

## 5. Wilcoxon rank sum test for genotype comparison

*on total duration per hour for each animal*

*dark phase corrected*

behaviour	Wilcoxon-W score	Wilcoxon p-value
Distance_traveled	3660	0.6766
ComeDown	4482.5	0.0025
hang	3439.5	0.776
jump	4237	0.0178
immobile	3172	0.2594
rearup	4389	0.0063
digforage	3668.5	0.6542
walk	3932.5	0.1999
Groom	3171.5	0.2586
Urinate	3528	NaN
Twitch	3354.5	0.5818
Arousal	3528	NaN
Awaken	2750.5	0.0132
Chew	4437.5	0.0027
Sniffing	3769	0.4439
RemainLow	3917	0.2178
Eat	4753	1e-04
Drink	3514.5	0.9614