**Table 1. Descriptive statistics of the case study metadata**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **q\_zeros** | **p\_zeros** | **q\_na** | **p\_na** | **q\_inf** | **p\_inf** | **type** | **Frequency** |
| SampleID | 0 | 0.00 | 0 | 0 | 0 | 0 | character | 360 |
| Group | 0 | 0.00 | 0 | 0 | 0 | 0 | character | 360 |
| Sex | 0 | 0.00 | 0 | 0 | 0 | 0 | character | 2 |
| Time | 0 | 0.00 | 0 | 0 | 0 | 0 | character | 2 |
| DPW | 12 | 3.33 | 0 | 0 | 0 | 0 | integer | 35 |
| DayID | 0 | 0.00 | 0 | 0 | 0 | 0 | character | 35 |
| Description | 0 | 0.00 | 0 | 0 | 0 | 0 | character | 1 |

Key: **q\_zeros**: quantity of zeros or missing data; **q\_na**: quantity of NA; **q\_inf**: quantity of infinite values; **type**: factor, character, integer or numeric; **unique**: quantity of unique values. The **p\_zeros, p\_na or p\_inf** are the percentages of the corresponding q values.