

Correlations between baseline and repeat assessment (phase 1 and 2)

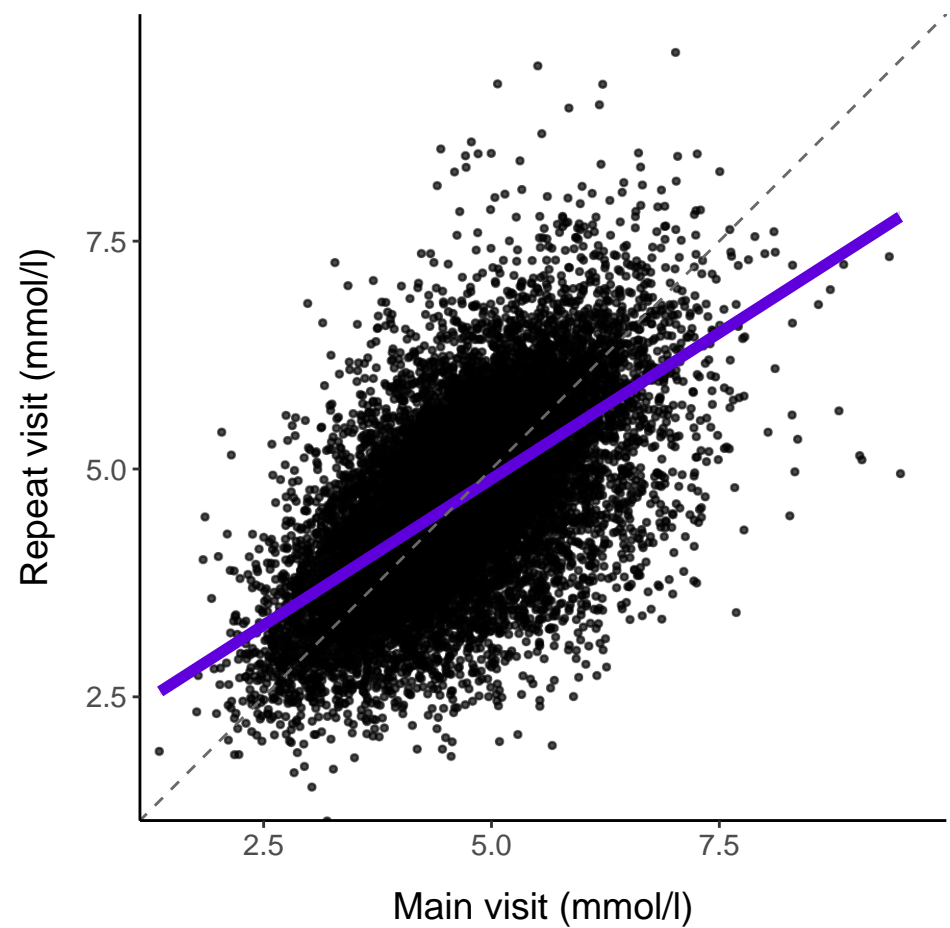
Outliers 4 × IQR from median removed

Nightingale Health Plc.

Cholesterol

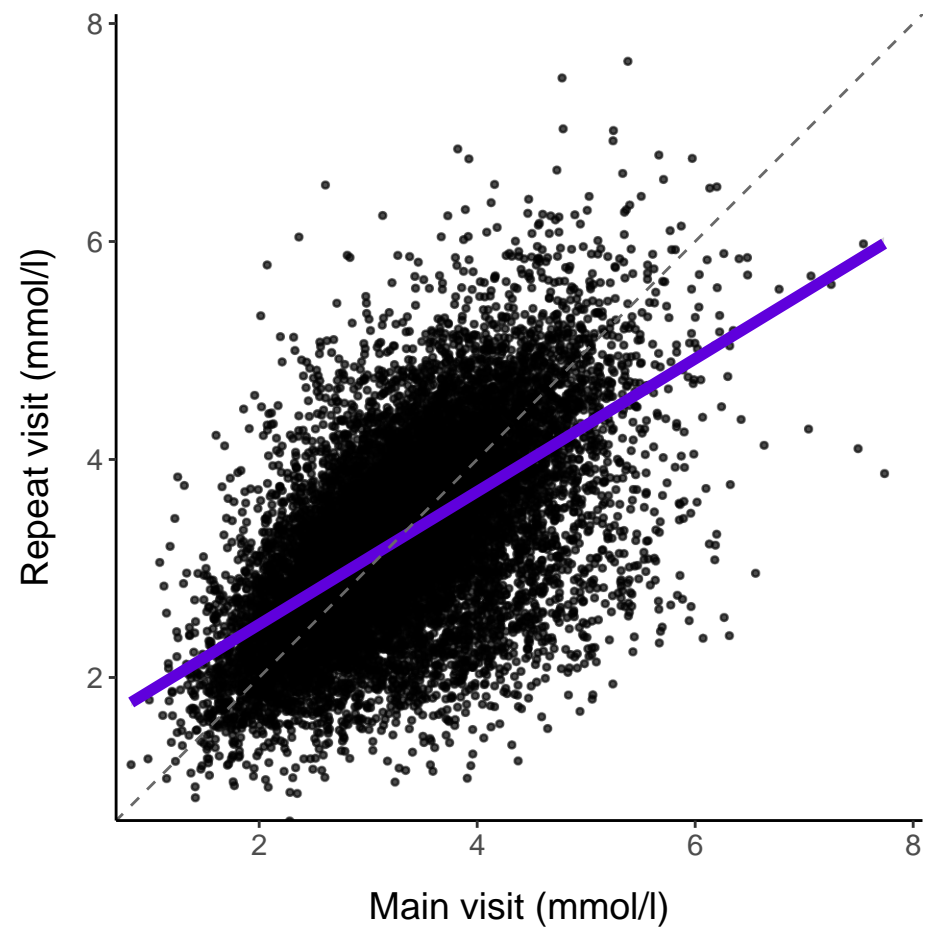
Total_C

R: 0.61
 $y = 1.68 + 0.64x$



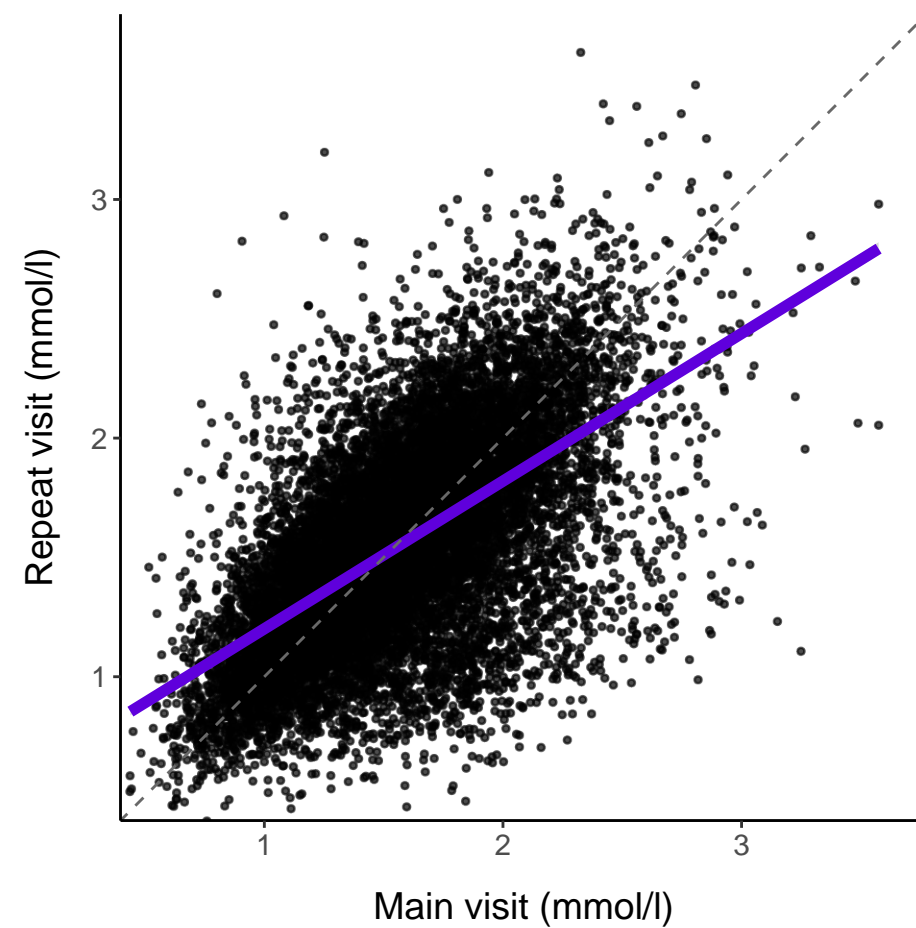
non_HDL_C

R: 0.59
 $y = 1.27 + 0.61x$



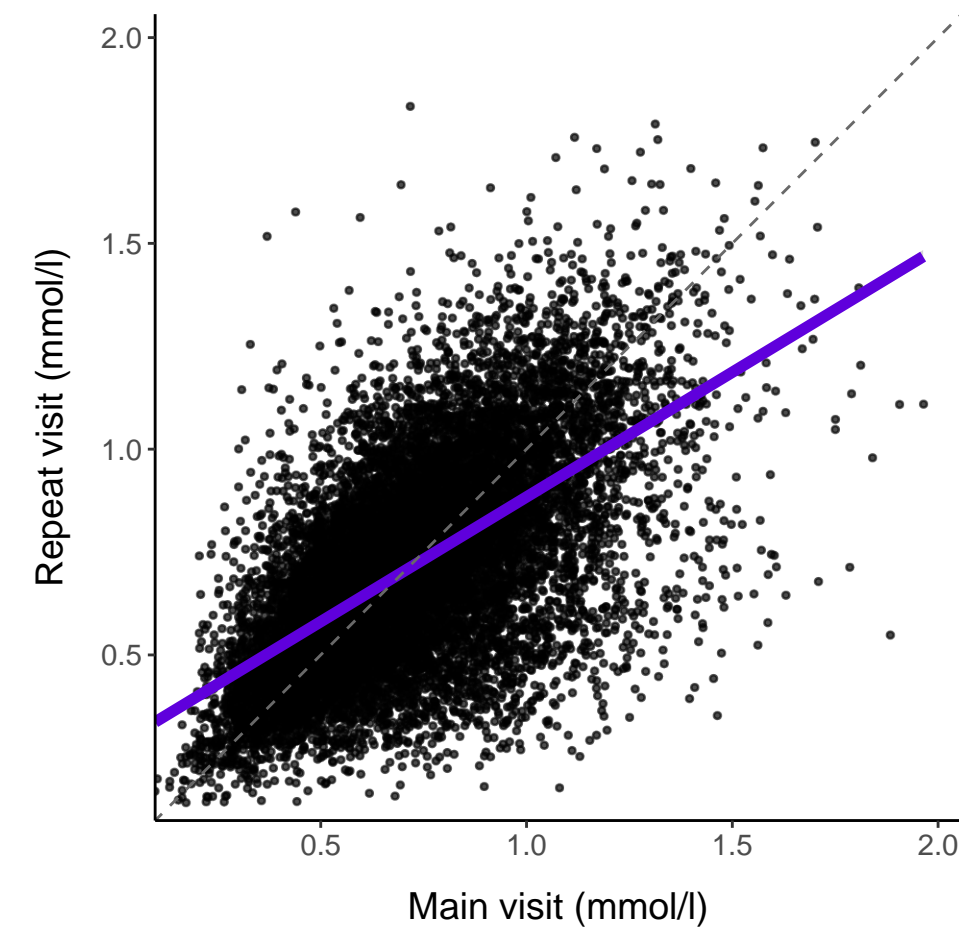
Remnant_C

R: 0.61
 $y = 0.58 + 0.62x$



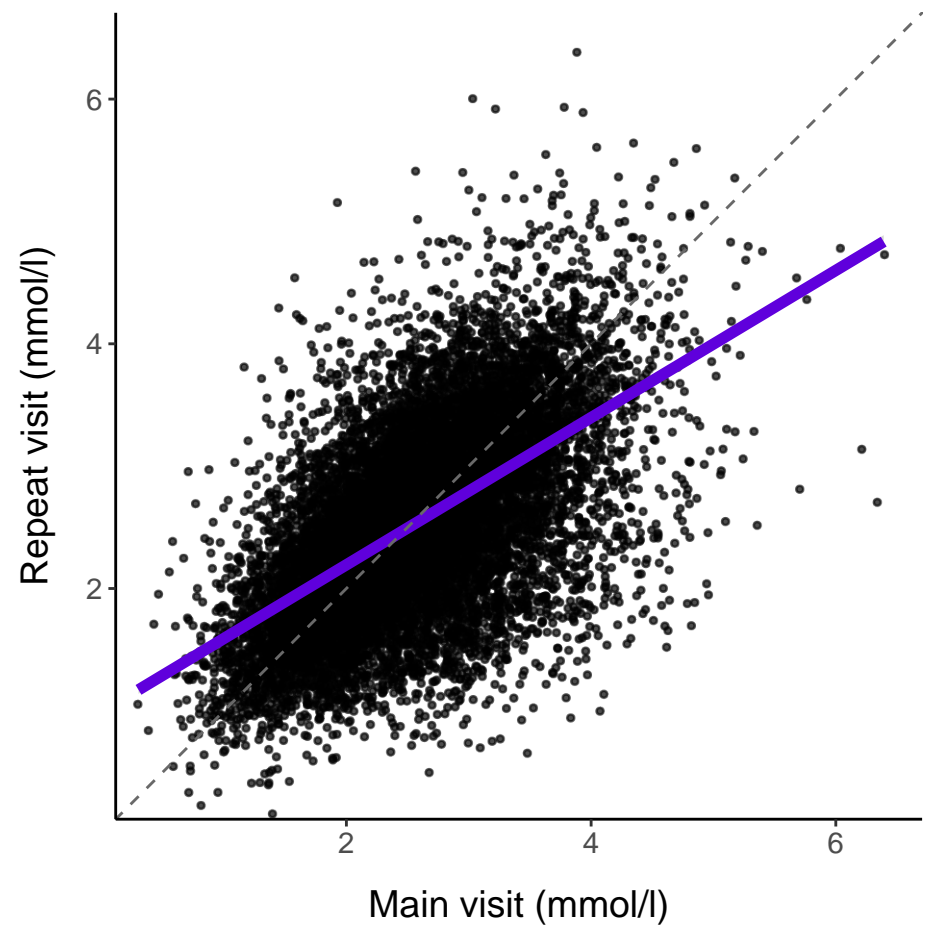
VLDL_C

R: 0.61
 $y = 0.28 + 0.61x$



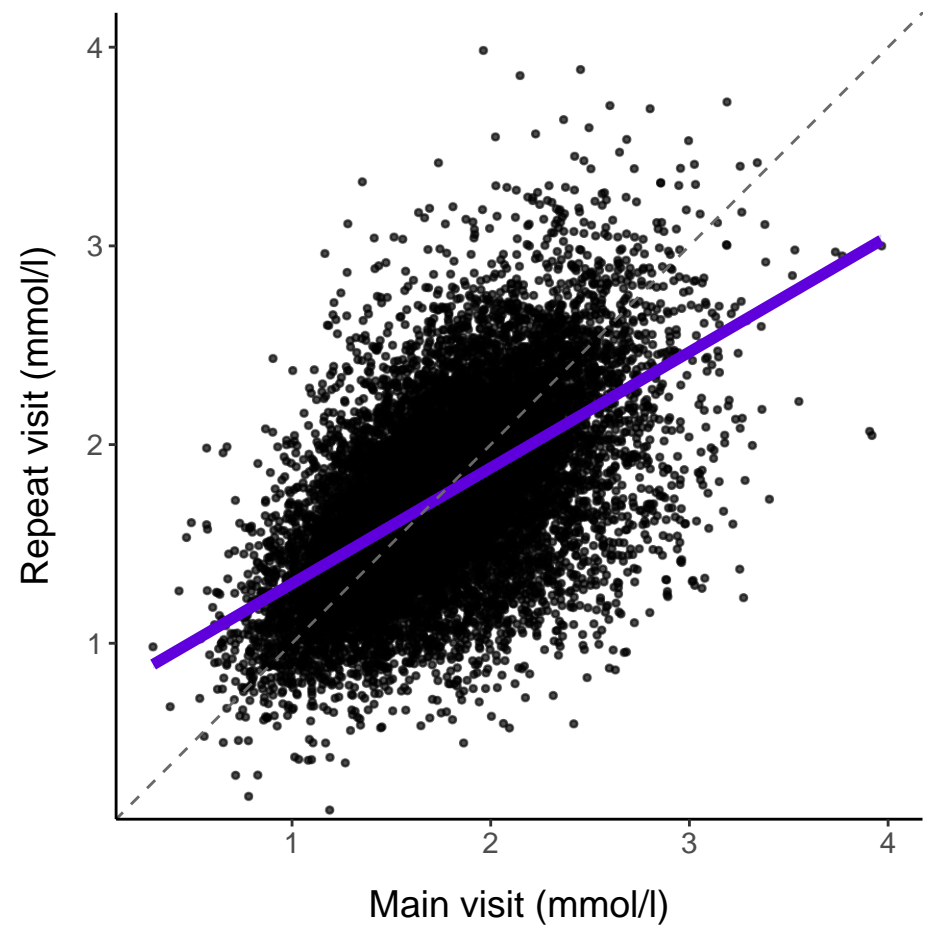
Clinical_LDL_C

R: 0.58
 $y = 0.99 + 0.60x$



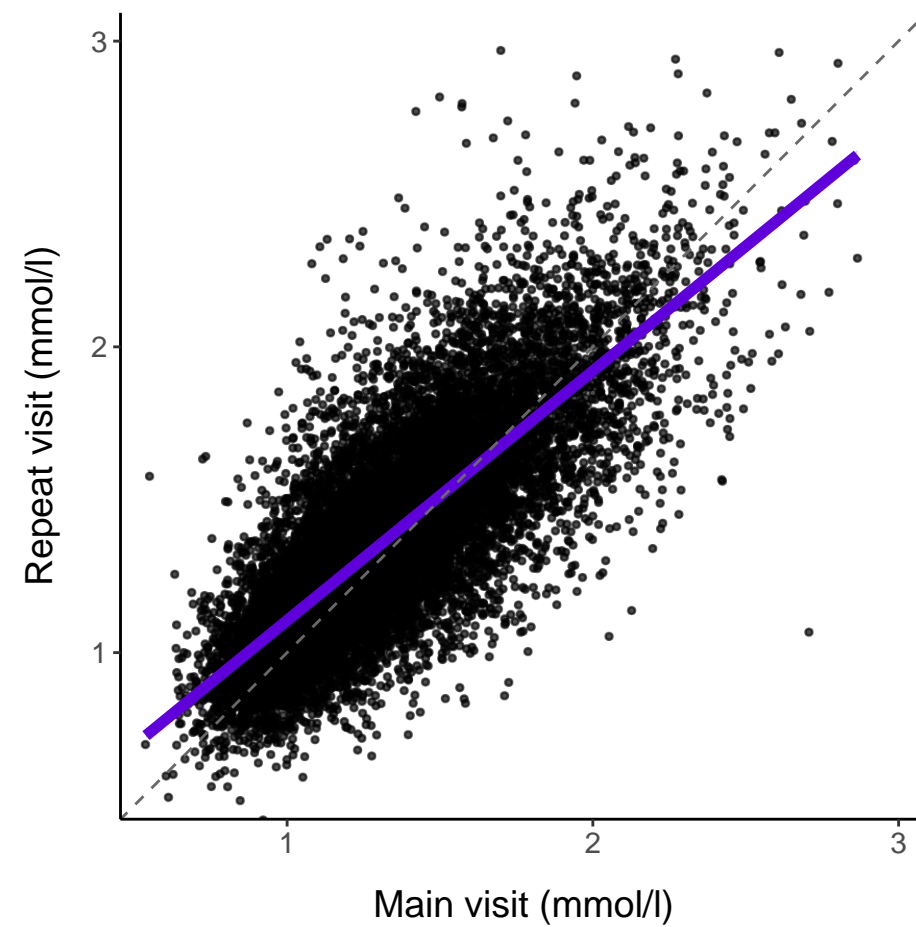
LDL_C

R: 0.57
 $y = 0.72 + 0.58x$



HDL_C

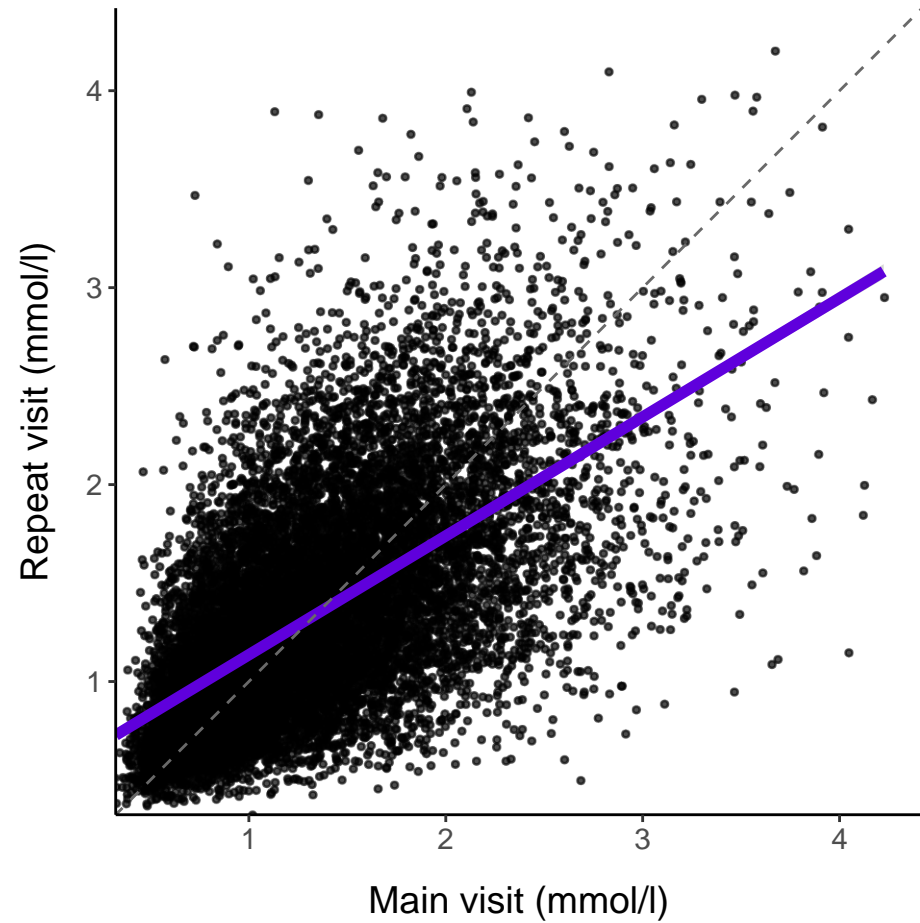
R: 0.78
 $y = 0.29 + 0.82x$



Triglycerides

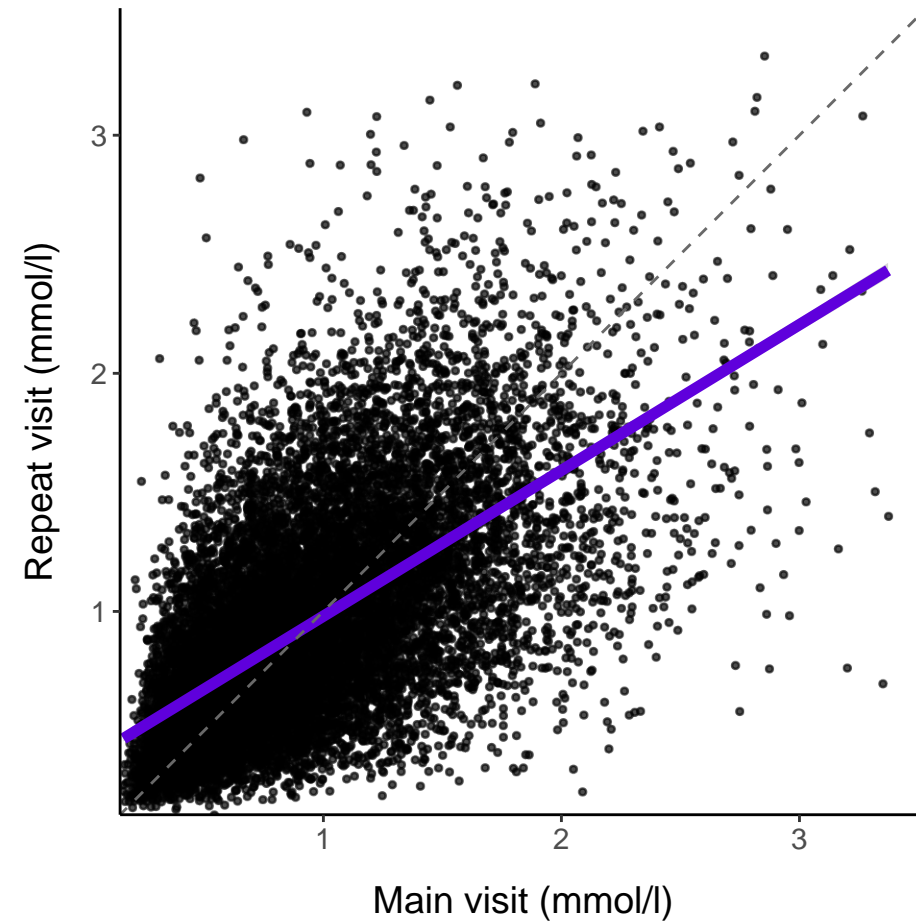
Total_TG

R: 0.62
 $y = 0.53 + 0.60x$



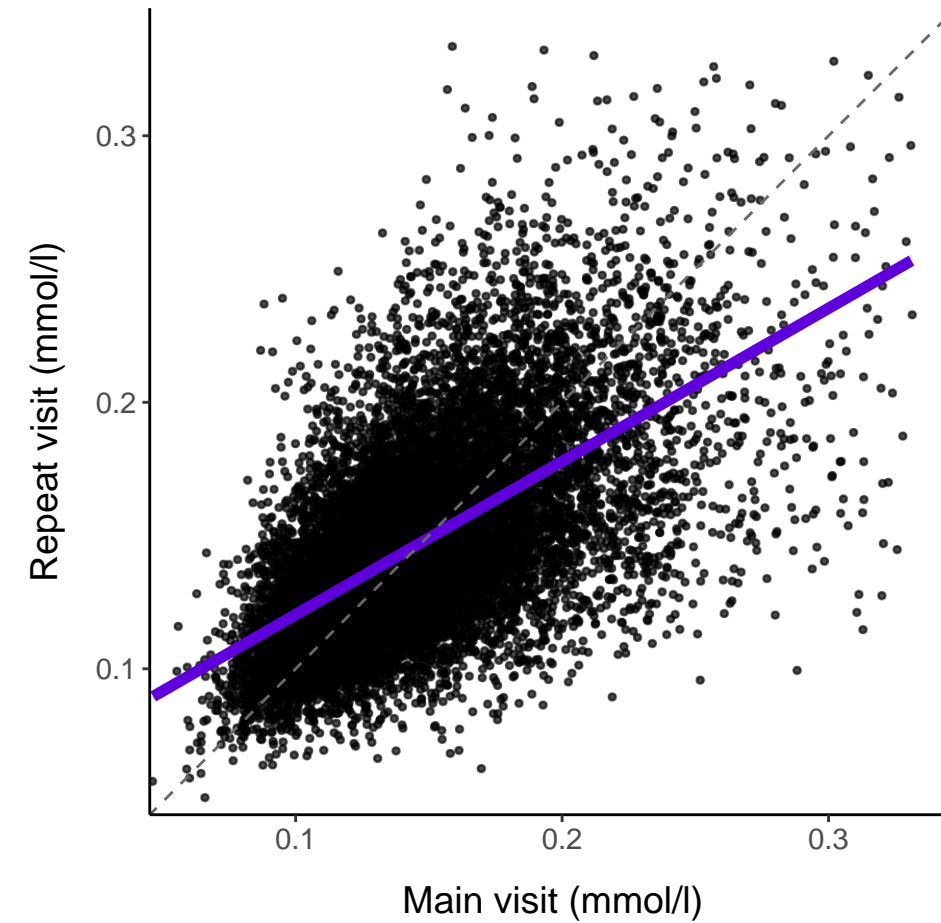
VLDL_TG

R: 0.62
 $y = 0.37 + 0.61x$



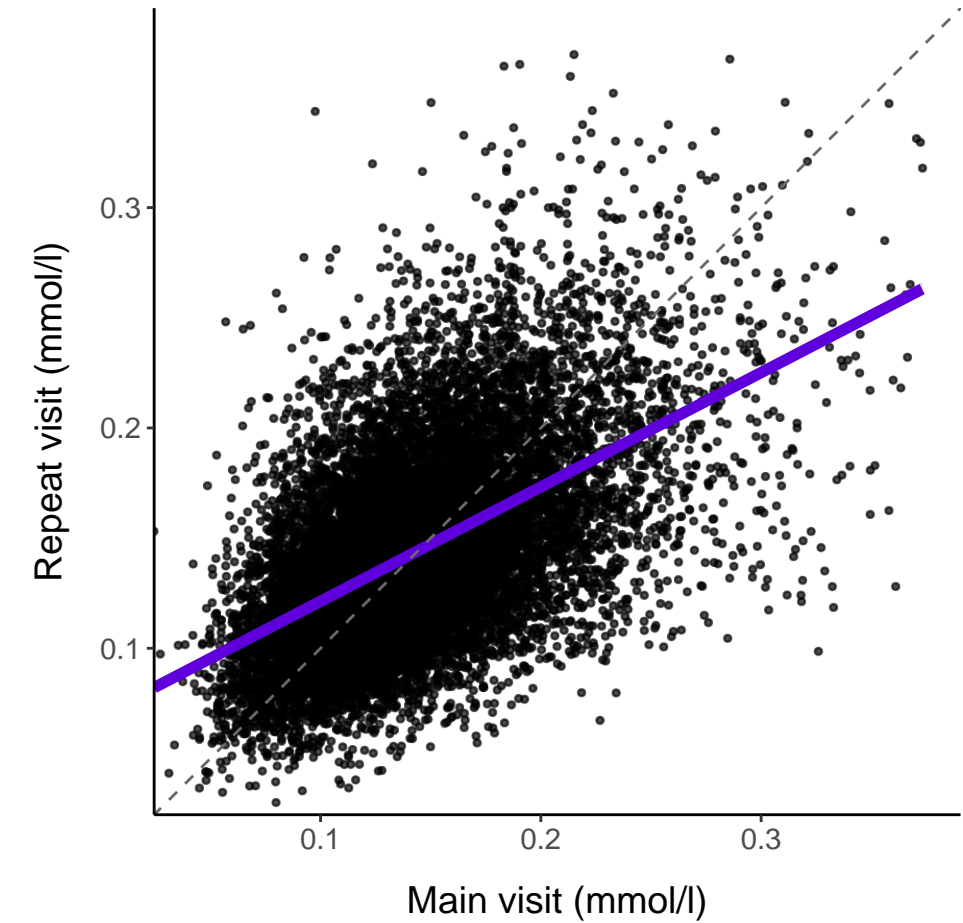
LDL_TG

R: 0.61
 $y = 0.06 + 0.57x$



HDL_TG

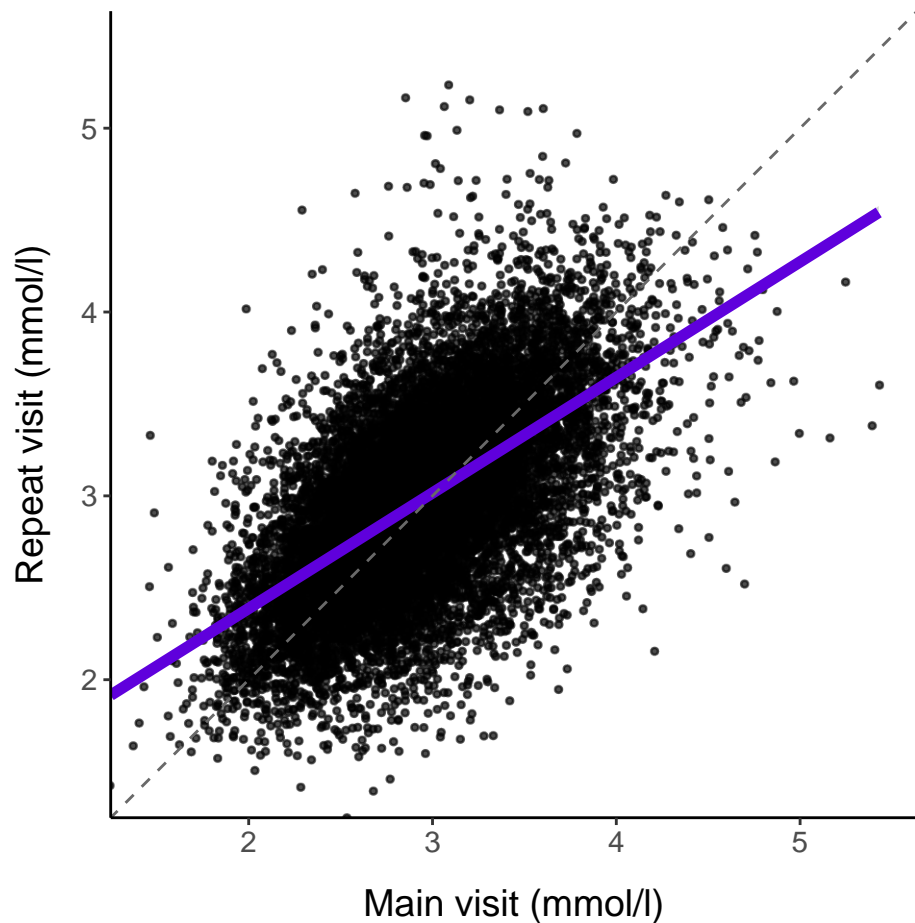
R: 0.54
 $y = 0.07 + 0.52x$



Phospholipids

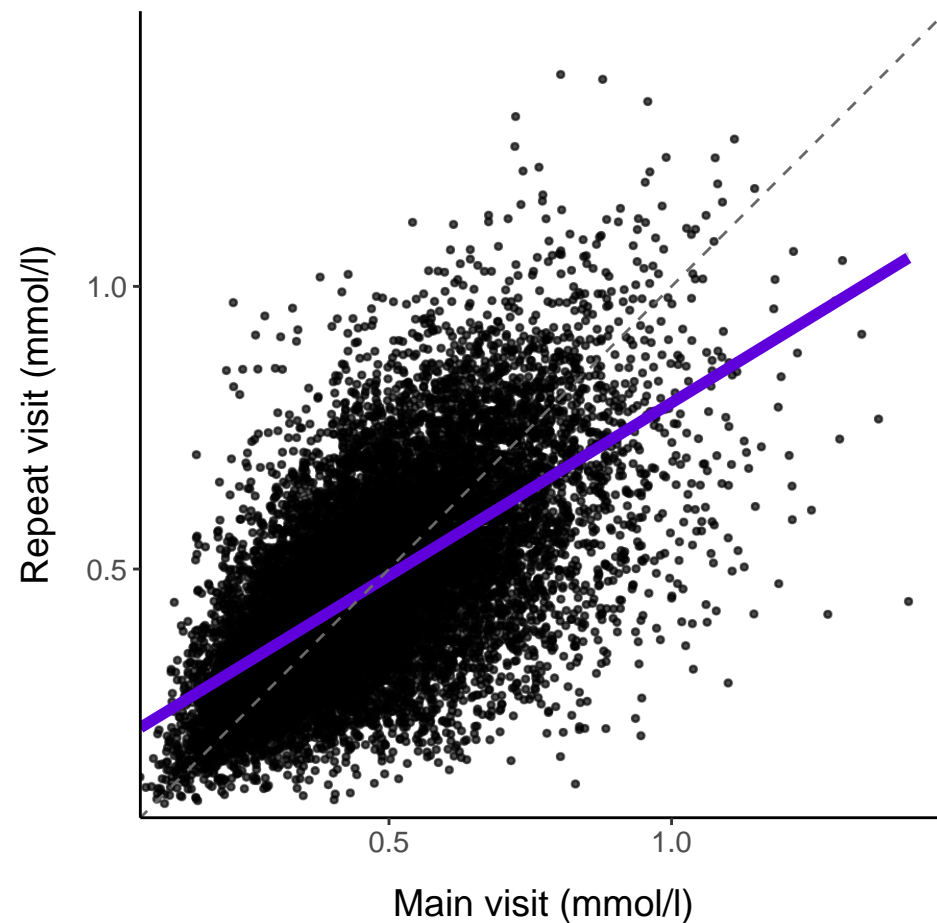
Total_PL

R: 0.6
 $y = 1.13 + 0.63x$



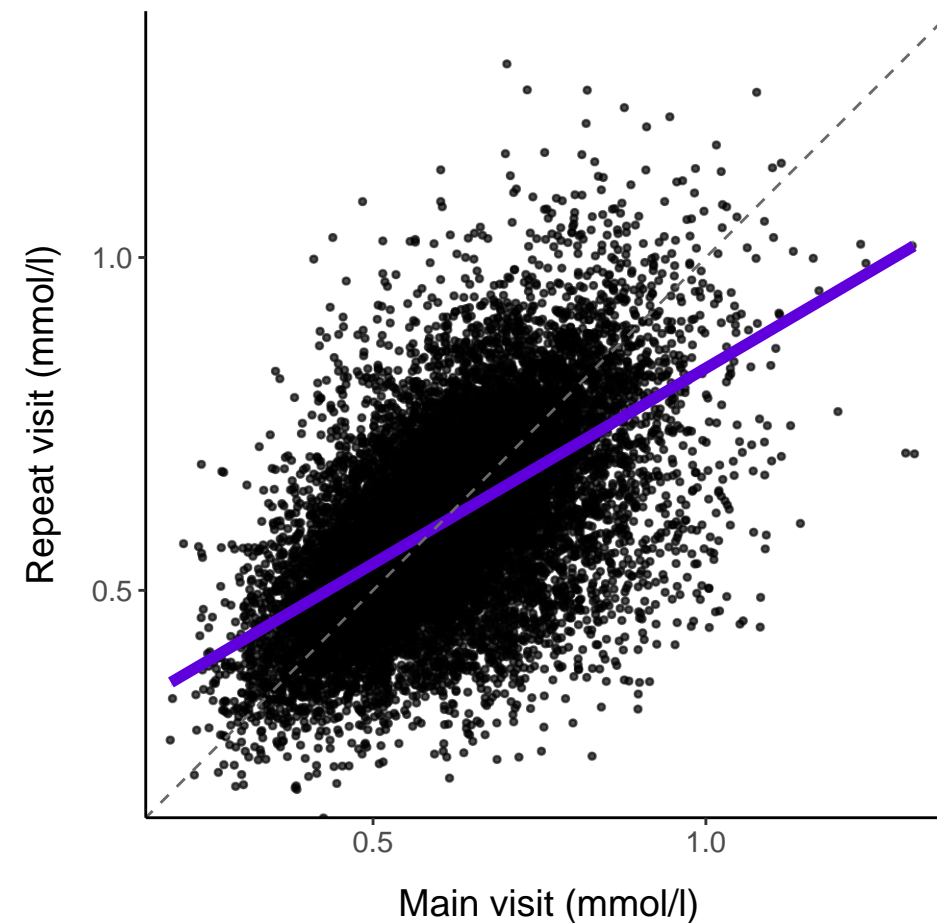
VLDL_PL

R: 0.63
 $y = 0.18 + 0.61x$



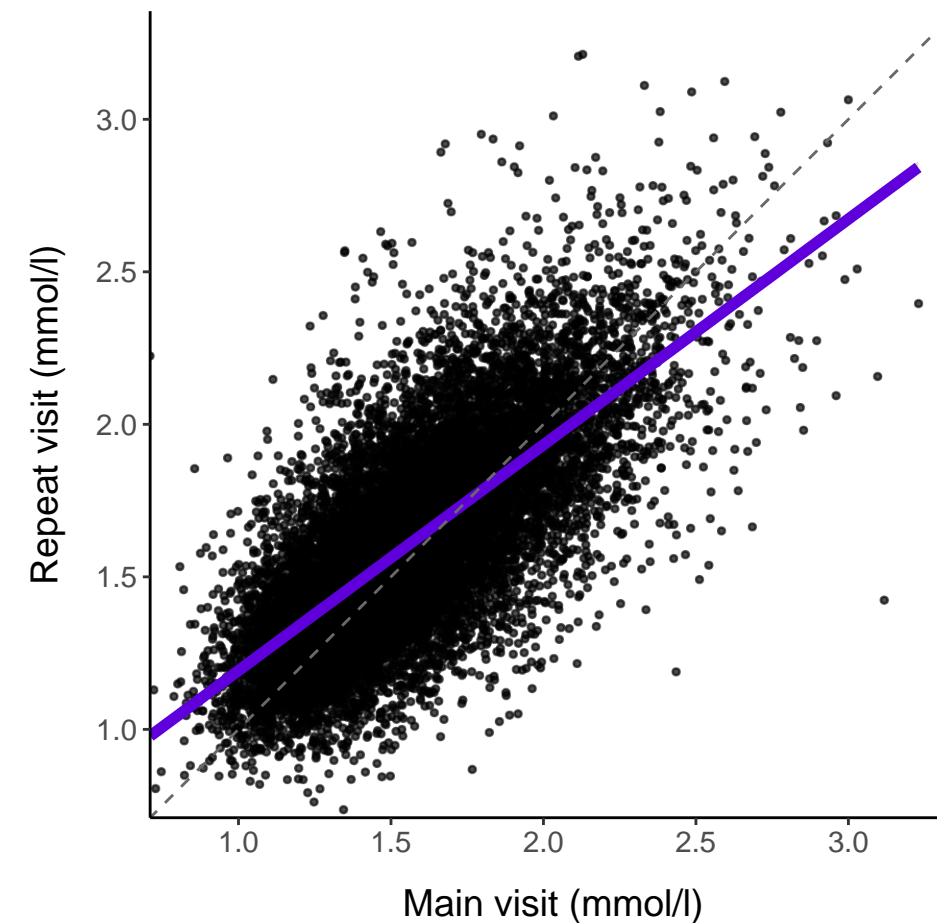
LDL_PL

R: 0.58
 $y = 0.25 + 0.59x$



HDL_PL

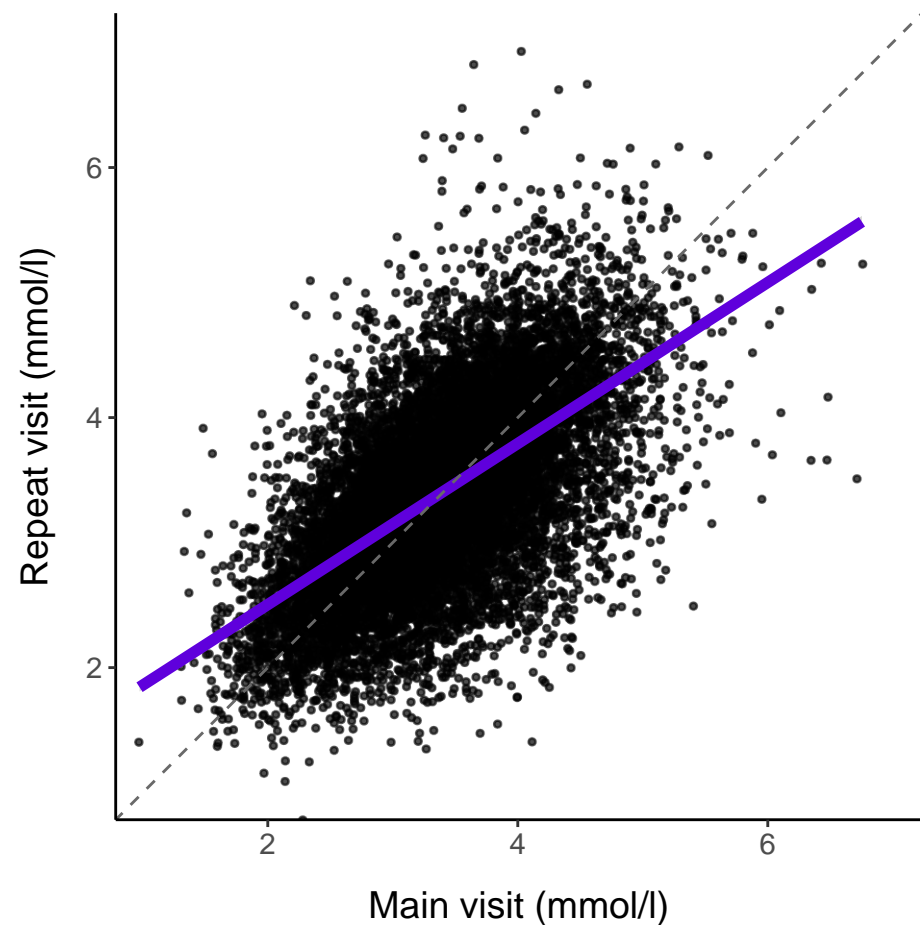
R: 0.71
 $y = 0.45 + 0.74x$



Cholesteryl esters

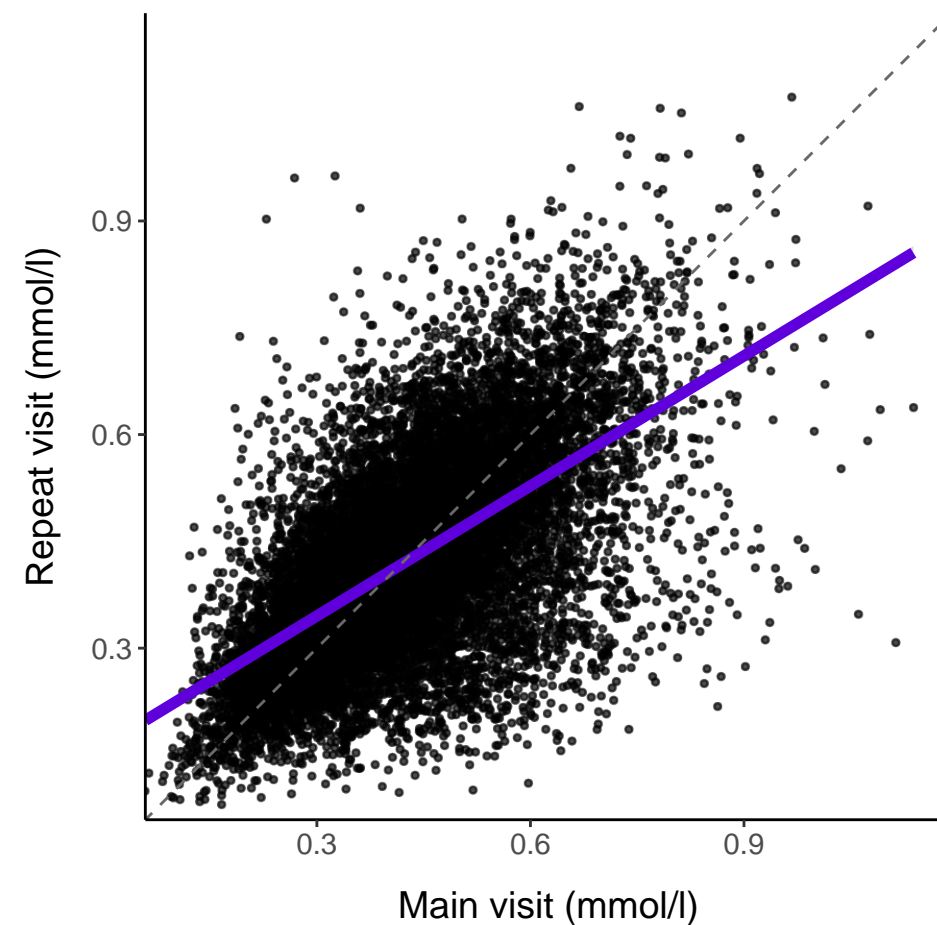
Total_CE

R: 0.61
 $y = 1.22 + 0.64x$



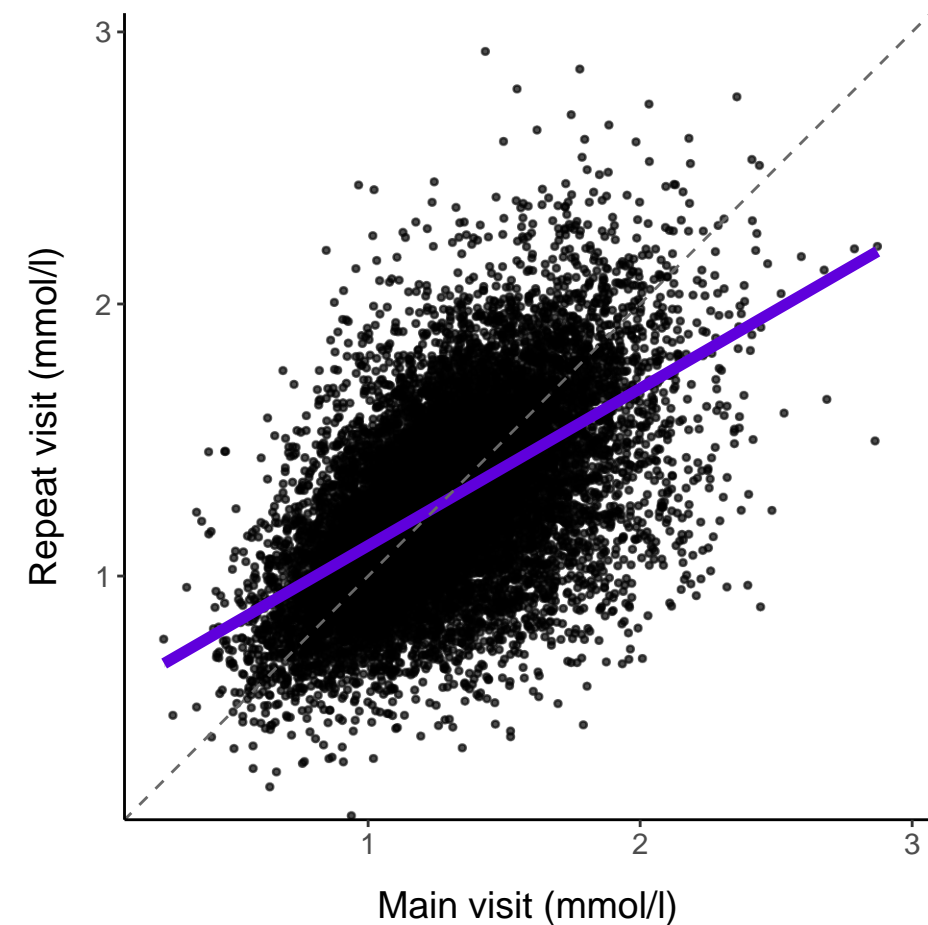
VLDL_CE

R: 0.61
 $y = 0.16 + 0.61x$



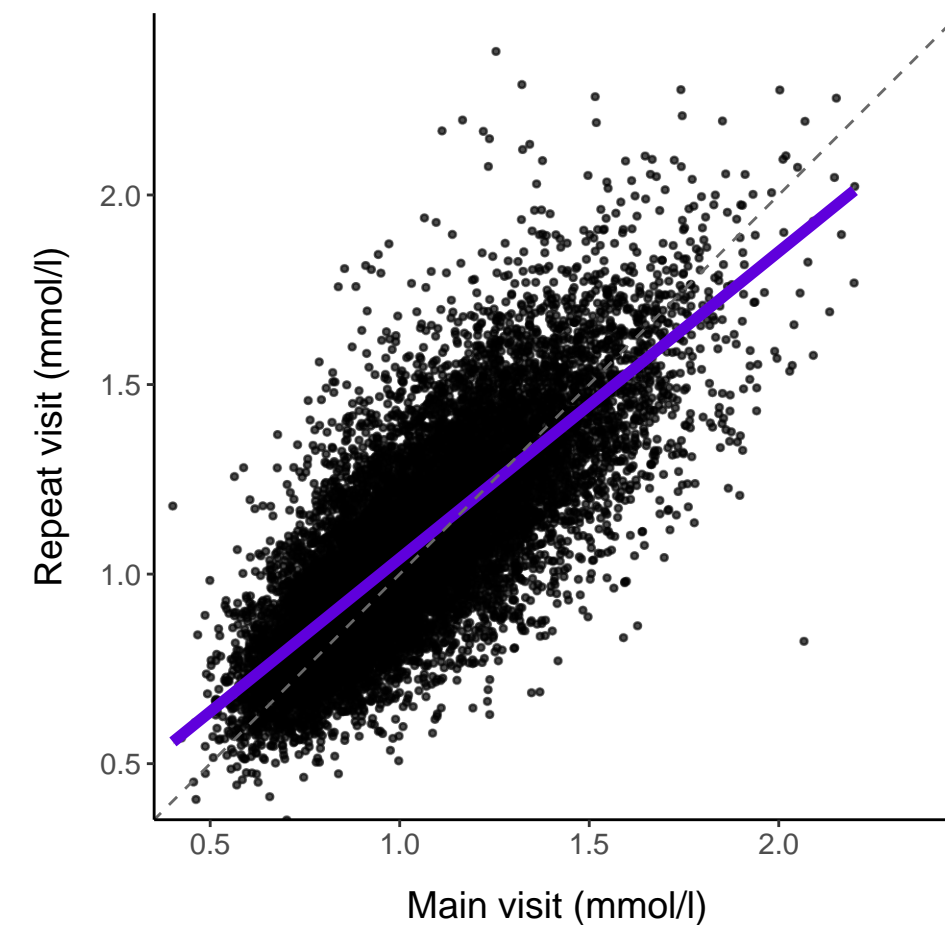
LDL_CE

R: 0.56
 $y = 0.53 + 0.58x$



HDL_CE

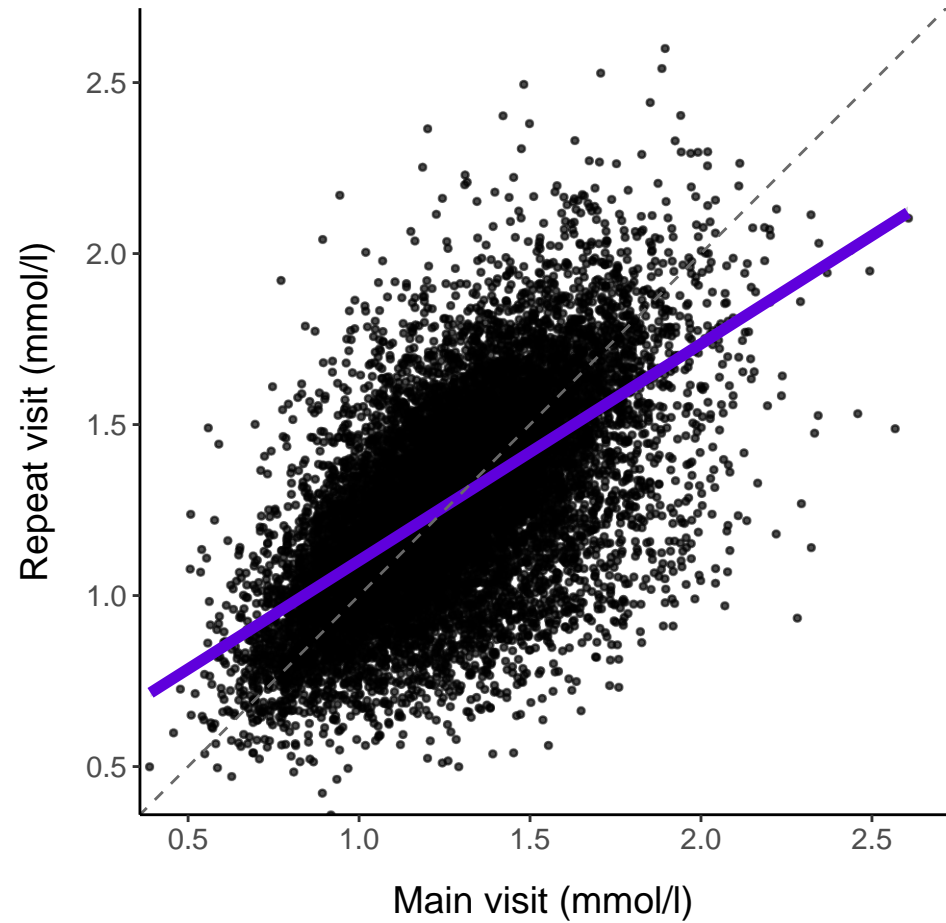
R: 0.77
 $y = 0.23 + 0.81x$



Free cholesterol

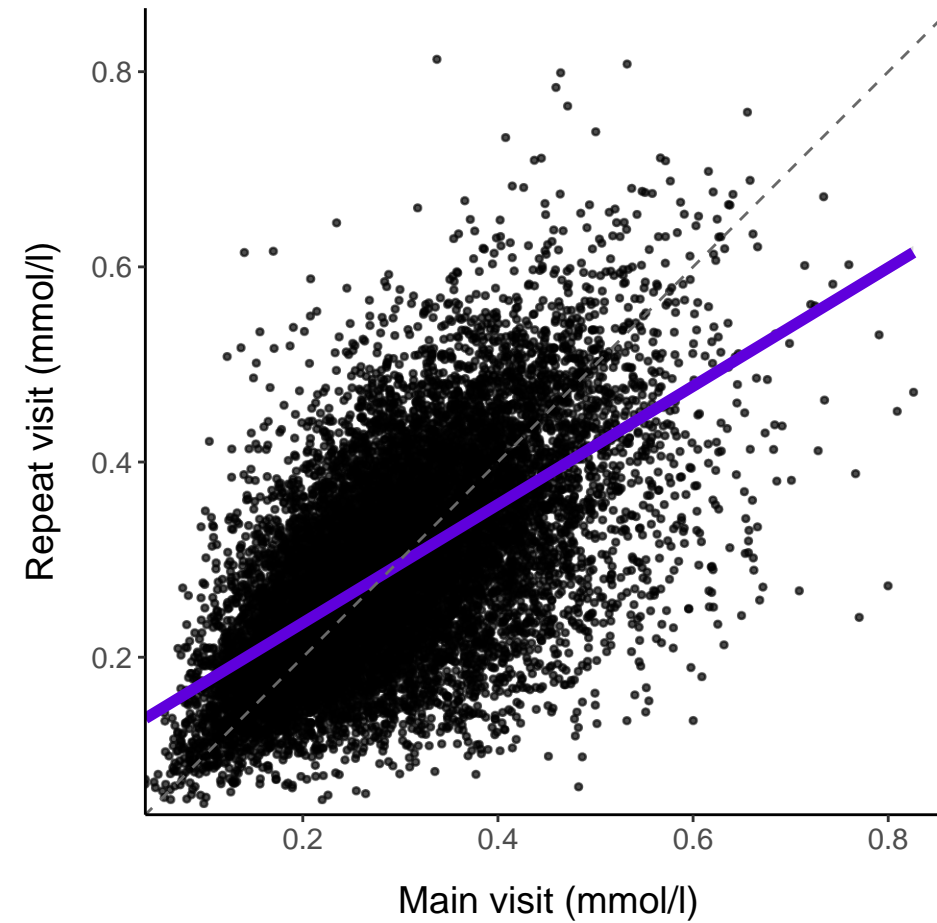
Total_FC

R: 0.6
 $y = 0.47 + 0.63x$



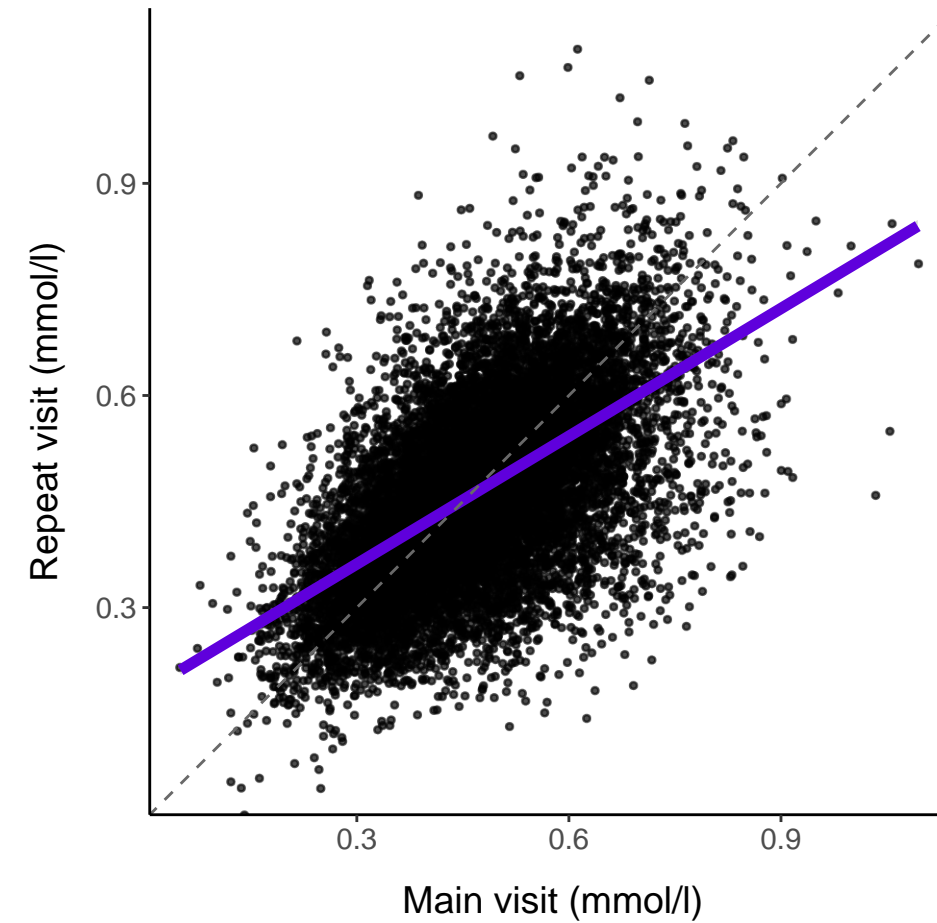
VLDL_FC

R: 0.62
 $y = 0.11 + 0.61x$



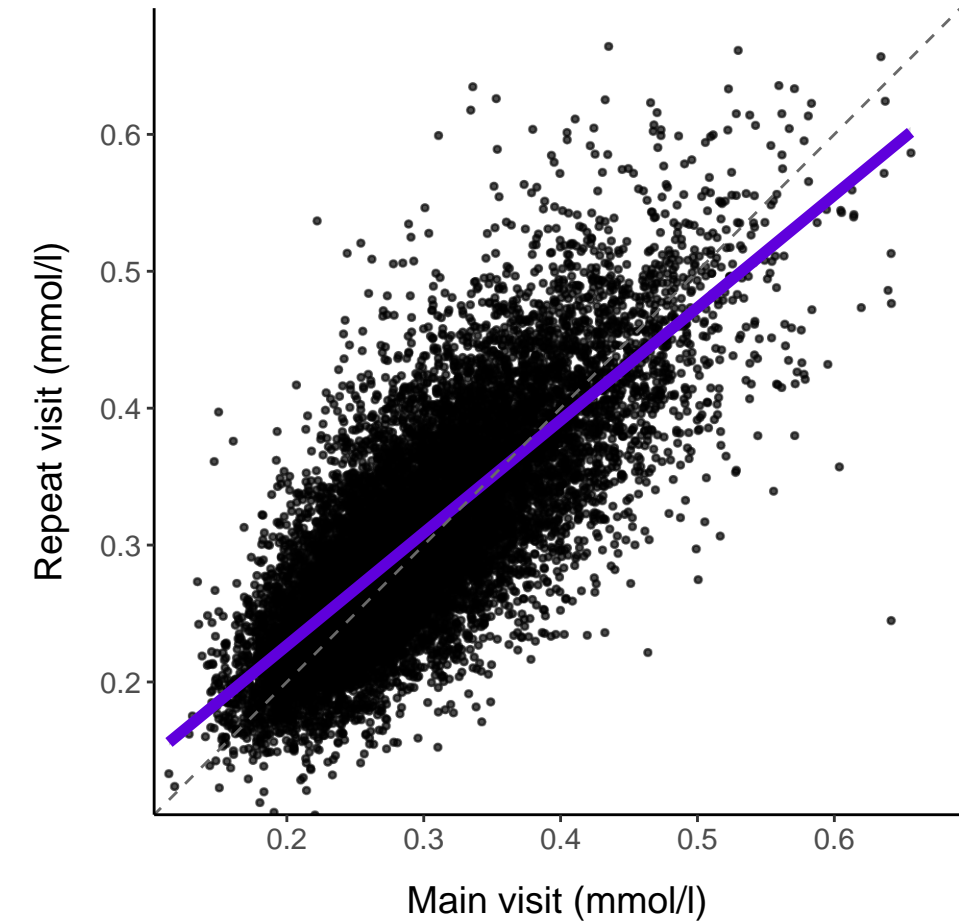
LDL_FC

R: 0.58
 $y = 0.18 + 0.60x$



HDL_FC

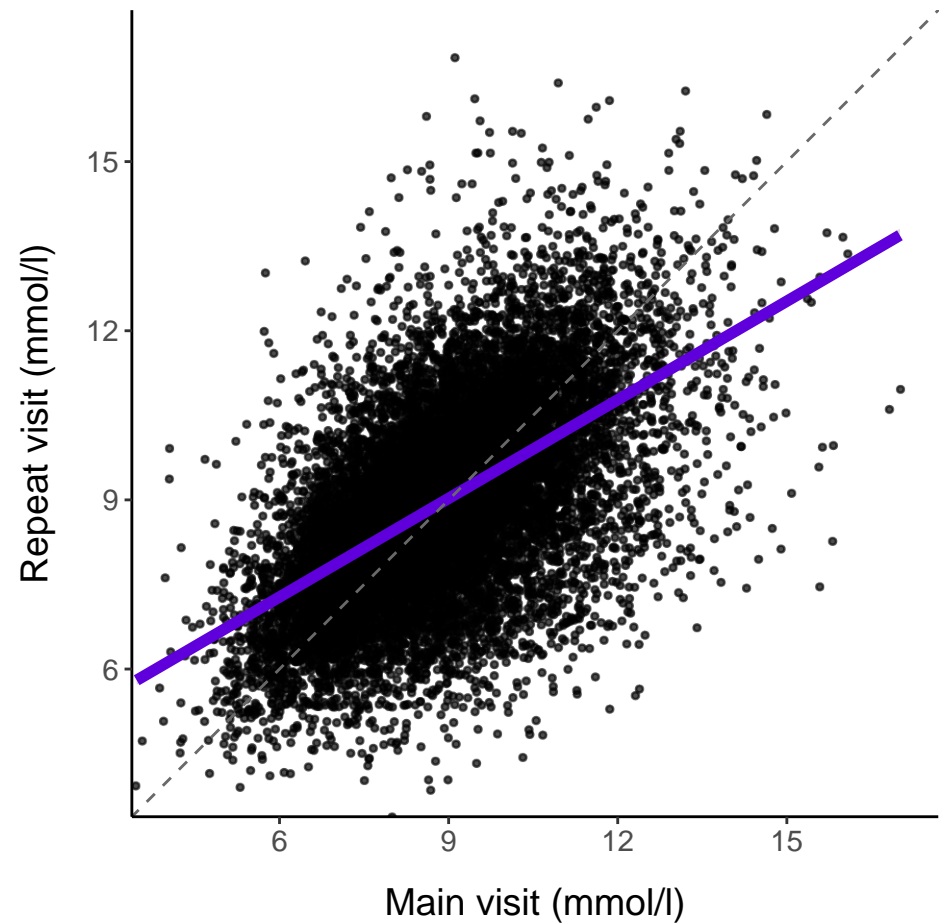
R: 0.77
 $y = 0.06 + 0.82x$



Total lipids

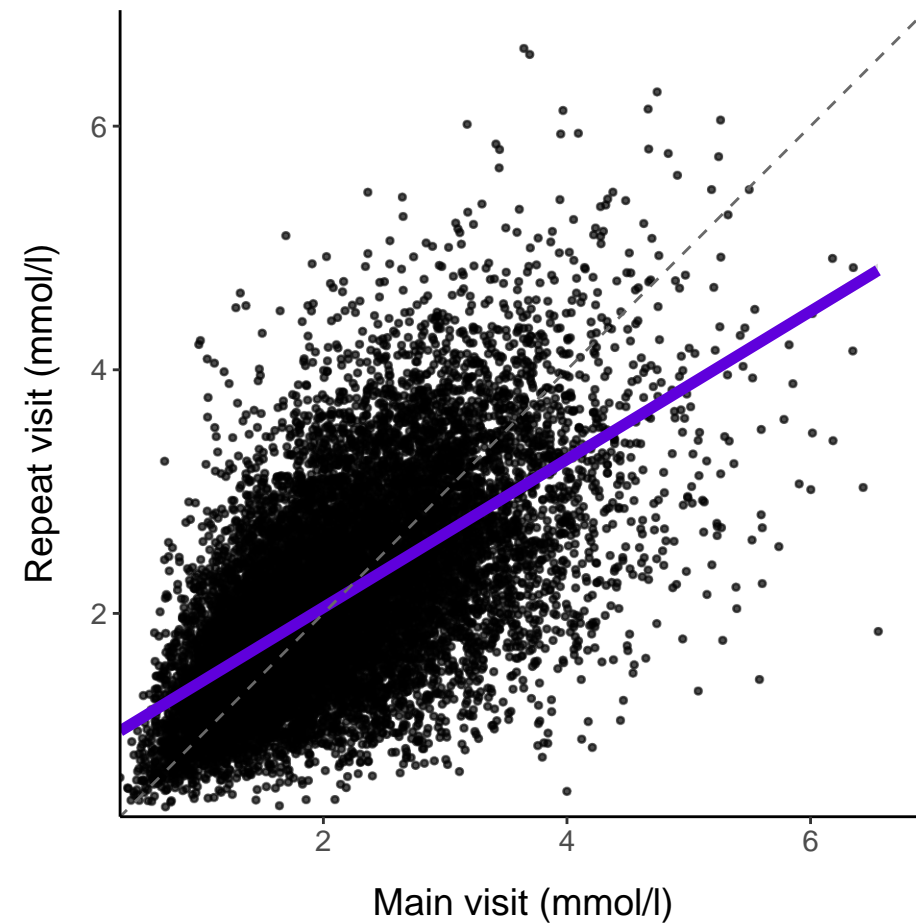
Total_L

R: 0.56
 $y = 3.78 + 0.58x$



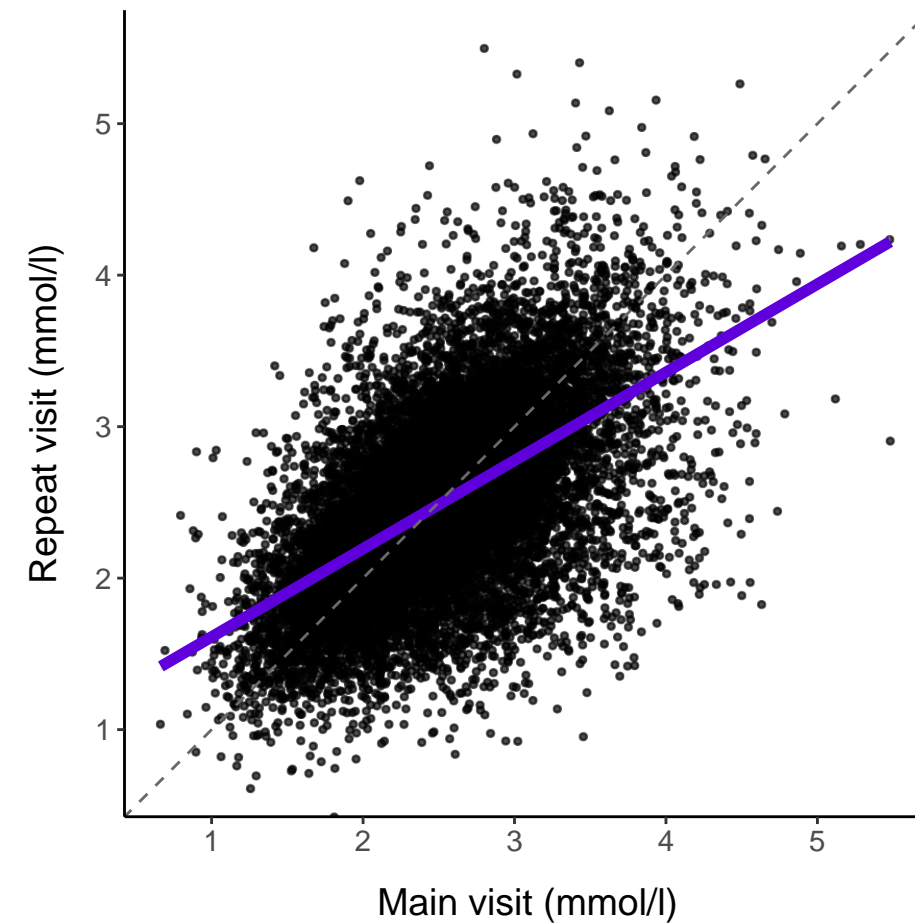
VLDL_L

R: 0.62
 $y = 0.83 + 0.61x$



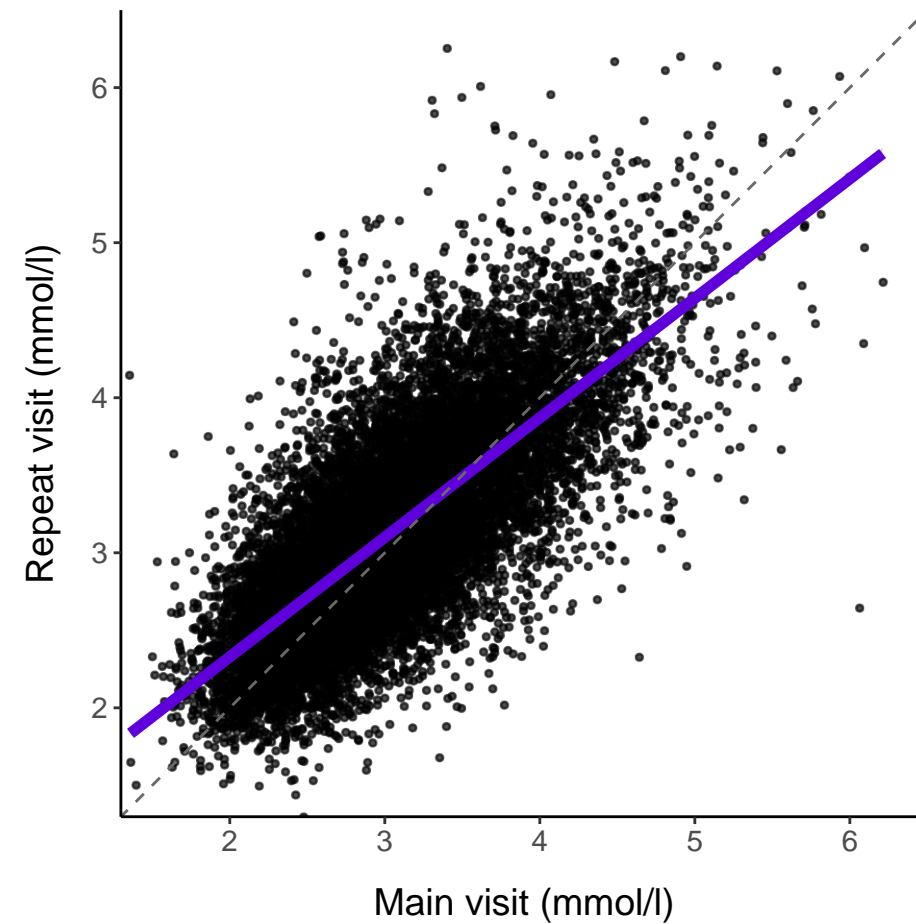
LDL_L

R: 0.57
 $y = 1.03 + 0.58x$



HDL_L

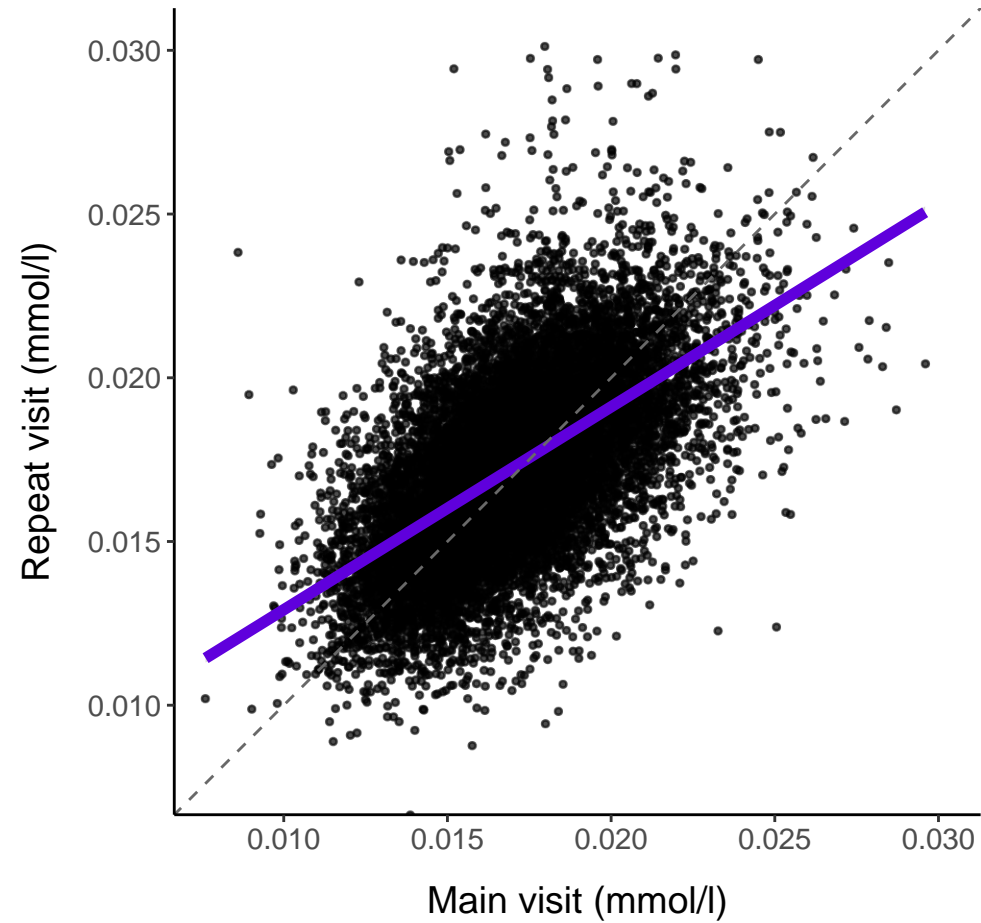
R: 0.74
 $y = 0.79 + 0.77x$



Lipoprotein particle concentrations

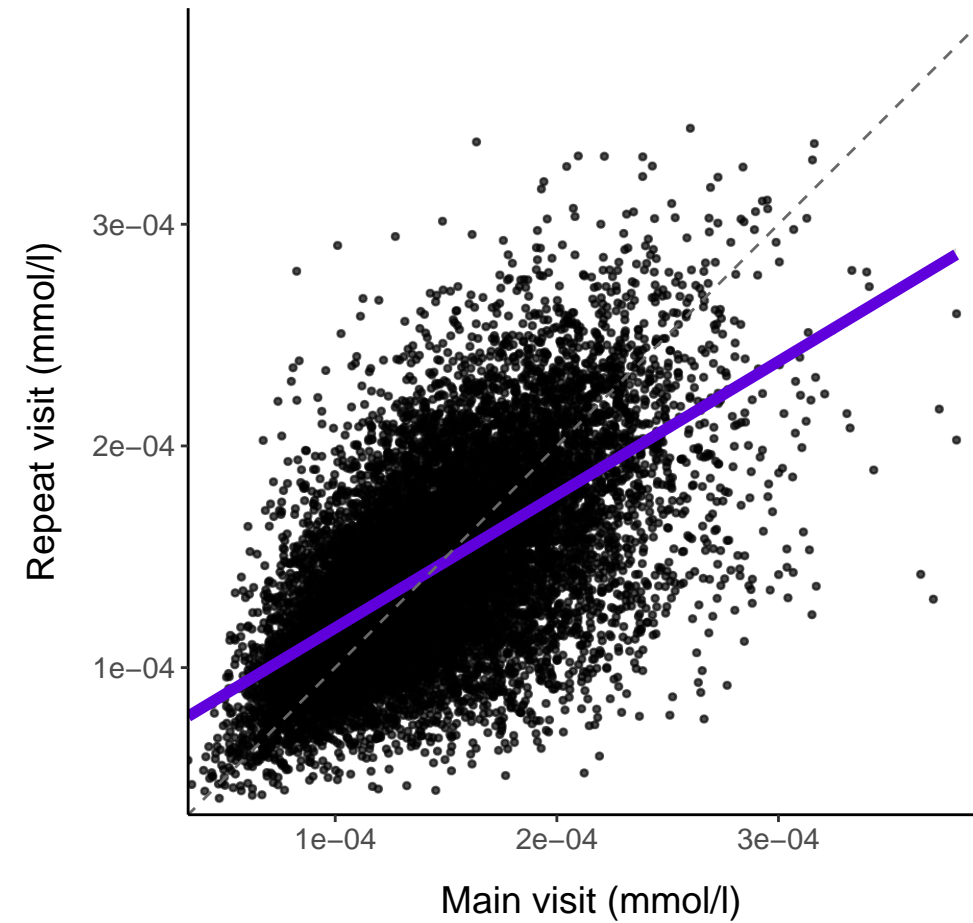
Total_P

R: 0.59
 $y = 0.01 + 0.62x$



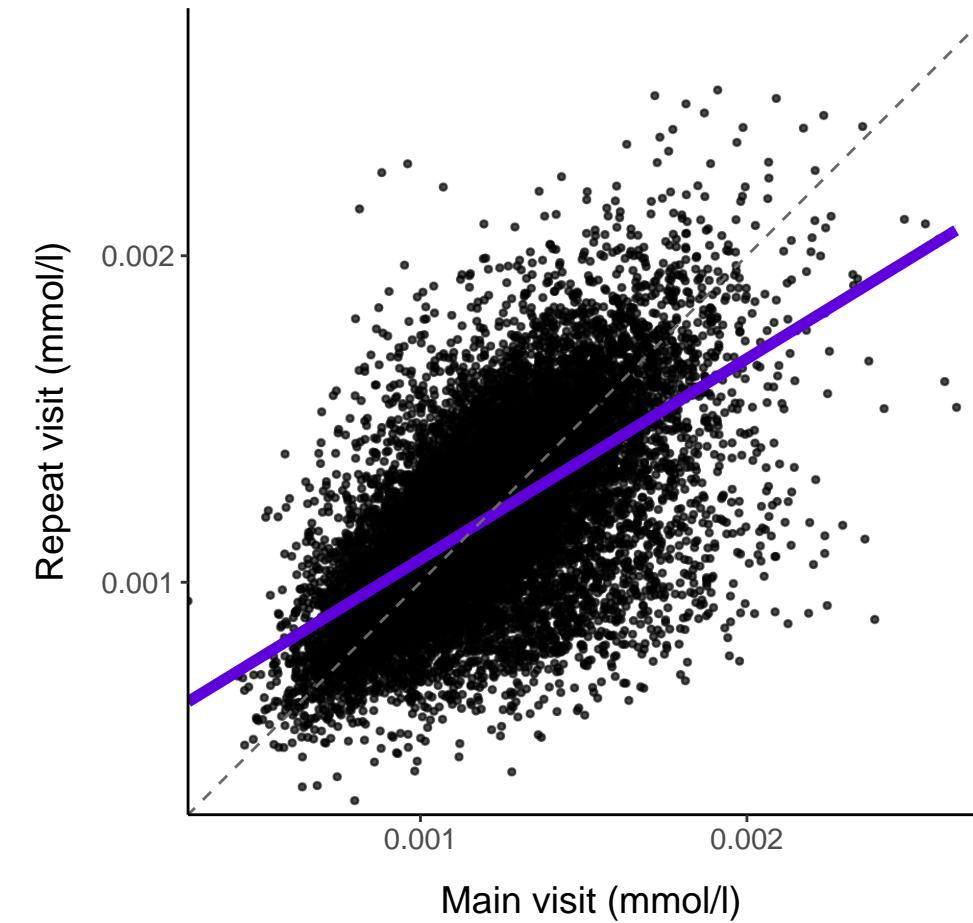
VLDL_P

R: 0.62
 $y = 0.00 + 0.60x$



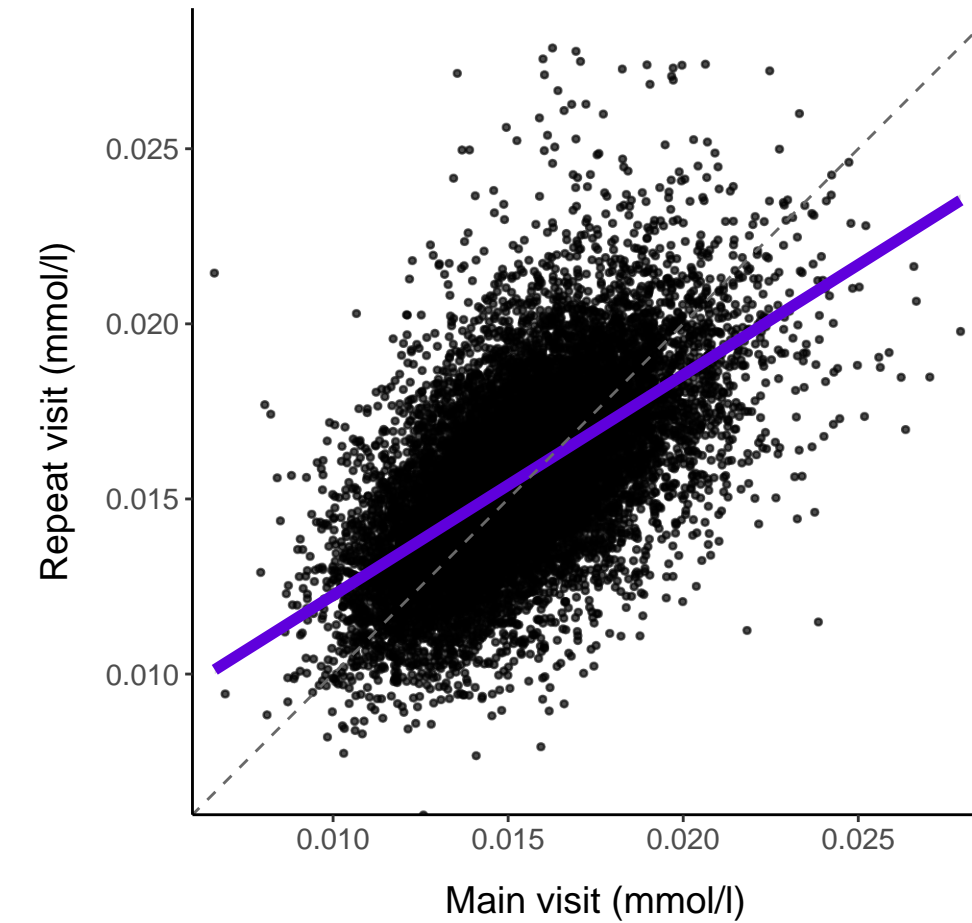
LDL_P

R: 0.61
 $y = 0.00 + 0.61x$



HDL_P

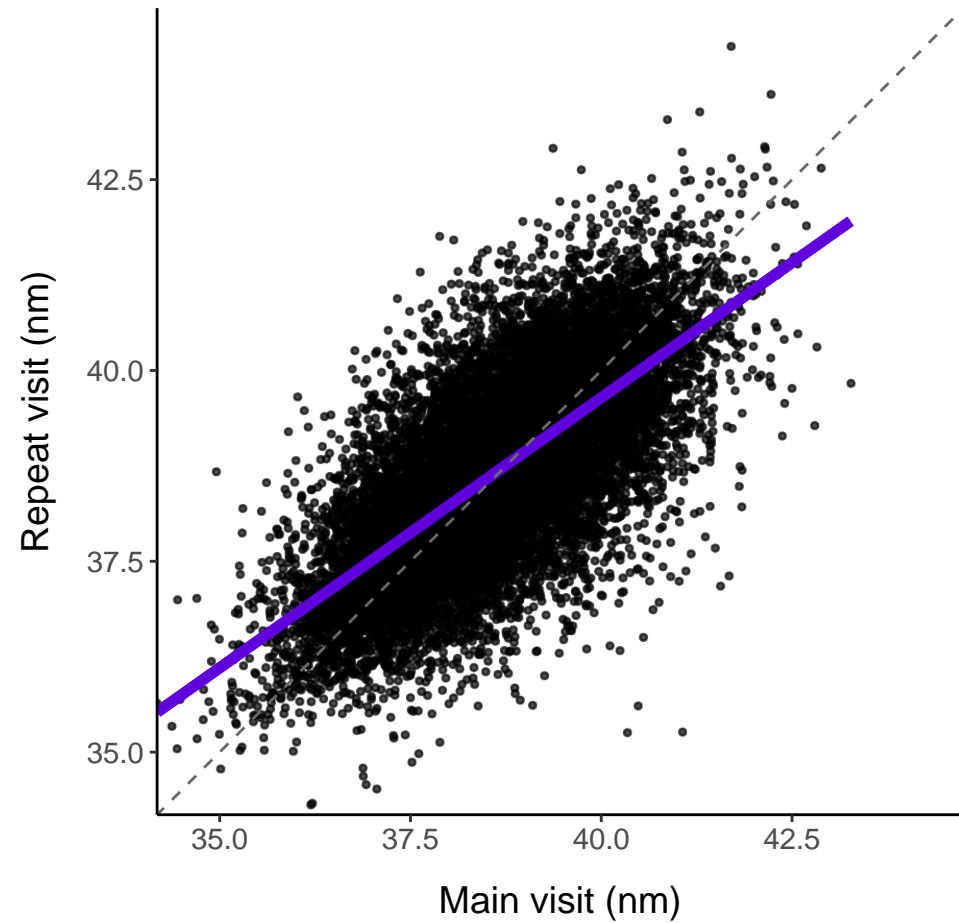
R: 0.6
 $y = 0.01 + 0.63x$



Lipoprotein particle sizes

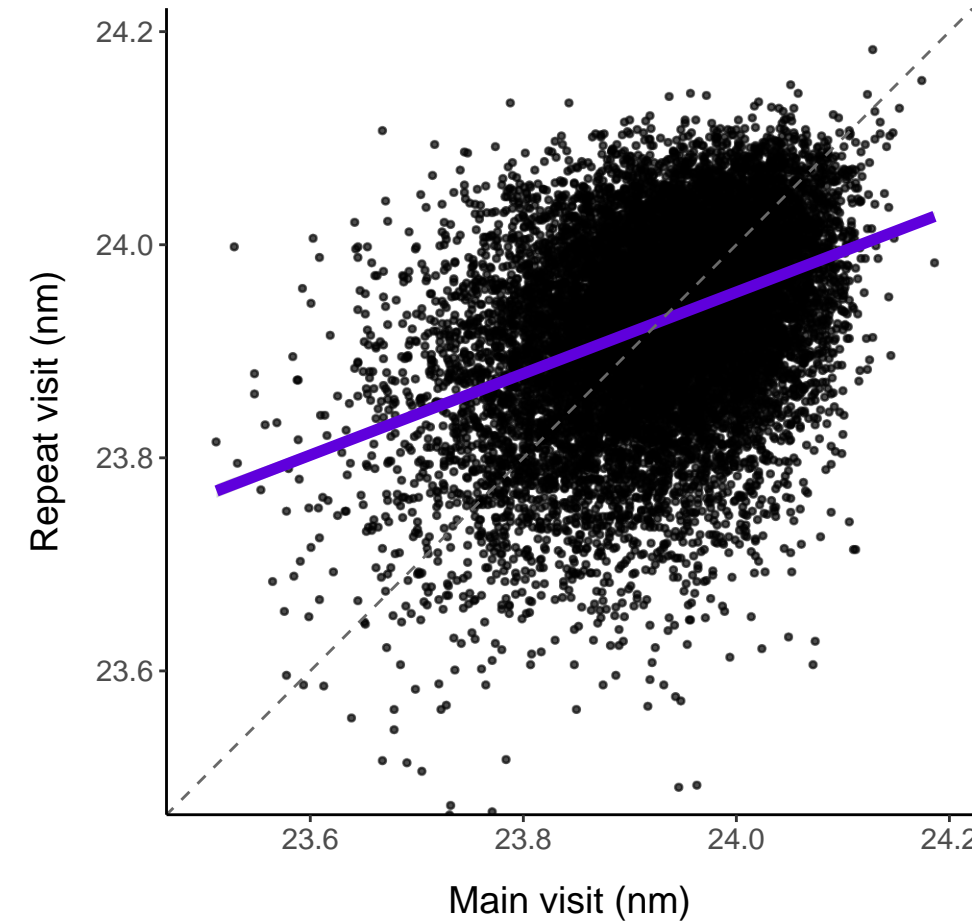
VLDL_size

R: 0.7
 $y = 11.33 + 0.71x$



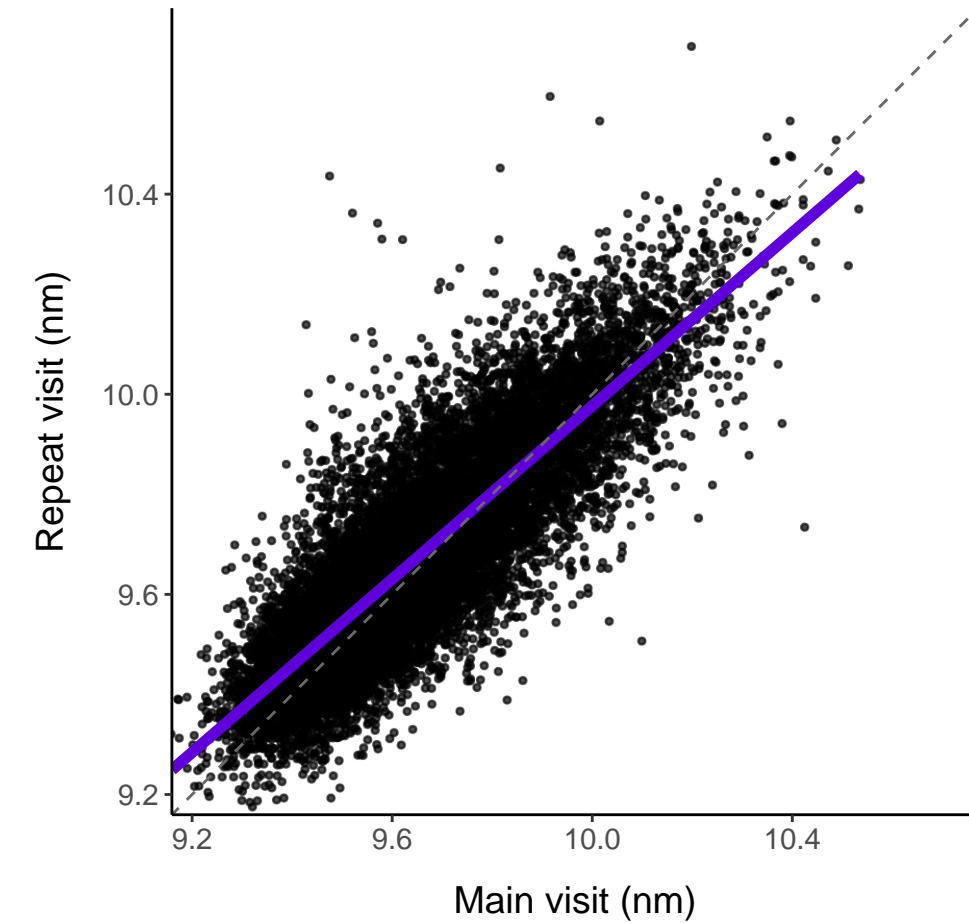
LDL_size

R: 0.38
 $y = 14.78 + 0.38x$



HDL_size

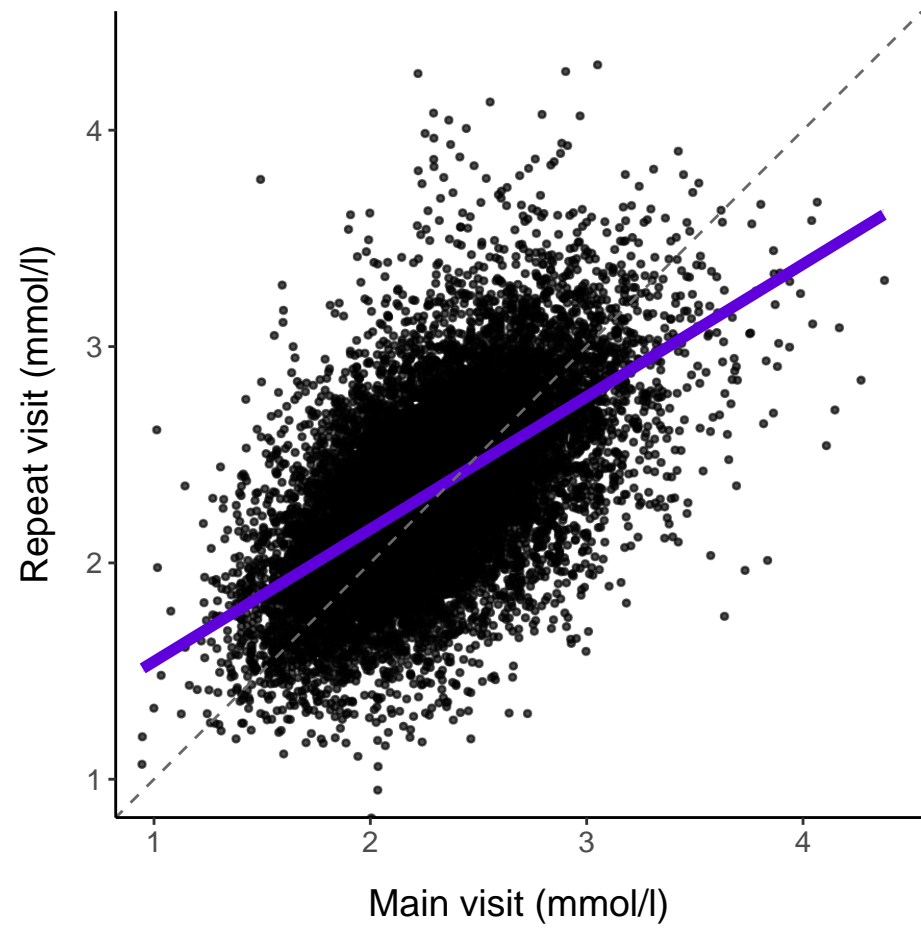
R: 0.84
 $y = 1.32 + 0.87x$



Other lipids

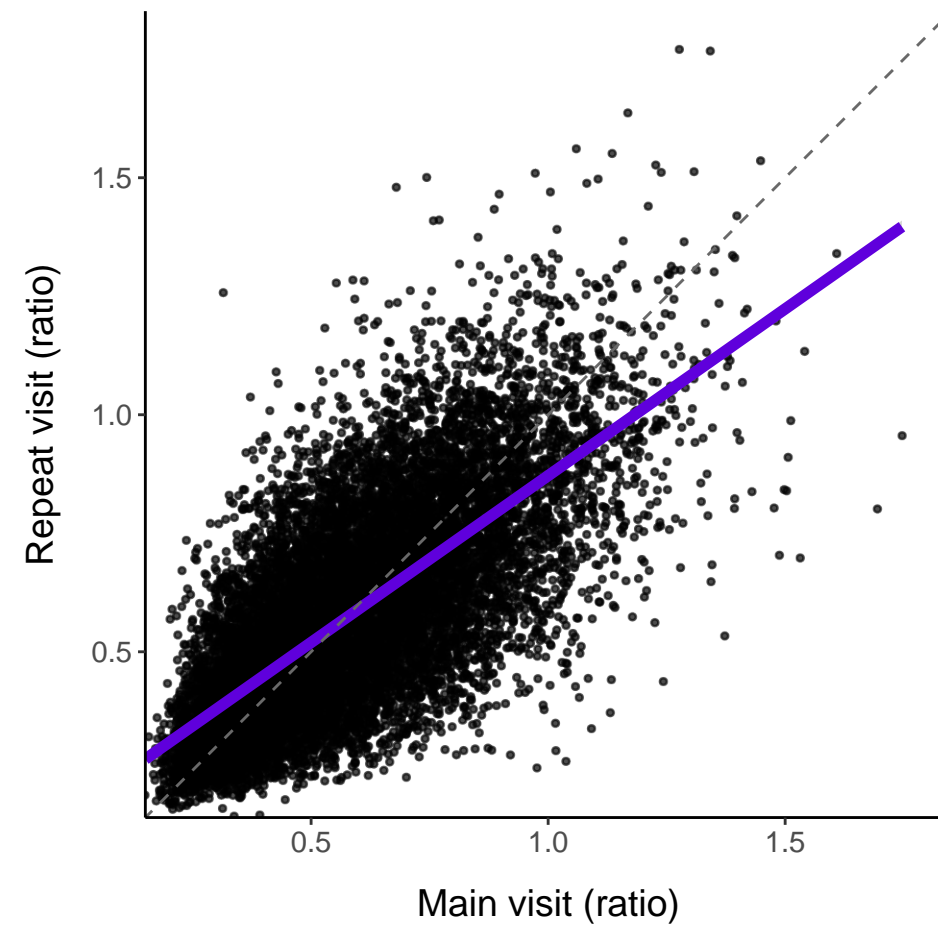
Phosphoglyc

R: 0.58
 $y = 0.93 + 0.61x$



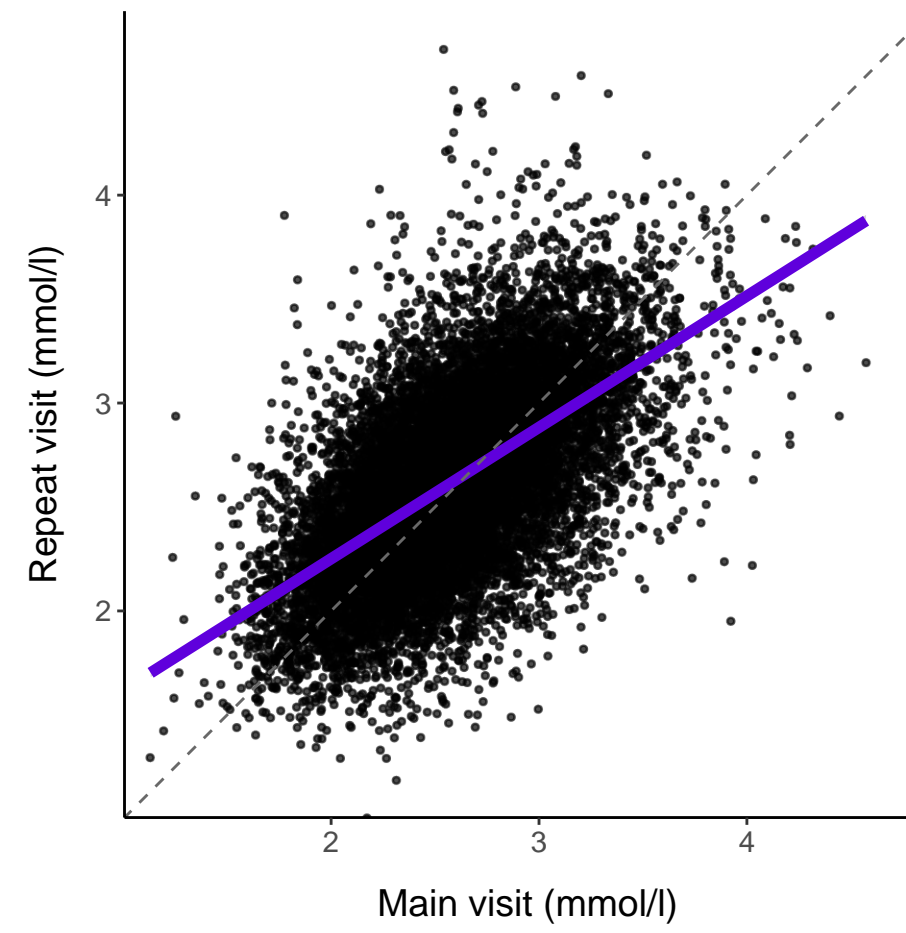
TG_by_PG

R: 0.72
 $y = 0.17 + 0.70x$



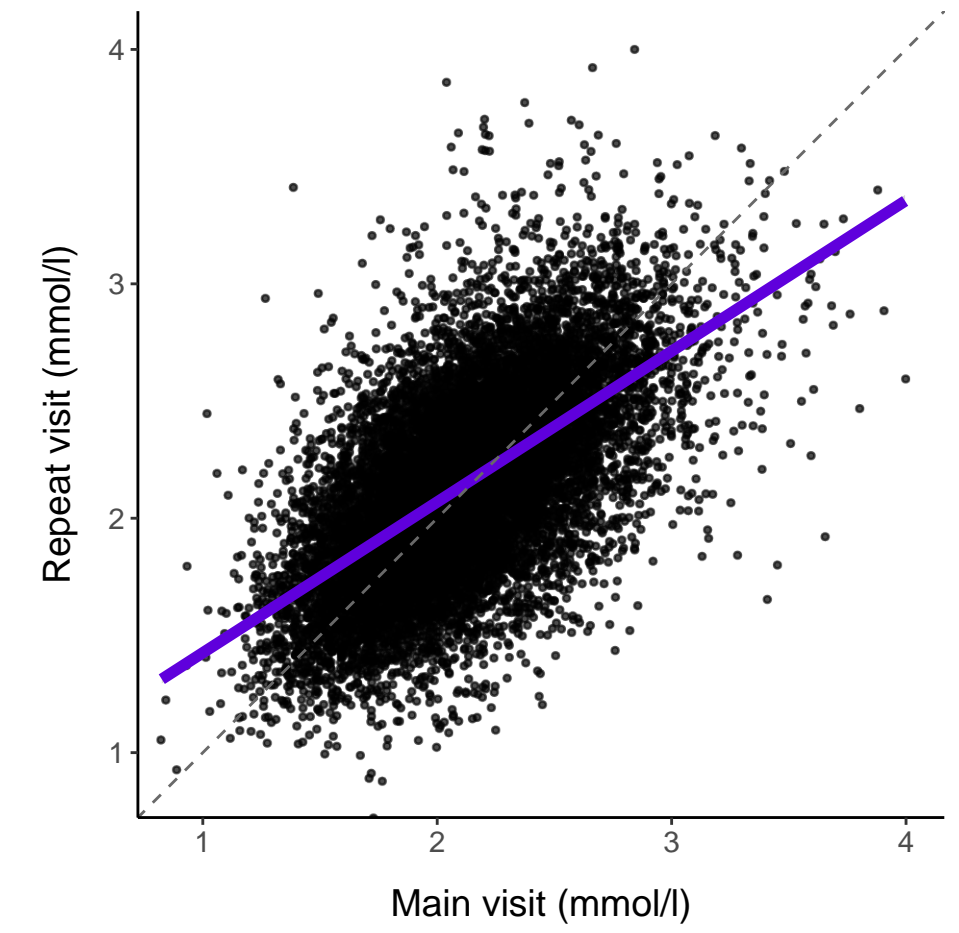
Cholines

R: 0.6
 $y = 0.99 + 0.63x$



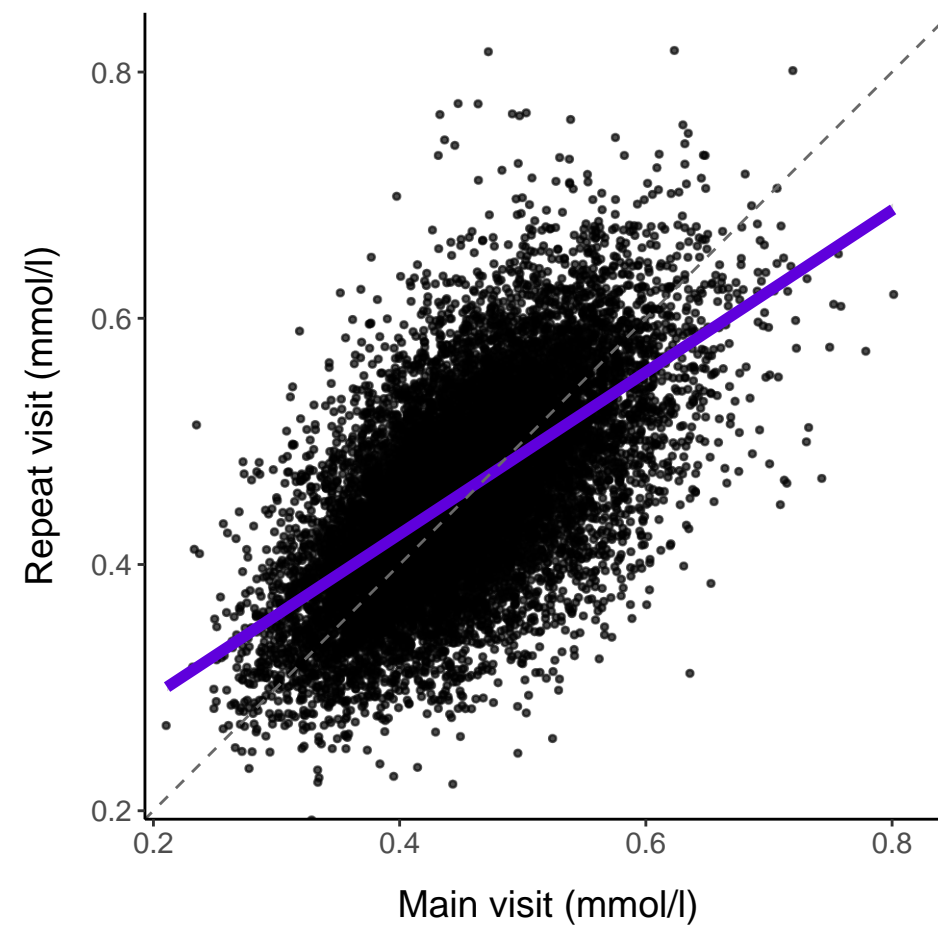
Phosphatidylc

R: 0.61
 $y = 0.78 + 0.64x$



Sphingomyelins

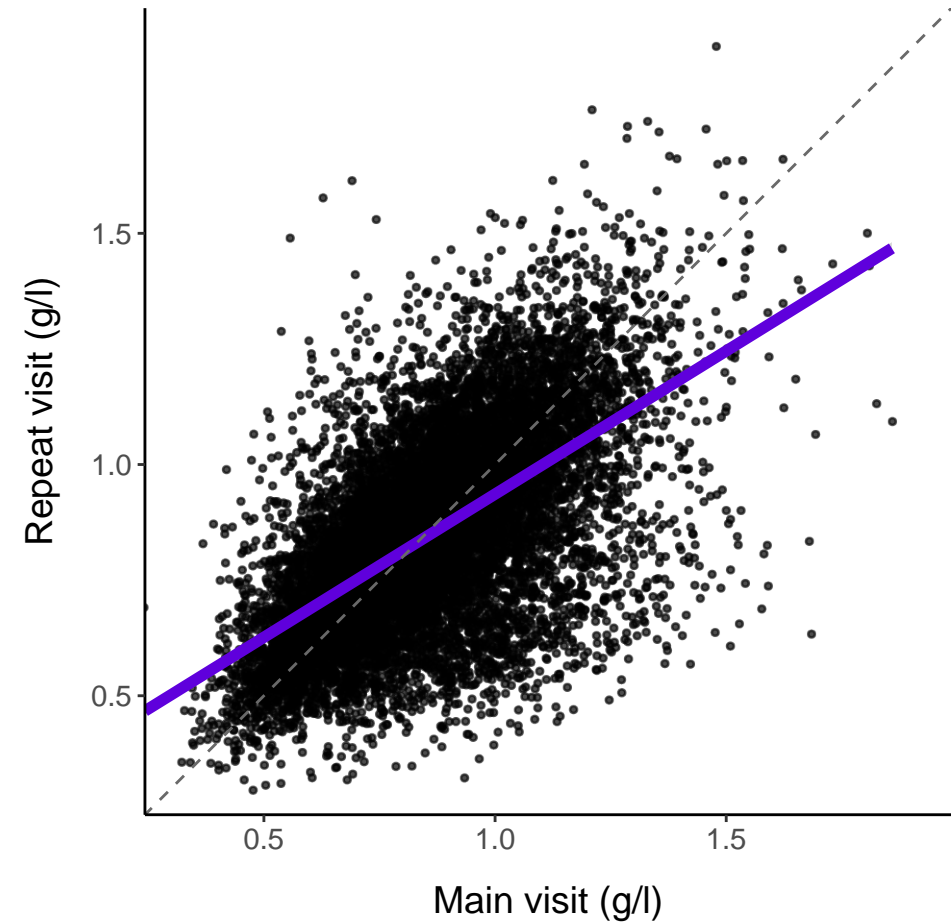
R: 0.61
 $y = 0.16 + 0.66x$



Apolipoproteins

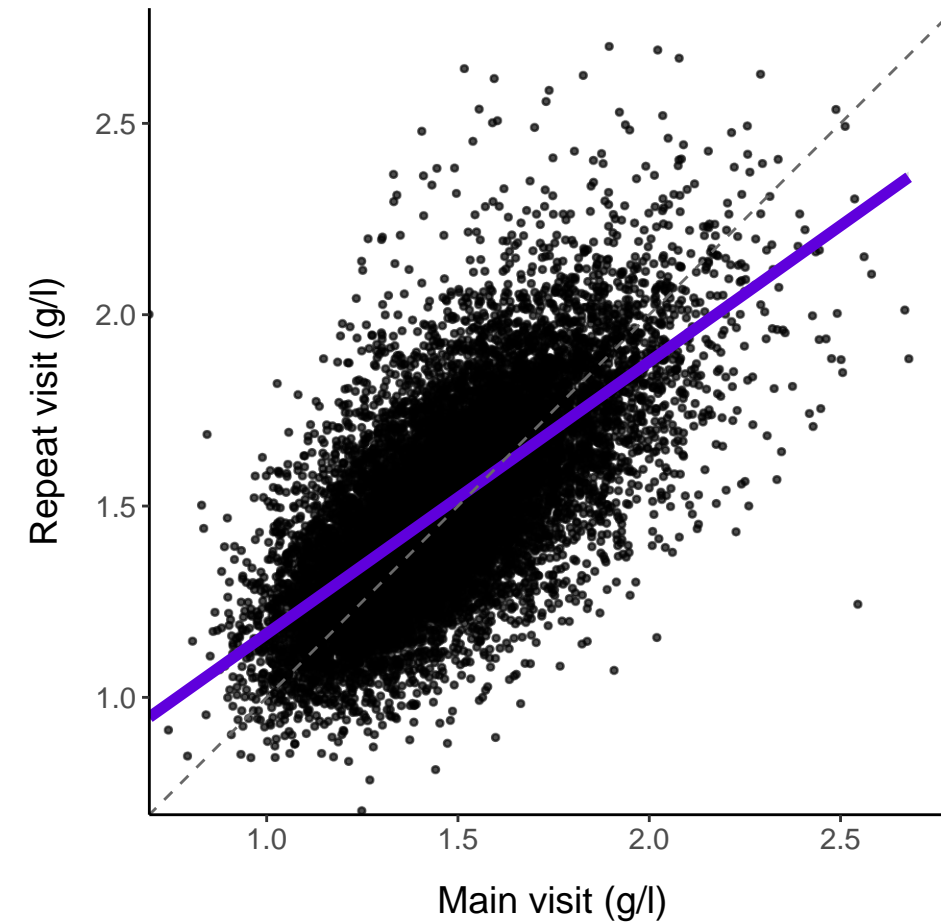
ApoB

R: 0.61
 $y = 0.32 + 0.62x$



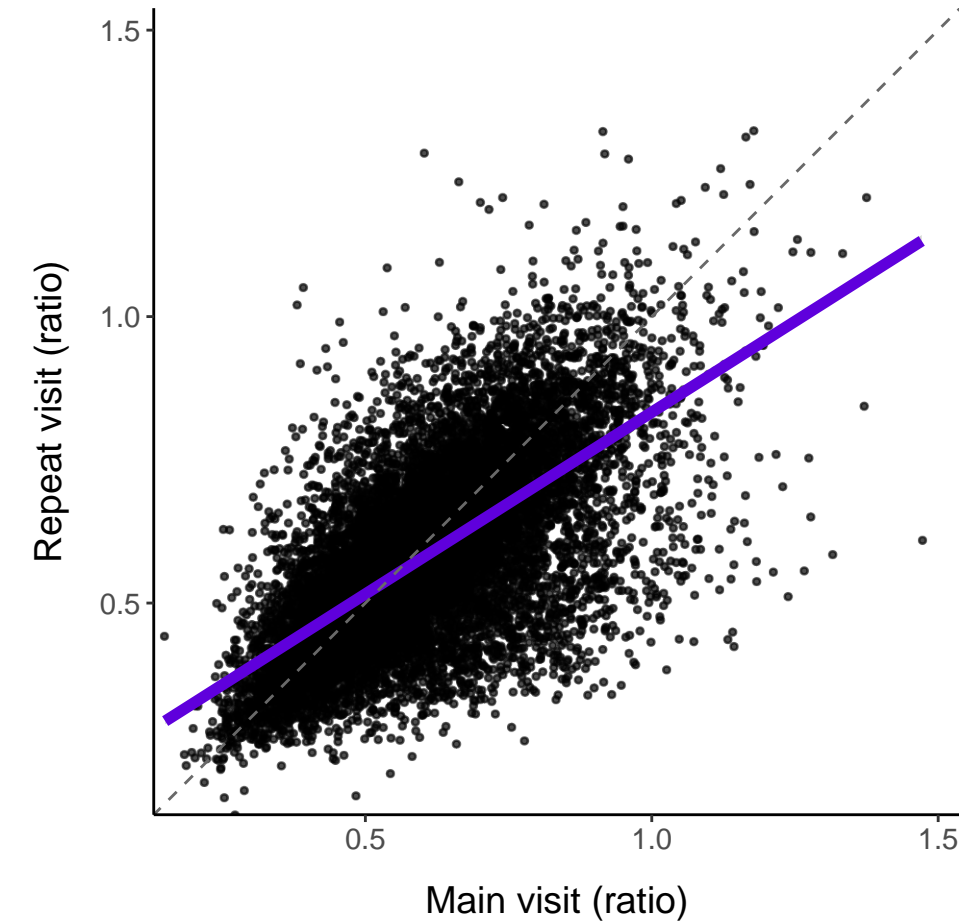
ApoA1

R: 0.68
 $y = 0.46 + 0.71x$



ApoB_by_ApoA1

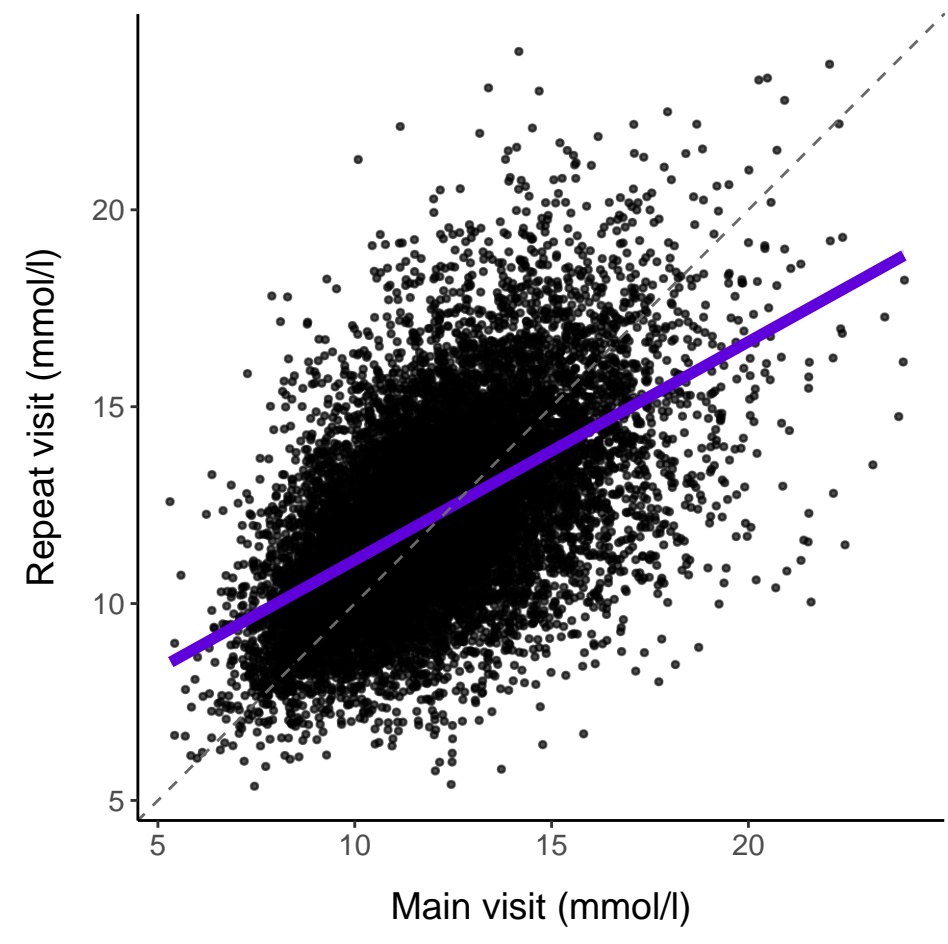
R: 0.67
 $y = 0.20 + 0.63x$



Fatty acids

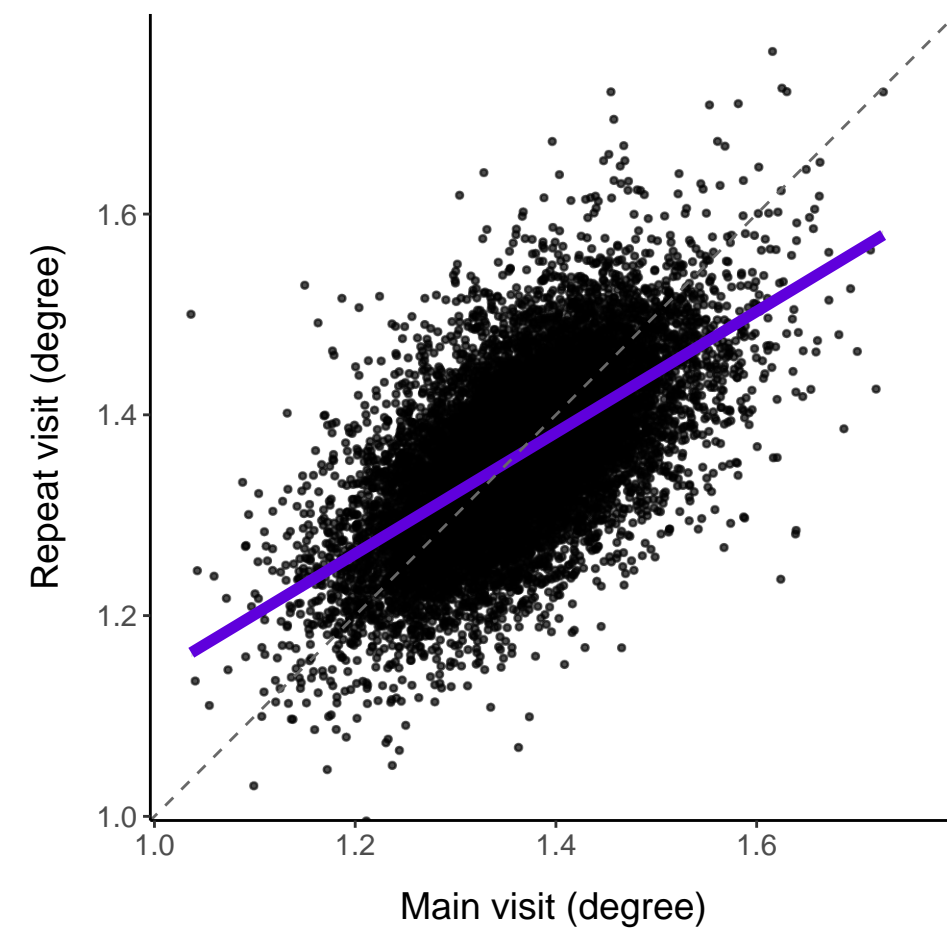
Total_FA

R: 0.55
 $y = 5.56 + 0.55x$



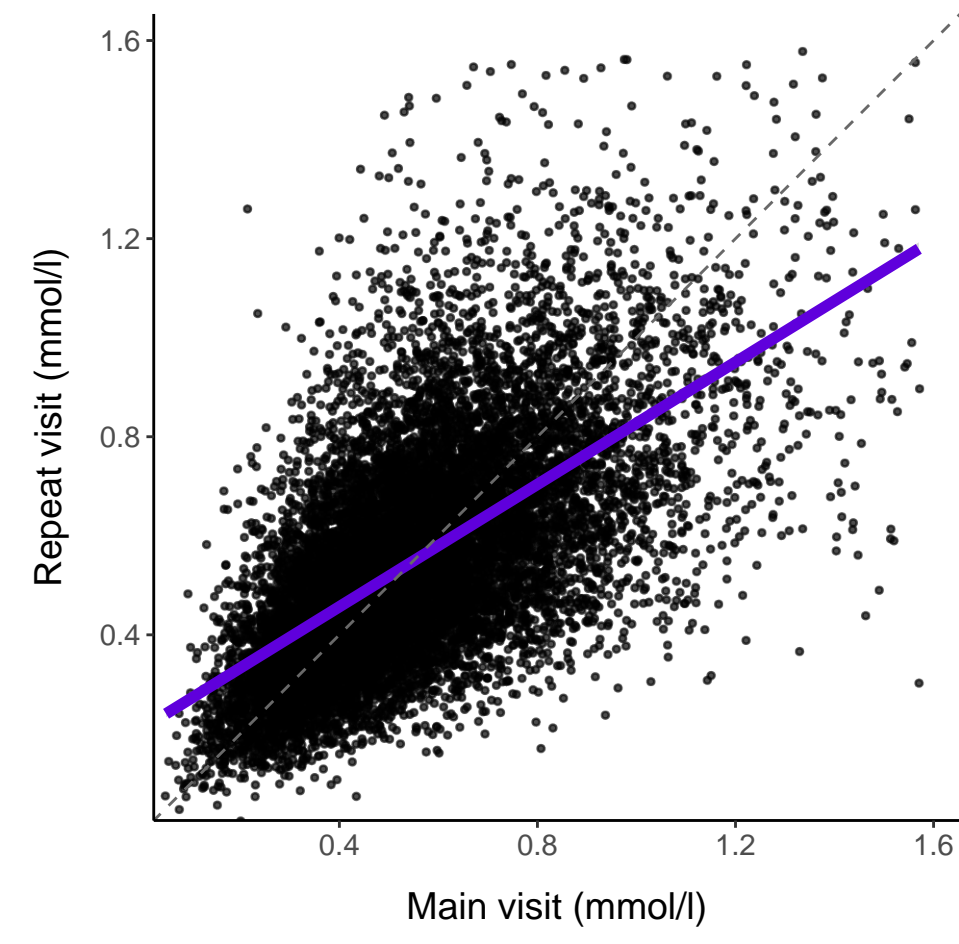
Unsaturation

R: 0.61
 $y = 0.54 + 0.60x$



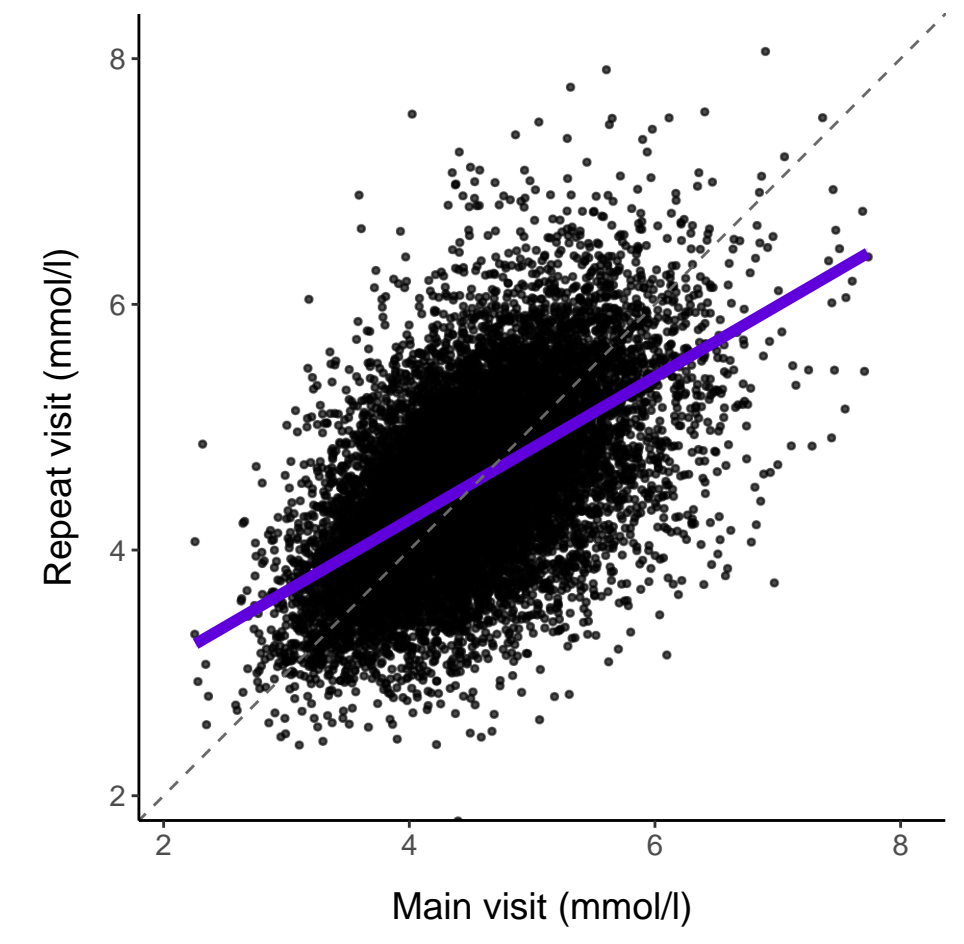
Omega_3

R: 0.63
 $y = 0.21 + 0.62x$



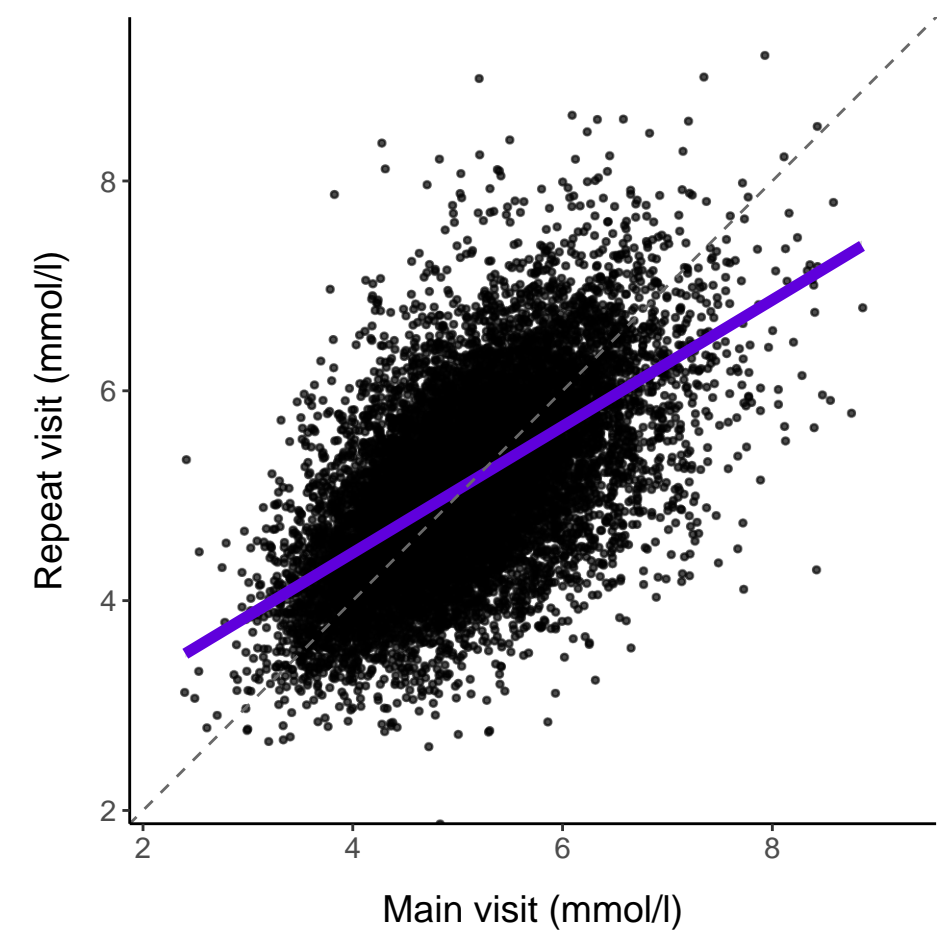
Omega_6

R: 0.56
 $y = 1.92 + 0.58x$



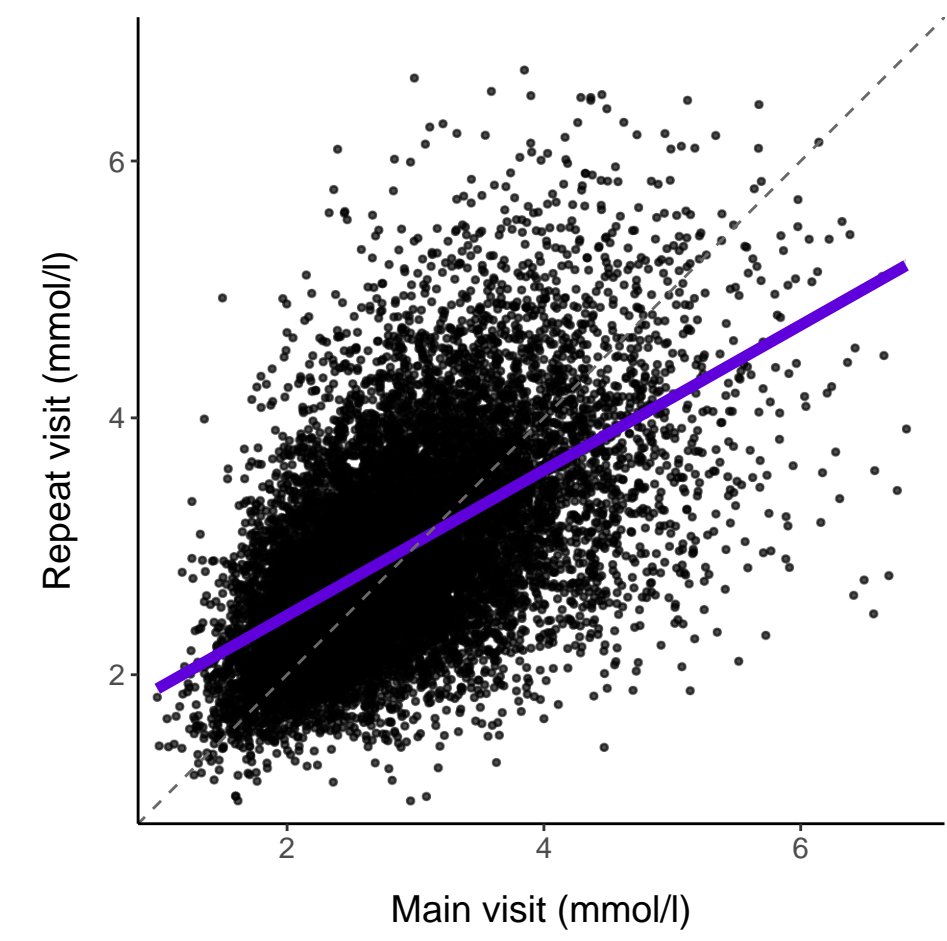
PUFA

R: 0.59
 $y = 2.05 + 0.60x$



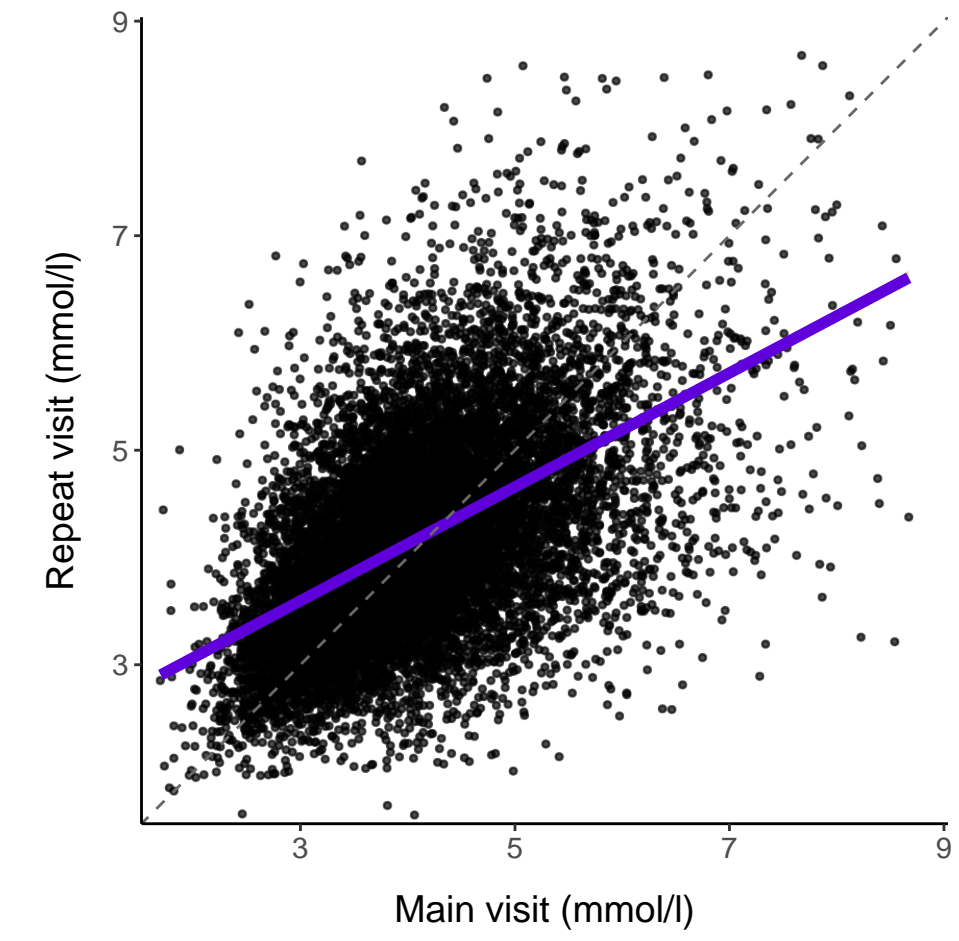
MUFA

R: 0.57
 $y = 1.33 + 0.57x$



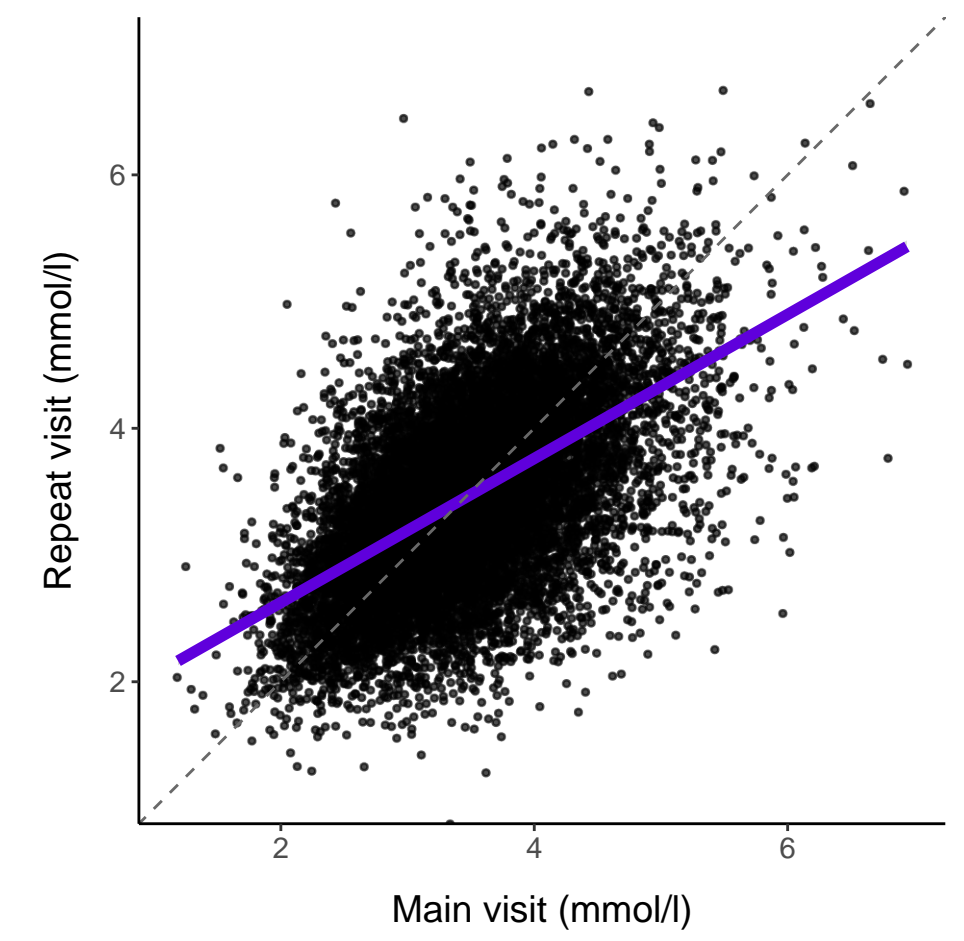
SFA

R: 0.53
 $y = 2.00 + 0.53x$



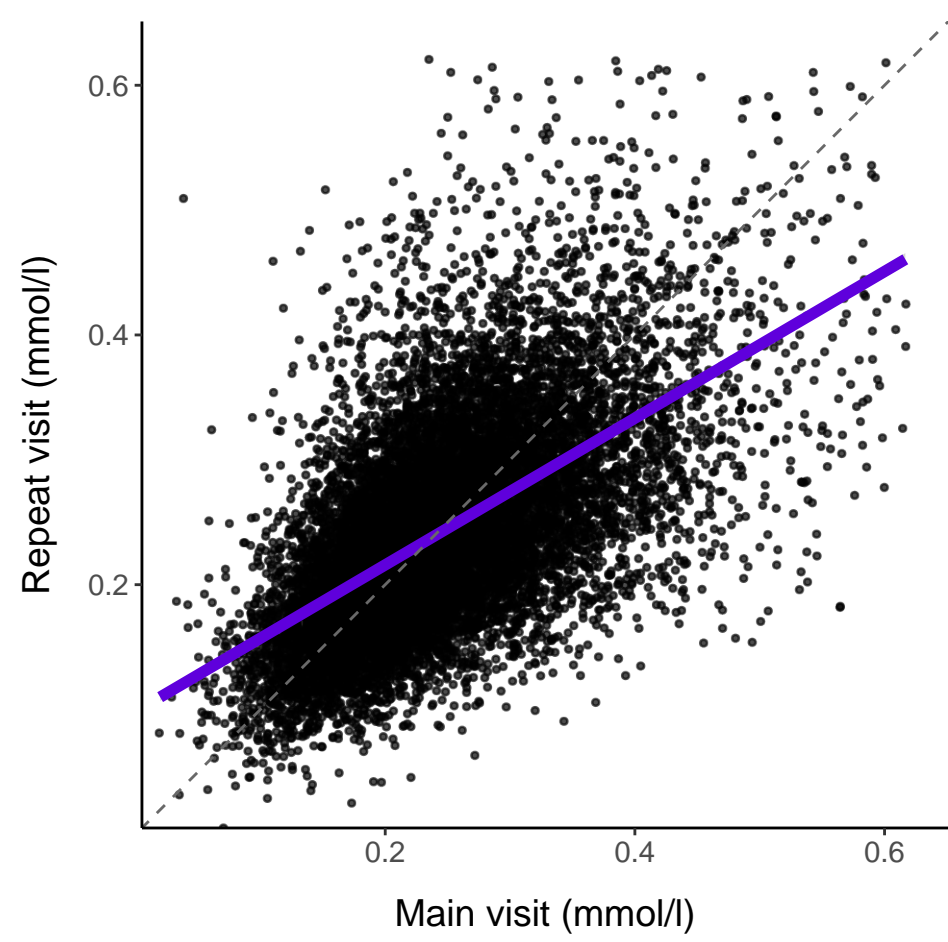
LA

R: 0.55
 $y = 1.49 + 0.57x$



DHA

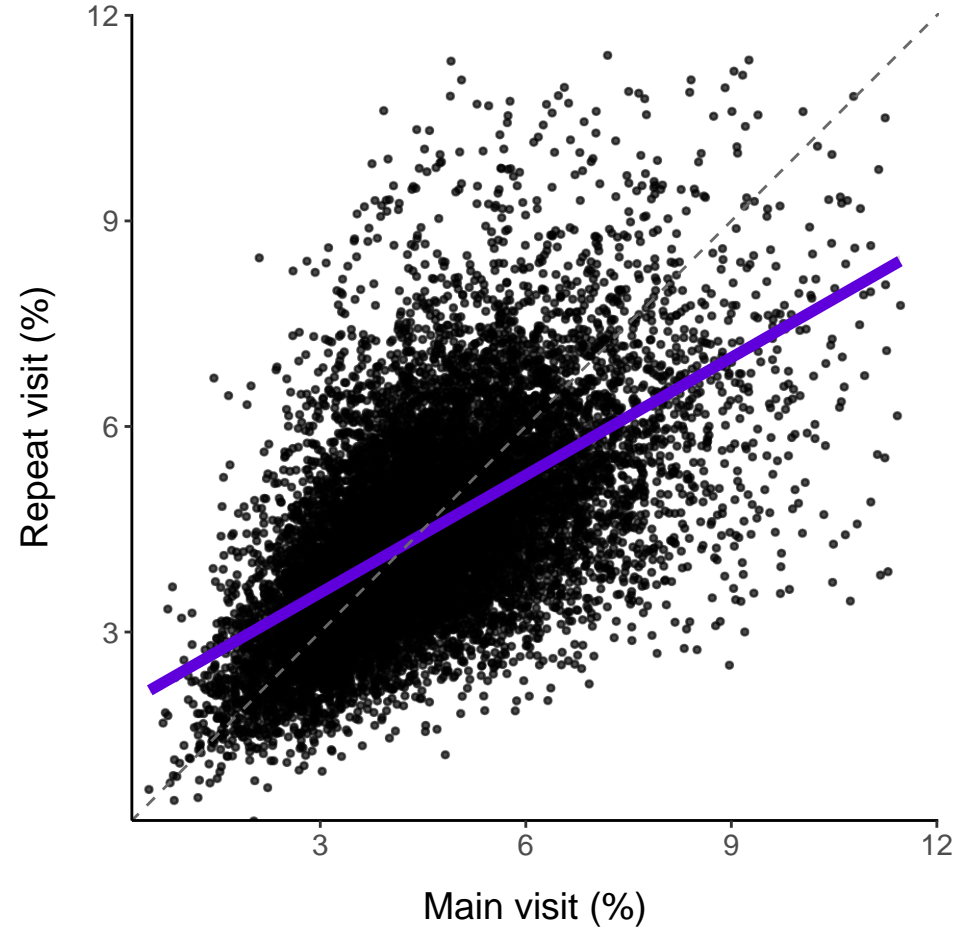
R: 0.59
 $y = 0.10 + 0.59x$



Fatty acid ratios

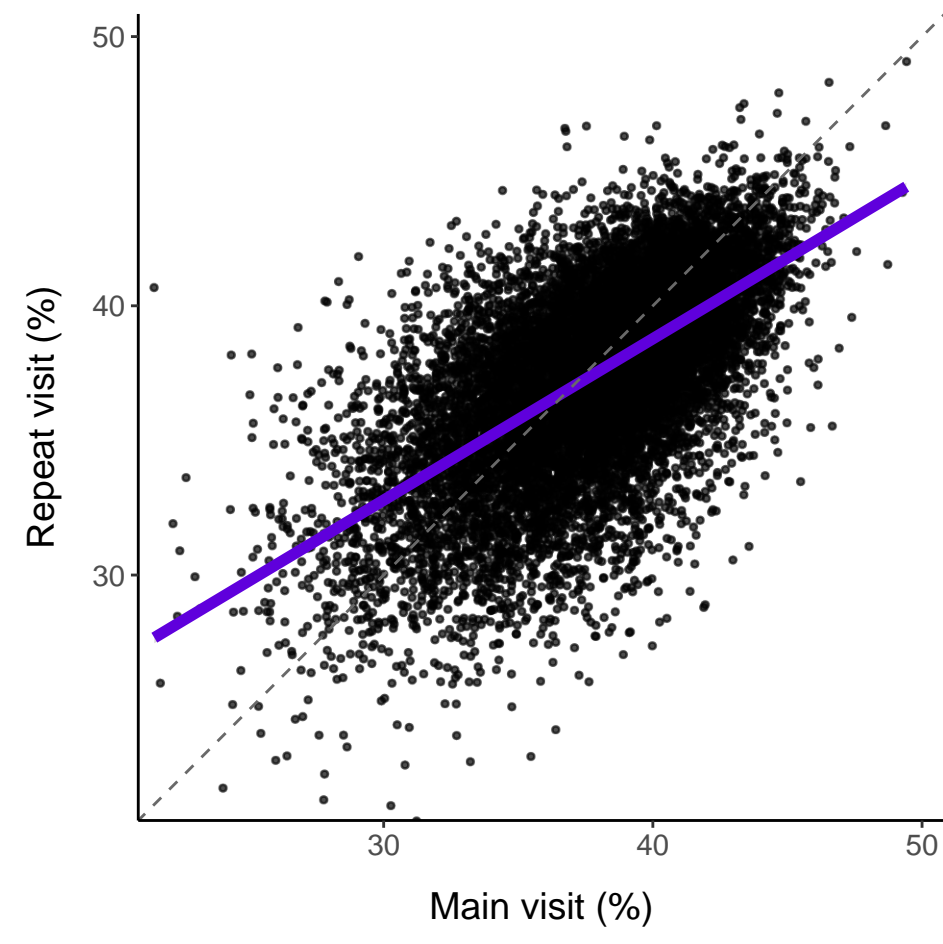
Omega_3_pct

R: 0.59
 $y = 1.86 + 0.57x$



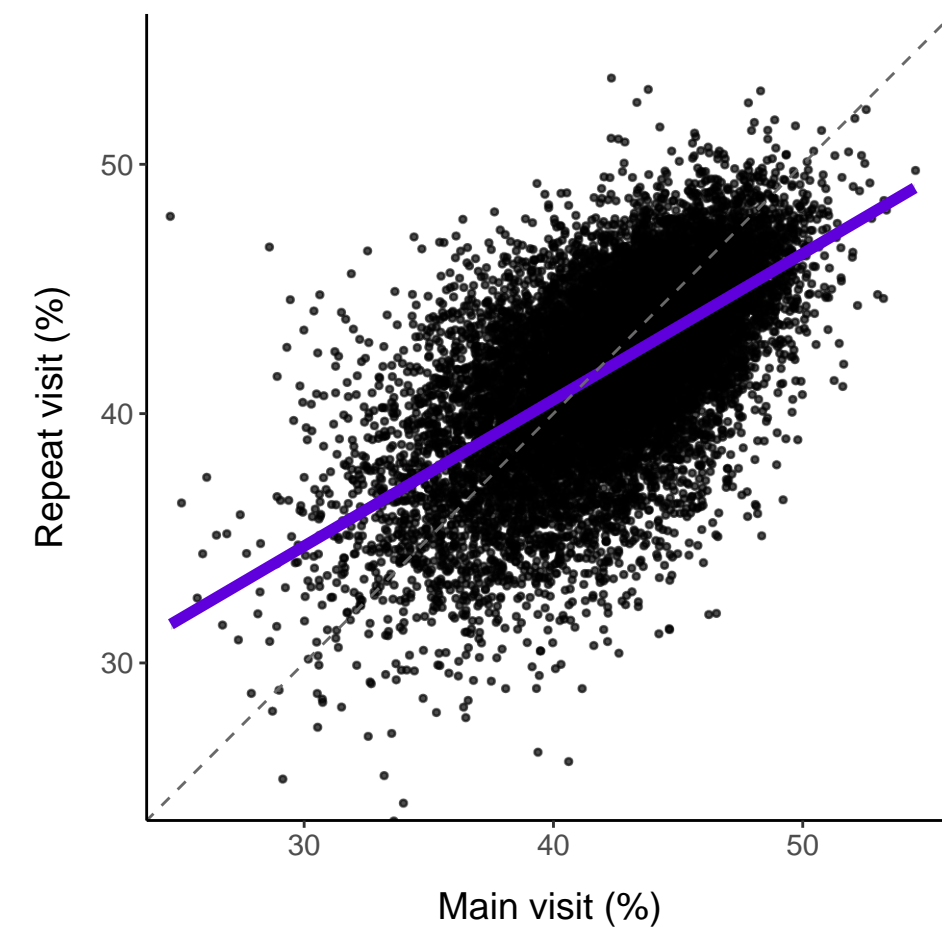
Omega_6_pct

R: 0.63
 $y = 14.79 + 0.60x$



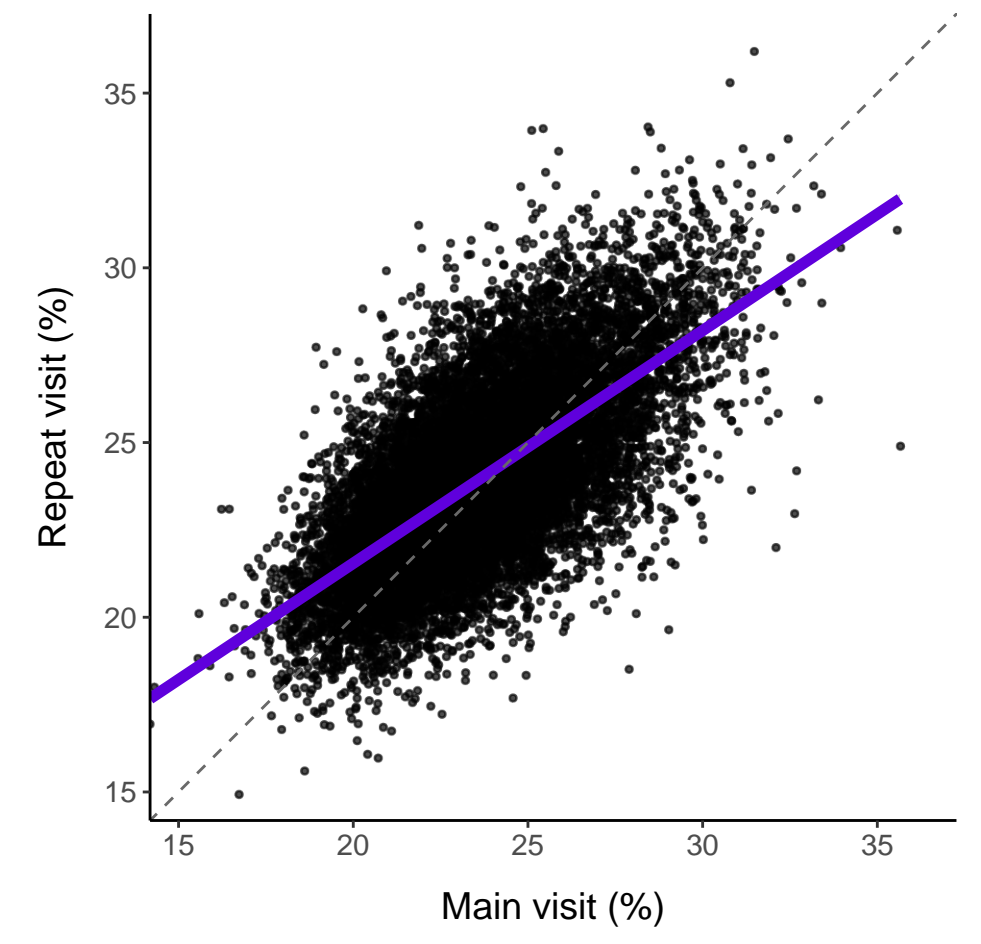
PUFA_pct

R: 0.61
 $y = 17.09 + 0.59x$



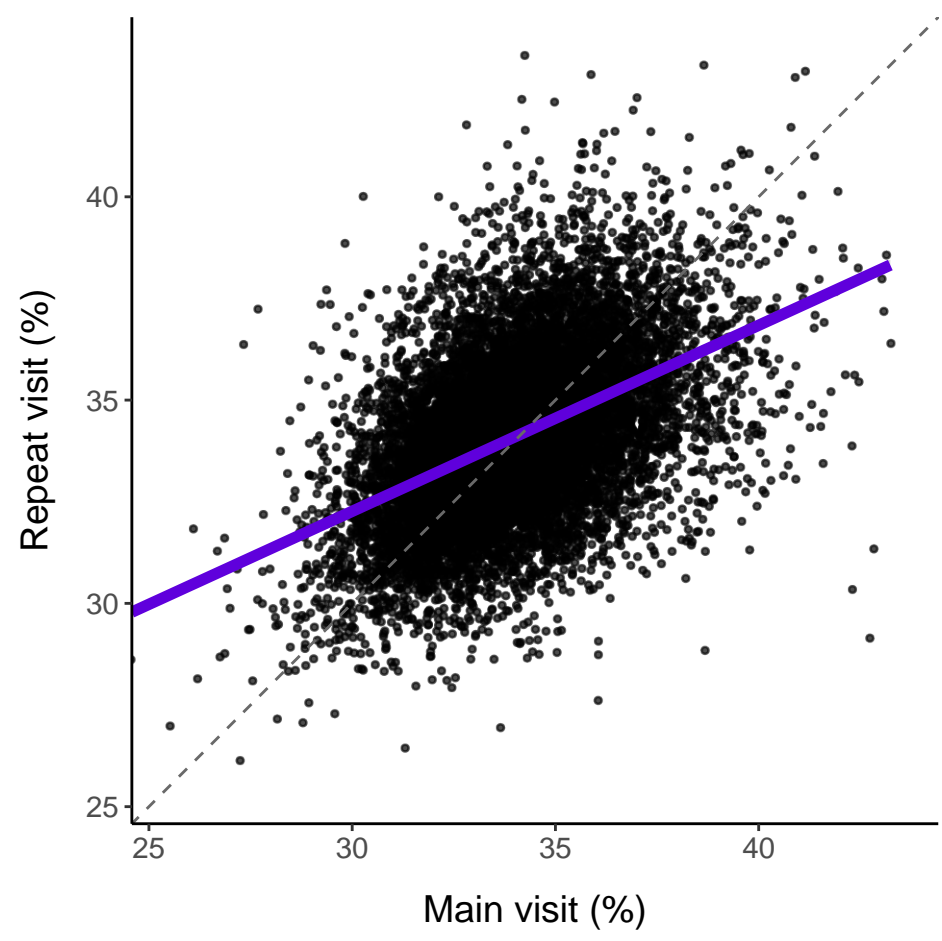
MUFA_pct

R: 0.67
 $y = 8.22 + 0.67x$



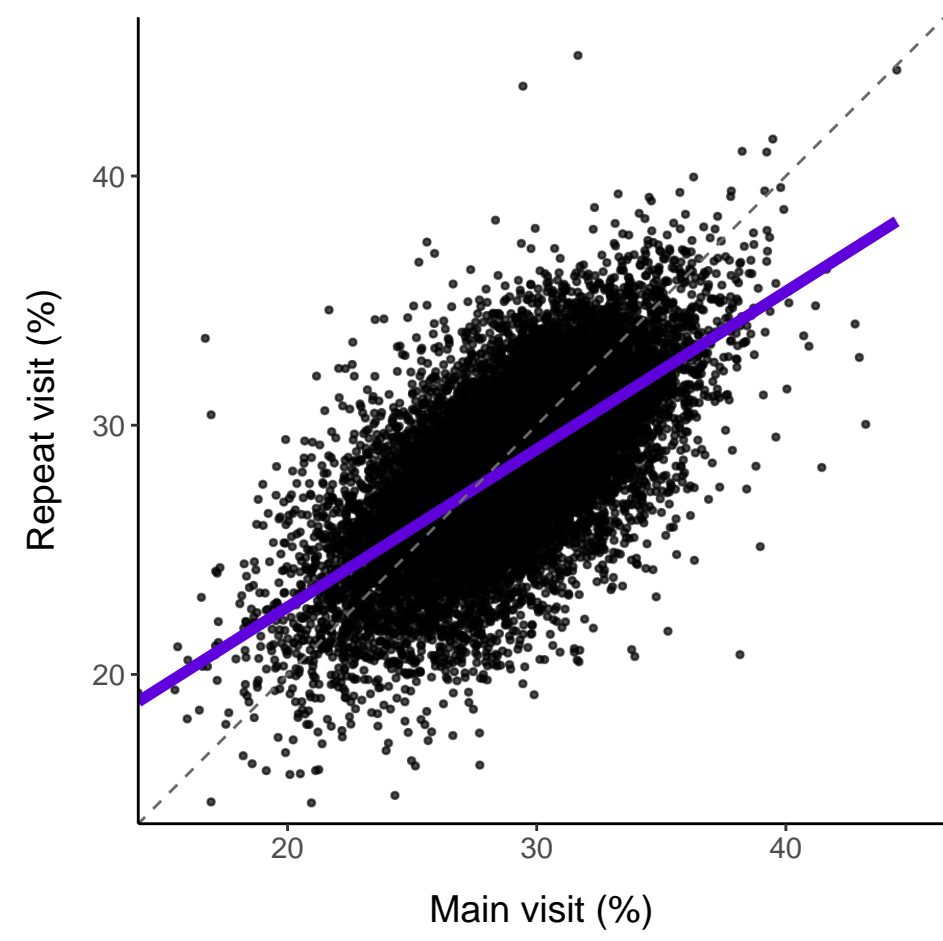
SFA_pct

R: 0.47
 $y = 18.54 + 0.46x$



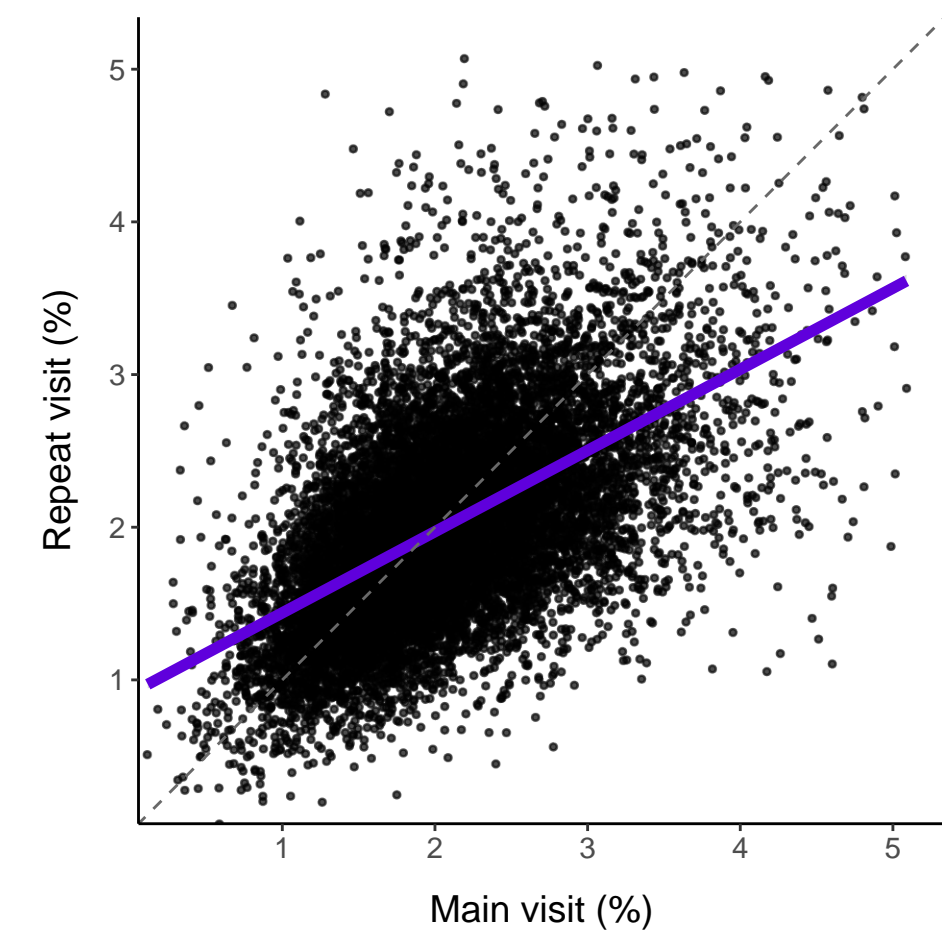
LA_pct

R: 0.65
 $y = 10.04 + 0.63x$



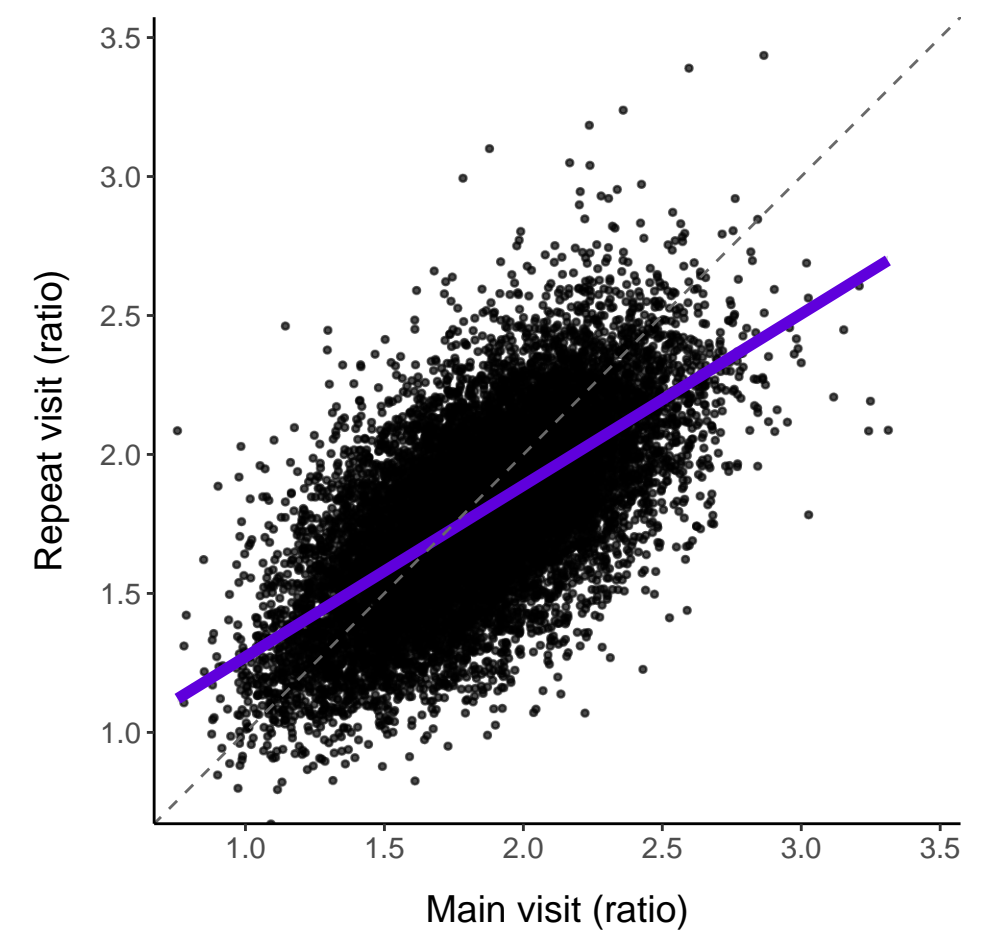
DHA_pct

R: 0.55
 $y = 0.91 + 0.53x$



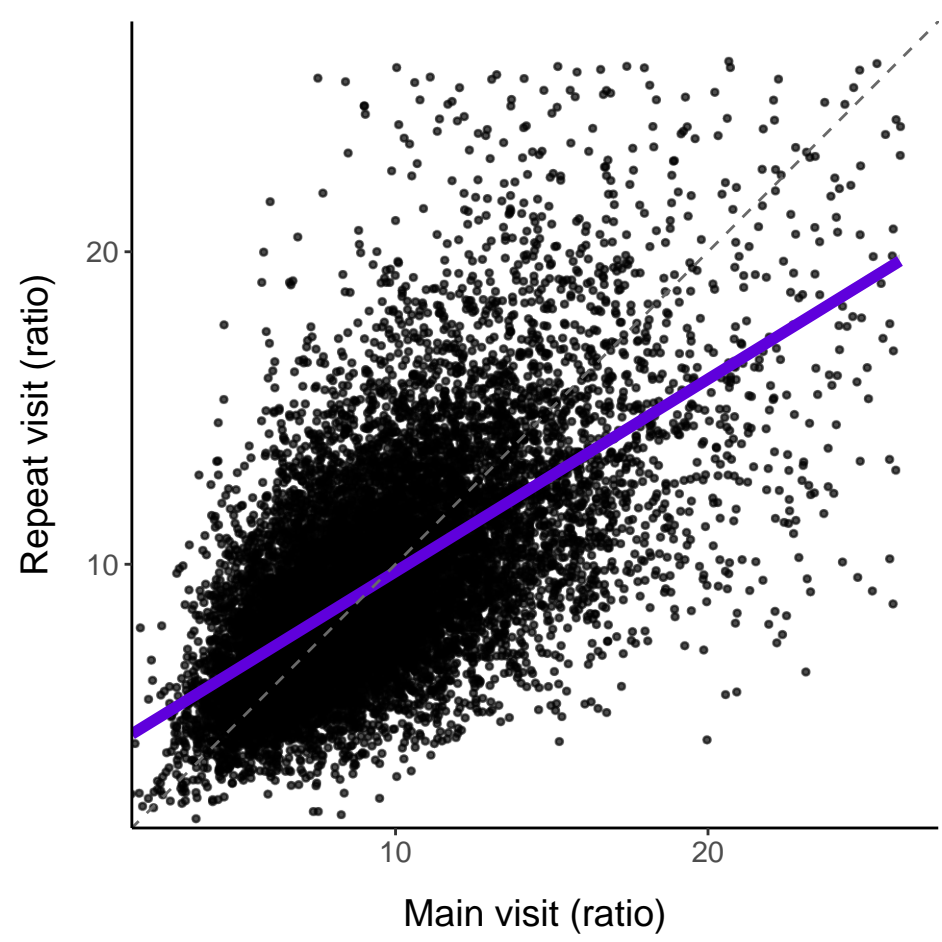
PUFA_by_MUFA

R: 0.65
 $y = 0.65 + 0.62x$



Omega_6_by_Omega_3

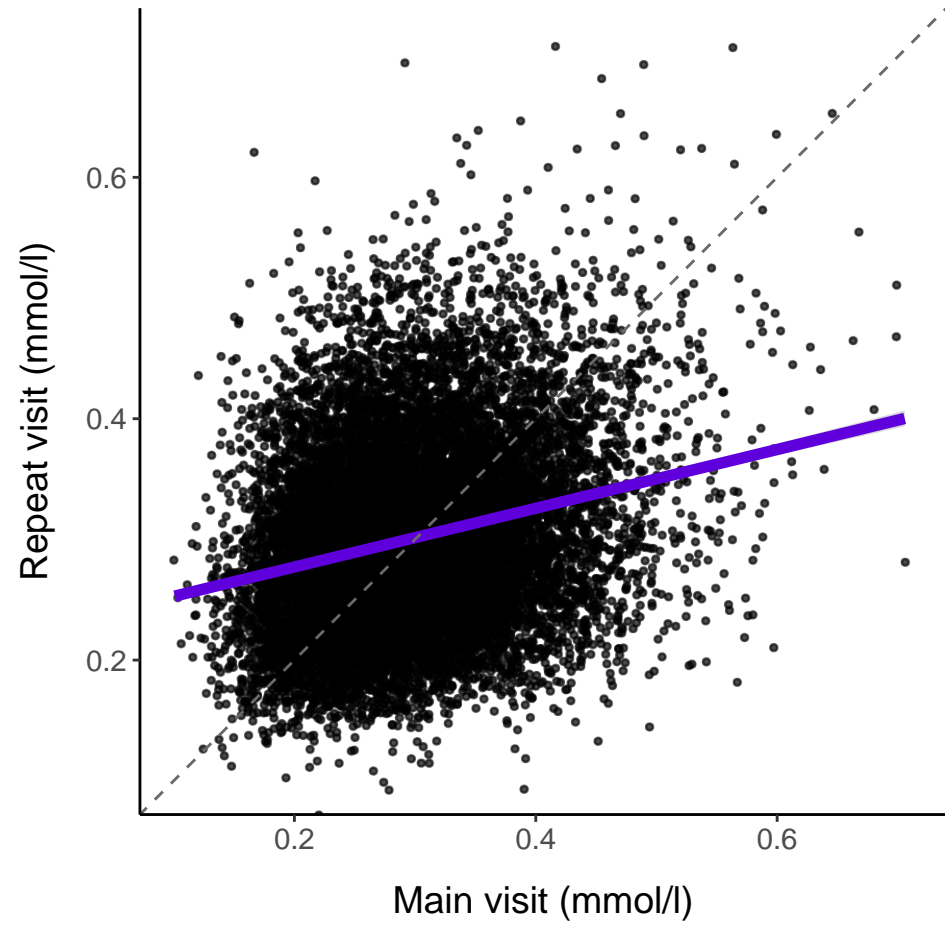
R: 0.62
 $y = 3.60 + 0.62x$



Amino acids

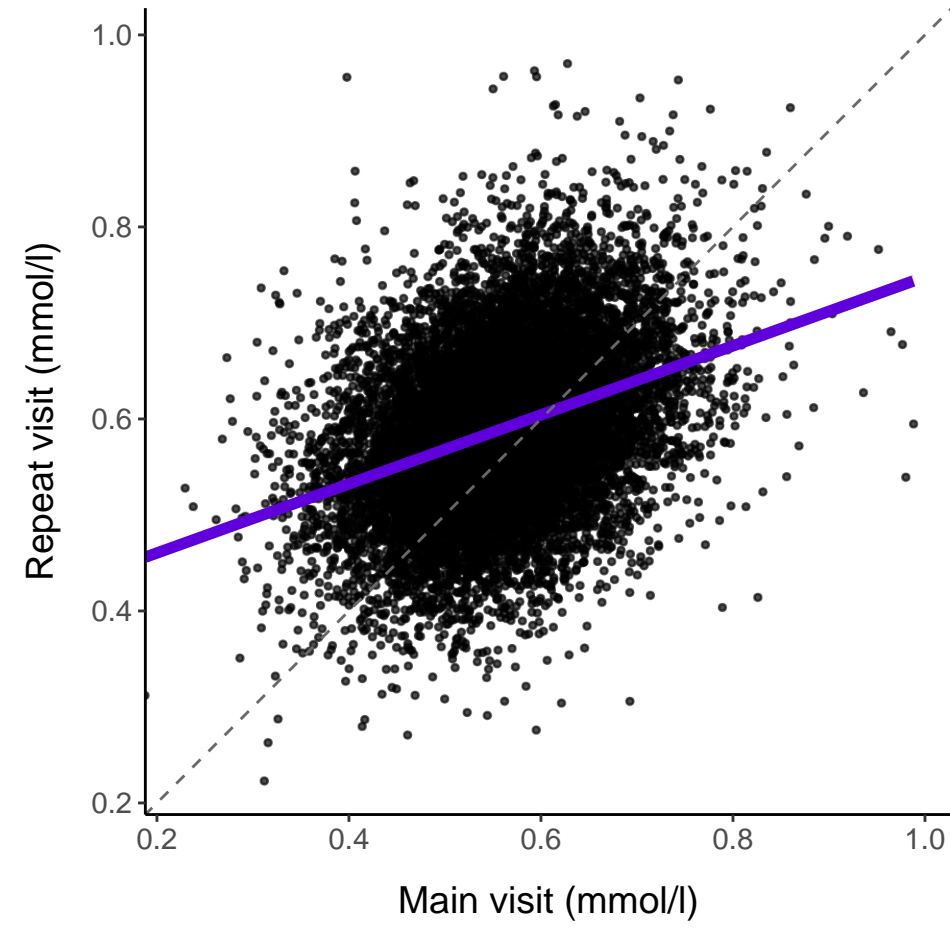
Ala

R: 0.24
 $y = 0.23 + 0.24x$



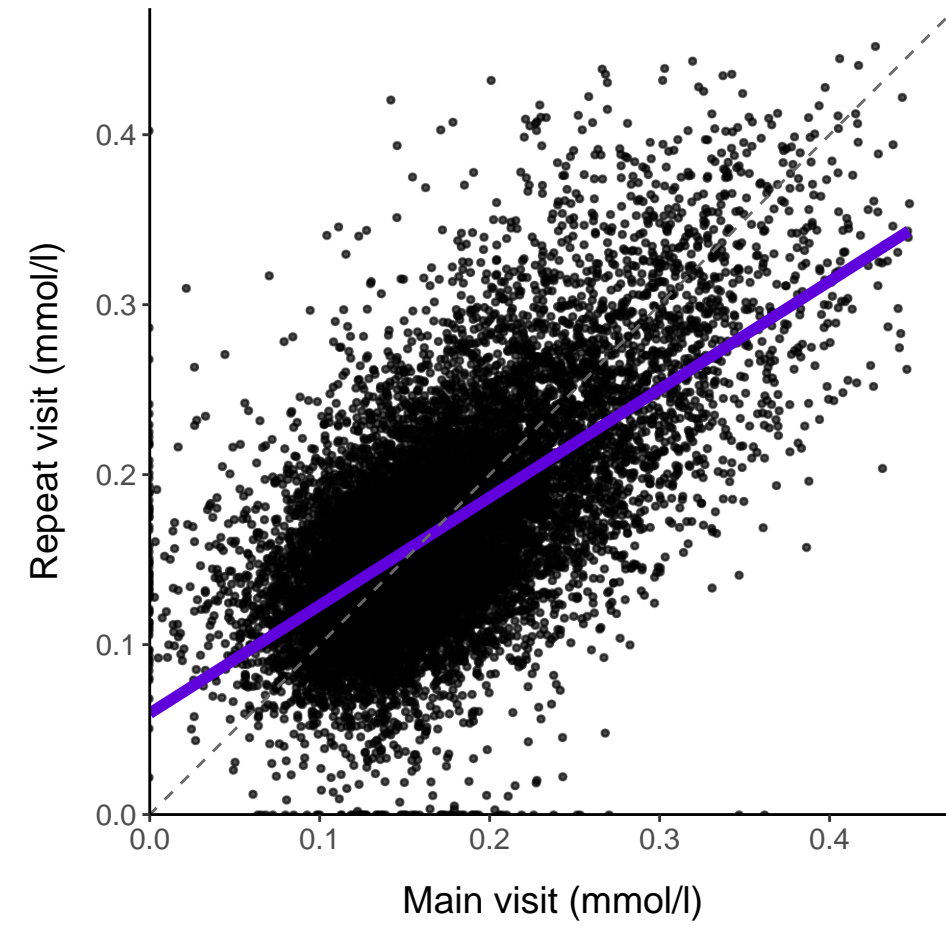
Gln

R: 0.36
 $y = 0.39 + 0.36x$



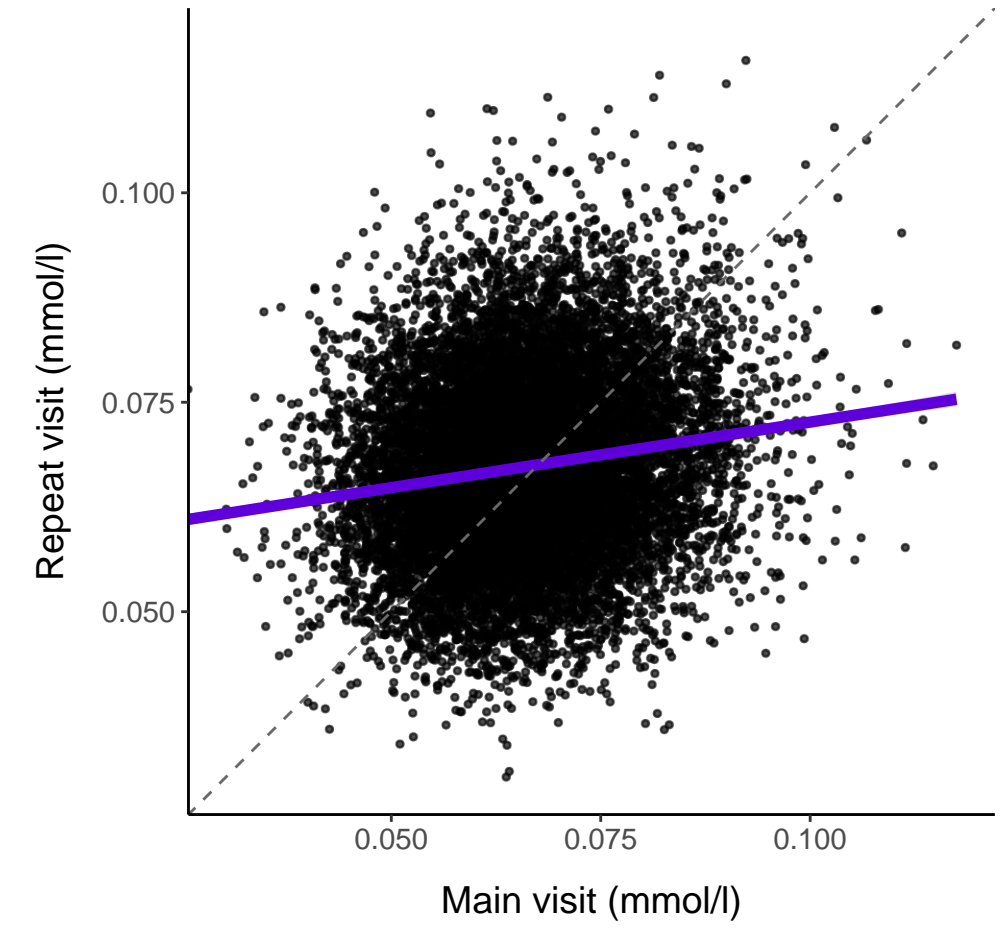
Gly

R: 0.64
 $y = 0.06 + 0.64x$



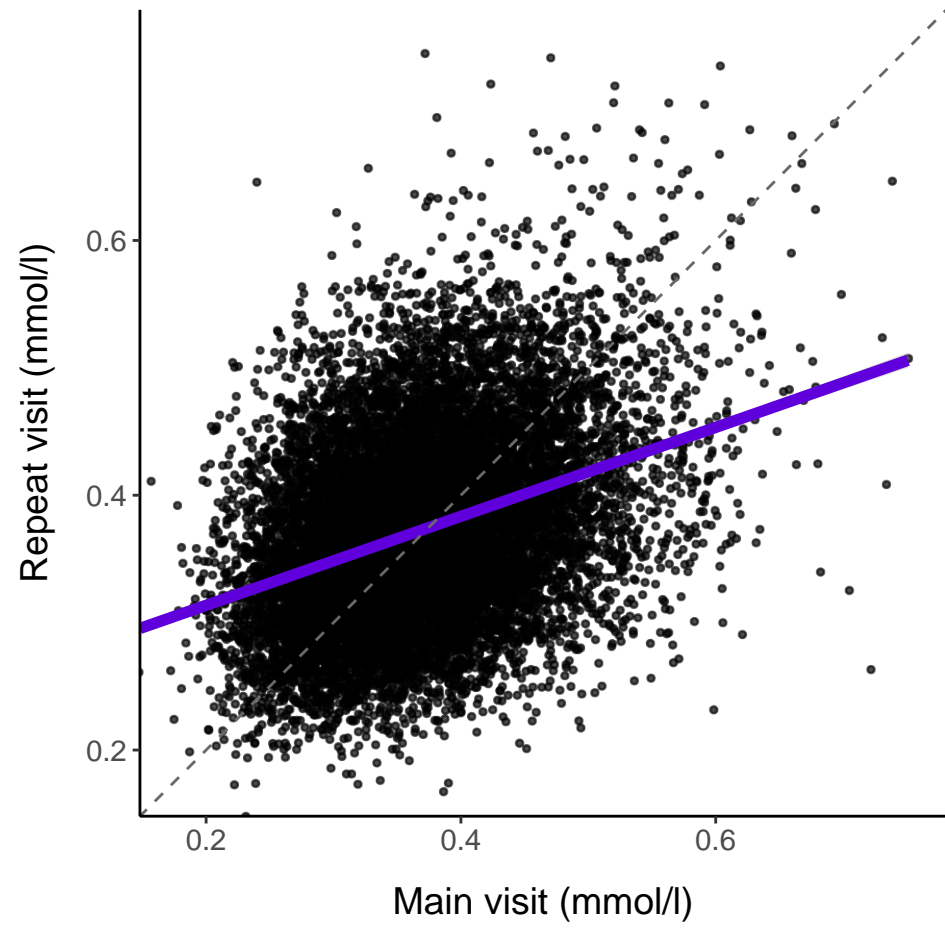
His

R: 0.16
 $y = 0.06 + 0.16x$



Ala_corrected

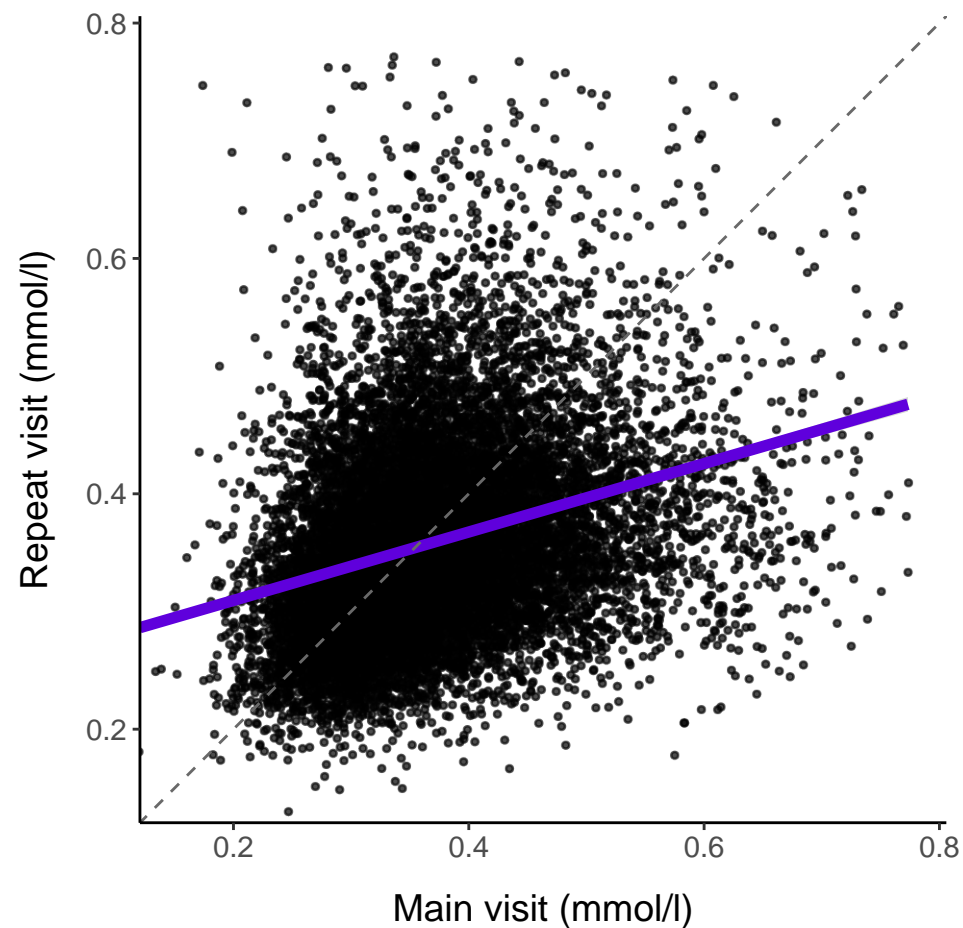
R: 0.36
 $y = 0.24 + 0.35x$



Branched-chain amino acids

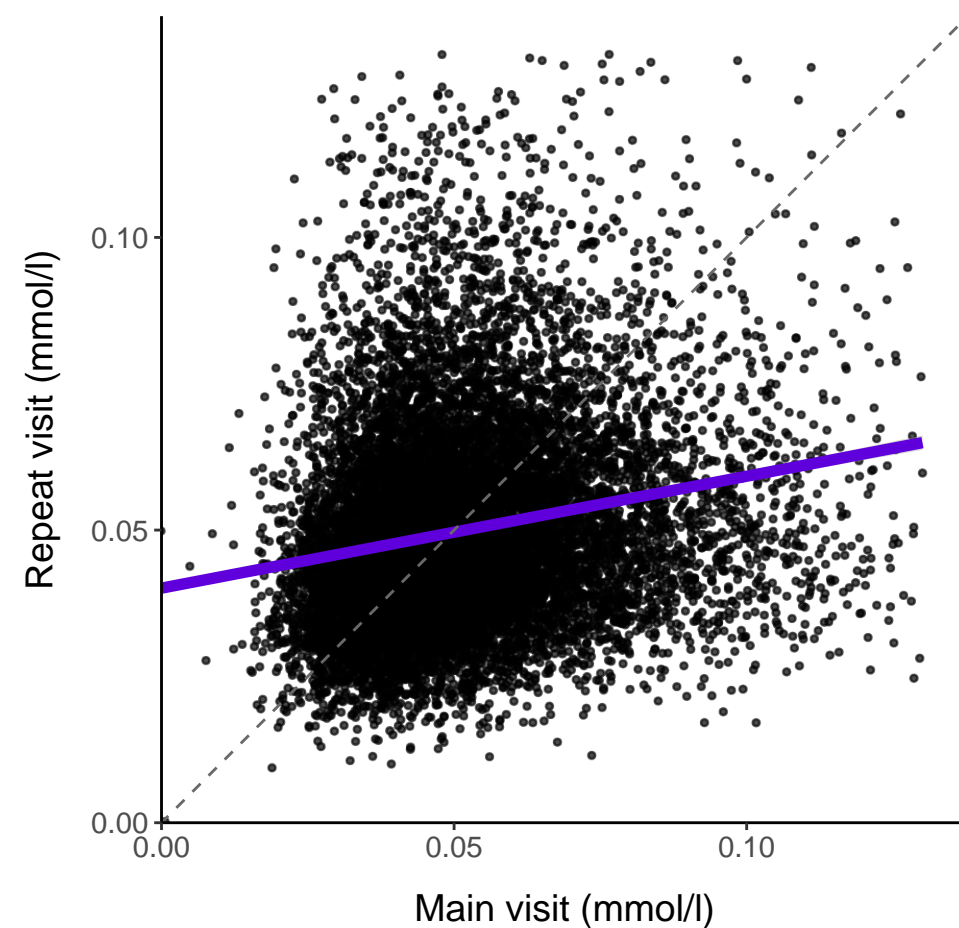
Total_BCAA

R: 0.3
 $y = 0.25 + 0.29x$



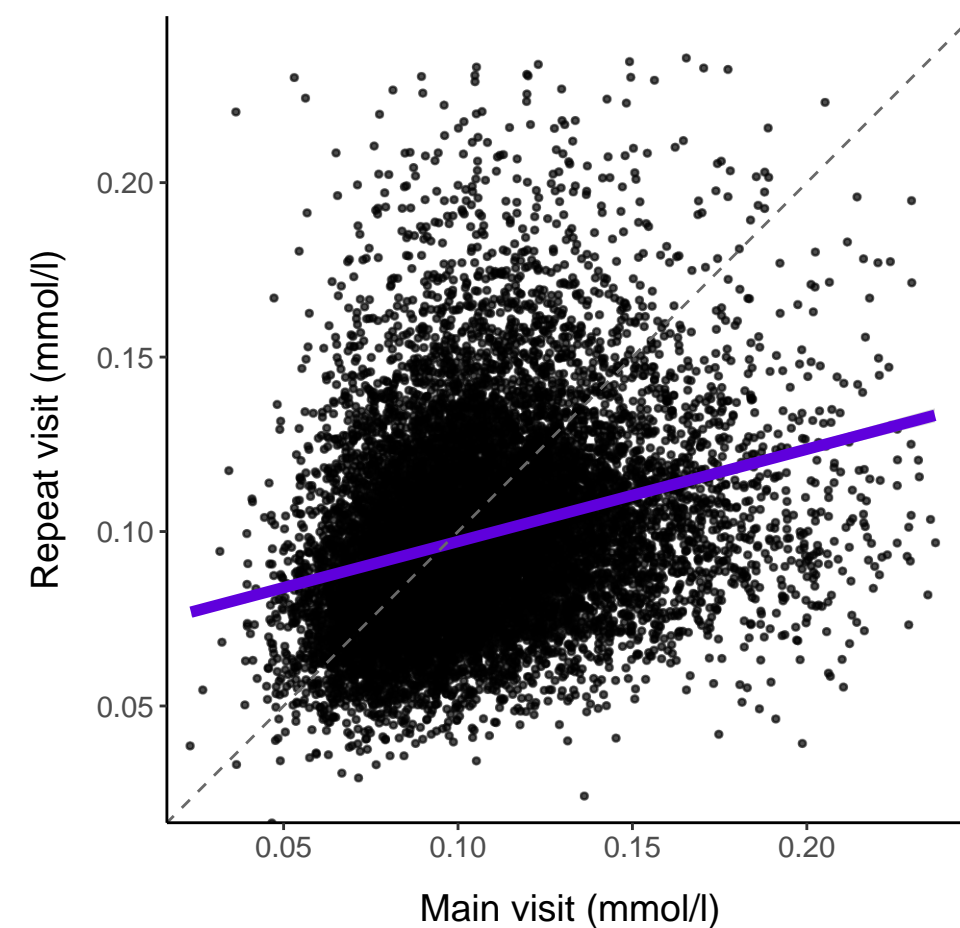
Ile

R: 0.2
 $y = 0.04 + 0.19x$



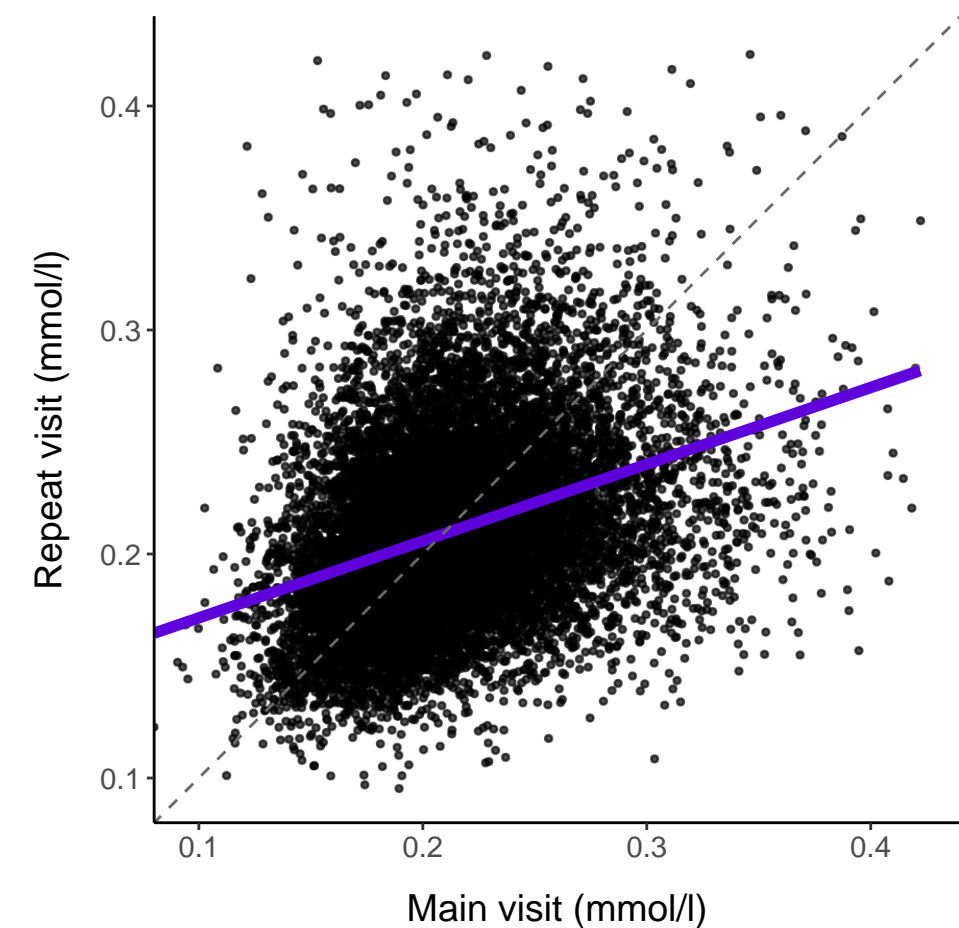
Leu

R: 0.28
 $y = 0.07 + 0.26x$



Val

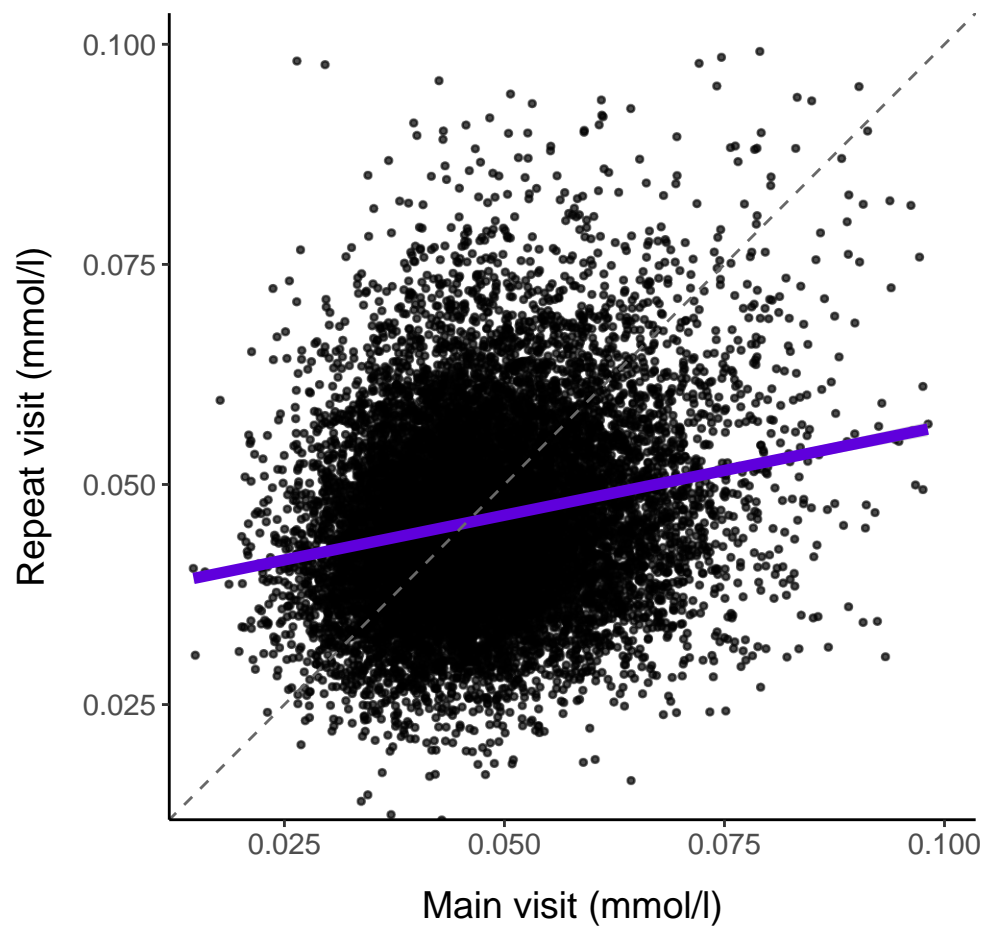
R: 0.35
 $y = 0.14 + 0.34x$



Aromatic amino acids

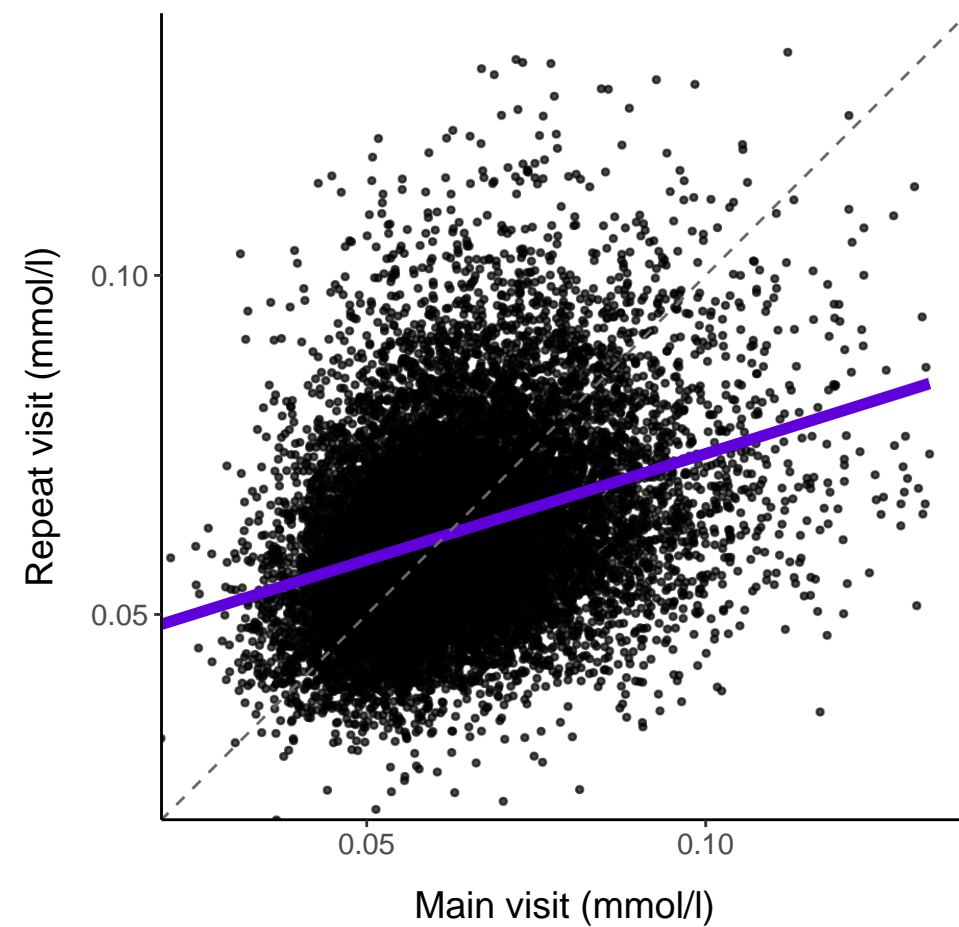
Phe

R: 0.21
 $y = 0.04 + 0.20x$



Tyr

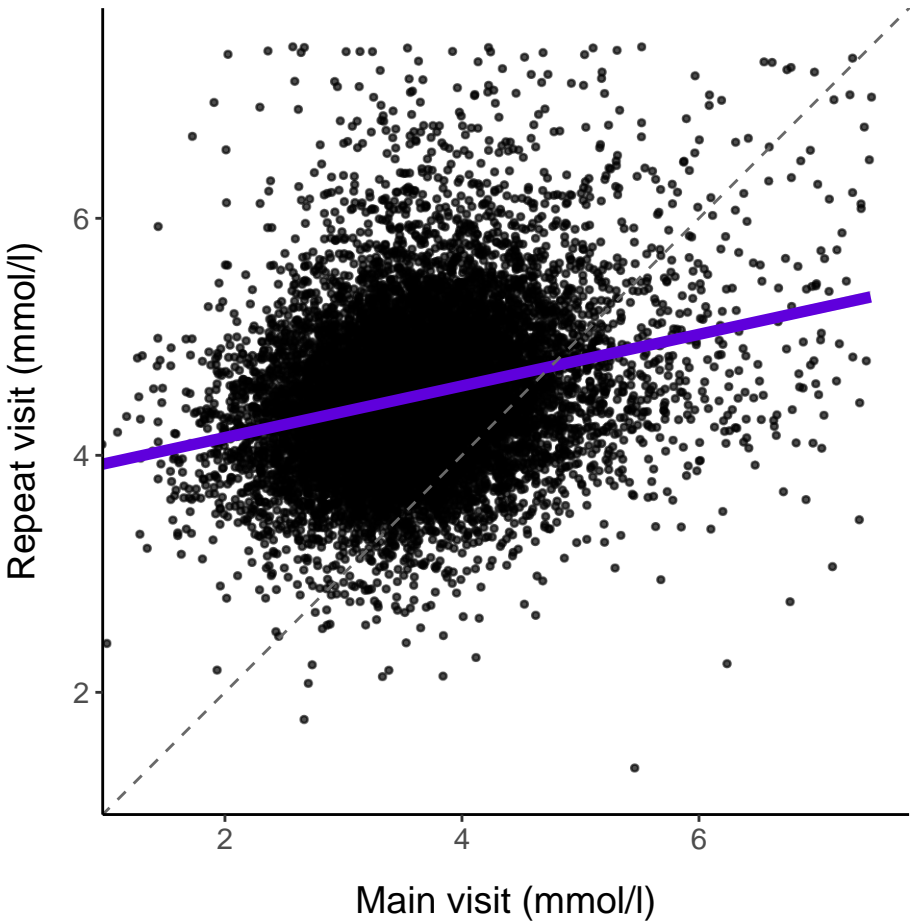
R: 0.33
 $y = 0.04 + 0.31x$



Glycolysis related metabolites

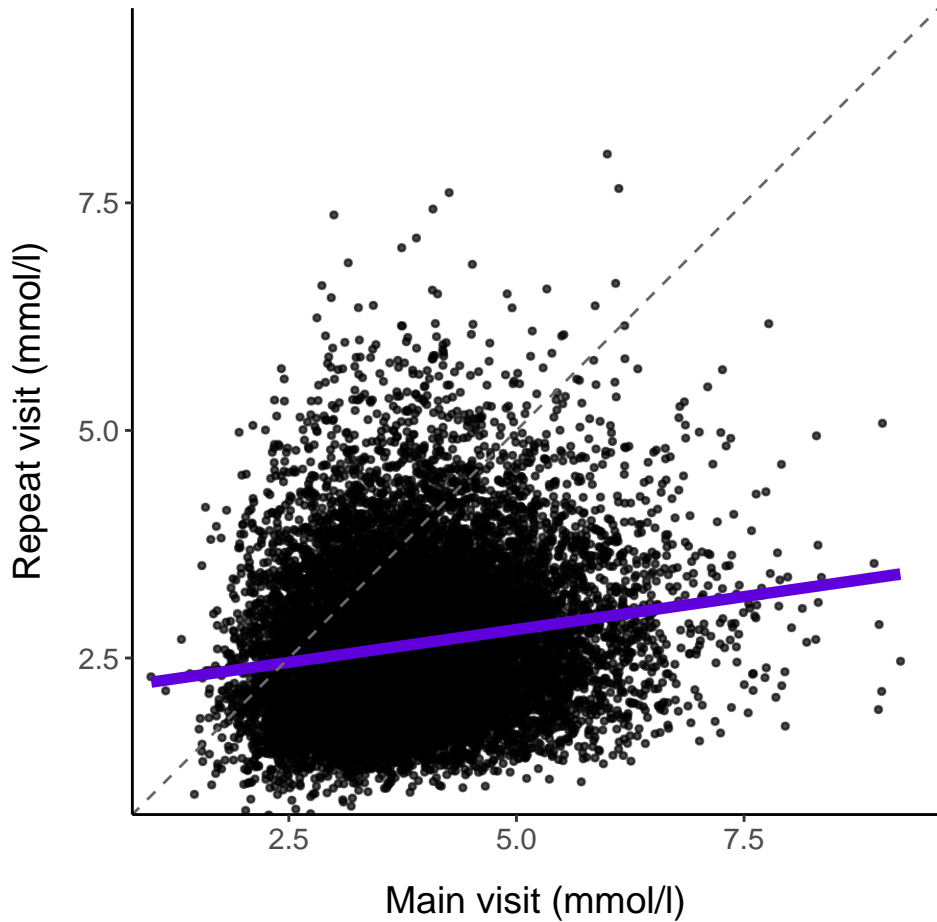
Glucose

R: 0.26
 $y = 3.71 + 0.22x$



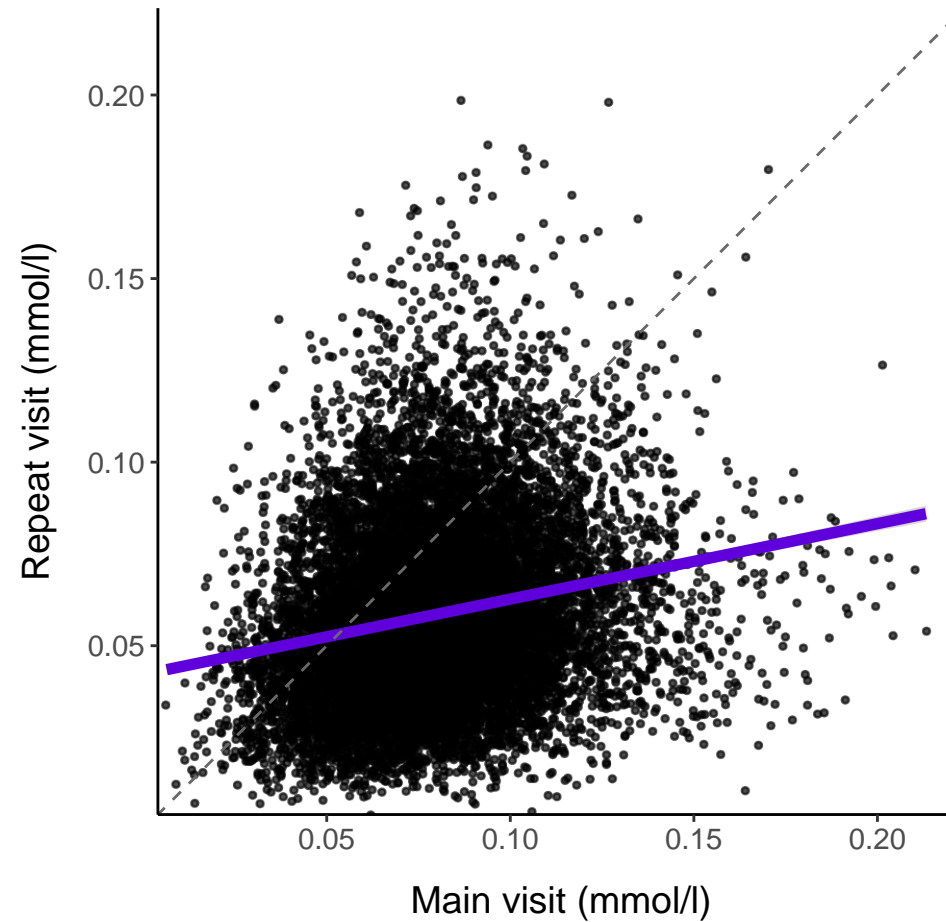
Lactate

R: 0.17
 $y = 2.09 + 0.14x$



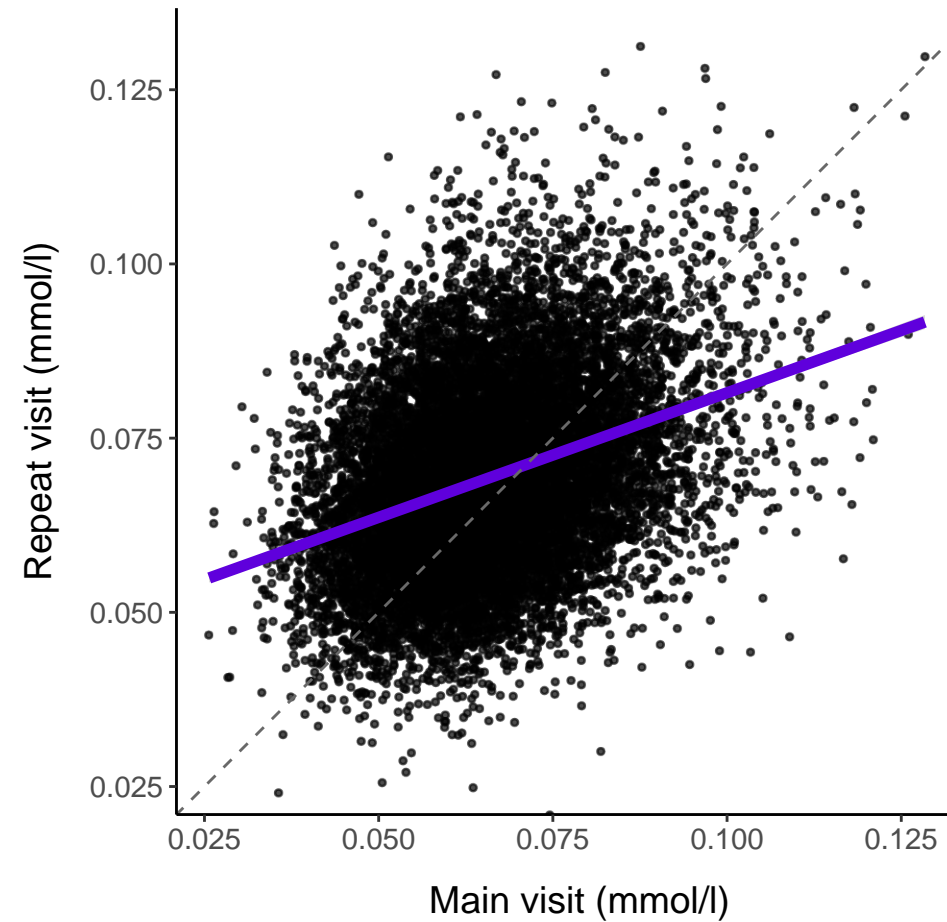
Pyruvate

R: 0.2
 $y = 0.04 + 0.21x$



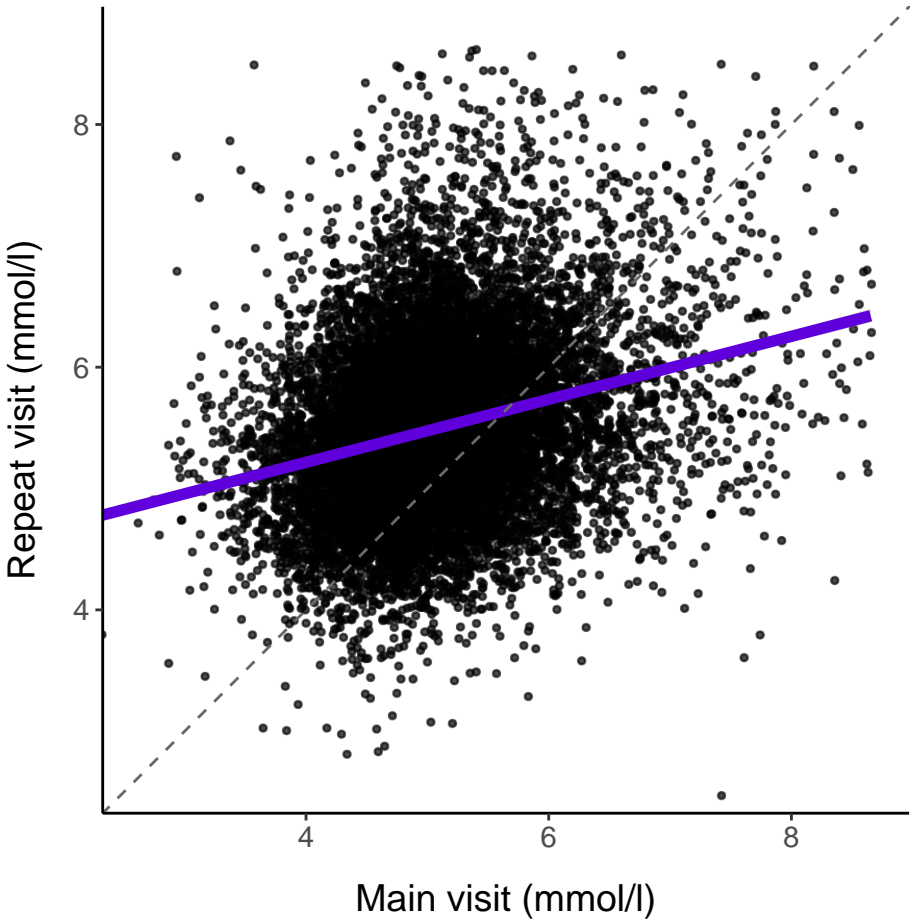
Citrate

R: 0.35
 $y = 0.05 + 0.36x$



Glucose_Lactate

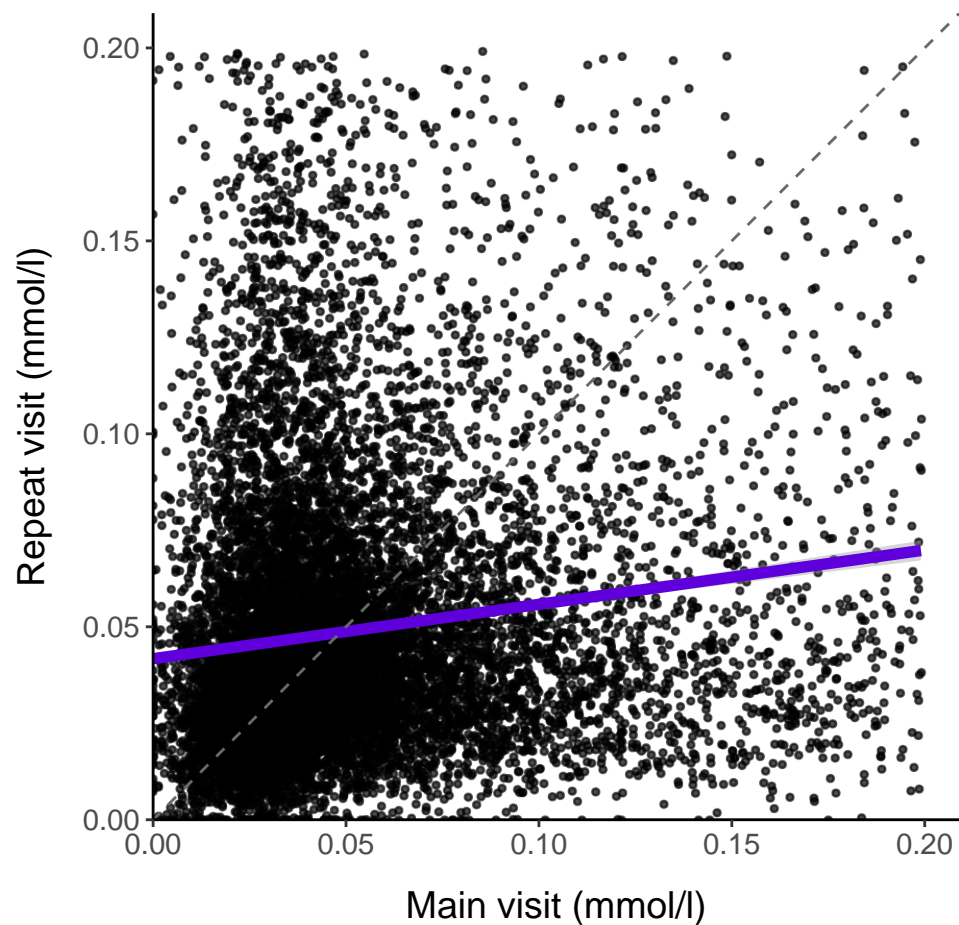
R: 0.26
 $y = 4.18 + 0.26x$



Ketone bodies

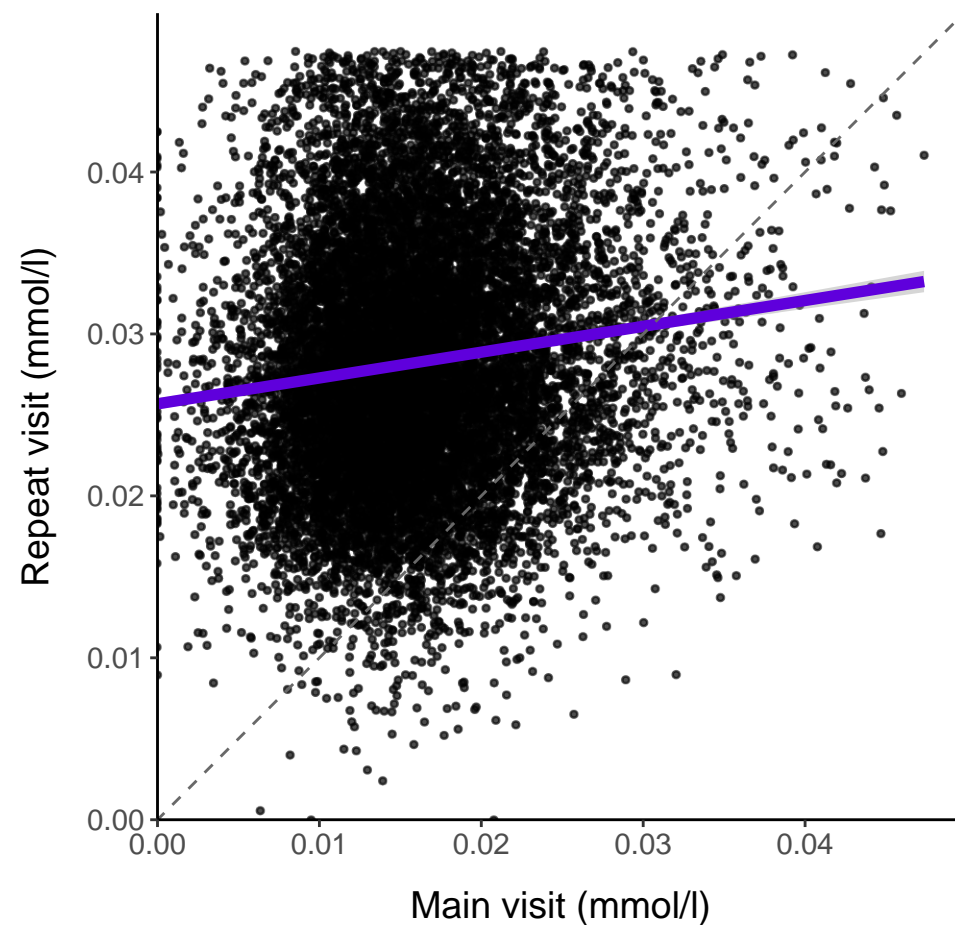
bOHbutyrate

R: 0.14
 $y = 0.04 + 0.14x$



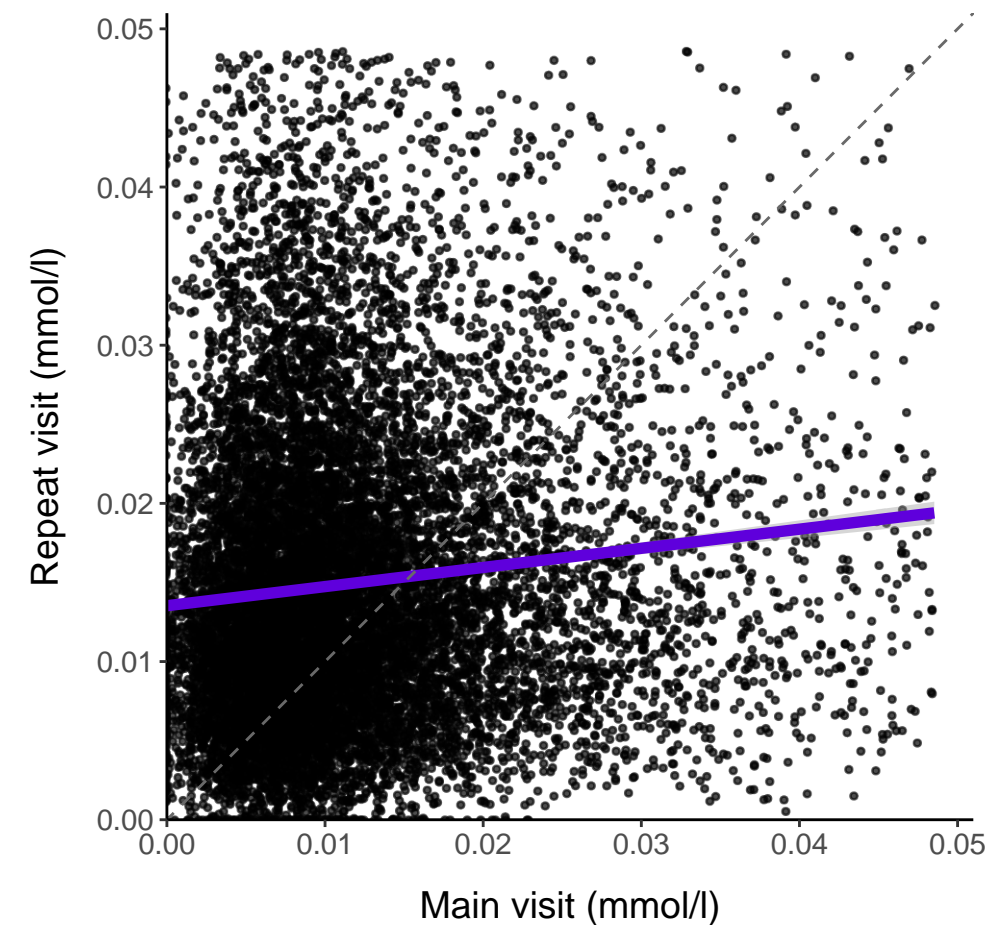
Acetate

R: 0.13
 $y = 0.03 + 0.16x$



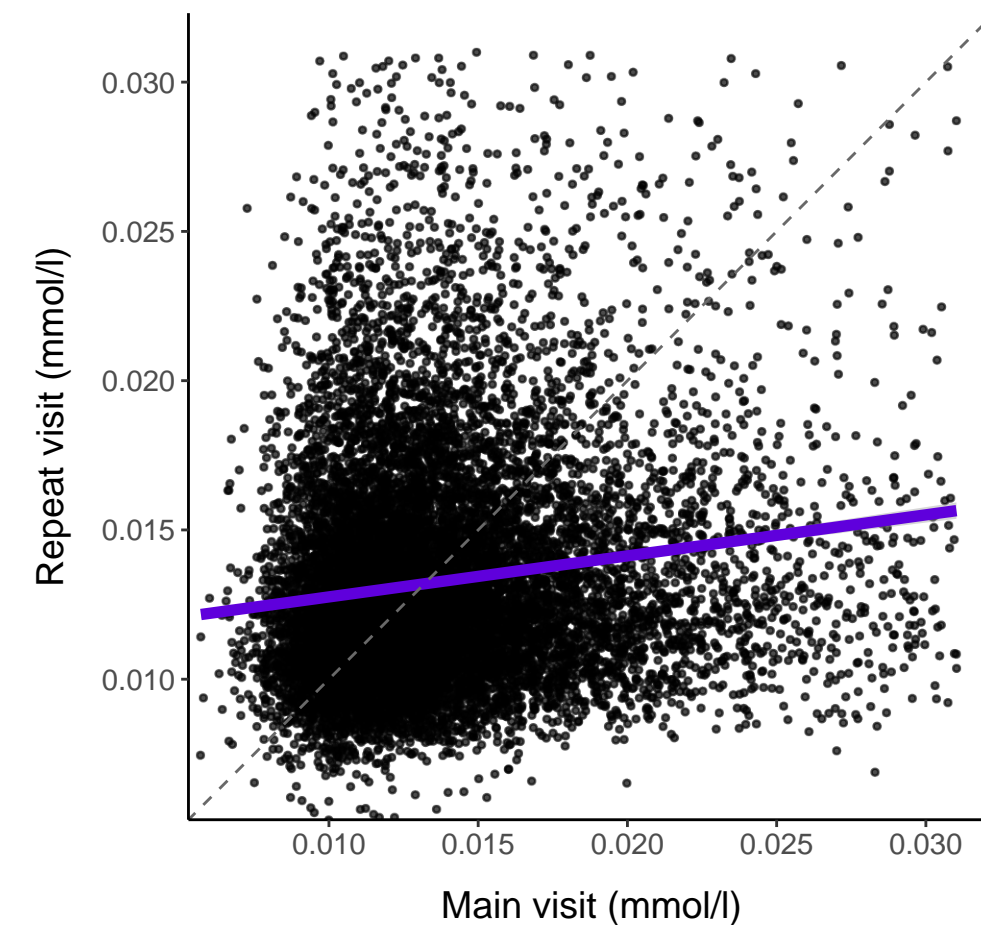
Acetoacetate

R: 0.11
 $y = 0.01 + 0.12x$



Acetone

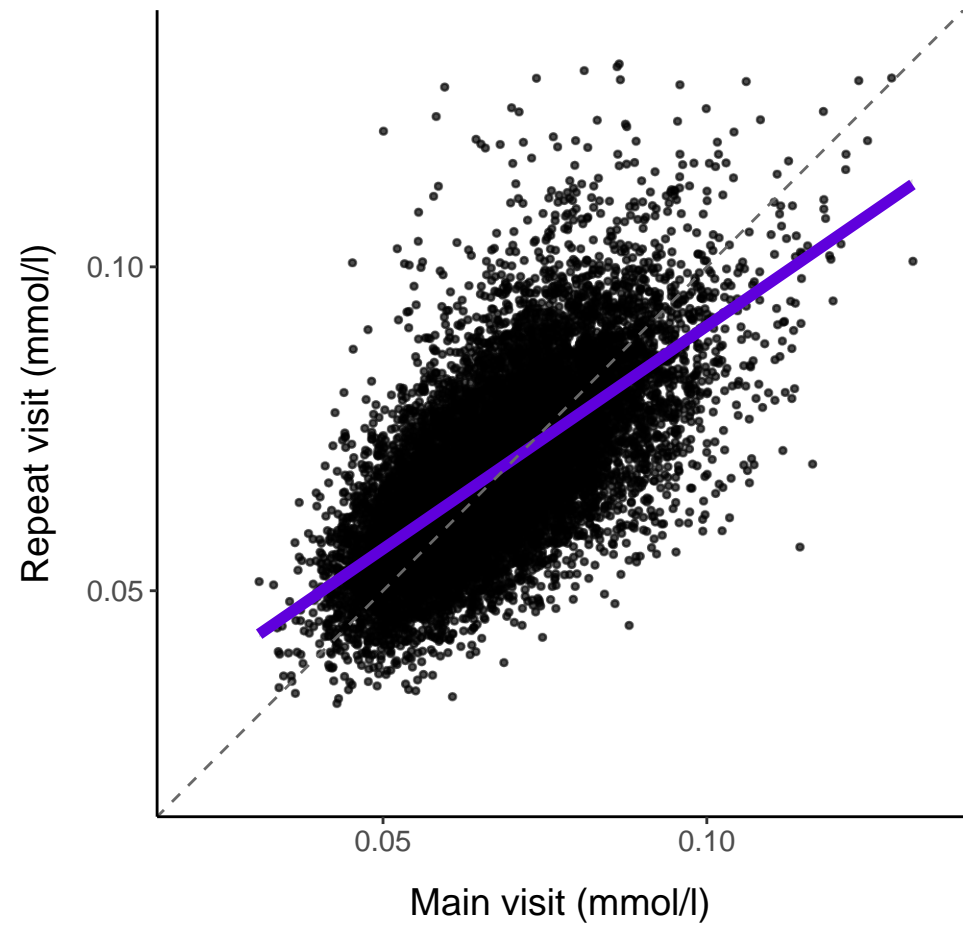
R: 0.14
 $y = 0.01 + 0.14x$



Fluid balance

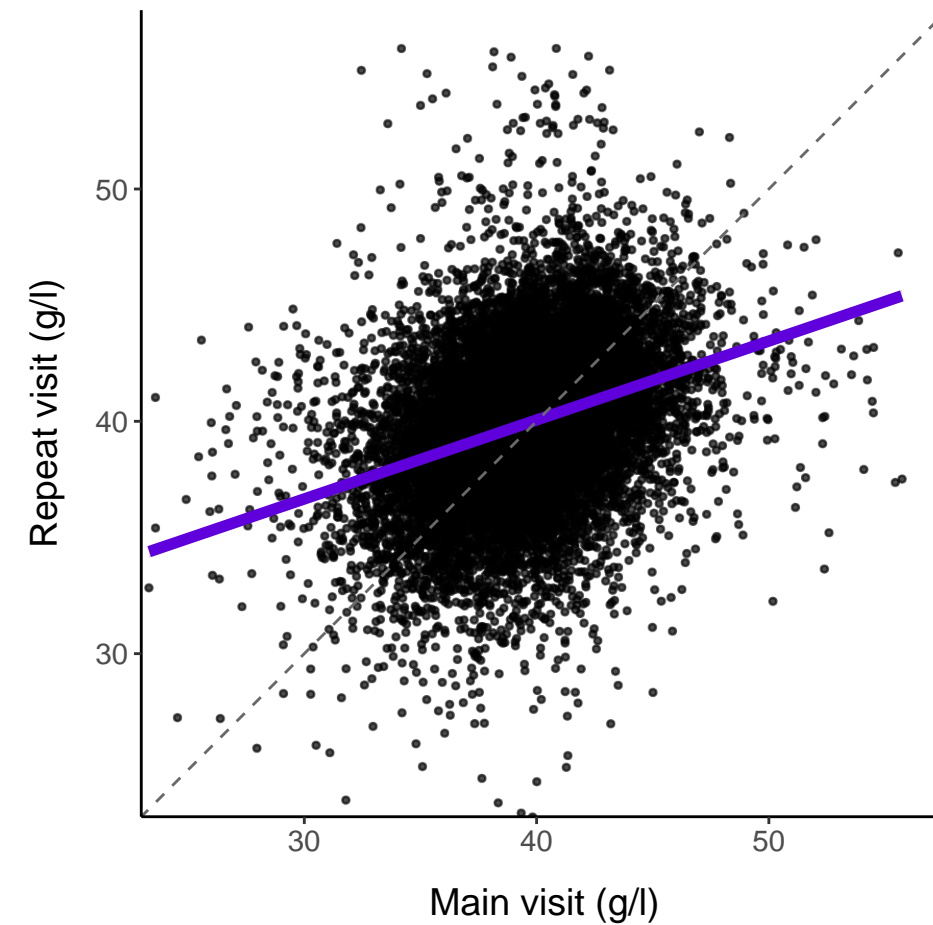
Creatinine

R: 0.66
 $y = 0.02 + 0.69x$

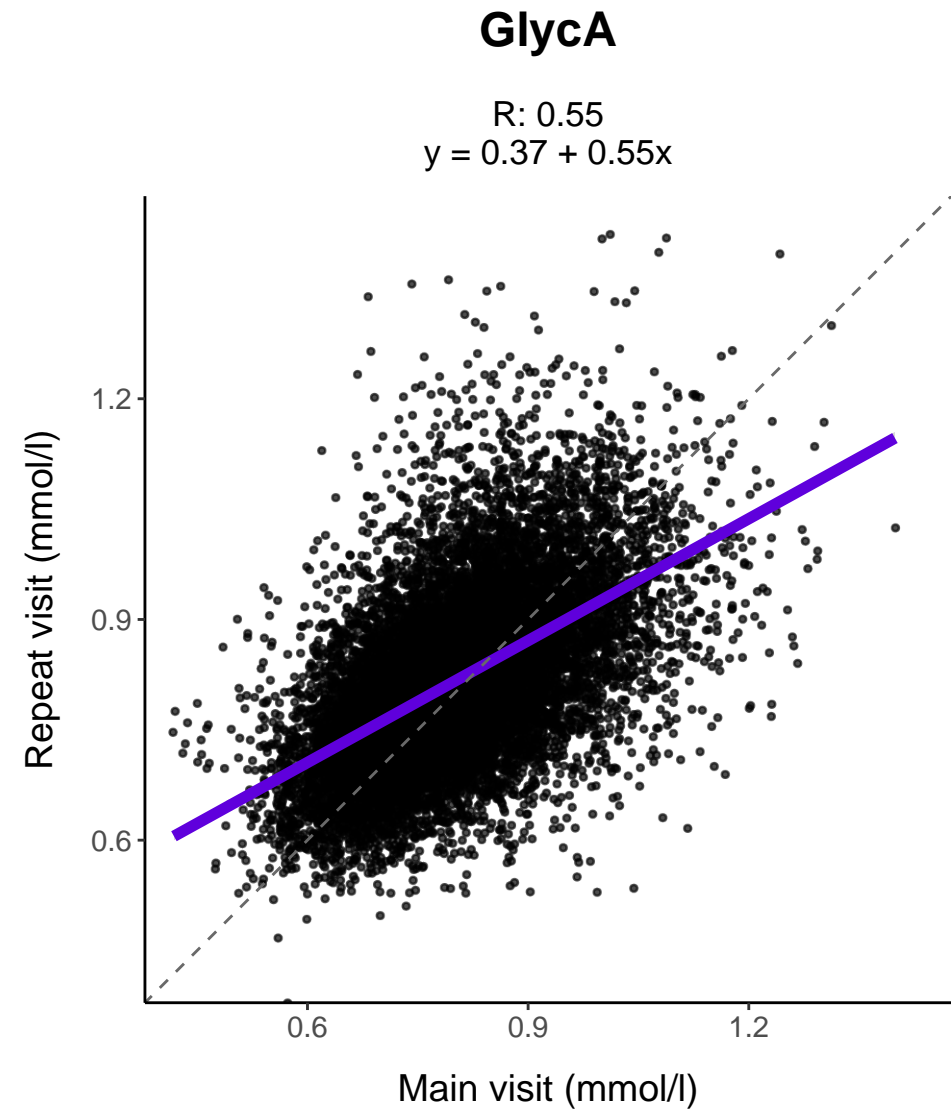


Albumin

R: 0.33
 $y = 26.47 + 0.34x$



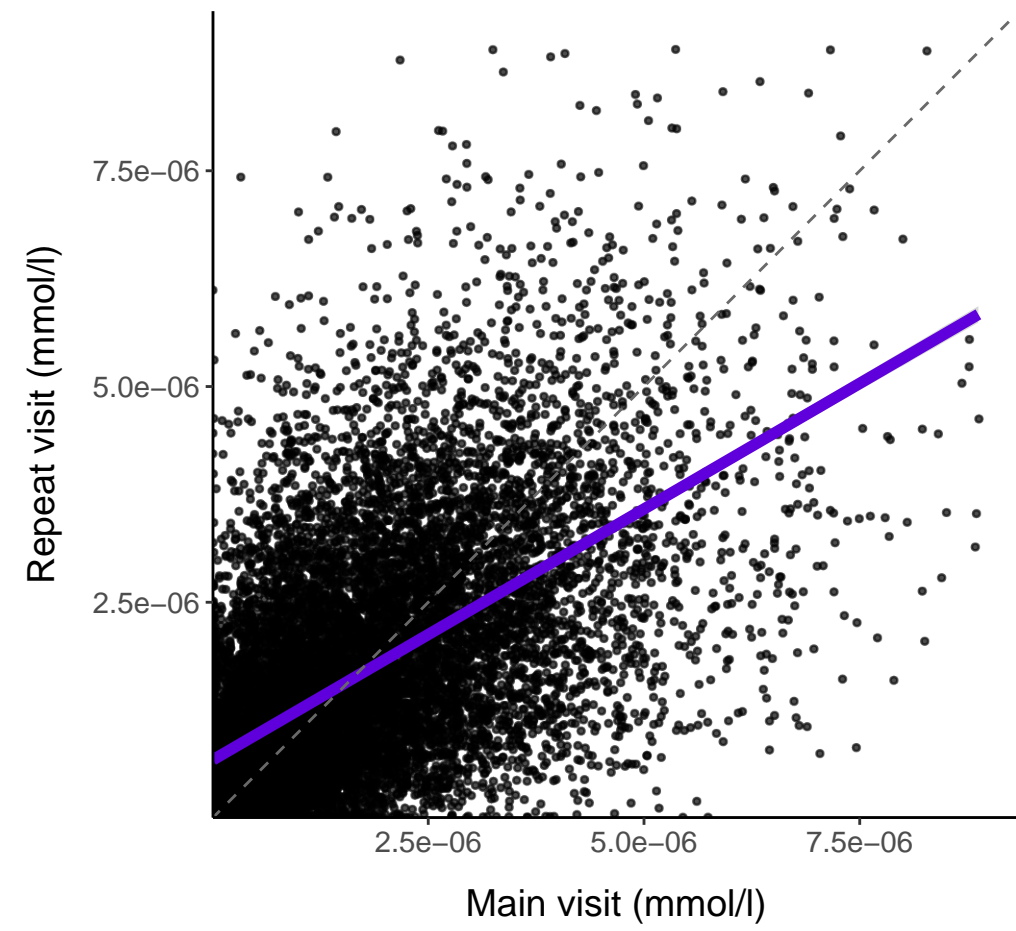
Inflammation



Chylomicrons and extremely large VLDL (particle diameters from 75 nm upwards)

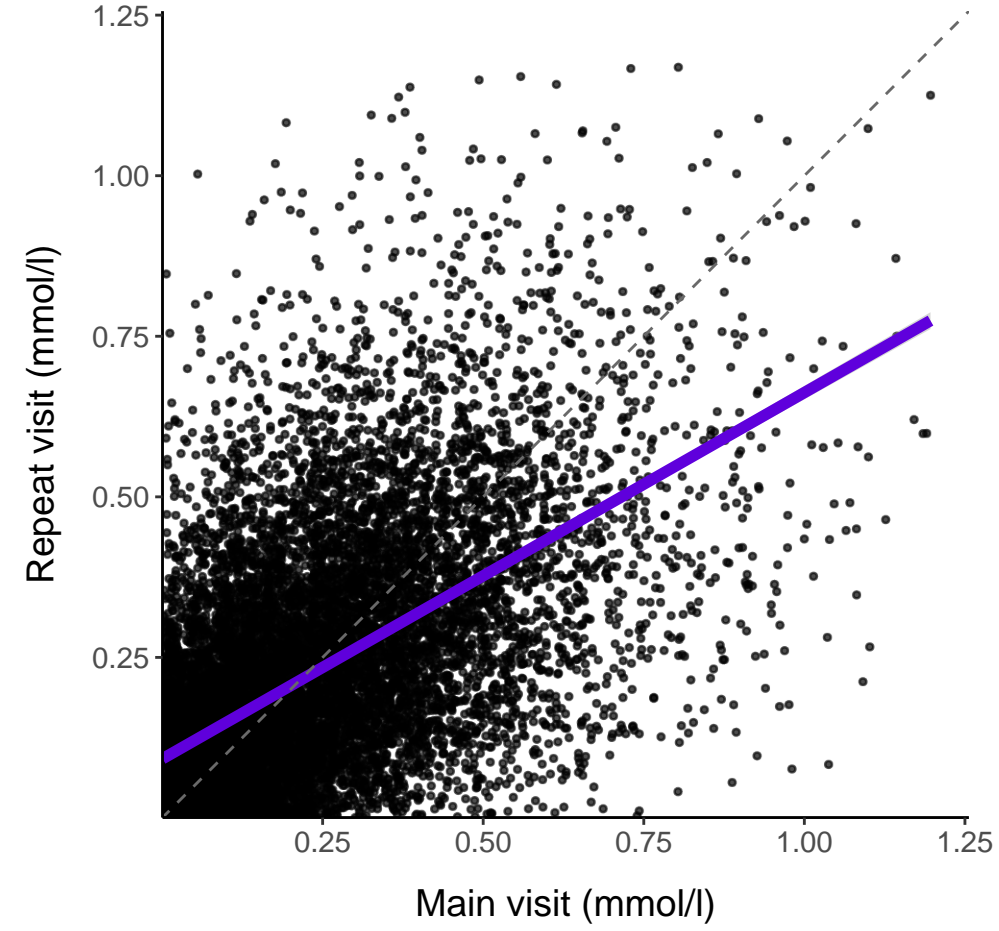
XXL_VLDL_P

R: 0.59
 $y = 0.00 + 0.58x$



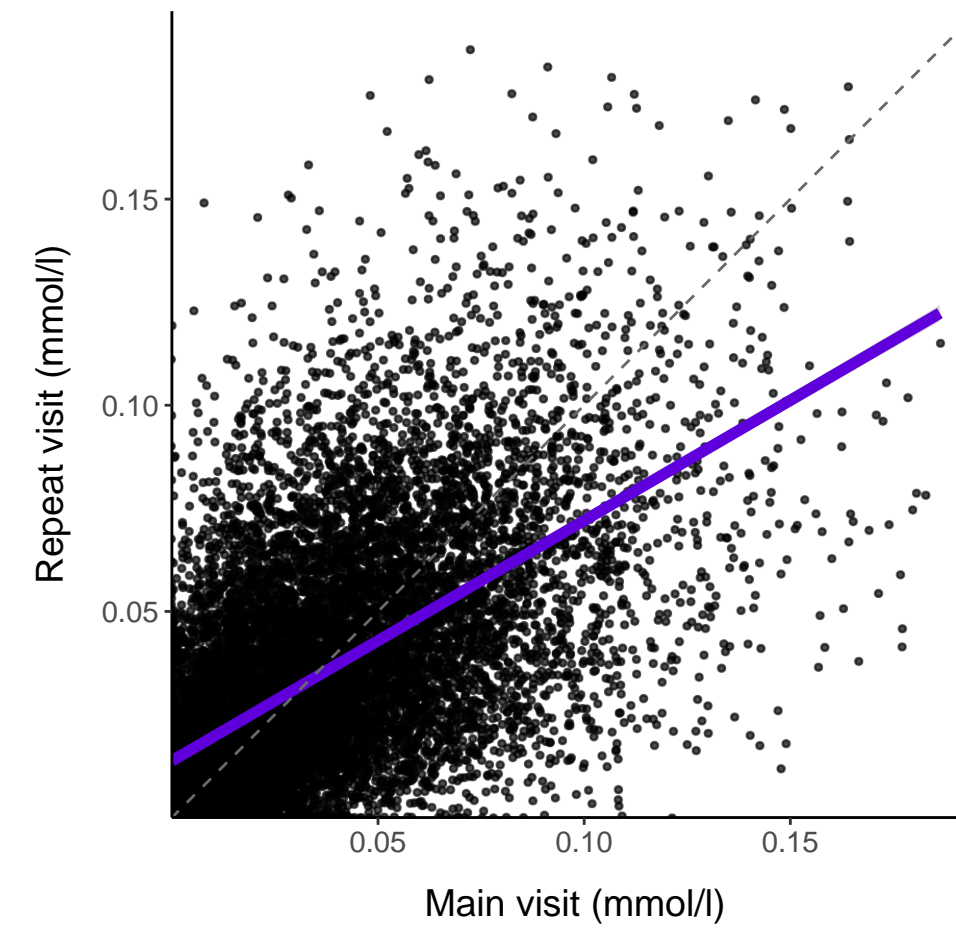
XXL_VLDL_L

R: 0.58
 $y = 0.09 + 0.57x$



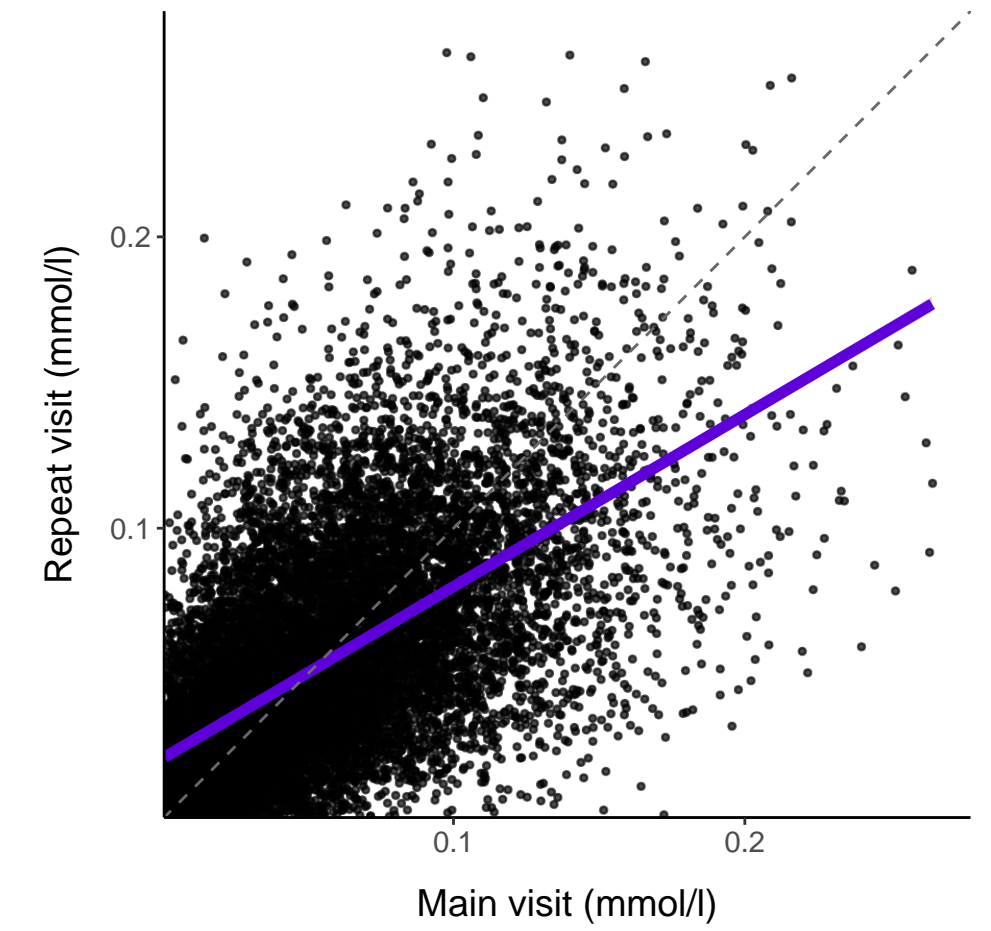
XXL_VLDL_PL

R: 0.6
 $y = 0.01 + 0.58x$



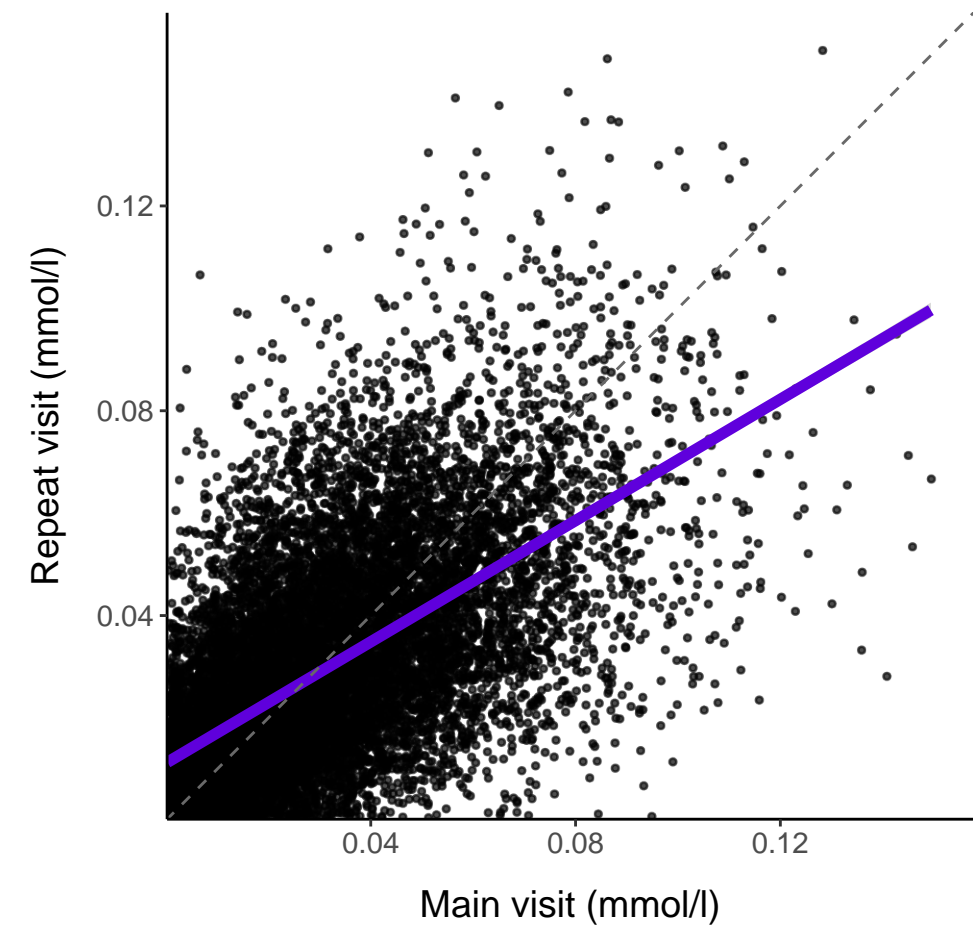
XXL_VLDL_C

R: 0.61
 $y = 0.02 + 0.59x$



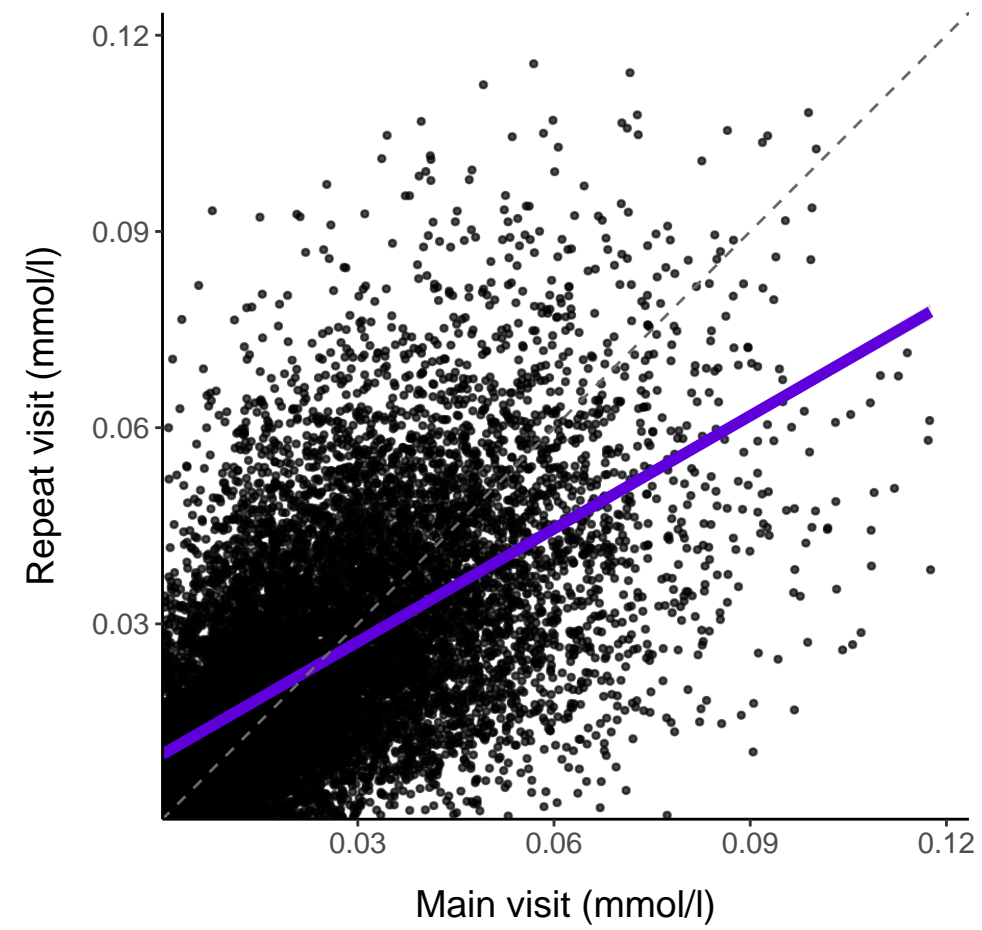
XXL_VLDL_CE

R: 0.62
 $y = 0.01 + 0.59x$



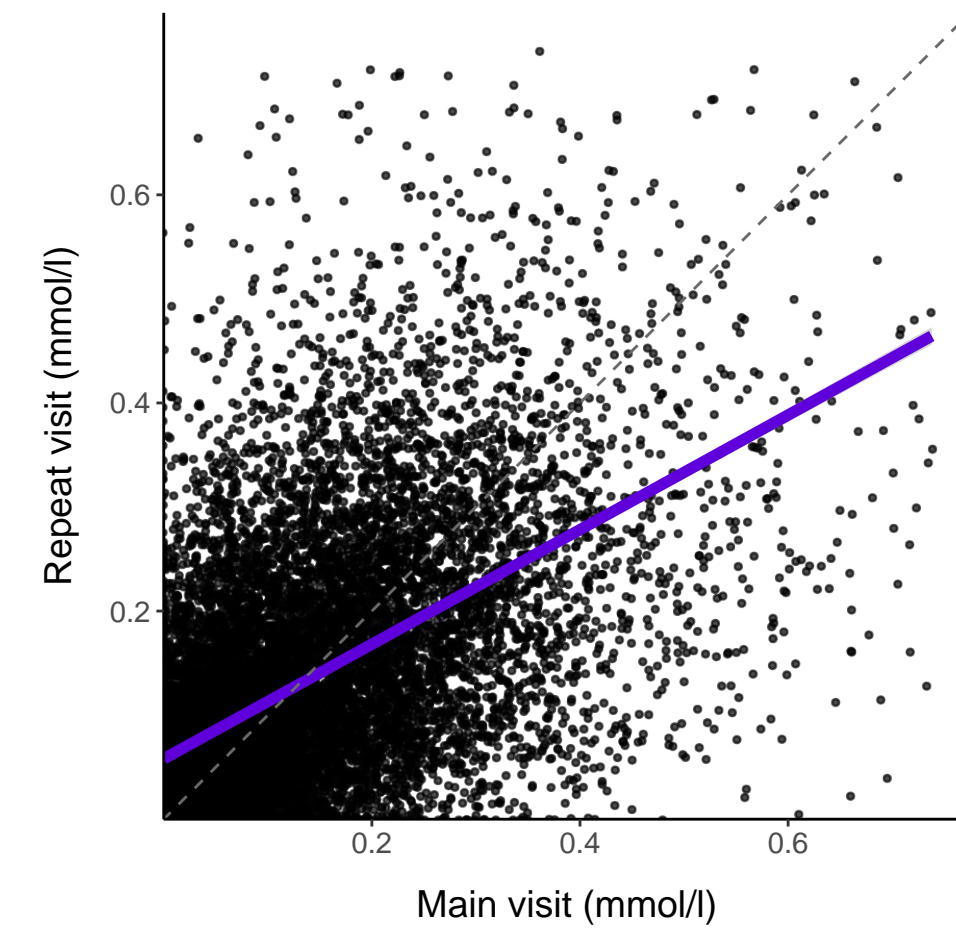
XXL_VLDL_FC

R: 0.6
 $y = 0.01 + 0.58x$



XXL_VLDL_TG

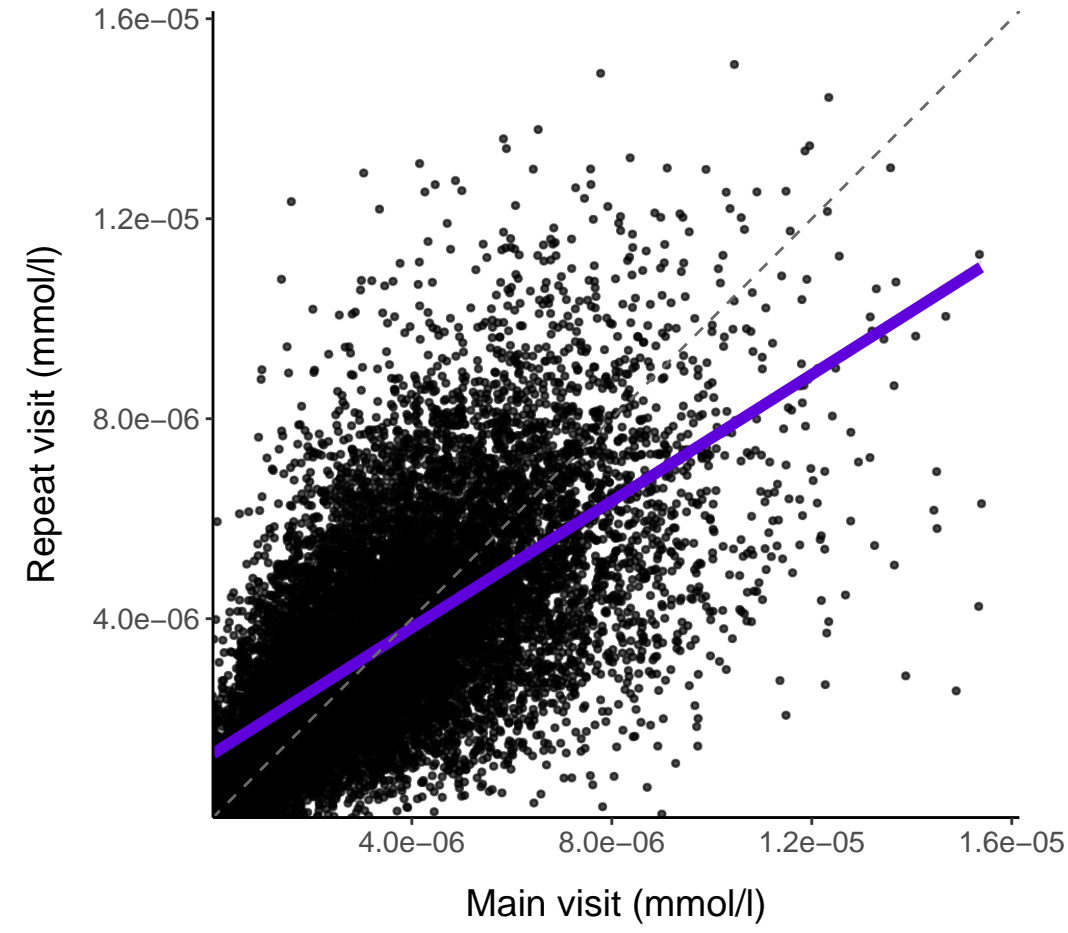
R: 0.56
 $y = 0.06 + 0.55x$



Very large VLDL (average diameter 64 nm)

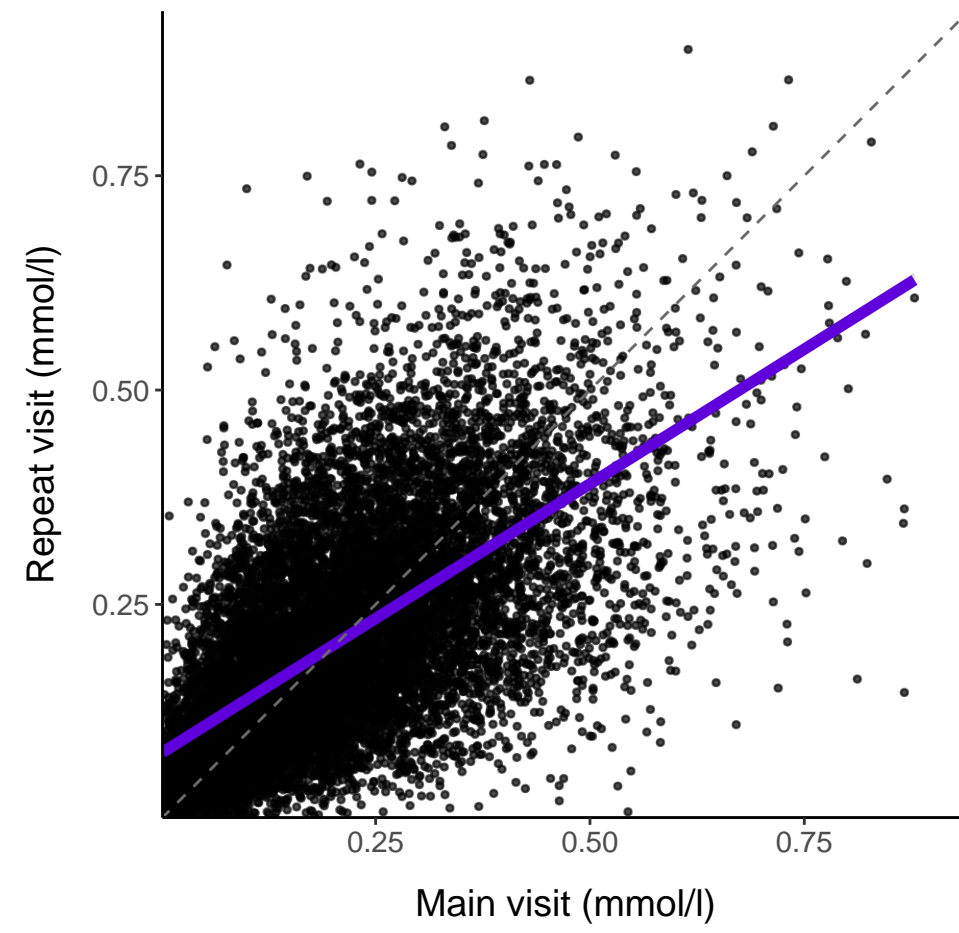
XL_VLDL_P

R: 0.64
 $y = 0.00 + 0.63x$



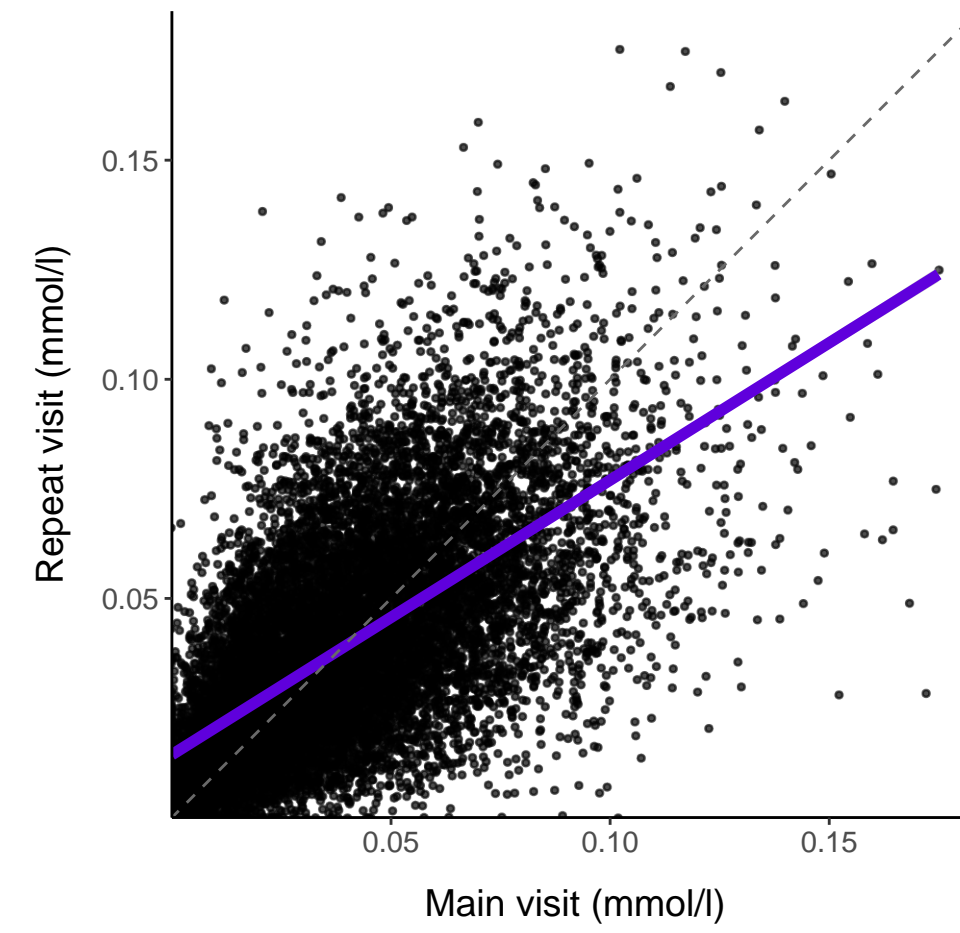
XL_VLDL_L

R: 0.64
 $y = 0.08 + 0.63x$



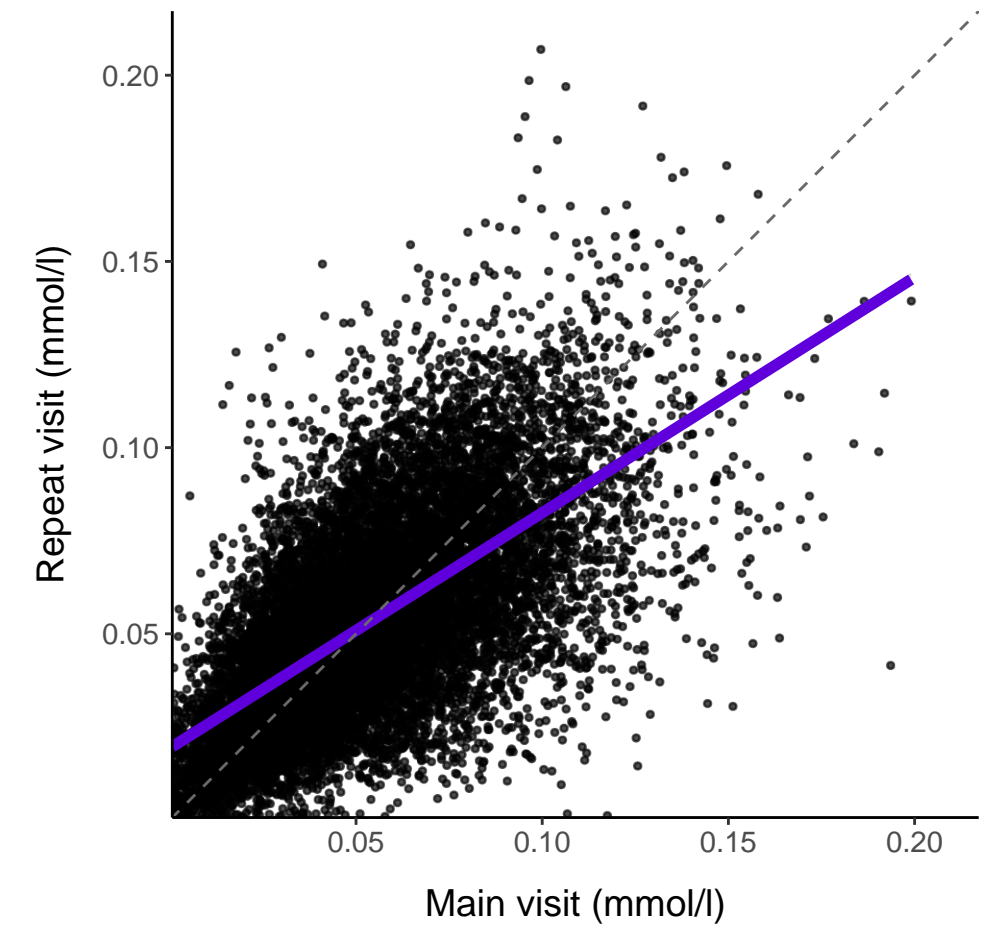
XL_VLDL_PL

R: 0.64
 $y = 0.01 + 0.63x$



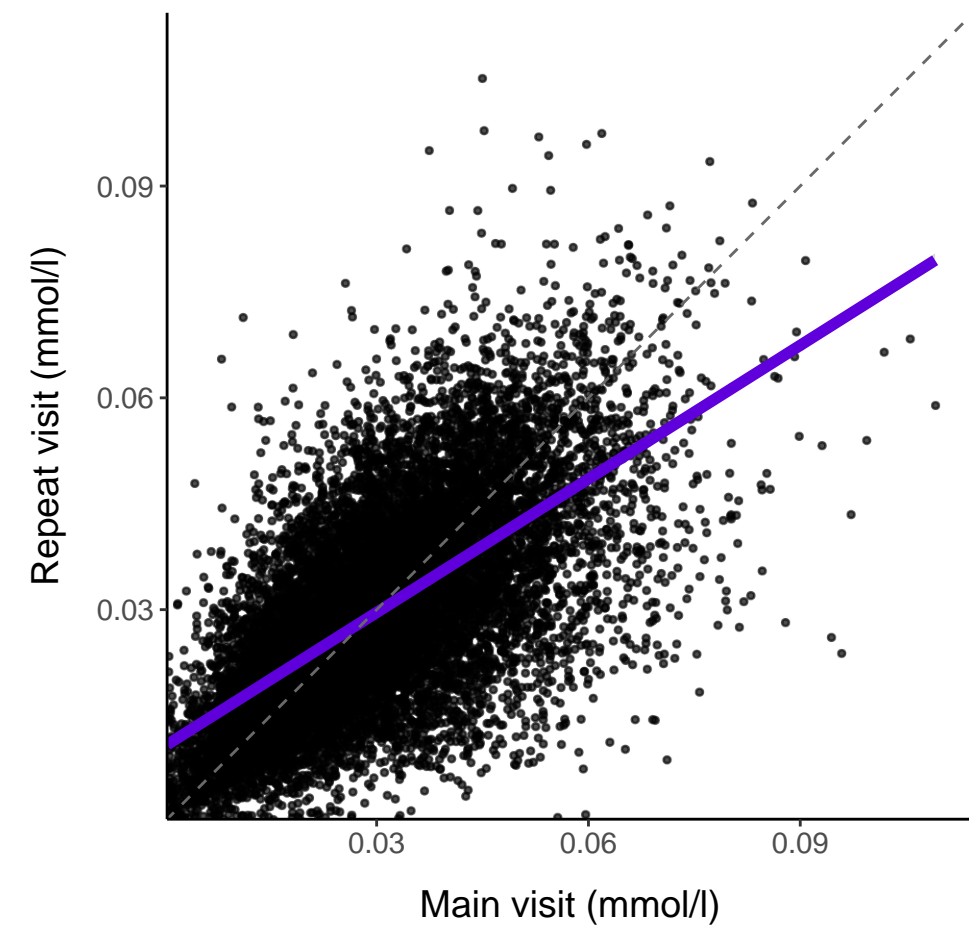
XL_VLDL_C

R: 0.65
 $y = 0.02 + 0.63x$



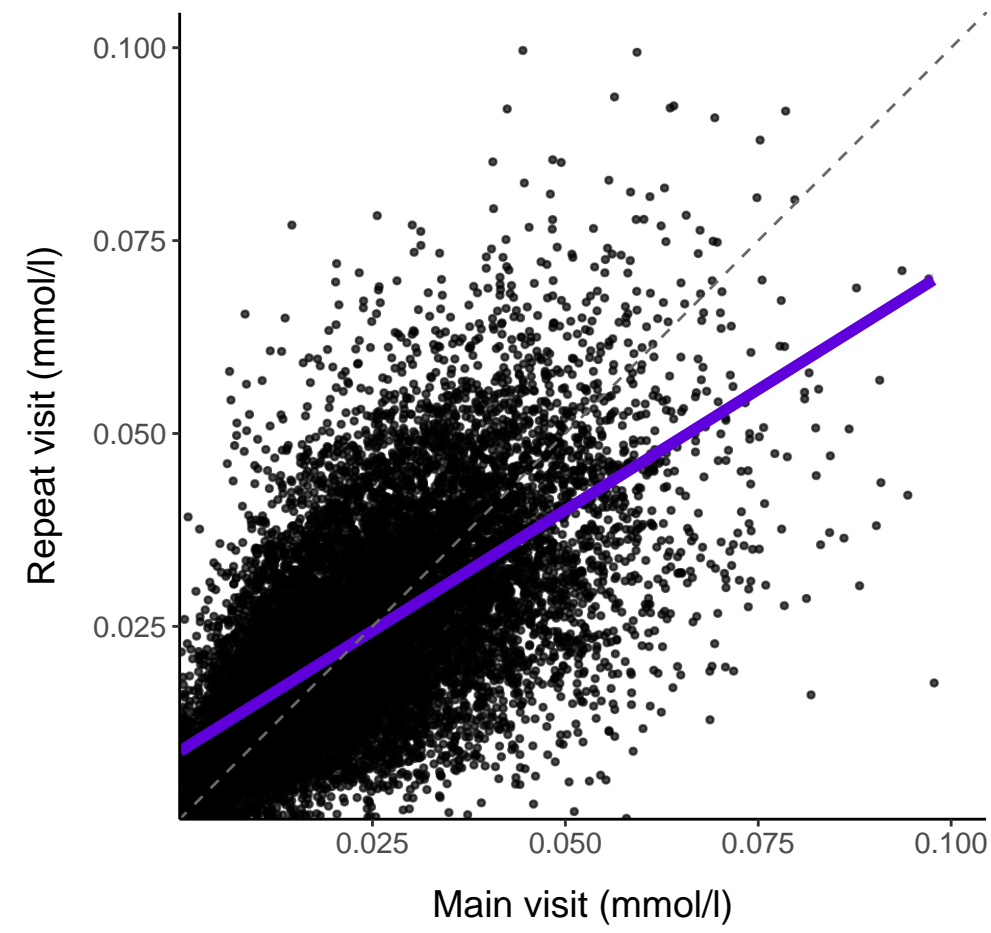
XL_VLDL_CE

R: 0.65
 $y = 0.01 + 0.63x$



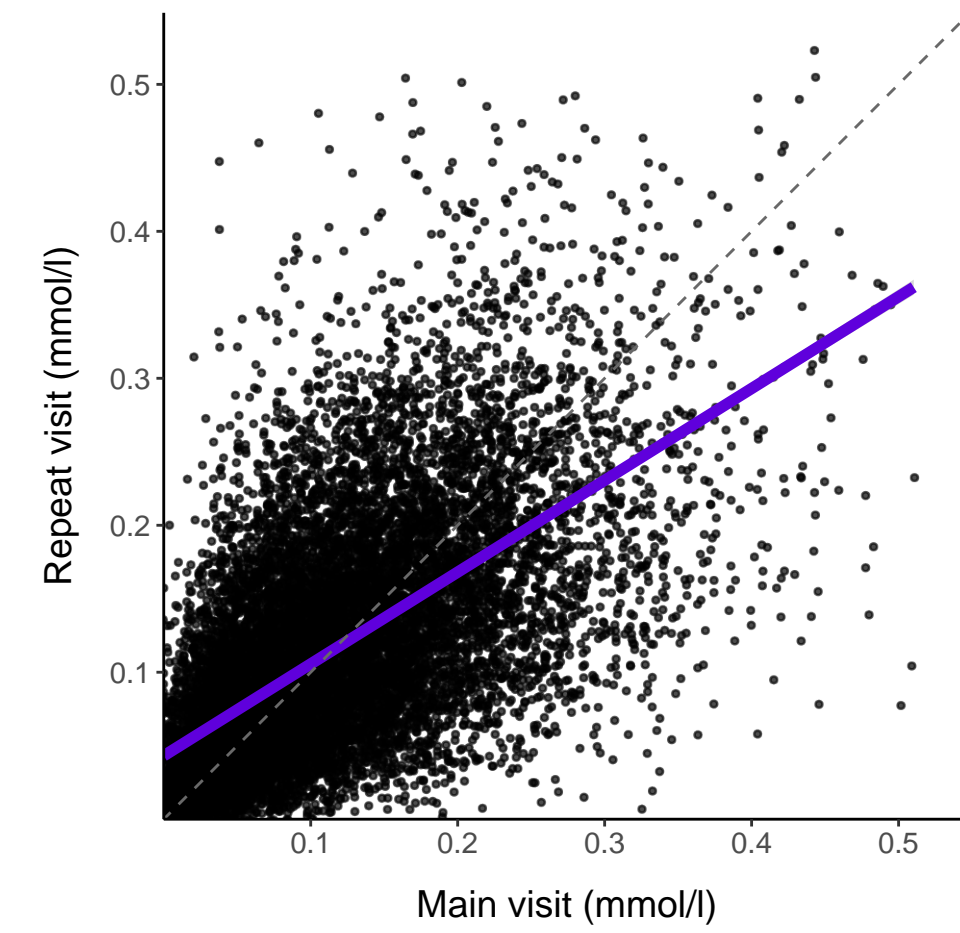
XL_VLDL_FC

R: 0.64
 $y = 0.01 + 0.63x$



XL_VLDL_TG

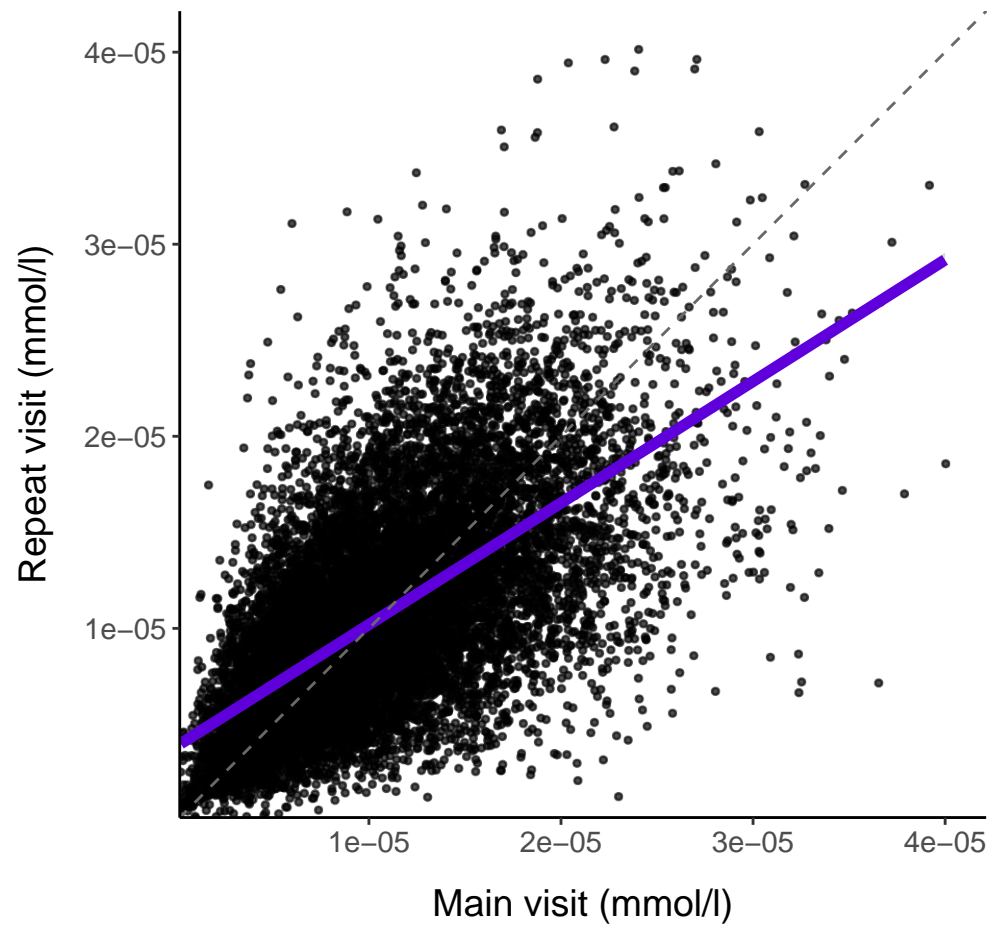
R: 0.62
 $y = 0.04 + 0.62x$



Large VLDL (average diameter 53.6 nm)

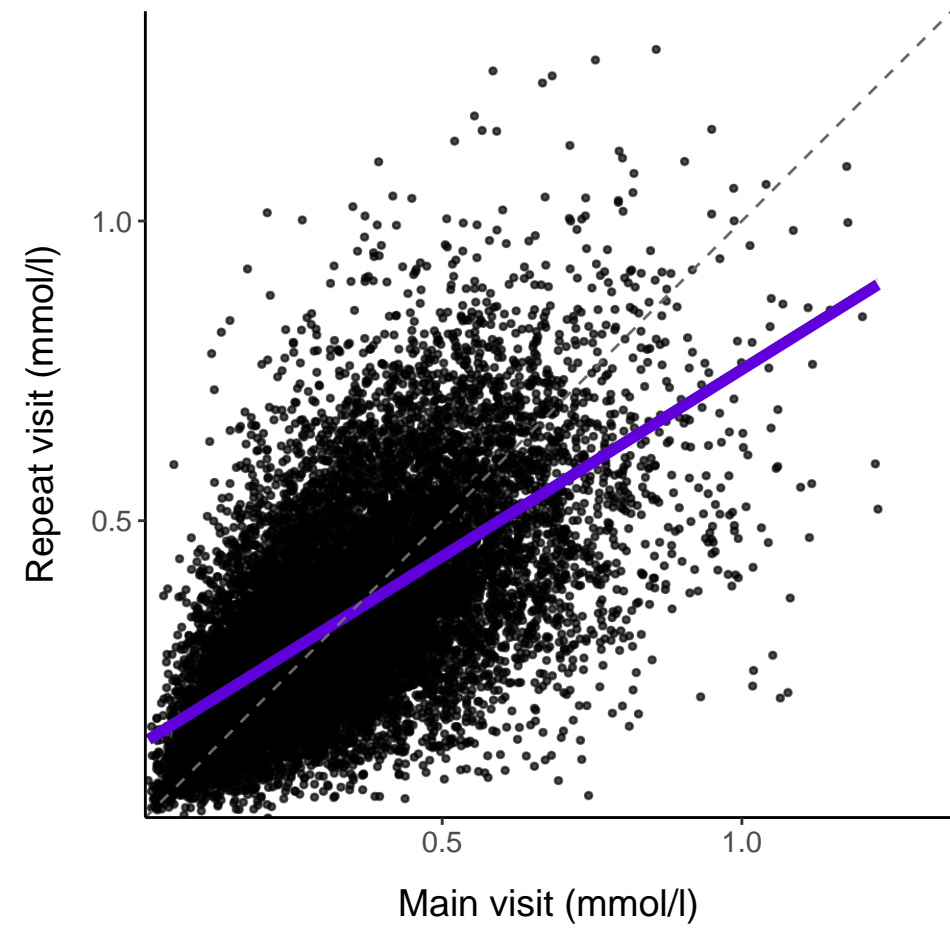
L_VLDL_P

R: 0.64
 $y = 0.00 + 0.63x$



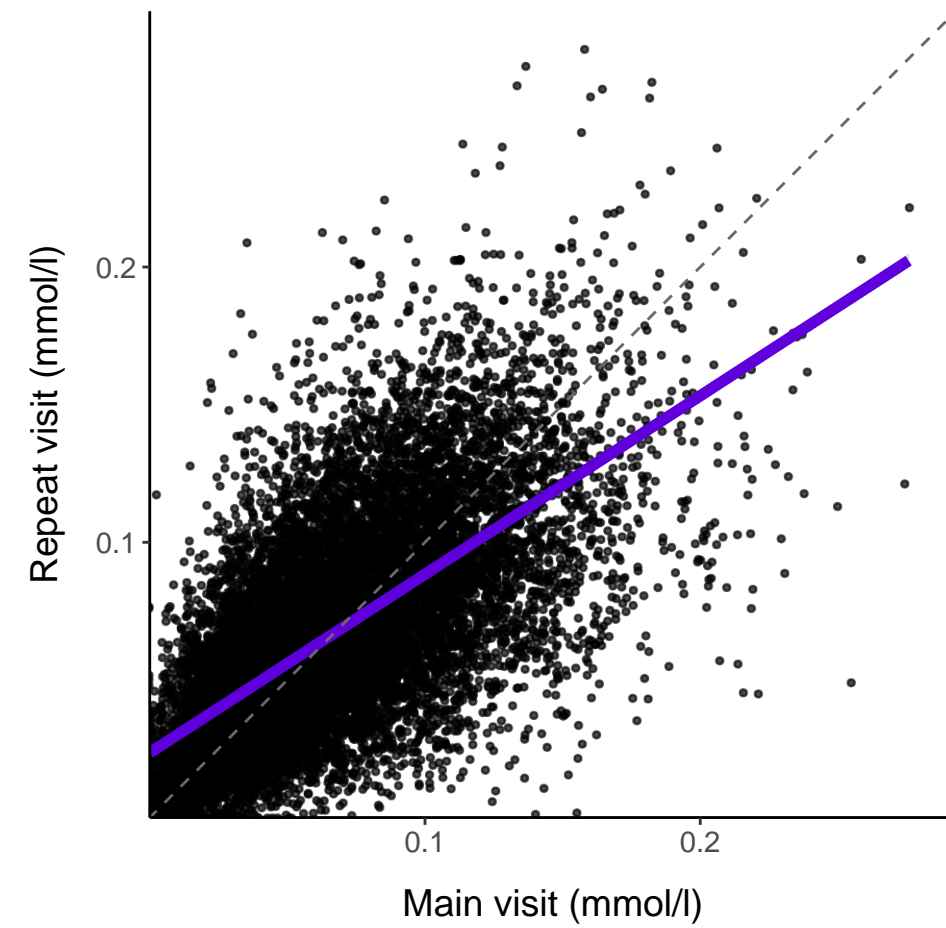
L_VLDL_L

R: 0.63
 $y = 0.13 + 0.62x$



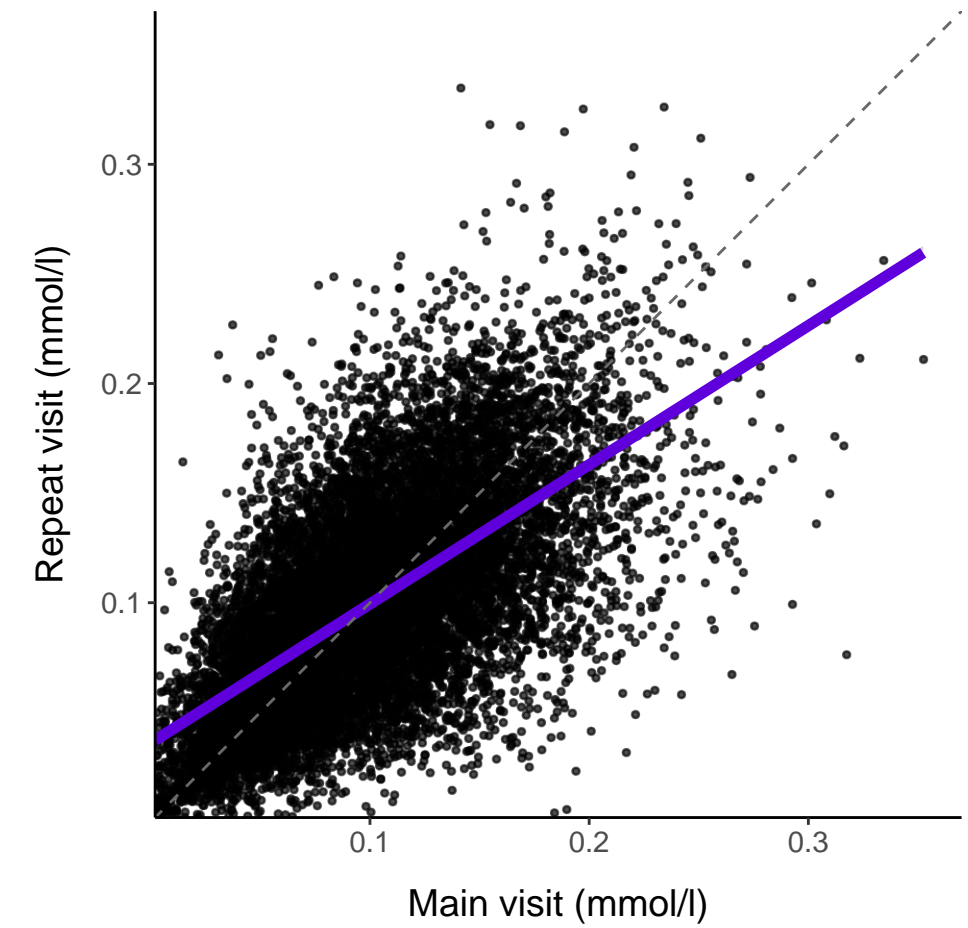
L_VLDL_PL

R: 0.66
 $y = 0.02 + 0.65x$



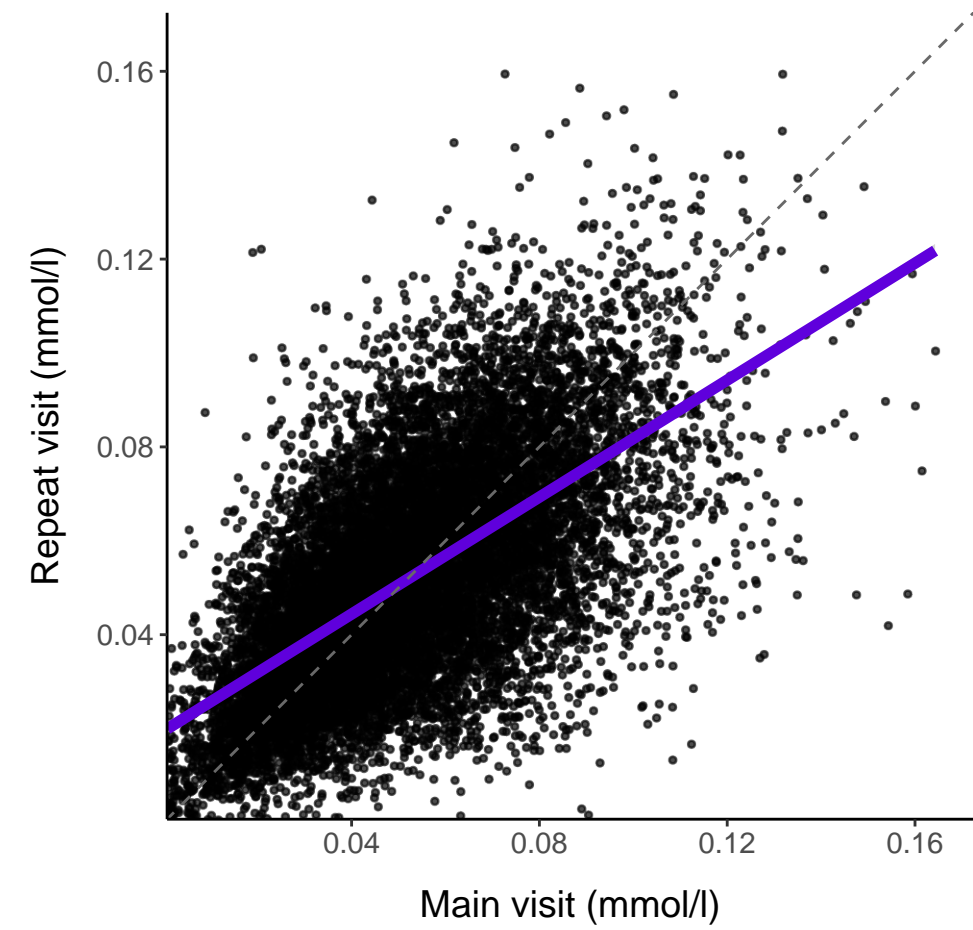
L_VLDL_C

R: 0.64
 $y = 0.04 + 0.63x$



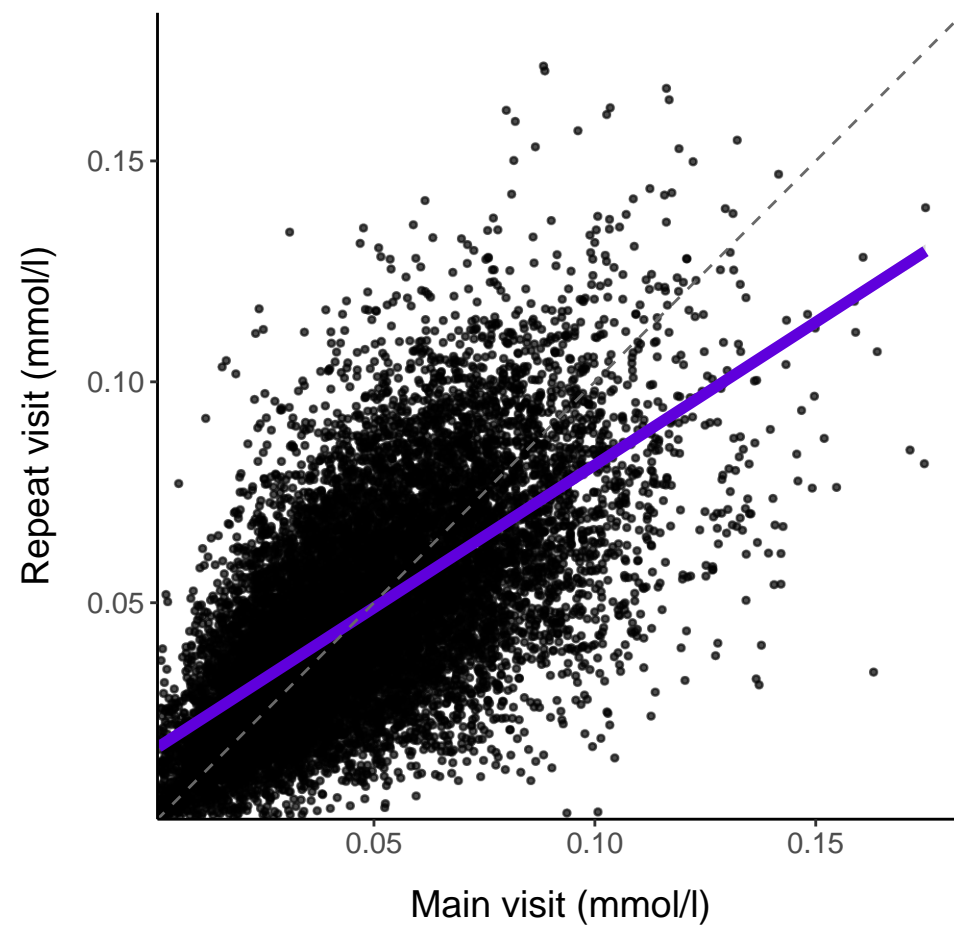
L_VLDL_CE

R: 0.63
 $y = 0.02 + 0.62x$



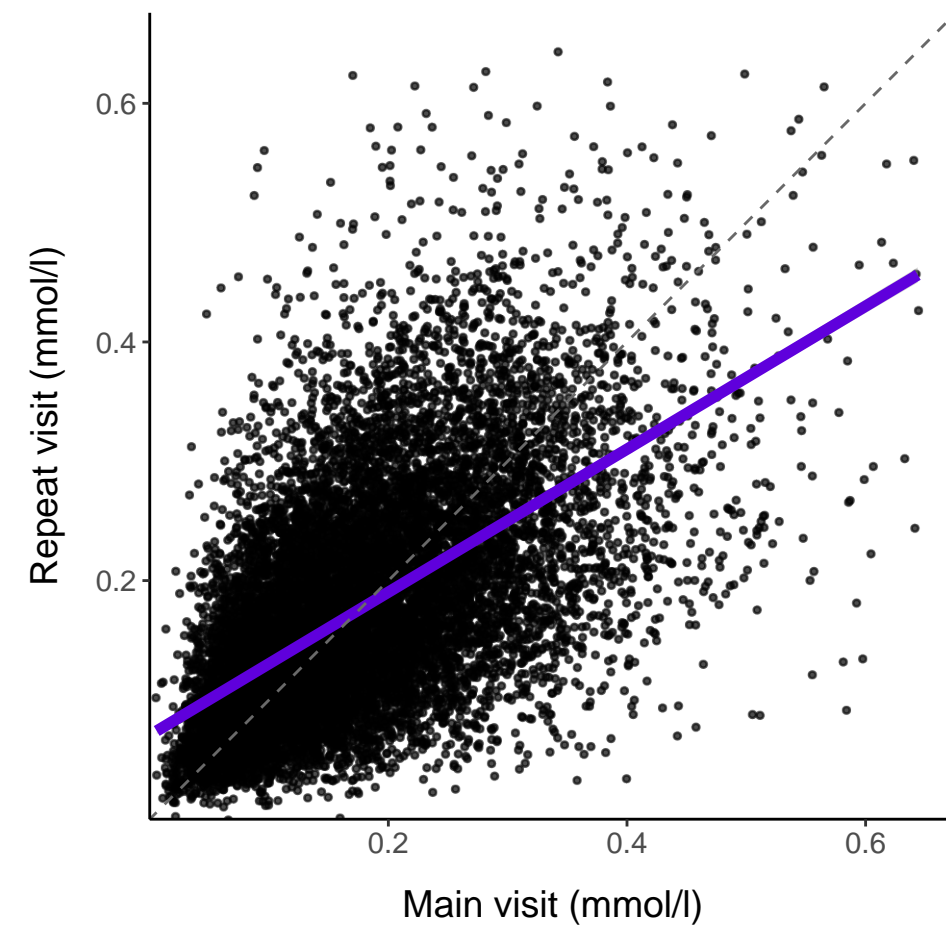
L_VLDL_FC

R: 0.66
 $y = 0.02 + 0.65x$



L_VLDL_TG

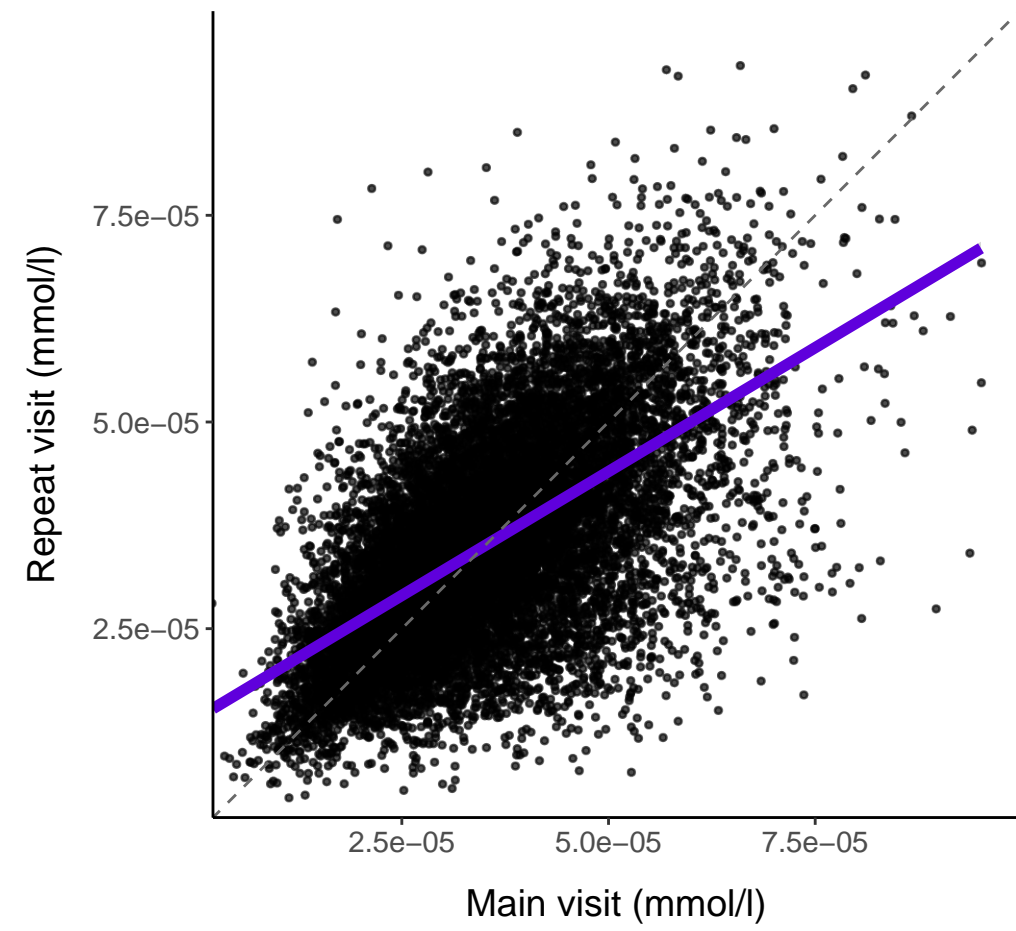
R: 0.59
 $y = 0.07 + 0.60x$



Medium VLDL (average diameter 44.5 nm)

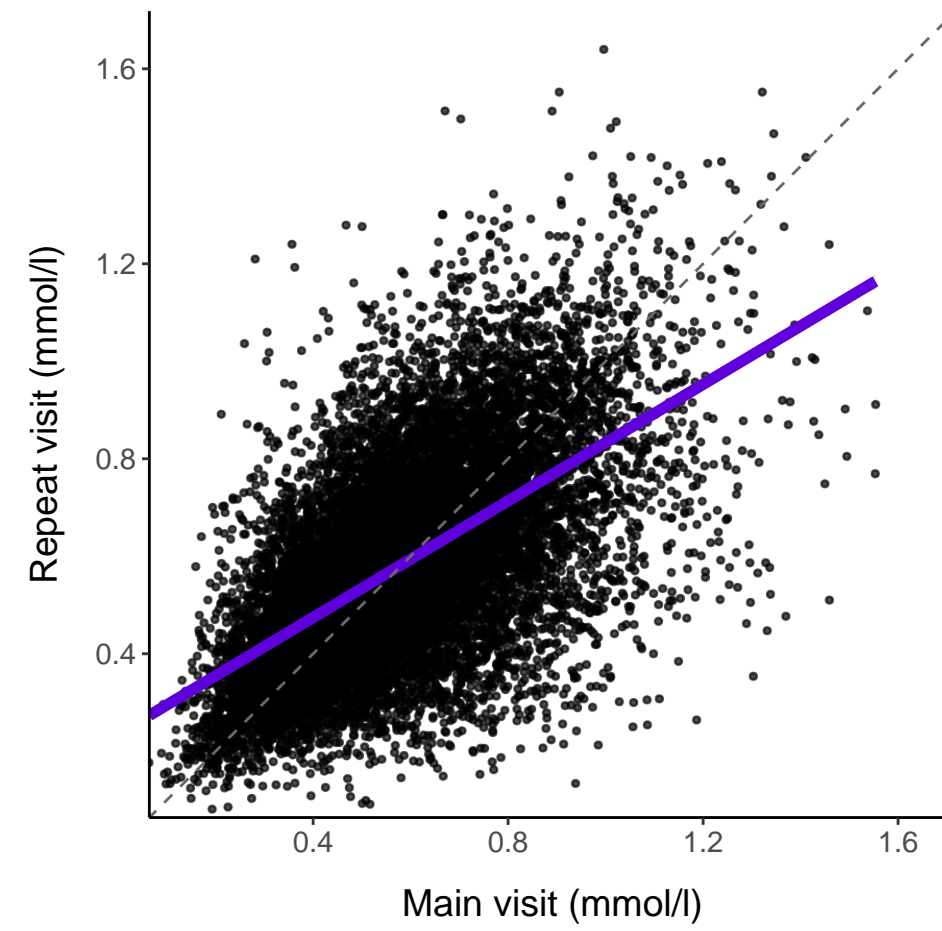
M_VLDL_P

R: 0.6
 $y = 0.00 + 0.60x$



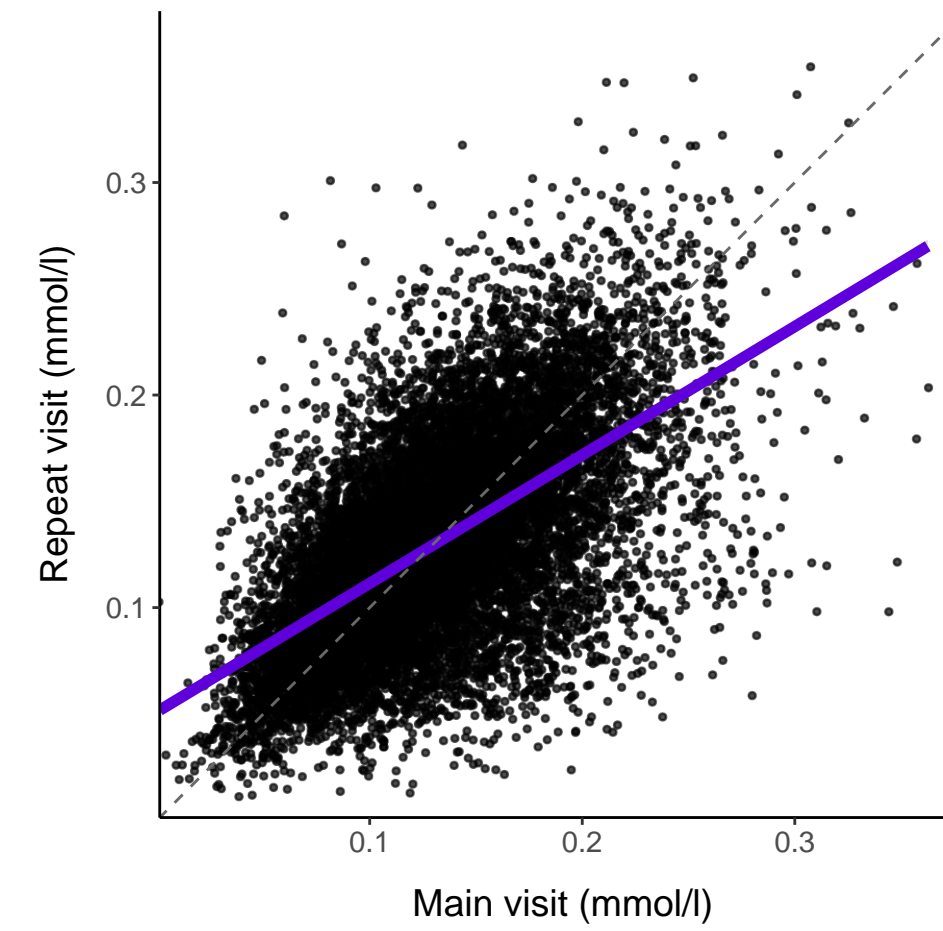
M_VLDL_L

R: 0.6
 $y = 0.24 + 0.60x$



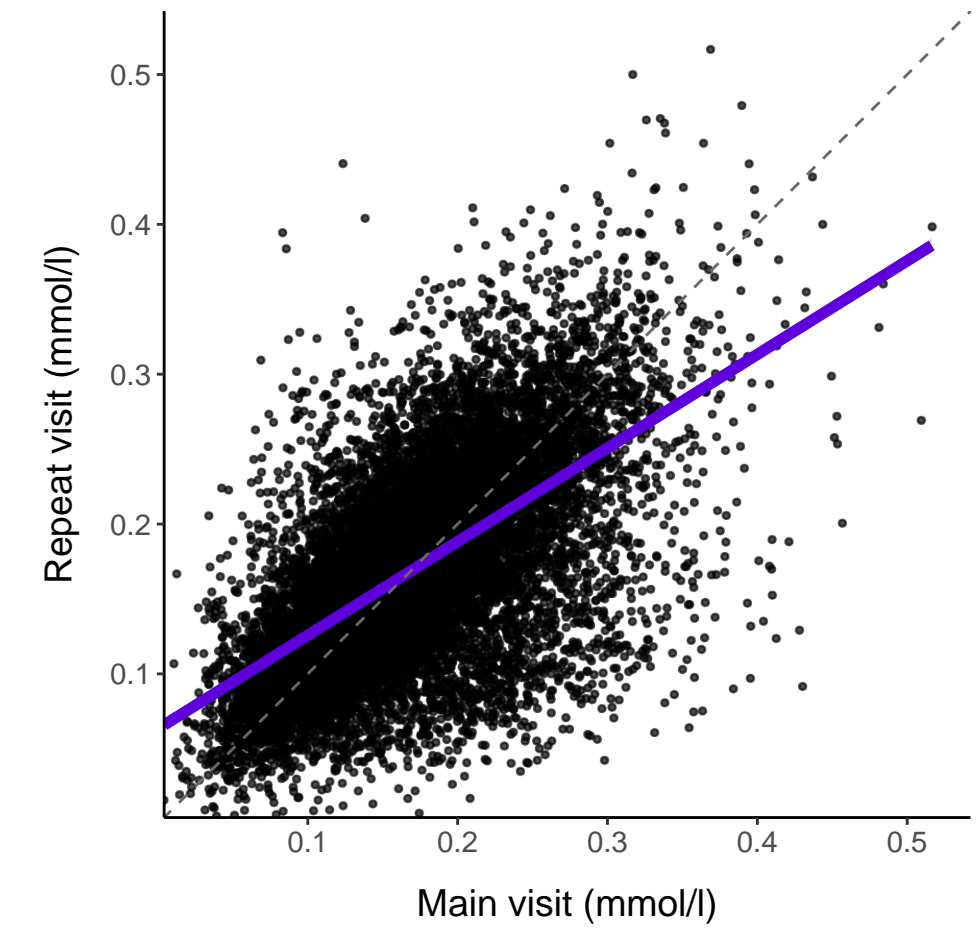
M_VLDL_PL

R: 0.6
 $y = 0.05 + 0.60x$



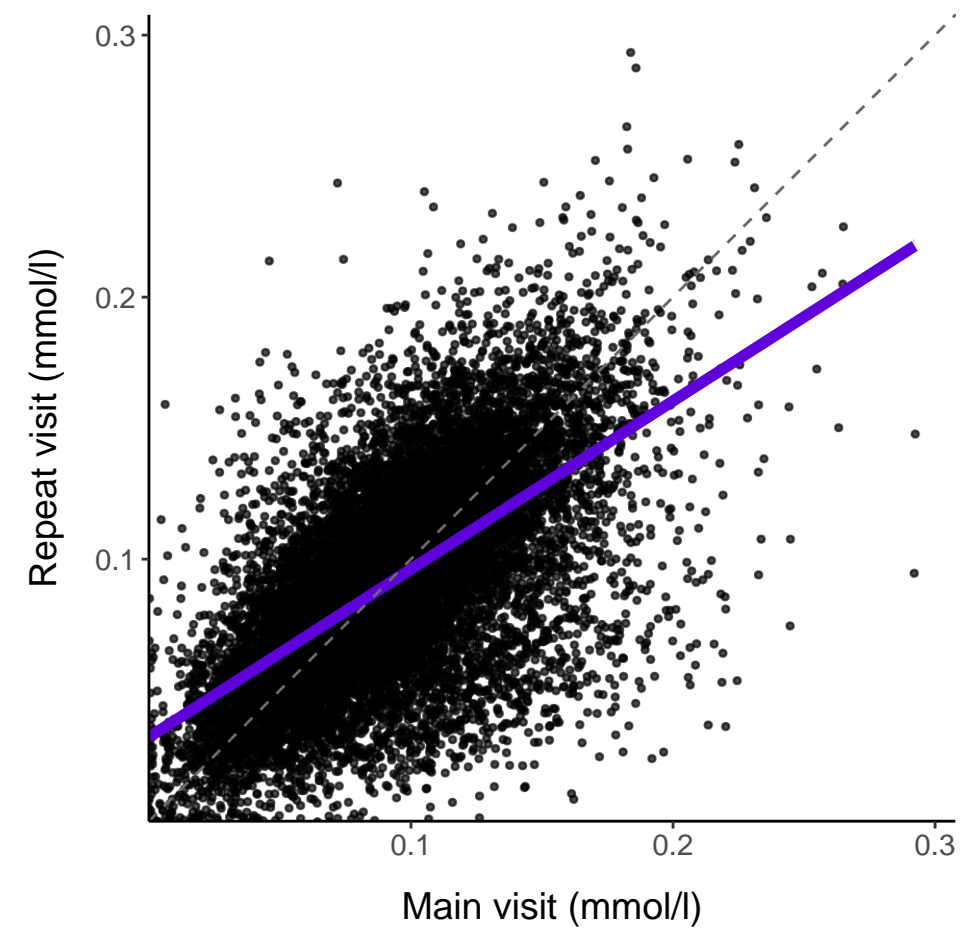
M_VLDL_C

R: 0.61
 $y = 0.06 + 0.62x$



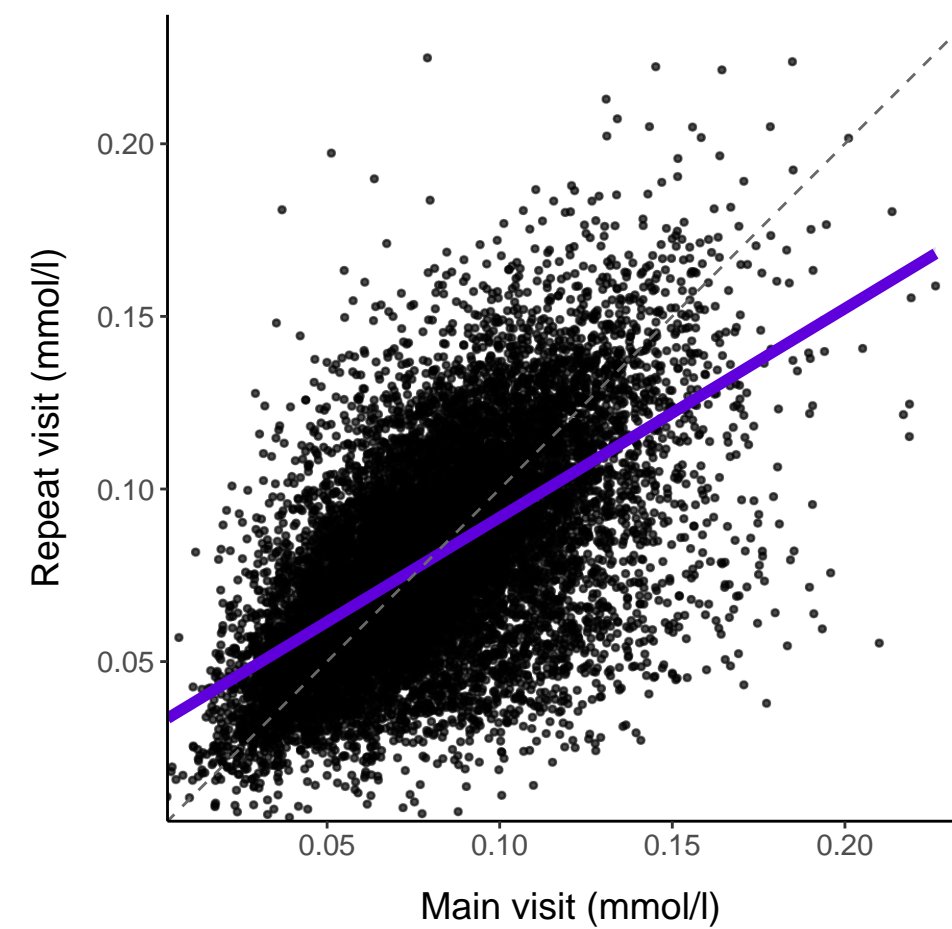
M_VLDL_CE

R: 0.62
 $y = 0.03 + 0.64x$



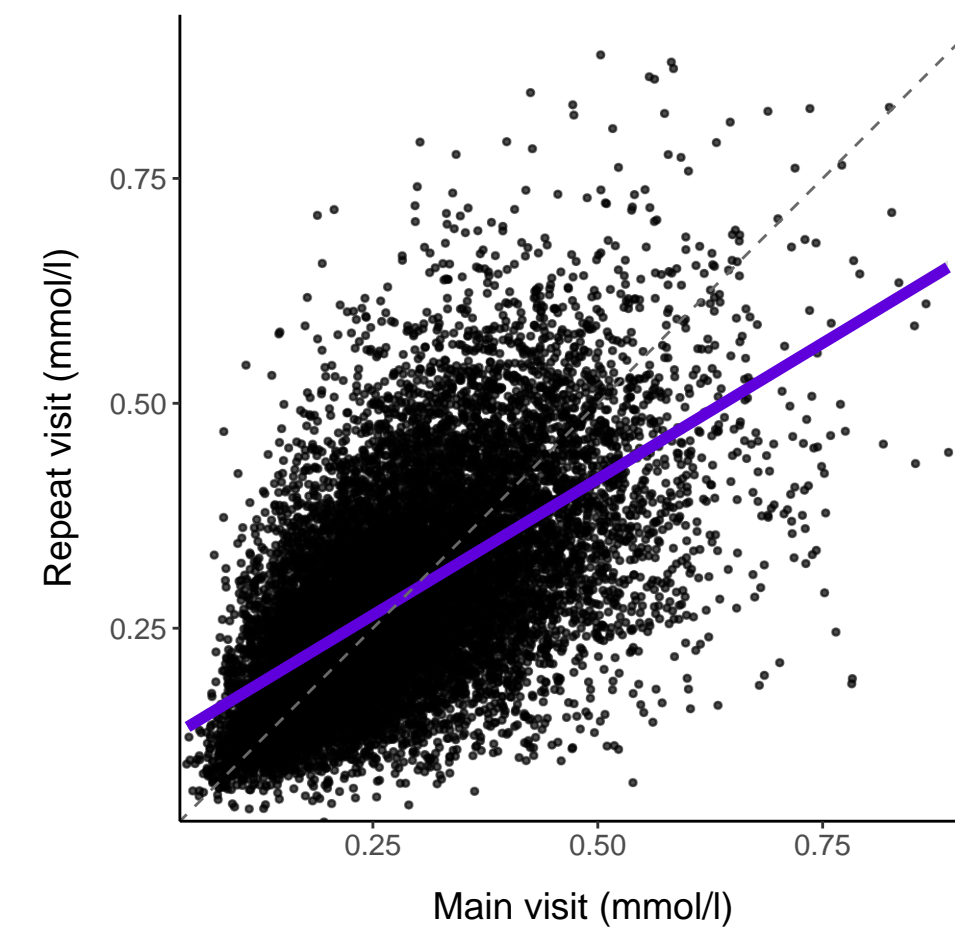
M_VLDL_FC

R: 0.6
 $y = 0.03 + 0.61x$



M_VLDL_TG

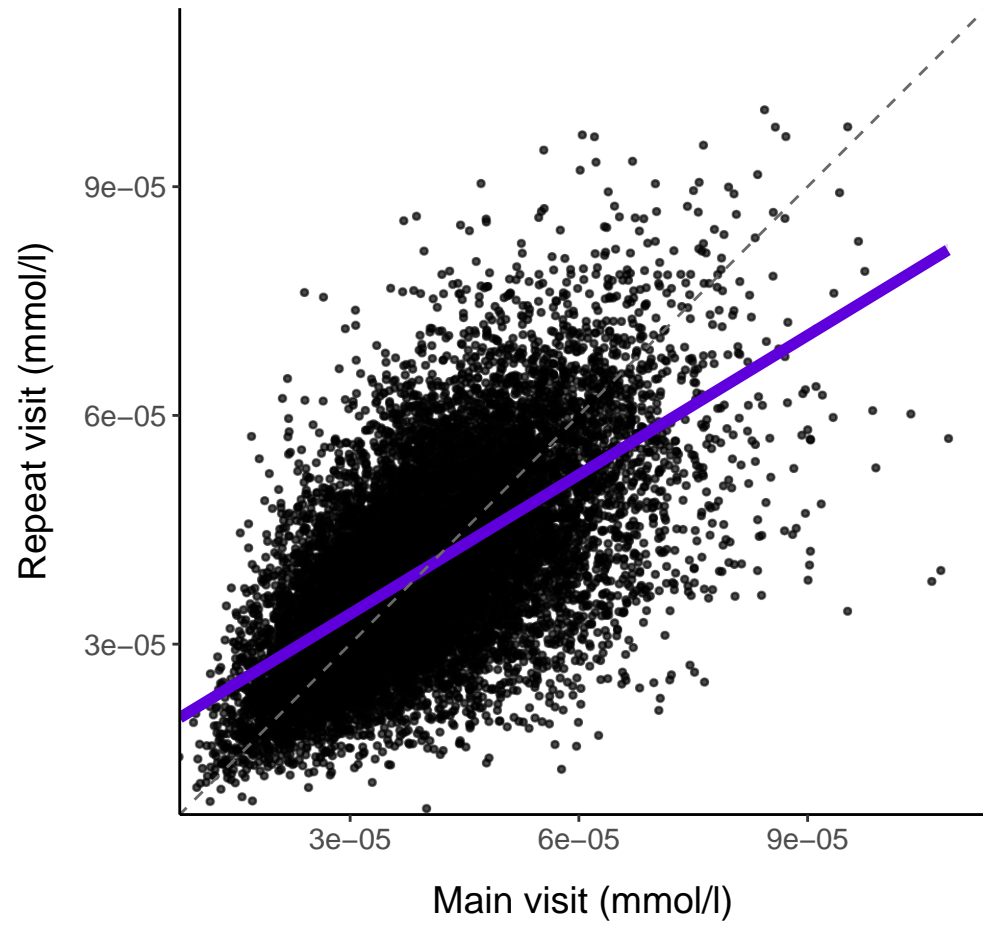
R: 0.6
 $y = 0.11 + 0.60x$



Small VLDL (average diameter 36.8 nm)

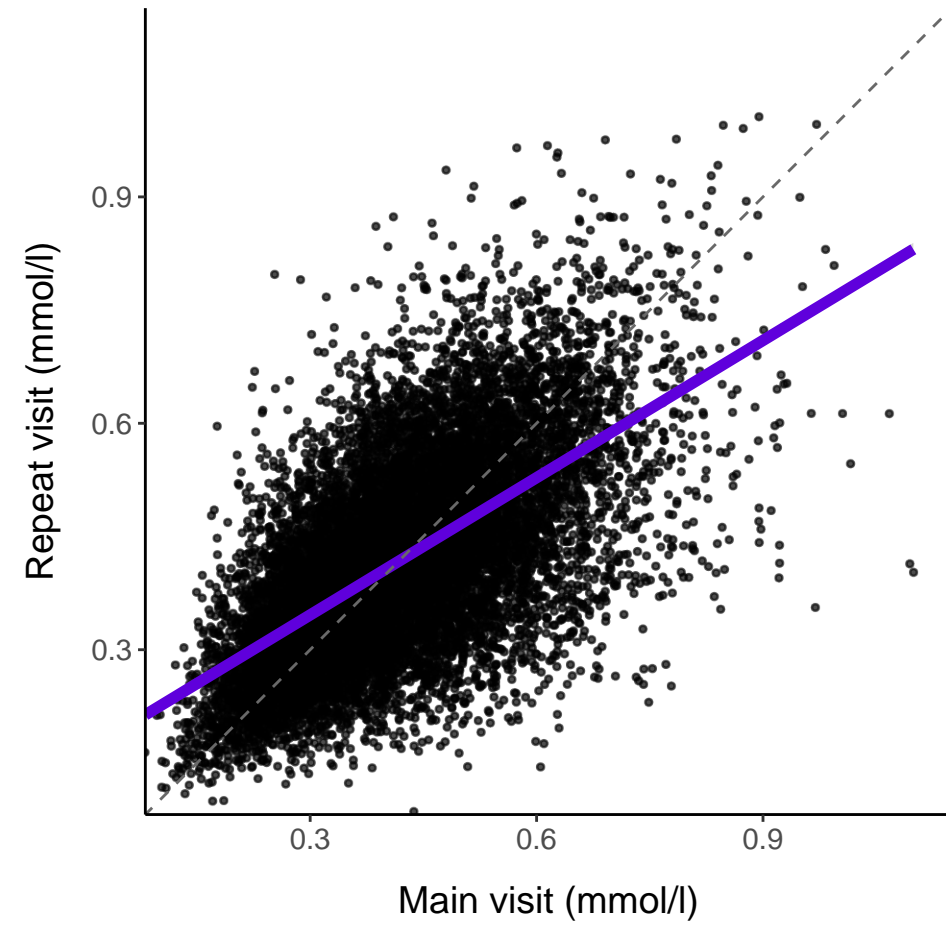
S_VLDL_P

R: 0.63
 $y = 0.00 + 0.61x$



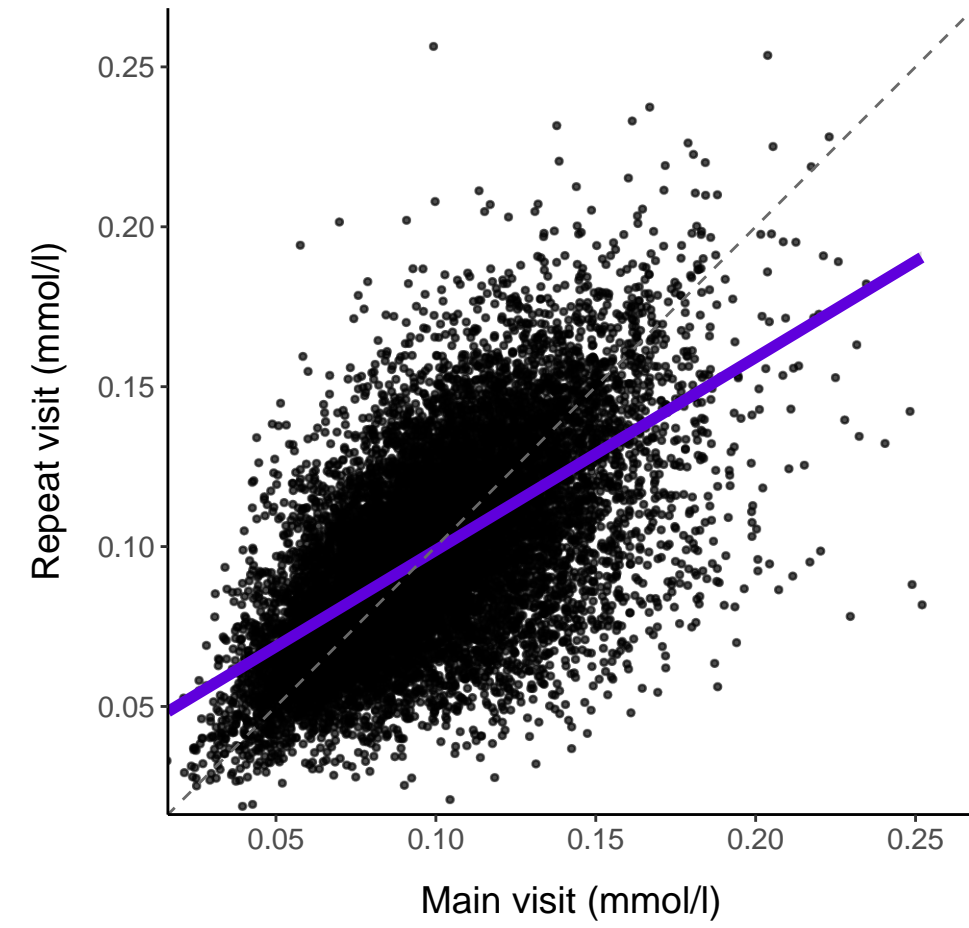
S_VLDL_L

R: 0.62
 $y = 0.16 + 0.61x$



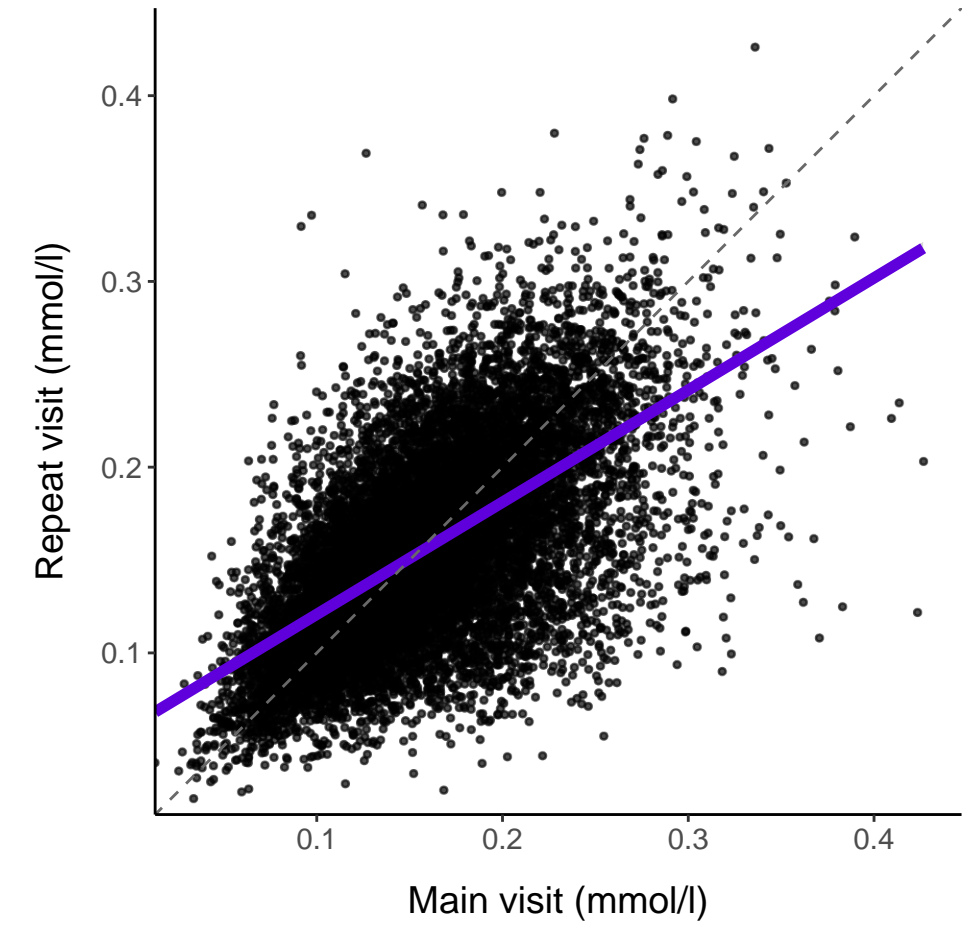
S_VLDL_PL

R: 0.61
 $y = 0.04 + 0.60x$



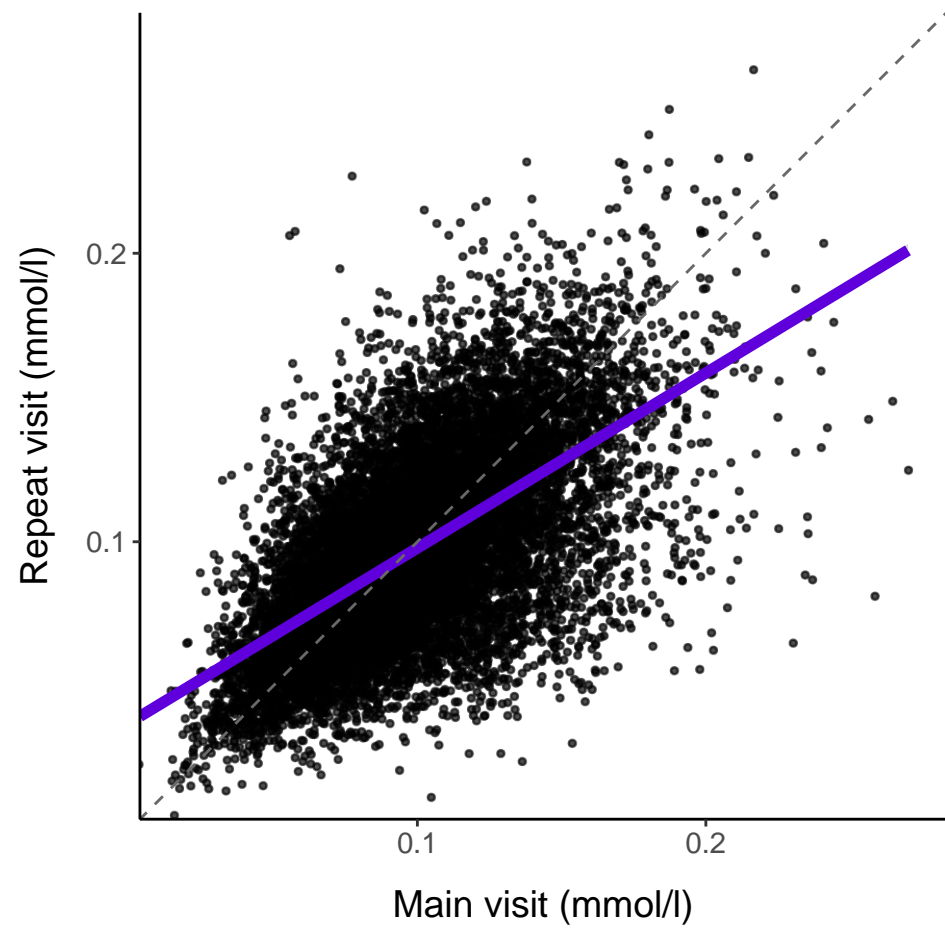
S_VLDL_C

R: 0.61
 $y = 0.06 + 0.60x$



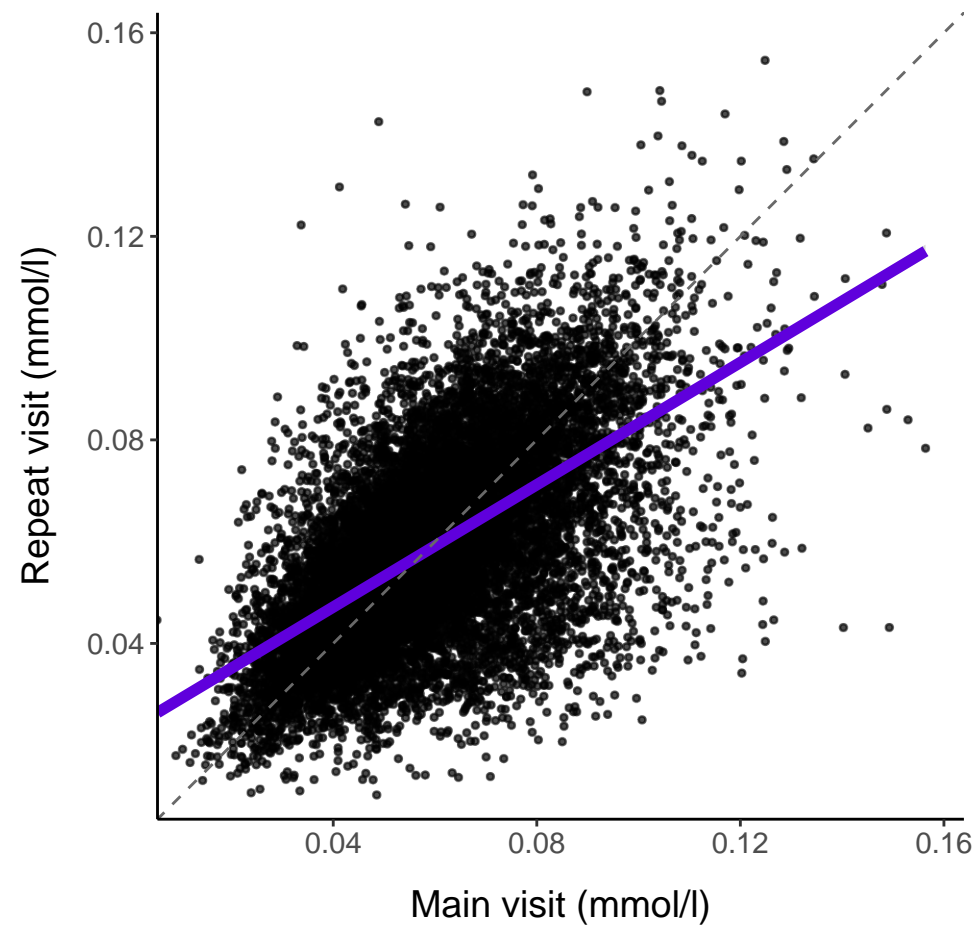
S_VLDL_CE

R: 0.62
 $y = 0.04 + 0.61x$



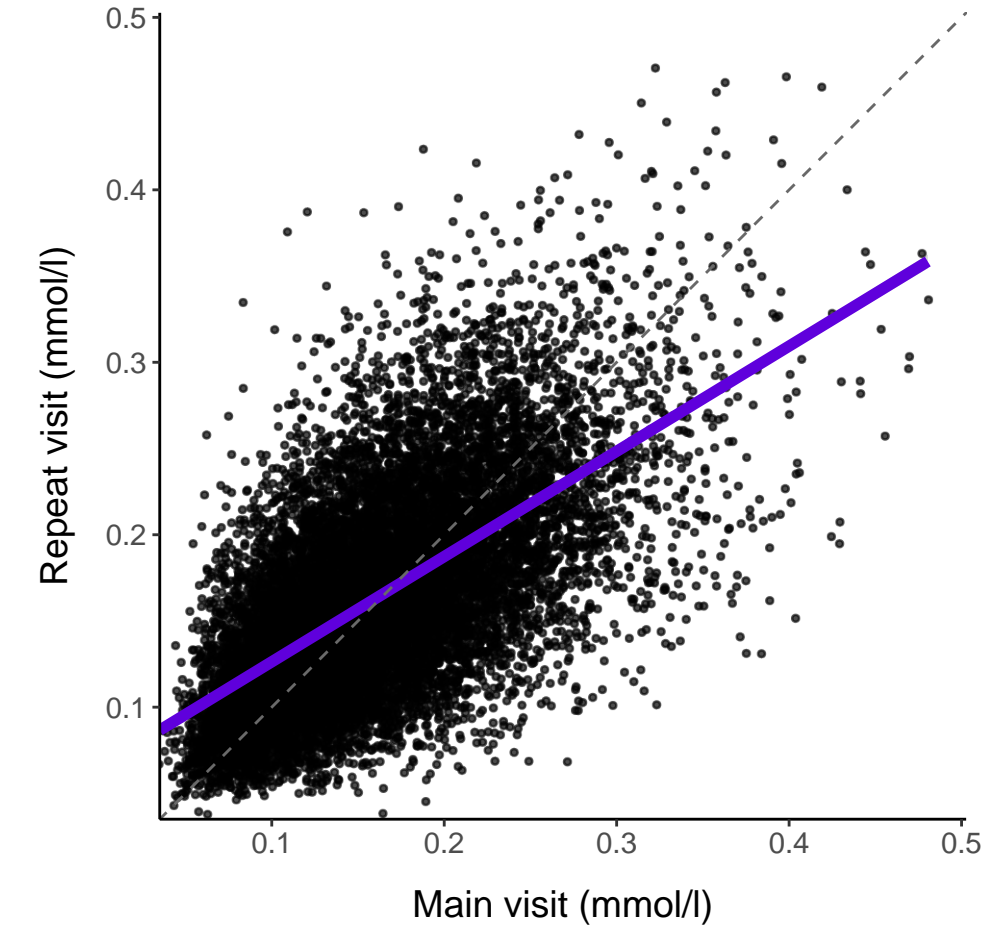
S_VLDL_FC

R: 0.6
 $y = 0.02 + 0.60x$



S_VLDL_TG

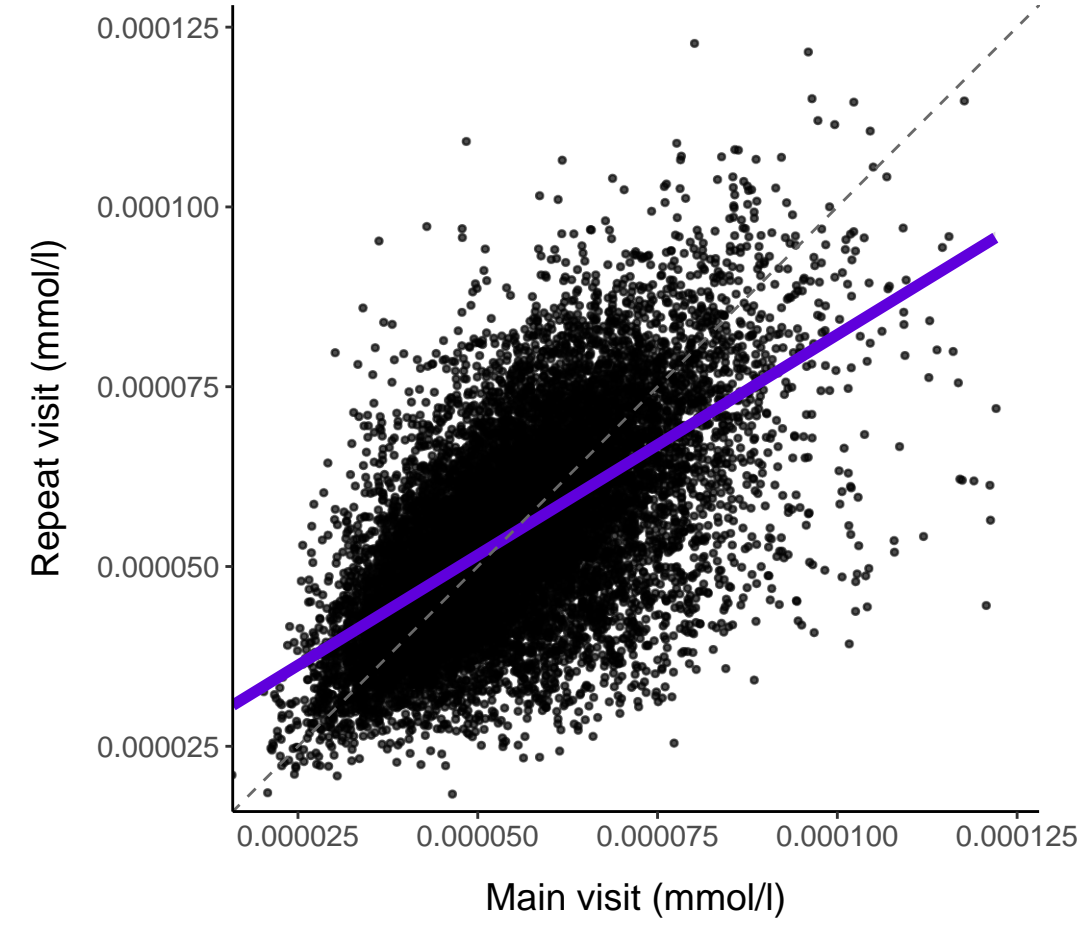
R: 0.63
 $y = 0.07 + 0.61x$



Very small VLDL (average diameter 31.3 nm)

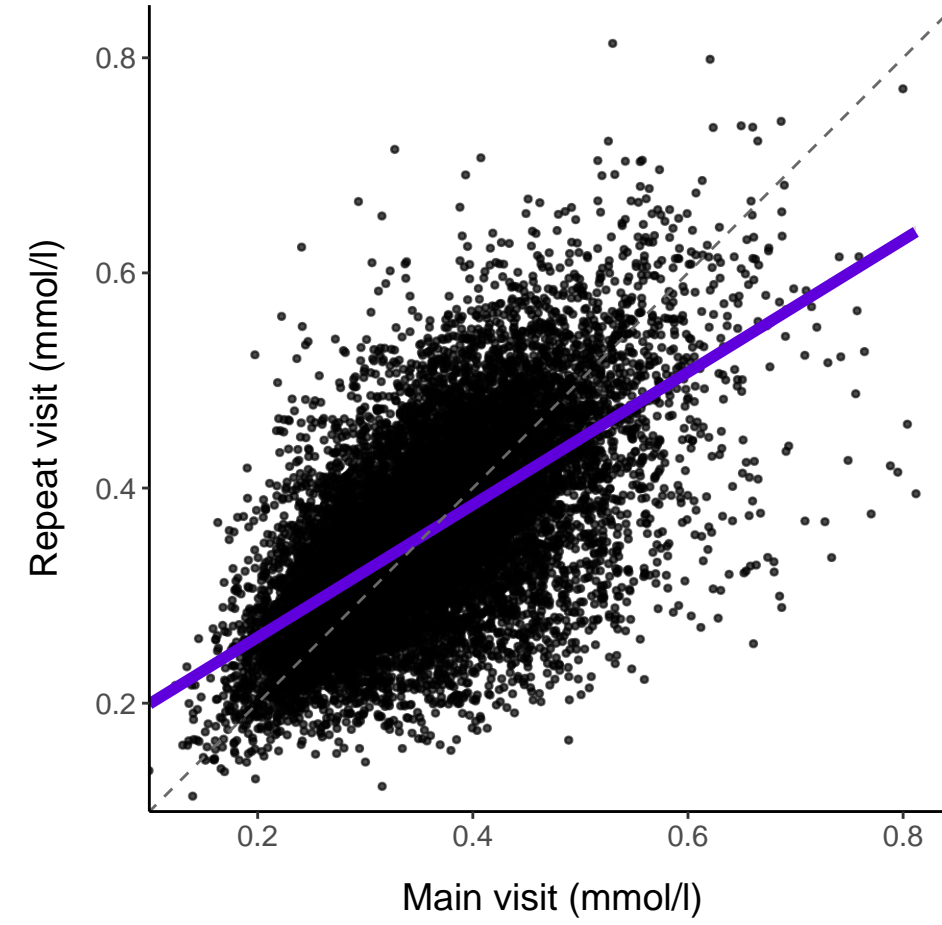
XS_VLDL_P

R: 0.62
 $y = 0.00 + 0.61x$



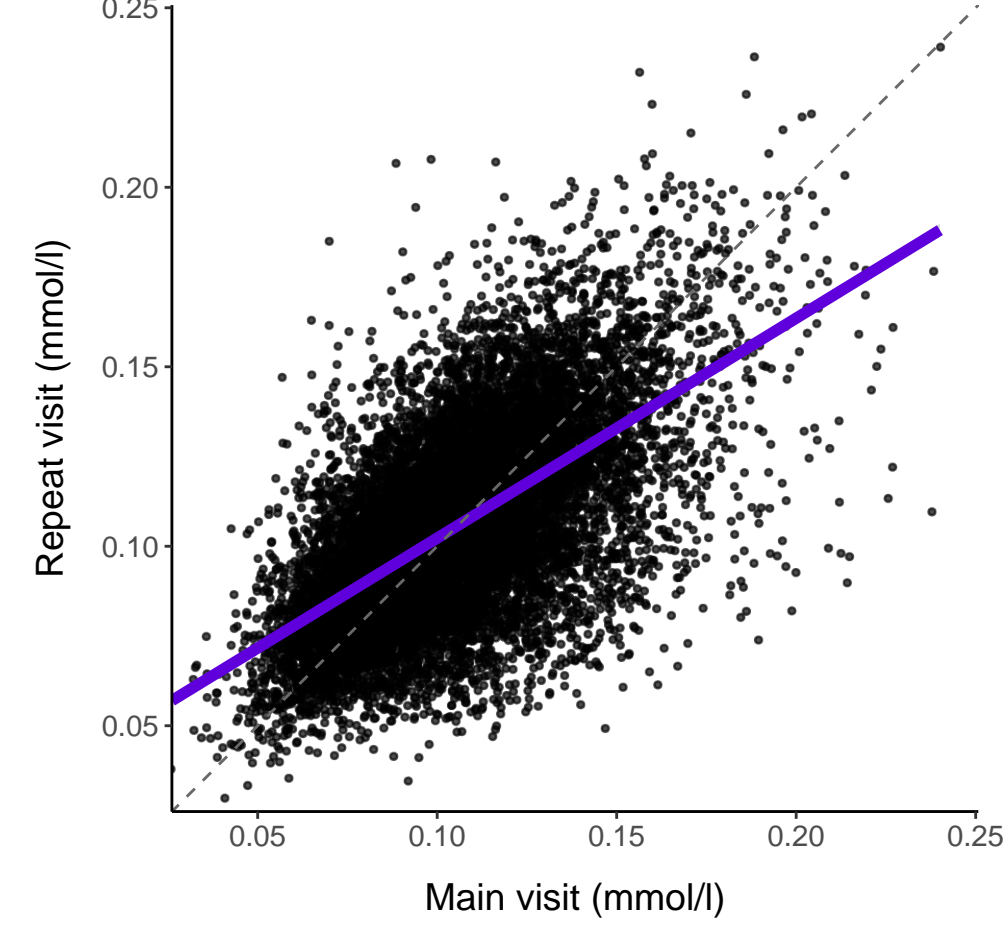
XS_VLDL_L

R: 0.62
 $y = 0.14 + 0.62x$



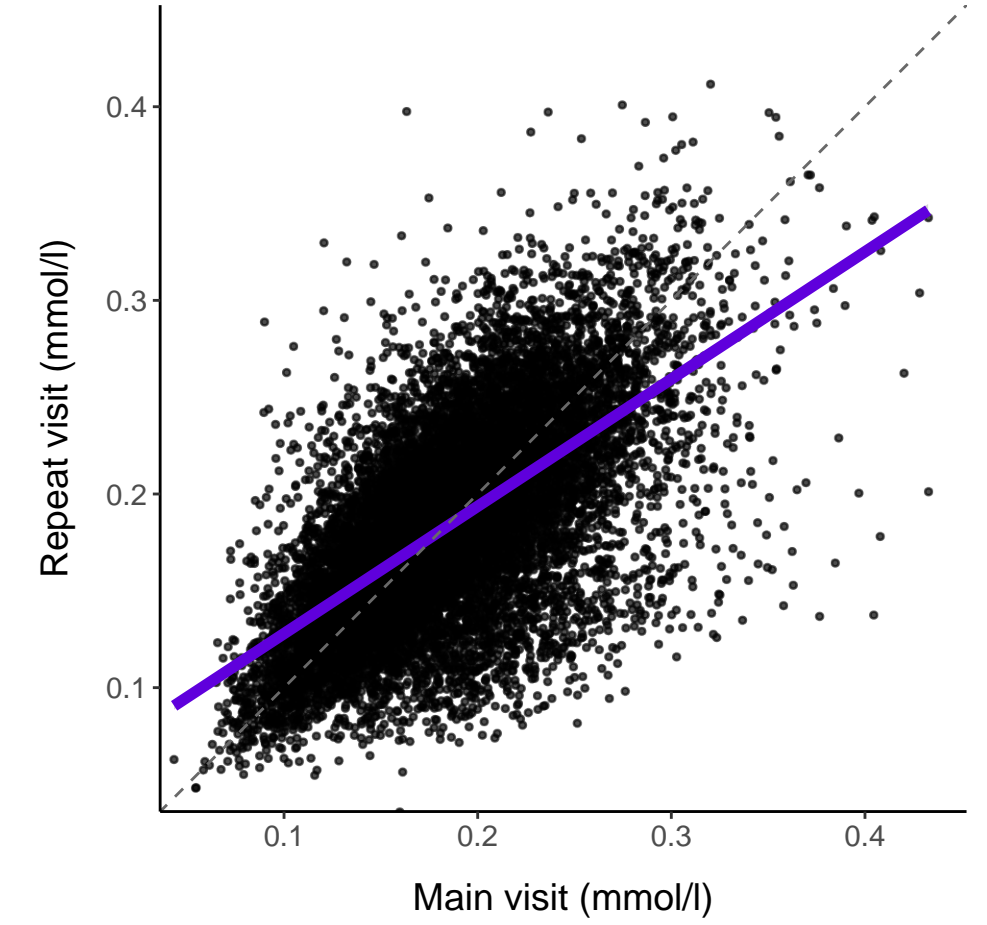
XS_VLDL_PL

R: 0.62
 $y = 0.04 + 0.61x$



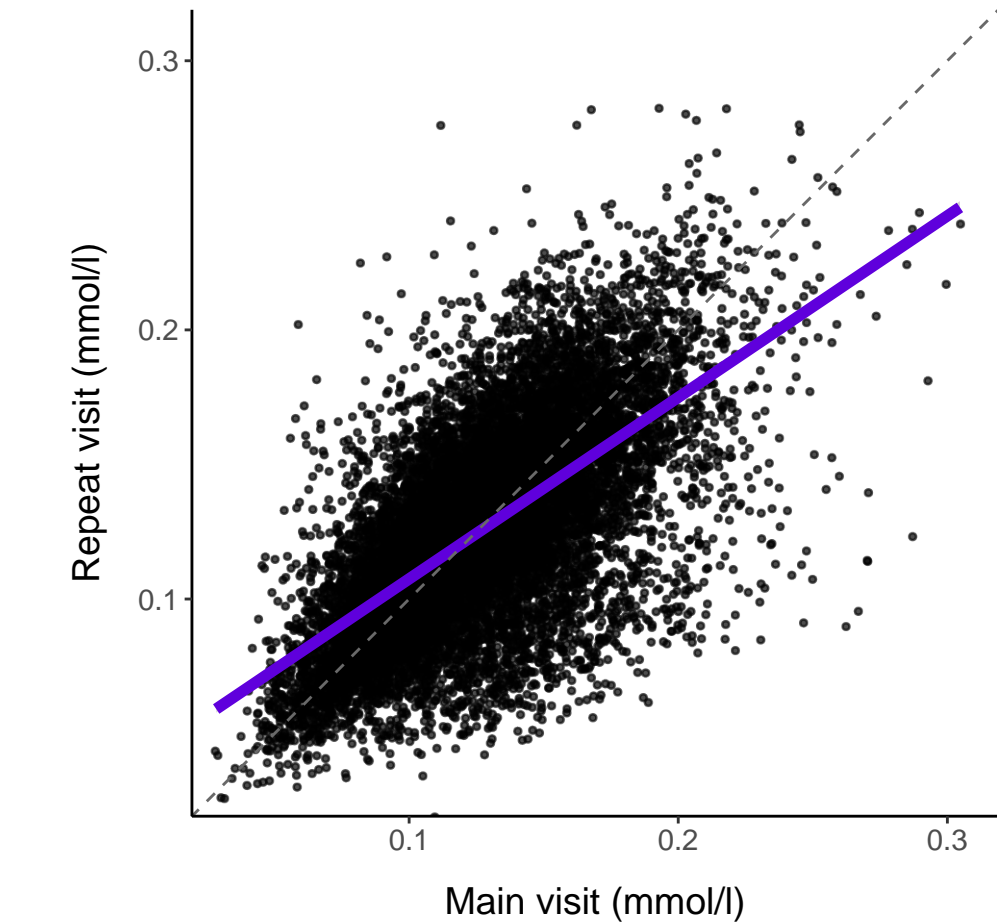
XS_VLDL_C

R: 0.64
 $y = 0.06 + 0.66x$



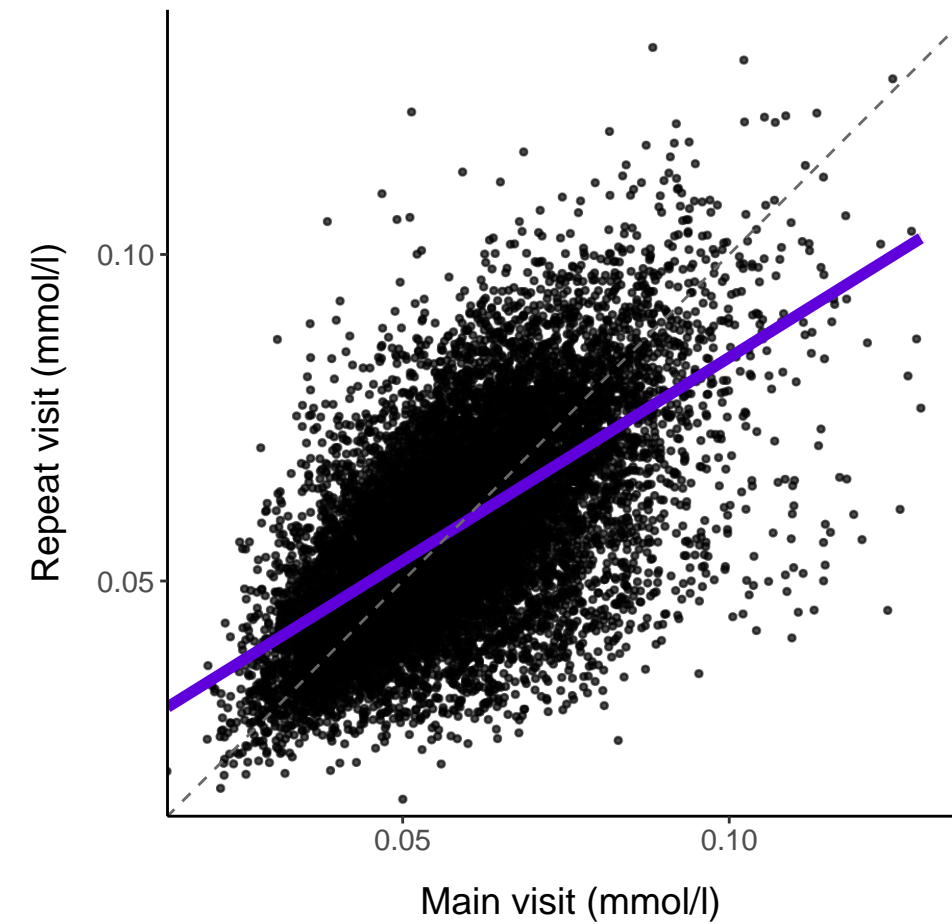
XS_VLDL_CE

R: 0.65
 $y = 0.04 + 0.67x$



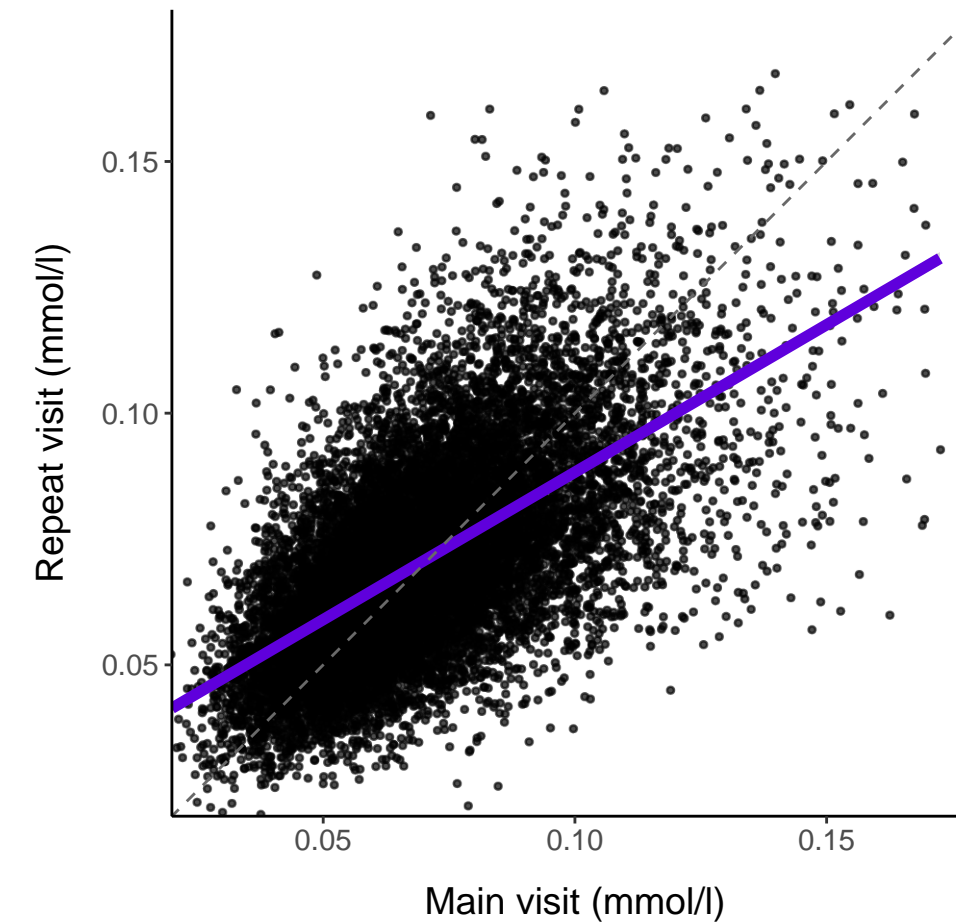
XS_VLDL_FC

R: 0.62
 $y = 0.02 + 0.62x$



XS_VLDL_TG

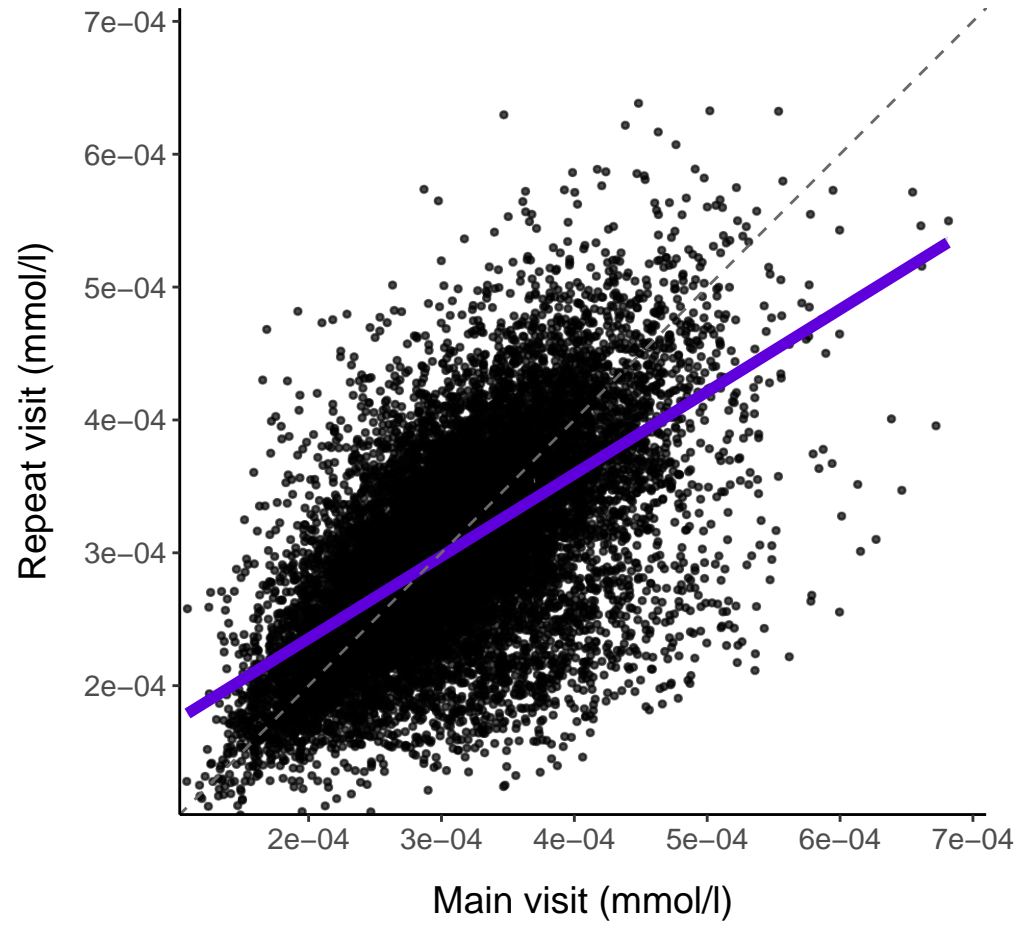
R: 0.62
 $y = 0.03 + 0.59x$



IDL (average diameter 28.6 nm)

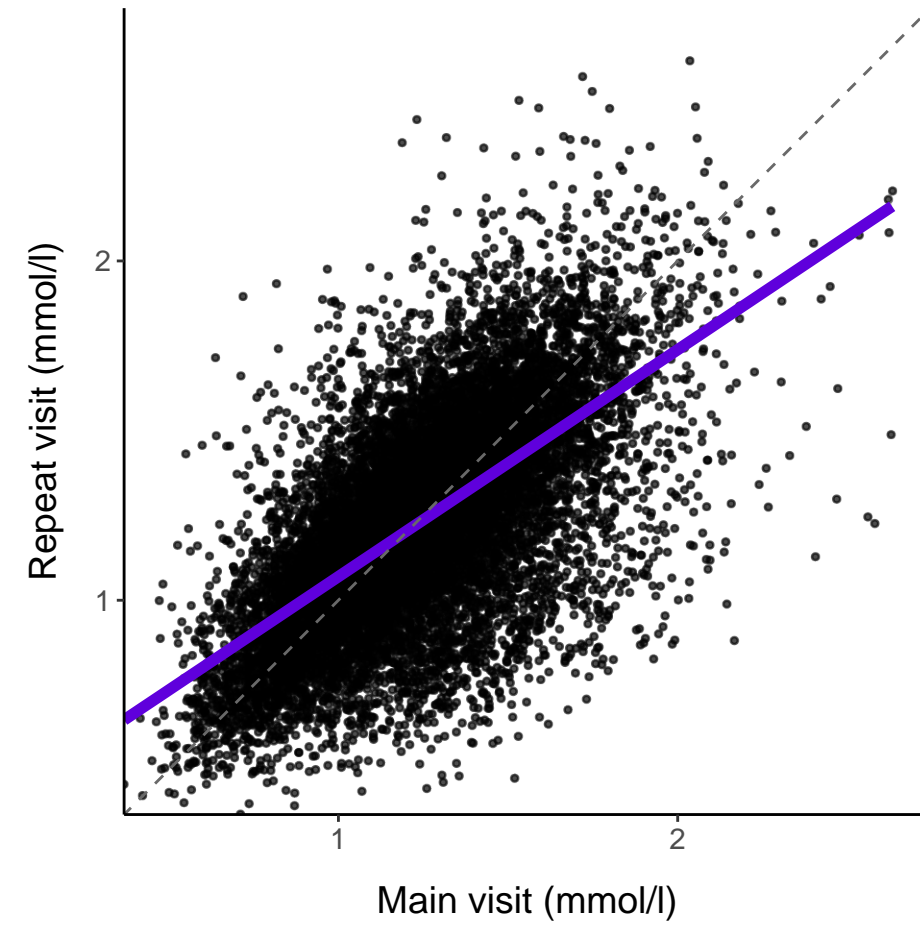
IDL_P

R: 0.61
 $y = 0.00 + 0.62x$



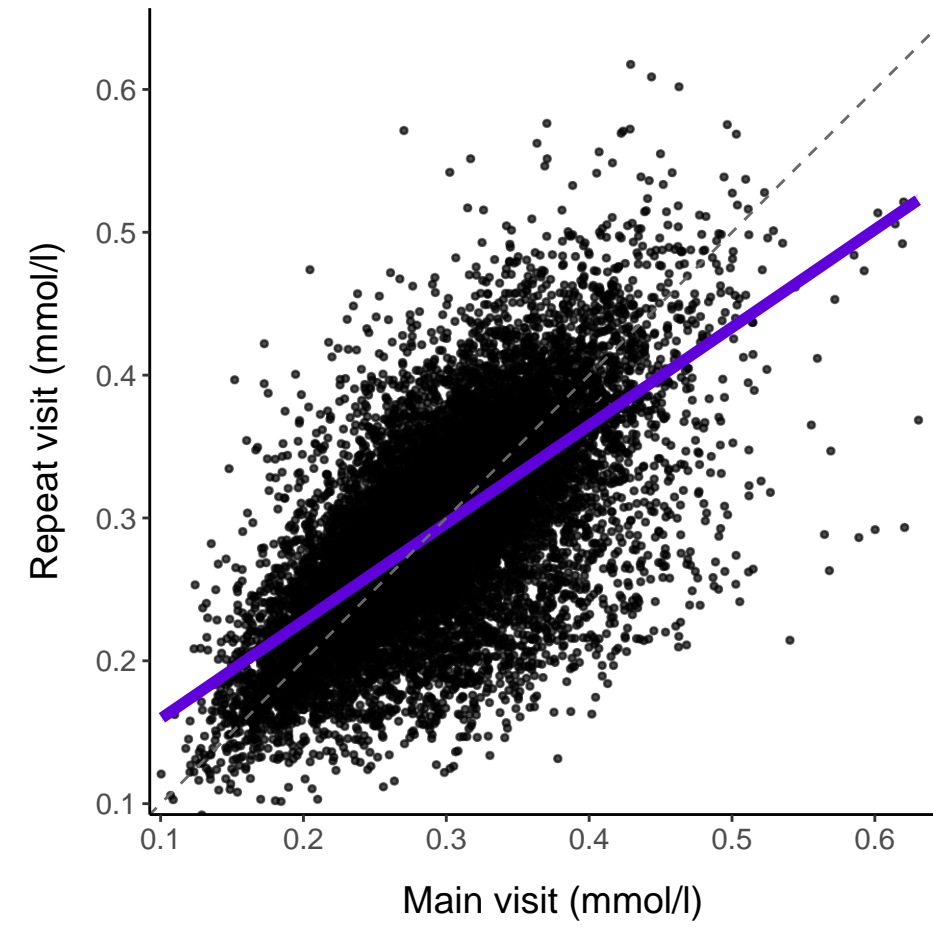
IDL_L

R: 0.64
 $y = 0.40 + 0.67x$



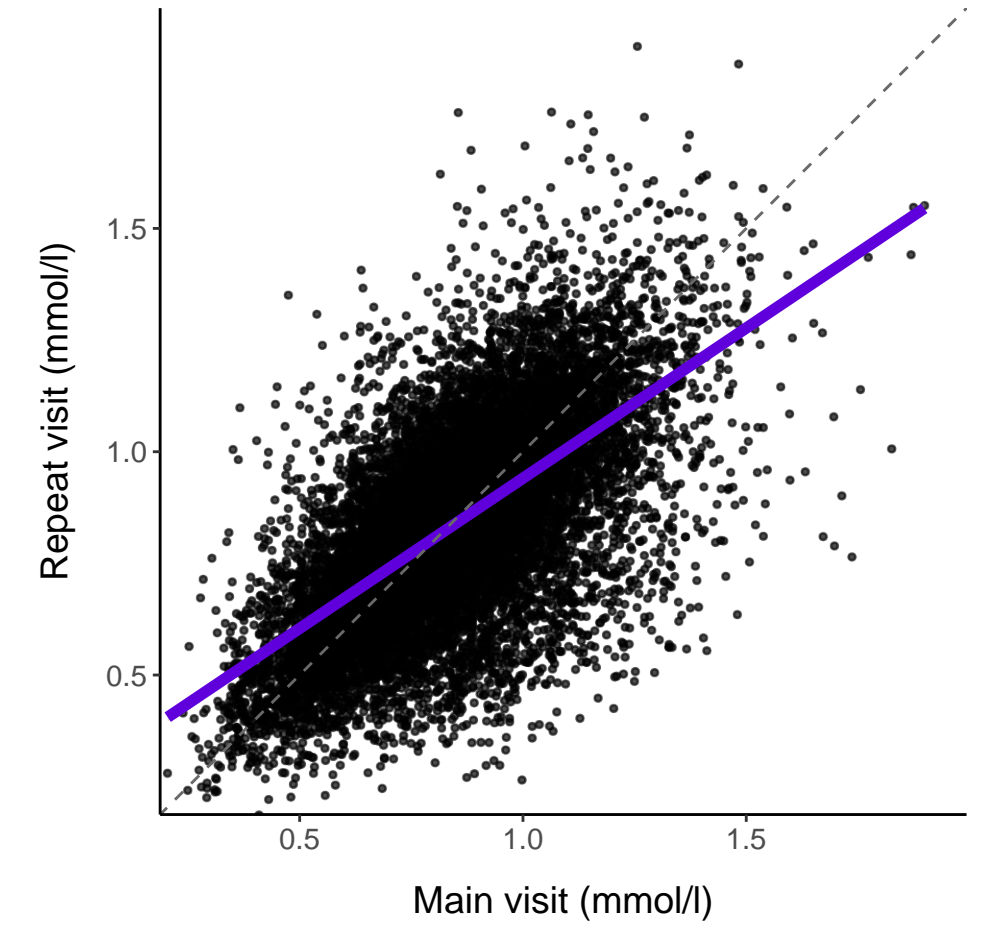
IDL_PL

R: 0.65
 $y = 0.09 + 0.68x$



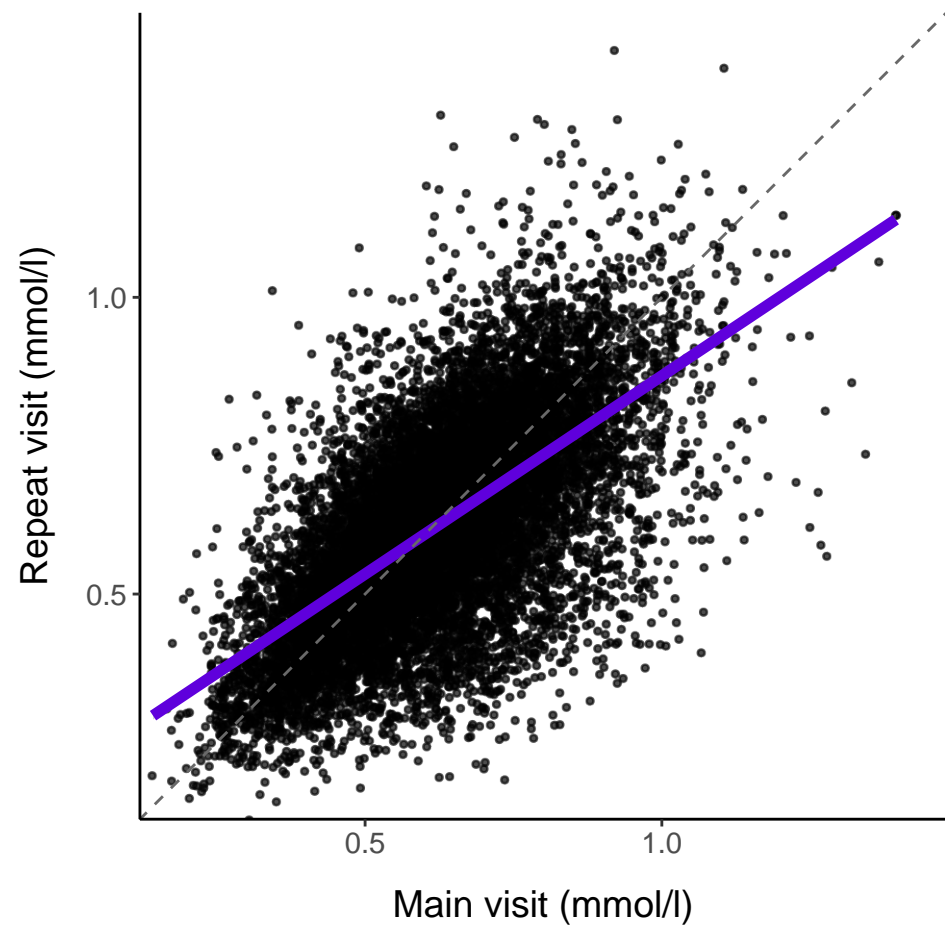
IDL_C

R: 0.64
 $y = 0.27 + 0.67x$



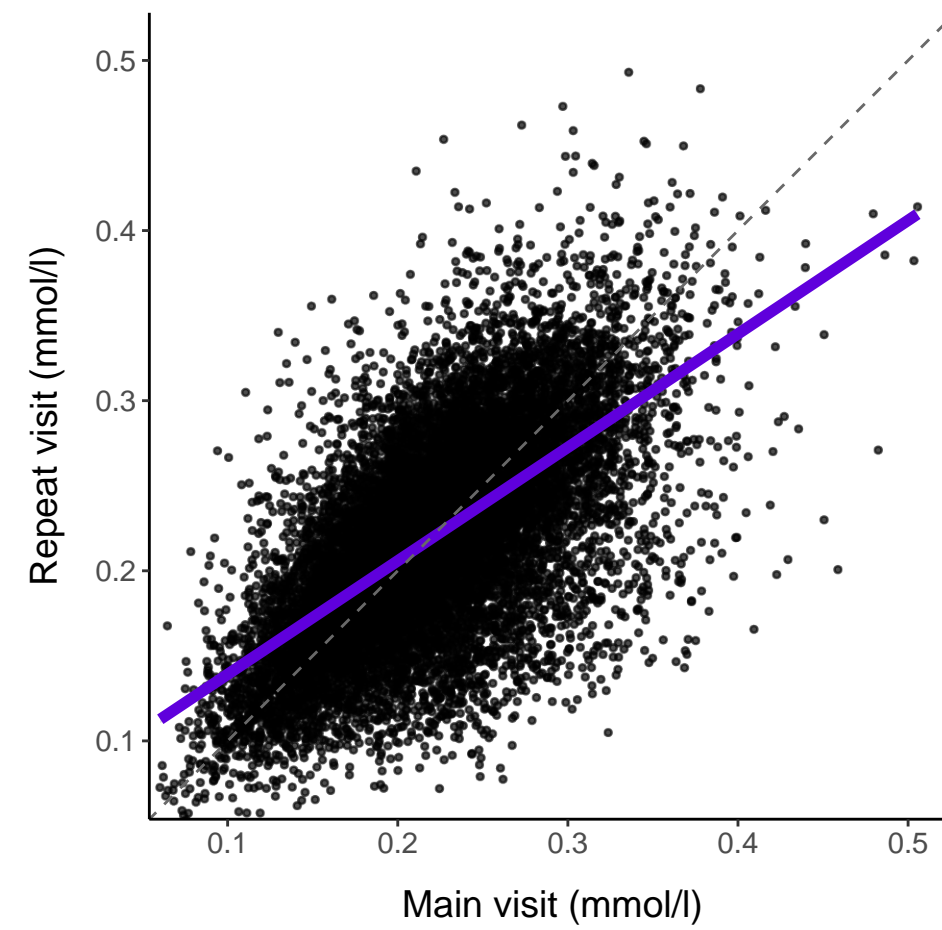
IDL_CE

R: 0.64
 $y = 0.20 + 0.67x$



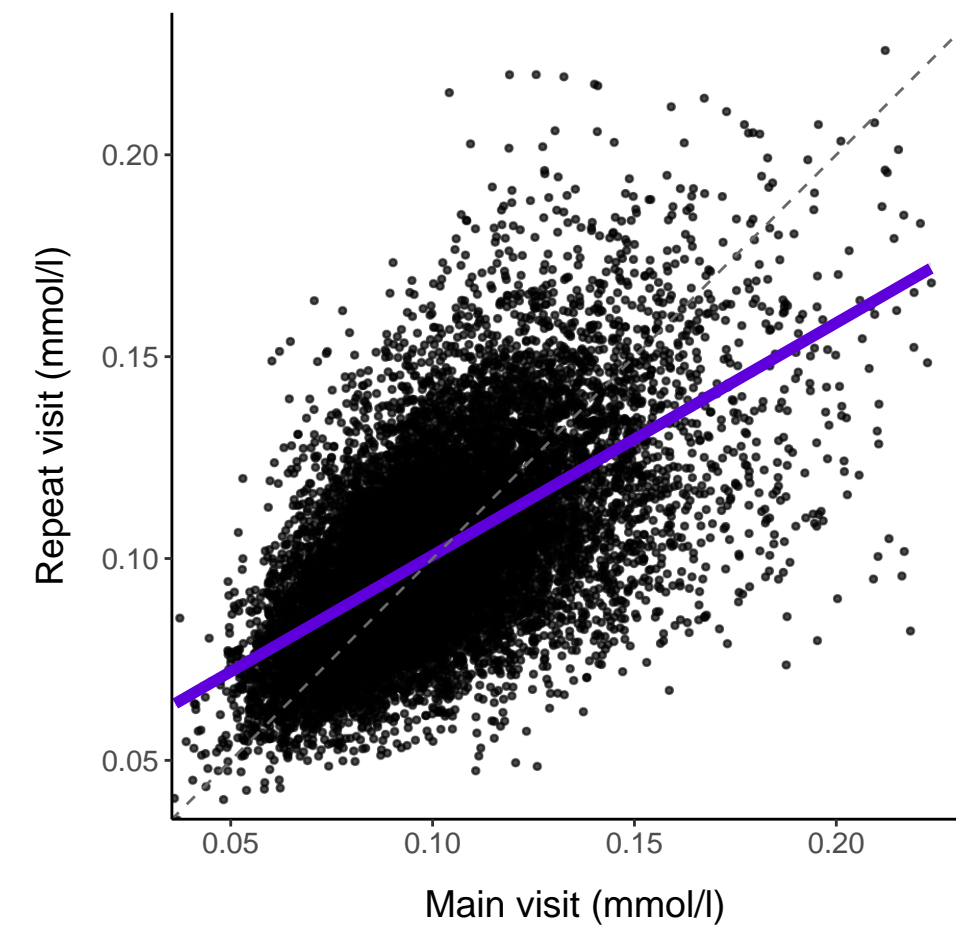
IDL_FC

R: 0.63
 $y = 0.07 + 0.67x$



IDL_TG

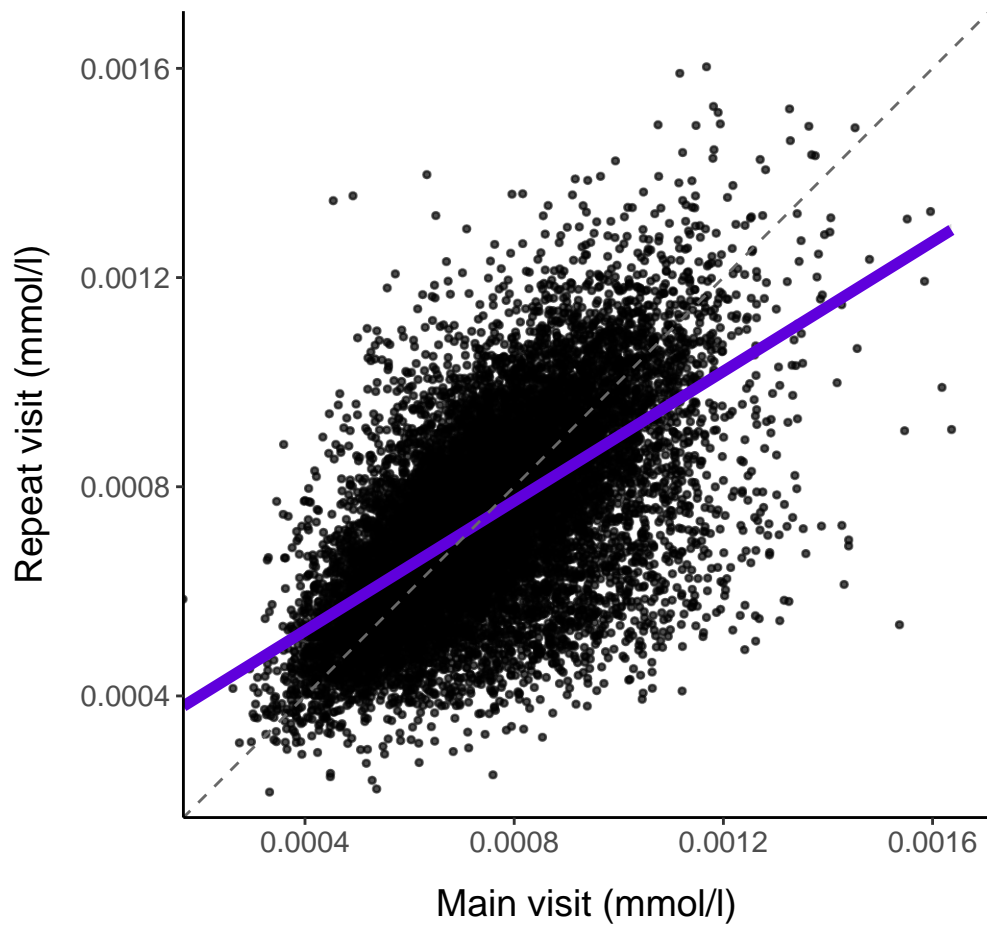
R: 0.61
 $y = 0.04 + 0.58x$



Large LDL (average diameter 25.5 nm)

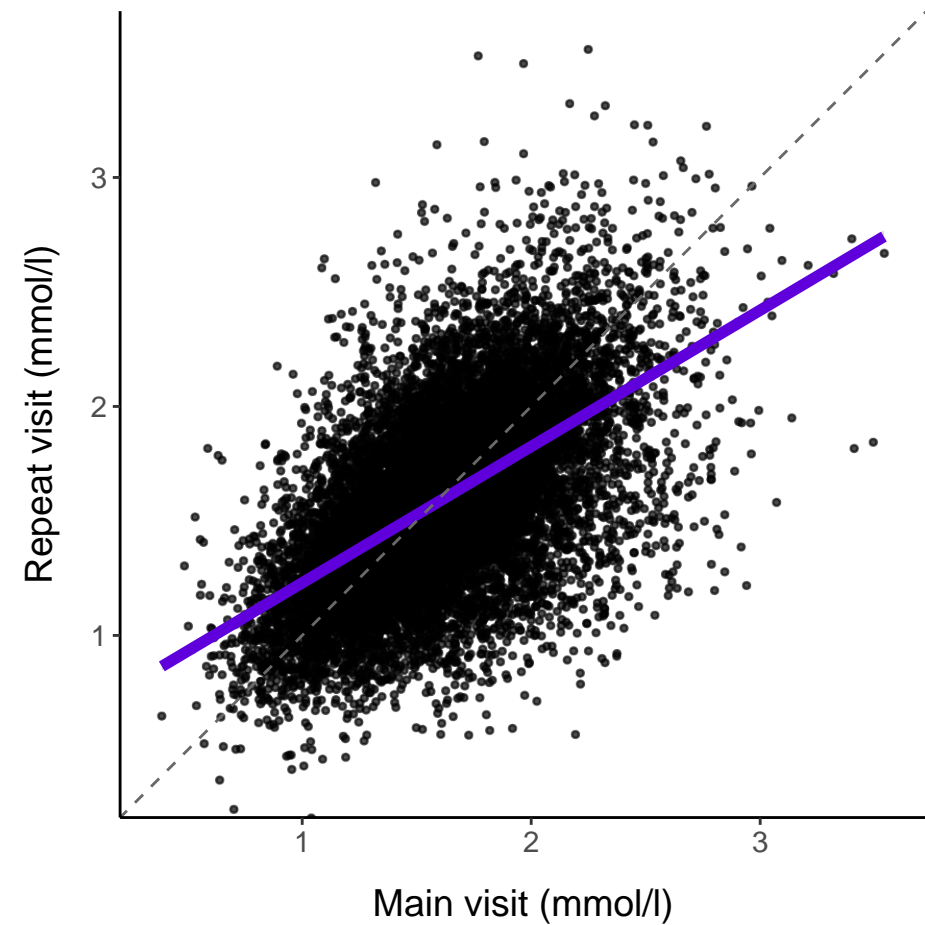
L_LDL_P

R: 0.61
 $y = 0.00 + 0.62x$



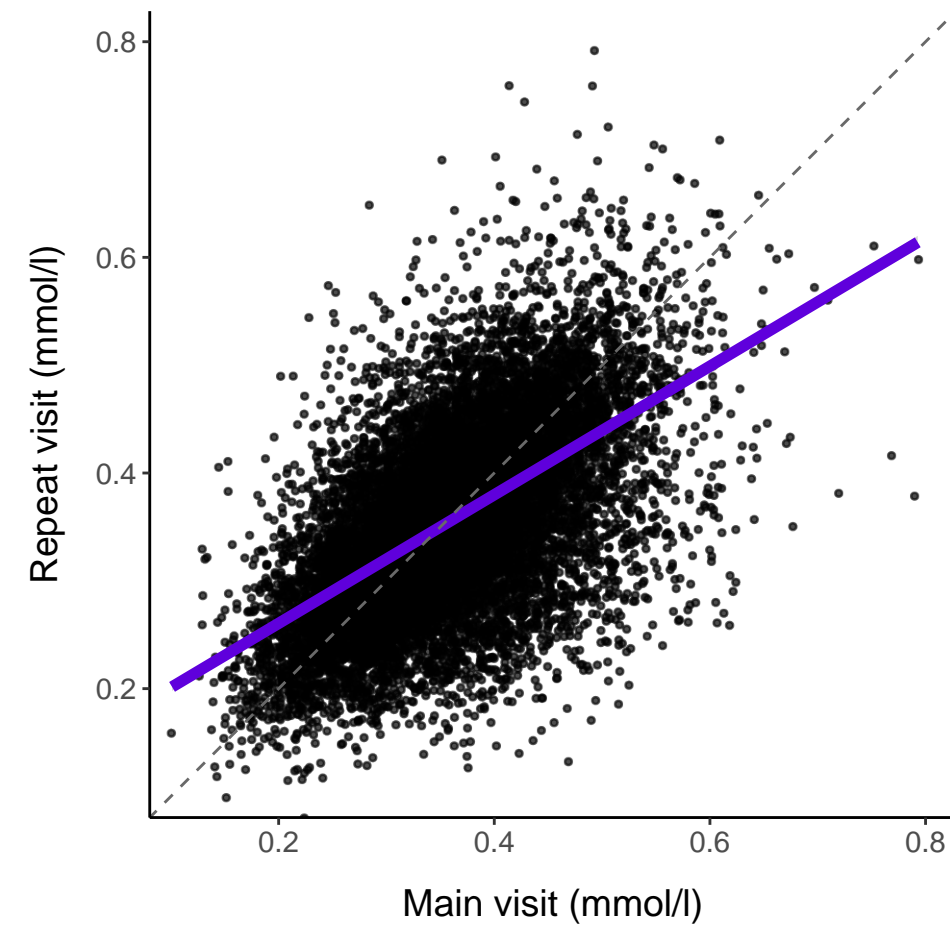
L_LDL_L

R: 0.58
 $y = 0.63 + 0.60x$



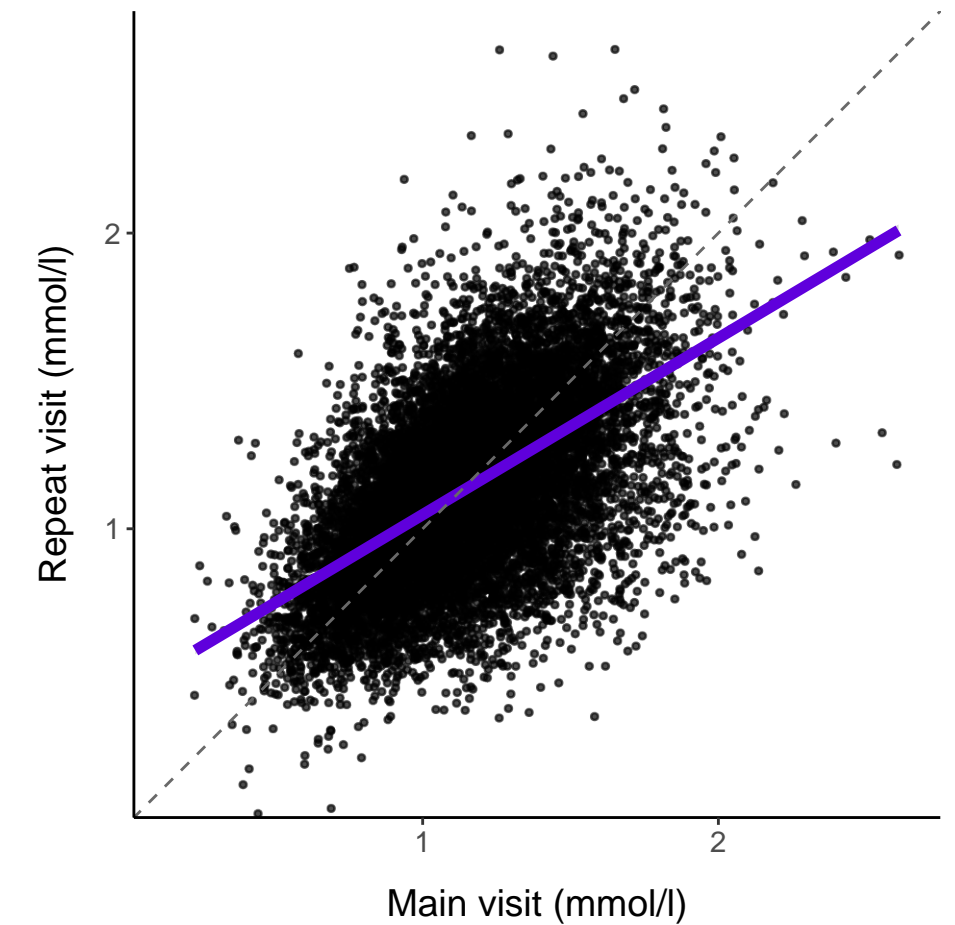
L_LDL_PL

R: 0.58
 $y = 0.14 + 0.60x$



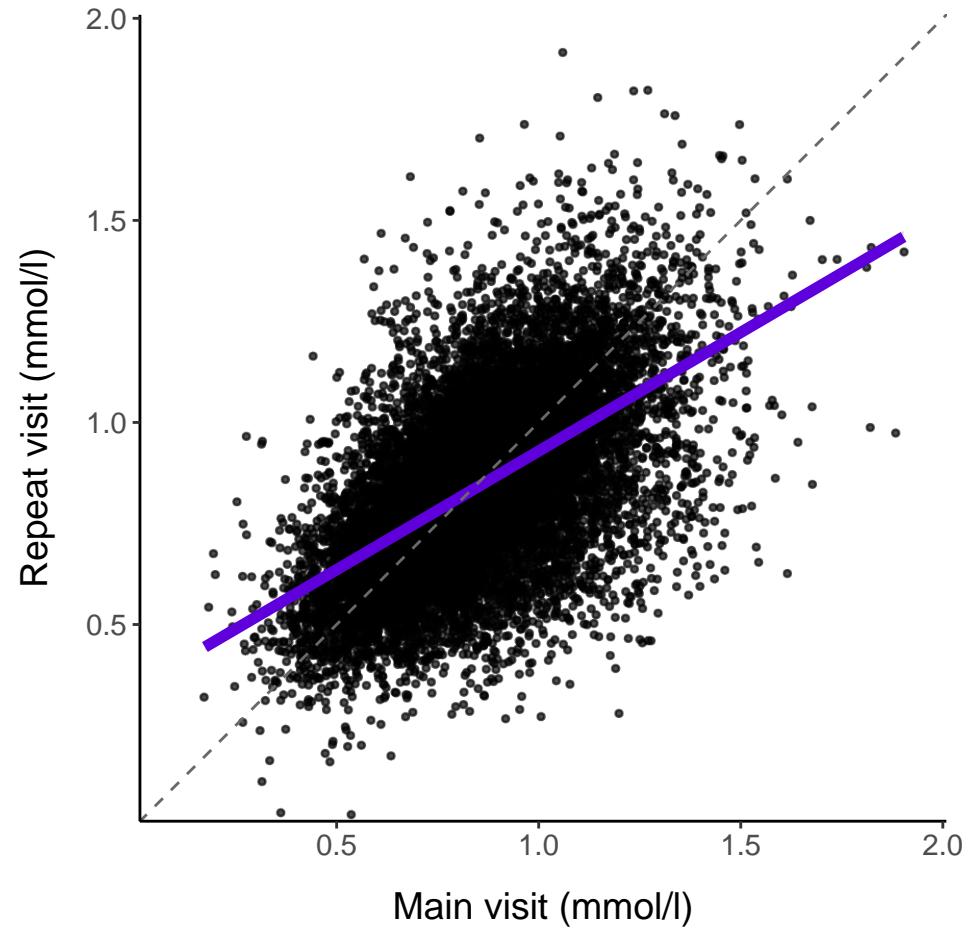
L_LDL_C

R: 0.58
 $y = 0.45 + 0.60x$



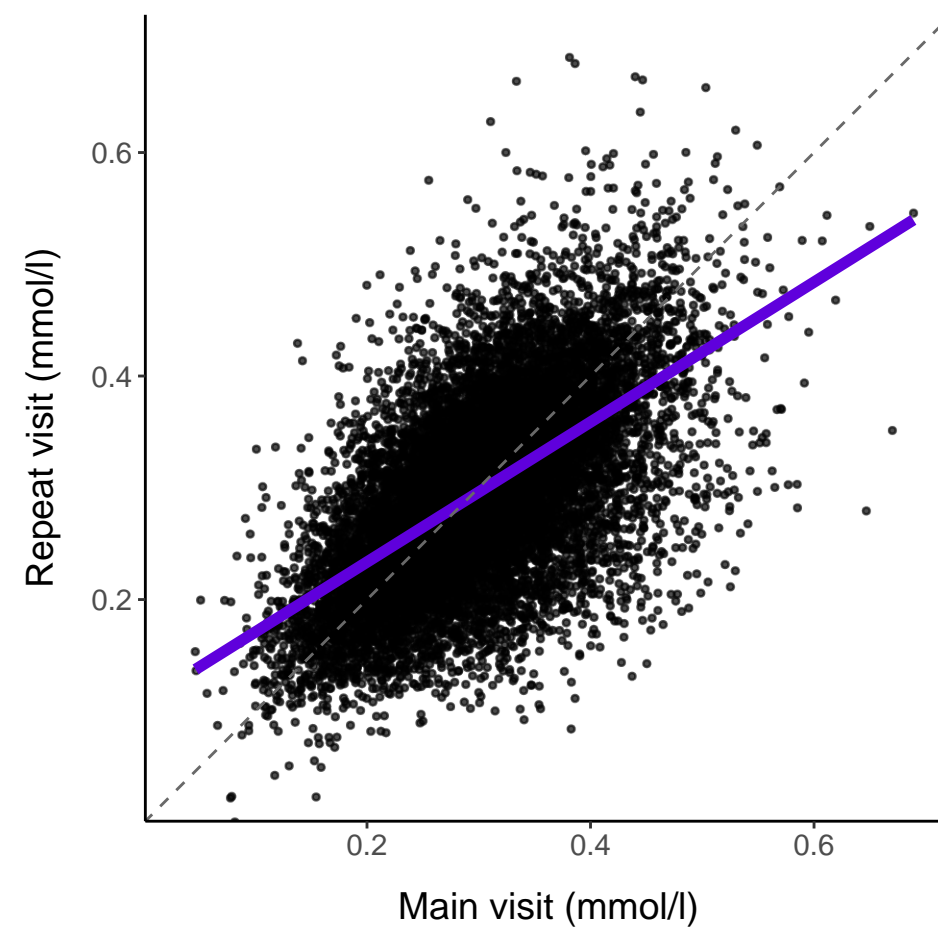
L_LDL_CE

R: 0.57
 $y = 0.34 + 0.59x$



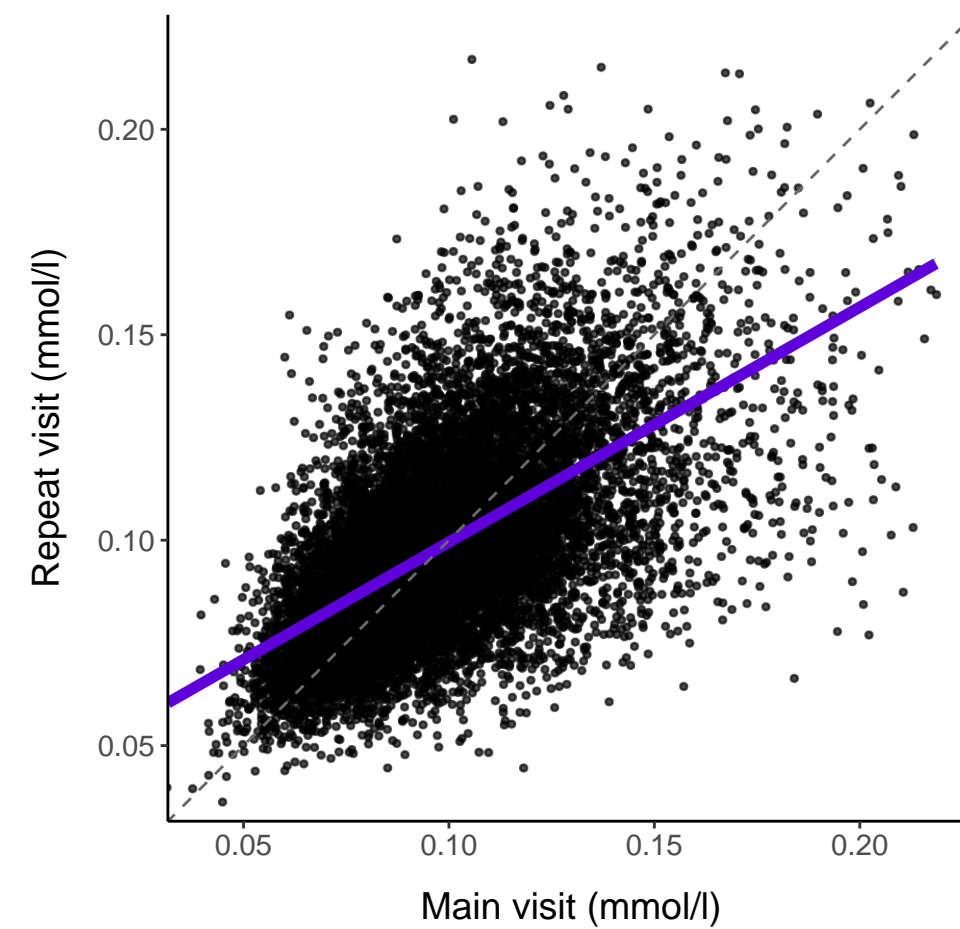
L_LDL_FC

R: 0.6
 $y = 0.11 + 0.63x$



L_LDL_TG

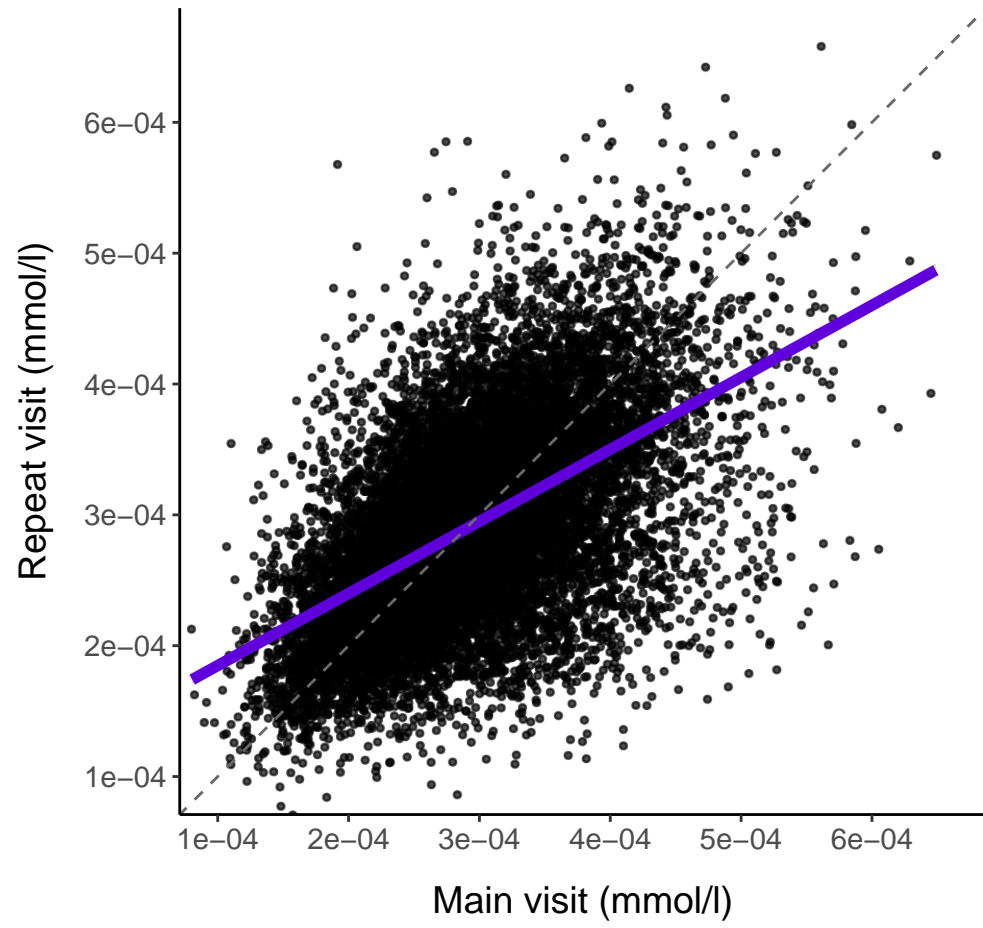
R: 0.6
 $y = 0.04 + 0.57x$



Medium LDL (average diameter 23 nm)

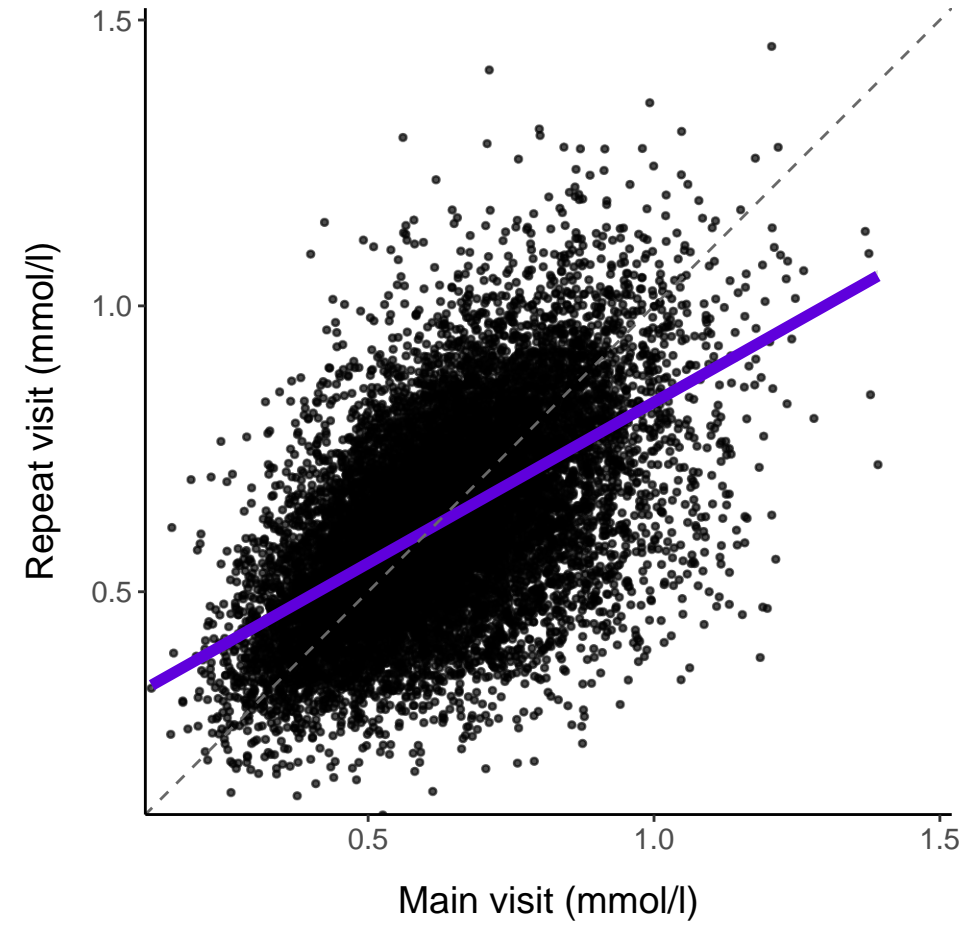
M_LDL_P

R: 0.55
 $y = 0.00 + 0.55x$



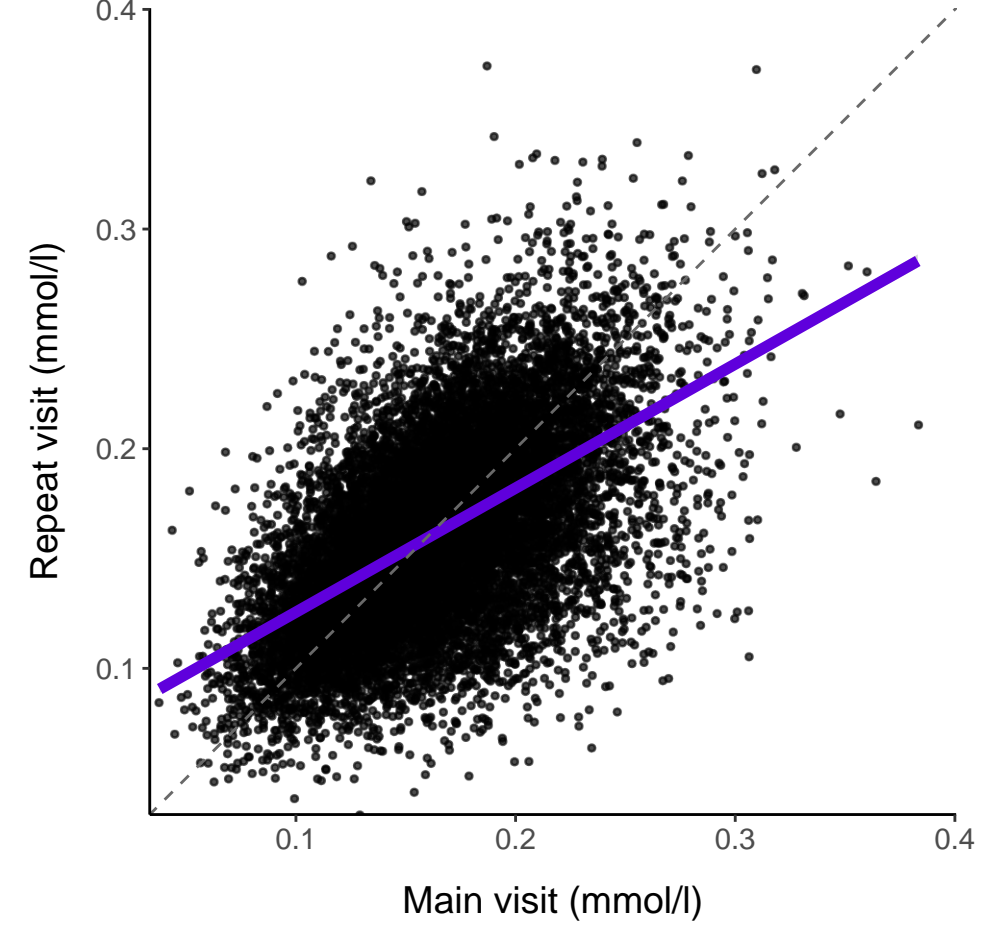
M_LDL_L

R: 0.56
 $y = 0.27 + 0.56x$



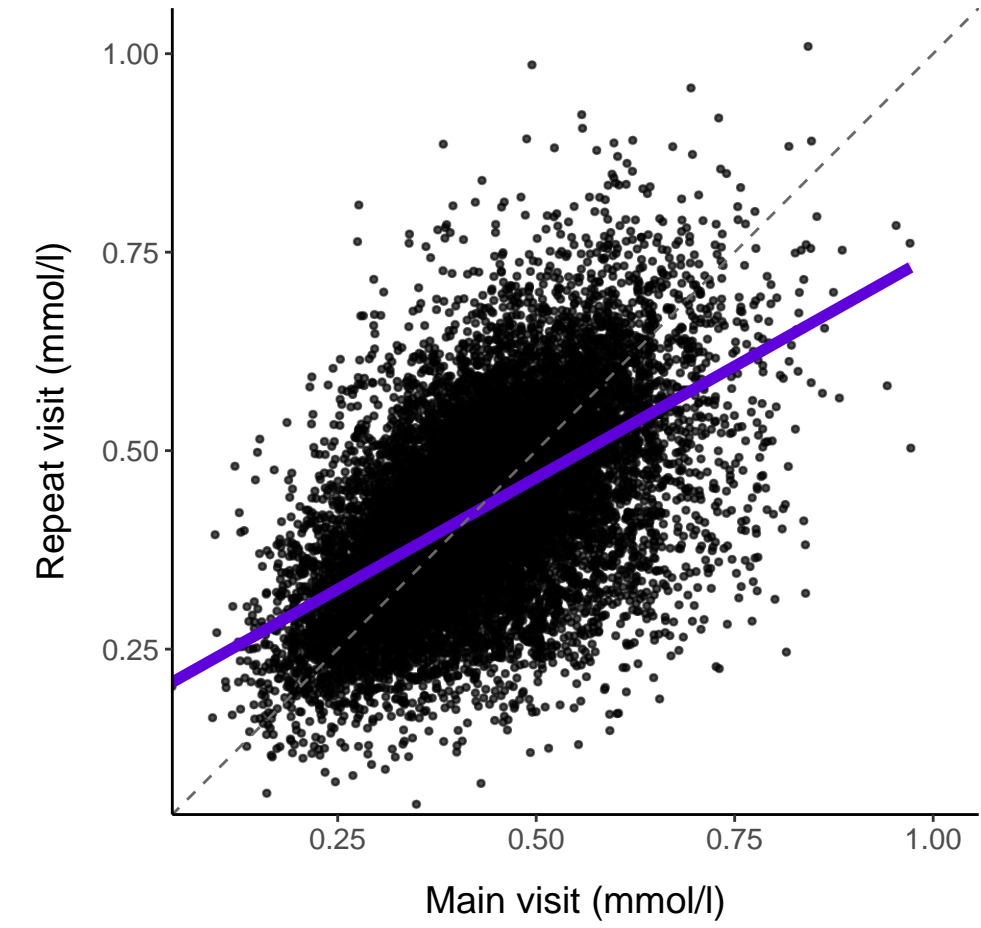
M_LDL_PL

R: 0.56
 $y = 0.07 + 0.56x$



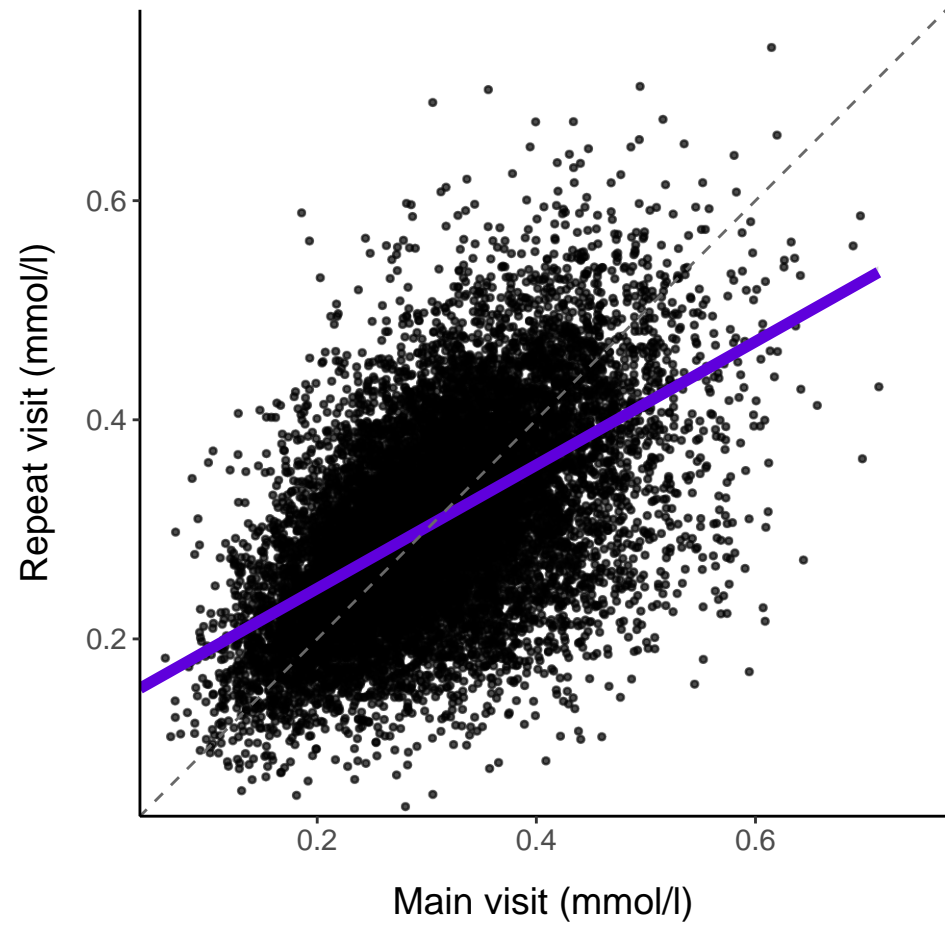
M_LDL_C

R: 0.55
 $y = 0.18 + 0.56x$



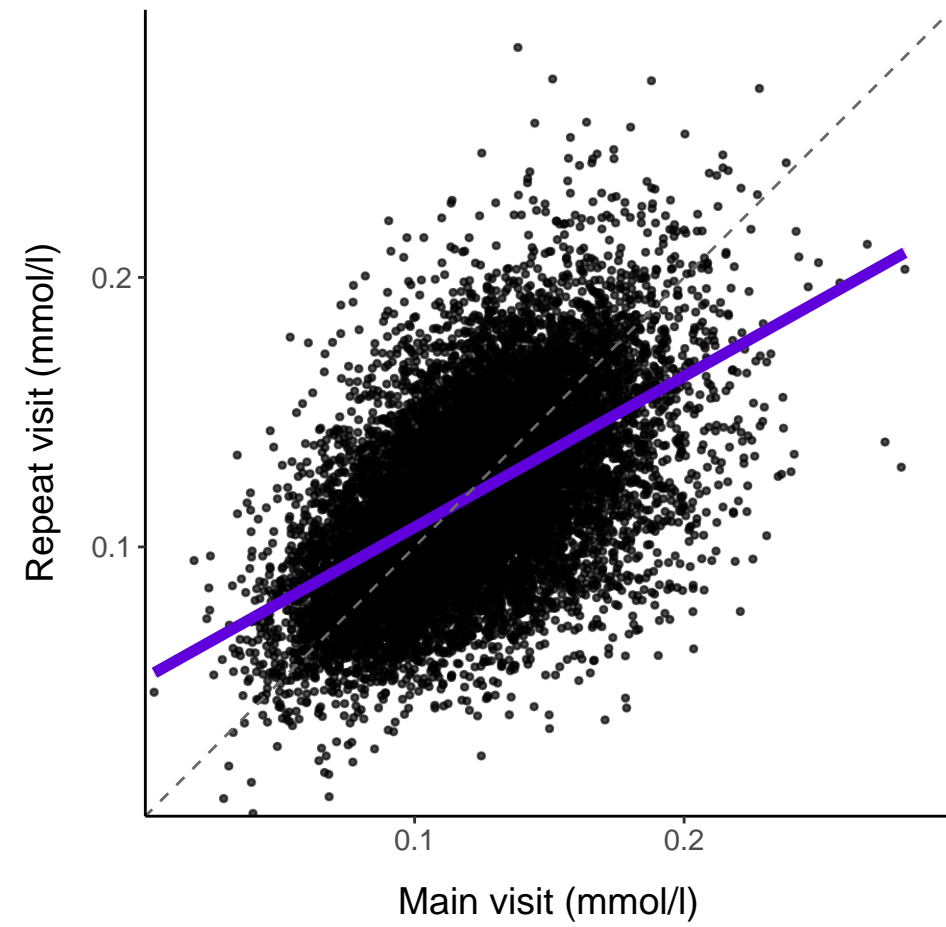
M_LDL_CE

R: 0.56
 $y = 0.13 + 0.56x$



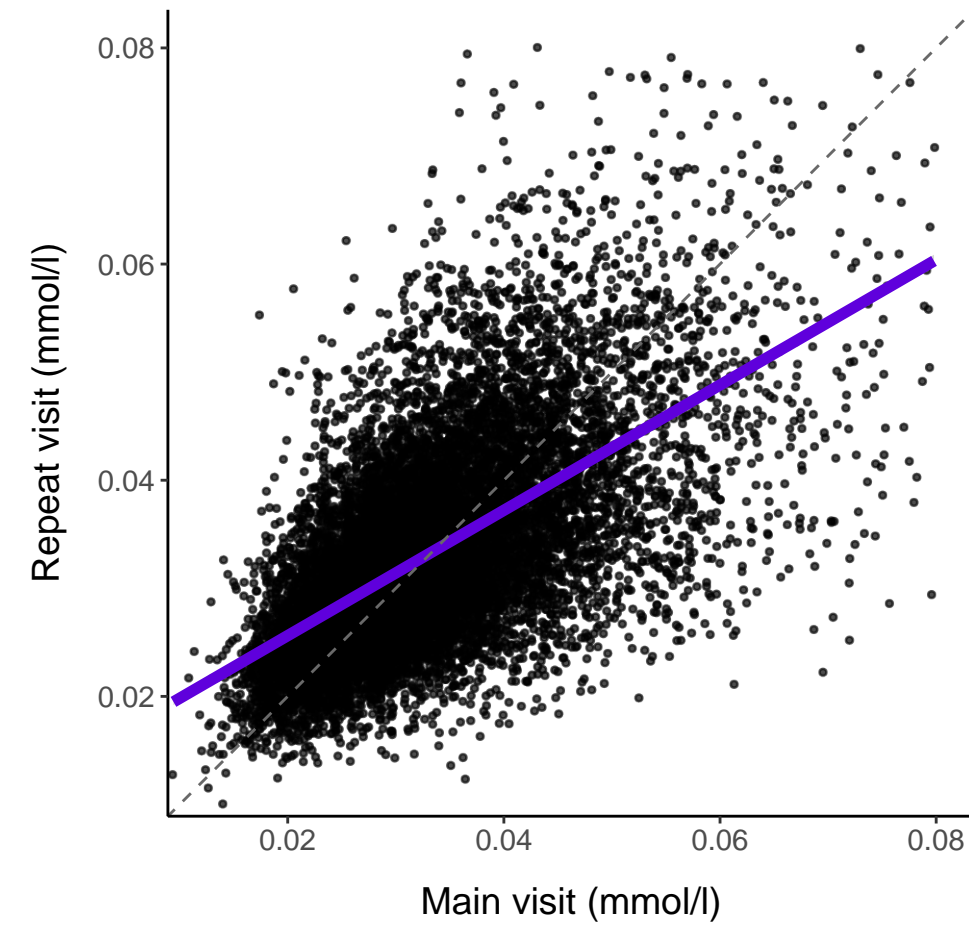
M_LDL_FC

R: 0.55
 $y = 0.05 + 0.56x$



M_LDL_TG

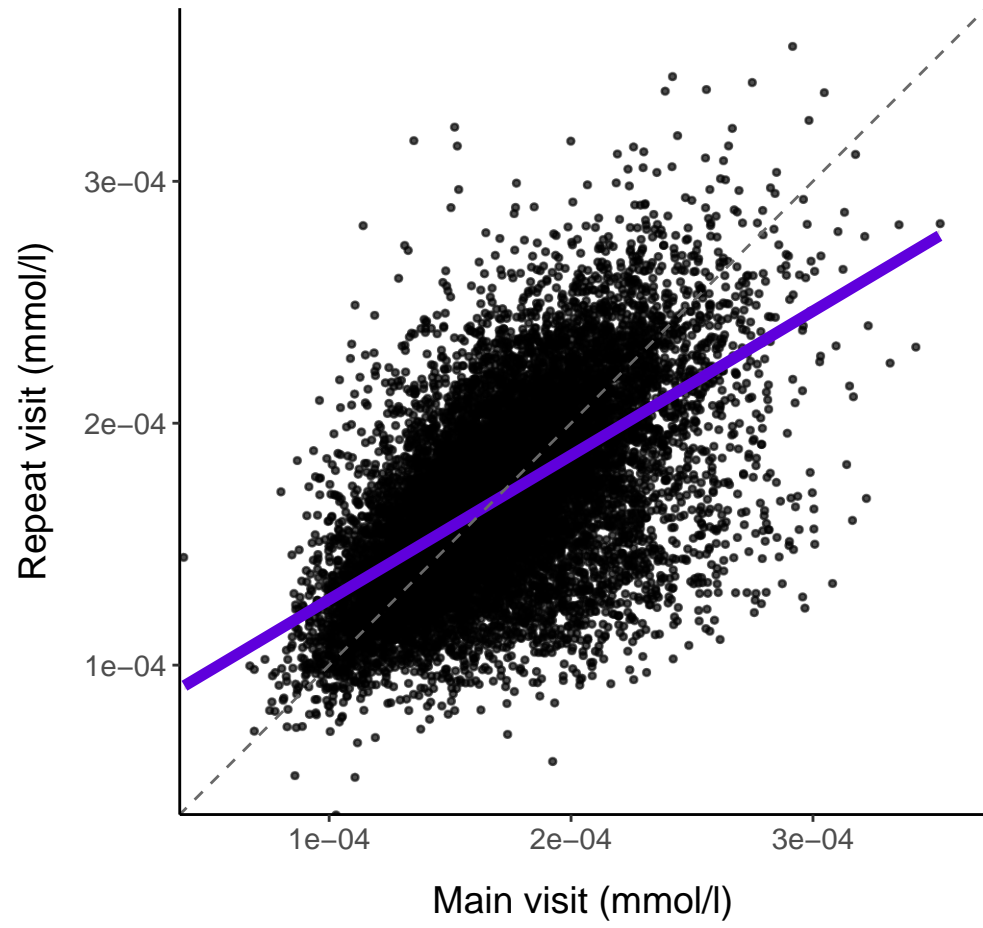
R: 0.62
 $y = 0.01 + 0.58x$



Small LDL (average diameter 18.7 nm)

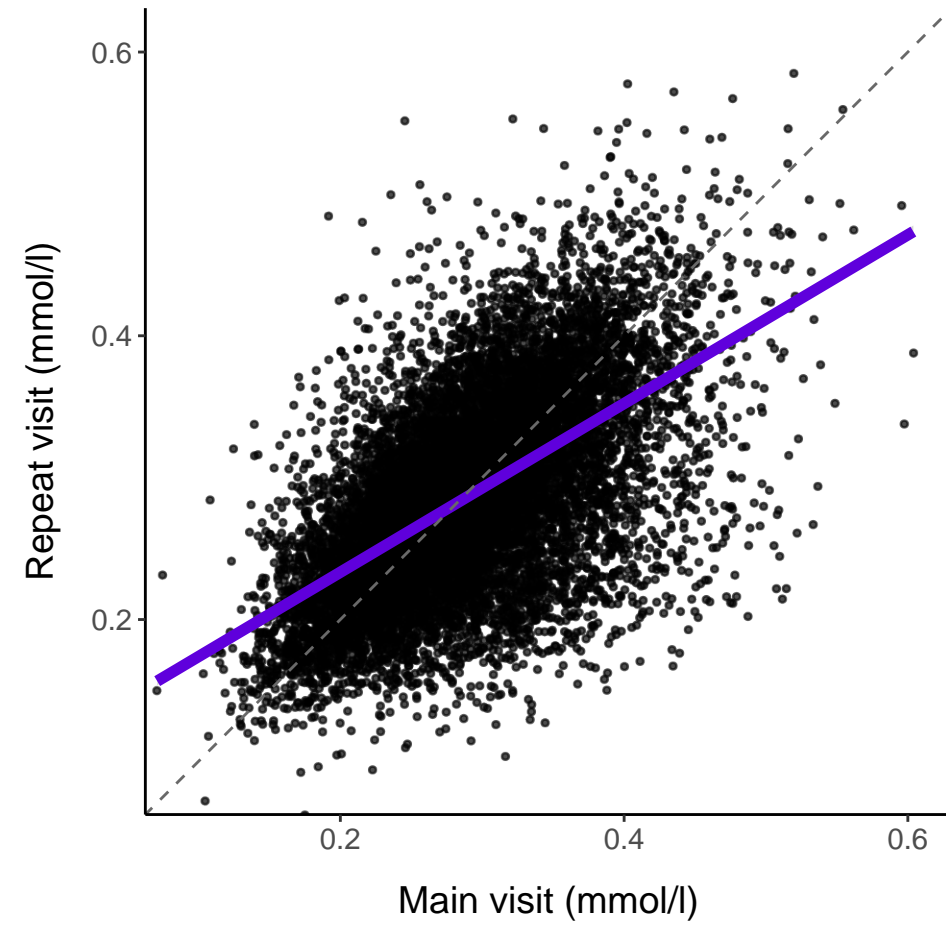
S_LDL_P

R: 0.59
 $y = 0.00 + 0.60x$



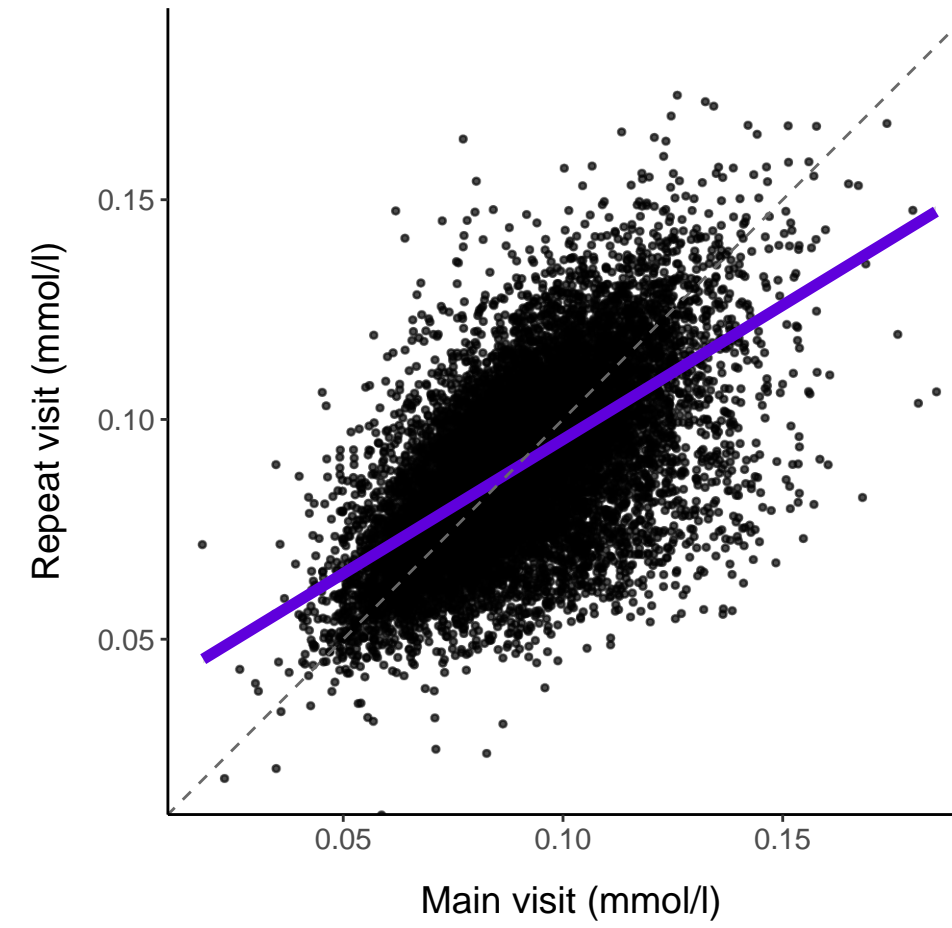
S_LDL_L

R: 0.59
 $y = 0.11 + 0.59x$



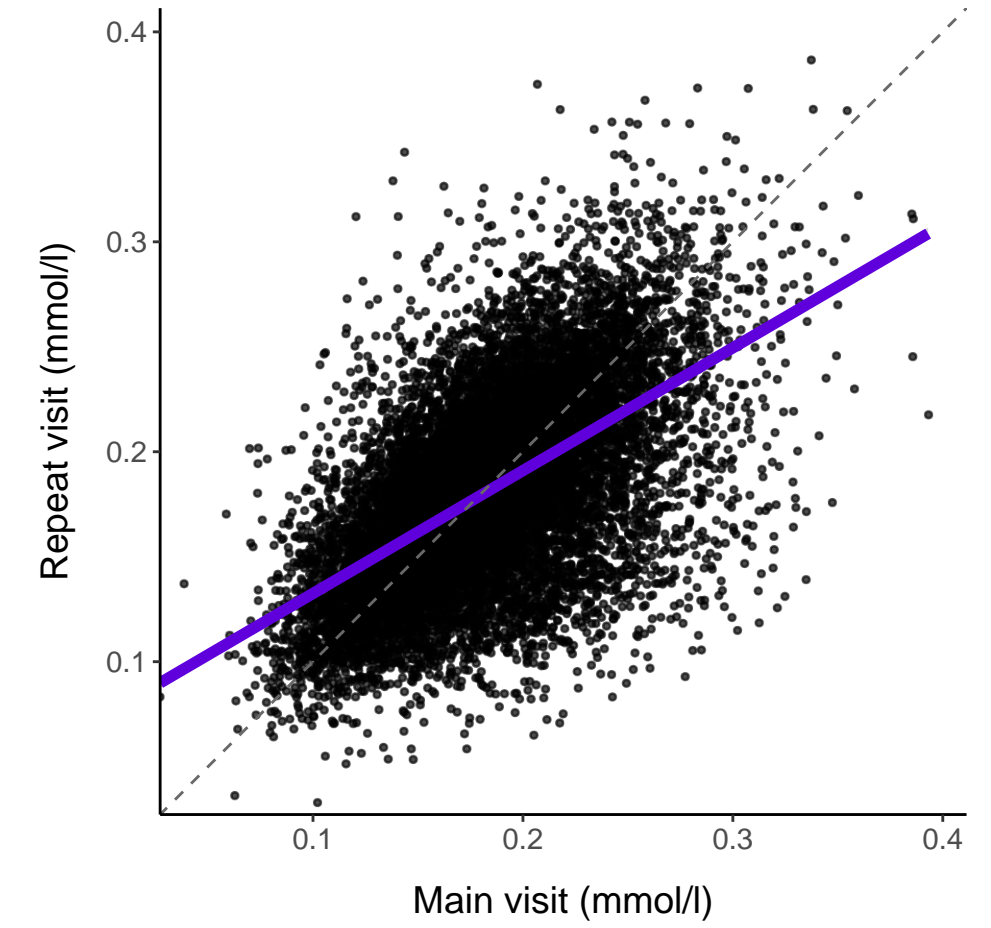
S_LDL_PL

R: 0.61
 $y = 0.03 + 0.61x$



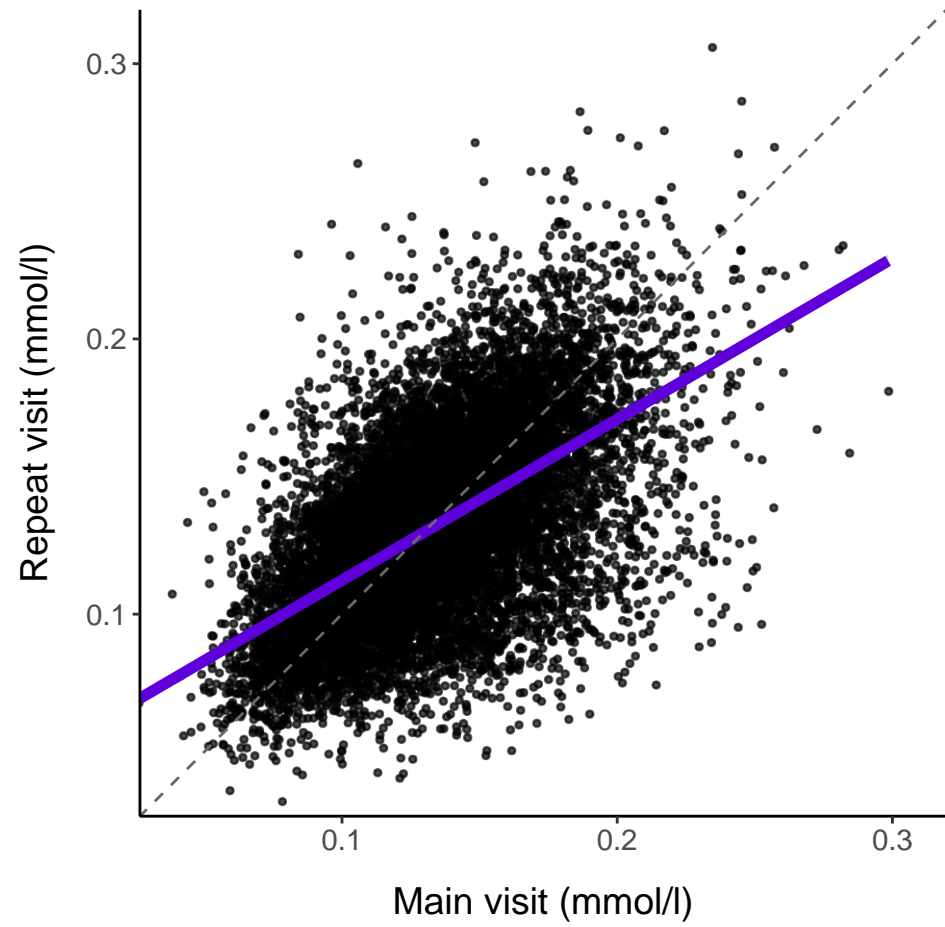
S_LDL_C

R: 0.58
 $y = 0.07 + 0.59x$



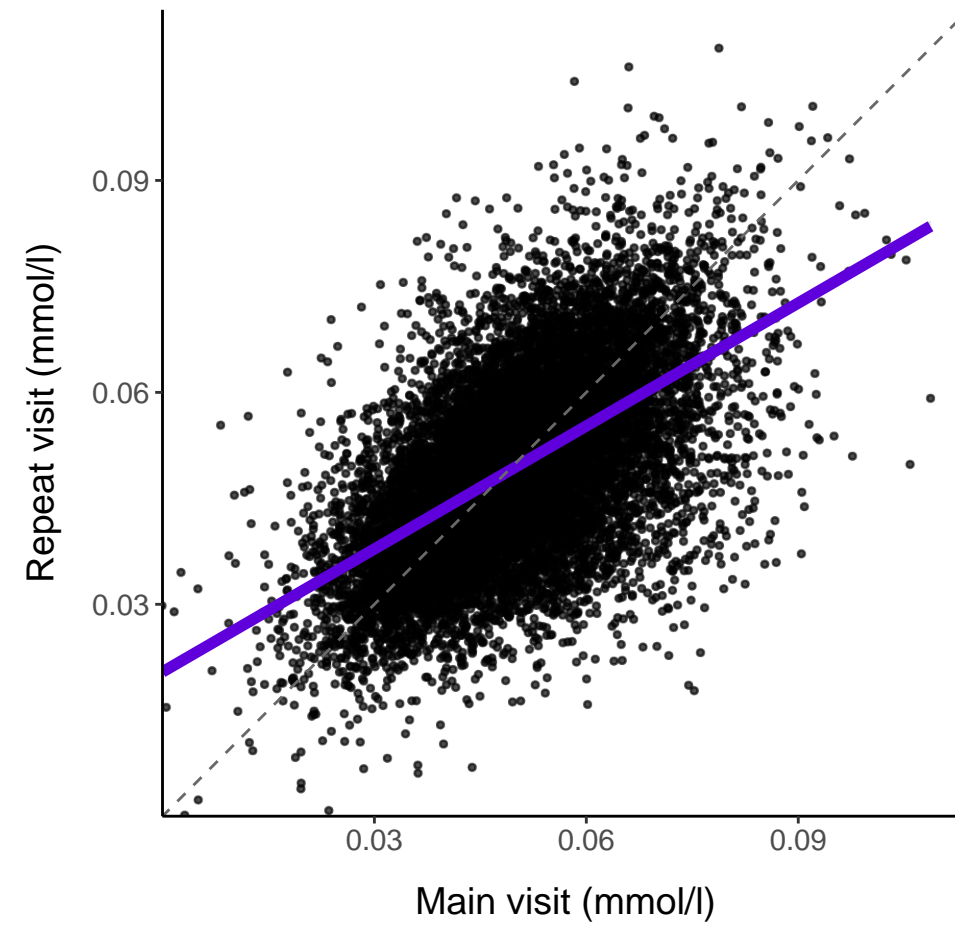
S_LDL_CE

R: 0.58
 $y = 0.05 + 0.58x$



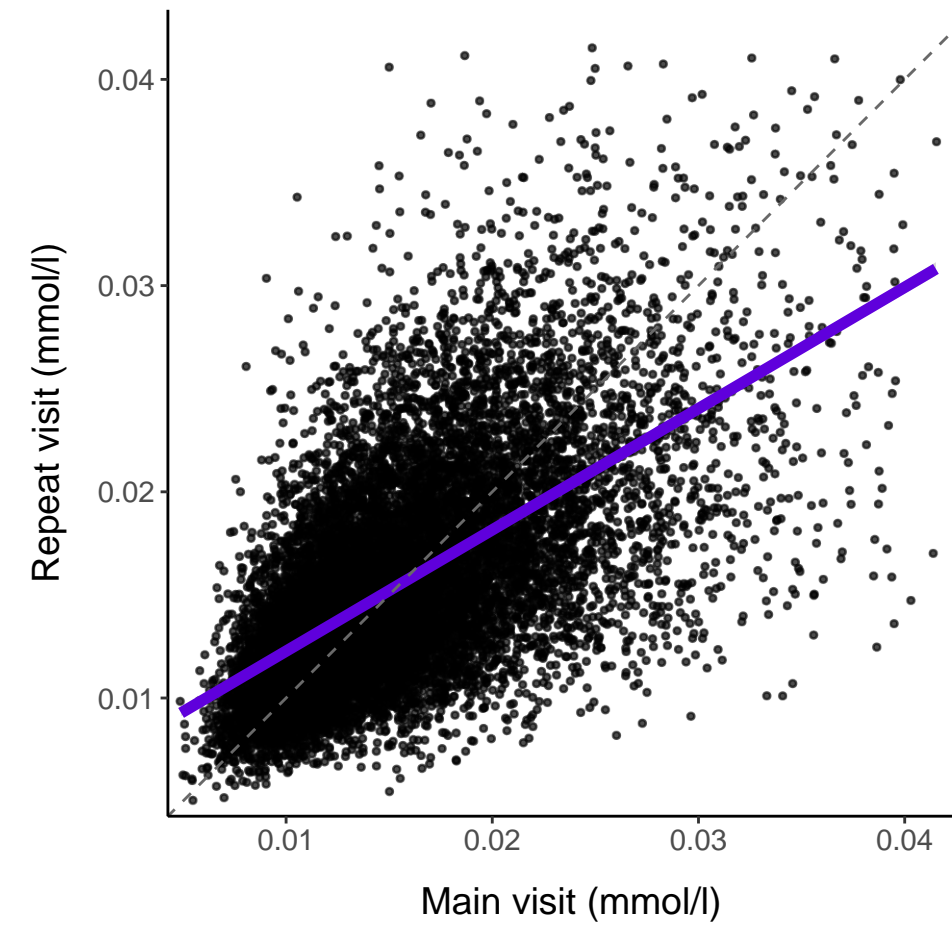
S_LDL_FC

R: 0.57
 $y = 0.02 + 0.58x$



S_LDL_TG

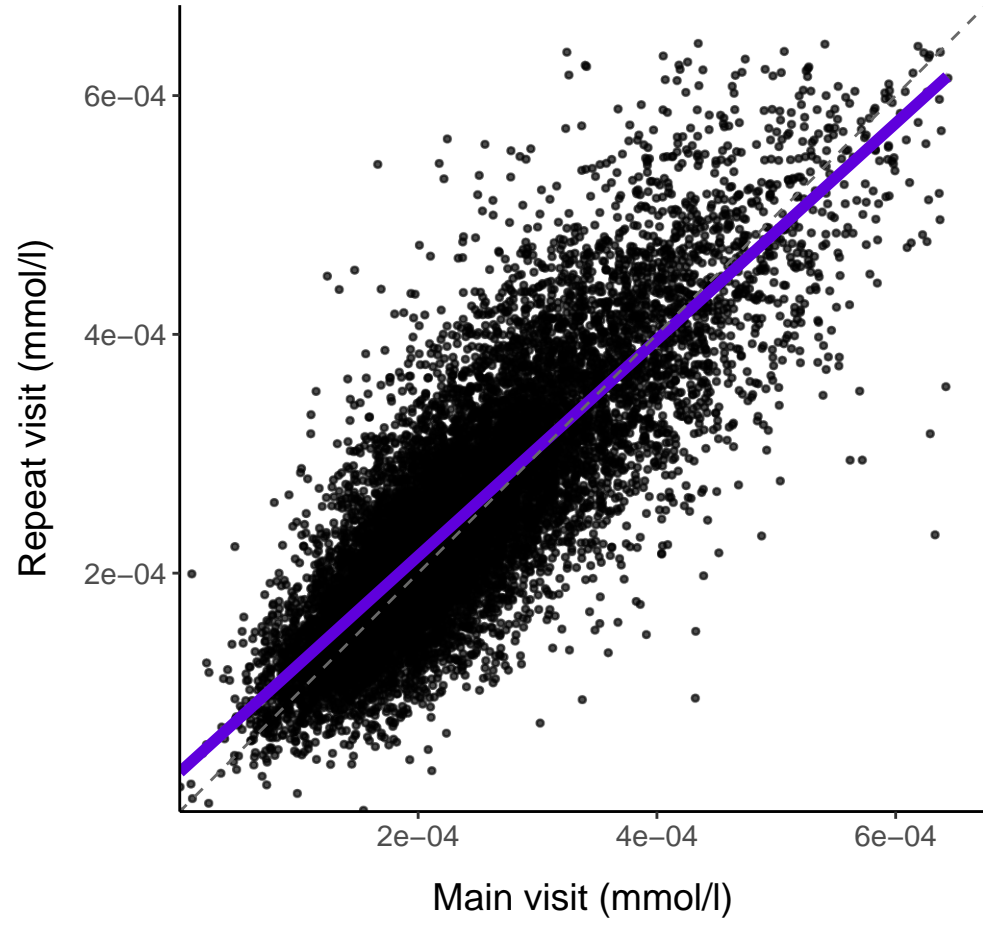
R: 0.62
 $y = 0.01 + 0.59x$



Very large HDL (average diameter 14.3 nm)

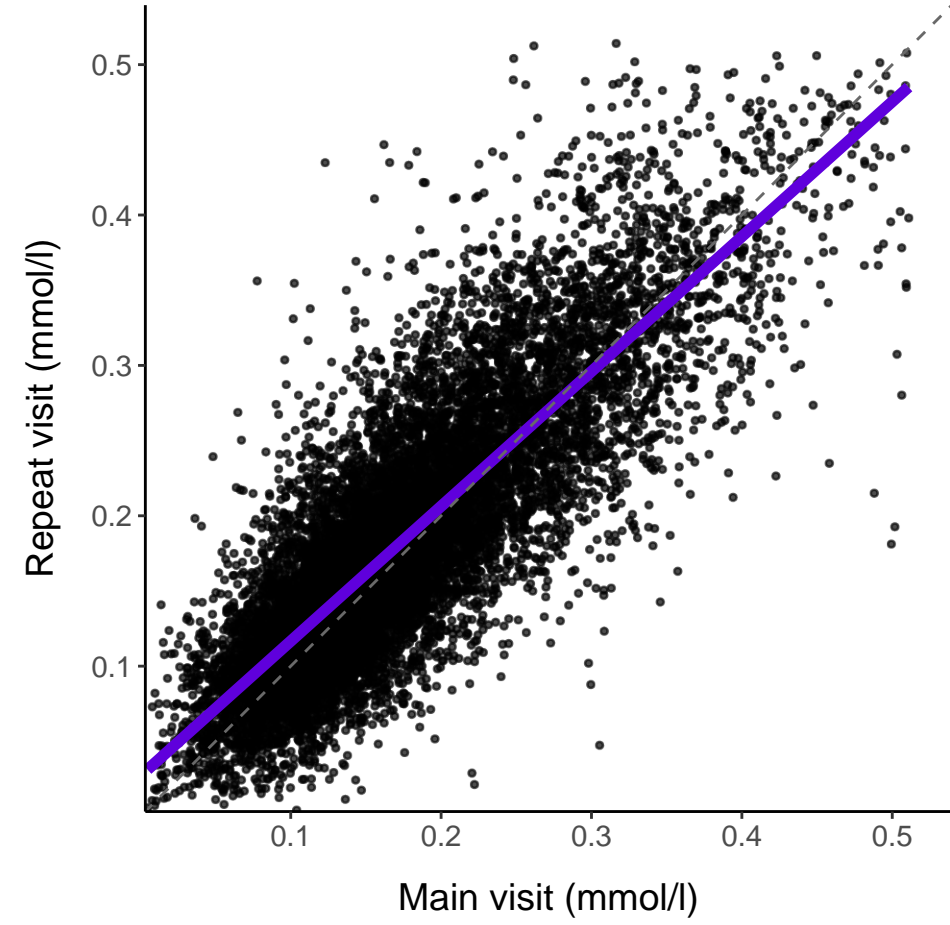
XL_HDL_P

R: 0.83
 $y = 0.00 + 0.91x$



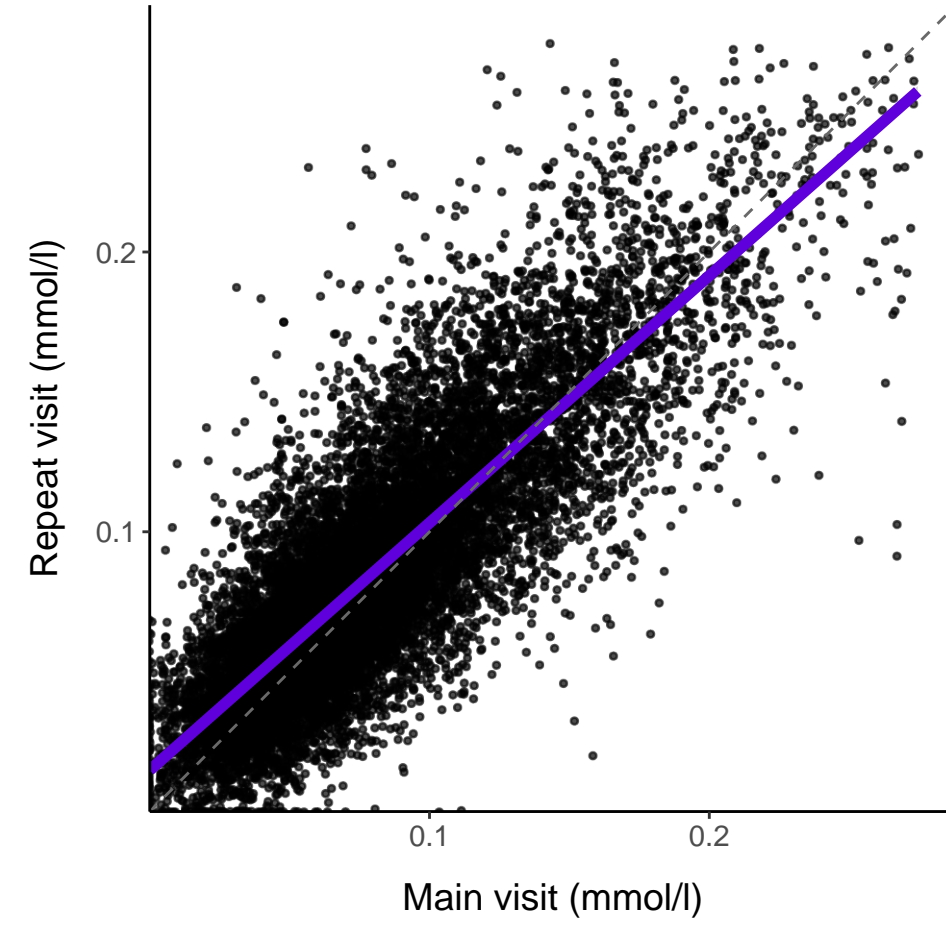
XL_HDL_L

R: 0.83
 $y = 0.03 + 0.90x$



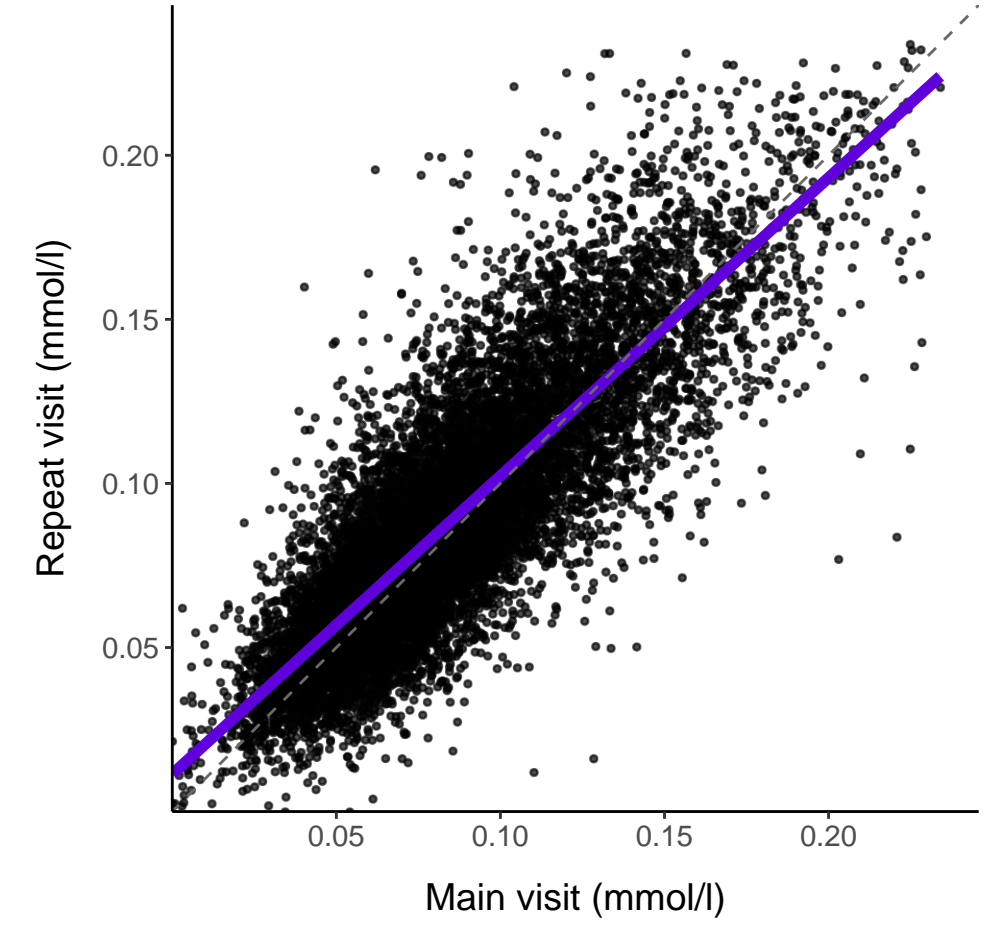
XL_HDL_PL

R: 0.83
 $y = 0.01 + 0.88x$



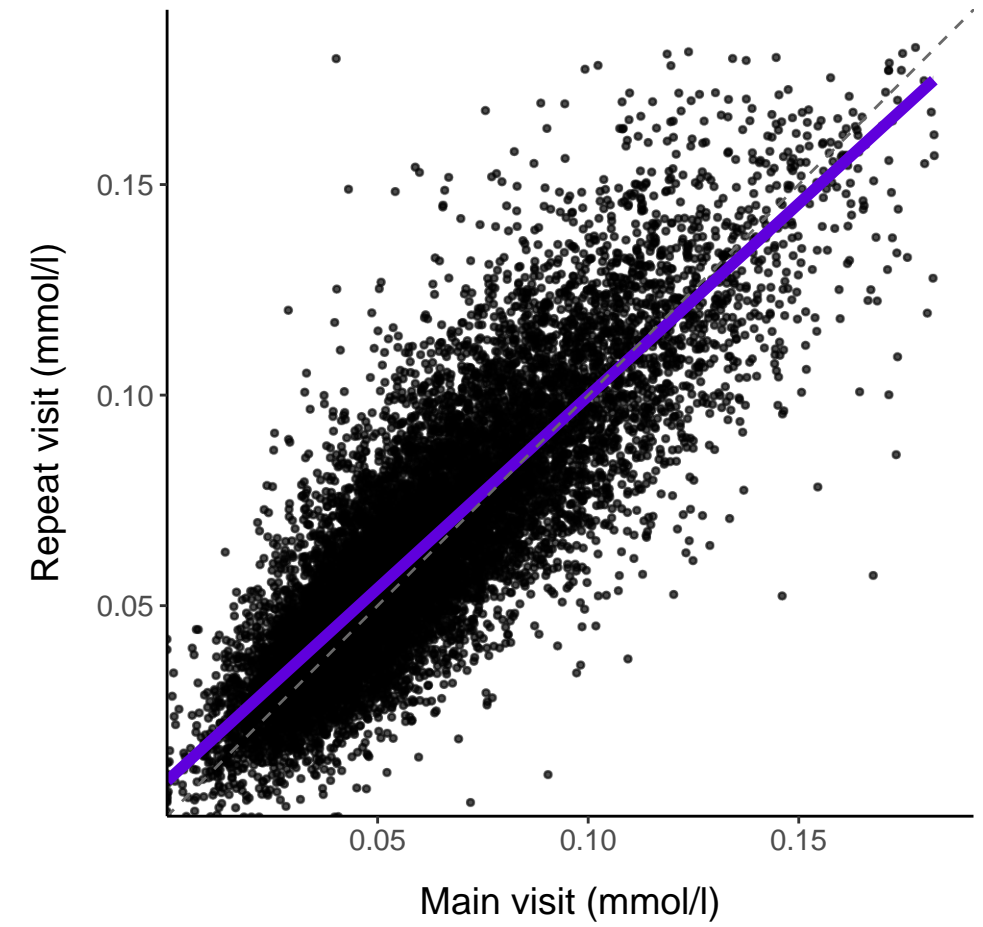
XL_HDL_C

R: 0.84
 $y = 0.01 + 0.91x$



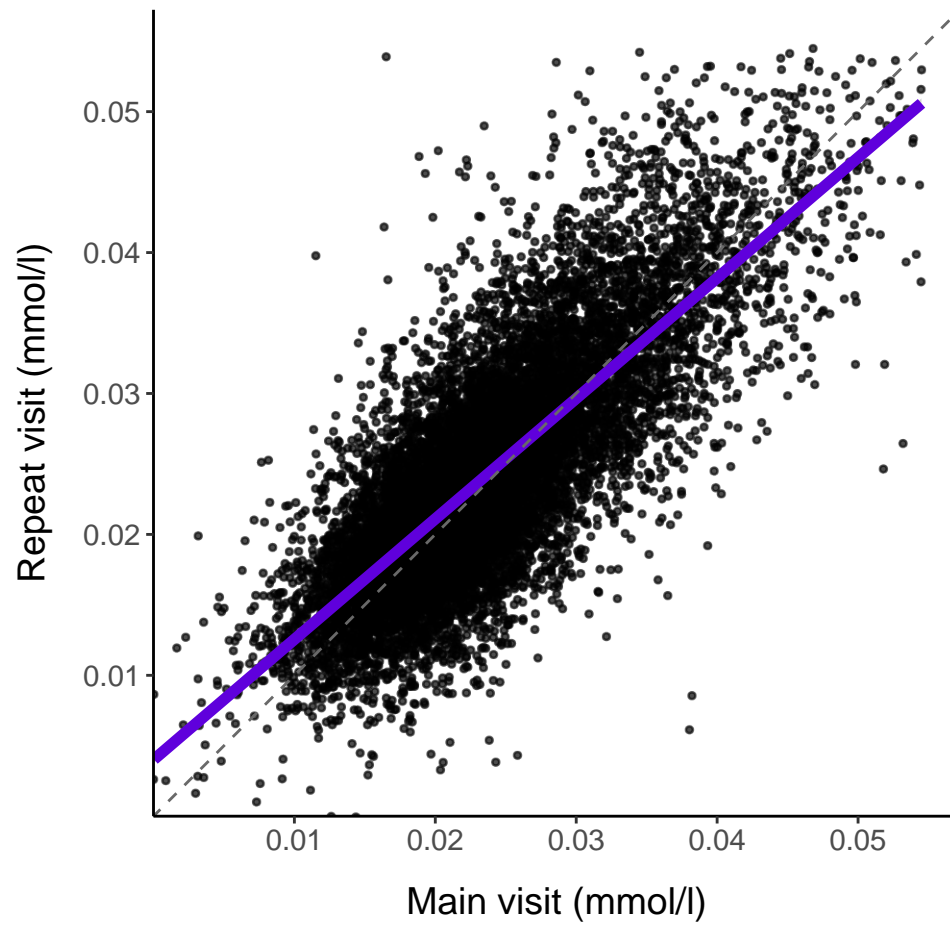
XL_HDL_CE

R: 0.85
 $y = 0.01 + 0.91x$



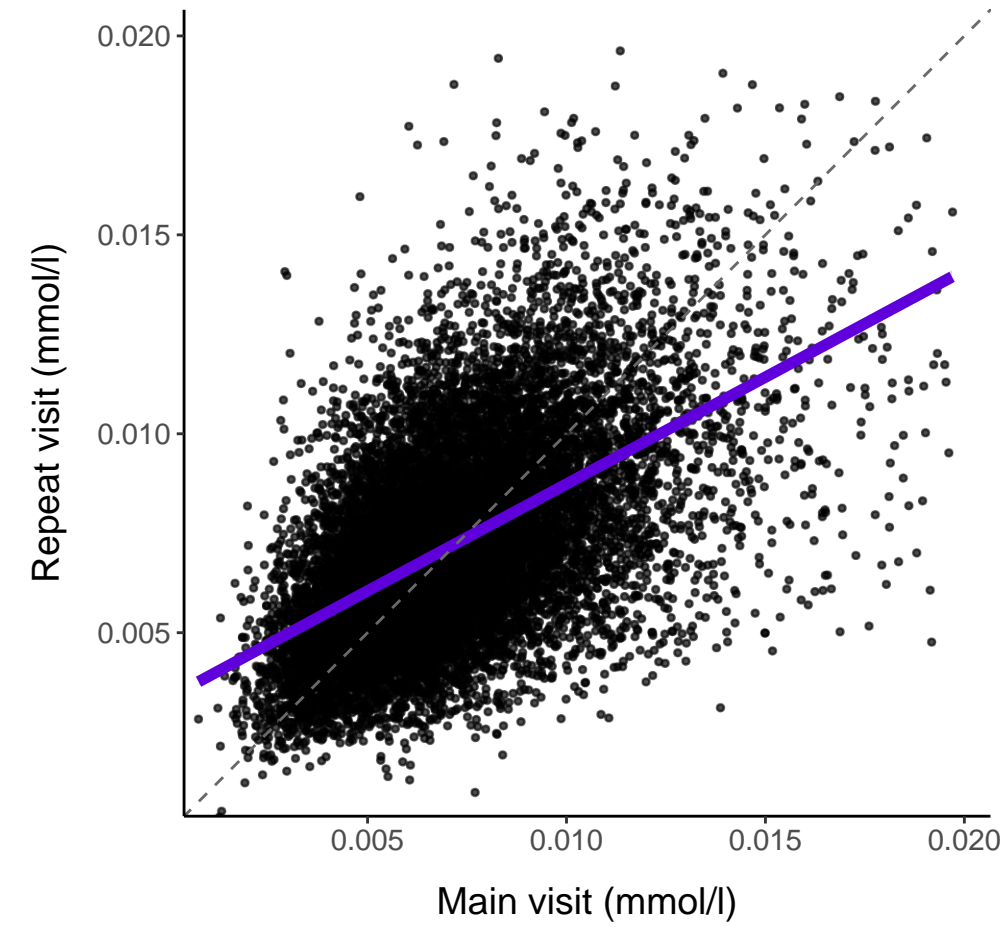
XL_HDL_FC

R: 0.78
 $y = 0.00 + 0.85x$



XL_HDL_TG

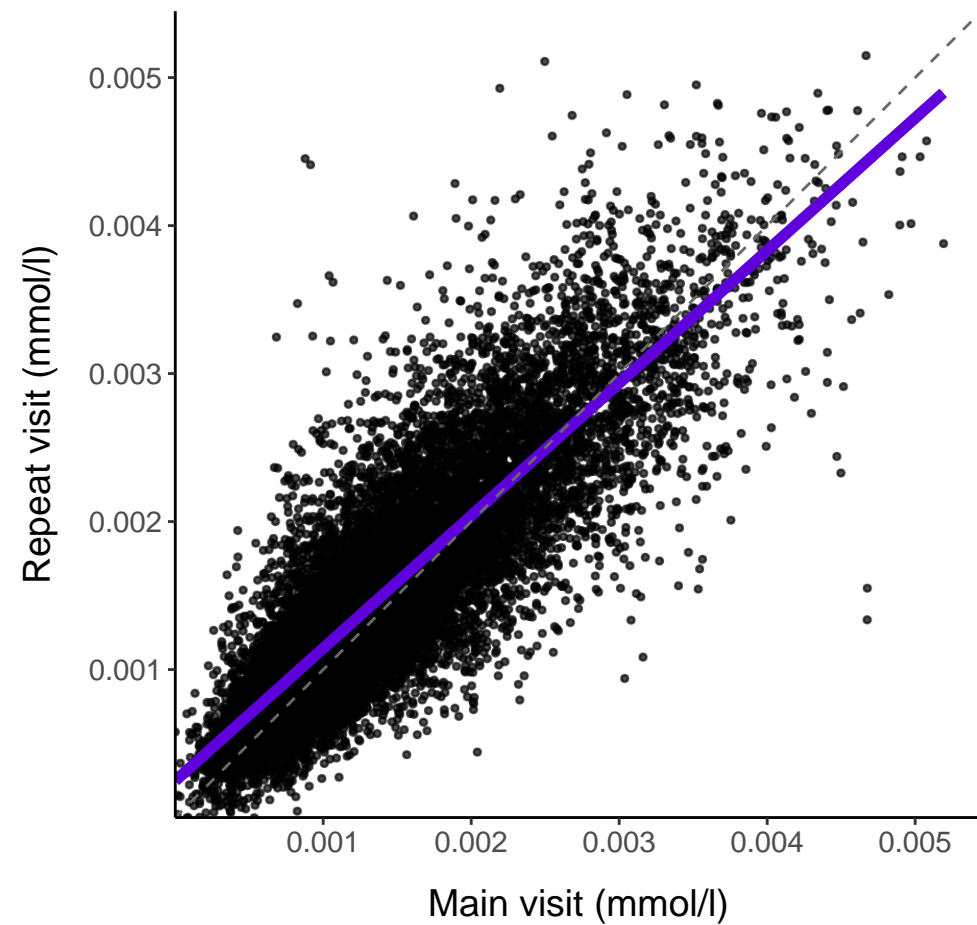
R: 0.55
 $y = 0.00 + 0.54x$



Large HDL (average diameter 12.1 nm)

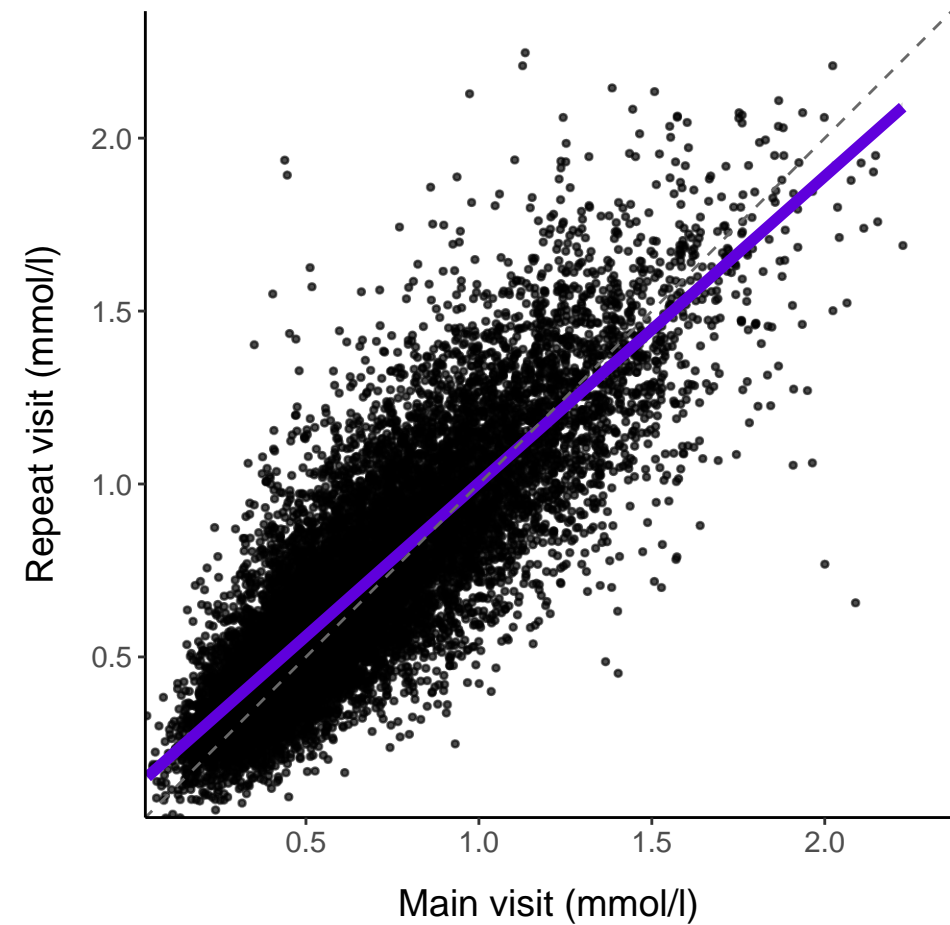
L_HDL_P

R: 0.85
 $y = 0.00 + 0.90x$



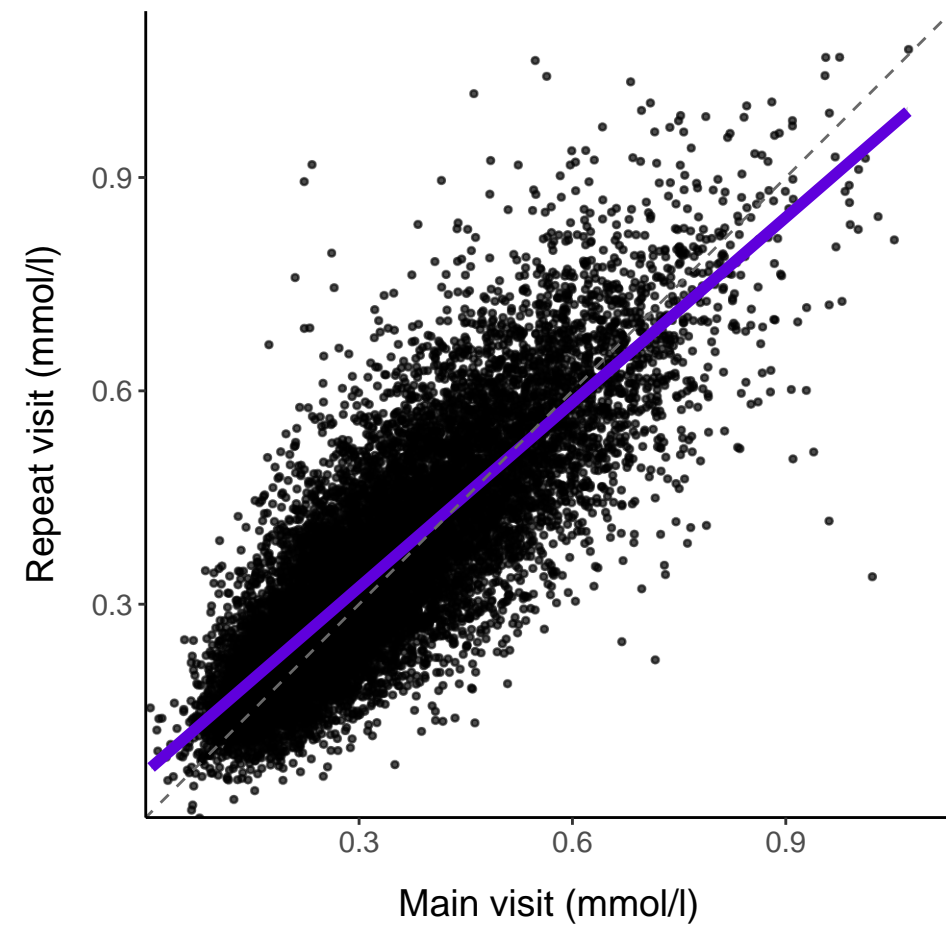
L_HDL_L

R: 0.84
 $y = 0.12 + 0.89x$



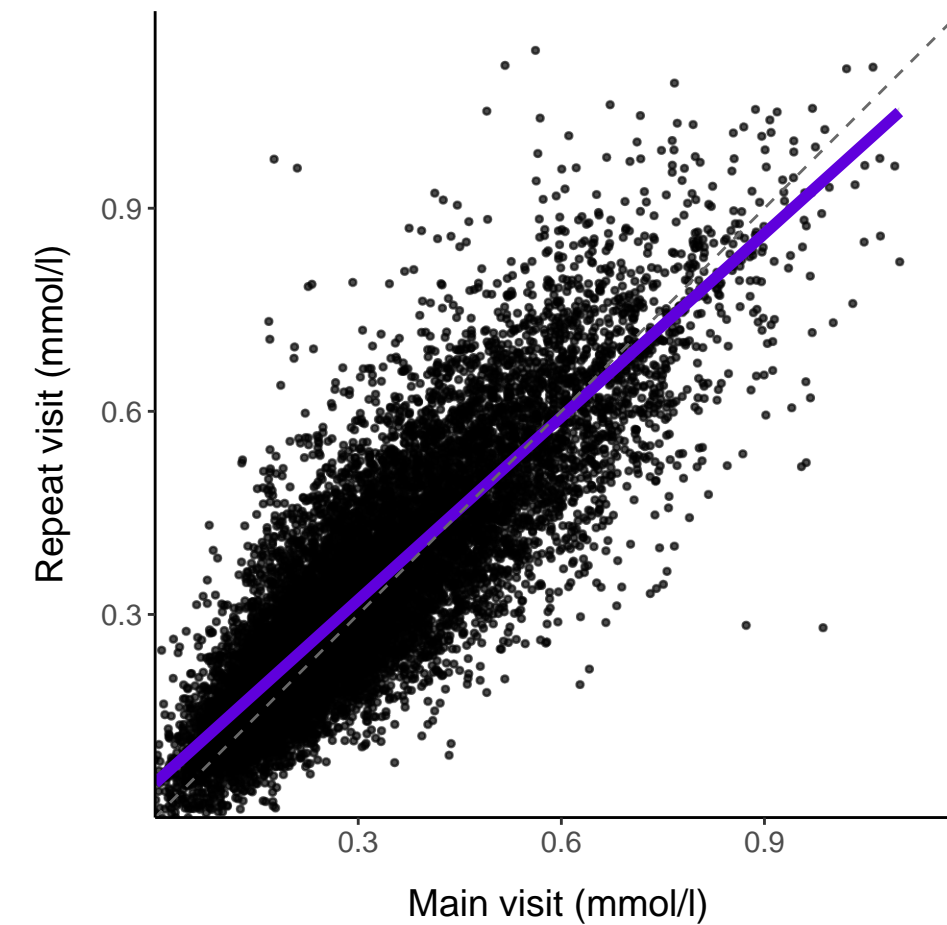
L_HDL_PL

R: 0.83
 $y = 0.06 + 0.87x$



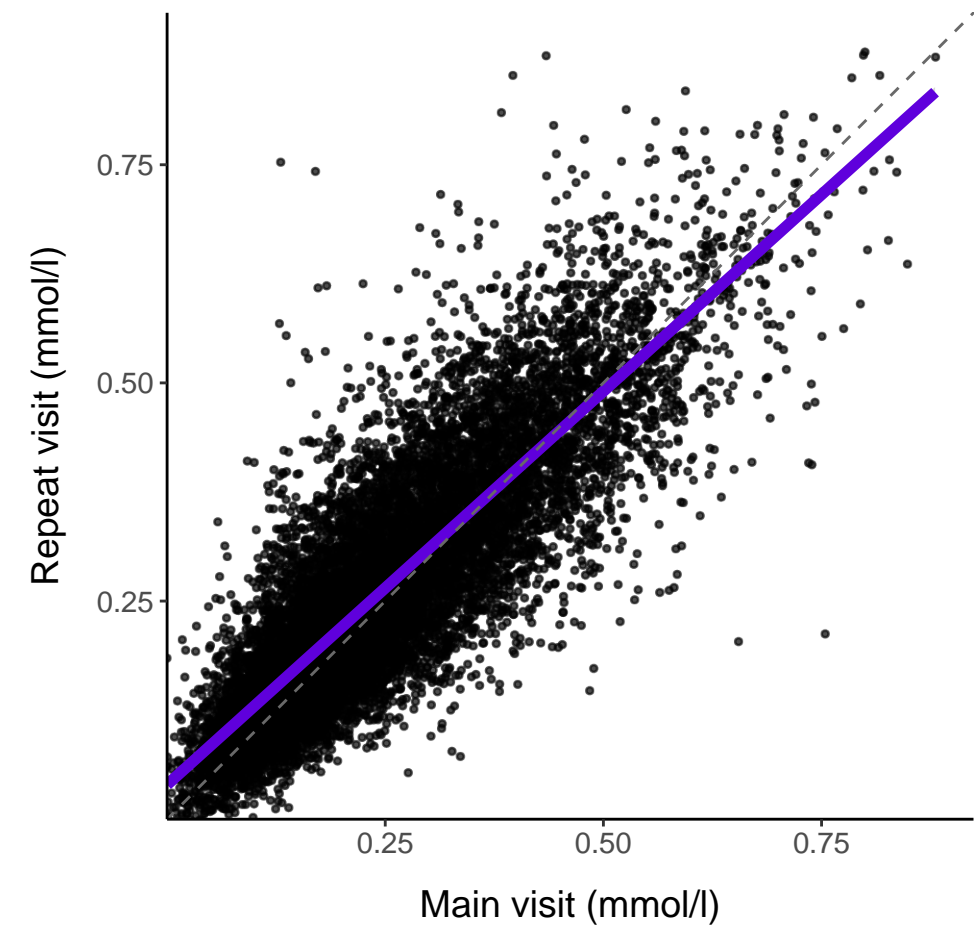
L_HDL_C

R: 0.85
 $y = 0.05 + 0.90x$



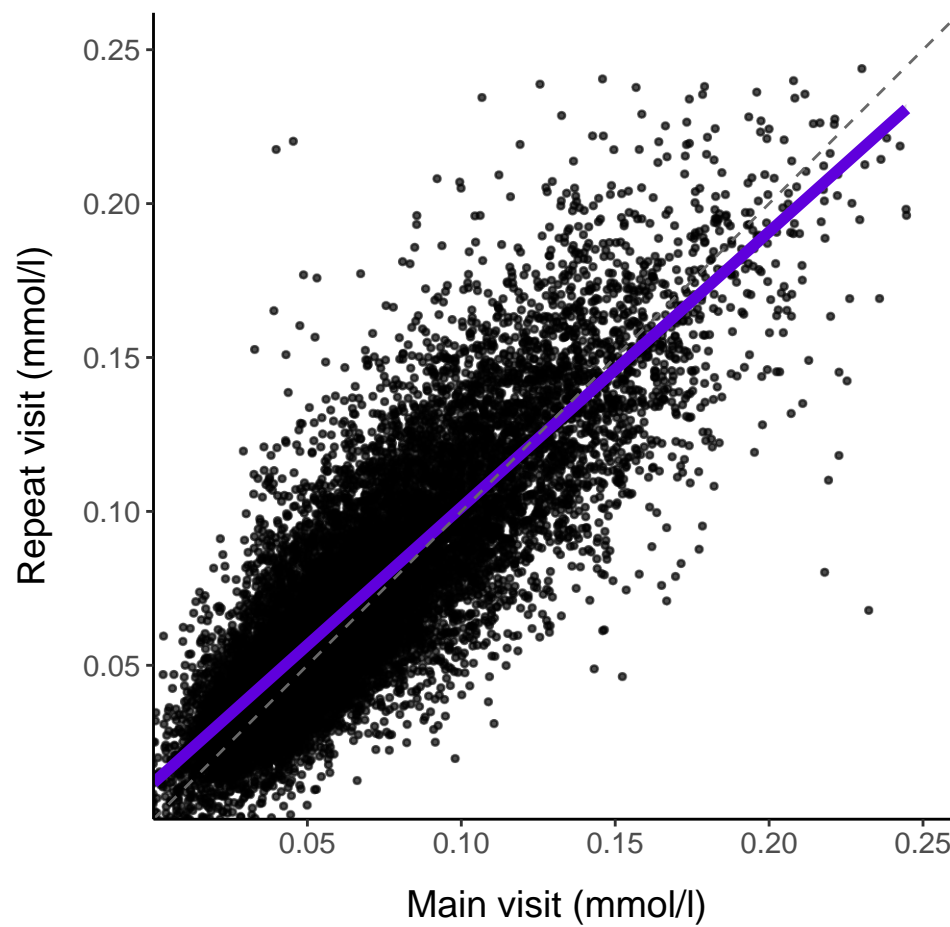
L_HDL_CE

R: 0.86
 $y = 0.04 + 0.90x$



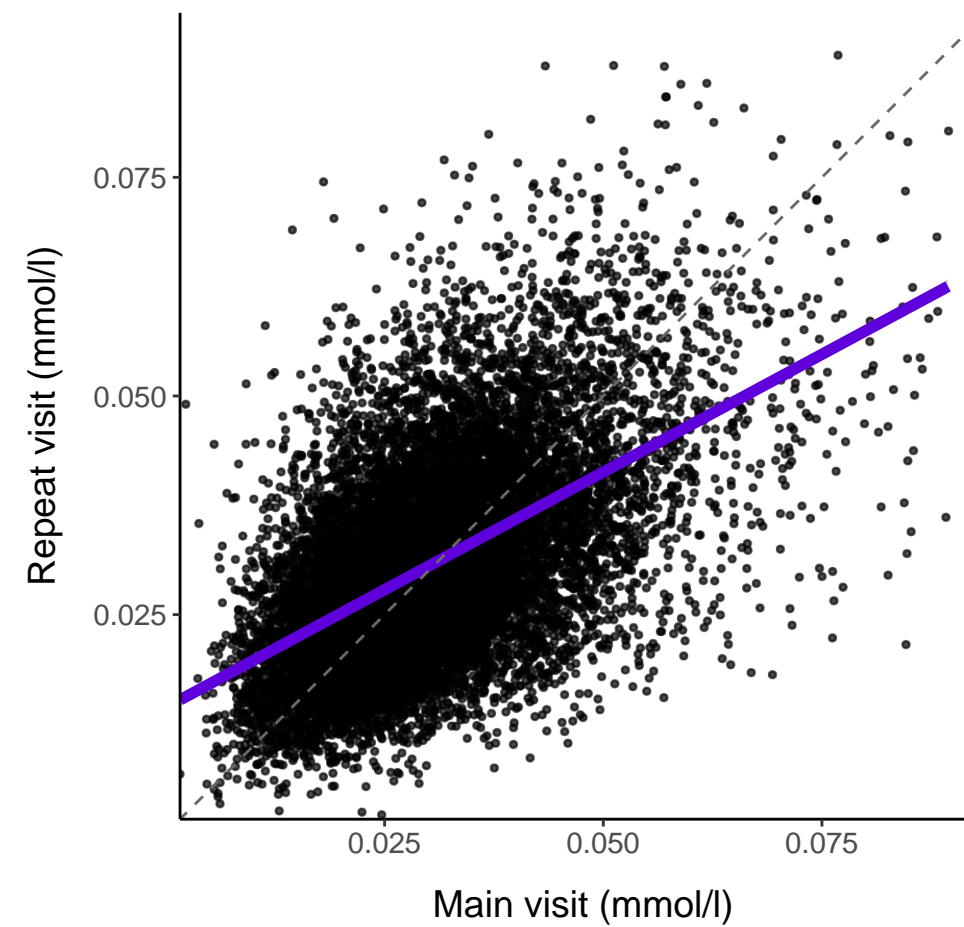
L_HDL_FC

R: 0.85
 $y = 0.01 + 0.90x$



L_HDL_TG

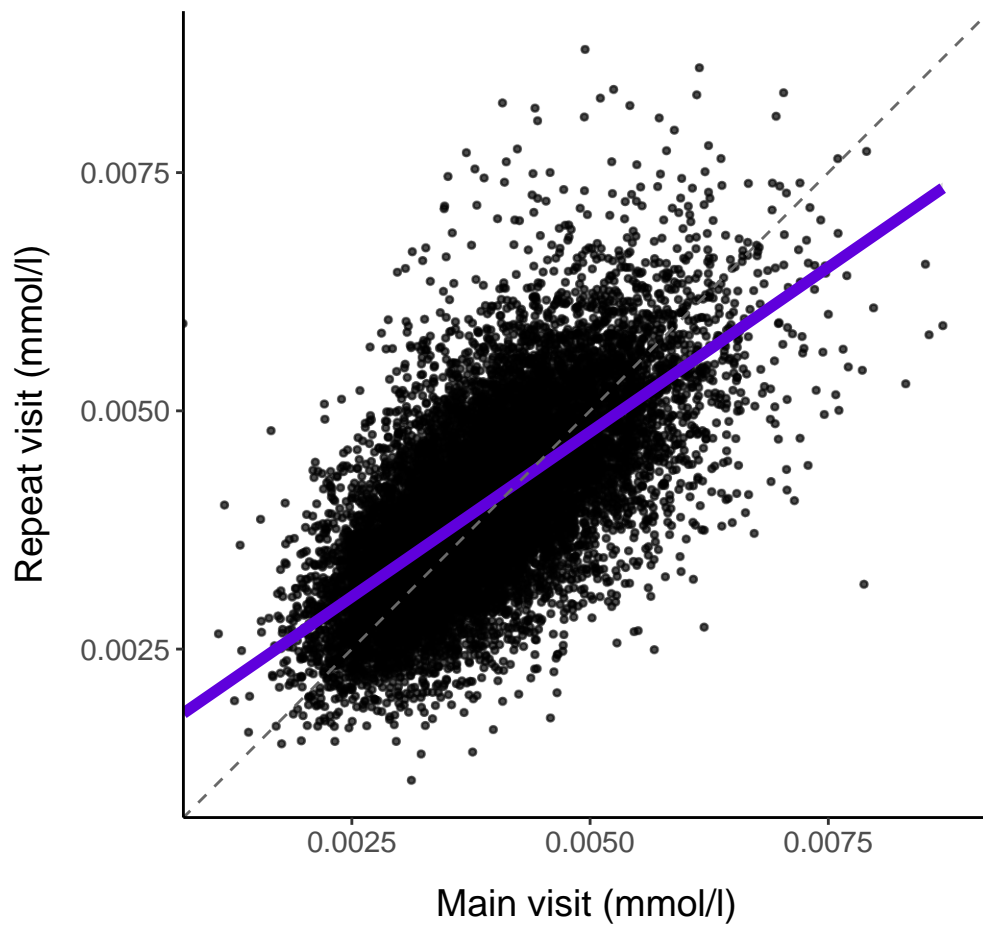
R: 0.55
 $y = 0.01 + 0.54x$



Medium HDL (average diameter 10.9 nm)

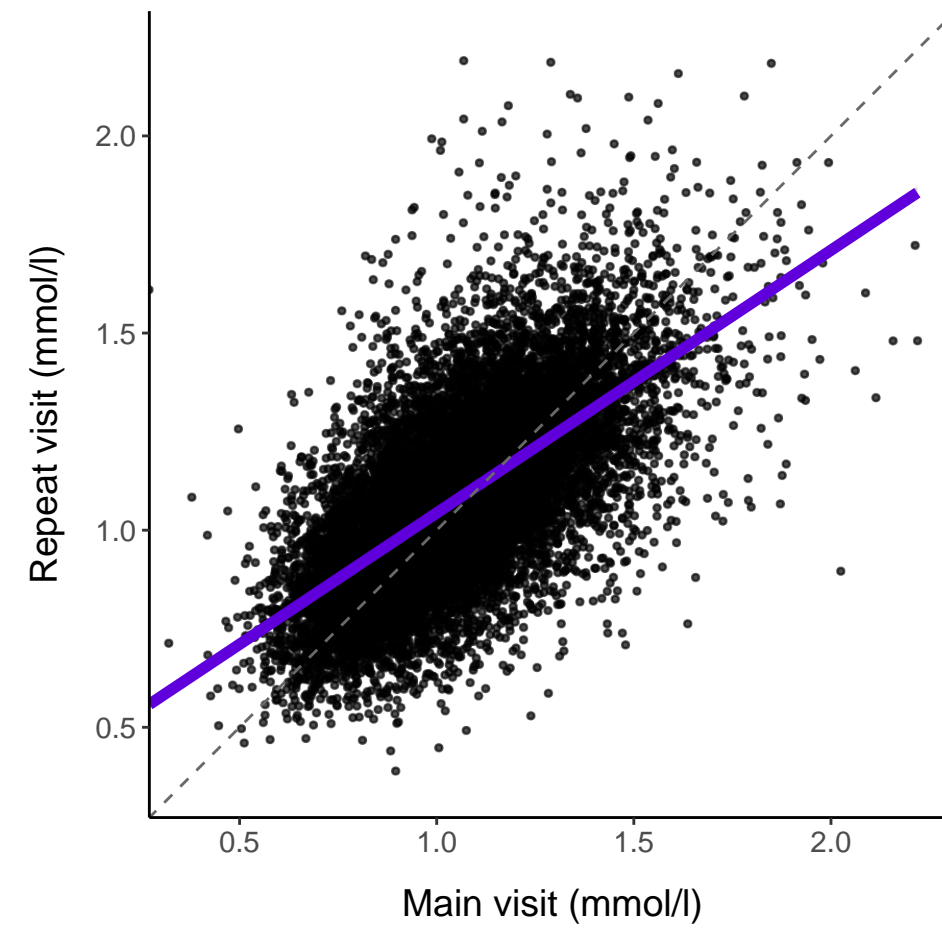
M_HDL_P

R: 0.67
 $y = 0.00 + 0.69x$



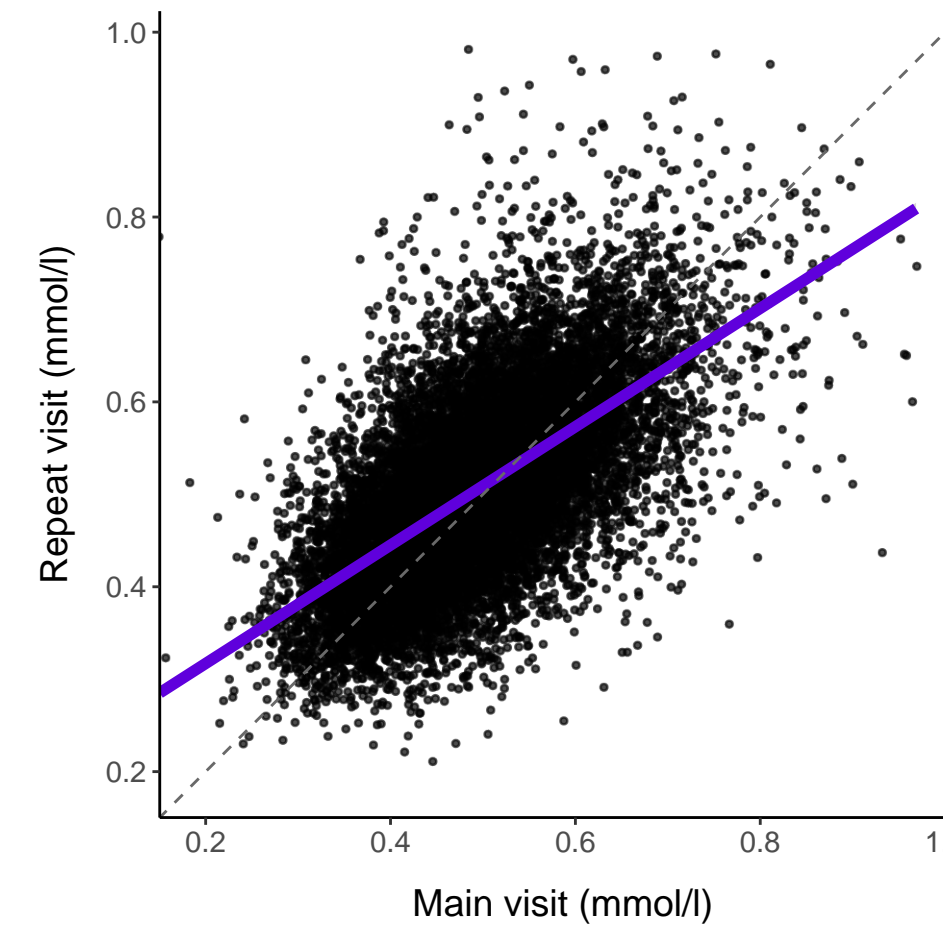
M_HDL_L

R: 0.65
 $y = 0.38 + 0.67x$



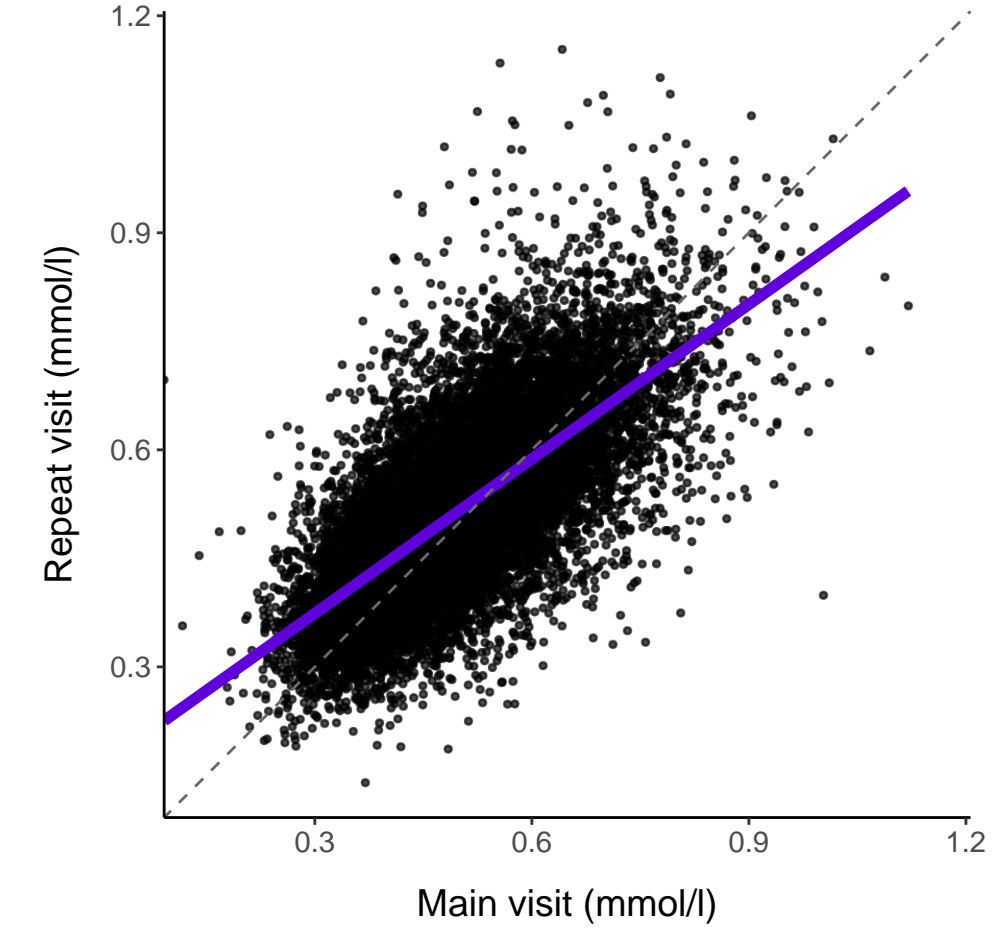
M_HDL_PL

R: 0.62
 $y = 0.19 + 0.64x$



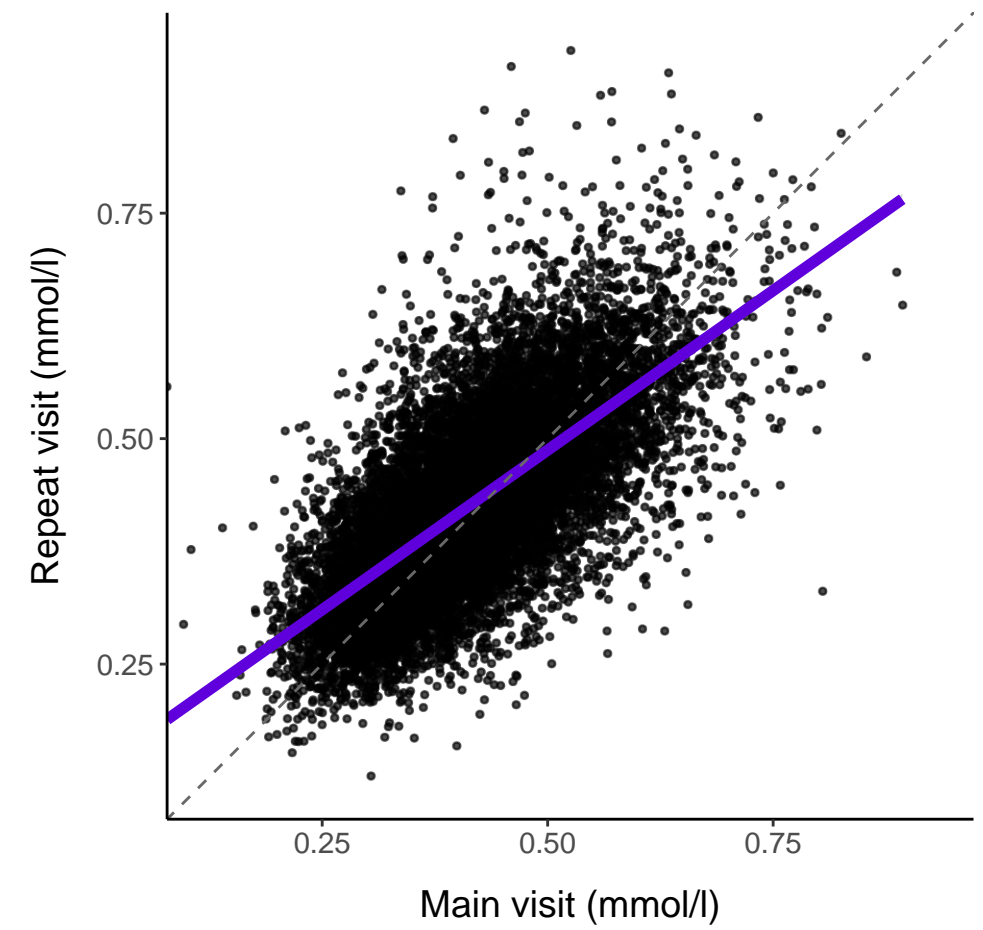
M_HDL_C

R: 0.69
 $y = 0.16 + 0.71x$



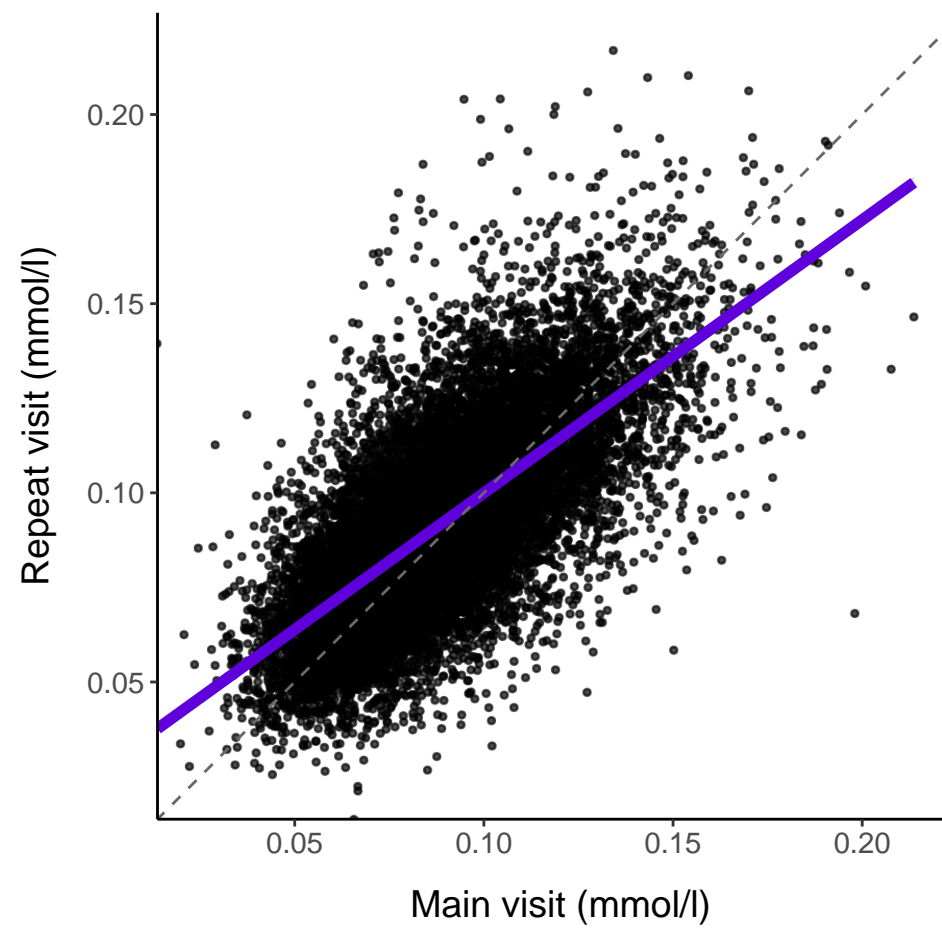
M_HDL_CE

R: 0.69
 $y = 0.13 + 0.71x$



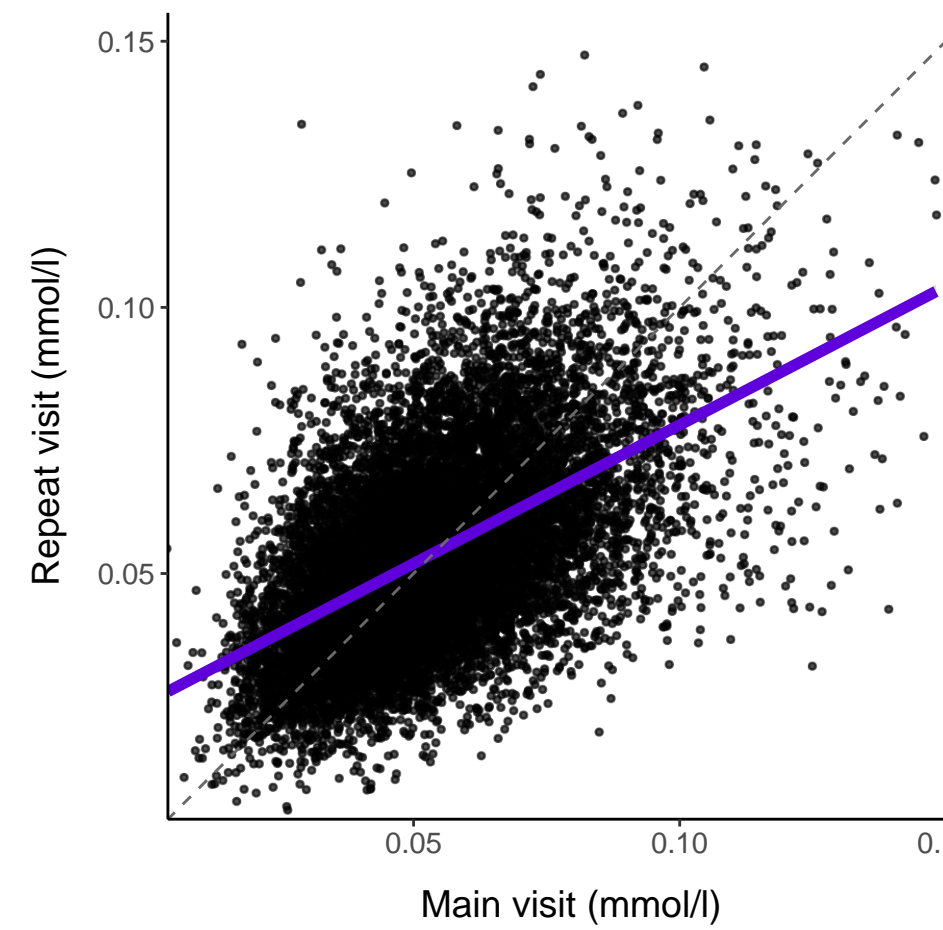
M_HDL_FC

R: 0.69
 $y = 0.03 + 0.72x$



M_HDL_TG

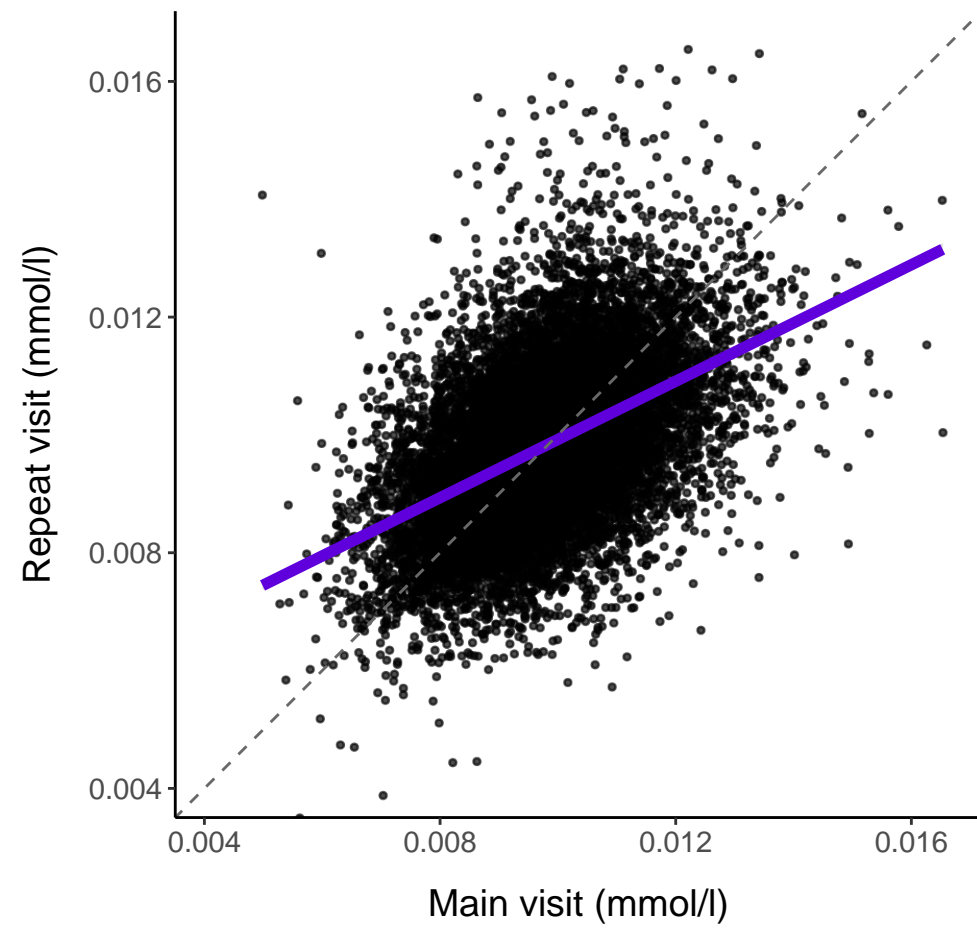
R: 0.54
 $y = 0.03 + 0.52x$



Small HDL (average diameter 8.7 nm)

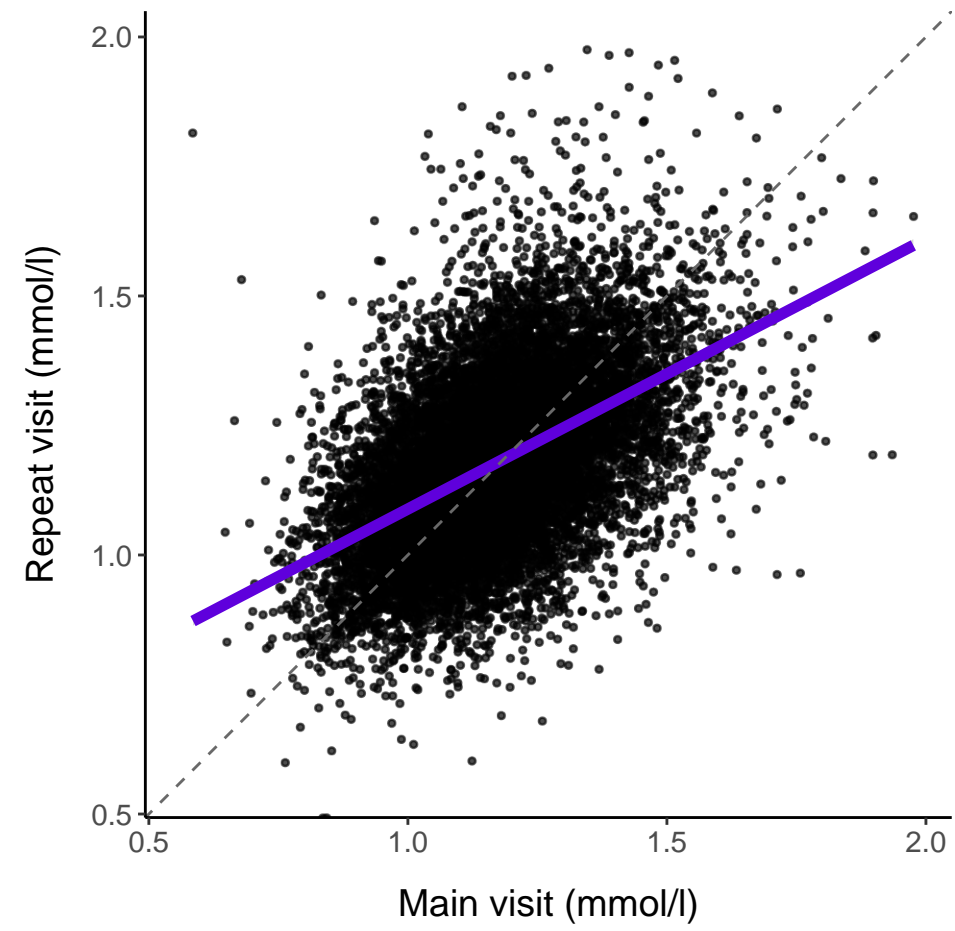
S_HDL_P

R: 0.48
 $y = 0.00 + 0.49x$



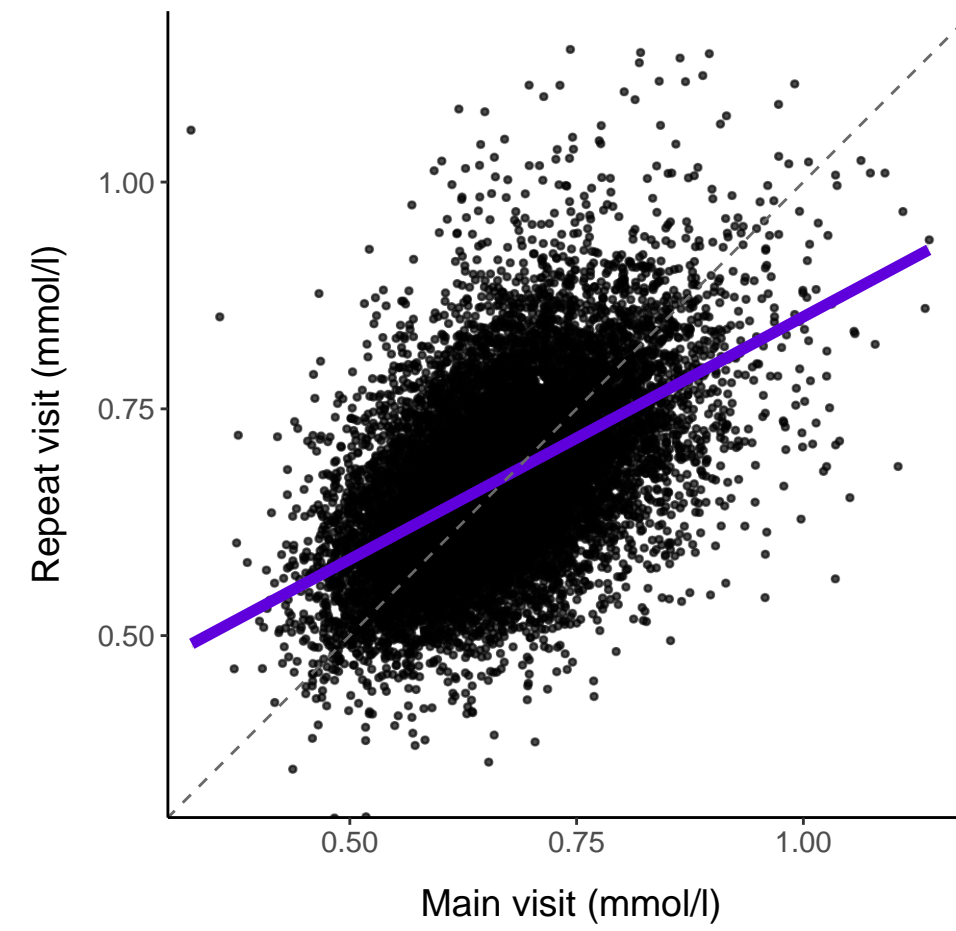
S_HDL_L

R: 0.5
 $y = 0.57 + 0.52x$



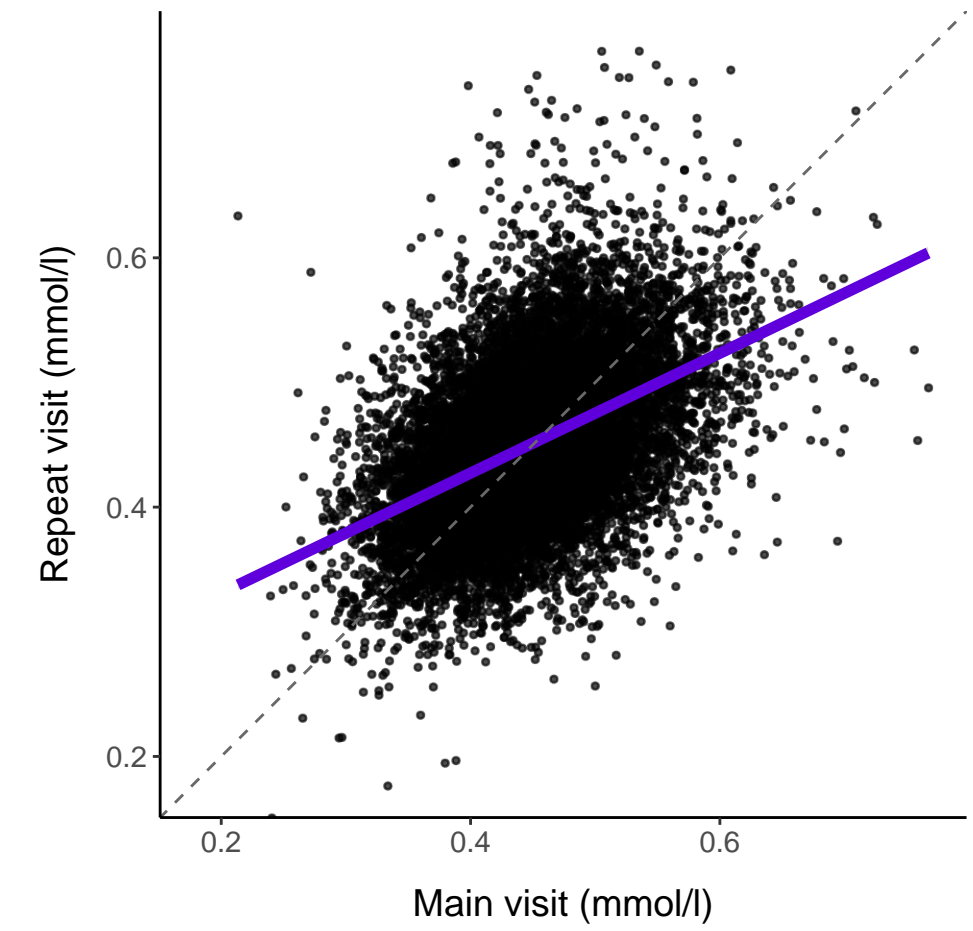
S_HDL_PL

R: 0.52
 $y = 0.32 + 0.53x$



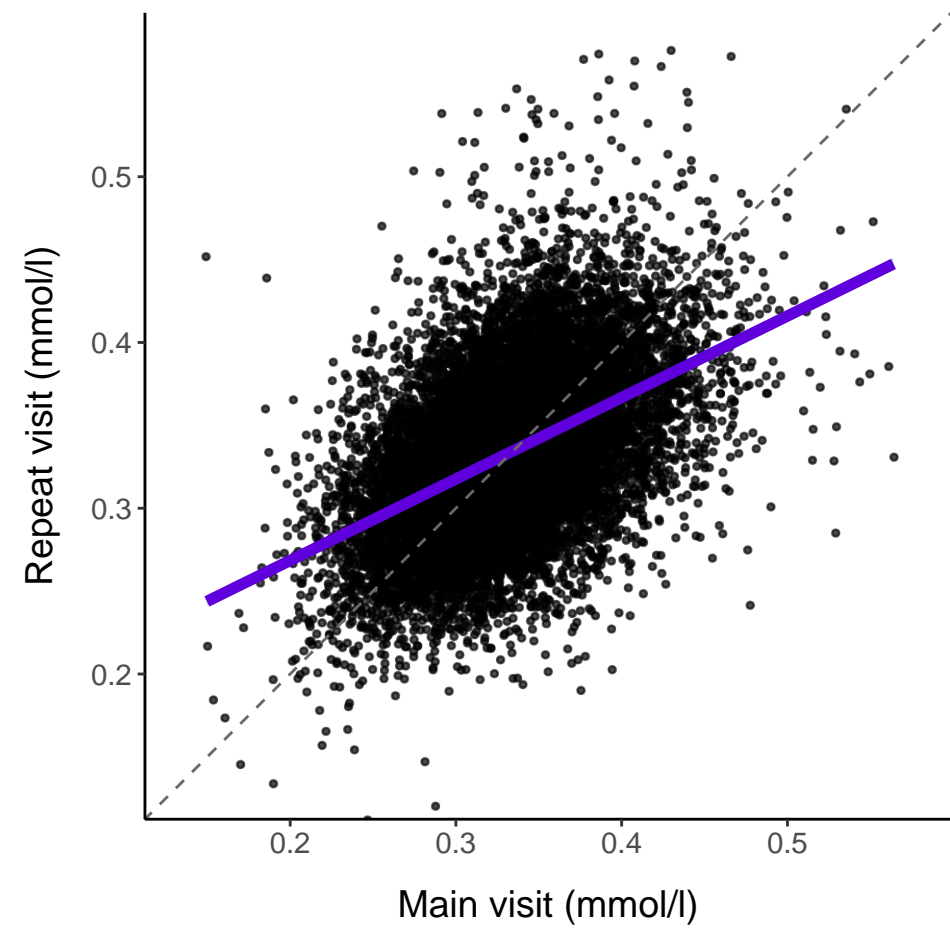
S_HDL_C

R: 0.46
 $y = 0.23 + 0.48x$



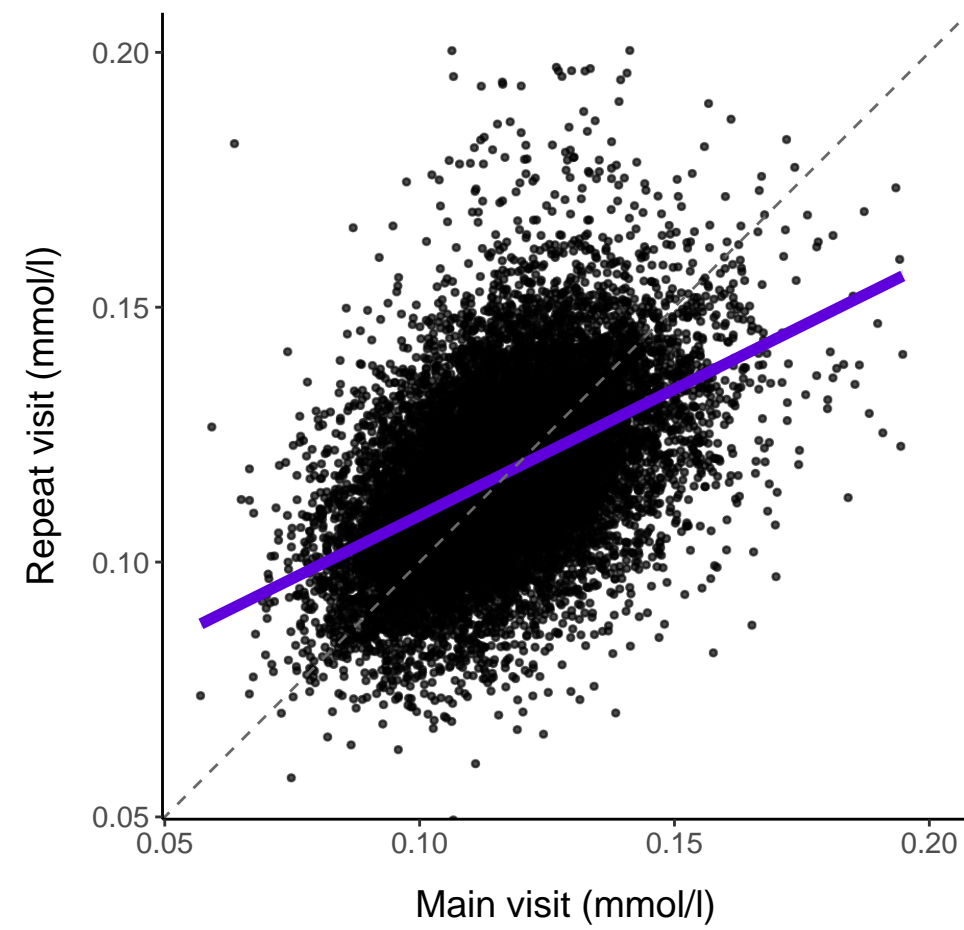
S_HDL_CE

R: 0.47
 $y = 0.17 + 0.49x$



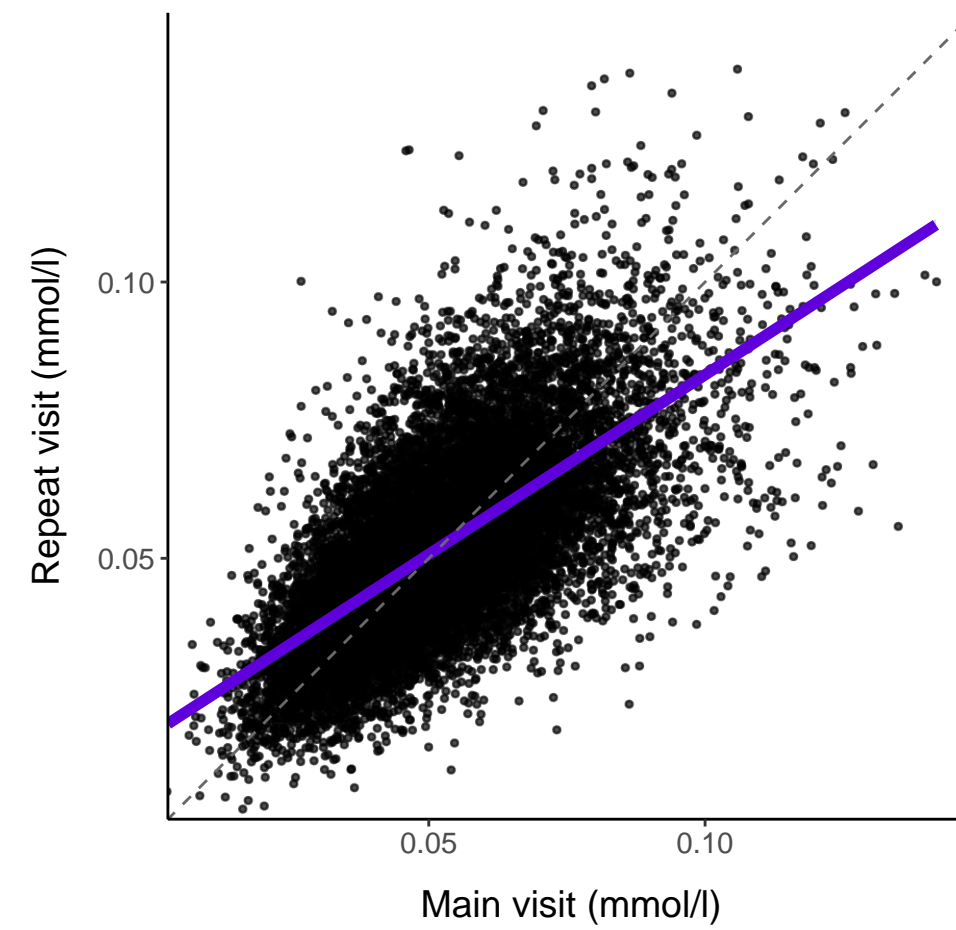
S_HDL_FC

R: 0.48
 $y = 0.06 + 0.50x$



S_HDL_TG

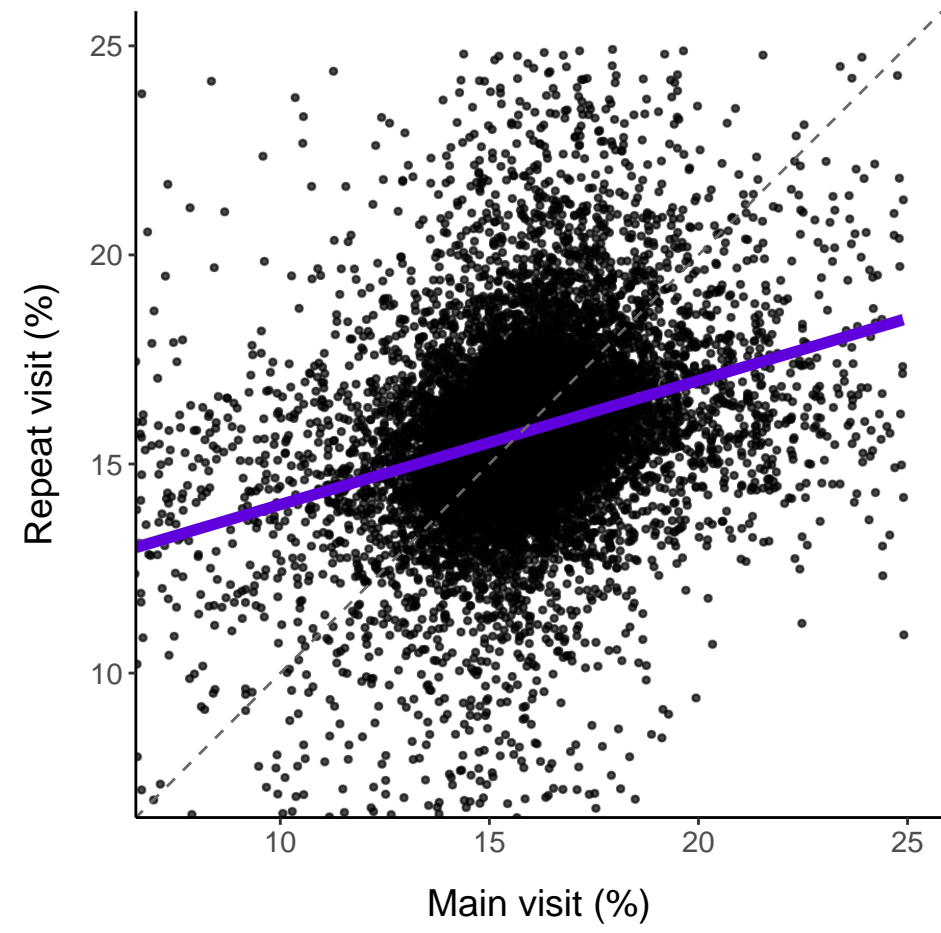
R: 0.67
 $y = 0.02 + 0.65x$



Chylomicrons and extremely large VLDL ratios

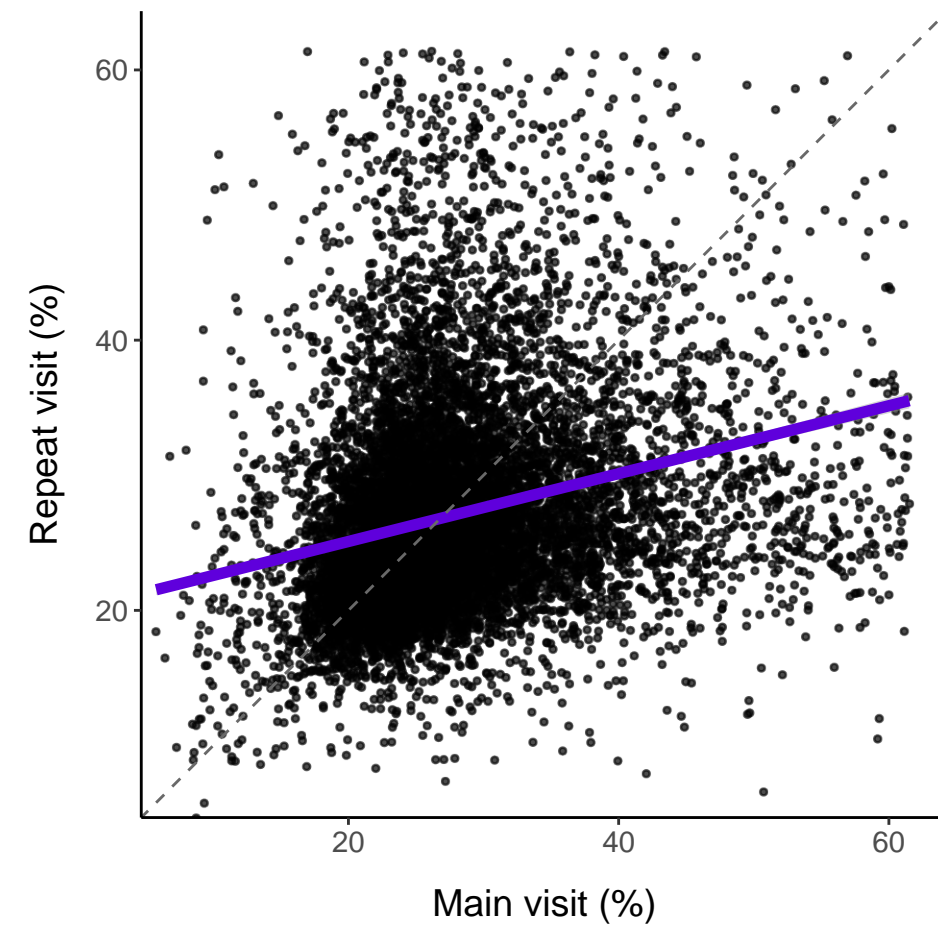
XXL_VLDL_PL_pct

R: 0.3
 $y = 11.06 + 0.30x$



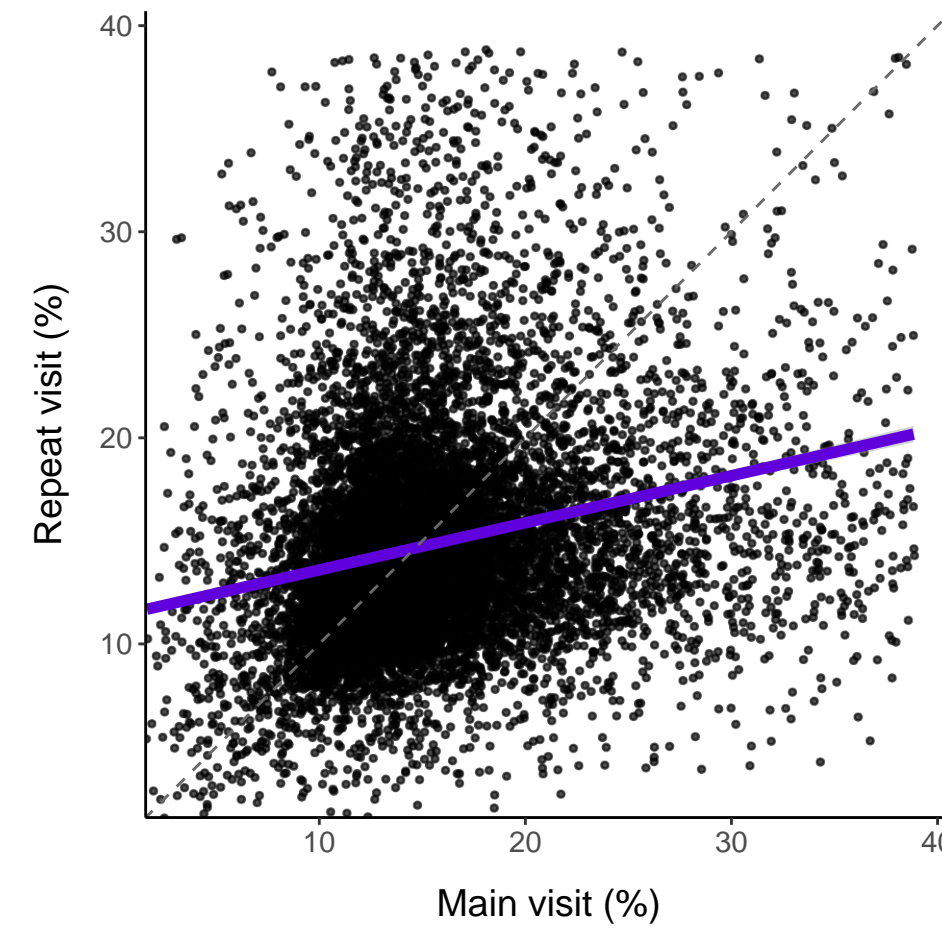
XXL_VLDL_C_pct

R: 0.26
 $y = 20.08 + 0.25x$



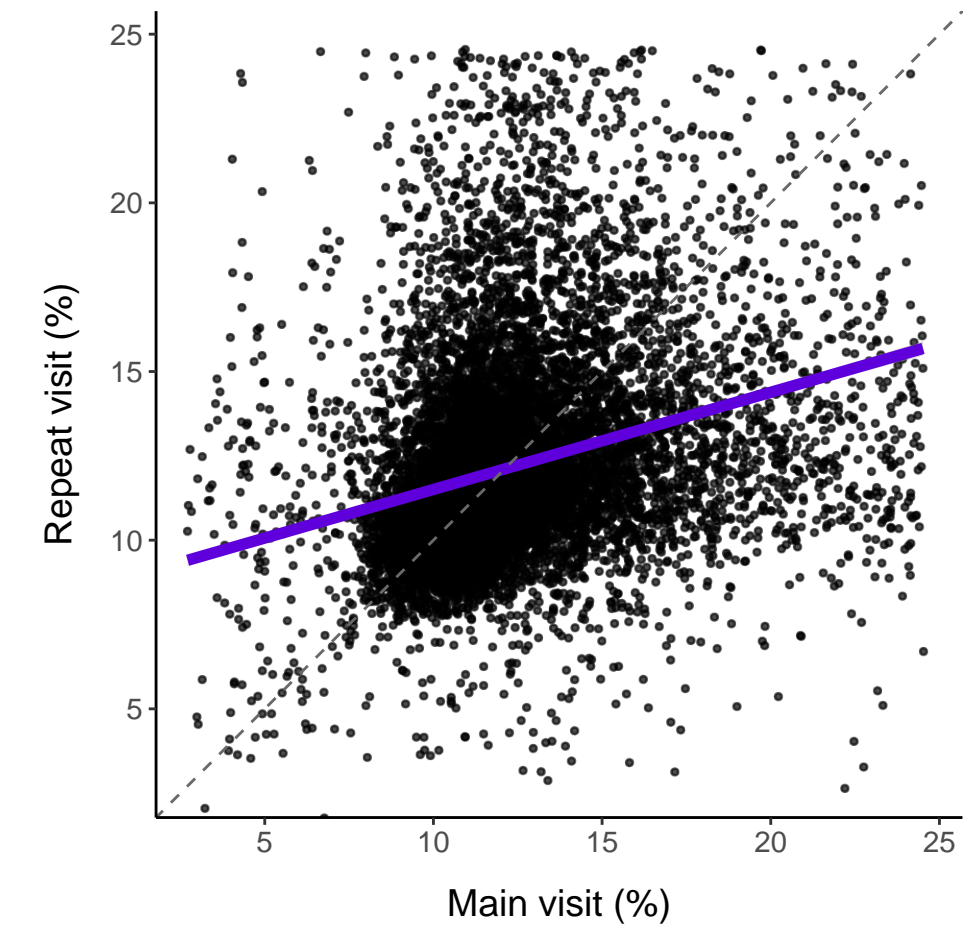
XXL_VLDL_CE_pct

R: 0.23
 $y = 11.31 + 0.23x$



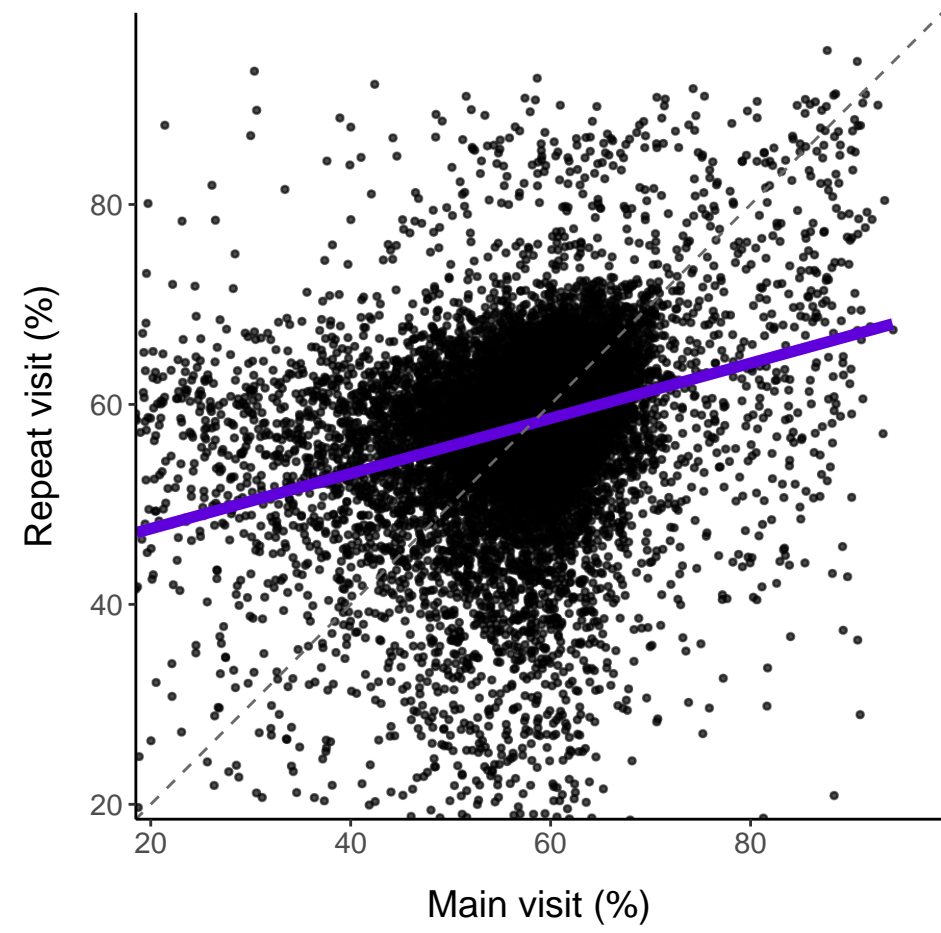
XXL_VLDL_FC_pct

R: 0.29
 $y = 8.62 + 0.29x$



XXL_VLDL_TG_pct

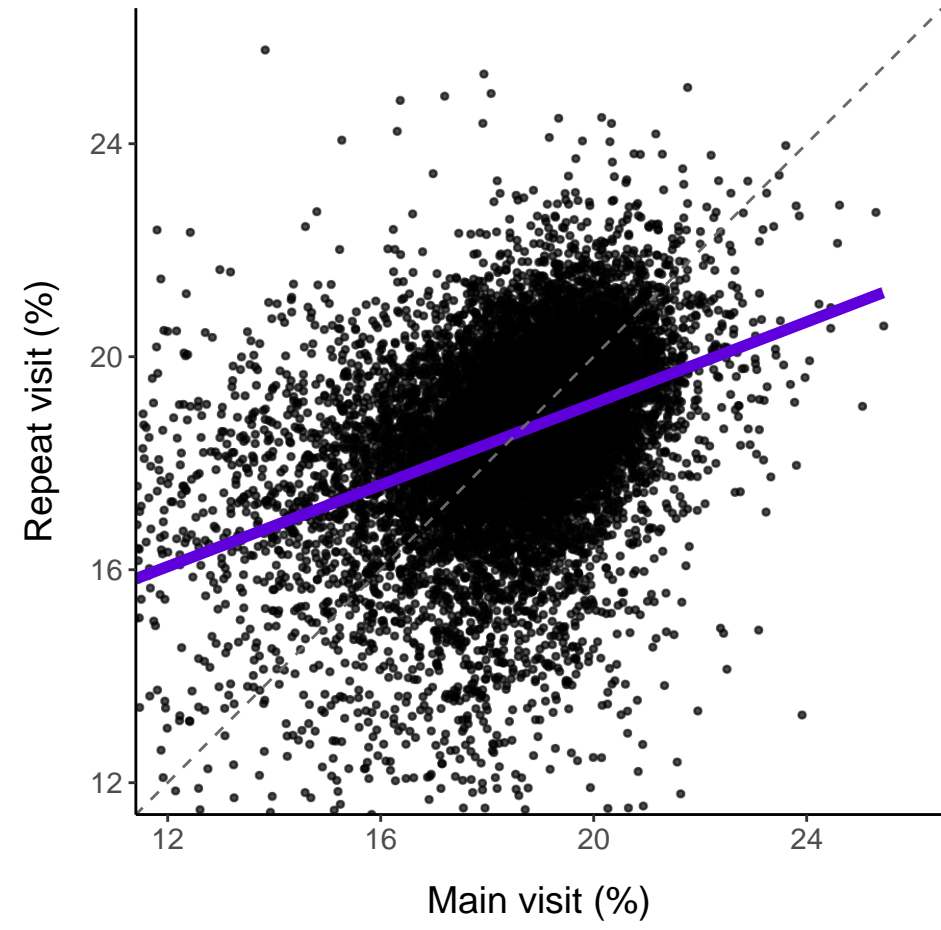
R: 0.29
 $y = 42.05 + 0.28x$



Very large VLDL ratios

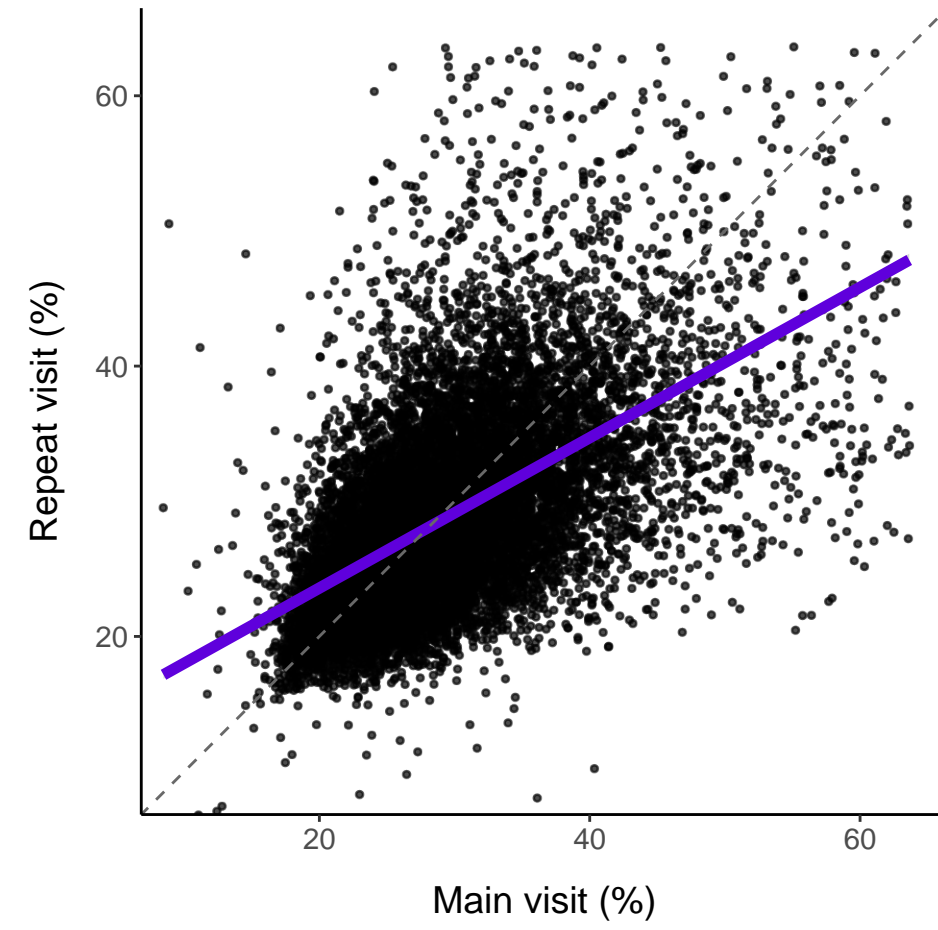
XL_VLDL_PL_pct

R: 0.39
 $y = 11.46 + 0.38x$



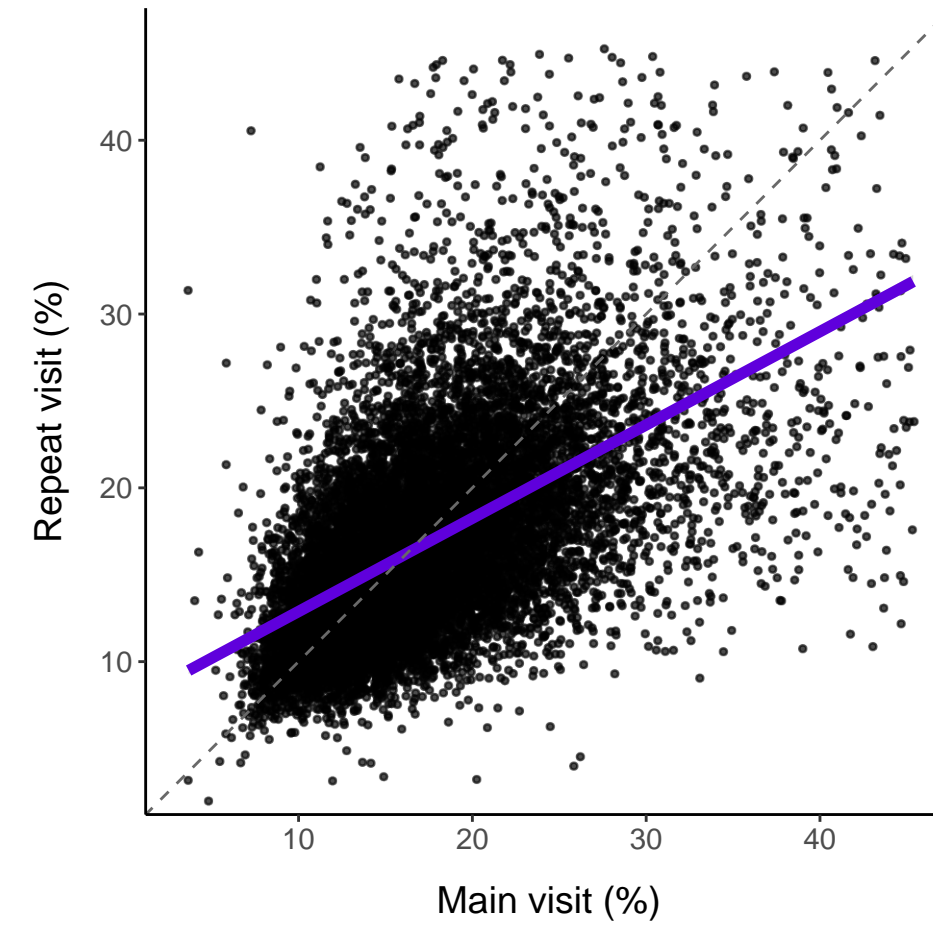
XL_VLDL_C_pct

R: 0.57
 $y = 12.45 + 0.56x$



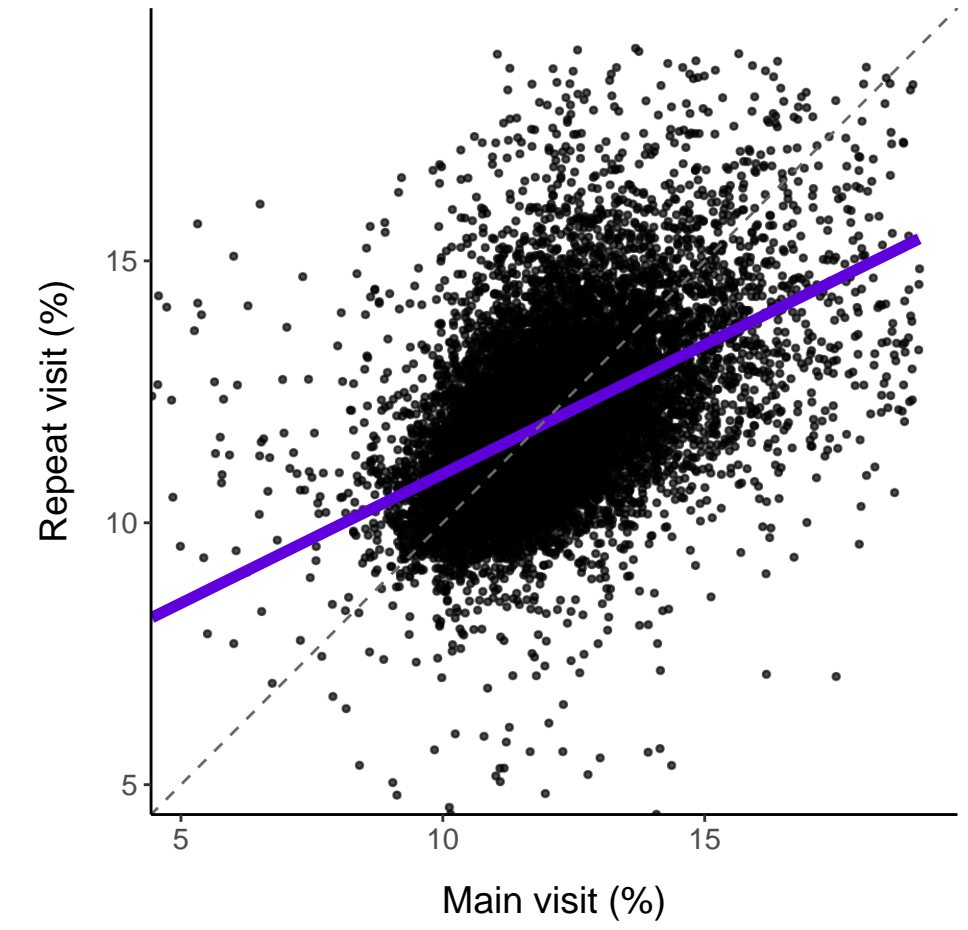
XL_VLDL_CE_pct

R: 0.55
 $y = 7.52 + 0.54x$



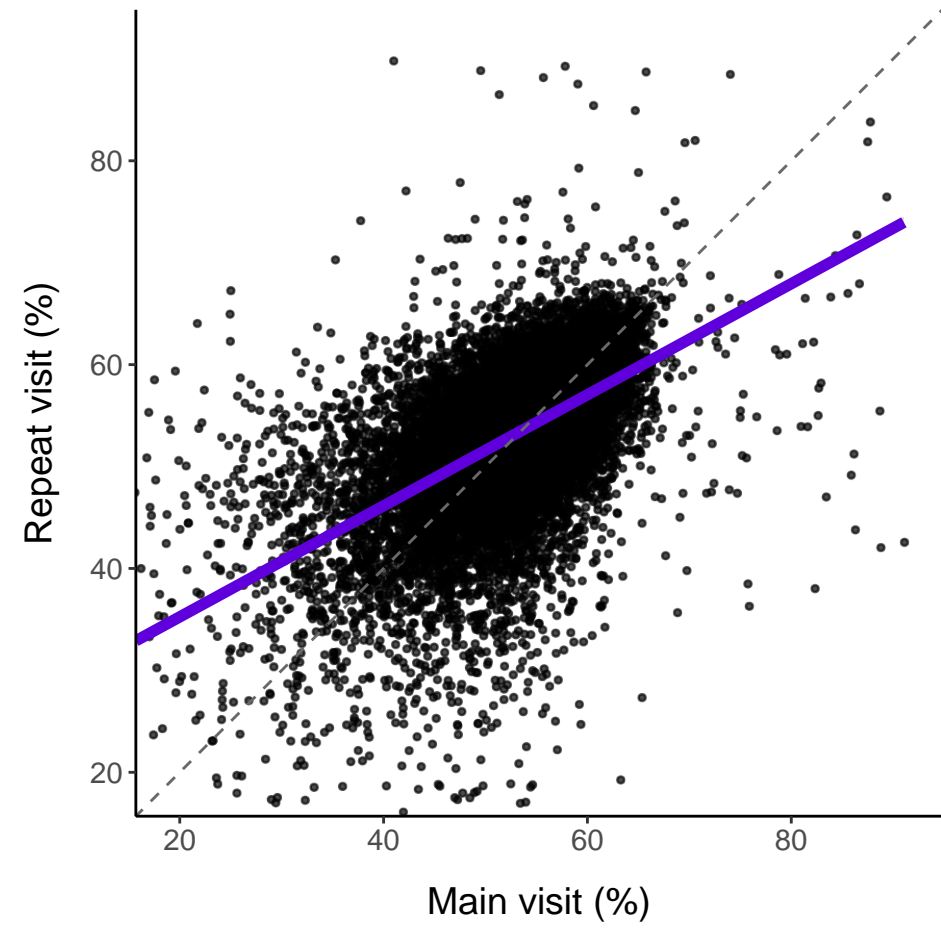
XL_VLDL_FC_pct

R: 0.49
 $y = 6.00 + 0.49x$



XL_VLDL_TG_pct

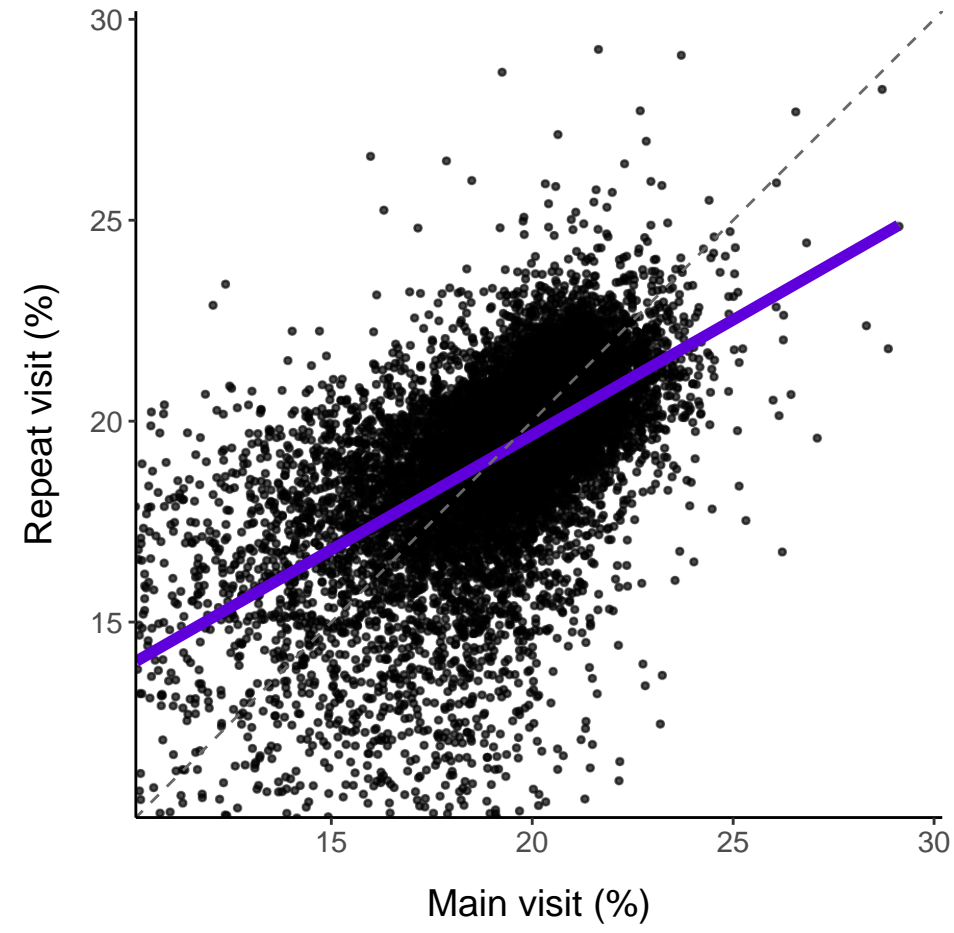
R: 0.55
 $y = 24.35 + 0.54x$



Large VLDL ratios

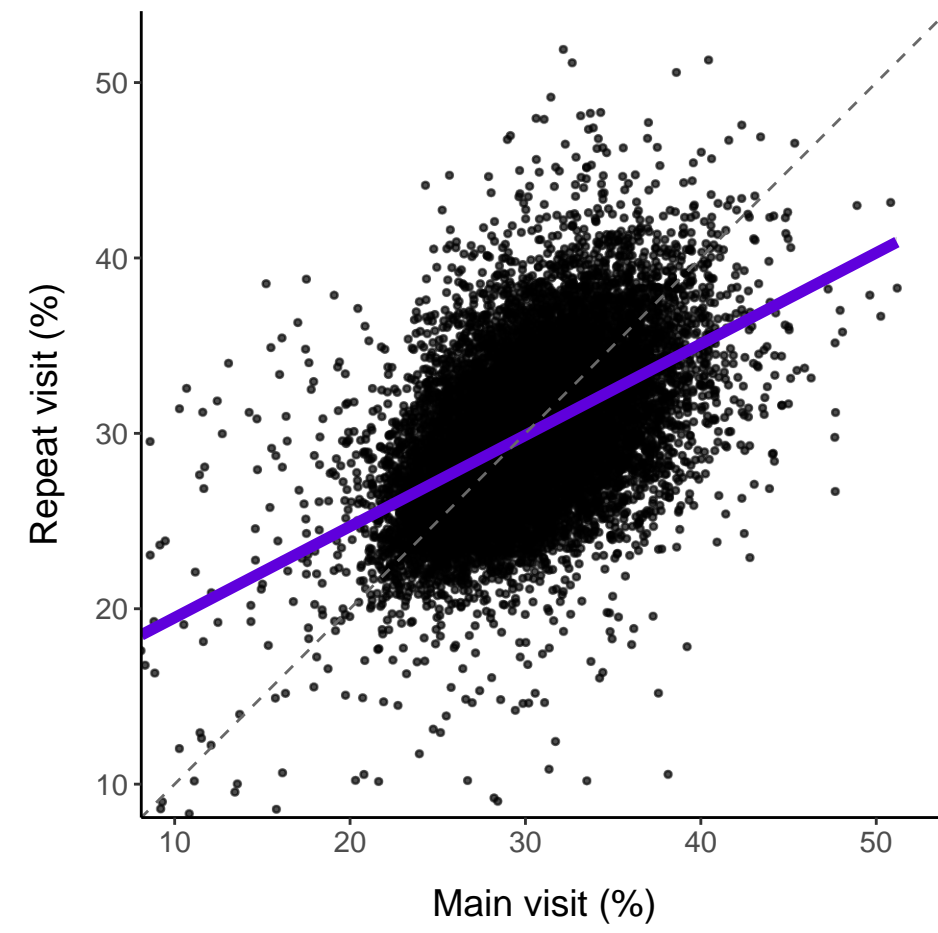
L_VLDL_PL_pct

R: 0.58
 $y = 8.22 + 0.57x$



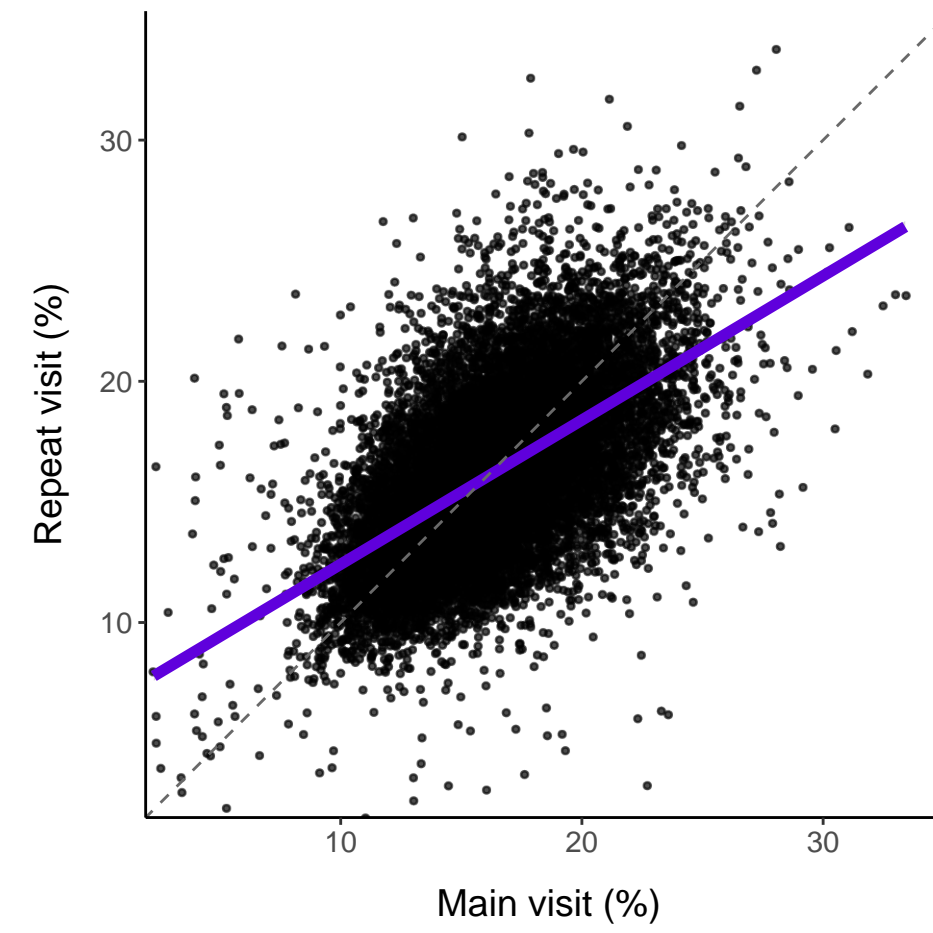
L_VLDL_C_pct

R: 0.5
 $y = 14.29 + 0.52x$



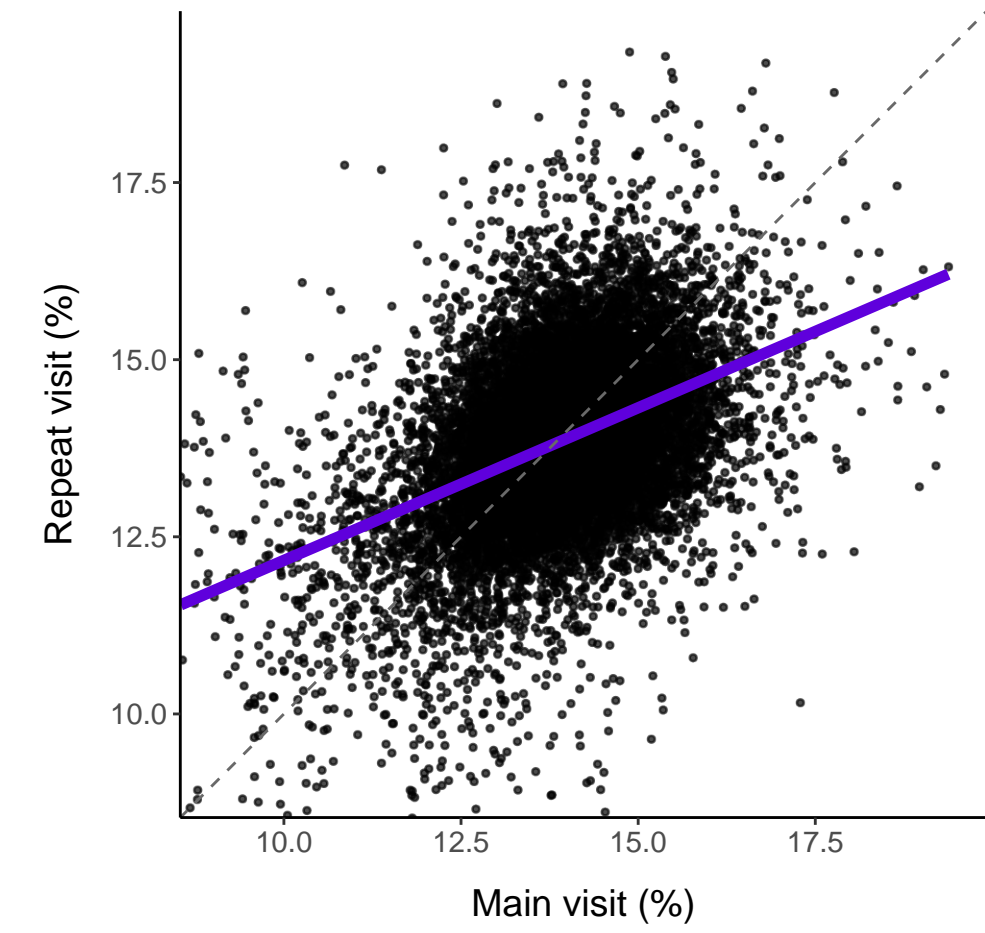
L_VLDL_CE_pct

R: 0.58
 $y = 6.44 + 0.60x$



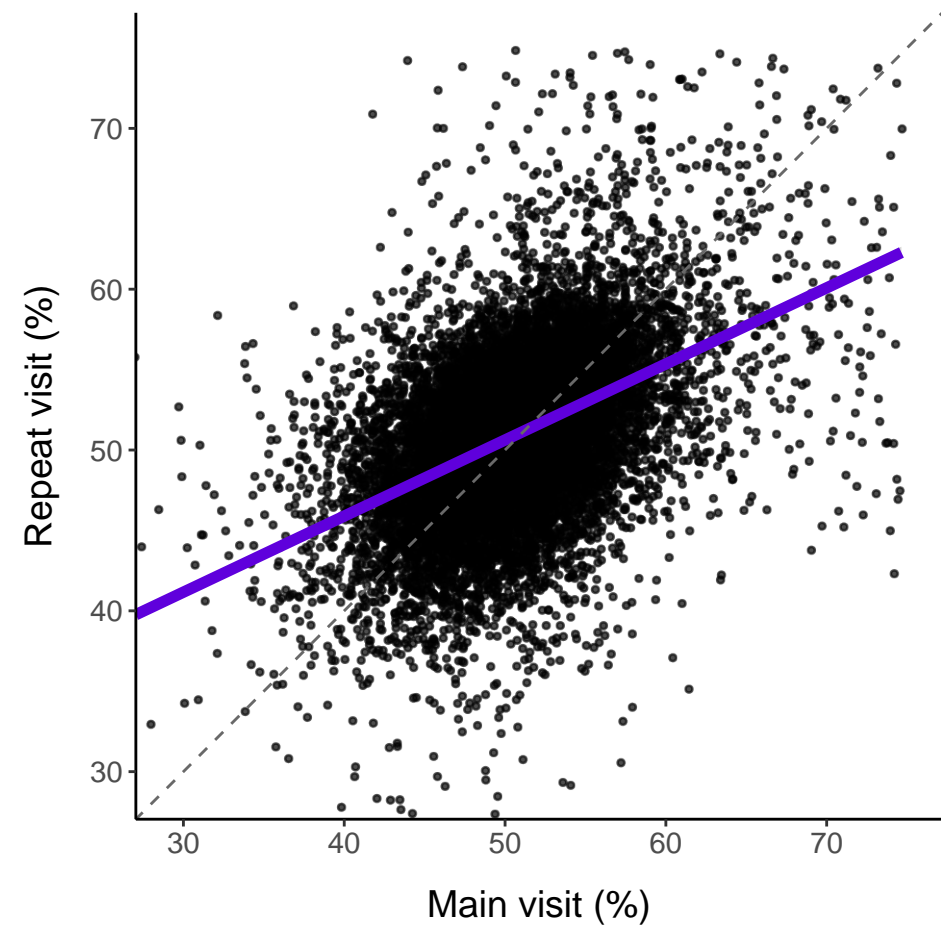
L_VLDL_FC_pct

R: 0.42
 $y = 7.86 + 0.43x$



L_VLDL_TG_pct

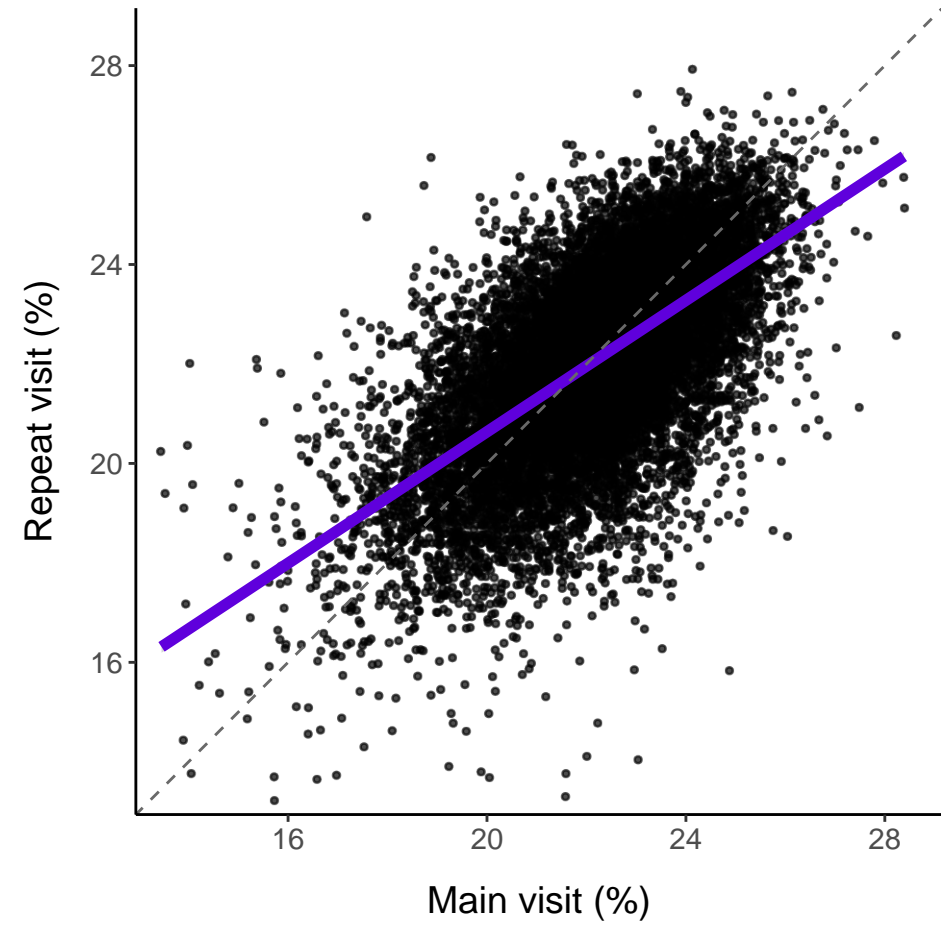
R: 0.46
 $y = 26.97 + 0.47x$



Medium VLDL ratios

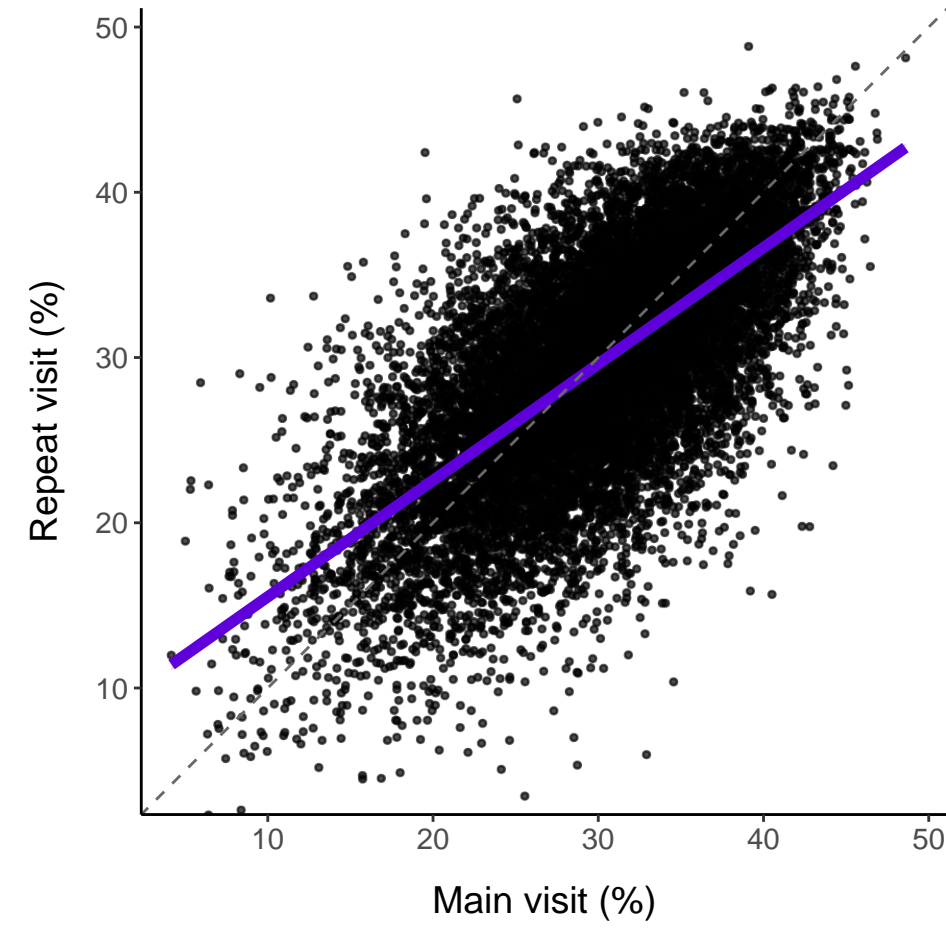
M_VLDL_PL_pct

R: 0.63
 $y = 7.42 + 0.66x$



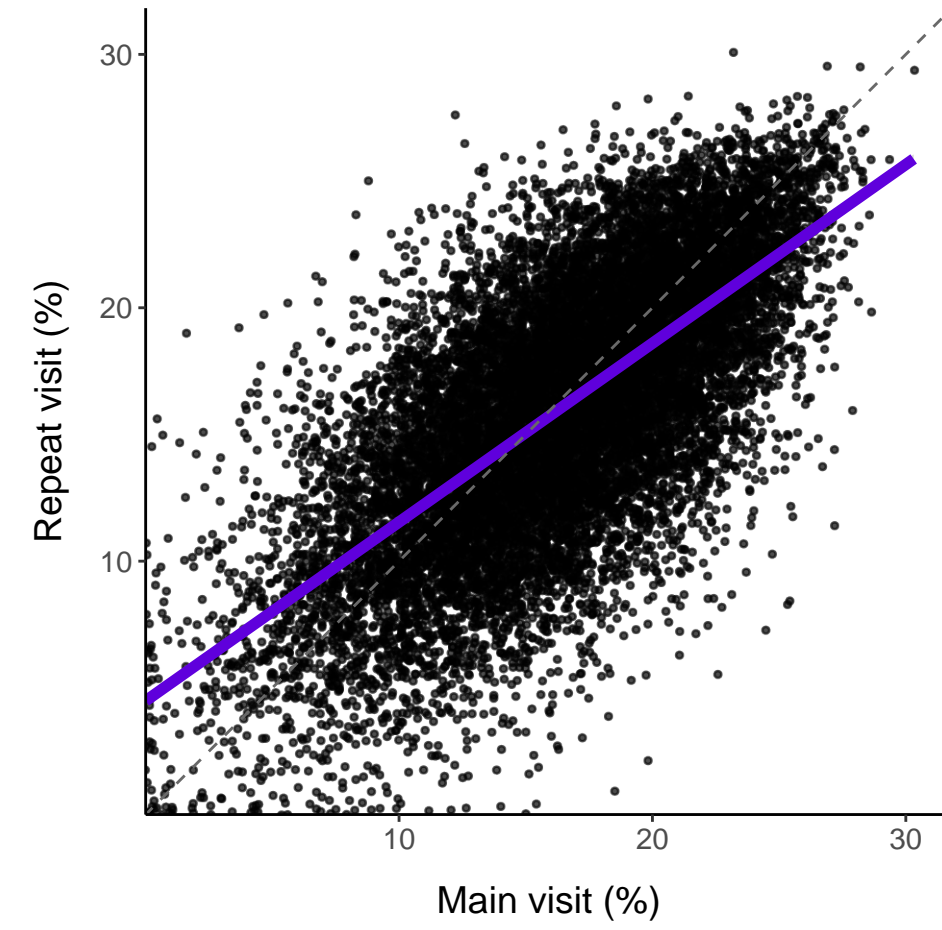
M_VLDL_C_pct

R: 0.68
 $y = 8.48 + 0.70x$



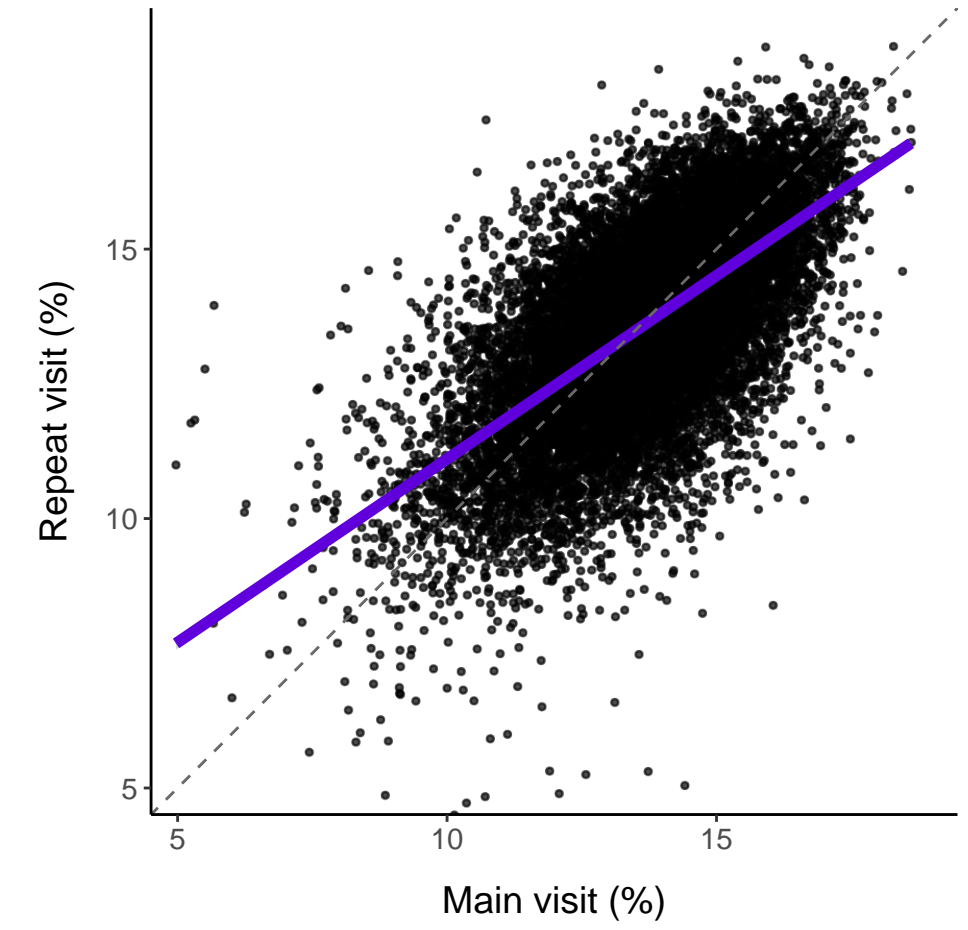
M_VLDL_CE_pct

R: 0.69
 $y = 4.49 + 0.71x$



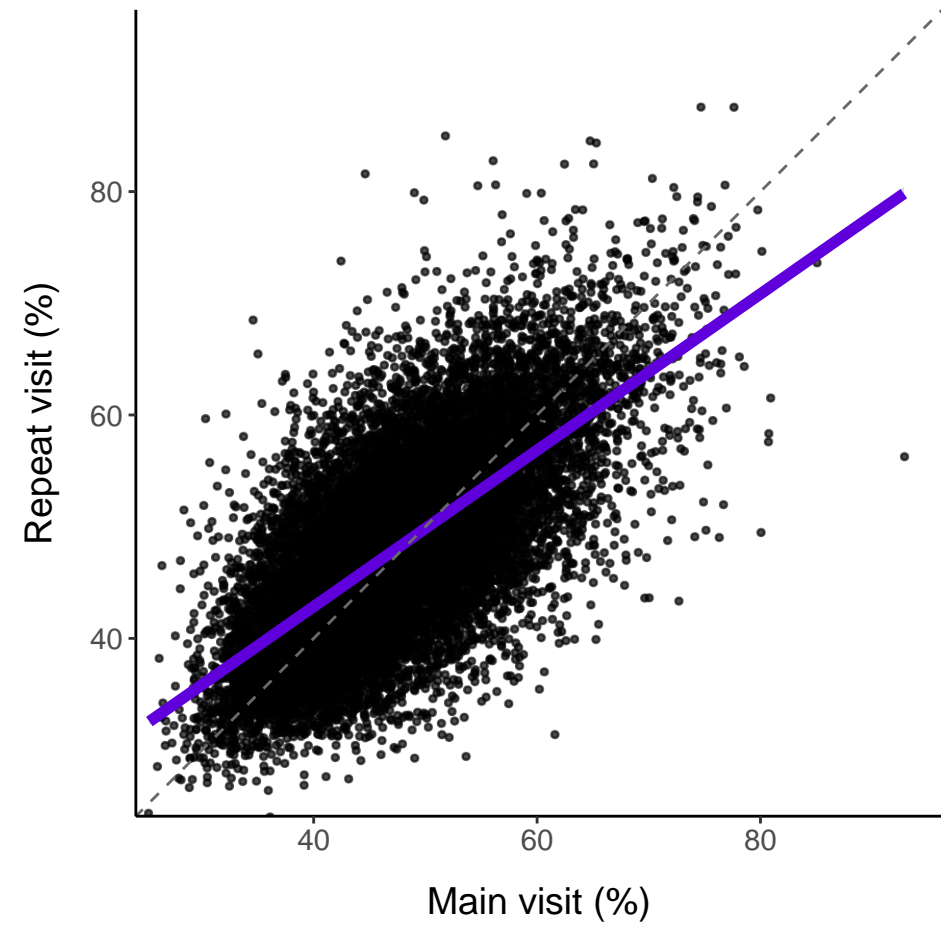
M_VLDL_FC_pct

R: 0.64
 $y = 4.30 + 0.68x$



M_VLDL_TG_pct

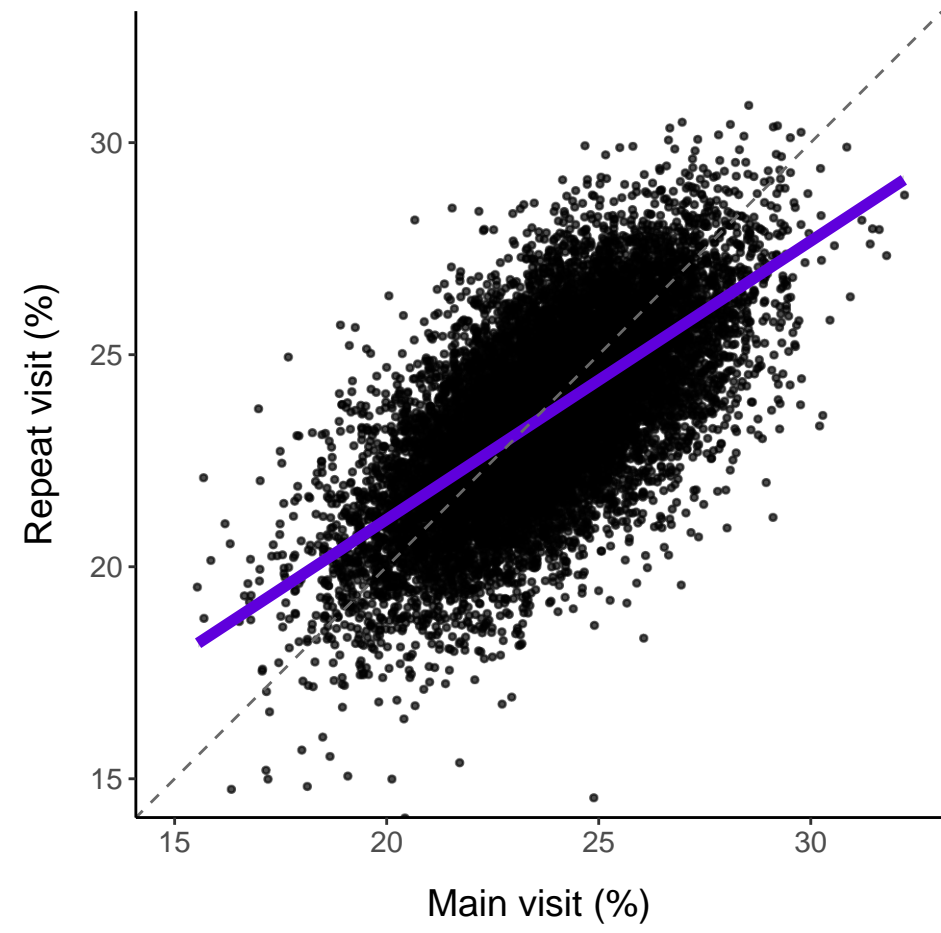
R: 0.67
 $y = 14.86 + 0.70x$



Small VLDL ratios

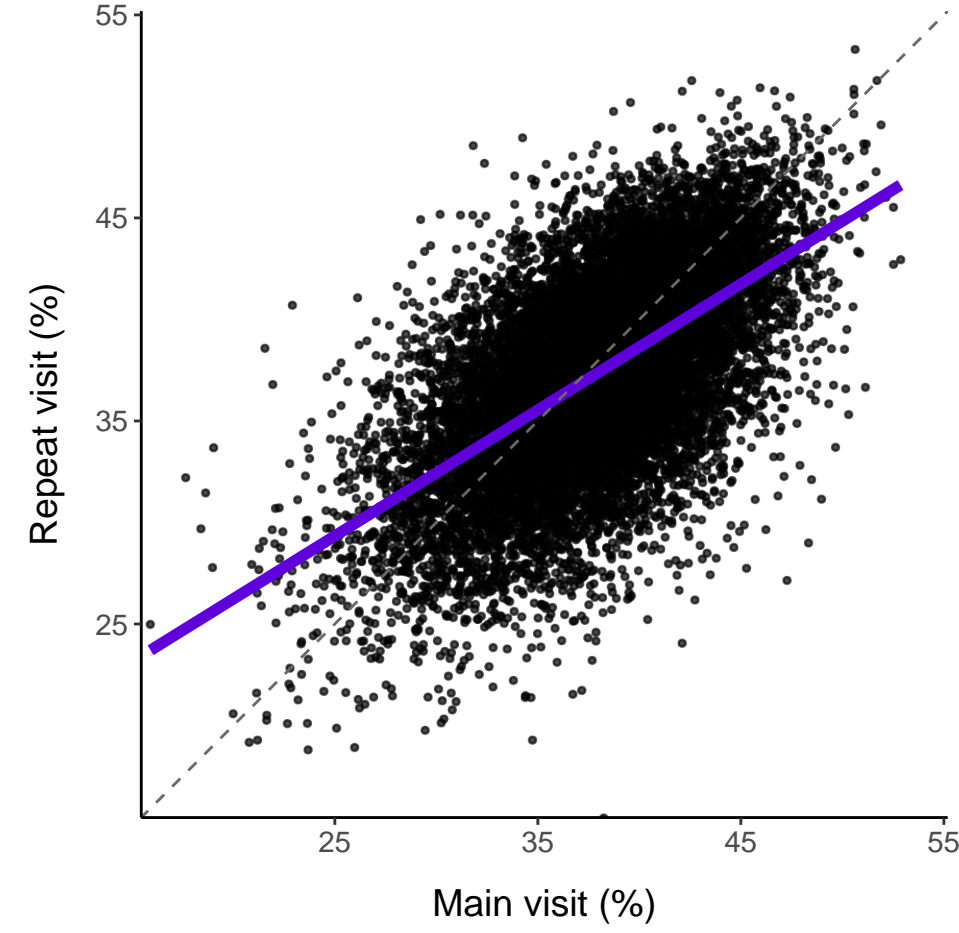
S_VLDL_PL_pct

R: 0.66
 $y = 7.98 + 0.66x$



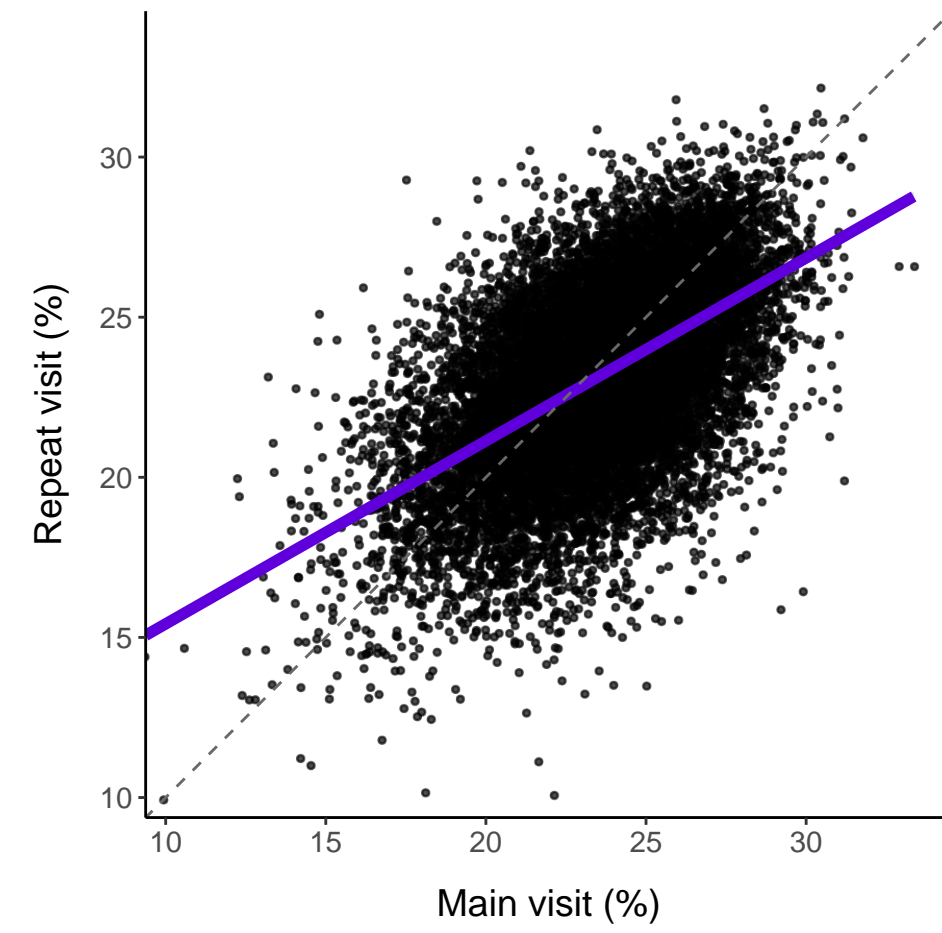
S_VLDL_C_pct

R: 0.6
 $y = 13.83 + 0.62x$



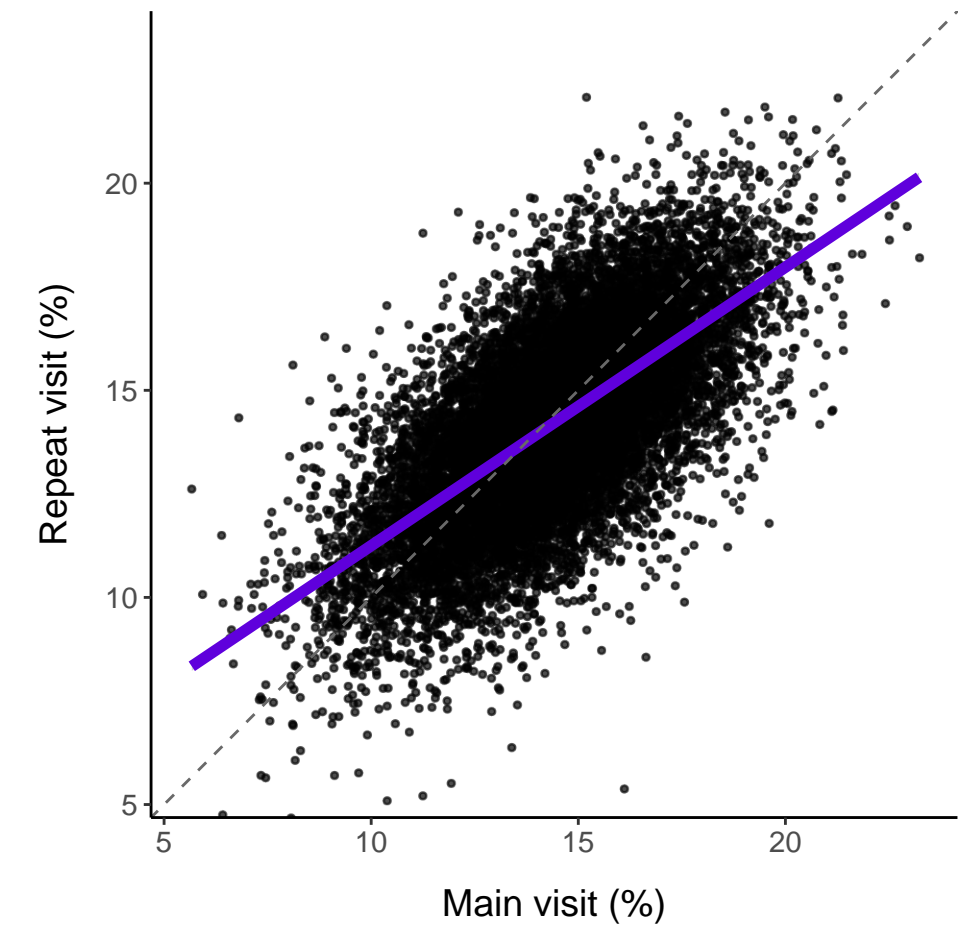
S_VLDL_CE_pct

R: 0.55
 $y = 9.71 + 0.57x$



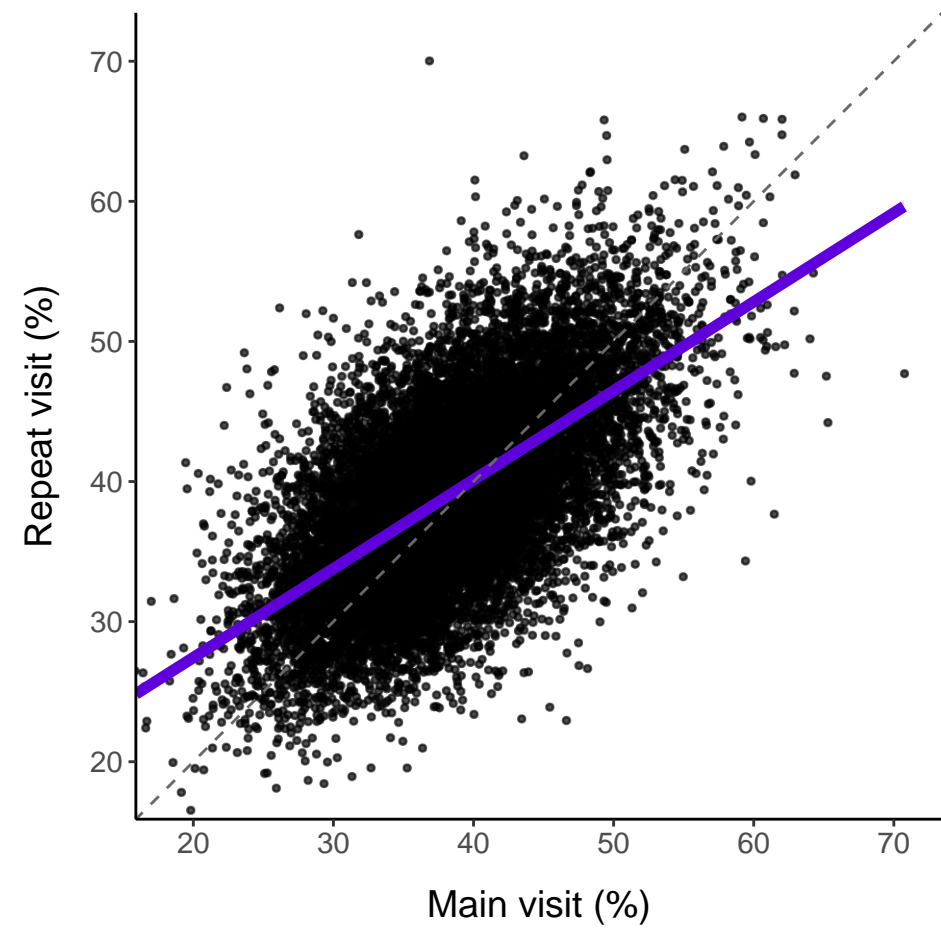
S_VLDL_FC_pct

R: 0.66
 $y = 4.52 + 0.67x$



S_VLDL_TG_pct

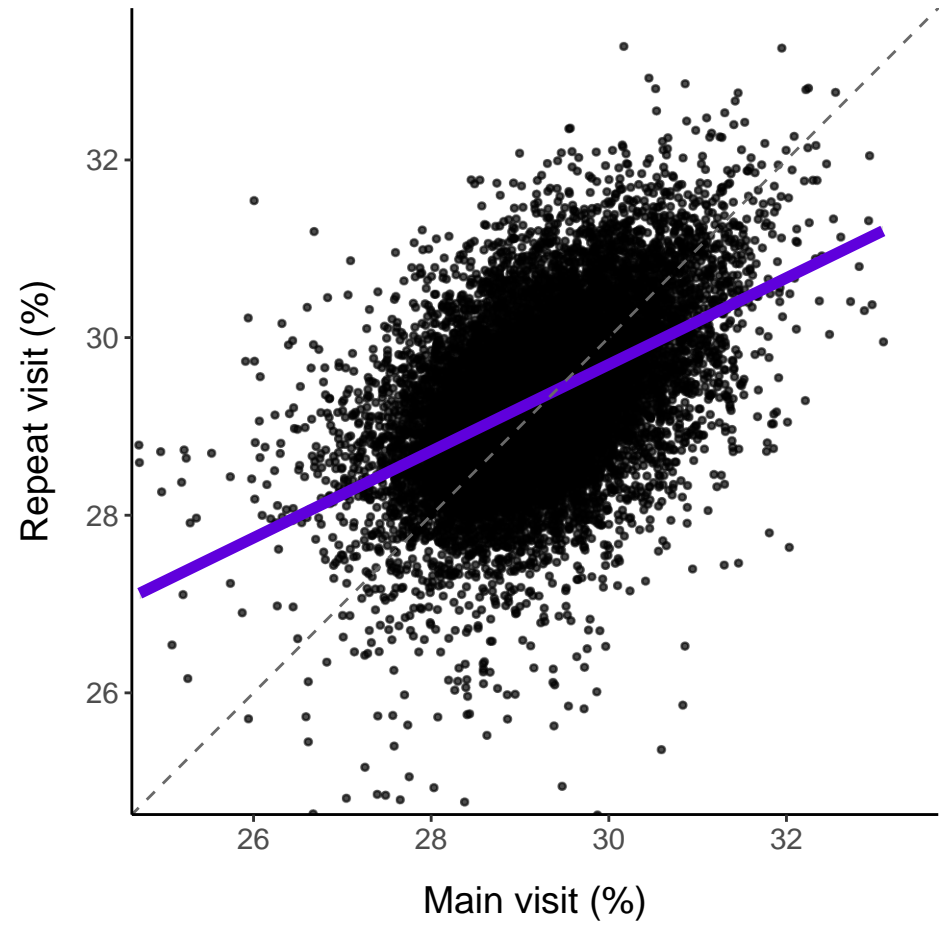
R: 0.62
 $y = 14.74 + 0.63x$



Very small VLDL ratios

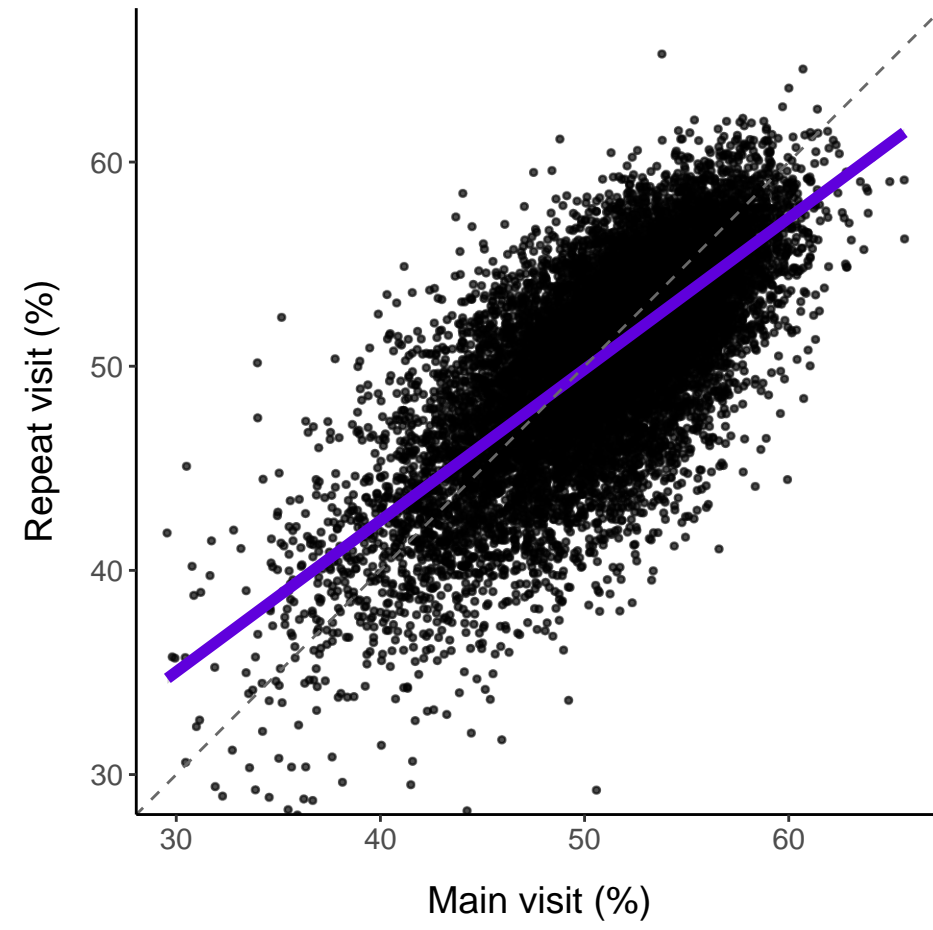
XS_VLDL_PL_pct

R: 0.48
 $y = 15.07 + 0.49x$



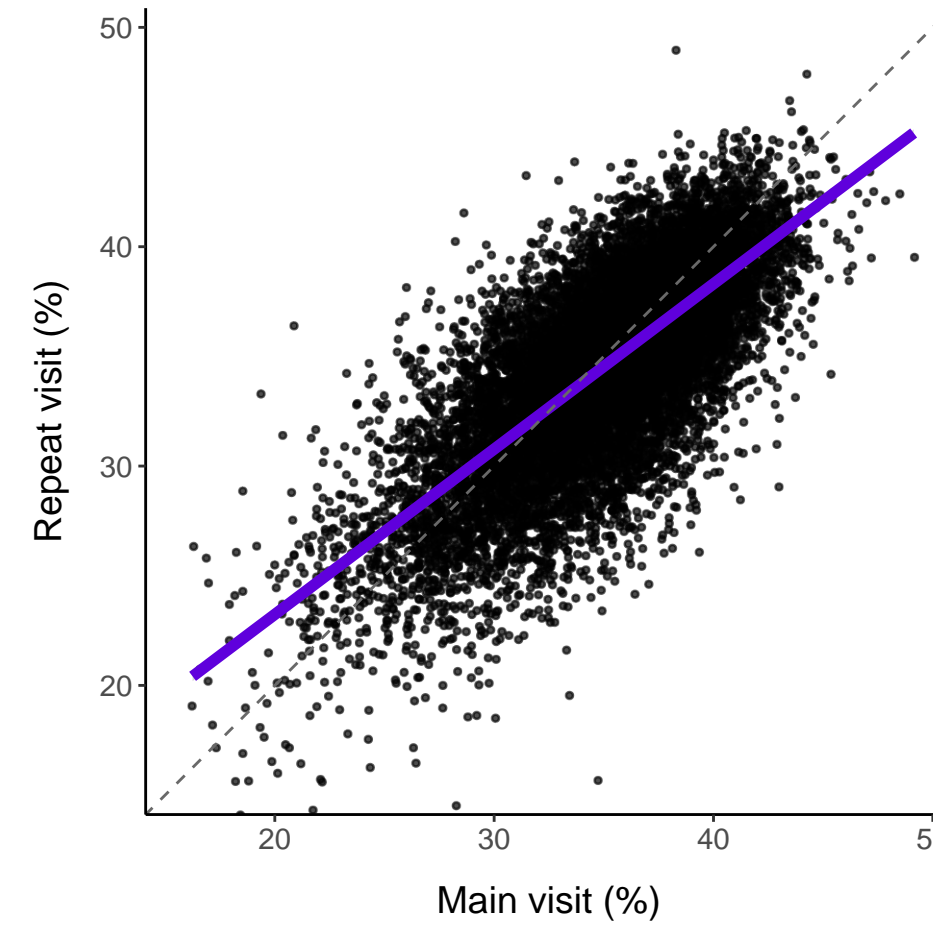
XS_VLDL_C_pct

R: 0.72
 $y = 12.81 + 0.74x$



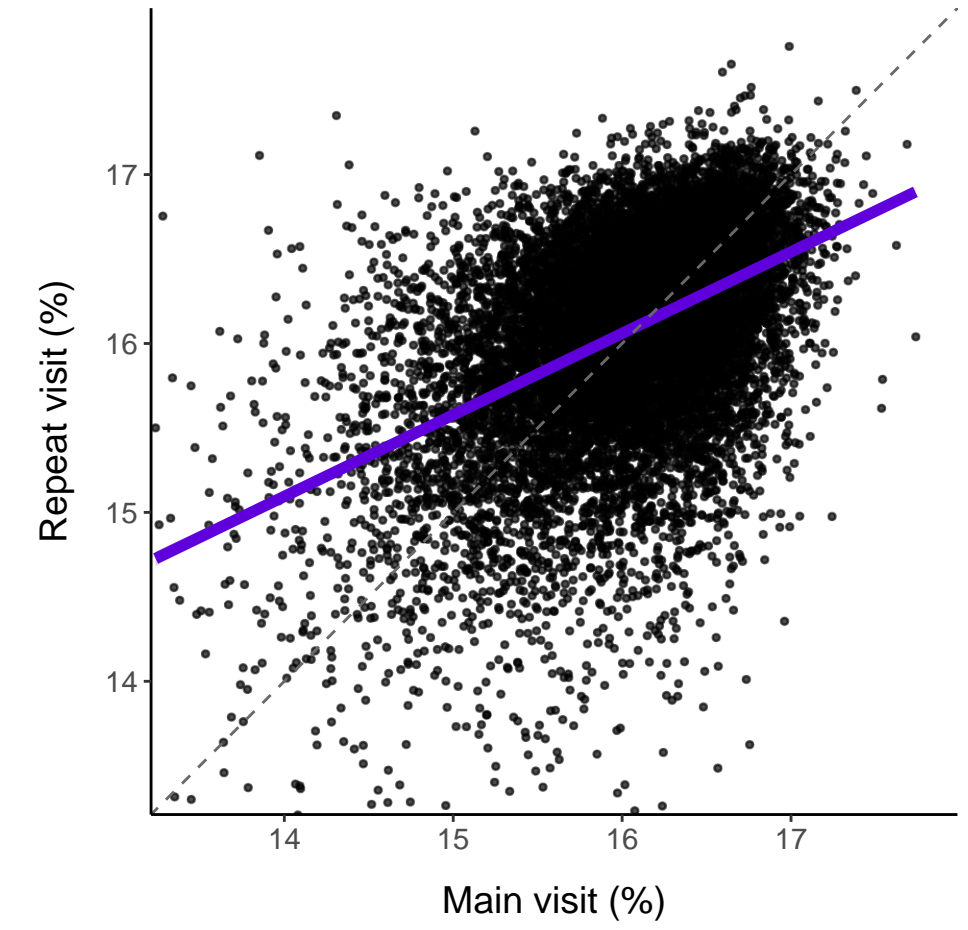
XS_VLDL_CE_pct

R: 0.73
 $y = 8.17 + 0.75x$



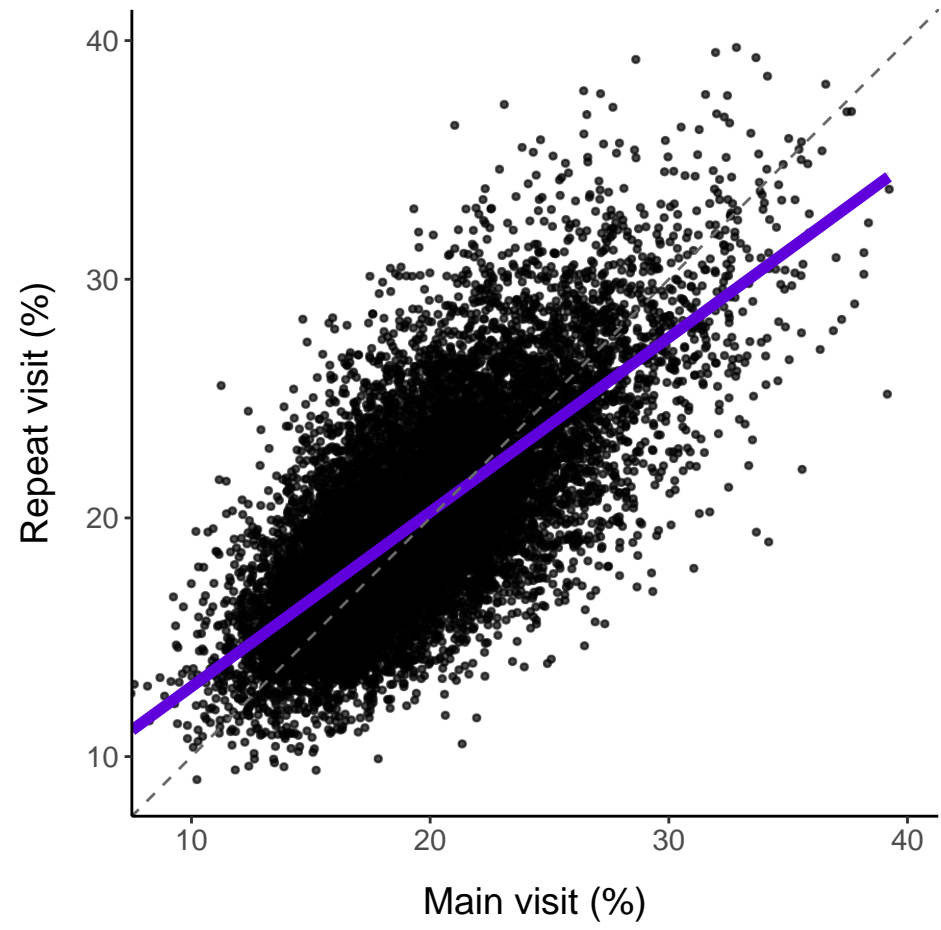
XS_VLDL_FC_pct

R: 0.47
 $y = 8.34 + 0.48x$



XS_VLDL_TG_pct

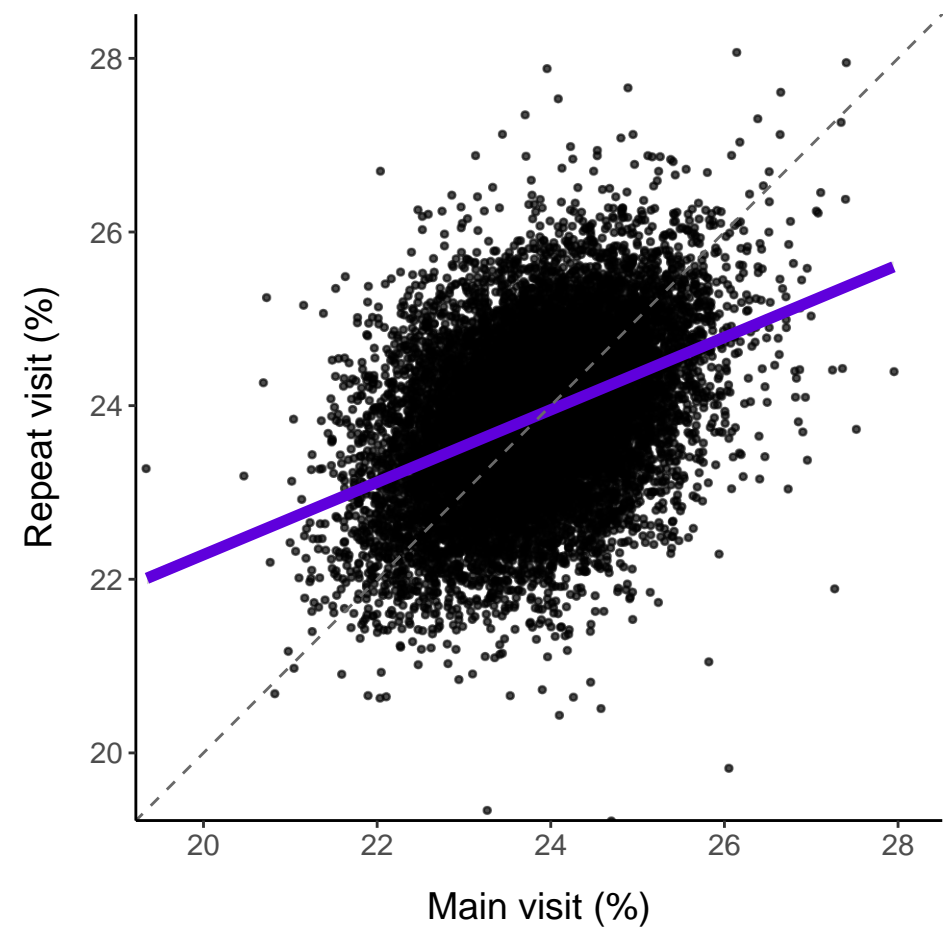
R: 0.71
 $y = 5.62 + 0.73x$



IDL ratios

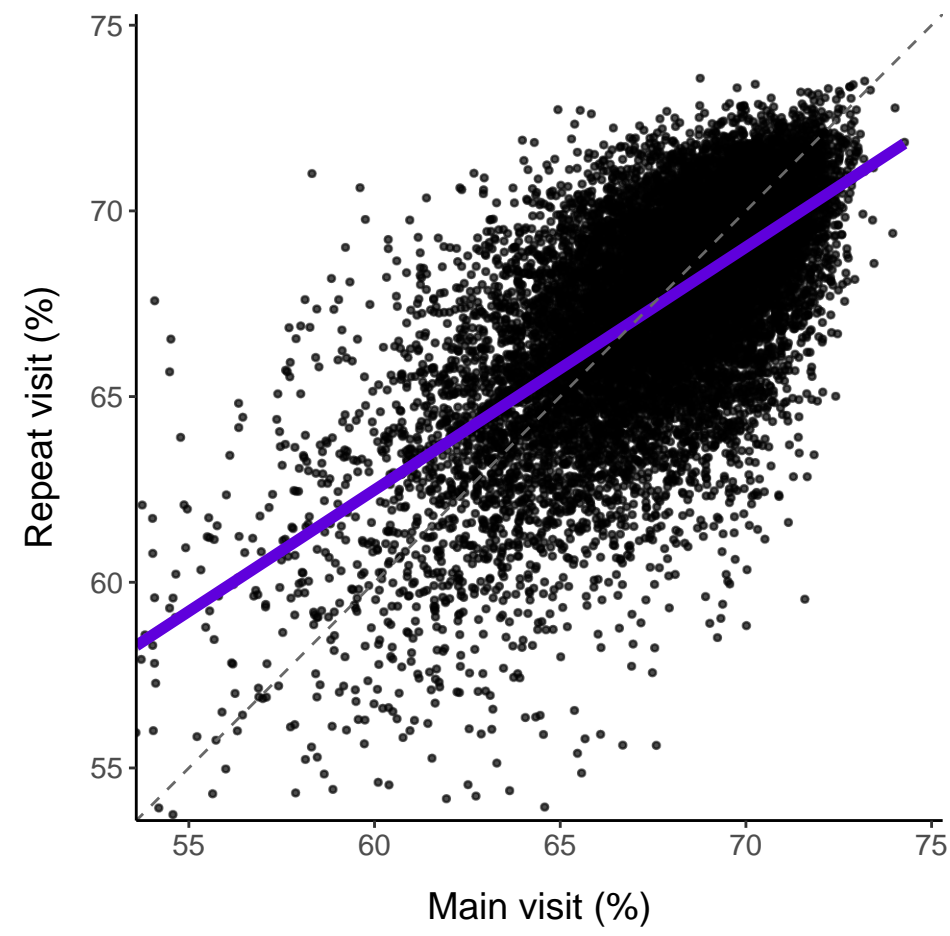
IDL_PL_pct

R: 0.41
 $y = 13.94 + 0.42x$



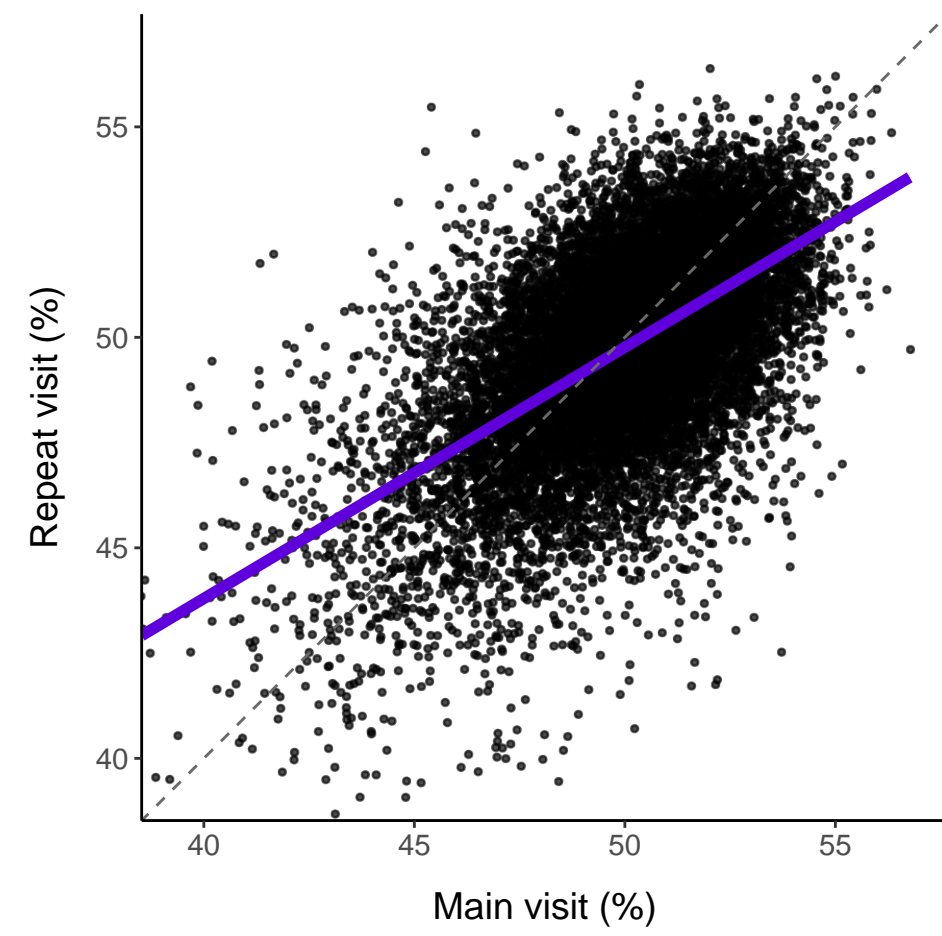
IDL_C_pct

R: 0.65
 $y = 23.26 + 0.65x$



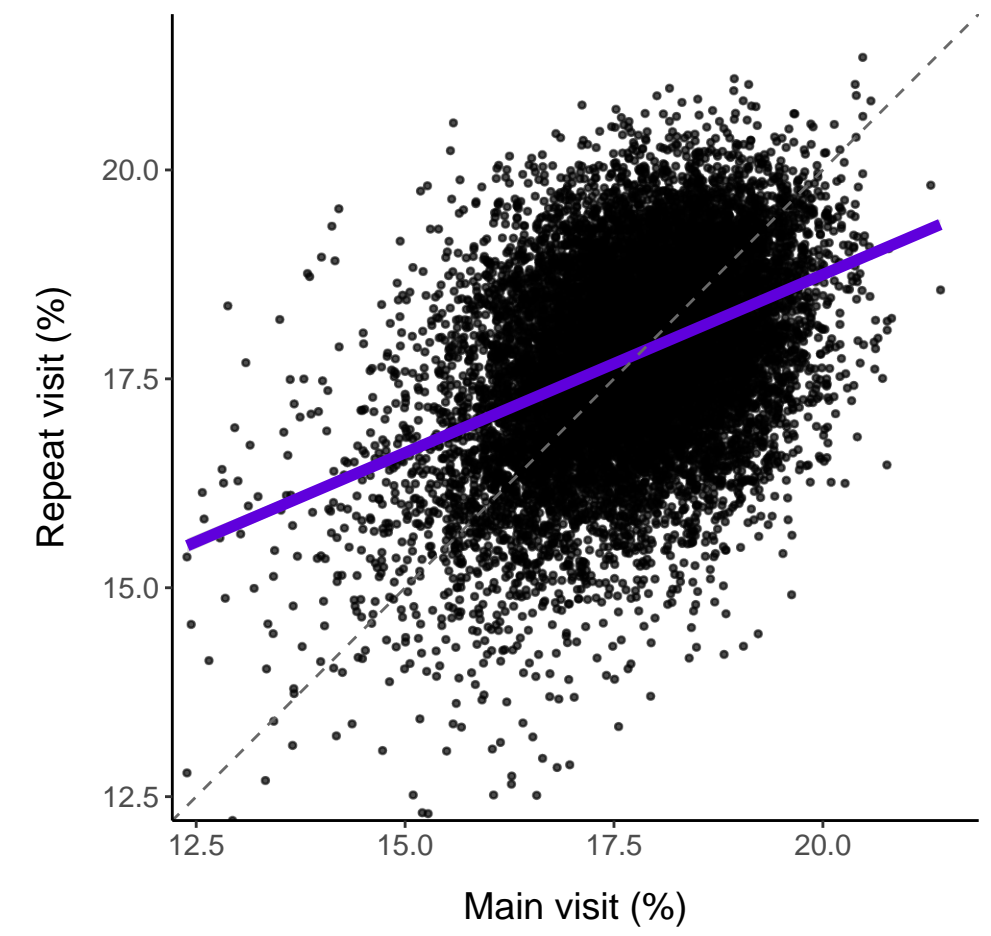
IDL_CE_pct

R: 0.59
 $y = 19.93 + 0.60x$



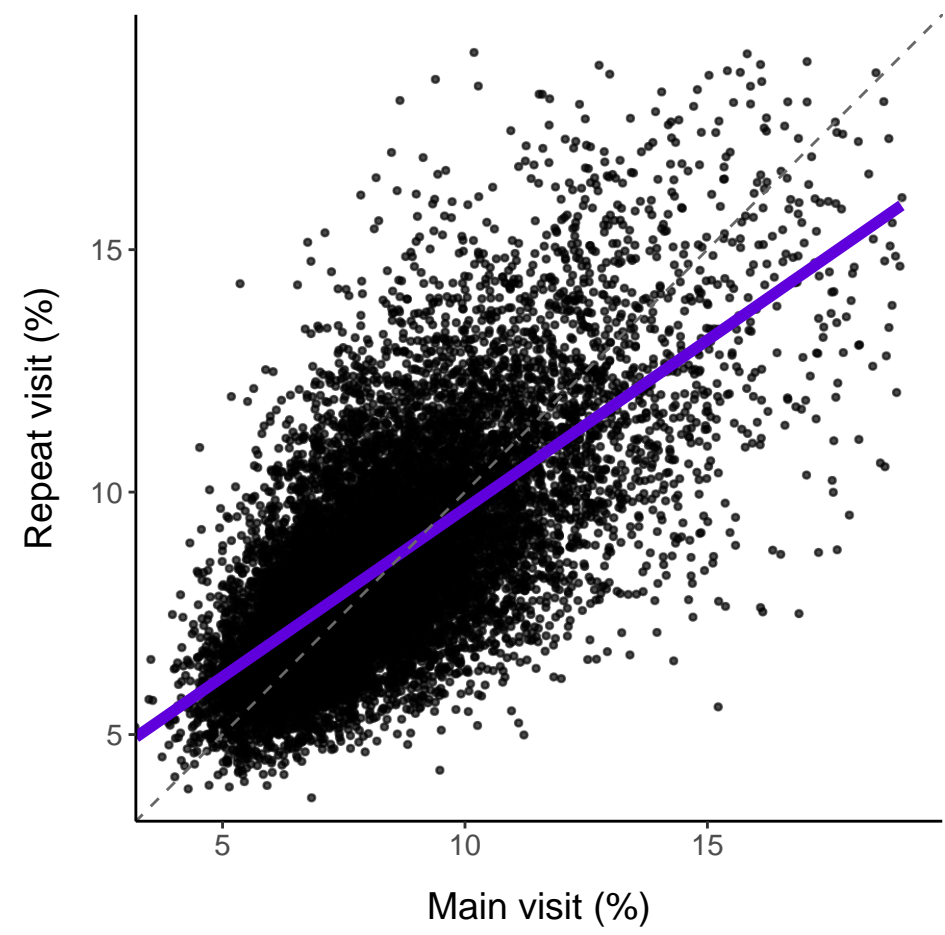
IDL_FC_pct

R: 0.41
 $y = 10.22 + 0.43x$



IDL_TG_pct

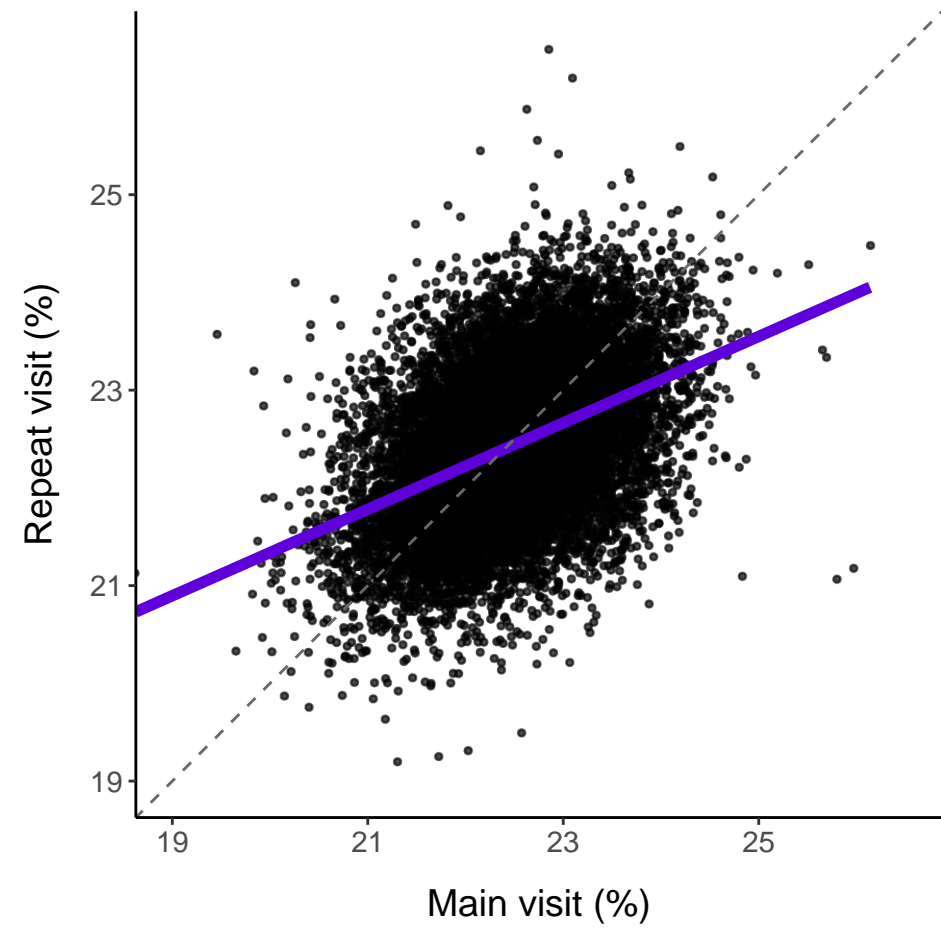
R: 0.69
 $y = 2.71 + 0.69x$



Large LDL ratios

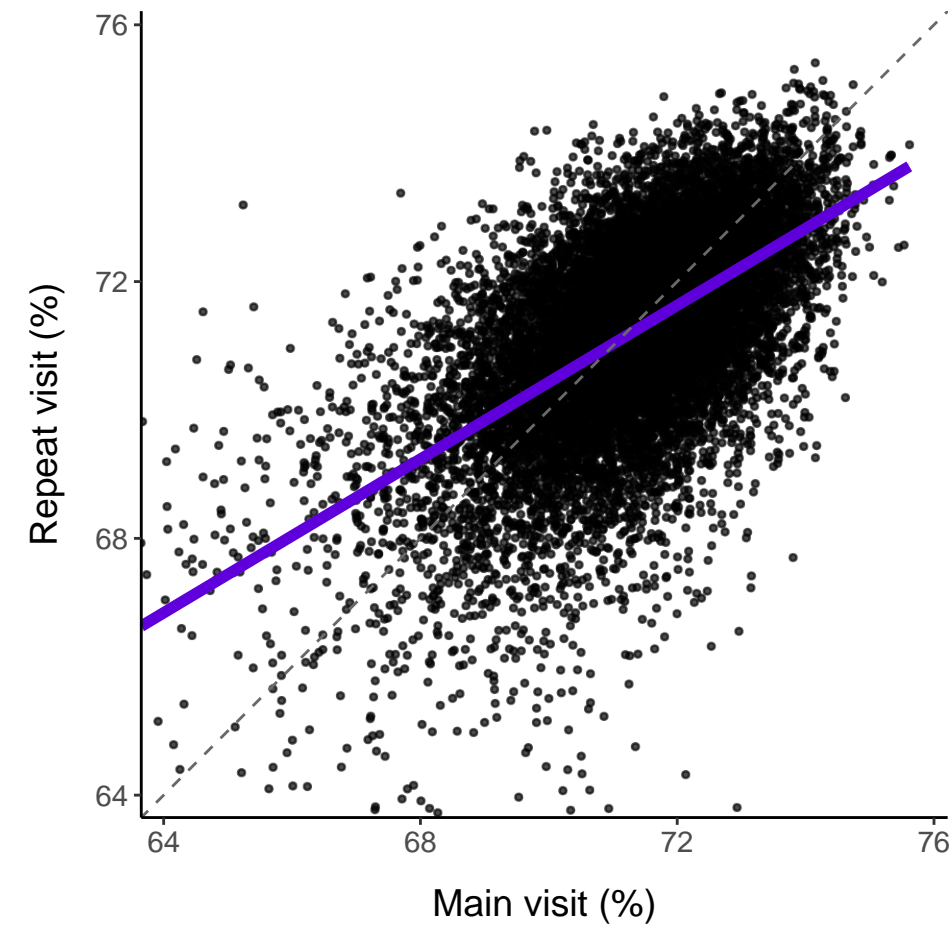
L_LDL_PL_pct

R: 0.43
 $y = 12.49 + 0.44x$



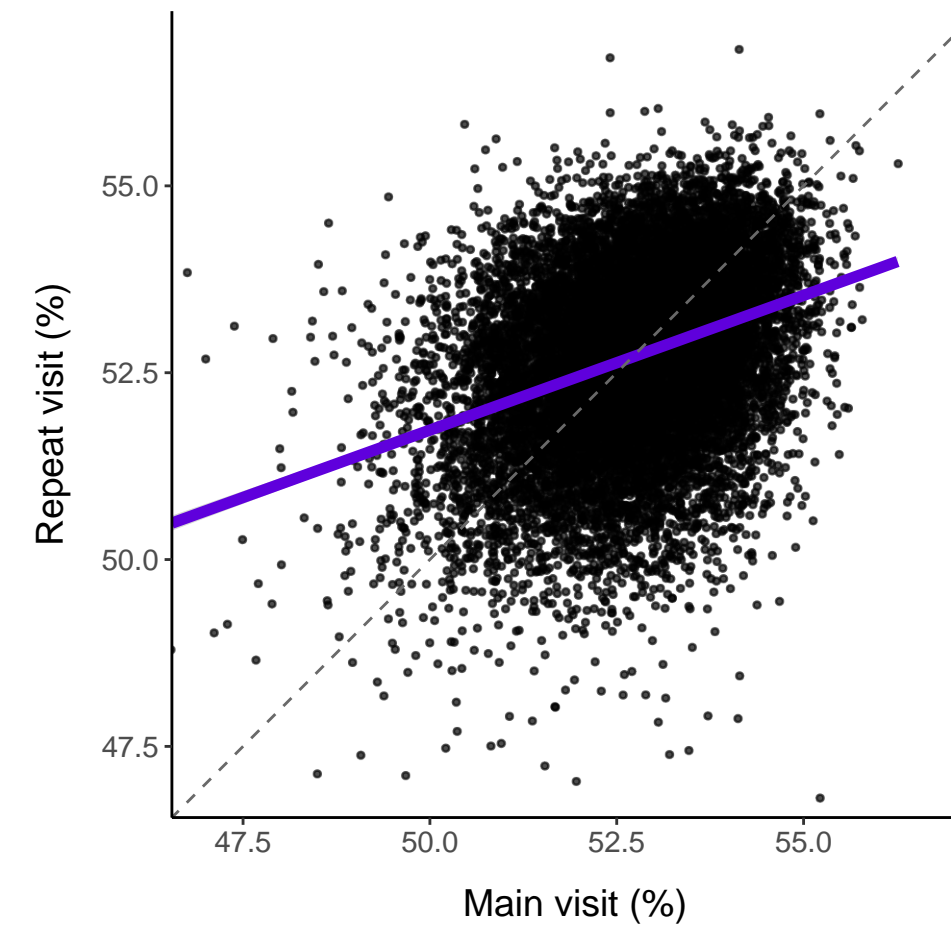
L_LDL_C_pct

R: 0.59
 $y = 28.52 + 0.60x$



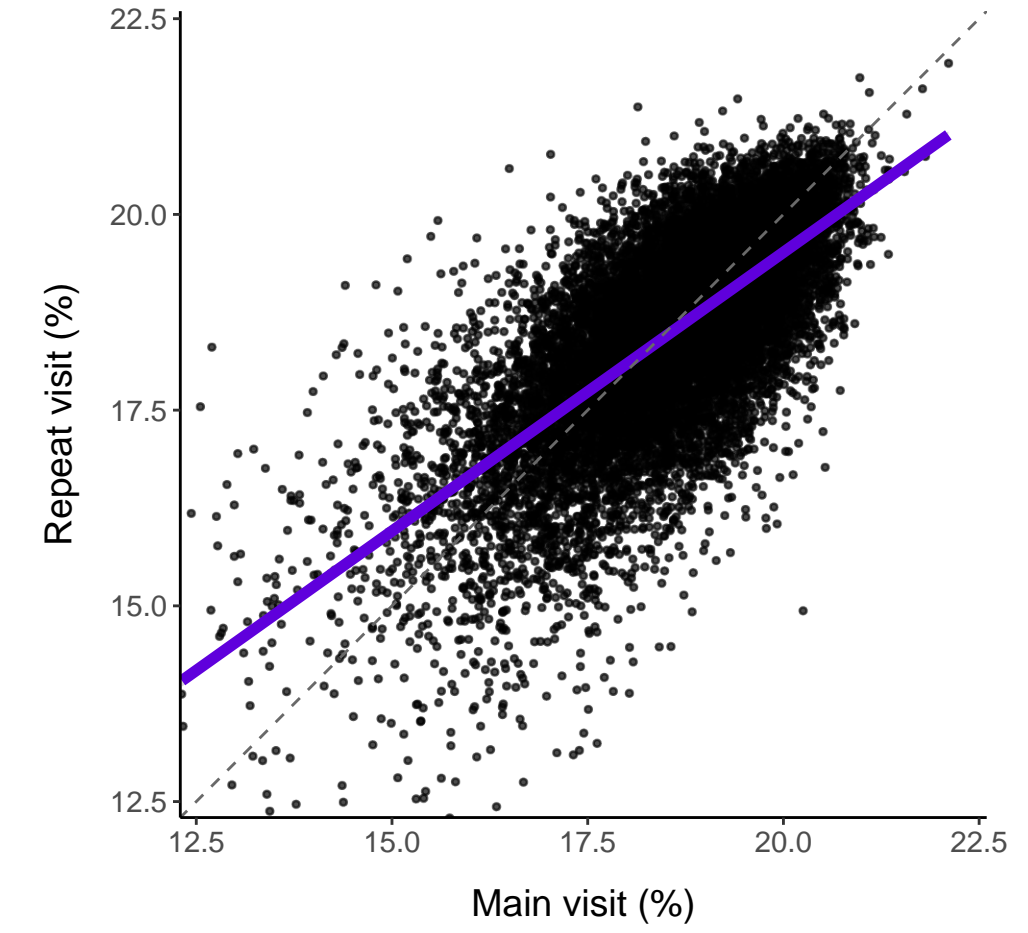
L_LDL_CE_pct

R: 0.34
 $y = 33.71 + 0.36x$



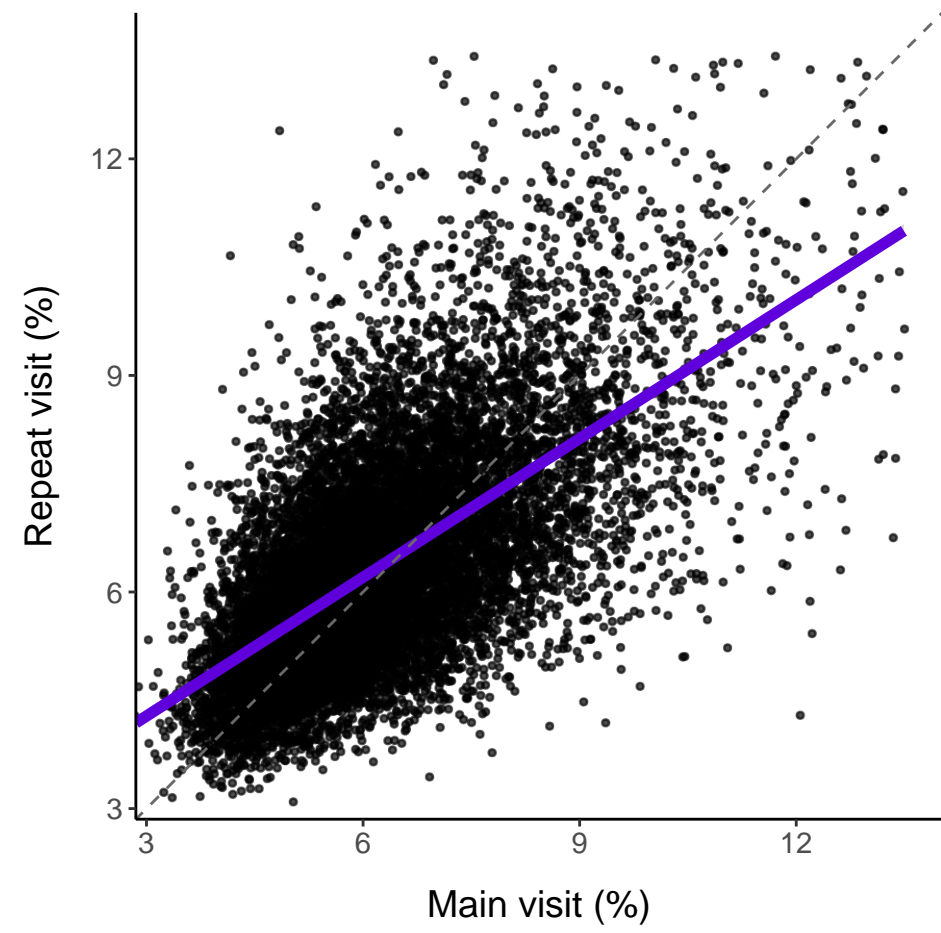
L_LDL_FC_pct

R: 0.7
 $y = 5.27 + 0.71x$



L_LDL_TG_pct

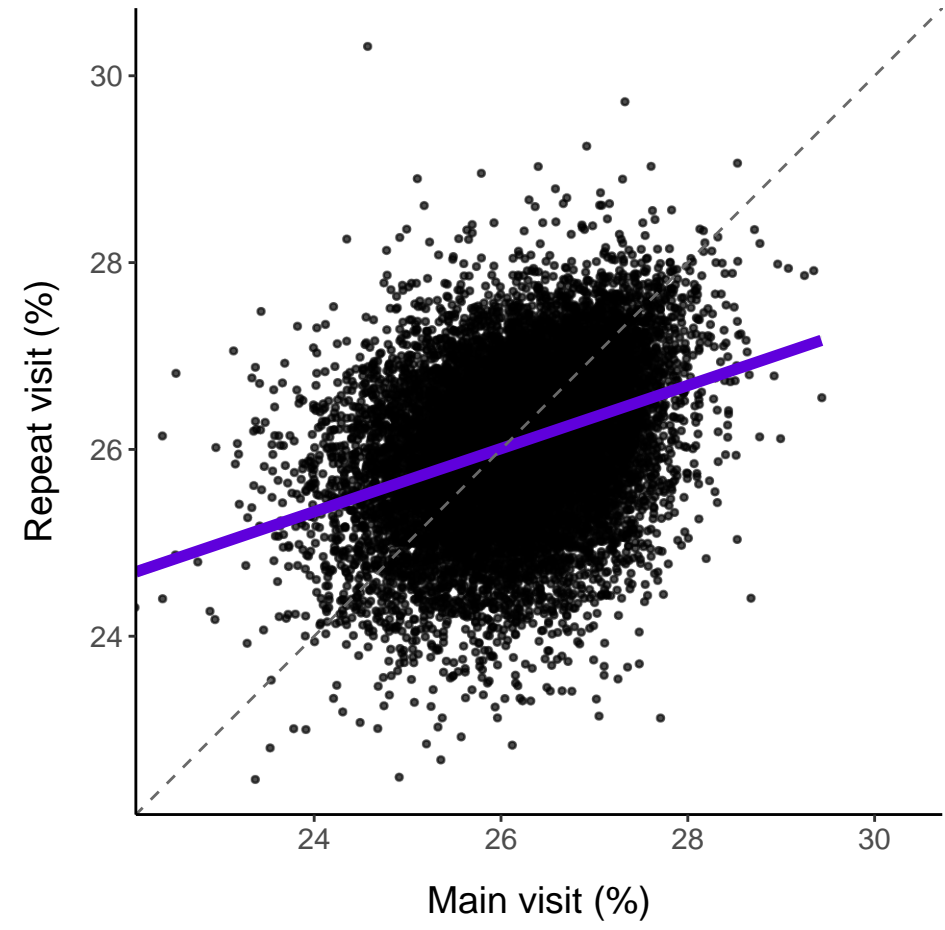
R: 0.63
 $y = 2.36 + 0.64x$



Medium LDL ratios

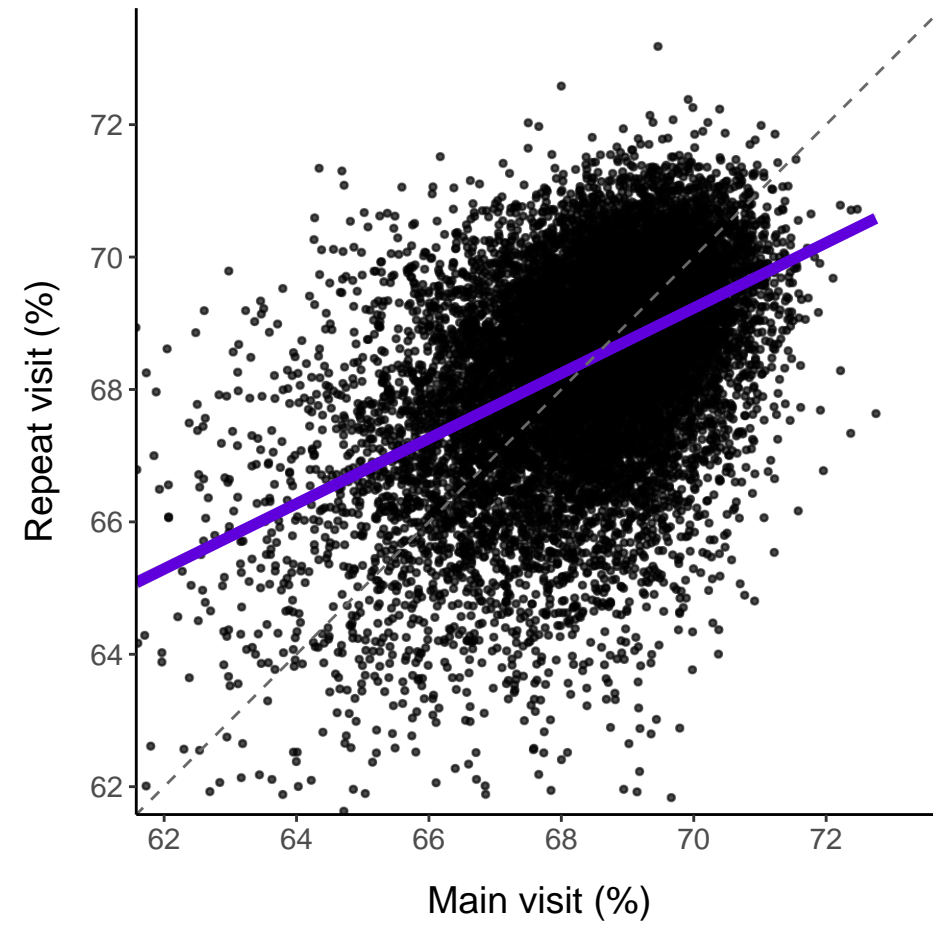
M_LDL_PL_pct

R: 0.34
 $y = 17.22 + 0.34x$



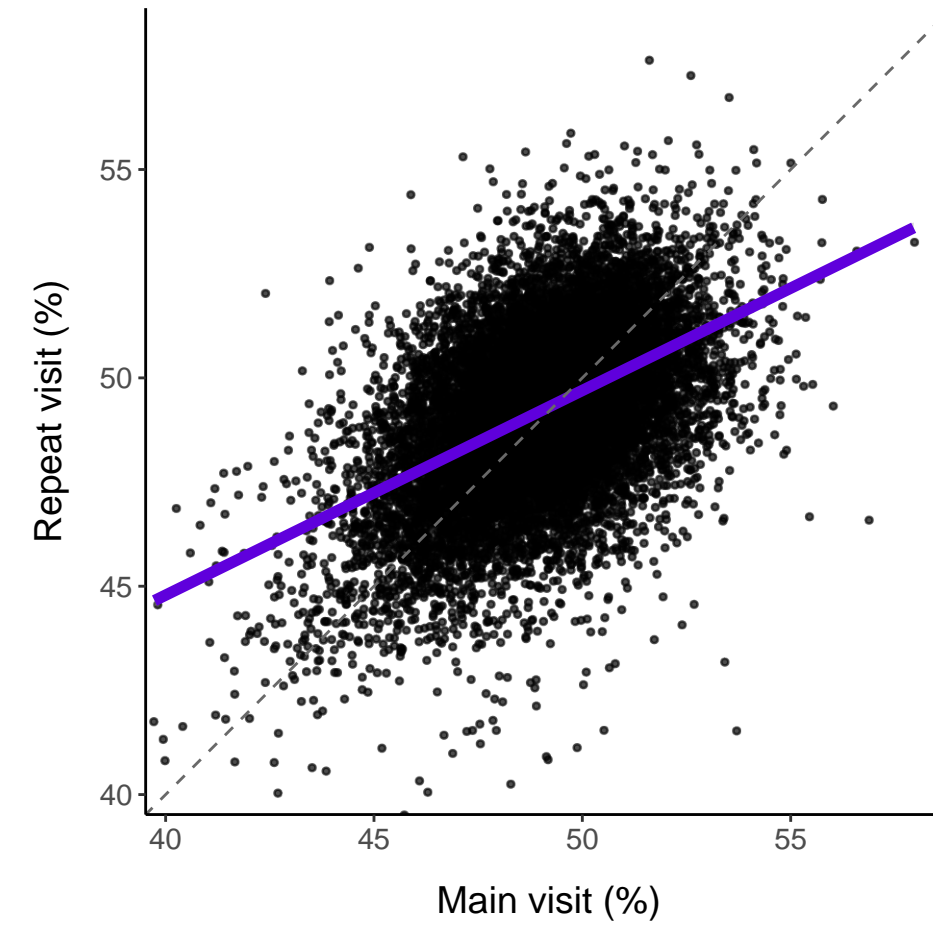
M_LDL_C_pct

R: 0.47
 $y = 34.75 + 0.49x$



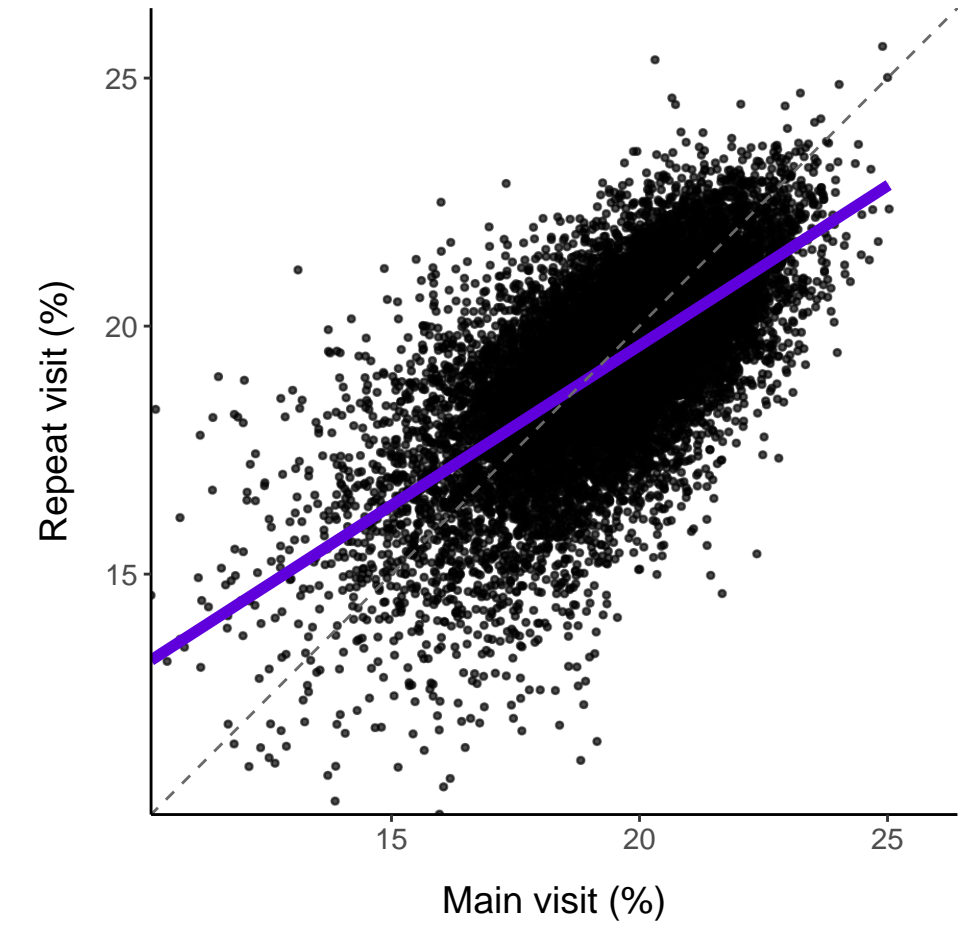
M_LDL_CE_pct

R: 0.49
 $y = 25.14 + 0.49x$



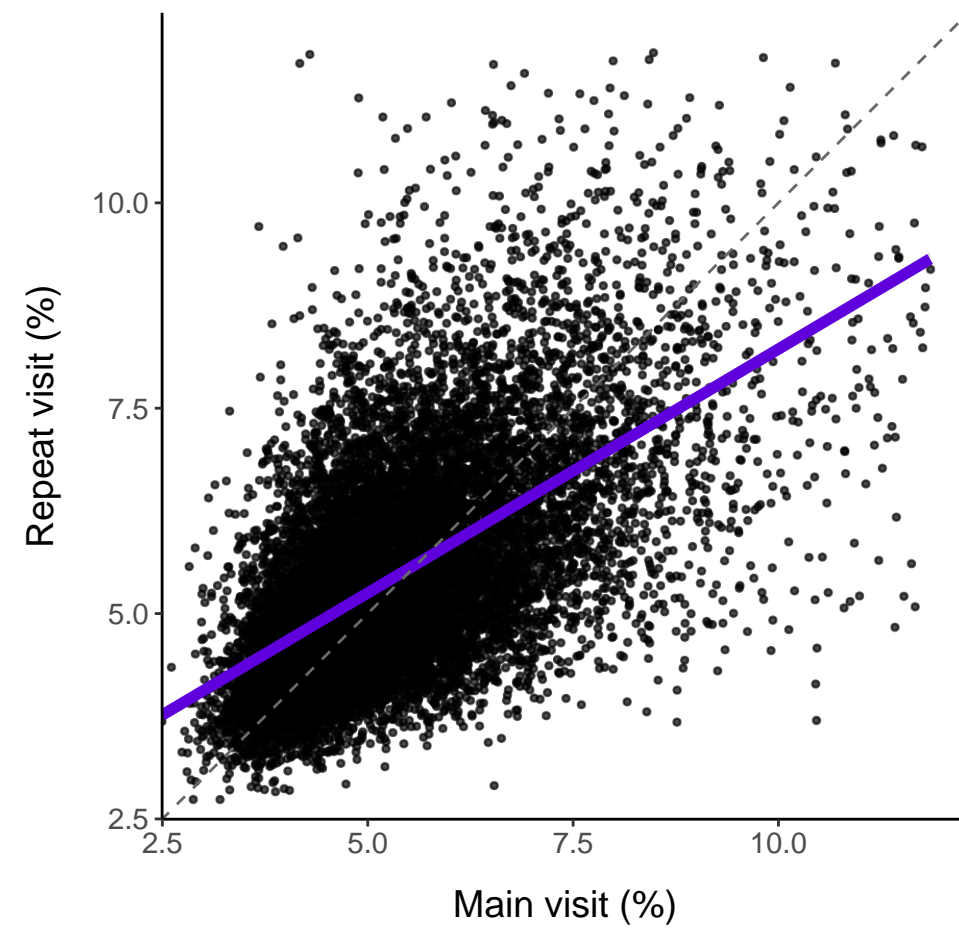
M_LDL_FC_pct

R: 0.66
 $y = 6.72 + 0.64x$



M_LDL_TG_pct

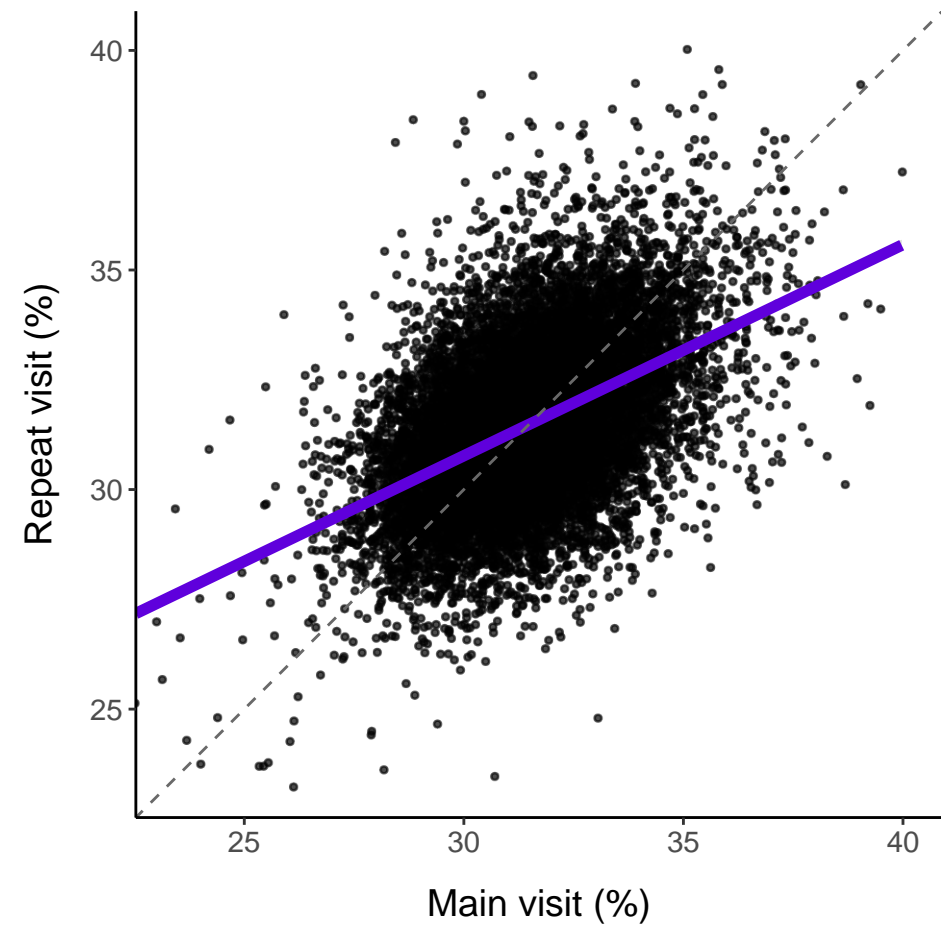
R: 0.59
 $y = 2.28 + 0.59x$



Small LDL ratios

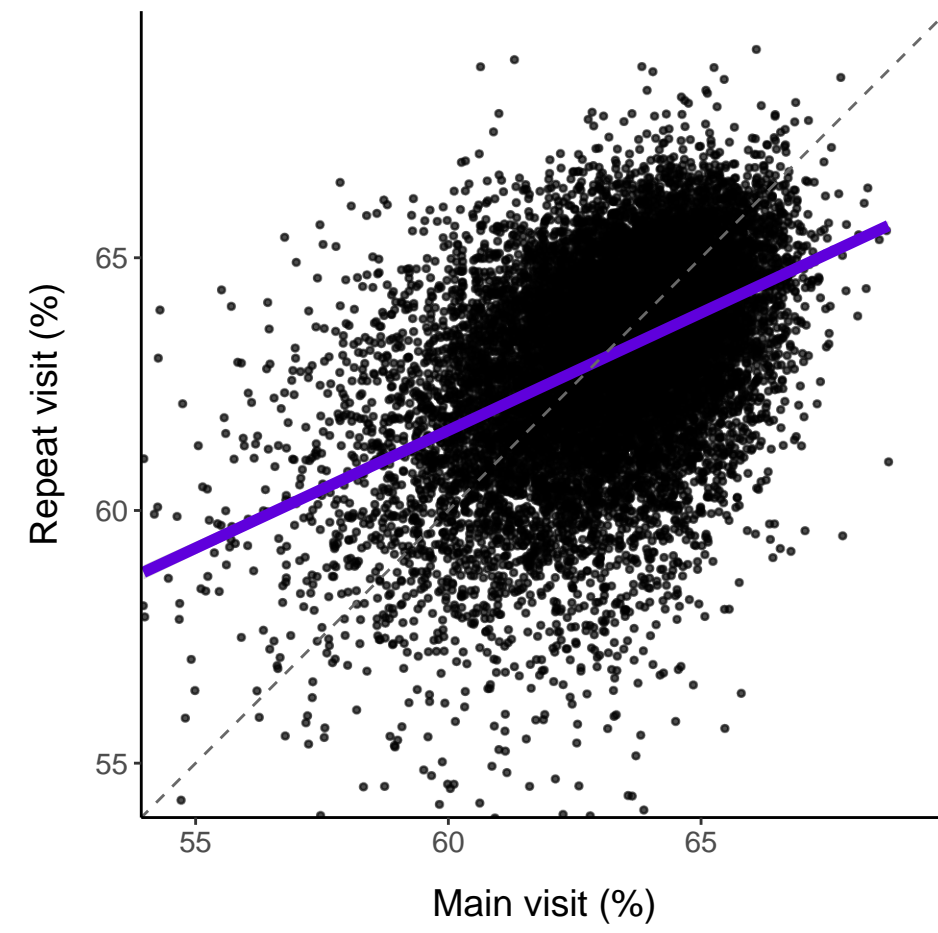
S_LDL_PL_pct

R: 0.48
 $y = 16.34 + 0.48x$



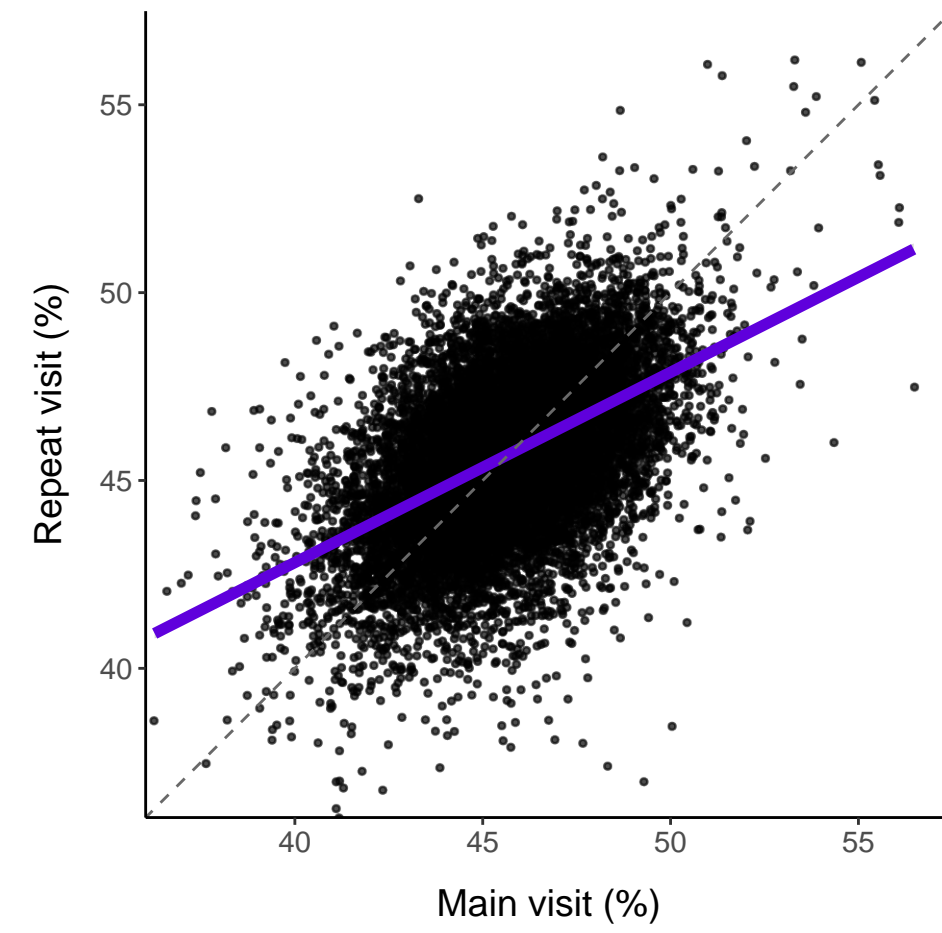
S_LDL_C_pct

R: 0.45
 $y = 33.65 + 0.47x$



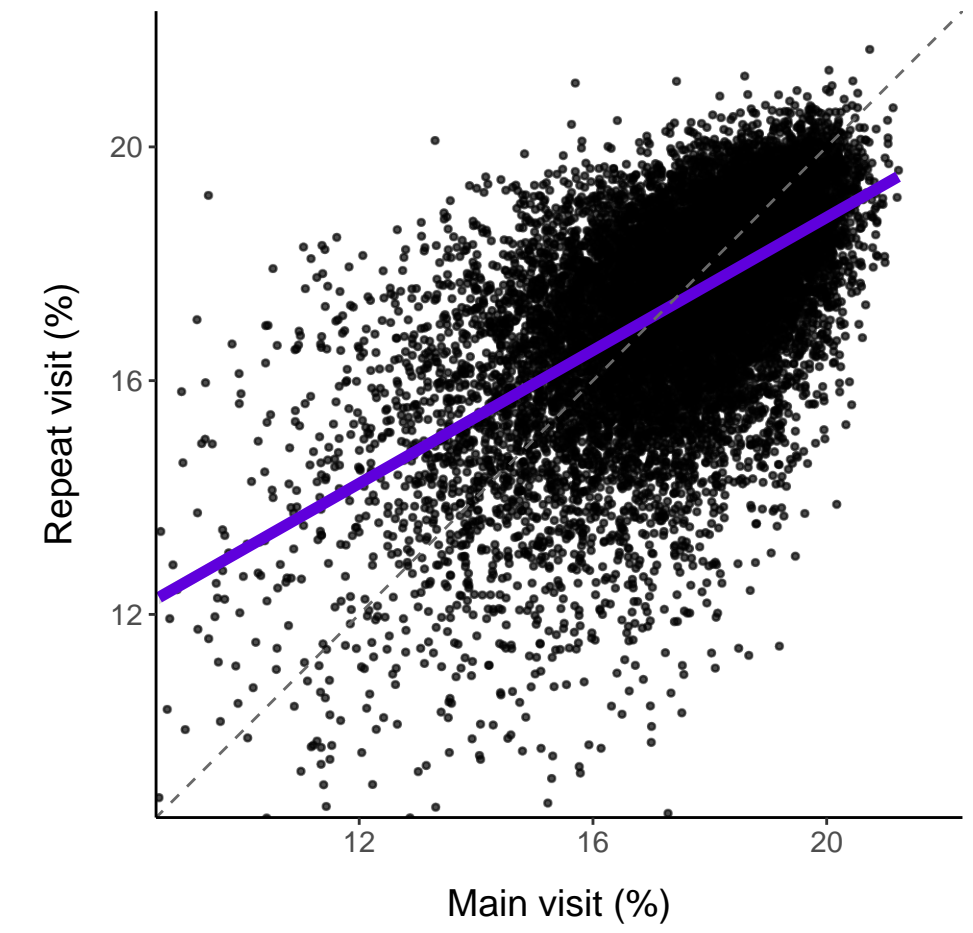
S_LDL_CE_pct

R: 0.5
 $y = 22.56 + 0.51x$



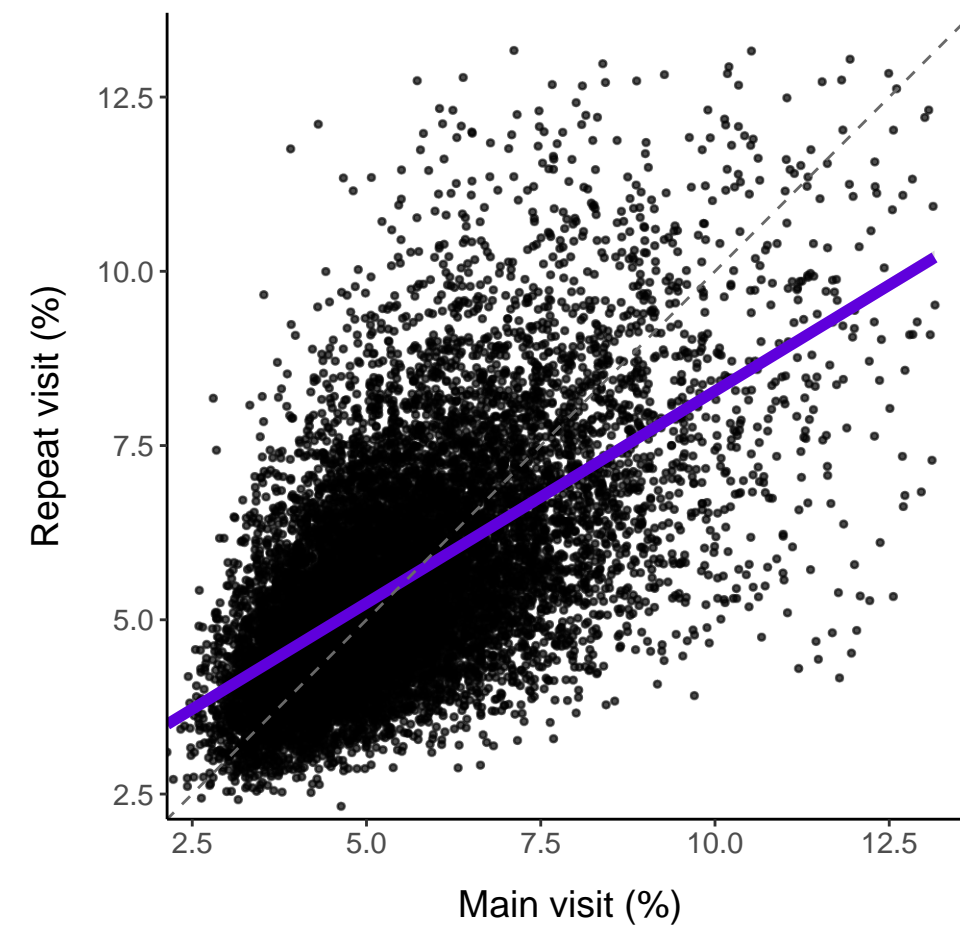
S_LDL_FC_pct

R: 0.59
 $y = 7.41 + 0.57x$



S_LDL_TG_pct

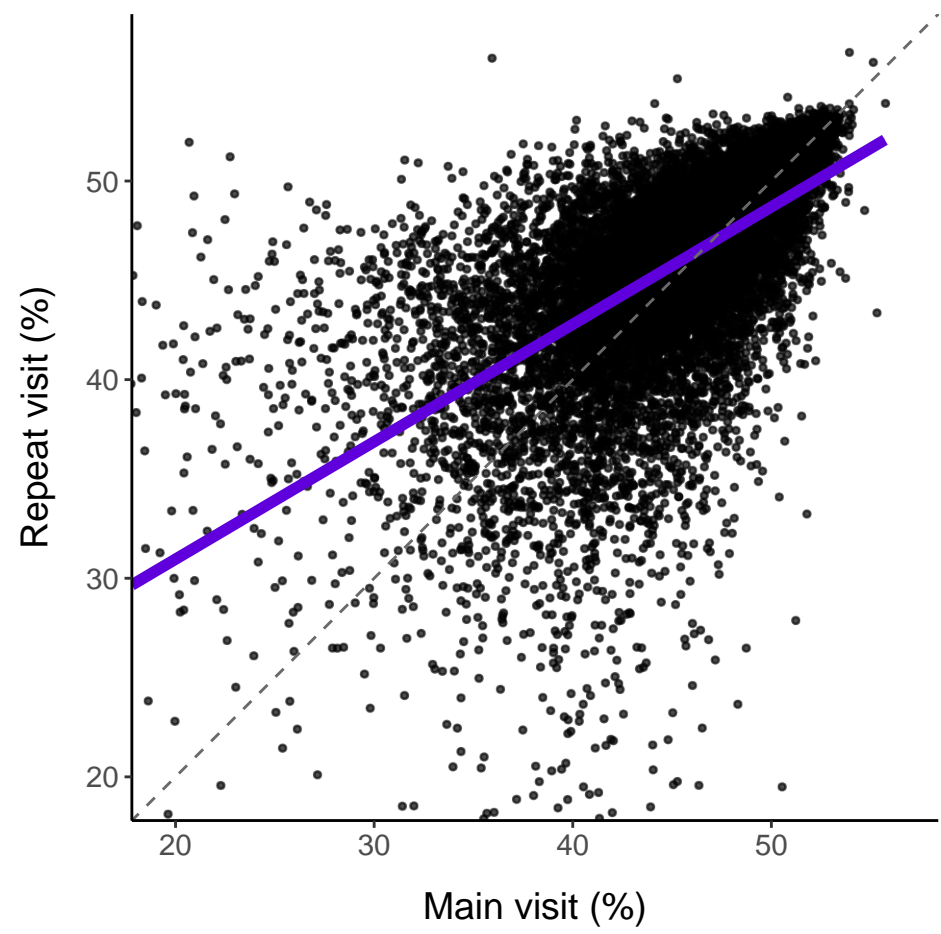
R: 0.61
 $y = 2.20 + 0.61x$



Very large HDL ratios

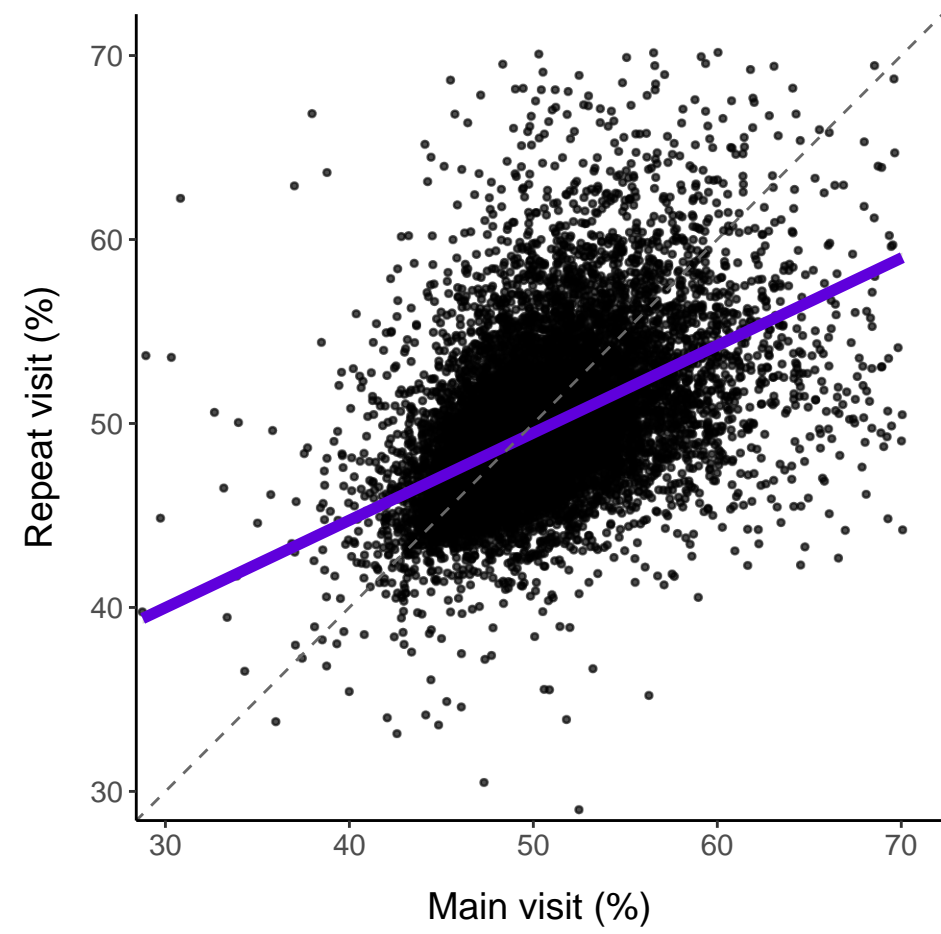
XL_HDL_PL_pct

R: 0.62
 $y = 19.14 + 0.59x$



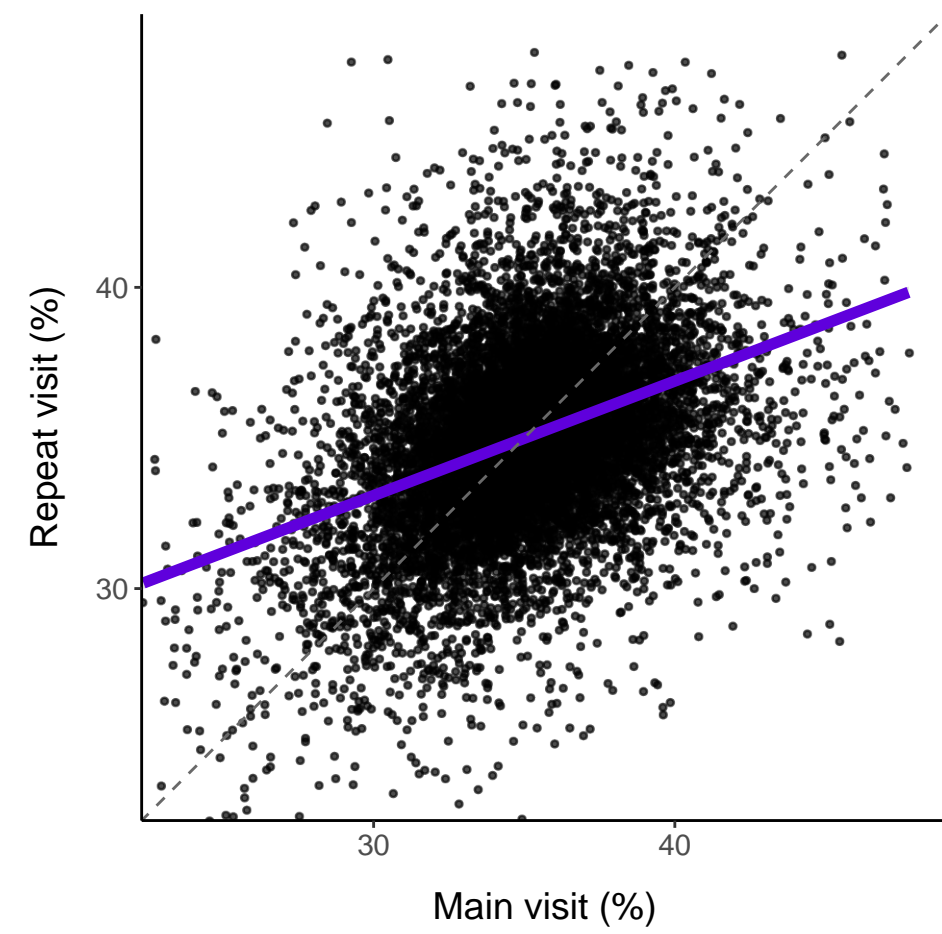
XL_HDL_C_pct

R: 0.5
 $y = 25.74 + 0.48x$



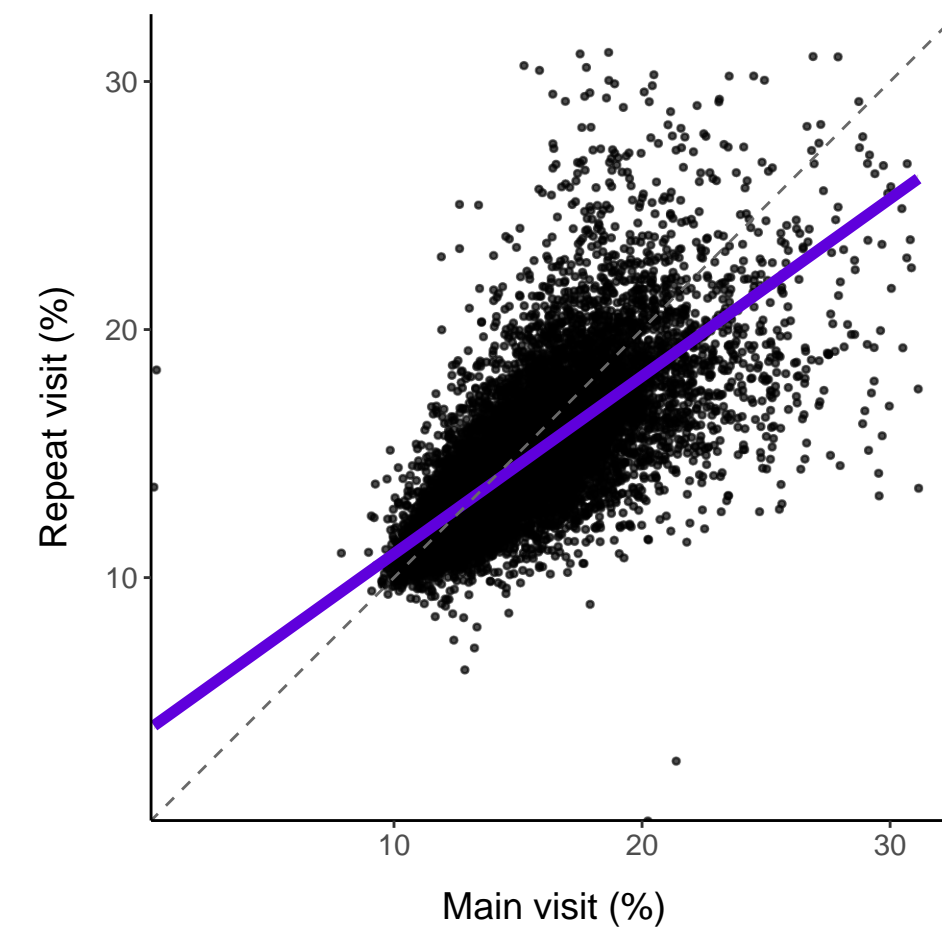
XL_HDL_CE_pct

R: 0.39
 $y = 21.69 + 0.38x$



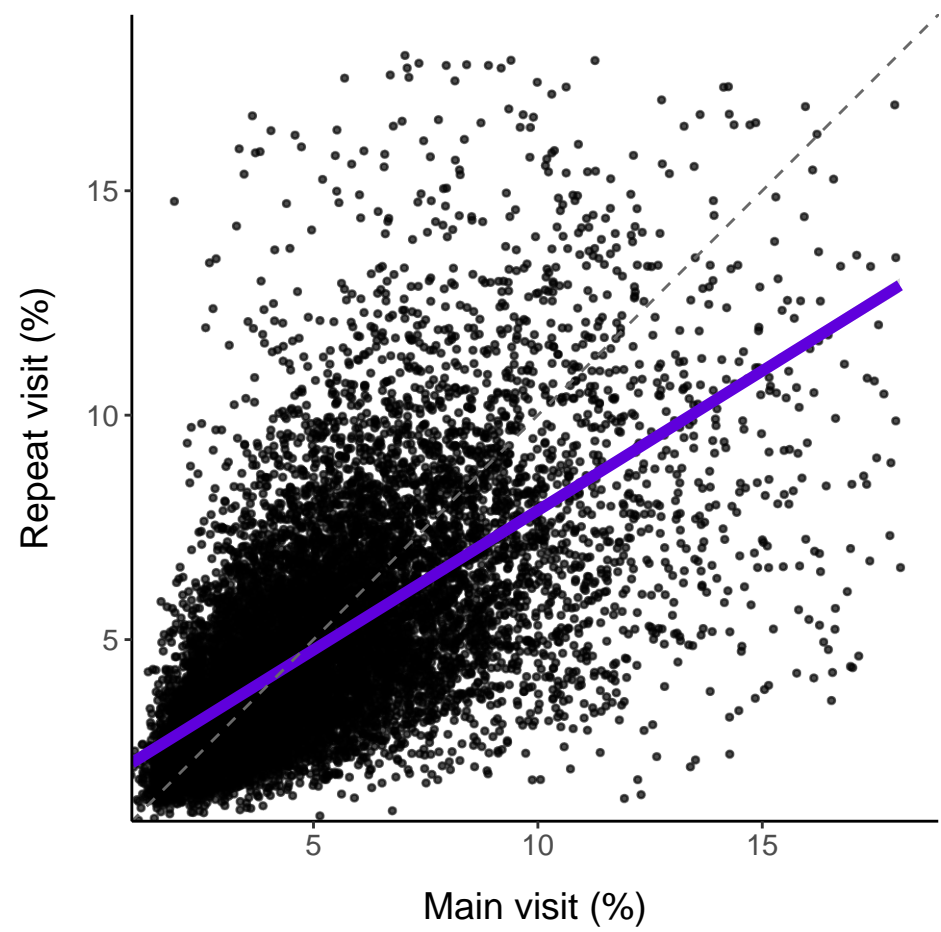
XL_HDL_FC_pct

R: 0.74
 $y = 3.80 + 0.72x$



XL_HDL_TG_pct

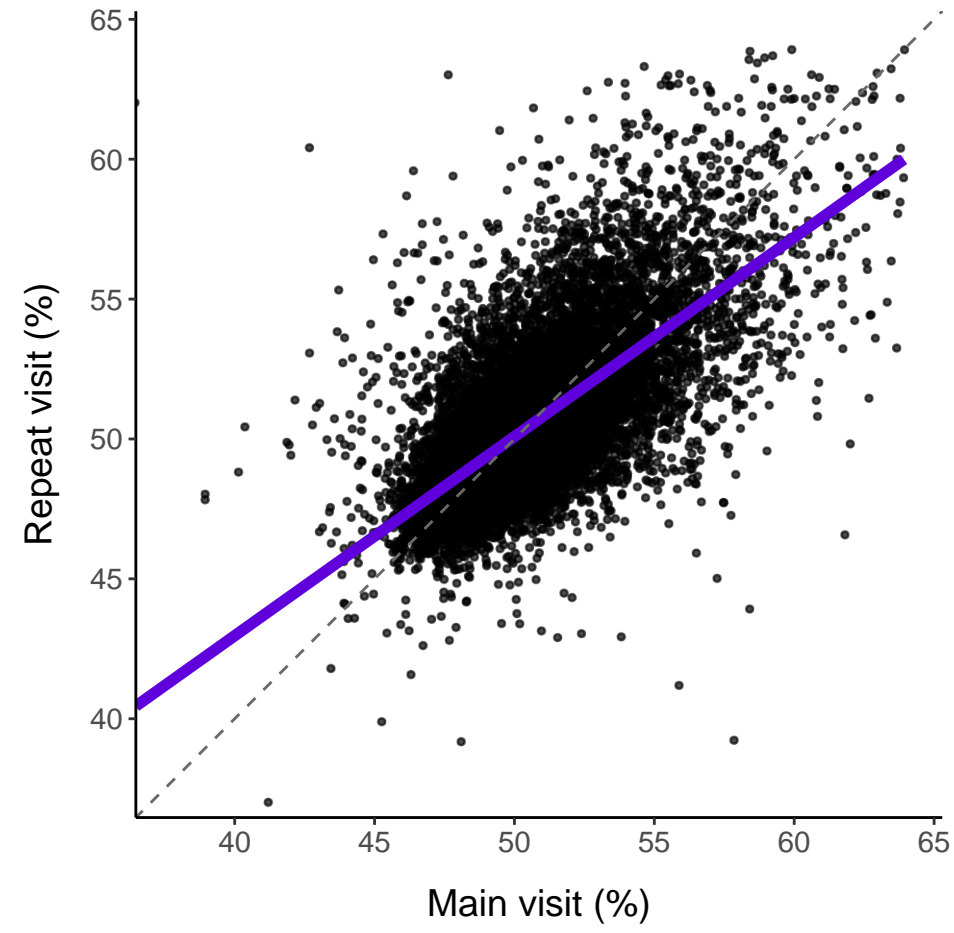
R: 0.65
 $y = 1.66 + 0.62x$



Large HDL ratios

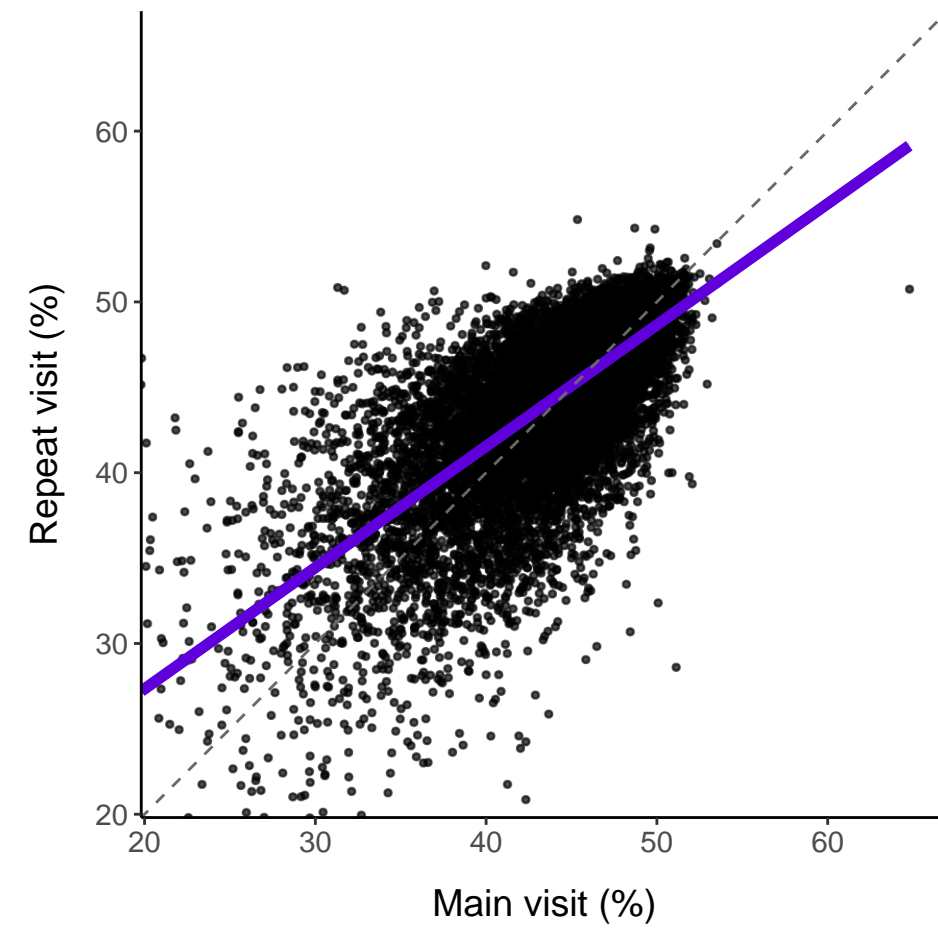
L_HDL_PL_pct

R: 0.69
 $y = 14.49 + 0.71x$



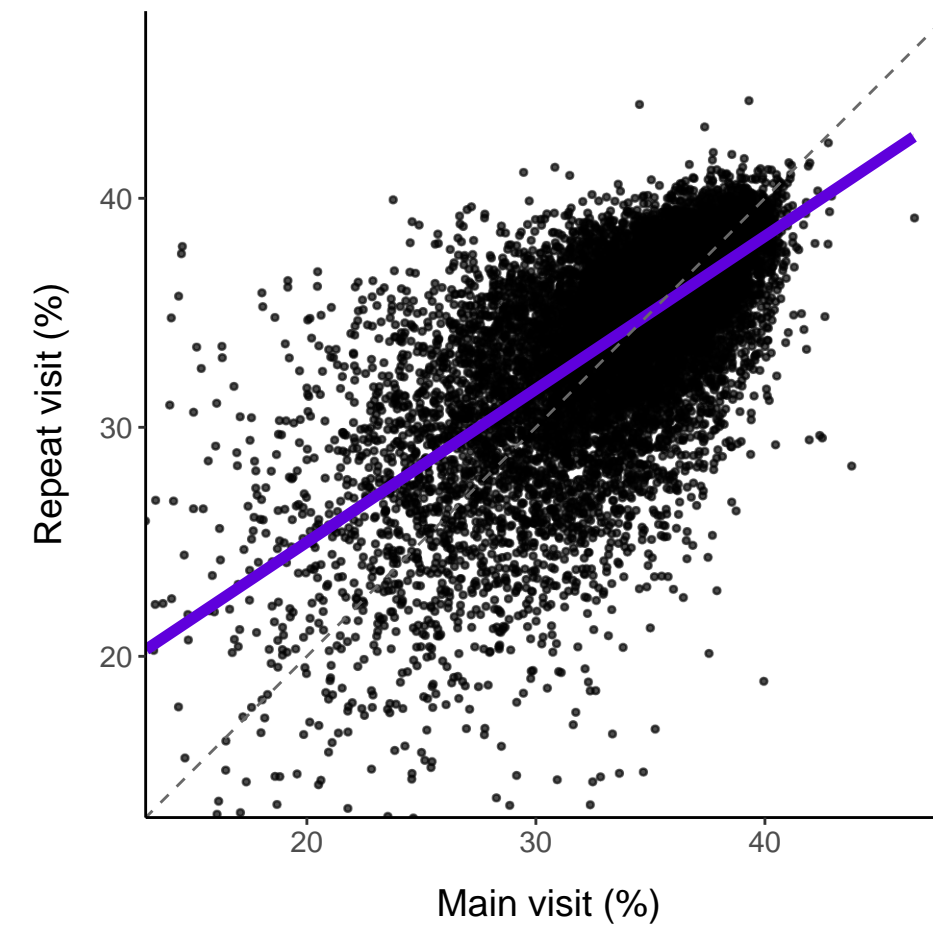
L_HDL_C_pct

R: 0.73
 $y = 13.13 + 0.71x$



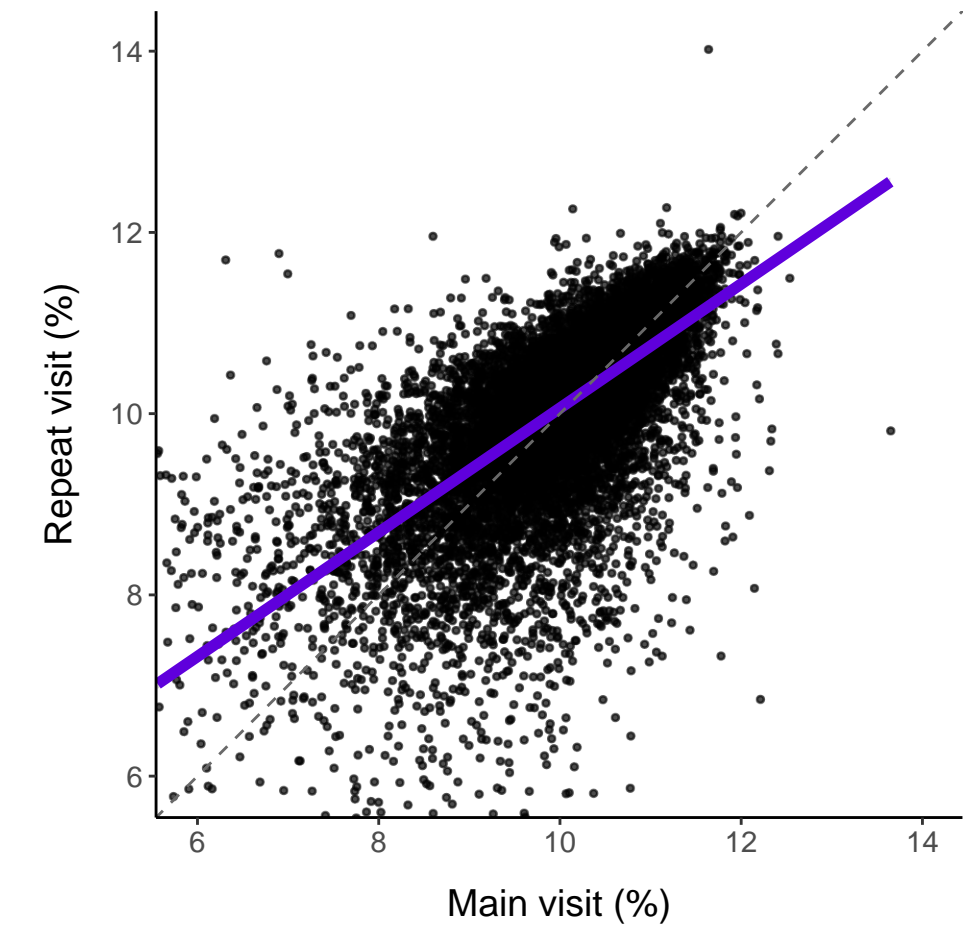
L_HDL_CE_pct

R: 0.69
 $y = 11.63 + 0.67x$



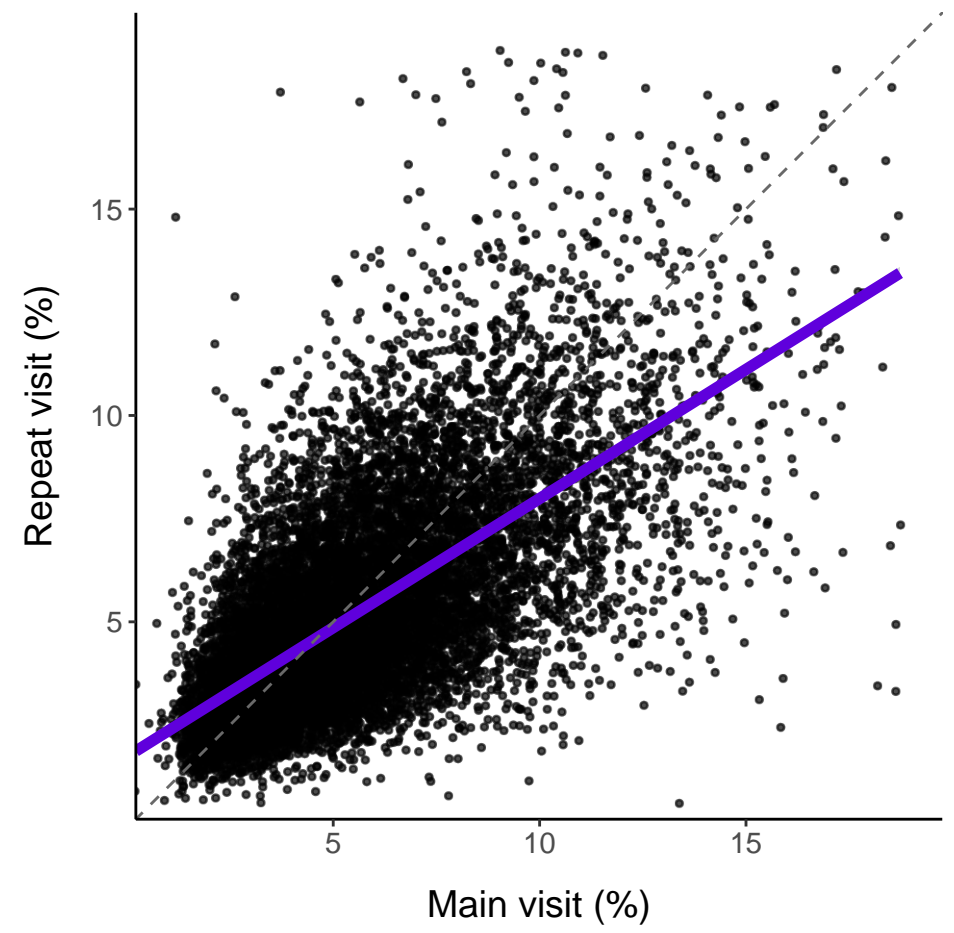
L_HDL_FC_pct

R: 0.68
 $y = 3.21 + 0.69x$



L_HDL_TG_pct

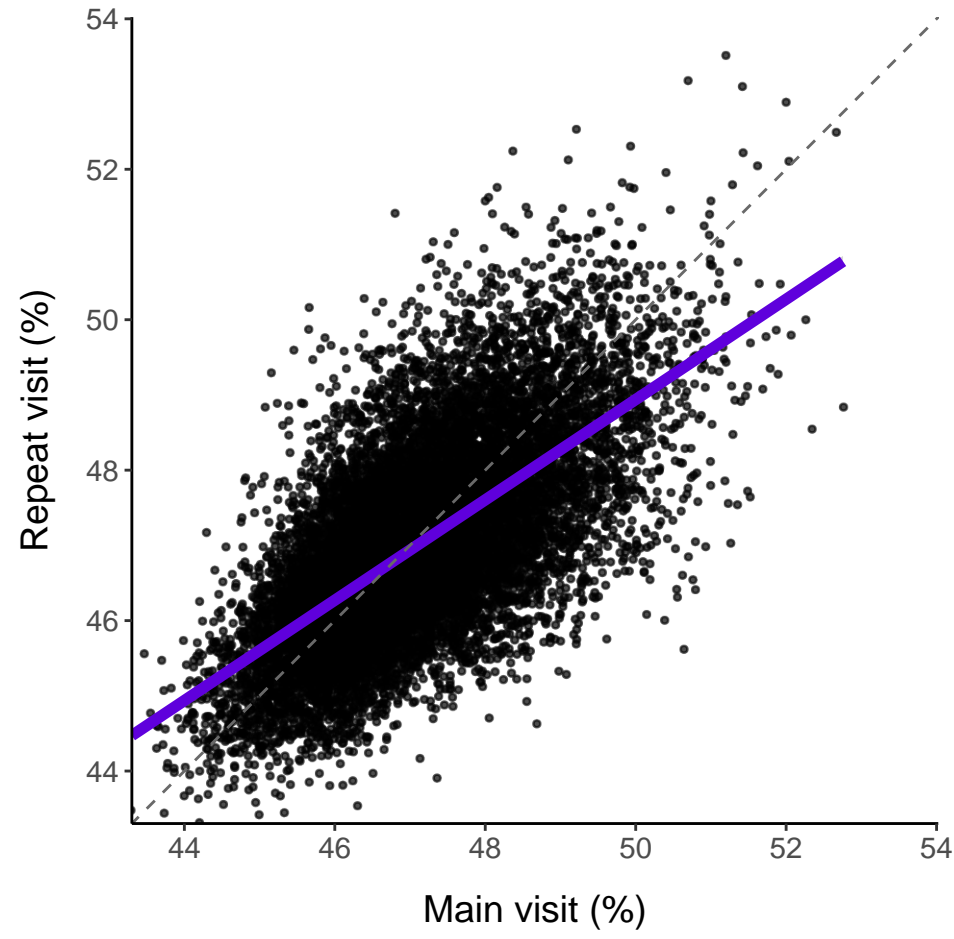
R: 0.68
 $y = 1.73 + 0.63x$



Medium HDL ratios

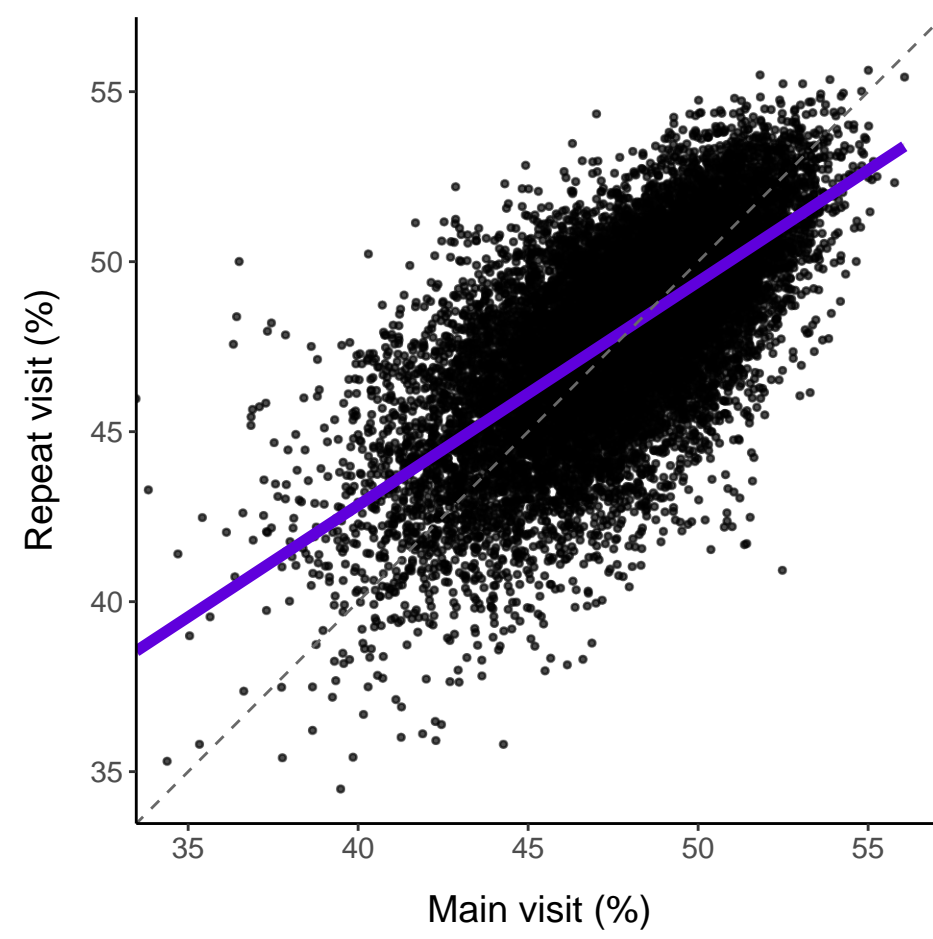
M_HDL_PL_pct

R: 0.66
 $y = 15.60 + 0.67x$



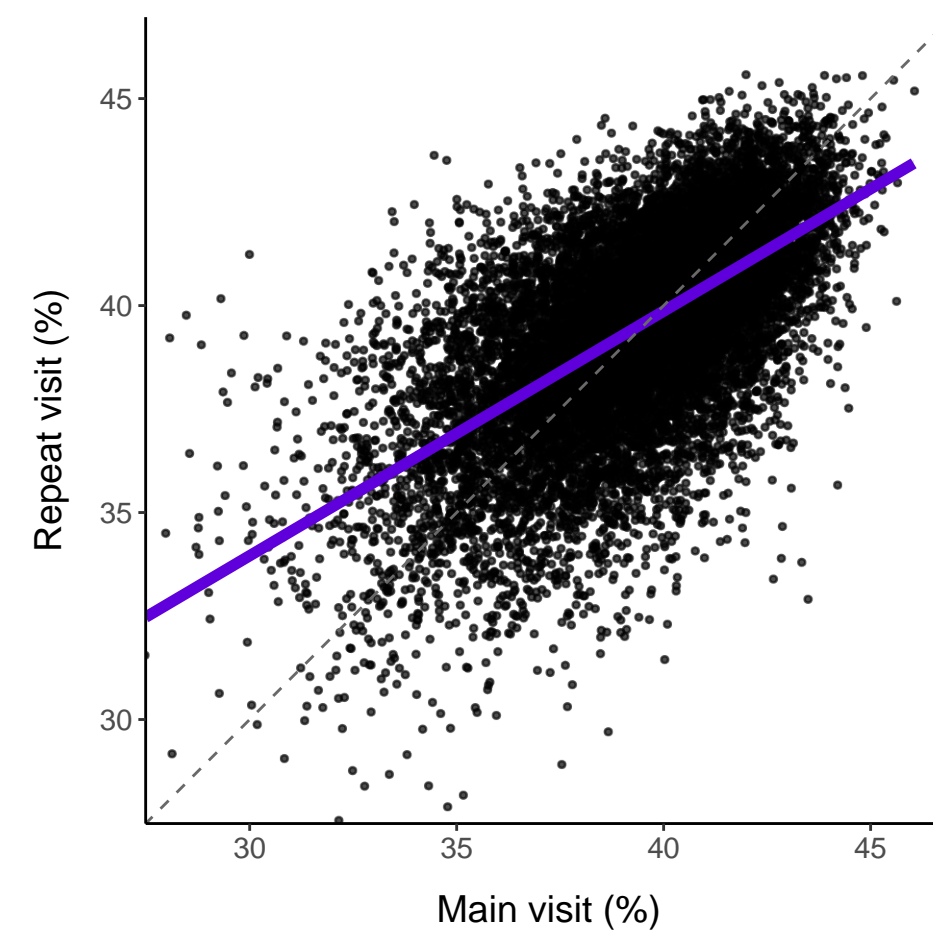
M_HDL_C_pct

R: 0.68
 $y = 16.55 + 0.66x$



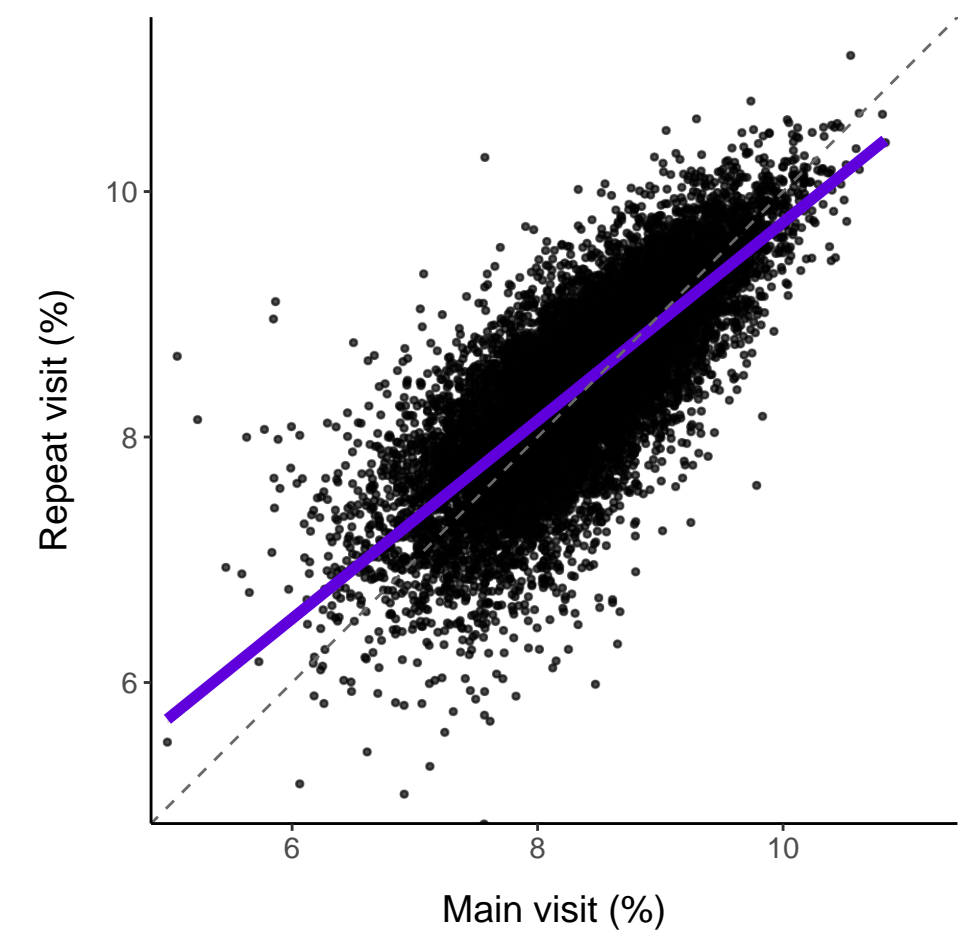
M_HDL_CE_pct

R: 0.62
 $y = 16.23 + 0.59x$



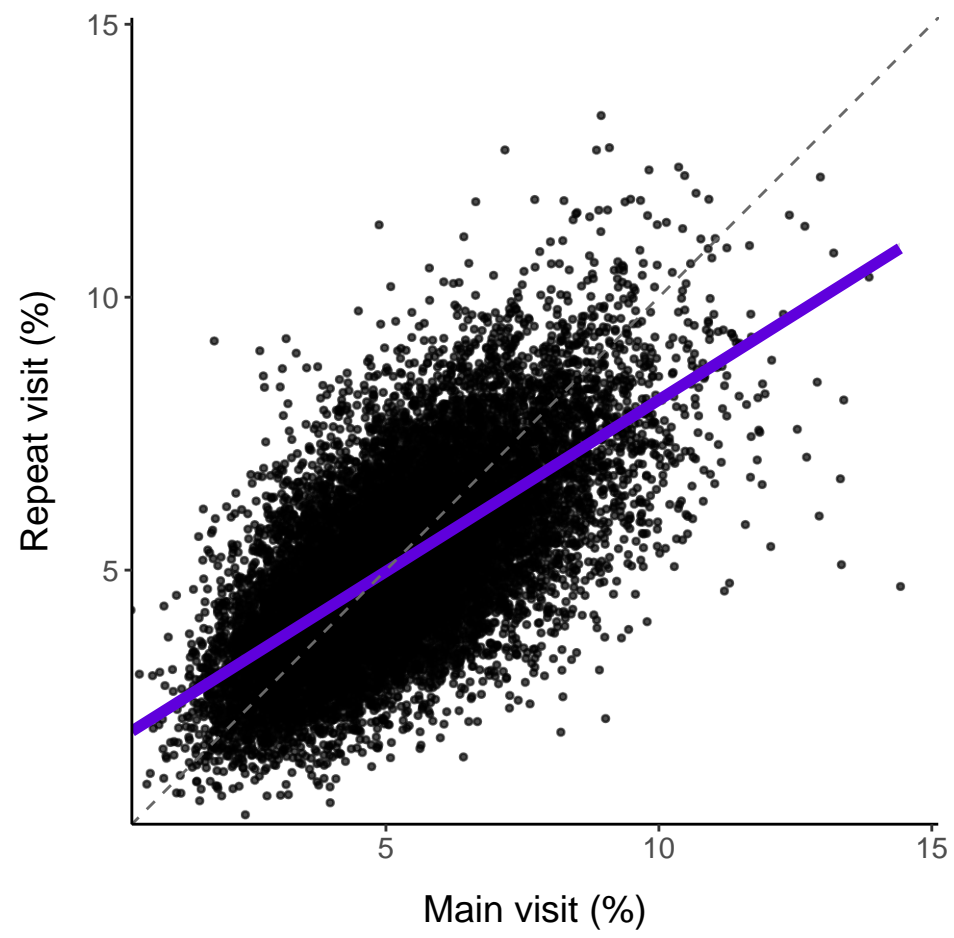
M_HDL_FC_pct

R: 0.77
 $y = 1.68 + 0.81x$



M_HDL_TG_pct

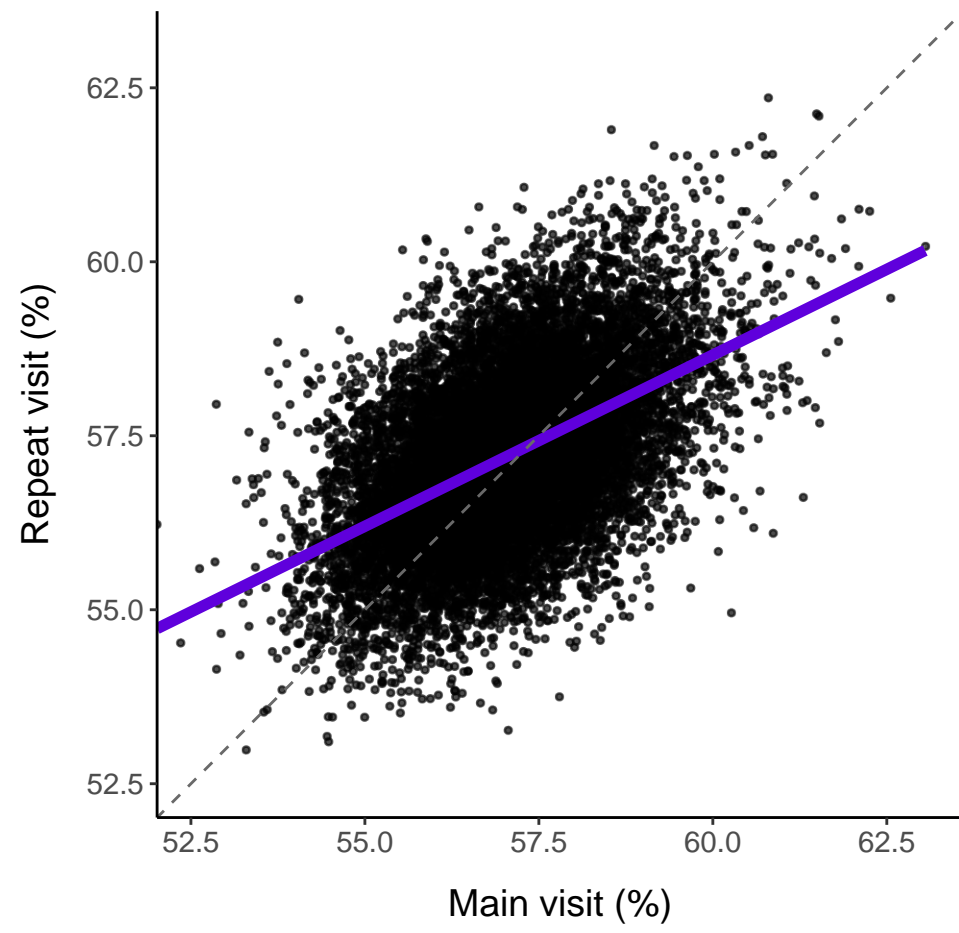
R: 0.66
 $y = 1.83 + 0.63x$



Small HDL ratios

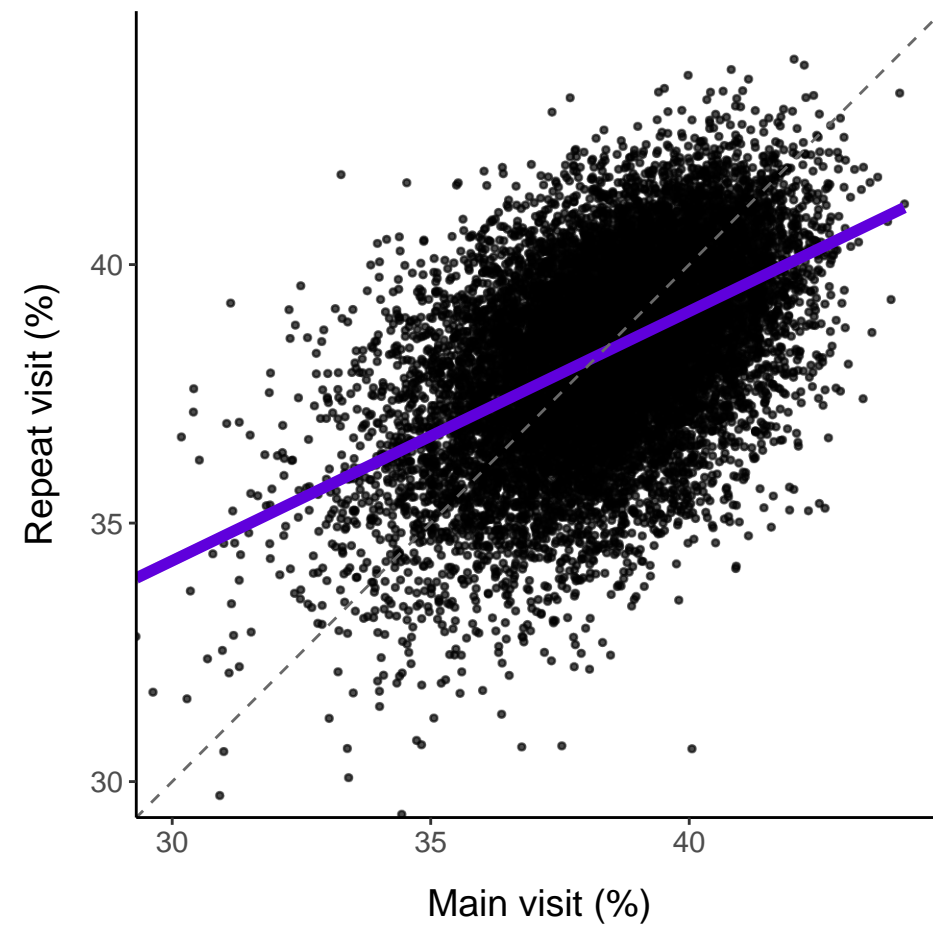
S_HDL_PL_pct

R: 0.51
 $y = 29.12 + 0.49x$



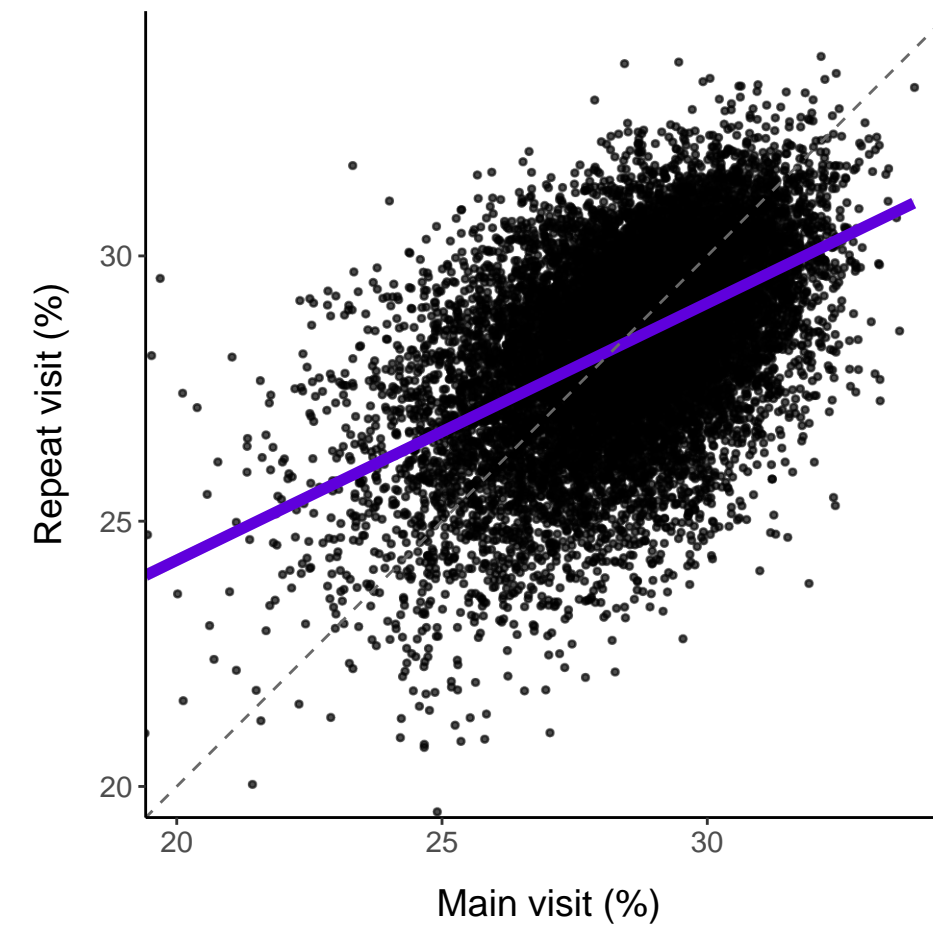
S_HDL_C_pct

R: 0.5
 $y = 19.80 + 0.48x$



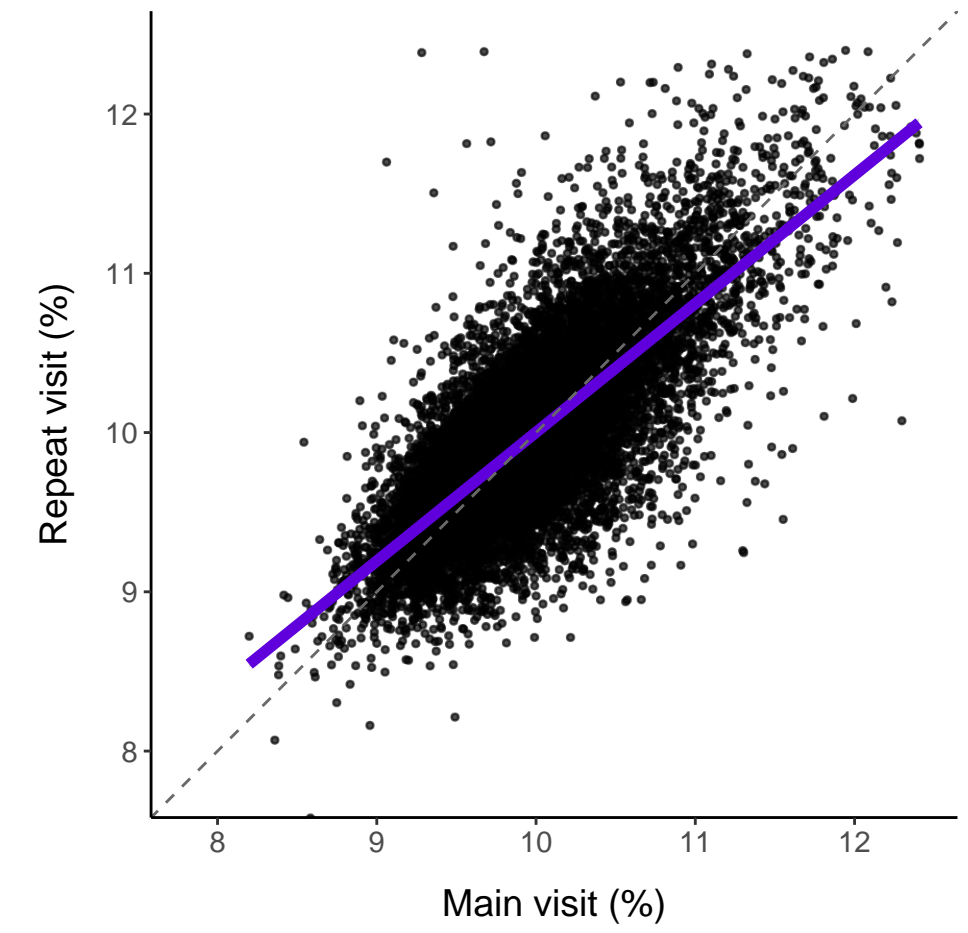
S_HDL_CE_pct

R: 0.5
 $y = 14.57 + 0.48x$



S_HDL_FC_pct

R: 0.75
 $y = 1.92 + 0.81x$



S_HDL_TG_pct

R: 0.7
 $y = 1.41 + 0.67x$

