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Supplemental information

Deep learning-based hyperspectral image correction and unmixing for brain tumor surgery

David Black, Jaidev Gill, Andrew Xie, Benoit Liquet, Antonio Di Ieva, Walter Stummer, and Eric Suero Molina

Supplemental Table S1: Human Brain Tissue

| Category | # of Data Cubes | # of Patients |
|-----------------------------------|------------------------|----------------------|
| <i>Tissue Type</i> | 632 | 130 |
| Pilocytic Astrocytoma | 5 | 2 |
| Diffuse Astrocytoma | 60 | 17 |
| Anaplastic Astrocytoma | 51 | 10 |
| Glioblastoma | 415 | 77 |
| Grade II Oligodendroglioma | 24 | 5 |
| Ganglioglioma | 4 | 2 |
| Medulloblastoma | 6 | 2 |
| Anaplastic Ependymoma | 8 | 2 |
| Anaplastic Oligodendroglioma | 4 | 1 |
| Meningioma | 37 | 8 |
| Metastasis | 6 | 2 |
| Radiation Necrosis | 20 | 4 |
| | | |
| <i>Margins (Gliomas)</i> | 288 | 67 |
| Reactively altered brain tissue | 100 | 22 |
| Infiltrating zone | 57 | 18 |
| Solid tumor | 131 | 27 |
| | | |
| <i>WHO Grade (Gliomas)</i> | 571 | 119 |
| Grade I | 9 | 3 |
| Grade II | 84 | 20 |
| Grade III | 57 | 15 |
| Grade IV | 421 | 81 |
| | | |
| <i>IDH Classification</i> | 411 | 76 |
| Mutant | 126 | 26 |
| Wildtype | 285 | 50 |