Supplementary Table S1: Baseline characteristics of Analytical sample (n=925) and Overall cohort (n=2152)

| Variable                      | Analytical Sample (N=925) | Overall Cohort (n=2152) |
|-------------------------------|---------------------------|-------------------------|
| Age, y, mean                  | 81.16 ± 7.2               | 80.04 ± 7.6             |
| Female, %                     | 75 %                      | 74 %                    |
| Education, y, mean            | 14.9 ± 2.9                | 14.8 ± 3.3              |
| APO-E status, %               | 21.5 %                    | 24.0 %                  |
| Cognitive activities, mean    | 3.2 ± 0.6                 | 3.2 ± 0.7               |
| frequency                     |                           |                         |
| Physical activities, mean     | 3.4 ± 3.6                 | 3.3 ± 3.6               |
| hours/week                    |                           |                         |
Supplementary Table S2: Correlation of baseline dietary intake of strawberry, vitamin C, other bioactive i.e. including Cyanidin, Pelargonidin, total Anthocyanidins, proanthocyanidins and total flavonoid from food sources

|                      | Vitamin C | Cyanidin | Pelargonidin | Anthocyanidins | Proanthocyanidins | Total Flavonoids |
|----------------------|-----------|----------|--------------|----------------|-------------------|-----------------|
| **Strawberry Intake**| 0.25      | 0.42     | 0.94         | 0.37           | 0.39              | 0.27            |
|                      | <.0001    | <.0001   | <.0001       | <.0001         | <.0001            | <.0001          |
| **Vitamin C**        | 1.00      | 0.35     | 0.33         | 0.25           | 0.37              | 0.36            |
|                      | <.0001    | <.0001   | <.0001       | <.0001         | <.0001            | <.0001          |
| **Cyanidin**         | 1.00      | 0.49     | 0.39         | 0.83           | 0.45              |                 |
|                      | <.0001    | <.0001   | <.0001       | <.0001         | <.0001            | <.0001          |
| **Pelargonidin**     | 1.00      | 0.42     | 0.47         | 0.32           |                   |                 |
|                      | <.0001    | <.0001   | <.0001       | <.0001         |                   | <.0001          |
| **Anthocyanidins**   | 1.00      |          | 0.51         | 0.46           |                   |                 |
|                      |           |          | <.0001       | <.0001         |                   | <.0001          |
| **Proanthocyanidins**|           |          |              | 1.00           |                   | 0.68            |
|                      |           |          |              |               |                   | <.0001          |
| **Total Flavonoids** |           |          |              |               |                   | 1.00            |