Image volume or organ segmentation 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 text file	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 segmentation. Originally created from Spectronic MriPlanner and manually adjusted when required.
BODY	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_BODY.nii.gz	Body contour segmentation. Automatically created in 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, manually segmented 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 CTV 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 CTV segmentation.
CTVT_427_nnUNet_uncertaintyMap	NIfTI	No	Yes	MRI	Yes	No	/Patient/MR_StorT2/nnUNetOutput	mask_CTVT_427_nnUNet_uncertaintyMap.nii.gz	nnUNet prostate CTV 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 segmentation 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 segmentation 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 segmentation, 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 segmentation, patient left side.
Genitalia	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_Genitalia.nii.gz	Genitalia segmentation.
PenileBulb	NIfTI	Yes	Yes	MRI and sCT	No	Yes	/Patient/MR_StorT2 /Patient/sCT	mask_PenileBulb.nii.gz	Penile bulb segmentation.
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 the prostate CTV with added 7 mm isotropic 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 segmentation.
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 segmentation 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 segmentation after editing with uncertainty map in step2, obsB-obsE