**Figure 3-1. The number of rats used in statistical analysis of withdrawal reflexes for each muscle.**

|  |  |  |
| --- | --- | --- |
| **Muscle** | **Sham rats** | **UBI rats** |
| **Control** | **Naloxone** | **Control** | **Naloxone** |
| EDL | 9 | 6 | 10 | 6 |
| Int | 8 | 5 | 5 | 6 |
| PL | 9 | 7 | 9 | 6 |

The rats were exposed to the right-side UBI or the right-side sham surgery, and treated with saline (control group) or naloxone before analysis of reflexes on Day 6, 7 or 8 after the injury. Data for a given muscle were included in statistical models if the number of animals showing EMG response of both the left and right limbs was 5 or more in each of four groups. Altogether 39 rats including 11 sham and 14 UBI not naloxone treated (control) rats, and 7 sham and 7 UBI naloxone treated rats were analyzed.