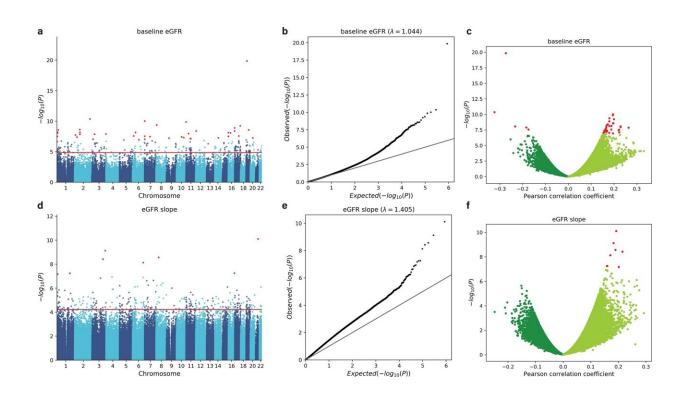


## New algorithm can predict diabetic kidney disease

## May 15 2023



Association between CpG methylation and renal function. The methylation level of each CpG site was tested for its association with baseline eGFR ( $\mathbf{a}$ – $\mathbf{c}$ ) and eGFR slope ( $\mathbf{d}$ – $\mathbf{f}$ ). The results of all the 434,908 CpG sites analyzed in this study are shown using Manhattan plots ( $\mathbf{a}$ ,  $\mathbf{d}$ ), quantile–quantile (QQ) plots ( $\mathbf{b}$ ,  $\mathbf{e}$ ), and volcano plots ( $\mathbf{c}$ ,  $\mathbf{f}$ ). P values were computed using two-sided Student's t test. In the Manhattan plots, CpG sites with a Bonferroni-corrected P value

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