

**Figure. S1**  $C_{\rm D10n}$  as a function of  $A_{\rm Img}$  for the (a) ACSE (n = 416) and (b) AO2016 (n = 126) datasets. In each panel, the proposed parameterizations (black lines) are presented with the L2015 form anchored at the values of  $C_{\rm D10nw}$  ( $A_{\rm Img}$  = 0) and  $C_{\rm D10ni}$  ( $A_{\rm Img}$  > 0.8) from the data shown in the respective panels with coefficients  $\beta$  and  $c_{\rm e}$  shown in Table 1, while the red line shows the fit to the joint dataset as in Figure 8 (P2021-L2015).