
[Ruminococcus]_gnavus_group

Shd-reduced **glmm.zinb, marg.R²: 0.14, cond.R²: 0.673**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 5.27(5.06,5.49)*** - age¹: -8.3(-11.2,-5.37)*** - age²: -9.52(-12.2,-6.81)*** - age³: 8(5.35,10.7)*** - age⁴: 0.308(-2.26,2.87) - age⁵: -1.35(-3.85,1.15) - pre45-225: -0.283(-0.775,0.209)

Shd-full **glmm.zinb, marg.R²: 0.217, cond.R²: 0.67**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 5.24(5.06,5.42)*** - age¹: -8.48(-11.4,-5.52)*** - age²: -9.35(-12.1,-6.58)*** - age³: 8.25(5.55,10.9)*** - age⁴: 0.0359(-2.58,2.65) - age⁵: -1.38(-3.91,1.16) - ctrl:shd.post>90: -0.322(-0.509,-0.135)*** - pre45-225:shd.post>90: -0.485(-1.04,0.0719)

BC-reduced **glmm.zinb, marg.R²: 0.14, cond.R²: 0.673**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 5.27(5.06,5.49)*** - age¹: -8.3(-11.2,-5.37)*** - age²: -9.52(-12.2,-6.81)*** - age³: 8(5.35,10.7)*** - age⁴: 0.308(-2.26,2.87) - age⁵: -1.35(-3.85,1.15) - pre45-225: -0.283(-0.775,0.209)

BC-full **glmm.zinb, marg.R²: 0.236, cond.R²: 0.648**
fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 5.26(5.08,5.43)*** - age¹: -9.02(-12,-6.03)*** - age²: -8.62(-11.4,-5.82)*** - age³: 7.83(5.1,10.6)*** - age⁴: 0.0319(-2.62,2.68) - age⁵: -1.05(-3.61,1.52) - ctrl:bray.post>90: 0.369(0.192,0.546)*** - pre45-225:bray.post>90: 0.53(0.0448,1.02)*

Actinomyces

Shd-reduced **glmm.zinb, marg.R²: 0.275, cond.R²: 0.572**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 3.1(2.94,3.26)*** - age¹: -18.6(-20.9,-16.3)*** - age²: 6.47(4.15,8.8)*** - age³: -1.52(-3.71,0.667) - age⁴: -2(-4.17,0.16) - age⁵: -0.127(-2.26,2.01) - pre45-225: -0.186(-0.534,0.162)

Shd-full **glmm.zinb, marg.R²: 0.279, cond.R²: 0.564**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 3.06(2.92,3.2)*** - age¹: -18.5(-20.8,-16.1)*** - age²: 6.68(4.34,9.02)*** - age³: -1.71(-3.91,0.494) - age⁴: -1.95(-4.13,0.233) - age⁵: -0.0984(-2.25,2.05) - ctrl:shd.post>90: 0.00852(-0.134,0.151) - pre45-225:shd.post>90: 0.469(0.0657,0.873)*

BC-reduced **glmm.zinb, marg.R²: 0.275, cond.R²: 0.572**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 3.1(2.94,3.26)*** - age¹: -18.6(-20.9,-16.3)*** - age²: 6.47(4.15,8.8)*** - age³: -1.52(-3.71,0.667) - age⁴: -2(-4.17,0.16) - age⁵: -0.127(-2.26,2.01) - pre45-225: -0.186(-0.534,0.162)

BC-full **glmm.zinb, marg.R²: 0.278, cond.R²: 0.57**
fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 3.07(2.93,3.21)*** - age¹: -18.4(-20.7,-16.1)*** - age²: 6.6(4.28,8.93)*** - age³: -1.62(-3.81,0.575) - age⁴: -2(-4.17,0.174) - age⁵: -0.057(-2.2,2.09) - ctrl:bray.post>90: 0.0146(-0.13,0.159) - pre45-225:bray.post>90: 0.0478(-0.354,0.45)

Anaerostipes

Shd-reduced **glmm.zinb, marg.R²: 0.698, cond.R²: 0.822**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 4.82(4.67,4.97)*** - age¹: 36.2(33,39.4)*** - age²: -19.3(-22.3,-16.2)*** - age³: 6.67(3.68,9.65)*** - age⁴: -6.19(-8.95,-3.43)*** - age⁵: 5.9(3.61,8.19)*** - pre45-225: 0.154(-0.244,0.551)

Shd-full **glmm.zinb, marg.R²: 0.704, cond.R²: 0.824**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 4.83(4.68,4.97)*** - age¹: 36.2(33,39.3)*** - age²: -19.3(-22.3,-16.2)*** - age³: 6.63(3.65,9.61)*** - age⁴: -6.13(-8.88,-3.37)*** - age⁵: 5.83(3.55,8.11)*** - ctrl:shd.post>90: 0.0201(-0.105,0.146) - pre45-225:shd.post>90: 0.392(-0.0815,0.866)

BC-reduced **glmm.zinb, marg.R²: 0.698, cond.R²: 0.822**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 4.82(4.67,4.97)*** - age¹: 36.2(33,39.4)*** - age²: -19.3(-22.3,-16.2)*** - age³: 6.67(3.68,9.65)*** - age⁴: -6.19(-8.95,-3.43)*** - age⁵: 5.9(3.61,8.19)*** - pre45-225: 0.154(-0.244,0.551)

BC-full **glmm.zinb, marg.R²: 0.694, cond.R²: 0.822**
fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 4.84(4.69,4.98)*** - age¹: 36(32.8,39.1)*** - age²: -19(-22,-16)*** - age³: 6.31(3.35,9.27)*** - age⁴: -5.84(-8.59,-3.09)*** - age⁵: 5.64(3.37,7.92)*** - ctrl:bray.post>90: -0.0348(-0.163,0.0936) - pre45-225:bray.post>90: -0.0227(-0.471,0.426)

Bacteroides

Shd-reduced **glmm.zinb, marg.R²: 0.116, cond.R²: 0.484**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 7.08(6.95,7.21)*** - age¹: 9.14(7.35,10.9)*** - age²: -0.0785(-1.85,1.7) - age³: -0.0194(-1.78,1.74) - age⁴: 0.819(-0.934,2.57) - age⁵: -0.201(-1.95,1.55) - pre45-225: 0.466(0.16,0.772)**

Shd-full **glmm.zinb, marg.R²: 0.131, cond.R²: 0.507**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intcpt: 7.15(7.03,7.27)*** - age¹: 8.7(6.95,10.5)*** - age²: -0.181(-1.93,1.57) - age³: 0.162(-1.58,1.9) - age⁴: 0.789(-0.946,2.53) - age⁵: -0.246(-1.98,1.49) - ctrl:shd.post>90: 0.0474(-0.0736,0.168) - pre45-225:shd.post>90: 0.652(0.302,1)***

BC-reduced	glmm.zinb, marg.R²: 0.116, cond.R²: 0.484 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 7.08(6.95,7.21)*** - age^1: 9.14(7.35,10.9)*** - age^2: -0.0785(-1.85,1.7) - age^3: -0.0194(-1.78,1.74) - age^4: 0.819(-0.934,2.57) - age^5: -0.201(-1.95,1.55) - pre45-225: 0.466(0.16,0.772)**
BC-full	glmm.zinb, marg.R²: 0.106, cond.R²: 0.509 fixed~poly(age,5)+group.ref:bray.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 7.16(7.04,7.28)*** - age^1: 8.79(7.03,10.5)*** - age^2: -0.314(-2.07,1.44) - age^3: 0.275(-1.46,2.01) - age^4: 0.782(-0.957,2.52) - age^5: -0.221(-1.96,1.52) - ctrl:bray.post>90: -0.0527(-0.177,0.0718) - pre45-225:bray.post>90: 0.0581(-0.273,0.389)
Bifidobacterium	
Shd-reduced	glmm.zinb, marg.R²: 0.12, cond.R²: 0.186 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 8.58(8.52,8.65)*** - age^1: -11.4(-12.4,-10.4)*** - age^2: -0.692(-1.68,0.291) - age^3: 2.51(1.53,3.48)*** - age^4: -2.13(-3.1,-1.16)*** - age^5: 0.16(-0.817,1.14) - pre45-225: -0.0388(-0.204,0.126)
Shd-full	glmm.zinb, marg.R²: 0.127, cond.R²: 0.188 fixed~poly(age,5)+group.ref:shd.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 8.58(8.52,8.64)*** - age^1: -11.4(-12.4,-10.5)*** - age^2: -0.656(-1.64,0.325) - age^3: 2.56(1.58,3.53)*** - age^4: -2.13(-3.09,-1.16)*** - age^5: 0.178(-0.795,1.15) - ctrl:shd.post>90: -0.0606(-0.122,0.000741) - pre45-225:shd.post>90: -0.149(-0.334,0.0367)
BC-reduced	glmm.zinb, marg.R²: 0.12, cond.R²: 0.186 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 8.58(8.52,8.65)*** - age^1: -11.4(-12.4,-10.4)*** - age^2: -0.692(-1.68,0.291) - age^3: 2.51(1.53,3.48)*** - age^4: -2.13(-3.1,-1.16)*** - age^5: 0.16(-0.817,1.14) - pre45-225: -0.0388(-0.204,0.126)
BC-full	glmm.zinb, marg.R²: 0.128, cond.R²: 0.184 fixed~poly(age,5)+group.ref:bray.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 8.57(8.52,8.63)*** - age^1: -11.5(-12.5,-10.5)*** - age^2: -0.763(-1.75,0.227) - age^3: 2.45(1.47,3.44)*** - age^4: -2.17(-3.15,-1.19)*** - age^5: 0.12(-0.865,1.1) - ctrl:bray.post>90: -0.119(-0.179,-0.0587)*** - pre45-225:bray.post>90: 0.0119(-0.16,0.184)
Blautia	
Shd-reduced	glmm.zinb, marg.R²: 0.472, cond.R²: 0.749 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.33(6.18,6.49)*** - age^1: 23.6(21.3,25.8)*** - age^2: -11(-13.1,-8.81)*** - age^3: 3.29(1.16,5.43)** - age^4: 0.512(-1.54,2.57) - age^5: -0.116(-1.98,1.75) - pre45-225: -0.628(-1.02,-0.24)**
Shd-full	glmm.zinb, marg.R²: 0.481, cond.R²: 0.735 fixed~poly(age,5)+group.ref:shd.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.24(6.1,6.38)*** - age^1: 23.6(21.3,25.9)*** - age^2: -10.4(-12.5,-8.21)*** - age^3: 2.72(0.57,4.87)* - age^4: 0.596(-1.47,2.66) - age^5: 0.0616(-1.82,1.94) - ctrl:shd.post>90: 0.0382(-0.0968,0.173) - pre45-225:shd.post>90: 0.716(0.322,1.11)***
BC-reduced	glmm.zinb, marg.R²: 0.472, cond.R²: 0.749 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.33(6.18,6.49)*** - age^1: 23.6(21.3,25.8)*** - age^2: -11(-13.1,-8.81)*** - age^3: 3.29(1.16,5.43)** - age^4: 0.512(-1.54,2.57) - age^5: -0.116(-1.98,1.75) - pre45-225: -0.628(-1.02,-0.24)**
BC-full	glmm.zinb, marg.R²: 0.489, cond.R²: 0.739 fixed~poly(age,5)+group.ref:bray.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.27(6.13,6.41)*** - age^1: 24(21.7,26.2)*** - age^2: -10.7(-12.9,-8.55)*** - age^3: 3.15(1.01,5.29)** - age^4: 0.532(-1.53,2.59) - age^5: 0.0232(-1.85,1.89) - ctrl:bray.post>90: 0.161(0.0272,0.294)* - pre45-225:bray.post>90: -0.388(-0.776,0.00014)
Clostridium_sensu_stricto_1	
Shd-reduced	glmm.zinb, marg.R²: 0.0797, cond.R²: 0.33 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.08(5.93,6.22)*** - age^1: -5.98(-8.82,-3.14)*** - age^2: 3.16(0.405,5.91)* - age^3: -4.54(-7.31,-1.78)** - age^4: 4.14(1.36,6.93)** - age^5: -0.61(-3.37,2.15) - pre45-225: -0.209(-0.626,0.207)
Shd-full	glmm.zinb, marg.R²: 0.0862, cond.R²: 0.321 fixed~poly(age,5)+group.ref:shd.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.06(5.93,6.2)*** - age^1: -6.11(-8.97,-3.25)*** - age^2: 3.22(0.437,6.01)* - age^3: -4.69(-7.49,-1.9)** - age^4: 4(1.17,6.82)** - age^5: -0.441(-3.24,2.36) - ctrl:shd.post>90: 0.0573(-0.0763,0.191) - pre45-225:shd.post>90: -0.219(-0.773,0.335)
BC-reduced	glmm.zinb, marg.R²: 0.0797, cond.R²: 0.33 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.08(5.93,6.22)*** - age^1: -5.98(-8.82,-3.14)*** - age^2: 3.16(0.405,5.91)* - age^3: -4.54(-7.31,-1.78)** - age^4: 4.14(1.36,6.93)** - age^5: -0.61(-3.37,2.15) - pre45-225: -0.209(-0.626,0.207)
BC-full	glmm.zinb, marg.R²: 0.092, cond.R²: 0.319 fixed~poly(age,5)+group.ref:bray.ltp, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 6.07(5.94,6.2)*** - age^1: -5.98(-8.8,-3.15)*** - age^2: 3.46(0.705,6.21)* - age^3: -4.41(-7.17,-1.65)** - age^4: 4.24(1.44,7.03)** - age^5: -0.588(-3.36,2.18) - ctrl:bray.post>90: 0.109(-0.0231,0.241) - pre45-225:bray.post>90: -0.112(-0.578,0.355)
Eggerthella	
Shd-reduced	glmm.zinb, marg.R²: 0.109, cond.R²: 0.387

fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 3.11(2.99,3.23)*** - age^1: -7.28(-9.39,-5.17)*** - age^2: 3.02(0.934,5.1)** - age^3: -2.88(-4.97,-0.794)**
 - age^4: 0.451(-1.52,2.42) - age^5: -3.5(-5.49,-1.5)*** - pre45-225: -0.123(-0.408,0.163)

Shd-full **glmm.zinb, marg.R^2: 0.125, cond.R^2: 0.379**
 fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 3.08(2.98,3.19)*** - age^1: -6.97(-9.08,-4.87)*** - age^2: 2.97(0.881,5.06)** - age^3: -3.08(-5.17,-1)** -
 age^4: 0.376(-1.6,2.35) - age^5: -3.71(-5.7,-1.73)*** - ctrl:shd.post>90: -0.116(-0.223,-0.00867)* - pre45-
 225:shd.post>90: 0.117(-0.208,0.442)

BC-reduced **glmm.zinb, marg.R^2: 0.109, cond.R^2: 0.387**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 3.11(2.99,3.23)*** - age^1: -7.28(-9.39,-5.17)*** - age^2: 3.02(0.934,5.1)** - age^3: -2.88(-4.97,-0.794)**
 - age^4: 0.451(-1.52,2.42) - age^5: -3.5(-5.49,-1.5)*** - pre45-225: -0.123(-0.408,0.163)

BC-full **glmm.zinb, marg.R^2: 0.127, cond.R^2: 0.382**
 fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 3.1(2.99,3.2)*** - age^1: -7.12(-9.22,-5.02)*** - age^2: 3.03(0.946,5.12)** - age^3: -3.08(-5.16,-1)** -
 age^4: 0.387(-1.59,2.36) - age^5: -3.55(-5.54,-1.56)*** - ctrl:bray.post>90: 0.103(-0.00439,0.21) - pre45-
 225:bray.post>90: 0.0787(-0.24,0.397)

Enterococcus

Shd-reduced **glmm.zinb, marg.R^2: 0.5, cond.R^2: 0.744**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.12(3.96,4.29)*** - age^1: -29.3(-32.2,-26.5)*** - age^2: -0.102(-2.96,2.75) - age^3: -1.3(-4.38,1.78) -
 age^4: 0.544(-2.52,3.61) - age^5: -3.88(-6.76,-0.996)** - pre45-225: -0.514(-0.884,-0.144)**

Shd-full **glmm.zinb, marg.R^2: 0.524, cond.R^2: 0.743**
 fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.08(3.93,4.22)*** - age^1: -28.6(-31.5,-25.8)*** - age^2: 0.789(-2.13,3.71) - age^3: -1.03(-4.17,2.12) -
 age^4: 0.811(-2.32,3.94) - age^5: -3.38(-6.32,-0.44)* - ctrl:shd.post>90: -0.0874(-0.231,0.0558) - pre45-
 225:shd.post>90: -0.583(-1.02,-0.141)*

BC-reduced **glmm.zinb, marg.R^2: 0.5, cond.R^2: 0.744**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.12(3.96,4.29)*** - age^1: -29.3(-32.2,-26.5)*** - age^2: -0.102(-2.96,2.75) - age^3: -1.3(-4.38,1.78) -
 age^4: 0.544(-2.52,3.61) - age^5: -3.88(-6.76,-0.996)** - pre45-225: -0.514(-0.884,-0.144)**

BC-full **glmm.zinb, marg.R^2: 0.514, cond.R^2: 0.75**
 fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.06(3.91,4.2)*** - age^1: -29.2(-32,-26.3)*** - age^2: 0.259(-2.61,3.13) - age^3: -1.66(-4.75,1.44) -
 age^4: 0.563(-2.52,3.65) - age^5: -3.55(-6.45,-0.645)* - ctrl:bray.post>90: -0.0636(-0.209,0.0817) - pre45-
 225:bray.post>90: -0.517(-0.949,-0.0857)*

Erysipelatoclostridium

Shd-reduced **glmm.zinb, marg.R^2: 0.188, cond.R^2: 0.726**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.19(3.97,4.41)*** - age^1: -15.8(-18.5,-13.1)*** - age^2: 6.16(3.74,8.57)*** - age^3: -4.61(-6.94,-2.28)***
 - age^4: 2.52(0.247,4.79)* - age^5: -2.16(-4.3,-0.0221)* - pre45-225: -0.327(-0.808,0.153)

Shd-full **glmm.zinb, marg.R^2: 0.233, cond.R^2: 0.729**
 fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.13(3.94,4.31)*** - age^1: -15.6(-18.3,-12.9)*** - age^2: 6.2(3.77,8.64)*** - age^3: -4.39(-6.73,-2.05)*** -
 age^4: 2.39(0.101,4.68)* - age^5: -2.01(-4.16,0.144) - ctrl:shd.post>90: -0.264(-0.452,-0.0747)** - pre45-
 225:shd.post>90: 0.397(-0.145,0.939)

BC-reduced **glmm.zinb, marg.R^2: 0.188, cond.R^2: 0.726**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.19(3.97,4.41)*** - age^1: -15.8(-18.5,-13.1)*** - age^2: 6.16(3.74,8.57)*** - age^3: -4.61(-6.94,-2.28)***
 - age^4: 2.52(0.247,4.79)* - age^5: -2.16(-4.3,-0.0221)* - pre45-225: -0.327(-0.808,0.153)

BC-full **glmm.zinb, marg.R^2: 0.267, cond.R^2: 0.716**
 fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 4.15(3.97,4.33)*** - age^1: -15.3(-18,-12.6)*** - age^2: 6.36(3.94,8.77)*** - age^3: -4.97(-7.29,-2.65)*** -
 age^4: 3.01(0.739,5.28)** - age^5: -2.37(-4.51,-0.235)* - ctrl:bray.post>90: 0.358(0.175,0.54)*** - pre45-
 225:bray.post>90: 0.126(-0.365,0.617)

Escherichia-Shigella

Shd-reduced **glmm.zinb, marg.R^2: 0.519, cond.R^2: 0.723**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 5.24(5.08,5.4)*** - age^1: -30.5(-33,-28)*** - age^2: 9.27(6.87,11.7)*** - age^3: 2.59(0.243,4.95)* -
 age^4: -1.43(-3.72,0.864) - age^5: -3.22(-5.52,-0.919)** - pre45-225: -0.256(-0.617,0.106)

Shd-full **glmm.zinb, marg.R^2: 0.524, cond.R^2: 0.72**
 fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
 Intrcpt: 5.2(5.06,5.34)*** - age^1: -30.3(-32.8,-27.8)*** - age^2: 9.61(7.17,12)*** - age^3: 2.33(-0.0551,4.72) -
 age^4: -1.52(-3.84,0.804) - age^5: -3.03(-5.35,-0.702)* - ctrl:shd.post>90: -0.0982(-0.242,0.0456) - pre45-
 225:shd.post>90: 0.194(-0.221,0.609)

BC-reduced **glmm.zinb, marg.R^2: 0.519, cond.R^2: 0.723**
 fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)

Intrcpt: 5.24(5.08,5.4)*** - age^1: -30.5(-33,28)*** - age^2: 9.27(6.87,11.7)*** - age^3: 2.59(0.243,4.95)* - age^4: -1.43(-3.72,0.864) - age^5: -3.22(-5.52,-0.919)** - pre45-225: -0.256(-0.617,0.106)

BC-full
glmm.zinb, marg.R^2: 0.518, cond.R^2: 0.721
fixed~poly(age,5)+group.ref:bray.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 5.2(5.06,5.35)*** - age^1: -30.2(-32.7,-27.7)*** - age^2: 9.19(6.78,11.6)*** - age^3: 2.52(0.157,4.88)* - age^4: -1.44(-3.74,0.864) - age^5: -3.18(-5.49,-0.876)** - ctrl:bray.post>90: -0.0653(-0.211,0.0801) - pre45-225:bray.post>90: -0.363(-0.747,0.0214)

Faecalibacterium
Shd-reduced
glmm.zinb, marg.R^2: 0.739, cond.R^2: 0.867
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 5.64(5.48,5.79)*** - age^1: 37(34.6,39.5)*** - age^2: -21.6(-23.9,-19.2)*** - age^3: 6.45(4.03,8.87)*** - age^4: 1.18(-1.15,3.52) - age^5: -0.567(-2.64,1.51) - pre45-225: -1.4(-1.81,-0.976)***

Shd-full
glmm.zinb, marg.R^2: 0.736, cond.R^2: 0.832
fixed~poly(age,5)+group.ref:shd.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 5.61(5.49,5.73)*** - age^1: 34.9(32.4,37.4)*** - age^2: -19.2(-21.6,-16.8)*** - age^3: 4.83(2.37,7.29)*** - age^4: 1.15(-1.24,3.54) - age^5: -0.203(-2.33,1.92) - ctrl:shd.post>90: 0.192(0.0776,0.306)** - pre45-225:shd.post>90: 0.475(0.062,0.888)*

BC-reduced
glmm.zinb, marg.R^2: 0.739, cond.R^2: 0.867
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 5.64(5.48,5.79)*** - age^1: 37(34.6,39.5)*** - age^2: -21.6(-23.9,-19.2)*** - age^3: 6.45(4.03,8.87)*** - age^4: 1.18(-1.15,3.52) - age^5: -0.567(-2.64,1.51) - pre45-225: -1.4(-1.81,-0.976)***

BC-full
glmm.zinb, marg.R^2: 0.727, cond.R^2: 0.833
fixed~poly(age,5)+group.ref:bray.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 5.6(5.48,5.73)*** - age^1: 35(32.4,37.5)*** - age^2: -19.6(-21.9,-17.2)*** - age^3: 5.3(2.84,7.76)*** - age^4: 0.813(-1.59,3.21) - age^5: 0.0288(-2.1,2.16) - ctrl:bray.post>90: -0.139(-0.257,-0.0206)* - pre45-225:bray.post>90: -0.203(-0.627,0.222)

Flavonifractor
Shd-reduced
glmm.zinb, marg.R^2: 0.225, cond.R^2: 0.58
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3(2.85,3.15)*** - age^1: 5.51(2.78,8.24)*** - age^2: -8.29(-11,-5.57)*** - age^3: 8.63(5.96,11.3)*** - age^4: -4.45(-6.78,-2.12)*** - age^5: 4.99(2.81,7.18)*** - pre45-225: -0.00201(-0.363,0.359)

Shd-full
glmm.zinb, marg.R^2: 0.262, cond.R^2: 0.569
fixed~poly(age,5)+group.ref:shd.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3(2.87,3.13)*** - age^1: 5.91(3.22,8.6)*** - age^2: -8.57(-11.3,-5.87)*** - age^3: 8.75(6.11,11.4)*** - age^4: -4.42(-6.72,-2.12)*** - age^5: 4.83(2.67,6.99)*** - ctrl:shd.post>90: -0.121(-0.241,-0.00188)* - pre45-225:shd.post>90: -0.39(-0.791,0.012)

BC-reduced
glmm.zinb, marg.R^2: 0.225, cond.R^2: 0.58
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3(2.85,3.15)*** - age^1: 5.51(2.78,8.24)*** - age^2: -8.29(-11,-5.57)*** - age^3: 8.63(5.96,11.3)*** - age^4: -4.45(-6.78,-2.12)*** - age^5: 4.99(2.81,7.18)*** - pre45-225: -0.00201(-0.363,0.359)

BC-full
glmm.zinb, marg.R^2: 0.262, cond.R^2: 0.573
fixed~poly(age,5)+group.ref:bray.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 2.98(2.85,3.11)*** - age^1: 5.88(3.17,8.59)*** - age^2: -8.34(-11.1,-5.63)*** - age^3: 8.81(6.14,11.5)*** - age^4: -4.51(-6.84,-2.19)*** - age^5: 5.07(2.89,7.24)*** - ctrl:bray.post>90: 0.144(0.0208,0.268)* - pre45-225:bray.post>90: 0.465(0.0656,0.864)*

Haemophilus
Shd-reduced
glmm.zinb, marg.R^2: 0.0939, cond.R^2: 0.52
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.04(3.86,4.22)*** - age^1: -2.31(-4.81,0.185) - age^2: -8.8(-11.2,-6.4)*** - age^3: 5.06(2.67,7.44)*** - age^4: 0.952(-1.4,3.3) - age^5: -3.79(-6.12,-1.46)** - pre45-225: 0.0805(-0.347,0.508)

Shd-full
glmm.zinb, marg.R^2: 0.0996, cond.R^2: 0.522
fixed~poly(age,5)+group.ref:shd.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.05(3.89,4.21)*** - age^1: -2.39(-4.87,0.095) - age^2: -8.71(-11.1,-6.31)*** - age^3: 5.04(2.66,7.42)*** - age^4: 0.953(-1.4,3.3) - age^5: -3.77(-6.09,-1.44)** - ctrl:shd.post>90: -0.0519(-0.219,0.115) - pre45-225:shd.post>90: 0.317(-0.166,0.8)

BC-reduced
glmm.zinb, marg.R^2: 0.0939, cond.R^2: 0.52
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.04(3.86,4.22)*** - age^1: -2.31(-4.81,0.185) - age^2: -8.8(-11.2,-6.4)*** - age^3: 5.06(2.67,7.44)*** - age^4: 0.952(-1.4,3.3) - age^5: -3.79(-6.12,-1.46)** - pre45-225: 0.0805(-0.347,0.508)

BC-full
glmm.zinb, marg.R^2: 0.107, cond.R^2: 0.525
fixed~poly(age,5)+group.ref:bray.ltp, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.06(3.9,4.23)*** - age^1: -2.29(-4.78,0.189) - age^2: -8.82(-11.2,-6.43)*** - age^3: 5.22(2.85,7.6)*** - age^4: 1.04(-1.31,3.38) - age^5: -3.87(-6.19,-1.54)** - ctrl:bray.post>90: 0.121(-0.0475,0.289) - pre45-225:bray.post>90: -0.242(-0.68,0.195)

Intestinibacter
Shd-reduced
glmm.zinb, marg.R^2: 0.159, cond.R^2: 0.412
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)

Intrcpt: 4.74(4.61,4.86)*** - age^1: 9.26(6.59,11.9)*** - age^2: -4.34(-6.94,-1.74)** - age^3: 3.82(1.35,6.29)** - age^4: -2.35(-4.67,-0.0298)* - age^5: -0.164(-2.27,1.94) - pre45-225: 0.0917(-0.22,0.403)

Shd-full **glmm.zinb, marg.R^2: 0.161, cond.R^2: 0.409**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.75(4.64,4.87)*** - age^1: 9.11(6.45,11.8)*** - age^2: -4.45(-7.05,-1.84)*** - age^3: 3.87(1.39,6.35)** - age^4: -2.35(-4.67,-0.0232)* - age^5: -0.236(-2.34,1.87) - ctrl:shd.post>90: 0.0626(-0.0441,0.169) - pre45-225:shd.post>90: 0.0314(-0.356,0.418)

BC-reduced **glmm.zinb, marg.R^2: 0.159, cond.R^2: 0.412**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.74(4.61,4.86)*** - age^1: 9.26(6.59,11.9)*** - age^2: -4.34(-6.94,-1.74)** - age^3: 3.82(1.35,6.29)** - age^4: -2.35(-4.67,-0.0298)* - age^5: -0.164(-2.27,1.94) - pre45-225: 0.0917(-0.22,0.403)

BC-full **glmm.zinb, marg.R^2: 0.181, cond.R^2: 0.424**
fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.74(4.62,4.85)*** - age^1: 9.61(6.96,12.3)*** - age^2: -4.63(-7.21,-2.04)*** - age^3: 4.18(1.71,6.64)*** - age^4: -2.51(-4.82,-0.192)* - age^5: -0.081(-2.18,2.01) - ctrl:bray.post>90: 0.0694(-0.0368,0.176) - pre45-225:bray.post>90: 0.322(-0.0248,0.668)

Lachnoclostridium

Shd-reduced **glmm.zinb, marg.R^2: 0.0679, cond.R^2: 0.579**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.57(4.39,4.75)*** - age^1: 0.396(-2.18,2.97) - age^2: -6.98(-9.43,-4.52)*** - age^3: 0.144(-2.29,2.57) - age^4: 3.44(1.13,5.74)** - age^5: -2.92(-4.97,-0.882)** - pre45-225: -0.47(-0.882,-0.0574)*

Shd-full **glmm.zinb, marg.R^2: 0.0864, cond.R^2: 0.574**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.49(4.33,4.65)*** - age^1: 0.671(-1.89,3.23) - age^2: -6.7(-9.18,-4.23)*** - age^3: -0.199(-2.64,2.24) - age^4: 3.61(1.29,5.92)** - age^5: -2.92(-4.97,-0.877)** - ctrl:shd.post>90: -0.162(-0.32,-0.0039)* - pre45-225:shd.post>90: 0.0939(-0.377,0.565)

BC-reduced **glmm.zinb, marg.R^2: 0.0679, cond.R^2: 0.579**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.57(4.39,4.75)*** - age^1: 0.396(-2.18,2.97) - age^2: -6.98(-9.43,-4.52)*** - age^3: 0.144(-2.29,2.57) - age^4: 3.44(1.13,5.74)** - age^5: -2.92(-4.97,-0.882)** - pre45-225: -0.47(-0.882,-0.0574)*

BC-full **glmm.zinb, marg.R^2: 0.109, cond.R^2: 0.575**
fixed~poly(age,5)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.51(4.35,4.67)*** - age^1: 0.516(-2.04,3.07) - age^2: -6.51(-8.97,-4.05)*** - age^3: -0.336(-2.77,2.1) - age^4: 3.79(1.48,6.1)** - age^5: -3.07(-5.12,-1.03)** - ctrl:bray.post>90: 0.23(0.076,0.384)** - pre45-225:bray.post>90: -0.228(-0.633,0.177)

Romboutsia

Shd-reduced **glmm.zinb, marg.R^2: 0.887, cond.R^2: 0.953**
fixed~poly(age,4)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3.12(2.89,3.34)*** - age^1: 62(56.1,67.9)*** - age^2: -51(-56.5,-45.5)*** - age^3: 32.6(28.3,37)*** - age^4: -14(-17.1,-10.9)*** - pre45-225: -0.759(-1.23,-0.284)**

Shd-full **glmm.zinb, marg.R^2: 0.88, cond.R^2: 0.95**
fixed~poly(age,4)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3.05(2.83,3.26)*** - age^1: 61(55.2,66.8)*** - age^2: -49.1(-54.5,-43.6)*** - age^3: 31(26.6,35.3)*** - age^4: -13.3(-16.4,-10.3)*** - ctrl:shd.post>90: 0.0692(-0.101,0.24) - pre45-225:shd.post>90: 0.172(-0.373,0.717)

BC-reduced **glmm.zinb, marg.R^2: 0.887, cond.R^2: 0.953**
fixed~poly(age,4)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3.12(2.89,3.34)*** - age^1: 62(56.1,67.9)*** - age^2: -51(-56.5,-45.5)*** - age^3: 32.6(28.3,37)*** - age^4: -14(-17.1,-10.9)*** - pre45-225: -0.759(-1.23,-0.284)**

BC-full **glmm.zinb, marg.R^2: 0.883, cond.R^2: 0.951**
fixed~poly(age,4)+group.ref:bray.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 3.05(2.84,3.27)*** - age^1: 61.5(55.6,67.3)*** - age^2: -49.5(-55,-44)*** - age^3: 31.3(27,35.7)*** - age^4: -13.4(-16.5,-10.3)*** - ctrl:bray.post>90: 0.0336(-0.134,0.201) - pre45-225:bray.post>90: -0.369(-0.864,0.127)

Roseburia

Shd-reduced **glmm.zinb, marg.R^2: 0.67, cond.R^2: 0.86**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.63(4.44,4.81)*** - age^1: 31.1(27.4,34.9)*** - age^2: -23.5(-27.2,-19.9)*** - age^3: 9.91(6.47,13.4)*** - age^4: -3.17(-6.32,-0.0181)* - age^5: 1.24(-1.27,3.74) - pre45-225: -0.222(-0.696,0.251)

Shd-full **glmm.zinb, marg.R^2: 0.675, cond.R^2: 0.85**
fixed~poly(age,5)+group.ref:shd.ltpt, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.59(4.42,4.76)*** - age^1: 30.7(26.8,34.6)*** - age^2: -23(-26.8,-19.2)*** - age^3: 9.57(5.96,13.2)*** - age^4: -3.28(-6.57,0.0137) - age^5: 1.46(-1.14,4.06) - ctrl:shd.post>90: 0.176(0.0254,0.326)* - pre45-225:shd.post>90: 0.609(0.0844,1.13)*

BC-reduced **glmm.zinb, marg.R^2: 0.67, cond.R^2: 0.86**
fixed~poly(age,5)+group.ref, random~(1|ID.S), zi_fixed~TRUE, zi_random~(TRUE)
Intrcpt: 4.63(4.44,4.81)*** - age^1: 31.1(27.4,34.9)*** - age^2: -23.5(-27.2,-19.9)*** - age^3: 9.91(6.47,13.4)*** - age^4: -3.17(-6.32,-0.0181)* - age^5: 1.24(-1.27,3.74) - pre45-225: -0.222(-0.696,0.251)

BC-full		glmm.zinb, marg.R²: 0.672, cond.R²: 0.858 fixed~poly(age,5)+group.ref:bray.ltpt, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 4.62(4.45,4.79)*** - age^1: 31(27.2,34.7)*** - age^2: -23.1(-26.8,-19.5)*** - age^3: 9.57(6.14,13)*** - age^4: -2.96(-6.11,0.192) - age^5: 1.18(-1.33,3.69) - ctrl:bray.post>90: 0.012(-0.142,0.166) - pre45- 225:bray.post>90: -0.517(-1.06,0.0238)
Streptococcus		
Shd-reduced		glmm.zinb, marg.R²: 0.0783, cond.R²: 0.145 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.9(5.79,6.02)*** - age^1: -5.76(-8.44,-3.08)*** - age^2: 1.19(-1.48,3.85) - age^3: -5.76(-8.43,-3.09)*** - age^4: 5.7(3.05,8.35)*** - age^5: -1.55(-4.21,1.11) - pre45-225: -0.0842(-0.44,0.271)
Shd-full		glmm.zinb, marg.R²: 0.0792, cond.R²: 0.143 fixed~poly(age,5)+group.ref:shd.ltpt, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.9(5.79,6)*** - age^1: -5.68(-8.32,-3.04)*** - age^2: 1.28(-1.39,3.94) - age^3: -5.78(-8.44,-3.13)*** - age^4: 5.74(3.09,8.39)*** - age^5: -1.47(-4.12,1.19) - ctrl:shd.post>90: -0.0295(-0.135,0.0758) - pre45- 225:shd.post>90: 0.0437(-0.37,0.458)
BC-reduced		glmm.zinb, marg.R²: 0.0783, cond.R²: 0.145 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.9(5.79,6.02)*** - age^1: -5.76(-8.44,-3.08)*** - age^2: 1.19(-1.48,3.85) - age^3: -5.76(-8.43,-3.09)*** - age^4: 5.7(3.05,8.35)*** - age^5: -1.55(-4.21,1.11) - pre45-225: -0.0842(-0.44,0.271)
BC-full		glmm.zinb, marg.R²: 0.0812, cond.R²: 0.151 fixed~poly(age,5)+group.ref:bray.ltpt, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.88(5.78,5.99)*** - age^1: -5.59(-8.22,-2.96)*** - age^2: 1.38(-1.26,4.02) - age^3: -5.78(-8.42,-3.14)*** - age^4: 5.63(2.99,8.27)*** - age^5: -1.4(-4.04,1.25) - ctrl:bray.post>90: 0.0384(-0.0687,0.145) - pre45- 225:bray.post>90: 0.176(-0.209,0.561)
Veillonella		
Shd-reduced		glmm.zinb, marg.R²: 0.472, cond.R²: 0.616 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.96(5.81,6.11)*** - age^1: -27.6(-30.2,-25)*** - age^2: -9.85(-12.5,-7.23)*** - age^3: 9.42(6.8,12)*** - age^4: 2.07(-0.53,4.68) - age^5: -7.09(-9.68,-4.5)*** - pre45-225: -0.169(-0.548,0.21)
Shd-full		glmm.zinb, marg.R²: 0.511, cond.R²: 0.626 fixed~poly(age,5)+group.ref:shd.ltpt, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.93(5.8,6.06)*** - age^1: -27.8(-30.4,-25.2)*** - age^2: -9.69(-12.3,-7.08)*** - age^3: 9.94(7.33,12.6)*** - age^4: 1.9(-0.701,4.5) - age^5: -6.89(-9.47,-4.31)*** - ctrl:shd.post>90: -0.241(-0.368,-0.114)*** - pre45- 225:shd.post>90: 0.027(-0.395,0.449)
BC-reduced		glmm.zinb, marg.R²: 0.472, cond.R²: 0.616 fixed~poly(age,5)+group.ref, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.96(5.81,6.11)*** - age^1: -27.6(-30.2,-25)*** - age^2: -9.85(-12.5,-7.23)*** - age^3: 9.42(6.8,12)*** - age^4: 2.07(-0.53,4.68) - age^5: -7.09(-9.68,-4.5)*** - pre45-225: -0.169(-0.548,0.21)
BC-full		glmm.zinb, marg.R²: 0.5, cond.R²: 0.618 fixed~poly(age,5)+group.ref:bray.ltpt, random~(1 ID.S), zi_fixed~TRUE, zi_random~(TRUE) Intrcpt: 5.96(5.83,6.09)*** - age^1: -27.7(-30.3,-25.1)*** - age^2: -9.71(-12.3,-7.09)*** - age^3: 9.58(6.96,12.2)*** - age^4: 2.14(-0.48,4.76) - age^5: -6.8(-9.4,-4.2)*** - ctrl:bray.post>90: 0.172(0.0421,0.301)* - pre45- 225:bray.post>90: -0.0183(-0.412,0.375)
