

Diffuse reflectance spectroscopy for accurate margin assessment in breast-conserving surgeries: importance of an optimal number of fibers: supplement

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Diffuse Reflectance Spectroscopy for Accurate Margin Assessment in Breast-Conserving Surgeries: Importance of Optimal Number of Fibers: supplemental document

This document provides supplementary information to "Diffuse Reflectance Spectroscopy for Accurate Margin Assessment in Breast-Conserving Surgeries: Importance of Optimal Number of Fibers".

1. EFFECT OF TUMOR PERCENTAGE ON CLASSIFICATION PERFORMANCE

Table S1. Sensitivity and specificity of all classification models.

Number of fibers	TTP 10%		TTP 20%		TTP 30%		TTP 40%	
	Sensitivity (SD)	Specificity (SD)	Sensitivity (SD)	Specificity (SD)	Sensitivity (SD)	Specificity (SD)	Sensitivity (SD)	Specificity (SD)
1	85% (0.079)	54% (0.630)	80% (0.0011)	50% (0.340)	87% (0.100)	51% (0.700)	88% (0.140)	64% (1.27)
2	86% (0.130)	71% (0.310)	81% (0.0011)	51% (0.740)	83% (0.140)	61% (0.850)	89% (0.140)	57% (1.27)
3	88% (0.228)	85% (0.430)	90% (0.0001)	73% (0.800)	91% (0.001)	69% (0.880)	91% (0.001)	78% (1.04)
4	88% (0.456)	86% (0.710)	92% (0.0012)	80% (0.800)	91% (0.001)	75% (1.07)	92% (0.001)	78% (1.27)
5	93% (0.790)	67% (0.430)	93% (0.0001)	75% (0.800)	93% (0.001)	71% (1.07)	92% (0.001)	76% (1.27)

TTP: Tumor Threshold Percentage