

| Case    | GPP<br>(Pg C year <sup>-1</sup> ) | $\Delta$ GPP to magCO2<br>(Pg C year <sup>-1</sup> ) | NBP<br>(Pg C year <sup>-1</sup> ) | $\Delta$ NBP to magCO2<br>(Pg C year <sup>-1</sup> ) |
|---------|-----------------------------------|------------------------------------------------------|-----------------------------------|------------------------------------------------------|
| 3hCO2   | 127.545                           | -0.461                                               | 0.527                             | -0.093                                               |
| dCO2    | 128.038                           | 0.031                                                | 0.626                             | 0.007                                                |
| mCO2    | 128.040                           | 0.033                                                | 0.627                             | 0.007                                                |
| maCO2   | 128.059                           | 0.052                                                | 0.632                             | 0.012                                                |
| magCO2  | 128.007                           | -                                                    | 0.620                             | -                                                    |
| magtCO2 | 128.004                           | -0.003                                               | 0.618                             | -0.001                                               |
| cCO2    | 128.082                           | 0.075                                                | 0.616                             | -0.004                                               |