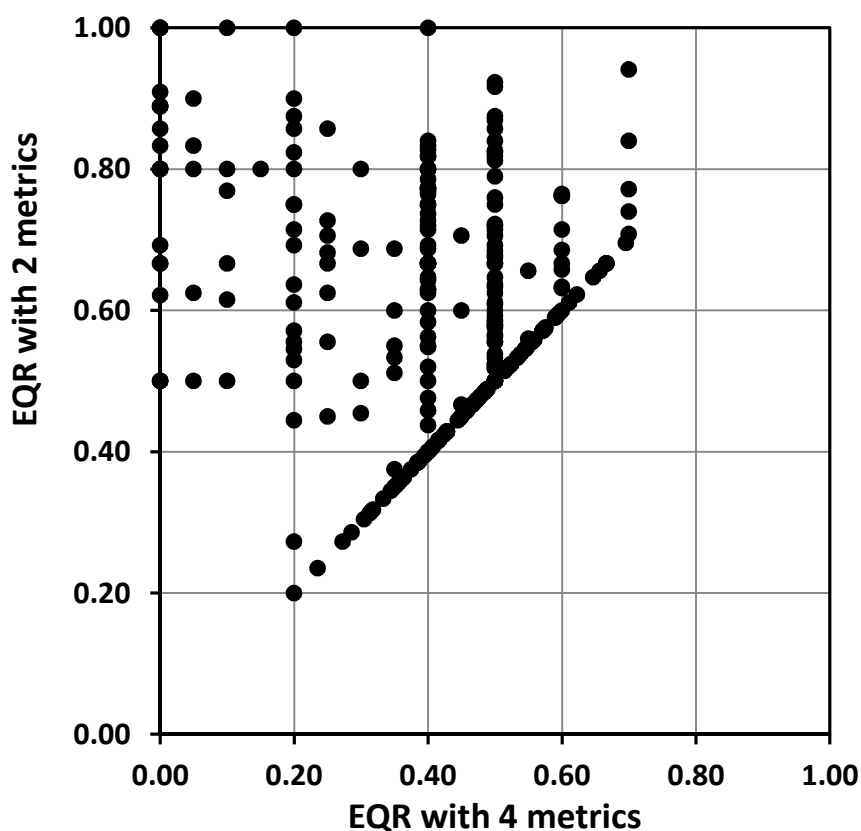


Figure 3. Graphical comparison of EQR values, using 3 or 4 metrics for BkK.

assessment	difference $\pm \sigma$
all	0.217 \pm 0.257 (n=273)
high	0.865 \pm 0.065 (n=45)
good	0.684 \pm 0.053 (n=91)
moderate	0.509 \pm 0.056 (n=109)
poor	0.337 \pm 0.051 (n=25)

Table 6. Average decrease of EQR if submerged vegetation abundance is included (Bkk; left column indicates compromised assessment class).

assessment	with 2 metrics abundance	with 4 metrics
high	46	0 (-46)
good	93	24 (-69)
moderate	110	158 (+48)
poor	25	60 (+35)
bad	0	31 (+31)
minus 1 class	63 (21%)	
minus 2 classes	37 (14%)	
minus 3 classes	16 (6%)	
minus 4 classes	1! (7%)	

Table 7. Number of stretches in each status class, without and with submerged vegetation abundance and class differences (BkK).