Annex 2.2.1 – Comparison of boundaries

[note: the Swedish values in the figures need to be updated with the right class boundaries (corresponding to the national EQR values of 0.8 and 0.6 for HG and GM]

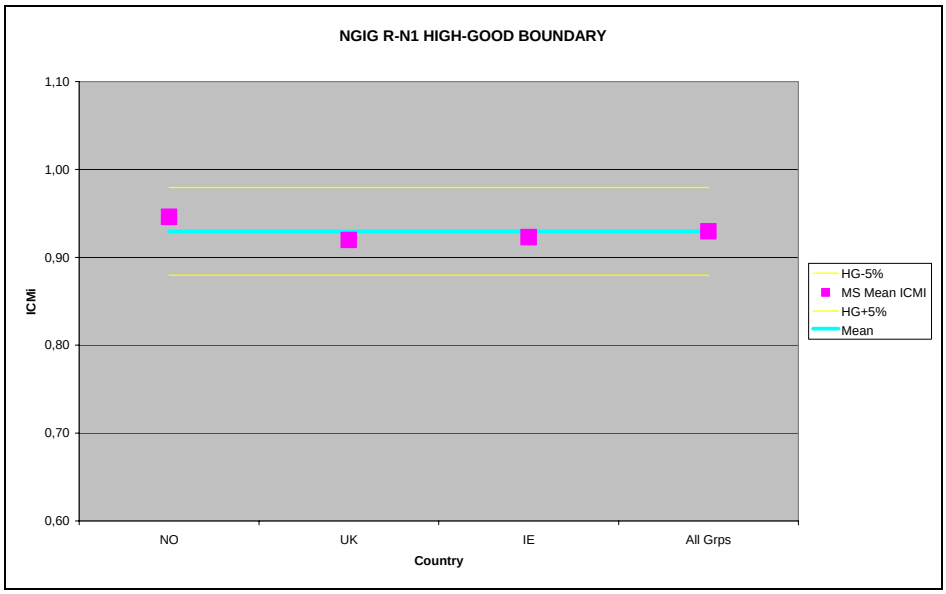
Method 1 – Official NGIG Boundary Calculation Method

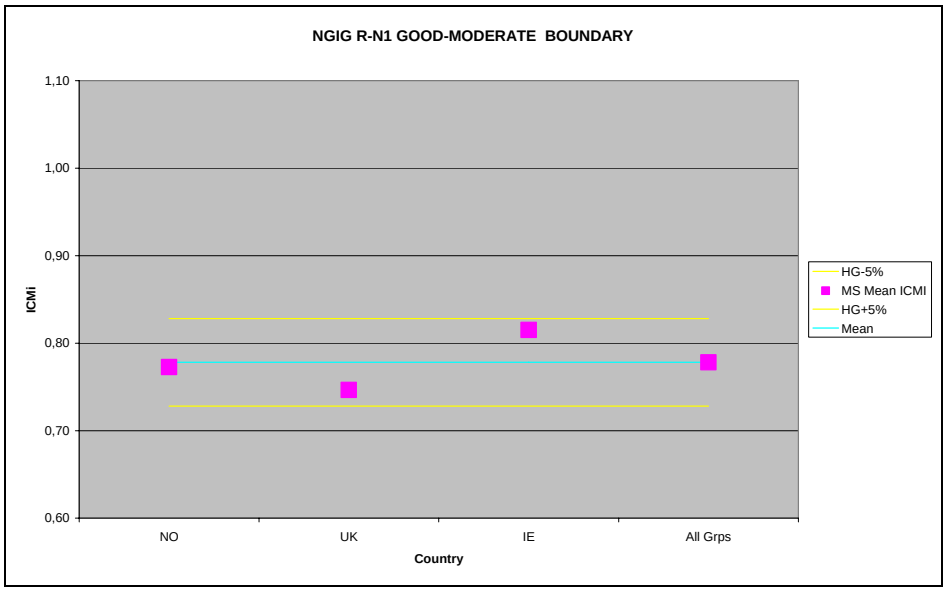
The High/Good (HG) Boundary for each Member State (MS) within each NGIG river type is calculated as the half-way point between the average ICMi value for the adjacent status classes of High and Good.

The Good/Moderate (GM) Boundary for each Member State within each NGIG river is calculated as the half-way point between the average ICMi value for the adjacent status classes of Good and Moderate.

The graphs below show the mean ICMi values for HG and GM calculated by simple averaging of the ICMi values for those MS with data for the individual river types. The ±5% tolerance bands are also shown. The individual MS values are shown as points. No further harmonisation is deemed to be required if these data points fall within the ±5% tolerance bands.

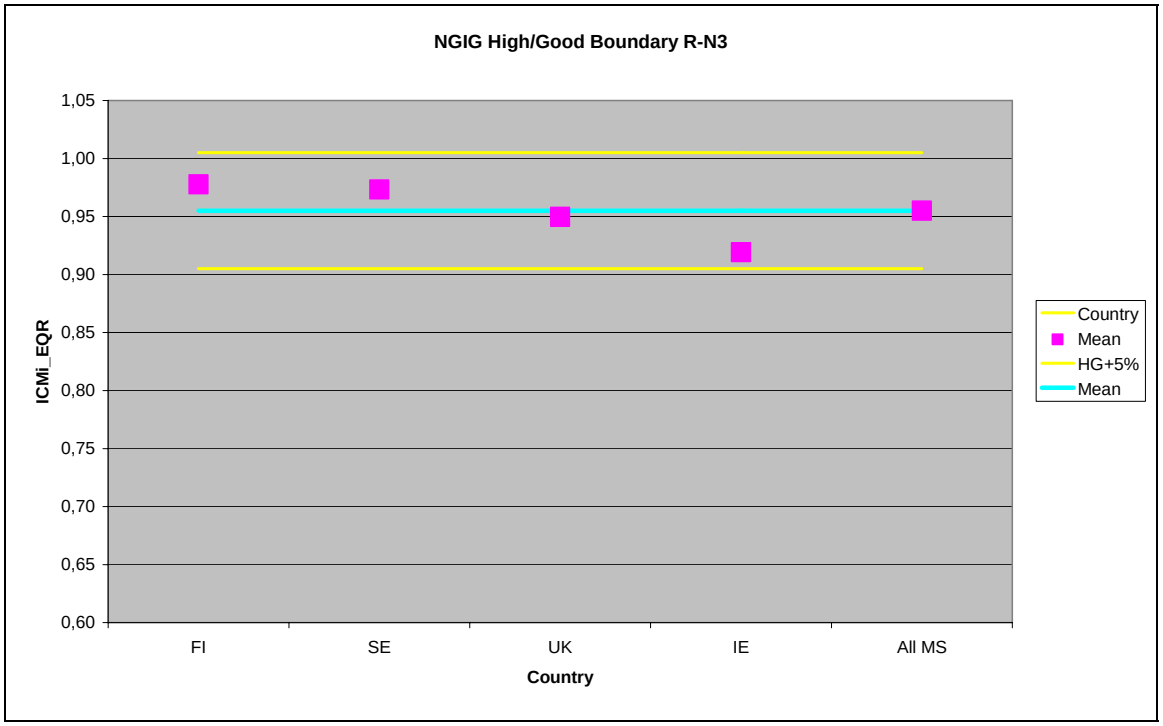
Type RN1

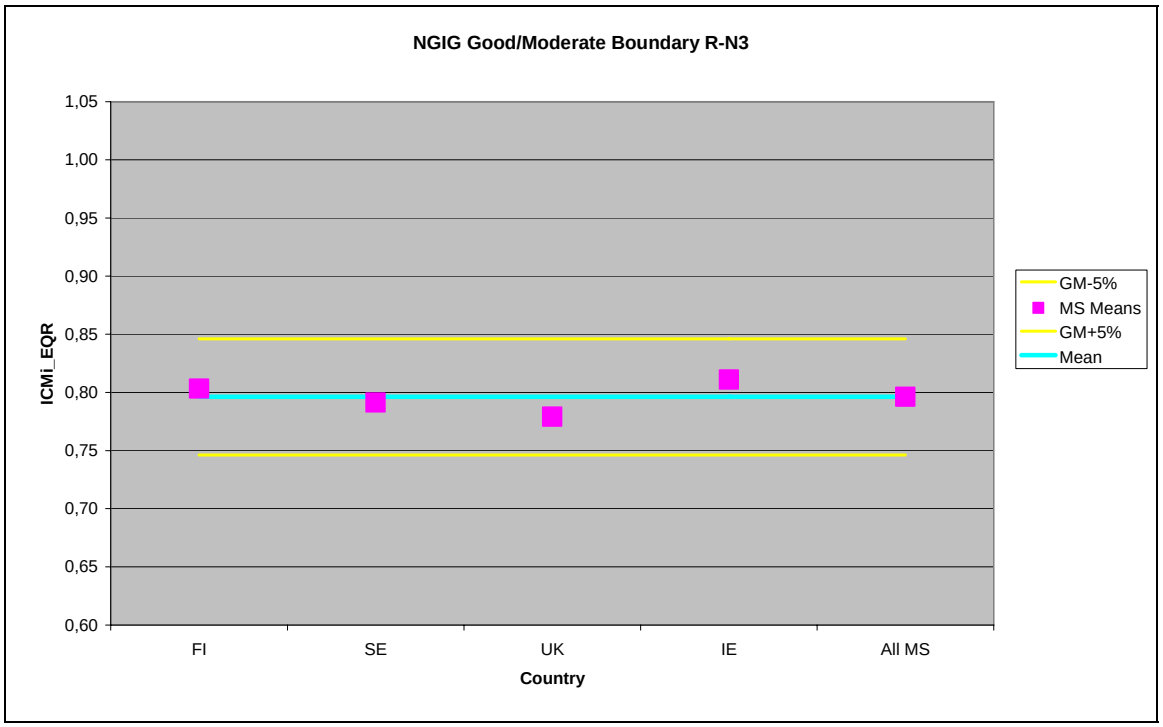



NGIG R-N1 GOOD-MODERATE BOUNDARY
1,10
1,00
0,90
0,80
0,70
0,60
ICMi
NO
UK
IE
All Grps
Country
HG-5%
MS Mean ICMI
HG+5%
Mean

Method 1

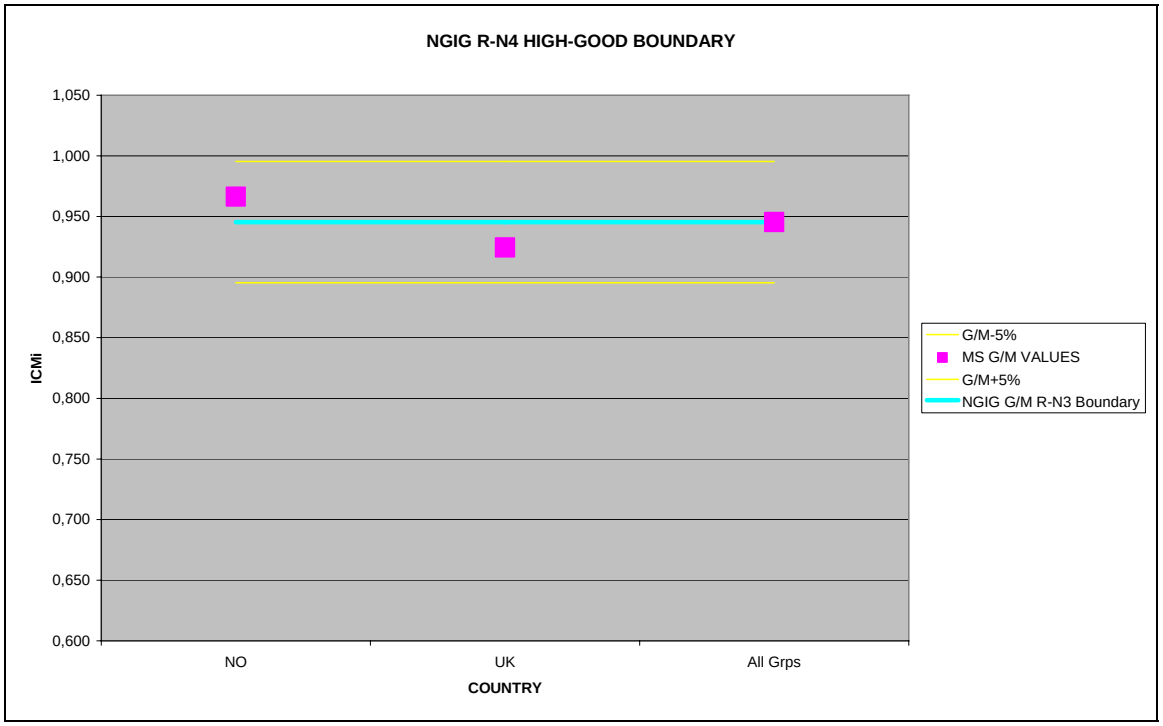
Type RN3

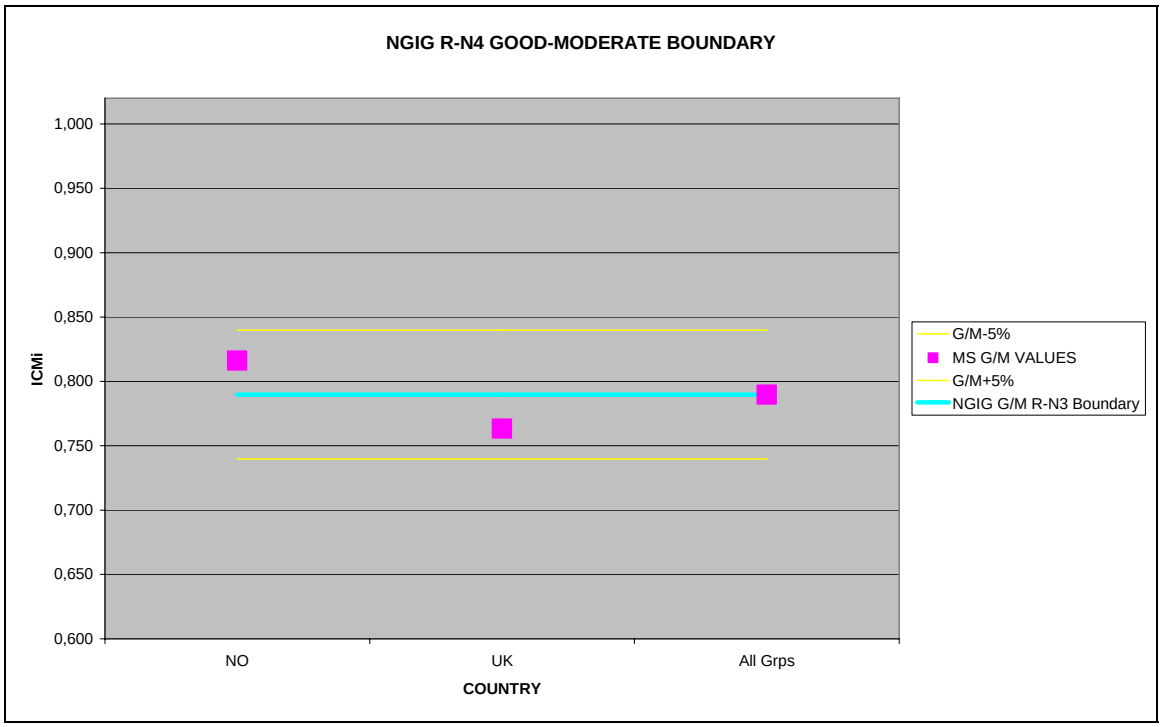




Method 1

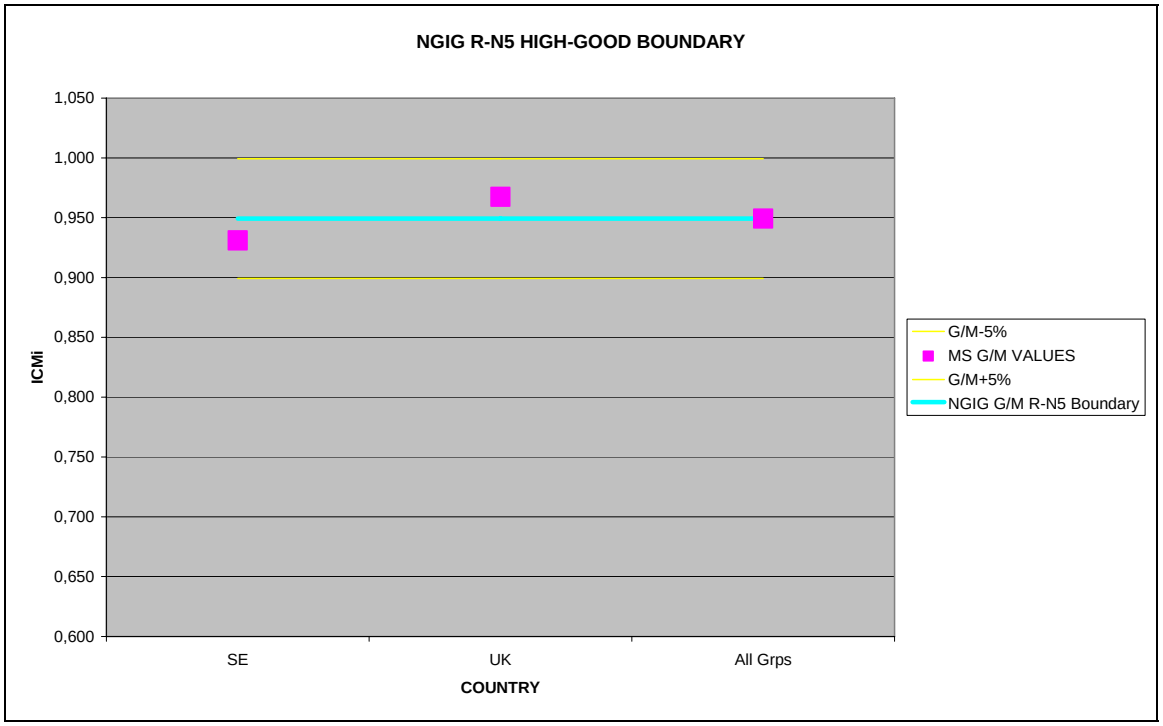
Type RN4

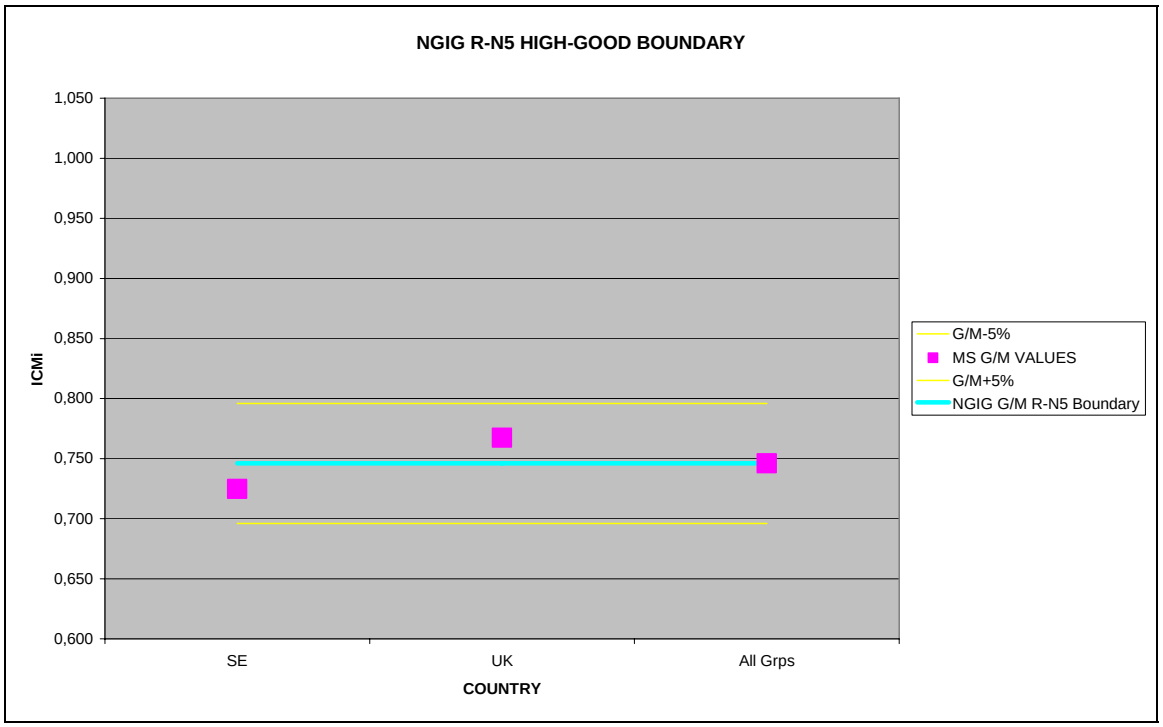




Method 1

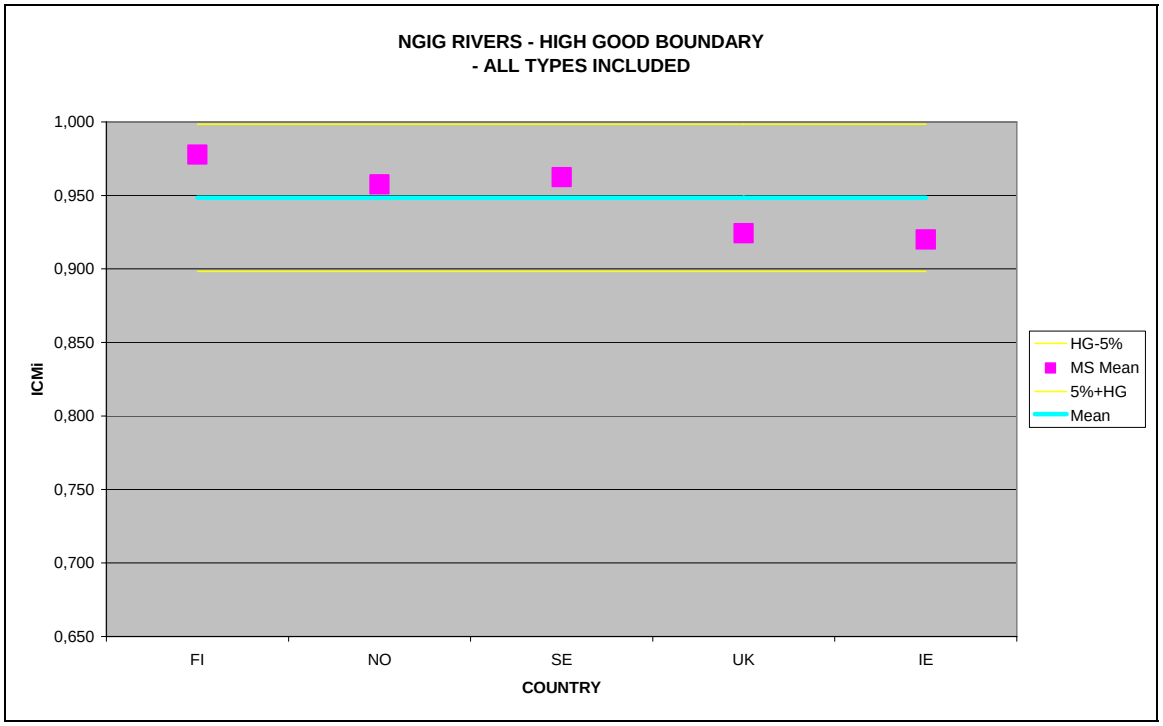
Type RN5

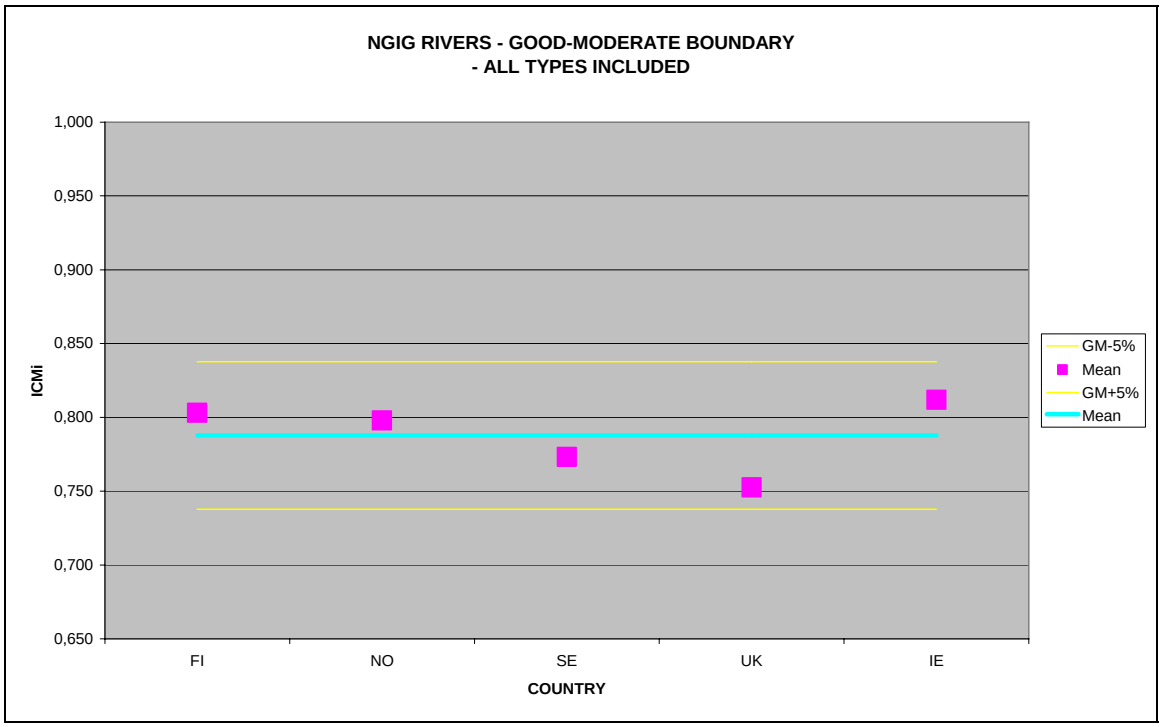




Method 1

All types



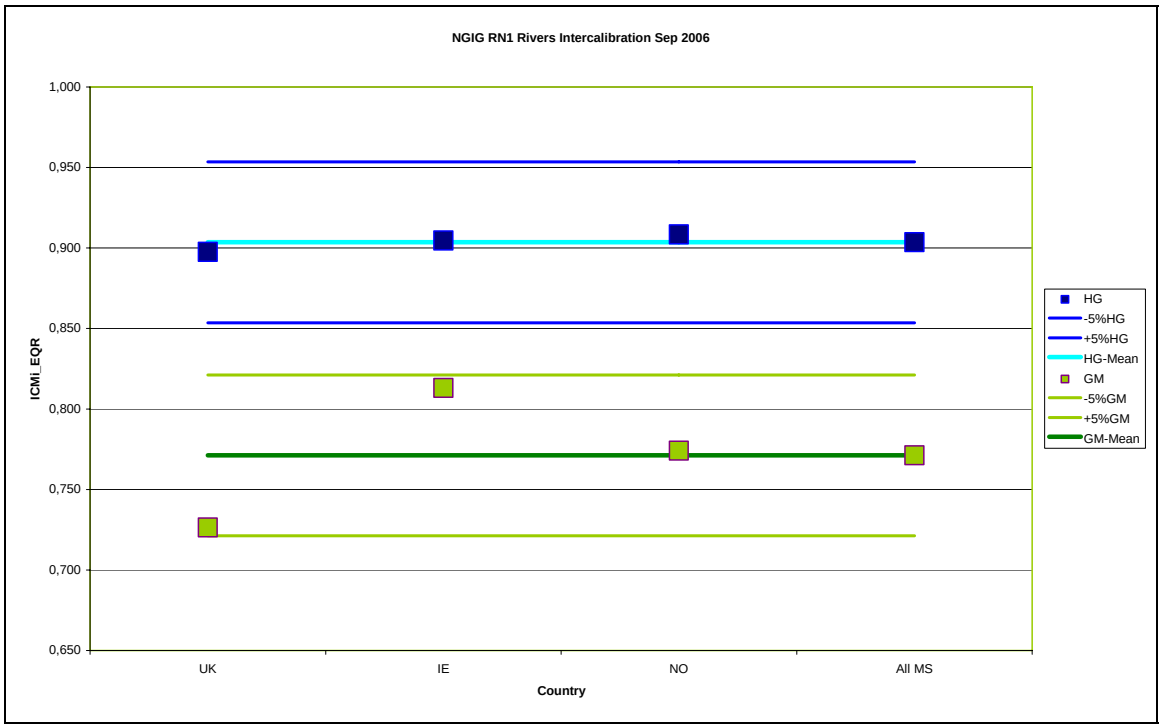


Method 2 – Comparison with CBGIG method

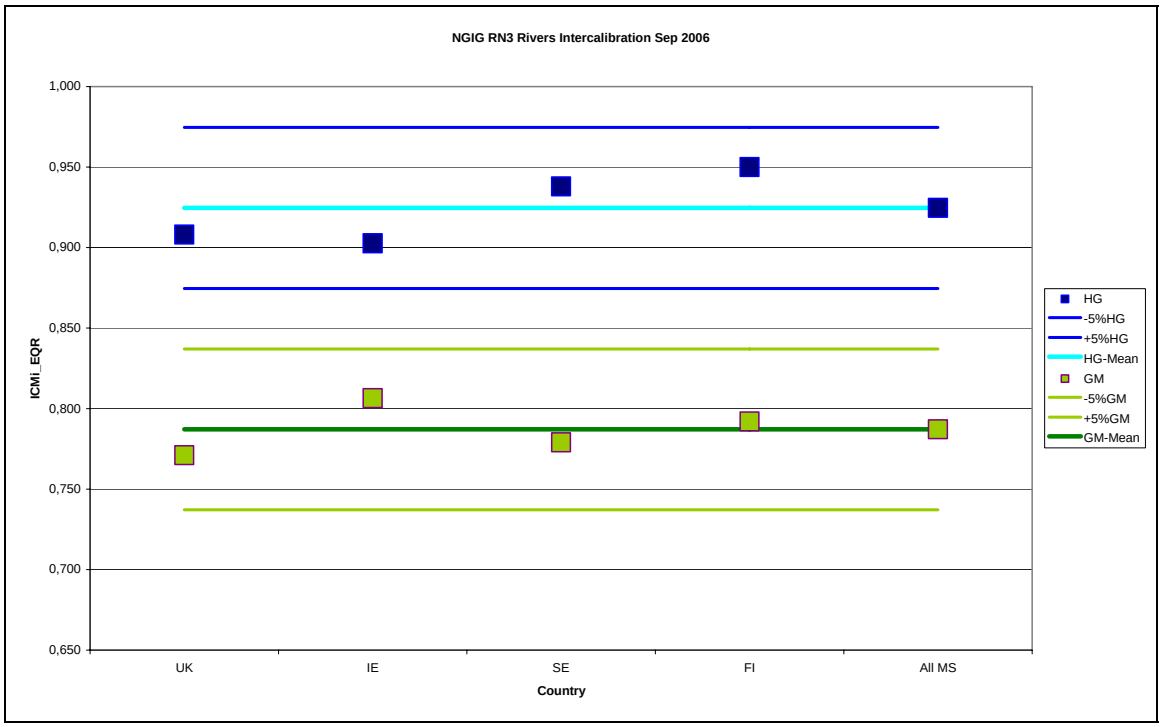
The High/Good (HG) and Good/Moderate (GM) Boundaries for each Member State (MS) within each NGIG river type is calculated from the MS regression equation relating status to ICMi.

The graphs below show the mean ICMi values for HG and GM calculated by simple averaging of the ICMi values for those MS with data for the individual river types. The ±5% tolerance bands are also shown. The individual MS values are shown as points. No further harmonisation is deemed to be required if these data points fall within the ±5% tolerance bands.

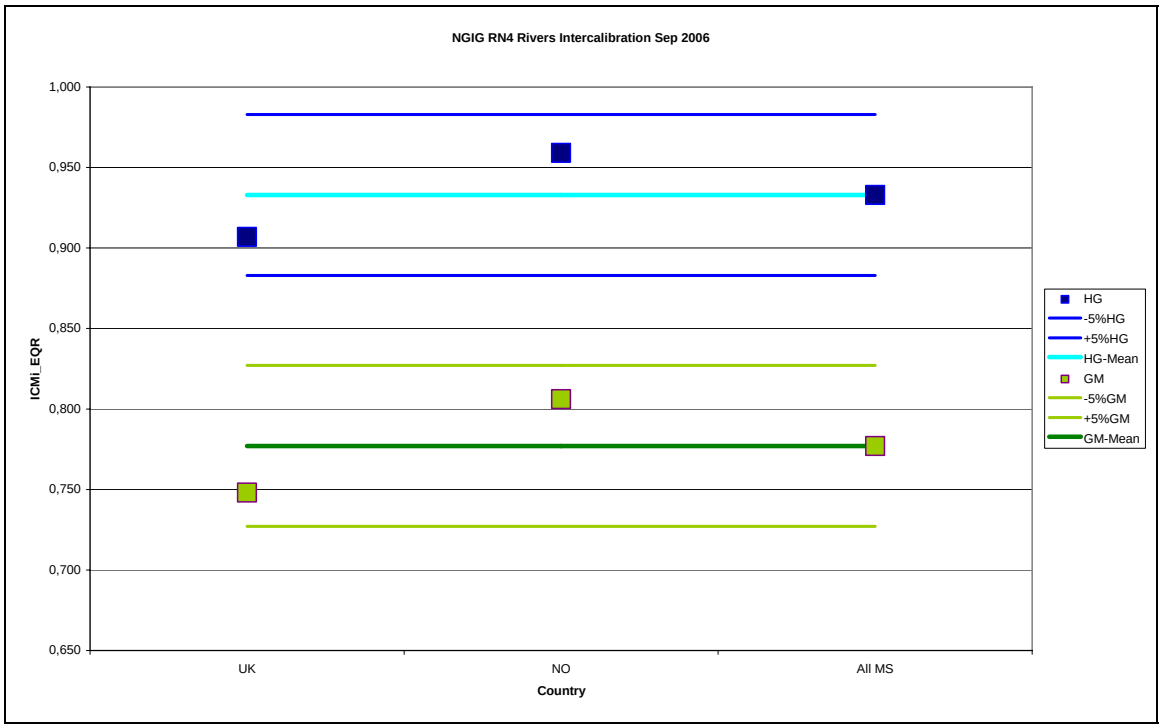
Type RN1



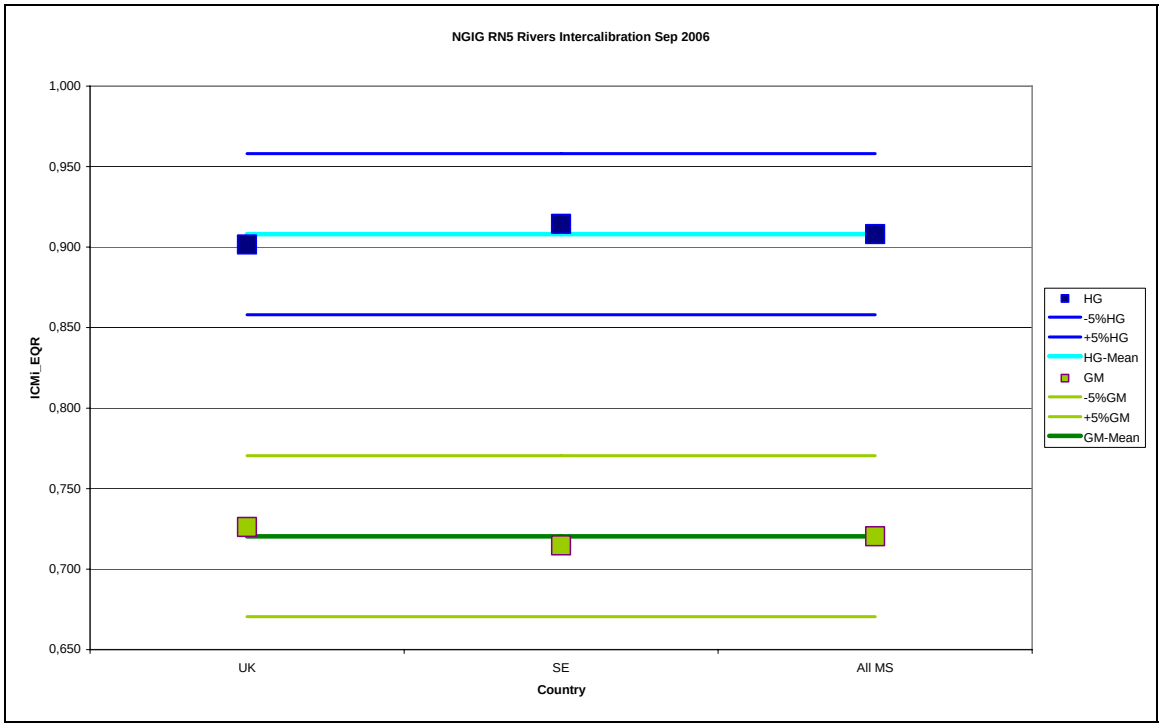
Method 2
Type RN3


NGIG RN3 Rivers Intercalibration Sep 2006
1,000
0,950
0,900
0,850
0,800
0,750
0,700
0,650
ICMi_EQR
UK
IE
SE
FI
All MS
Country
HG
-5%HG
+5%HG
HG-Mean
GM
-5%GM
+5%GM
GM-Mean

Method 2
Type RN4



Method 2
Type RN5



Method 2

All types