# 数值型变量的描述性统计结果

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 变量名 | count | mean | std | min | 25% | 50% | 75% | max |
| mean | 16549.0000 | 0.0001 | 0.0076 | -0.1000 | -0.0005 | -0.0000 | 0.0005 | 0.1367 |
| std | 16549.0000 | 0.3817 | 0.3845 | 0.0602 | 0.1431 | 0.2677 | 0.4828 | 2.6511 |
| rms | 16549.0000 | 0.3817 | 0.3845 | 0.0602 | 0.1433 | 0.2677 | 0.4828 | 2.6511 |
| peak\_to\_peak | 16549.0000 | 3.9344 | 3.5168 | 0.3818 | 1.1639 | 2.8636 | 5.7607 | 21.7316 |
| kurtosis | 16549.0000 | 4.8592 | 6.9854 | -0.5818 | 0.2977 | 2.5395 | 5.1243 | 59.3640 |
| skewness | 16549.0000 | 0.0167 | 0.1493 | -0.9079 | -0.0446 | 0.0229 | 0.0791 | 1.1821 |
| crest\_factor | 16549.0000 | 5.4197 | 1.8541 | 2.1500 | 3.9623 | 4.9846 | 6.2284 | 13.3872 |
| shape\_factor | 16549.0000 | 1.4492 | 0.2354 | 1.2063 | 1.2709 | 1.3816 | 1.5234 | 2.5488 |
| impulse\_factor | 16549.0000 | 8.2243 | 4.3771 | 2.6650 | 5.0753 | 7.1012 | 9.1792 | 31.3332 |
| variance | 16549.0000 | 0.2935 | 0.7692 | 0.0036 | 0.0205 | 0.0717 | 0.2331 | 7.0281 |
| freq\_centroid | 16549.0000 | 2875.4130 | 394.5680 | 1285.2359 | 2705.7700 | 2919.5328 | 3145.9290 | 6836.1563 |
| rms\_freq | 16549.0000 | 3042.7823 | 410.7174 | 1851.6769 | 2818.3148 | 3068.0297 | 3277.2296 | 7393.1615 |
| std\_freq | 16549.0000 | 896.9352 | 446.1476 | 222.6859 | 604.4666 | 817.7076 | 1142.9459 | 3580.3167 |
| kurtosis\_psd | 16549.0000 | 353.5442 | 315.2884 | 34.3066 | 155.4832 | 254.2549 | 430.5758 | 1979.4520 |
| env\_peak\_freq\_1 | 16549.0000 | 238.7847 | 1028.6189 | 7.8125 | 31.2500 | 93.7500 | 125.0000 | 8046.8750 |
| env\_peak\_freq\_2 | 16549.0000 | 265.2398 | 798.9656 | 7.8125 | 39.0625 | 93.7500 | 156.2500 | 8046.8750 |
| env\_peak\_freq\_3 | 16549.0000 | 281.6338 | 759.6758 | 7.8125 | 54.6875 | 93.7500 | 164.0625 | 8046.8750 |