

|                         |              | Phenotypes |            |            |           |
|-------------------------|--------------|------------|------------|------------|-----------|
|                         | Patients (n) | CD         | UC         | nonIBD     | IBD       |
| 1000 IBD                | 355          | 206        | 126        | 0          | 23        |
| Federici et al., (2022) | 537          | 120        | 188        | 229        | 0         |
| HMP1                    | 140          | 0          | 0          | 140        | 0         |
| HMP2                    | 93           | 0          | 0          | 93         | 0         |
| HMP3                    | 89           | 0          | 0          | 89         | 0         |
| IBDMDB                  | 121          | 62         | 35         | 24         | 0         |
| HMP2 Pilot              | 117          | 59         | 34         | 24         | 0         |
| IBDMDB2                 | 106          | 50         | 30         | 26         | 0         |
| Lewis (2015)            | 113          | 87         | 0          | 26         | 0         |
| MetaHit                 | 124          | 4          | 21         | 99         | 0         |
| MetaHit2                | 271          | 13         | 69         | 189        | 0         |
| LLDeep                  | 22           | 0          | 0          | 22         | 0         |
| PRISM                   | 155          | 68         | 53         | 34         | 0         |
| <b>Total</b>            | <b>2243</b>  | <b>669</b> | <b>556</b> | <b>995</b> | <b>23</b> |