Image volume or structure delineation name	Data type	Defined in the base part of the dataset (435 patients)	Defined in extended part dataset (35 patients)	Defined in geometry	DL generated by commercial software or nnUNet	Clinically verified. (If DL generated it was potentially edited in the clinical workflow)	Folder location (multiple if defined in multiple geometries)	Corresponding file name	Description
MRI original	NIfTI	Yes	Yes	MRI	No	Yes	/Patient/MR_StorT2	image.nii.gz	MRI original volume acquired from MRI scanner.
MRI fiducial marker positions	NIfTI	Yes	Yes	MRI	No	Yes	/Patient/MR_StorT2	mask_MRI_T2_coords_fiducials.nii.gz	Mask with 3 mm radius spheres around each fiducial marker center of mass point.
MRI fiducial marker positions	Txt	Yes	Yes	MRI	No	Yes	/Patient/MR_StorT2	MRI_T2_DICOM_coords_fiducials.txt	Fiducial marker center of mass point in MRI DICOM coordinates.
sCT original	NIfTI	Yes	Yes	sCT	Yes	Yes	/Patient/sCT	image.nii.gz	sCT original volume created from original MRI volume using Spectronic MriPlanner.
sCT registered and resampled to MRI volume	NIfTI	Yes	Yes	MRI	No	No	/Patient/sCT	image_reg2MRI.nii.gz	sCT registered and resampled to MRI volume. sCT warning text removed.
Dose distribution original	NIfTI	Yes	Yes	sCT but not resampled to sCT voxel size	No	Yes	/Patient/sCT	dose_original.nii.gz	Original dose matrix with clinical voxel size
Dose distribution registered and resampled to sCT	NIfTI	Yes	Yes	sCT	No	No	/Patient/sCT	dose_interpolated.nii.gz	Interpolated and resampled dose distribution matrix to sCT geometry and voxel size.
Dose distribution registered and resampled to MRI	NIfTI	Yes	Yes	MRI	No	No	/Patient/MR_StorT2	dose_interpolated.nii.gz	Interpolated and resampled dose distribution matrix to MRI geometry.
Bladder	NIfTI	Yes	Yes	MRI and sCT	Yes	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_Bladder.nii.gz	Bladder delineation. Originally created from Spectronic MriPlanner.
BODY	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_BODY.nii.gz	Body contour delineation. Automatically created by the treatment planning system Eclipse.
CTVT_427	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_CTVT_427.nii.gz	Clinical prostate target volume (CTV), prescribed total dose of 42.7 Gy, delineated by an oncologist.
CTVT_427_nnUnet_fold_n	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput/folds	mask_CTVT_427_nnUNet_fold_n.nii.gz	nnUNet prostate segmentation from fold n (n=0:9).
CTVT_427_nnUnet	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput	mask_CTVT_427_nnUNet.nii.gz	Final nnUNet prostate segmentation.
CTVT_427_nnUNet_uncertaintyMap	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput	mask_CTVT_427_nnUNet_uncertaintyMap.nii.gz	nnUNet prostate segmentation uncertainty map.

CTVT_427_step1_obsN	NIfTI	No	Yes	MRI	No	No	/Patient/MR_StorT2/observerData	mask_CTVT_427_step1_obsN.nii.gz	nnUNet prostate CTVT_427 structure after editing without uncertainty map in step1, obsB-obsE.
CTVT_427_step2_obsN	NIfTI	No	Yes	MRI	No	No	/Patient/MR_StorT2/observerData	mask_CTVT_427_step2_obsN.nii.gz	nnUNet prostate CTVT_427 structure after editing with uncertainty map in step2, obsB-obsE.
FemoralHead_R	NIfTI	Yes	Yes	MRI and sCT	Yes	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_FemoralHead_R.nii.gz	Femoral head delineation, patient right side.
FemoralHead_L	NIfTI	Yes	Yes	MRI and sCT	Yes	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_FemoralHead_L.nii.gz	Femoral head delineation, patient left side.
Genitalia	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_Genitalia.nii.gz	Genitalia delineation.
PenileBulb	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_PenileBulb.nii.gz	Penile bulb delineation.
PTVT_427	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_PTVT_427.nii.gz	Planning target volume (PTV). This is prostate CTV with added margin to account for error sources in radiotherapy treatment.
Rectum	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_Rectum.nii.gz	Rectum delineation.
Rectum_nnUnet_fold_n	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput/folds	mask_Rectum_nnUNet_fold_n.nii.gz	nnUNet rectum segmentation from fold n (n=0:9).
Rectum_nnUNet	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput	mask_Rectum_nnUNet.nii.gz	Final nnUNet rectum segmentation.
Rectum_nnUNet_uncertaintyMap	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput	mask_Rectum_nnUNet_uncertaintyMap.nii.gz	nnUNet rectum segmentation uncertainty map.
Rectum_step1_obsN	NIfTI	No	Yes	MRI	No	No	/Patient/MR_StorT2/observerData	mask_Rectum_step1_obsN.nii.gz	nnUNet rectum structure after editing without uncertainty map in step1, obsB-obsE
Rectum_step2_obsN	NIfTI	No	Yes	MRI	No	No	/Patient/MR_StorT2/observerData	mask_Rectum_step2_obsN.nii.gz	nnUNet rectum structure after editing with uncertainty map in step2, obsB-obsE