

## Wilcoxon test (ref. dose = 0)

| Sex             | Ethnic | Dose | р            | p.adj   | p.format | p.signif |
|-----------------|--------|------|--------------|---------|----------|----------|
| Acute disease   | White  | 100  | 4.511843e-03 | 2.7e-02 | 0.00451  | **       |
| Acute disease   | White  | 200  | 2.713042e-10 | 3.3e-09 | 2.7e-10  | ***      |
| Acute disease   | Asian  | 100  | 1.115169e-05 | 1.0e-04 | 1.1e-05  | ***      |
| Acute disease   | Asian  | 200  | 3.129703e-07 | 3.4e-06 | 3.1e-07  | ***      |
| Acute disease   | Black  | 100  | 4.454309e-03 | 2.7e-02 | 0.00445  | **       |
| Acute disease   | Black  | 200  | 4.996721e-03 | 2.7e-02 | 0.00500  | **       |
| Chronic disease | Asian  | 100  | 2.368706e-04 | 1.9e-03 | 0.00024  | ***      |
| Chronic disease | Asian  | 200  | 1.573432e-03 | 1.1e-02 | 0.00157  | **       |
| Chronic disease | White  | 100  | 1.109125e-02 | 3.3e-02 | 0.01109  | *        |
| Chronic disease | White  | 200  | 9.546760e-06 | 9.5e-05 | 9.5e-06  | ****     |