**Table S1: References ranges and query logic for out-of-range data queries performed on numeric data**

| Field# | Value range* | Change over time query range^ |
|---|---|---|
| All Data | Missing values | N/A |
| All Data | Illogical values | N/A |
| US Total Cholesterol | 70 - 375 mg/dL | 3 standard deviations from the mean change between baseline and year 1 |
| US Low-density Lipo-protein | 20 - 375 mg/dL | |
| US High-density Lipo-protein | 0.1 - 300 mg/dL | |
| US Triglycerides | 0.1 - 850 mg/dL | |
| US Creatinine | 0.5 - 1.7 mg/dL | |
| US Glucose | 35 - 250 mg/dL | |
| US Haemoglobin | 12 - 25 g/dL | |
| US Urine Albumin Creatinine ratio | 0.8 - 665 mg/g | |
| AUS Total Cholesterol | 2.0 - 10 mmol/L | |
| AUS Low-density Lipoprotein | 0.5 - 10 mmol/L | |
| AUS High-density Lipoprotein | 0.1 - 8 mmol/L | |
| AUS Triglycerides | 0.1 - 9.9 mmol/L | |
| AUS Creatinine | 40 - 150 µmol/L | |
| AUS Glucose | 2 - 15 mmol/L | |
| AUS Haemoblogin | Female 11 - 25 g/dL  Male 12 - 25 g/dL | |
| AUS Urine Albumin Creatinine Ratio | 0.1 - 75 mg/mmol | |
| Controlled Oral Word Assocation Texst score | 1 - 40 score | |
| Symbol Digit Modalities Test score | 1 - 100 score | |
| Grip strength 1st hand | 5 - 65 | |
| Grip strength 2nd hand | 5 - 65 | |
| Gait speed test 1 | 1.6 - 15 seconds | |
| Gait speed test 2 | 1.6 - 15 seconds | |
| Weight | 35 - 140 kg | |
| Abdominal circumference | 45 - 145 cm | |
| Height | 1.4 - 2.1 m | 3 standard deviations from the mean change between baseline and year 5 (when height was re-measured) |
| Systolic blood pressure - first measure | 90 - 200 mmHg | 3 standard deviations from the mean change between the average SBP at baseline and the average SBP at year 1 |
| Systolic blood pressure - second measure | 90 - 200 mmHg | |
| Systolic blood pressure - third measure | 90 - 200 mmHg | |
| Diastolic blood pressure - first measure | 50 - 110 mmHg | 3 standard deviations from the mean change between the average DBP at baseline and the average DBP at year 1 |
| Diastolic blood pressure - second measure | 50 - 110 mmHg | |
| Diastolic blood pressure - third measure | 50 - 110 mmHg | |
| Hearrt rate - first measure | 40 - 120 bpm | 3 standard deviations from the mean change between the average HR at baseline and the average HR at year 1 |
| Heart rate - second measure | 40 - 120 bpm | |
| Heart rate - third measure | 40 - 120 bpm | |

*The above Table shows the variables that were subject to out-of-range value and out-of-range change over time queries at every point of data collection (i.e. at baseline and all data collection visits thereafter).*

*# Variable within AWARD that was queried for out-of-range values and out-of-range change over time.*

*\* Acceptable range. Values below or above the cutoffs provided were considered to be out-of-range and were specifically checked against source documentation.*

*^ Logic for determination of data that were considered out-of-range based on previously entered values. These data (both the data in question and the previously entered data) were checked against the source documentation.*