Table 1: Summary of challenges on MICCAI 2022.

| Name | Regions | Number of annotated classes | Tasks | Imaging | Training, val. and testing or labeled and unlabeled | Website |
|---|---|---|---|---|---|---|
| AMOS | Abdomen | 15 | 1: Segmentation of abdominal organs (CT only)<br>2: Segmentation of abdominal organs (CT and MRI) | CT and MRI | labeled 500 CT and 100 MRI | https://amos22.grand-challenge.org/ |
| FLARE 2022 | Abdomen | 13 | A semi-supervised setting that focuses on how to use unlabeled data | CT | labeled:50, unlabeled:2000<br>validation:50, testing:200 | https://flare22.grand-challenge.org/ |
| HECKTOR 2022 | Head and Neck | 2 | 1: Tumor (GTVt) and lymph nodes (GTVn) segmentation<br>2: Progression-free survival (PFS) prediction | FDG-PET/CT | training:725<br>testing:660 | https://hecktor.grand-challenge.org/ |
| LAScarQS 2022 | Heart | 2 | 1: Left atrial scar quantification from LGE MRIs<br>2: Left atrial segmentation from multi-center LGE MRIs | LGE MRI | 60 training and 34 testing LGE MRIs for Task 1<br>140 training and 64 testing LGE MRIs for Task 2 | https://zmiclab.github.io/projects/lascarqs22/data.html |
| MELA | Mediastinum | 1 bounding box for each lesion region | Automatically detect mediastinal lesions | CT | training:770, validation:110, and testing: 220 | https://mela.grand-challenge.org/ |
| Parse2022 | Lung | 1 | Segmentation artery in 3D pulmonary CT image | CT | training:100, validation:30, testing:70 | https://parse2022.grand-challenge.org/ |