|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset** | **No. of Cases** | **Image Type** | **Tumor** | | | | | | **Mask** | **Other Comments** |
| **H / L** | **Type** | **Grade** | **Amount** | **Total** | |
| TCGA-GBM | 260 | MR, CT, DX | HGG | Glioblastoma Multiform | 4 | 260 | 260 | | No | pre- and post-  operative scans;  not every case has four type volumes (flair, t1, t1Gd, t2);  no tumor mask |
| TCGA-LGG | 197 | MR, CT | LGG | Astrocytoma | 2 | 20 | 64 | 197 | No |
| Astrocytoma | 3 | 44 |
| Oligodendroglioma | 2 | 51 | 86 |
| Oligodendroglioma | 3 | 35 |
| Oligoastrocytoma | 2 | 29 | 47 |
| Oligoastrocytoma | 3 | 17 |
| Oligoastrocytoma | Unknown | 1 |
| BraTS2017 | 167\* | MR | HGG | Glioblastoma Multiform | 4 | 102 | 102 | 167 | Yes | only pre-operative scans;  every case has four type volumes (flair, t1, t1Gd, t2);  has tumor mask |
| LGG | Astrocytoma | 2 | 6 | 65 |
| Astrocytoma | 3 | 15 |
| Oligodendroglioma | 2 | 15 |
| Oligodendroglioma | 3 | 11 |
| Oligoastrocytoma | 2 | 7 |
| Oligoastrocytoma | 3 | 10 |
| Oligoastrocytoma | Unknown | 1 |

\* Training set

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tumors in**  **BraTS2017** | **Grade** | **Amount** | **Mirror** | **Comment** |  | **Tumors in**  **BraTS2017** | **Type** | **Amount** | **Mirror** | **Comment** |
| 2 | 28 | 112 | horizontal, vertical and axisymmetric mirror |  | Glioblastoma Multiform | 102 | 102 | no mirror |
| Astrocytoma | 21 | 84 | horizontal, vertical and axisymmetric mirror |
| 3 | 36 | 108 | horizontal and vertical mirror |  | Oligodendroglioma | 26 | 104 |
| 4 | 102 | 102 | no mirror |  | Oligoastrocytoma | 18 | 72 |