https://mc-stan.org/docs/2\_18/stan-users-guide/sampling-difficulties-with-problematic-priors.html

summary(fitted.model)$summary[which(substr(row.names(as.data.frame(summary(fitted.model)$summary)),1,2)=="bx"),]

mean se\_mean sd 2.5% 25% 50% 75% 97.5% n\_eff Rhat

bx[1] 4.9155804 14.2536509 66.791266 -118.485129 -37.595556 2.00458726 53.12185960 138.317140 21.95771 1.158520

bx[2] 4.2397379 13.6269891 63.840290 -113.642638 -36.537150 1.44736582 50.44853079 131.753845 21.94774 1.158649

bx[3] 4.1415502 13.0003750 60.889566 -108.320241 -34.919466 1.47585596 48.35285679 125.908656 21.93684 1.158789

bx[4] 3.9705955 12.3738159 57.939132 -103.033462 -33.322946 1.40875139 46.18398920 119.993090 21.92485 1.158944

bx[5] 3.6930836 11.7473508 54.989034 -97.936418 -31.729214 1.35683841 43.73137076 113.970966 21.91151 1.159114

bx[6] 3.3304416 11.1209653 52.039331 -92.793684 -30.333298 1.13530448 41.36712252 107.853782 21.89669 1.159304

bx[7] 3.2395662 10.4946680 49.090093 -87.566407 -28.730690 1.15757882 39.17944750 101.580552 21.88015 1.159515

bx[8] 2.7370484 9.8684757 46.141409 -82.664402 -27.541114 0.85721833 36.51338225 94.910863 21.86158 1.159752

bx[9] 2.5684821 9.2424097 43.193392 -77.421752 -25.981487 0.82893552 34.35589291 88.848557 21.84058 1.160019

bx[10] 2.2985158 8.6164978 40.246191 -72.262491 -24.470844 0.67753201 32.00107412 82.684851 21.81665 1.160324

bx[11] 1.9485604 7.9907759 37.299996 -67.024274 -23.029466 0.46992883 29.41841957 76.441157 21.78912 1.160675

bx[12] 1.4795549 7.3652926 34.355069 -61.976702 -21.585746 0.14447974 26.81053895 70.078412 21.75713 1.161082

bx[13] 1.0417351 6.7401144 31.411764 -56.907321 -20.246730 -0.15708966 24.09291592 63.746853 21.71952 1.161560

bx[14] 0.9142207 6.1153347 28.470586 -51.665477 -18.728018 -0.10894166 21.68186566 57.725599 21.67466 1.162129

bx[15] 0.7124848 5.4910898 25.532269 -46.239199 -17.047972 -0.07209245 19.20635624 51.370669 21.62030 1.162818

bx[16] 0.3362272 4.8676270 22.597930 -41.180290 -15.485141 -0.30350230 16.90666691 44.737271 21.55275 1.163666

bx[17] -0.2672723 4.2452907 19.669348 -36.559684 -14.334340 -0.76842510 14.12133319 37.901889 21.46669 1.164733

bx[18] -0.4126194 3.6245768 16.749545 -31.019731 -12.571574 -0.79341802 11.85977331 32.756154 21.35460 1.166110

bx[19] -0.8516954 3.0066007 13.844074 -25.873037 -11.263640 -0.92598871 9.13111176 26.496257 21.20197 1.167936

bx[20] -1.0568165 2.3934707 10.964337 -20.474964 -9.730437 -0.83009000 6.60270647 20.807348 20.98498 1.170408

bx[21] -1.3715204 1.7903044 8.137699 -15.411717 -8.255583 -0.82017014 3.85727675 15.395270 20.66091 1.173643

bx[22] -1.5127277 1.2126372 5.447454 -10.610374 -6.325488 -1.17624817 2.01300293 9.679855 20.18020 1.176016

bx[23] -1.9010785 0.7340035 3.251851 -7.379709 -4.380135 -2.03166029 0.74704137 4.812263 19.62749 1.156976

bx[24] -2.1206387 0.6028480 2.986883 -8.607777 -4.208187 -2.09713230 0.02856916 3.105623 24.54826 1.096763

bx[25] -2.3872356 0.9799101 4.971475 -13.551908 -5.033076 -2.20737373 0.97507177 7.116172 25.73938 1.111846

bx[26] -2.6734455 1.5390817 7.612937 -20.052133 -7.612561 -2.39045151 2.20247648 11.973190 24.46702 1.127020

bx[27] -2.9148738 2.1363983 10.423302 -24.913986 -10.099068 -1.92902441 3.47126051 17.057722 23.80380 1.135060

bx[28] -3.1959299 2.7469982 13.295894 -29.877771 -12.441512 -2.06106914 4.79468413 22.093775 23.42709 1.139731

bx[29] -3.4390782 3.3636563 16.197640 -35.209861 -14.802072 -2.00732155 5.85853961 27.104126 23.18890 1.142727

bx[30] -3.6760133 3.9835820 19.115267 -40.826739 -17.185565 -2.06134455 7.17279780 31.959912 23.02572 1.144795

bx[31] -3.9792475 4.6054829 22.042470 -46.532167 -19.385423 -2.34231507 8.54051736 36.834415 22.90710 1.146302

bx[32] -4.2967254 5.2286340 24.975882 -52.167949 -21.491561 -2.66628481 9.73292949 41.727812 22.81735 1.147447

bx[33] -4.5050696 5.8526360 27.913546 -58.093376 -23.796678 -2.56486631 11.22999987 46.617257 22.74715 1.148346

bx[34] -4.8960307 6.4772430 30.854247 -64.106961 -26.287327 -2.82447841 12.77821222 51.658872 22.69079 1.149068

bx[35] -5.0871850 7.1022955 33.797193 -70.220673 -28.646883 -2.97937543 14.45679293 57.040760 22.64455 1.149662

bx[36] -5.4909327 7.7276854 36.741844 -76.328528 -31.161193 -3.31063116 15.89458200 62.160996 22.60596 1.150159

bx[37] -5.7687301 8.3533370 39.687821 -81.834849 -33.609823 -3.48178674 17.56917194 67.401666 22.57327 1.150580

bx[38] -5.8992863 8.9791954 42.634848 -87.213521 -35.901102 -3.48318107 19.22522821 72.821723 22.54523 1.150941

bx[39] -6.2386719 9.6052204 45.582722 -93.148259 -38.431488 -3.70817474 20.68369404 78.065318 22.52091 1.151255

bx[40] -6.5758214 10.2313813 48.531290 -99.131009 -40.872351 -3.93060789 22.06794407 83.055431 22.49962 1.151530

bx[41] -6.9643129 10.8576547 51.480430 -105.282406 -43.430488 -4.17694626 23.50409425 87.959966 22.48083 1.151772

bx[42] -6.9503511 11.4840221 54.430052 -111.170250 -45.553414 -4.02821436 25.30944488 93.249598 22.46412 1.151988

bx[43] -7.4575807 12.1104690 57.380079 -117.579285 -48.283598 -4.41754488 26.66188295 98.017937 22.44917 1.152181

bx[44] -7.8725546 12.7369835 60.330453 -123.896064 -50.905896 -4.71556919 28.10574693 102.878532 22.43572 1.152355

bx[45] -8.0758918 13.3635563 63.281126 -129.999405 -53.268515 -4.81375529 29.74165125 107.995629 22.42355 1.152513

bx[46] -8.5229650 13.9901795 66.232056 -136.275797 -55.785960 -5.11331216 30.97461928 112.918898 22.41248 1.152656