## Performances on the validation data X axis true force 5 regressed force Force value [AU] 0 -5 -1010000 5000 0 15000 20000 25000 30000 Sample Y axis 4 Force value [AU] 2 0 -2 true force regressed force 5000 10000 20000 15000 30000 25000 0 Sample Z axis 2 Force value [AU] 0 **-**2 -6 true force regressed force -8 5000 Ó 10000 20000 25000 30000 15000 Sample Norm 12 true norm true norm 10 Force value [N] true norm 8 egressed norm 6 4 2 0 5000 10000 15000 30000 20000 25000 0 Sample