
age

Shd lme.formula, marg.R²: 0.163, cond.R²: 0.378

fixed~poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE, zi_random~(FALSE)
Intrcpt: -0.0129(-0.245,0.219) - age^1: 3.45(1.69,5.2)*** - age^2: 0.473(-1.27,2.22)
- age^3: 0.109(-1.66,1.88) - age^4: -0.529(-2.33,1.27) - age^5: -1.71(-3.58,0.165)

BC lme.formula, marg.R²: 0.112, cond.R²: 0.465

fixed~poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE, zi_random~(FALSE)
Intrcpt: 0.0369(-0.218,0.292) - age^1: -2.87(-4.56,-1.18)** - age^2: -0.17(-1.84,1.5)
- age^3: 0.684(-1.02,2.39) - age^4: 0.312(-1.44,2.06) - age^5: 1.35(-0.502,3.2)

Delivery.mode

Shd lme.formula, marg.R²: 0.171, cond.R²: 0.38

fixed~Delivery.mode-1+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)
Delivery.modeV: -0.0652(-0.319,0.188) - age^1: 3.5(1.74,5.26)*** - age^2:
0.575(-1.18,2.33) - age^3: 0.0609(-1.71,1.83) - age^4: -0.554(-2.35,1.24) - age^5:
-1.69(-3.56,0.177) - C.section: 0.255(-0.32,0.831)

BC lme.formula, marg.R²: 0.13, cond.R²: 0.475

fixed~Delivery.mode-1+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)
Delivery.modeV: 0.11(-0.168,0.387) - age^1: -2.93(-4.62,-1.25)** - age^2:
-0.271(-1.94,1.4) - age^3: 0.742(-0.957,2.44) - age^4: 0.345(-1.4,2.09) - age^5:
1.33(-0.516,3.17) - C.section: -0.34(-0.972,0.292)

atx.class

Shd lme.formula, marg.R²: 0.182, cond.R²: 0.402

fixed~atx.class-1+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)
atx.classAminopenicillin: -0.097(-0.479,0.285) - age^1: 3.41(1.64,5.18)*** - age^2:
0.576(-1.18,2.33) - age^3: 0.00169(-1.77,1.78) - age^4: -0.518(-2.32,1.28) - age^5:
-1.45(-3.37,0.461) - atx.classCephalosporin: 0.123(-0.215,0.461) - atx.classother:
-0.329(-1.04,0.387)

BC lme.formula, marg.R²: 0.113, cond.R²: 0.485

fixed~atx.class-1+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)
atx.classAminopenicillin: 0.014(-0.413,0.441) - age^1: -2.9(-4.61,-1.2)** - age^2:
-0.167(-1.85,1.51) - age^3: 0.69(-1.03,2.41) - age^4: 0.353(-1.4,2.11) - age^5:
1.3(-0.593,3.2) - atx.classCephalosporin: 0.0196(-0.353,0.393) - atx.classother:
0.201(-0.591,0.993)

symptoms

Shd lme.formula, marg.R²: 0.215, cond.R²: 0.408

fixed~symptoms-1+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)

symptomsunknown/other: -0.191(-0.685,0.303) - age¹: 3.57(1.83,5.31)^{***} -
age²: 0.283(-1.46,2.03) - age³: 0.104(-1.64,1.85) - age⁴: -0.667(-2.45,1.11) -
age⁵: -1.64(-3.53,0.247) - symptomsENT: 0.0684(-0.2,0.337) -
symptomsgastrointestinal: -1.52(-3.02,-0.0284)* - symptomsurogenital:
0.392(-0.798,1.58)

BC lme.formula, marg.R²: 0.182, cond.R²: 0.484

fixed~symptoms-1+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)

symptomsunknown/other: -0.435(-0.966,0.095) - age¹: -2.86(-4.54,-1.19)^{**} -
age²: -0.249(-1.92,1.42) - age³: 0.689(-0.998,2.38) - age⁴: 0.295(-1.44,2.03) -
age⁵: 1.63(-0.23,3.49) - symptomsENT: 0.132(-0.159,0.423) -
symptomsgastrointestinal: 1.36(-0.245,2.97) - symptomsurogenital:
0.114(-1.14,1.37)

breast.feeding

Shd lme.formula, marg.R²: 0.163, cond.R²: 0.398

fixed~breast.feeding.au+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)

Intrcpt: 0.00912(-0.236,0.255) - age¹: 3.51(1.73,5.28)^{***} - age²:
0.345(-1.42,2.11) - age³: 0.03(-1.76,1.82) - age⁴: -0.506(-2.33,1.32) - age⁵:
-1.65(-3.56,0.257) - bf.z-score: -0.0516(-0.345,0.242)

BC lme.formula, marg.R²: 0.106, cond.R²: 0.463

fixed~breast.feeding.au+poly(age.scaled,5), random~(1|ID.S), zi_fixed~FALSE,
zi_random~(FALSE)

Intrcpt: 0.0389(-0.225,0.303) - age¹: -2.67(-4.37,-0.961)^{**} - age²:
-0.278(-1.97,1.41) - age³: 0.634(-1.09,2.35) - age⁴: 0.316(-1.45,2.09) - age⁵:
1.39(-0.486,3.27) - bf.z-score: -0.0659(-0.381,0.249)

full model

Shd lme.formula, marg.R²: 0.23, cond.R²: 0.456

fixed~-1+Delivery.mode+breast.feeding.au+symptoms+atx.class+poly(age.scaled,5),
random~(1|ID.S), zi_fixed~FALSE, zi_random~(FALSE)

Delivery.modeV: -0.358(-1.02,0.309) - age¹: 3.58(1.8,5.36)^{***} - age²:
0.284(-1.5,2.07) - age³: -0.074(-1.86,1.71) - age⁴: -0.653(-2.47,1.16) - age⁵:
-1.38(-3.39,0.635) - C.section: -0.185(-1.11,0.741) - bf.z-score: -0.115(-0.435,0.204)
- symptomsENT: 0.301(-0.32,0.921) - symptomsgastrointestinal: -1.27(-3.14,0.61) -
symptomsurogenital: 0.789(-0.628,2.21) - atx.classCephalosporin:
0.229(-0.341,0.8) - atx.classother: 0.043(-0.907,0.993)

BC lme.formula, marg.R²: 0.184, cond.R²: 0.496

fixed~-1+Delivery.mode+breast.feeding.au+symptoms+atx.class+poly(age.scaled,5),
random~(1|ID.S), zi_fixed~FALSE, zi_random~(FALSE)

Delivery.modeV: -0.442(-1.14,0.261) - age¹: -2.84(-4.55,-1.12)^{**} - age²:
-0.336(-2.05,1.38) - age³: 0.647(-1.08,2.37) - age⁴: 0.382(-1.38,2.15) - age⁵:
1.8(-0.163,3.76) - C.section: -0.95(-1.92,0.0232) - bf.z-score: -0.121(-0.455,0.213) -
symptomsENT: 0.52(-0.131,1.17) - symptomsgastrointestinal: 1.79(-0.17,3.75) -
symptomsurogenital: 0.579(-0.888,2.05) - atx.classCephalosporin:
0.258(-0.339,0.855) - atx.classother: -0.0598(-1.05,0.932)
