Interval 1050-1280 cm-1, n = 28Visually representing the difference between the predicted and actual BSi Percentages Overfitting 8.24 **FALSE** 6.52 Difference in Percentage 5.12 5 -**TRUE** 3.55 1.62 1.24 0.89 0.79 0.66 0.65 –5 **-**-10 **-**-10.94NAN-DB-10 NAN-DB-31 NAN-DB-4 NANA1A-109 NANA1A-116 NANA2-132 NANB3A1-131.5 NANB3A2-10.5 NANA2-50 NANA2-55 NANA2-60 NANA2-65 NANDB-13.5 NANB3A2-6 NANDB-17 FISK-270 LSA1-30 LSA2-35 LSA2-50 NANDB-20 LSA2-55 LSA3-55 LSA3-95 Sample ID