lasso nnet SLF R (ICVF) SLF\_L (ICVF) 9 (3%) rs8056290\_A2(PRKCB) 9 (4%) 9 (4%) 8 (4%) rs8056290\_A1(PRKCB) rs80136977\_A2(ADCY10) 6 (4%) rs7786782\_A1(PRKAG2) 7 (5%) 6 (5%) 7 (5%) rs77433227\_T2(GNAQ) rs77312623\_A1(SYT1) 5 (5%) 6 (4%) 3 (6%) 9 (2%) 5 (4%) 5 (4%) rs73353563\_T2(SYT1) 5 ( 6%) 8 ( 2%) 7 ( 3%) 5 (6%) rs73158188\_T2(PRKAG2) 4 (7%) 4 ( 6%) 1 ( 7%) rs62468660\_T2(NA) rs62465540\_A2(NA) 3 ( 7%) 9 ( 4%) 4 ( 6%) 2 ( 7%) rs3813755 C1(ADCY7) 7 (3%) 7 (3%) 7 (4%) 3 (9%) 3 (9%) rs3785383\_A1(PRKCB) rs2888788\_G1(PRKAG2) 9 (3%) 6 (4%) 6 ( 6%) 2 (10%) 6 ( 6%) 2 (10%) 9 (3%) 6 (4%) 6 (4%) 4 (4%) rs1872691\_A1(BRD7-ADCY7) 8 (4%) rs17046359\_G2(SYT1) 1 (8%) 2 (8%) 4 (6%) rs17046359\_G1(SYT1) rs141892450\_A2(GNA12) 2 (7%) 9 (4%) rs118186402\_A2(GNA14) rs11515757\_C2(GNAQ) 8 (4%) rs10254101\_T2(PRKAG2) 3 (8%) 3 (9%) rs10254101\_T1(PRKAG2) 2 (17%) 8 (3%) 2 (16%) 8 (3%) 2 (5%) 5 (4%) 7 (5%) rs10224002\_G2(PRKAG2) 7 (4%) 5 (7%) 3 (7%) 4 (7%) rs10224002\_G1(PRKAG2) rFPN-rDMN IFPN-rFPN IFPN-rDMN IFOF\_R (ICVF) IFOF\_L (ODI) IFOF\_L (ICVF) ForcepsMinor (ICVF) dDMN-ÌFPN4 dDMN-IFPN2 dDMN-ECN 4 ( 5%) 1 (26%) 3 (5%) 1 (14%) CR (Education) 4 (4%) 5 (5%) 8 (5%) 8 (4%) 1 (25%) 1 (16%) 1 (10%) Age 1 (15%) xgboost ranger 7 (4%) 3 (4%) 6 ( 7%) 3 (11%) 7 (4%) 3 (5%) SLF\_R (ICVF) SLF\_L (ICVF) 5 (2%) 5 (1%) 5 (2%) 4 (4%) rs8056290\_A2(PRKCB) rs8056290\_A1(PRKCB) rs80136977\_A2(ADCY10) rs7786782\_A1(PRKAG2) rs77433227\_T2(GNAQ) rs77312623\_A1(SYT1) rs73353563\_T2(SYT1) rs73158188\_T2(PRKAG2) rs62468660\_T2(NA) rs62465540\_A2(NA) rs3813755\_C1(ADCY7) rs3785383\_A1(PRKCB) rs2888788\_G1(PRKAG2) rs1872691\_A1(BRD7-ADCY7) rs17046359\_G2(SYT1) rs17046359\_G1(SYT1) rs141892450 A2(GNA12) rs118186402\_A2(GNA14) rs11515757\_C2(GNAQ) rs10254101\_T2(PRKAG2) 9 (1%) rs10254101\_T1(PRKAG2) rs10224002\_G2(PRKAG2) rs10224002\_G1(PRKAG2) 8 (1%) rFPN-rDMN 9 (3%) 9 (3%) 9 (3%) 9 ( 1%) 6 ( 1%) 8 ( 1%) 8 ( 1%) 6 ( 1%) 7 ( 1%) 7 ( 2%) 6 ( 2%) 8 ( 2%) 6 (1%) 8 (1%) IFPN-rFPN IFPN-rDMN 7 (3%) 5 (4%) 4 (9%) 5 (4%) IFOF R (ICVF) IFOF\_L (ODI) 4 (2%) 4 (2%) 4 (2%) 9 (1%) 5 (3%) IFOF\_L (ICVF) 6 (4%) 4 (4%) 5 (9%) 7 (6%) 6 (4%) 4 (4%) 4 (3%) 5 (3%) ForcepsMinor (ICVF) dDMN-IFPN4 9 (1%) 7 ( 1%) 3 ( 3%) 2 (25%) 7 (1%) 3 (3%) 2 (24%) dDMN-IFPN2 9 (2%) 8 ( 3%) 2 ( 8%) 1 (12%) 8 (3%) 2 (8%) 3 (2%) 2 (21%) 3 (5%) 2 (23%) dDMN-ECN 8 (3%) 2 (14%) 2 (11%) 1 (18%) CR (Education) 1 (25%) 1 (53% 1 (53%) 1 (53%) 1 (38%) Age 1 (12%) dalex vip\_model vip\_permute vip\_shap dalex vip\_model vip\_shap vip\_permute