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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| dataset\_id | type\_of\_query | omic\_type | cancer\_type | cohort\_size | normalized | Log\_transformed | Sample\_type | Technology | Patients metadata | Ground Truth | number\_of\_cell\_types |
| DT1 | All cell types | Transcriptome | Pancreatic adenocarcinoma | 30 | Yes | Yes | Mixed + in silico mixture | Bulk sequencing | No | simulation | 5 |
| DT2 | All cell types | Methylome | Pancreatic adenocarcinoma | 30 | Yes | NA | Mixed + in silico mixture | Bulk array | No | simulation | 5 |
| DT3 | Immune cell types | Transcriptome | Colorectal cancer | 12 | Yes | Yes | Mixed + in silico mixture | Bulk sequencing | No | simulation | 6 |
| DT4 | All cell types | Methylome | Lung Adenocarcinoma | 30 | NA | NA | In silico mixture of cell lines and primary cells | Bulk array | Yes | simulation | 5 |
| DT5 | All cell types | Methylome | Lung Adenocarcinoma | 100 | NA | NA | In silico mixture of cell lines and primary cells | Bulk array | Yes | simulation | 5 |
| DT6 | All cell types | Transcriptome | Breast Cancer | 32 | Yes | Yes | In vitro mixture of cell lines | Bulk sequencing | No | In vitro | 4 |
| DT7 | All cell types | Transcriptome | Breast Cancer | 30 | Yes | Yes | In silico mixture of cell lines and primary cells | Bulk sequencing | No | simulation | 4 |
| DT8 | All cell types | Methylome | Breast Cancer | 30 | Yes | Yes | In silico mixture of cell lines and primary cells | Bulk array | No | simulation | 4 |