

<b>Supplementary Table S1. Ground truth</b>				
<b>CNN</b>	<b>Excluded features</b>	<b>Total area of the training regions</b>	<b>Total Area of the annotated region</b>	<b>Total number of images used</b>
Epithelioid histotype	White background, blood vessels, lymphoid aggregates, tissue artefacts	30.413	13.482 mm <sup>2</sup>	16
Sarcomatoid histotype	White background, blood vessels, lymphoid aggregates, tissue artefacts		14.318 mm <sup>2</sup>	10
Transitional subtype	White background, blood vessels, lymphoid aggregates, tissue artefacts		2.613 mm <sup>2</sup>	8
<i>Abbreviations:</i> CNN, convolutional neural network.				

<b>Supplementary Table S2. CNN details (Aiforia model hyperparameters)</b>		
		<b>CNN: Mesothelioma</b>
<b>Classes</b>	Epithelioid, sarcomatoid, transitional	
<b>Type (semantic segmentation)</b>	Region	
<b>Complexity</b>	Extra Complex	
<b>Field of View</b>	200 $\mu m$	
<b>Training parameters</b>	<b>Weight decay</b>	0.0001
	<b>Mini-batch size</b>	16
	<b>Mini-batches per iteration</b>	20
	<b>Iterations Without progress</b>	default
	<b>Initial learning rate</b>	1
<b>Image augmentation</b>	<b>Scale (min/max)</b>	(-10 10)
	<b>Aspect ratio</b>	1
	<b>Maximum shear</b>	1
	<b>Luminance (min/max)</b>	(-10 10)
	<b>Contrast (min/max)</b>	(-10 10)
	<b>Max with balance change</b>	1
	<b>Noise</b>	0
<i>Abbreviations:</i> CNN, convolutional neural network.		