## Performances on the validation data X axis 10 true force regressed force 5 Force value [AU] 0 -5 -1010000 5000 20000 30000 0 15000 25000 35000 Sample Y axis 8 true force regressed force 6 Force value [AU] 4 2 0 **-**2 **-**4 5000 10000 15000 25000 35000 0 20000 30000 Sample Z axis 0 Force value [AU] -5 -10 true force regressed force -155000 10000 20000 25000 30000 15000 35000 0 Sample Norm 15.0 true norm true norm 12.5 Force value [N] true norm 10.0 regressed norm 7.5 5.0 2.5 0.0 10000 5000 15000 20000 25000 30000 35000 0 Sample