Supplemental Table 1. *Examples of glomerular hyperfiltration (GHF)-centered data re-sequencing*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Subject No., gender, age | | | | | | | | | | | | | | | |
| #1. Female, 58 years | | | | | | | | | | | | | | | |
|  | A. Count for the health exam visit | 1st | 2nd | | 3rd | 4th | 5th | 6th | | 7th | | 8th | | 9th | |
|  | B. Calendar day | 2005/8/25 | 2006/9/21 | | 2007/10/2 | 2008/12/10 | 2010/1/6 | 2011/2/25 | | 2012/2/17 | | 2013/3/30 | | 2014/5/1 | |
|  | C. Time from the origin, days | -1595 | -1203 | | -827 | -392 | 0 | 415 | | 772 | | 1179 | | 1576 | |
|  | D. Time from the origin, year | -4 | -3 | | -2 | -1 | 0 | 1 | | 2 | | 3 | | 4 | |
|  | E. eGFR value | 95.43 | 94.5 | | 94.06 | 93.62 | 106.96 | 99.27 | | 90.38 | | 79.67 | | 87.71 | |
|  | F. Point of GFR surge to GHF |  |  | |  |  | **↑**“Origin” |  | |  | |  | |  | |
| #2. Male, 57 years | | | | | | | | | | | | | | |
| a  a | A. Count for the health exam visit | 1st | | 2nd | 3rd | 4th | 5th | | 6th | | 7th | | 8th | |
| B. Calendar day | 2006/03/14 | | 2007/03/16 | 2008/06/24 | 2010/01/18 | 2011/01/17 | | 2012/02/06 | | 2014/03/26 | | 2015/03/04 | |
| C. Time from the origin, days | -1406 | | -1039 | -573 | 0 | 364 | | 749 | | 1528 | | 1871 | |
| D. Time from the origin, year | -4 | | -3 | -2 | 0 | 1 | | 2 | | 4 | | 5 | |
| E. eGFR value | 77.6 | | 77.22 | 88.93 | 97.92 | 83.74 | | 82.12 | | 72.74 | | 67.88 | |
| F. Point of GFR surge to GHF |  | |  |  | **↑**“Origin” |  | |  | |  | |  | |

Examples of the data re-sequencing for two subjects with incident glomerular hyperfiltration (GHF(+)). Counting for the health examination visit was shown in row A, and the corresponding calendar day was shown in row B. The initial date of eGFR exceeding the GHF criterion for his/her age was recorded as the origin (marked by the arrow in row F at the bottom). Time difference between the origin and the prior or following examination dates (shown in row C) was divided by 365 and rounded to the nearest integer, which is the sampling year (shown in row D) in the GHF-centered data presentation. In GHF(-) group, the date of the highest eGFR for him/her was treated as the origin and the date was transformed as in GHF(+) group.