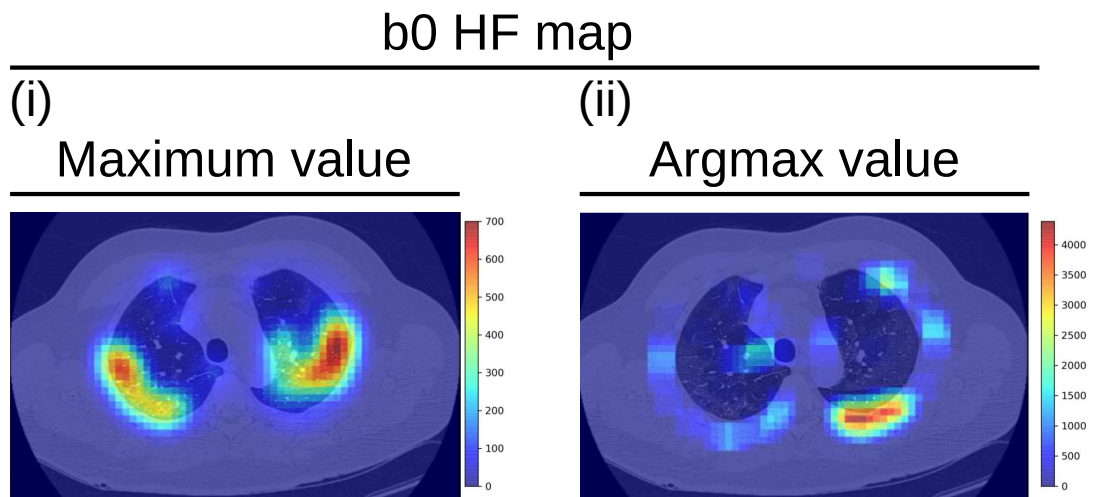


(a)



(b)



Online Resource 2. Preliminary validation of the effective HP-based statistical value on generating the HF map. (a) depicts an example CT image we used for the validation. Red circles indicate fibrotic lesions. (b) represents the results of the validation. (i) and (ii) were generated with the maximum value and the argmax value, respectively. According to this validation, it has been demonstrated that the b0 HF map generated with the maximum value of HP is more suitable for quantifying the fibrotic lesions in the CT image than with the argmax values. Abbreviations: HP, homology-profile; HF, homology-based feature; and CT, computed tomography.