

**Table S8.** Baseline characteristics of patients receiving rosuvastatin vs. atorvastatin in the PNUH cohort

|                                                                          | Before PSM adjustment     |                           |           | After PSM adjustment      |                           |           |
|--------------------------------------------------------------------------|---------------------------|---------------------------|-----------|---------------------------|---------------------------|-----------|
|                                                                          | Rosuvastatin<br>(n=2,532) | Atorvastatin<br>(n=5,282) | Std. diff | Rosuvastatin<br>(n=2,187) | Atorvastatin<br>(n=4,808) | Std. diff |
| Age group                                                                |                           |                           |           |                           |                           |           |
| 18-19                                                                    | -0.005                    | -0.003                    | -0.002    | -0.006                    | -0.003                    | 0.006     |
| 20-24                                                                    | -0.005                    | -0.003                    | -0.002    | -0.006                    | -0.003                    | 0.006     |
| 25-29                                                                    | 0.007                     | 0.004                     | 0.037     | 0.008                     | 0.005                     | 0.041     |
| 30-34                                                                    | -0.005                    | 0.008                     | -0.047    | -0.006                    | 0.009                     | -0.052    |
| 35-39                                                                    | 0.015                     | 0.016                     | -0.013    | 0.015                     | 0.016                     | -0.007    |
| 40-44                                                                    | 0.032                     | 0.030                     | 0.010     | 0.033                     | 0.029                     | 0.020     |
| 45-49                                                                    | 0.062                     | 0.052                     | 0.045     | 0.062                     | 0.048                     | 0.058     |
| 50-54                                                                    | 0.076                     | 0.074                     | 0.008     | 0.076                     | 0.073                     | 0.009     |
| 55-59                                                                    | 0.116                     | 0.129                     | -0.040    | 0.118                     | 0.129                     | -0.036    |
| 60-64                                                                    | 0.151                     | 0.147                     | 0.012     | 0.152                     | 0.152                     | -0.001    |
| 65-69                                                                    | 0.173                     | 0.181                     | -0.021    | 0.177                     | 0.177                     | -0.001    |
| 70-74                                                                    | 0.170                     | 0.166                     | 0.011     | 0.168                     | 0.169                     | -0.001    |
| 75-79                                                                    | 0.123                     | 0.111                     | 0.038     | 0.122                     | 0.114                     | 0.027     |
| 80-84                                                                    | 0.058                     | 0.062                     | -0.017    | 0.051                     | 0.060                     | -0.042    |
| 85-89                                                                    | 0.011                     | 0.017                     | -0.055    | 0.011                     | 0.013                     | -0.021    |
| 90-94                                                                    | -0.005                    | -0.003                    | -0.029    | -0.006                    | -0.003                    | -0.027    |
| Female                                                                   | 0.464                     | 0.497                     | -0.065    | 0.466                     | 0.454                     | 0.024     |
| Disease                                                                  |                           |                           |           |                           |                           |           |
| Essential hypertension                                                   | 0.485                     | 0.450                     | 0.071     | 0.474                     | 0.490                     | -0.032    |
| Obesity                                                                  | 0.007                     | 0.004                     | 0.037     | -0.006                    | 0.006                     | -0.016    |
| CCI score                                                                | 3.420                     | 3.506                     | -0.033    | 3.402                     | 3.519                     | -0.045    |
| DCSI                                                                     | 1.089                     | 1.050                     | 0.029     | 1.081                     | 1.059                     | 0.017     |
| CHA2DS2VASc                                                              | 2.745                     | 2.755                     | -0.009    | 2.717                     | 2.745                     | -0.023    |
| Atherosclerosis of arteries of the extremities                           | -0.005                    | 0.011                     | -0.091    | -0.006                    | 0.013                     | -0.105    |
| Peripheral circulatory disorder associated with type 2 diabetes mellitus | 0.02                      | 0.016                     | 0.032     | 0.018                     | 0.015                     | 0.023     |
| Peripheral vascular disease                                              | 0.019                     | 0.027                     | -0.057    | 0.017                     | 0.028                     | -0.077    |
| Peripheral vascular disorder due to diabetes mellitus                    | 0.028                     | 0.025                     | 0.023     | 0.026                     | 0.024                     | 0.015     |
| Medication*                                                              |                           |                           |           |                           |                           |           |
| Anti-diabetic drugs                                                      | 0.013                     | 0.006                     | 0.067     | 0.012                     | 0.004                     | 0.088     |
| ACEI                                                                     | -0.005                    | -0.003                    | 0.06      | -0.006                    | -0.003                    | 0.069     |
| ARBs                                                                     | 0.053                     | 0.042                     | 0.049     | 0.051                     | 0.039                     | 0.054     |
| Beta-blockers                                                            | 0.008                     | 0.003                     | 0.066     | 0.009                     | -0.003                    | 0.089     |
| Calcium channel blockers                                                 | -0.005                    | 0.011                     | -0.096    | -0.006                    | 0.010                     | -0.102    |
| Thiazide diuretics                                                       | 0.013                     | -0.003                    | 0.121     | 0.012                     | -0.003                    | 0.115     |
| Other diuretics                                                          | 0.025                     | 0.040                     | -0.083    | 0.023                     | 0.032                     | -0.056    |
| Nitrates                                                                 | 0.011                     | 0.006                     | 0.055     | 0.011                     | 0.005                     | 0.073     |

|                          |       |       |        |       |       |        |
|--------------------------|-------|-------|--------|-------|-------|--------|
| Aspirin                  | 0.257 | 0.256 | 0.002  | 0.257 | 0.274 | -0.037 |
| Other antiplatelet drugs | 0.006 | 0.010 | -0.037 | 0.006 | 0.010 | -0.052 |
| Warfarin                 | 0.018 | 0.014 | 0.031  | 0.018 | 0.012 | 0.042  |
| Digoxin                  | 0.011 | 0.011 | -0.007 | 0.011 | 0.013 | -0.014 |
| NSAIDs                   | 0.016 | 0.008 | 0.073  | 0.017 | 0.008 | 0.073  |

---

\*Drugs were grouped by class, and within each class, only the drug with the highest standardized difference after PSM was selected to represent the group.

PSM, propensity score matching; CCI, Charlson Comorbidity Index; DCSI, Diabetes Complications Severity Index; Std. diff., standardized difference; ACEIs, angiotensin-converting enzyme inhibitors; ARBs, angiotensin receptor blockers; NSAIDs, nonsteroidal anti-inflammatory drugs.