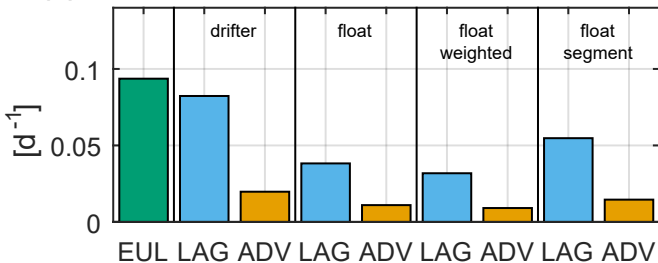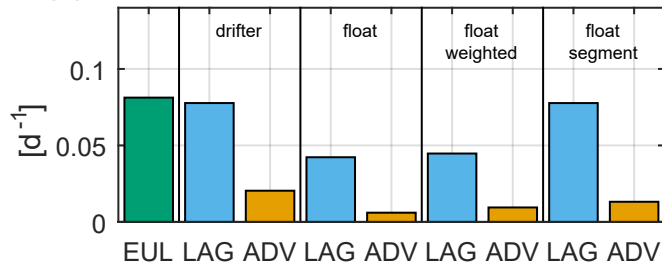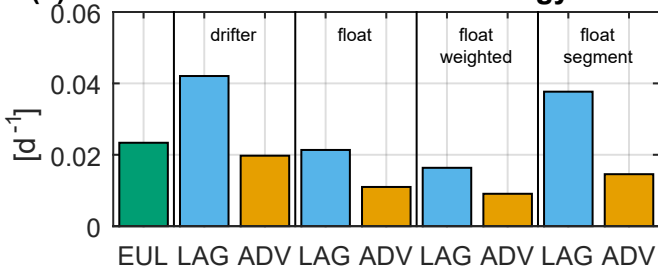**(a) metbio003d host bin -- smoothed subtrahend**

(b) metbio010d host bin -- smoothed subtrahend

(c) metbio003d host bin -- climatology subtrahend

(d) metbio010d host bin -- climatology subtrahend