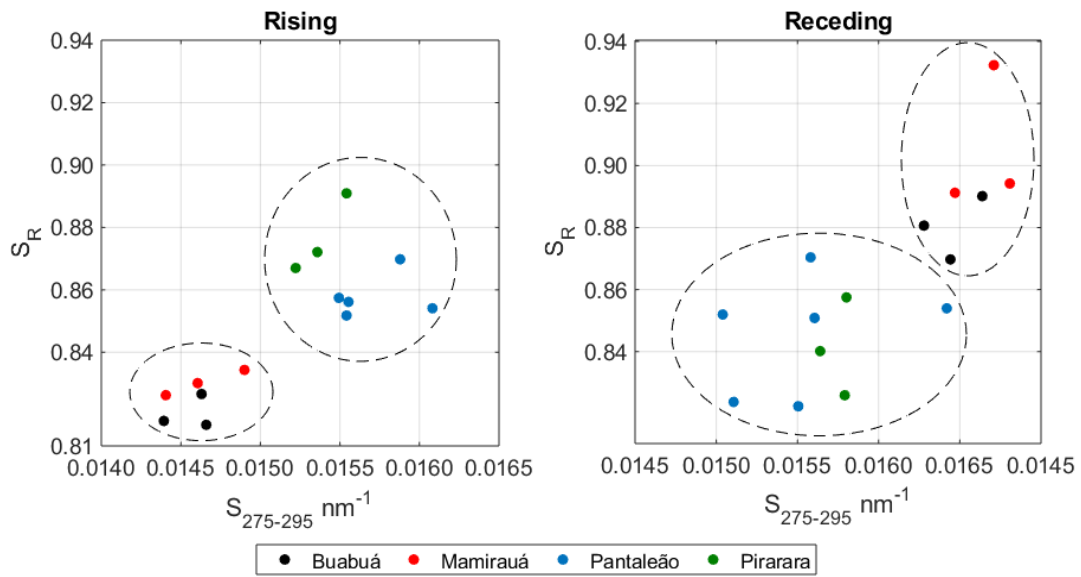
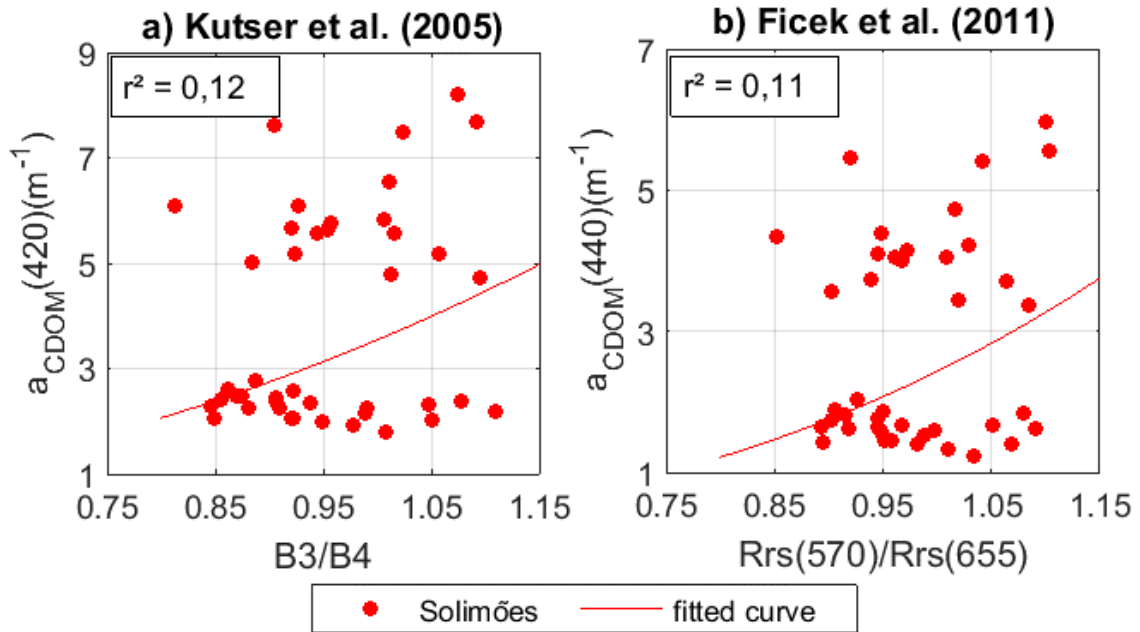
1 Supplementary material

2

3 **S.1 – Scatter plot of average SR and S275-295 at each hydrograph phase (rising and receding) and in all lakes.**

4 **The dotted ellipsis represents the two groups identified.**

5
6 **S.2 - Regression between the band ratio proposed by KUTSER et al. (2005) and aCDOM (420) and b)**

7 **wavelength ratio proposed by FICEK et al. (2011) and aCDOM (440).**

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