RF\_MMTT\_AVOC1\_IL6\_Data\_Final\_choose\_A\_.csv Features:

**['consent date ', 'screen date', 'screenid', 'age', 'gender', 'ethnicity 1', 'visit', 'body temp', 'capillarygluc', 'venous glen', ' insulin', 'heightm', 'htm\_m2', 'weightm', 'bmi', 'waist1\_m', 'waist2\_m', 'waist3\_m', 'sysm', 'diam', 'hrm', 'ethnic', 'sex', 'bmicat', 'seq', 'trx', 'tx\_actual', 'time', 'time1']**

RF\_MMTT\_AVOC1\_IL6\_Data\_Final\_choose\_A\_.csv Variables:

**['il6', 'il6b', 'il6n', 'qc1', 'qc2']**

RF\_MMTT\_AVOC1\_MET\_FINAL\_Choose\_A.csv Features:

**['consent date ', 'screen date', 'screenid', 'age', 'gender', 'ethnicity 1', 'visit', 'body temp', 'capillarygluc', 'venous glen', ' insulin', 'heightm', 'htm\_m2', 'weightm', 'bmi', 'waist1\_m', 'waist2\_m', 'waist3\_m', 'sysm', 'diam', 'hrm', 'ethnic', 'sex', 'seq', 'tx', 'tx\_actual', 'time', 'time1']**

RF\_MMTT\_AVOC1\_MET\_FINAL\_Choose\_A.csv Variables:

**['tg', 'tgb', 'glc', 'glc\_b', 'ins', 'ins\_b']**

RF\_MMTT\_AVOC1\_OxLDL\_MCP\_Final\_SAS\_choose\_A.csv Features:

**['consent date ', 'screen date', 'screenid', 'age', 'gender', 'ethnicity 1', 'visit', 'body temp', 'capillarygluc', 'venous glen', ' insulin', 'heightm', 'htm\_m2', 'weightm', 'bmi', 'waist1\_m', 'waist2\_m', 'waist3\_m', 'sysm', 'diam', 'hrm', 'ethnic', 'sex', 'bmicat', 'seq', 'tx', 'tx2', 'time', 'time1']**

RF\_MMTT\_AVOC1\_OxLDL\_MCP\_Final\_SAS\_choose\_A.csv Variables:

**['oxldl', 'oxldlb', 'oxldln', 'logoxldl', 'mcp1', 'mcp1b', 'mcp1n', 'logmcp1', 'tnf', 'tnfb', 'tnfn', 'logtnf']**

RF\_MMTT\_AVOC1\_NMR\_LIPIDS\_choose\_A\_Final.csv Features:

**['consent date ', 'screen date', 'screenid', 'age', 'gender', 'ethnicity 1', 'visit', 'body temp', 'capillarygluc', 'venous glen', ' insulin', 'heightm', 'htm\_m2', 'weightm', 'bmi', 'waist1\_m', 'waist2\_m', 'waist3\_m', 'sysm', 'diam', 'hrm', 'ethnic', 'sex', 'seq', 'tx', 'tx\_act', 'time', 'time2']**

RF\_MMTT\_AVOC1\_NMR\_LIPIDS\_choose\_A\_Final.csv Variables:

**['vldlcp3', 'vldlcp\_b', 'vlcp3', 'vlcp\_b', 'vmp3', 'vmp3\_b', 'vsp3', 'vsp3\_b', 'ldlp3', 'ldlp3\_b', 'idlp3', 'idlp3\_b', 'llp3', 'llp3\_b', 'lsp3', 'lsp3\_b', 'hdlp3', 'hdlp3\_b', 'hlp3', 'hlp3\_b', 'hmp3', 'hmp3\_b', 'hsp3', 'hsp3\_b', 'vz3', 'vz3\_b', 'lz3', 'lz3\_b', 'hz3', 'hz3\_b', 'ntg3', 'ntg3\_b', 'nvctg3', 'nvctg\_b', 'nhc3', 'nhc3\_b']**

RF\_MMTT\_AVOC1\_VAS\_Final\_n31\_SAS\_with\_GUT\_peptides.csv Features:

**['consent date ', 'screen date', 'screenid', 'age', 'gender', 'ethnicity 1', 'visit', 'body temp', 'capillarygluc', 'venous glen', ' insulin', 'heightm', 'htm\_m2', 'weightm', 'bmi', 'waist1\_m', 'waist2\_m', 'waist3\_m', 'sysm', 'diam', 'hrm', 'ethnic', 'sex', 'bmicat', 'tx', 'tx2', 'seq', 'time', 'time1']**

RF\_MMTT\_AVOC1\_VAS\_Final\_n31\_SAS\_with\_GUT\_peptides.csv Variables:

**['hung', 'hungb', 'hungn', 'full', 'fullb', 'fulln', 'des', 'desb', 'desn', 'amt', 'amtb', 'amtn', 'thirst', 'thirstb', 'thirstn', 'naus', 'nausb', 'nausn', 'satis', 'satisb', 'satisn', 'alert', 'alertb', 'altern', 'tired', 'tiredb', 'tiredn', 'glp (pg/ml)', 'glpb', 'glpn', 'pyy ((pg/ml)', 'pyyb', 'pyyn', 'gherelin (pg/ml)', 'gherelinb', 'gherelinn']**

RF\_MMTT\_AVOC1\_MERGED\_ALL.csv Features:

**['subject', 'consent date ', 'screen date', 'screenid', 'age', 'gender', 'ethnicity 1', 'visit', 'body temp', 'capillarygluc', 'venous glen', ' insulin', 'heightm', 'htm\_m2', 'weightm', 'bmi', 'waist1\_m', 'waist2\_m', 'waist3\_m', 'sysm', 'diam', 'hrm', 'bmi\_IL6', 'bmicat\_IL6', 'seq\_IL6', 'trx', 'tx\_actual\_IL6', 'visit\_IL6', 'time\_IL6', 'qc2', 'bmi\_MET', 'tx\_MET', 'tx\_actual\_MET', 'visit\_MET', 'time1\_MET', 'tg', 'tx\_OxLDL\_MCP', 'visit\_OxLDL\_MCP', 'tx\_NMR\_LIPIDS', 'tx\_act\_NMR\_LIPIDS', 'visit\_NMR\_LIPIDS', 'tx\_VAS\_Final\_n31\_SAS\_with\_GUT\_peptides', 'visit\_VAS\_Final\_n31\_SAS\_with\_GUT\_peptides']**

RF\_MMTT\_AVOC1\_MERGED\_ALL.csv Variables:

**['il6', 'il6b', 'il6n', 'qc1', 'tgb', 'glc', 'glc\_b', 'ins', 'ins\_b', 'oxldl', 'oxldlb', 'oxldln', 'logoxldl', 'mcp1', 'mcp1b', 'mcp1n', 'logmcp1', 'tnf', 'tnfb', 'tnfn', 'logtnf', 'vldlcp3', 'vldlcp\_b', 'vlcp3', 'vlcp\_b', 'vmp3', 'vmp3\_b', 'vsp3', 'vsp3\_b', 'ldlp3', 'ldlp3\_b', 'idlp3', 'idlp3\_b', 'llp3', 'llp3\_b', 'lsp3', 'lsp3\_b', 'hdlp3', 'hdlp3\_b', 'hlp3', 'hlp3\_b', 'hmp3', 'hmp3\_b', 'hsp3', 'hsp3\_b', 'vz3', 'vz3\_b', 'lz3', 'lz3\_b', 'hz3', 'hz3\_b', 'ntg3', 'ntg3\_b', 'nvctg3', 'nvctg\_b', 'nhc3', 'nhc3\_b', 'hung', 'hungb', 'hungn', 'full', 'fullb', 'fulln', 'des', 'desb', 'desn', 'amt', 'amtb', 'amtn', 'thirst', 'thirstb', 'thirstn', 'naus', 'nausb', 'nausn', 'satis', 'satisb', 'satisn', 'alert', 'alertb', 'altern', 'tired', 'tiredb', 'tiredn', 'glp (pg/ml)', 'glpb', 'glpn', 'pyy ((pg/ml)', 'pyyb', 'pyyn', 'gherelin (pg/ml)', 'gherelinb', 'gherelinn']**