**Supplemental Table 1. Correlation between plasma CTRP9 levels and clinical variables in all subjects with type 2 diabetes as well as in subgroups with and without CKD**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **All subjects** | **Non-CKD** | **CKD** |
|  | ***ρ*** | ***p*** | ***ρ*** | ***p*** | ***ρ*** | ***p*** |
| Age | 0.135 | 0.006 | 0.127  | 0.042  | –0.114  | 0.149  |
| Duration of diabetes | 0.063 | 0.204 | –0.043  | 0.495  | –0.028  | 0.729  |
| BMI | 0.099 | 0.043 | 0.088  | 0.159  | 0.156  | 0.048  |
| Systolic BP | 0.261 | <0.001 | 0.152  | 0.016  | 0.261  | 0.001  |
| Diastolic BP | 0.101 | 0.042 | 0.110  | 0.080  | 0.090  | 0.267  |
| Serum creatinine | 0.260 | <0.001 | –0.150  | 0.016  | 0.433  | <0.001 |
| eGFR | –0.332 | <0.001 | 0.027  | 0.666  | –0.501  | <0.001 |
| Fasting glucose | 0.038 | 0.435 | 0.079  | 0.204  | 0.059  | 0.456  |
| HbA1c | –0.117 | 0.017 | –0.089  | 0.156  | –0.067  | 0.398  |
| Immunoreactive insulin† | 0.038  | 0.568  | 0.055 | 0.481 | 0.001 | 0.993 |
| HOMA-R† | 0.013  | 0.848  | 0.078 | 0.323 | –0.077 | 0.543 |
| Triglycerides | 0.236 | <0.001 | 0.100  | 0.109  | 0.372  | <0.001 |
| HDL-cholesterol | –0.121 | 0.013 | 0.004  | 0.947  | –0.248  | 0.002  |
| LDL-cholesterol | –0.009 | 0.858 | 0.037  | 0.556  | 0.026  | 0.744  |
| Adiponectin | 0.093 | 0.056 | –0.035  | 0.577  | 0.125  | 0.113  |

*ρ*, Spearman’s rank correlation coefficient. †, N=243 for all subjects, n=171 for the non-CKD group, and n=72 for the CKD group not receiving insulin therapy. Abbreviations: CTRP, C1q/TNF-related protein; CKD, chronic kidney disease; BMI, body mass index; BP, blood pressure; eGFR, estimated glomerular filtration rate; HbA1c, glycated hemoglobin A1c; HOMA-R, homeostasis model assessment of insulin resistance; HDL, high-density lipoprotein; LDL, low-density lipoprotein.

**Supplemental Table 2. Correlation between plasma adiponectin levels and clinical variables in all subjects with type 2 diabetes as well as in subgroups with and without CKD**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **All subjects** | **Non-CKD** | **CKD** |
|  | ***ρ*** | ***p*** | ***ρ*** | ***p*** | ***ρ*** | ***p*** |
| Age | 0.303  | <0.001 | 0.316  | <0.001 | 0.152  | 0.055  |
| Duration of diabetes | 0.319  | <0.001 | 0.280  | <0.001 | 0.215  | 0.007  |
| BMI | –0.280  | <0.001 | –0.285  | <0.001 | –0.277  | <0.001 |
| Systolic BP | 0.220  | <0.001 | 0.123  | 0.050  | 0.250  | 0.002  |
| Diastolic BP | –0.003  | 0.950  | –0.062  | 0.326  | 0.053  | 0.513  |
| Serum creatinine | 0.213  | <0.001 | –0.014  | 0.829  | 0.267  | 0.001  |
| eGFR | –0.326  | <0.001 | –0.234  | <0.001 | –0.319  | <0.001 |
| Fasting glucose | –0.057  | 0.242  | 0.011  | 0.864  | –0.121  | 0.128  |
| HbA1c | –0.080  | 0.104  | 0.040  | 0.524  | –0.218  | 0.006  |
| Immunoreactive insulin† | –0.346  | <0.001 | –0.330 | <0.001 | –0.408 | <0.001 |
| HOMA-R† | –0.333  | <0.001 | –0.256 | <0.001 | –0.445 | <0.001 |
| Triglycerides | –0.239  | <0.001 | –0.296  | <0.001 | –0.254  | 0.001  |
| HDL-cholesterol | 0.337  | <0.001 | 0.441  | <0.001 | 0.257  | 0.001  |
| LDL-cholesterol | 0.042  | 0.387  | 0.012  | 0.848  | 0.148  | 0.061  |

*ρ*, Spearman’s rank correlation coefficient. †, N = 243 for all subjects, n = 171 for the non-CKD group, and n = 72 for the CKD group not receiving insulin therapy. Abbreviations: CKD, chronic kidney disease; BMI, body mass index; BP, blood pressure; eGFR, estimated glomerular filtration rate; HbA1c, glycated hemoglobin A1c; HOMA-R, homeostasis model assessment of insulin resistance; HDL, high-density lipoprotein; LDL, low-density lipoprotein.