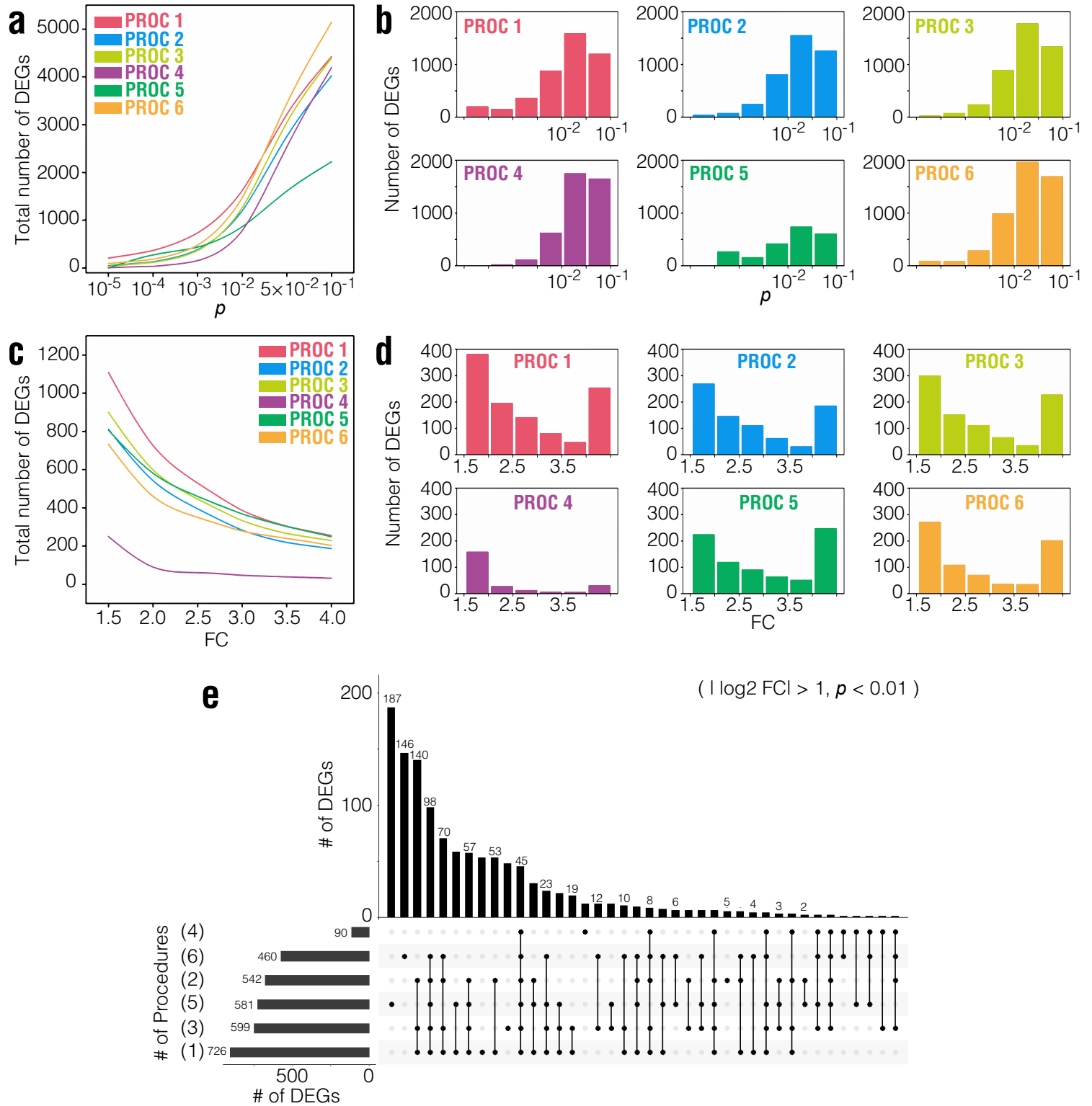
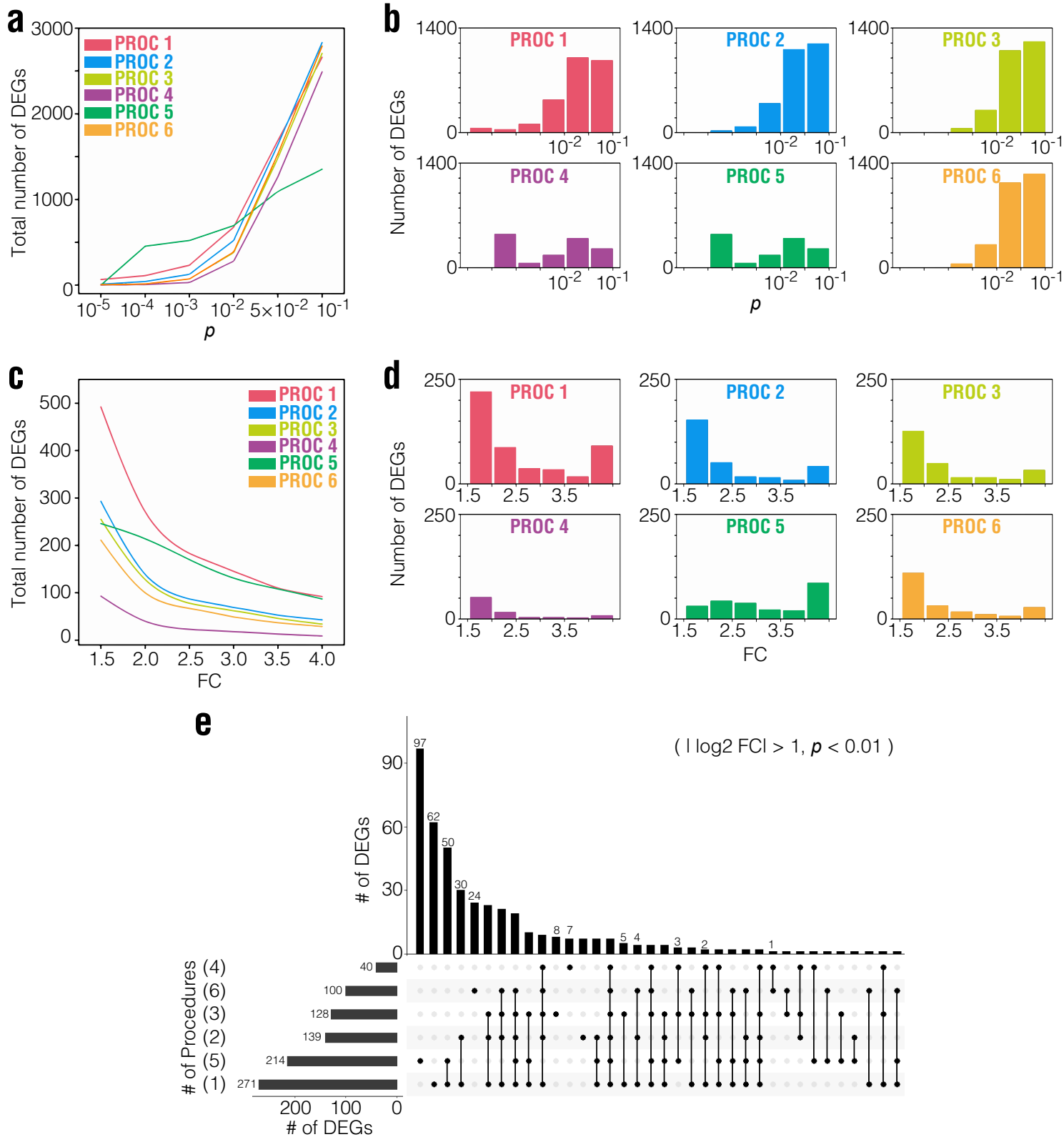


Supplementary Figure 16



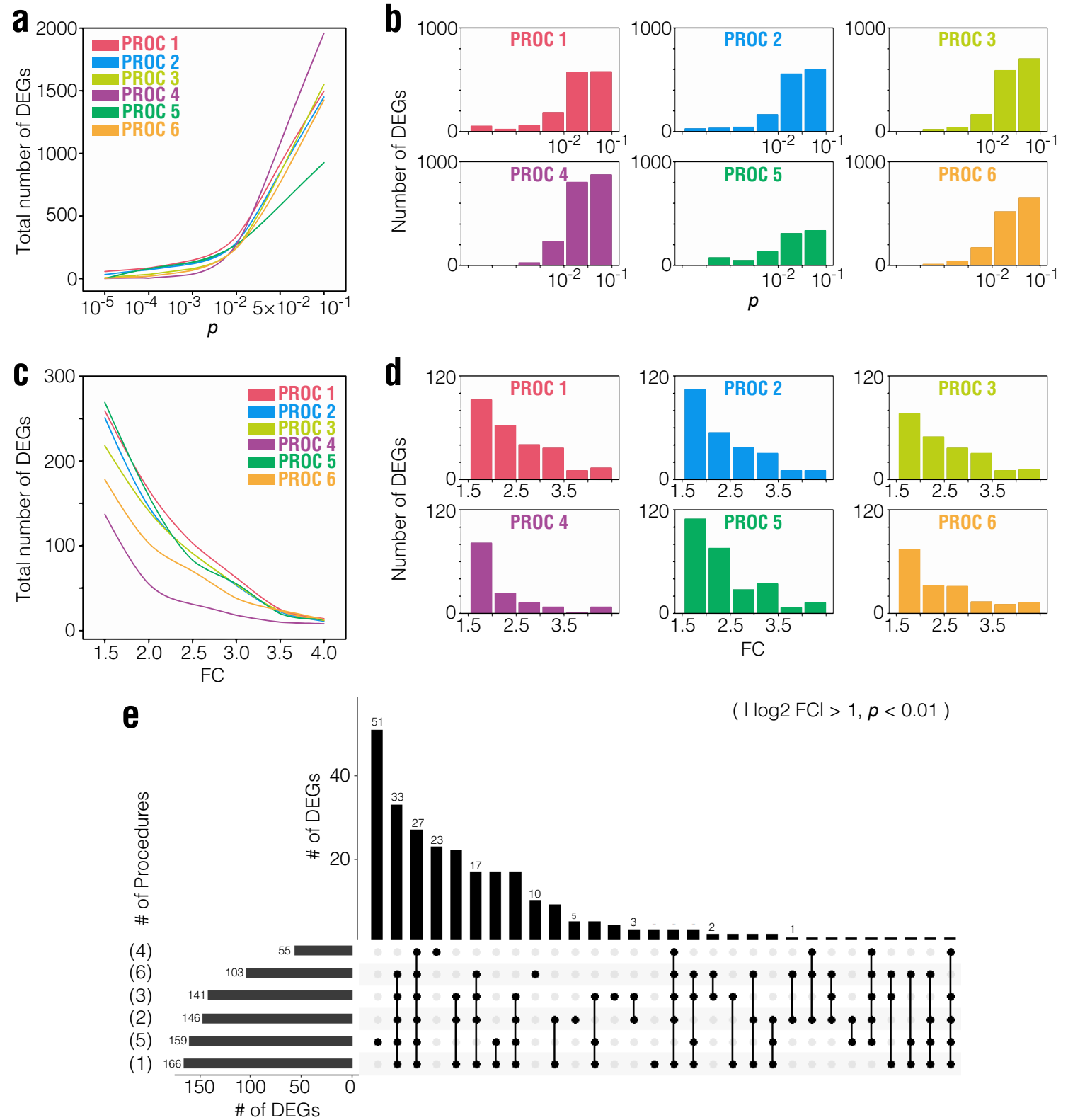
Supplementary Fig. 16 Number of DEGs with combination of FC and p value for the human dataset. (a) The line chart reflects the total number of DEGs estimated by different procedures with $|\log_2 \text{FC}| > 1$ and different p value. (b) The histogram reflects the interval number of DEGs estimated by different procedures with $|\log_2 \text{FC}| > 1$ and different p value. (c) The line chart reflects the total number of DEGs estimated by different procedures with differences procedures with $p < 0.01$ and different $|\log_2 \text{FC}|$. (d) The histogram reflects the interval number of DEGs estimated by different procedures with differences procedures with $p < 0.01$ and different $|\log_2 \text{FC}|$. (e) Set visualization graphics of DEGs when $|\log_2 \text{FC}| > 1$ and $p < 0.01$. The numbers in brackets represent the procedure number.

Supplementary Figure 17



Supplementary Fig. 17 Number of DEGs with combination of FC and p value for the rat dataset. (a) The line chart reflects the total number of DEGs estimated by different procedures with $|\log_2 \text{FC}| > 1$ and different p value. (b) The histogram reflects the interval number of DEGs estimated by different procedures with $|\log_2 \text{FC}| > 1$ and different p value. (c) The line chart reflects the total number of DEGs estimated by different procedures with differences procedures with $p < 0.01$ and different $|\log_2 \text{FC}|$. (d) The histogram reflects the interval number of DEGs estimated by different procedures with differences procedures with $p < 0.01$ and different $|\log_2 \text{FC}|$. (e) Set visualization graphics of DEGs when $|\log_2 \text{FC}| > 1$ and $p < 0.01$. The numbers in brackets represent the procedure number.

Supplementary Figure 18



Supplementary Fig. 18 Number of DEGs with combination of FC and p value for the macaque dataset. (a) The line chart reflects the total number of DEGs estimated by different procedures with $|\log_2 \text{FC}| > 1$ and different p value. (b) The histogram reflects the interval number of DEGs estimated by different procedures with $|\log_2 \text{FC}| > 1$ and different p value. (c) The line chart reflects the total number of DEGs estimated by different procedures with differences procedures with $p < 0.01$ and different $|\log_2 \text{FC}|$. (d) The histogram reflects the interval number of DEGs estimated by different procedures with differences procedures with $p < 0.01$ and different $|\log_2 \text{FC}|$. (e) Set visualization graphics of DEGs when $|\log_2 \text{FC}| > 1$ and $p < 0.01$. The numbers in brackets represent the procedure number.