Supplementary File: comparison of different models obtained via numerous integration techniques

Table1: Healthy AM

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Integration Method | Number of metabolites | Number of reactions | Number of reactions carrying fluxes | Number of pathways |
| iMAT | 3967 | 4554 | 3990 | 106 |
| E-flux | 5380 | 8073 | 5064 | 132 |
| INIT | 6008 | 8412 | 4552 | 116 |
| mCADRE | 3288 | 3753 | 1191 | 64 |

Table2 :M1 phase

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Integration Method | Number of metabolites | Number of reactions | Number of reactions carrying fluxes | Number of pathways |
| iMAT | 3244 | 4038 | 3563 | 109 |
| E-flux | 5602 | 8212 | 8204 | 132 |
| INIT | 6124 | 8508 | 4775 | 117 |
| mCADRE | 3287 | 3844 | 1191 | 64 |

Table 3: M2 phase

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Integration Method | Number of metabolites | Number of reactions | Number of reactions carrying fluxes | Number of pathways |
| iMAT | 3884 | 4924 | 4742 | 108 |
| E-flux | 5936 | 8483 | 8084 | 132 |
| INIT | 6035 | 8638 | 4926 | 115 |
| mCADRE | 3247 | 3651 | 1038 | 60 |

Figure 1:

