

	config. A	config. B	config. C	config. D	config. E
Sample	PAT1	PAT1	PAT1	PAT1	PAT1
ROI	GTV-1	GTV-1	GTV-1	GTV-1	GTV-1
Approach	2D	2D	3D	3D	3D
Interpolation	no	yes	yes	yes	yes
Voxel dimension (mm)		2×2	$2 \times 2 \times 2$	$2 \times 2 \times 2$	$2 \times 2 \times 2$
Interpolation method		bilinear	trilinear	trilinear	tricubic spline
Grey level rounding		nearest integer	nearest integer	nearest integer	nearest integer
ROI interp. method		bilinear	trilinear	trilinear	trilinear
ROI partial volume		0.5	0.5	0.5	0.5
Re-segmentation					
Range (HU)	$[-500, 400]$	$[-500, 400]$	$[-1000, 400]$	no	$[-1000, 400]$
Outliers	no	no	no	3σ	3σ
Discretisation					
Texture and IH	FBS: 25 HU	FBN: 32 bins	FBS: 25 HU	FBN: 32 bins	FBN: 32 bins
IVH	no	no	FBS: 2.5 HU	no	FBN: 1000 bins

Table 5.1 | Different configurations for image processing. For details, refer to the corresponding sections in chapter 2. ROI: region of interest; HU: Hounsfield Unit; IH: intensity histogram; FBS: fixed bin size; FBN: fixed bin number; IVH: intensity-volume histogram; NA: not applicable.