Performances on the validation data X axis 15 true force 10 regressed force Force value [AU] 5 0 -5 -10 -15 0 5000 10000 15000 20000 25000 30000 35000 40000 Sample Y axis 4 true force regressed force Force value [AU] 2 0 -2 -4 -6 5000 10000 15000 20000 0 25000 30000 35000 40000 Sample Z axis 2.5 Force value [AU] 0.0 **-**2.5 -5.0-7.5true force -10.0regressed force 5000 10000 15000 20000 25000 30000 40000 0 35000 Sample Norm true norm 15 true norm Force value [N] true norm regressed norm 10 5 0 15000 20000 0 5000 10000 25000 30000 35000 40000 Sample