Pearson

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dataset** | **Intolerance** | **Prior neuro gene** | **PolyPhen-2** | **CADD score** |
|  | **K\*** | **K** | **K\*** | **K** | **K\*** | **K** | **K\*** | **K** |
| AHB | 0.017(0.016) | 0.015(0.012) | 0.007(0.004) | 0.006(0.004) | 0.060(0.055) | 0.067(0.063) | 0.015(0.017) | 0.013(0.014) |
| DHB | 0.012(0.013) | 0.017(0.016) | 0.249(0.265) | 0.289(0.302) | 0.281(0.282) | 0.339(0.342) | 0.187(0.211) | 0.192(0.221) |
| CELSIUS | 0.016(0.017) | 0.016(0.017) | 0.006(0.006) | 0.008(0.011) | 0.469(0.453) | 0.475(0.462) | 0.405(0.386) | 0.454(0.433) |

Spearman

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dataset** | **Intolerance** | **Prior neuro gene** | **PolyPhen-2** | **CADD score** |
|  | **K\*** | **K** | **K\*** | **K** | **K\*** | **K** | **K\*** | **K** |
| AHB | 0.016(0.017) | 0.011(0.011) | 0.009(0.006) | 0.010(0.008) | 0.050(0.054) | 0.071(0.074) | 0.019(0.017) | 0.0280.030 |
| DHB | 0.018(0.019) | 0.023(0.022) | 0.227(0.216) | 0.263(0.250) | 0.339(0.320) | 0.390(0.377) | 0.189(0.214) | 0.205(0.228) |

Endeavour

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Dataset** | **Intolerance** | **Prior neuro gene** | **PolyPhen-2** | **CADD score** |
| Endeavour | 0.038(0.034) | 7.2x10-5(0.001) | 0.120(0.122) | 8.4x10-4(0.001) |