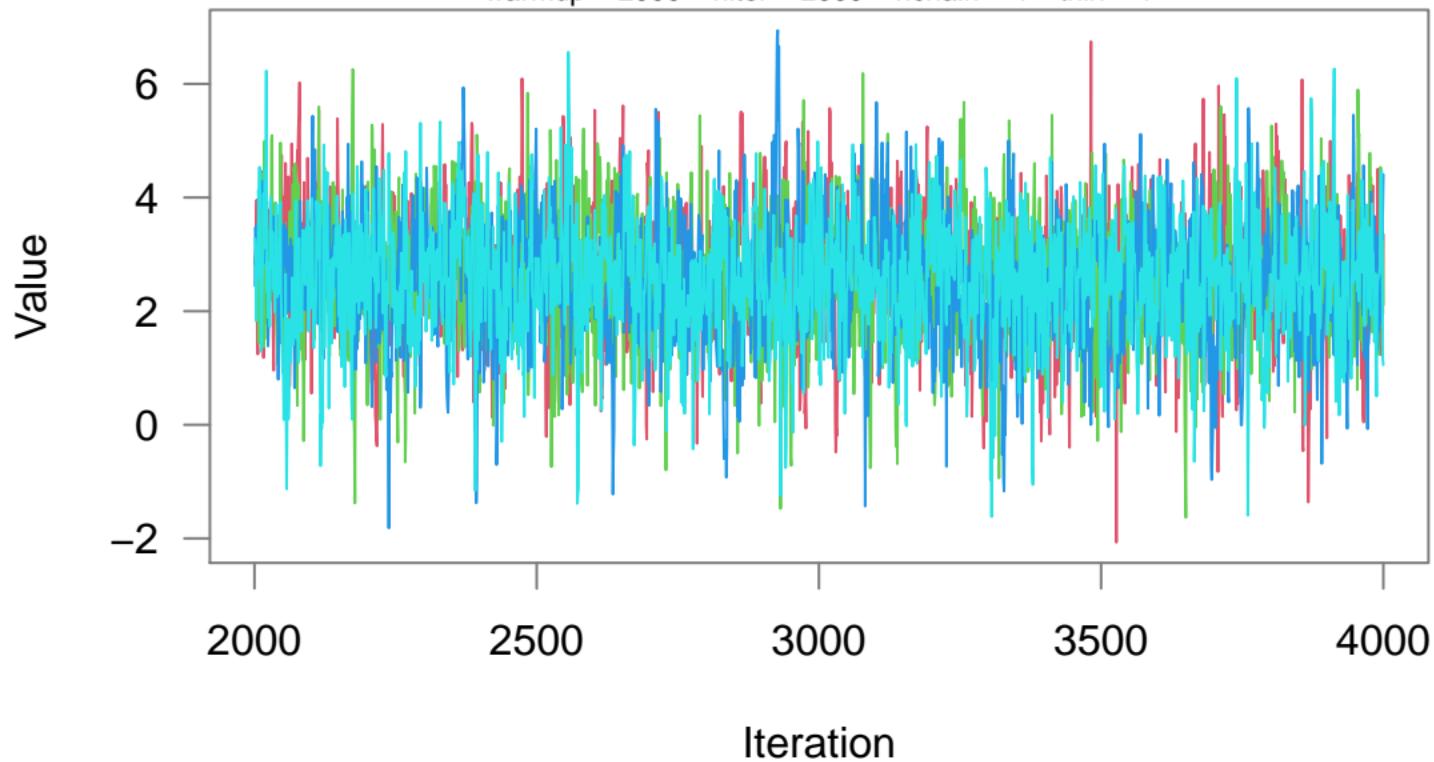


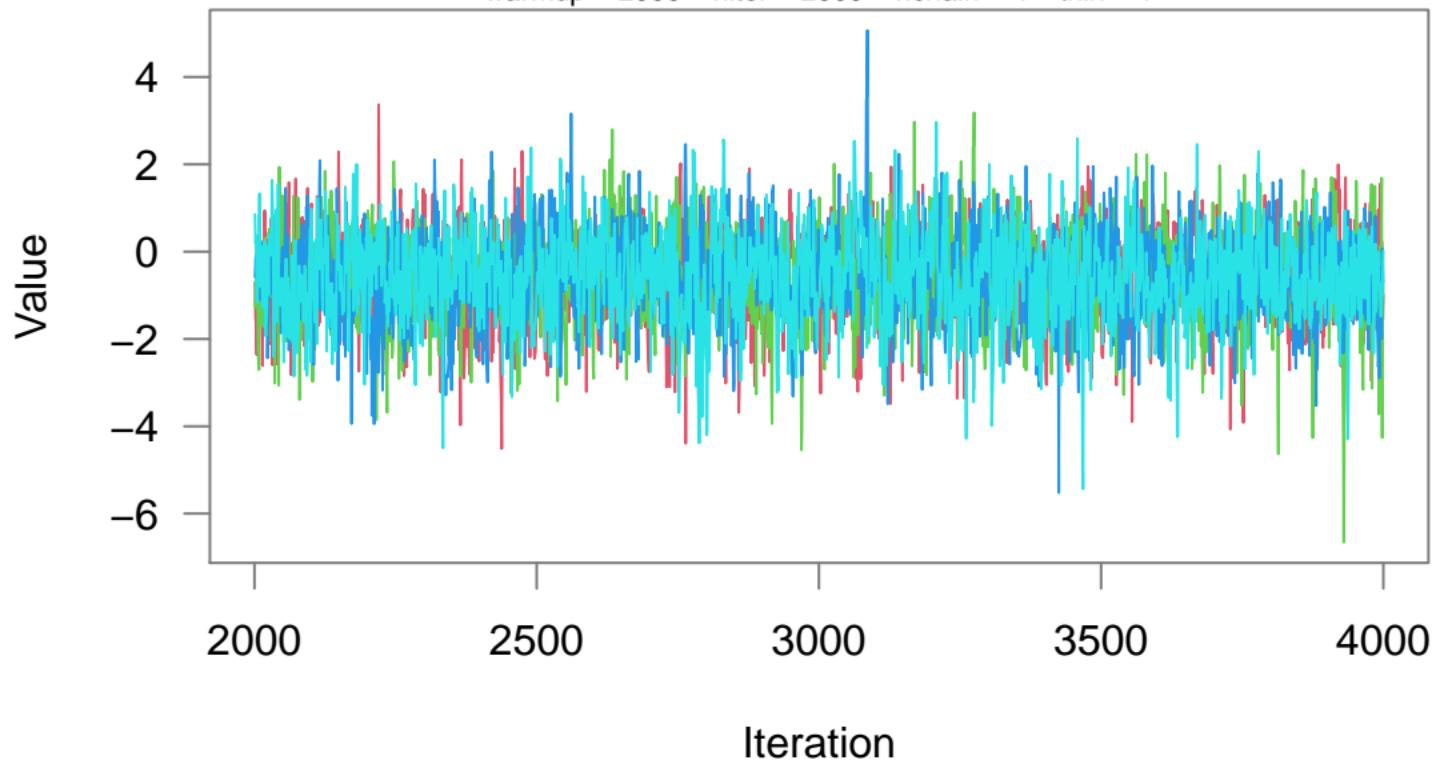
b_Intercept

warmup = 2000 niter = 2000 nchain = 4 thin = 1



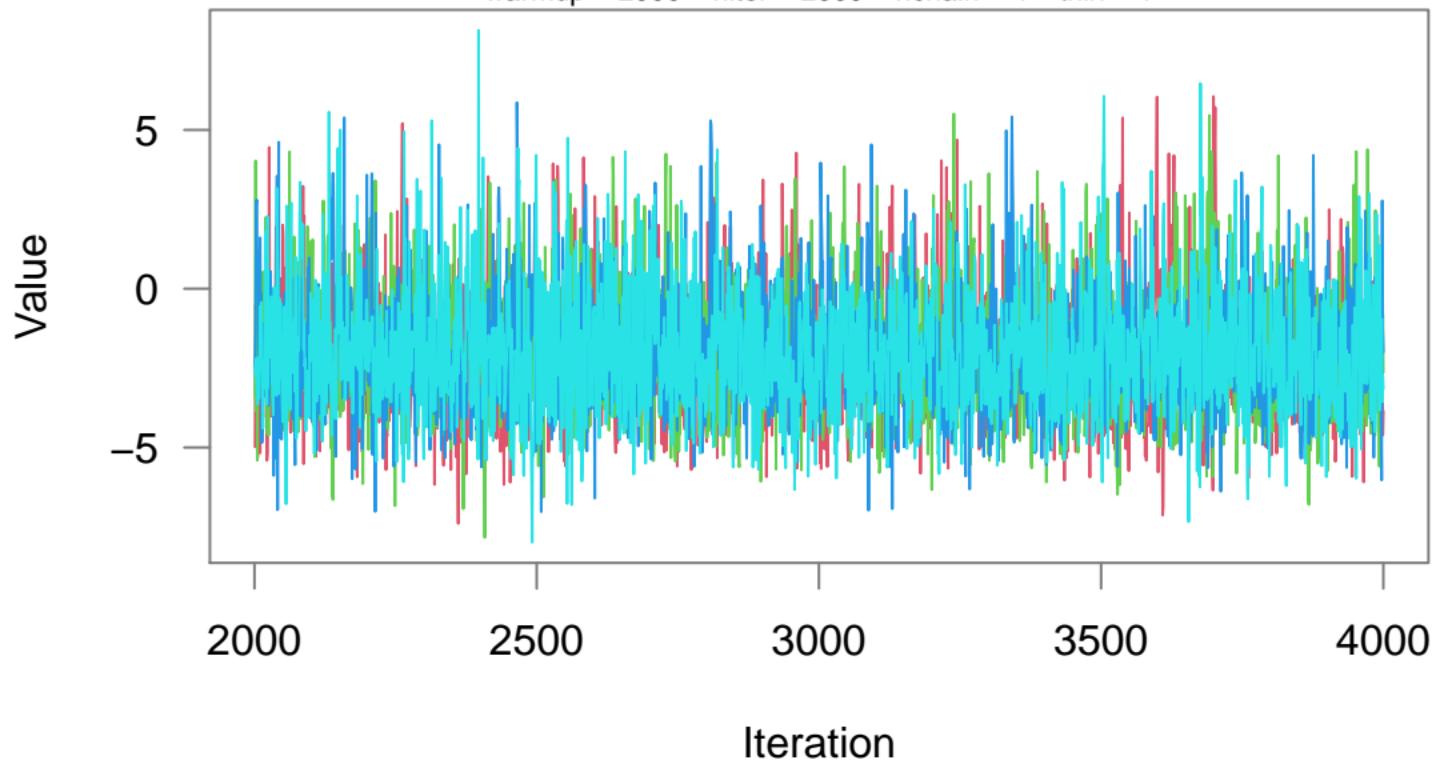
b_zi_Intercept

warmup = 2000 niter = 2000 nchain = 4 thin = 1



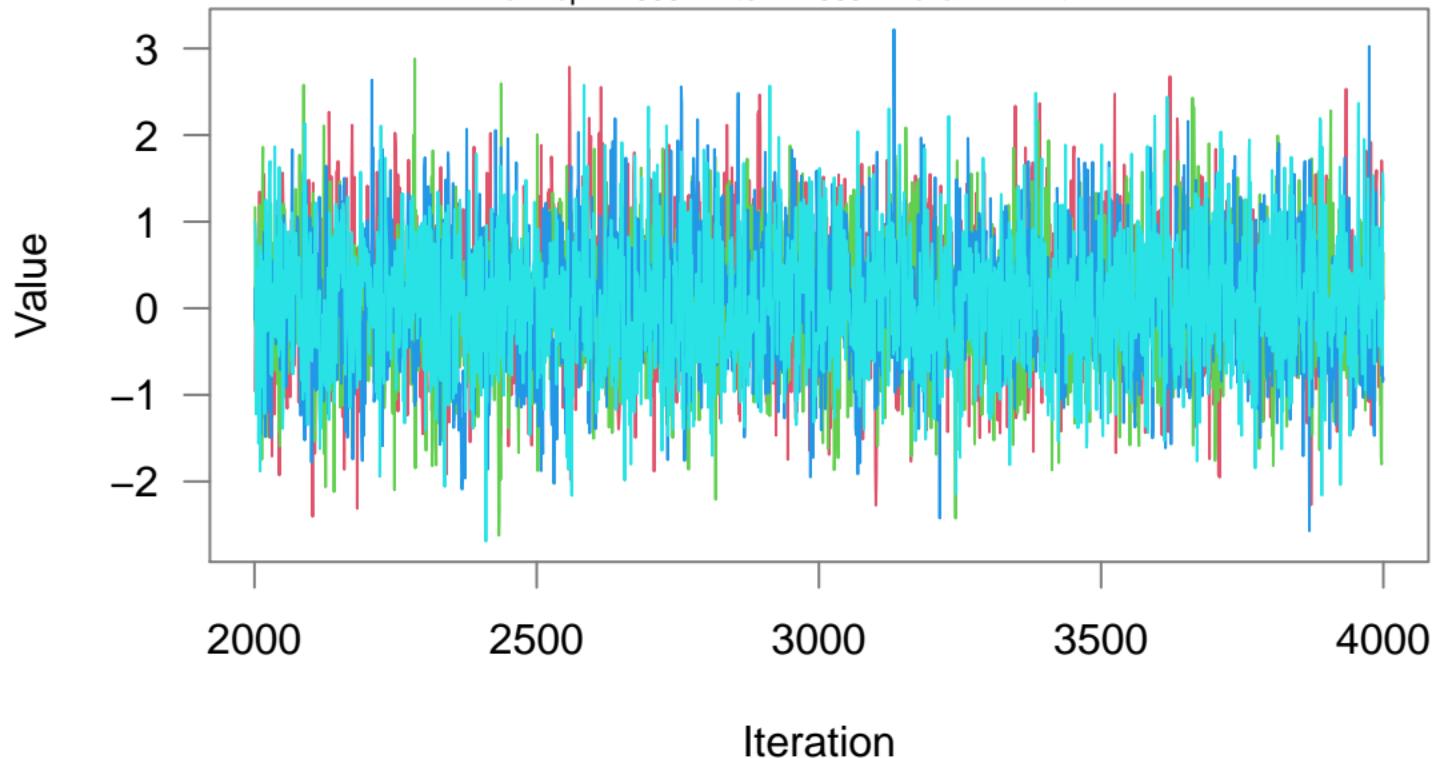
b_year_fac2007

warmup = 2000 niter = 2000 nchain = 4 thin = 1



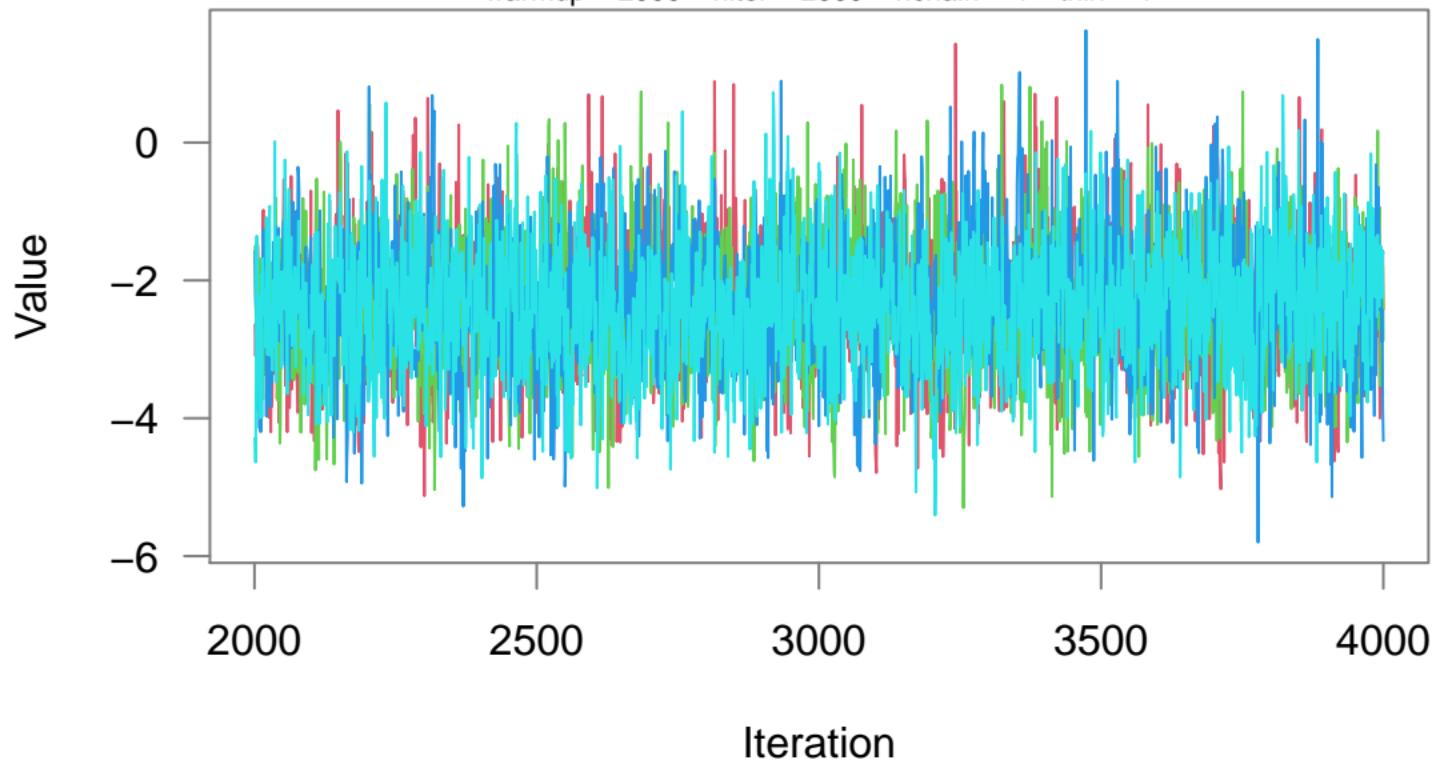
b_year_fac2008

warmup = 2000 niter = 2000 nchain = 4 thin = 1



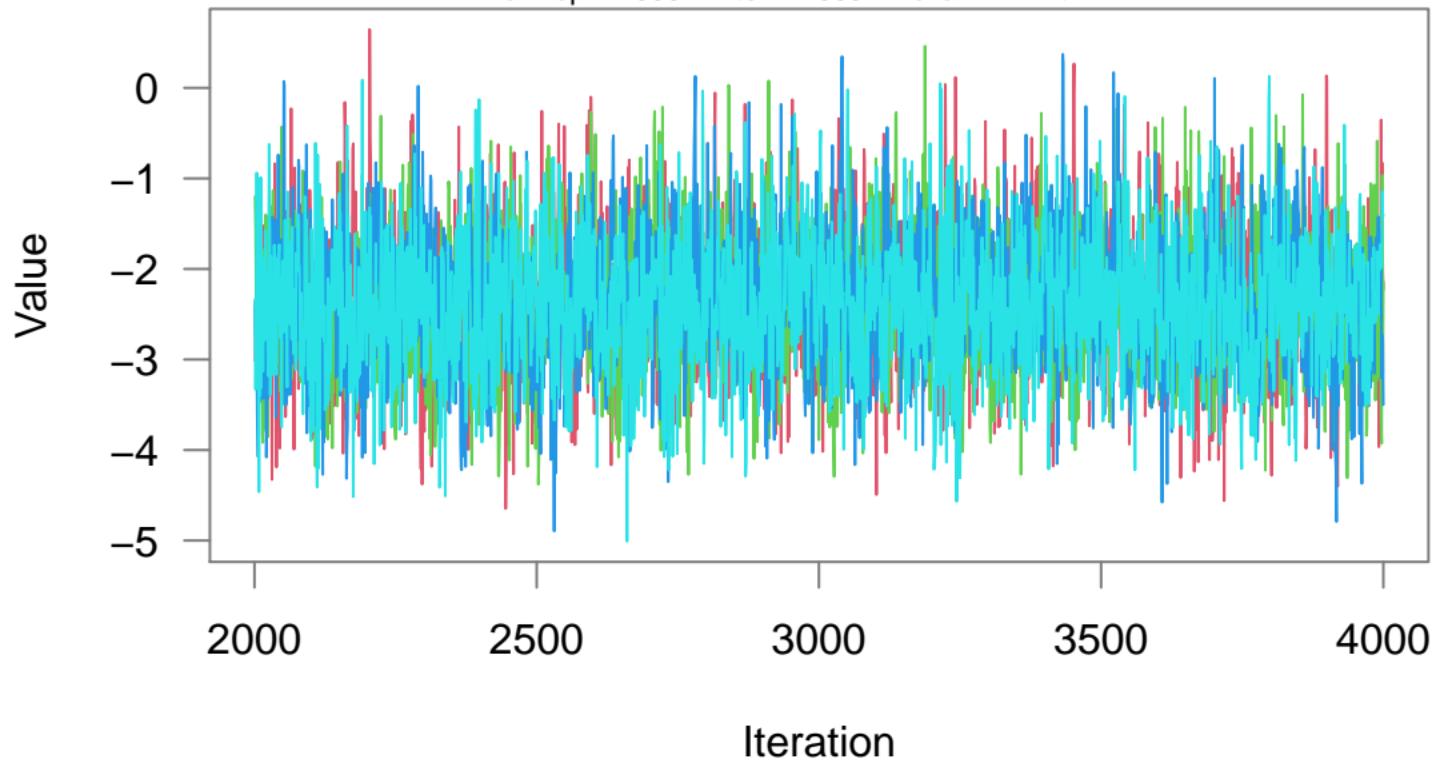
b_year_fac2009

warmup = 2000 niter = 2000 nchain = 4 thin = 1



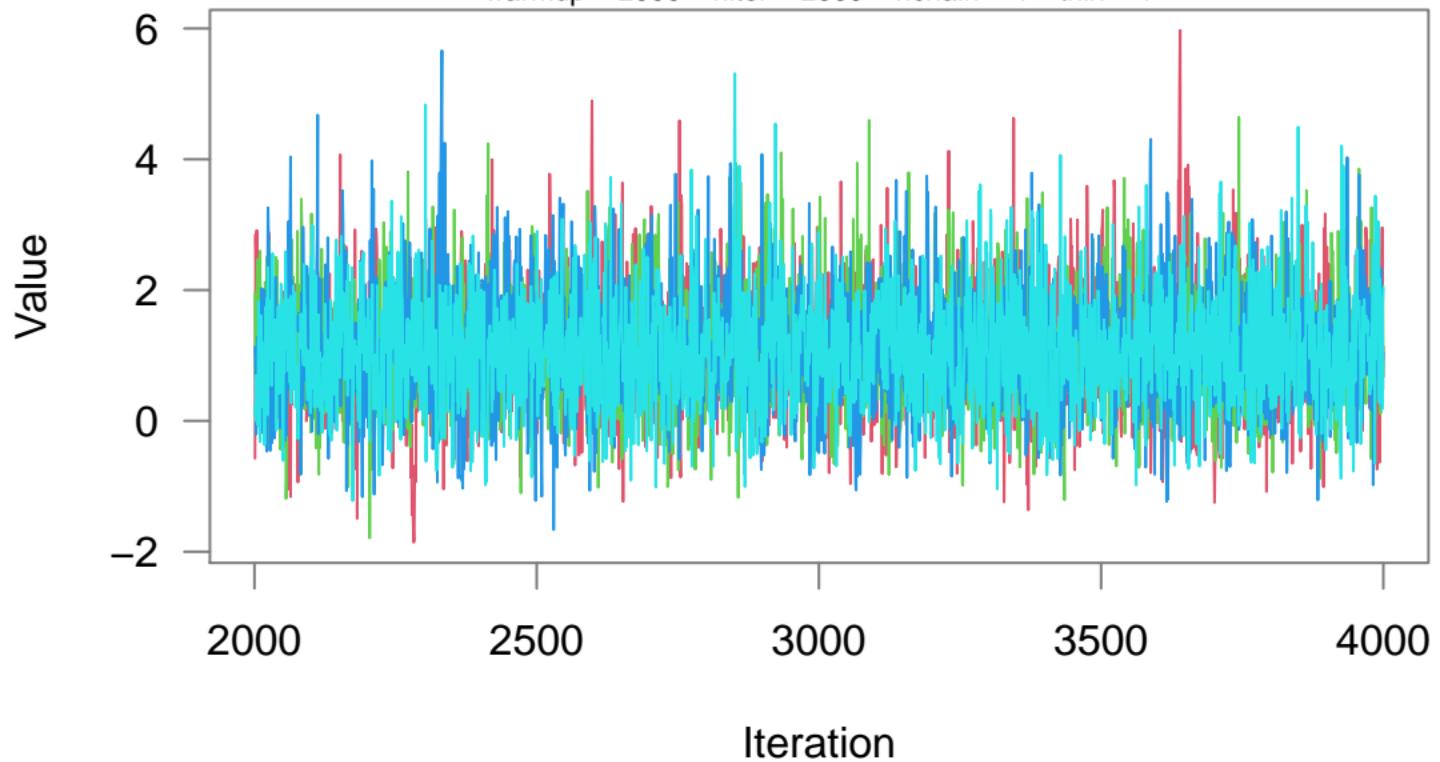
b_year_fac2010

warmup = 2000 niter = 2000 nchain = 4 thin = 1



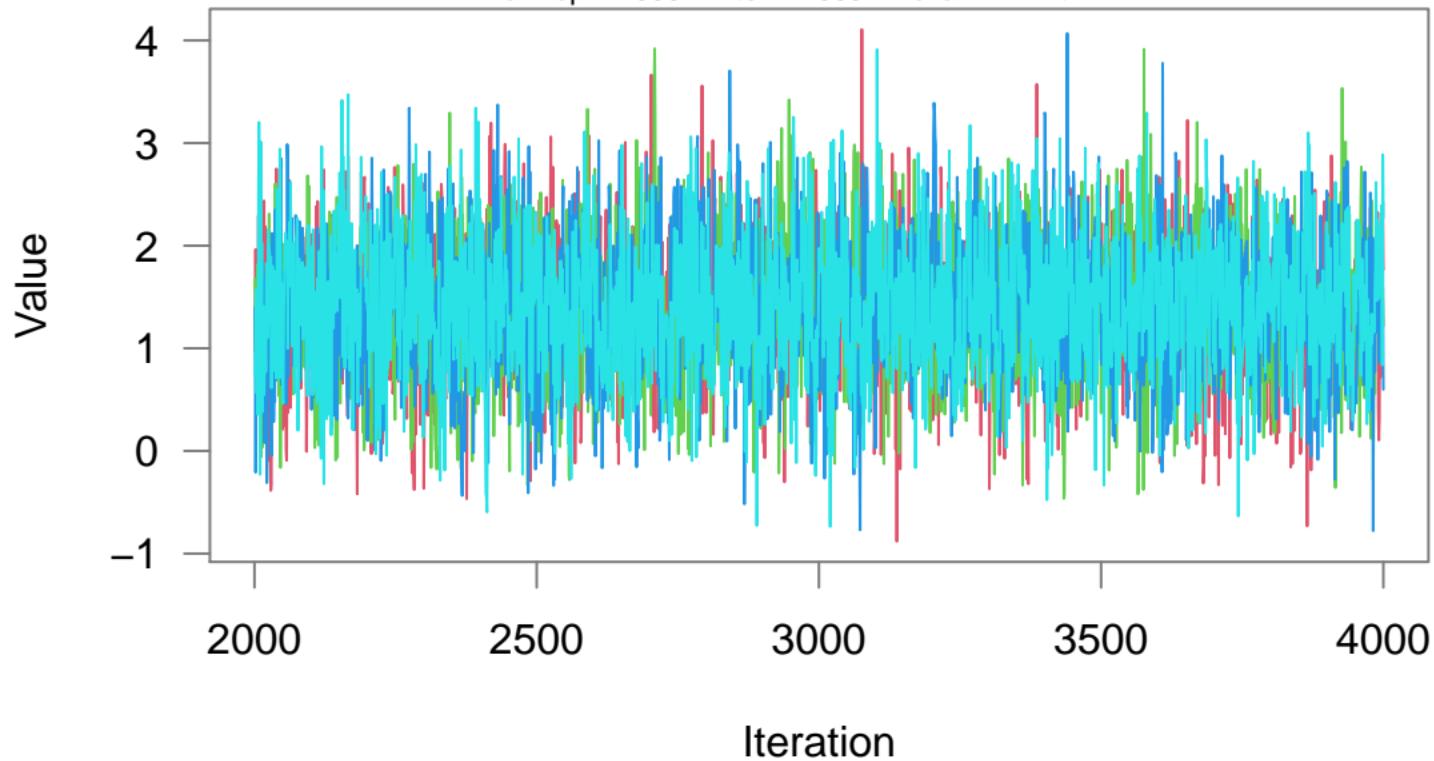
b_year_fac2011

warmup = 2000 niter = 2000 nchain = 4 thin = 1



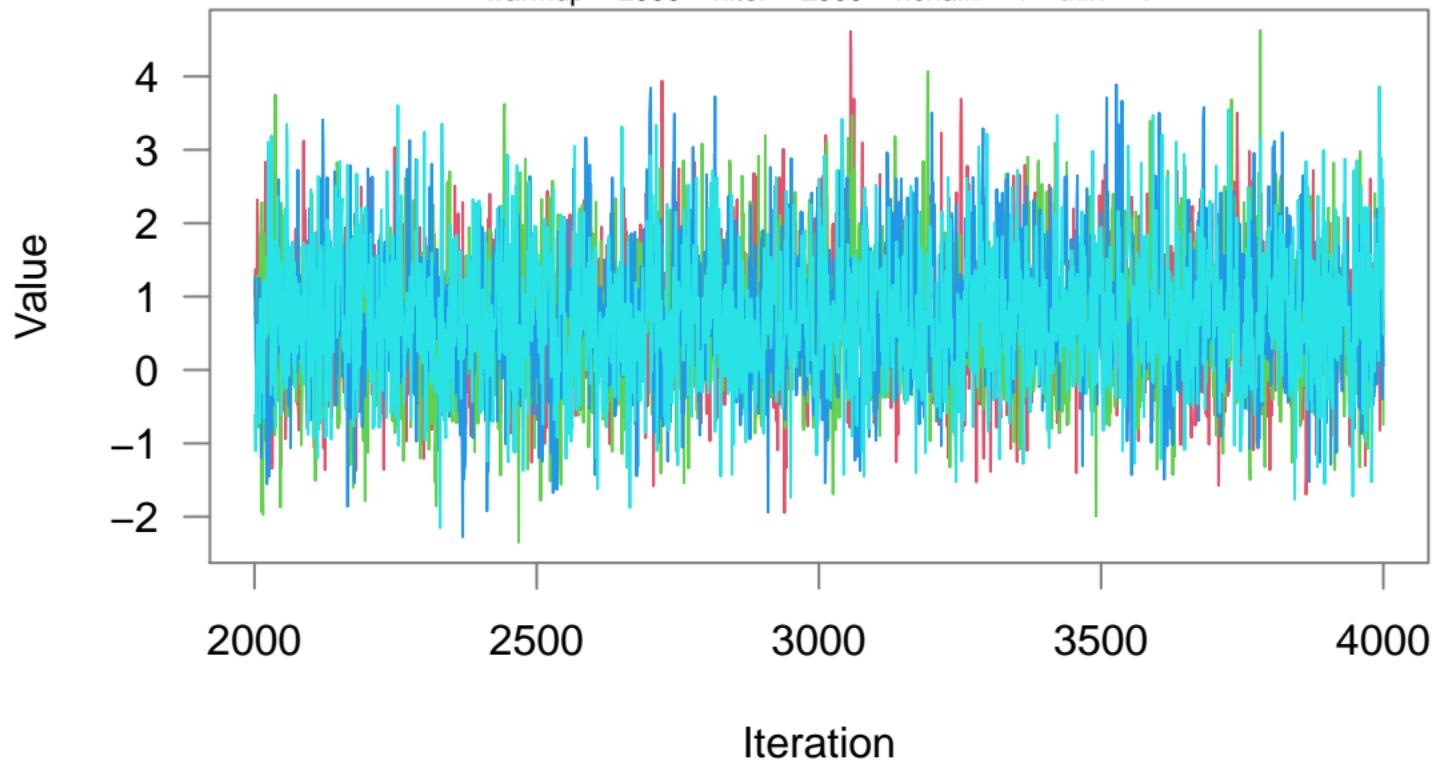
b_year_fac2012

warmup = 2000 niter = 2000 nchain = 4 thin = 1



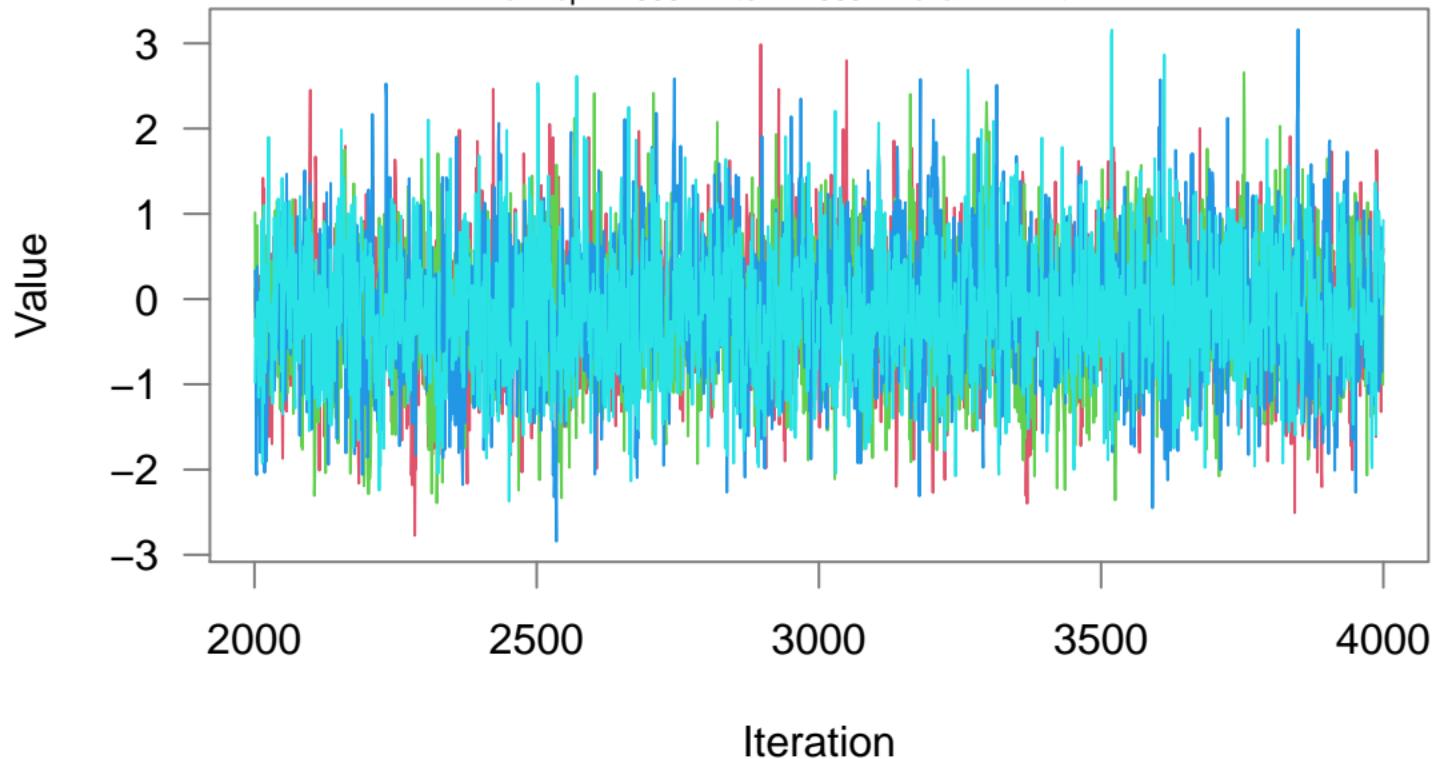
b_year_fac2013

warmup = 2000 niter = 2000 nchain = 4 thin = 1



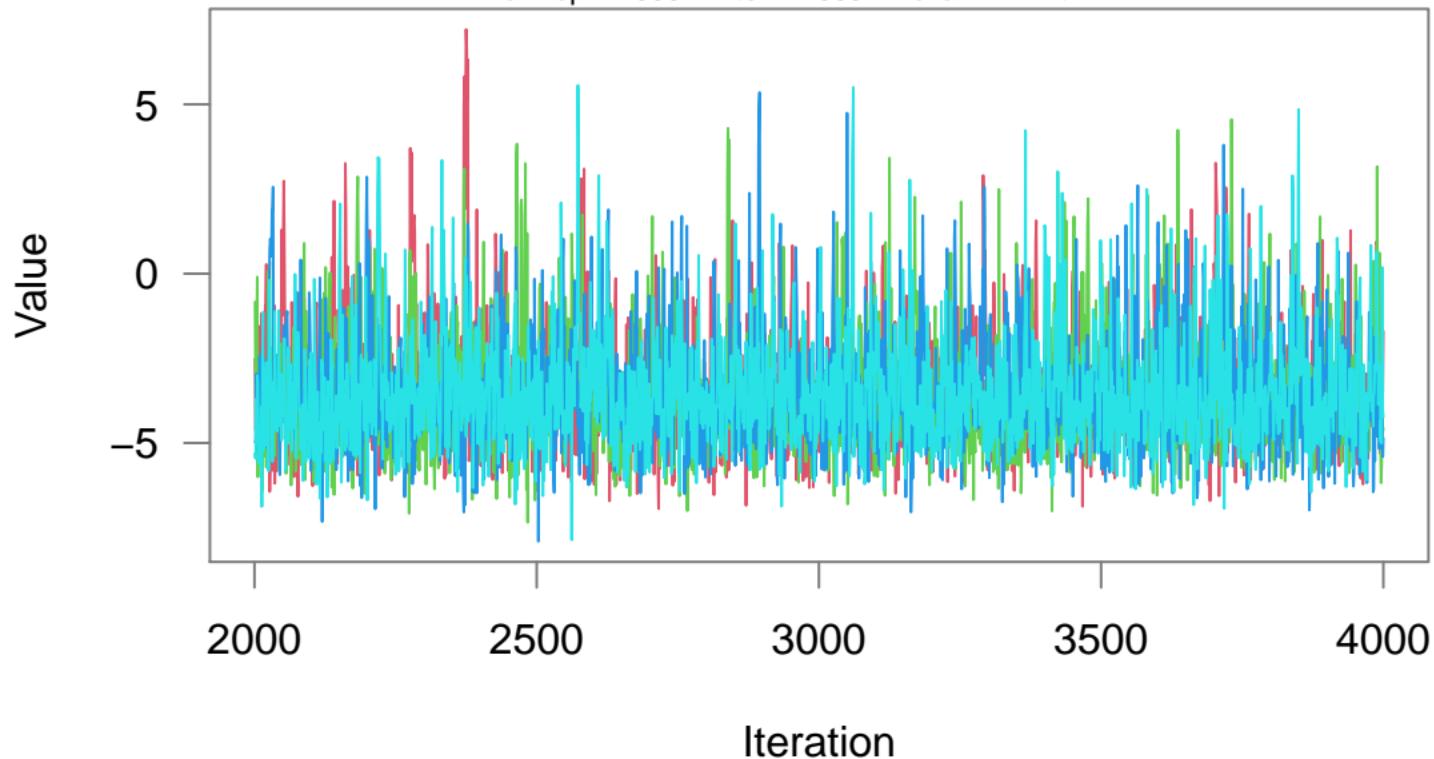
b_year_fac2014

warmup = 2000 niter = 2000 nchain = 4 thin = 1



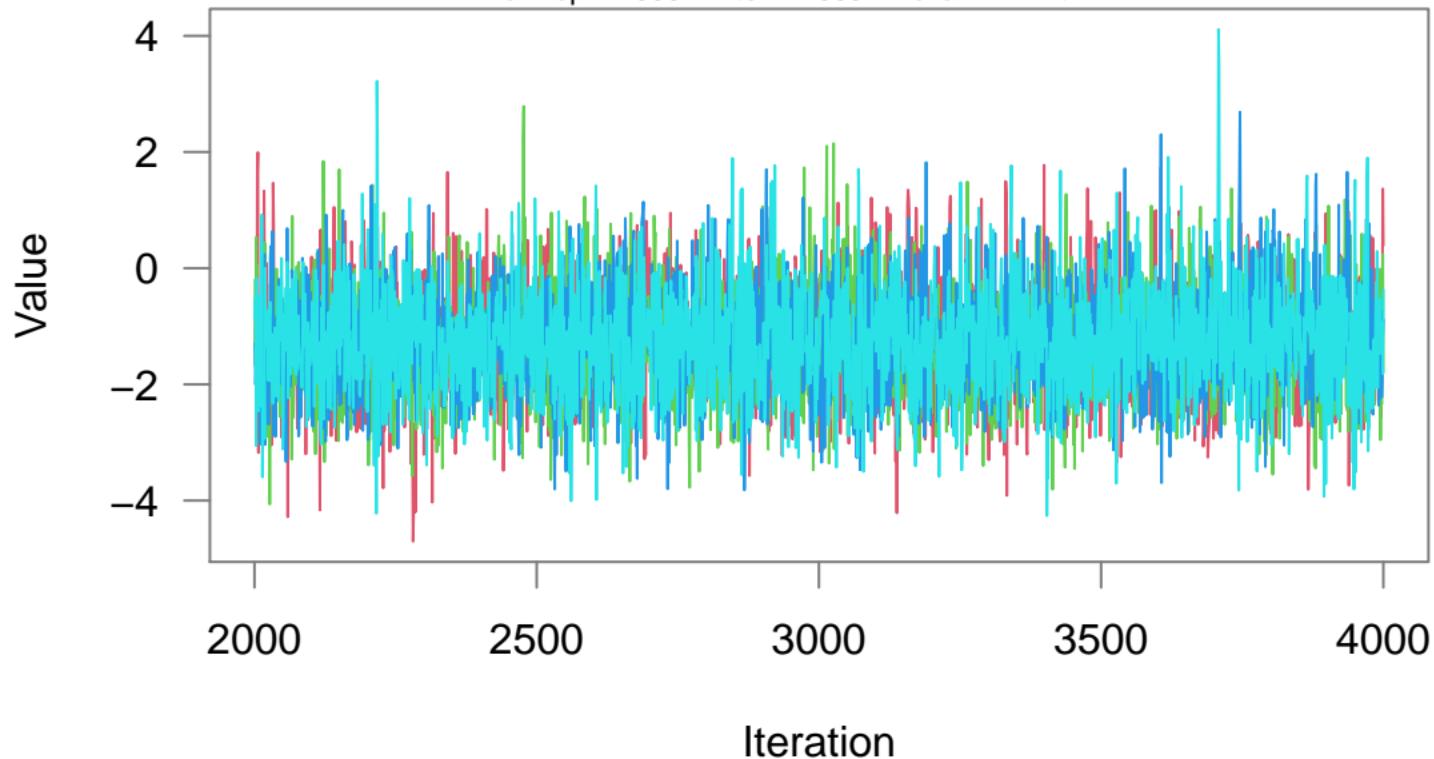
b_year_fac2015

warmup = 2000 niter = 2000 nchain = 4 thin = 1



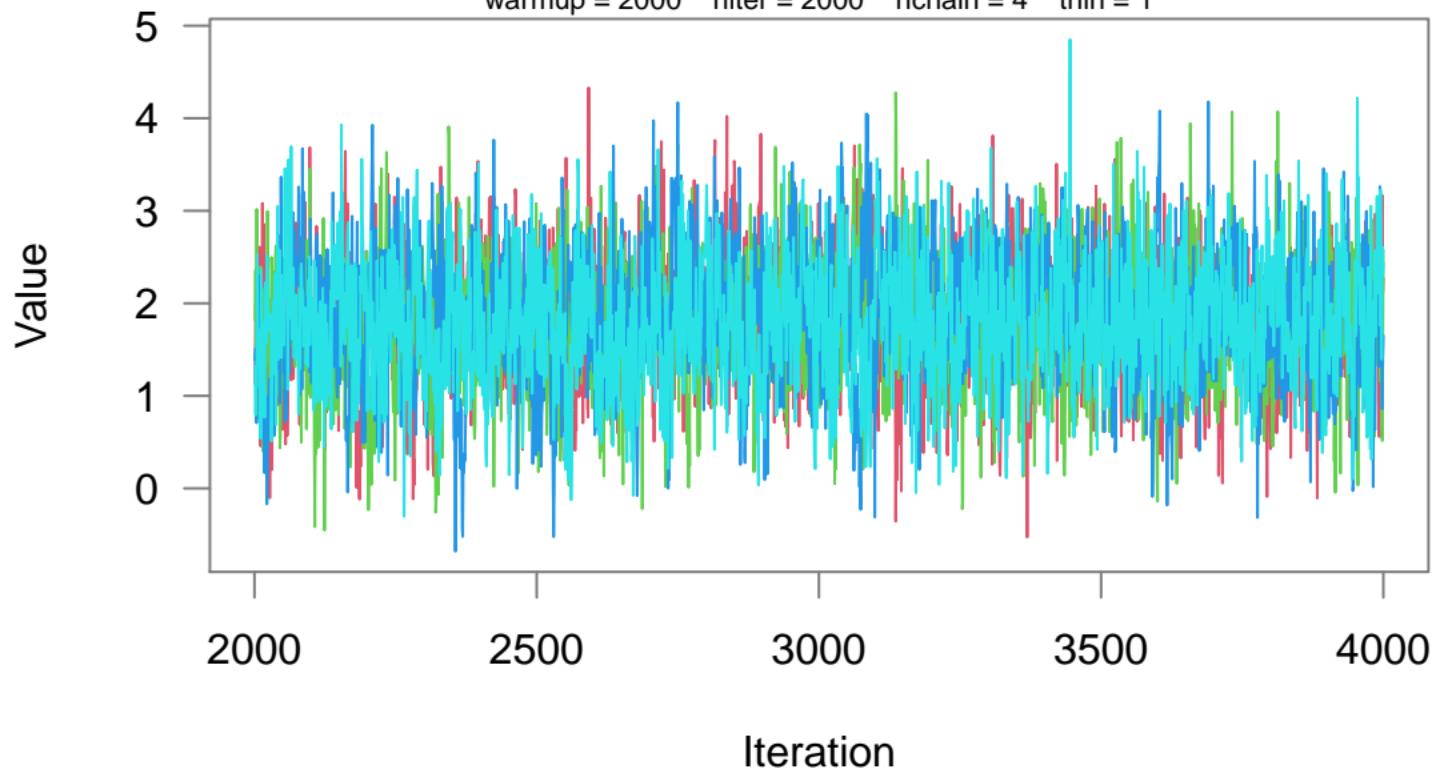
b_year_fac2016

warmup = 2000 niter = 2000 nchain = 4 thin = 1



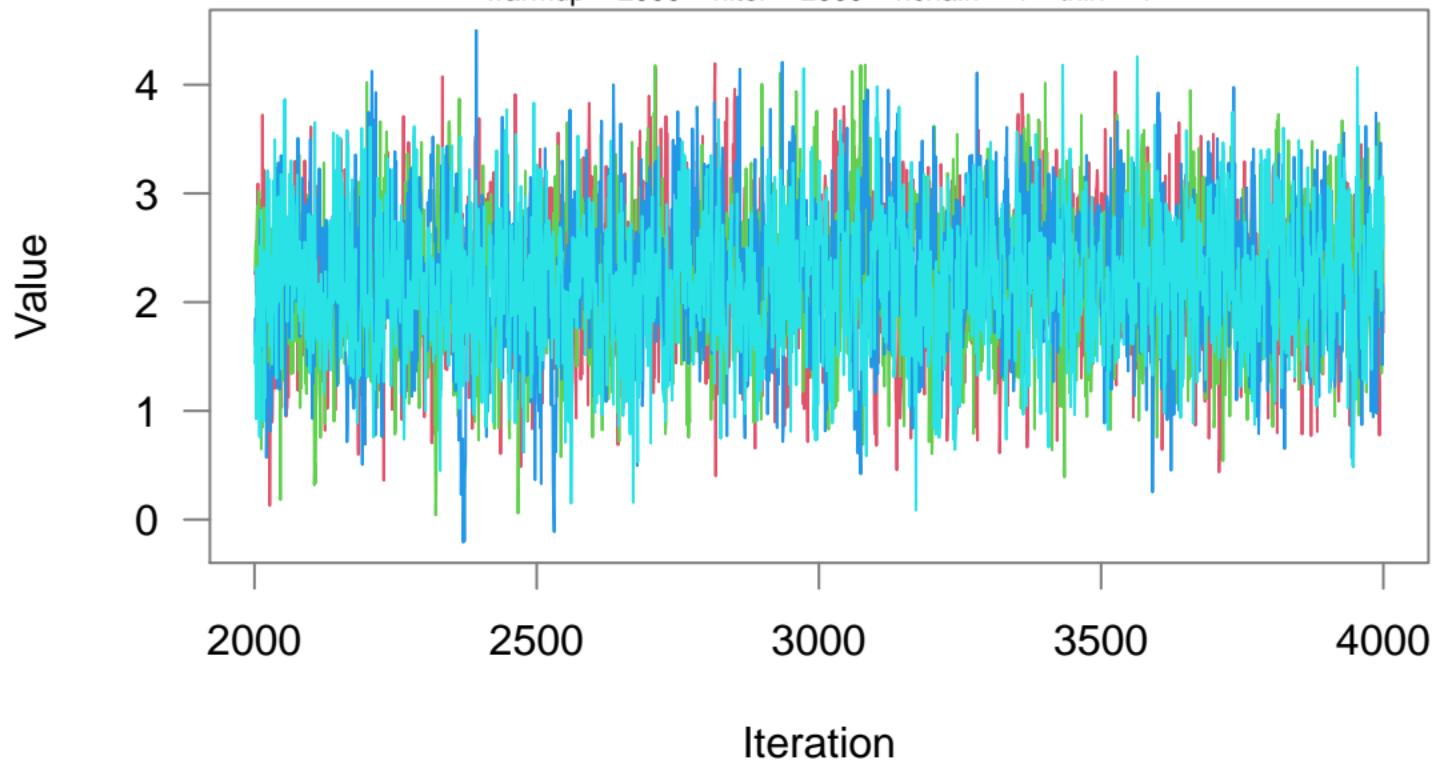
b_year_fac2017

warmup = 2000 niter = 2000 nchain = 4 thin = 1



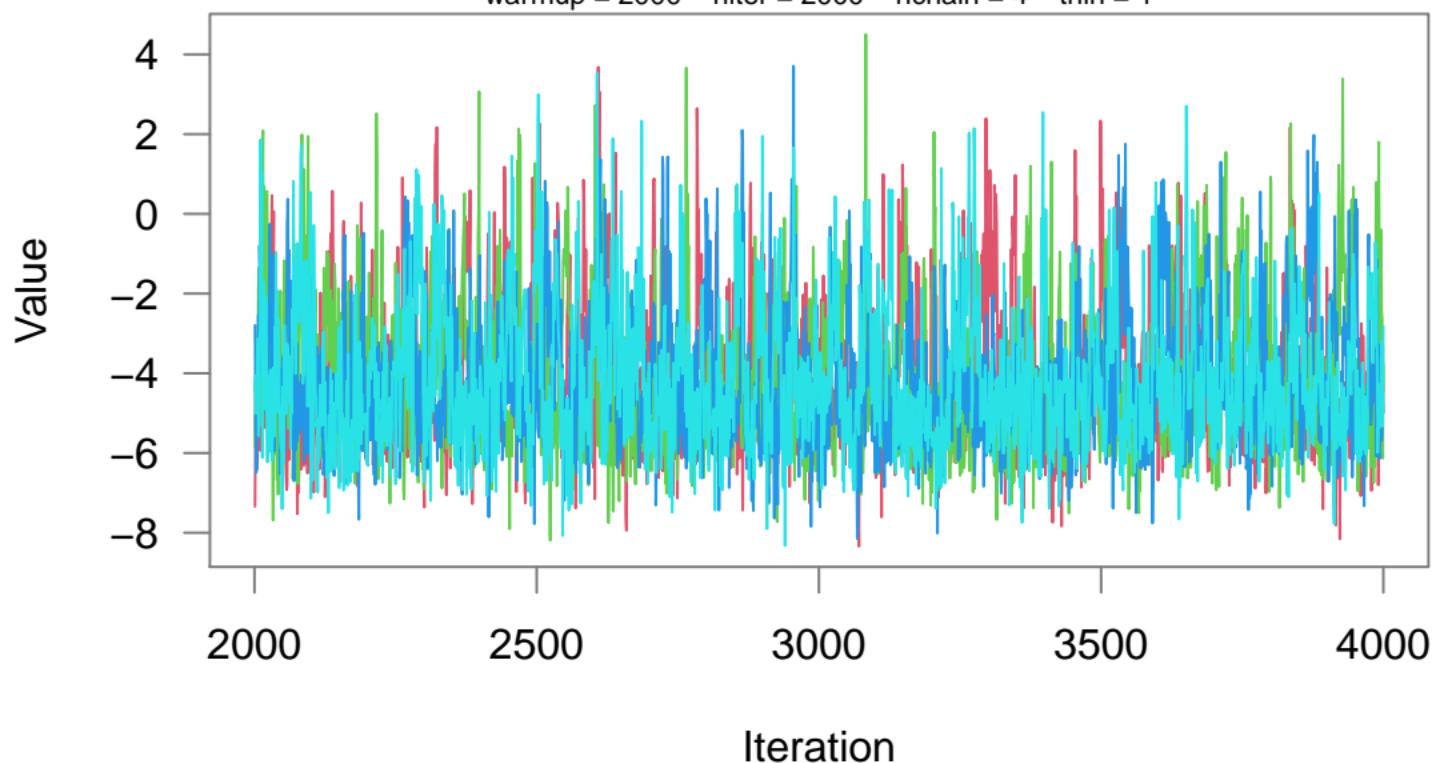
b_year_fac2018

warmup = 2000 niter = 2000 nchain = 4 thin = 1



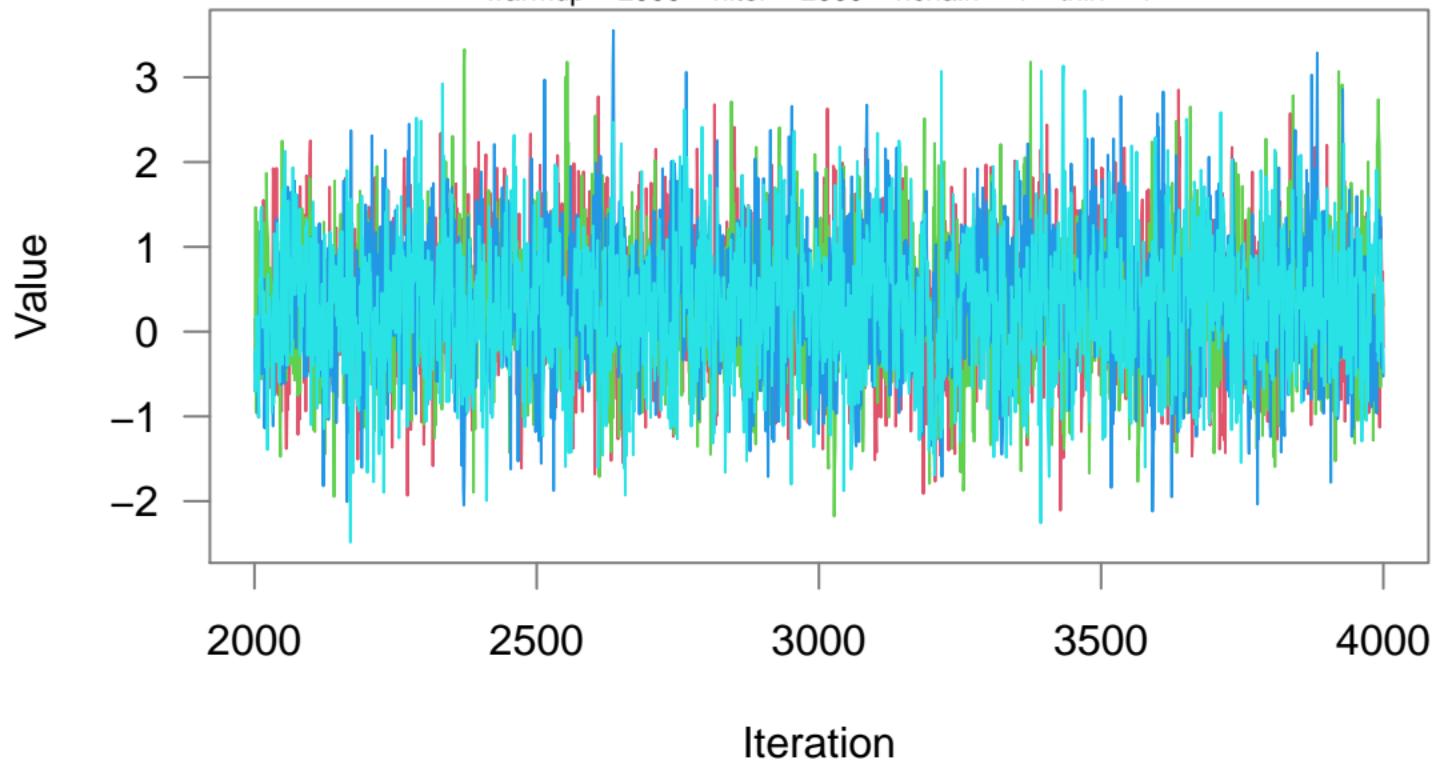
b_year_fac2019

warmup = 2000 niter = 2000 nchain = 4 thin = 1



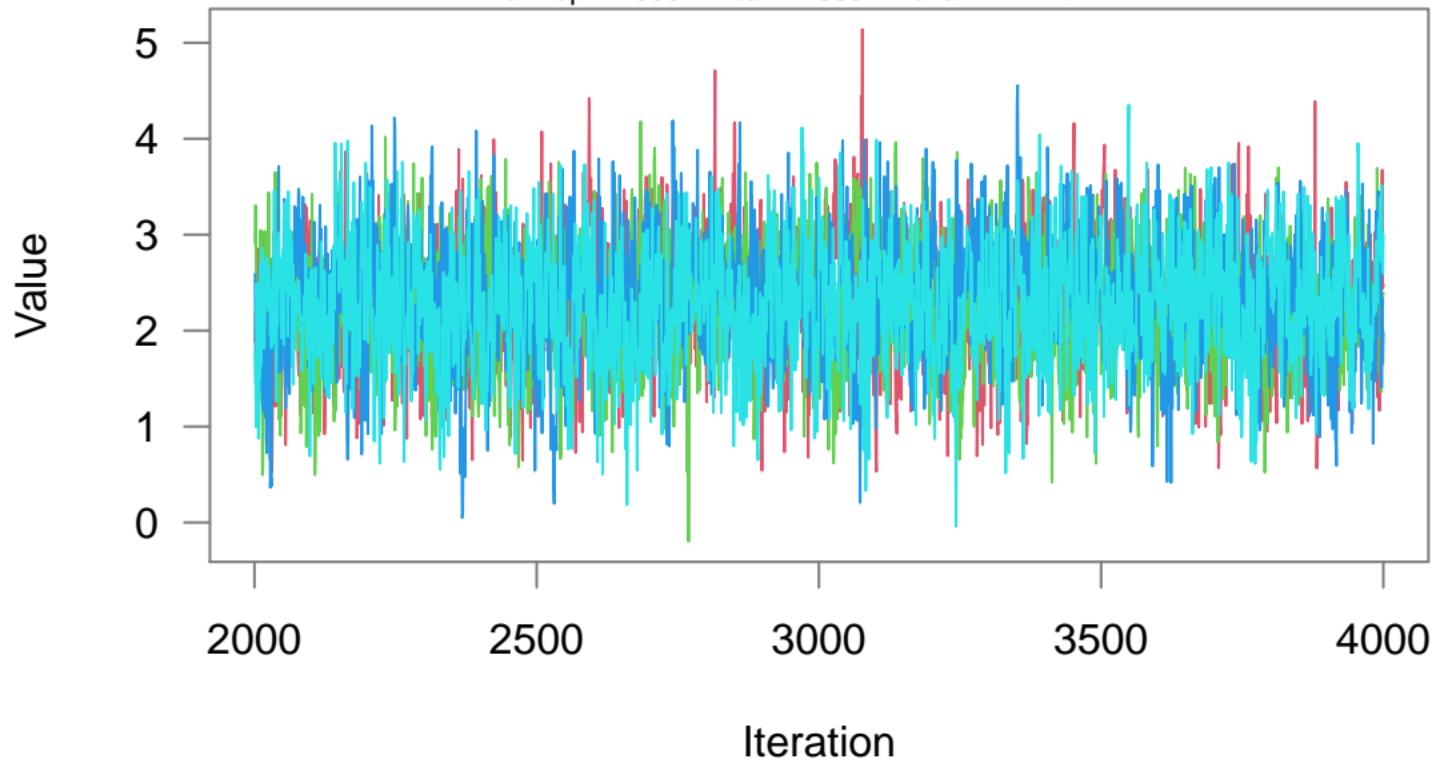
b_year_fac2020

warmup = 2000 niter = 2000 nchain = 4 thin = 1



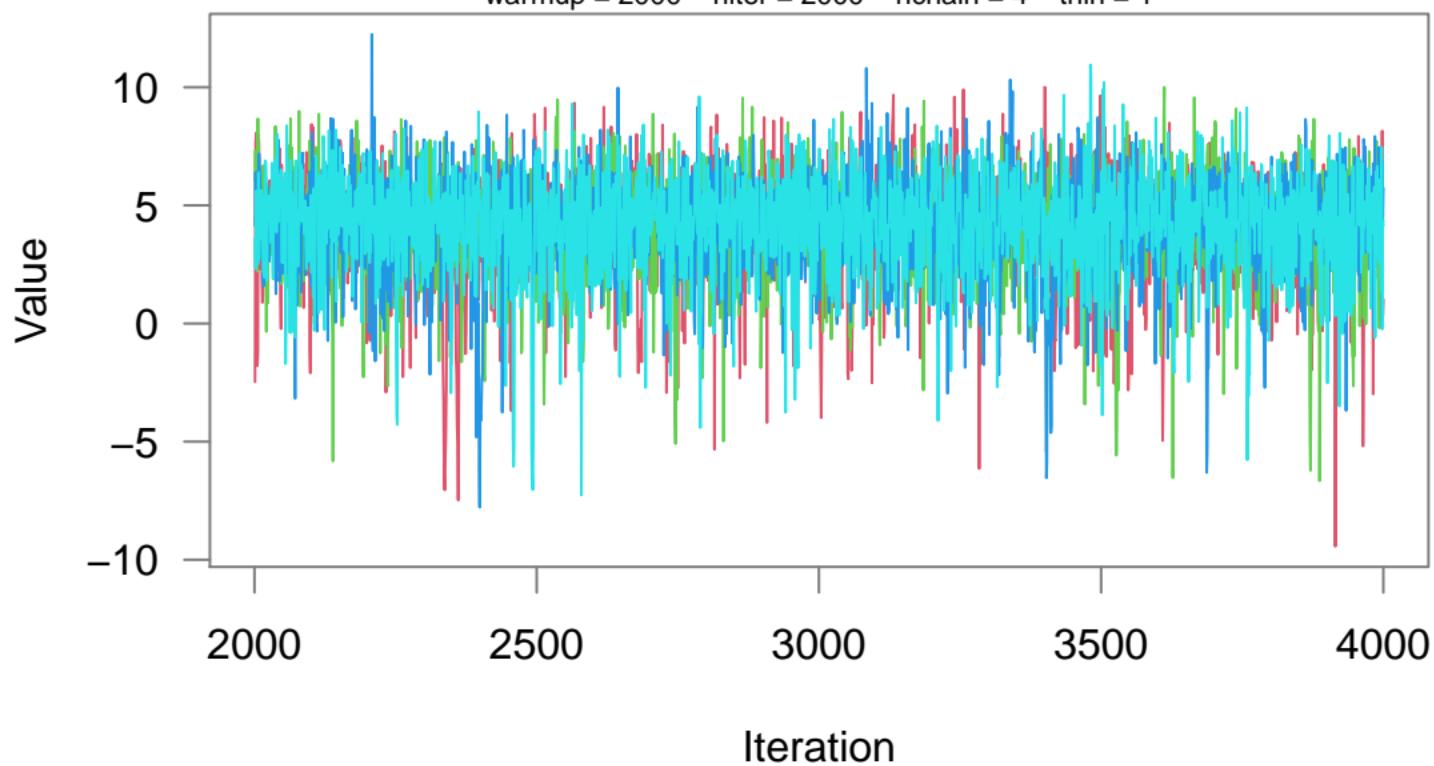
b_year_fac2021

warmup = 2000 niter = 2000 nchain = 4 thin = 1

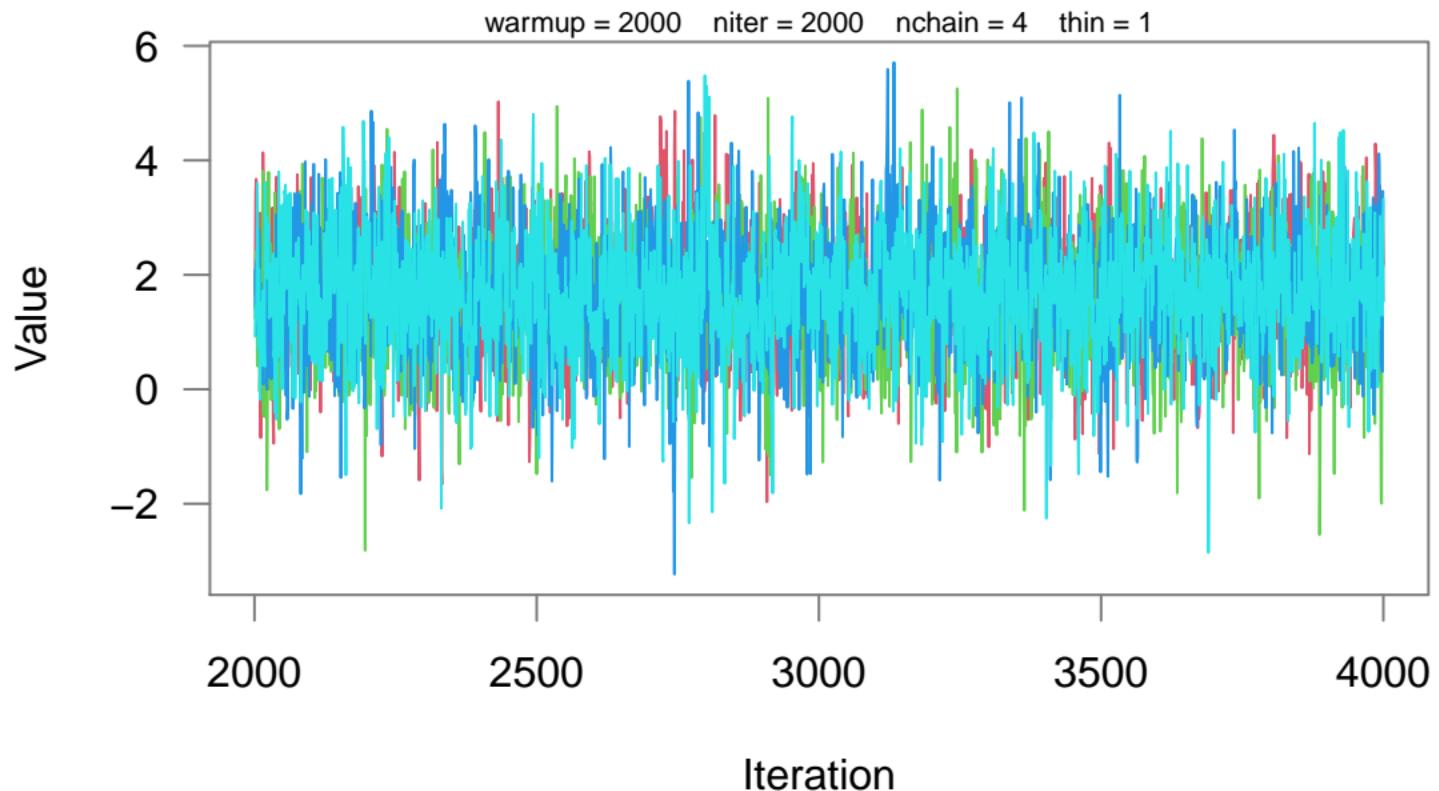


b_zi_year_fac2007

warmup = 2000 niter = 2000 nchain = 4 thin = 1

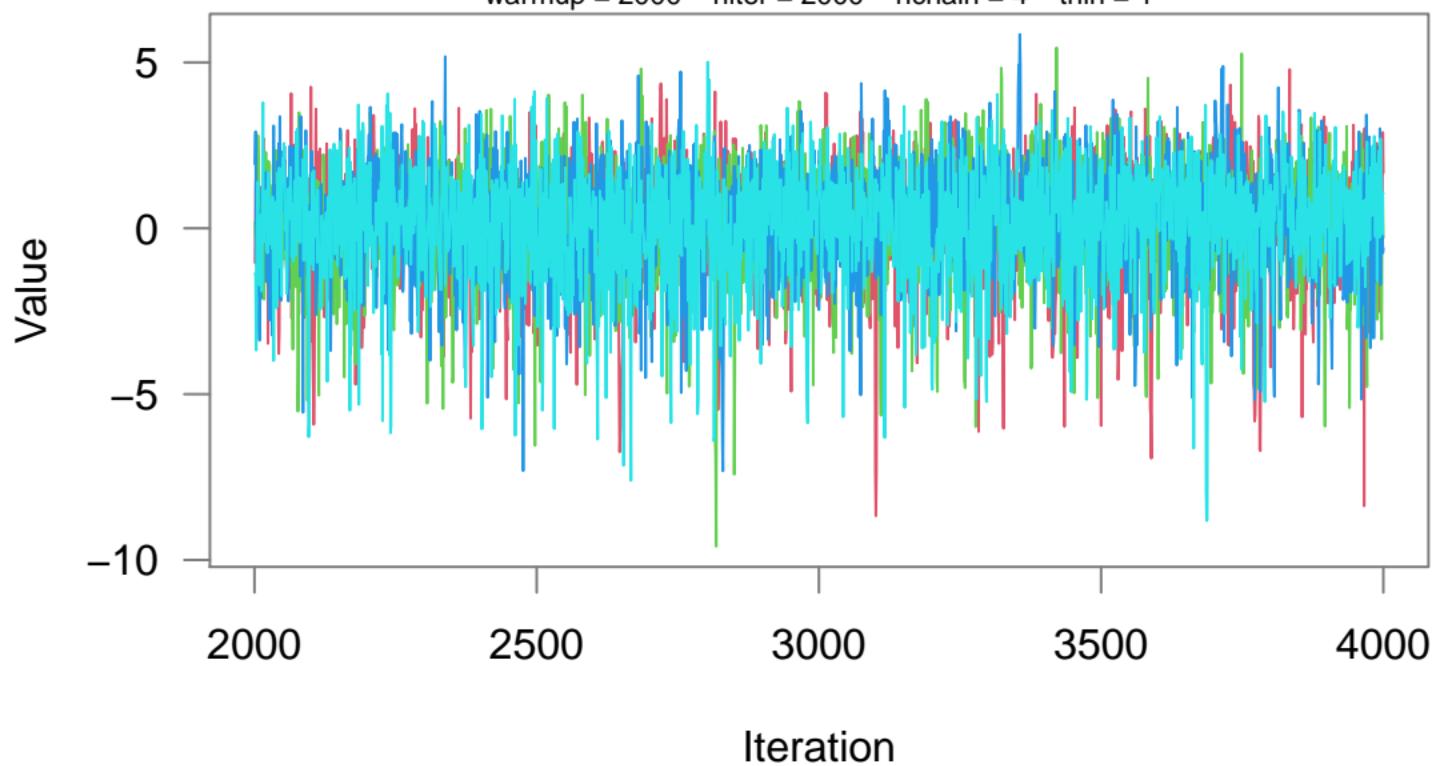


b_zi_year_fac2008



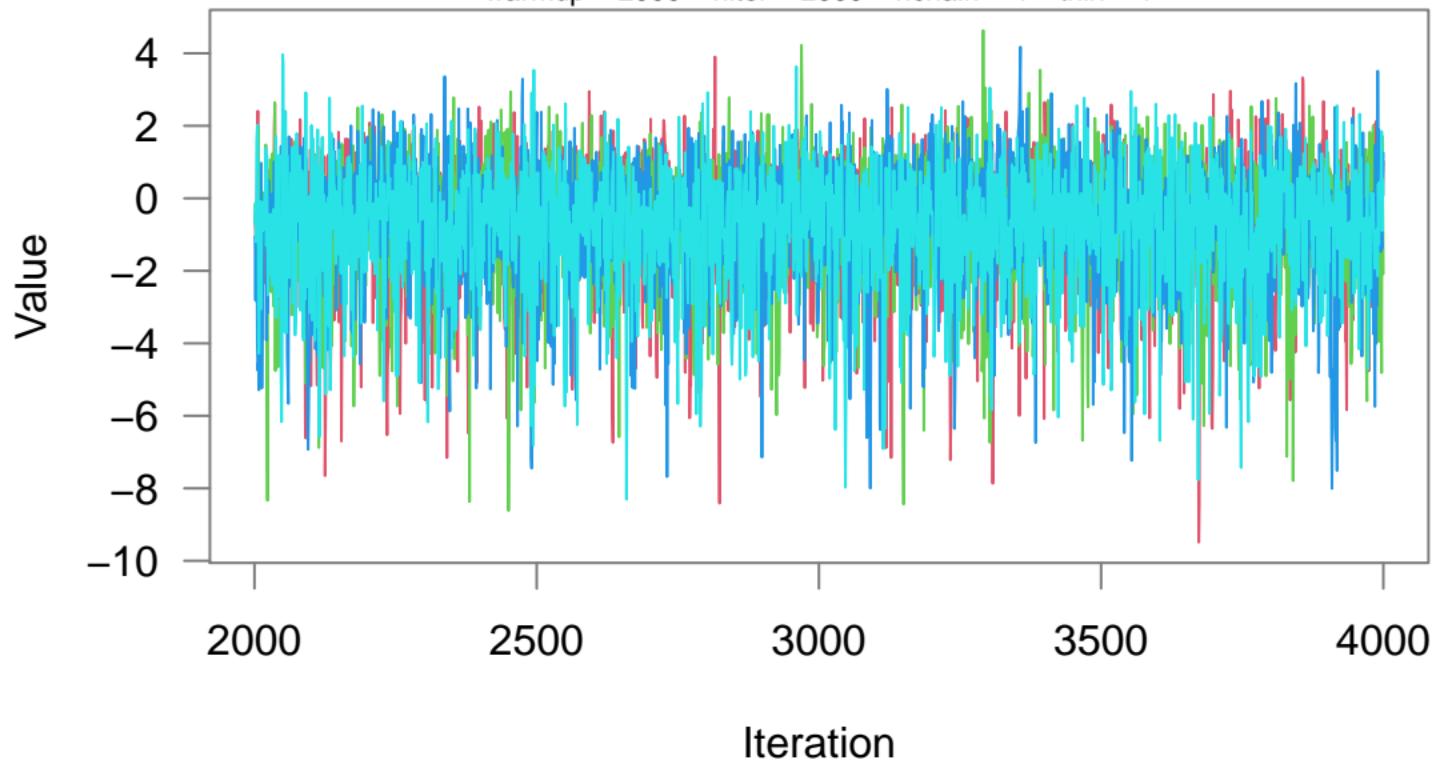
b_zi_year_fac2009

warmup = 2000 niter = 2000 nchain = 4 thin = 1



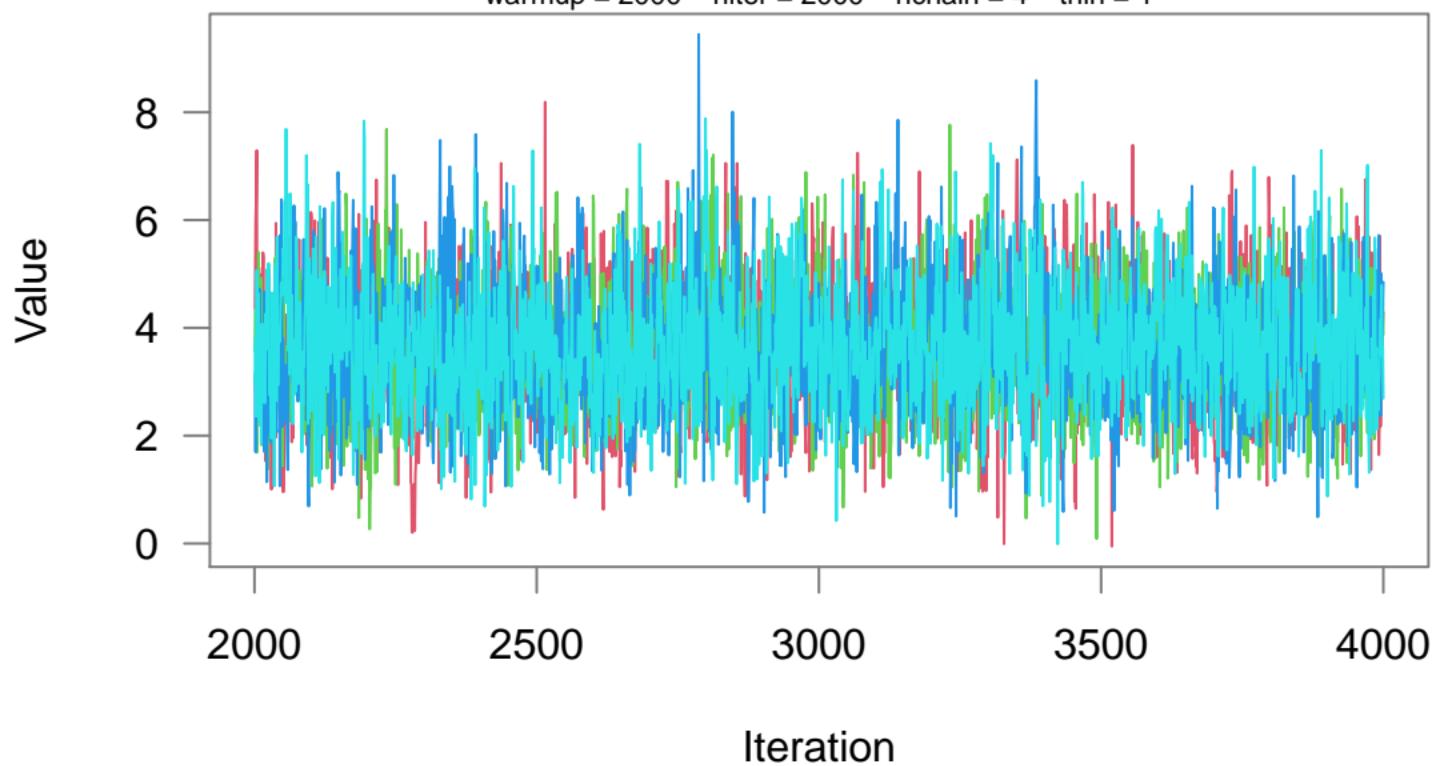
b_zi_year_fac2010

warmup = 2000 niter = 2000 nchain = 4 thin = 1



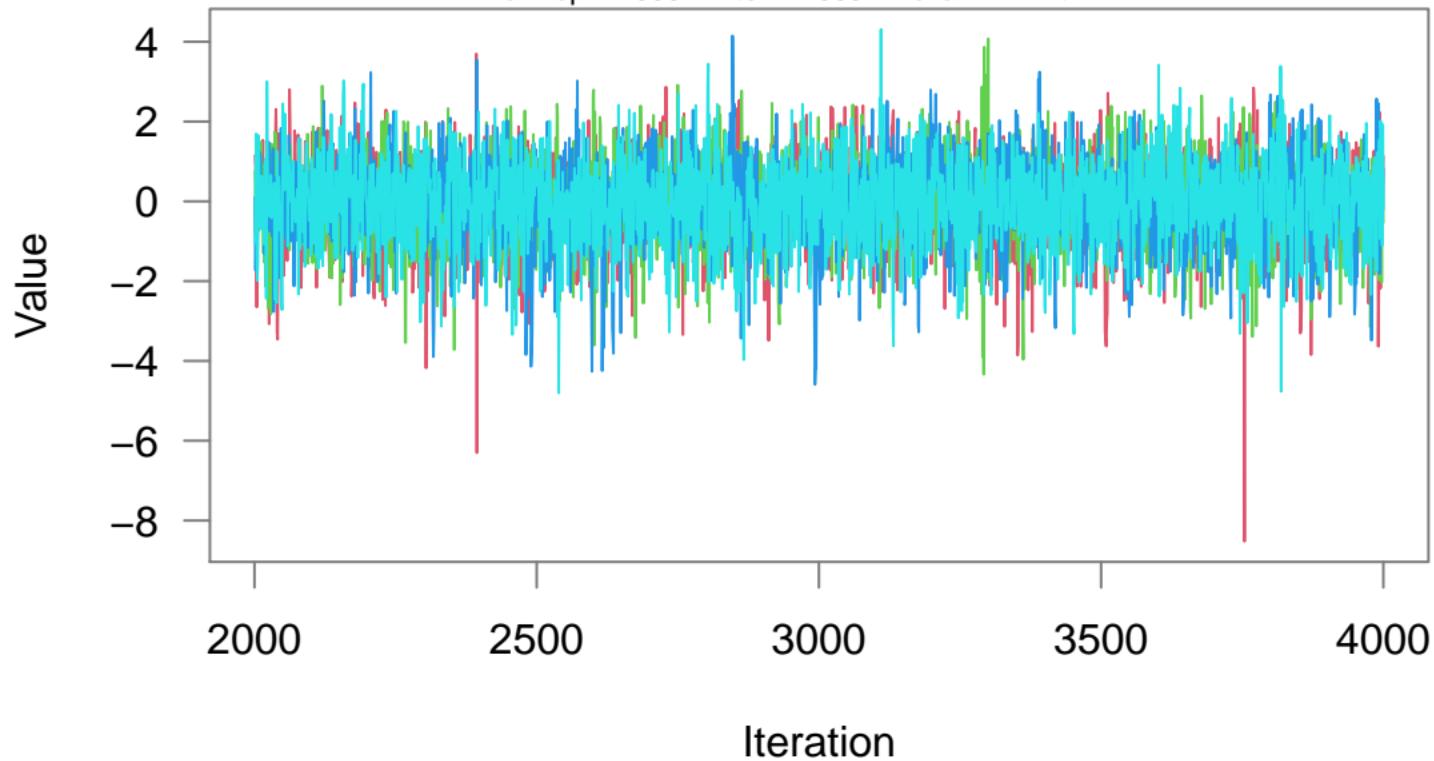
b_zi_year_fac2011

warmup = 2000 niter = 2000 nchain = 4 thin = 1



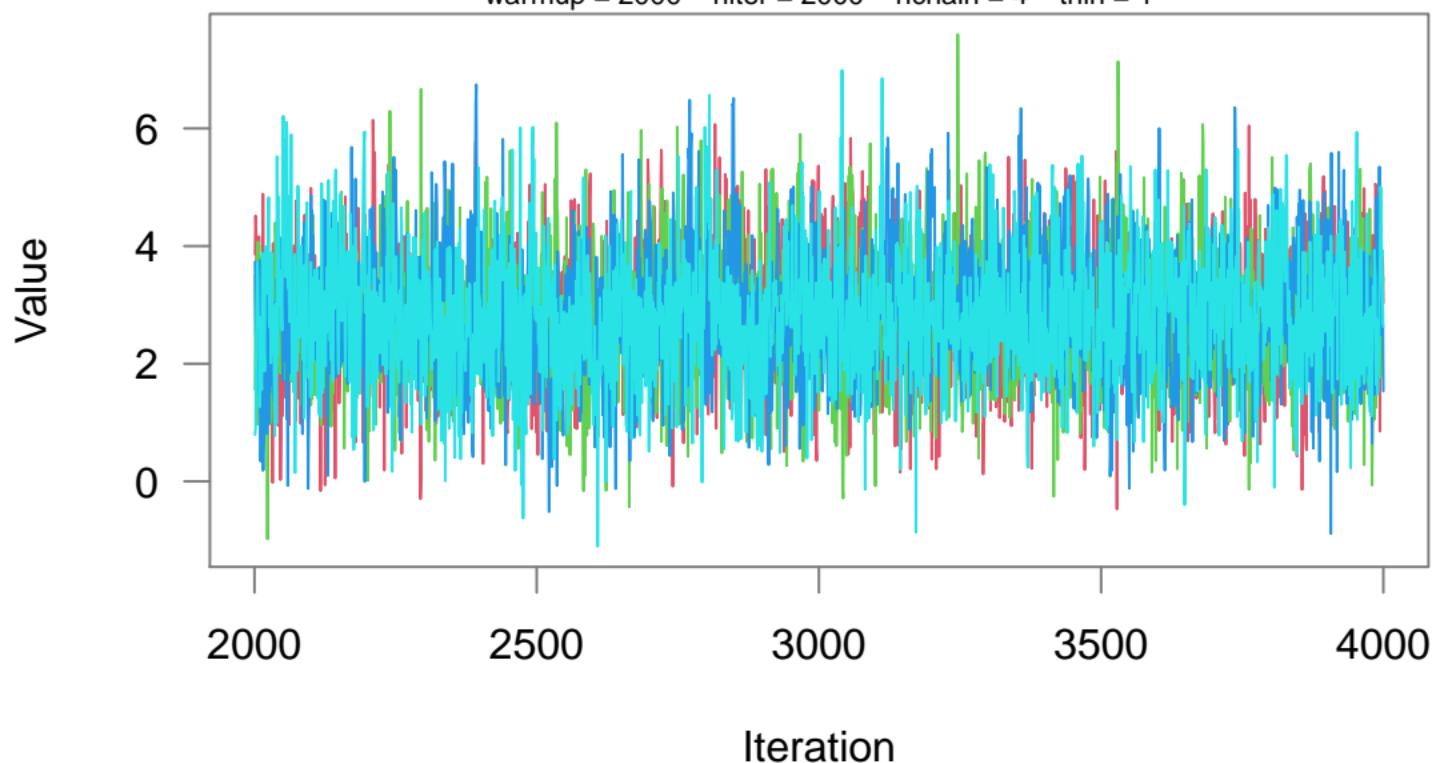
b_zi_year_fac2012

warmup = 2000 niter = 2000 nchain = 4 thin = 1



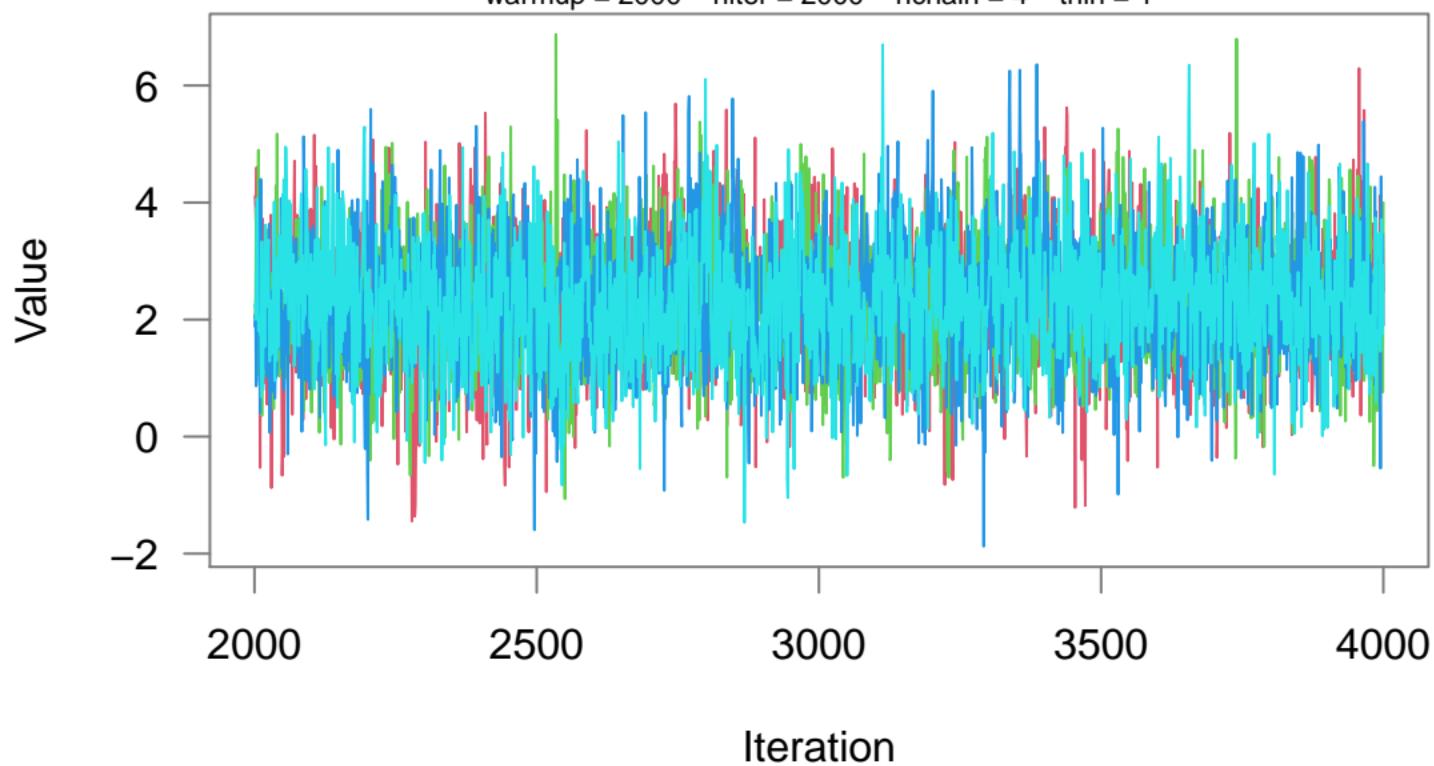
b_zi_year_fac2013

warmup = 2000 niter = 2000 nchain = 4 thin = 1



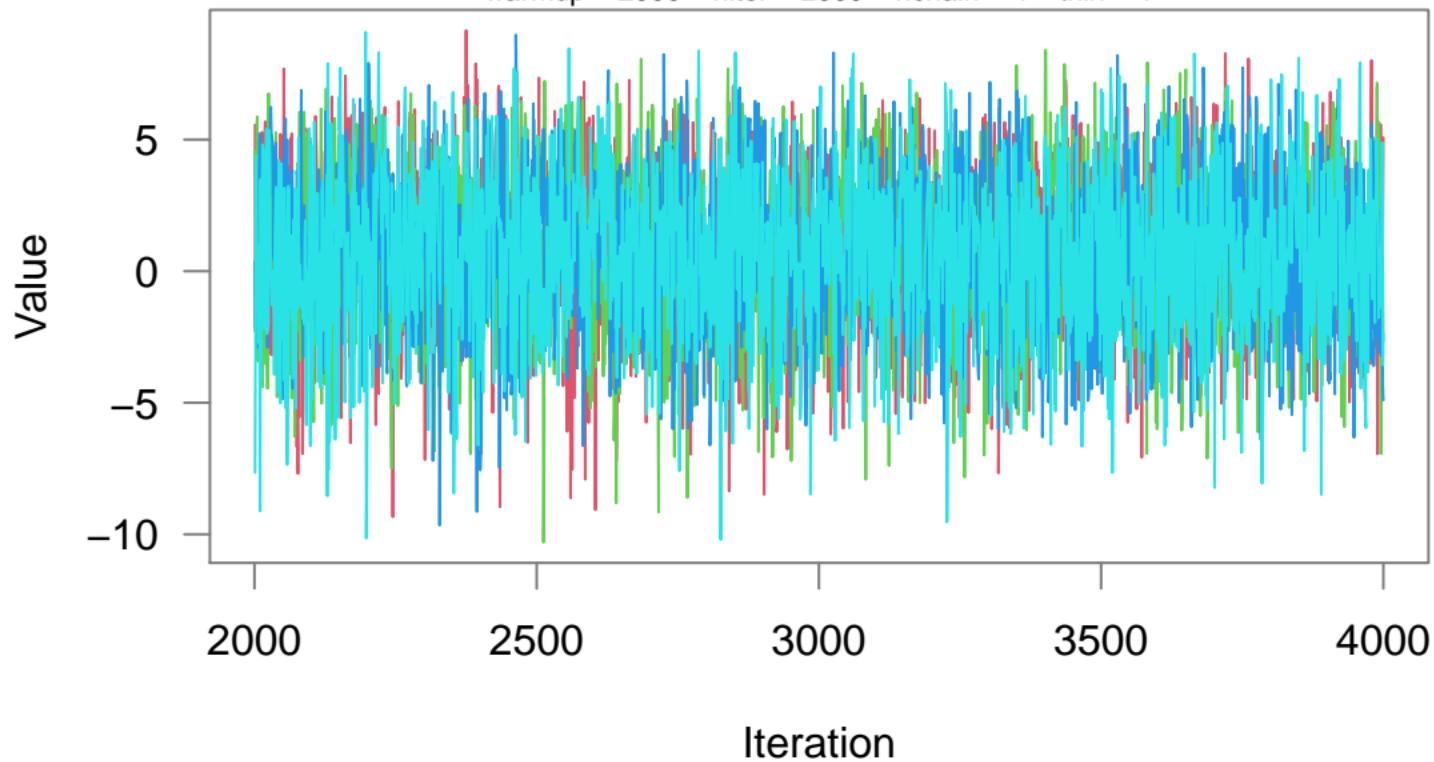
b_zi_year_fac2014

warmup = 2000 niter = 2000 nchain = 4 thin = 1



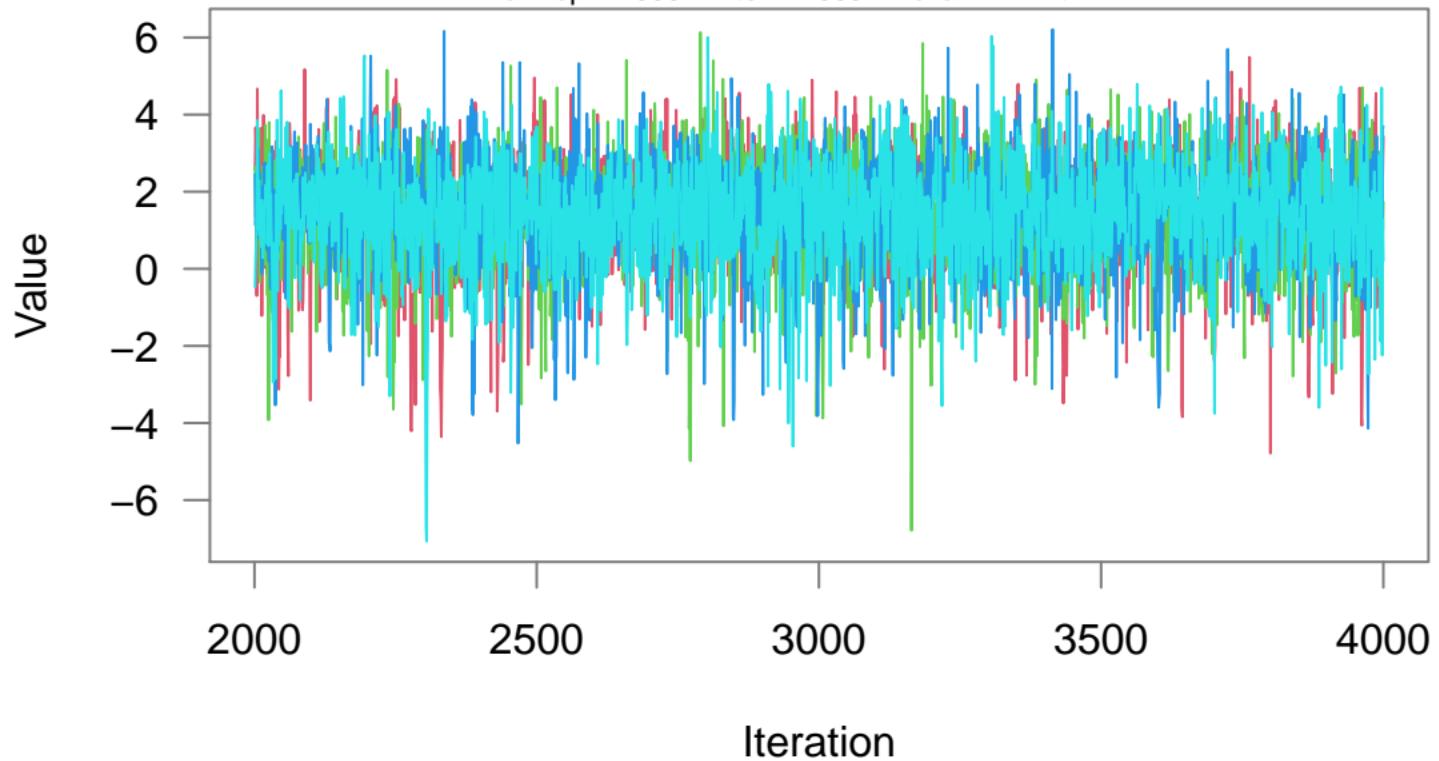
b_zi_year_fac2015

warmup = 2000 niter = 2000 nchain = 4 thin = 1



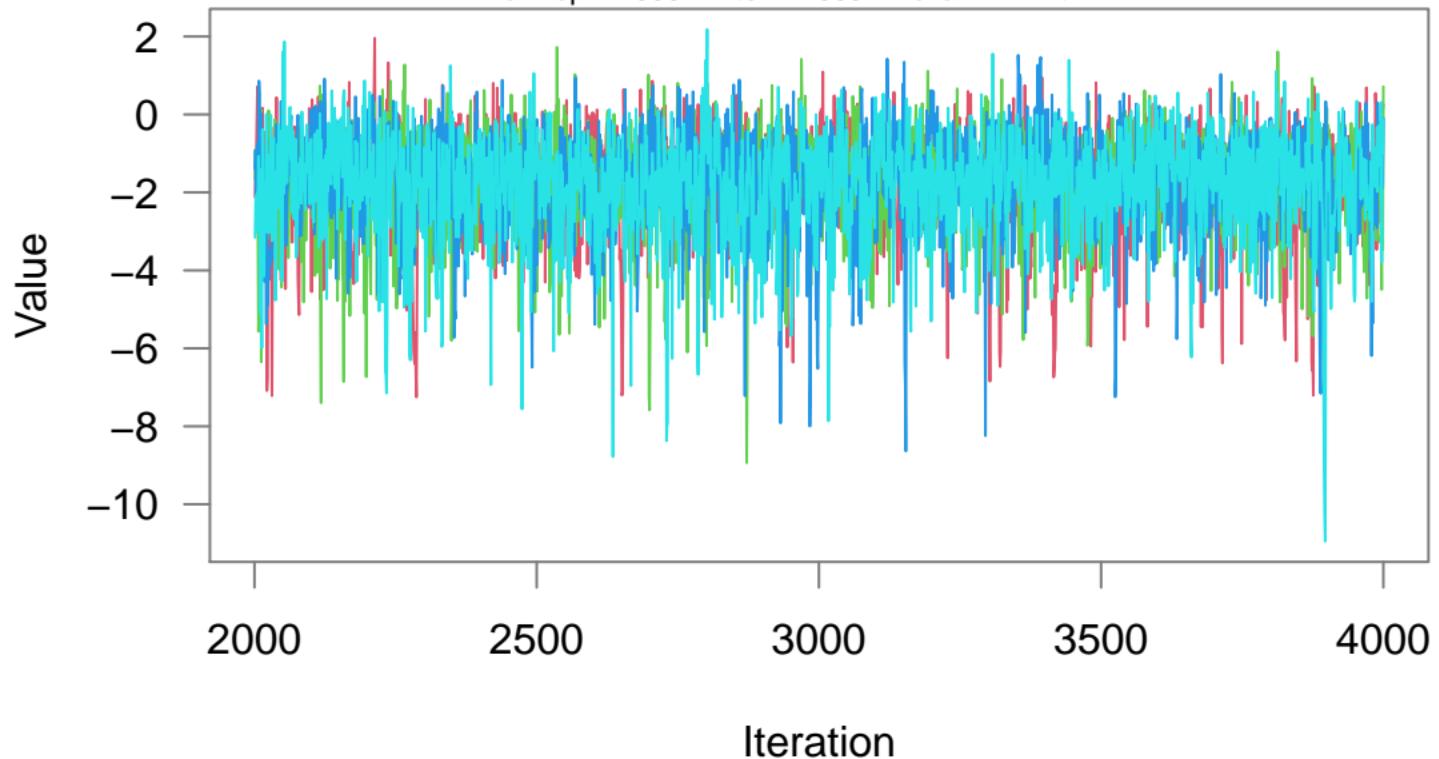
b_zi_year_fac2016

warmup = 2000 niter = 2000 nchain = 4 thin = 1



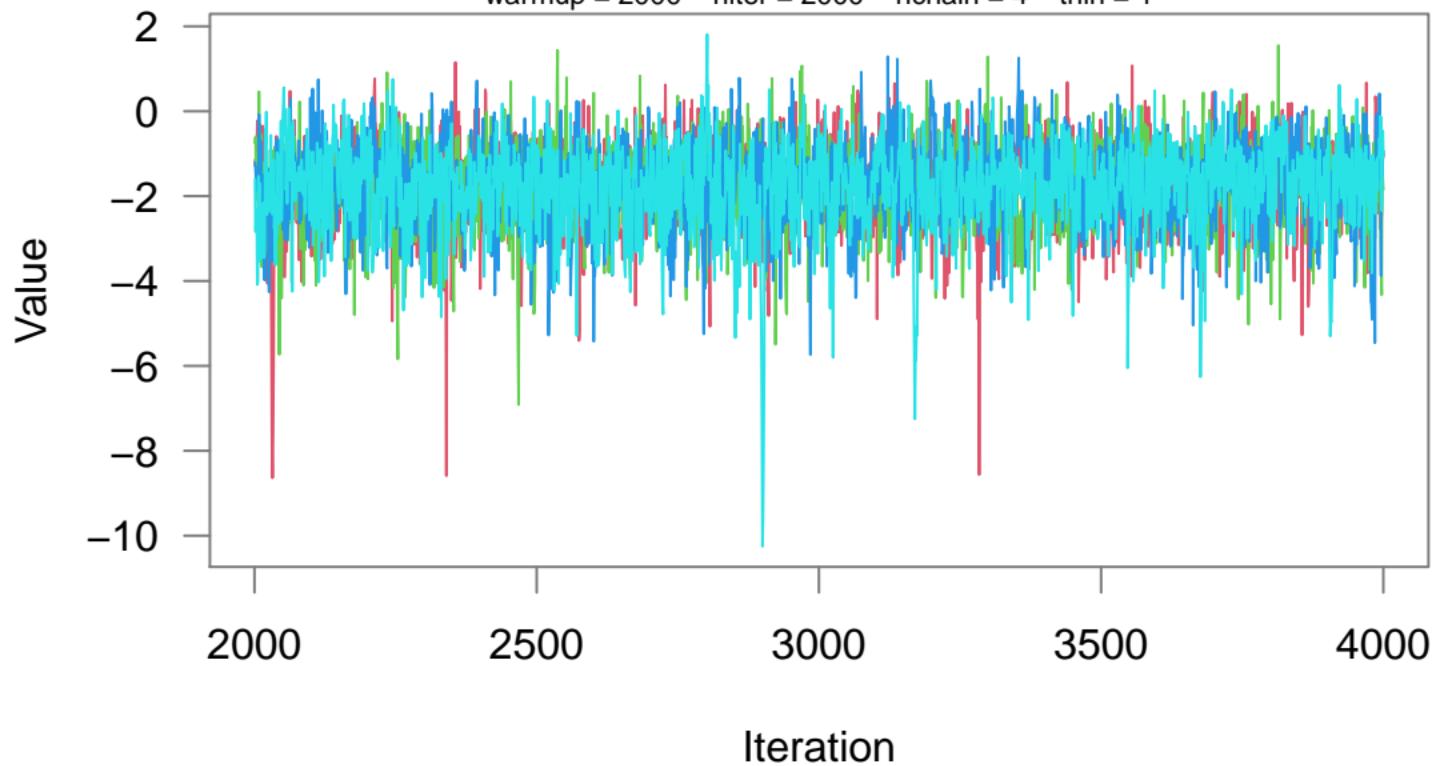
b_zi_year_fac2017

warmup = 2000 niter = 2000 nchain = 4 thin = 1



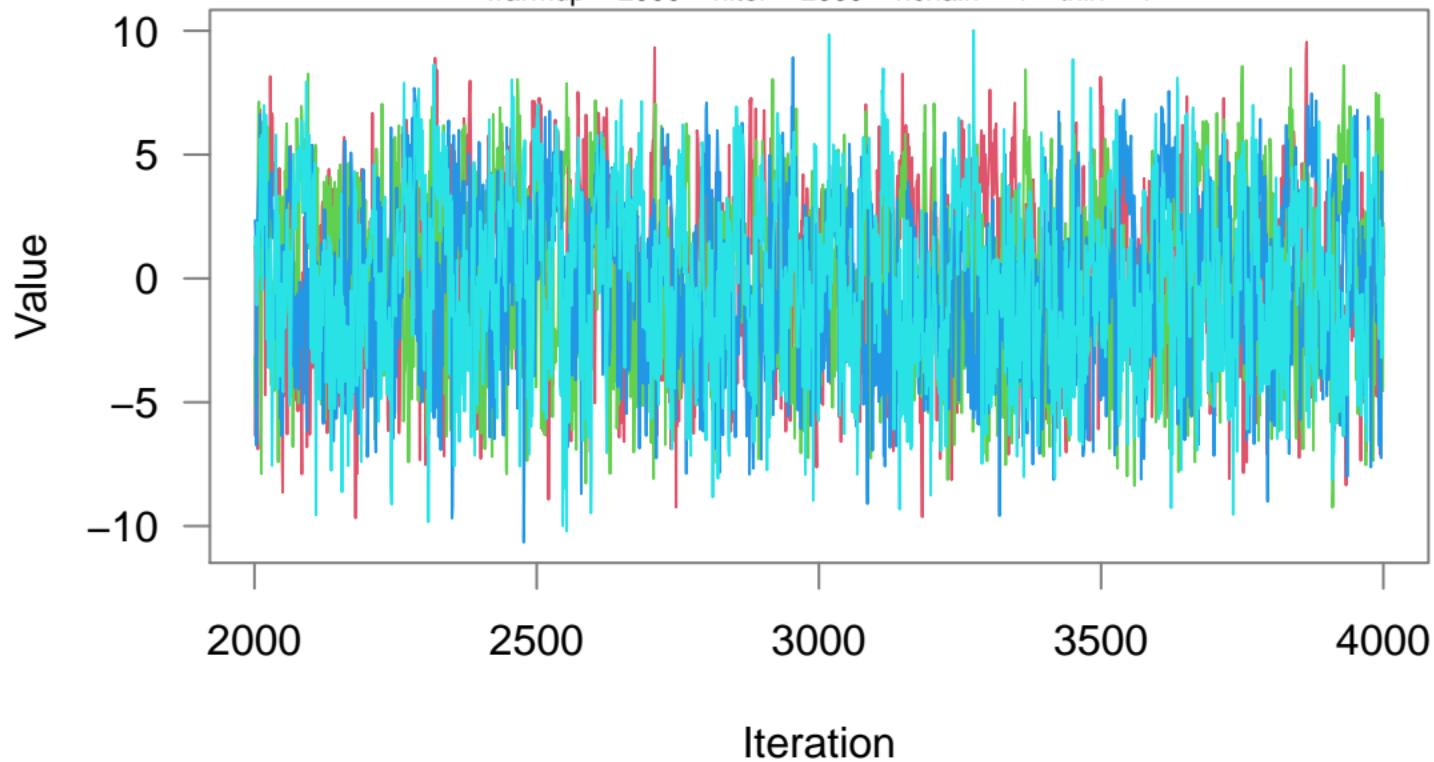
b_zi_year_fac2018

warmup = 2000 niter = 2000 nchain = 4 thin = 1



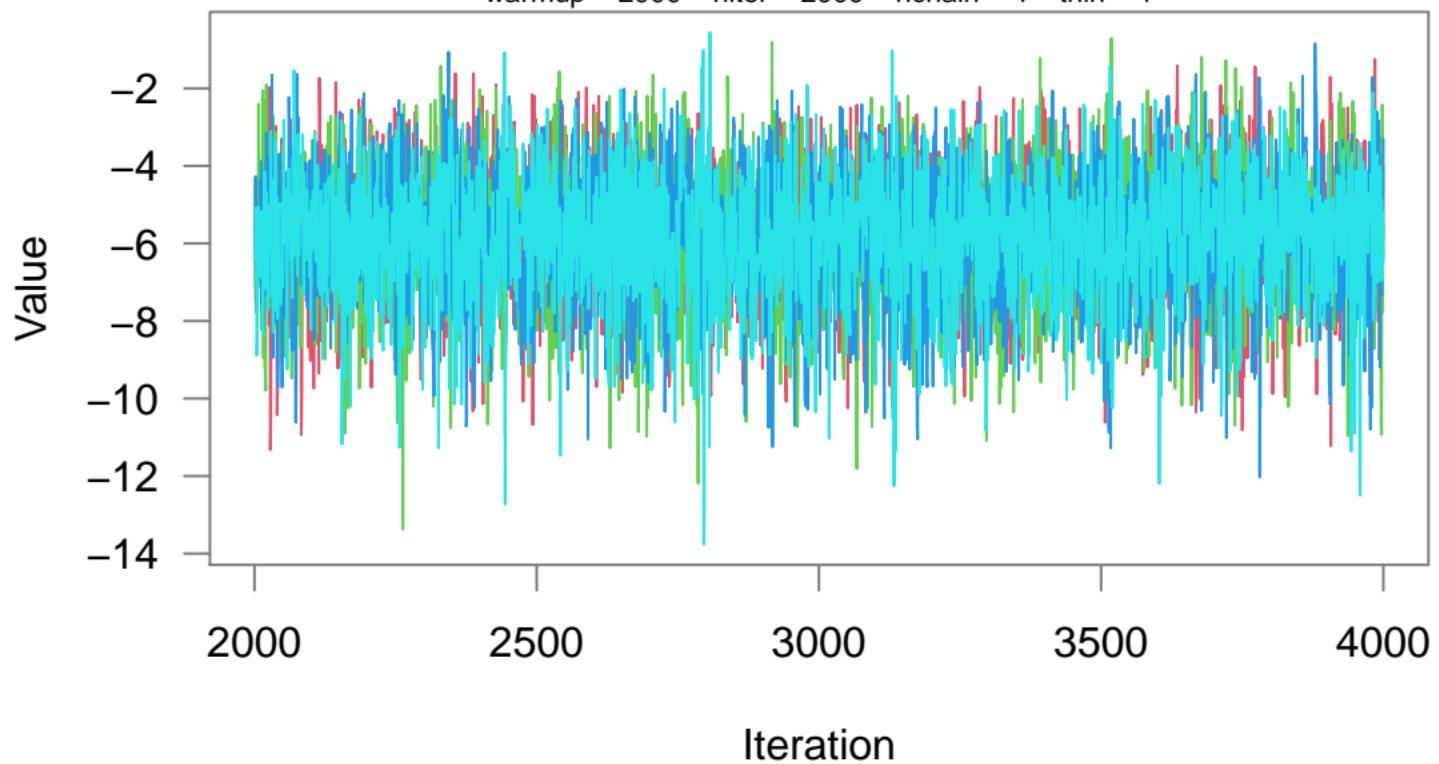
b_zi_year_fac2019

warmup = 2000 niter = 2000 nchain = 4 thin = 1



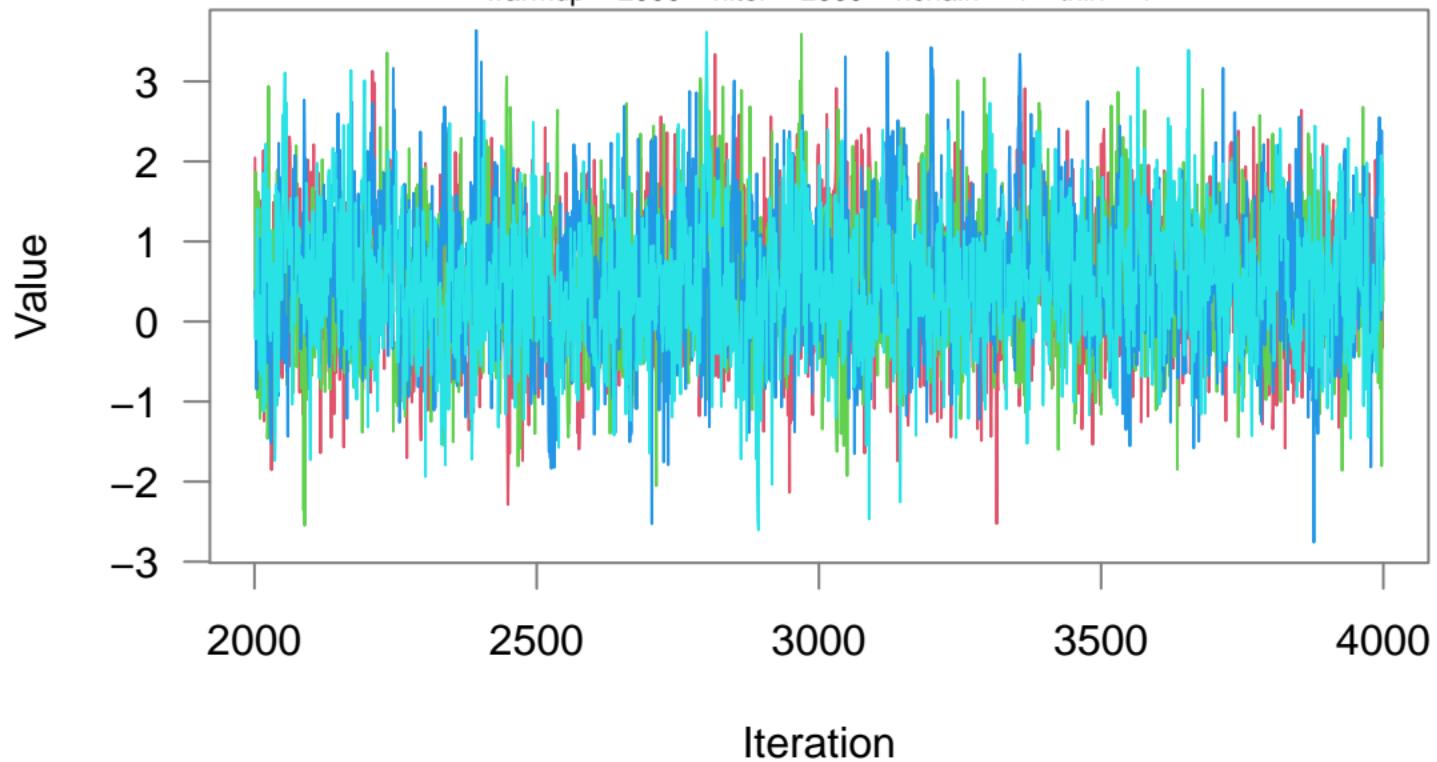
b_zi_year_fac2020

warmup = 2000 niter = 2000 nchain = 4 thin = 1



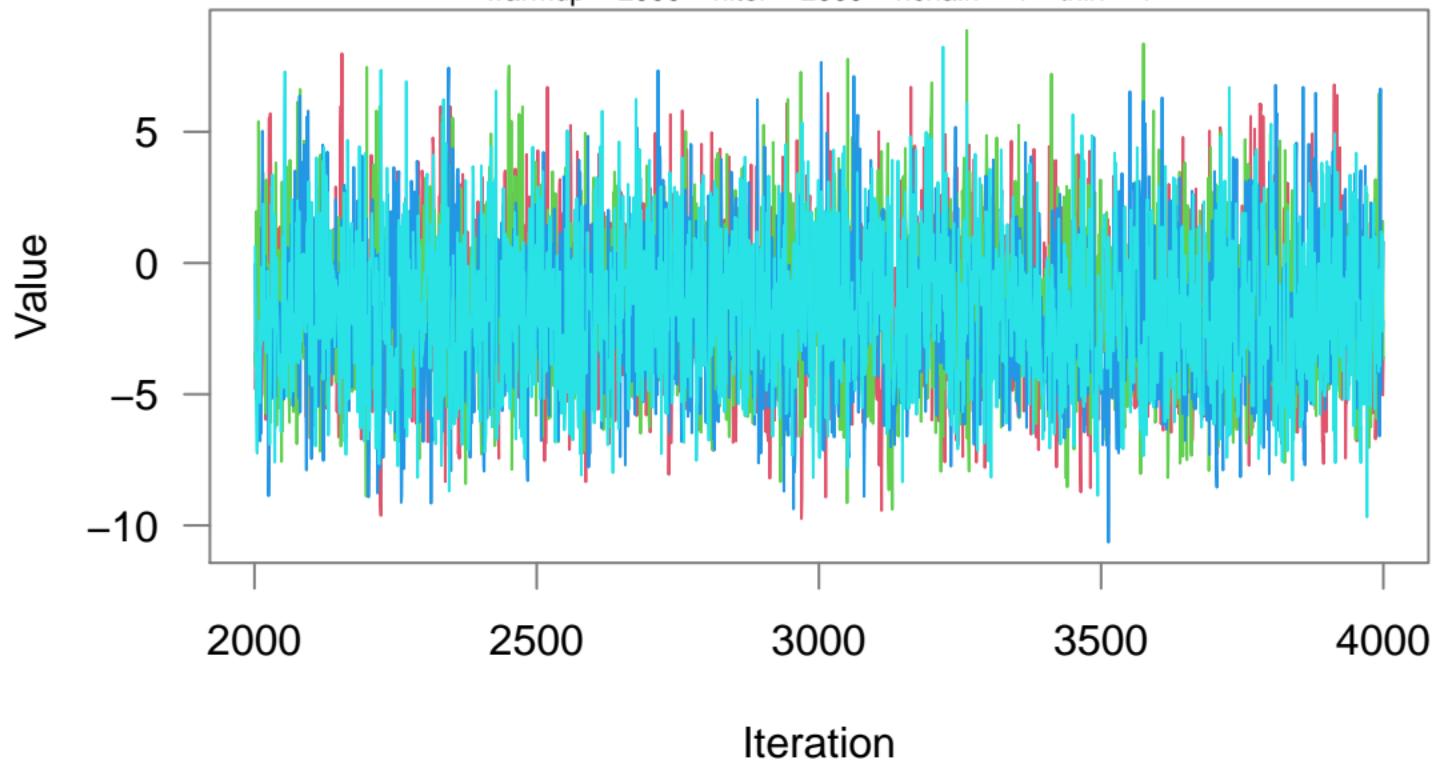
b_zi_year_fac2021

warmup = 2000 niter = 2000 nchain = 4 thin = 1



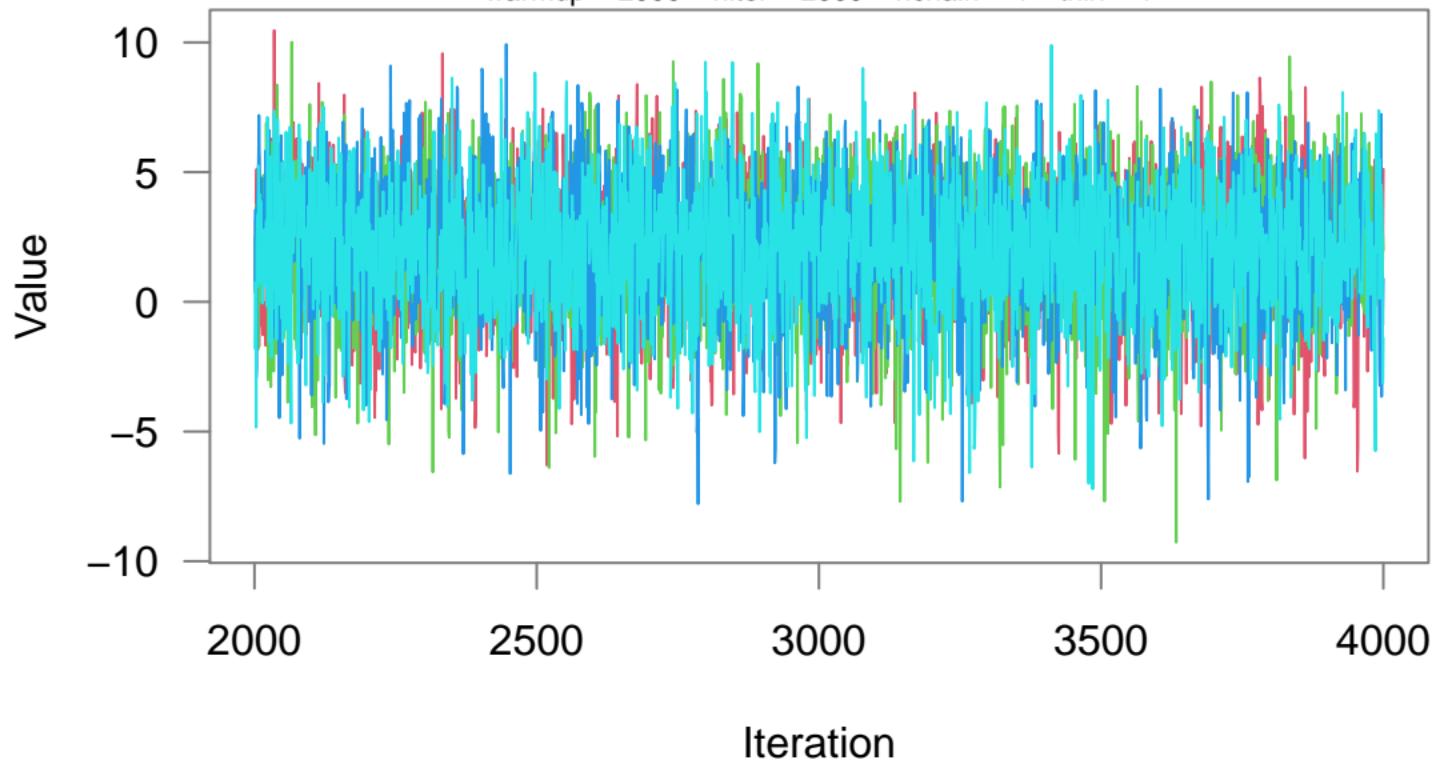
bs_sjulian_1

warmup = 2000 niter = 2000 nchain = 4 thin = 1



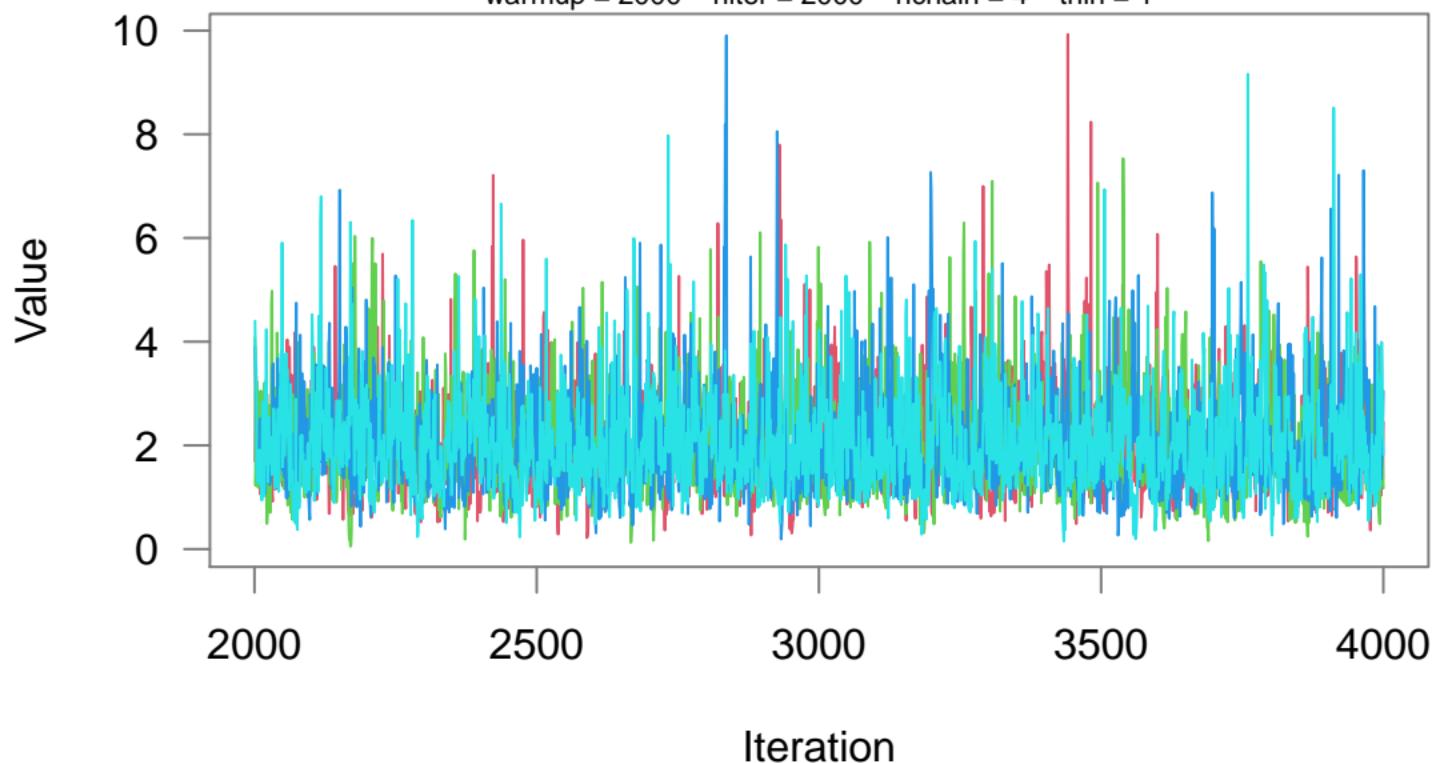
bs_zi_sjulian_1

warmup = 2000 niter = 2000 nchain = 4 thin = 1

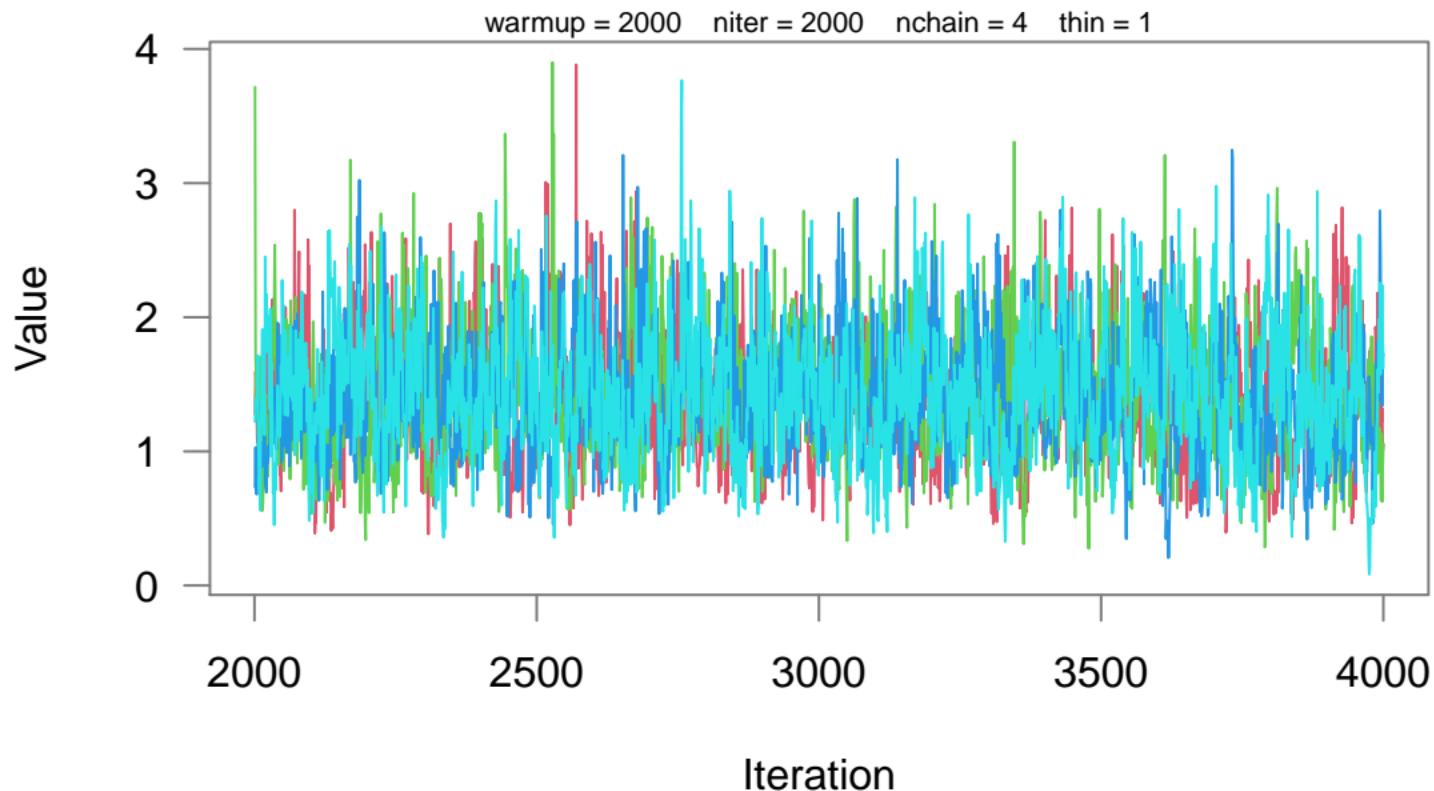


sd_bay_fac_Intercept

warmup = 2000 niter = 2000 nchain = 4 thin = 1

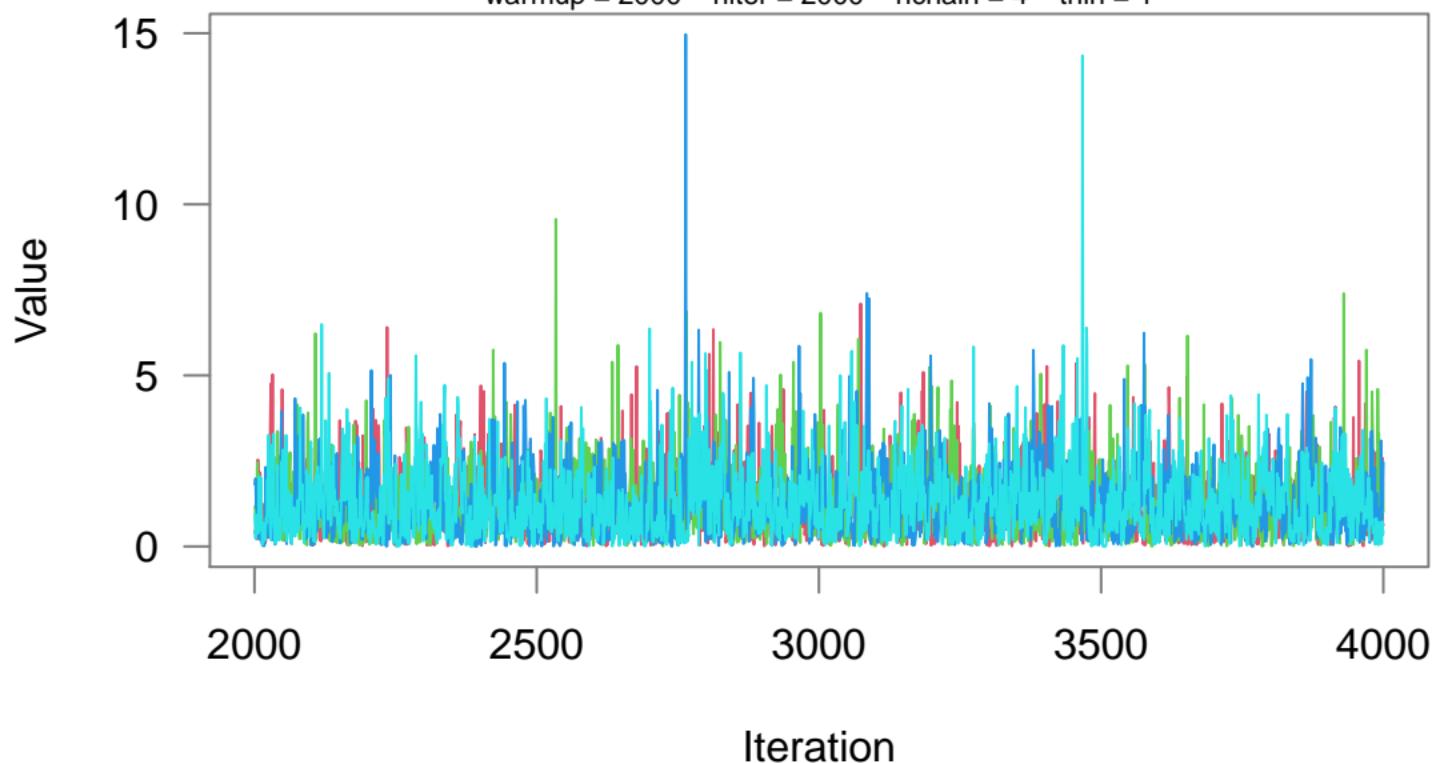


sd_bay_fac:site_fac__Intercept



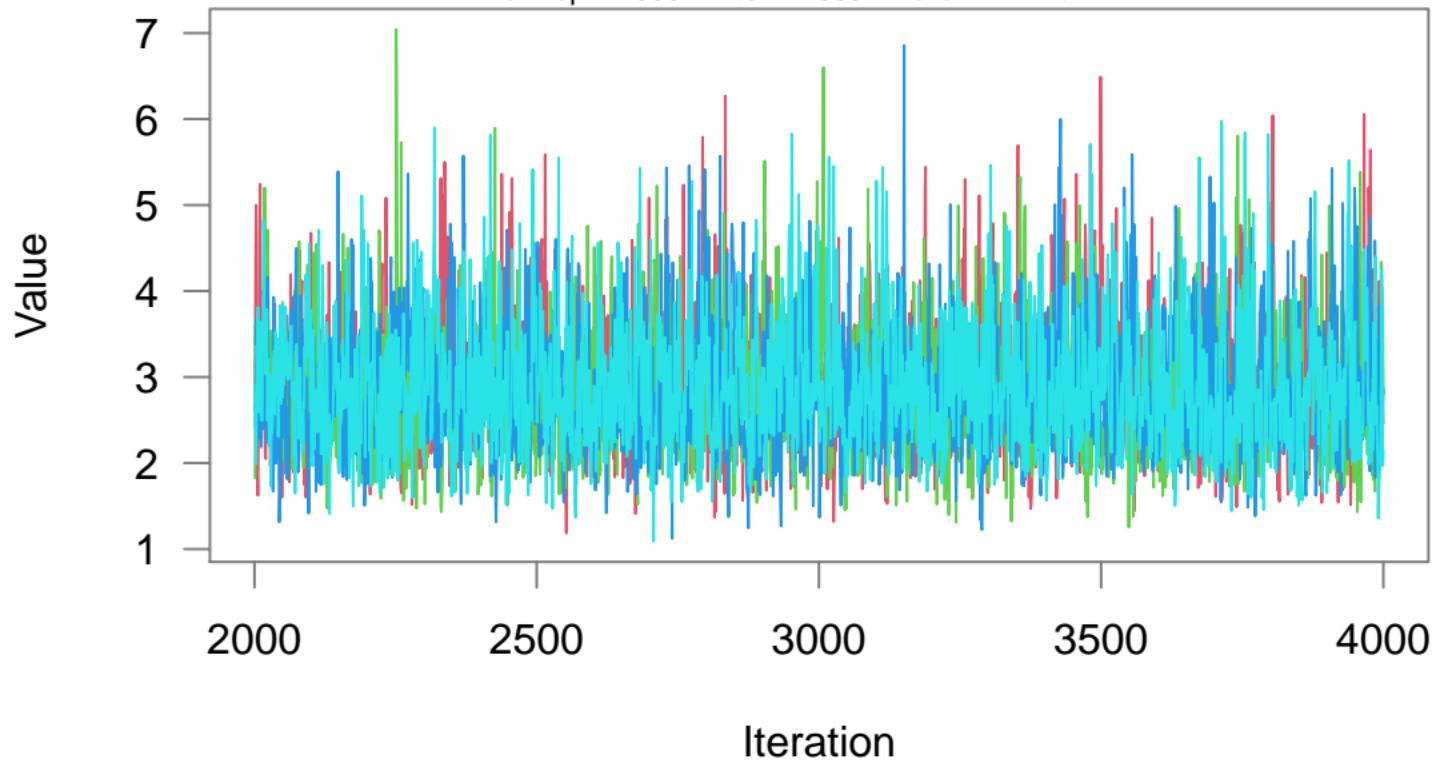
sd_bay_fac_zi_Intercept

warmup = 2000 niter = 2000 nchain = 4 thin = 1



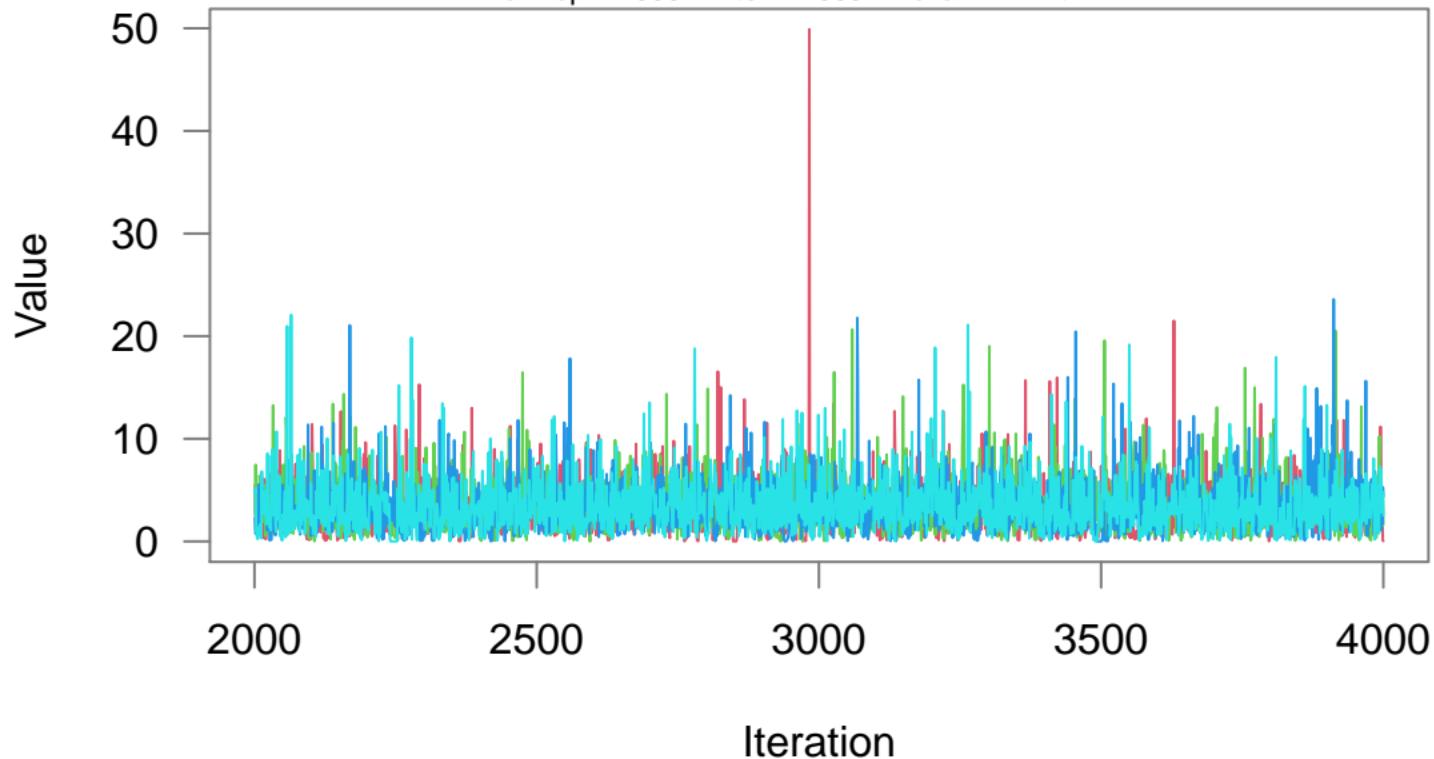
sd_bay_fac:site_fac__zi_Intercept

warmup = 2000 niter = 2000 nchain = 4 thin = 1



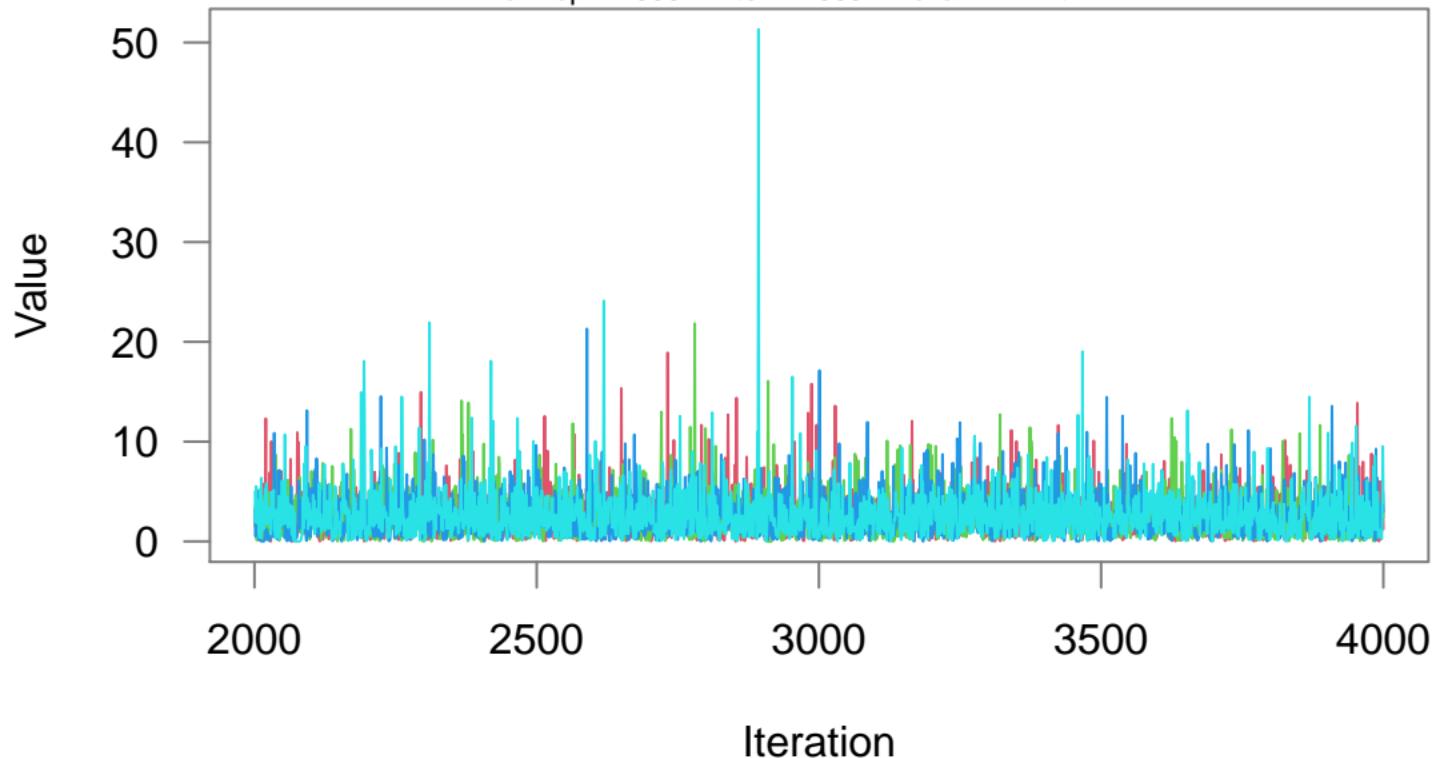
sds_sjulian_1

warmup = 2000 niter = 2000 nchain = 4 thin = 1



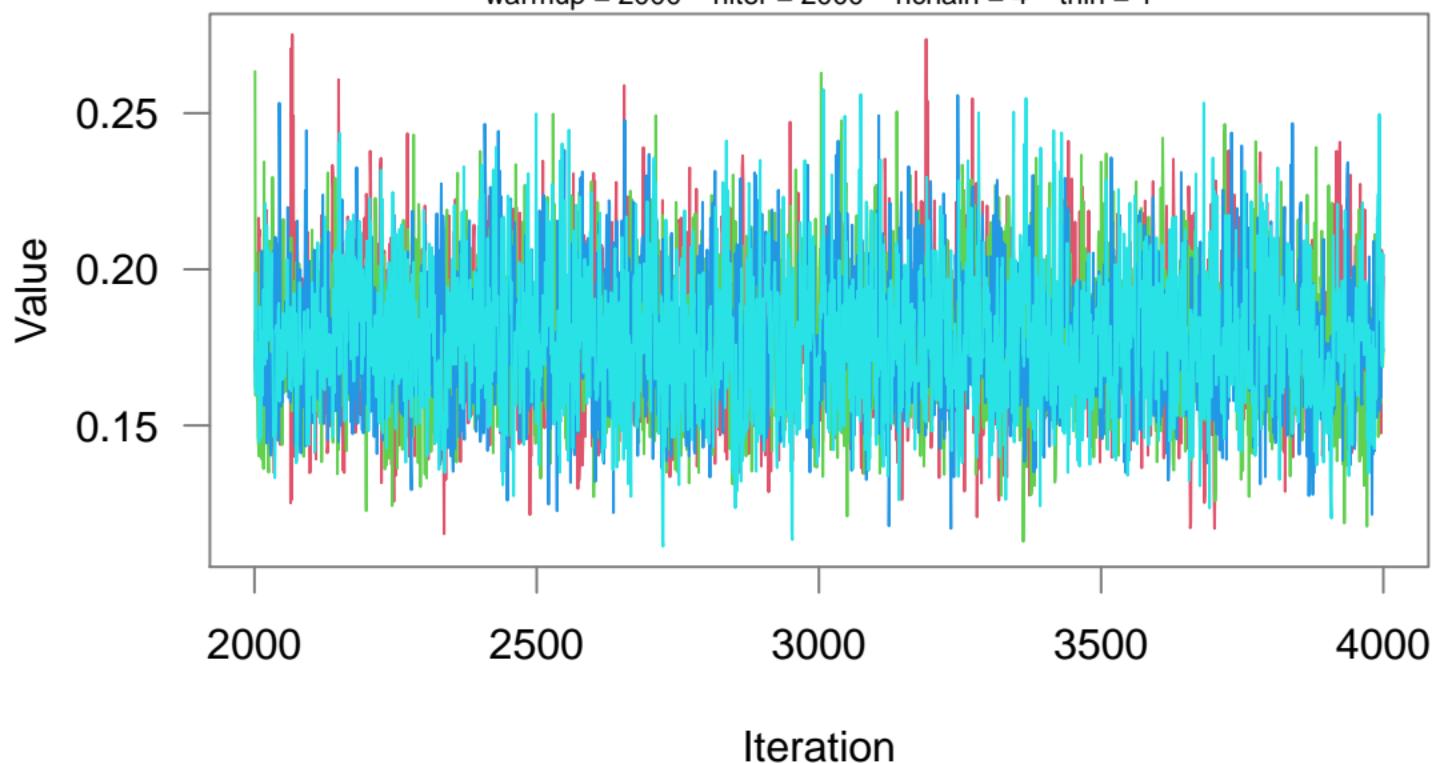
sds_zi_sjulian_1

warmup = 2000 niter = 2000 nchain = 4 thin = 1



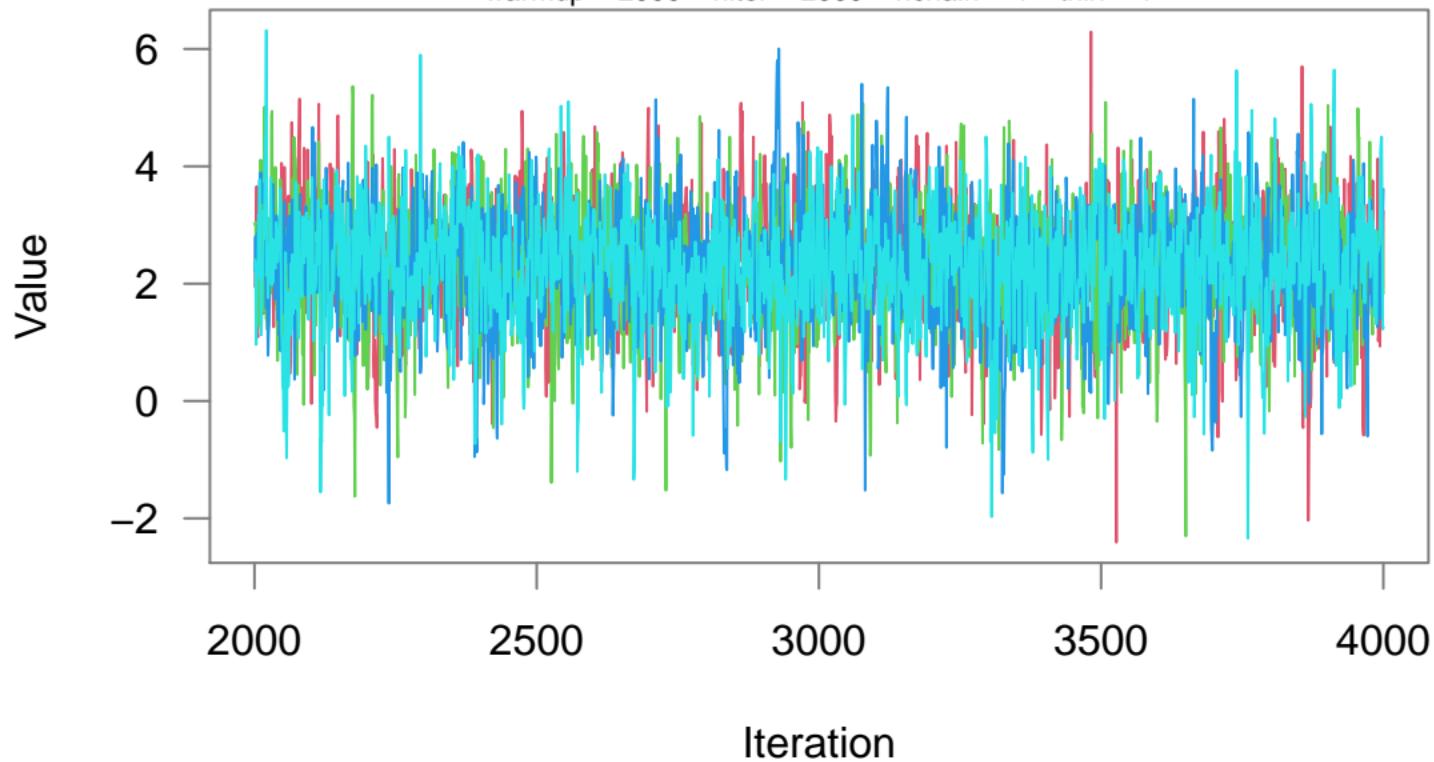
shape

warmup = 2000 niter = 2000 nchain = 4 thin = 1



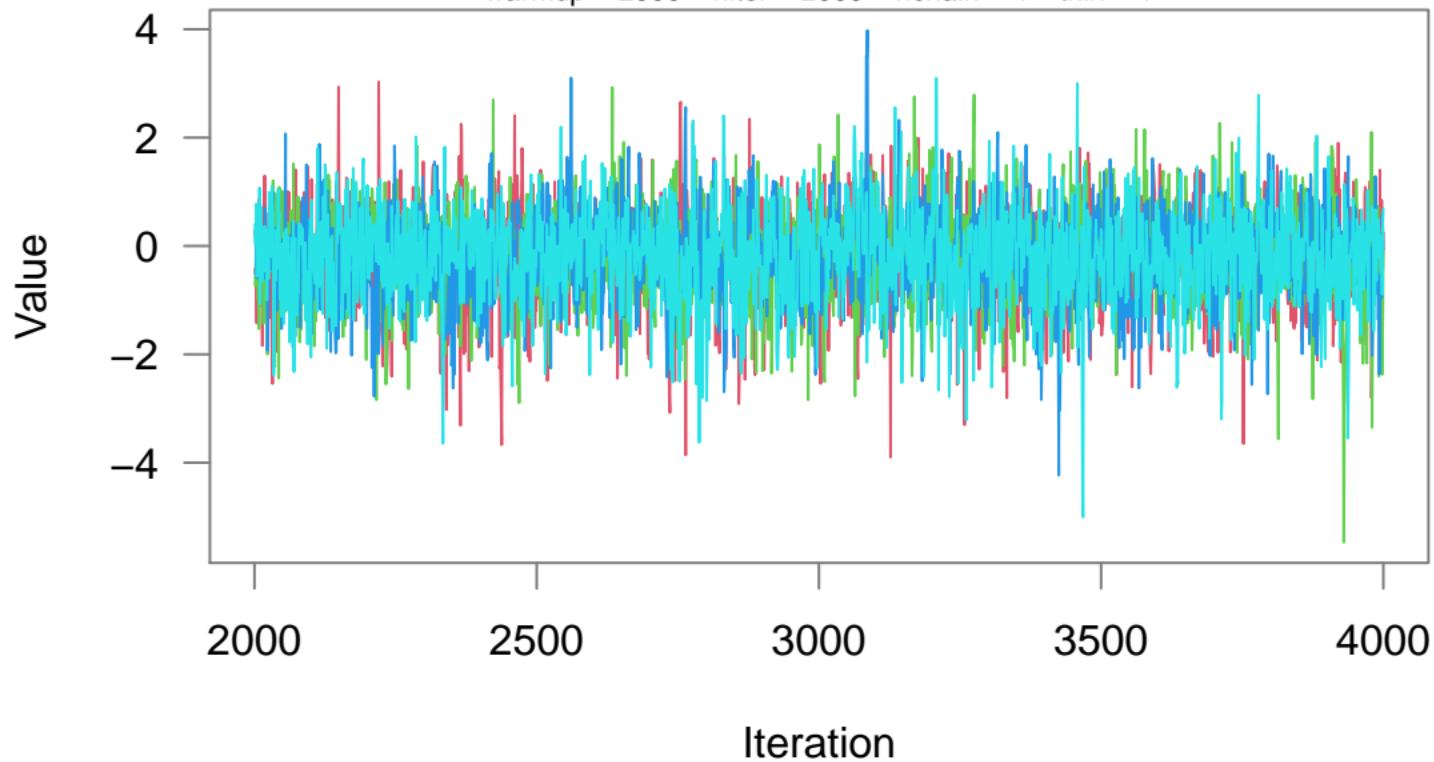
Intercept

warmup = 2000 niter = 2000 nchain = 4 thin = 1



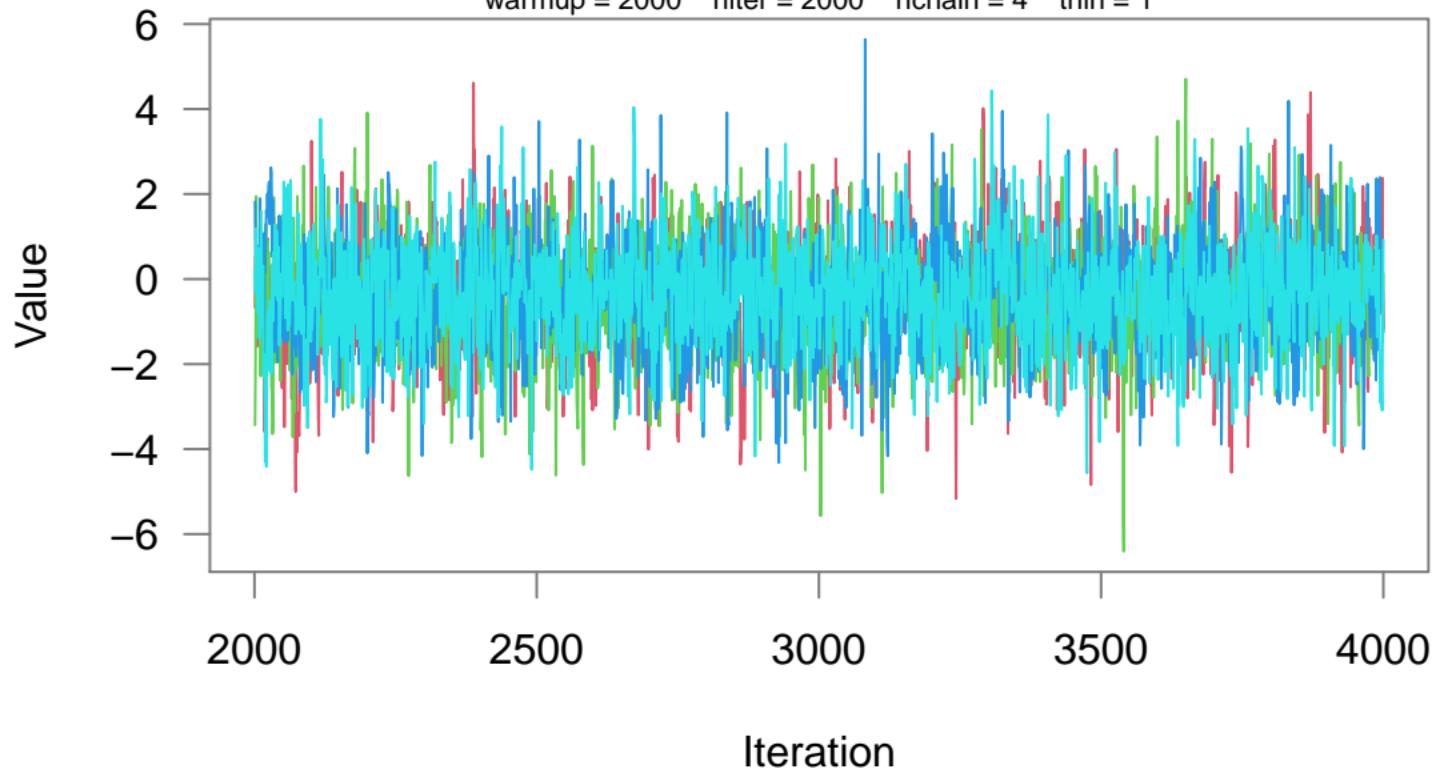
Intercept_zi

warmup = 2000 niter = 2000 nchain = 4 thin = 1



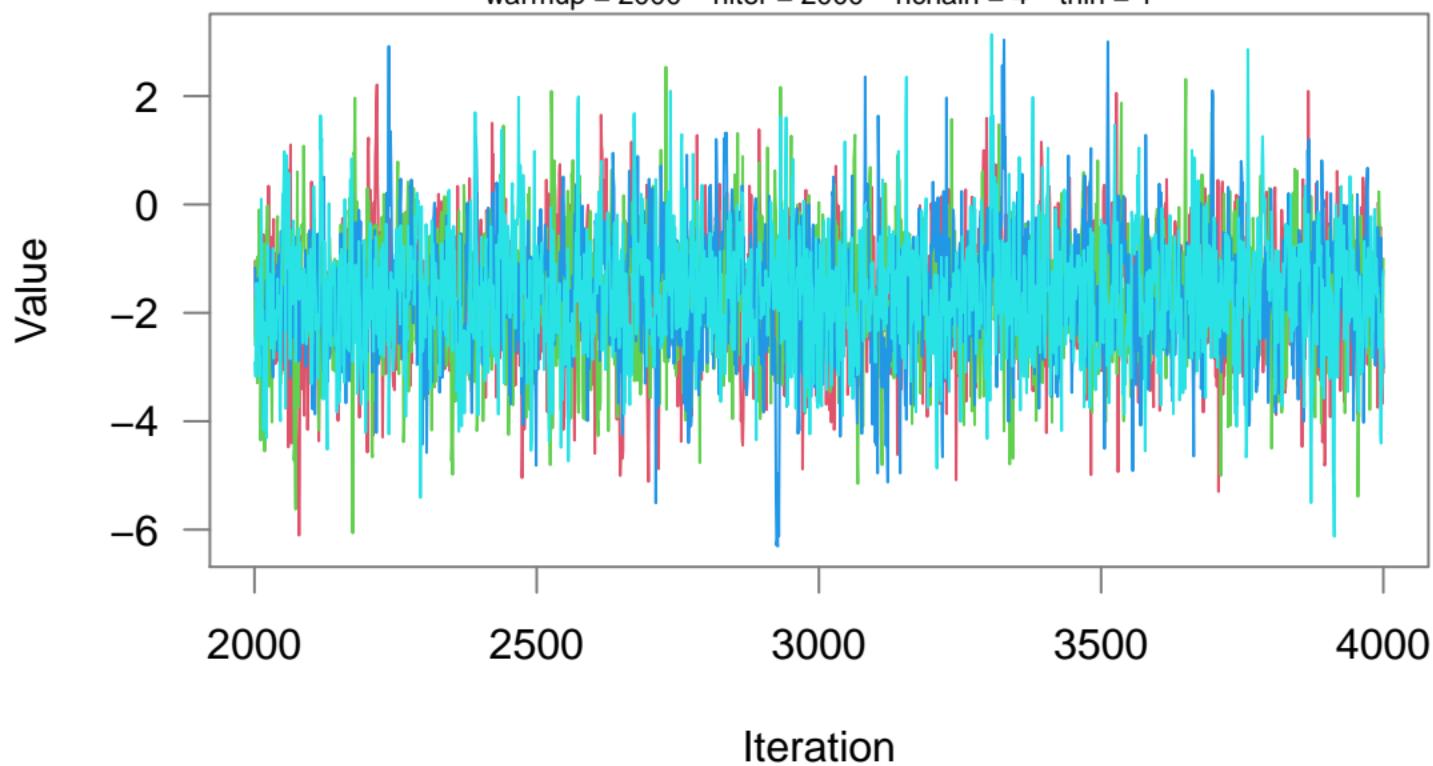
r_bay_fac[Agripina,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



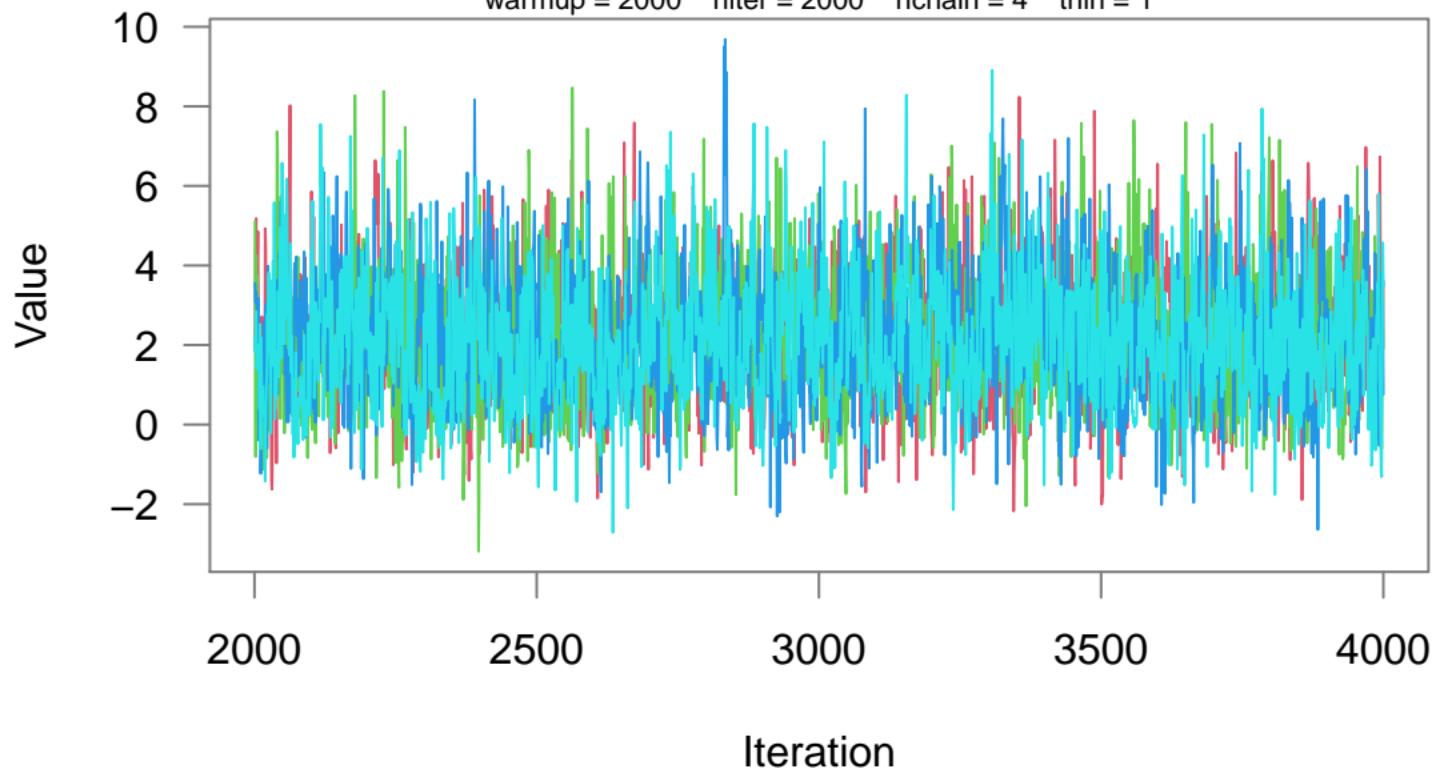
r_bay_fac[Anton.Larson,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



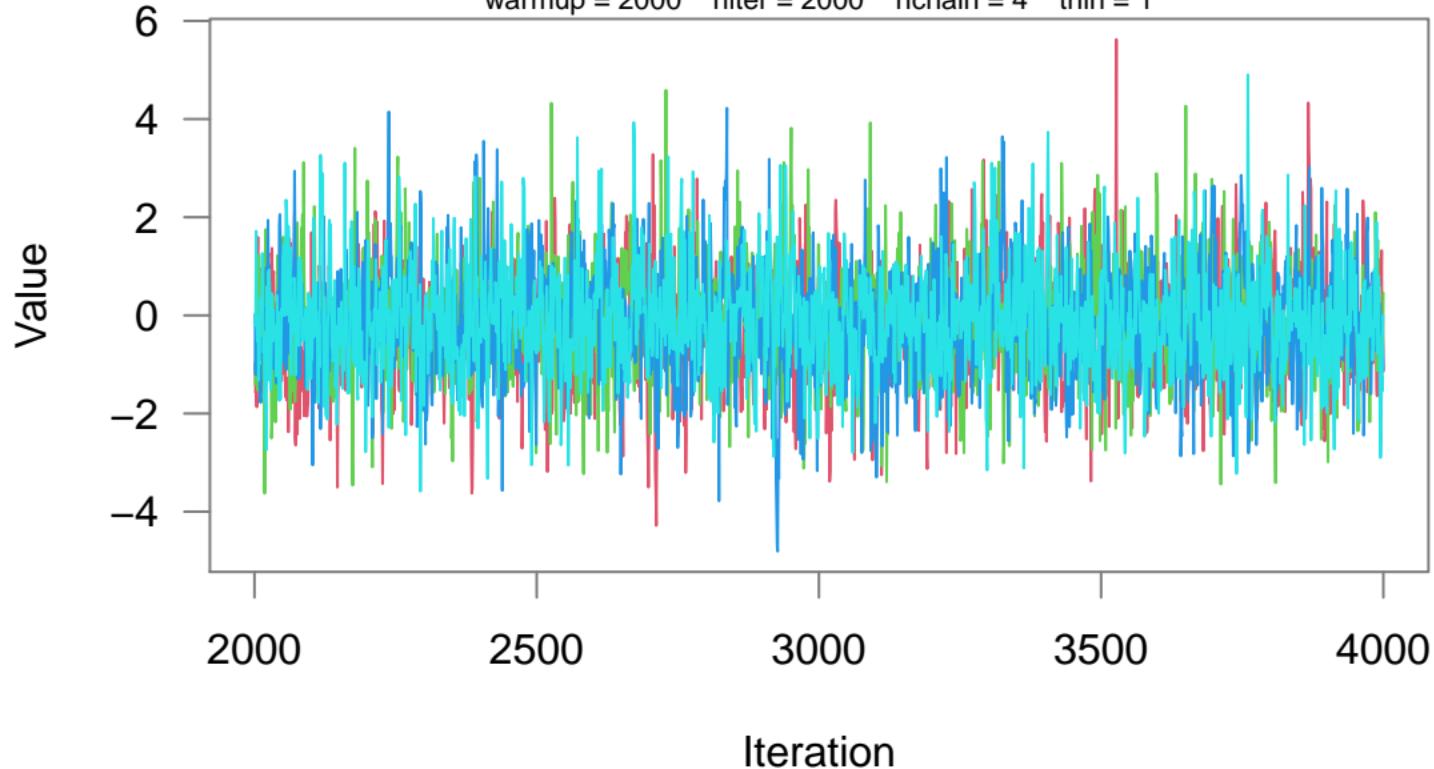
r_bay_fac[Balboa,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



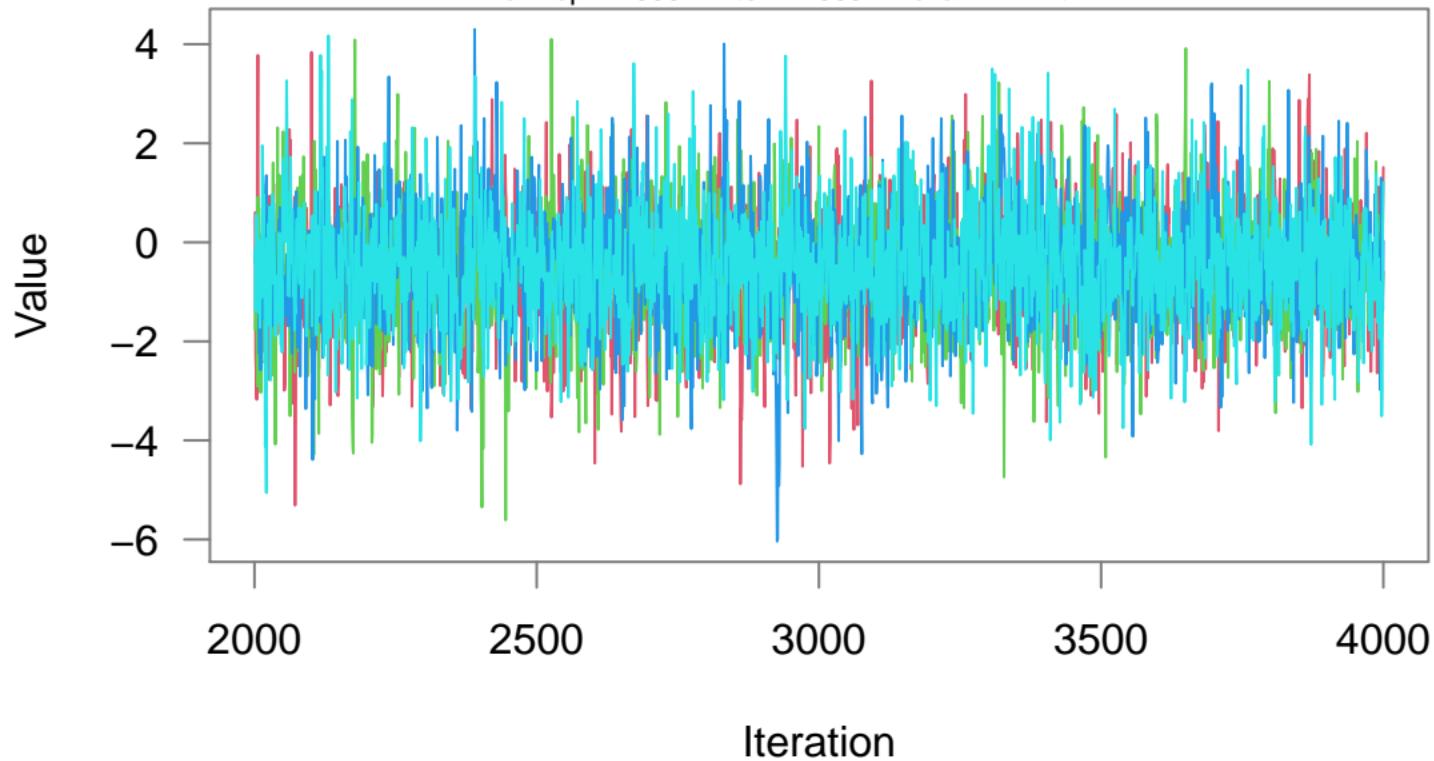
r_bay_fac[Cook,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



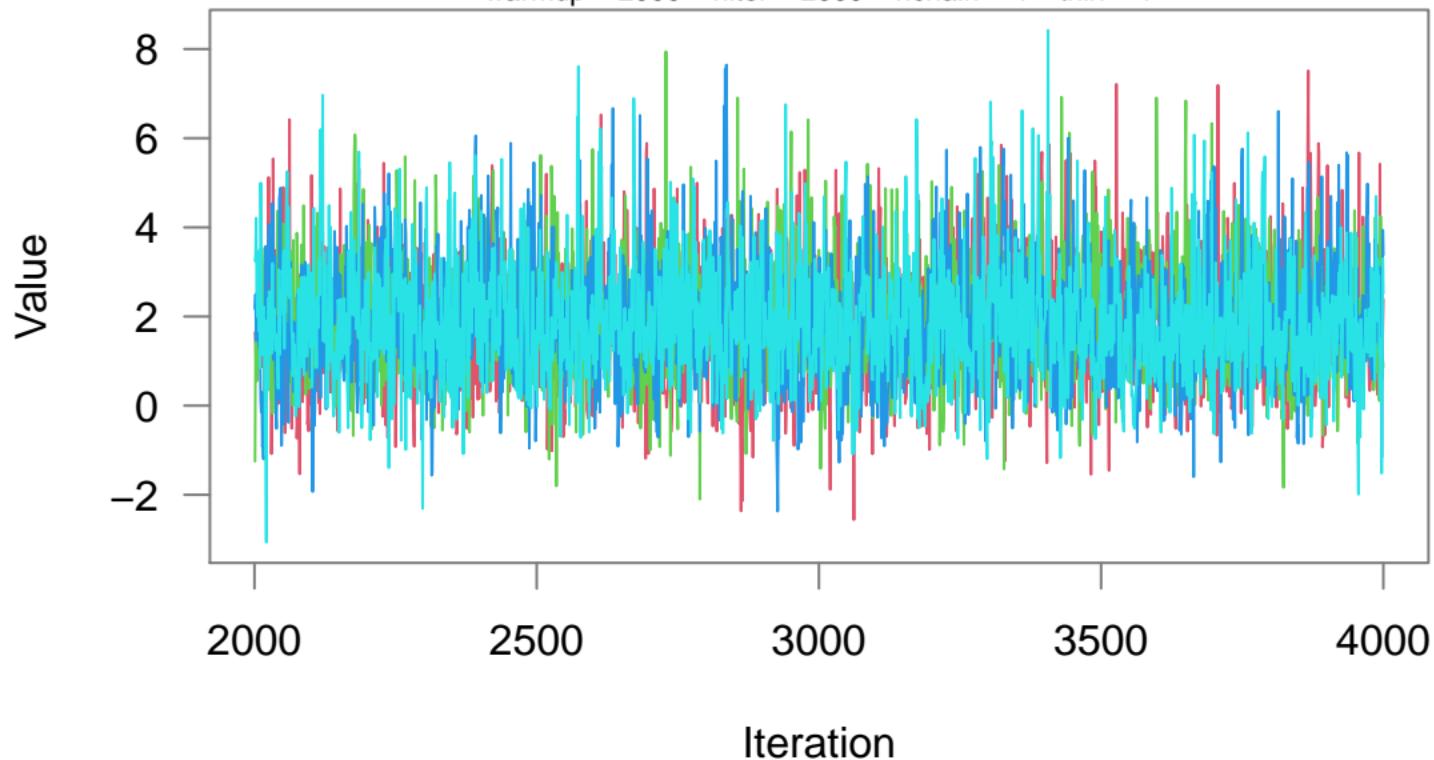
r_bay_fac[Mitrofania,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



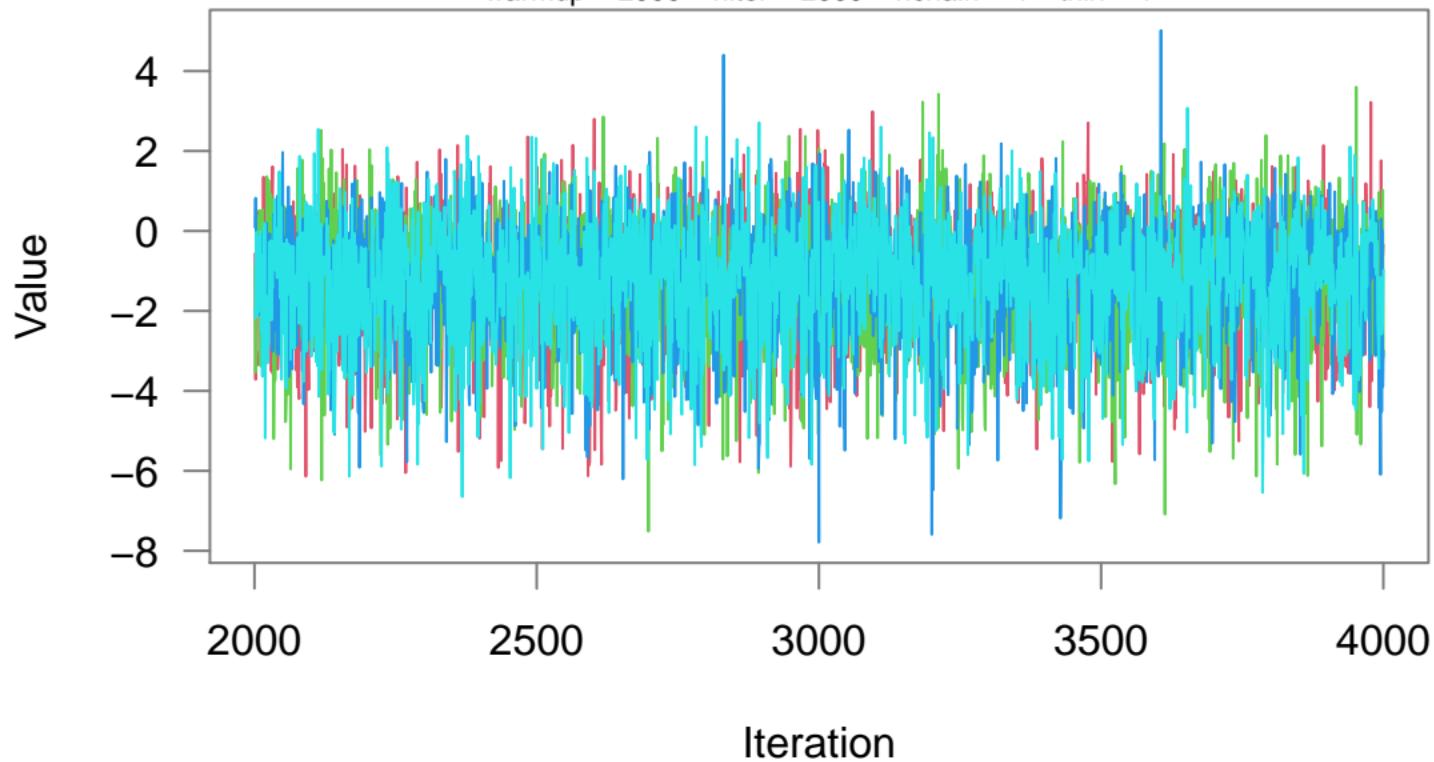
r_bay_fac[Port.Wrangell,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



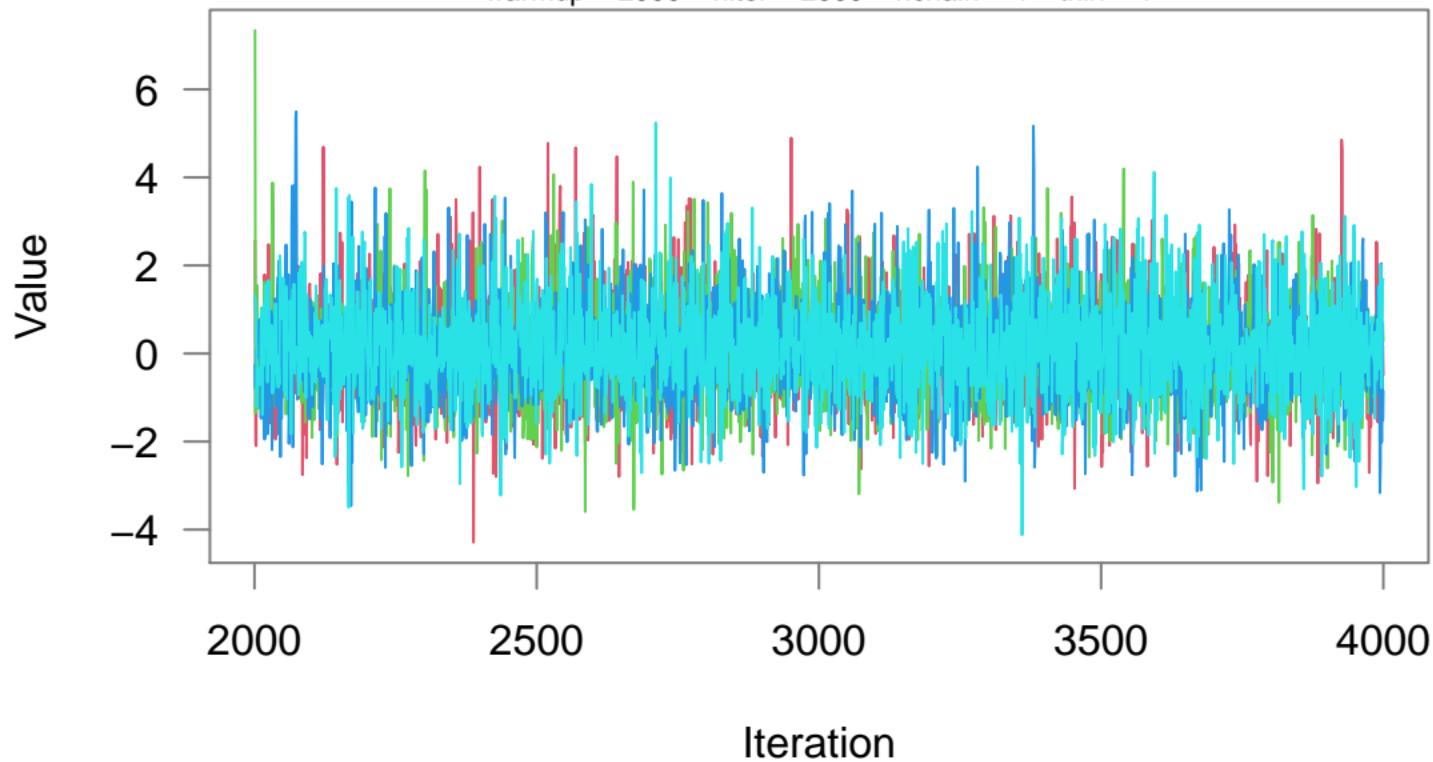
r_bay_fac:site_fac[Agripina_AG-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



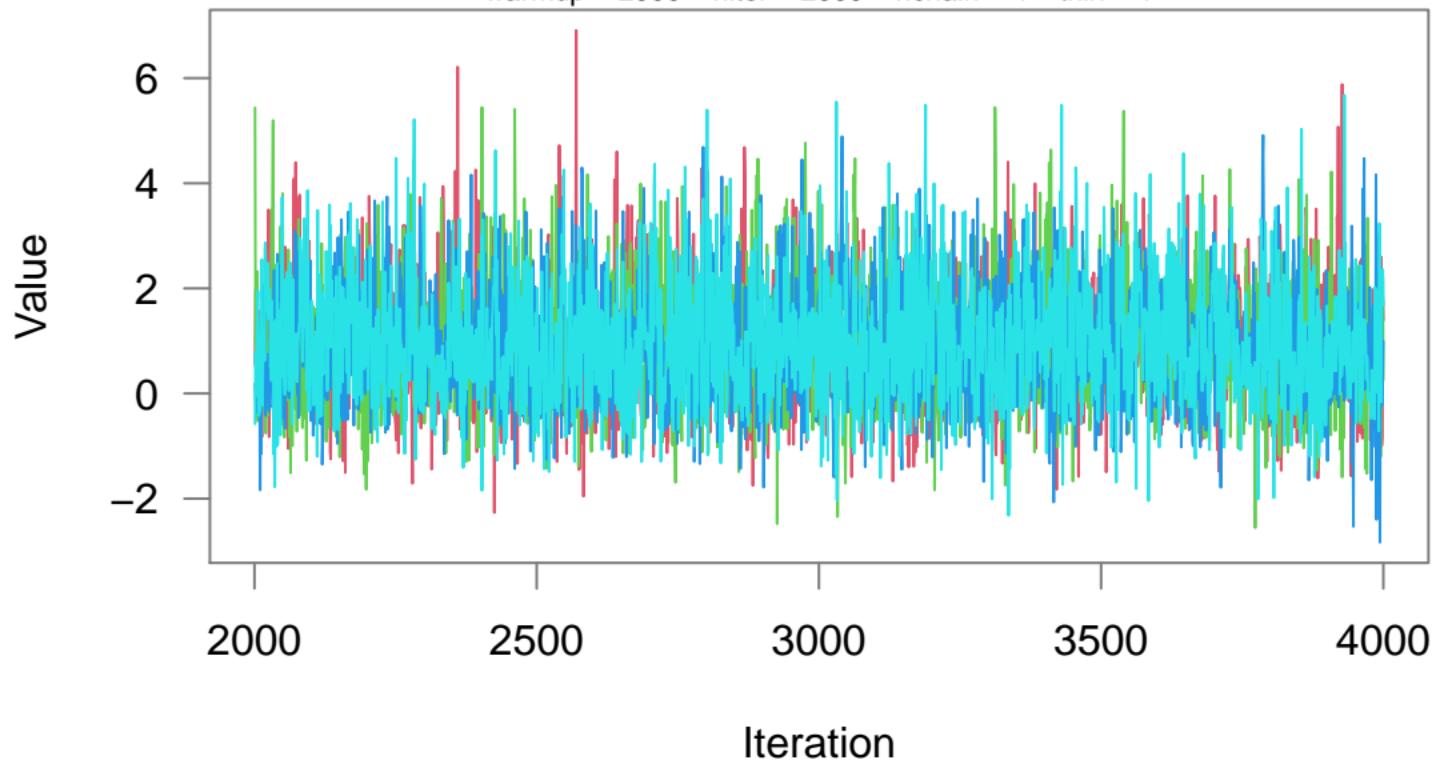
r_bay_fac:site_fac[Agripina_AG-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



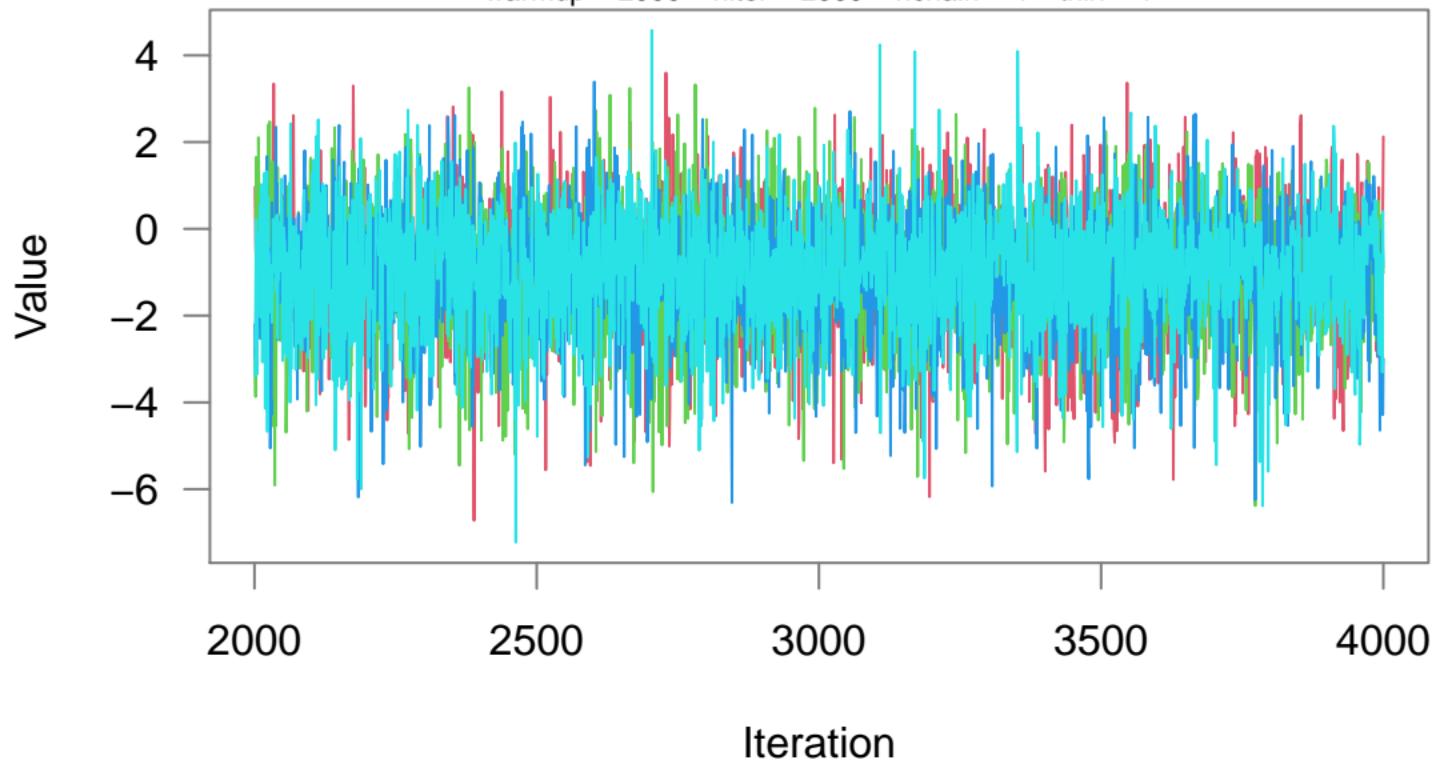
r_bay_fac:site_fac[Agripina_AG-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



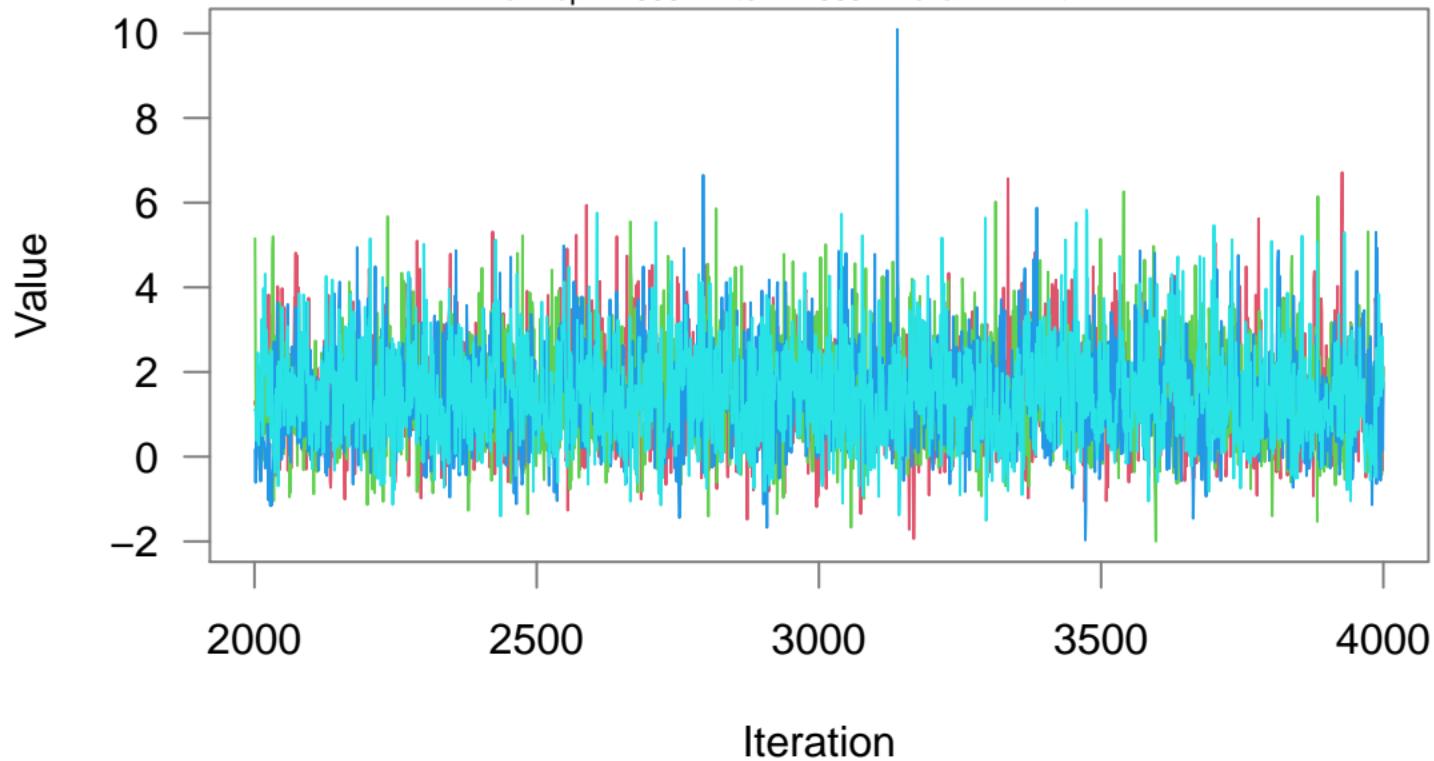
r_bay_fac:site_fac[Agripina_AG-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



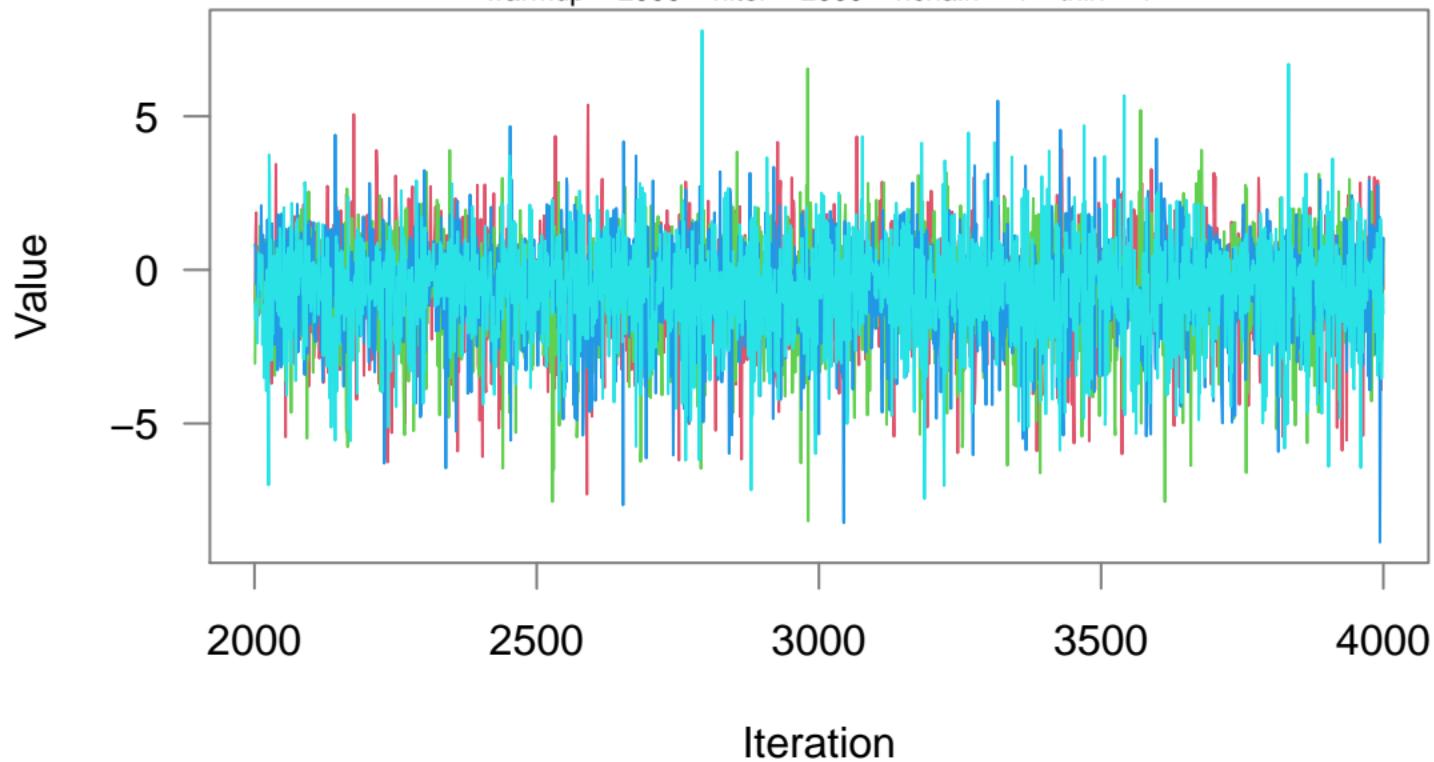
r_bay_fac:site_fac[Agripina_AG-5,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



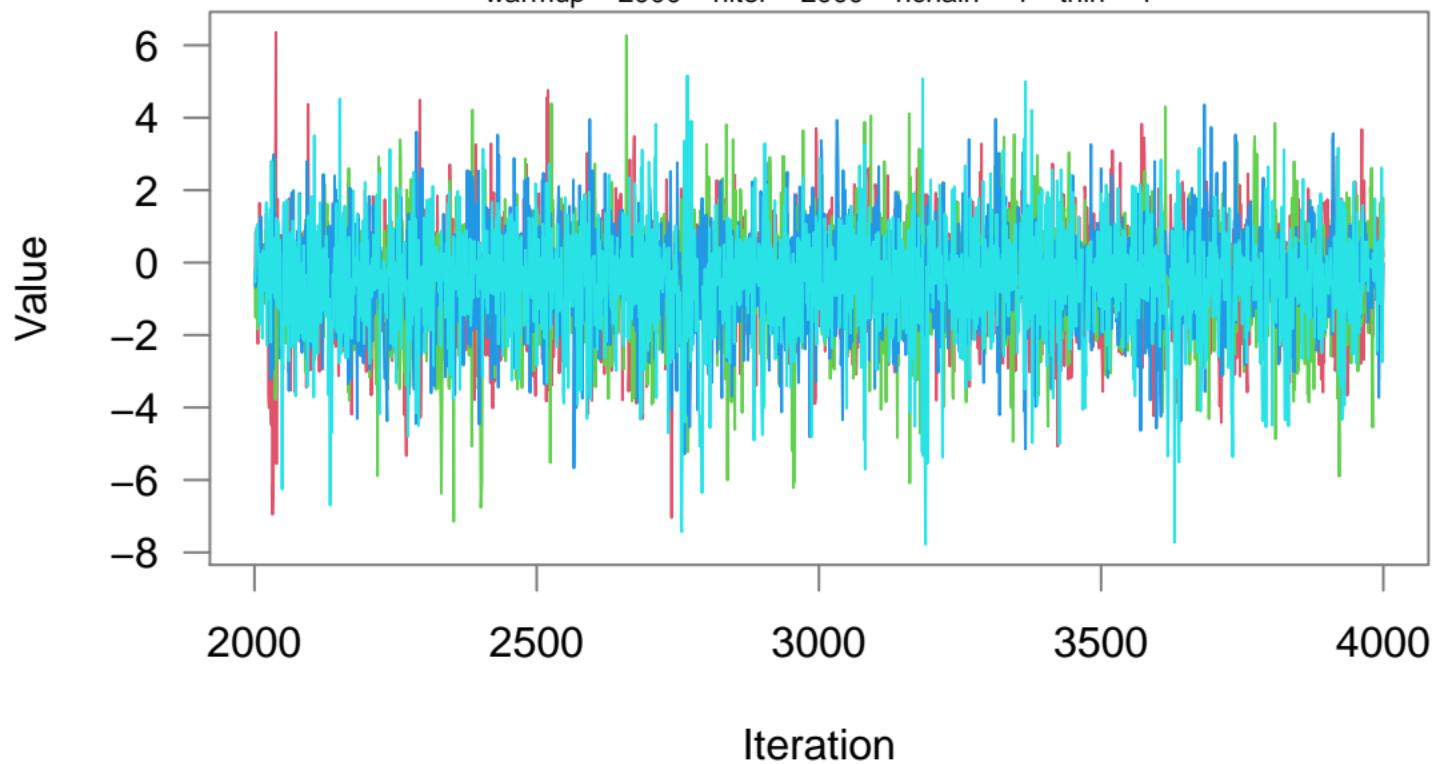
r_bay_fac:site_fac[Agripina_AG-6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

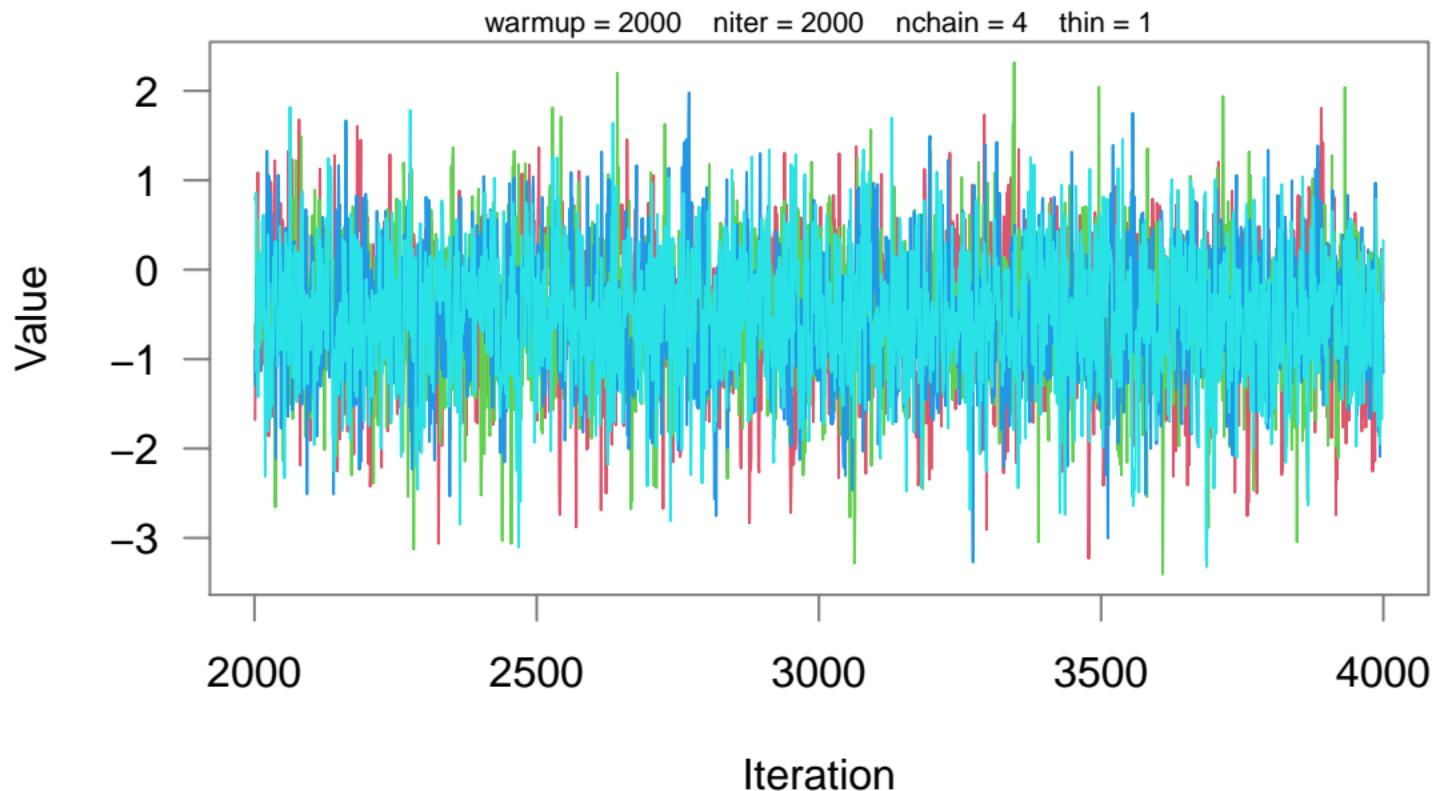


r_bay_fac:site_fac[Anton.Larson_Back.Bay.eelgrass,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

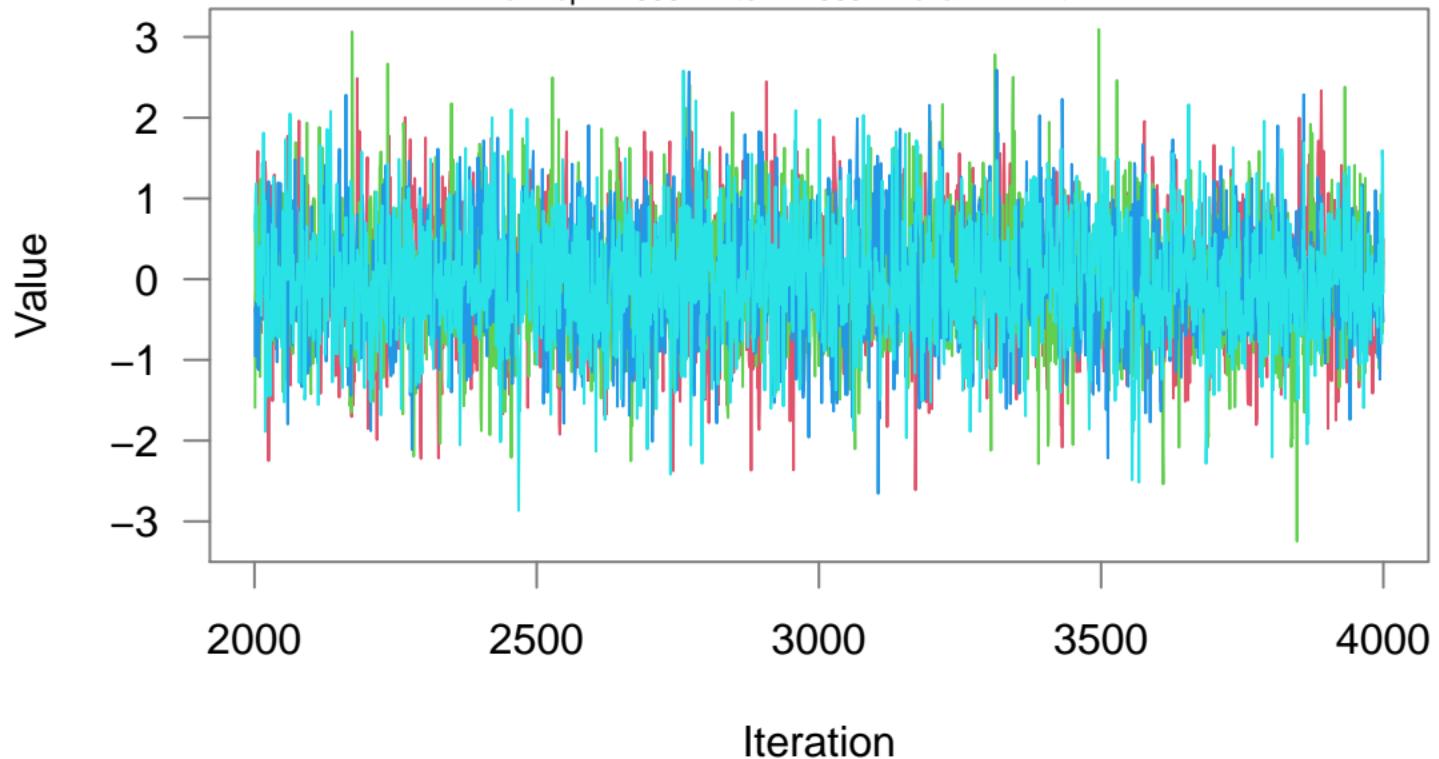


r_bay_fac:site_fac[Anton.Larson_Cobble.point,Intercept]

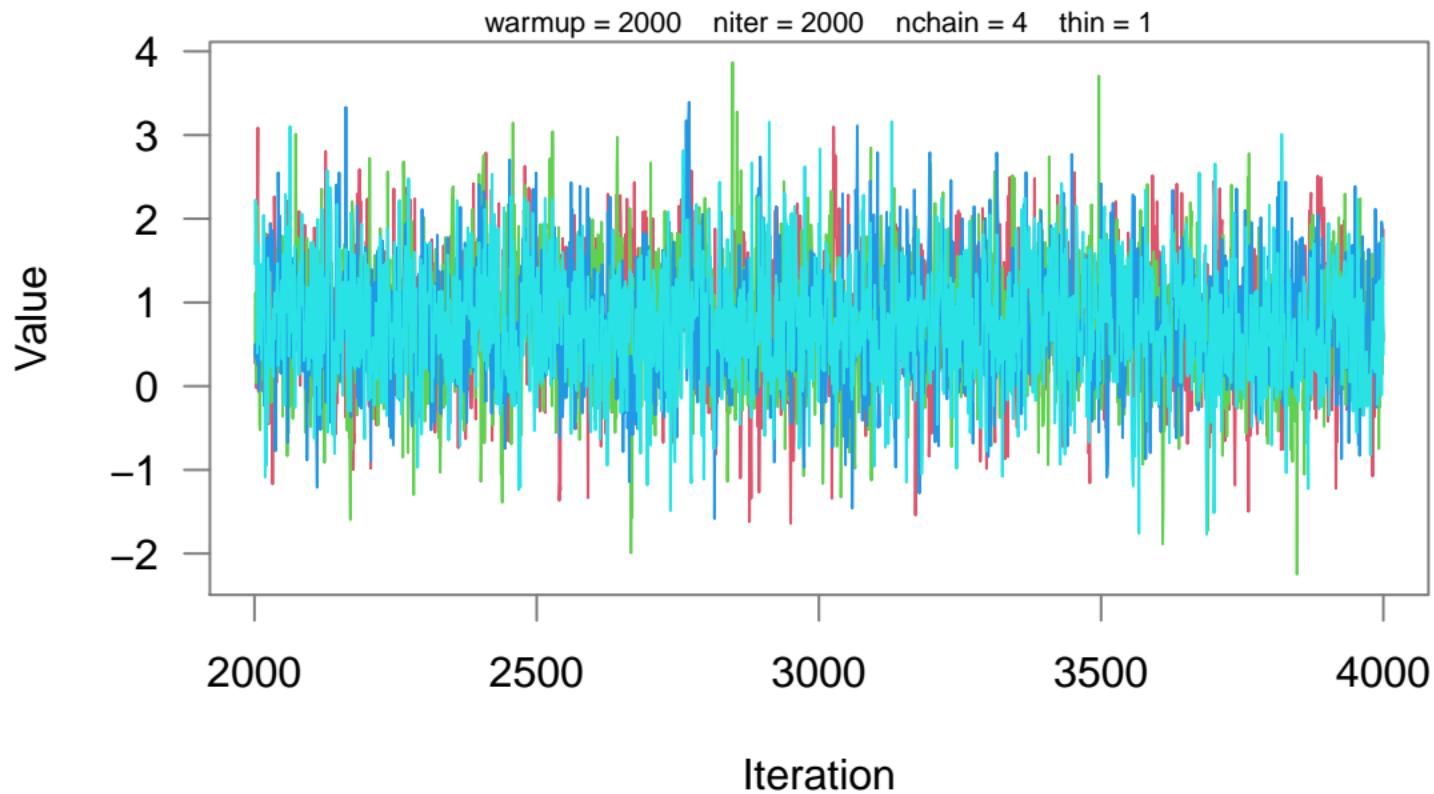


r_bay_fac:site_fac[Anton.Larson_Eelgrass.patches,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

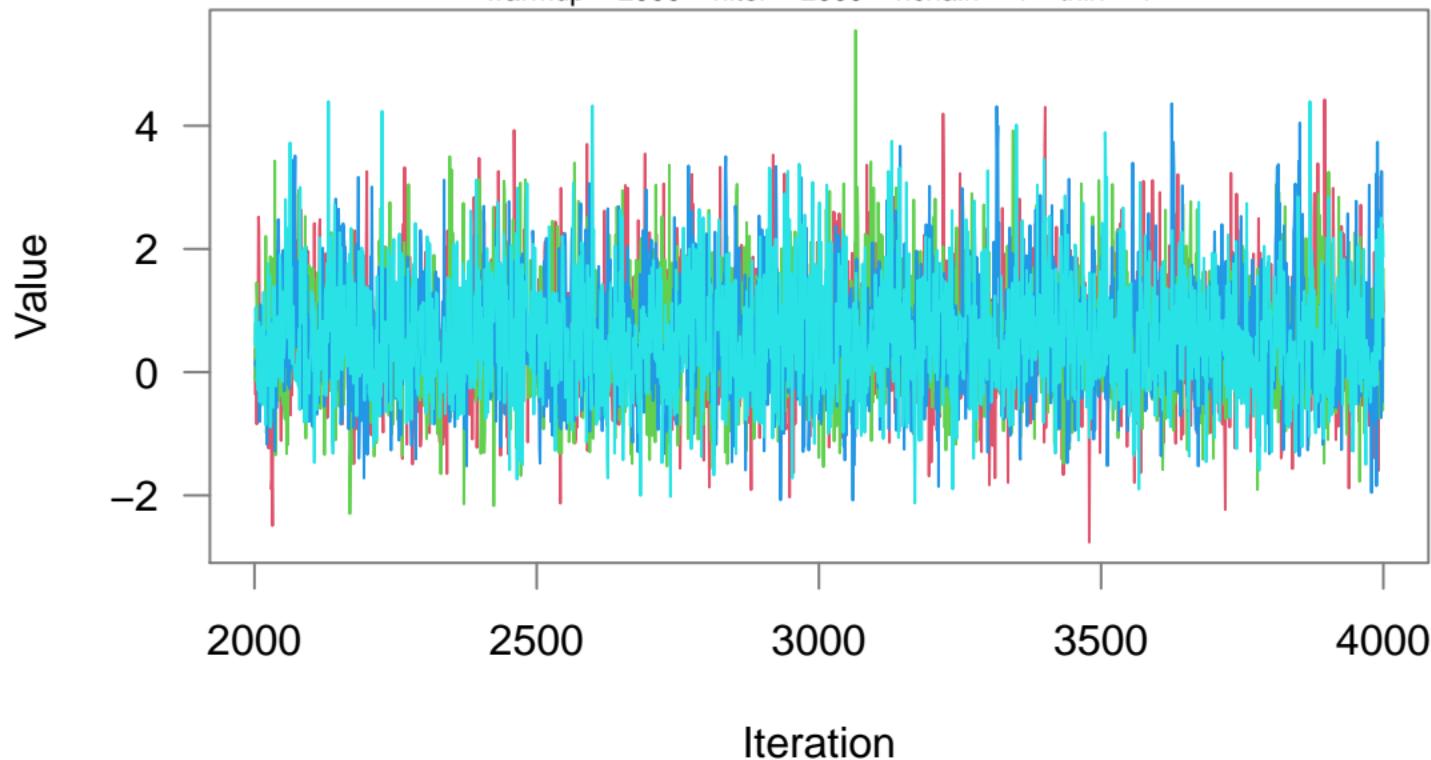


r_bay_fac:site_fac[Anton.Larson_Eelgrass.point,Intercept]

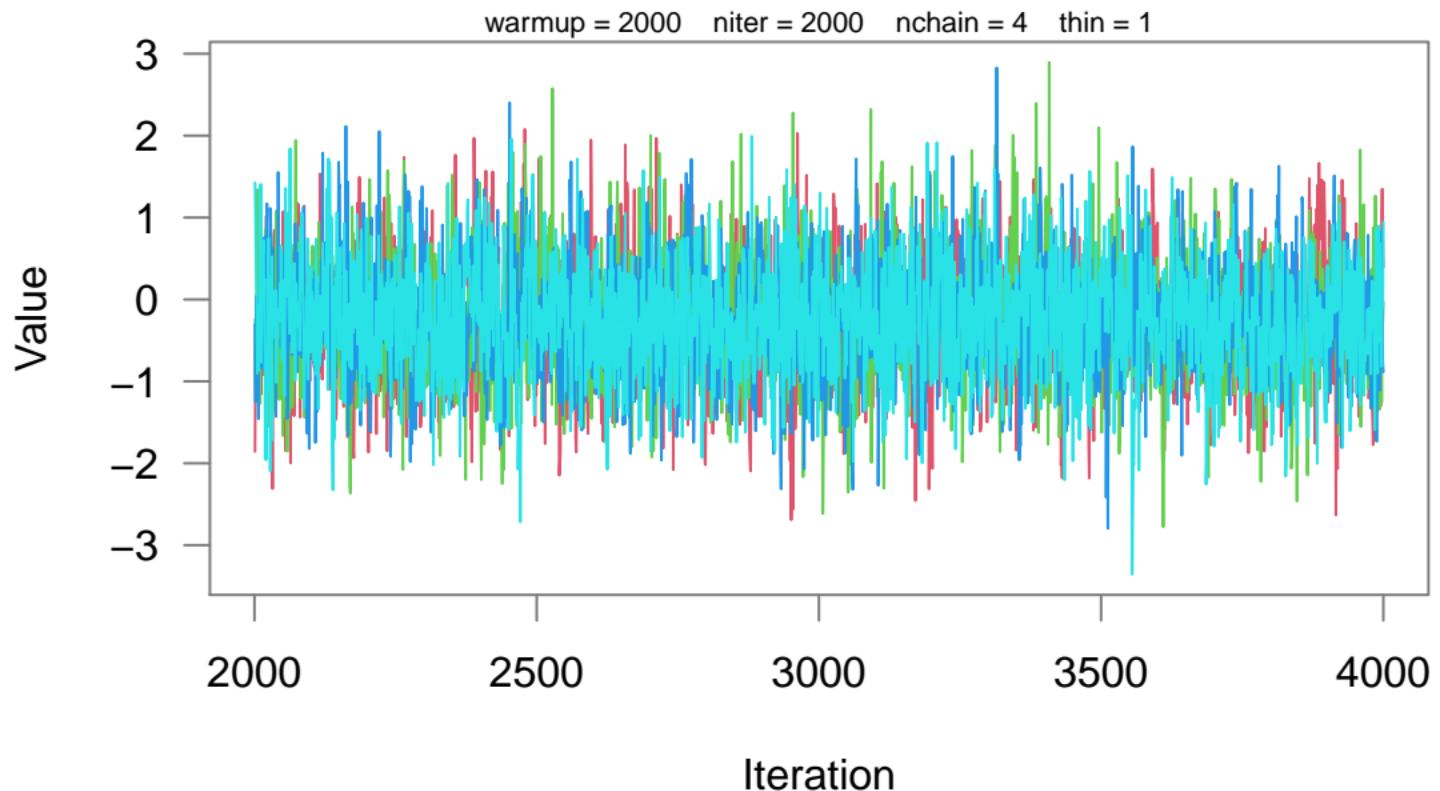


r_bay_fac:site_fac[Anton.Larson_Laminaria.#2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

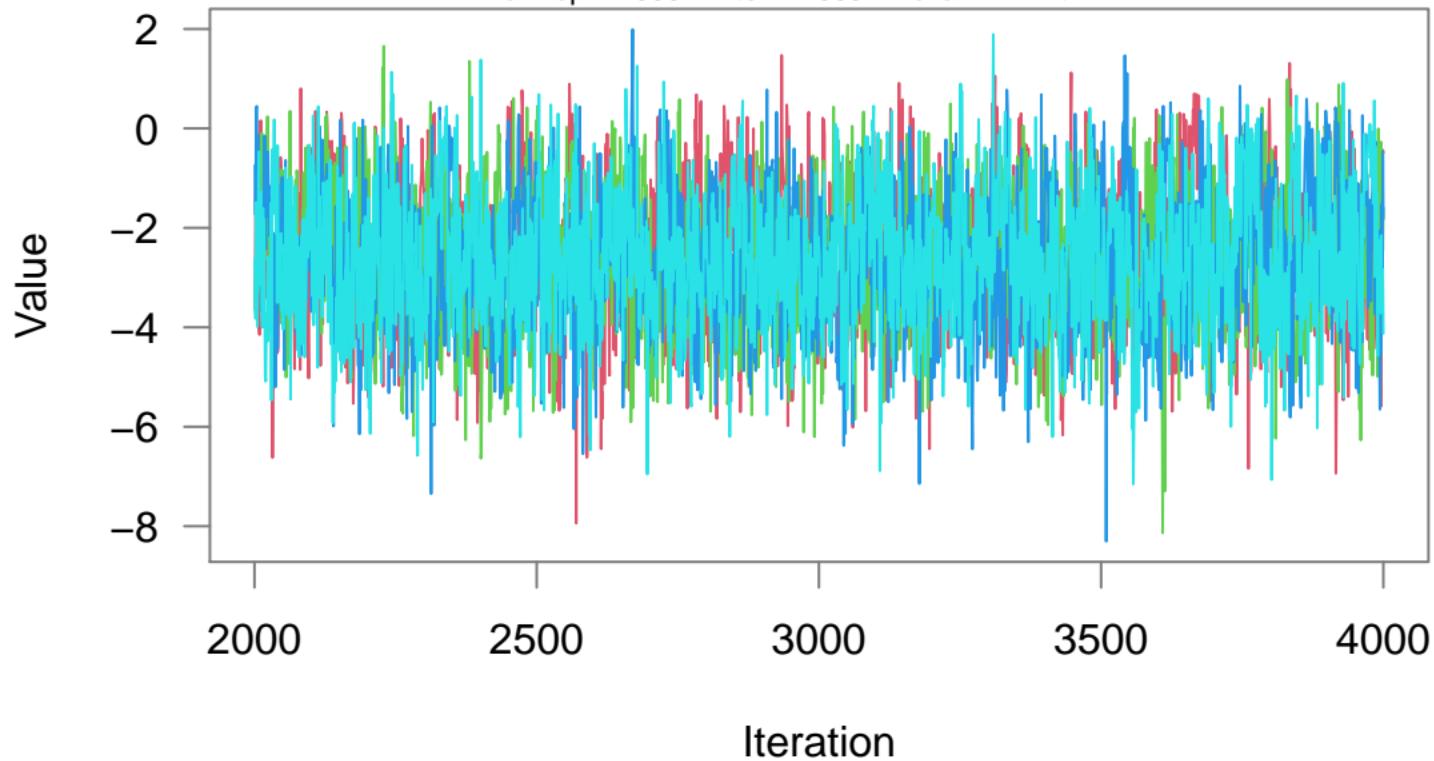


r_bay_fac:site_fac[Anton.Larson_Laminaria.Point,Intercept]



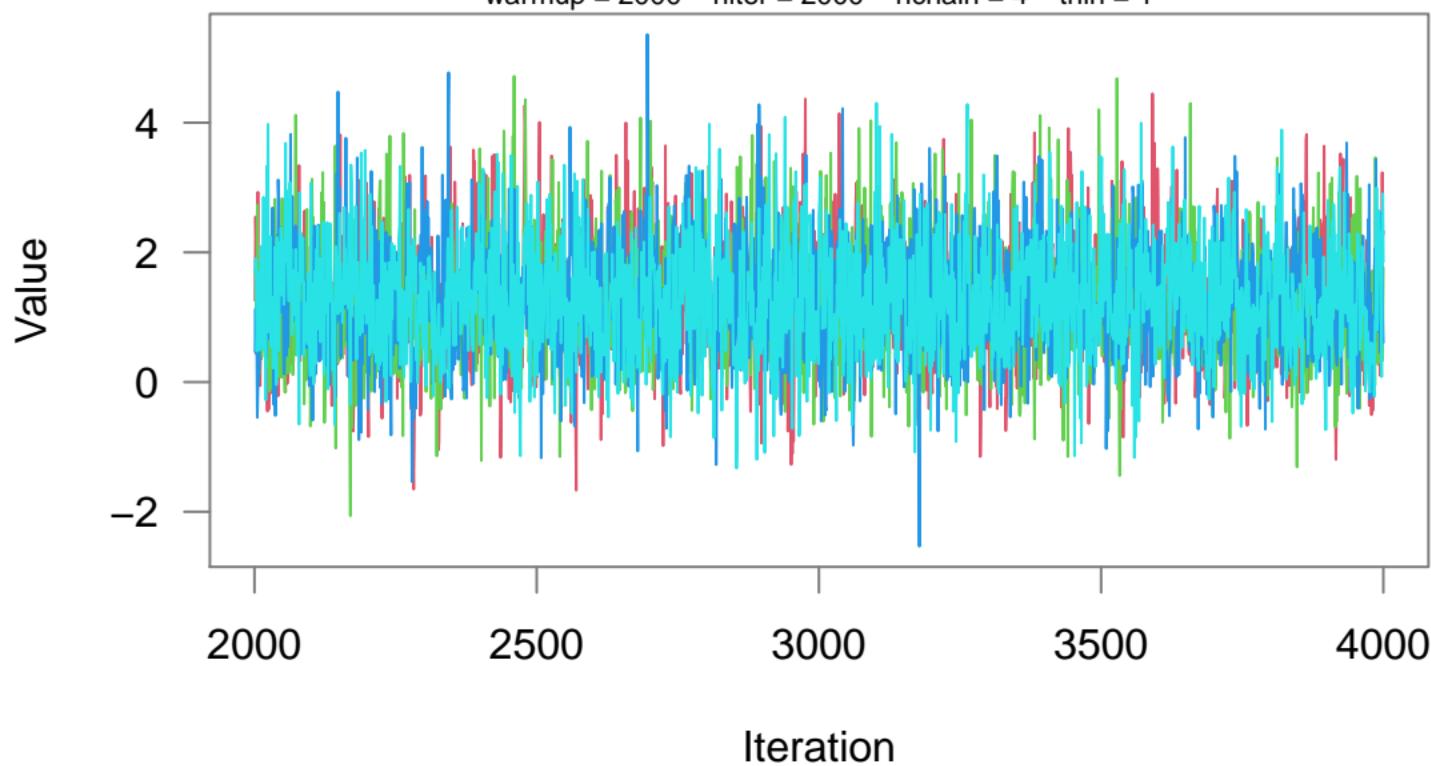
r_bay_fac:site_fac[Anton.Larson_White.rock,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



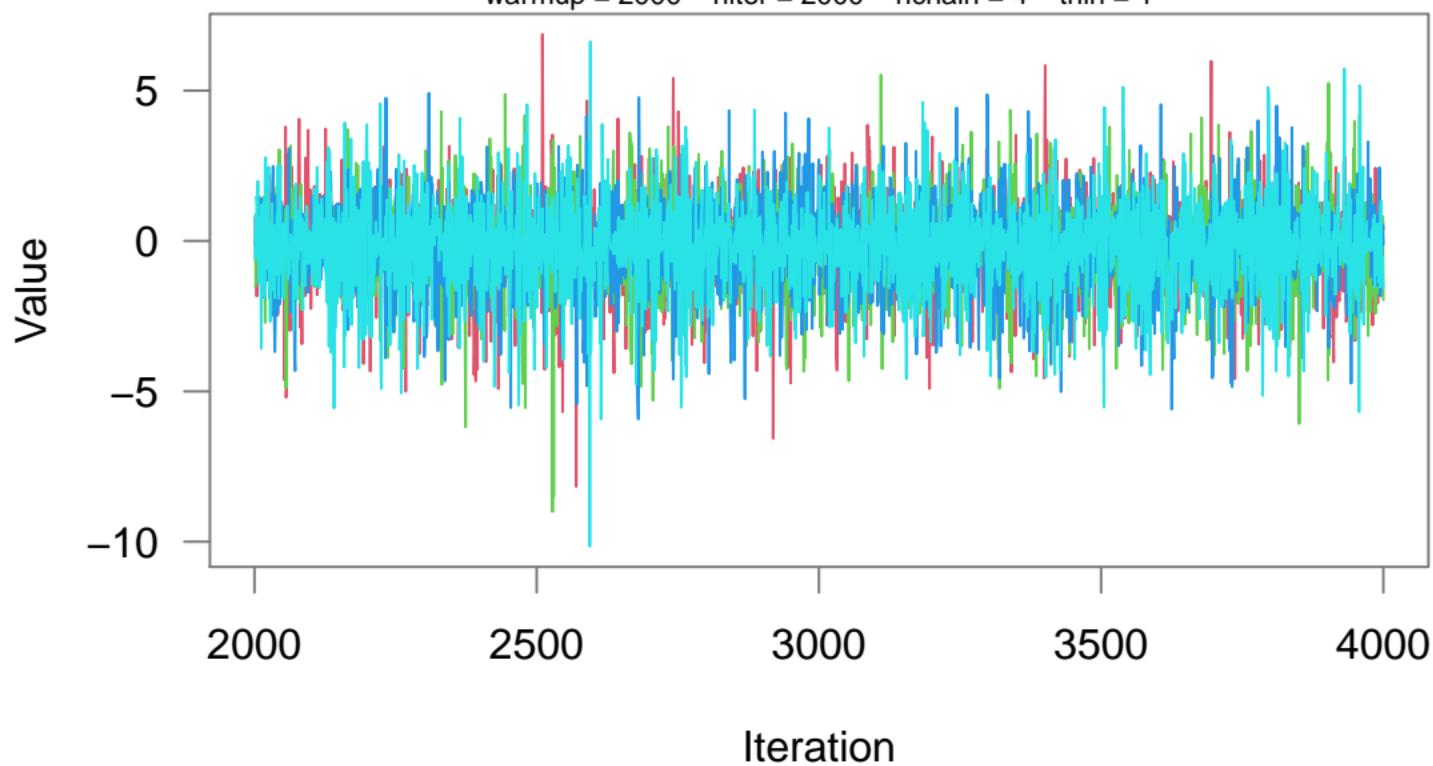
r_bay_fac:site_fac[Anton.Larson_Wooden.boat,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



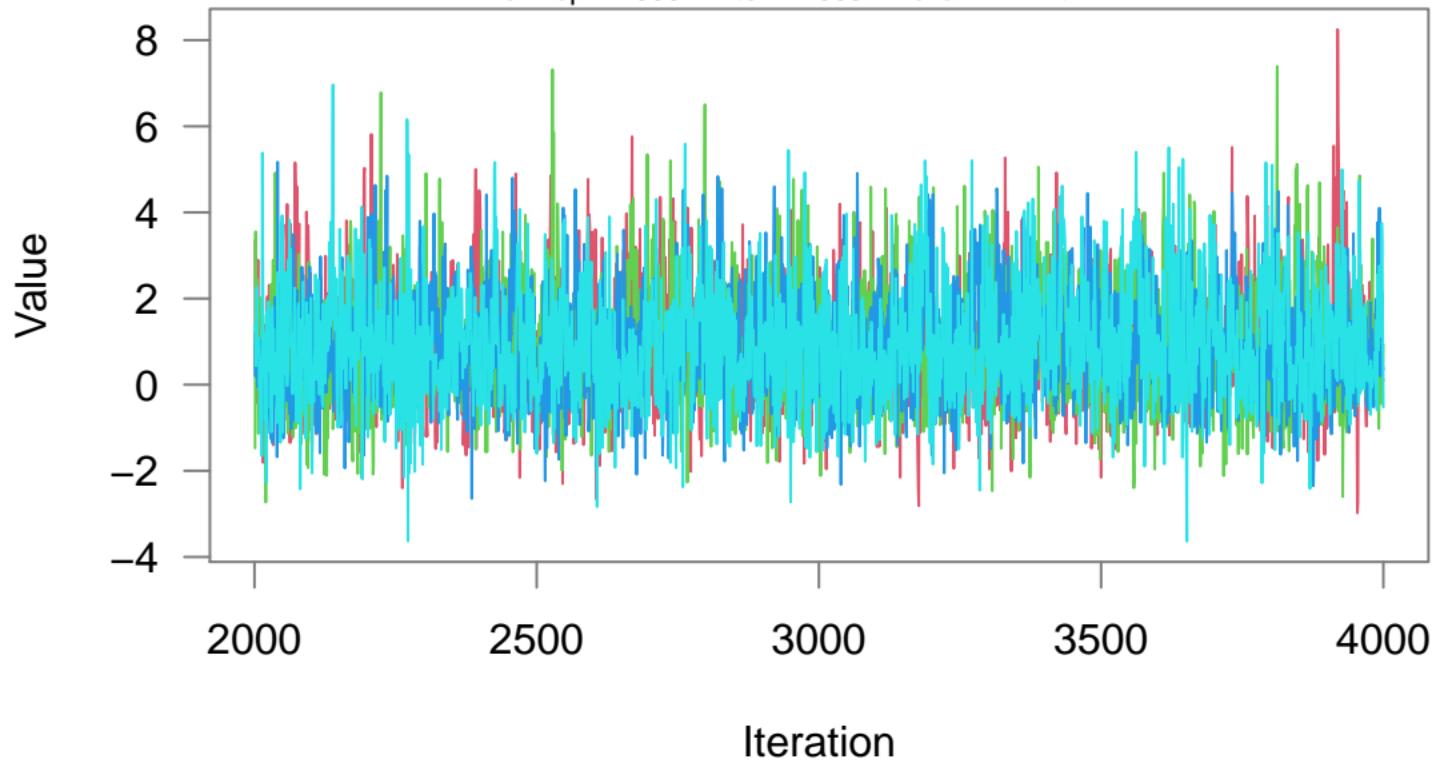
r_bay_fac:site_fac[Balboa_BB-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



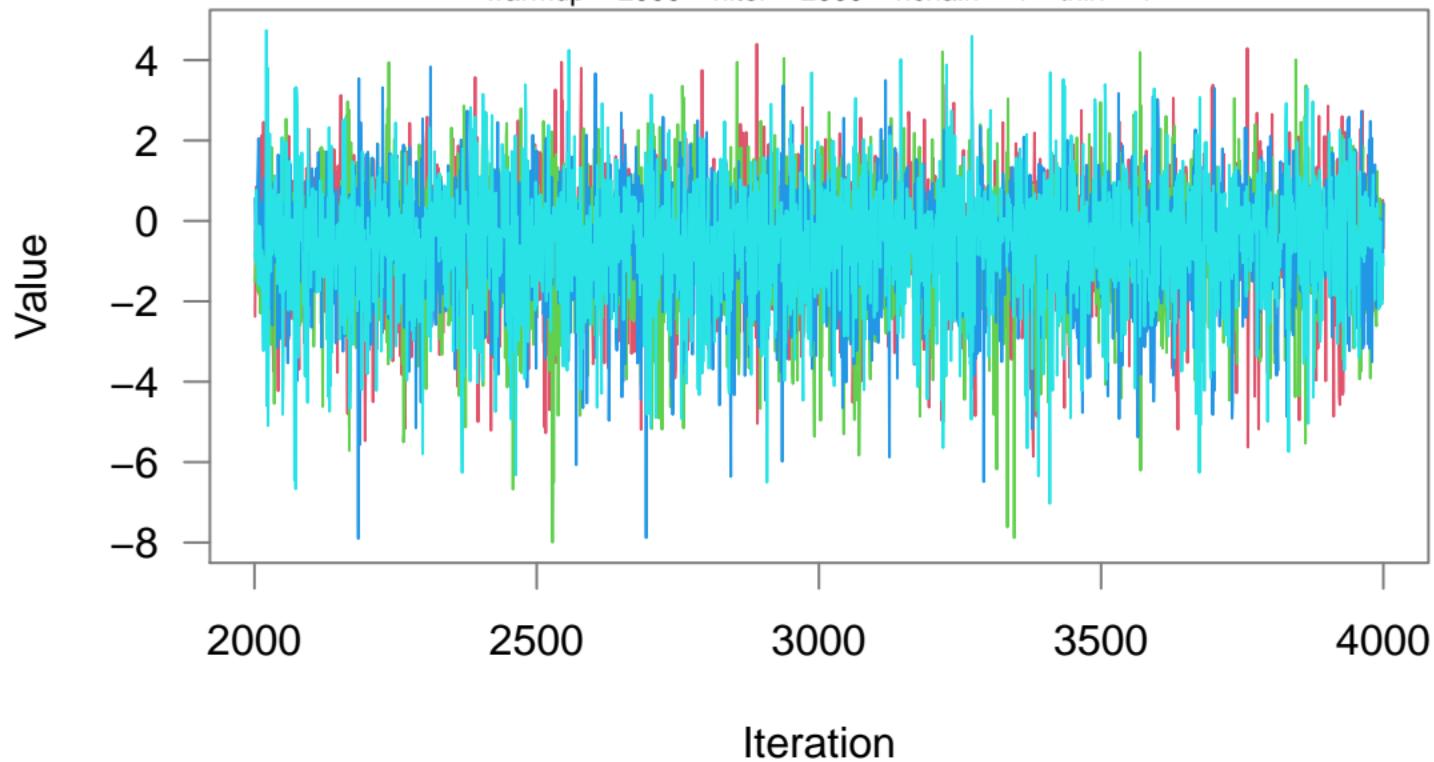
r_bay_fac:site_fac[Balboa_BB-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



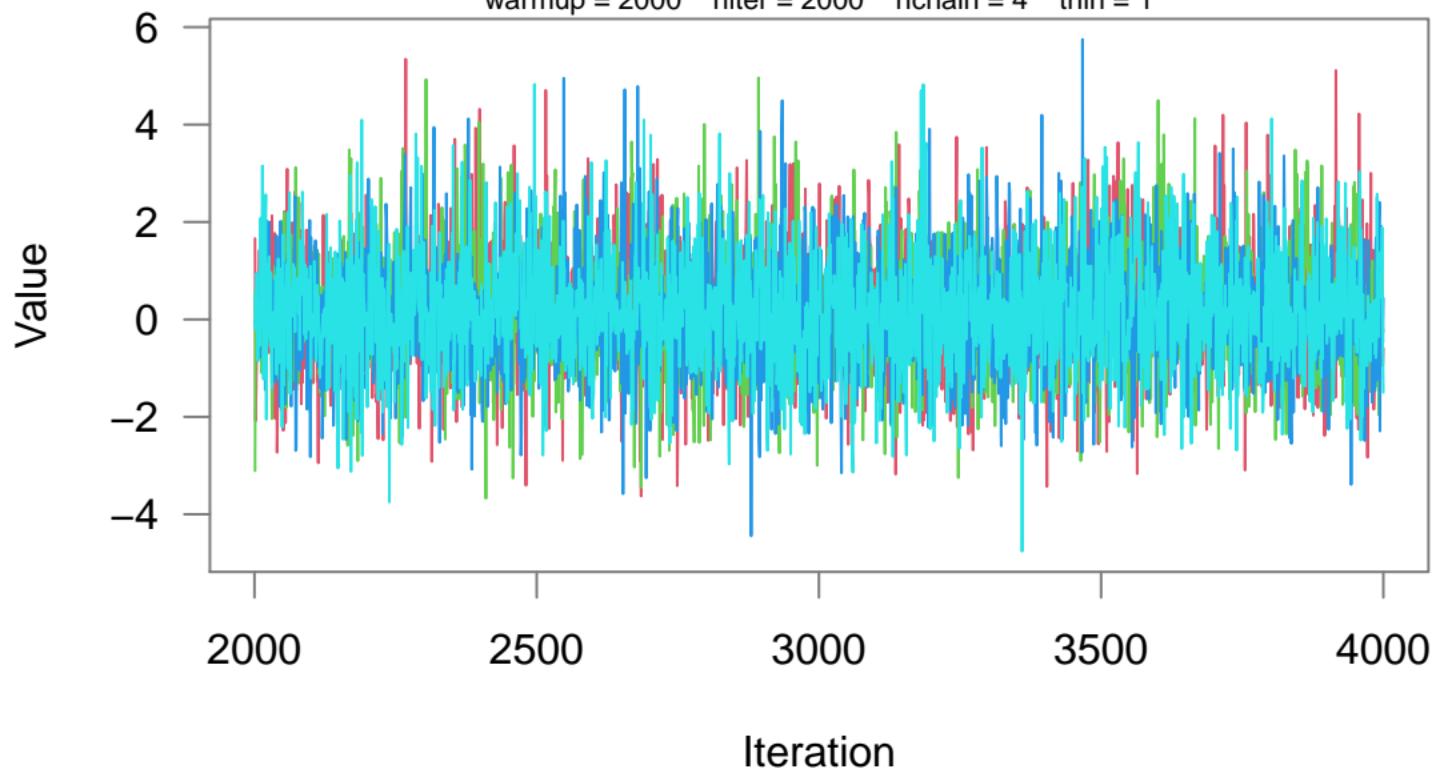
r_bay_fac:site_fac[Balboa_BB-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



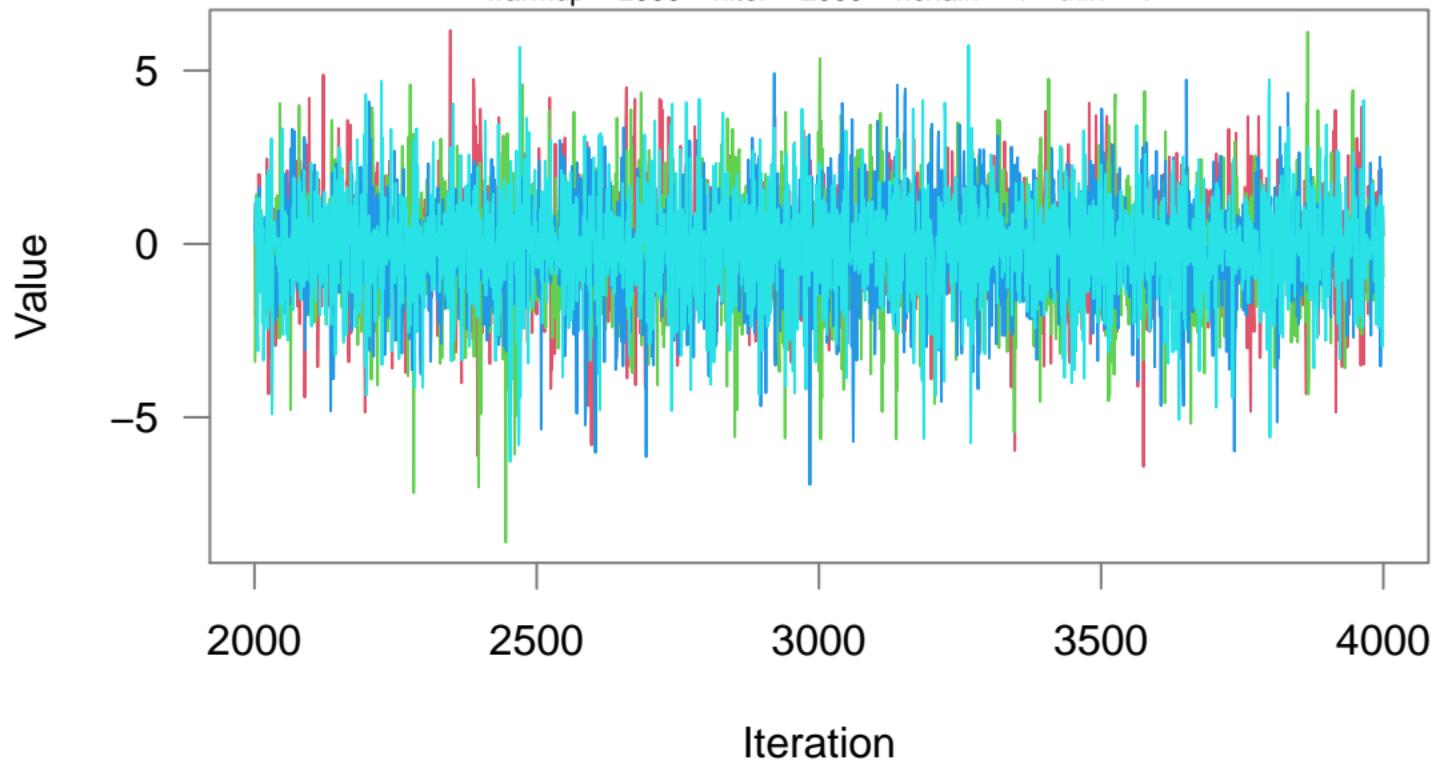
r_bay_fac:site_fac[Balboa_BB-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

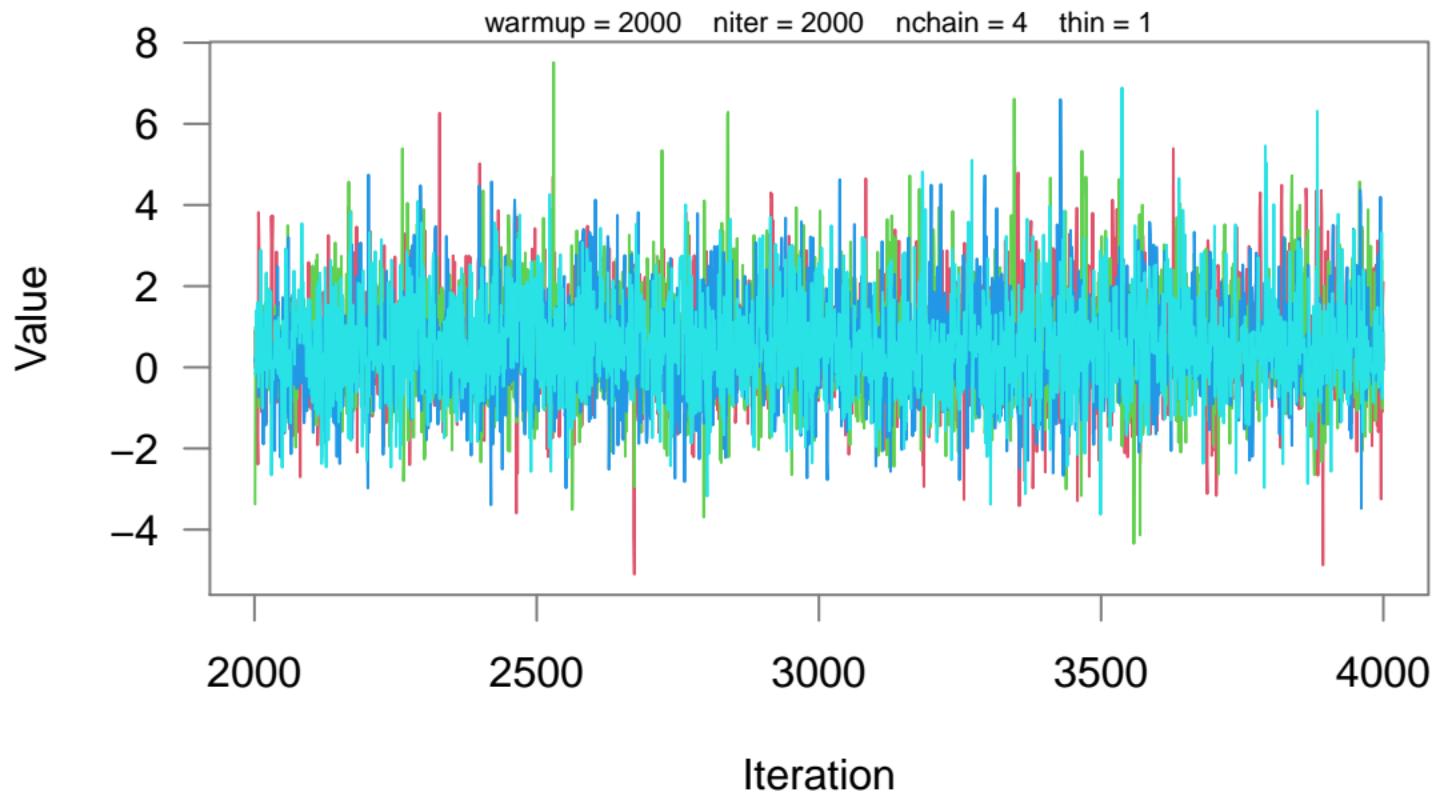


r_bay_fac:site_fac[Balboa_BB-5,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

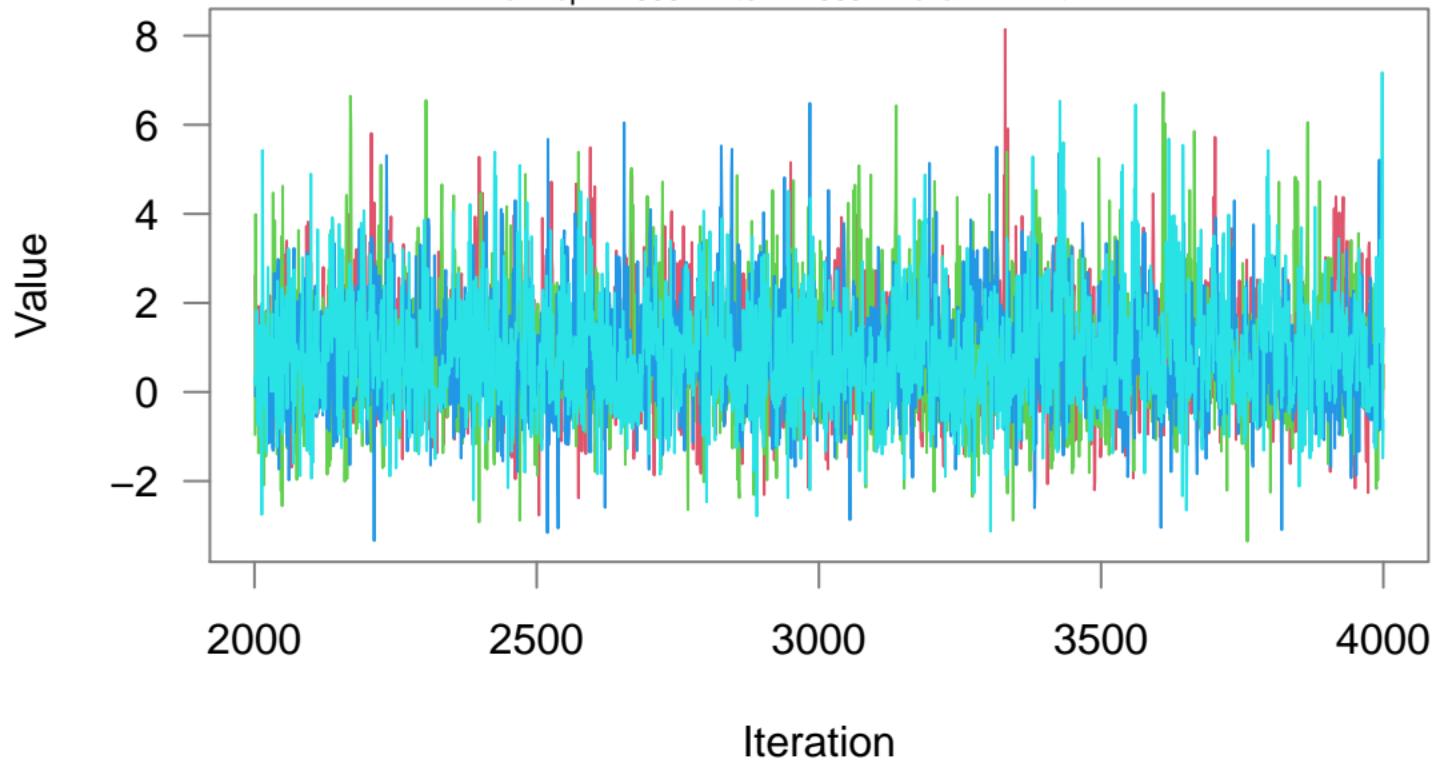


r_bay_fac:site_fac[Balboa_BB-6,Intercept]



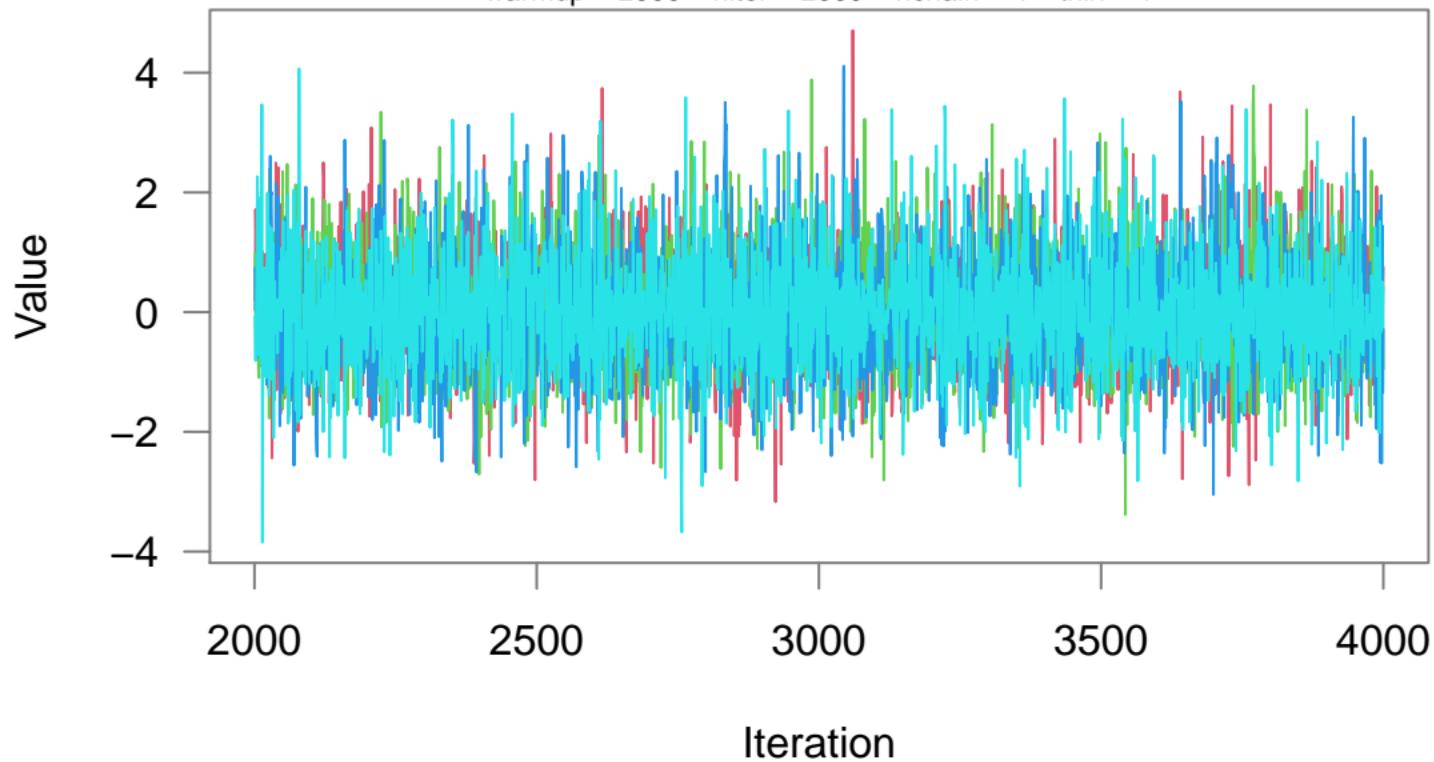
r_bay_fac:site_fac[Balboa_BB-7,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



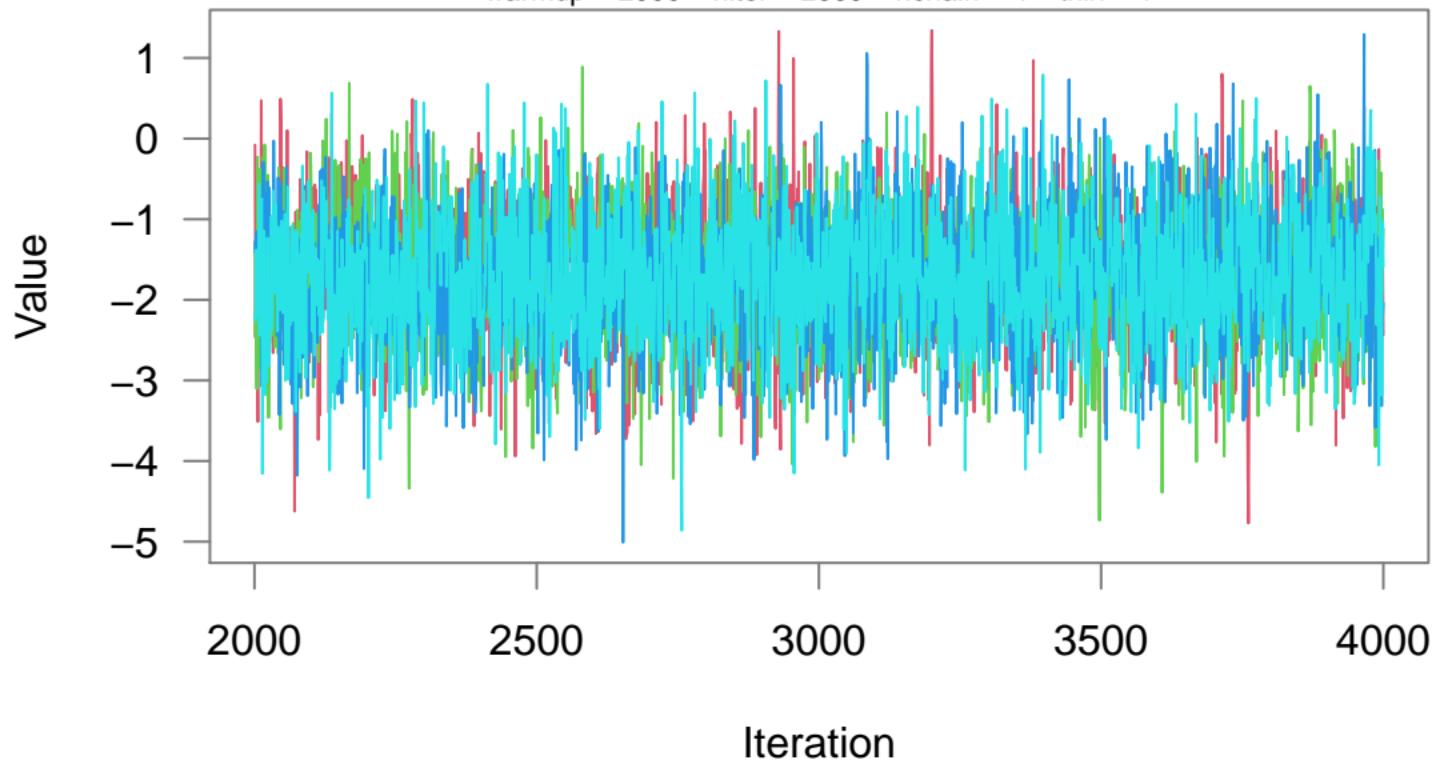
r_bay_fac:site_fac[Cook_Bare.North,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



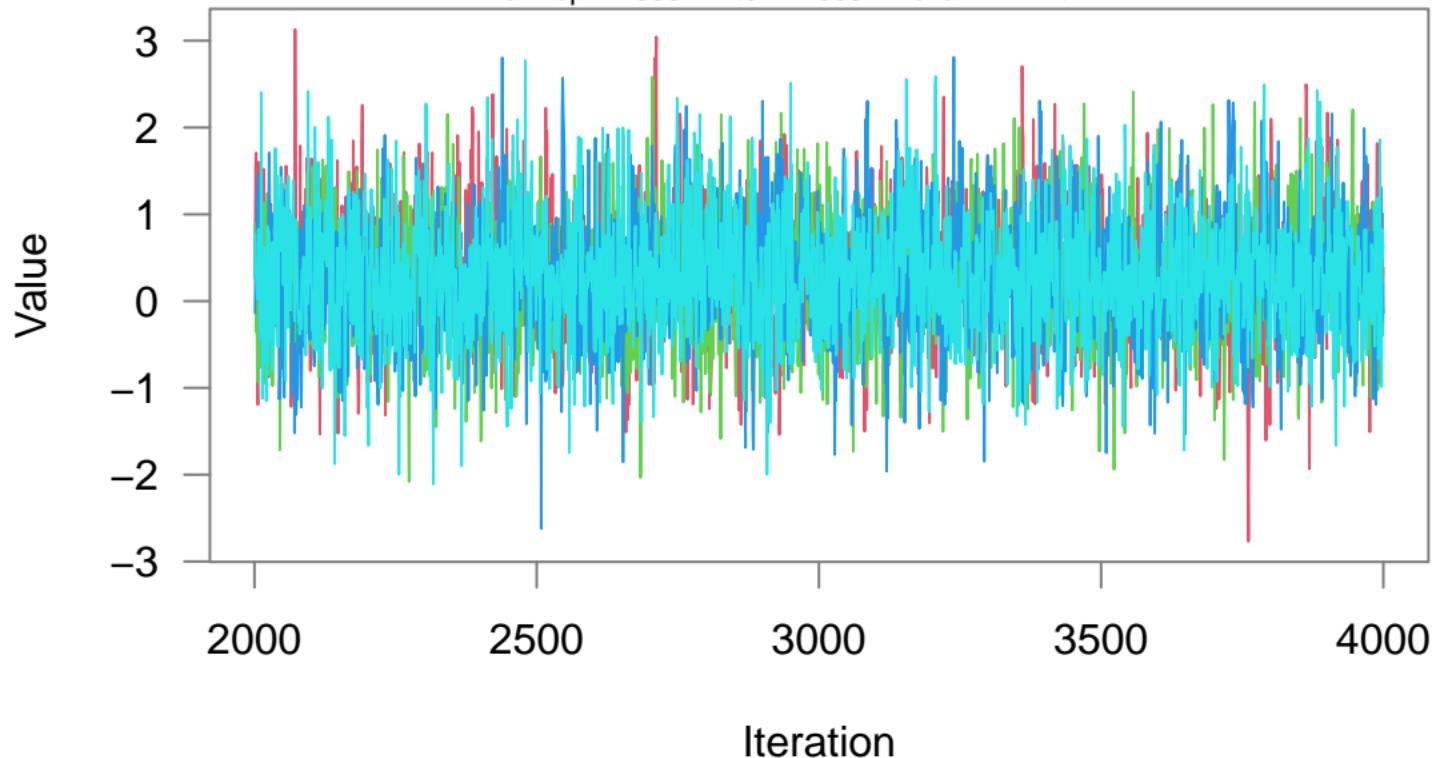
r_bay_fac:site_fac[Cook_Eelgrass.North,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

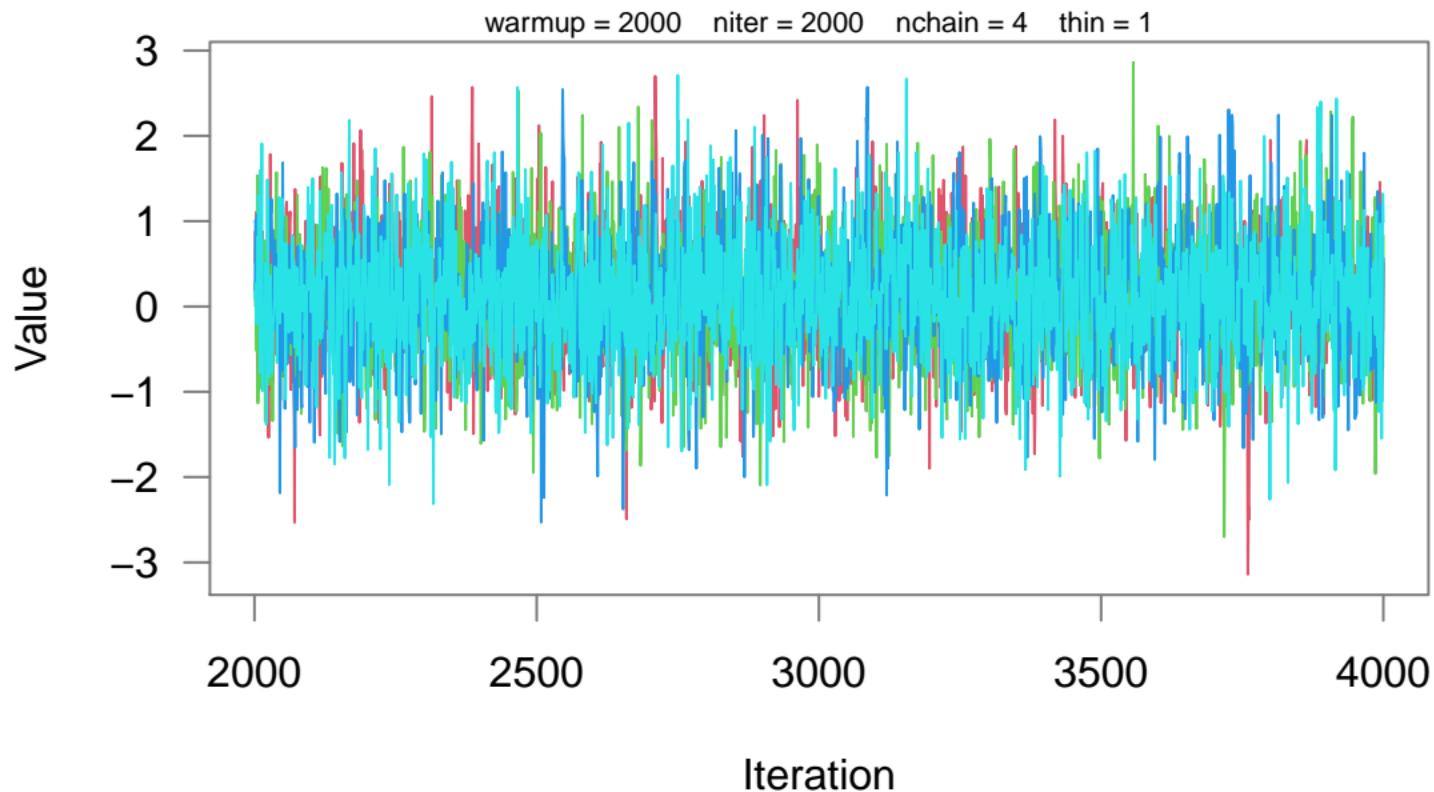


r_bay_fac:site_fac[Cook_Eelgrass.South,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

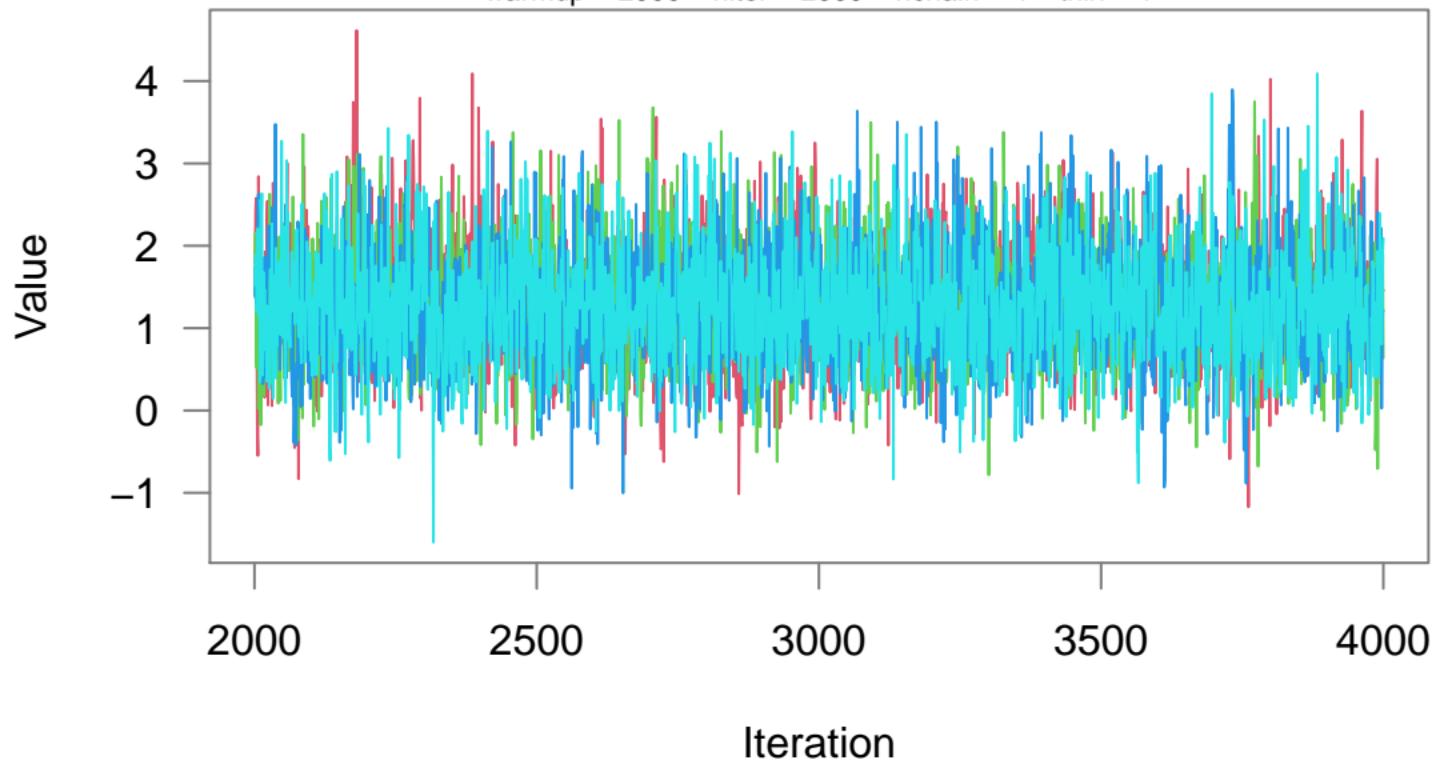


r_bay_fac:site_fac[Cook_Eelgrass.West,Intercept]

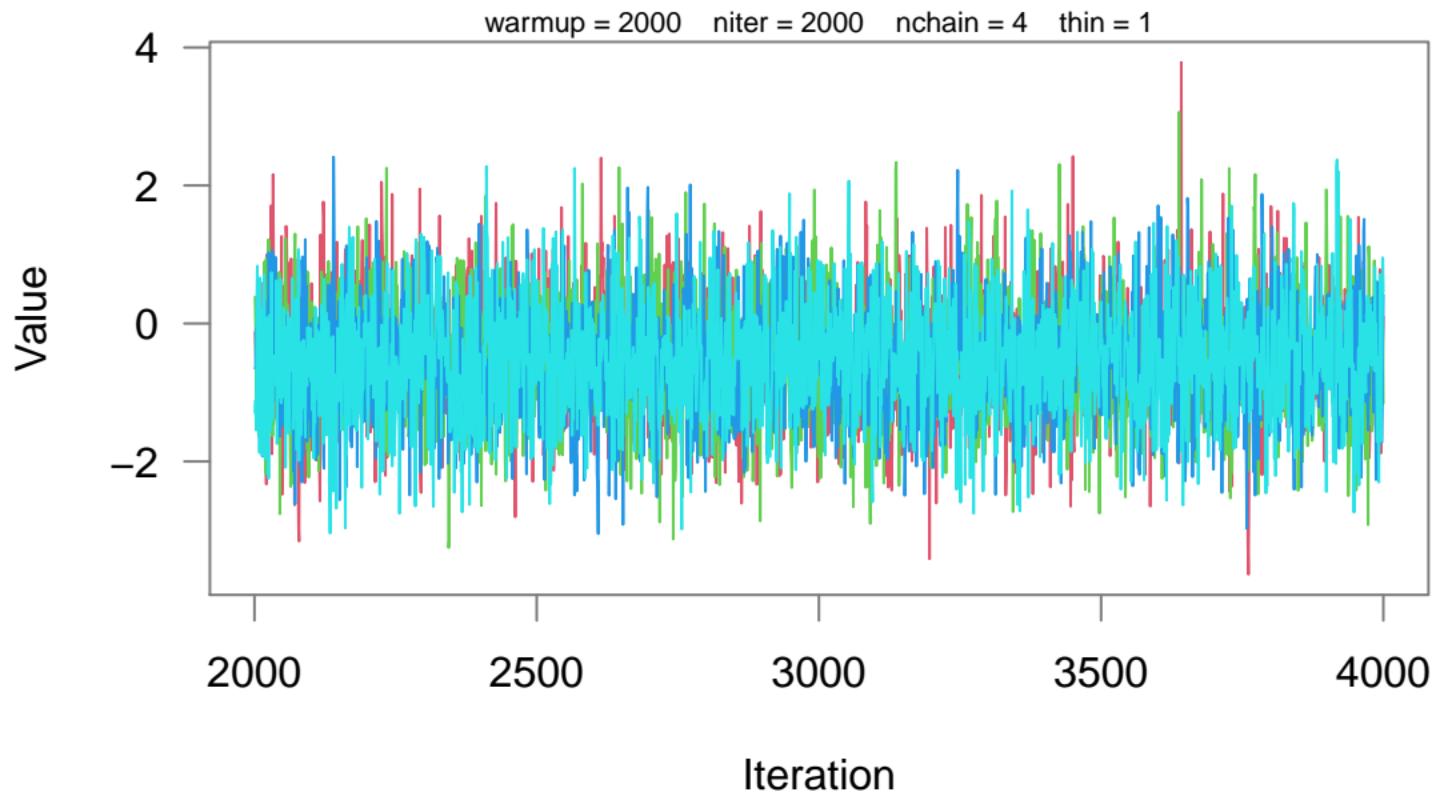


r_bay_fac:site_fac[Cook_Laminaria.East,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

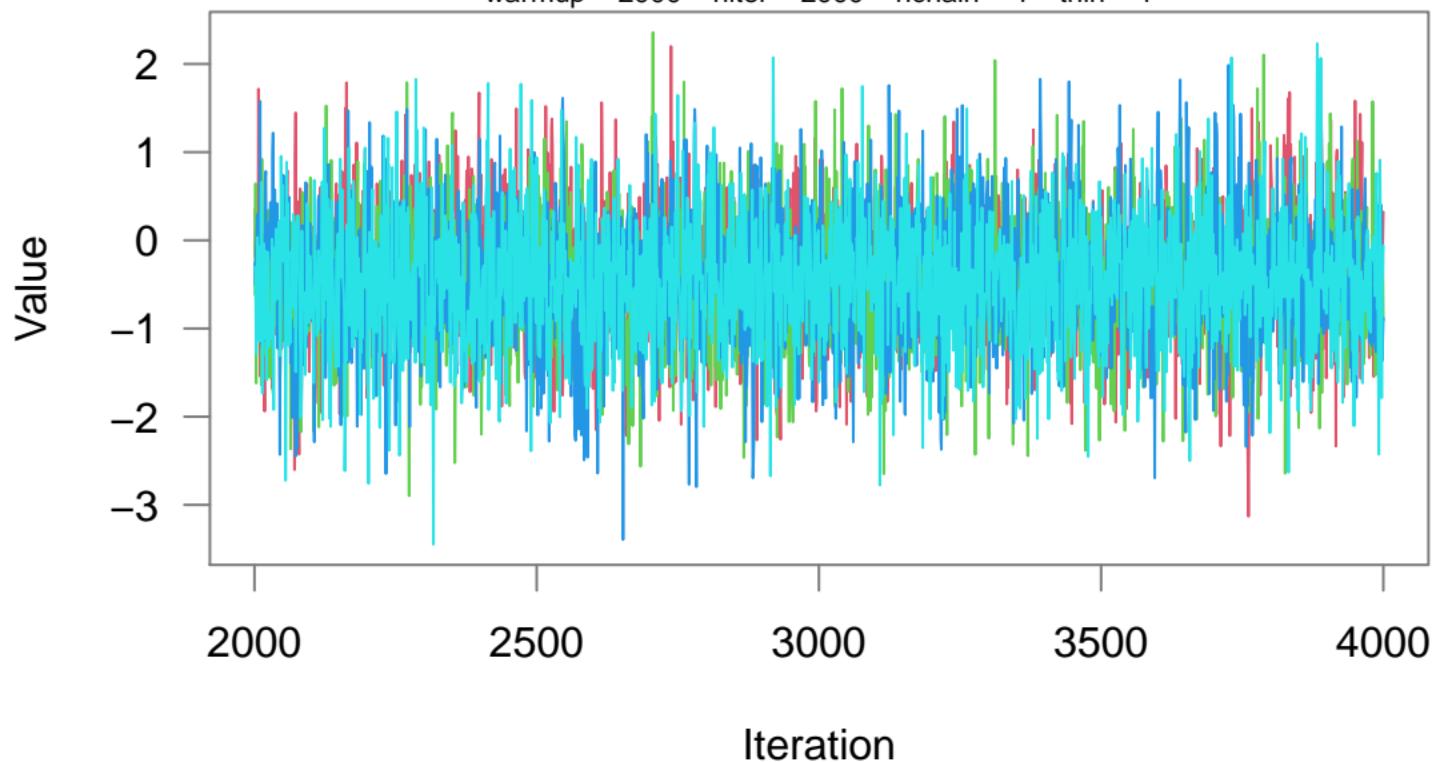


r_bay_fac:site_fac[Cook_Laminaria.North,Intercept]



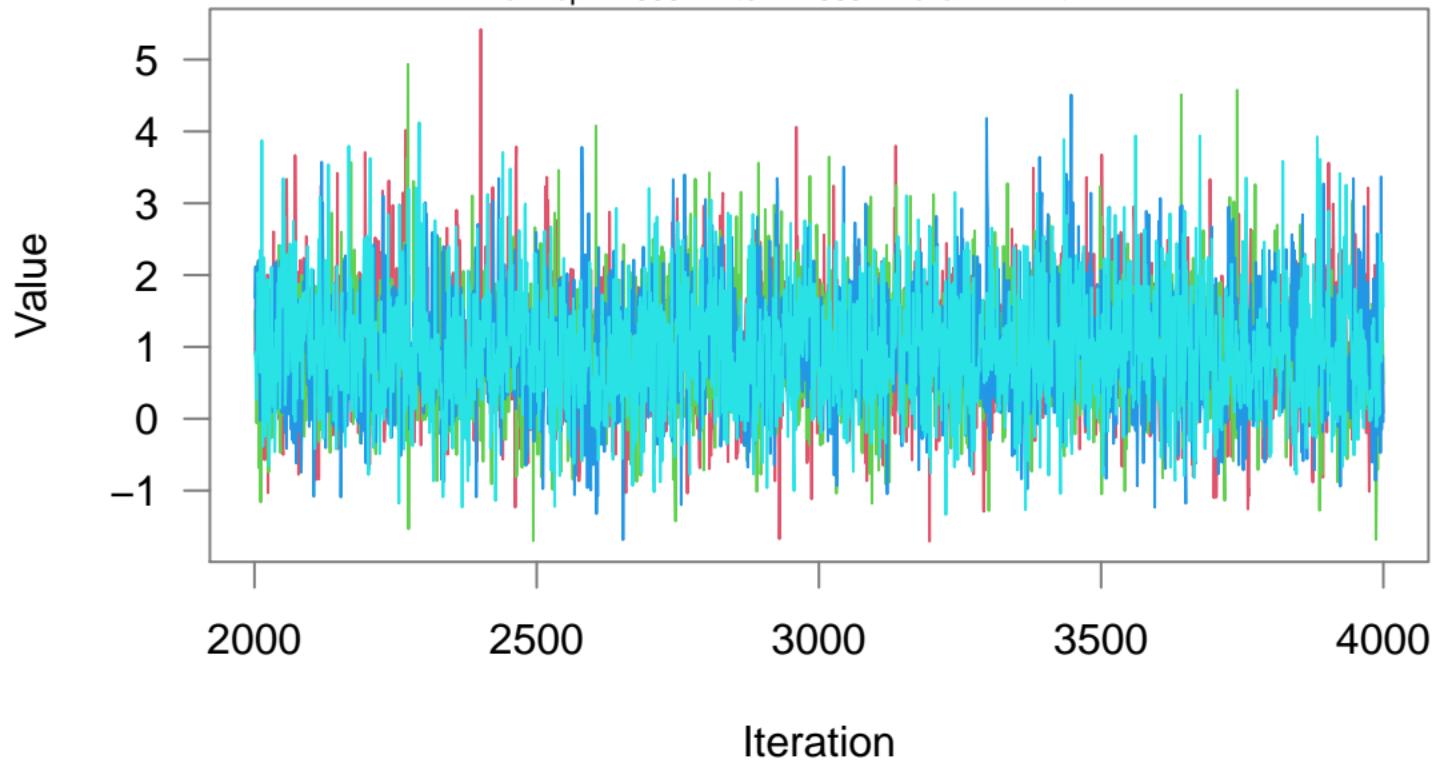
r_bay_fac:site_fac[Cook_Laminaria.South,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



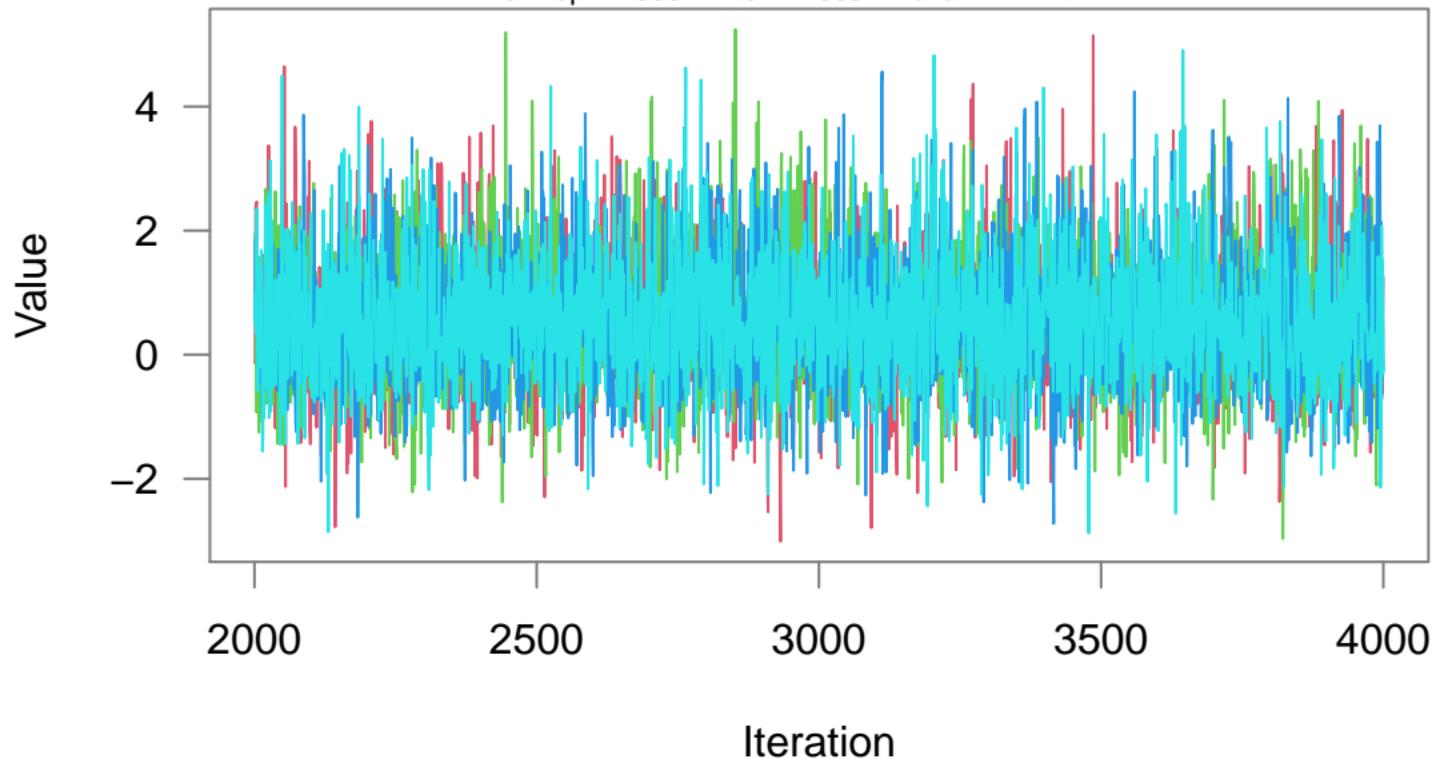
r_bay_fac:site_fac[Cook_Middle.Cove,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

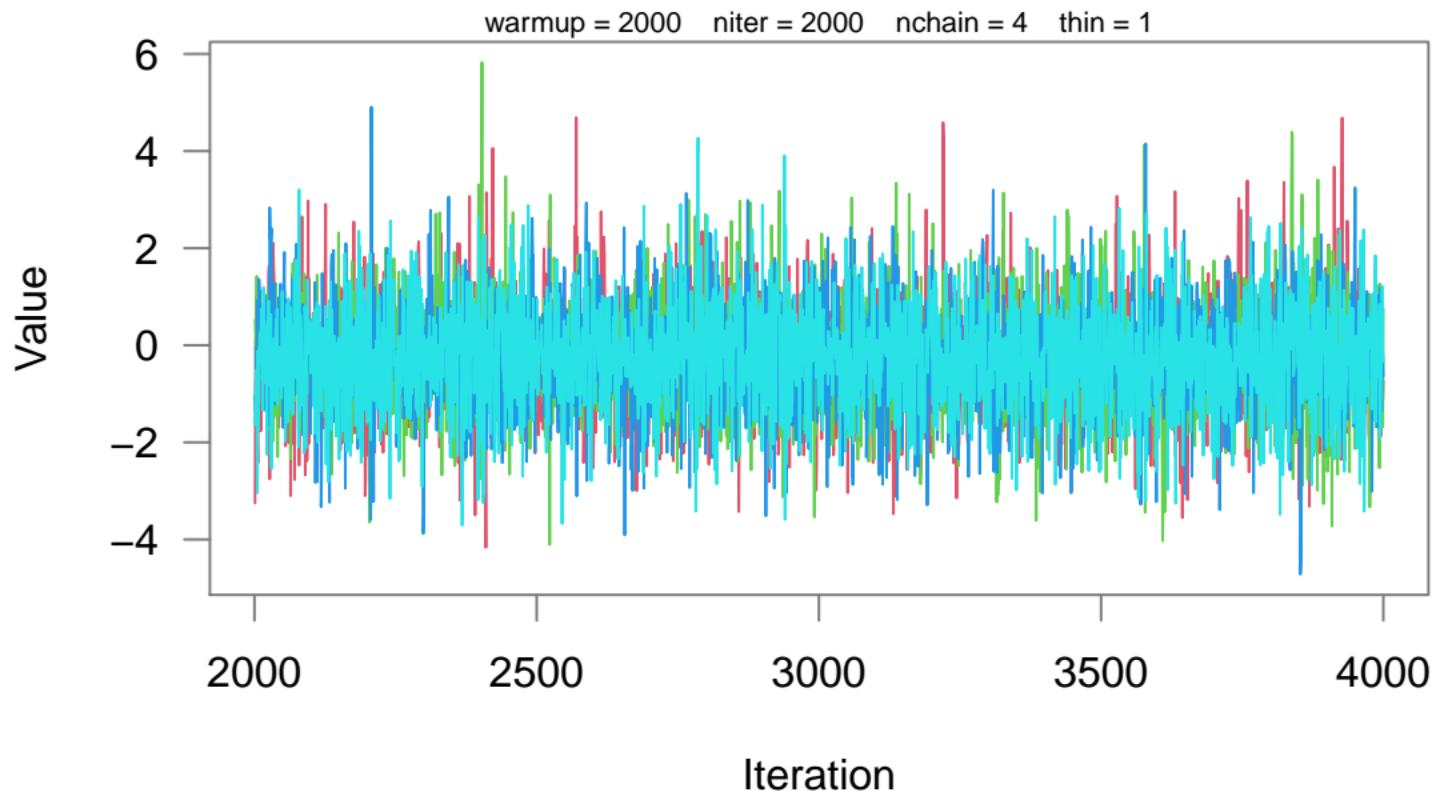


r_bay_fac:site_fac[Mitrofania_Mit-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

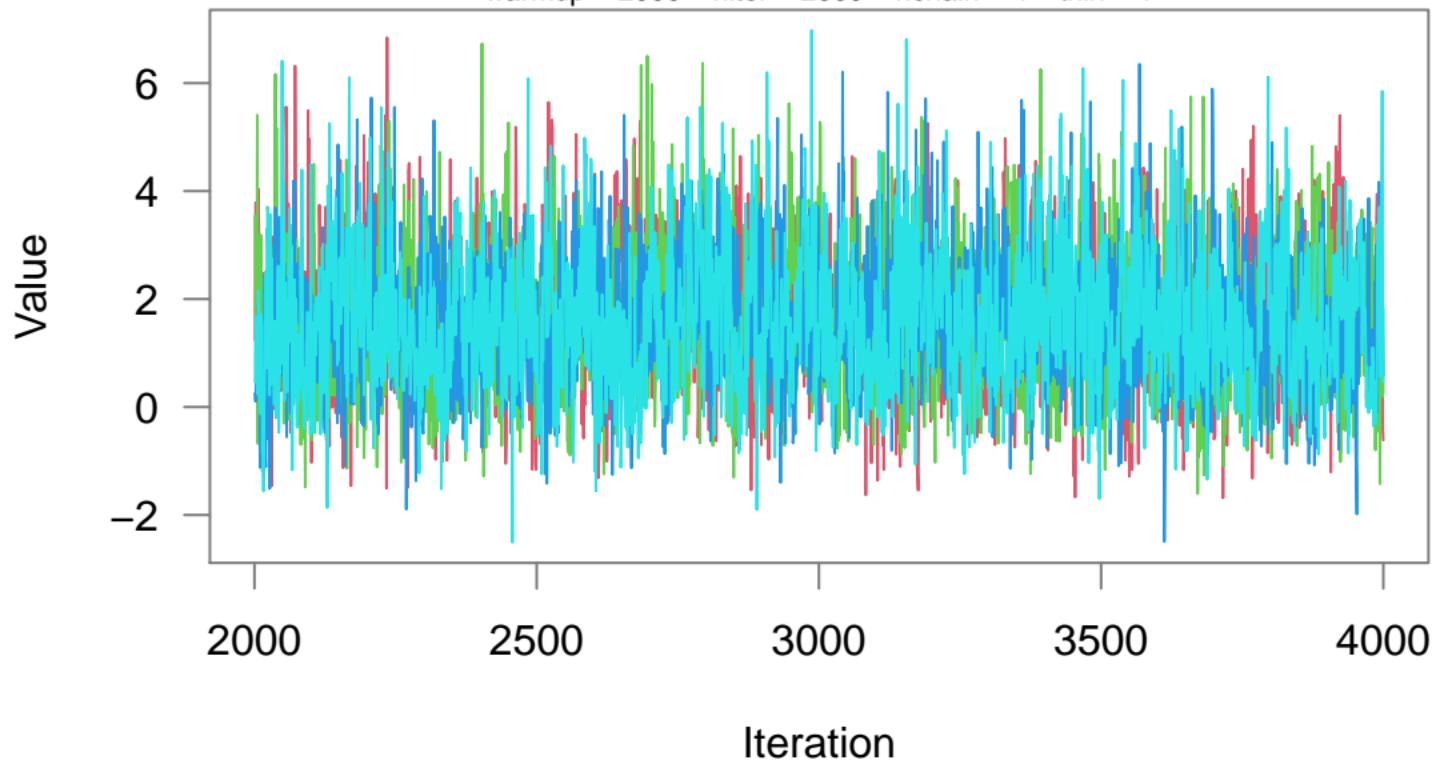


r_bay_fac:site_fac[Mitrofania_Mit-2,Intercept]



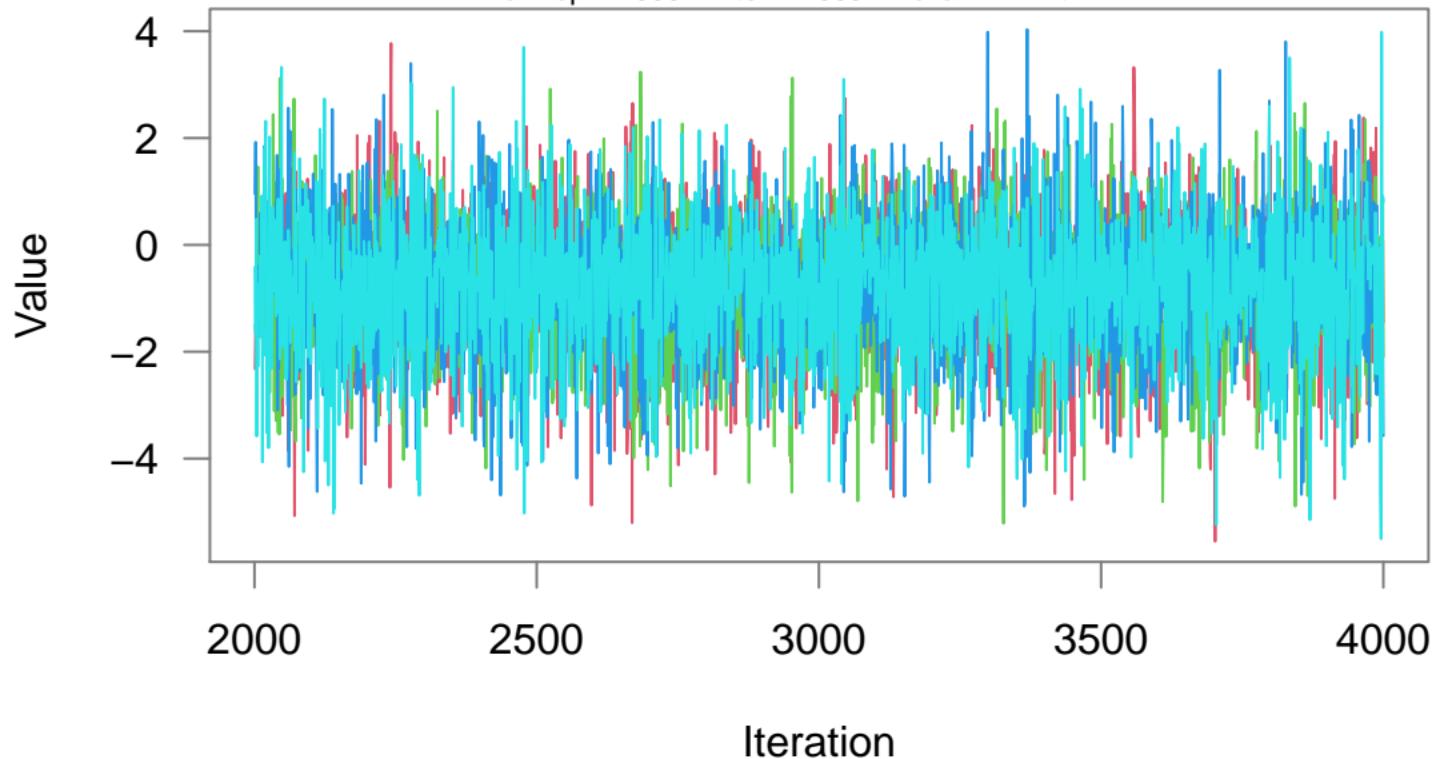
r_bay_fac:site_fac[Mitrofania_Mit-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



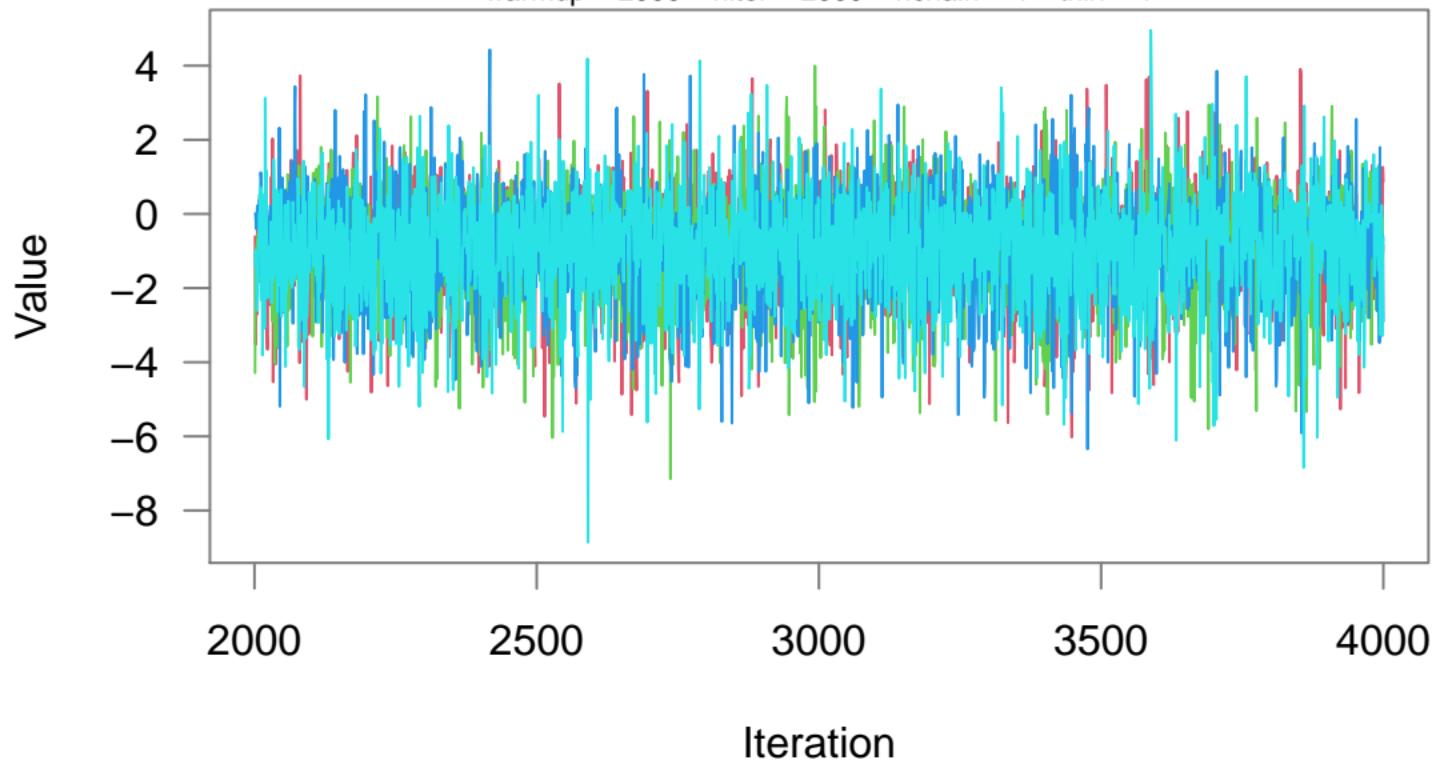
r_bay_fac:site_fac[Mitrofania_Mit-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



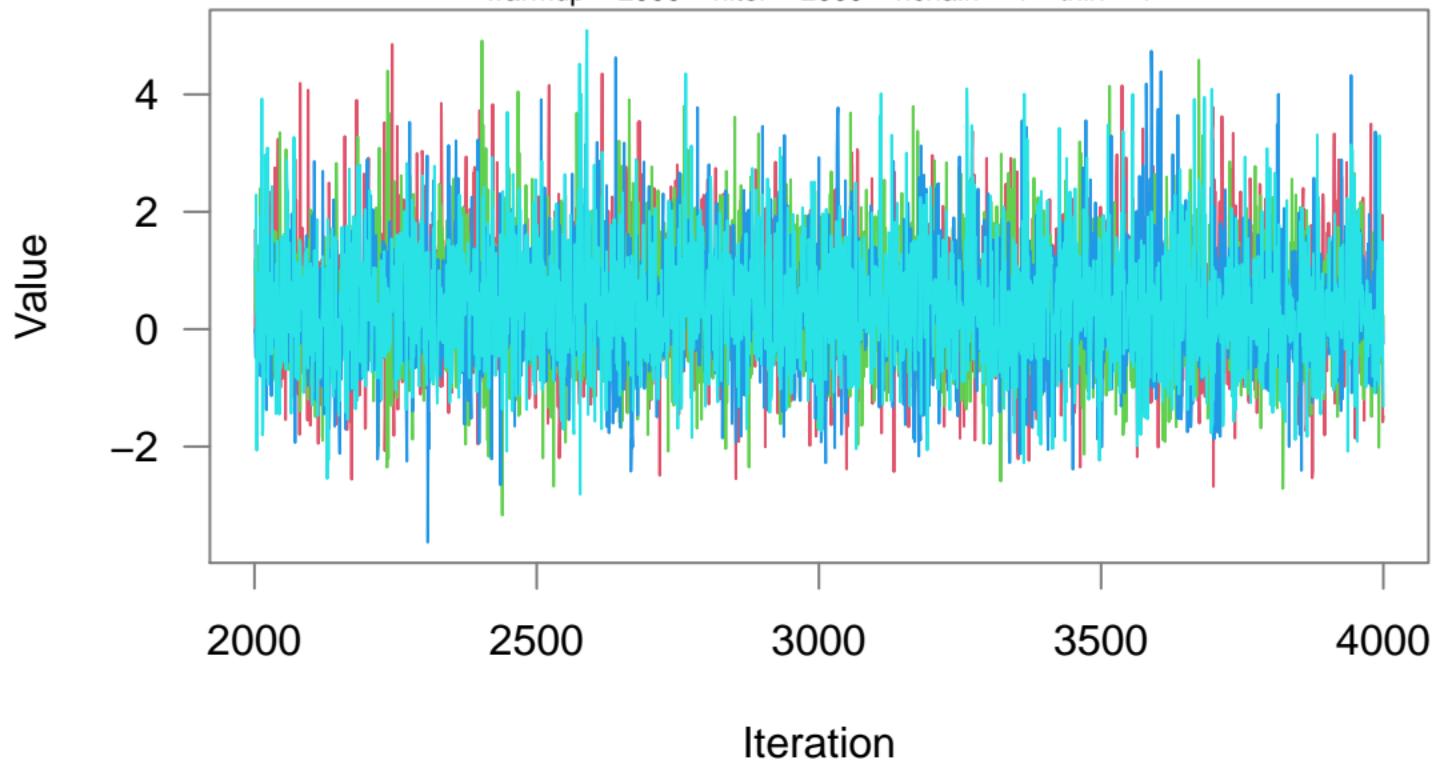
r_bay_fac:site_fac[Mitrofania_Mit-5,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



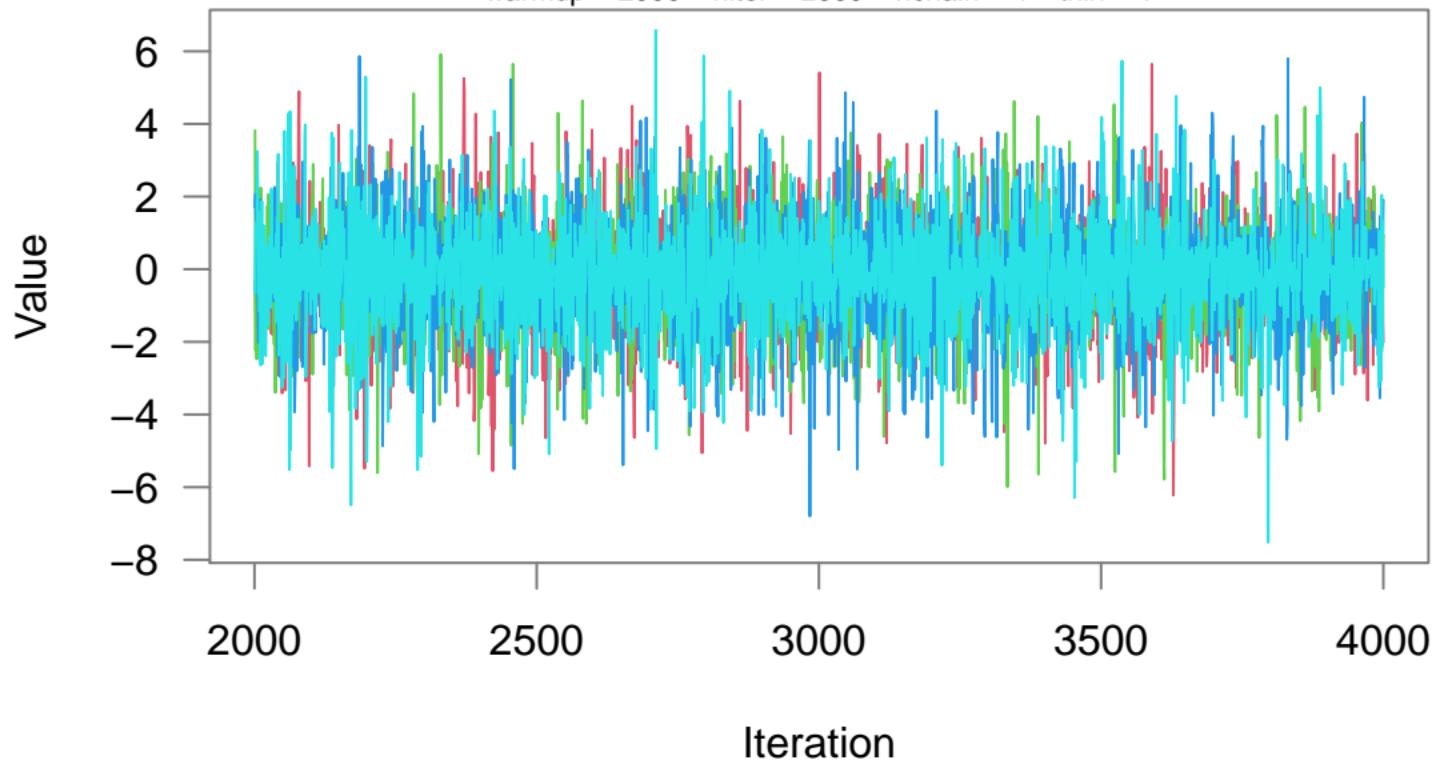
r_bay_fac:site_fac[Mitrofania_Mit–6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



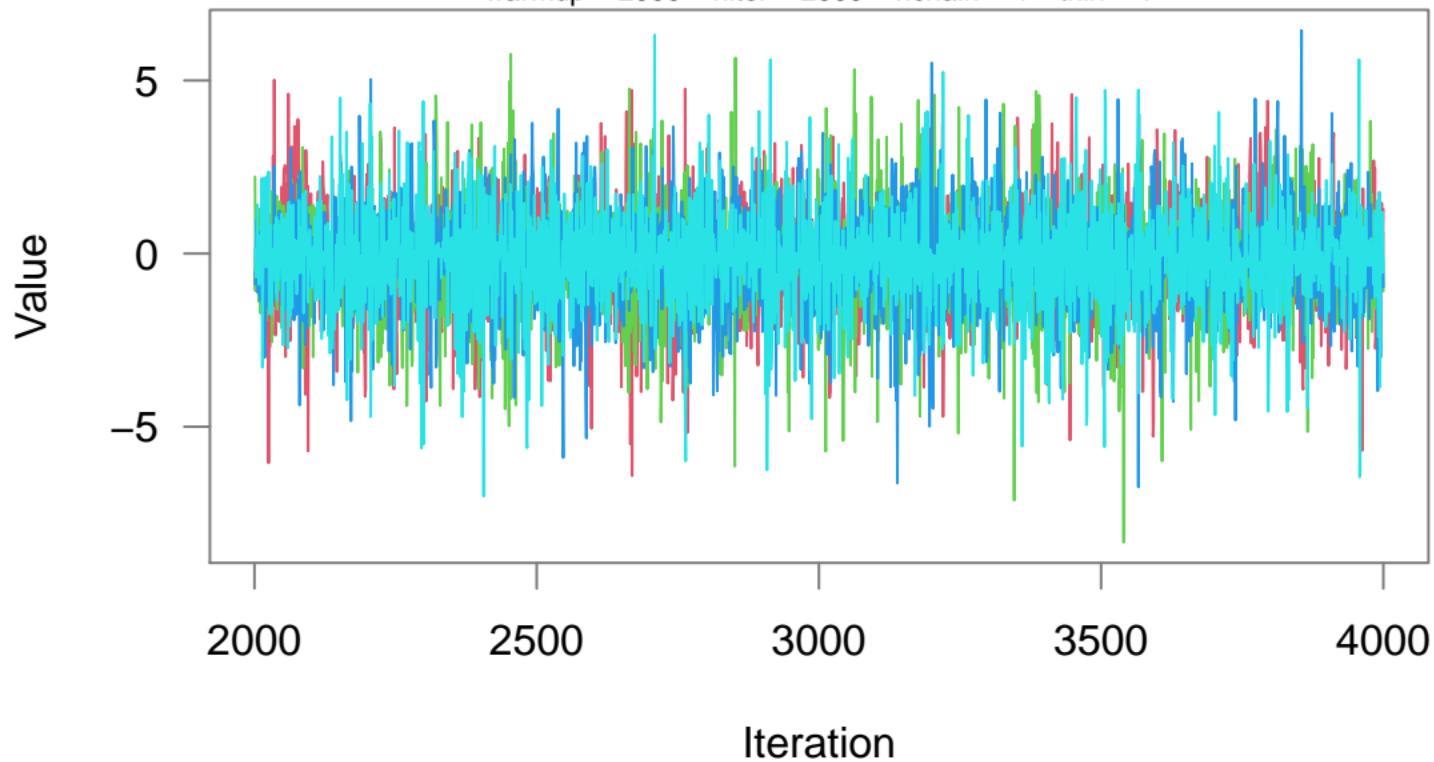
r_bay_fac:site_fac[Mitrofania_Mitro-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



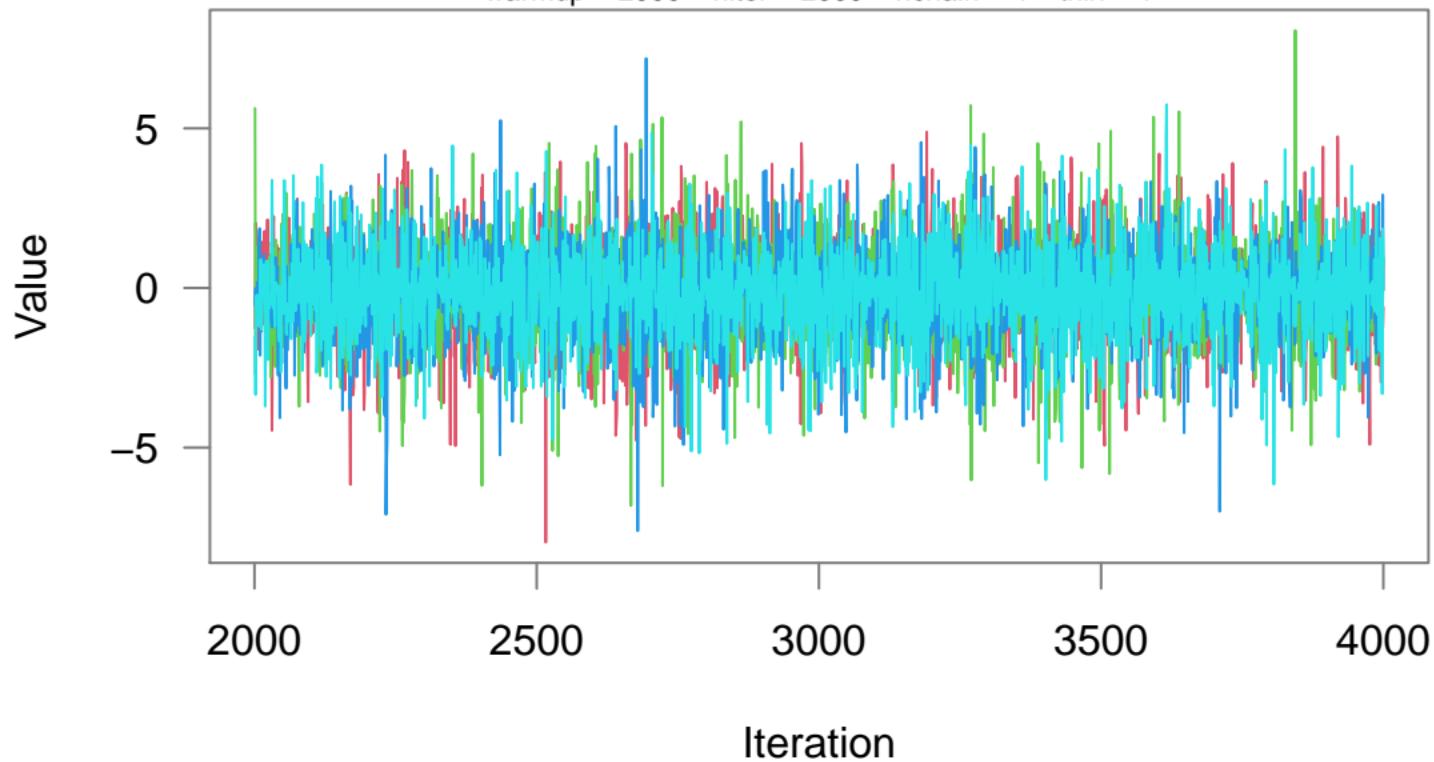
r_bay_fac:site_fac[Mitrofania_Mitro-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



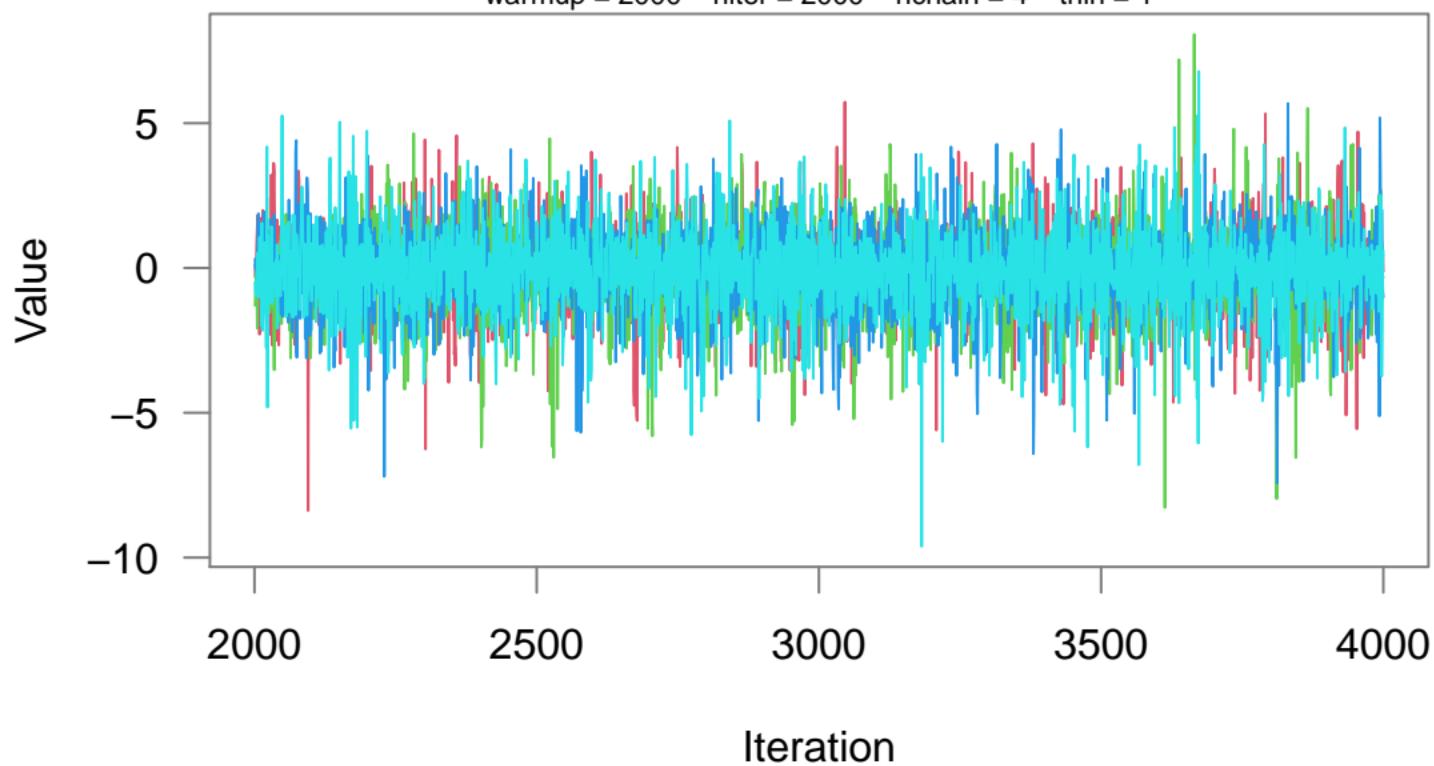
r_bay_fac:site_fac[Mitrofania_Mitro-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



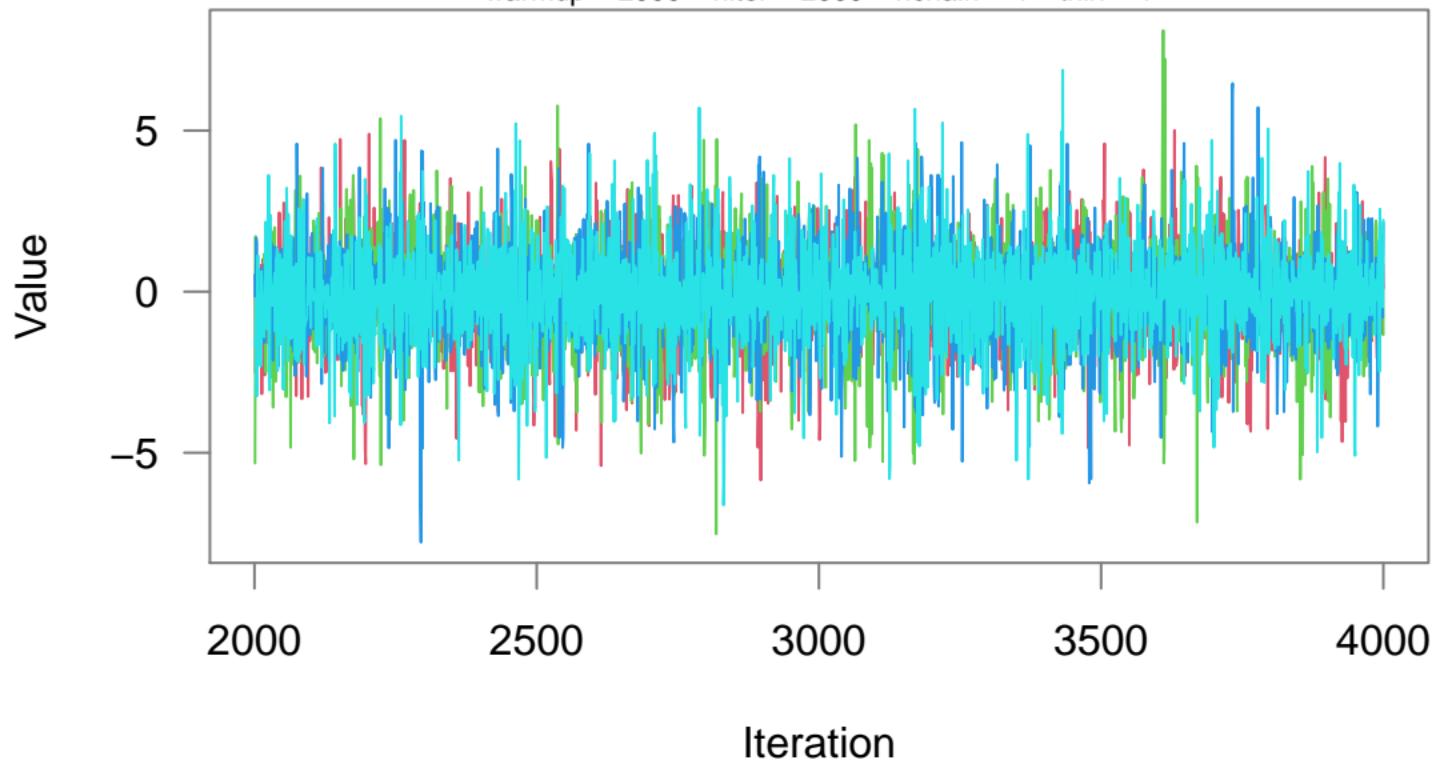
r_bay_fac:site_fac[Mitrofania_Mitro-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



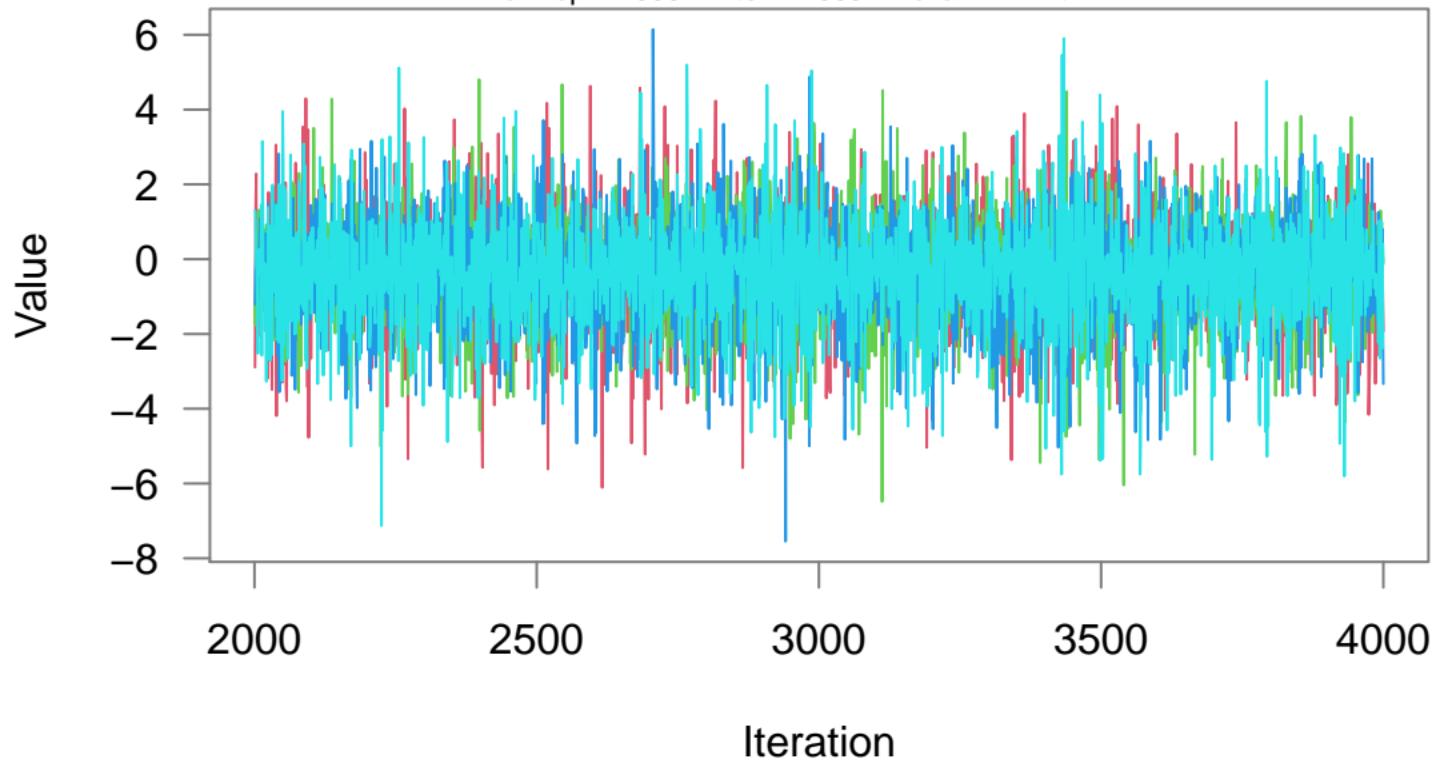
r_bay_fac:site_fac[Mitrofania_Mitro-5,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



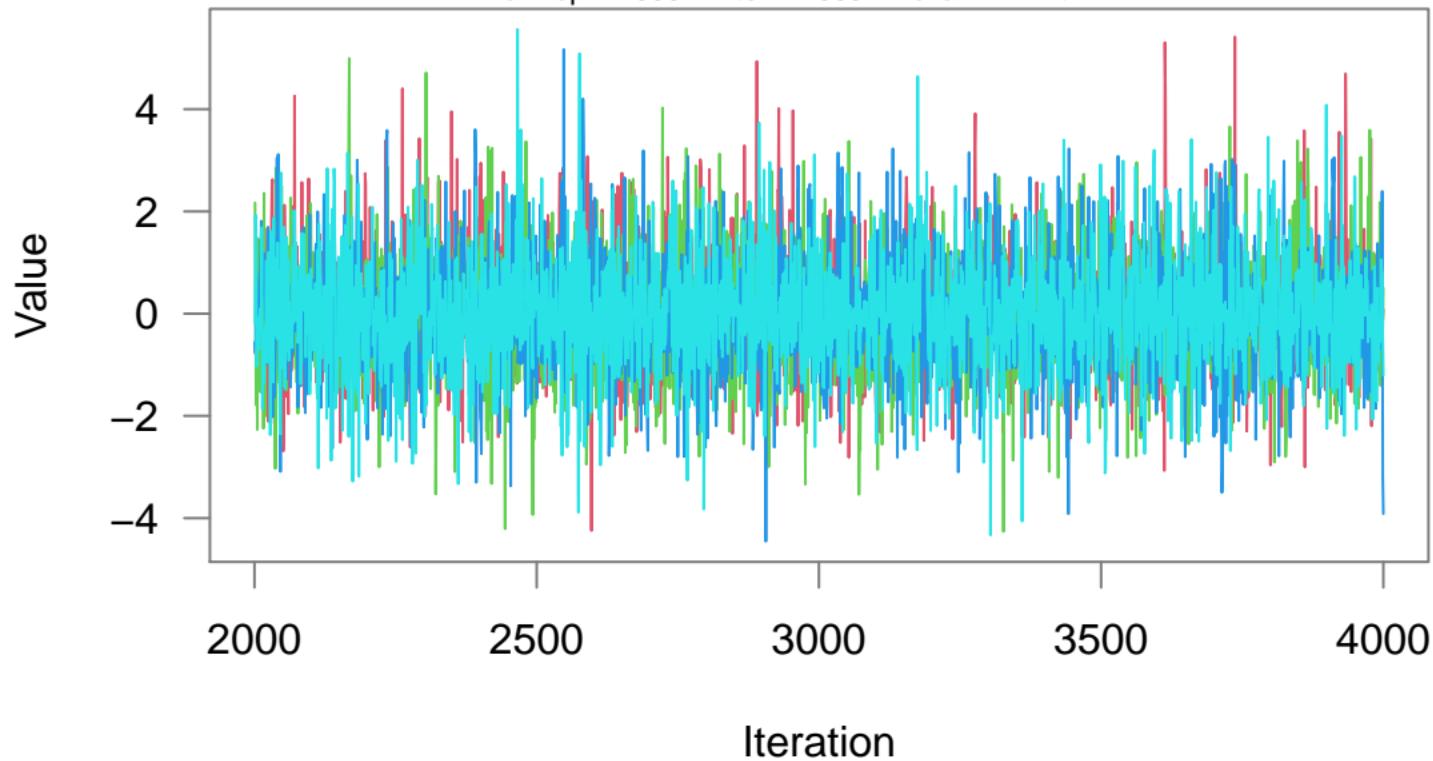
r_bay_fac:site_fac[Mitrofania_Mitro-6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



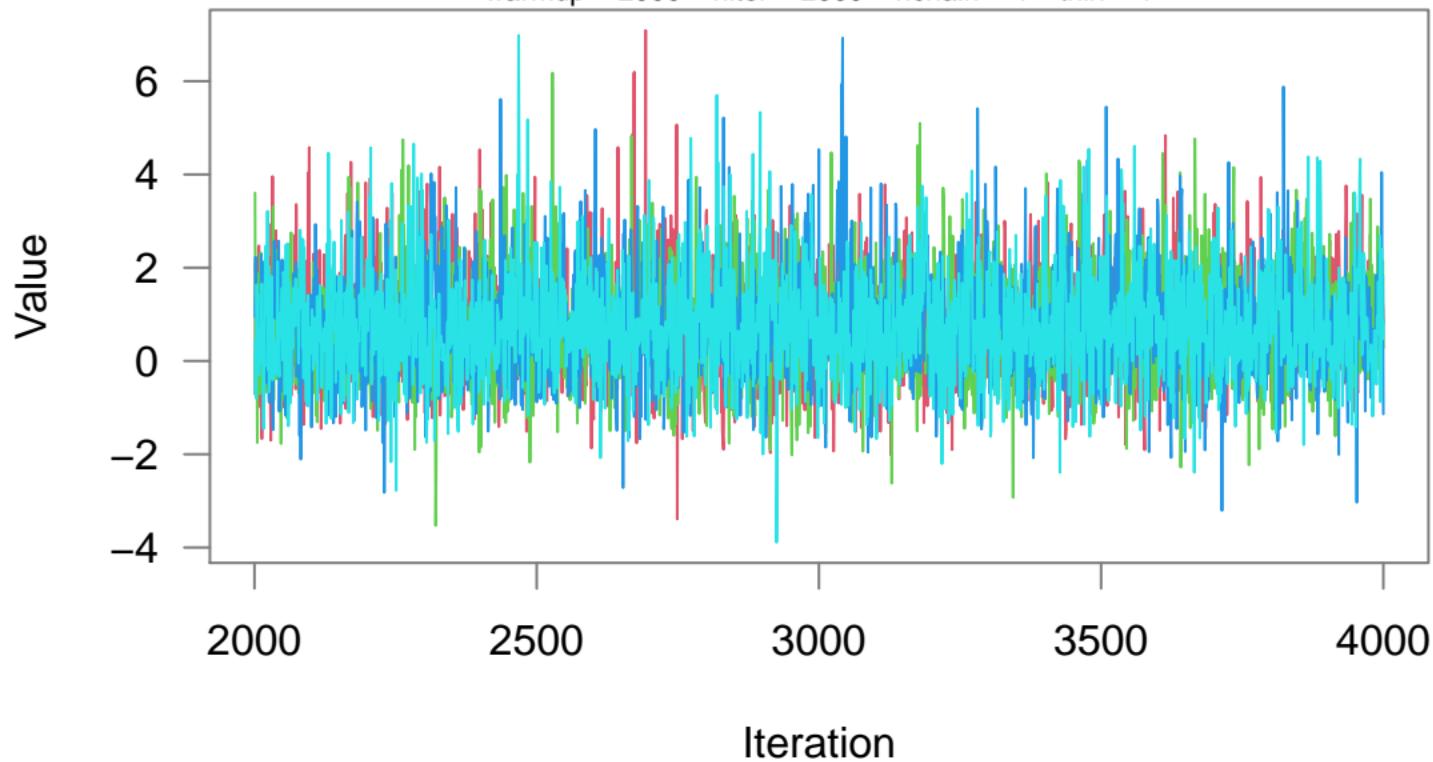
r_bay_fac:site_fac[Port.Wrangell_PW-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



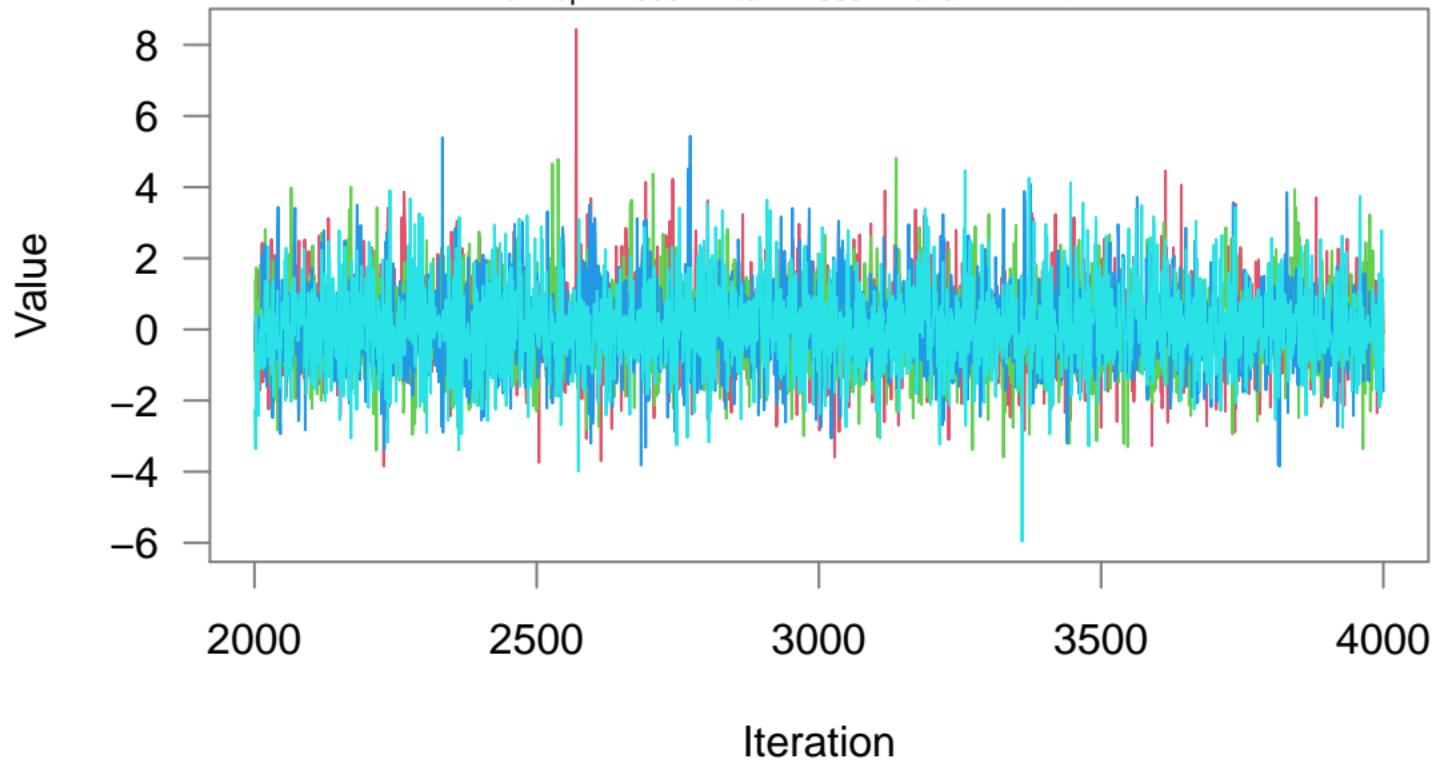
r_bay_fac:site_fac[Port.Wrangell_PW-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



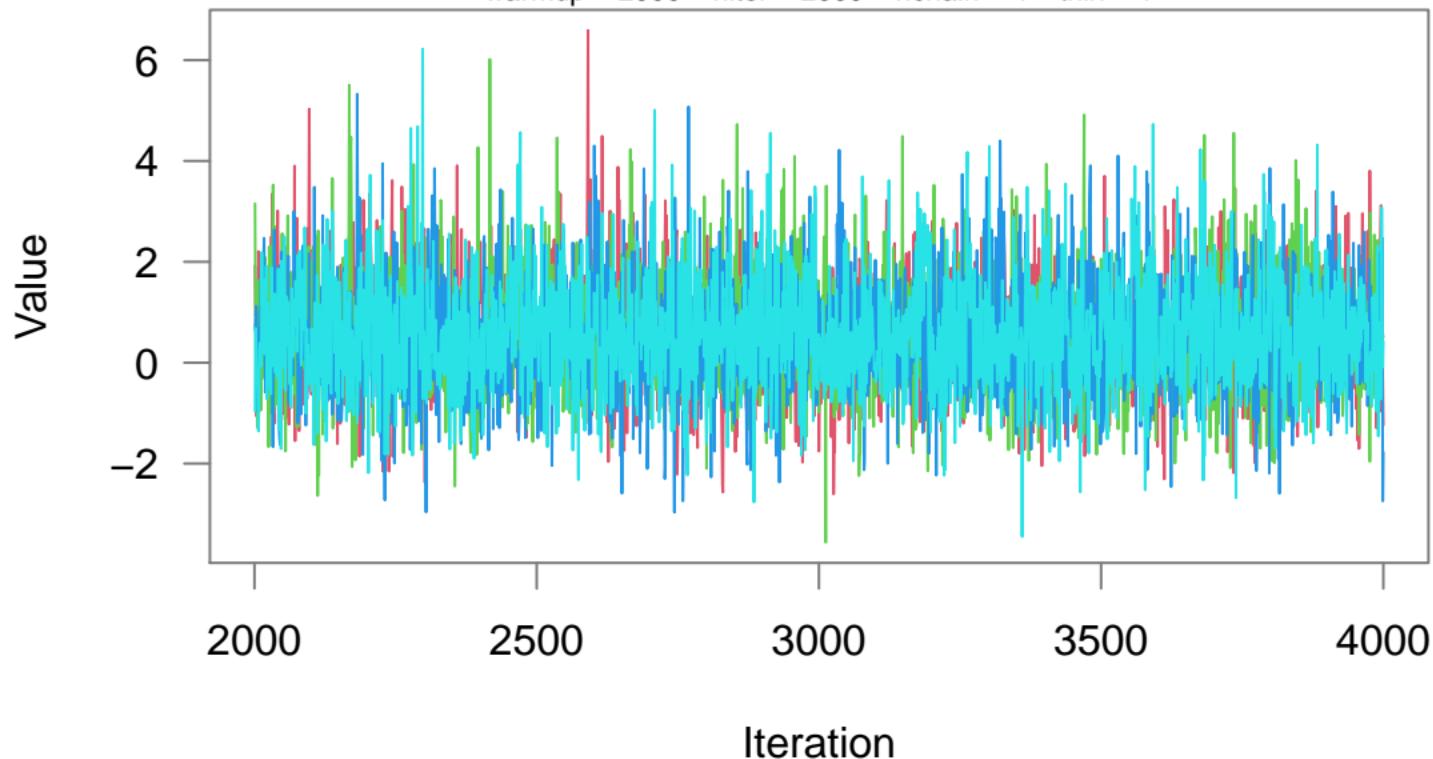
r_bay_fac:site_fac[Port.Wrangell_PW-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



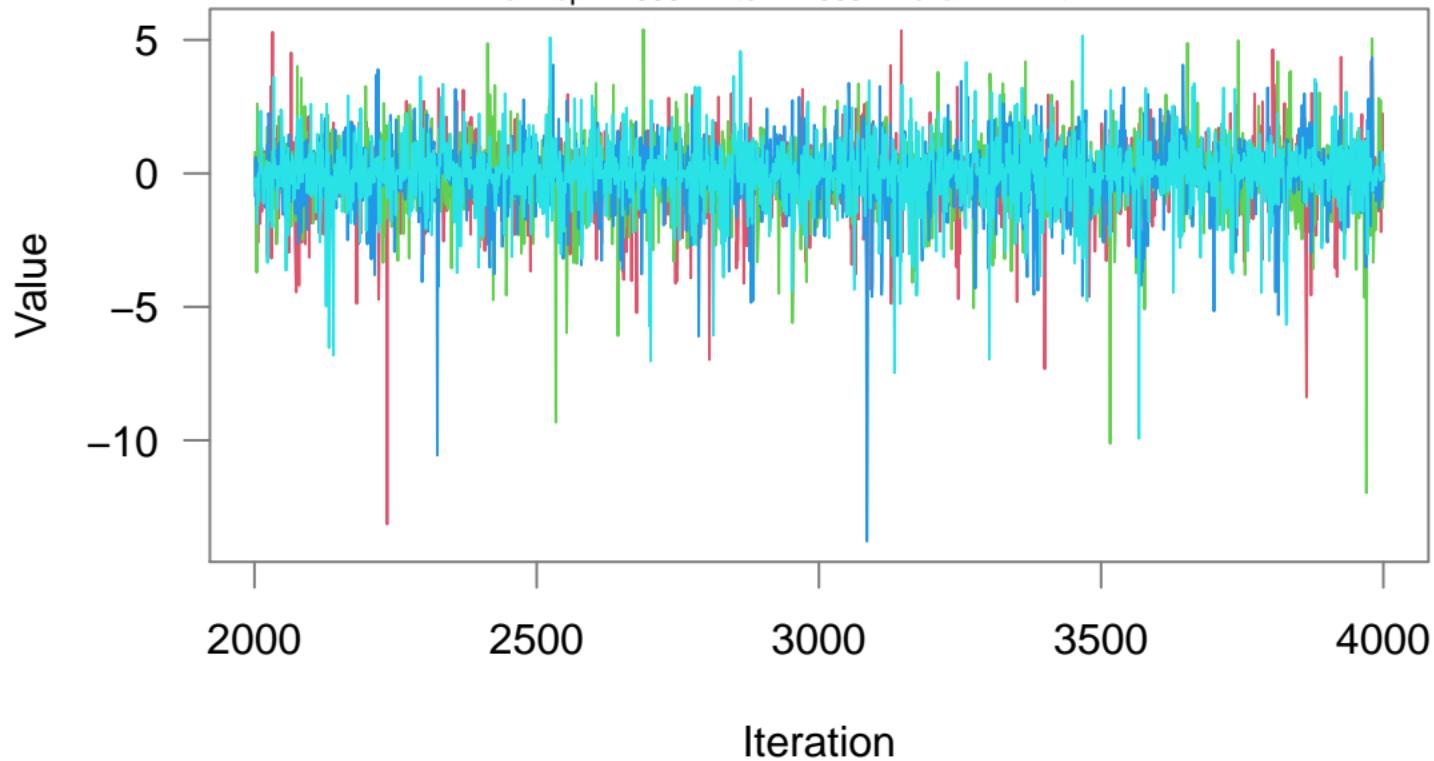
r_bay_fac:site_fac[Port.Wrangell_PW-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



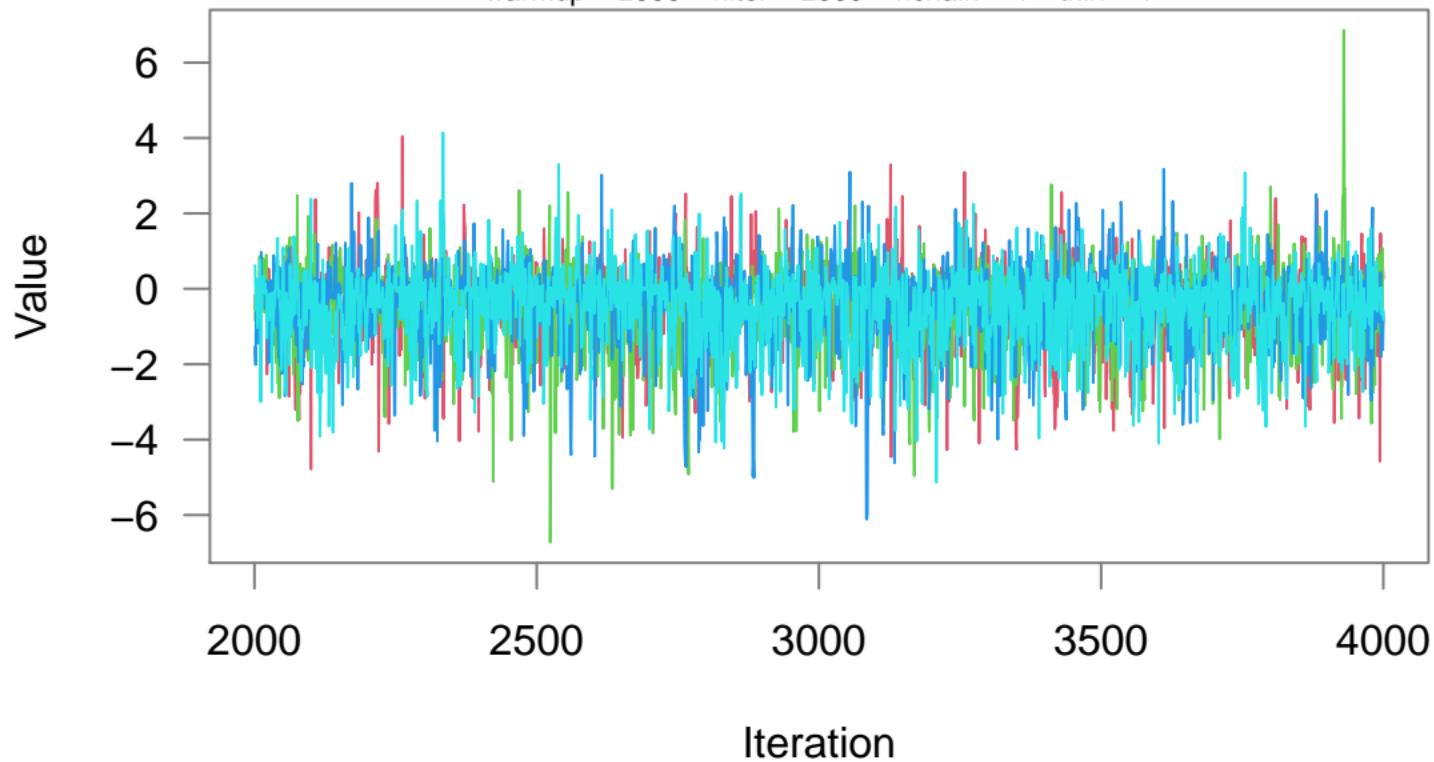
r_bay_fac_zi[Agripina,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



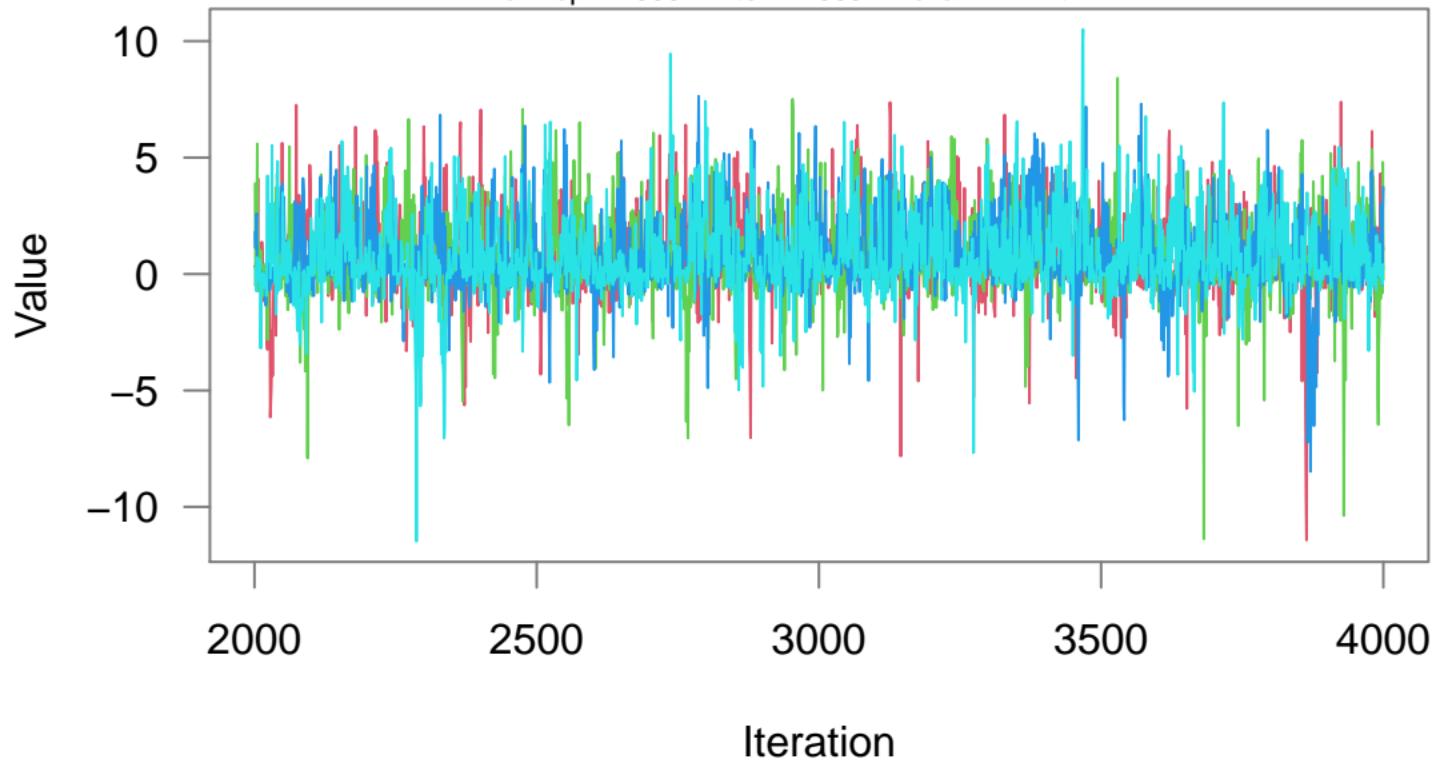
r_bay_fac__zi[Anton.Larson,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



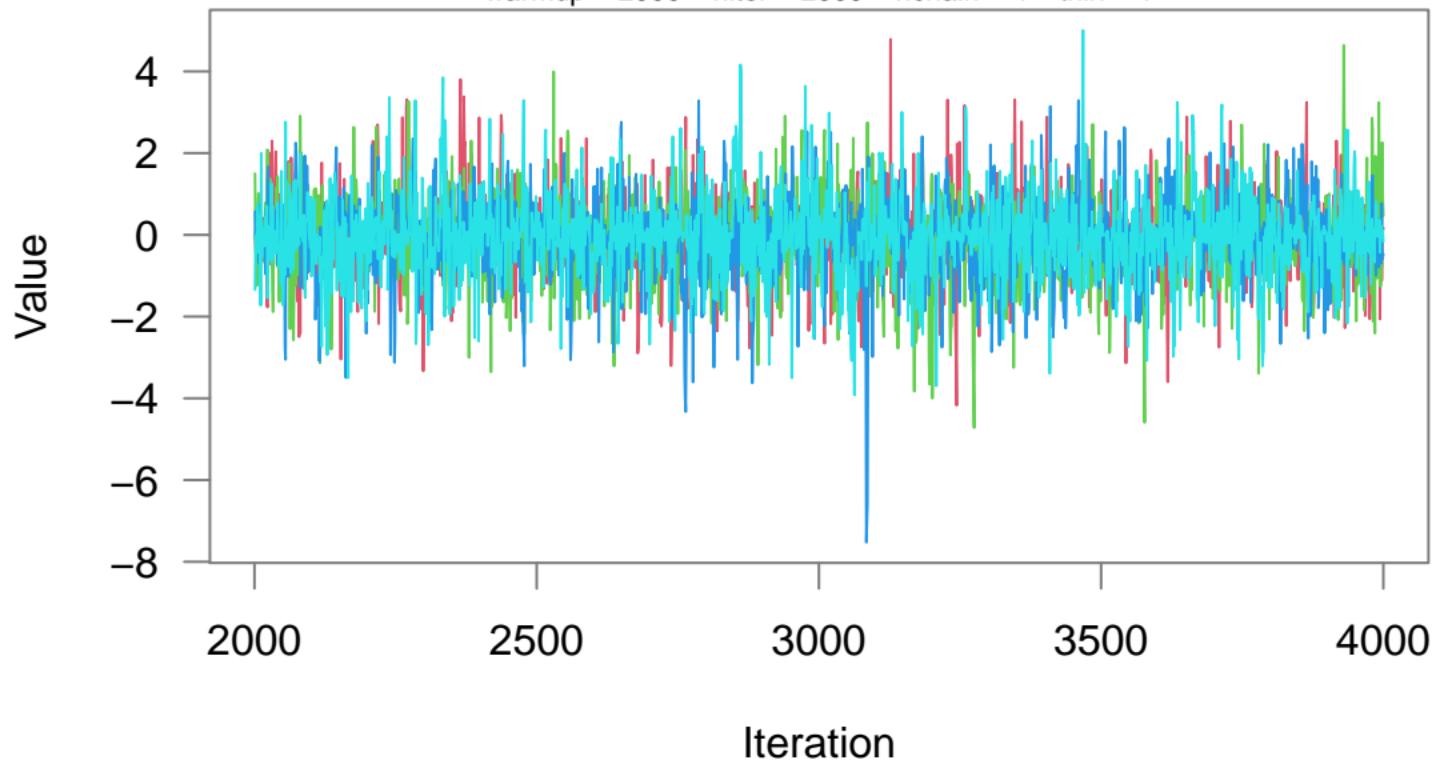
r_bay_fac_zi[Balboa,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



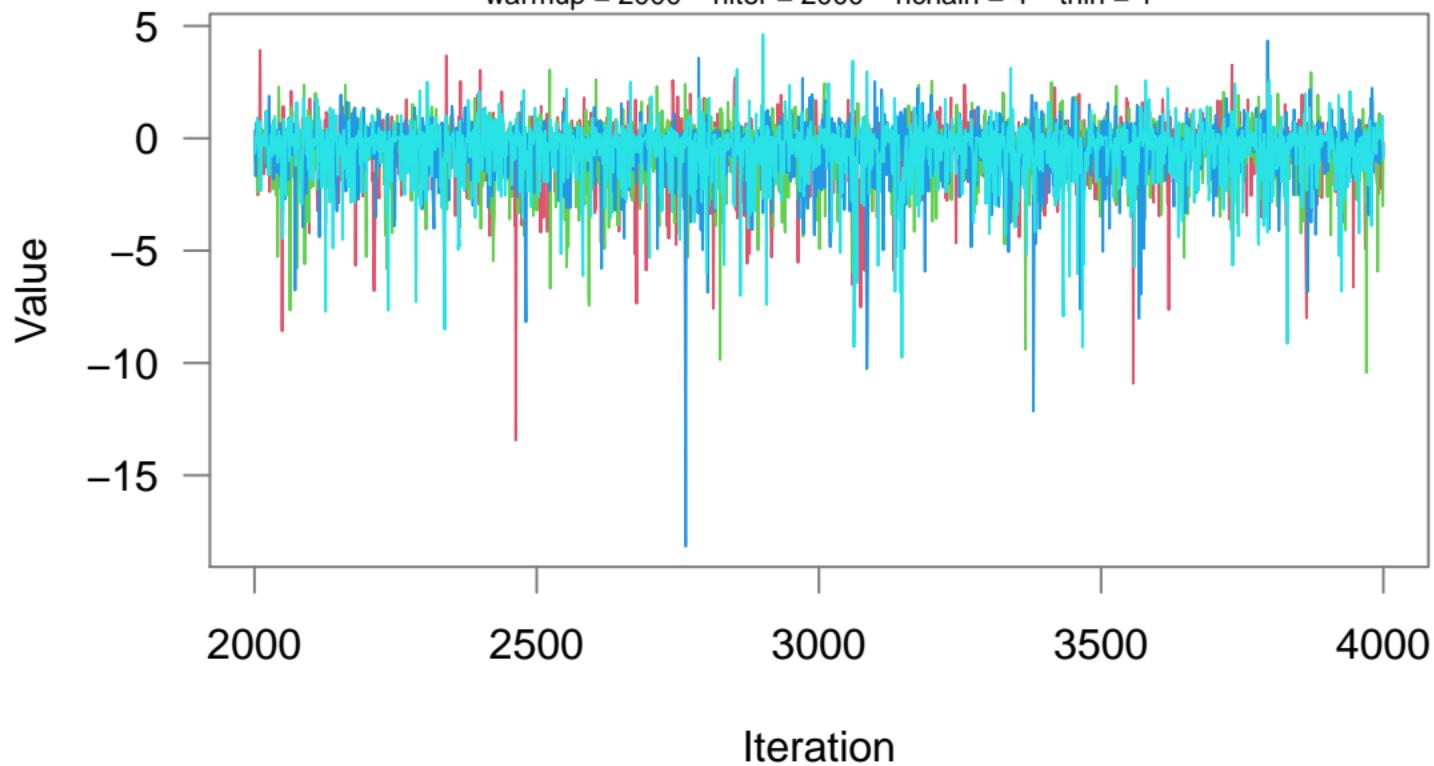
r_bay_fac__zi[Cook,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



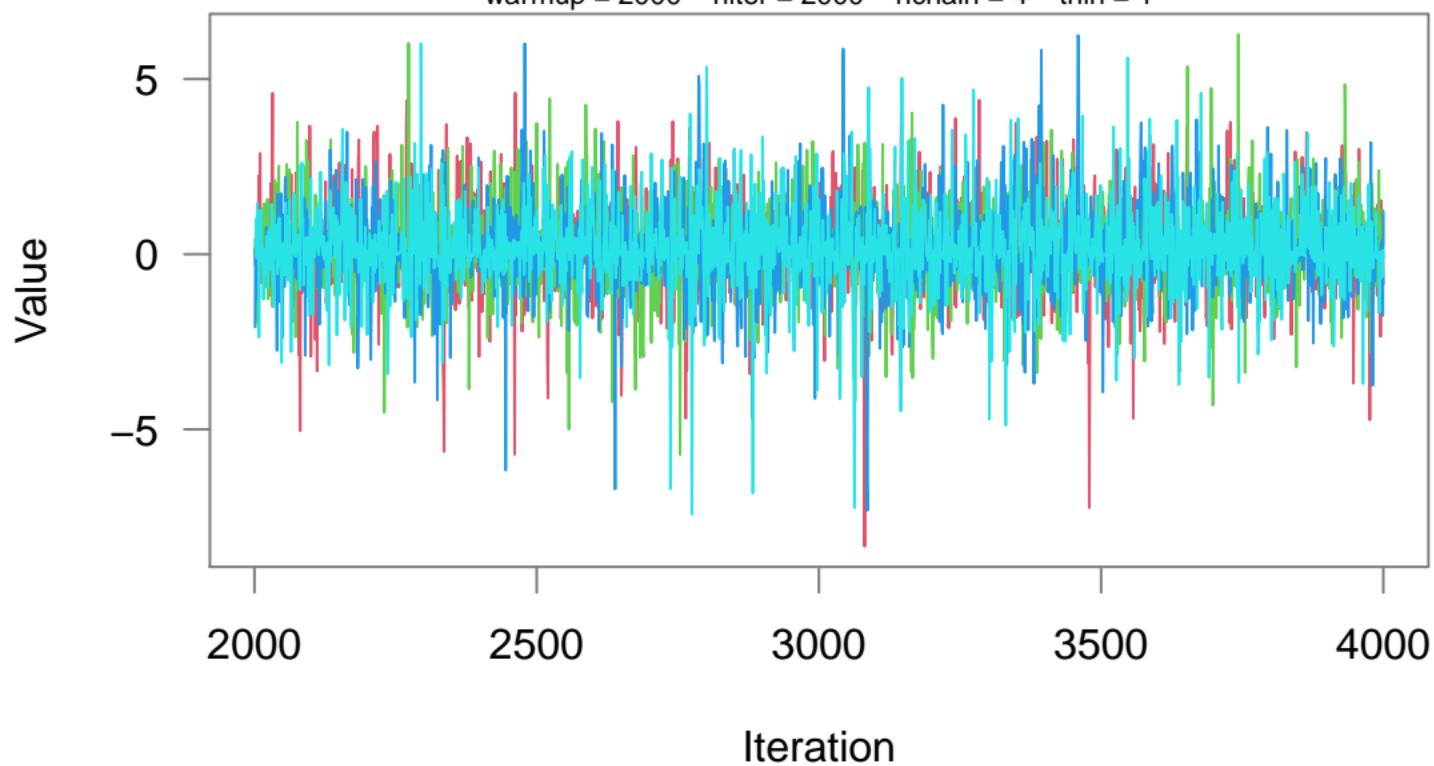
r_bay_fac_zi[Mitrofania,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



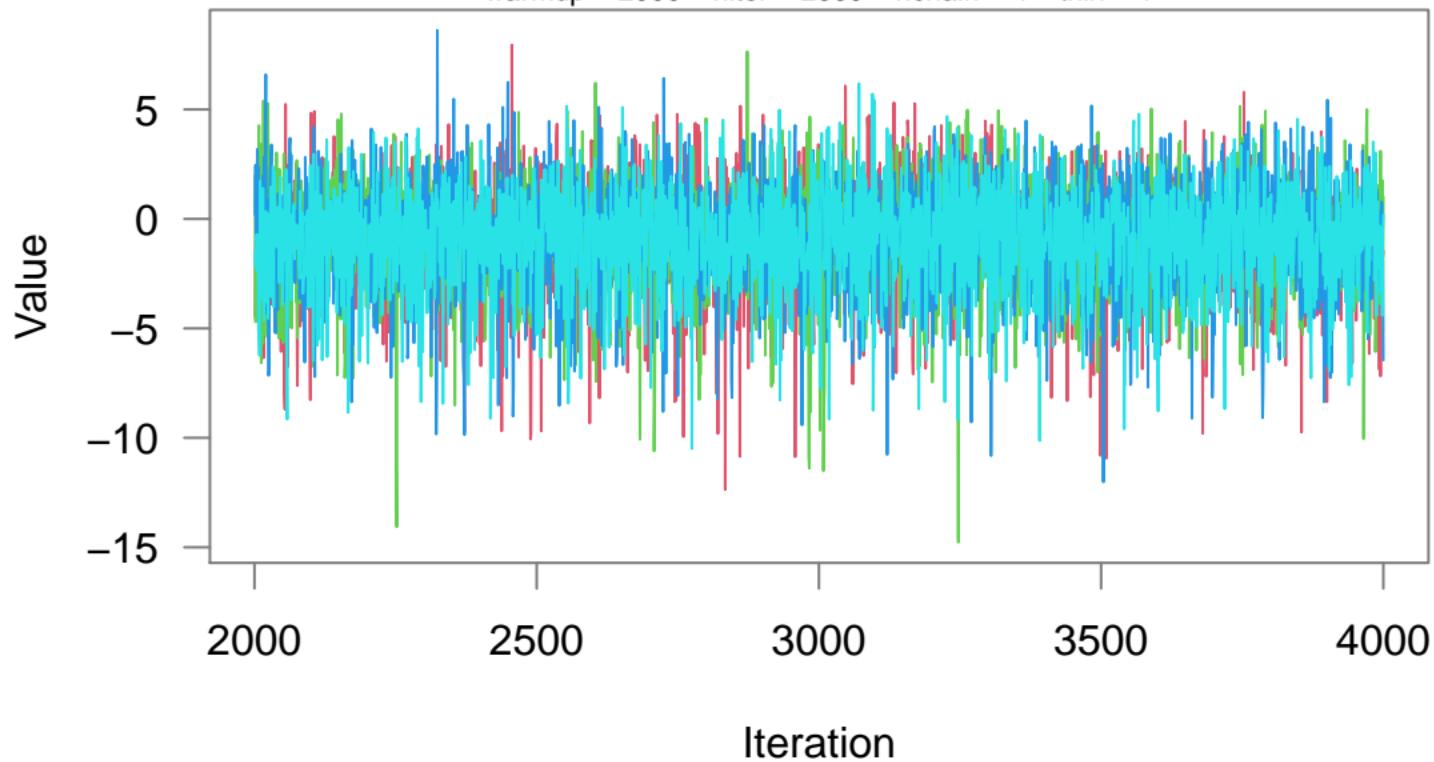
r_bay_fac__zi[Port.Wrangell,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



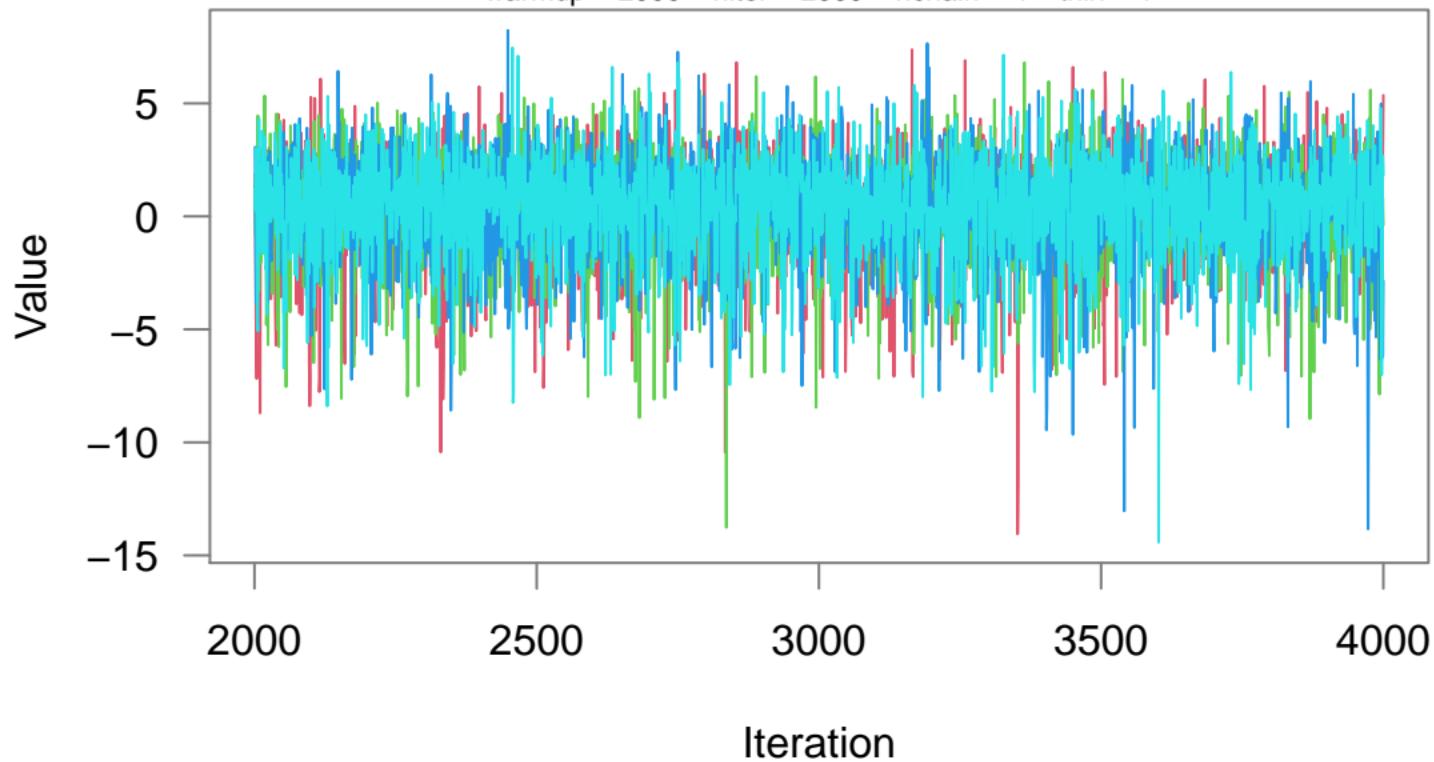
r_bay_fac:site_fac__zi[Agripina_AG-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



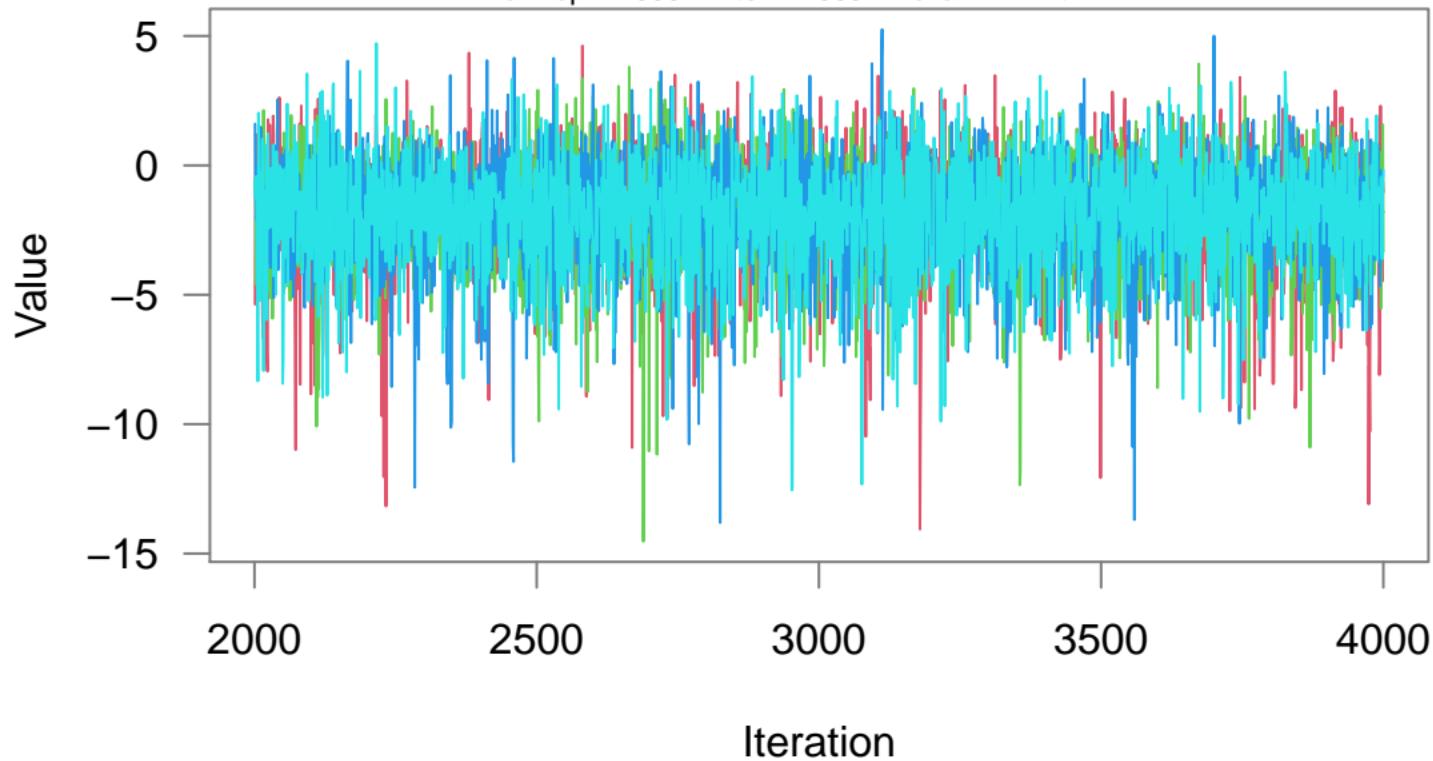
r_bay_fac:site_fac__zi[Agripina_AG-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



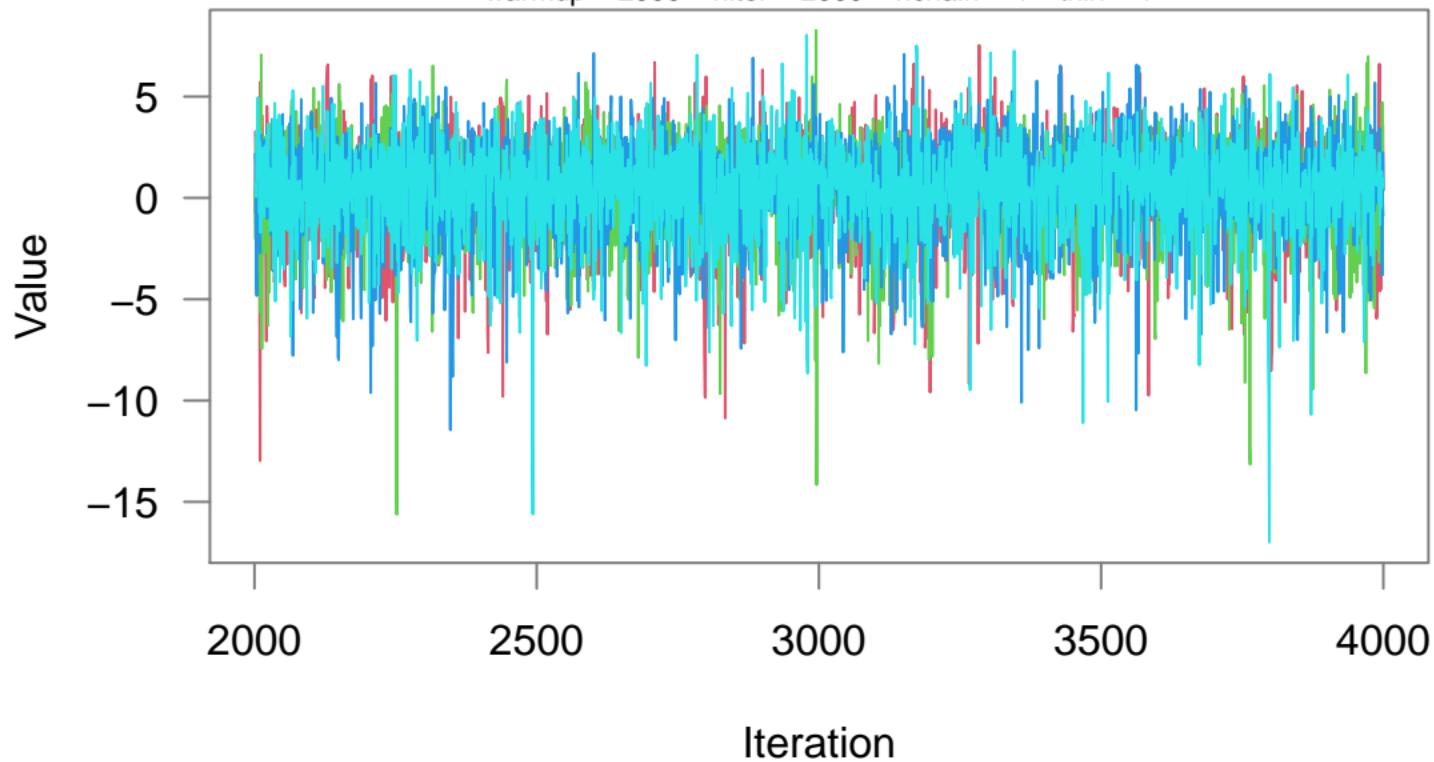
r_bay_fac:site_fac__zi[Agripina_AG-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



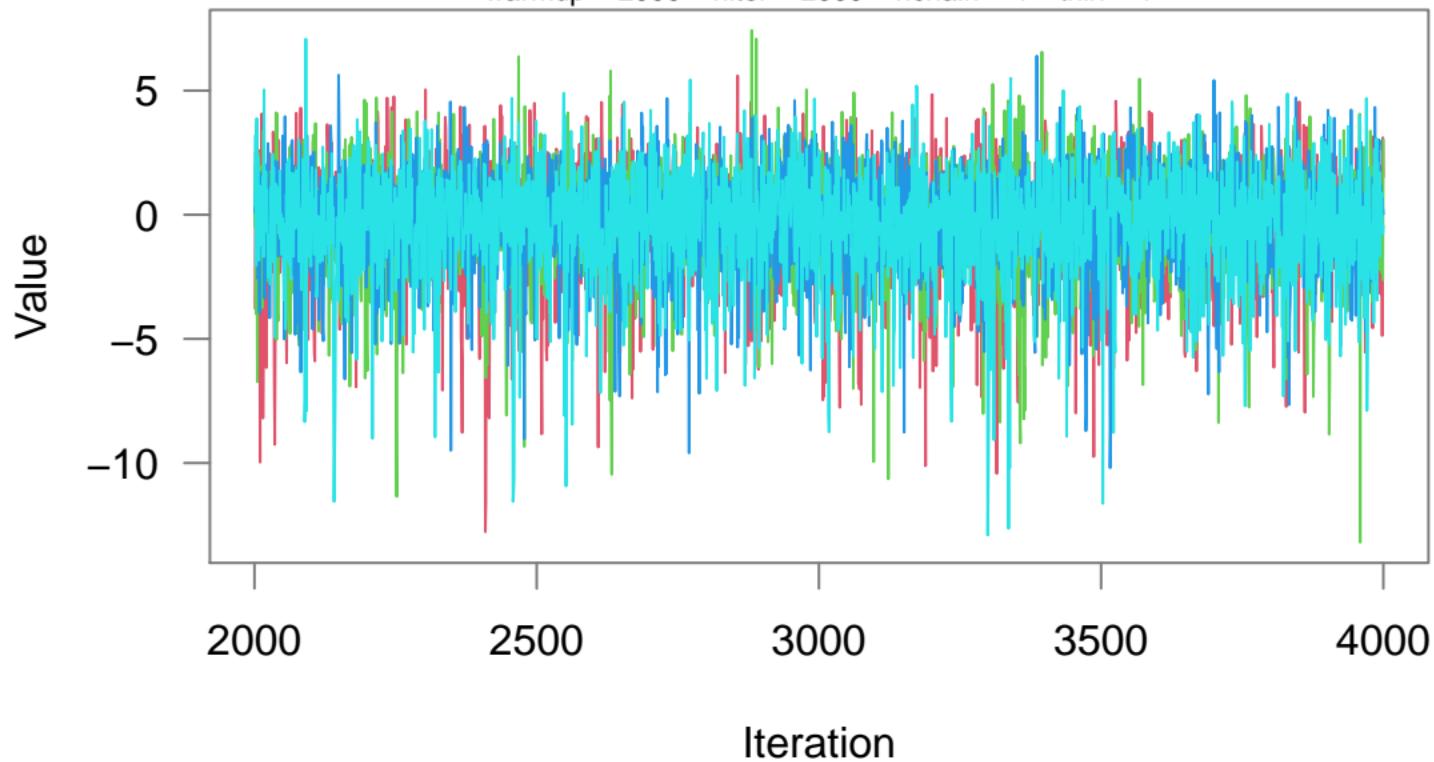
r_bay_fac:site_fac__zi[Agripina_AG-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



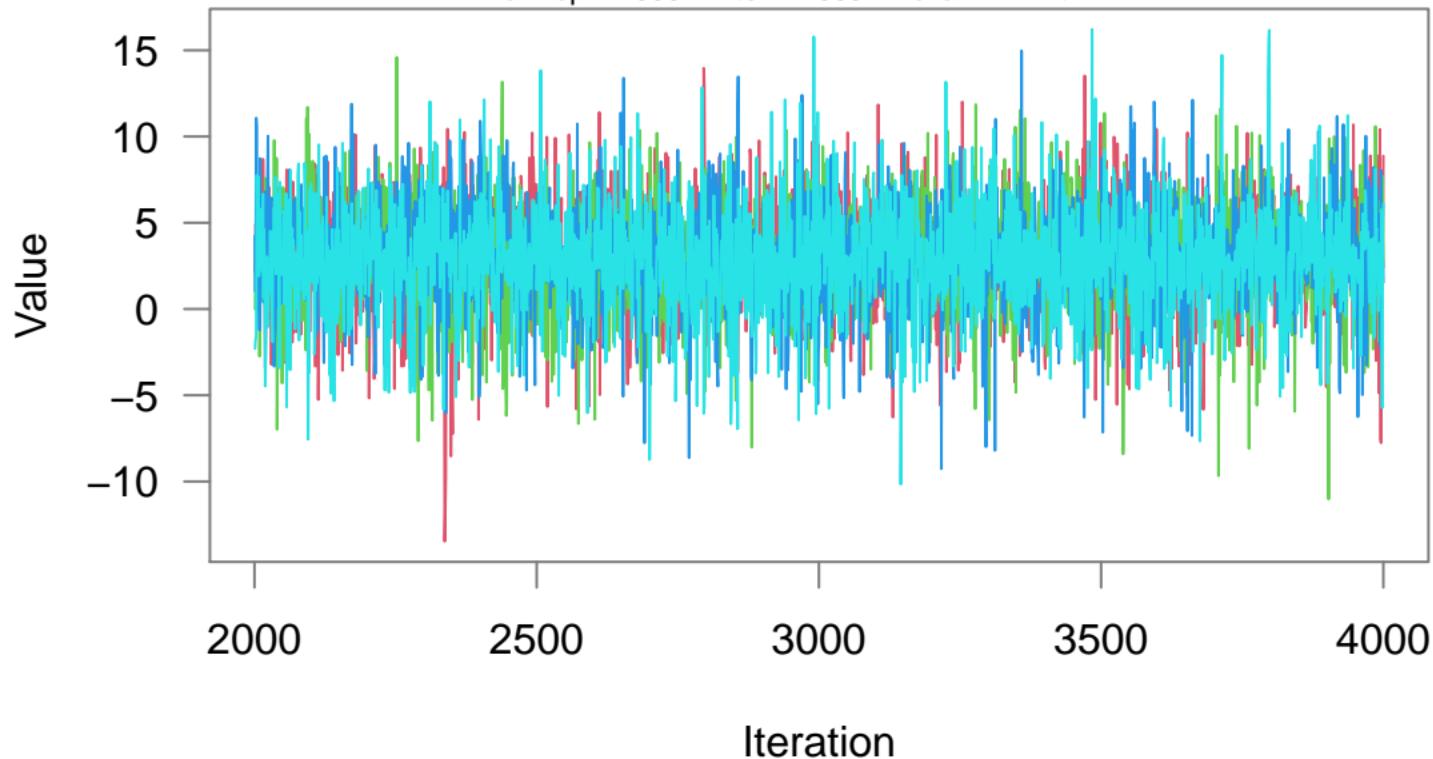
r_bay_fac:site_fac__zi[Agripina_AG-5,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



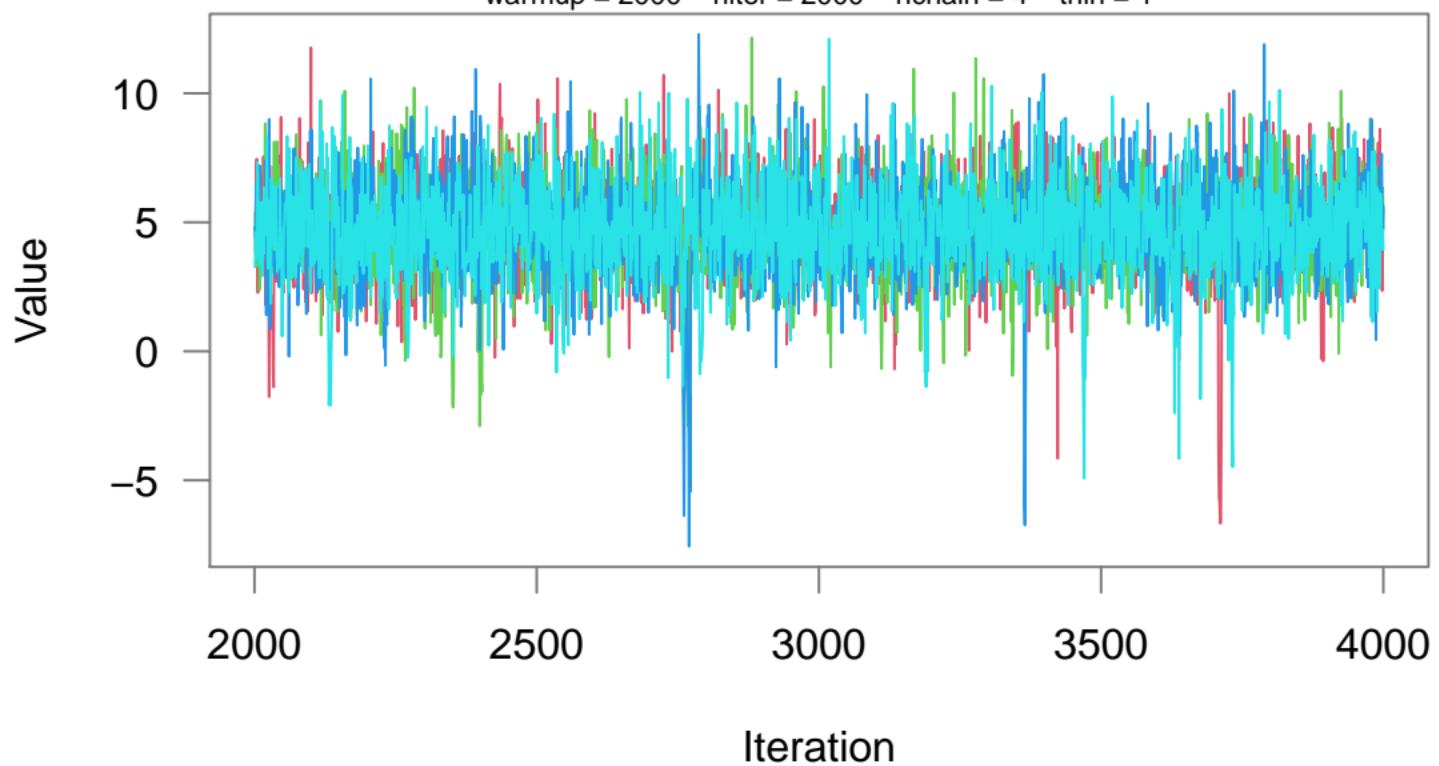
r_bay_fac:site_fac__zi[Agripina_AG-6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



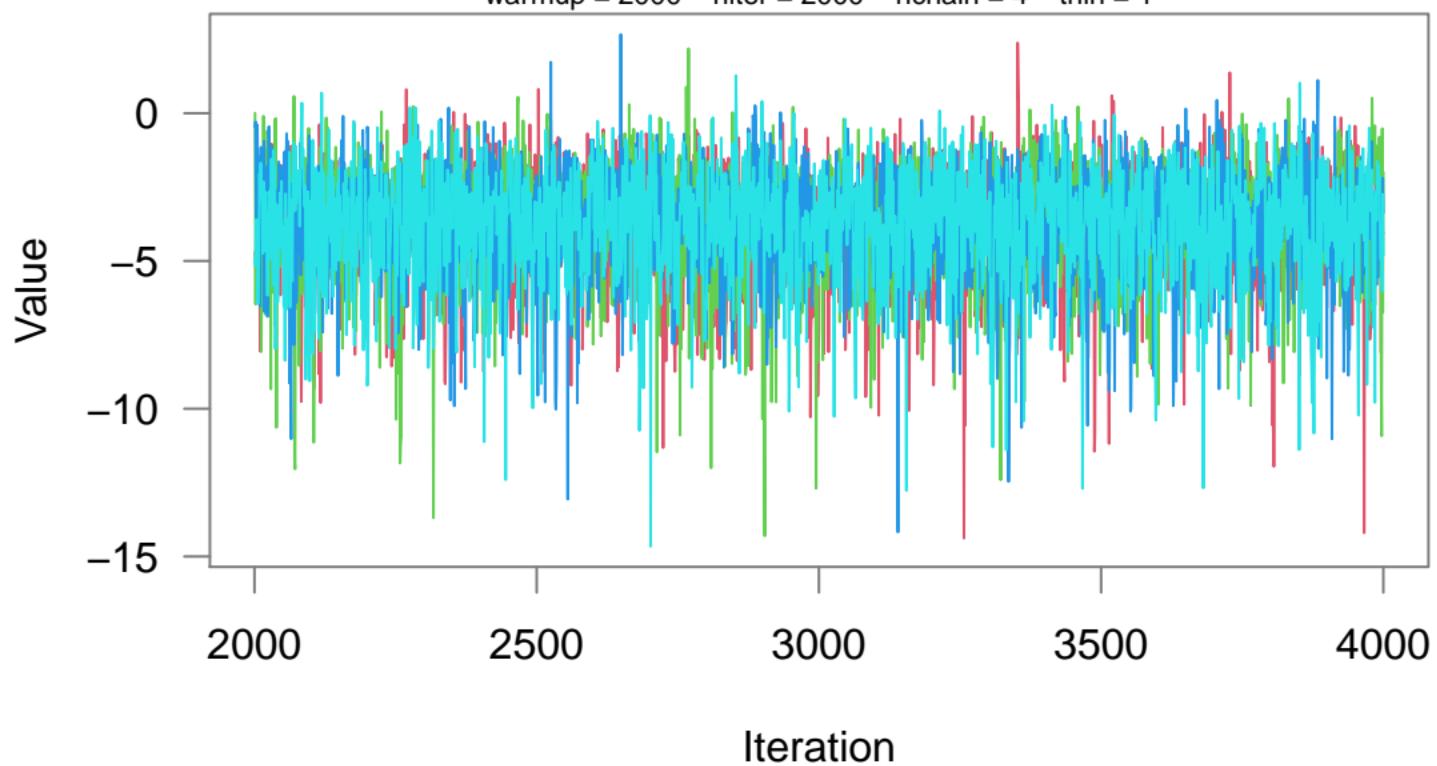
r_bay_fac:site_fac__zi[Anton.Larson_Back.Bay.eelgrass,Interce

warmup = 2000 niter = 2000 nchain = 4 thin = 1



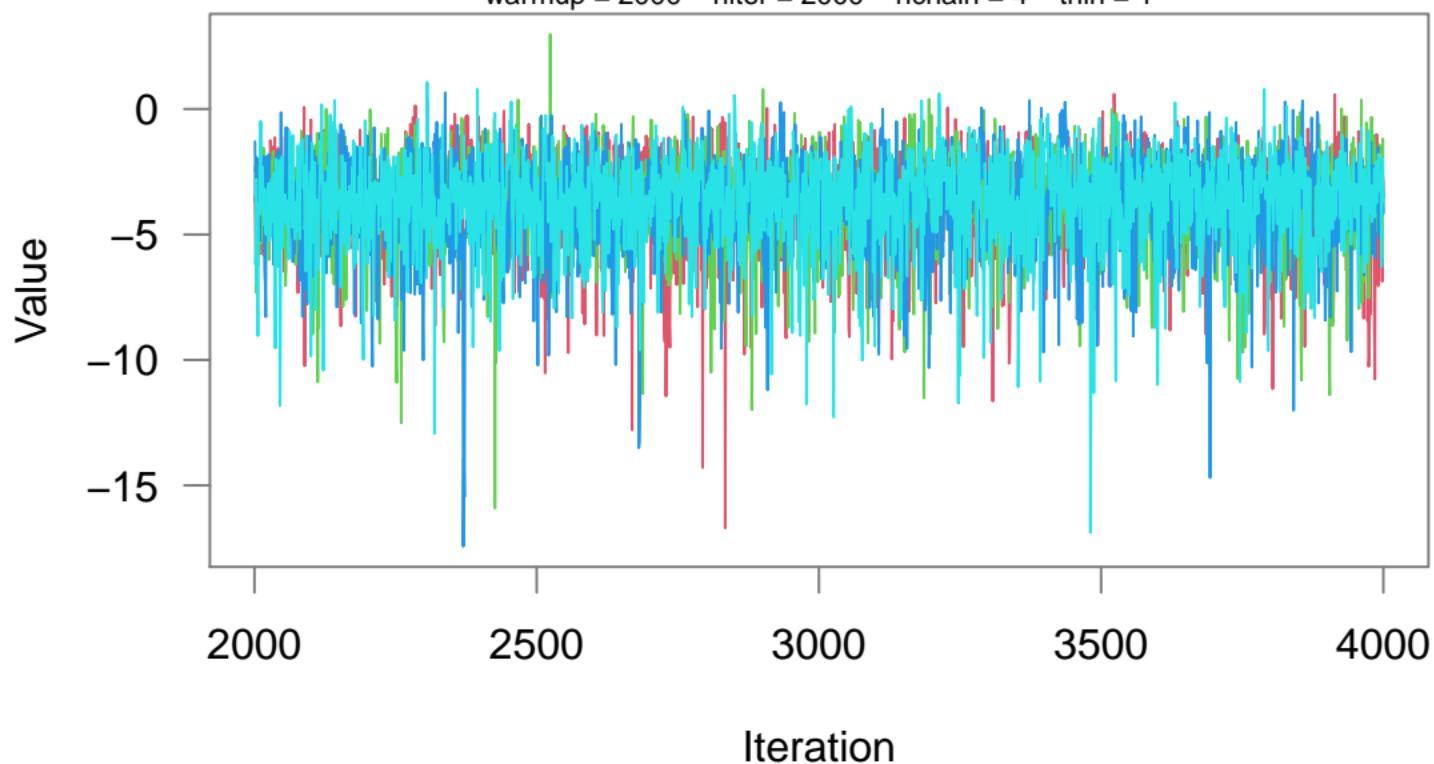
r_bay_fac:site_fac_zi[Anton.Larson_Cobble.point,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



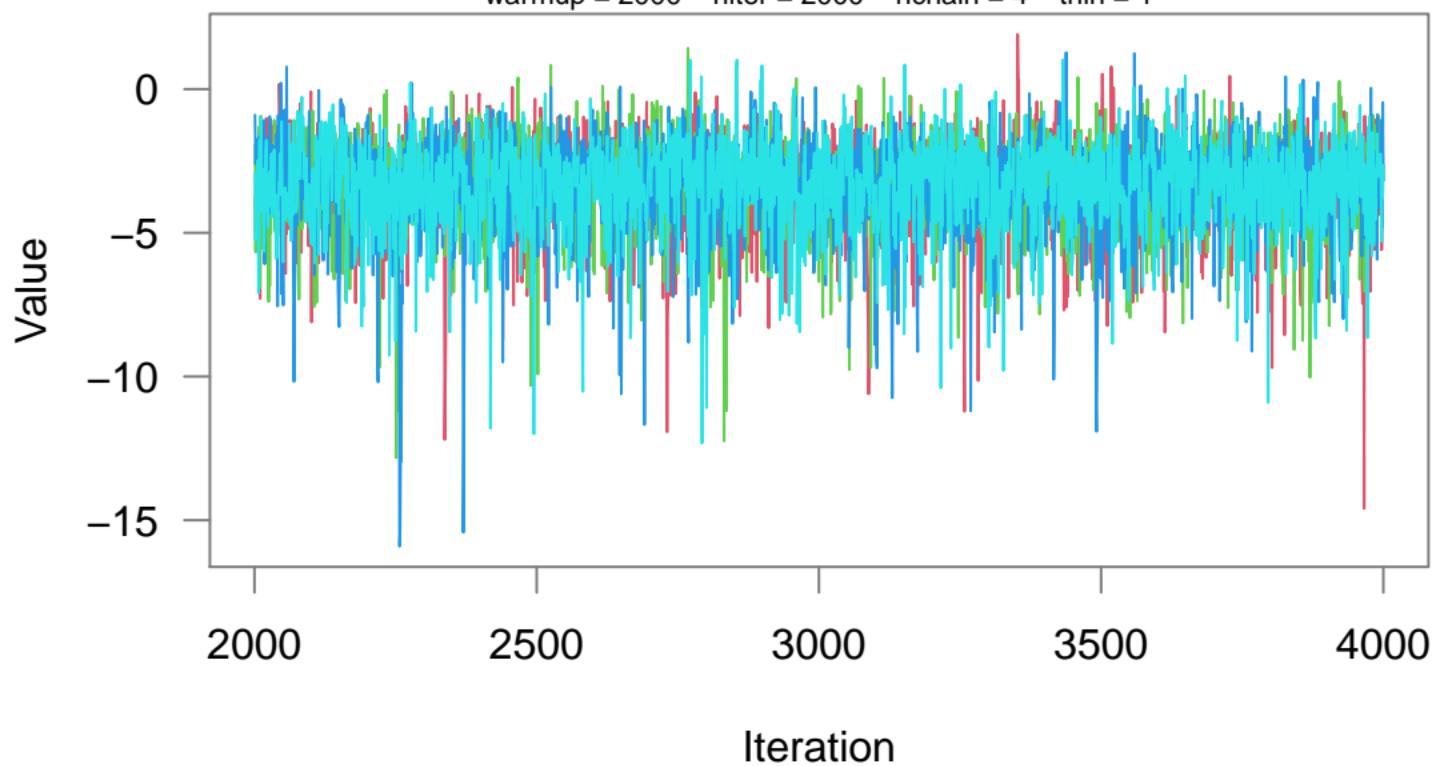
r_bay_fac:site_fac__zi[Anton.Larson_Eelgrass.patches,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

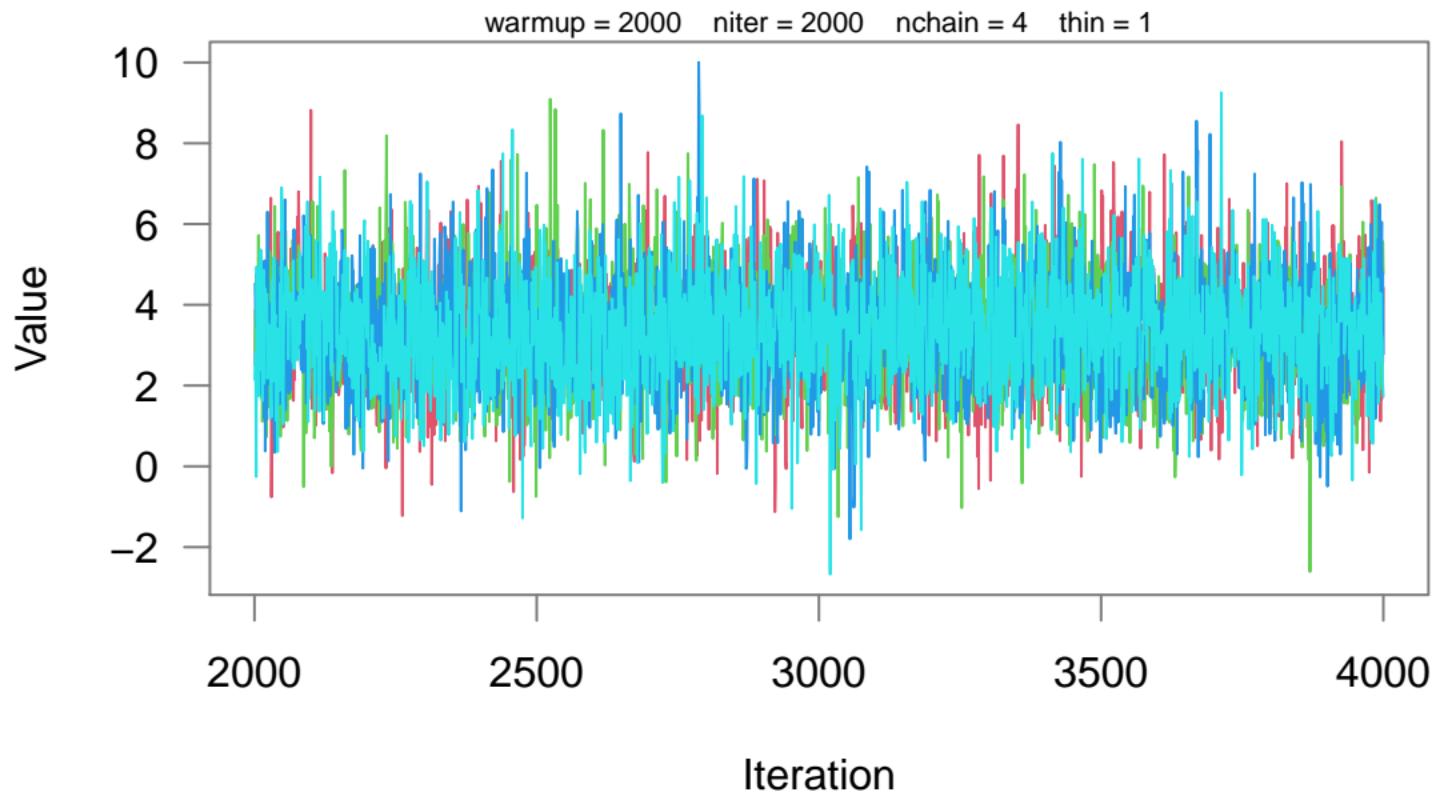


r_bay_fac:site_fac__zi[Anton.Larson_Eelgrass.point,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

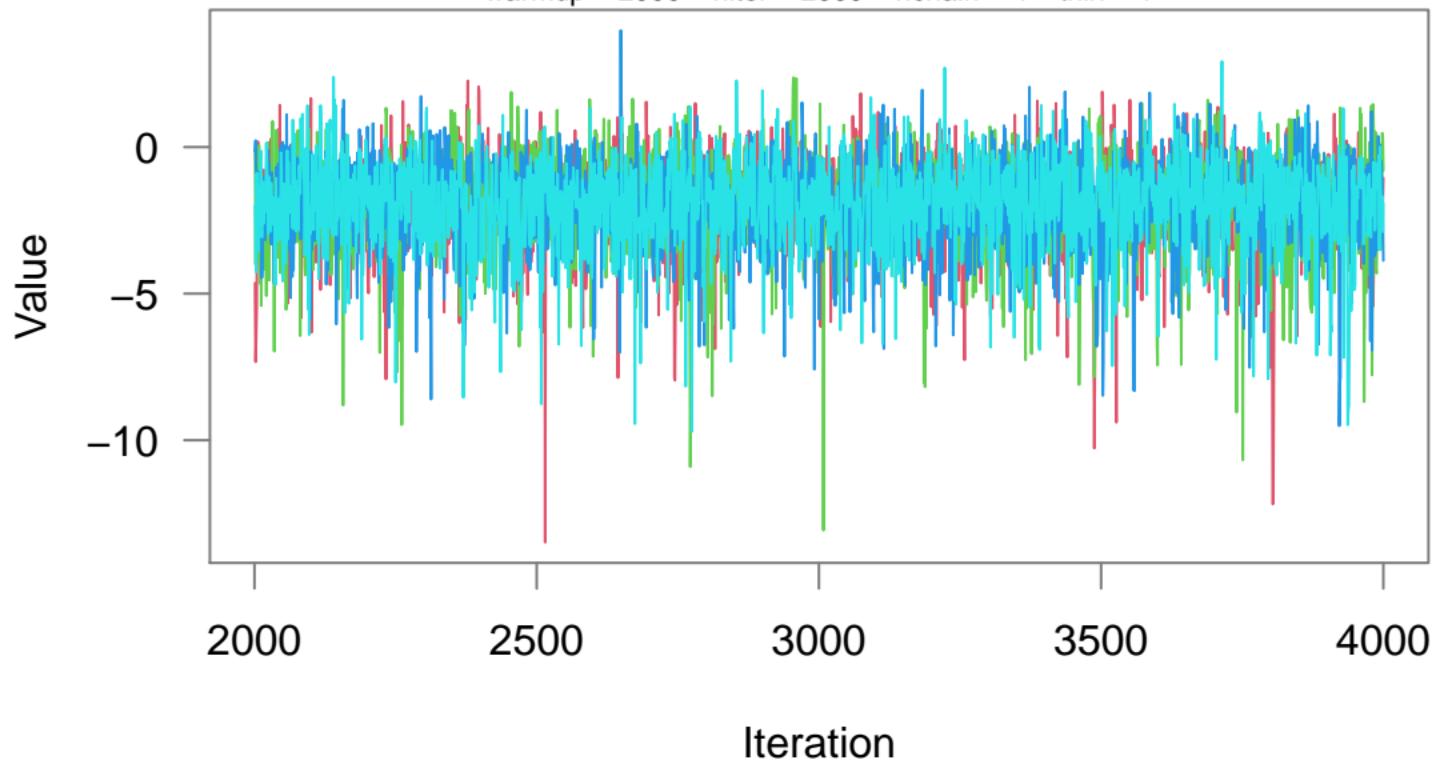


r_bay_fac:site_fac__zi[Anton.Larson_Laminaria.#2,Intercept]



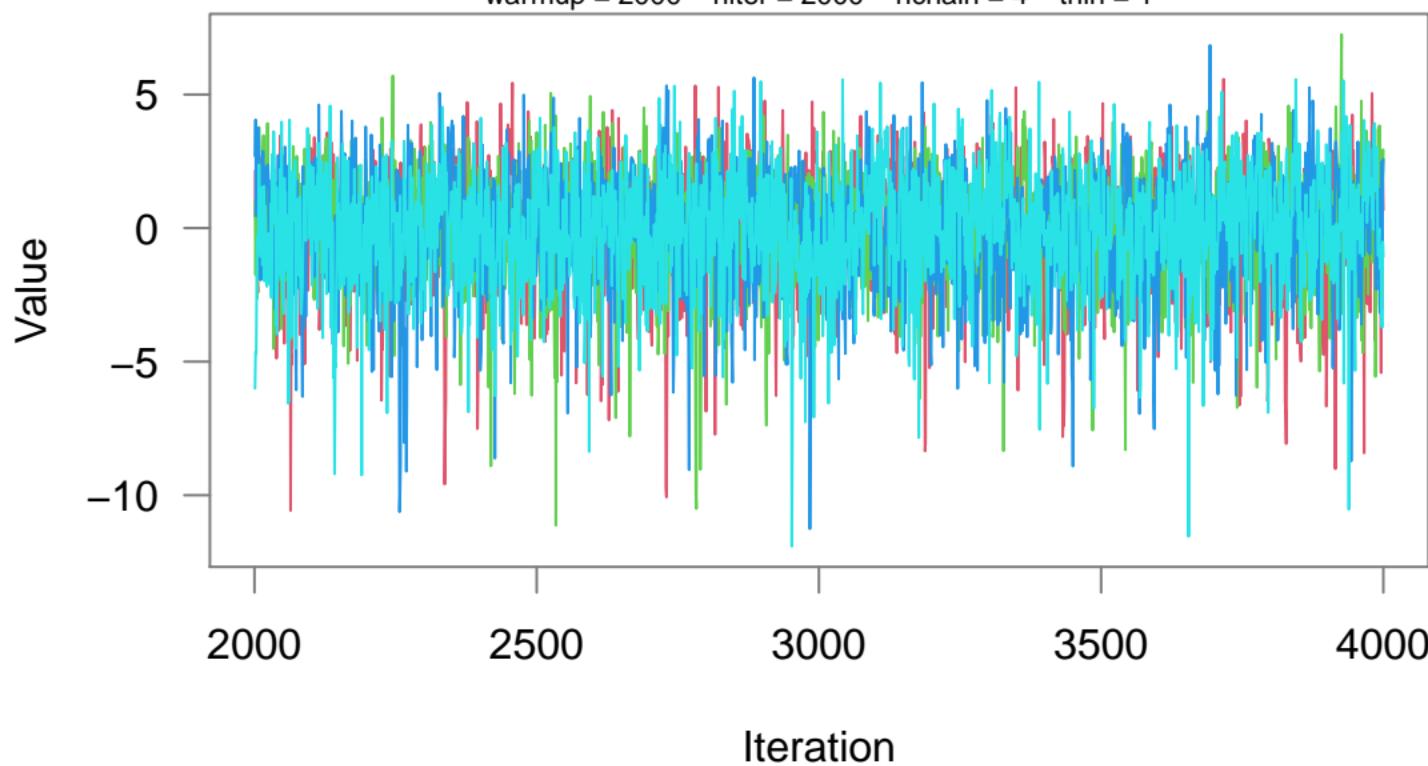
r_bay_fac:site_fac__zi[Anton.Larson_Laminaria.Point,Intercep

warmup = 2000 niter = 2000 nchain = 4 thin = 1



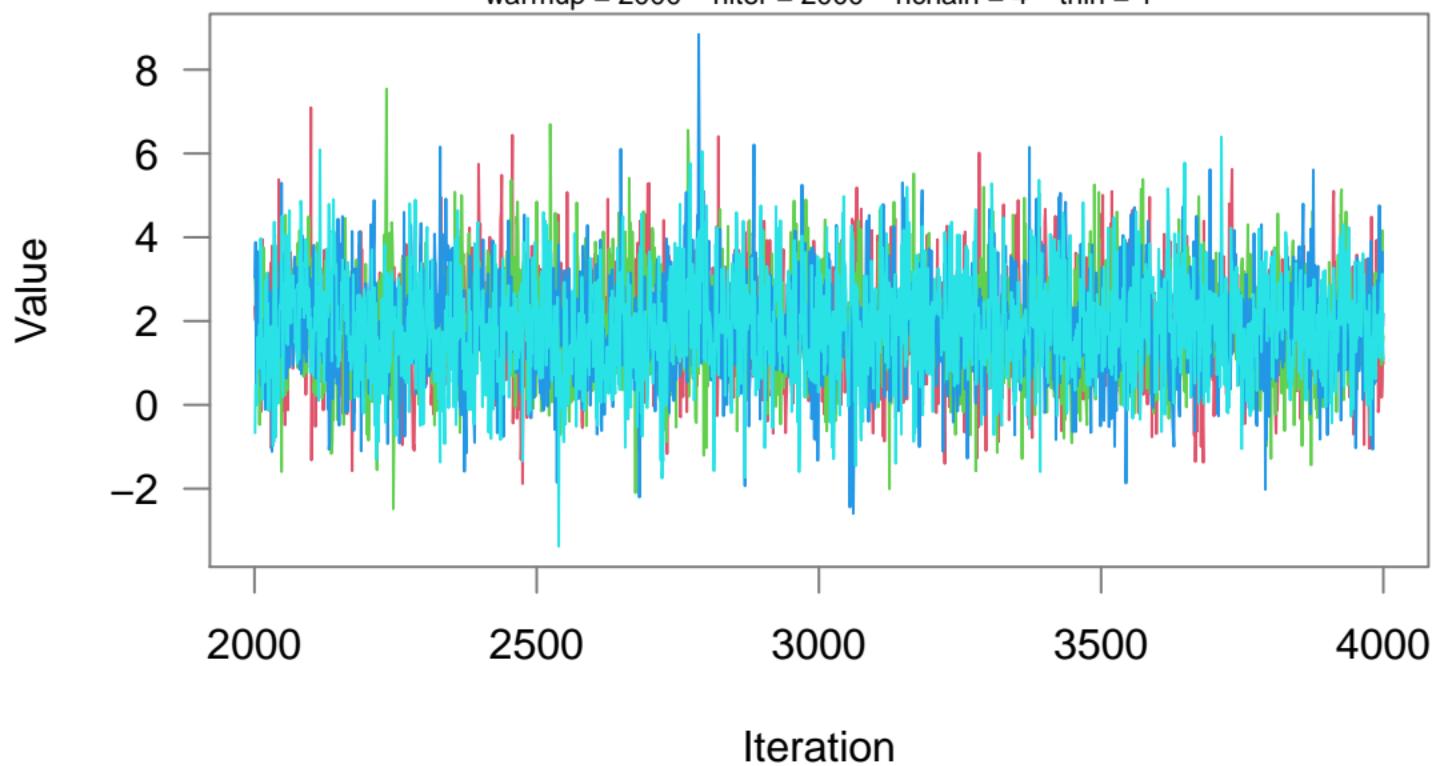
r_bay_fac:site_fac__zi[Anton.Larson_White.rock,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



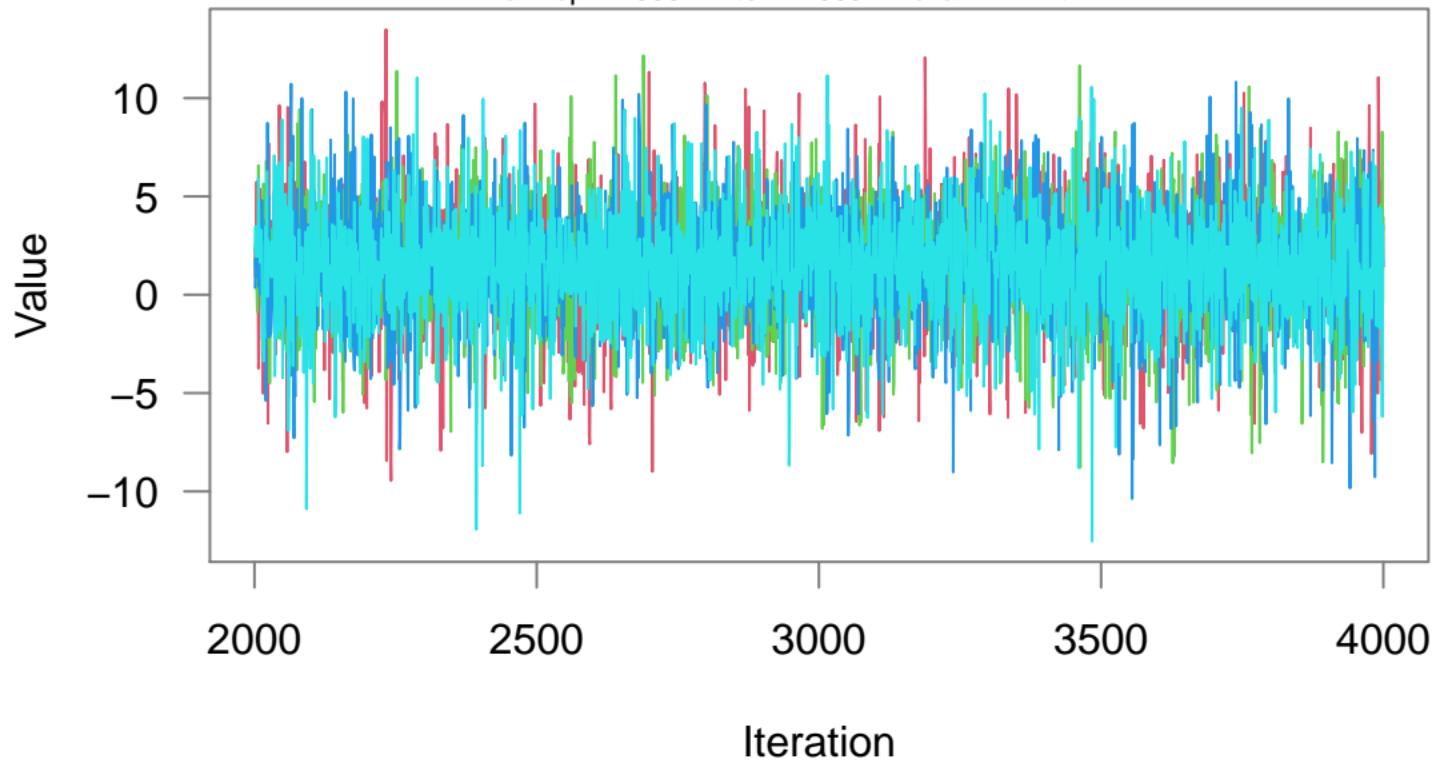
r_bay_fac:site_fac__zi[Anton.Larson_Wooden.boat,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

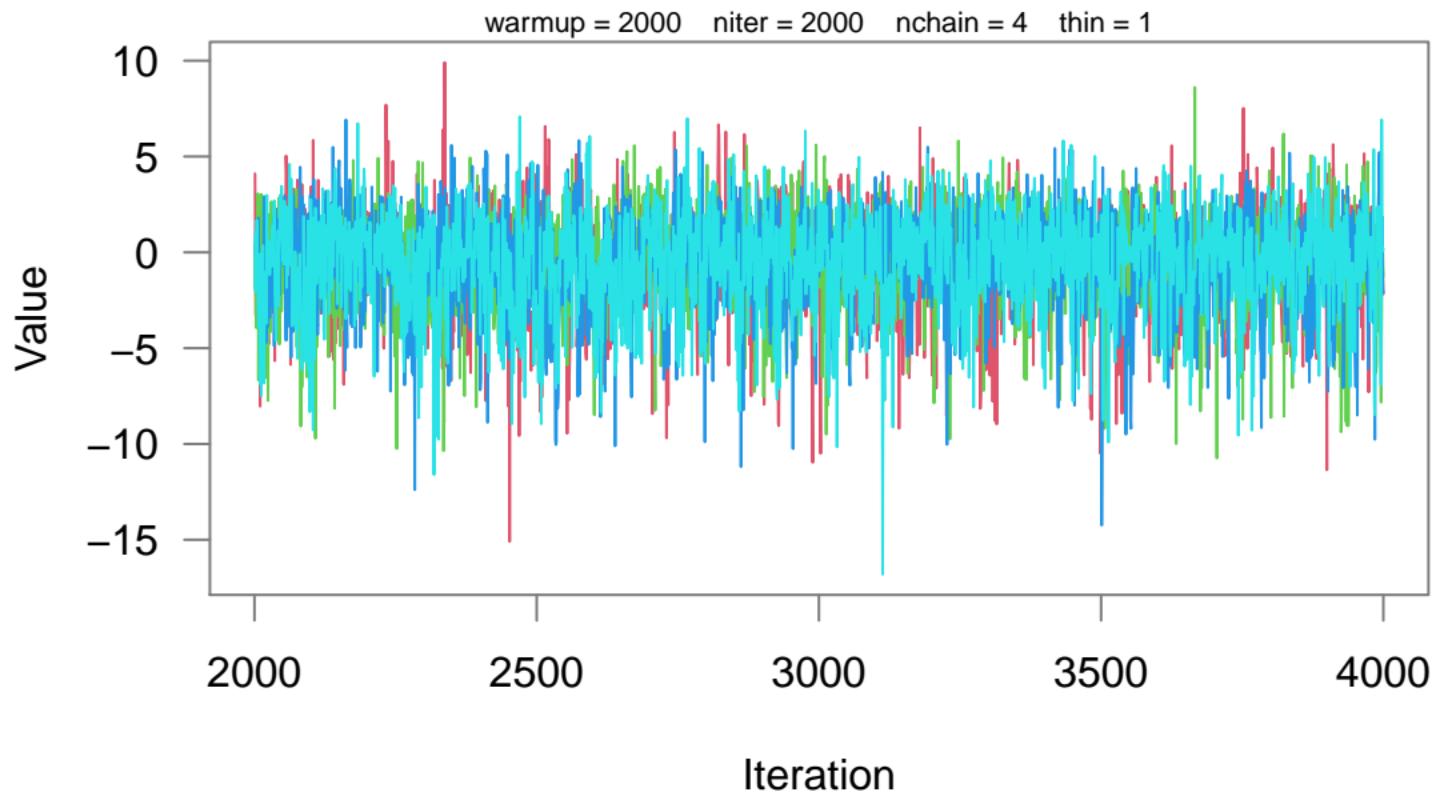


r_bay_fac:site_fac__zi[Balboa_BB-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

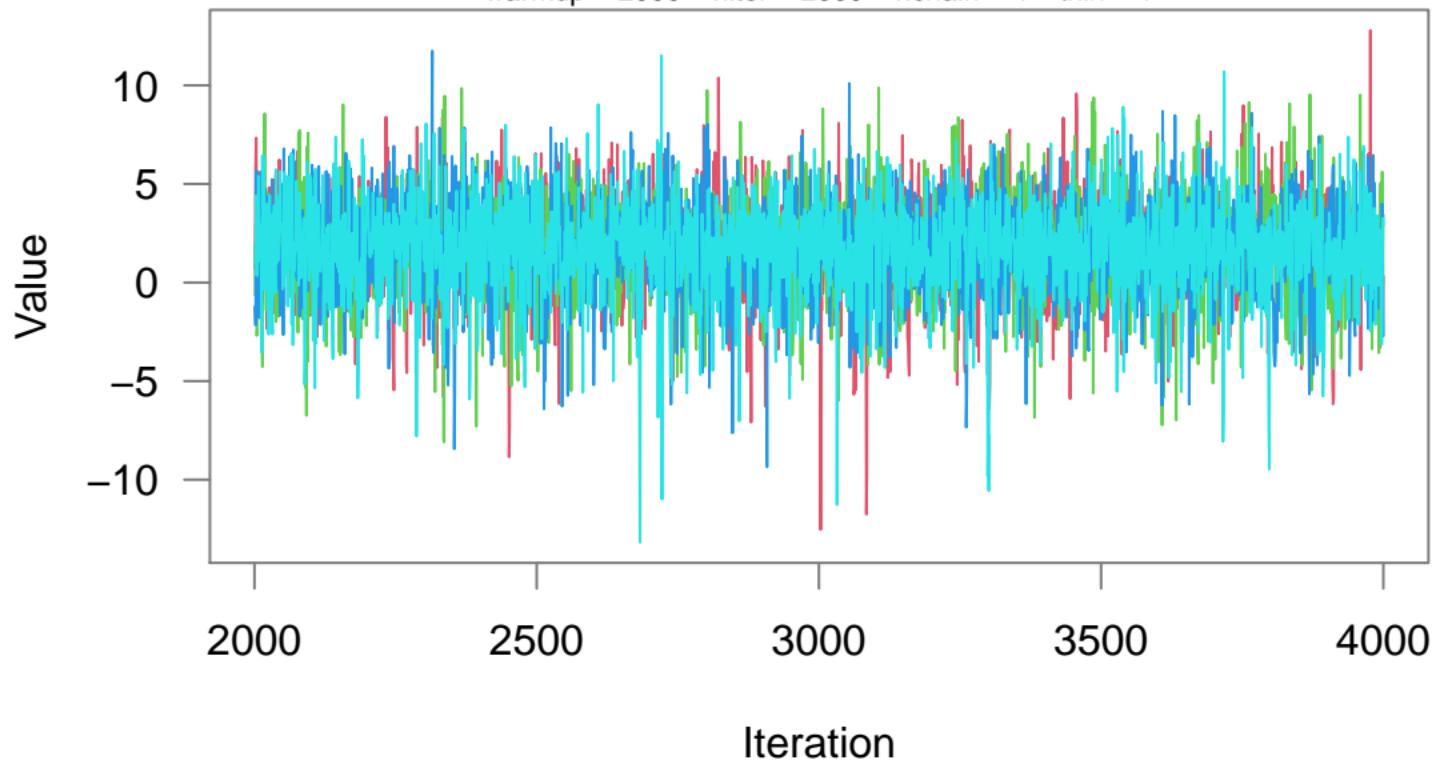


r_bay_fac:site_fac__zi[Balboa_BB-2,Intercept]



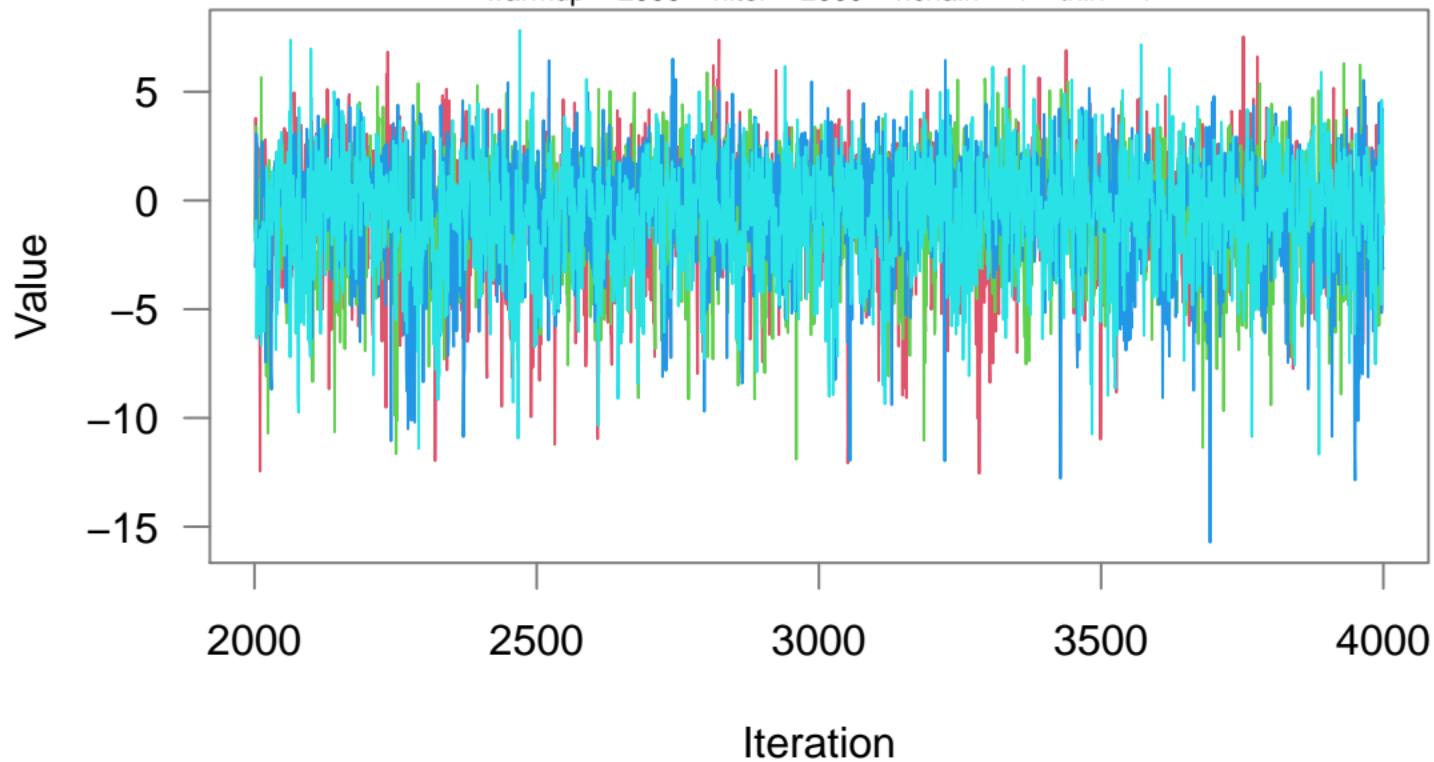
r_bay_fac:site_fac__zi[Balboa_BB-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

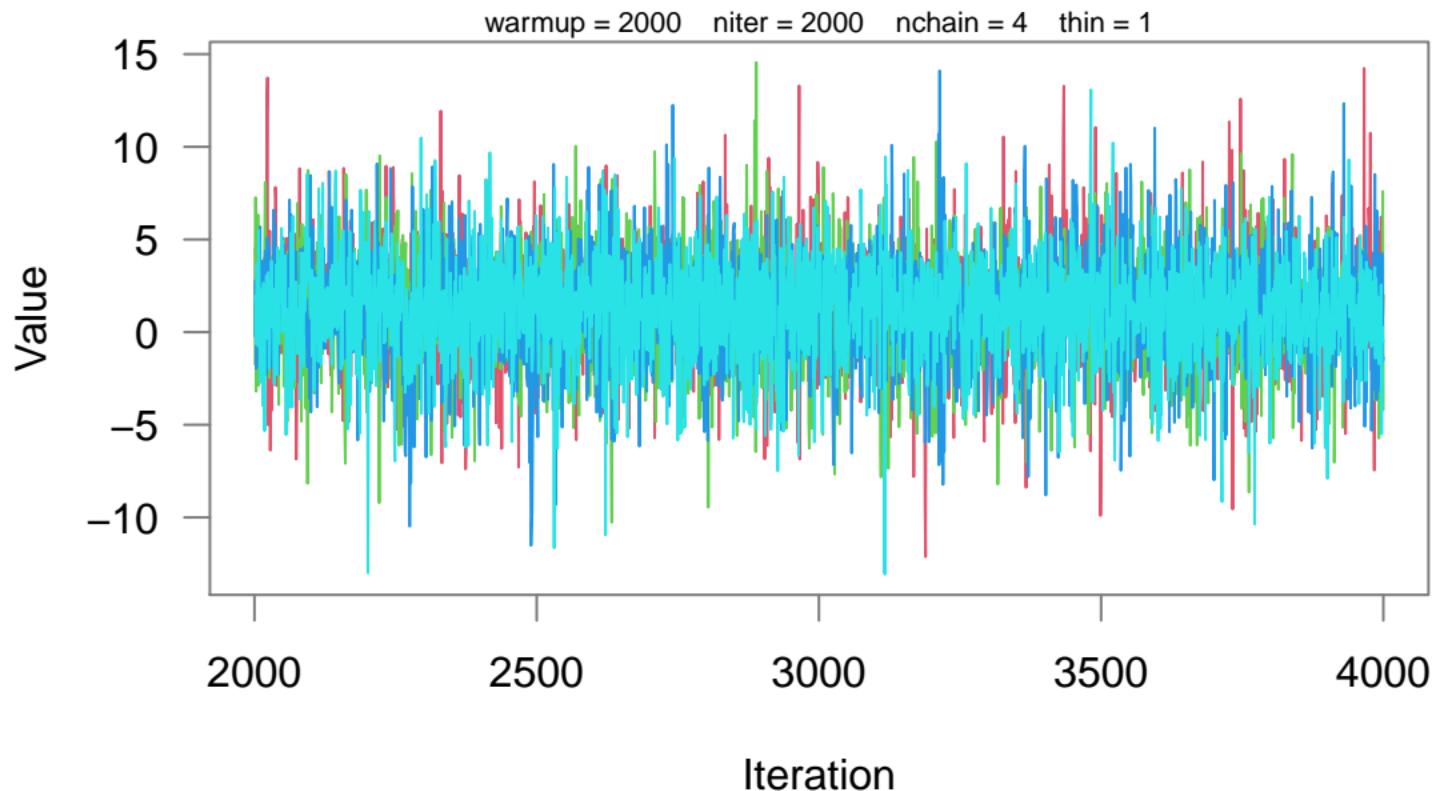


r_bay_fac:site_fac__zi[Balboa_BB-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

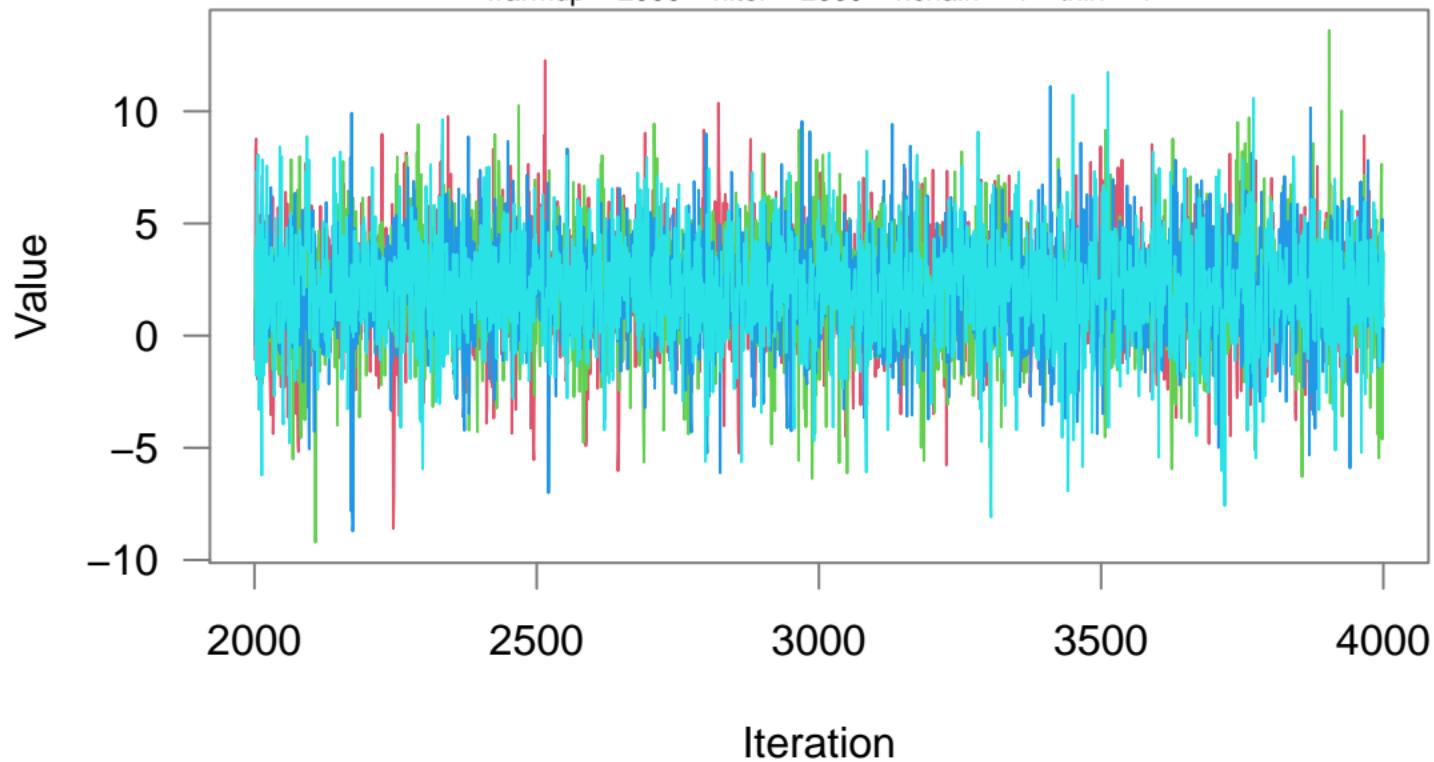


r_bay_fac:site_fac__zi[Balboa_BB-5,Intercept]

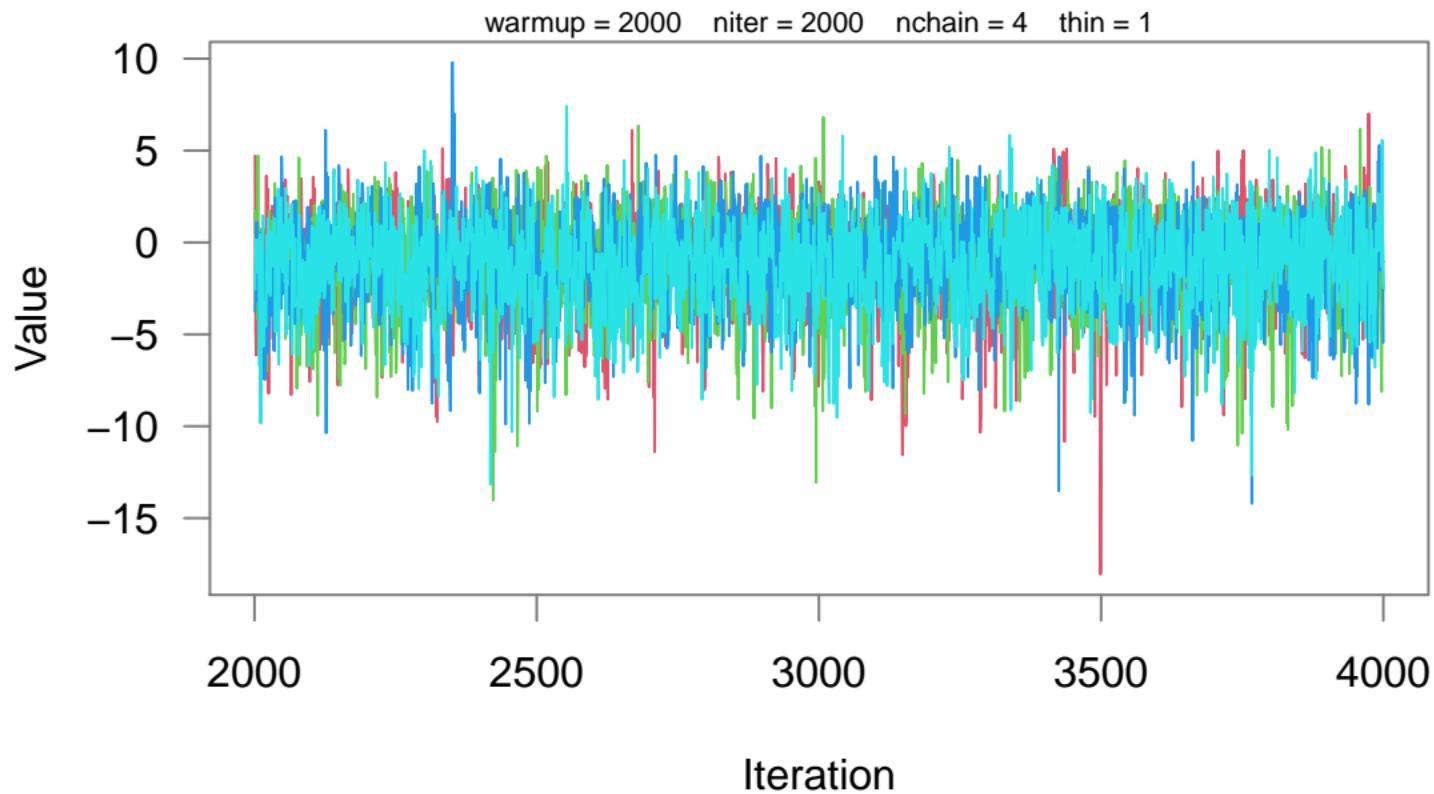


r_bay_fac:site_fac__zi[Balboa_BB-6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

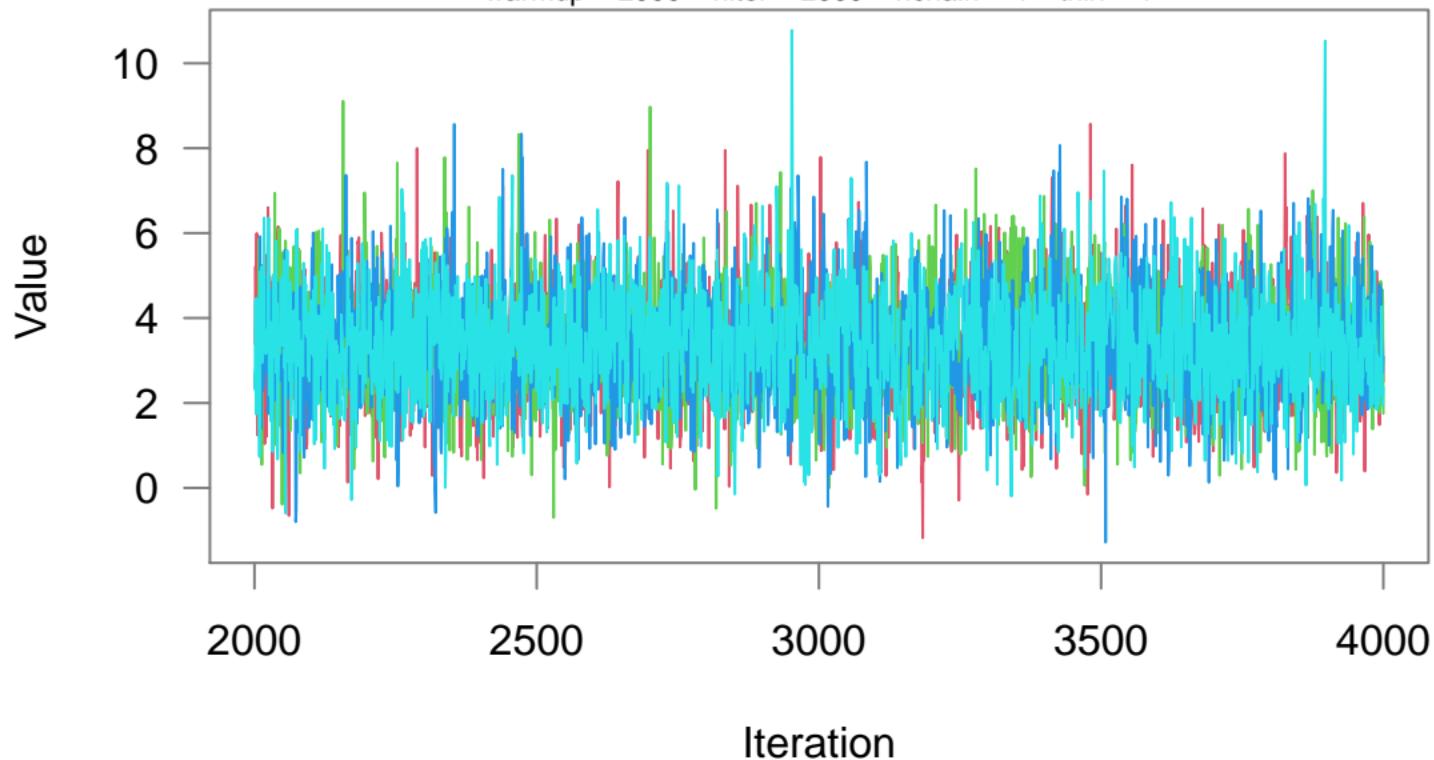


r_bay_fac:site_fac__zi[Balboa_BB-7,Intercept]

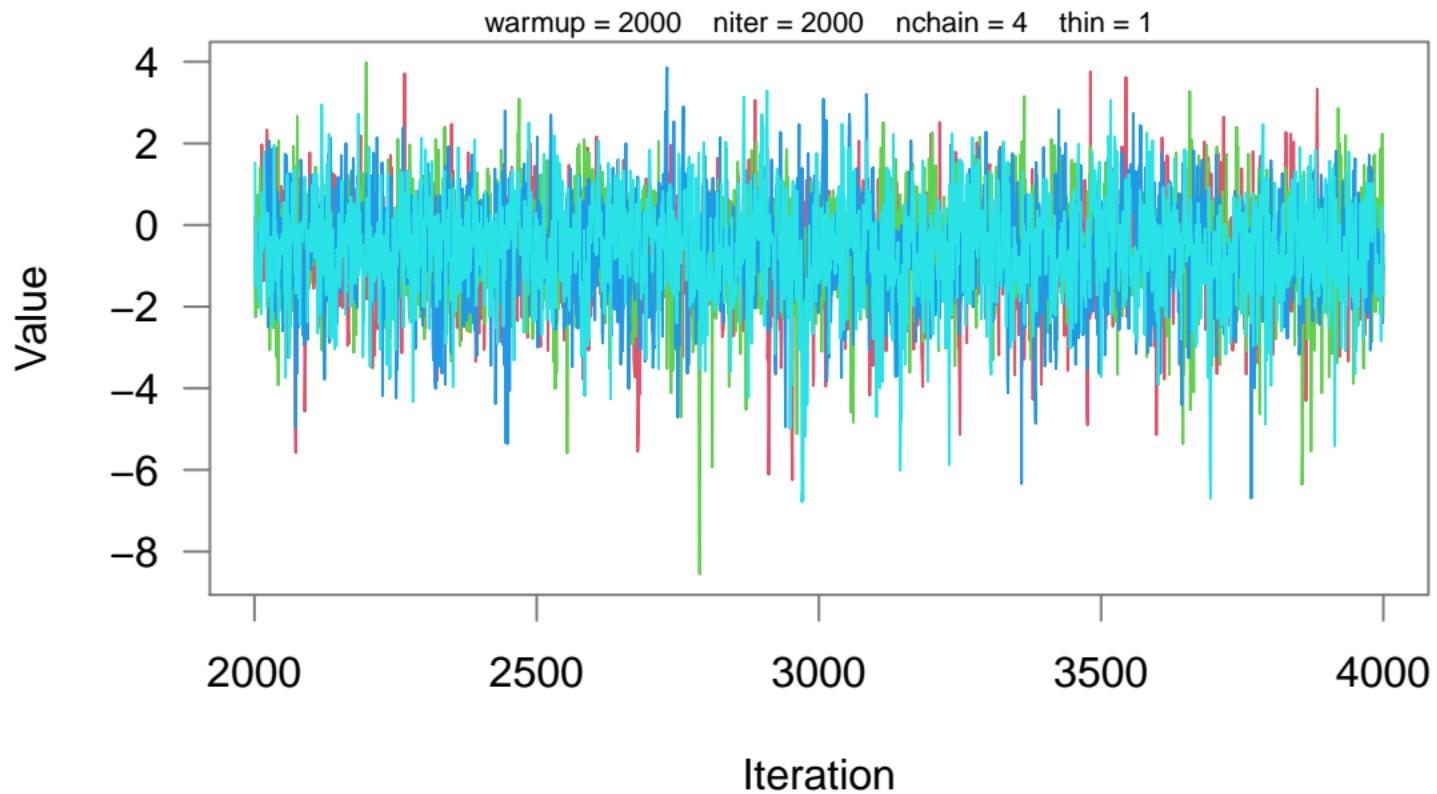


r_bay_fac:site_fac__zi[Cook_Bare.North,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

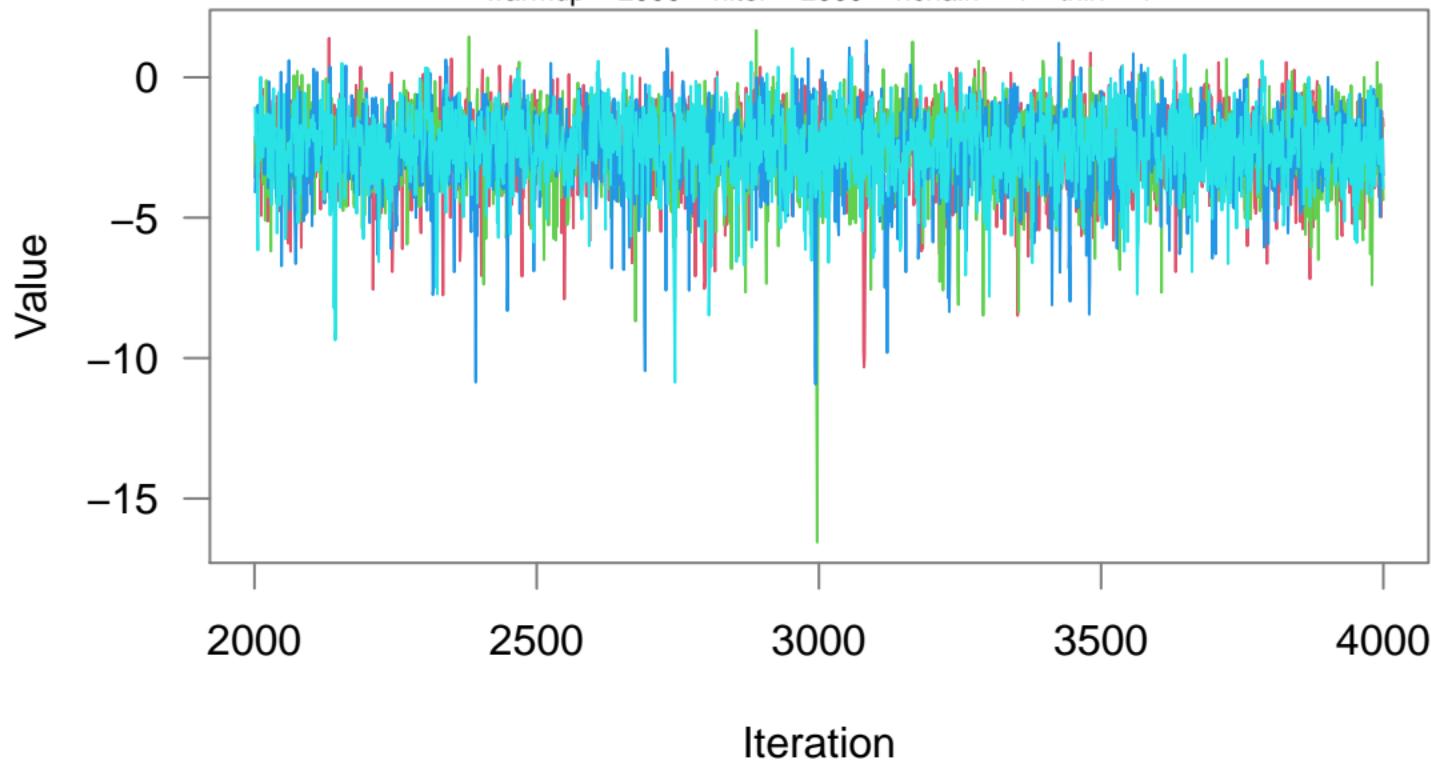


r_bay_fac:site_fac__zi[Cook_Eelgrass.North,Intercept]



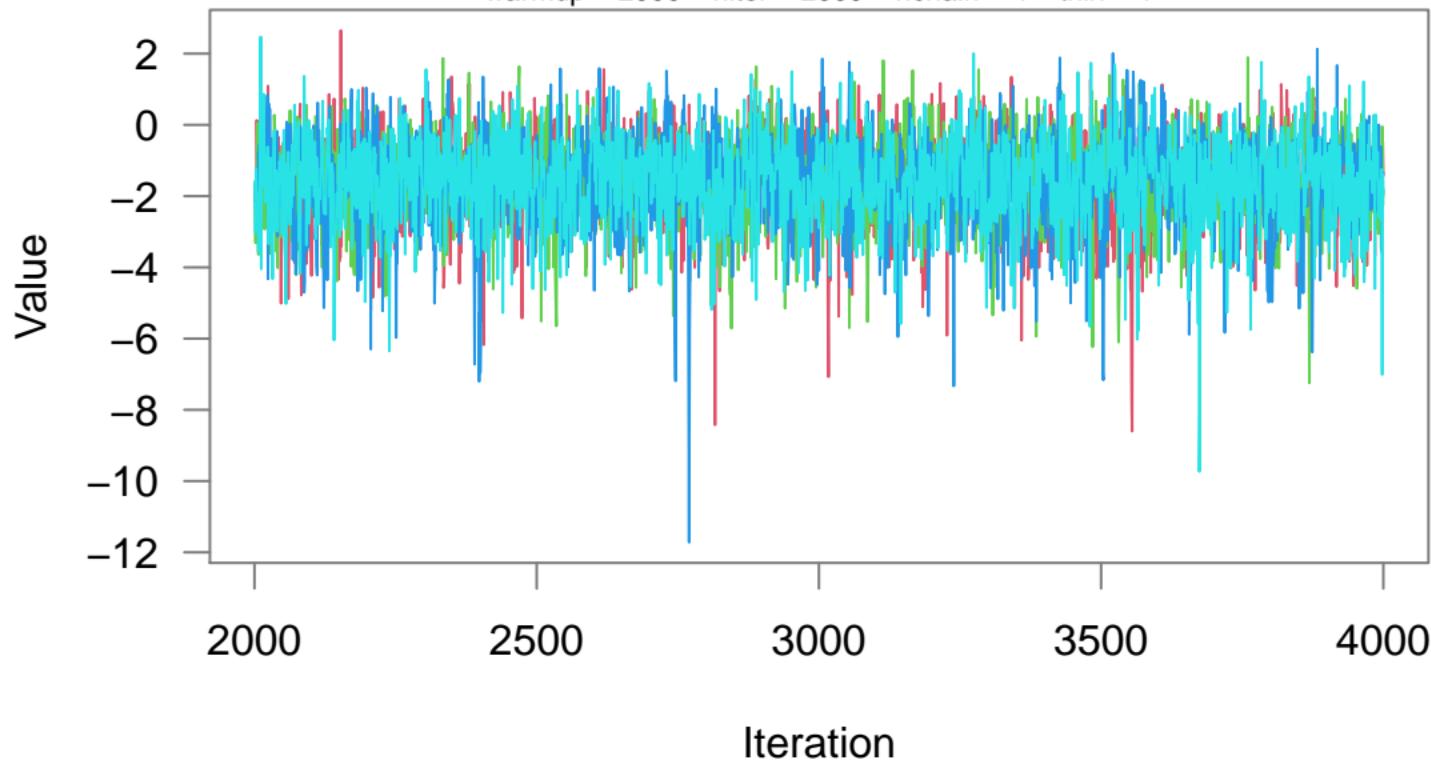
r_bay_fac:site_fac__zi[Cook_Eelgrass.South,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



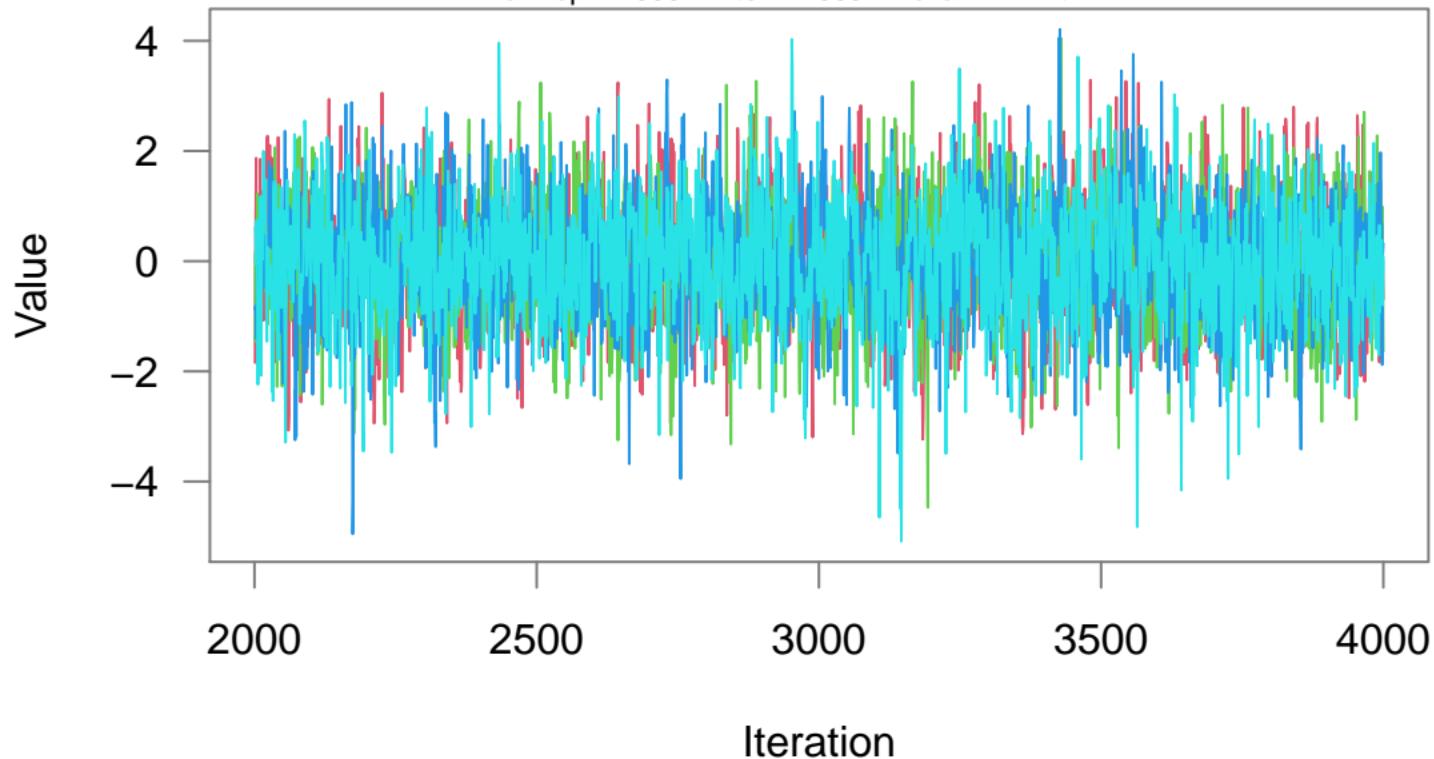
r_bay_fac:site_fac_zi[Cook_Eelgrass.West,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



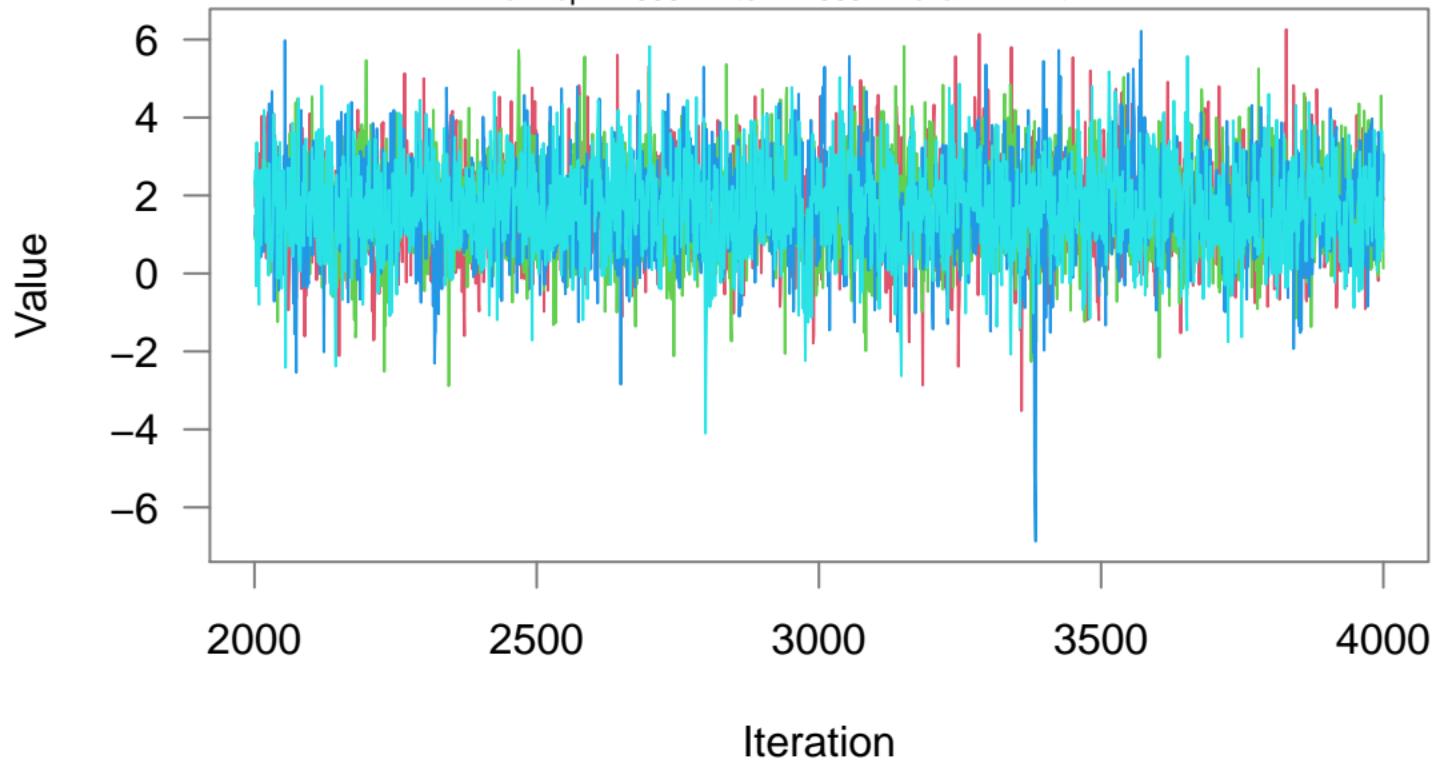
r_bay_fac:site_fac__zi[Cook_Laminaria.East,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



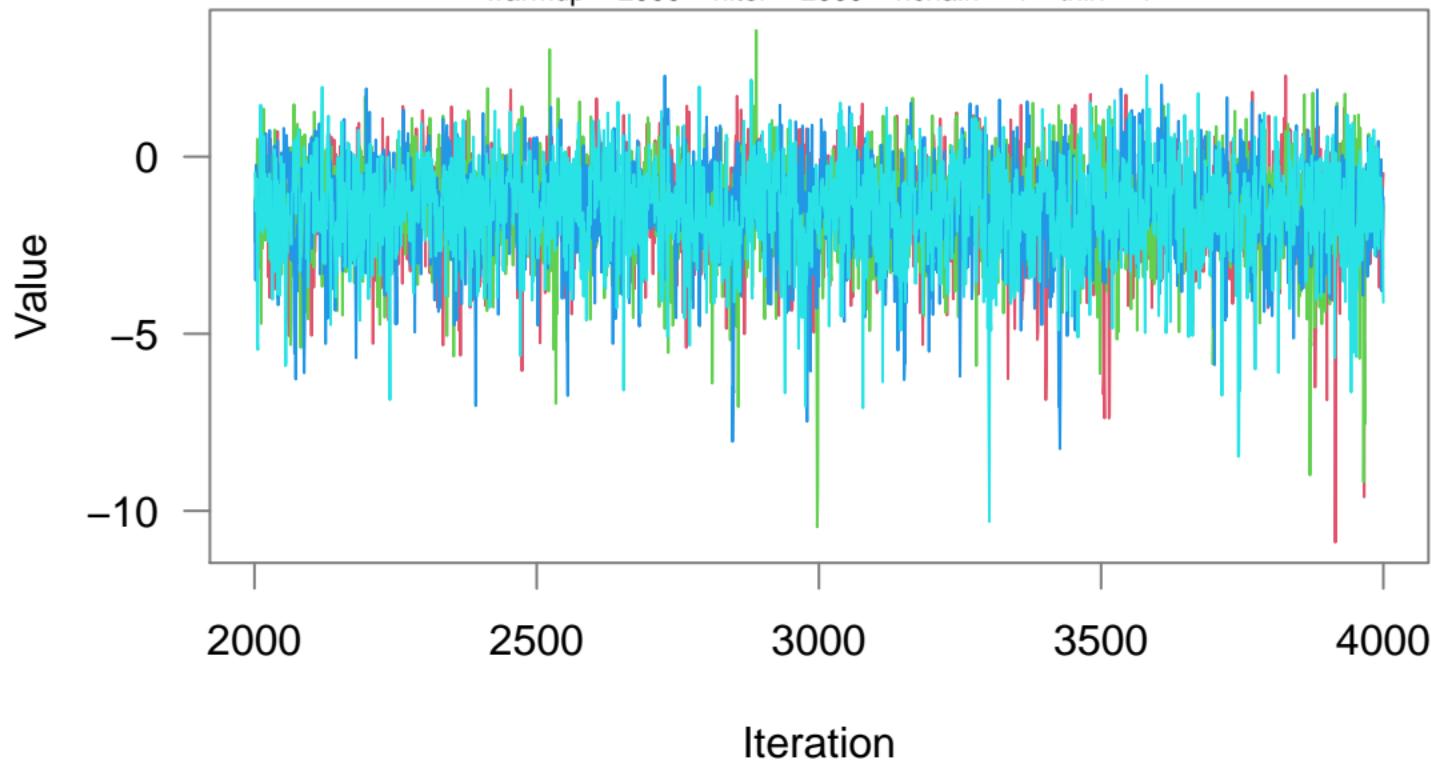
r_bay_fac:site_fac__zi[Cook_Laminaria.North,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

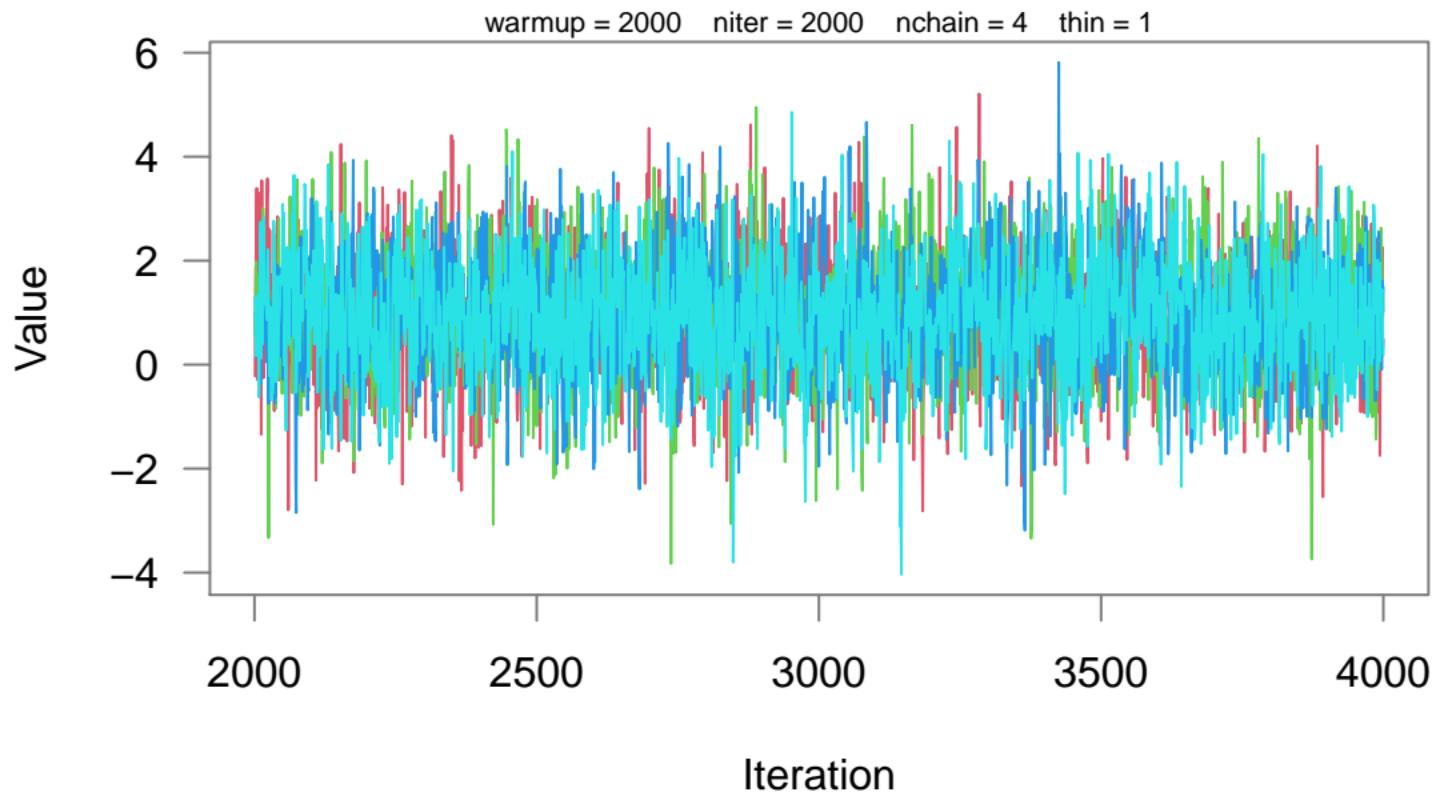


r_bay_fac:site_fac__zi[Cook_Laminaria.South,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

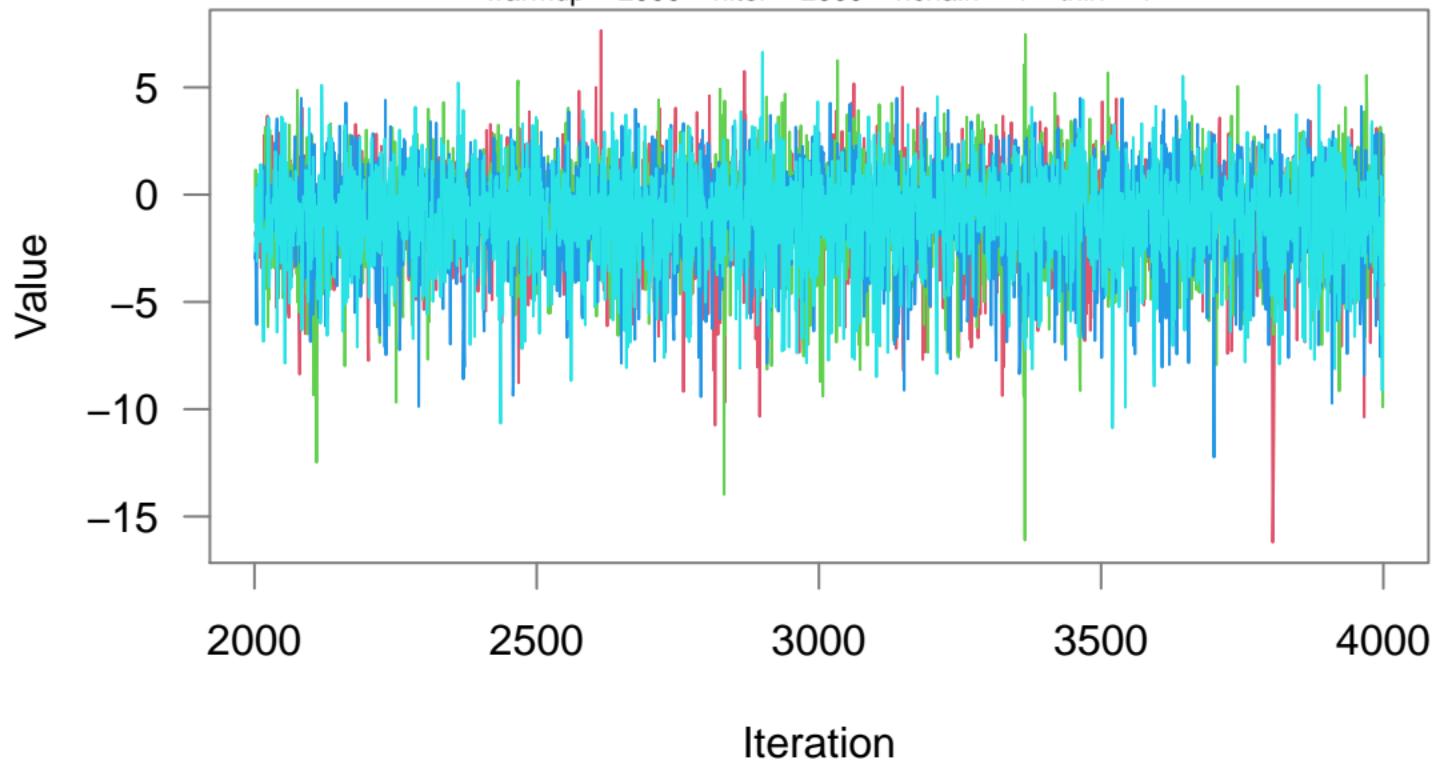


r_bay_fac:site_fac__zi[Cook_Middle.Cove,Intercept]



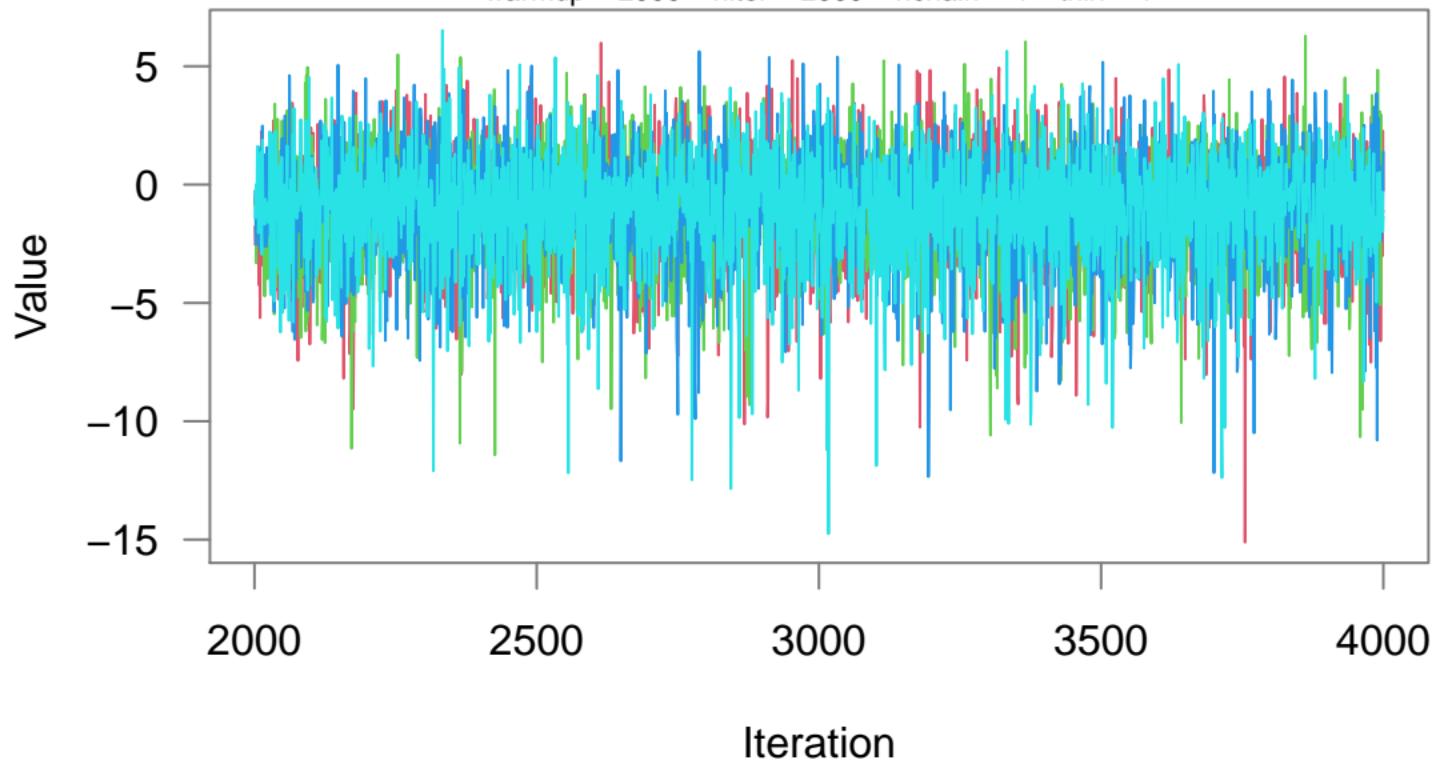
r_bay_fac:site_fac__zi[Mitrofania_Mit-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



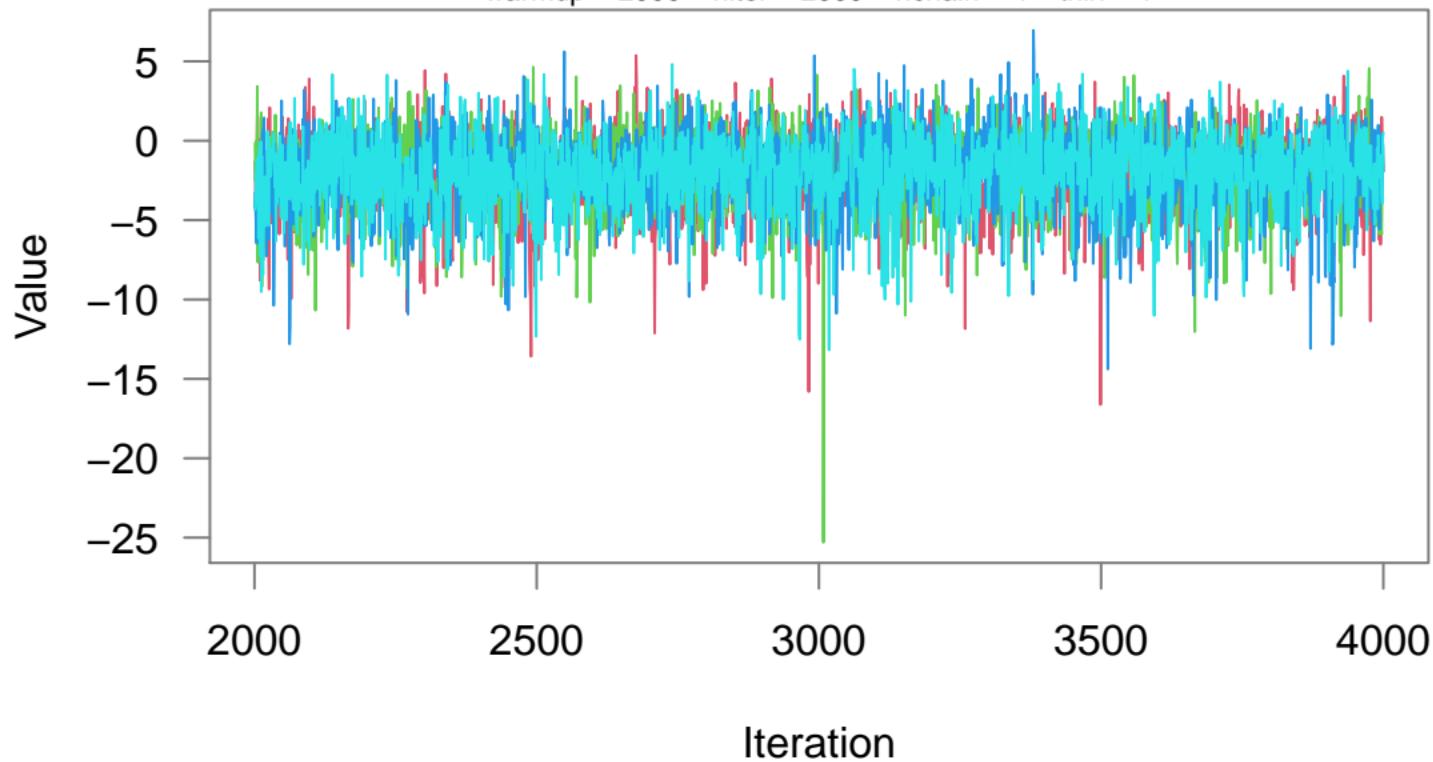
r_bay_fac:site_fac__zi[Mitrofania_Mit-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



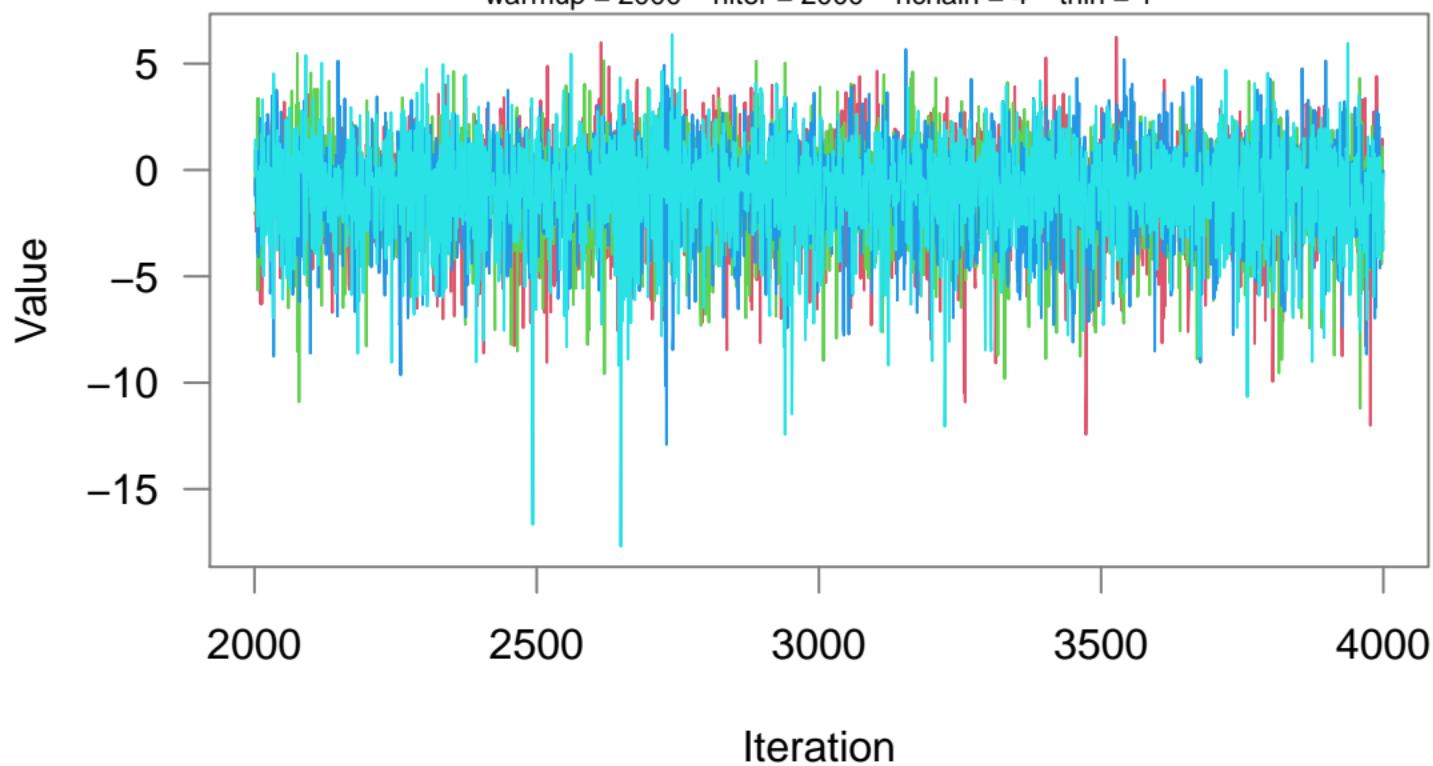
r_bay_fac:site_fac__zi[Mitrofania_Mit-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

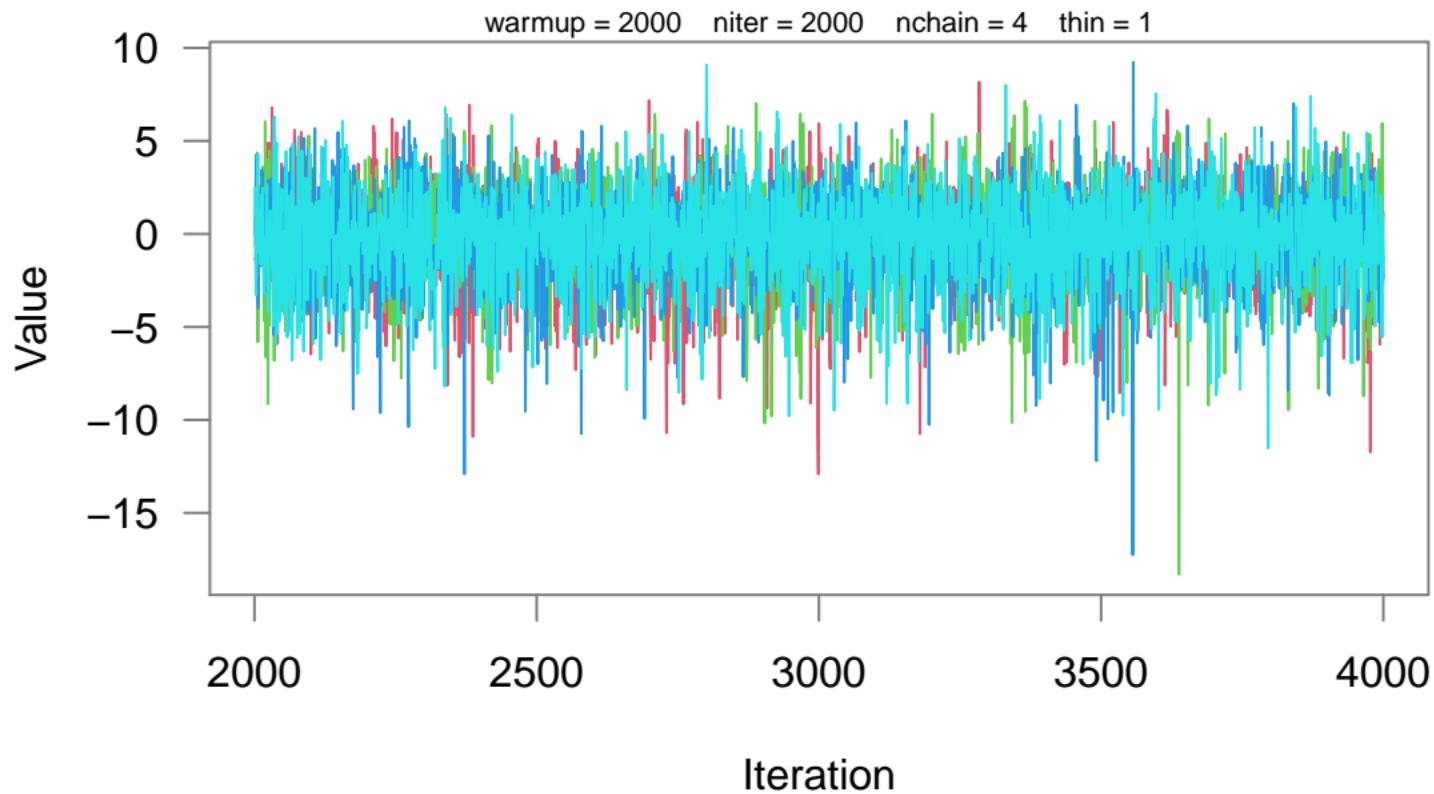


r_bay_fac:site_fac__zi[Mitrofania_Mit-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

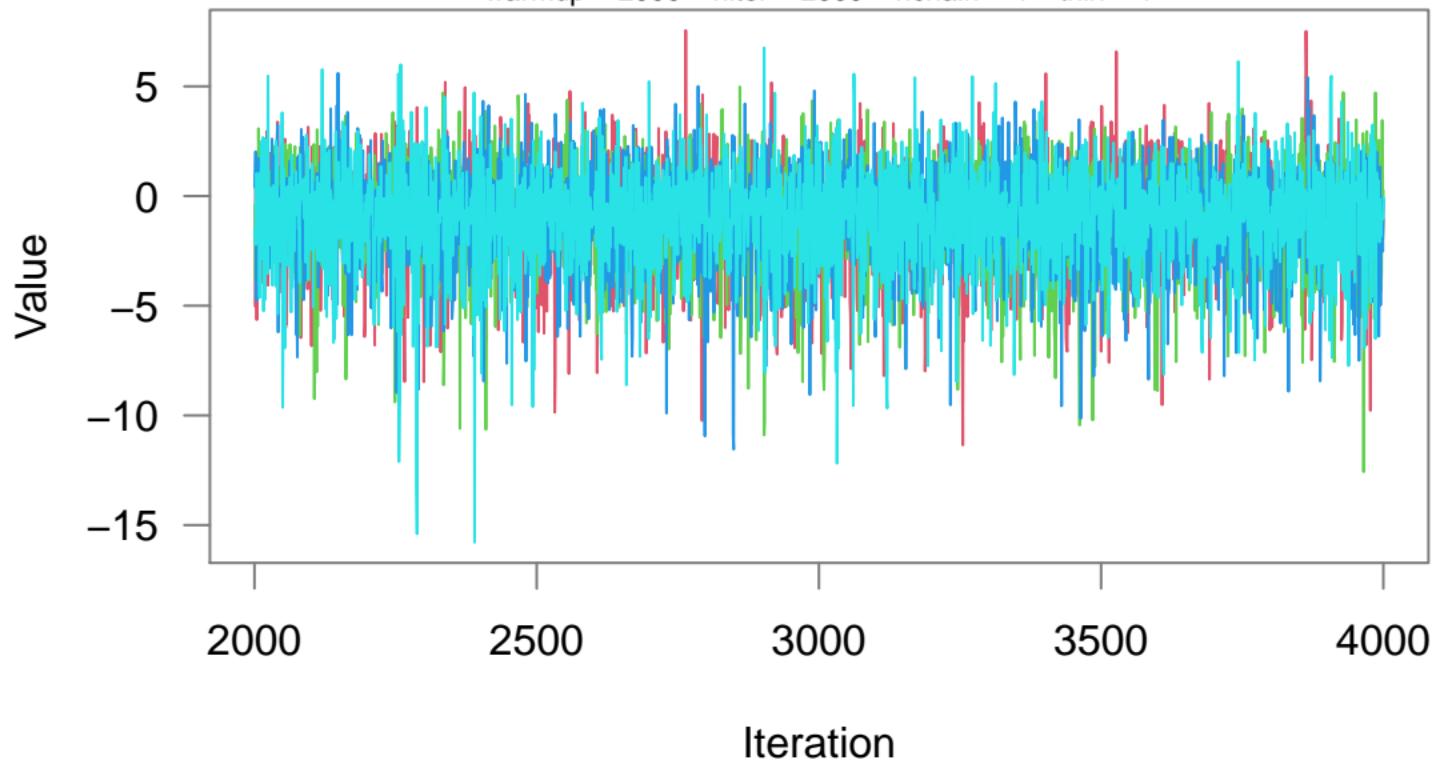


r_bay_fac:site_fac__zi[Mitrofania_Mit-5,Intercept]



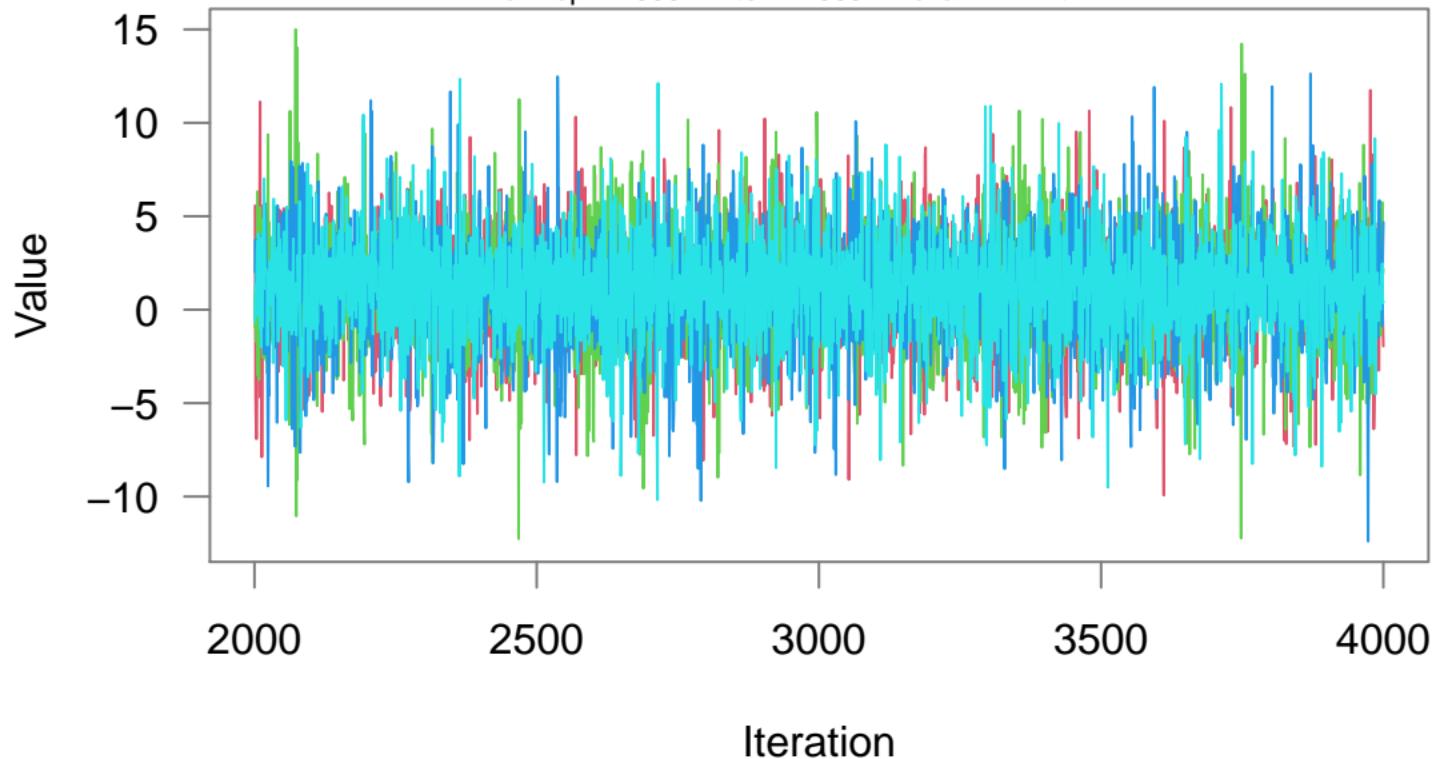
r_bay_fac:site_fac__zi[Mitrofania_Mit-6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



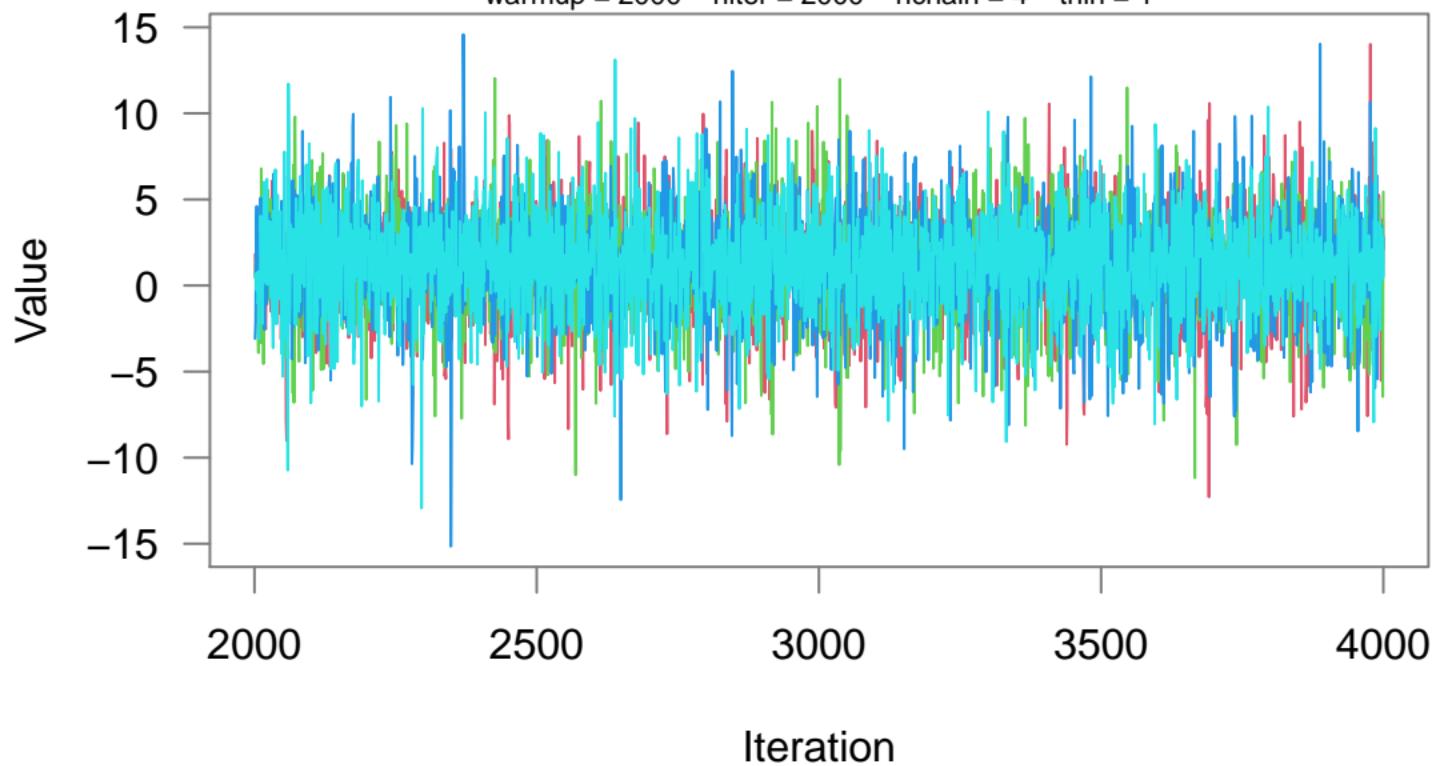
r_bay_fac:site_fac__zi[Mitrofania_Mitro-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



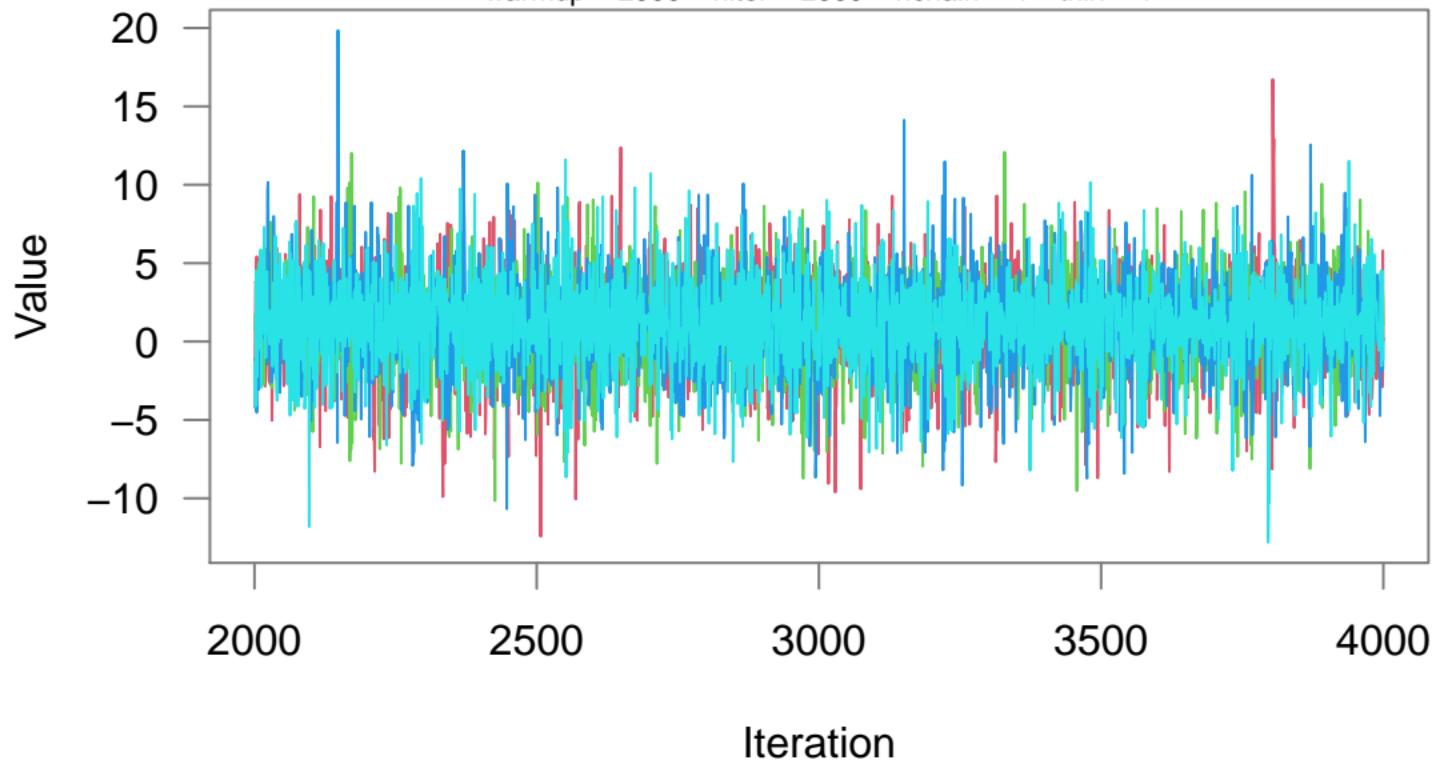
r_bay_fac:site_fac__zi[Mitrofania_Mitro-2,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



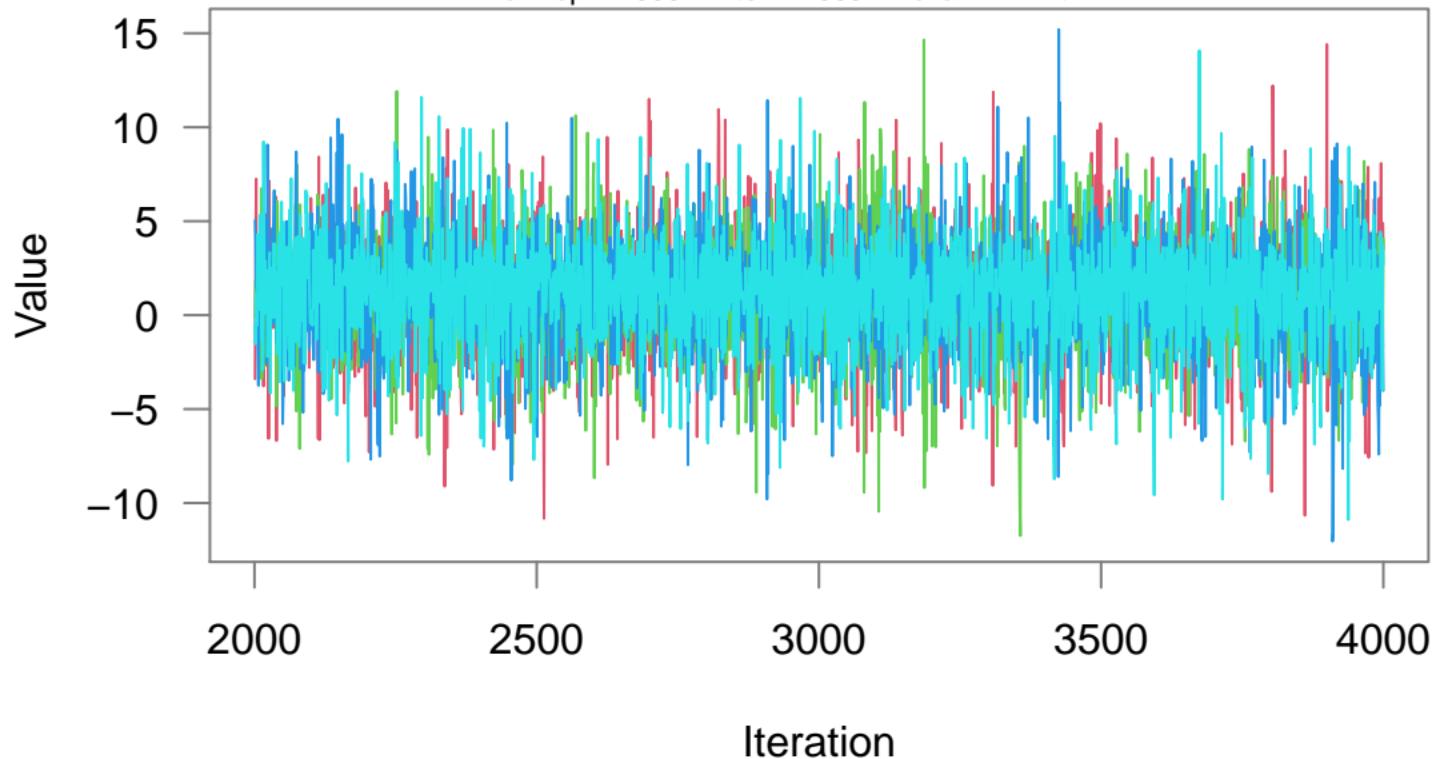
r_bay_fac:site_fac__zi[Mitrofania_Mitro-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



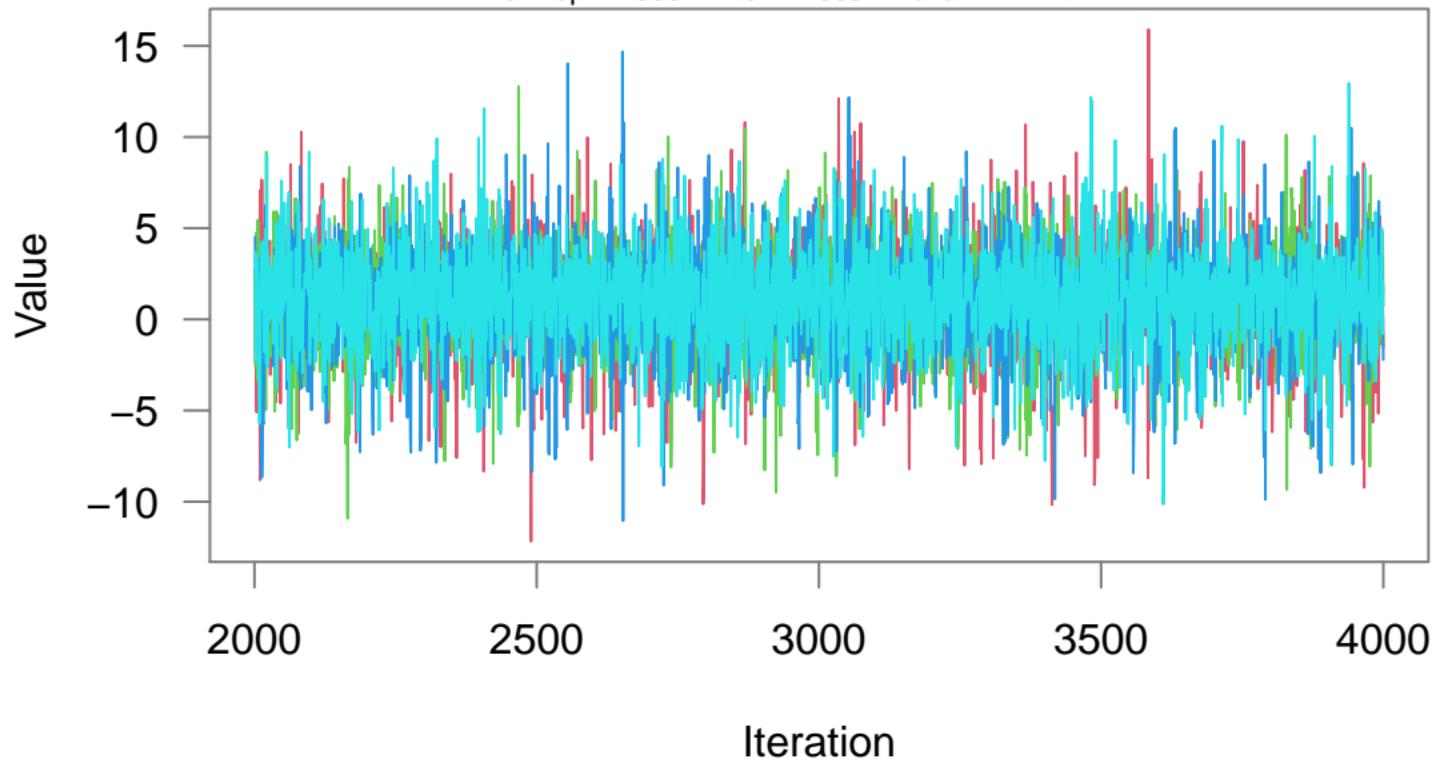
r_bay_fac:site_fac__zi[Mitrofania_Mitro-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



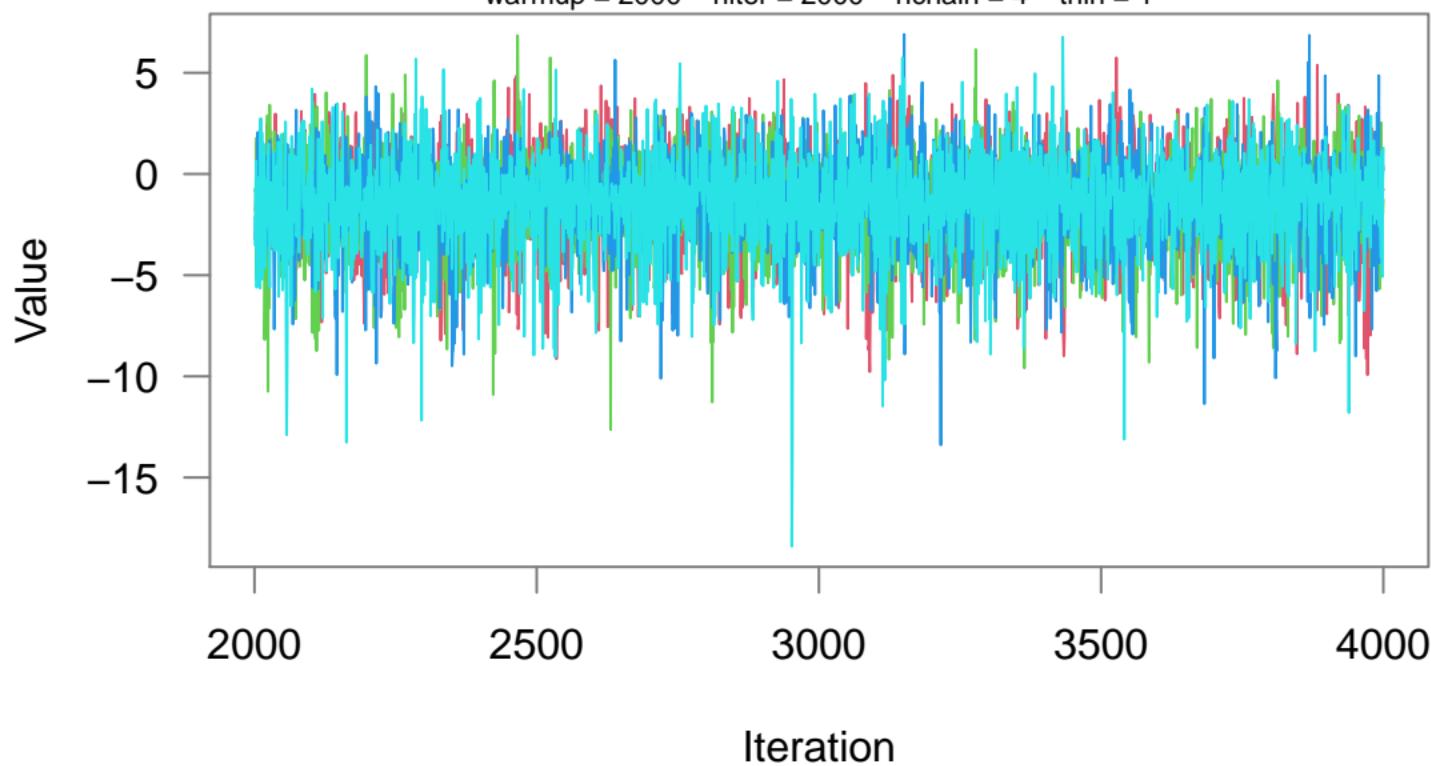
r_bay_fac:site_fac__zi[Mitrofania_Mitro-5,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



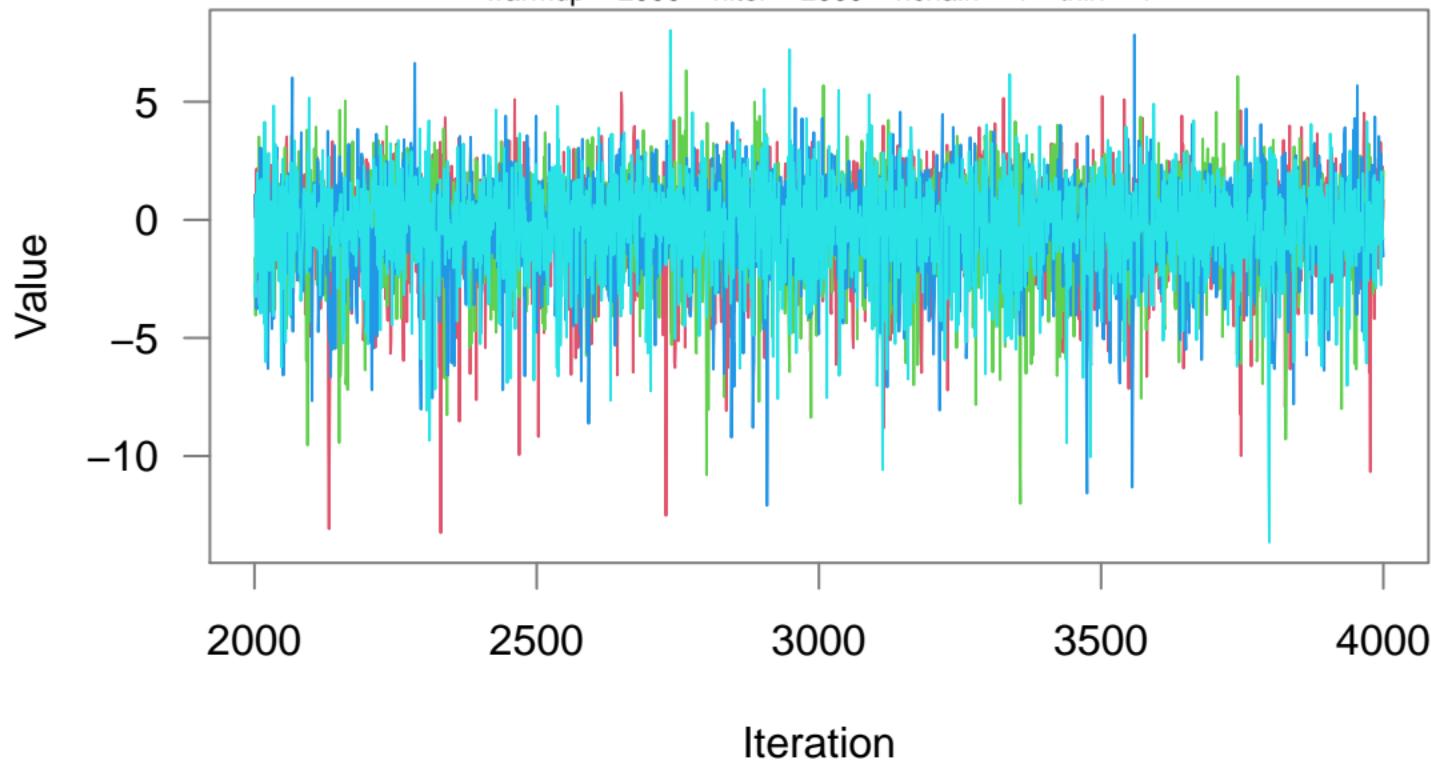
r_bay_fac:site_fac__zi[Mitrofania_Mitro-6,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

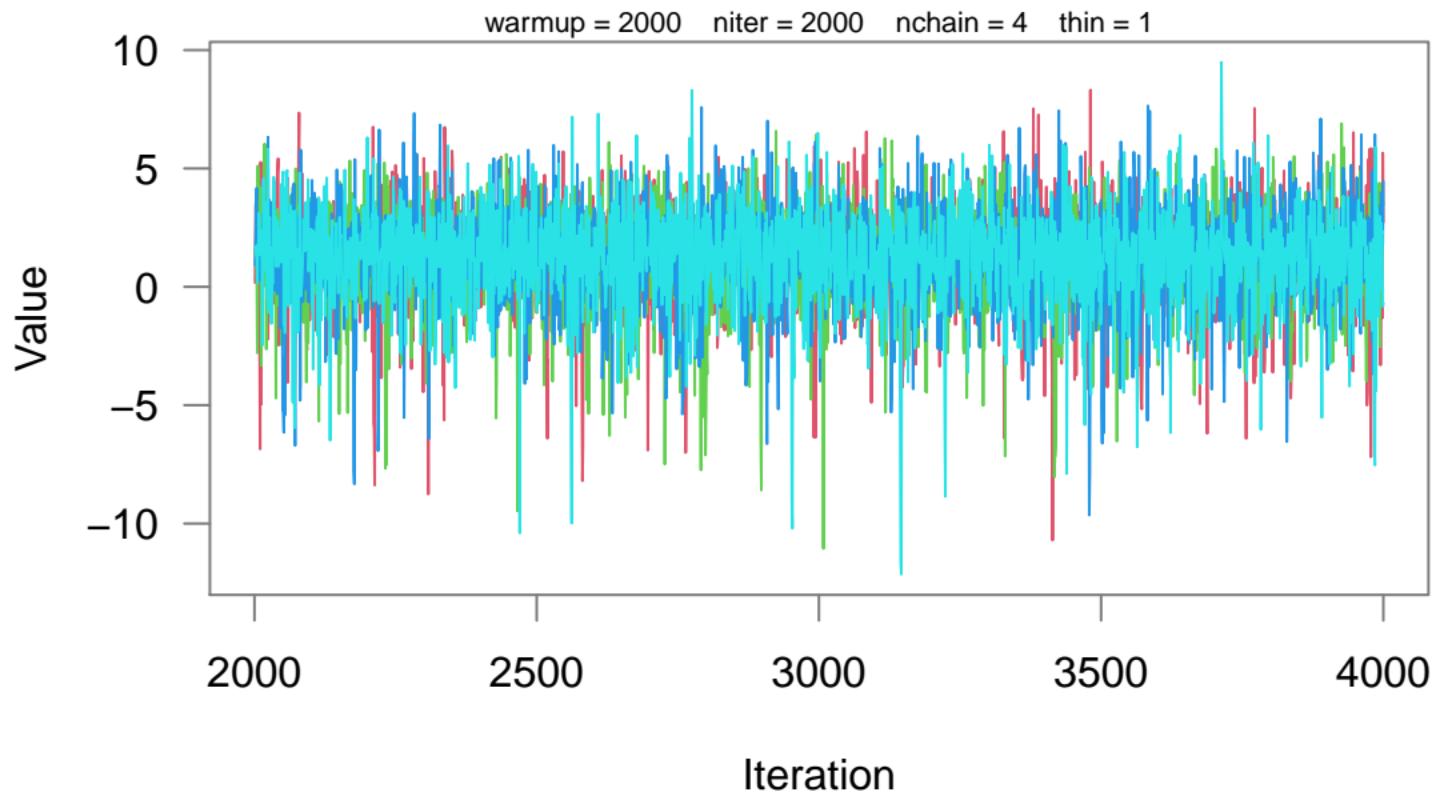


r_bay_fac:site_fac_zi[Port.Wrangell_PW-1,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

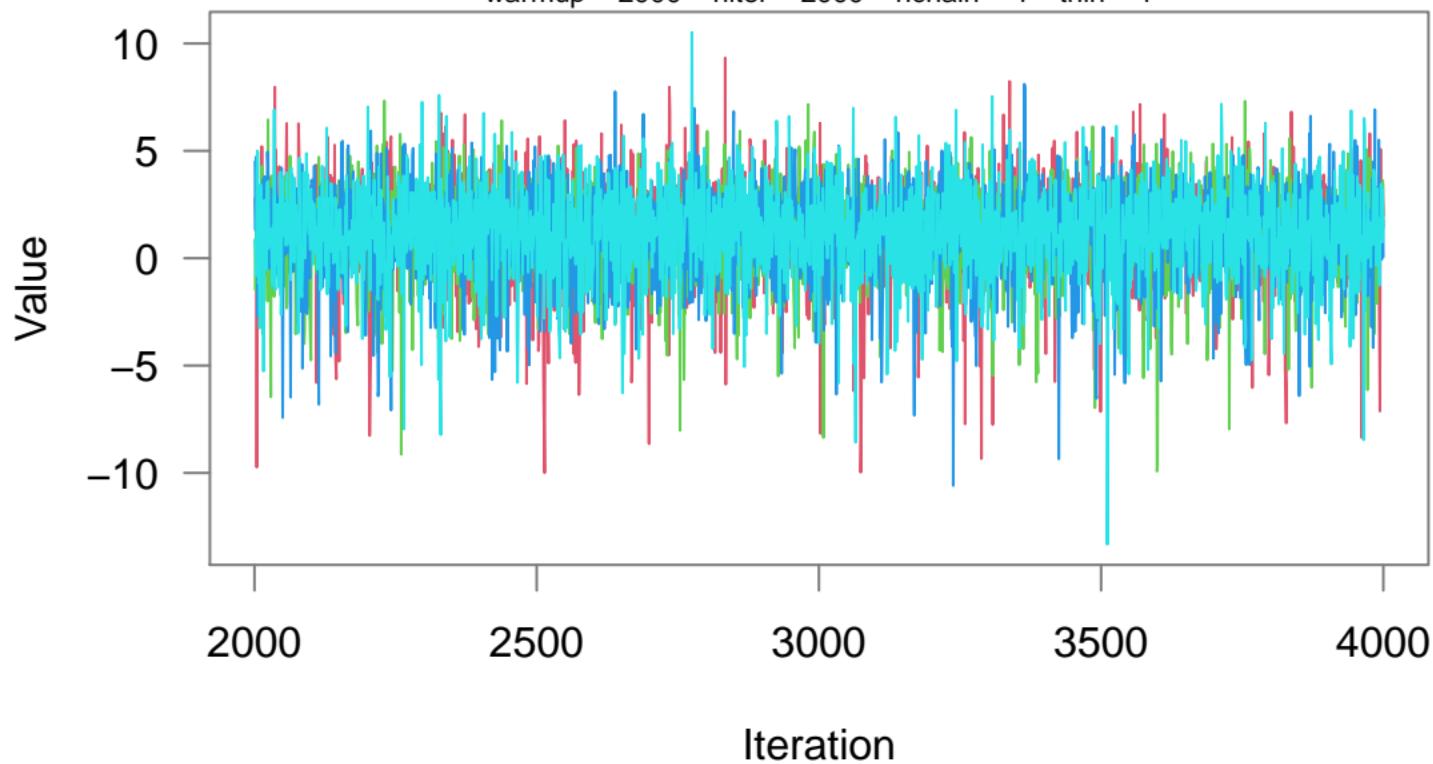


r_bay_fac:site_fac_zi[Port.Wrangell_PW-2,Intercept]



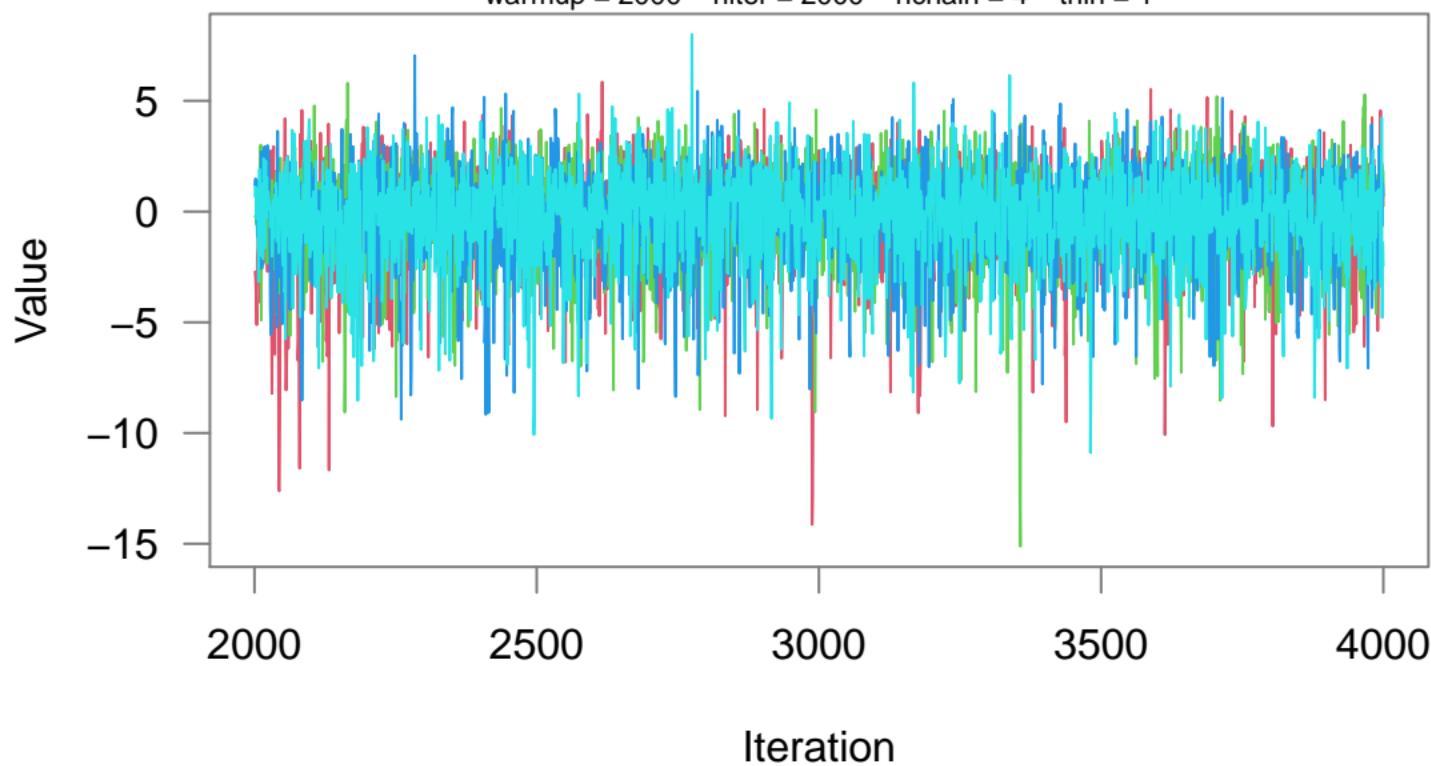
r_bay_fac:site_fac_zi[Port.Wrangell_PW-3,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



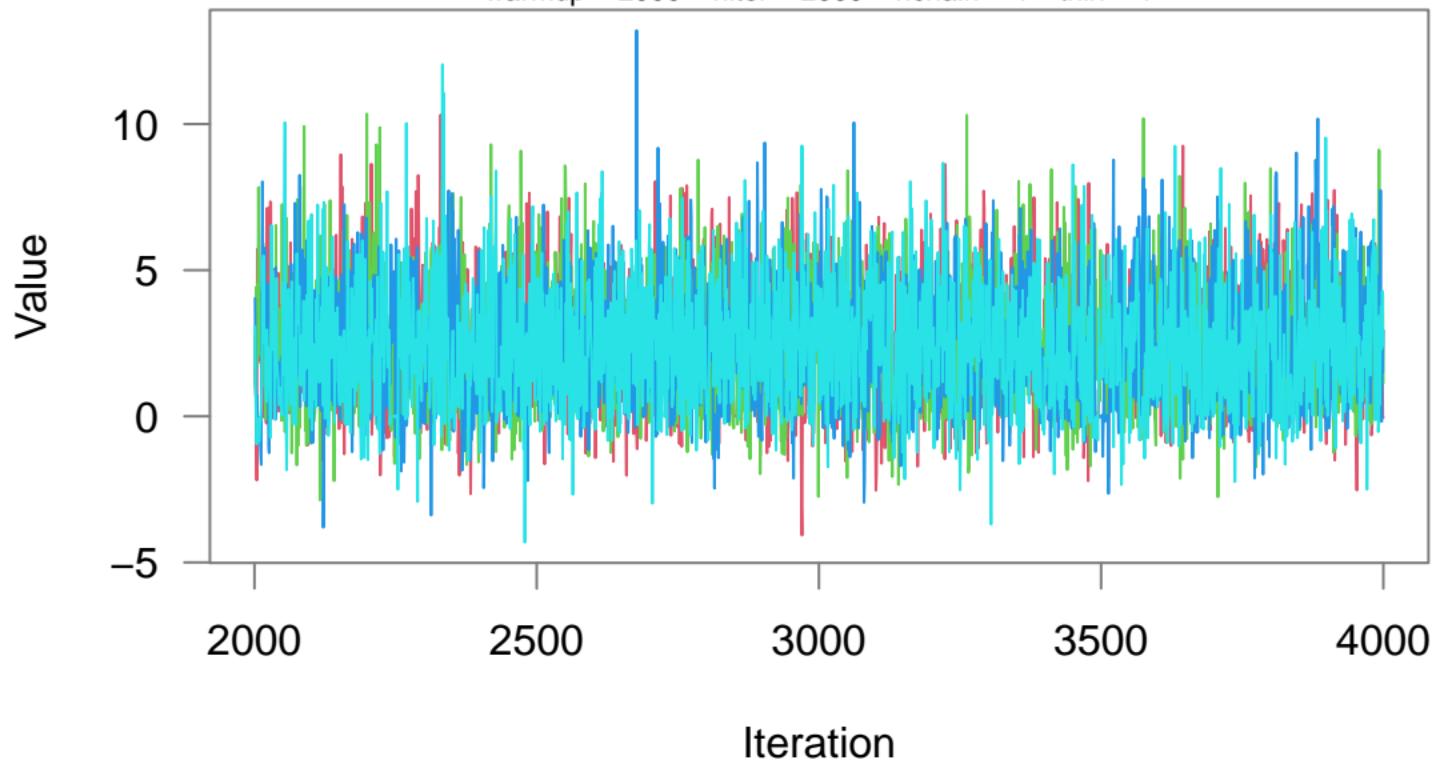
r_bay_fac:site_fac_zi[Port.Wrangell_PW-4,Intercept]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



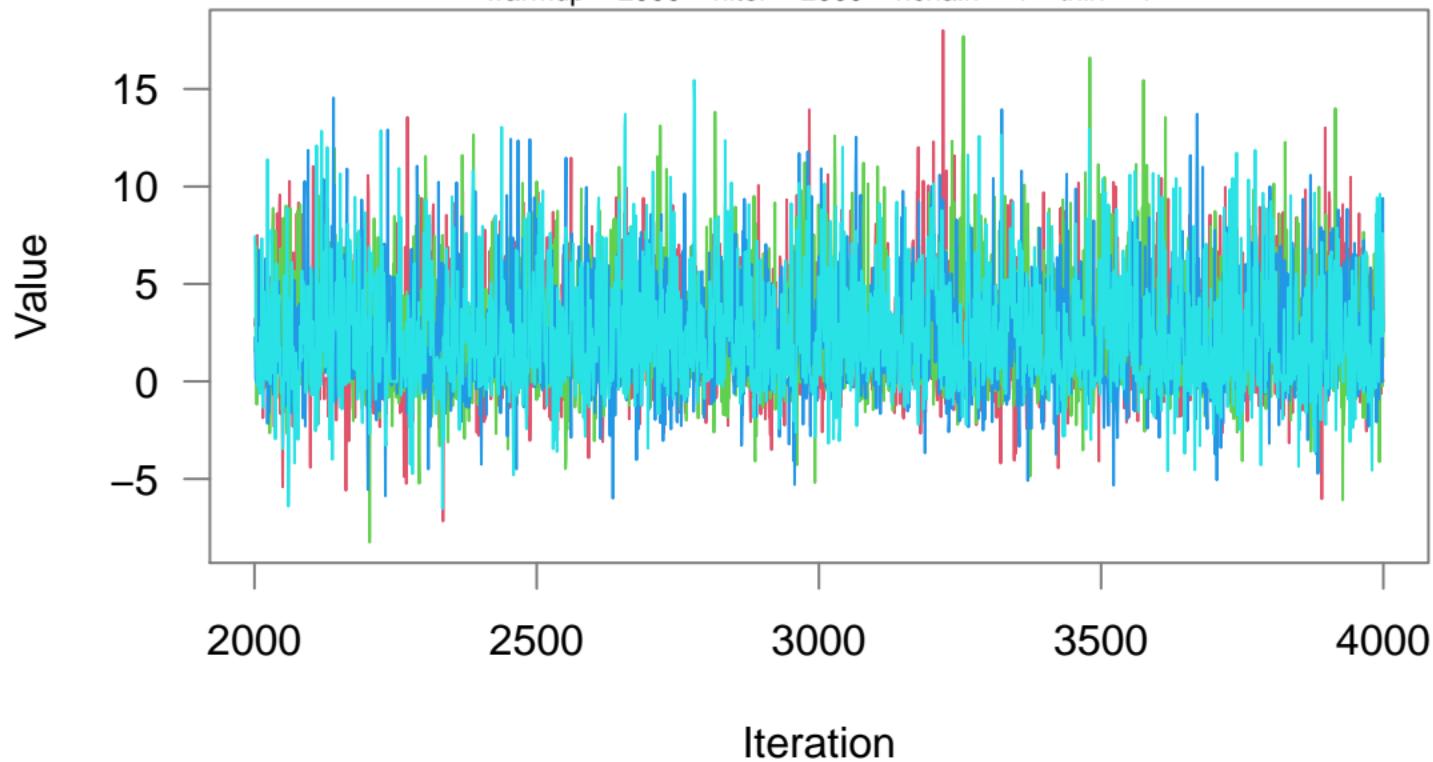
s_sjulian_1[1]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



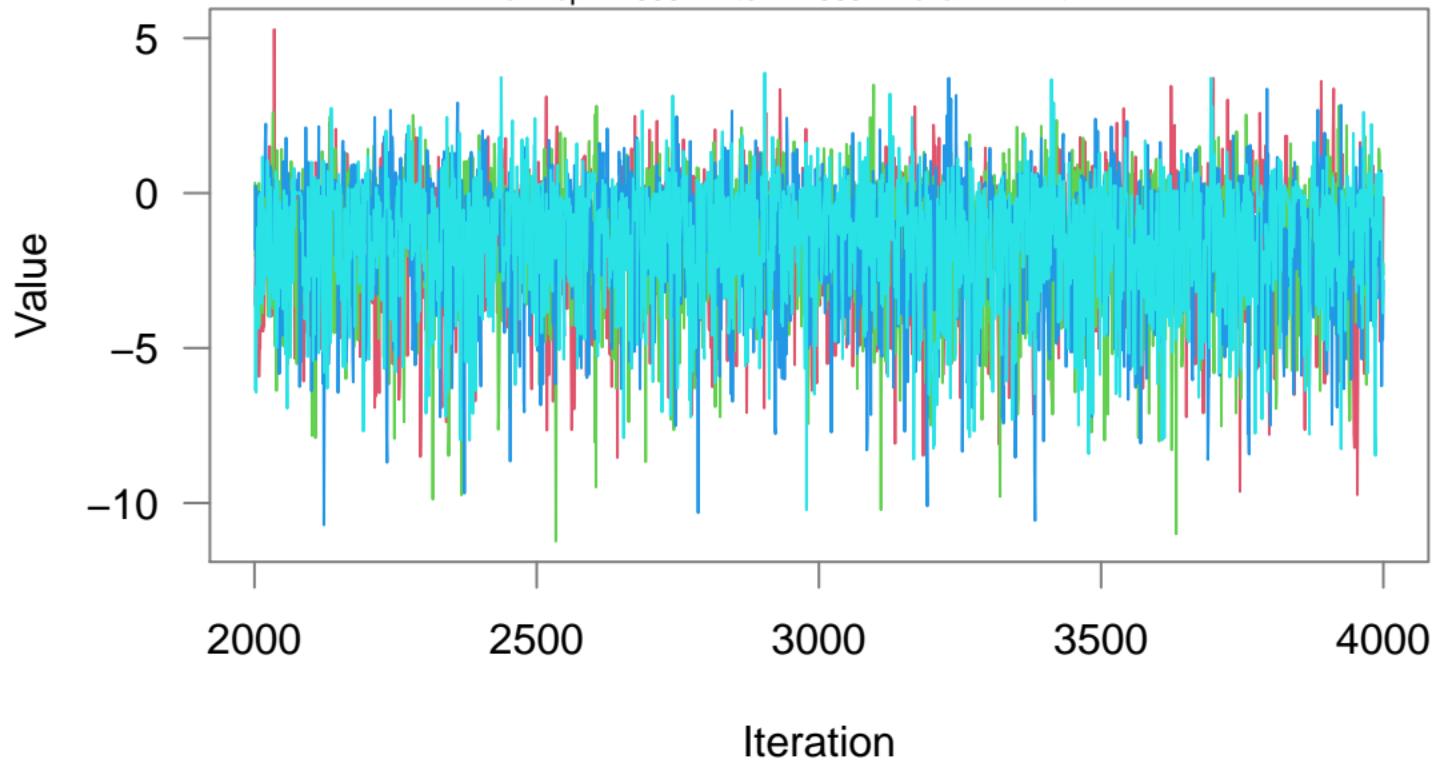
s_sjulian_1[2]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



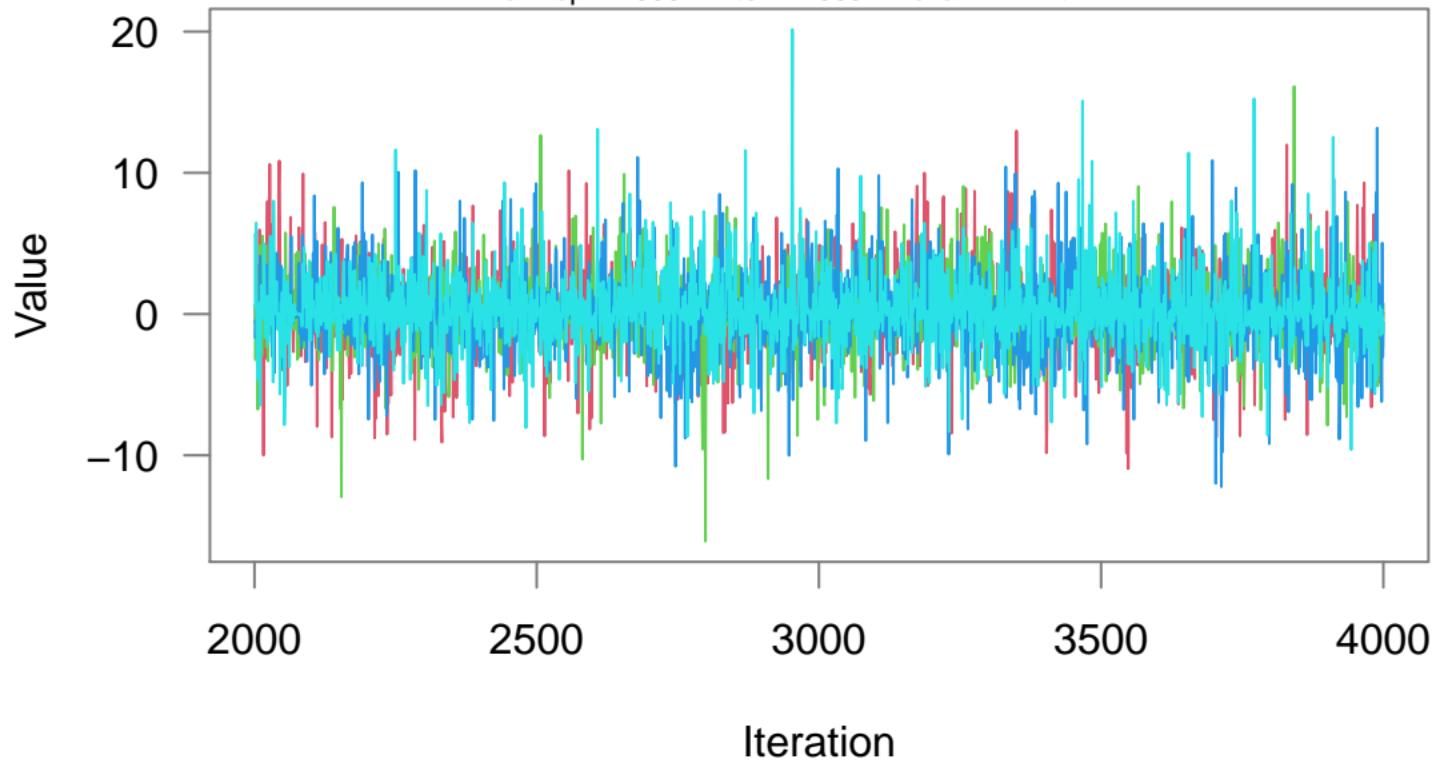
s_zi_sjulian_1[1]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



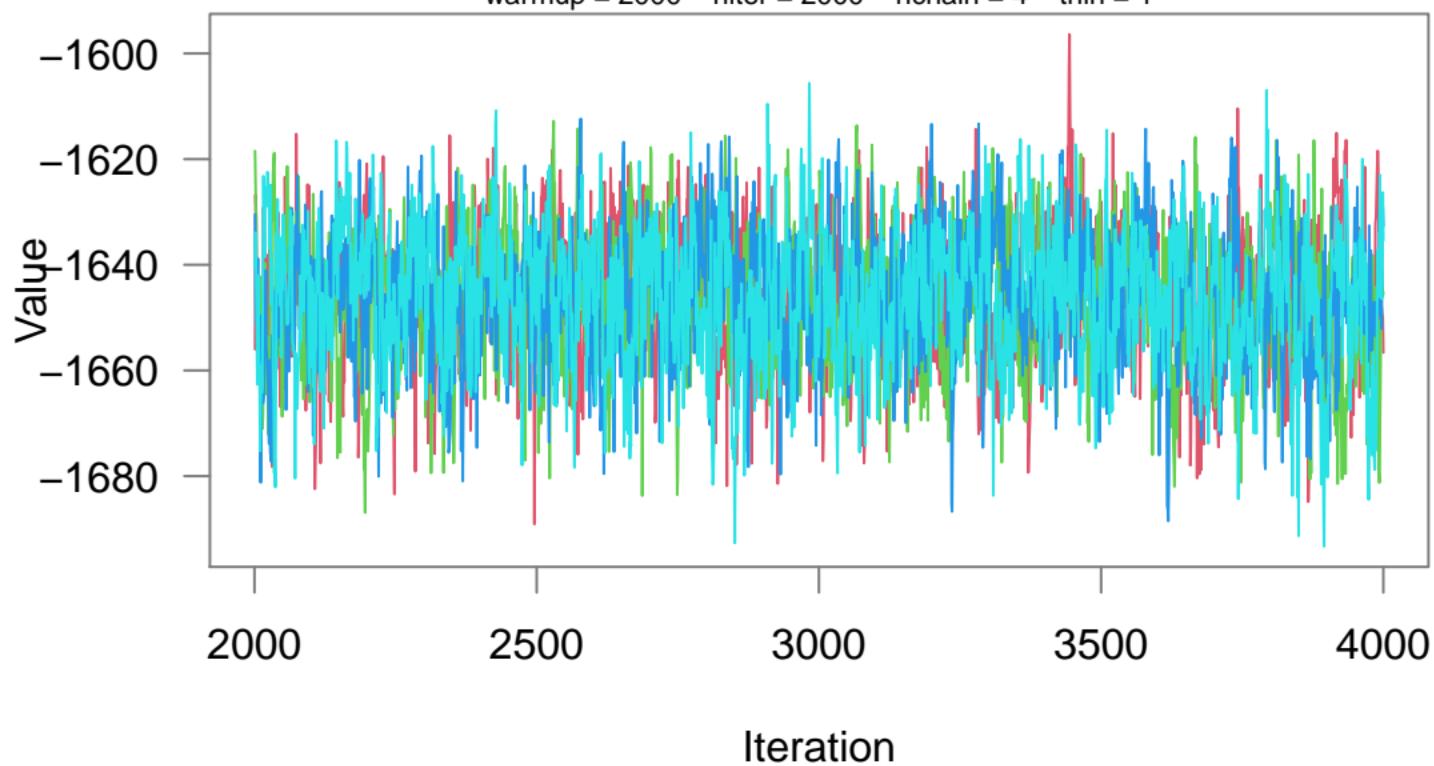
s_zi_sjulian_1[2]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



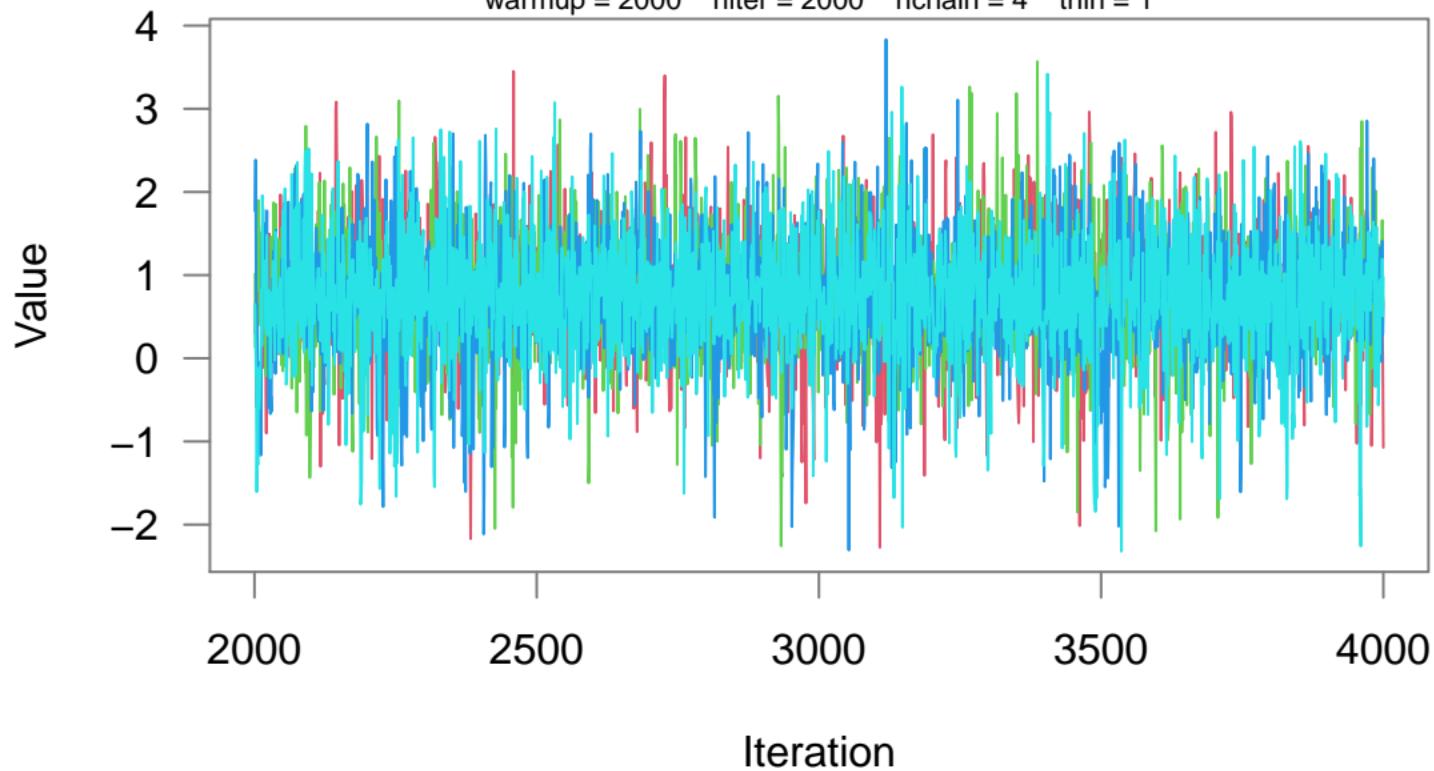
lp_

warmup = 2000 niter = 2000 nchain = 4 thin = 1



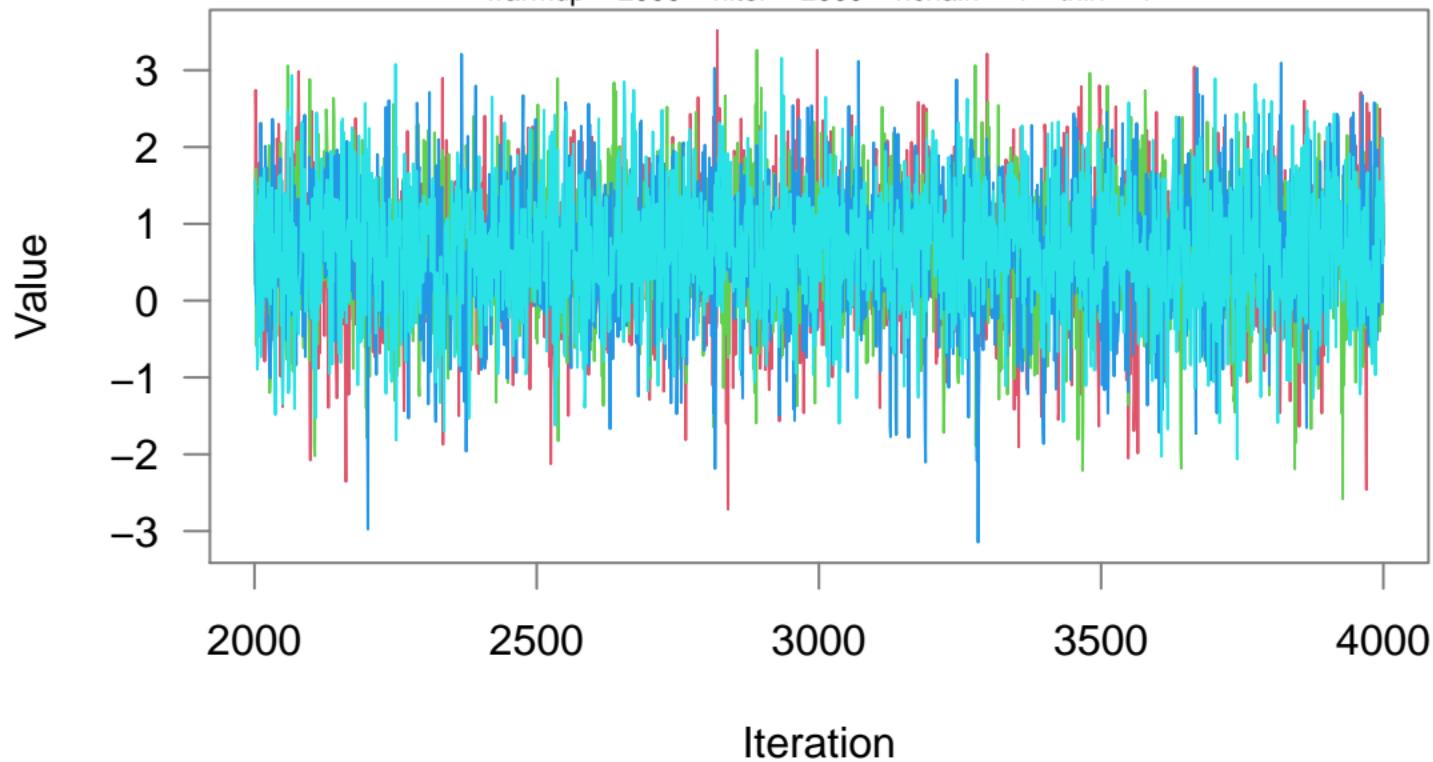
zs_1_1[1]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



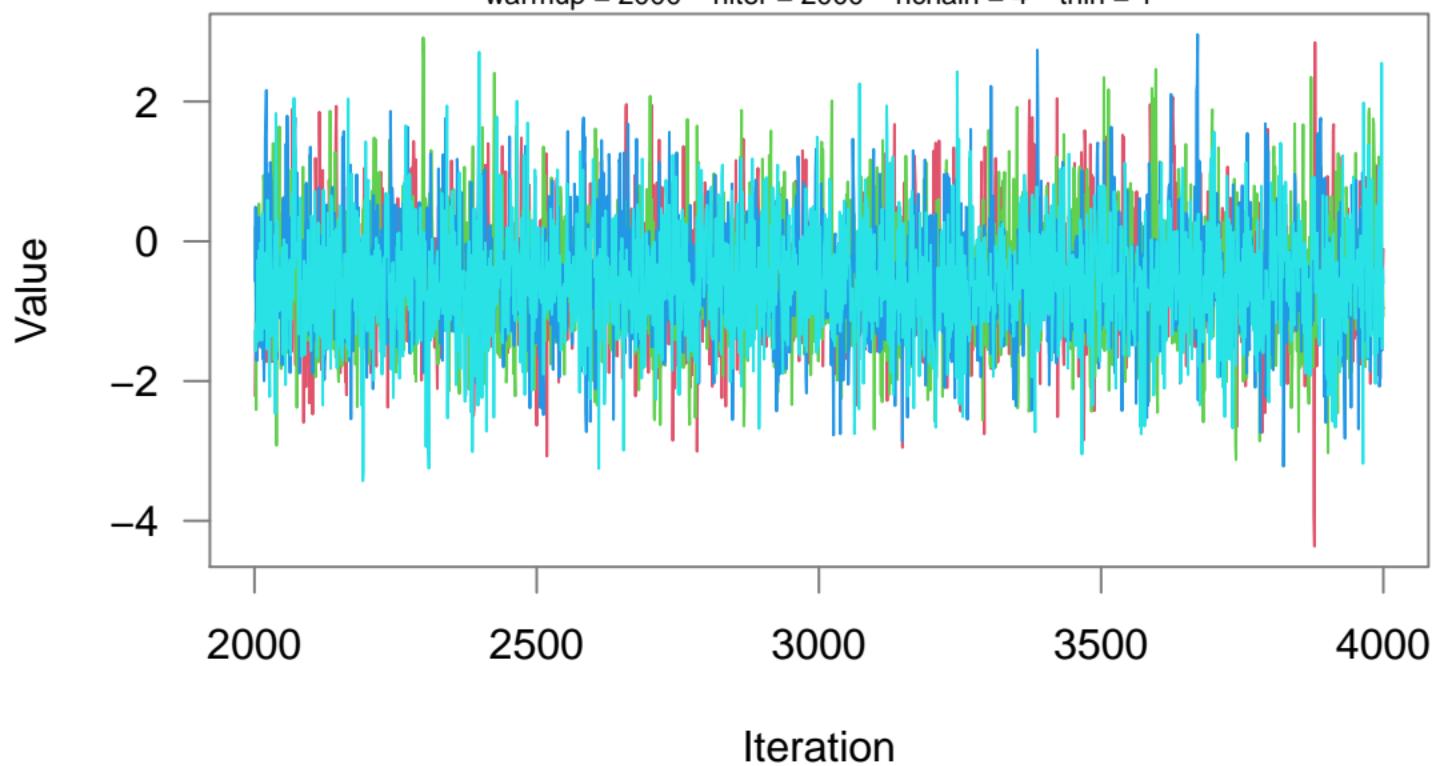
zs_1_1[2]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



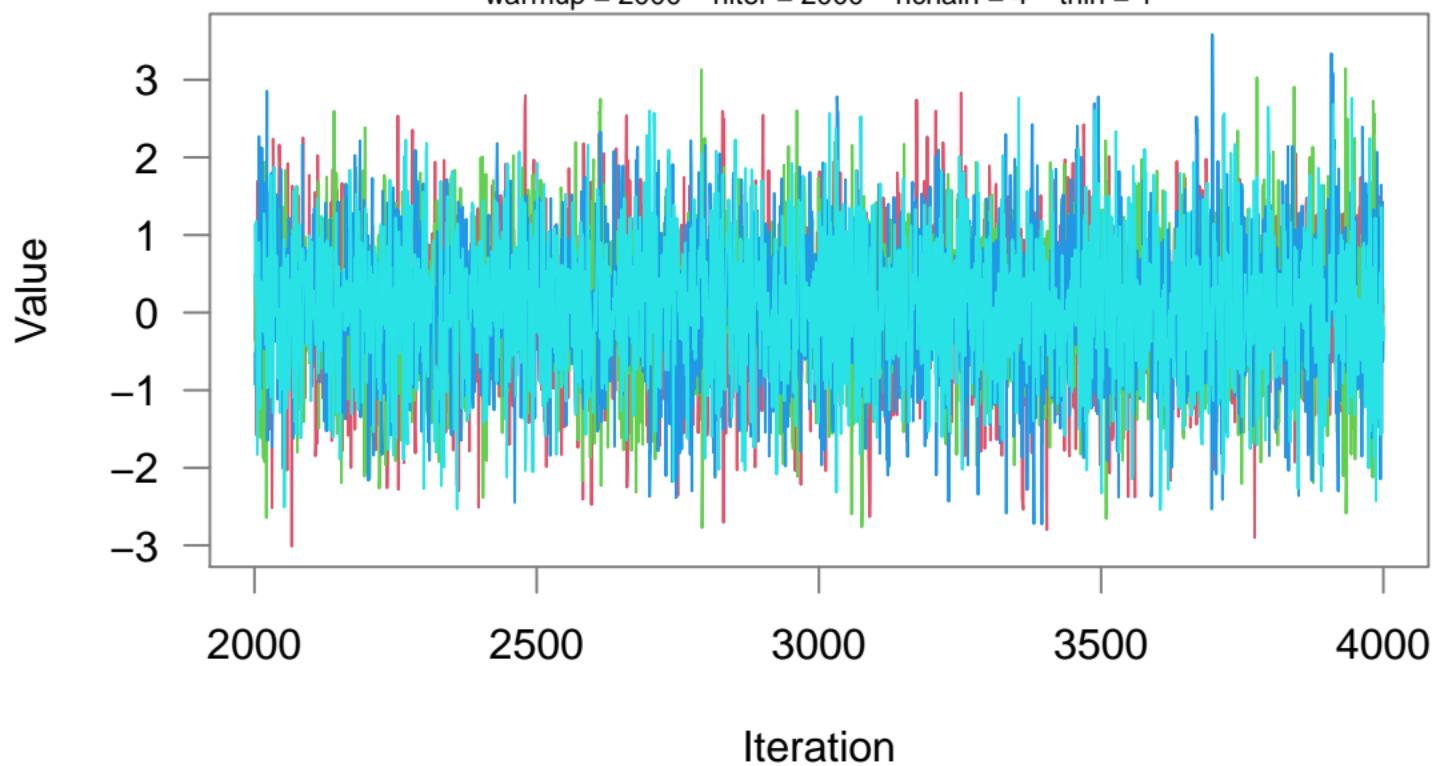
zs_zi_1_1[1]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



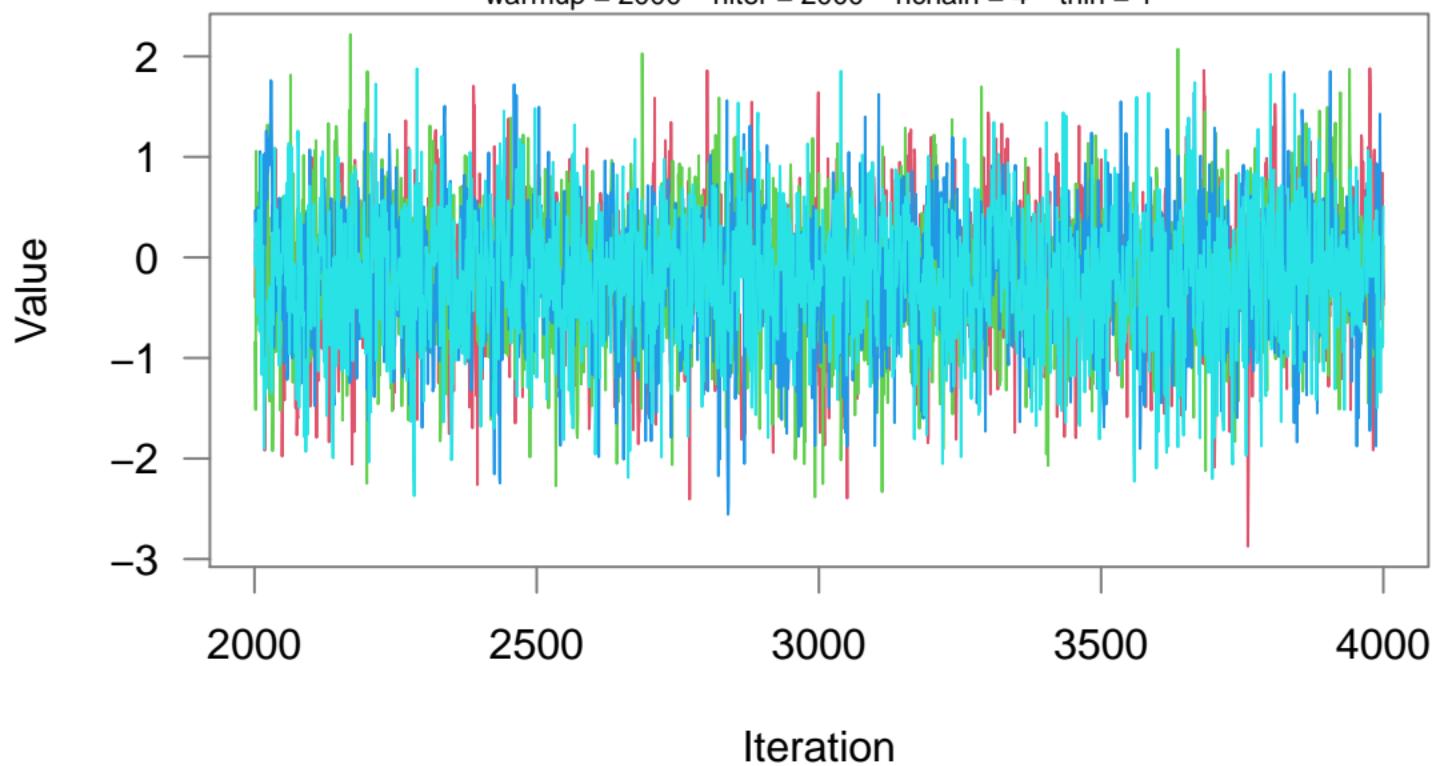
zs_zi_1_1[2]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



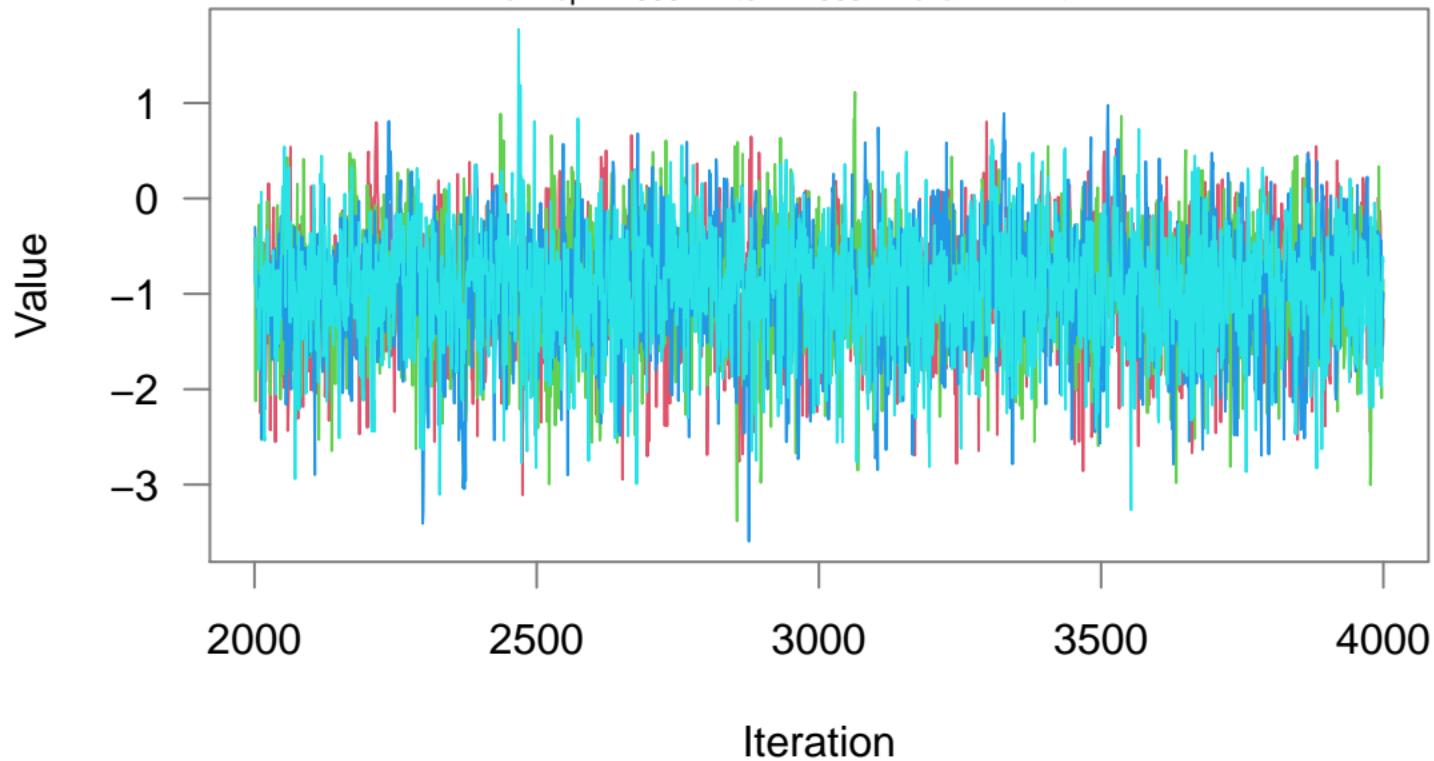
$z_{-1}[1,1]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



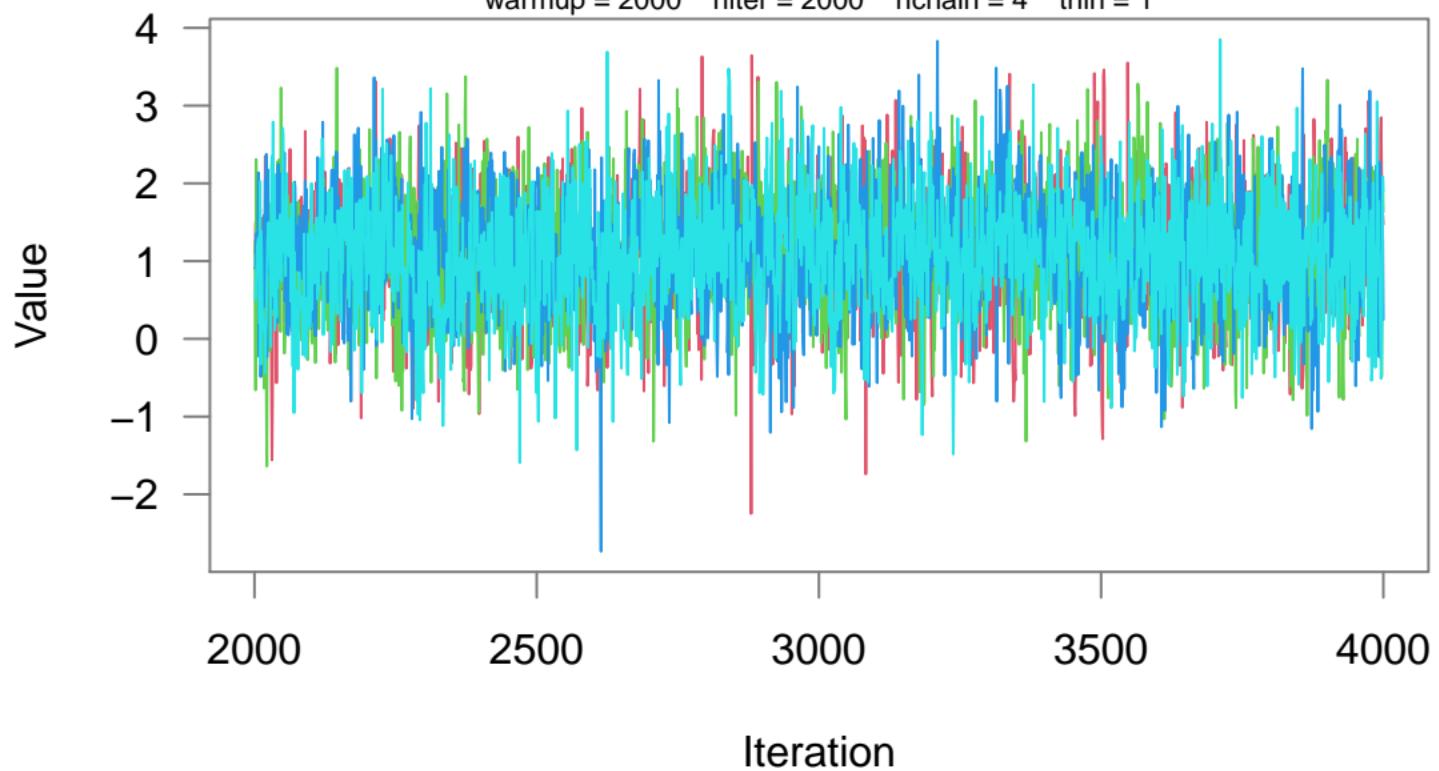
$z_{-1}[1,2]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



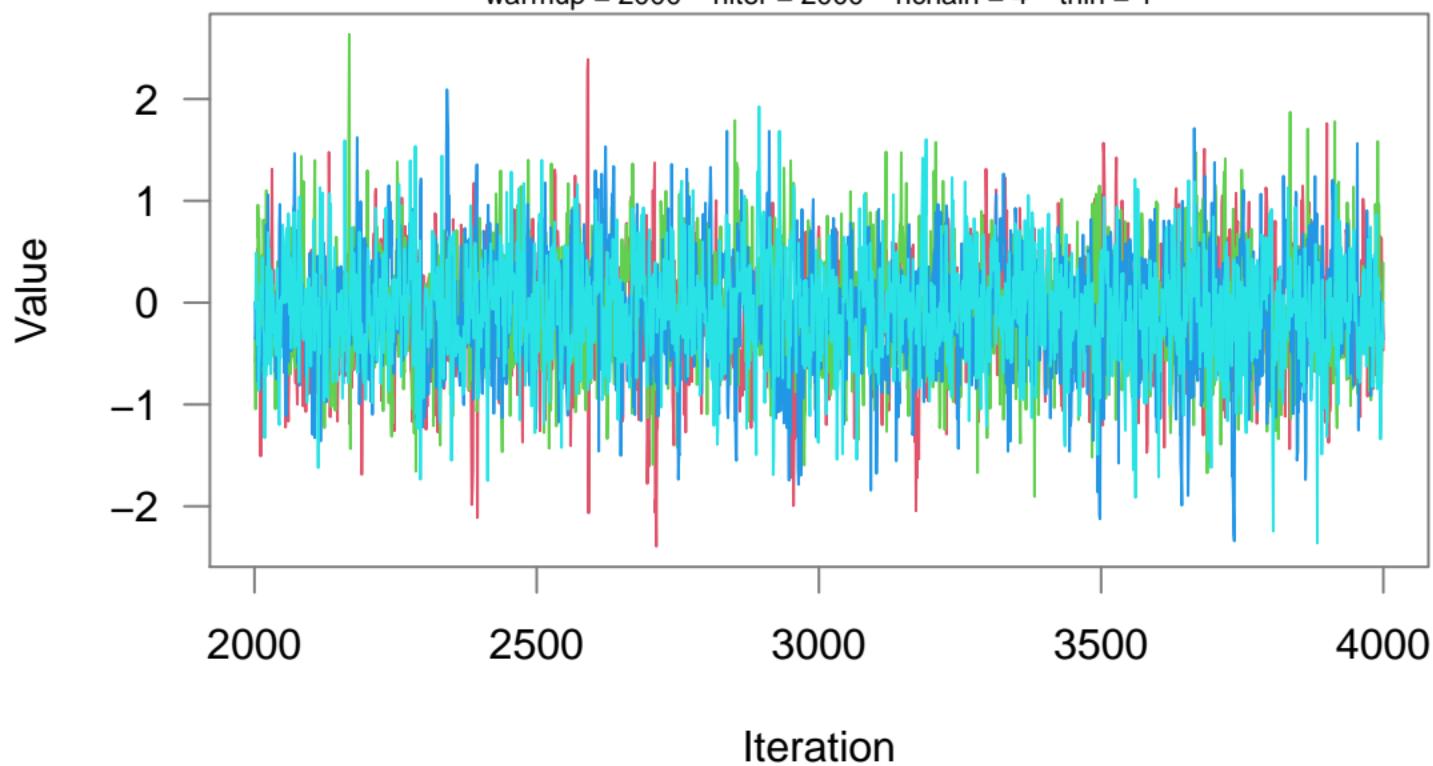
$z_{-1}[1,3]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



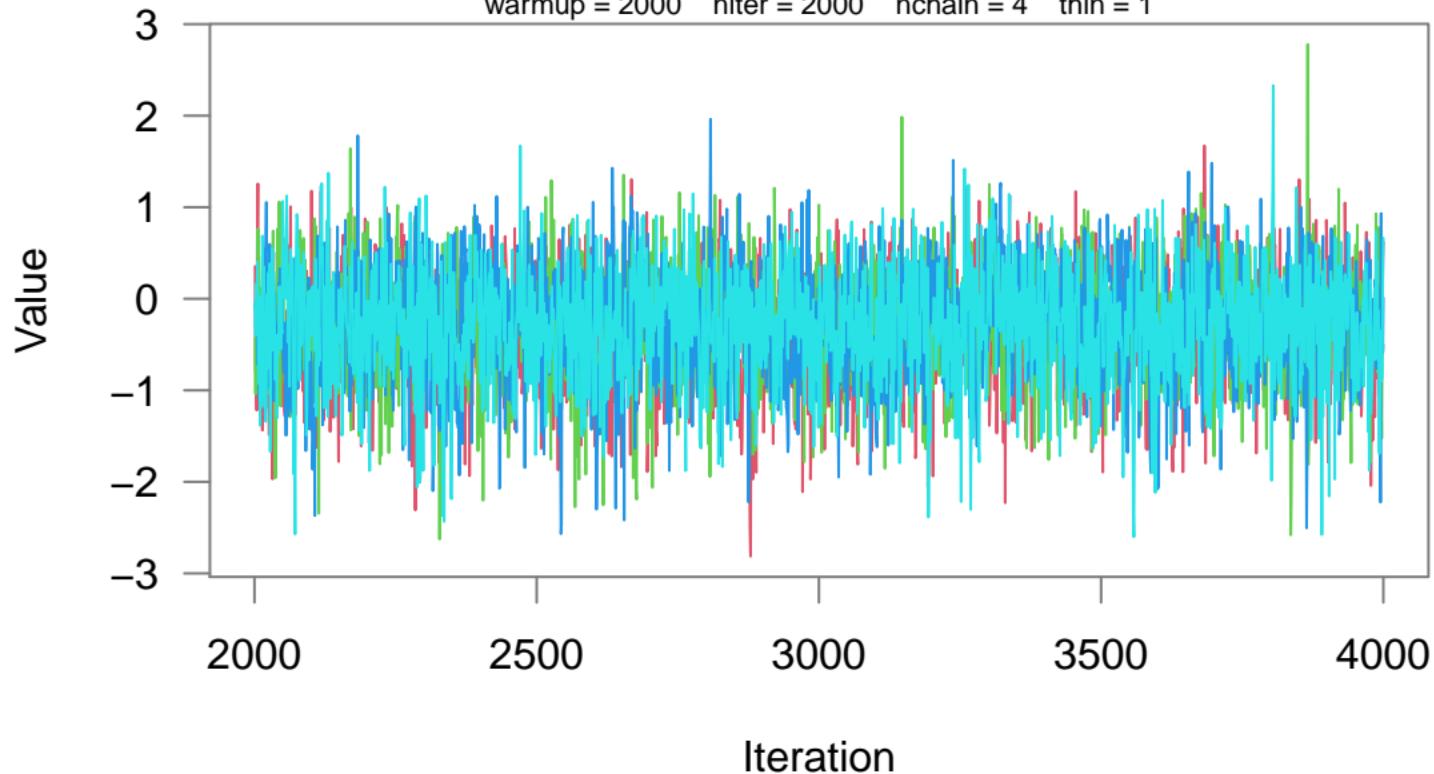
$z_{-1}[1,4]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



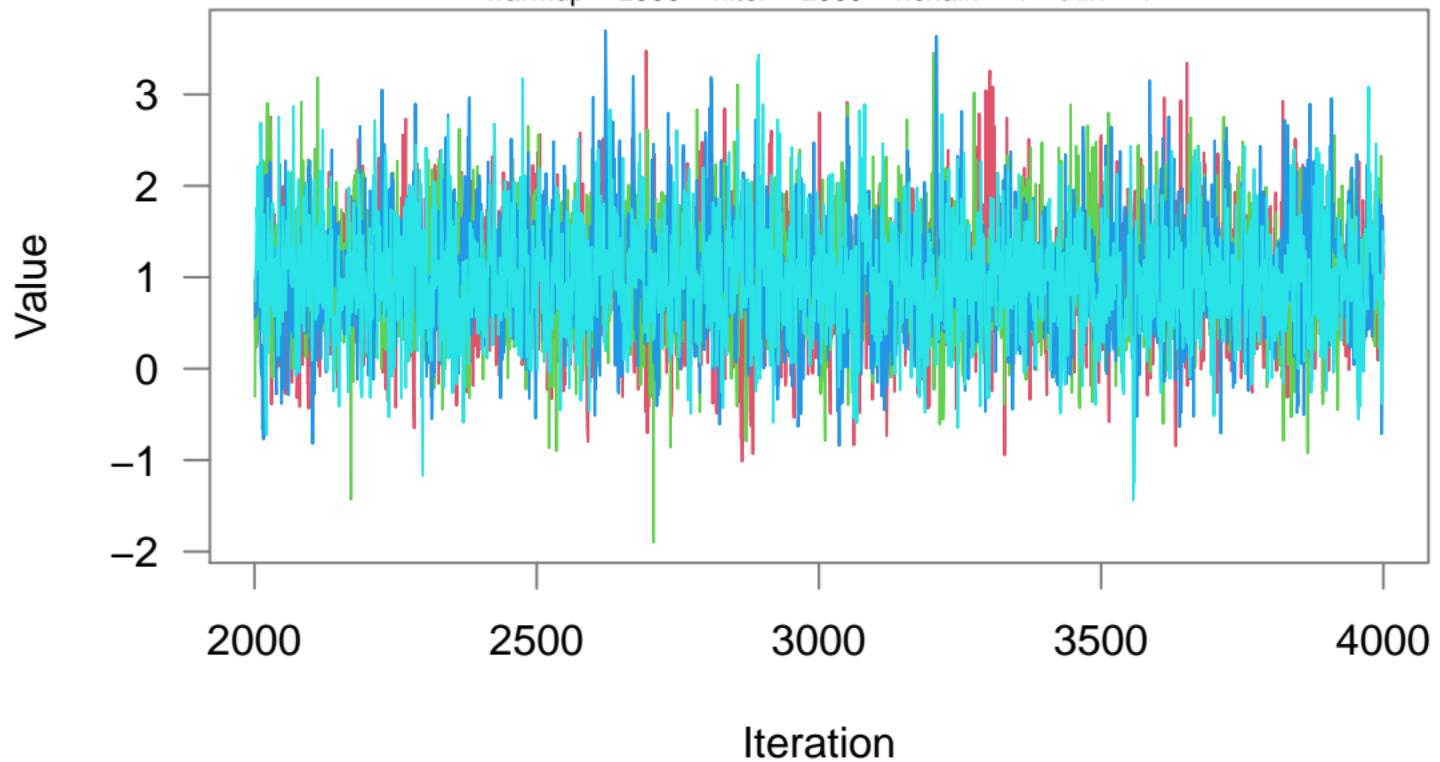
$z_{-1}[1,5]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



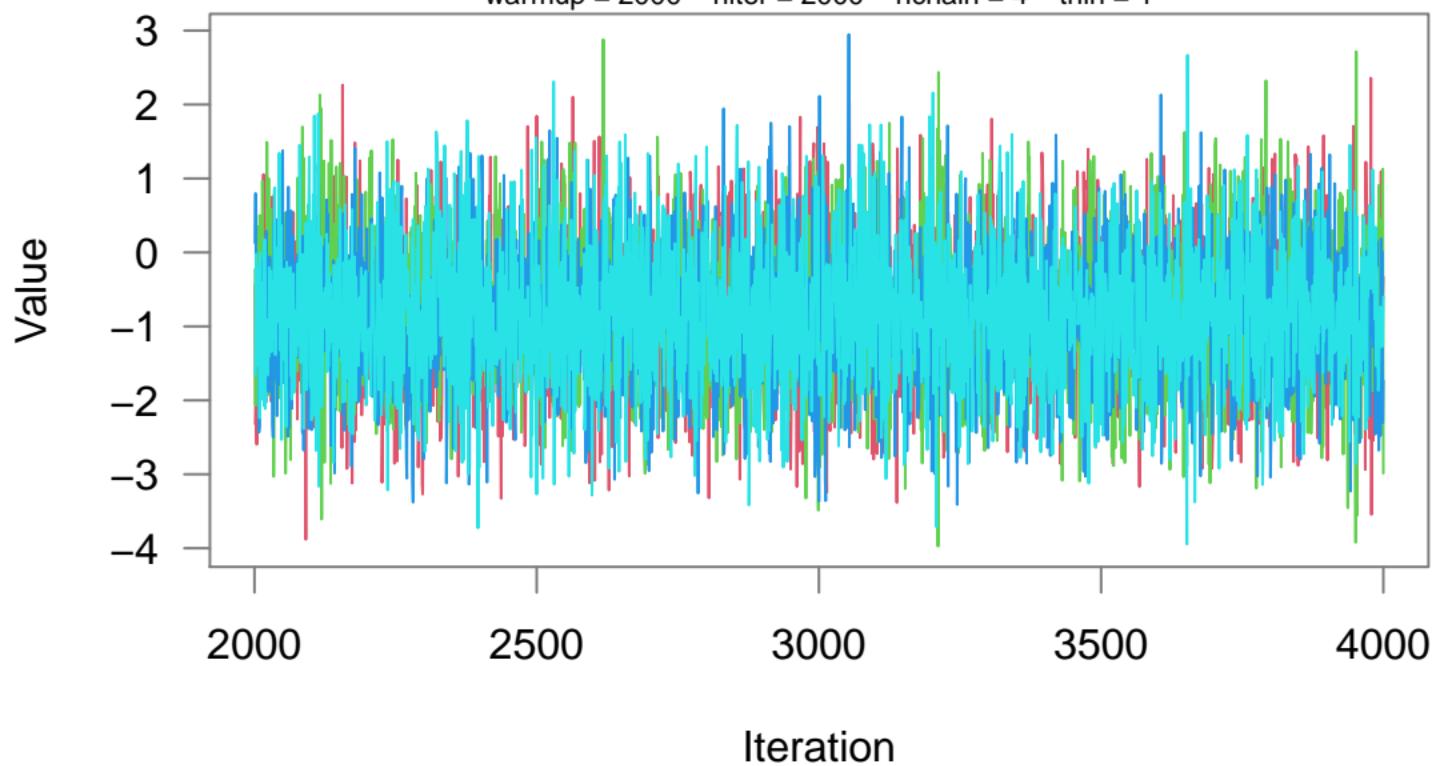
$z_{-1}[1,6]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



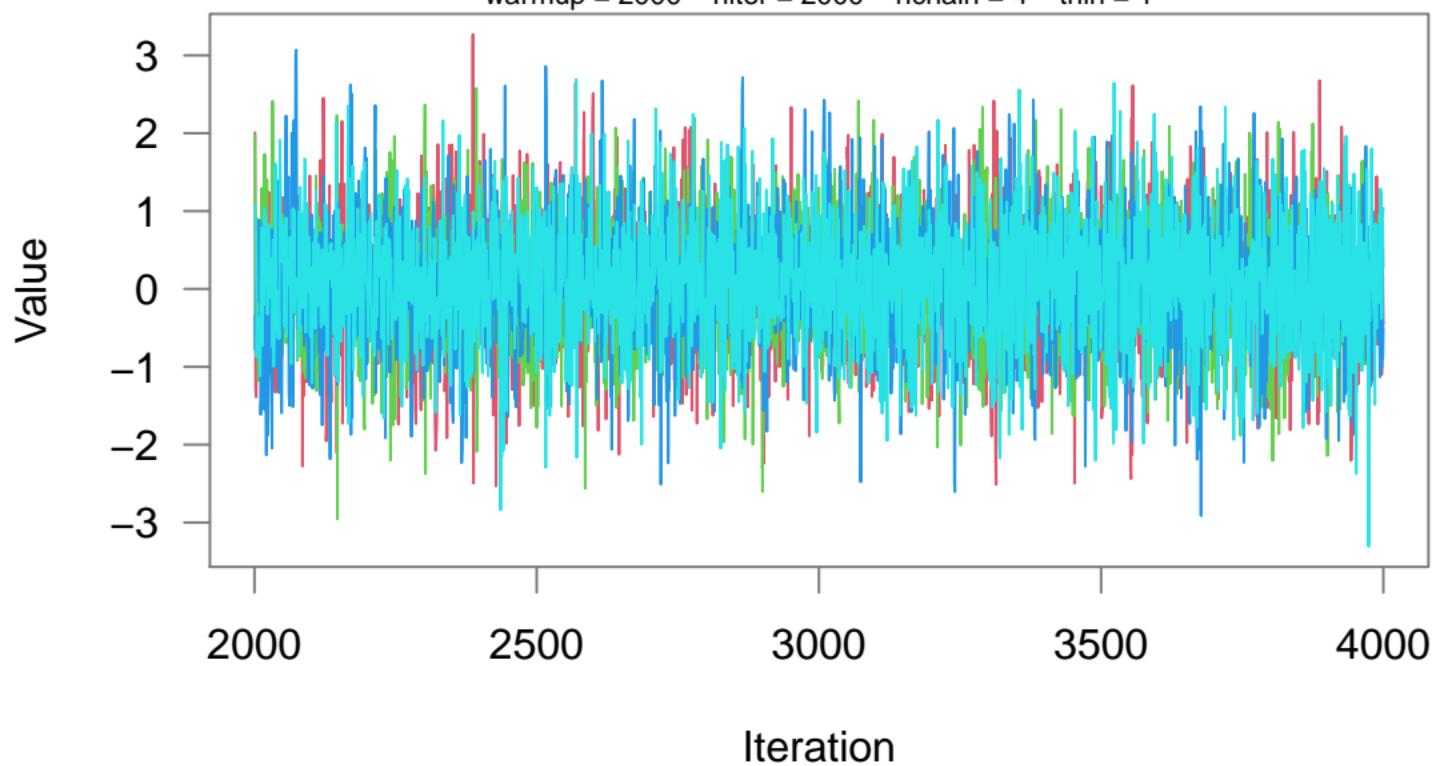
z_2[1,1]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



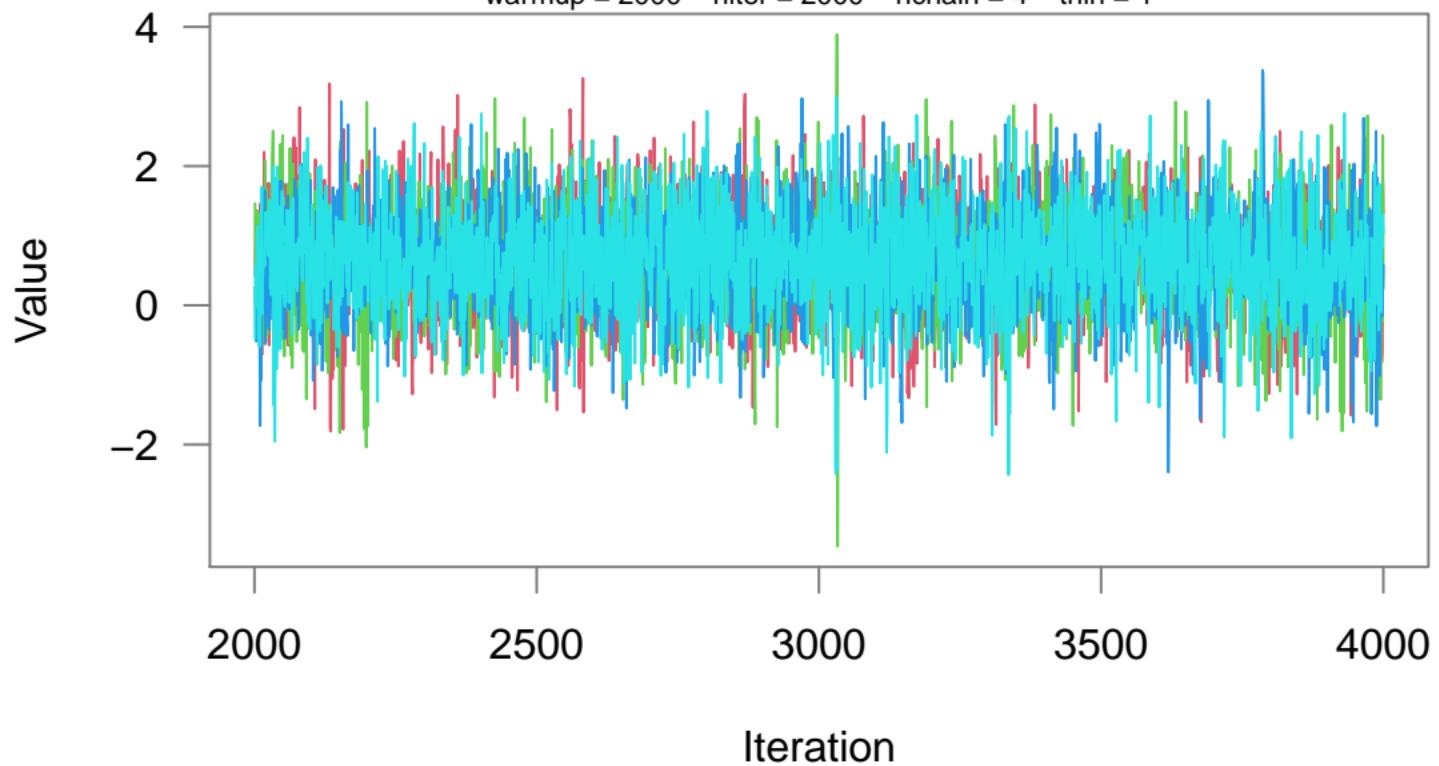
$z_{-2}[1,2]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



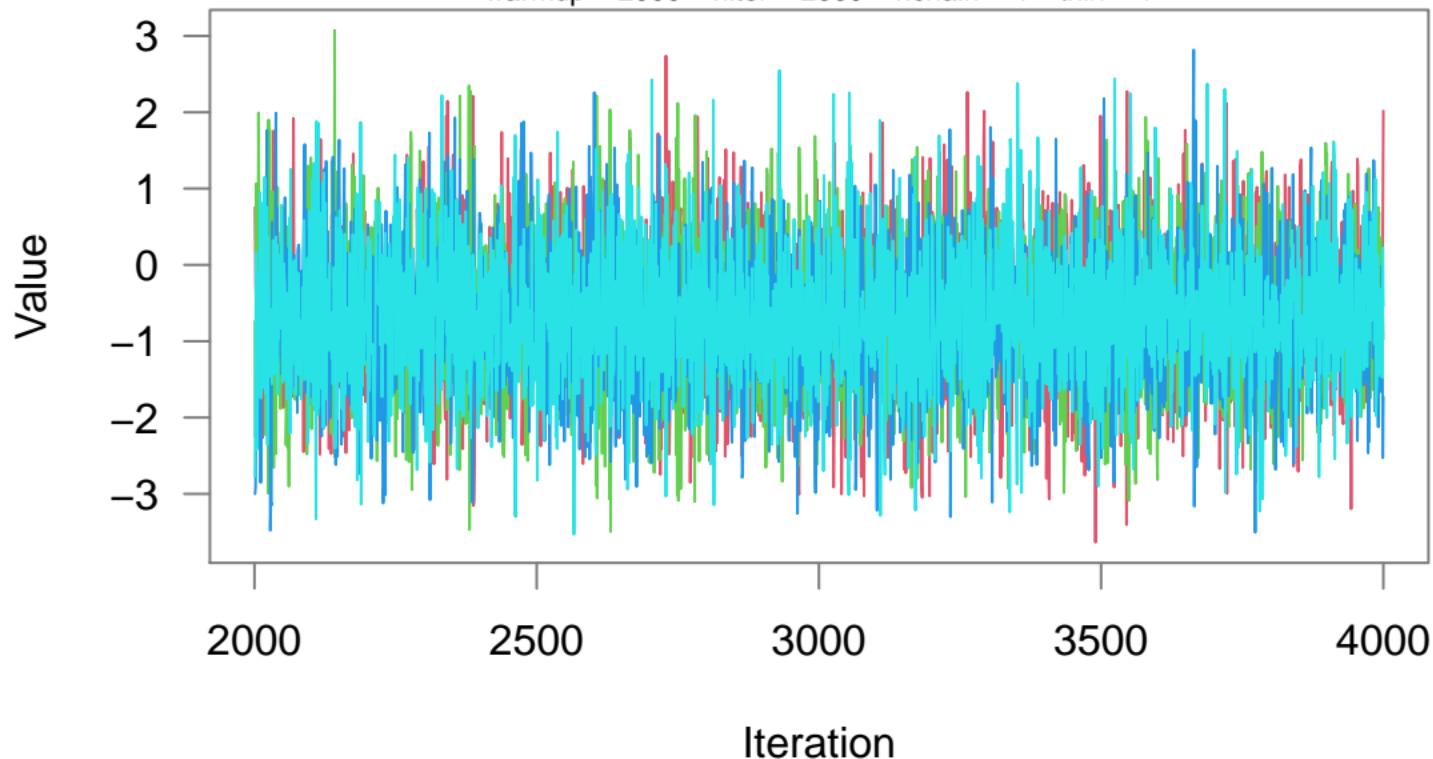
z_2[1,3]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



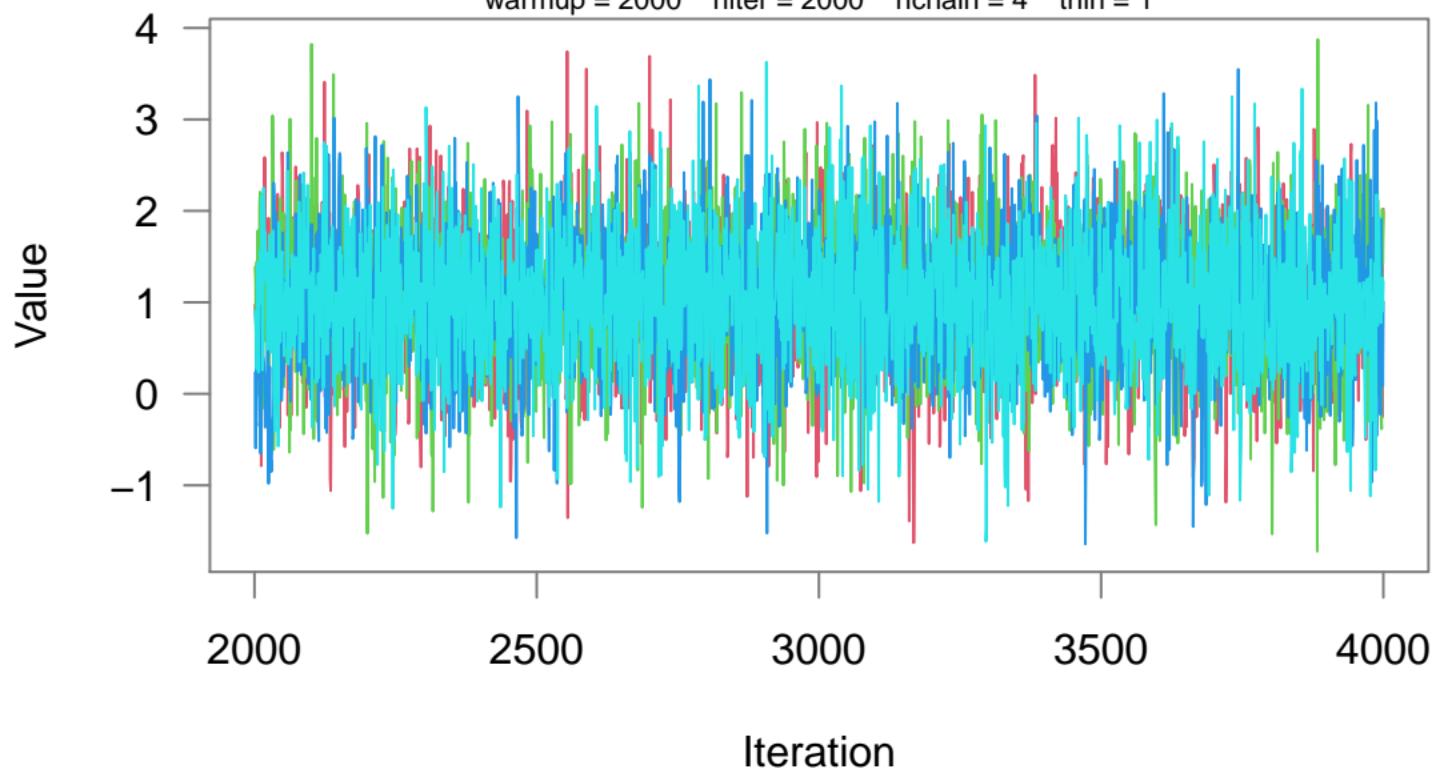
$z_2[1,4]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



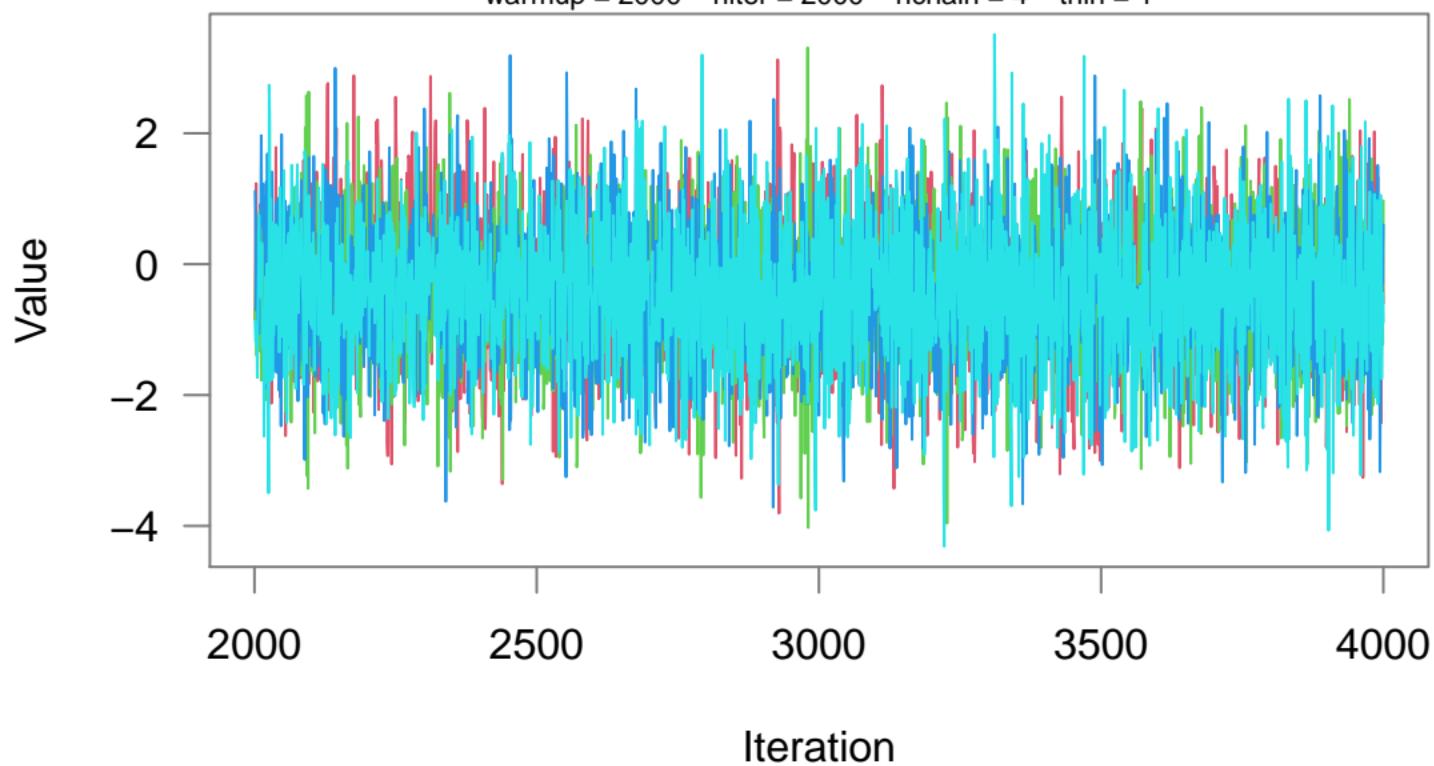
z_2[1,5]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



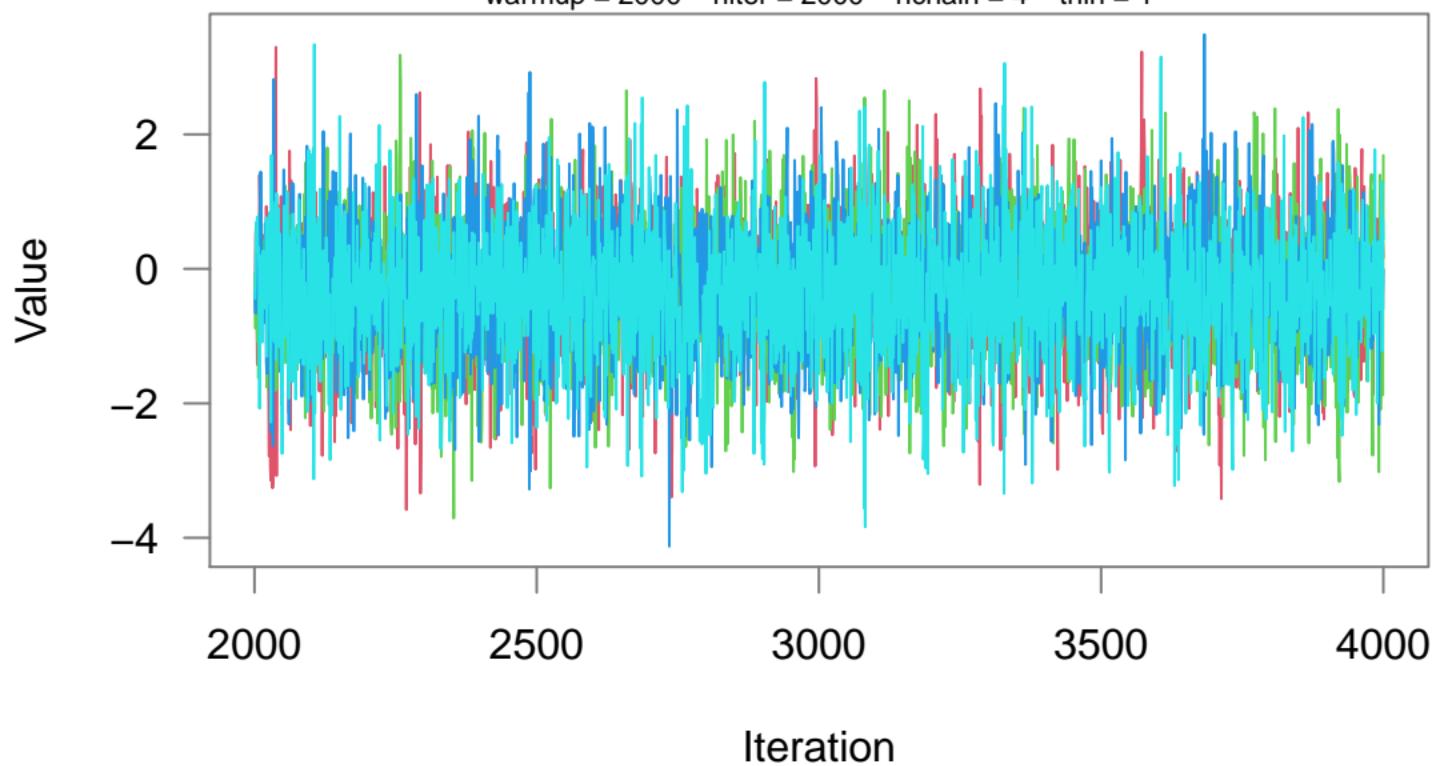
z_2[1,6]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



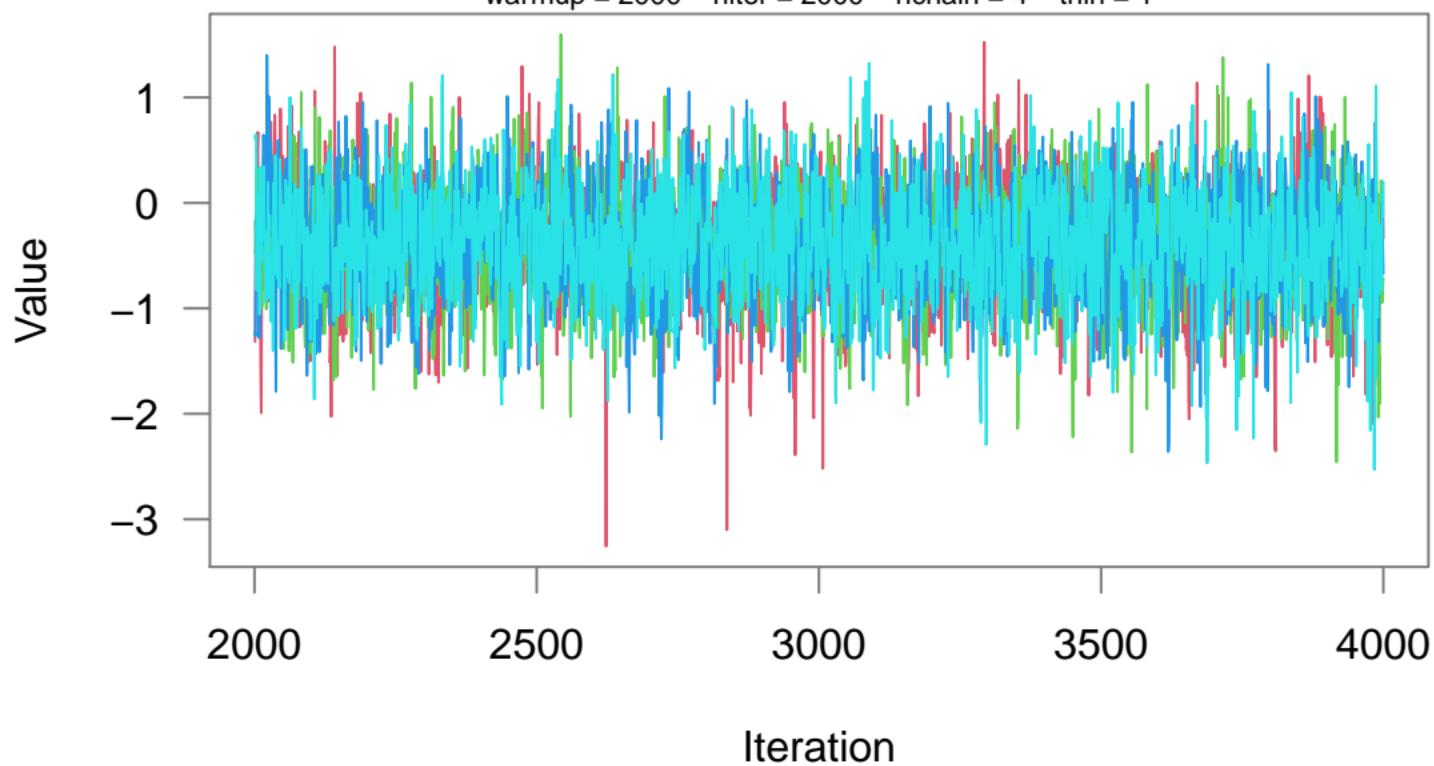
$z_{-2}[1,7]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



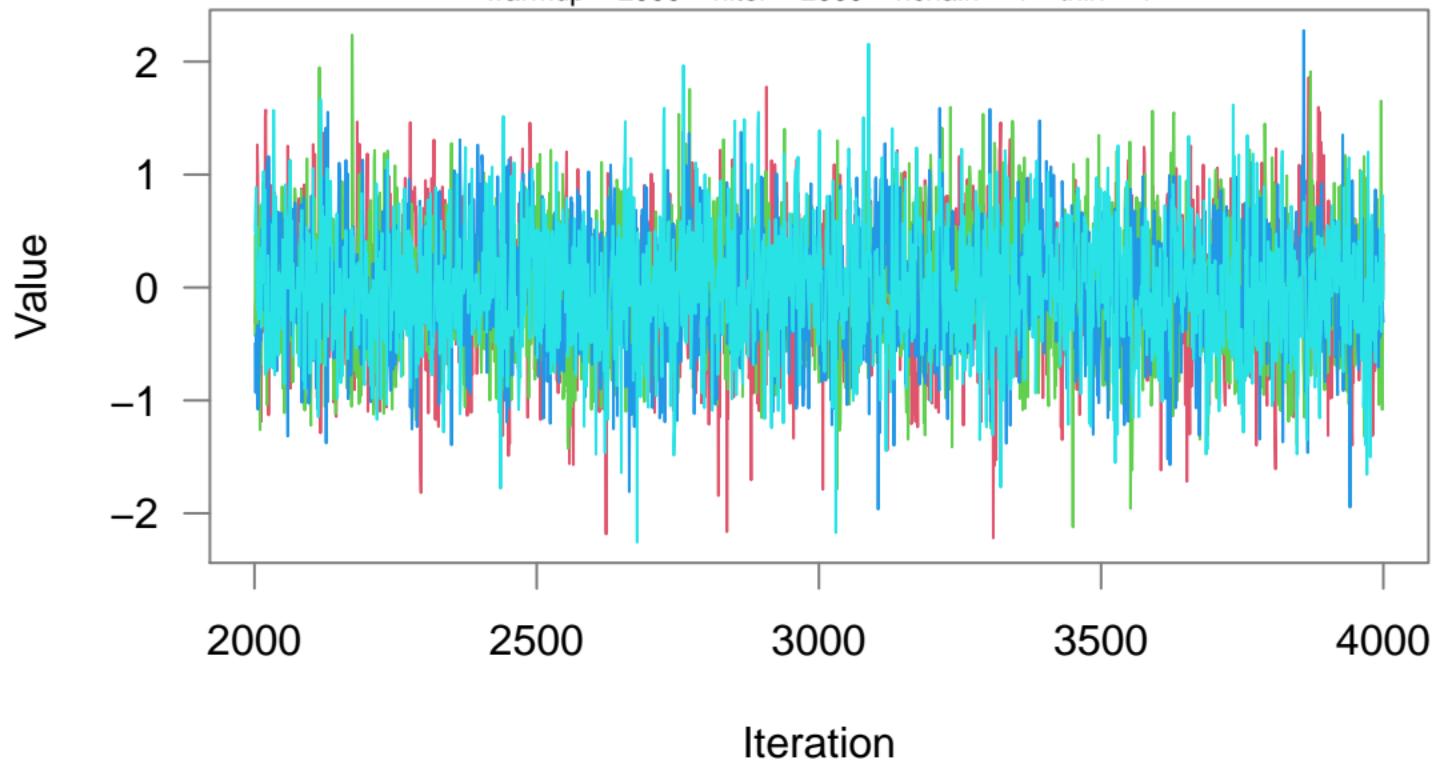
z_2[1,8]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



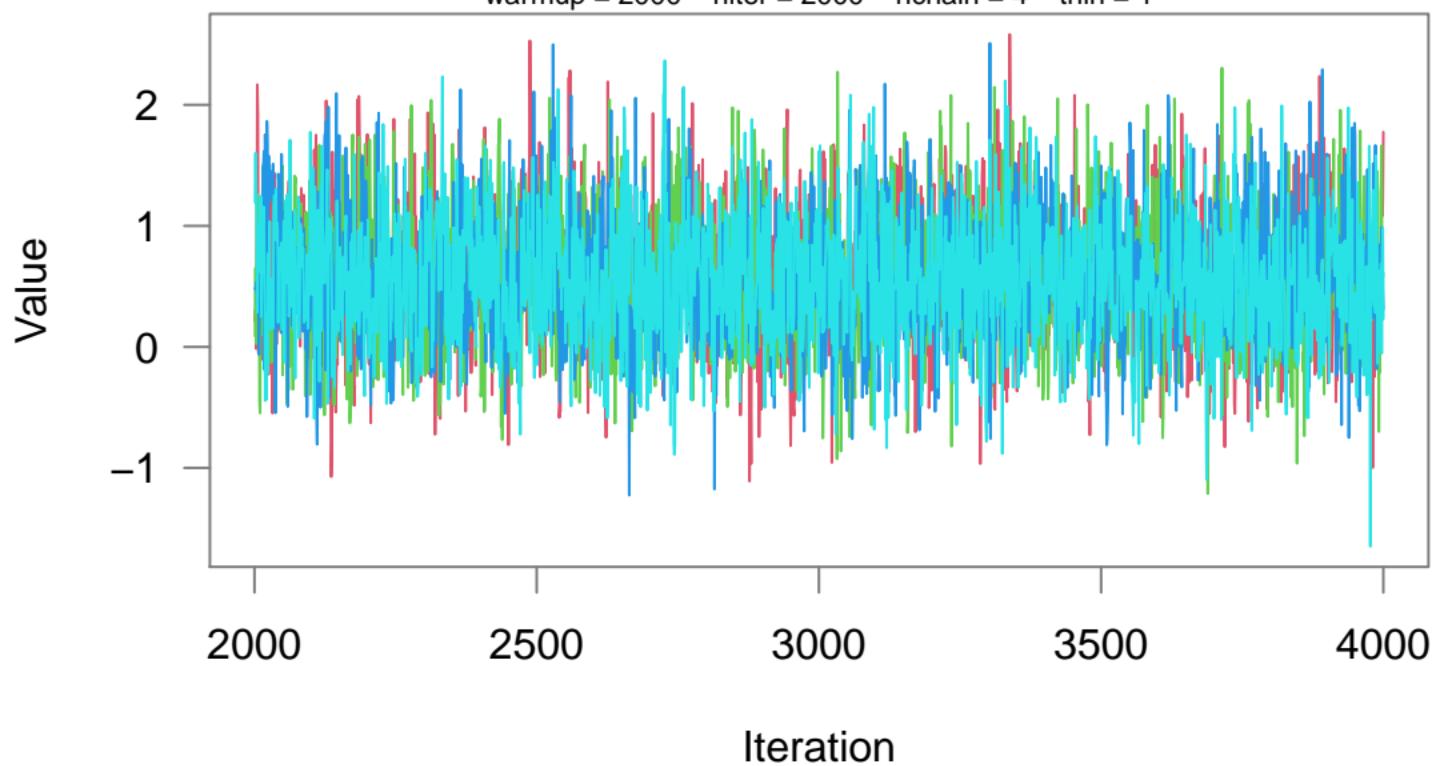
z_2[1,9]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



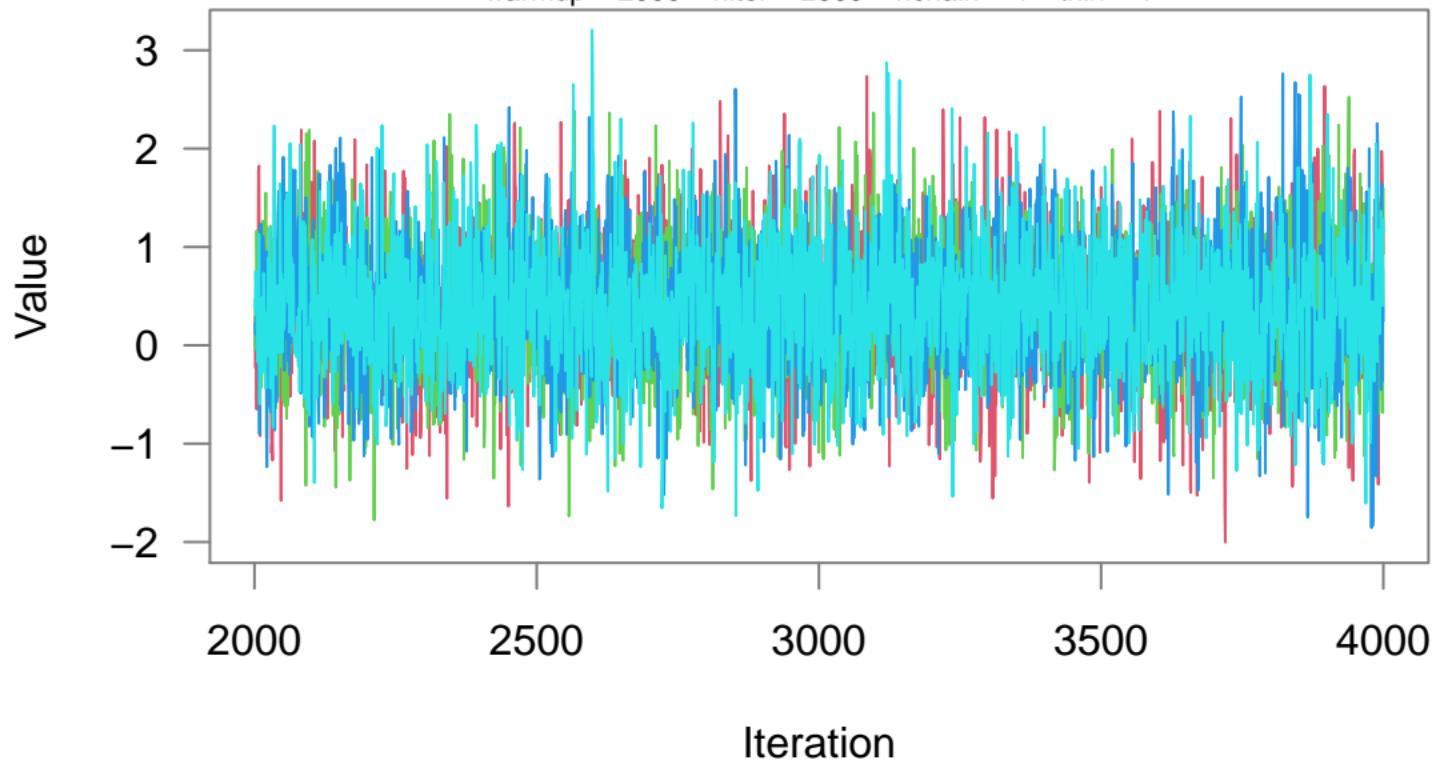
$z_2[1,10]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



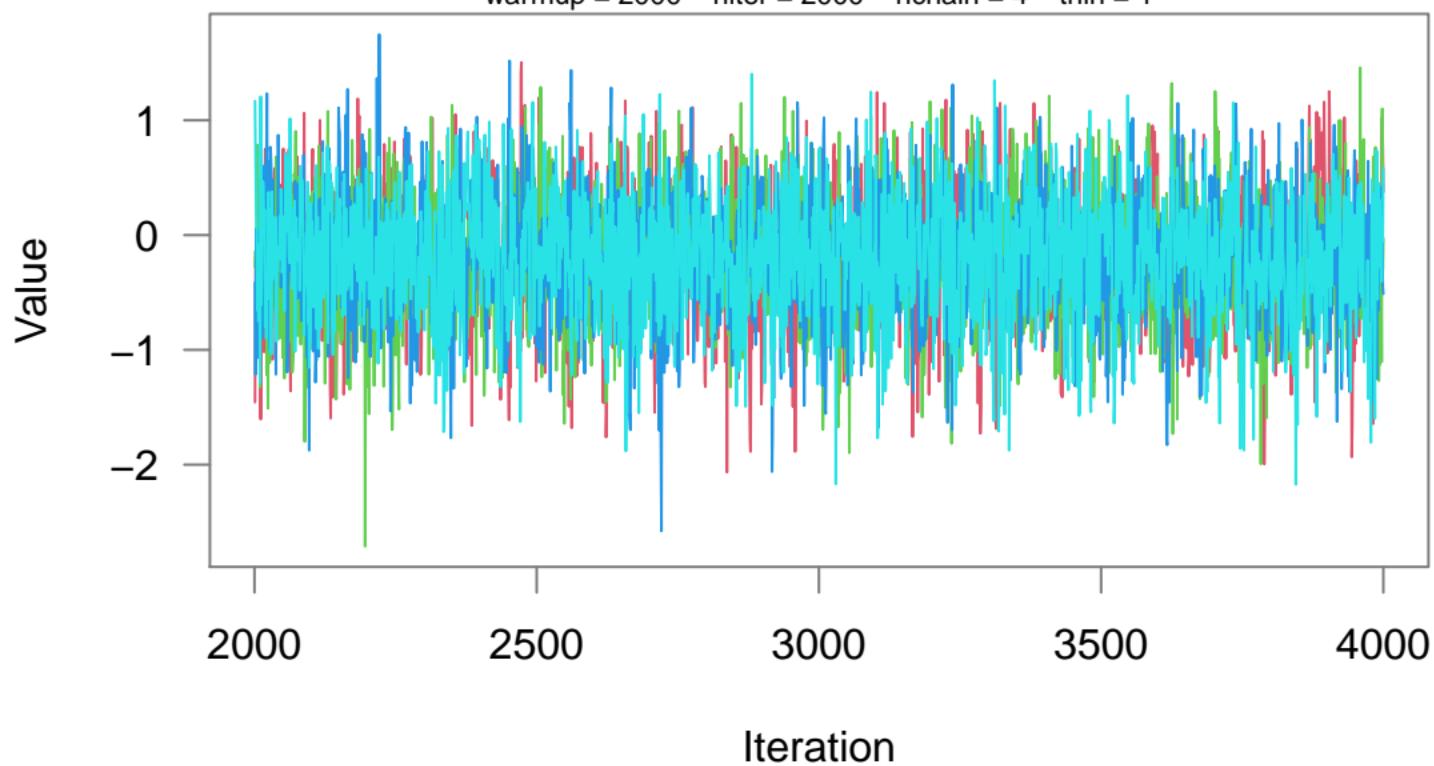
z_2[1,11]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



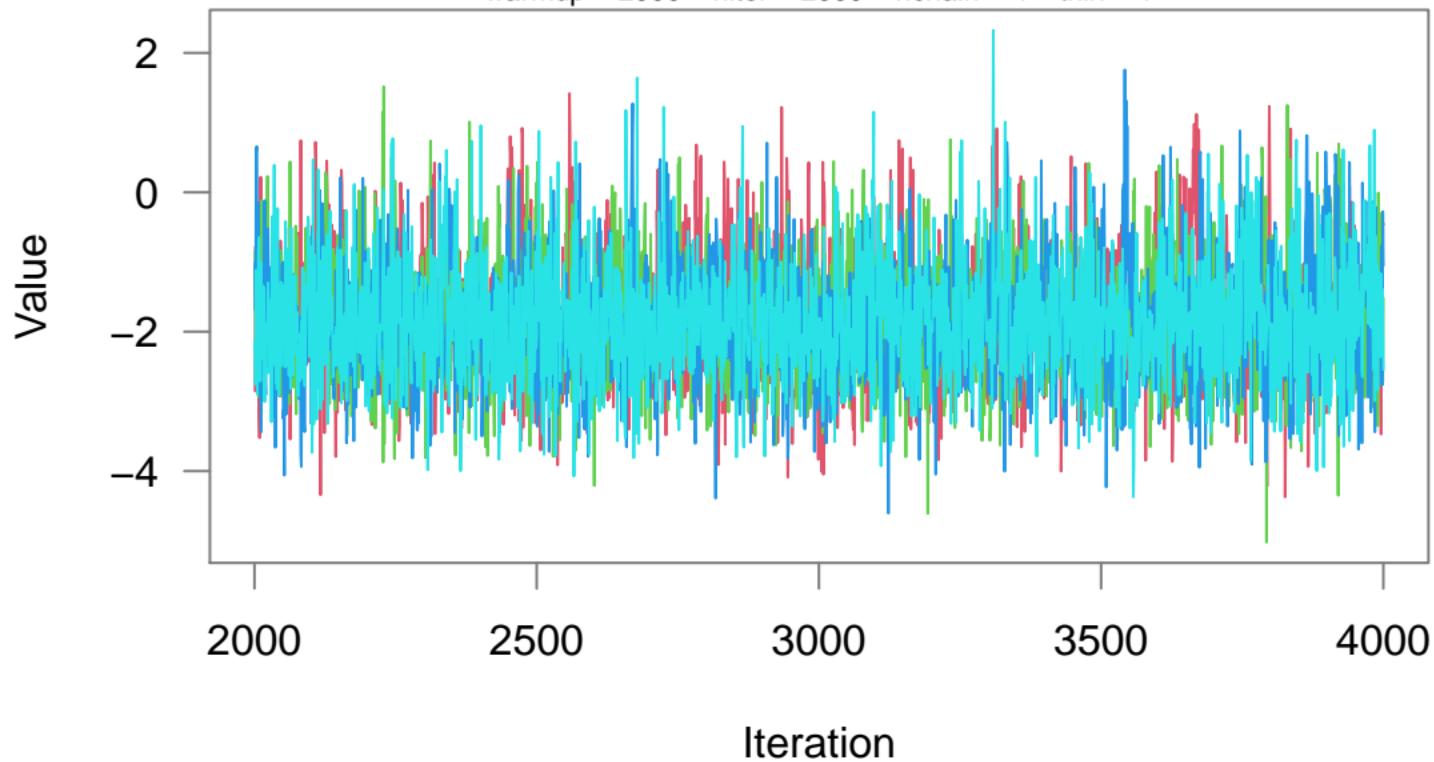
z_2[1,12]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

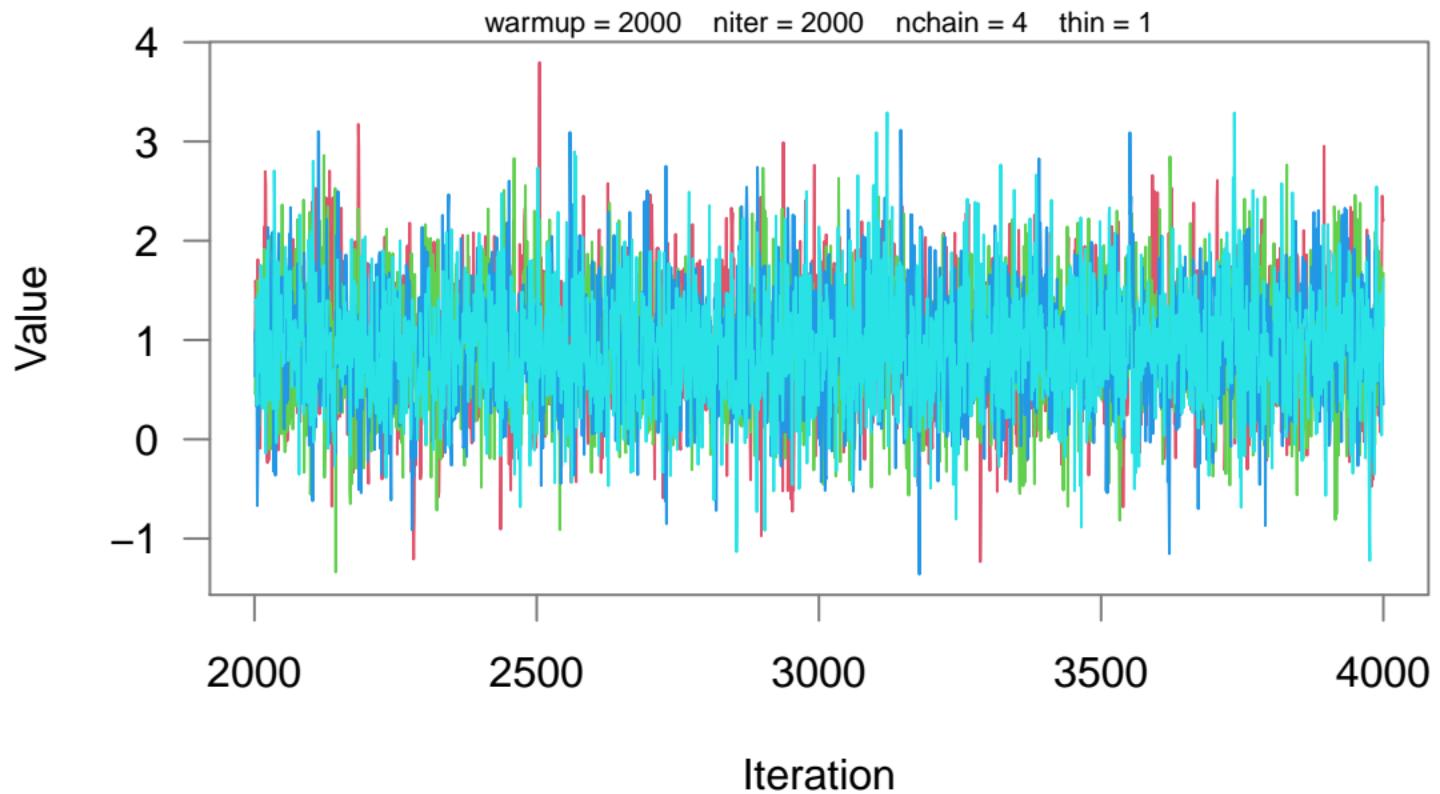


$z_2[1,13]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1

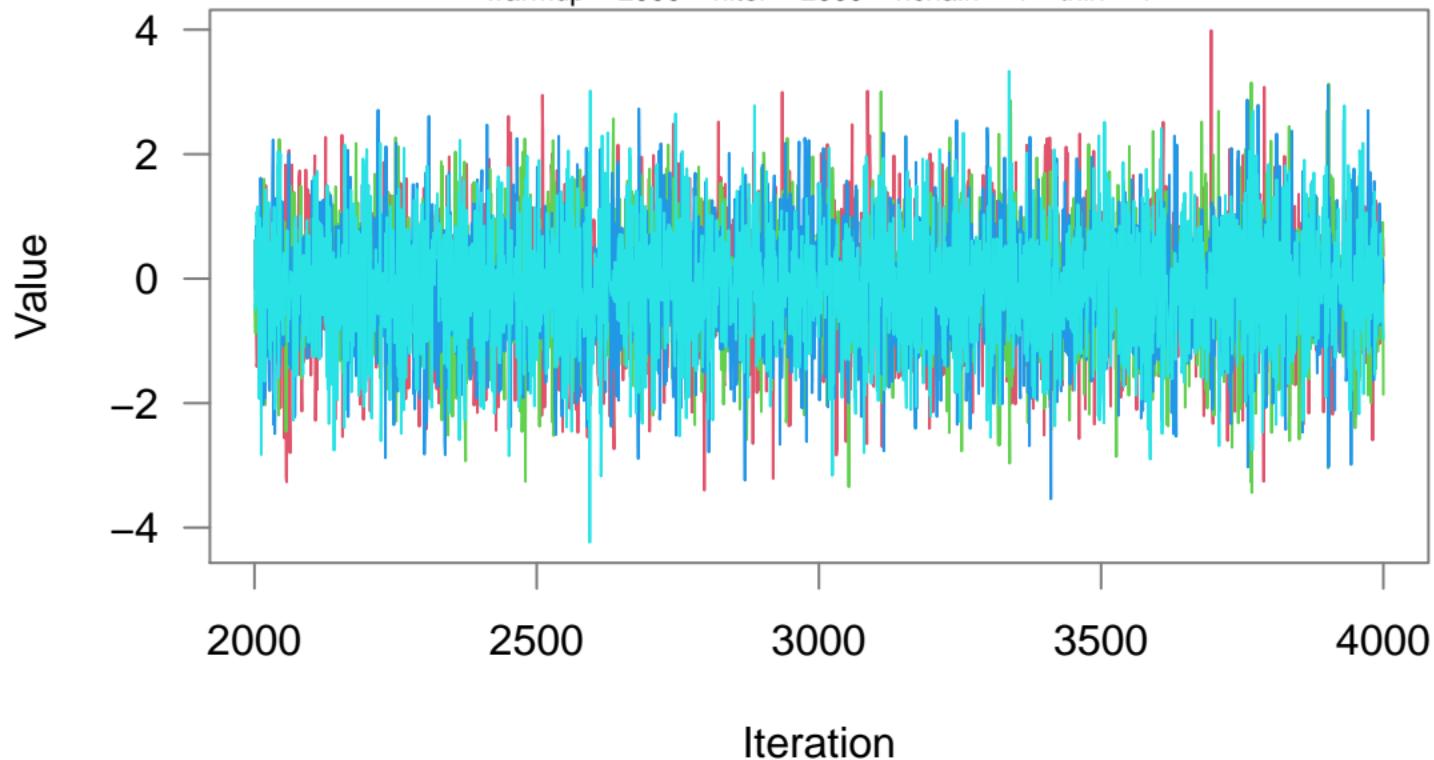


z_2[1,14]



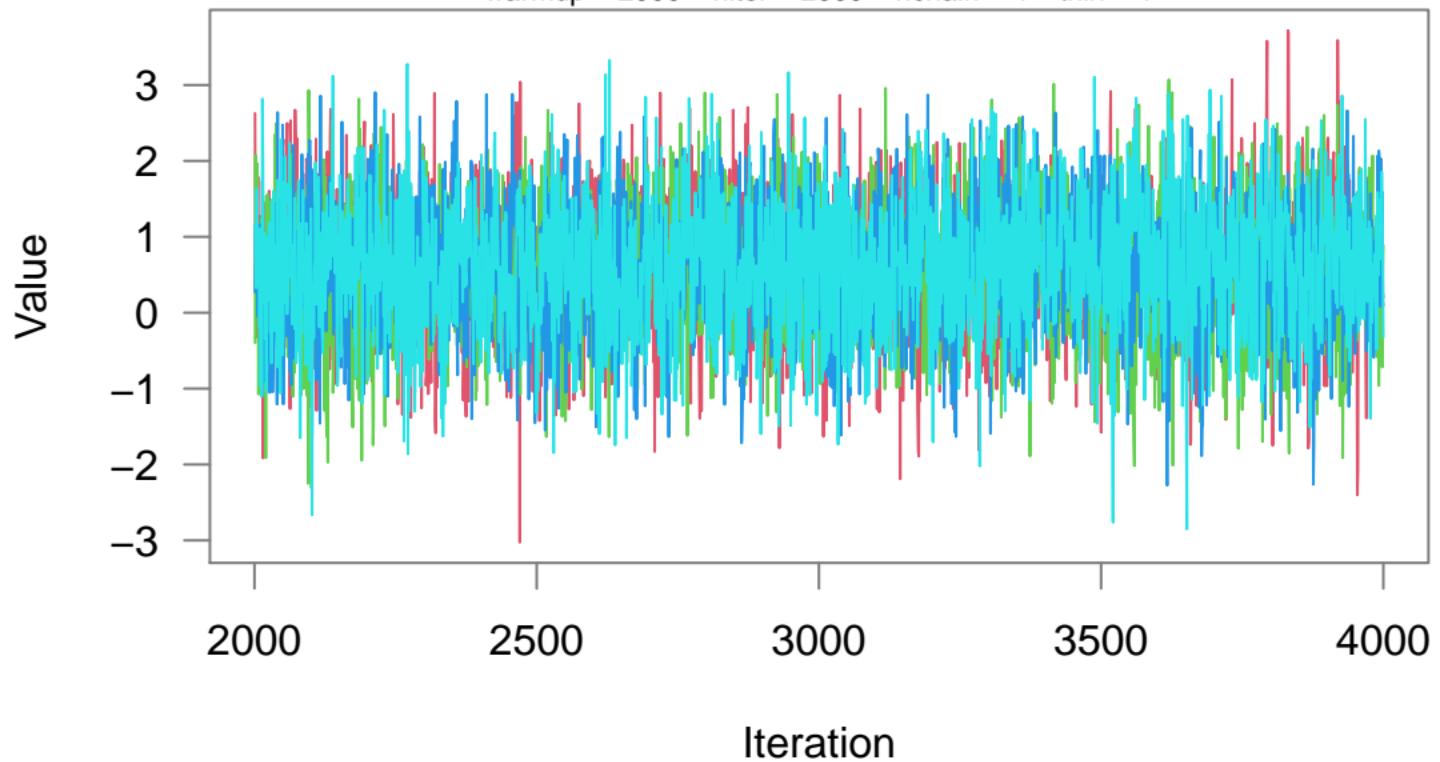
$z_2[1,15]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



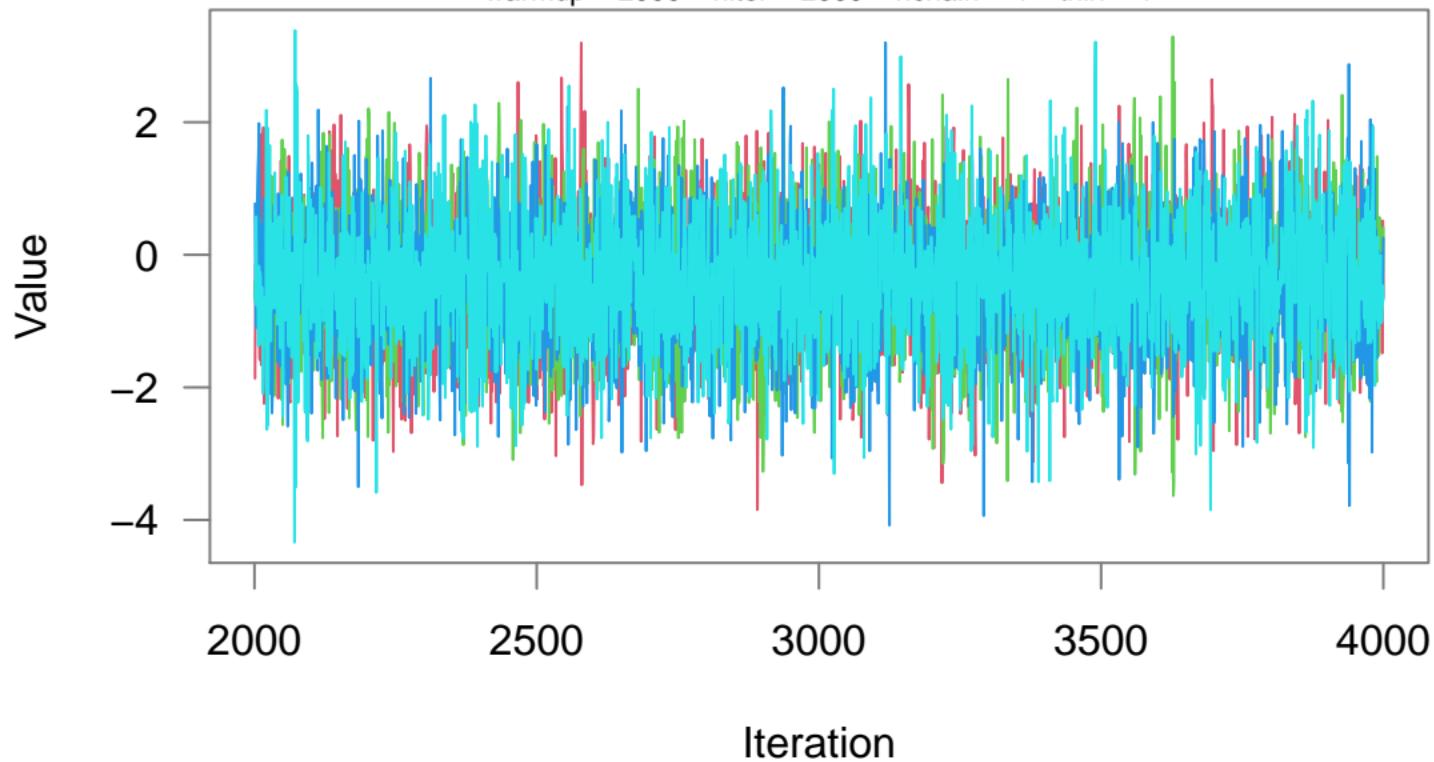
z_2[1,16]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



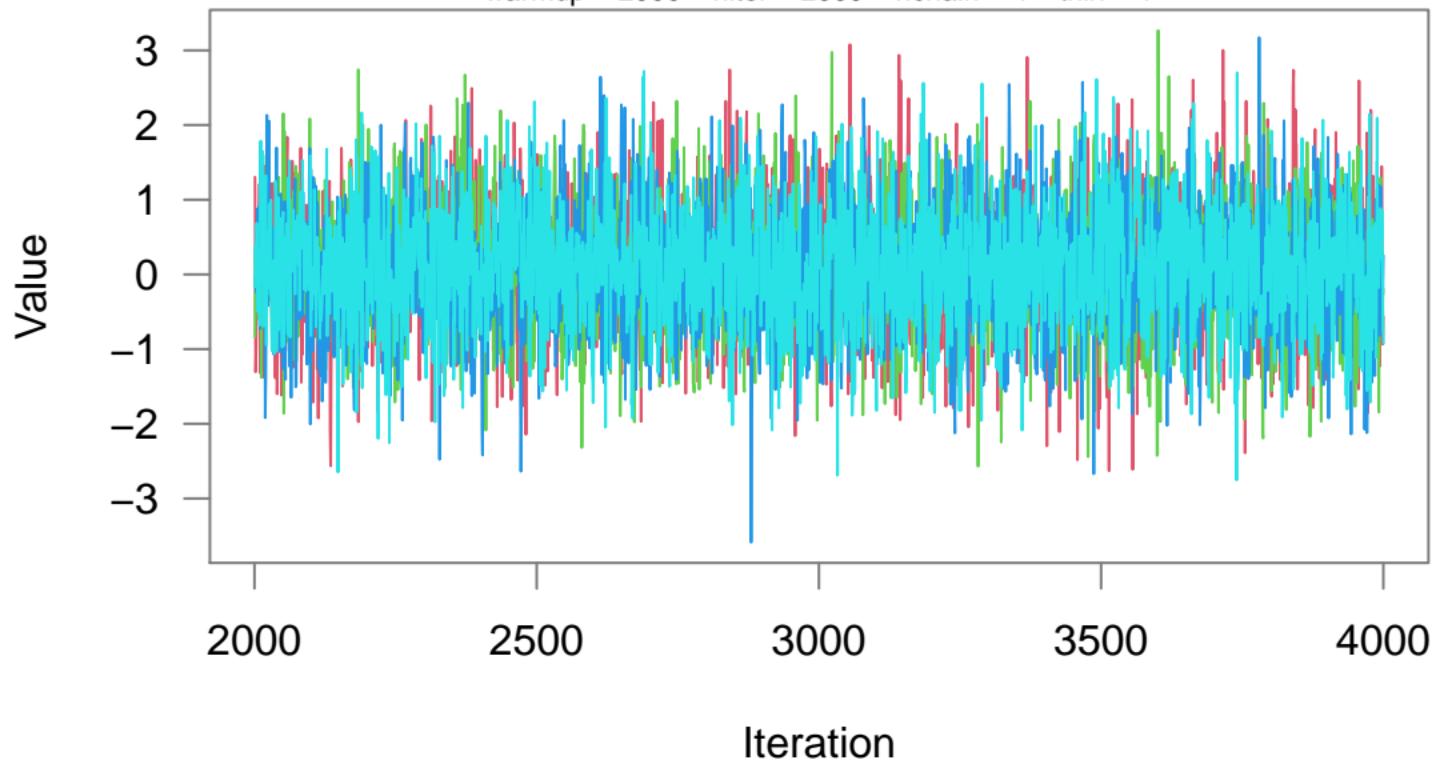
z_2[1,17]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



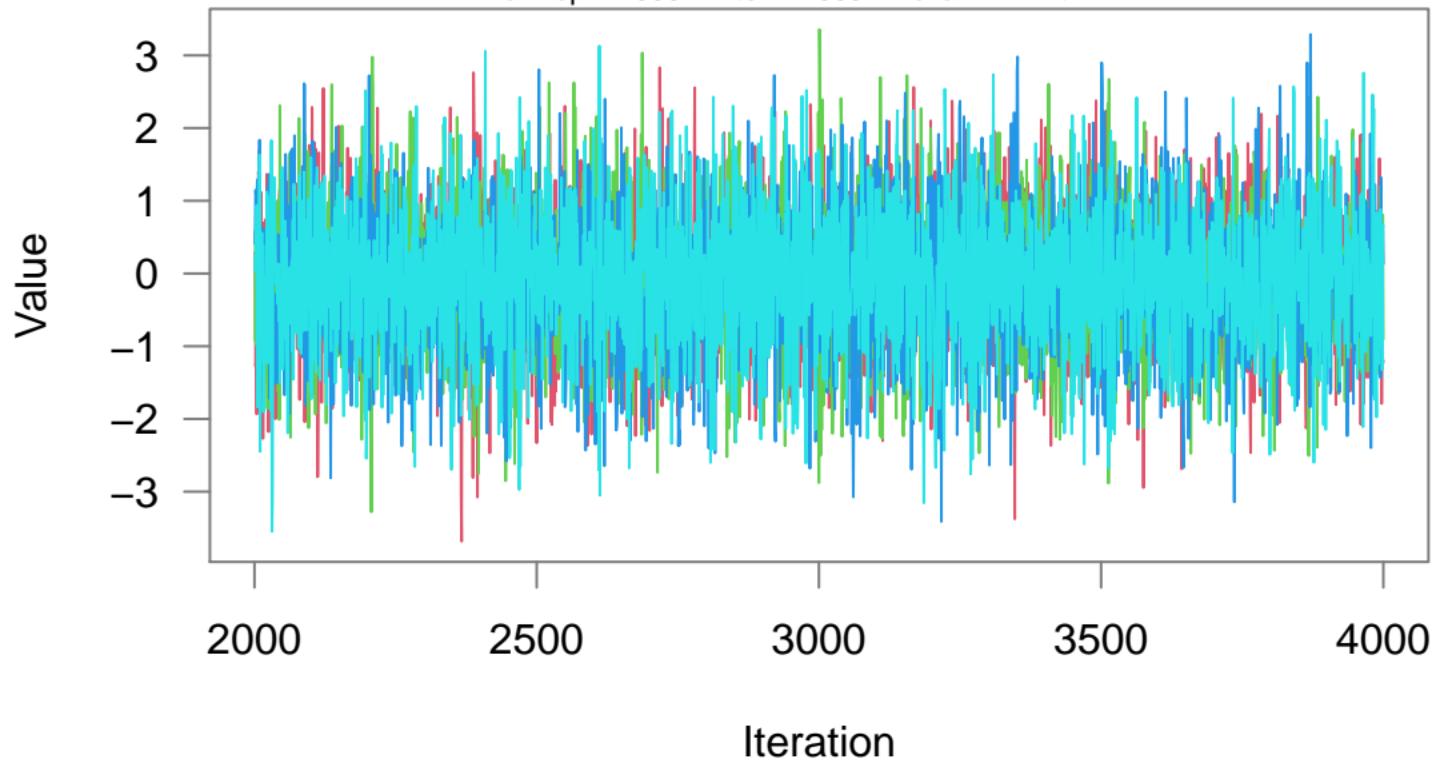
z_2[1,18]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



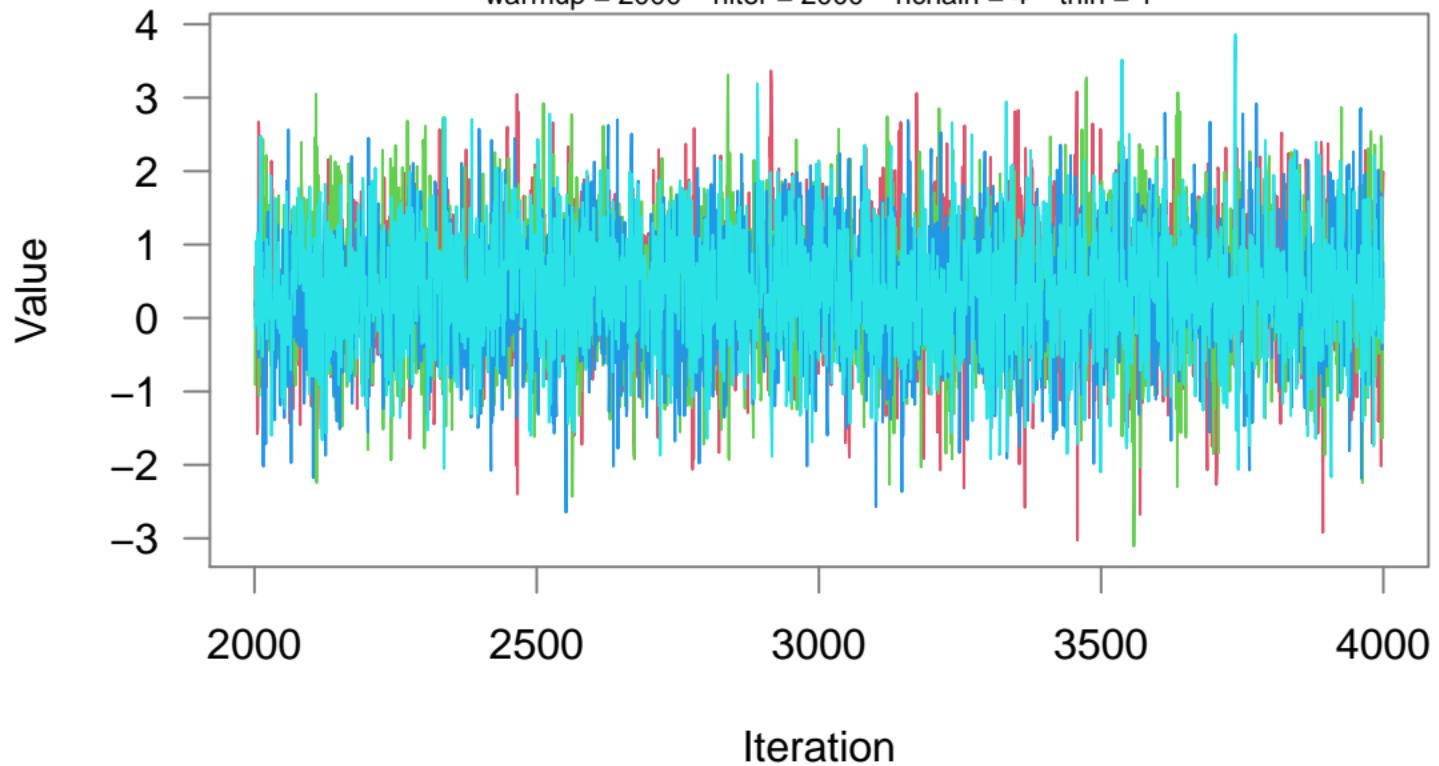
z_2[1,19]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



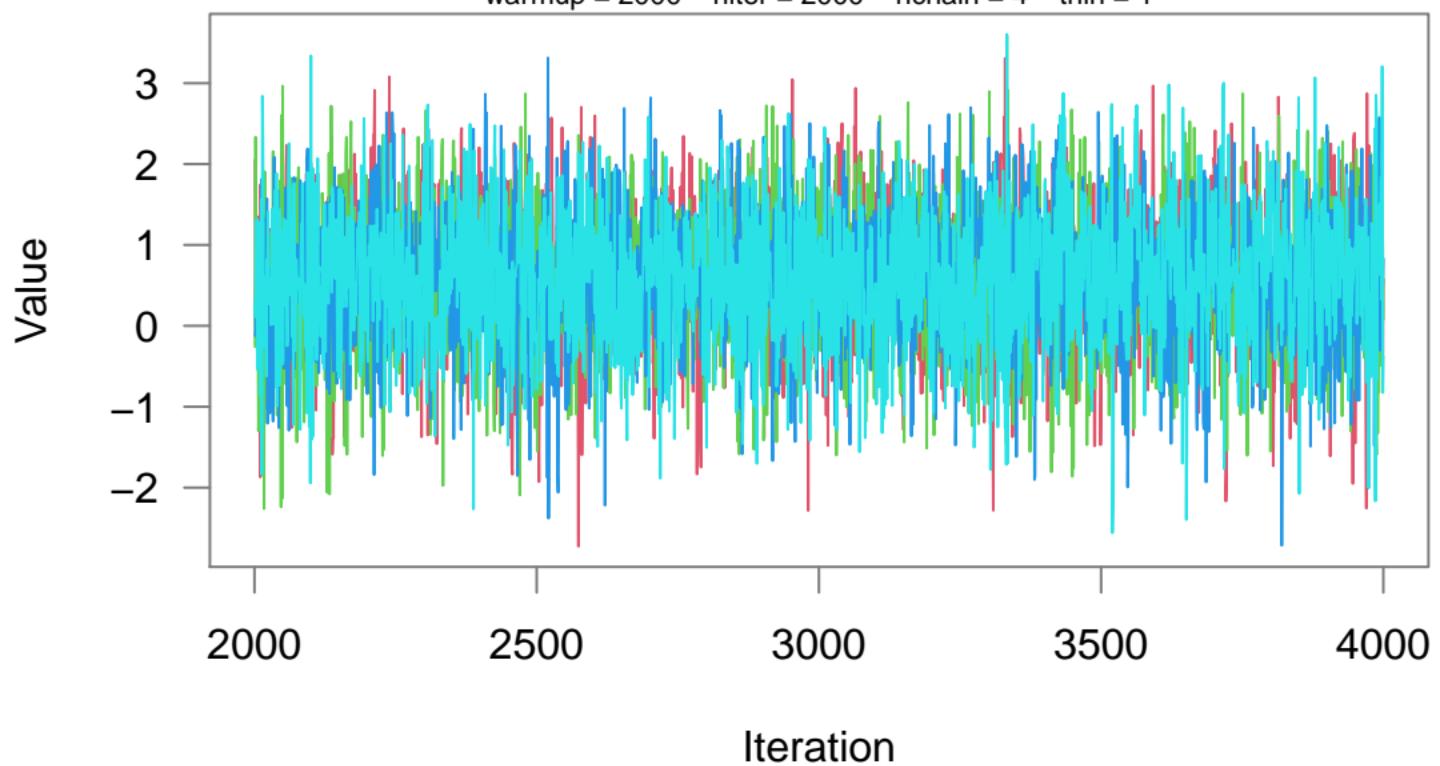
z_2[1,20]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



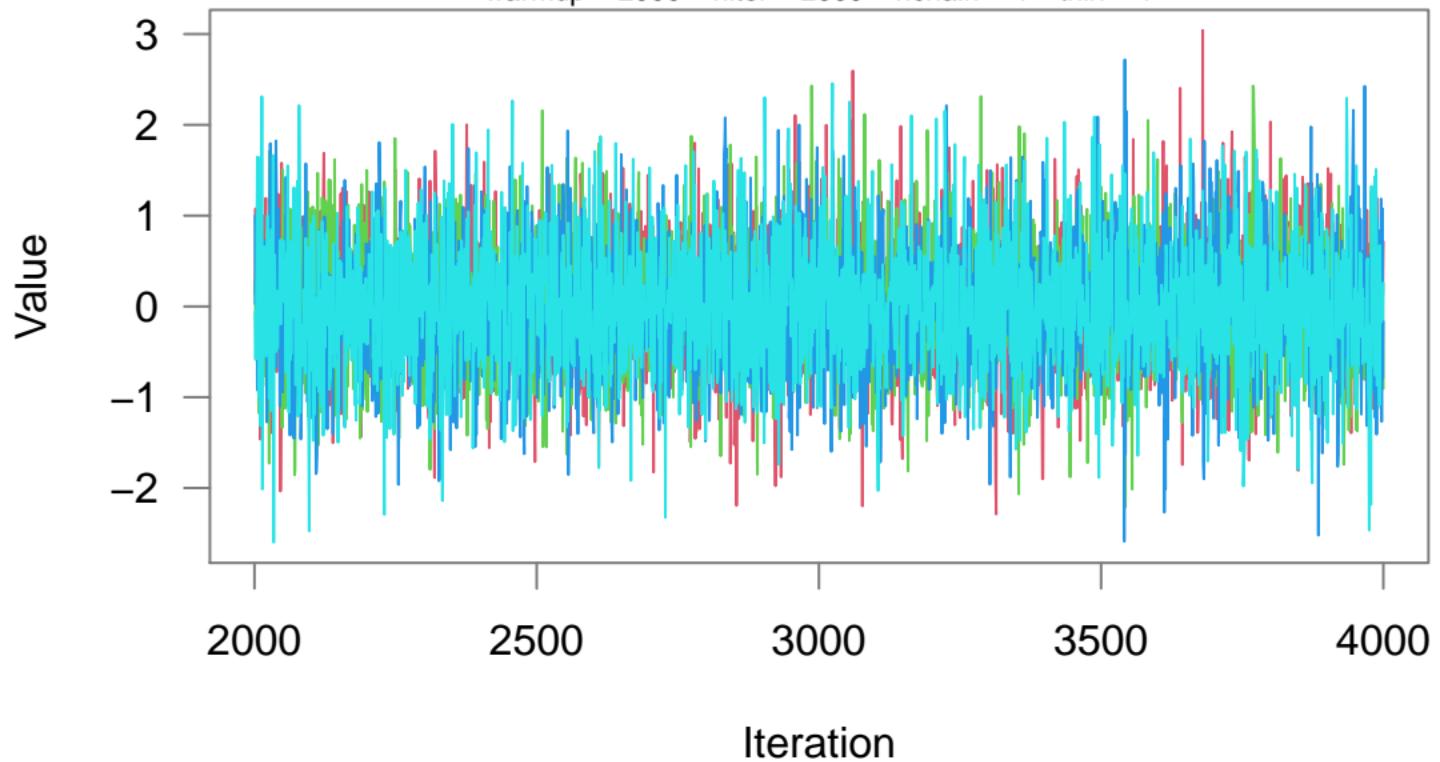
z_2[1,21]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



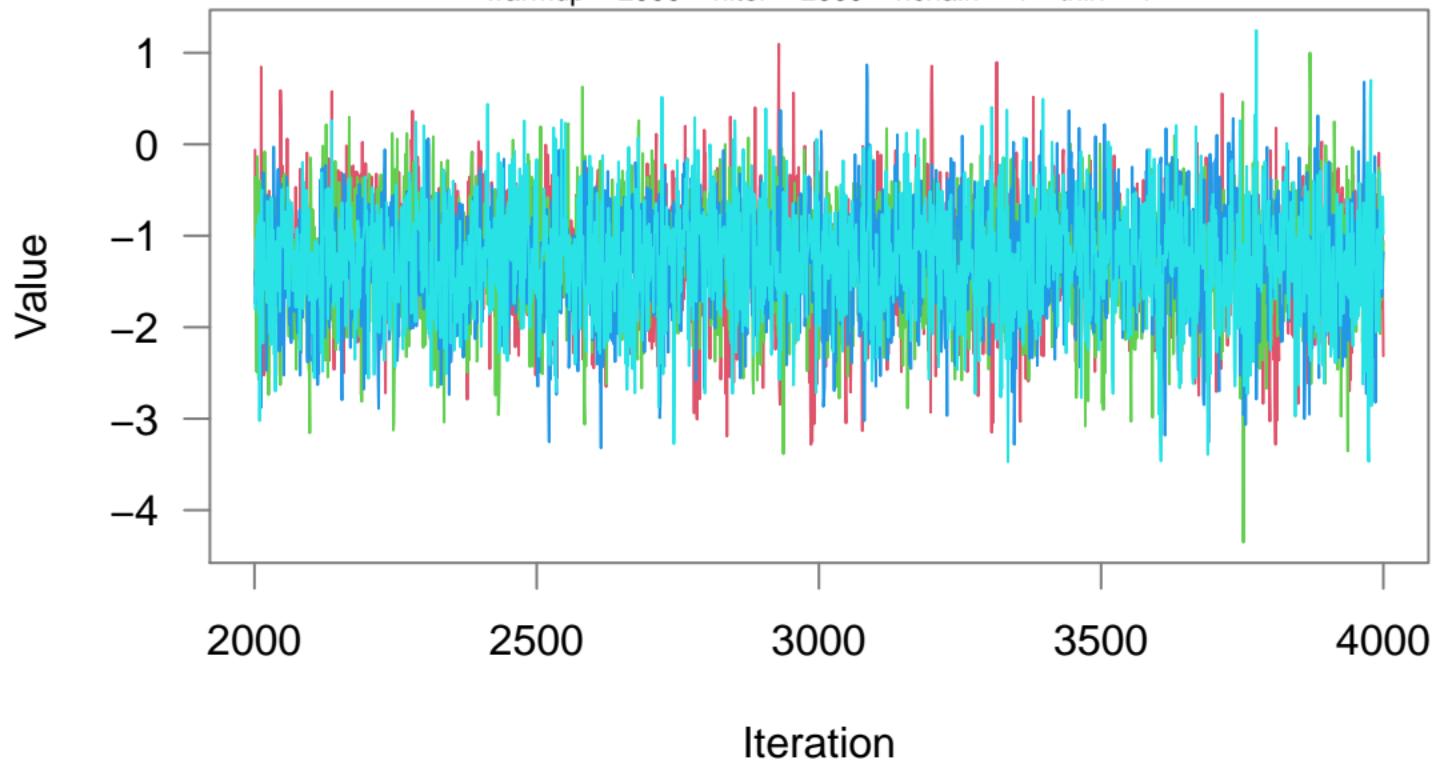
z_2[1,22]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



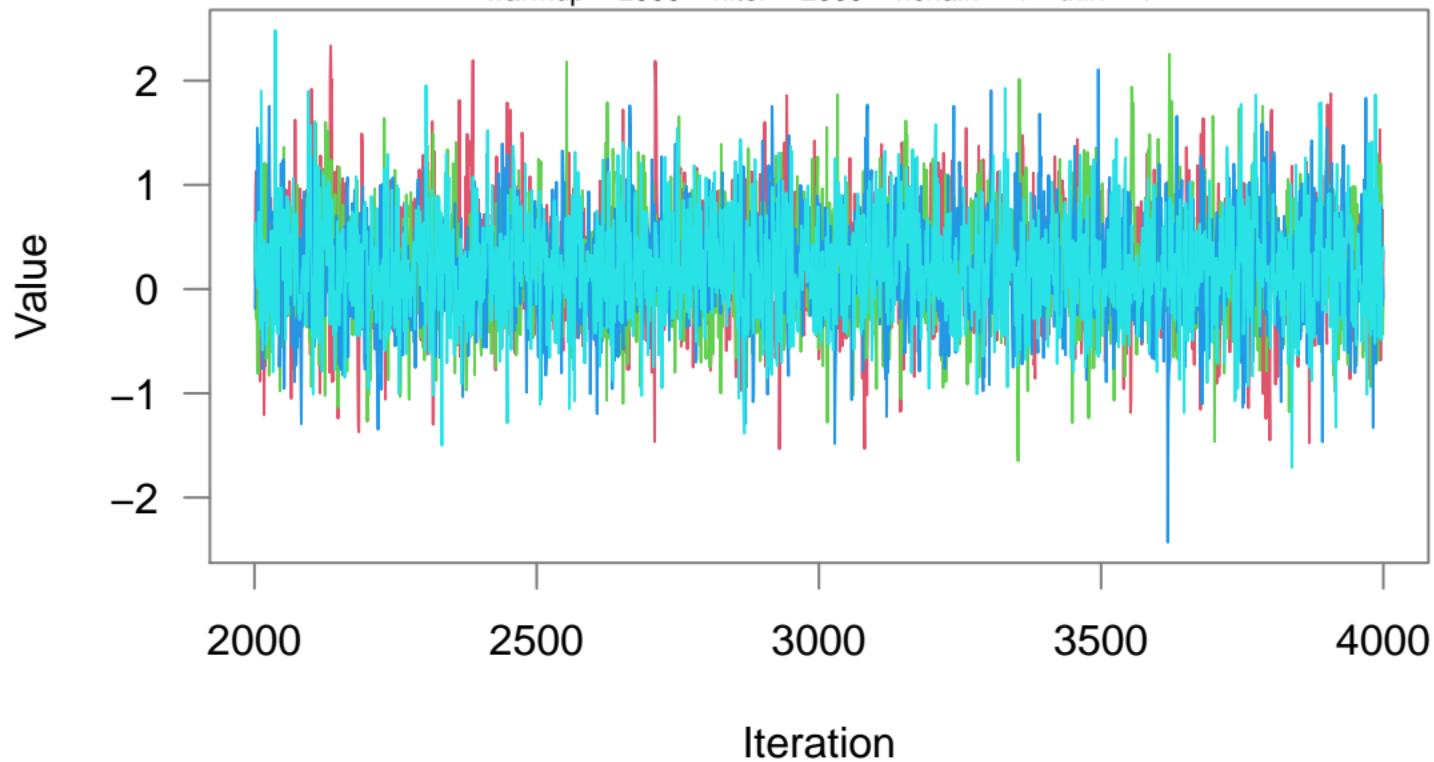
z_2[1,23]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



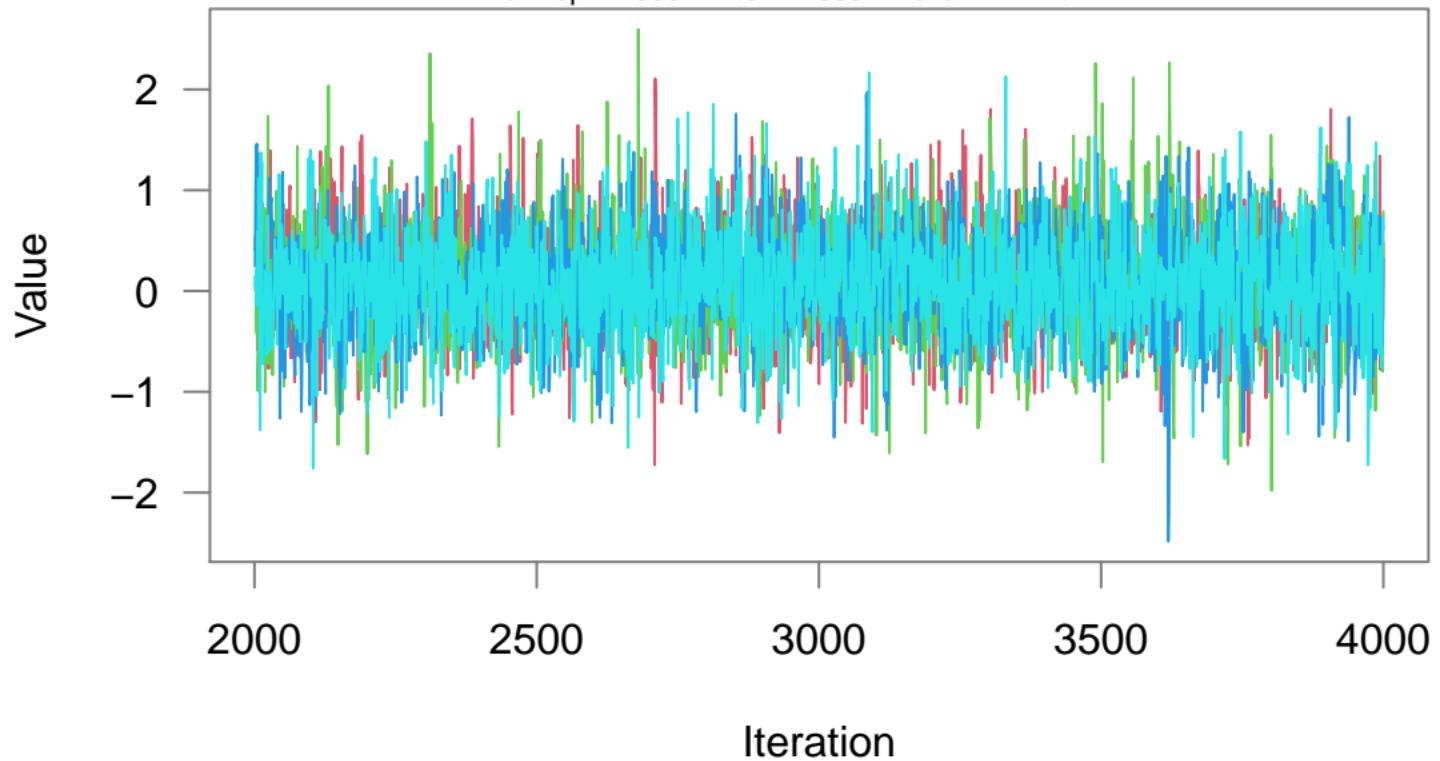
$z_2[1,24]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



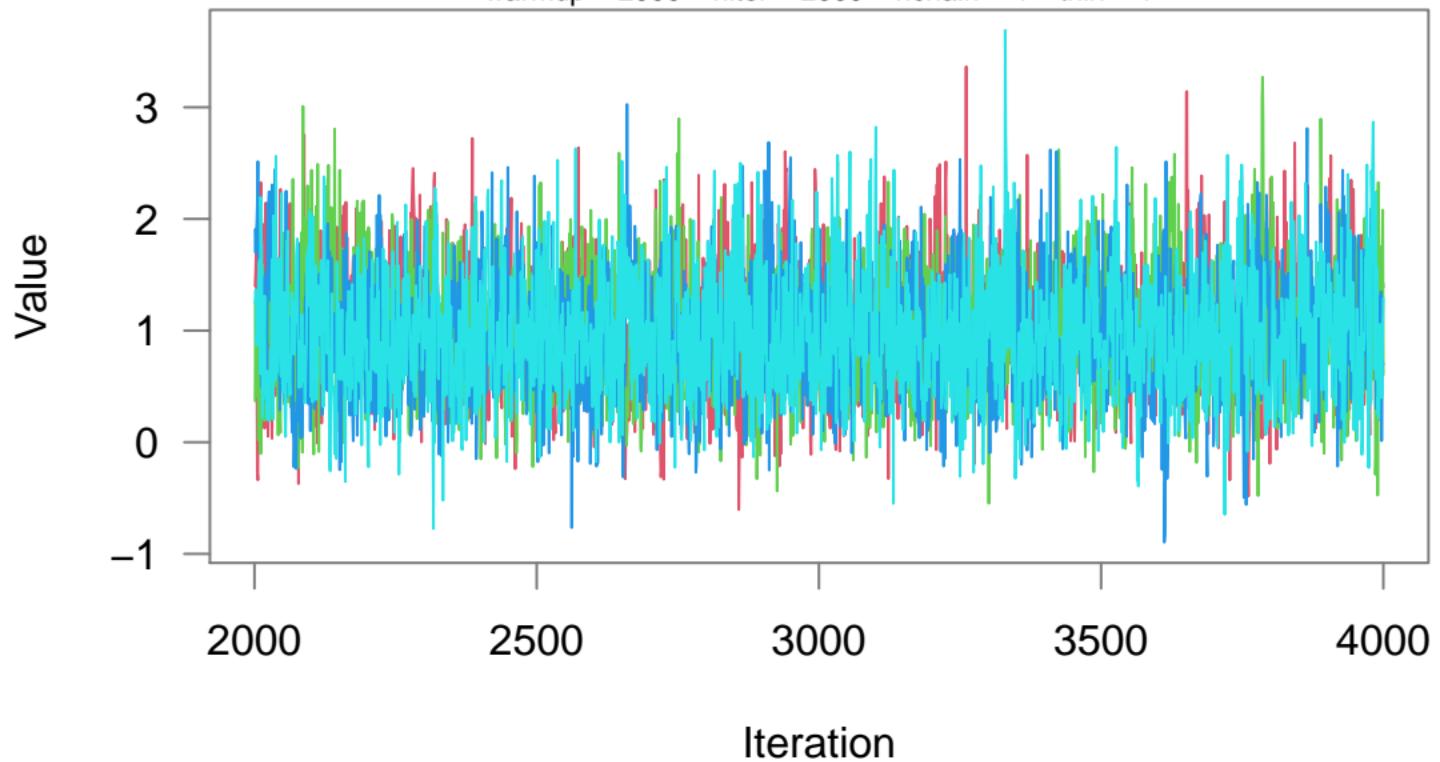
$z_{-2}[1,25]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



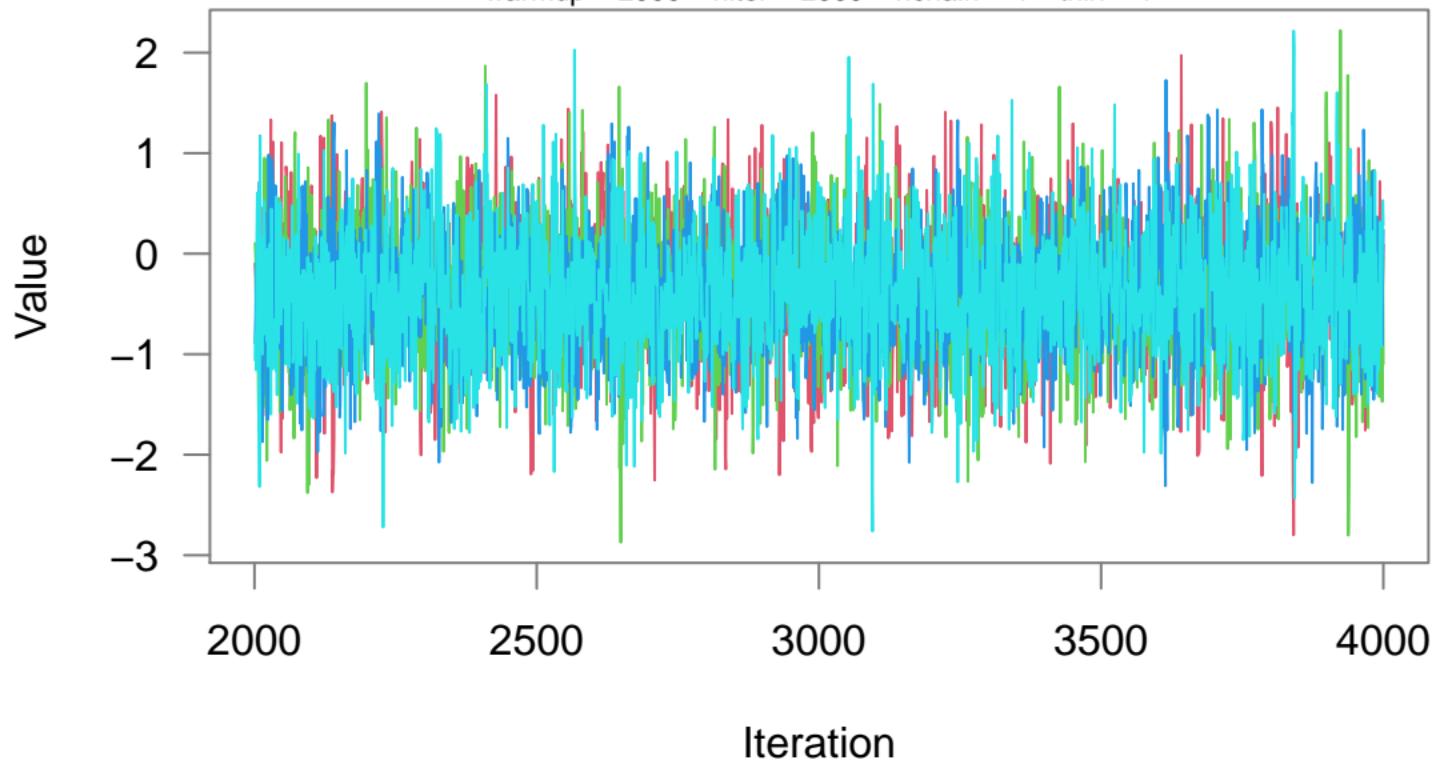
z_2[1,26]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



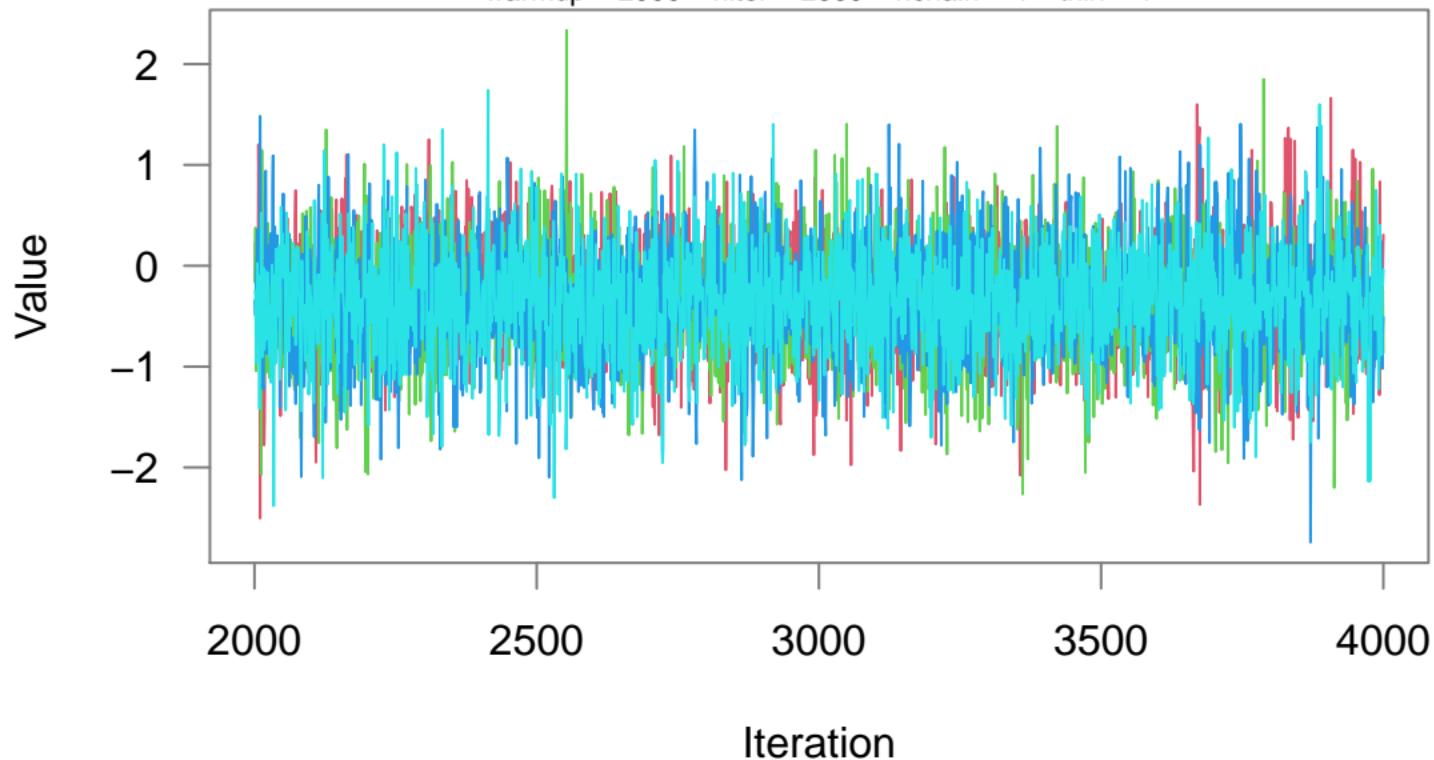
$z_2[1,27]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



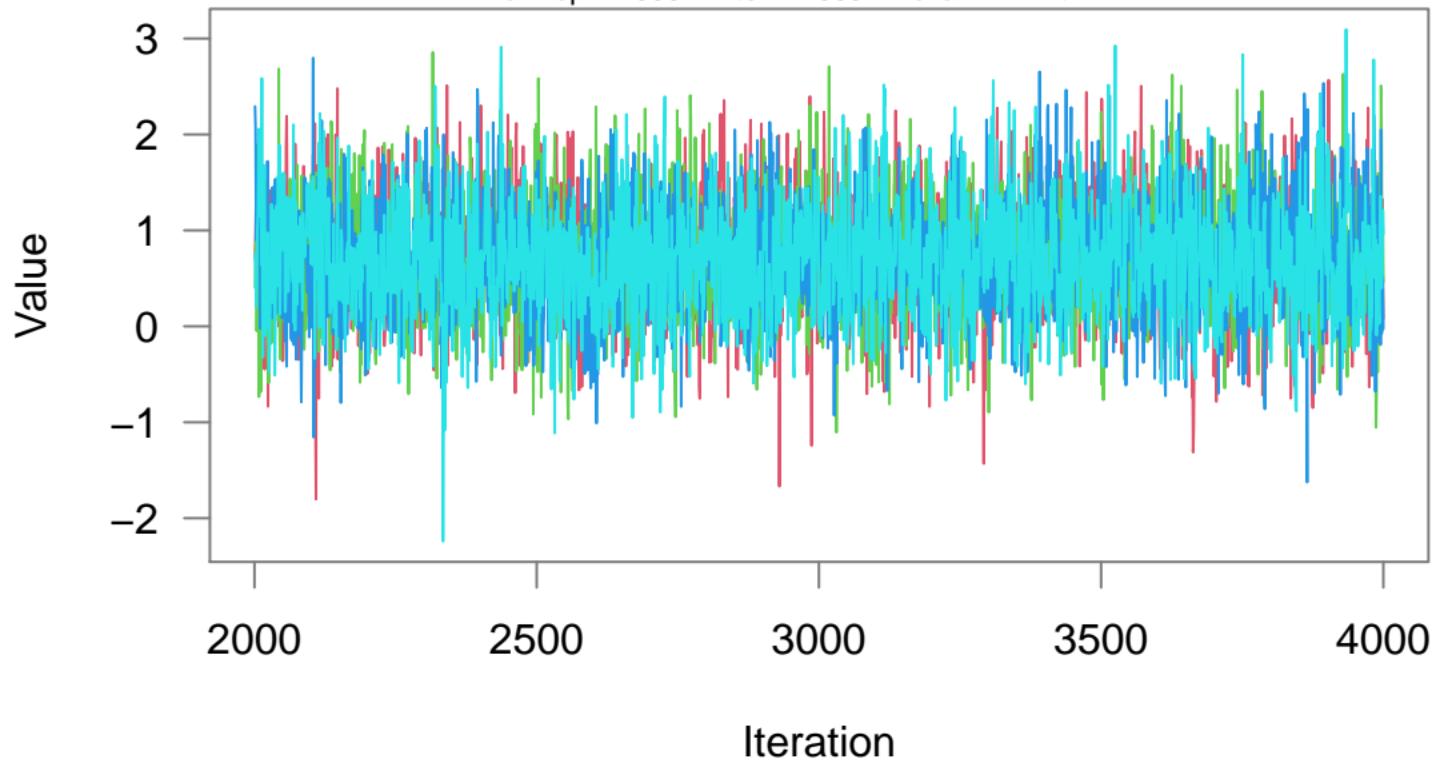
z_2[1,28]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



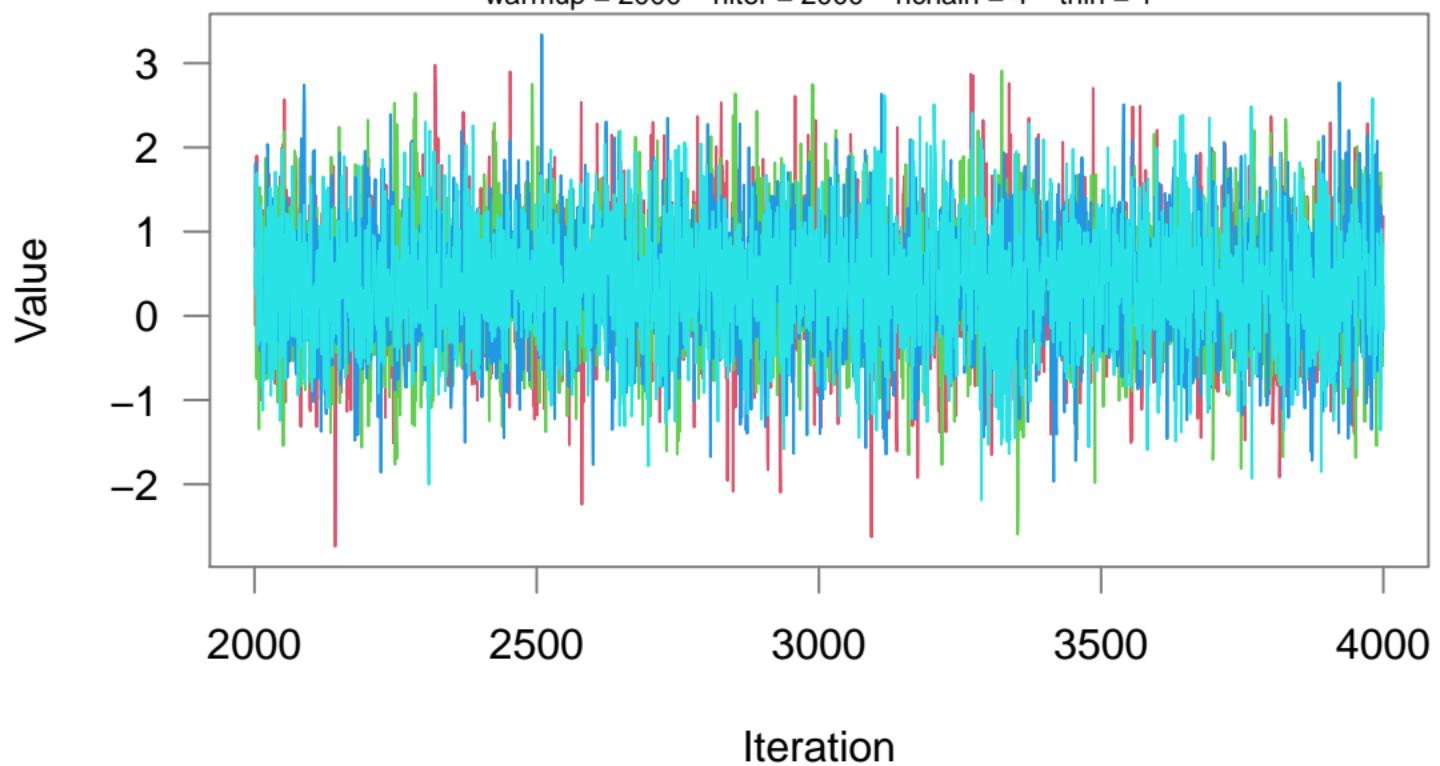
z_2[1,29]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



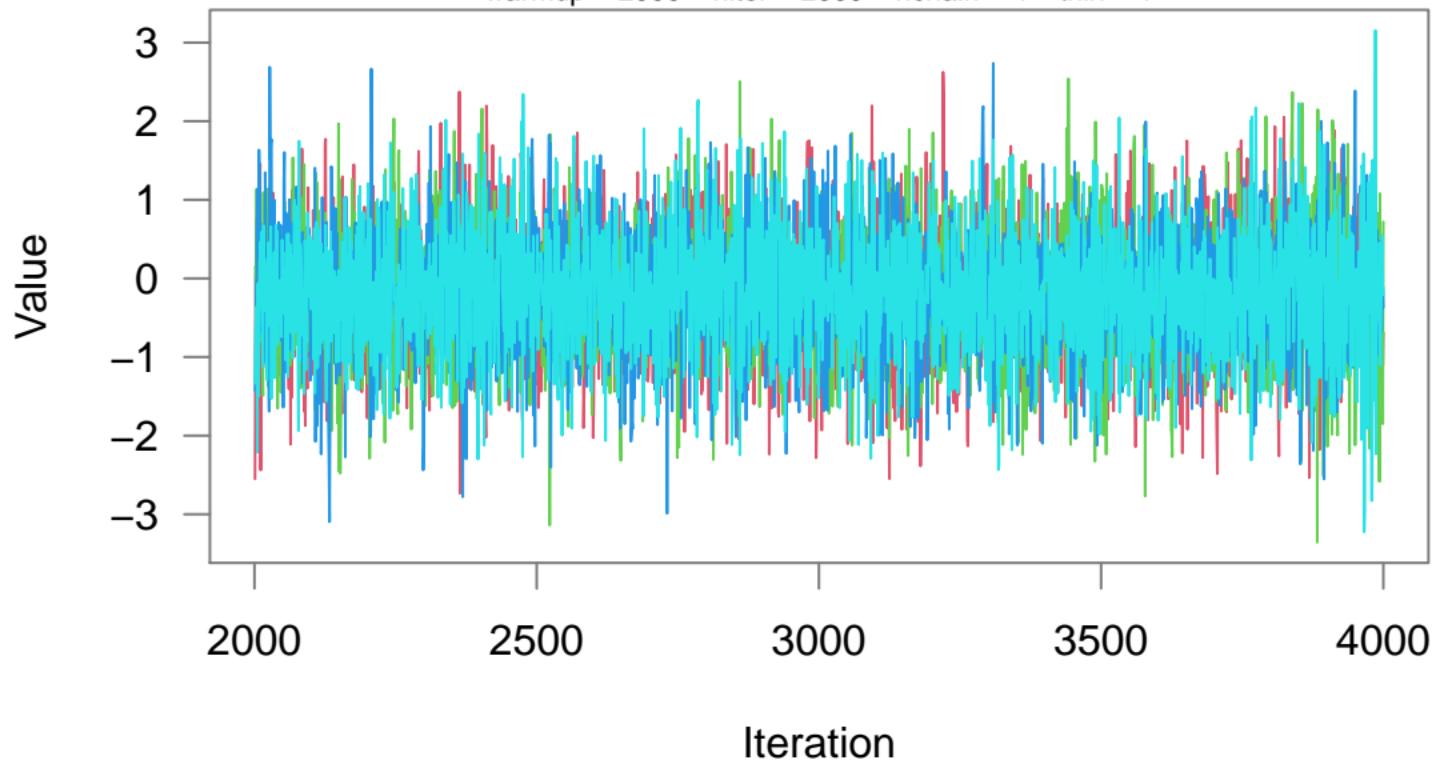
z_2[1,30]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



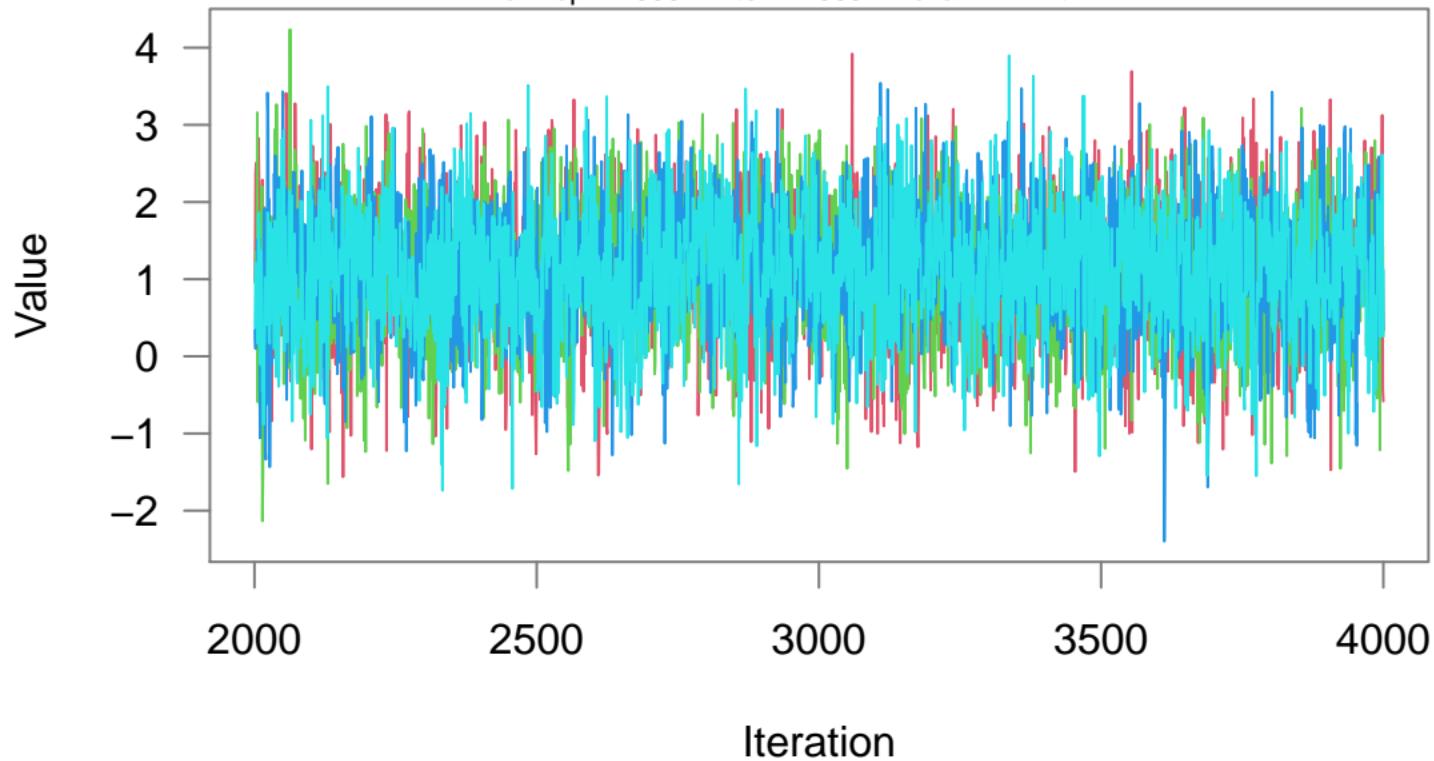
$z_2[1,31]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



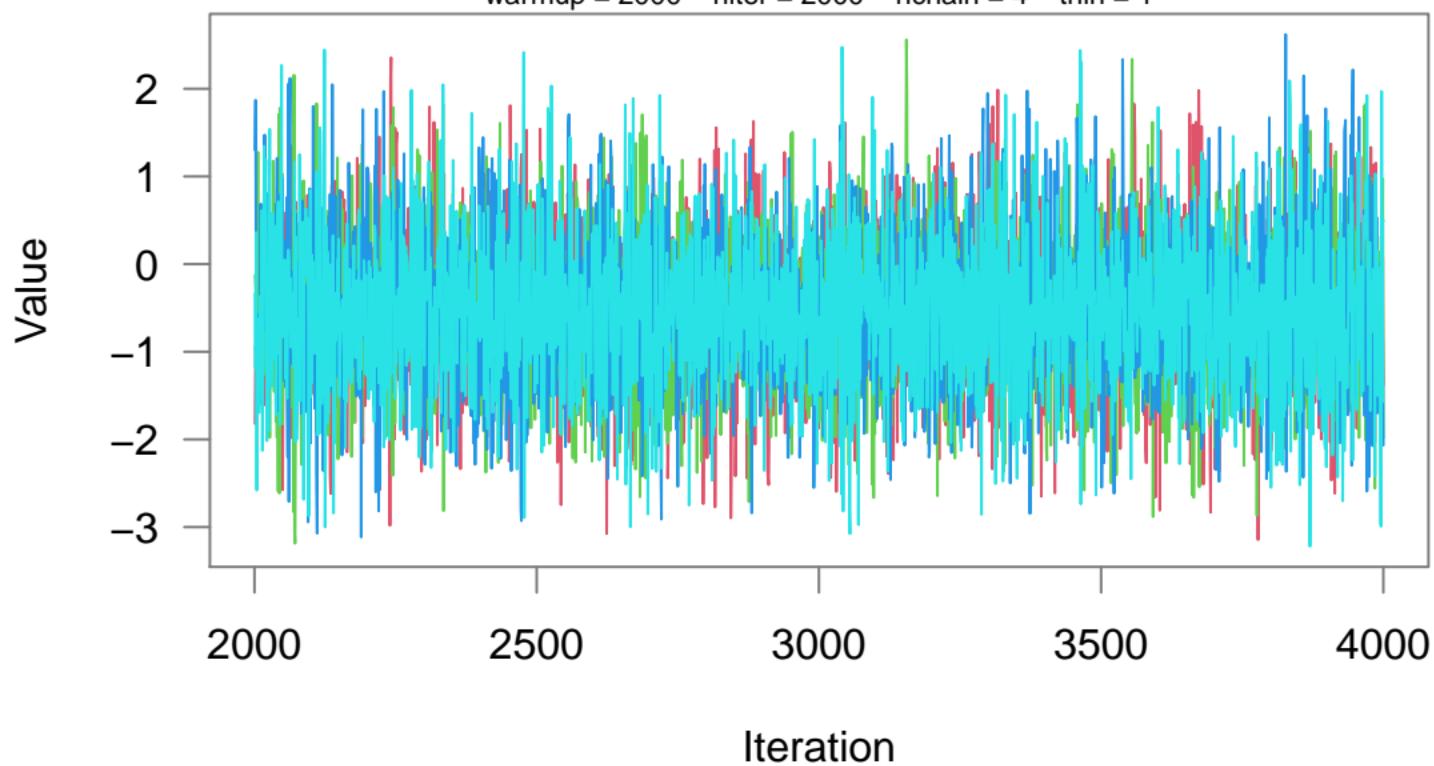
$z_2[1,32]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



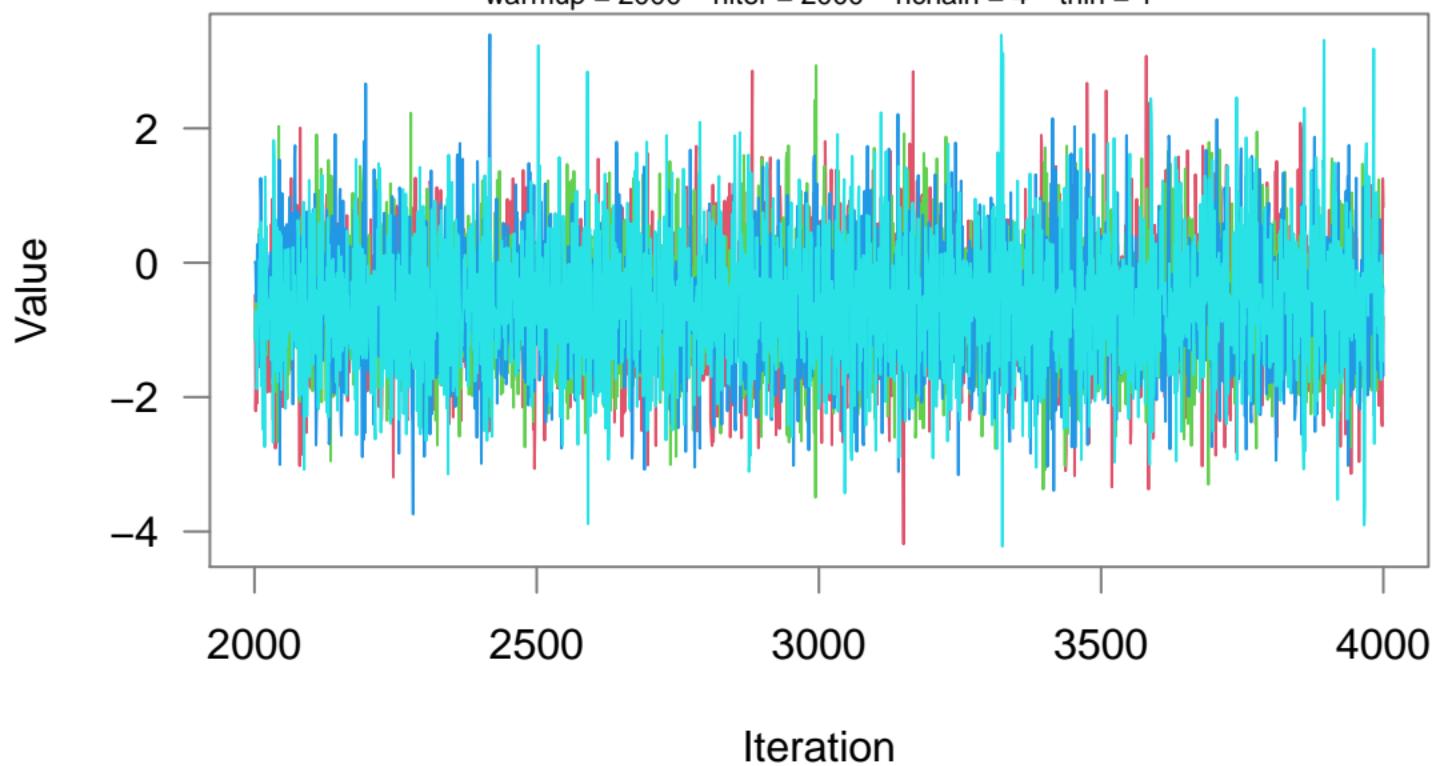
$z_2[1,33]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



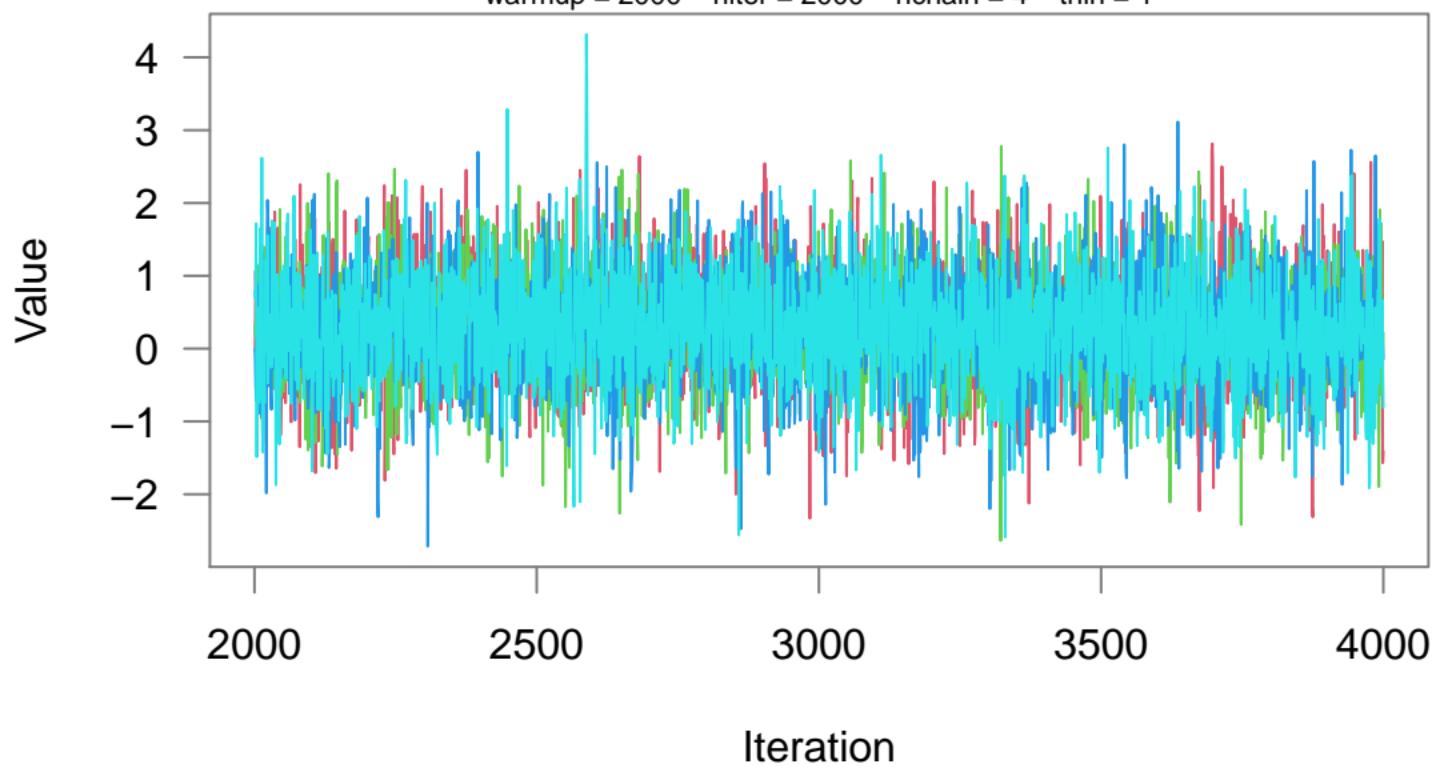
$z_{-2}[1,34]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



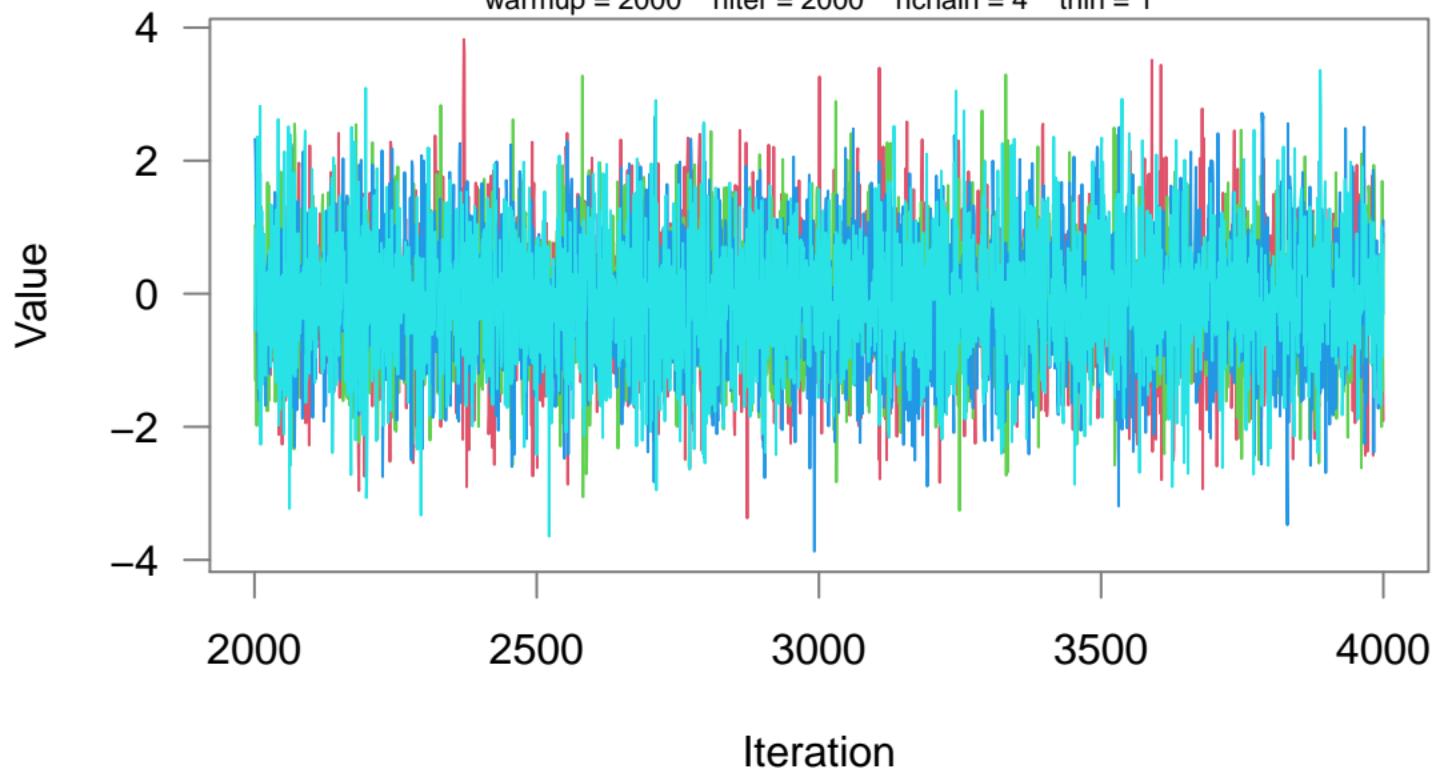
z_2[1,35]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

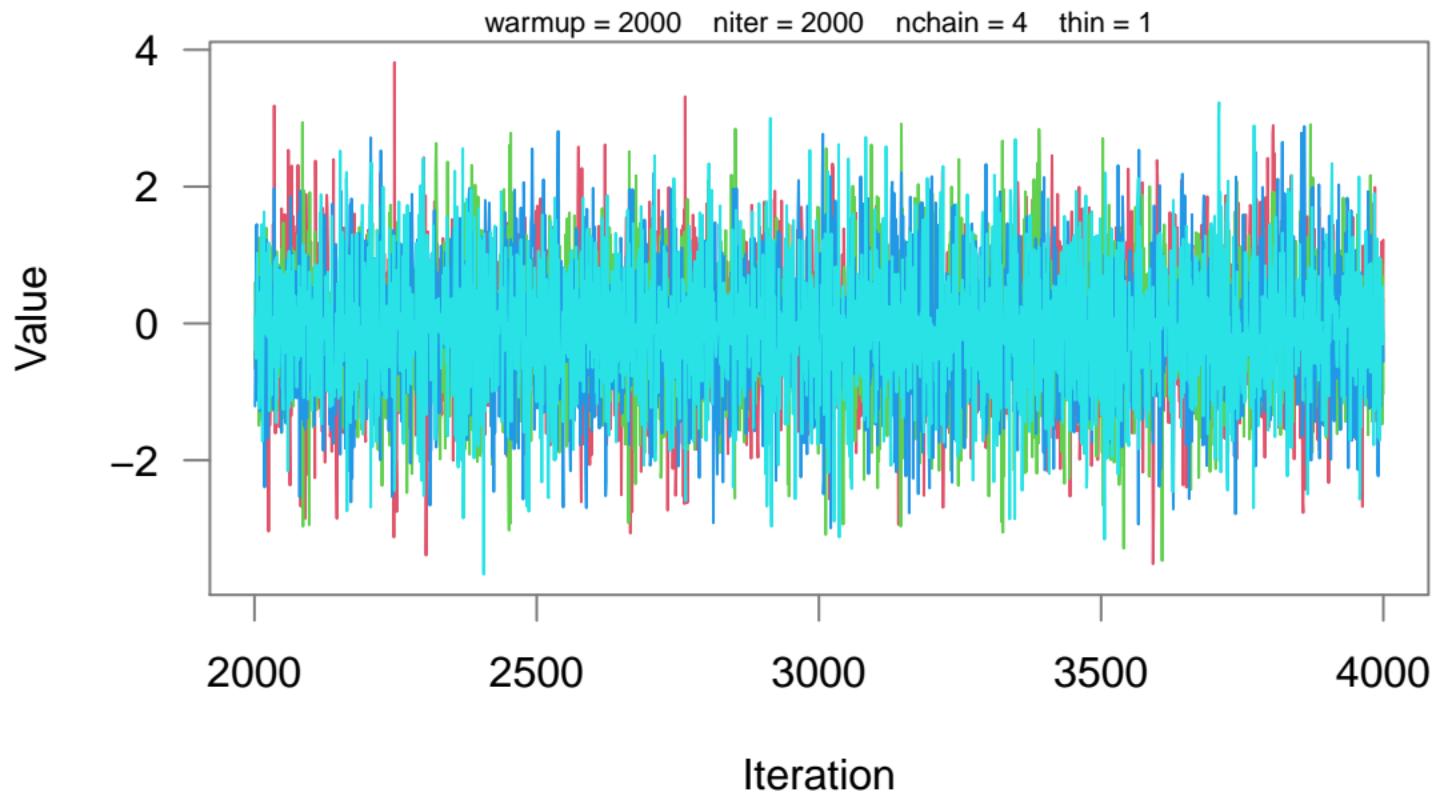


z_2[1,36]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

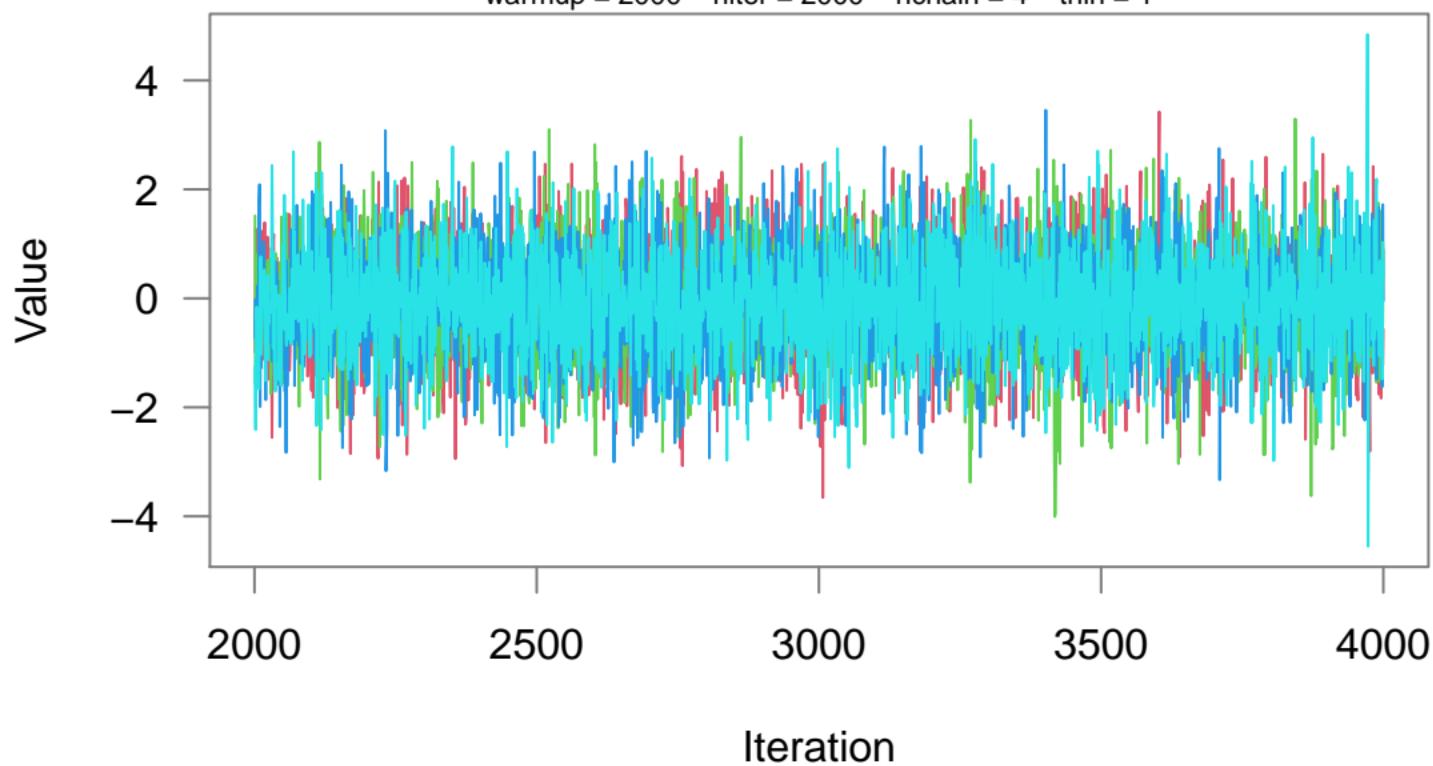


z_2[1,37]



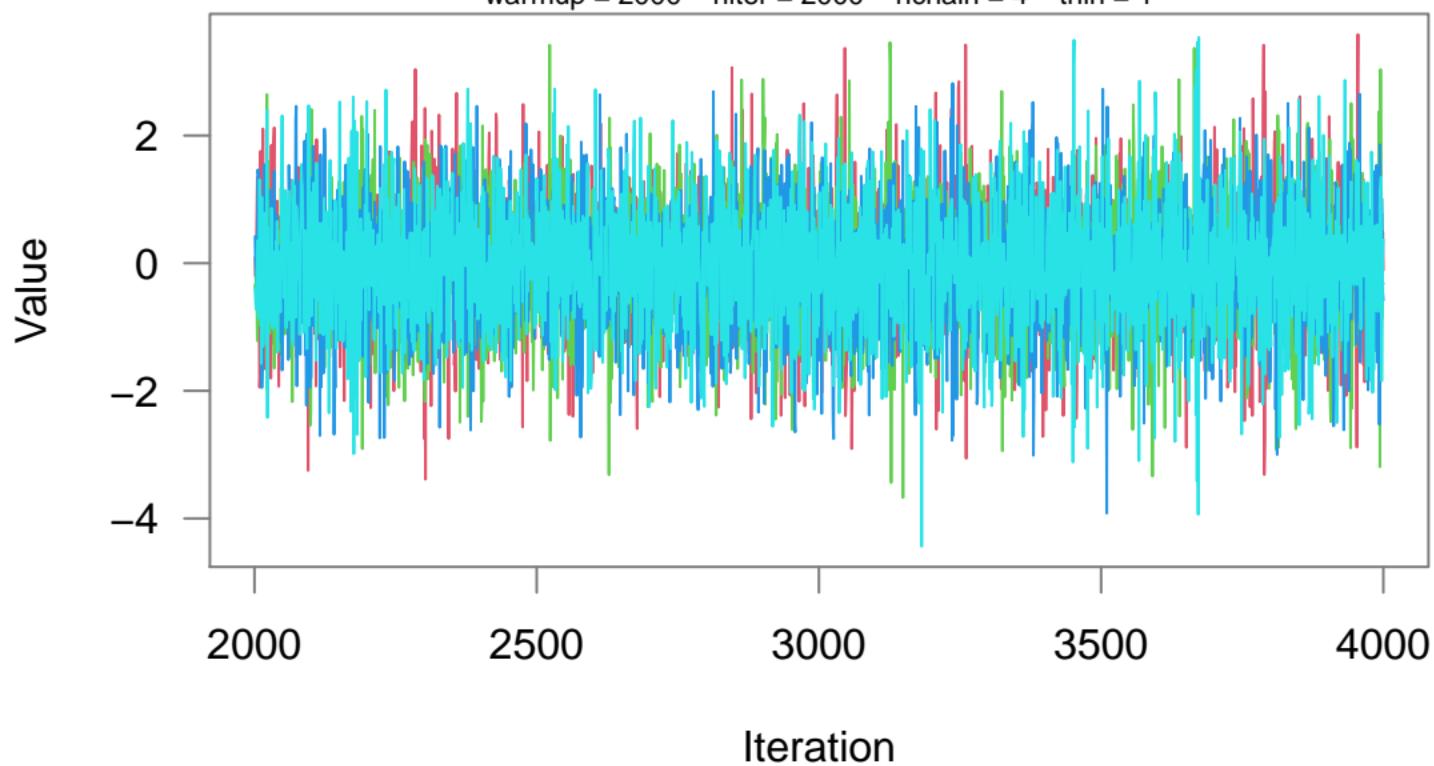
z_2[1,38]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



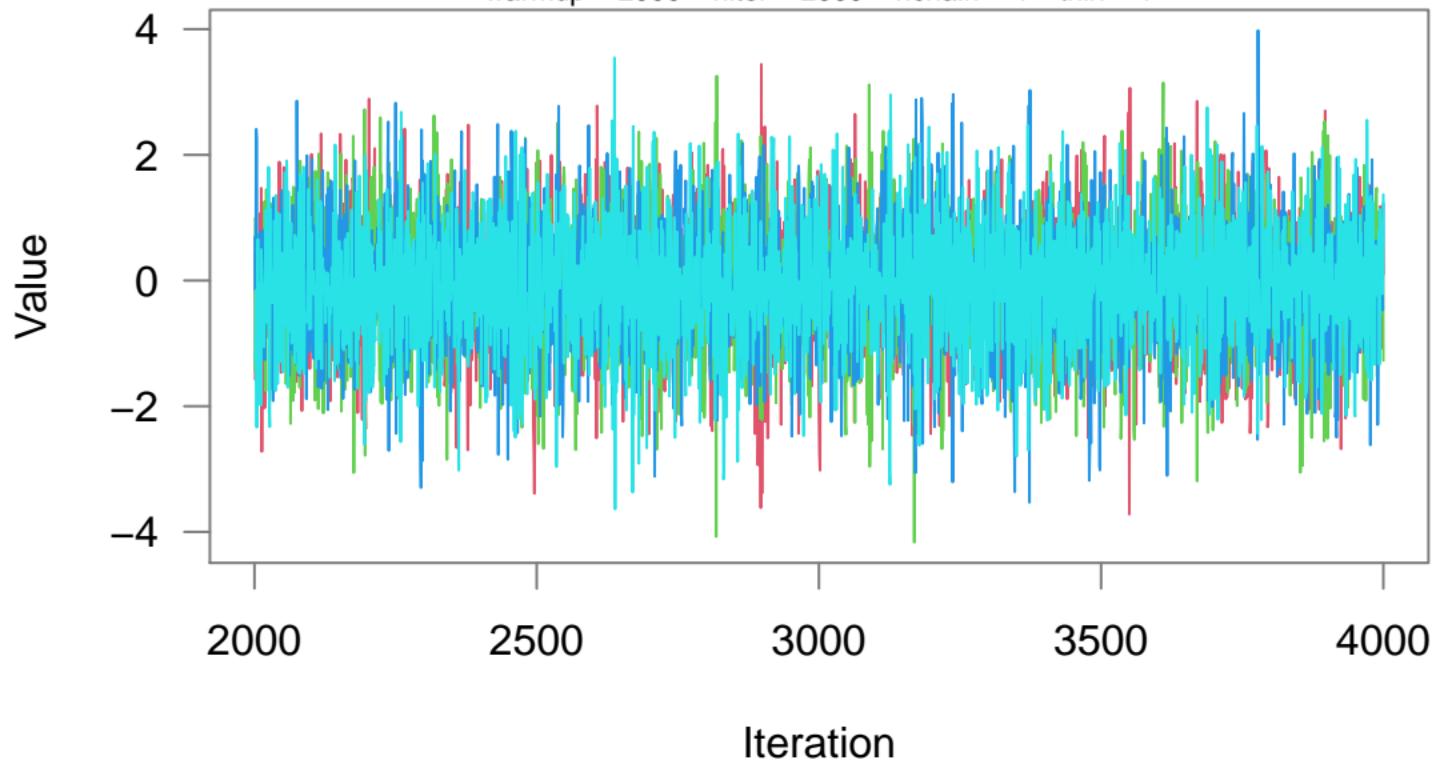
$z_2[1,39]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



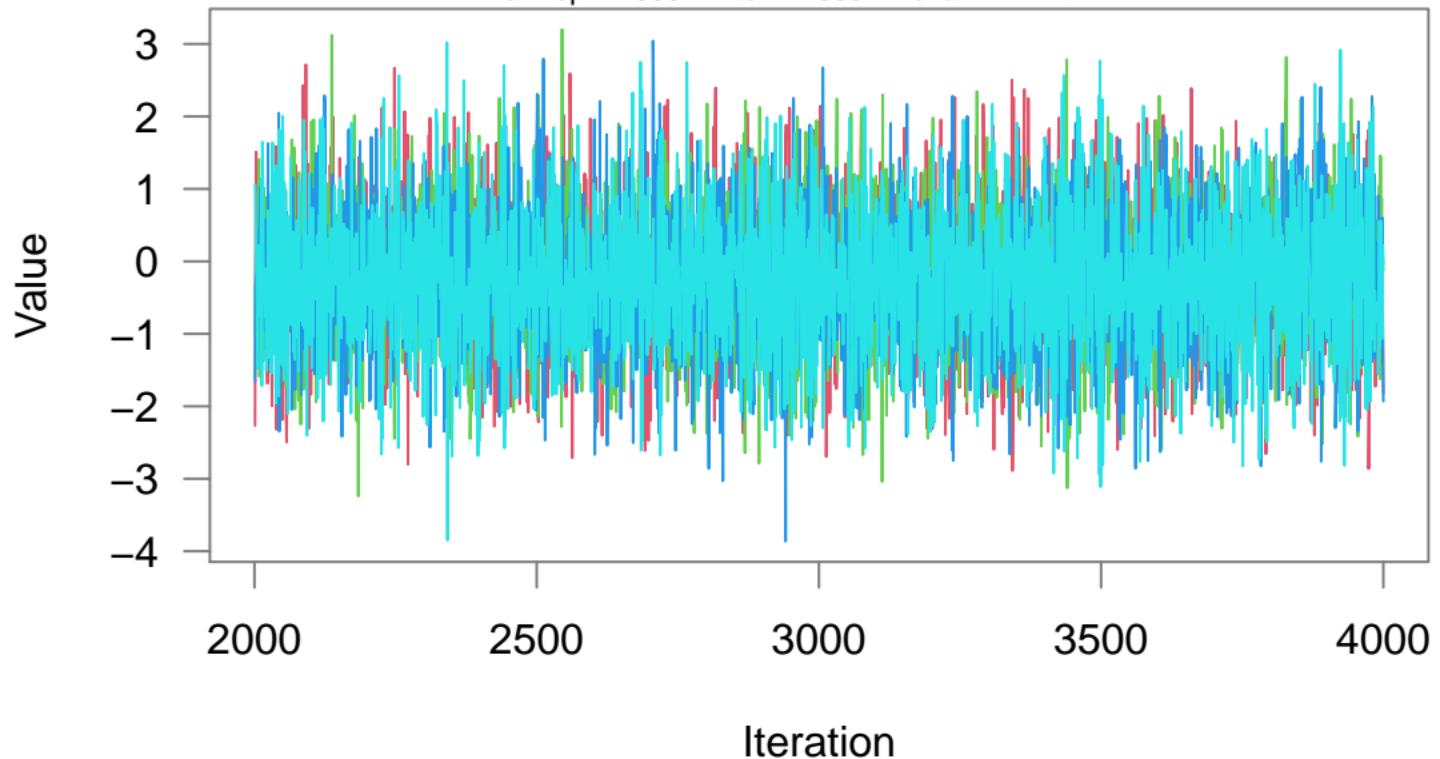
z_2[1,40]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



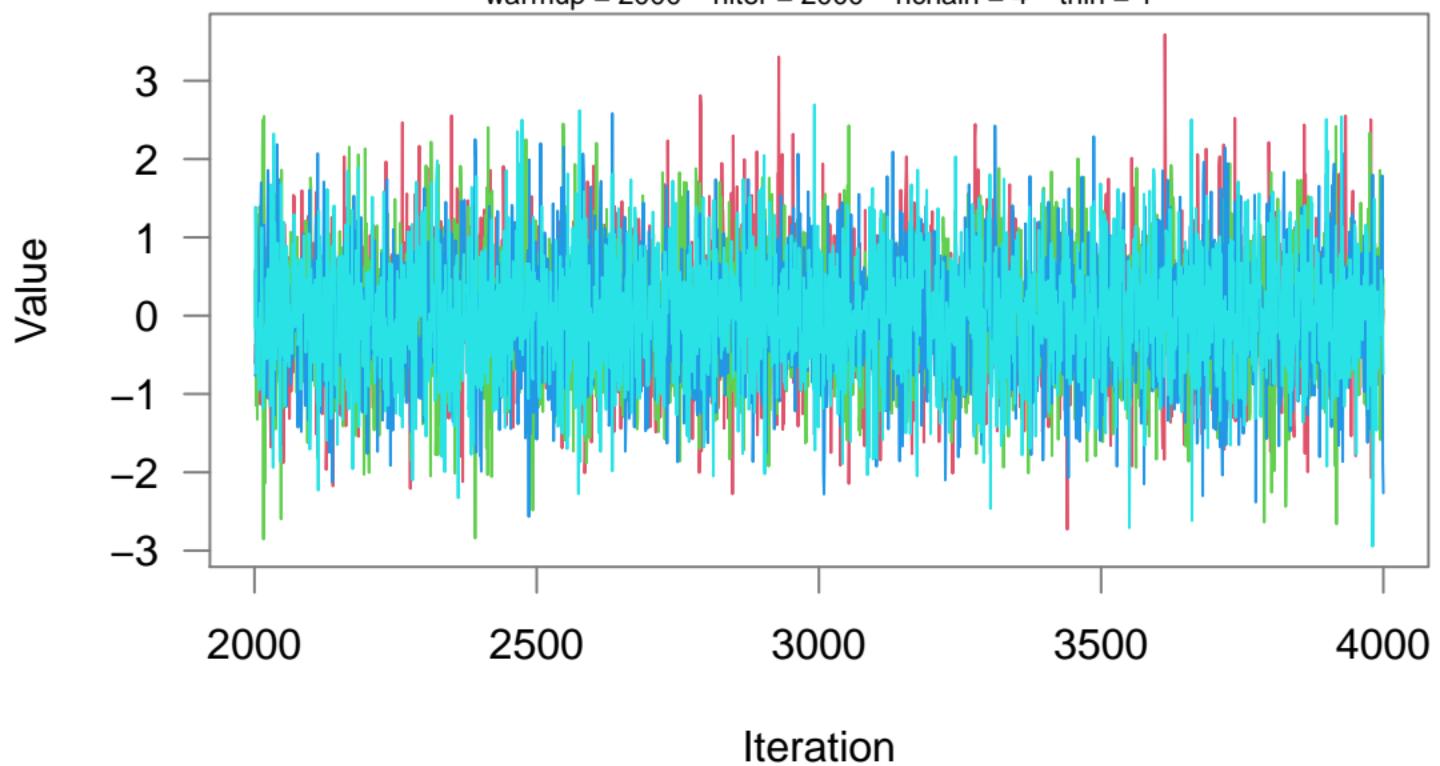
z_2[1,41]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



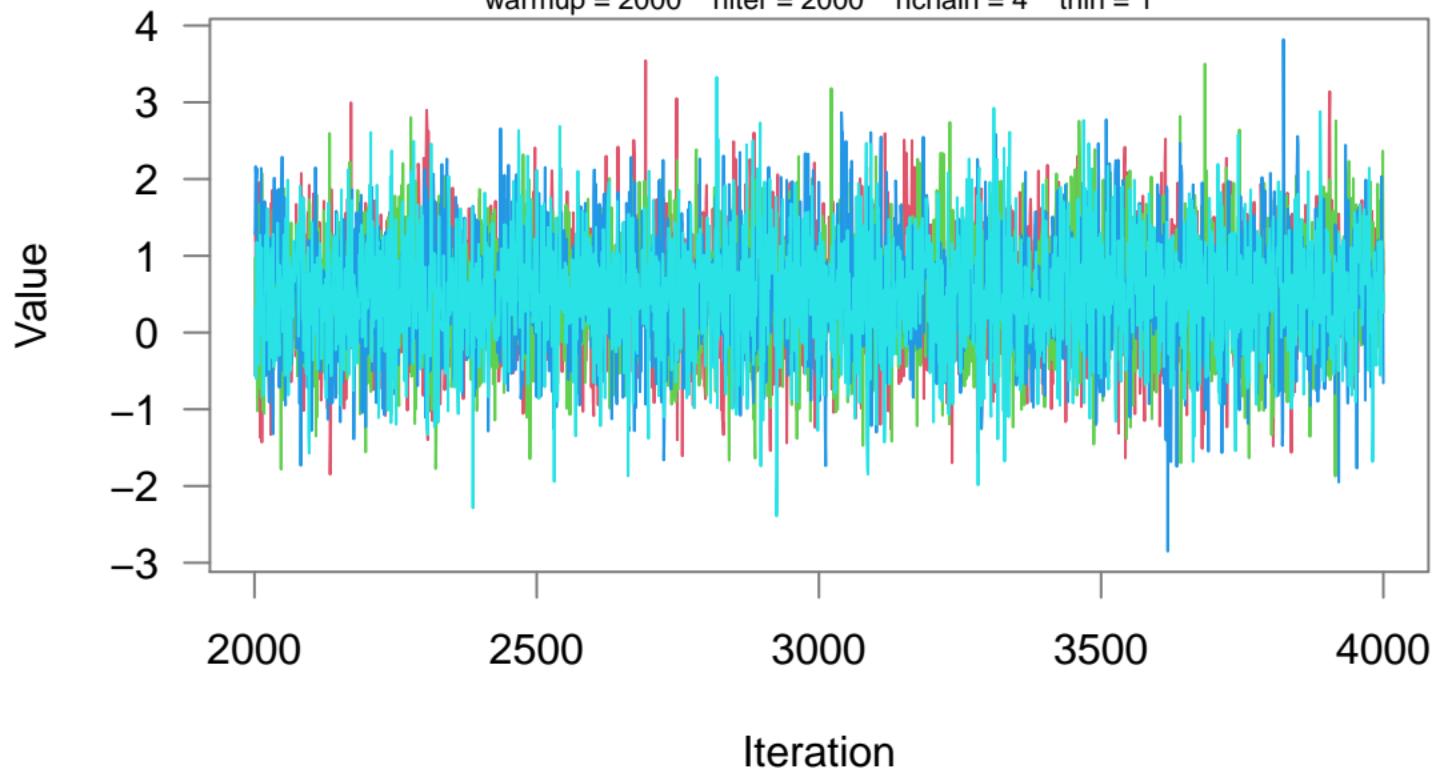
z_2[1,42]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

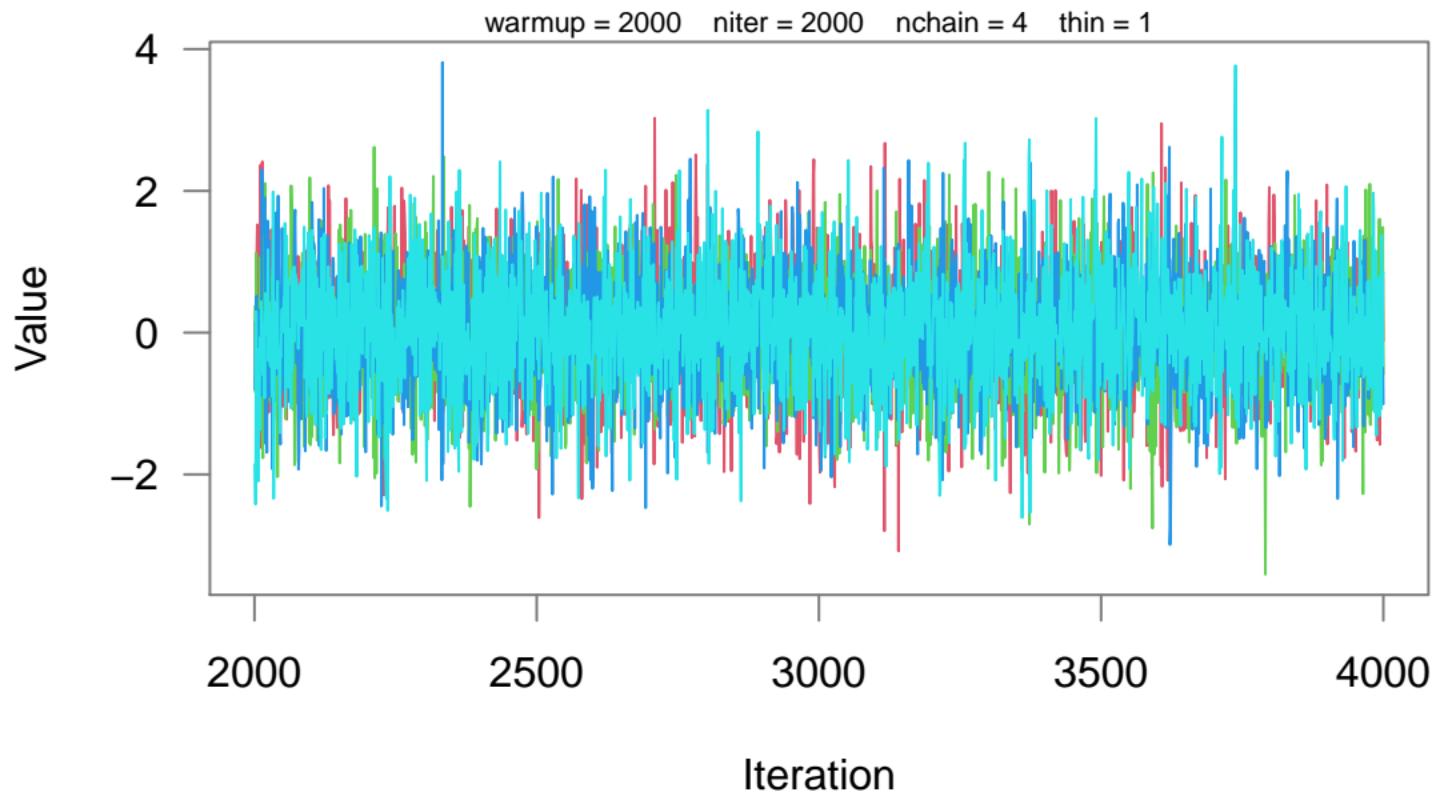


z_2[1,43]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

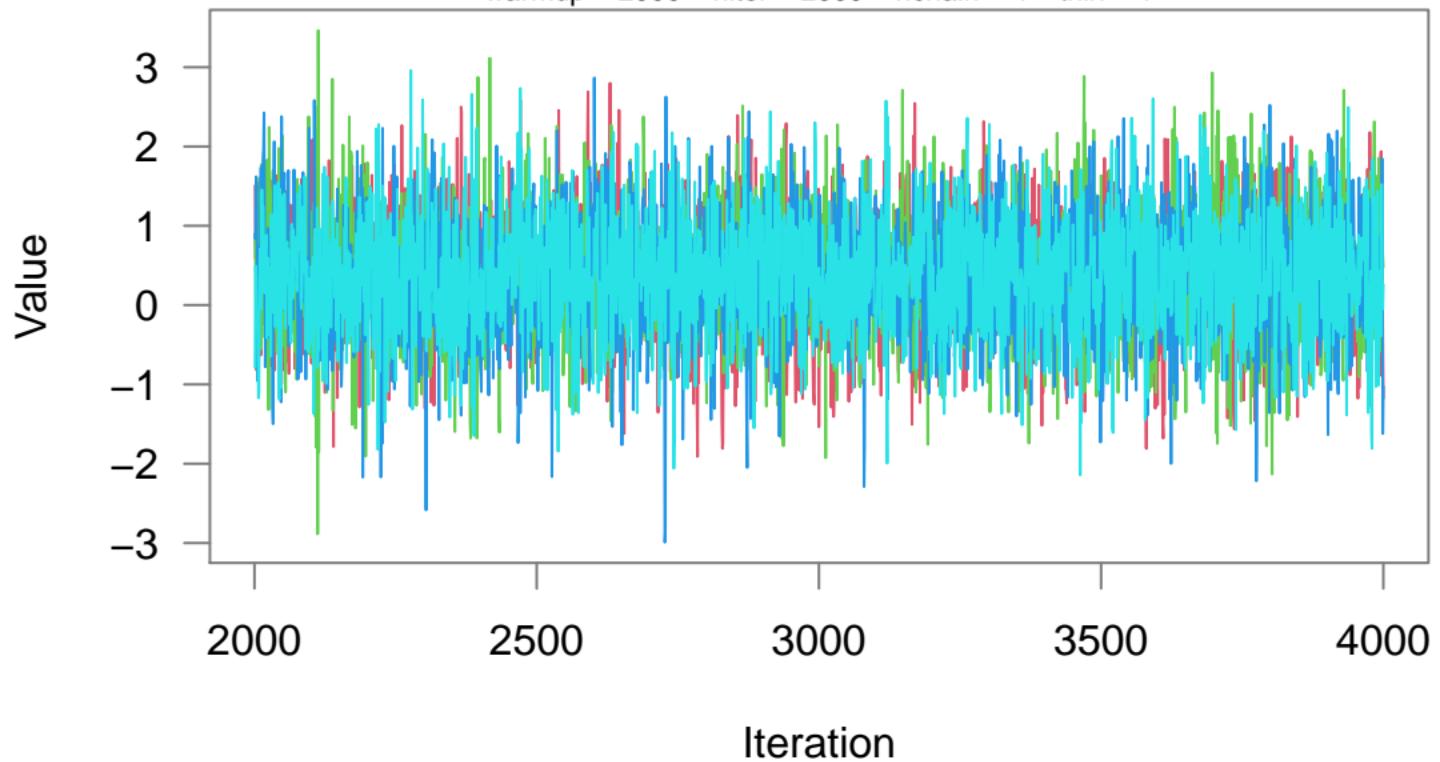


$z_2[1,44]$



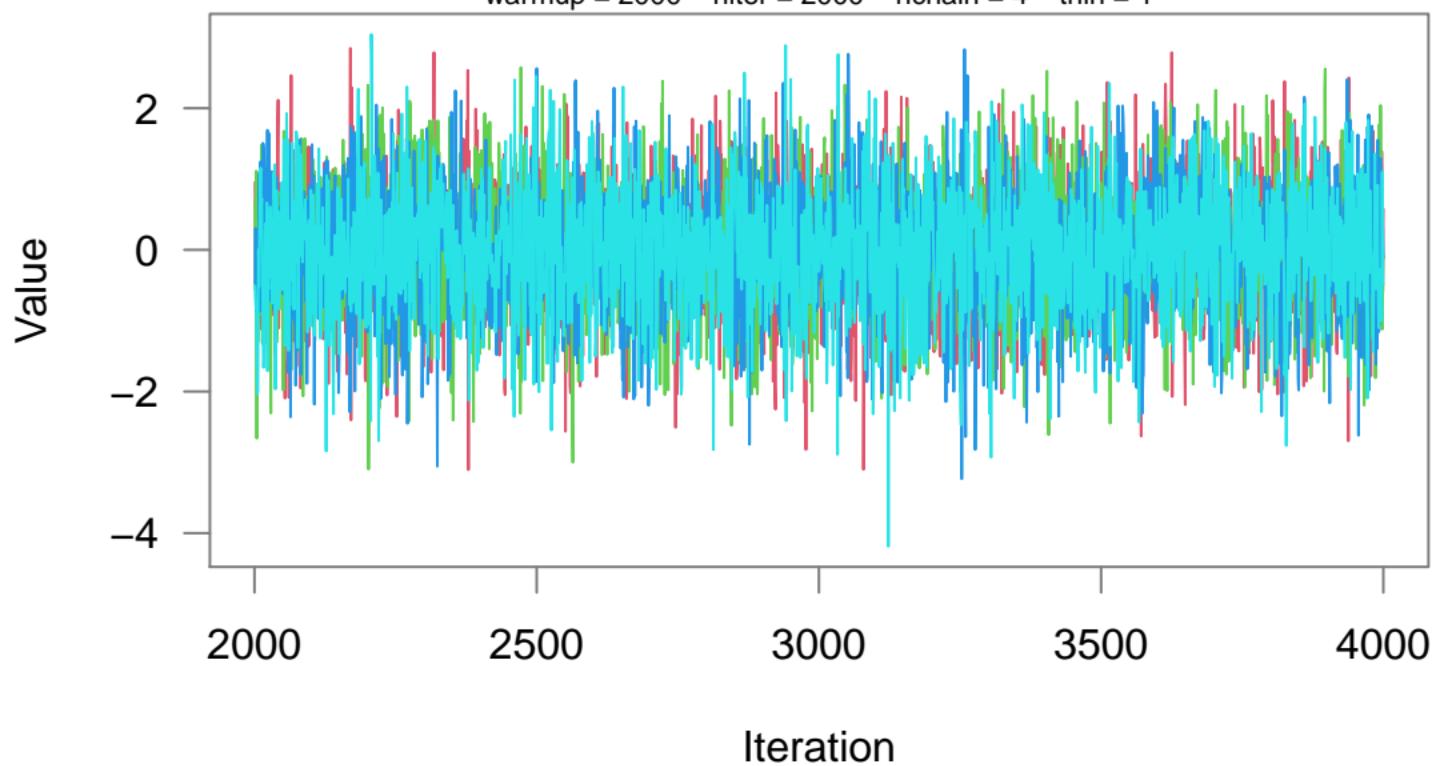
z_2[1,45]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



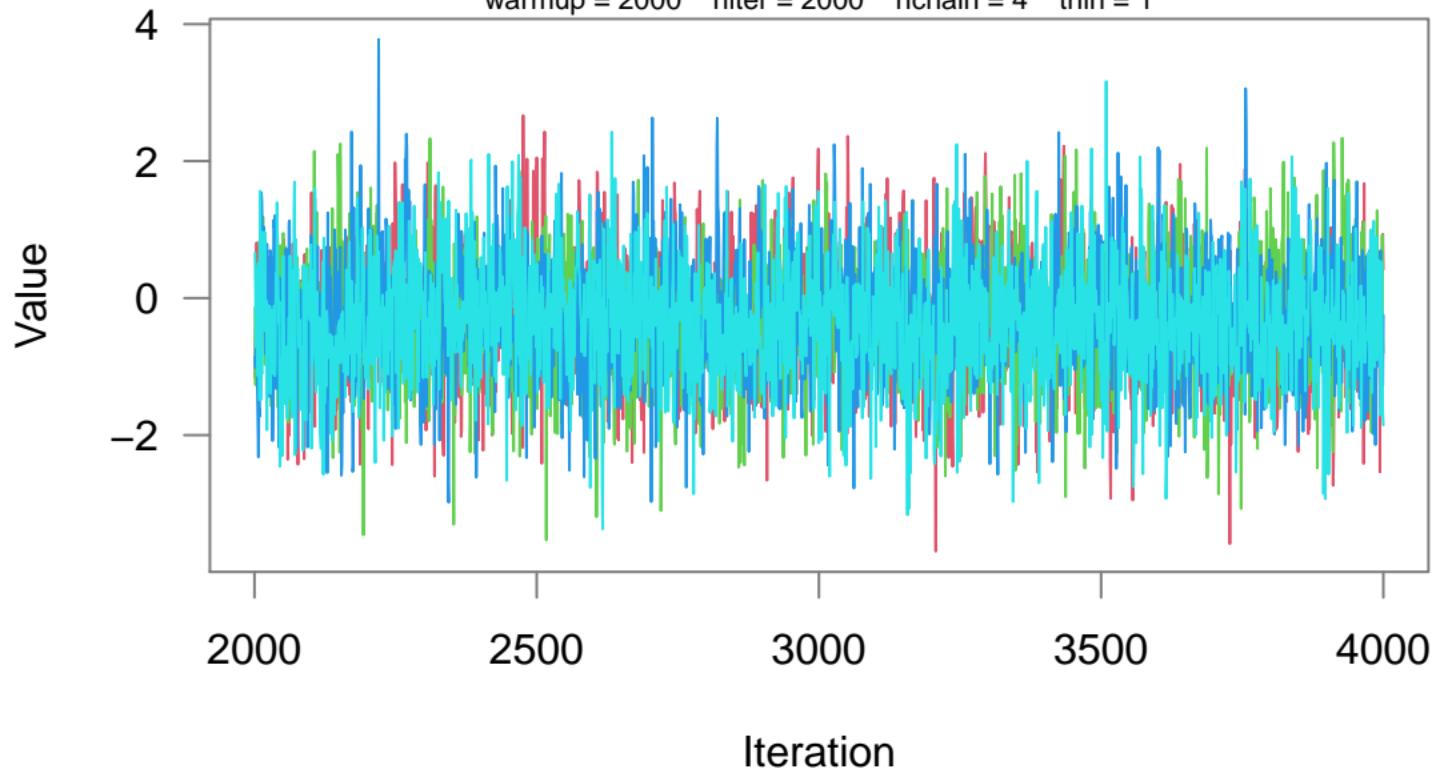
z_3[1,1]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



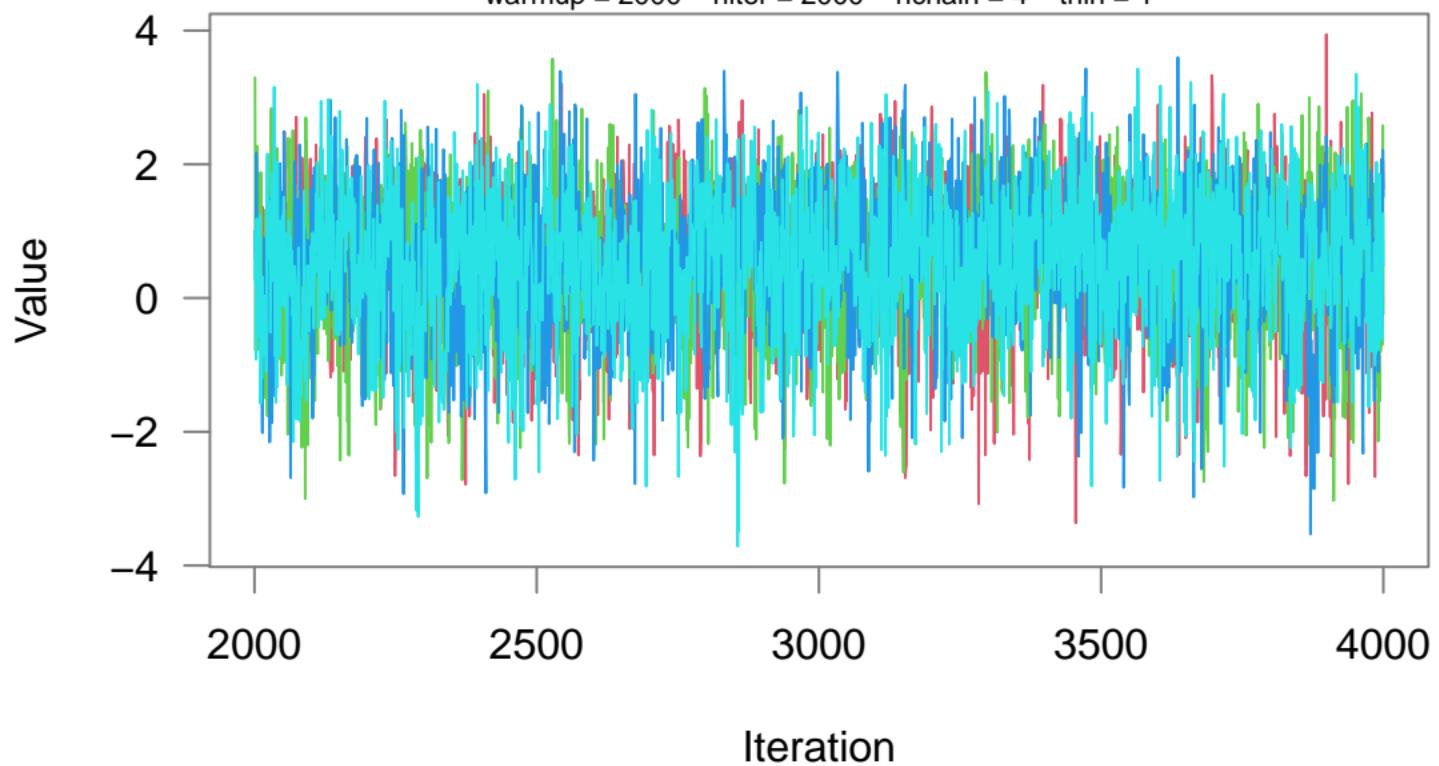
z_3[1,2]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



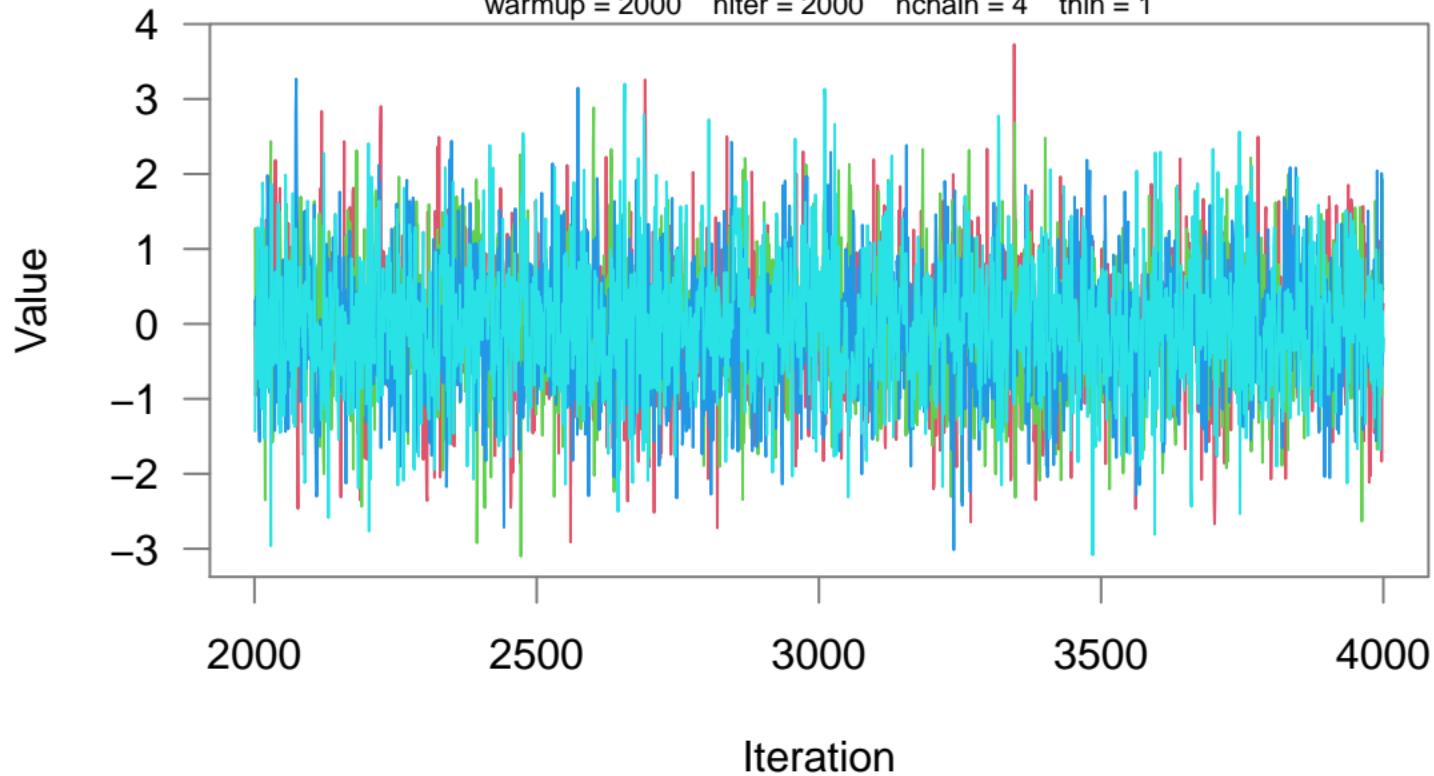
z_3[1,3]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



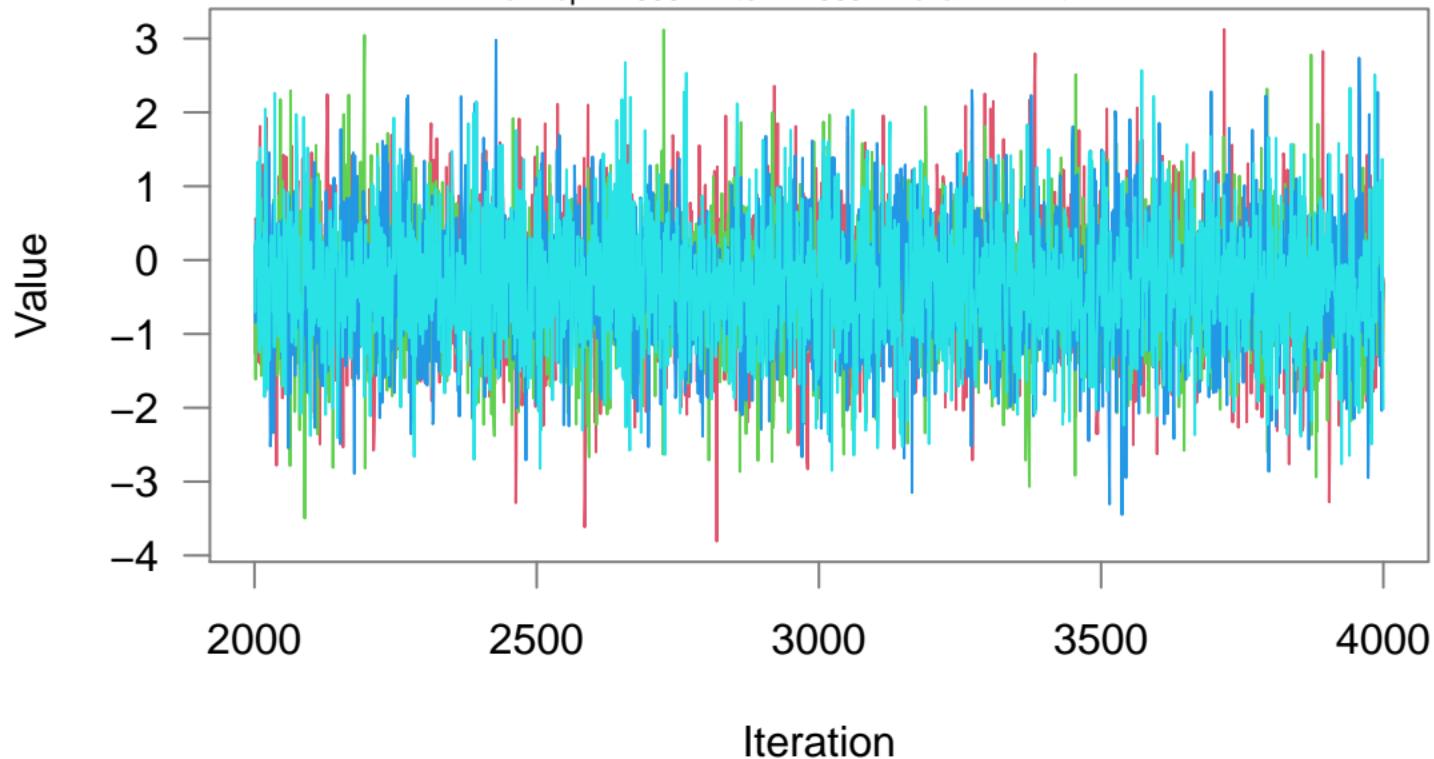
z_3[1,4]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



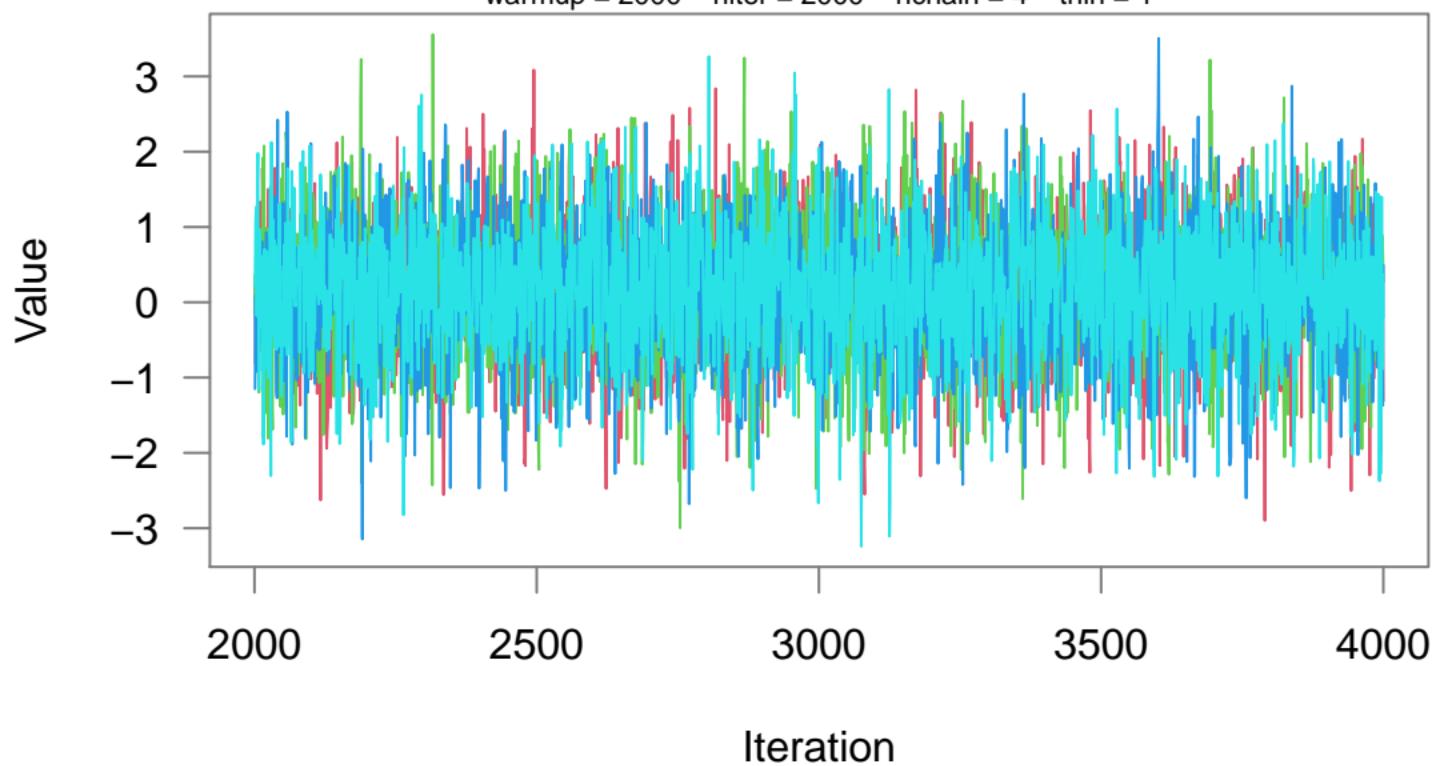
z_3[1,5]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



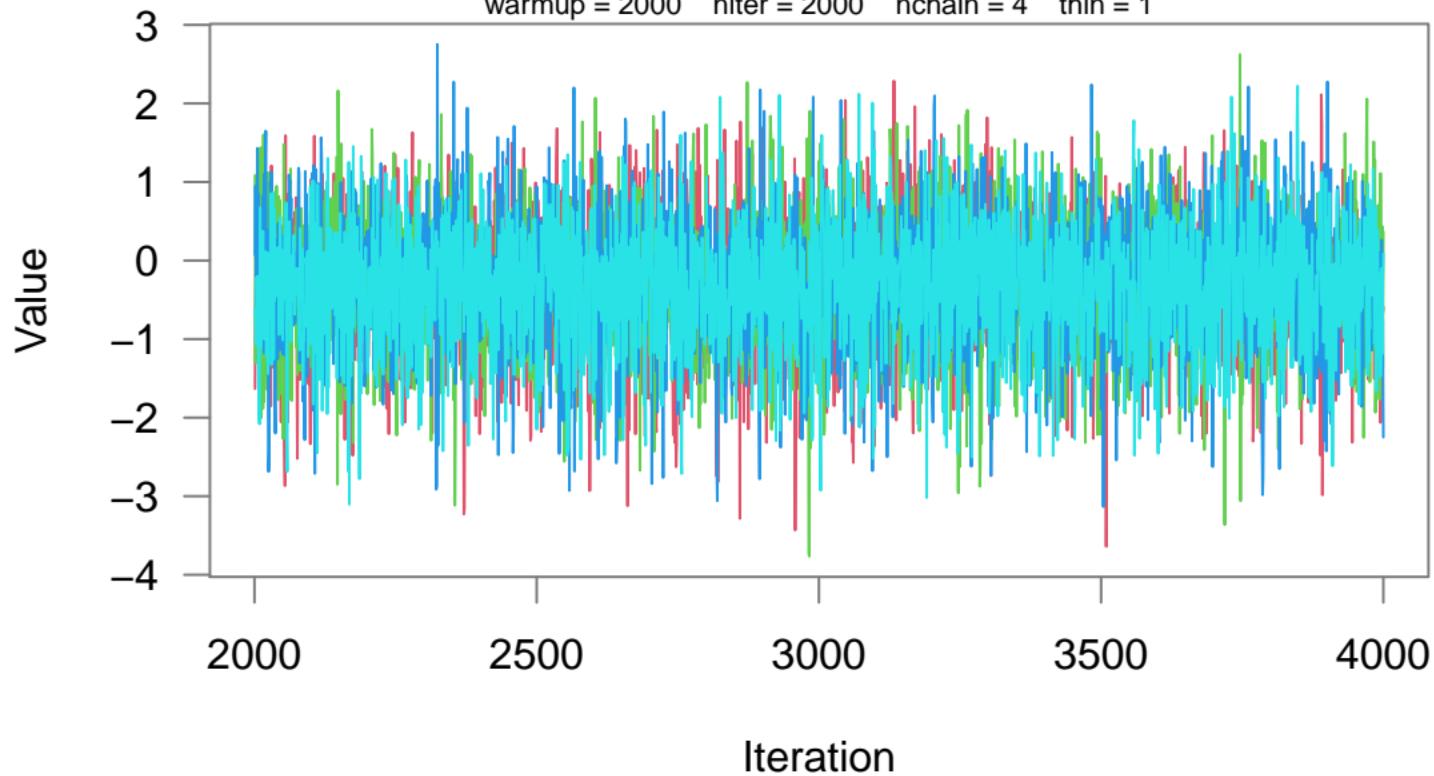
z_3[1,6]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



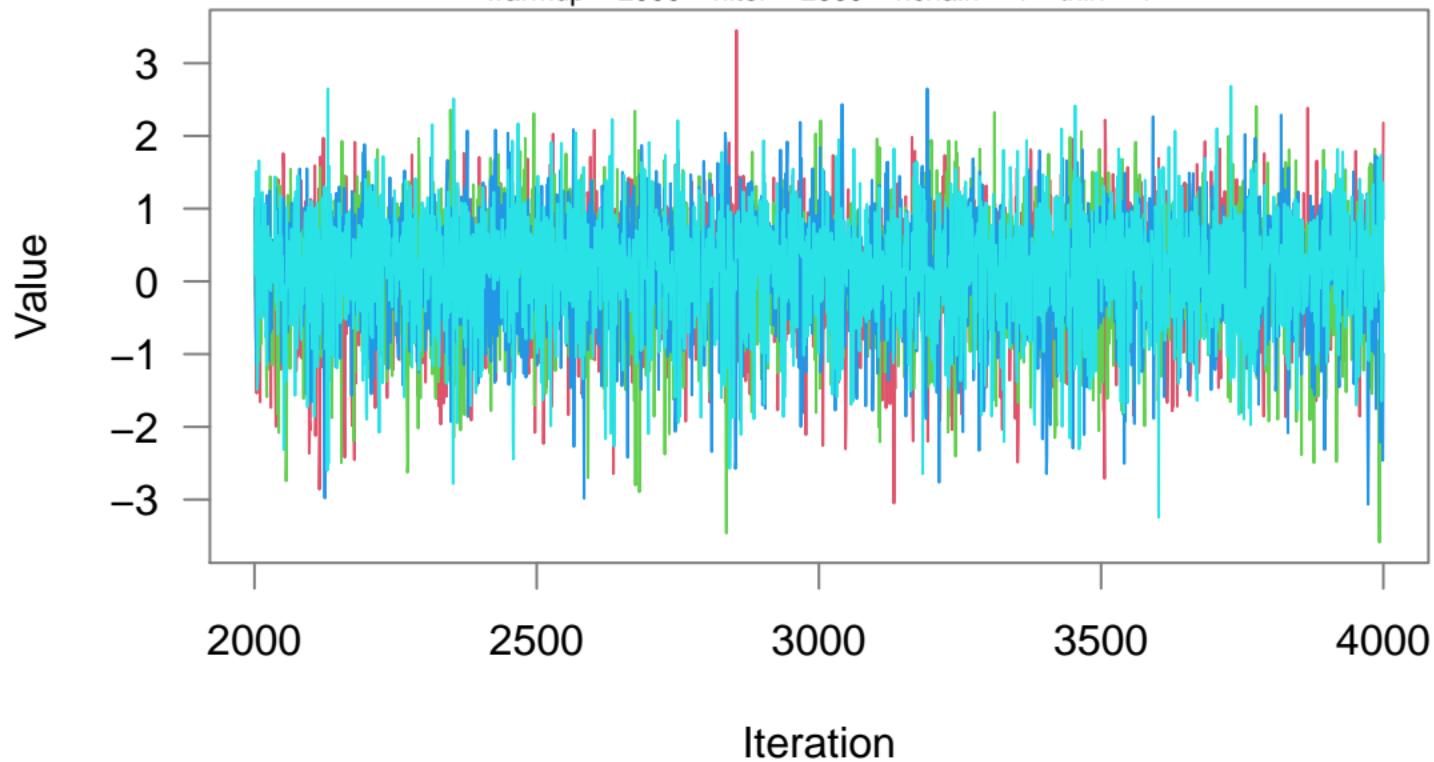
$z_{-4}[1,1]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



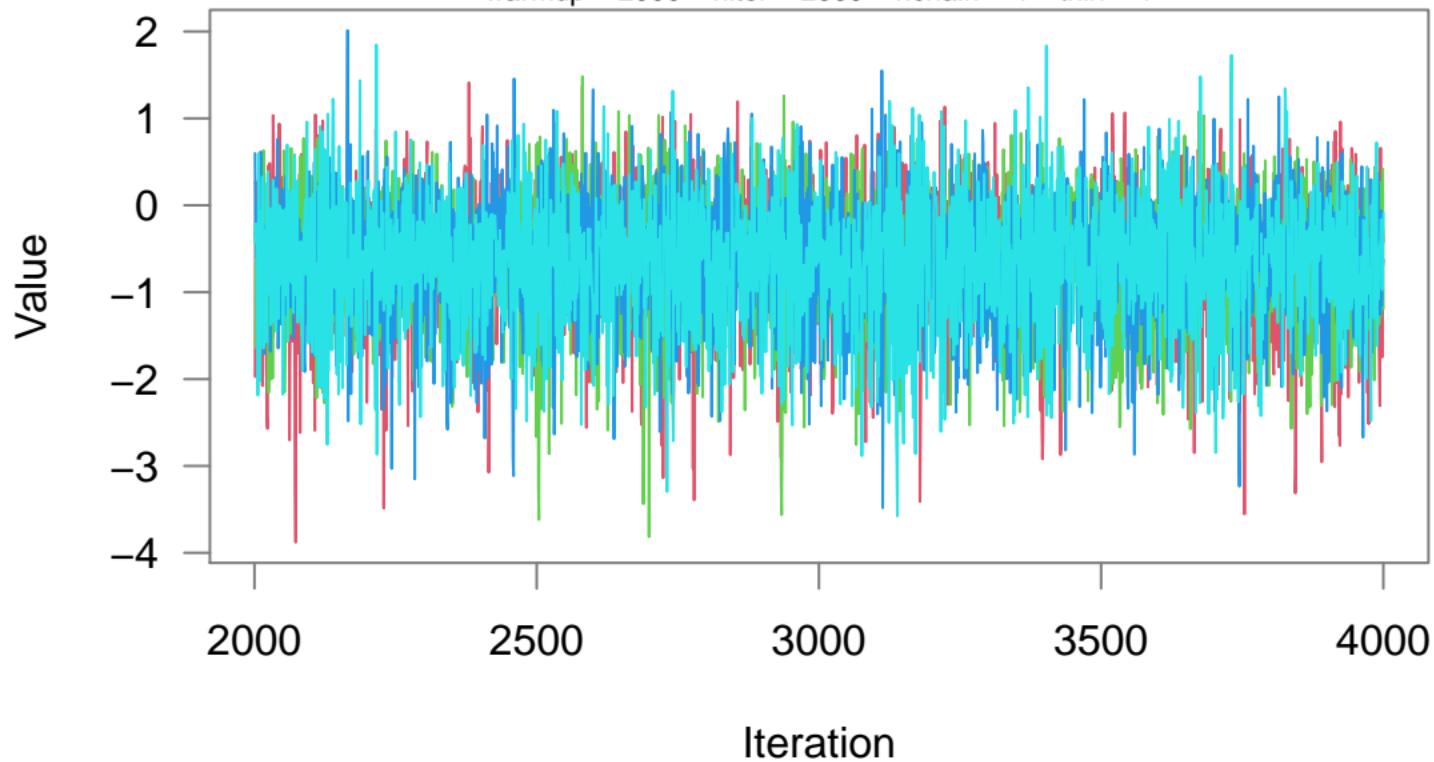
$z_{-4}[1,2]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



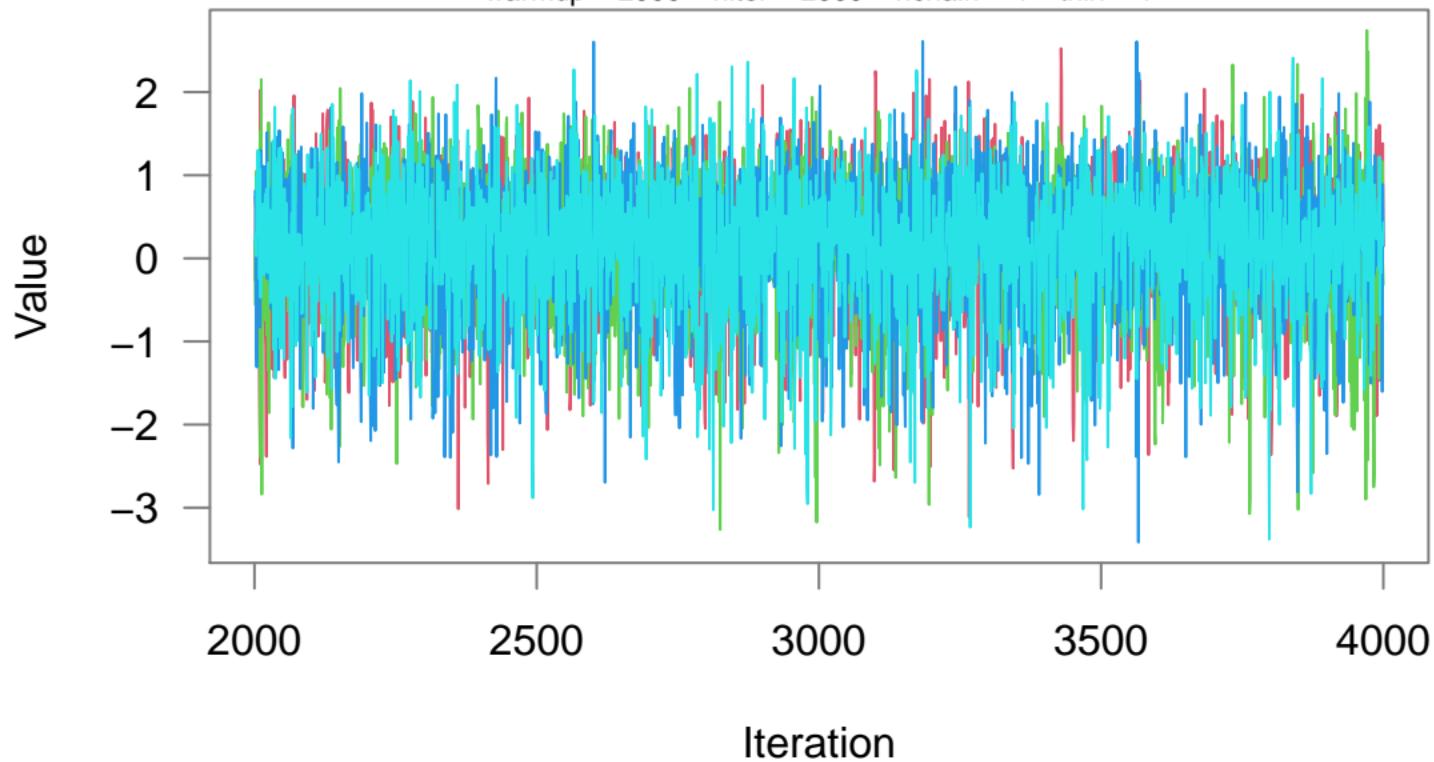
$z_4[1,3]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



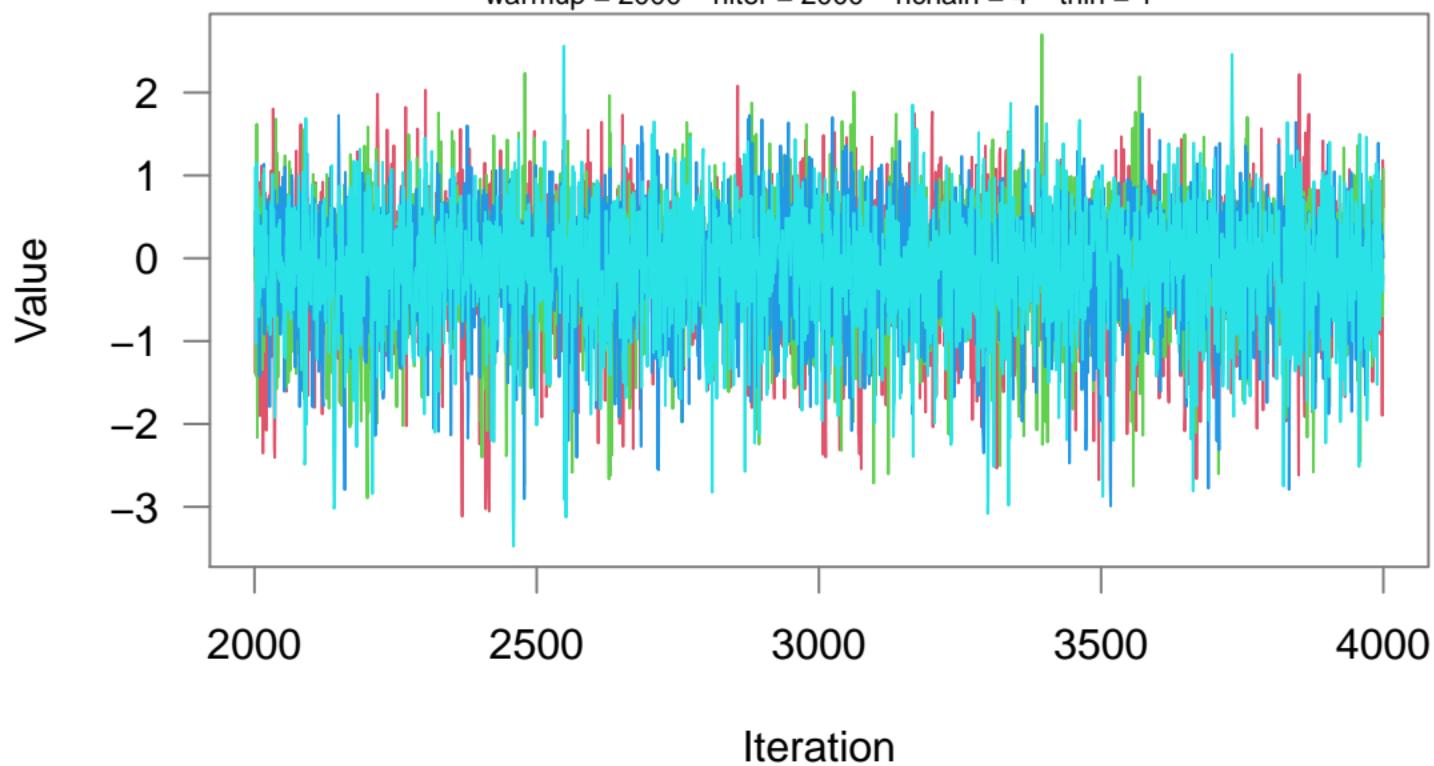
$z_{-4}[1,4]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



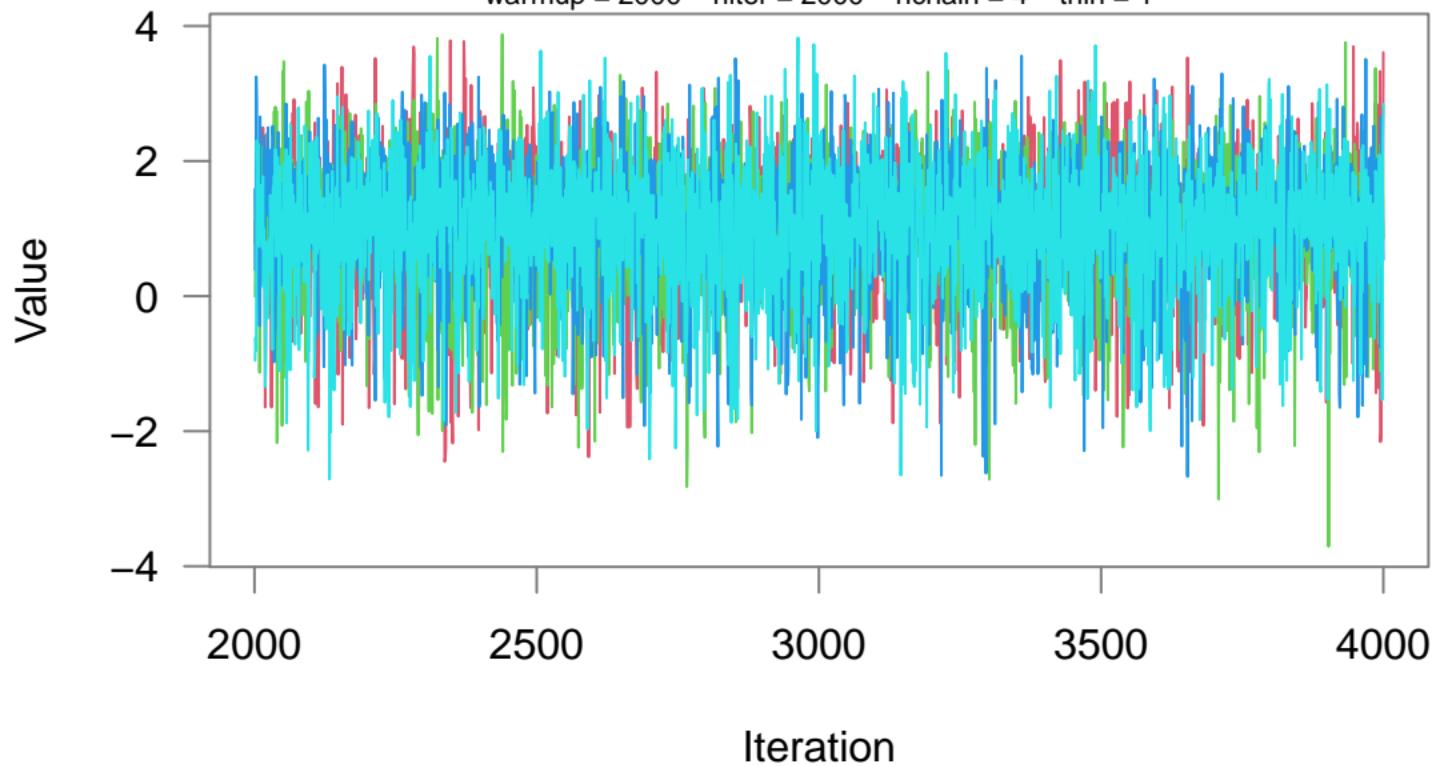
$z_{-4}[1,5]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



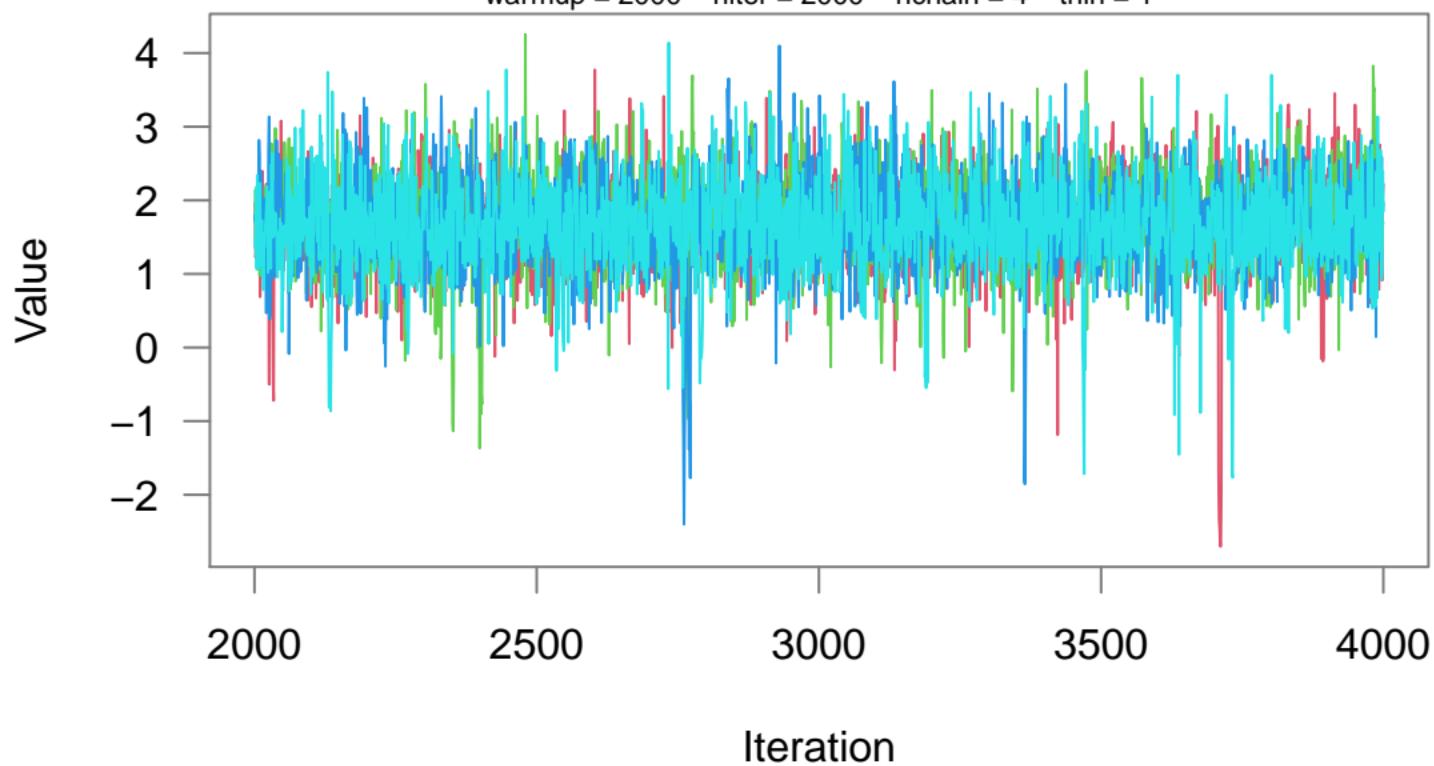
$z_4[1,6]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



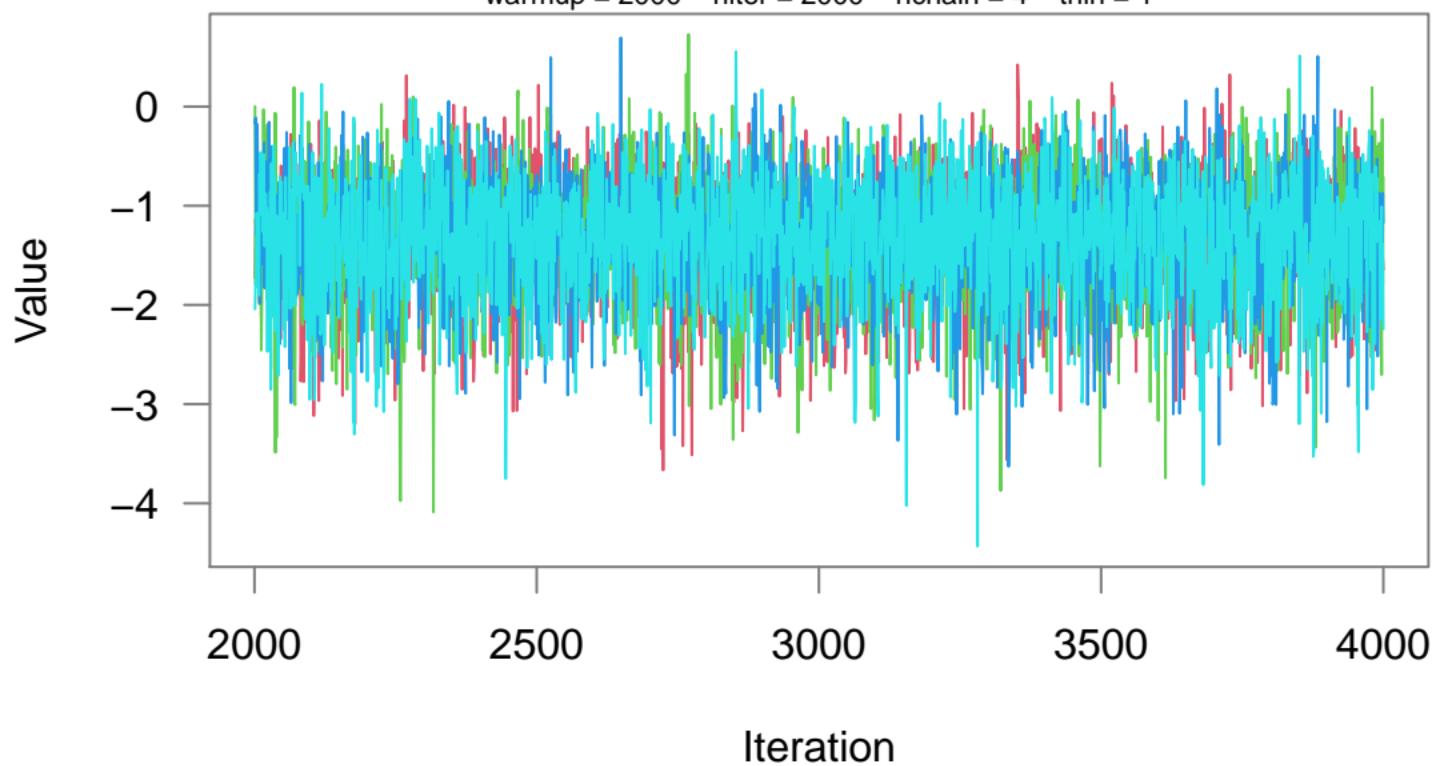
$z_4[1,7]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



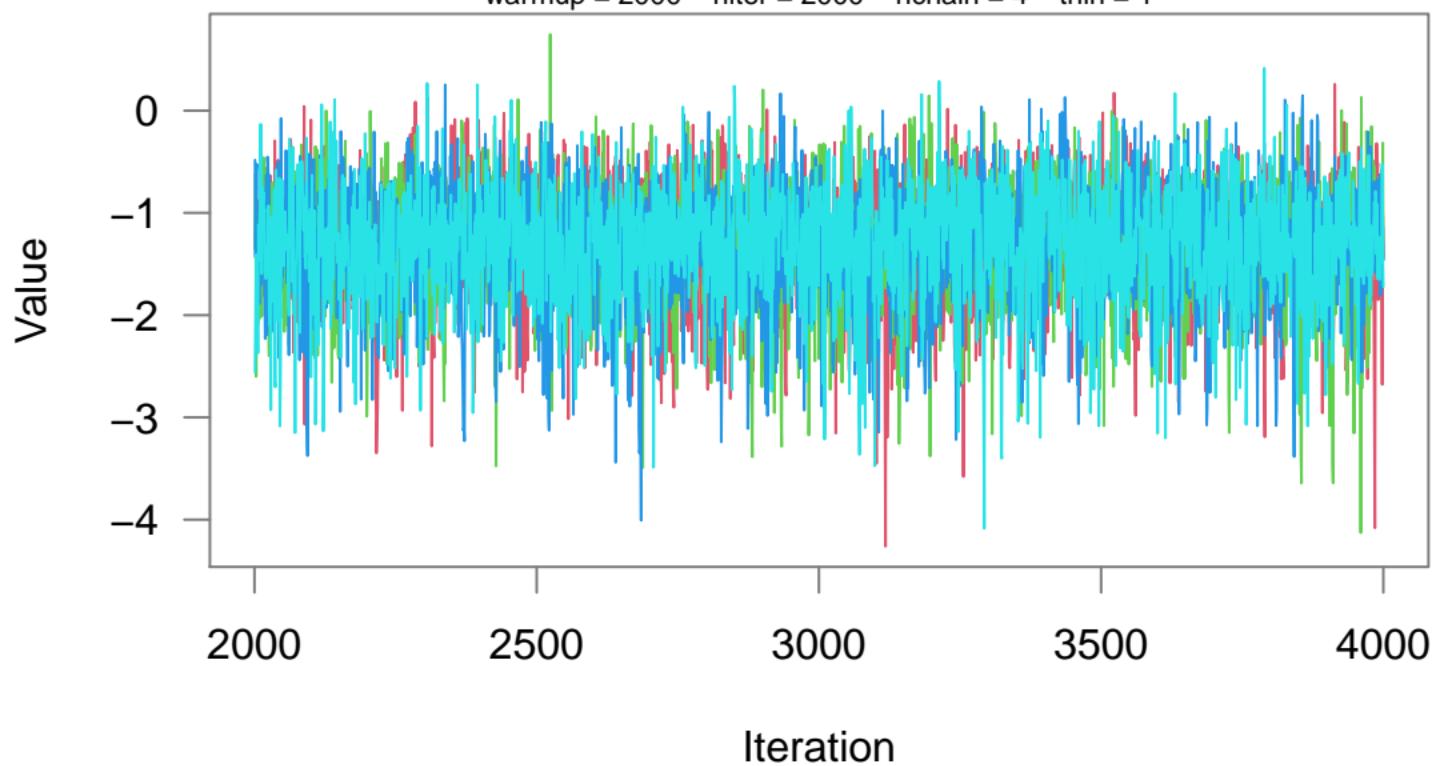
$z_4[1,8]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



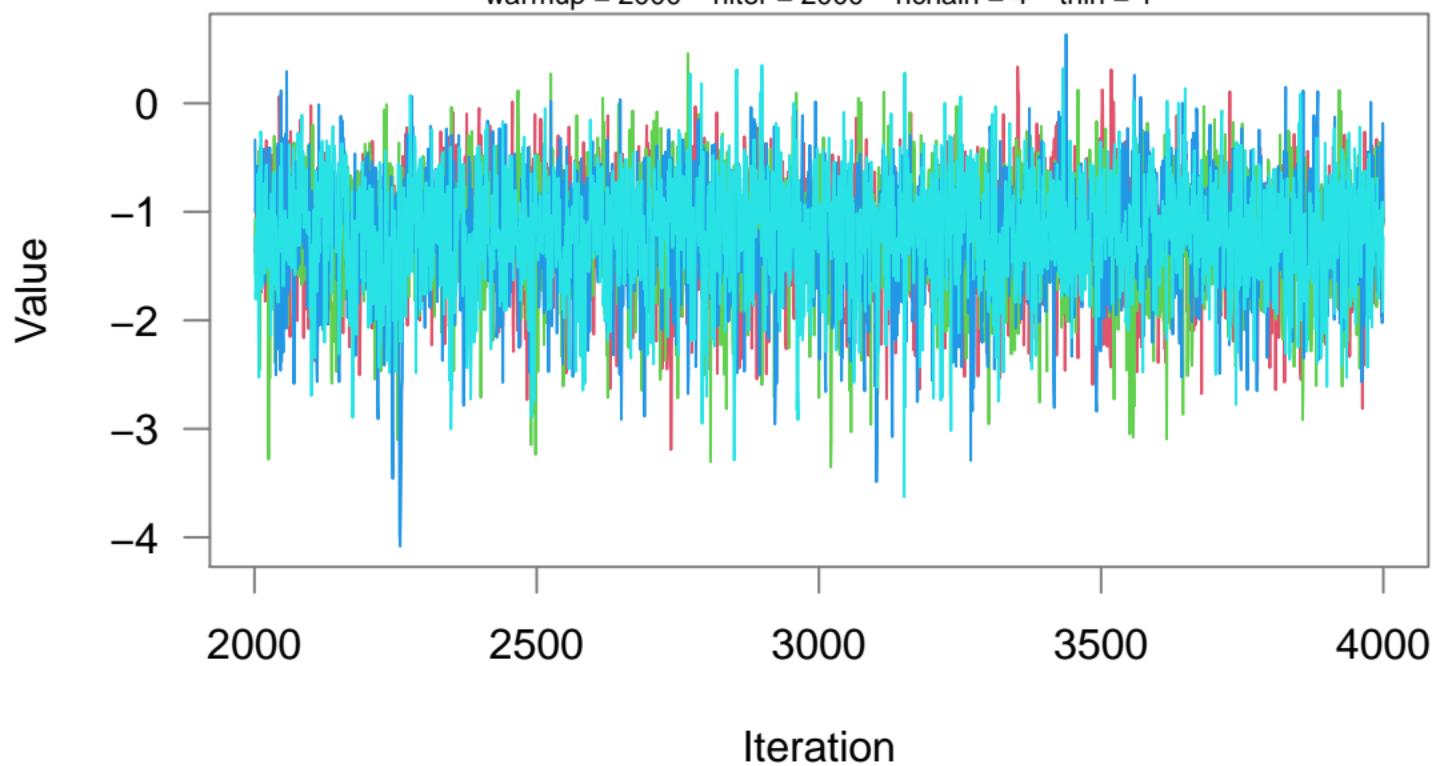
$z_4[1,9]$

warmup = 2000 niter = 2000 nchain = 4 thin = 1



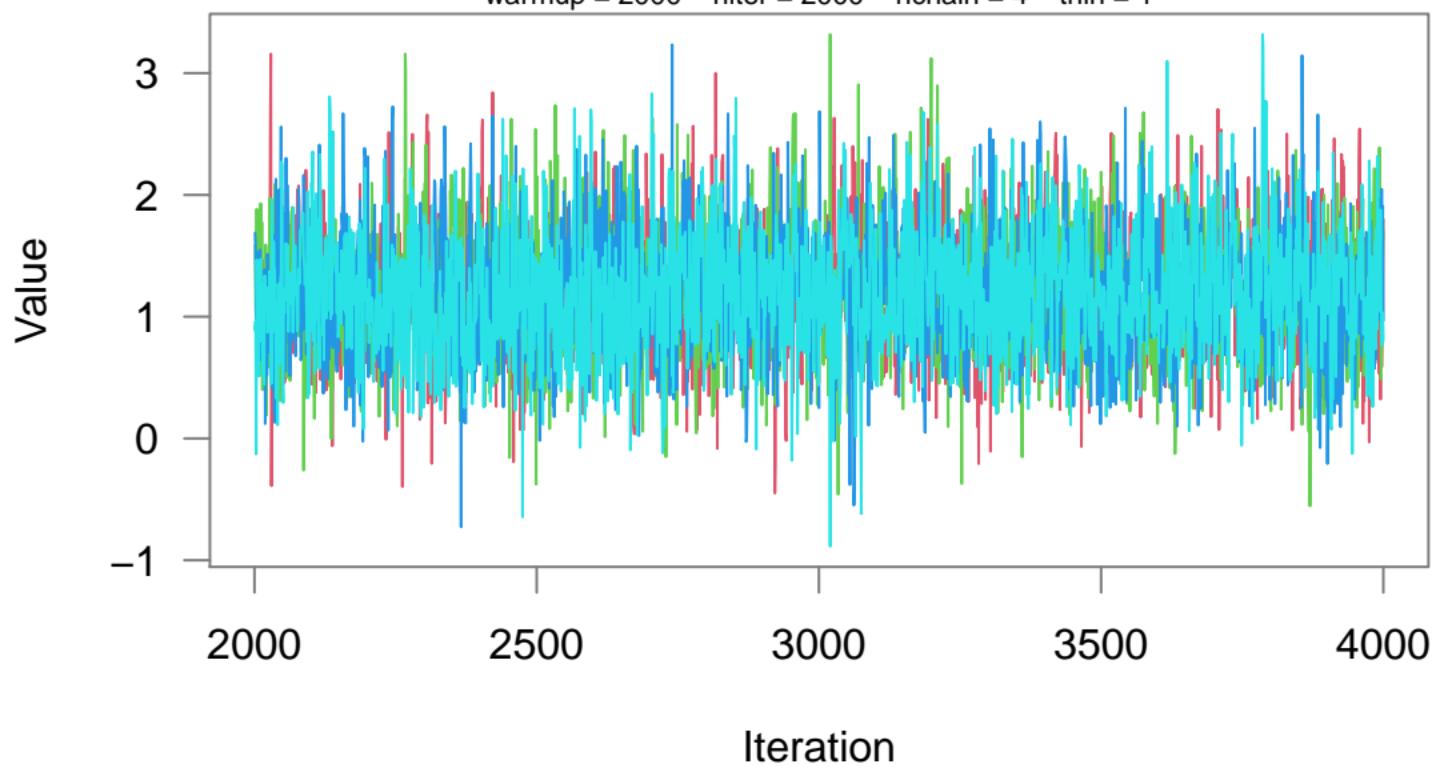
z_4[1,10]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



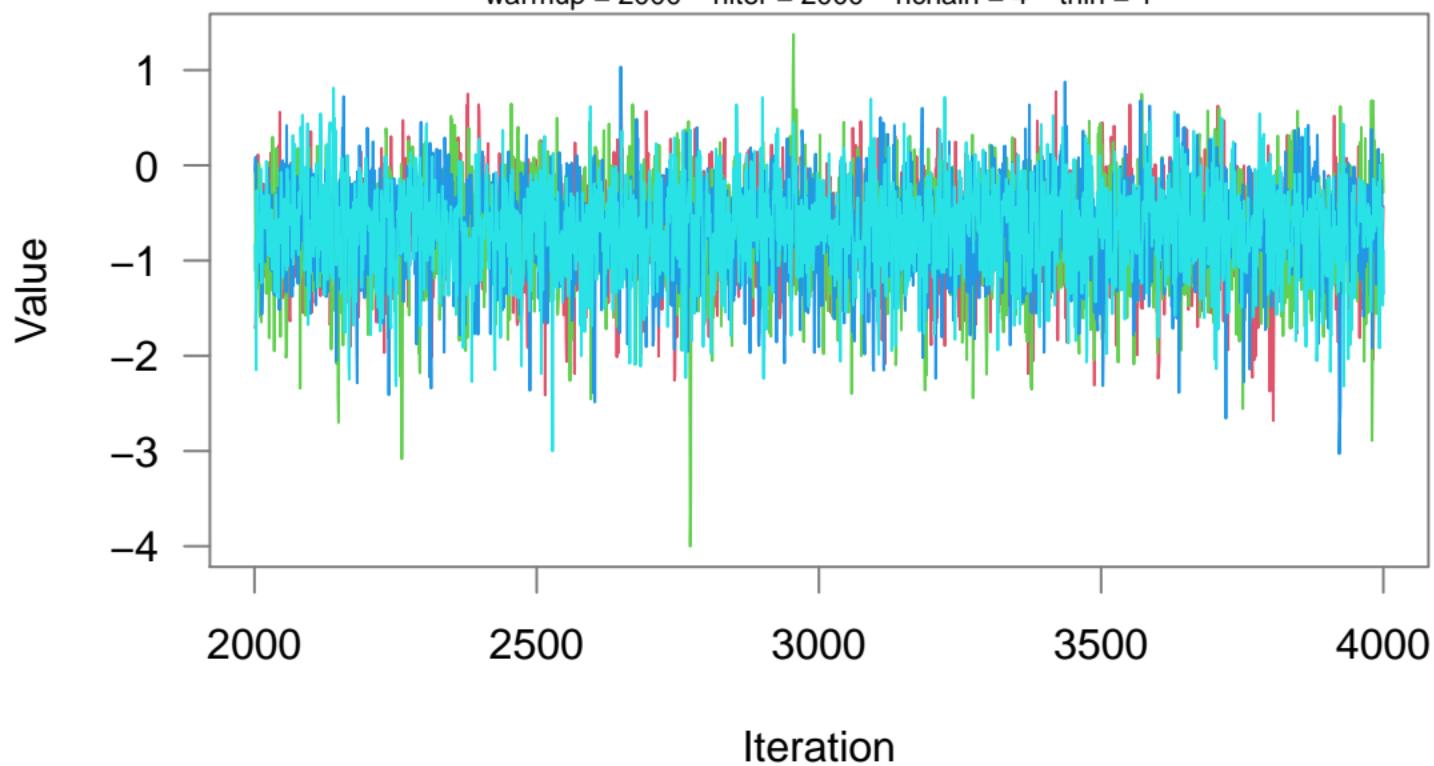
z_4[1,11]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



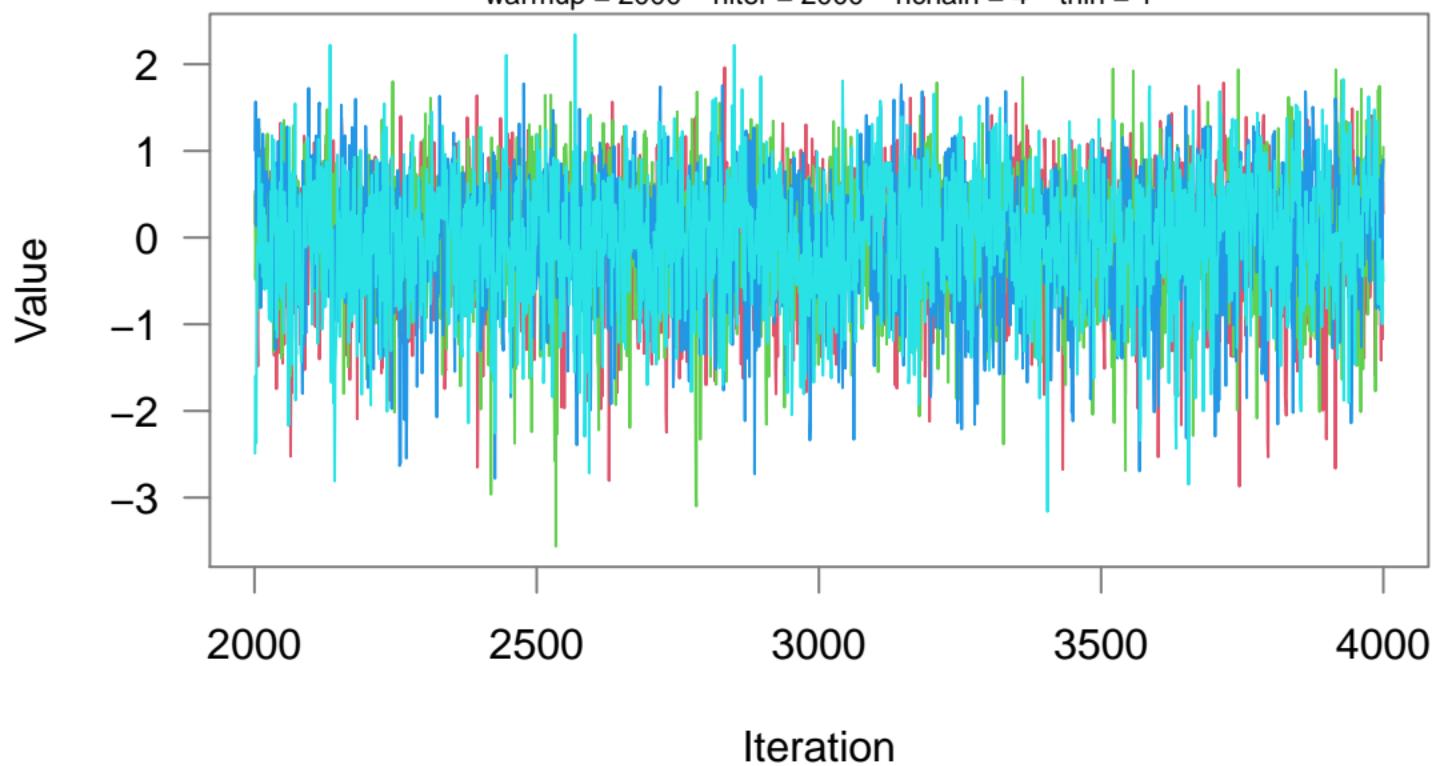
z_4[1,12]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



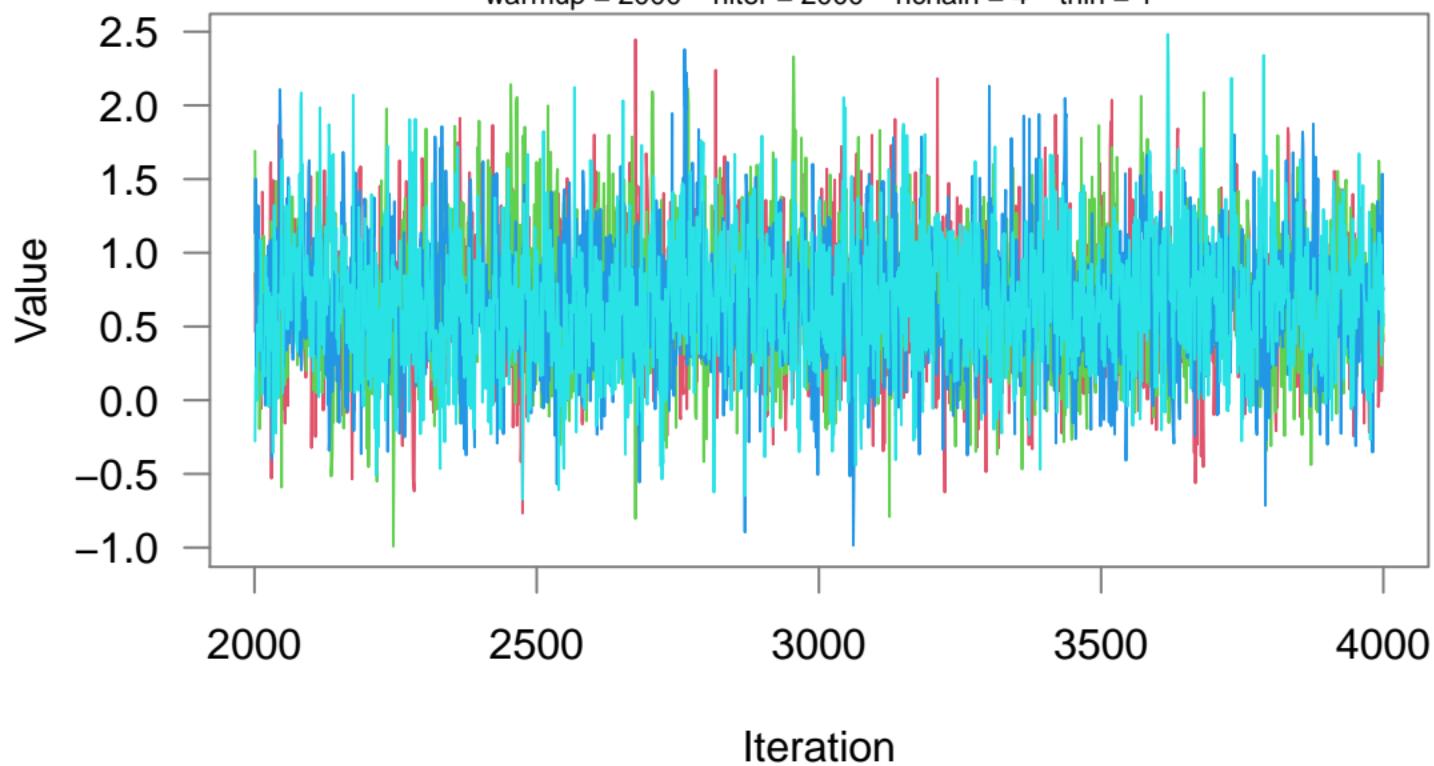
z_4[1,13]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



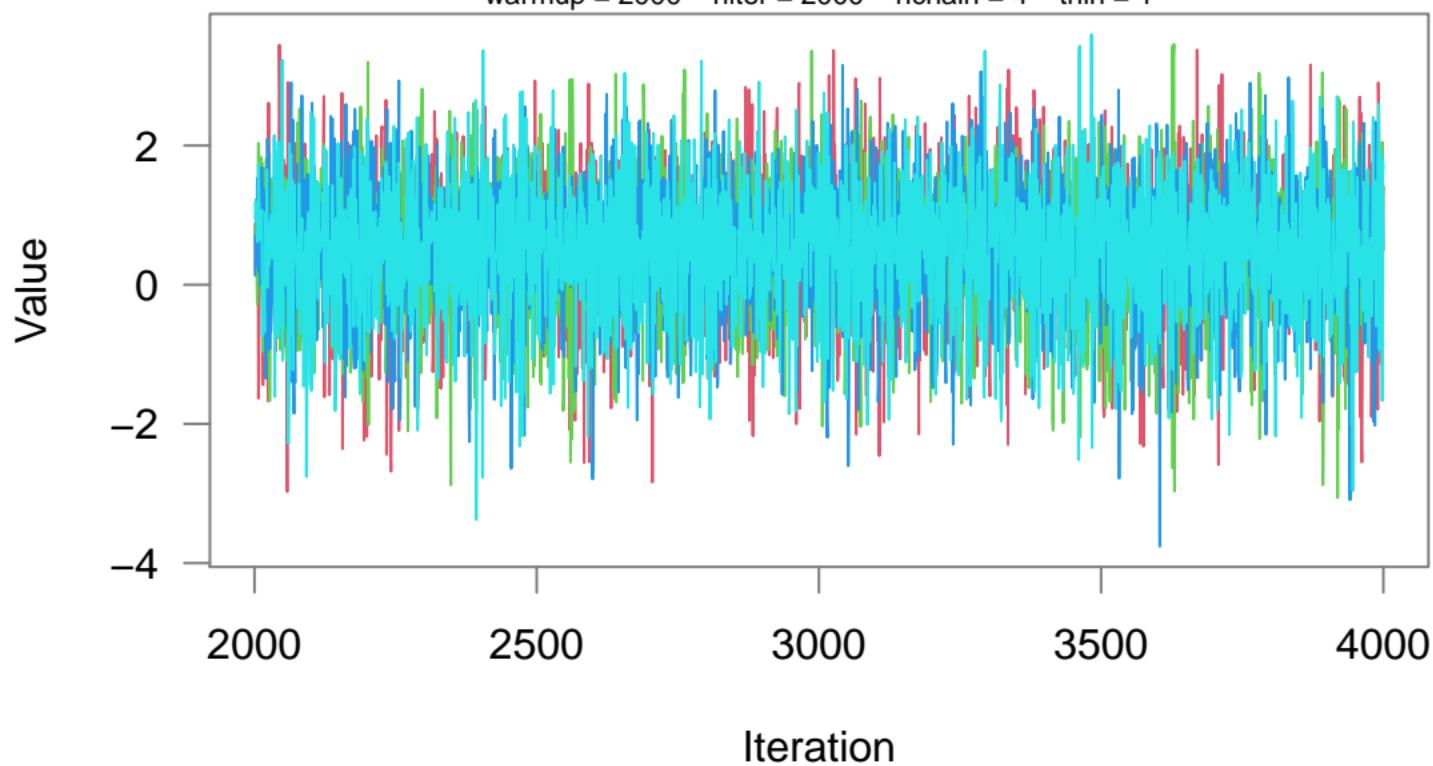
z_4[1,14]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



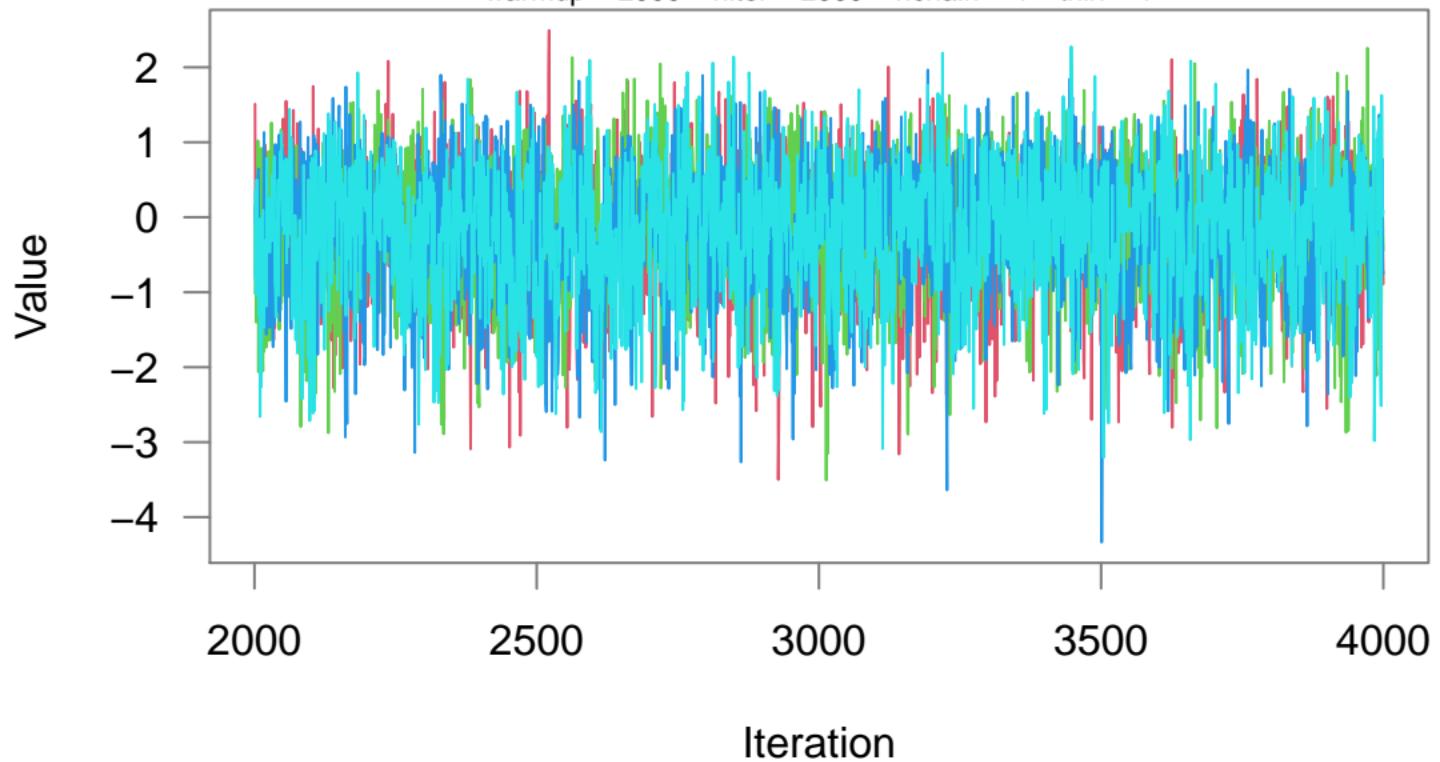
z_4[1,15]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



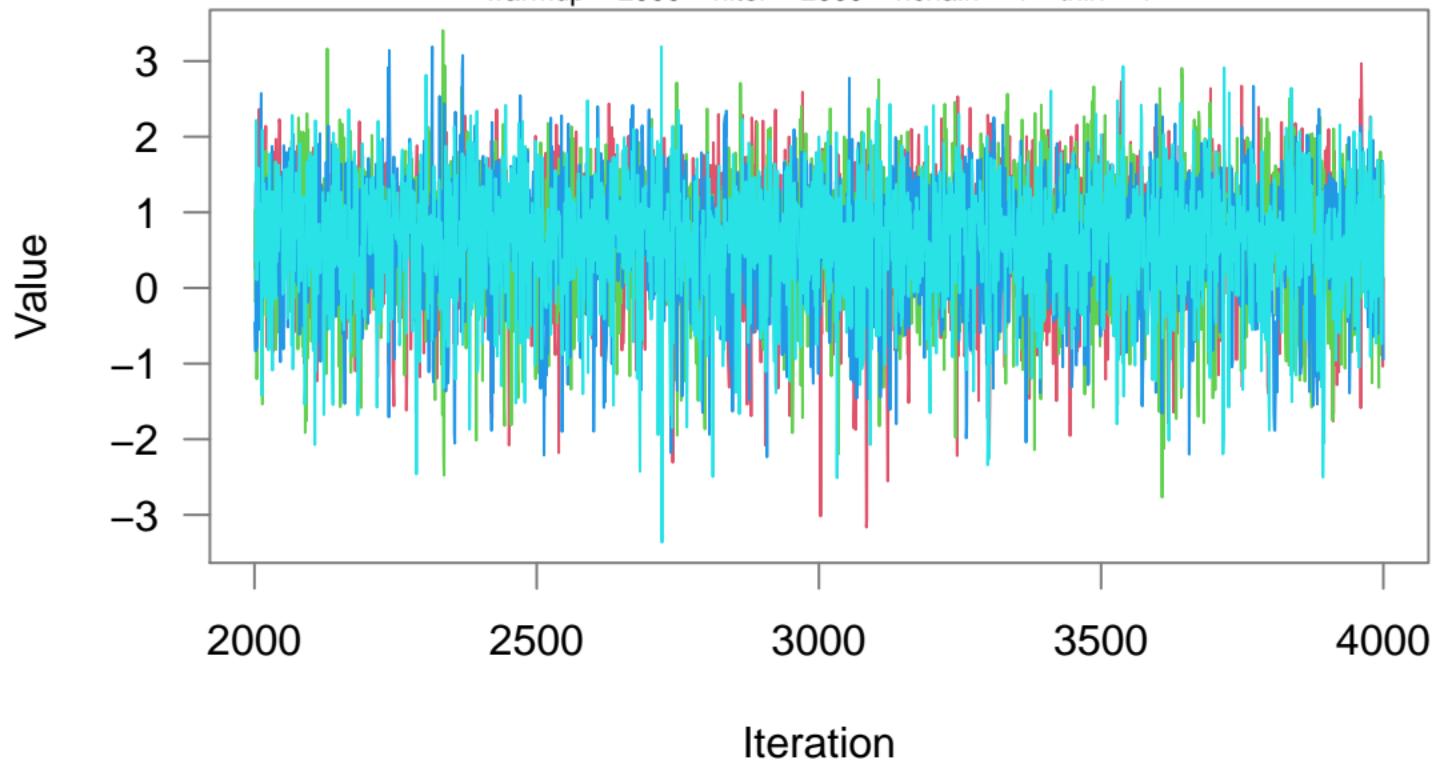
z_4[1,16]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



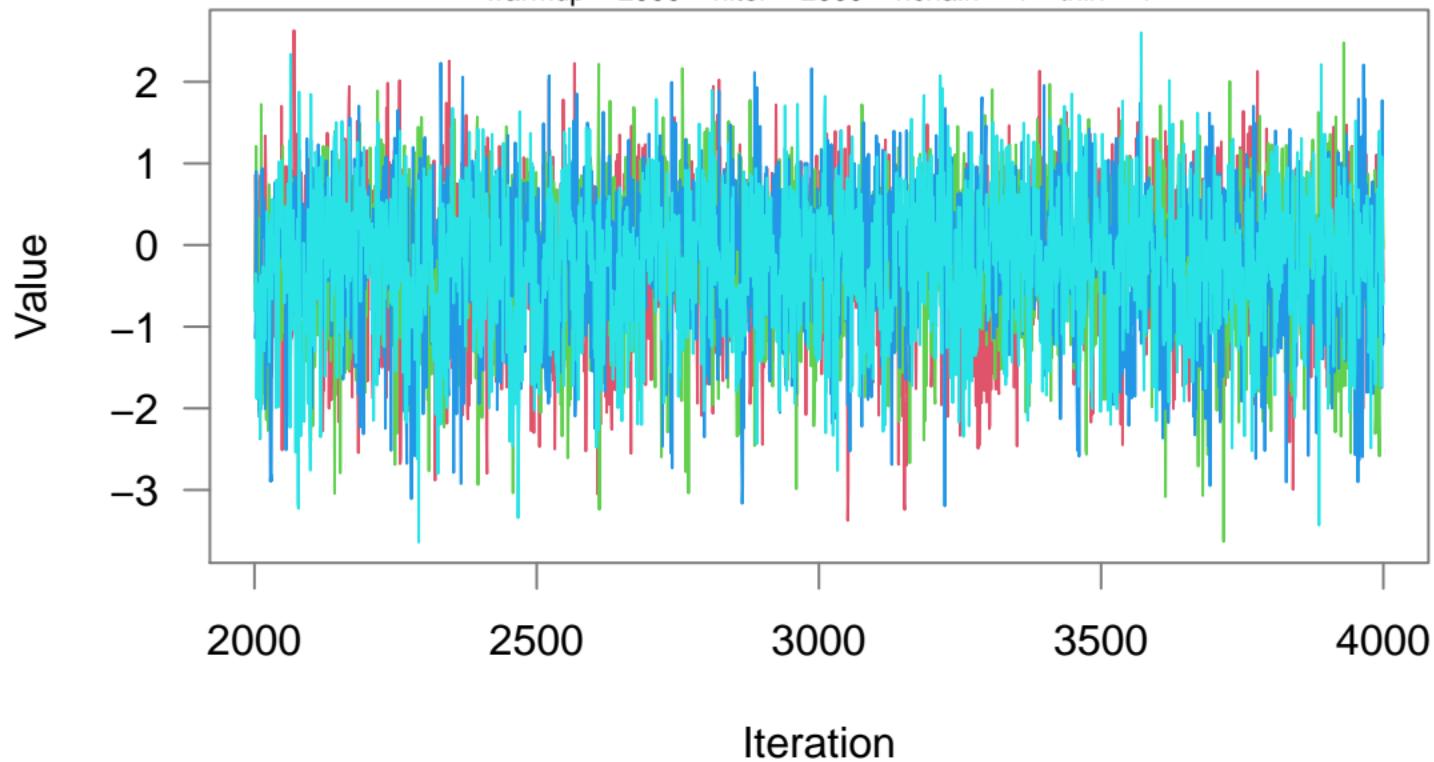
z_4[1,17]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



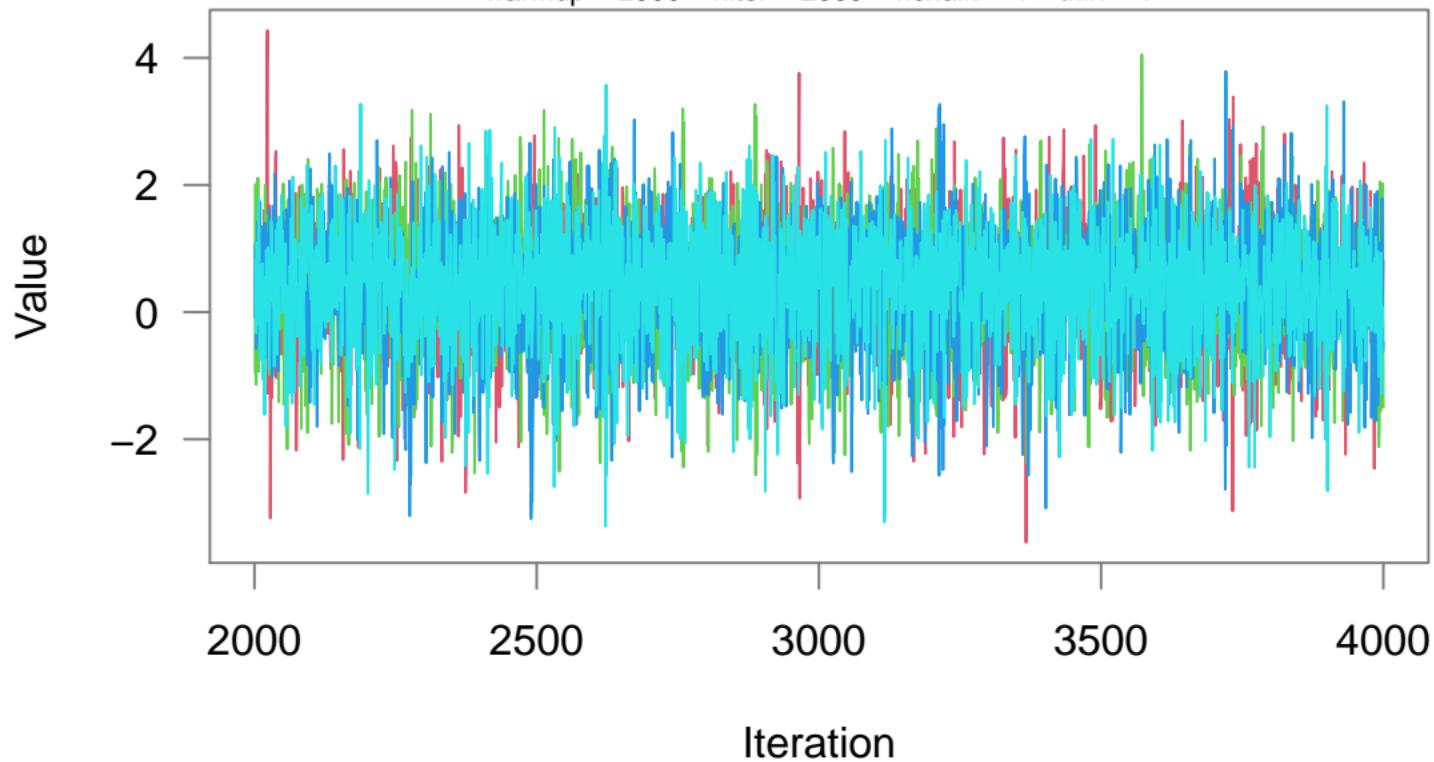
z_4[1,18]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



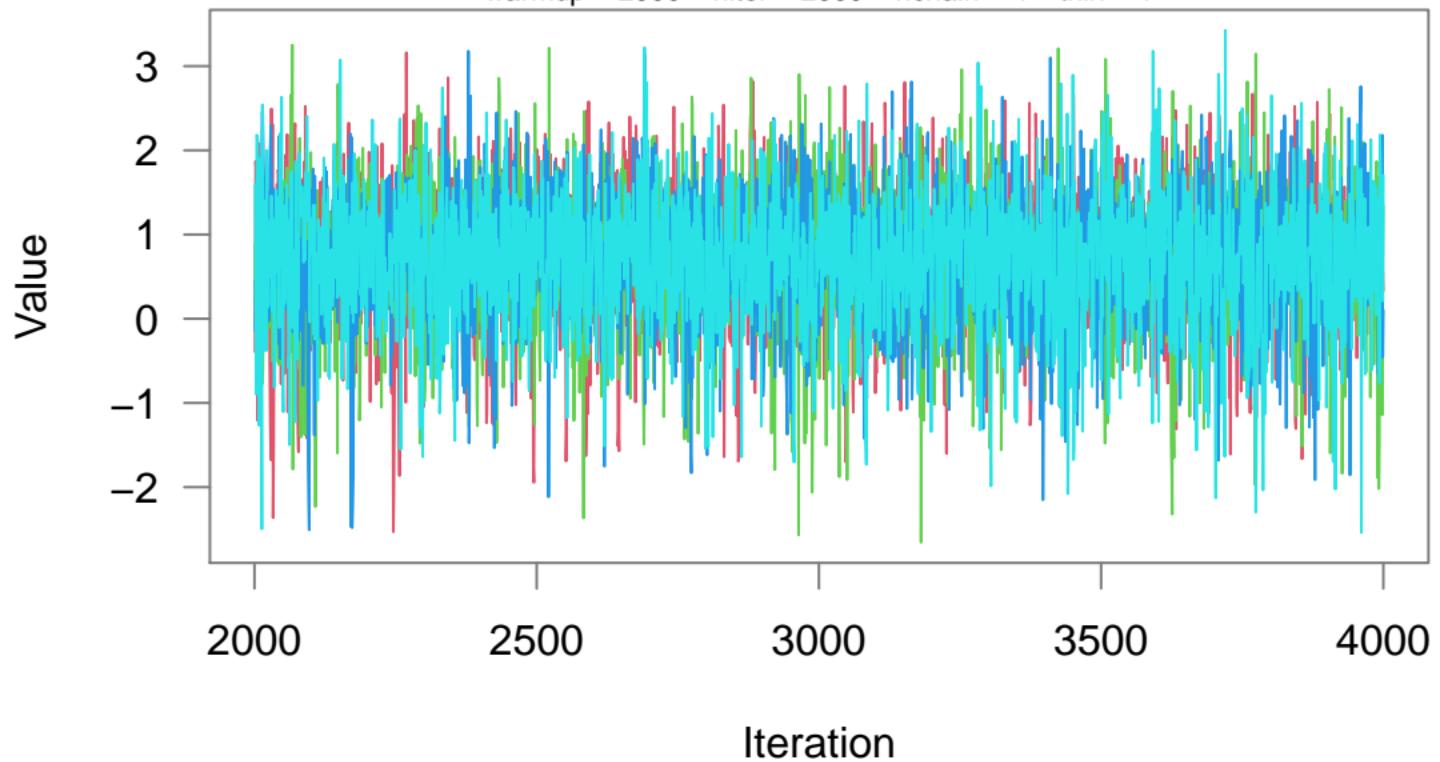
z_4[1,19]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



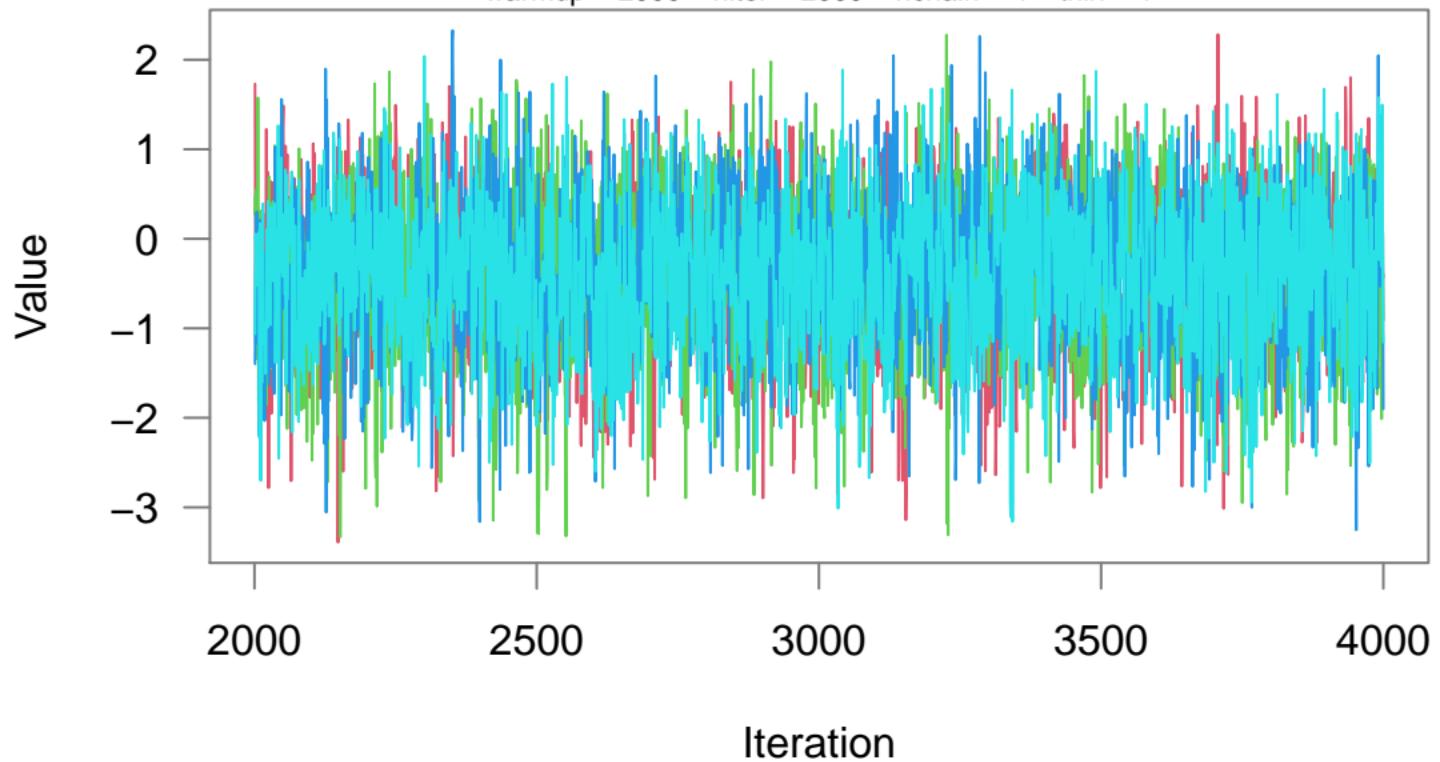
z_4[1,20]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



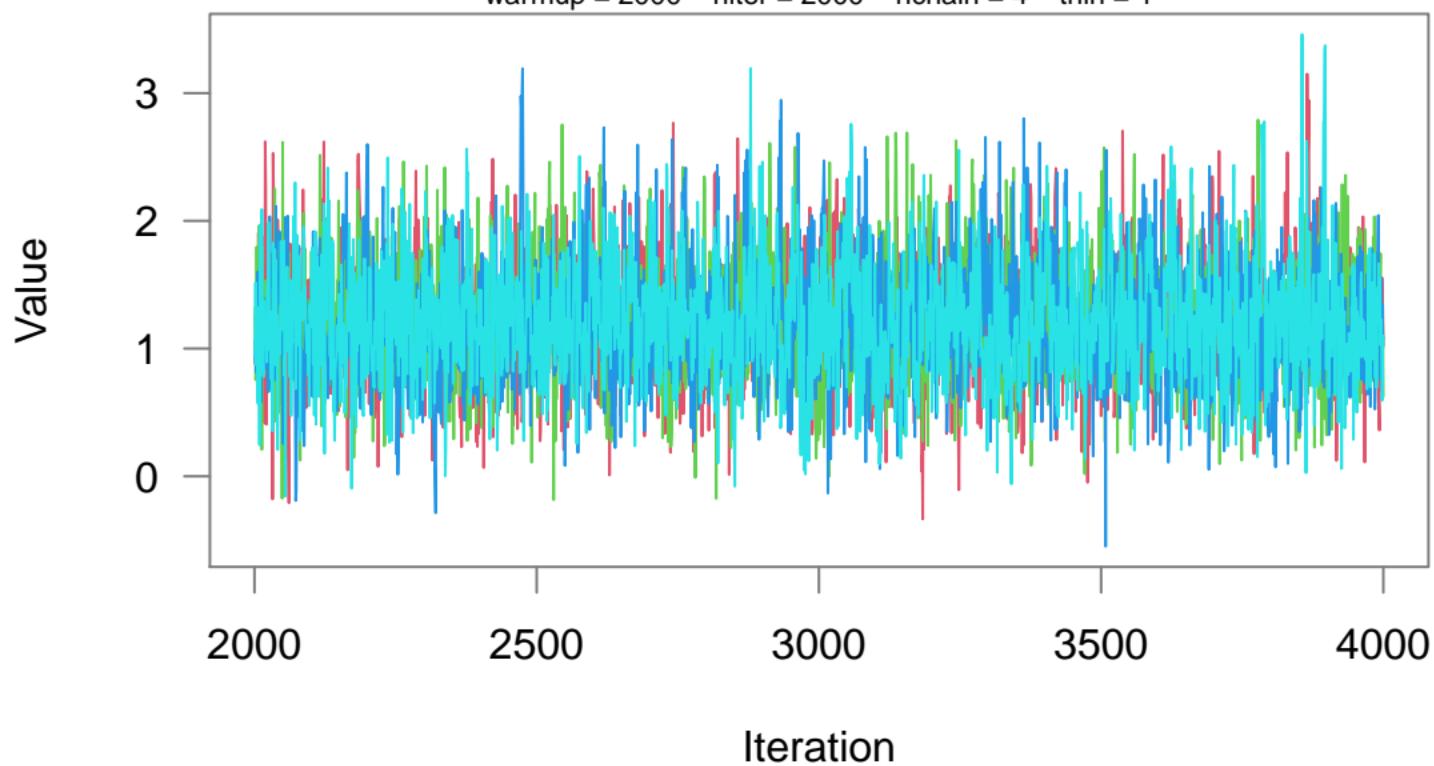
z_4[1,21]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



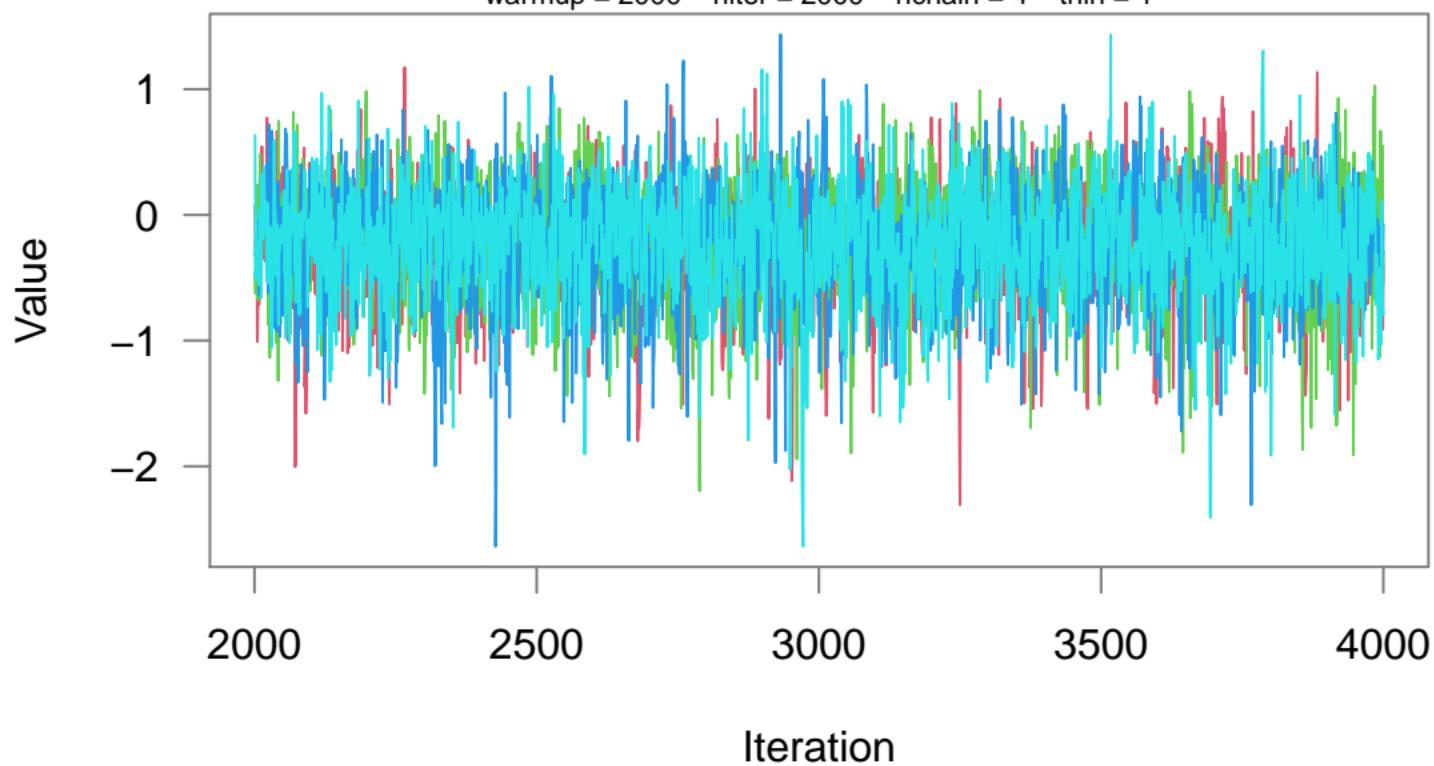
z_4[1,22]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



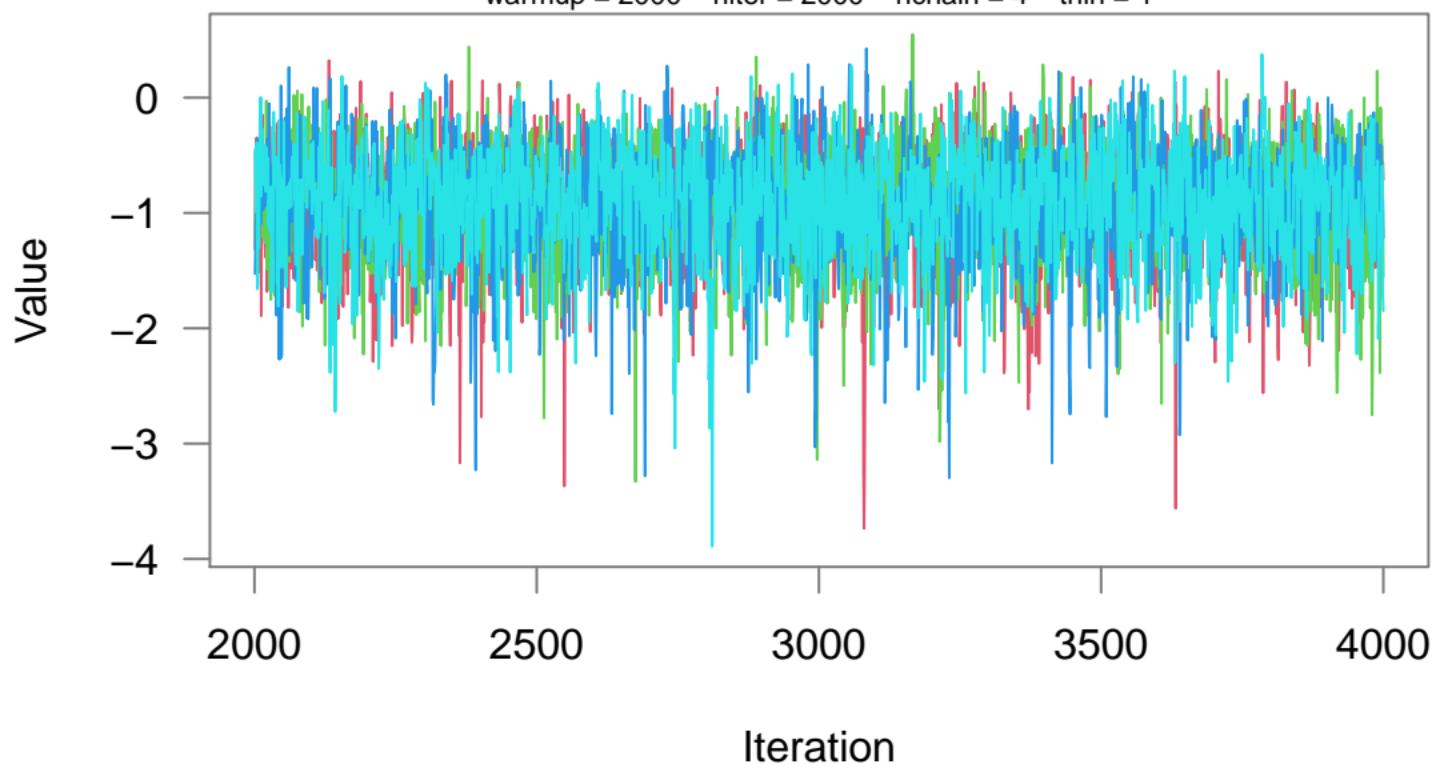
z_4[1,23]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



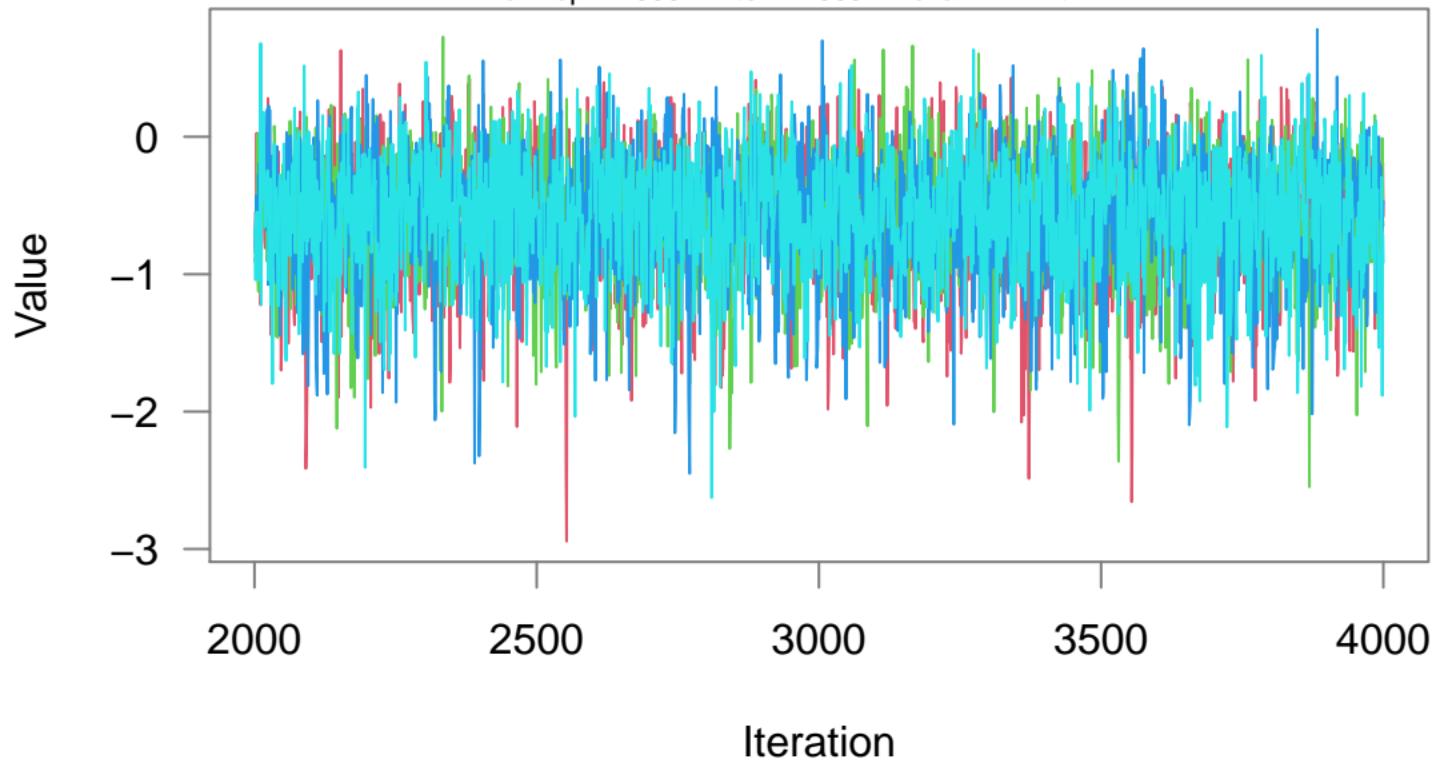
z_4[1,24]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



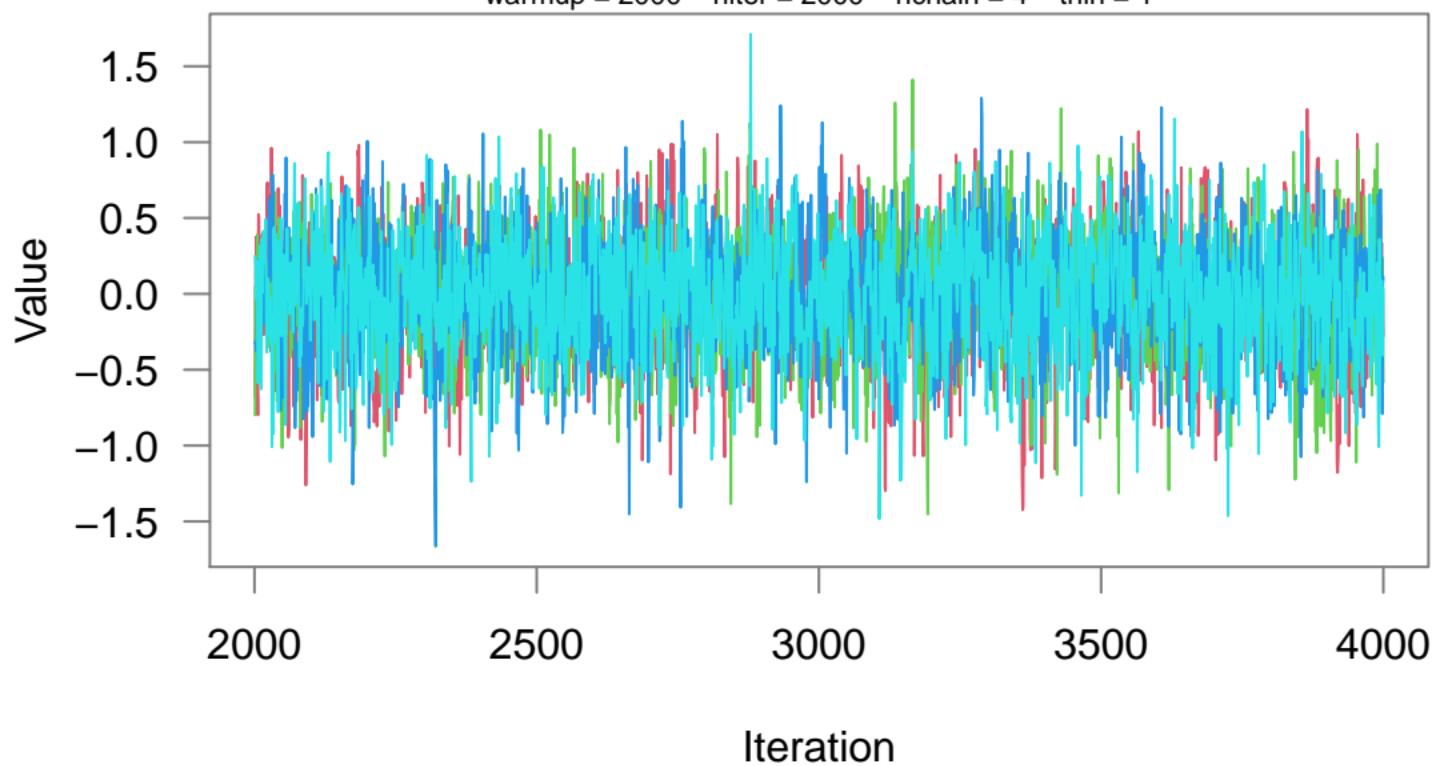
z_4[1,25]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



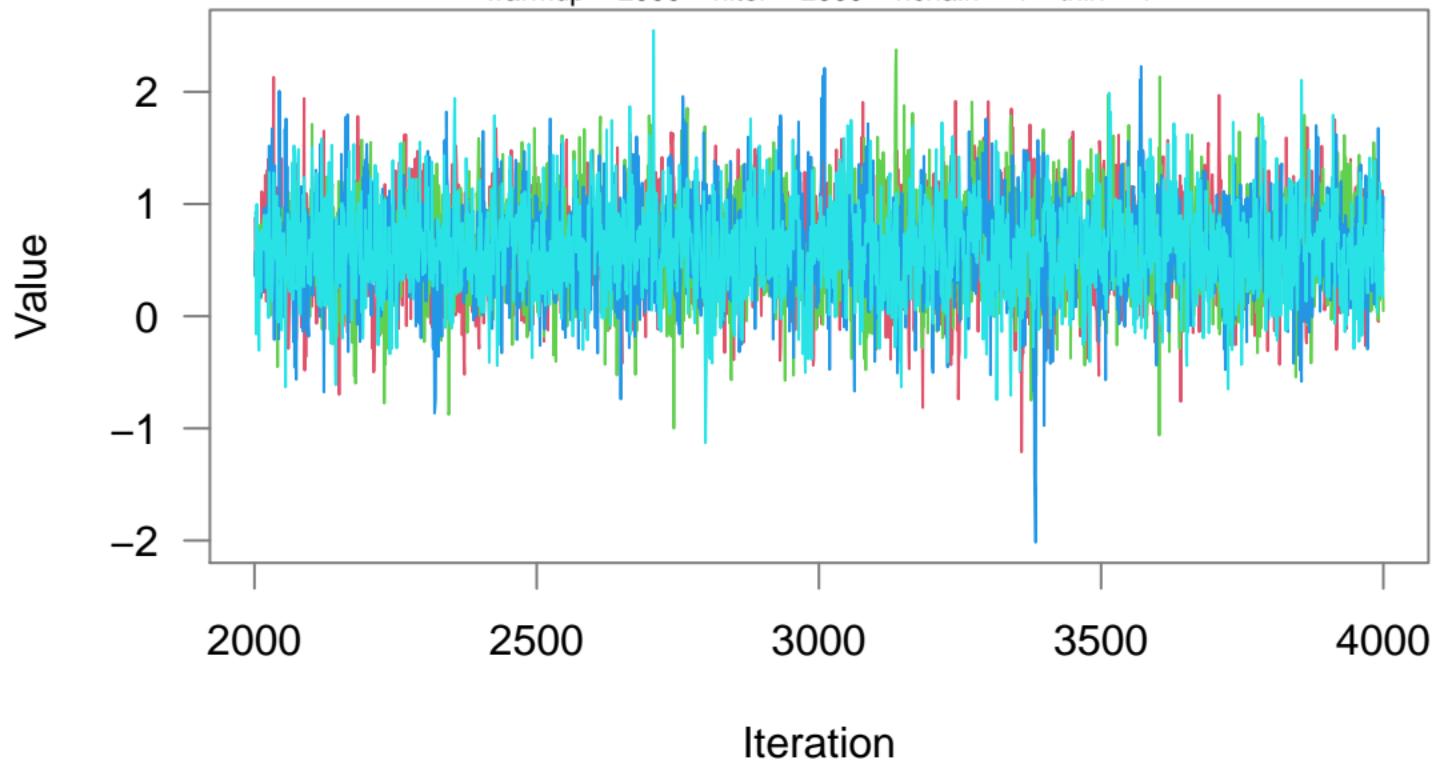
z_4[1,26]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



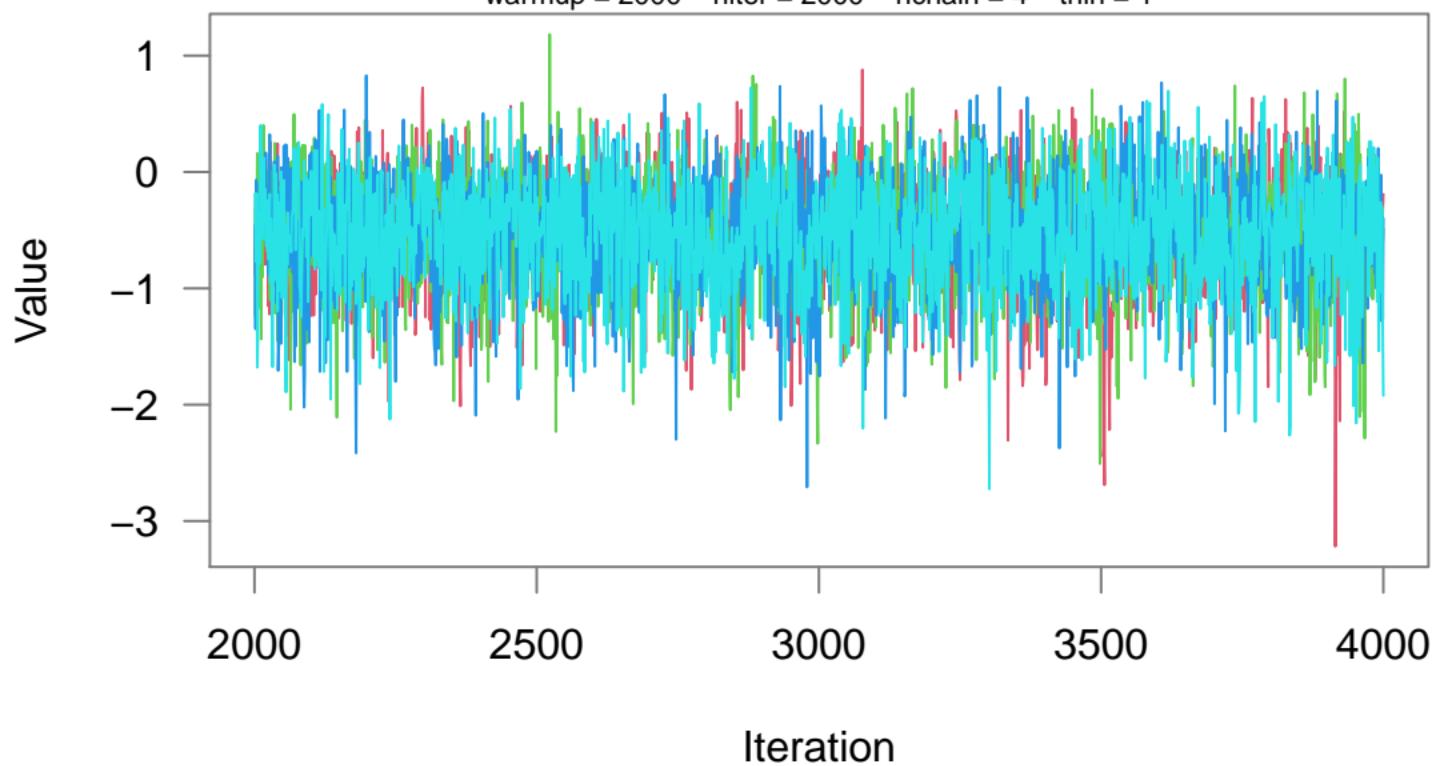
z_4[1,27]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



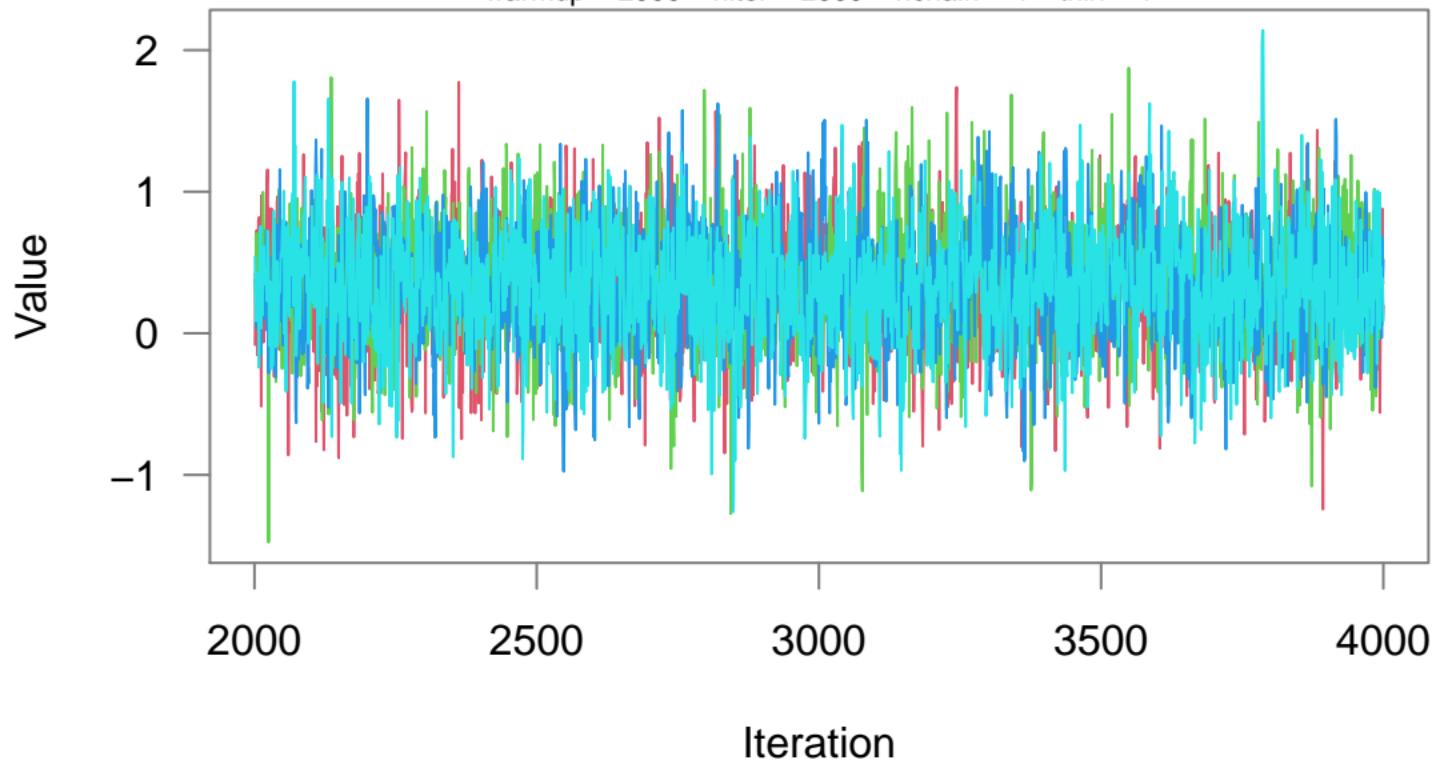
z_4[1,28]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



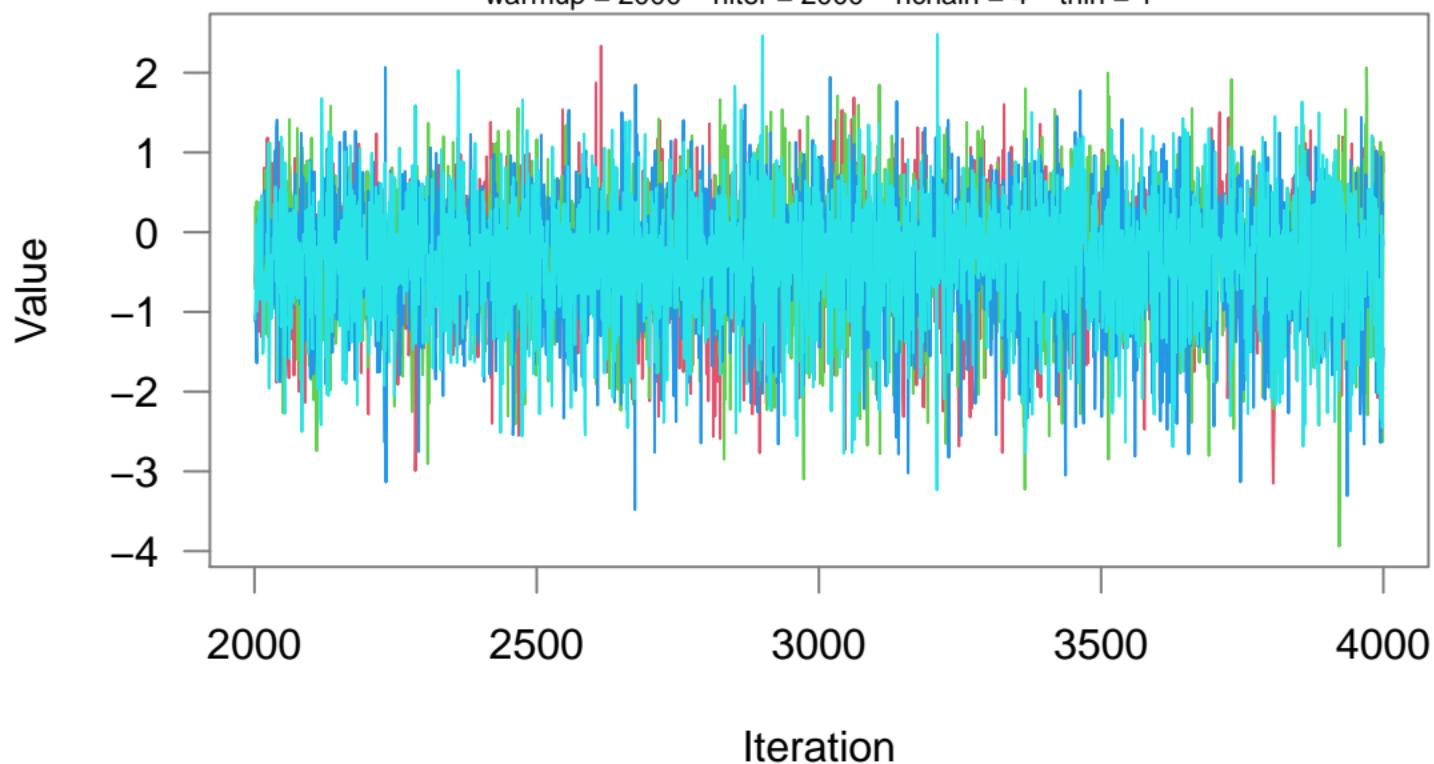
z_4[1,29]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



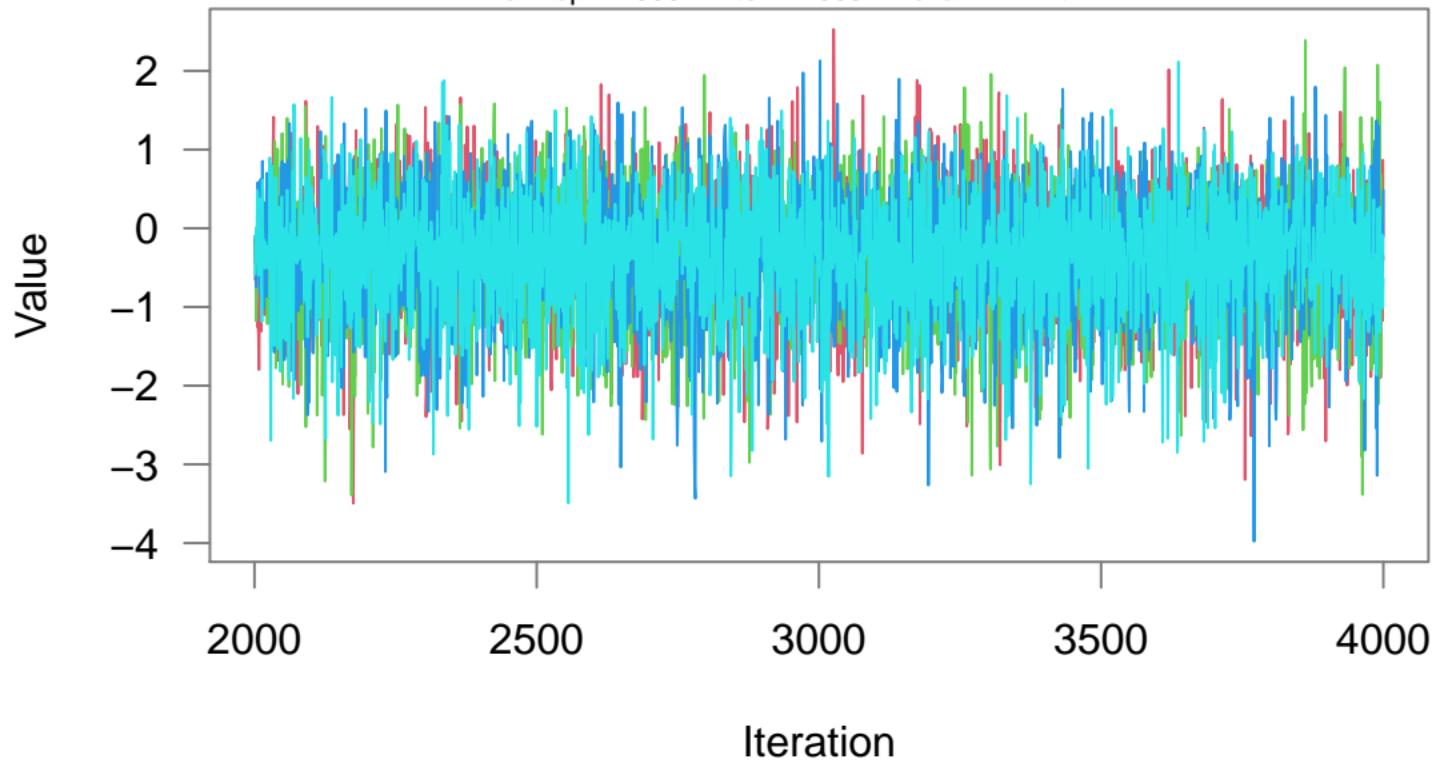
z_4[1,30]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



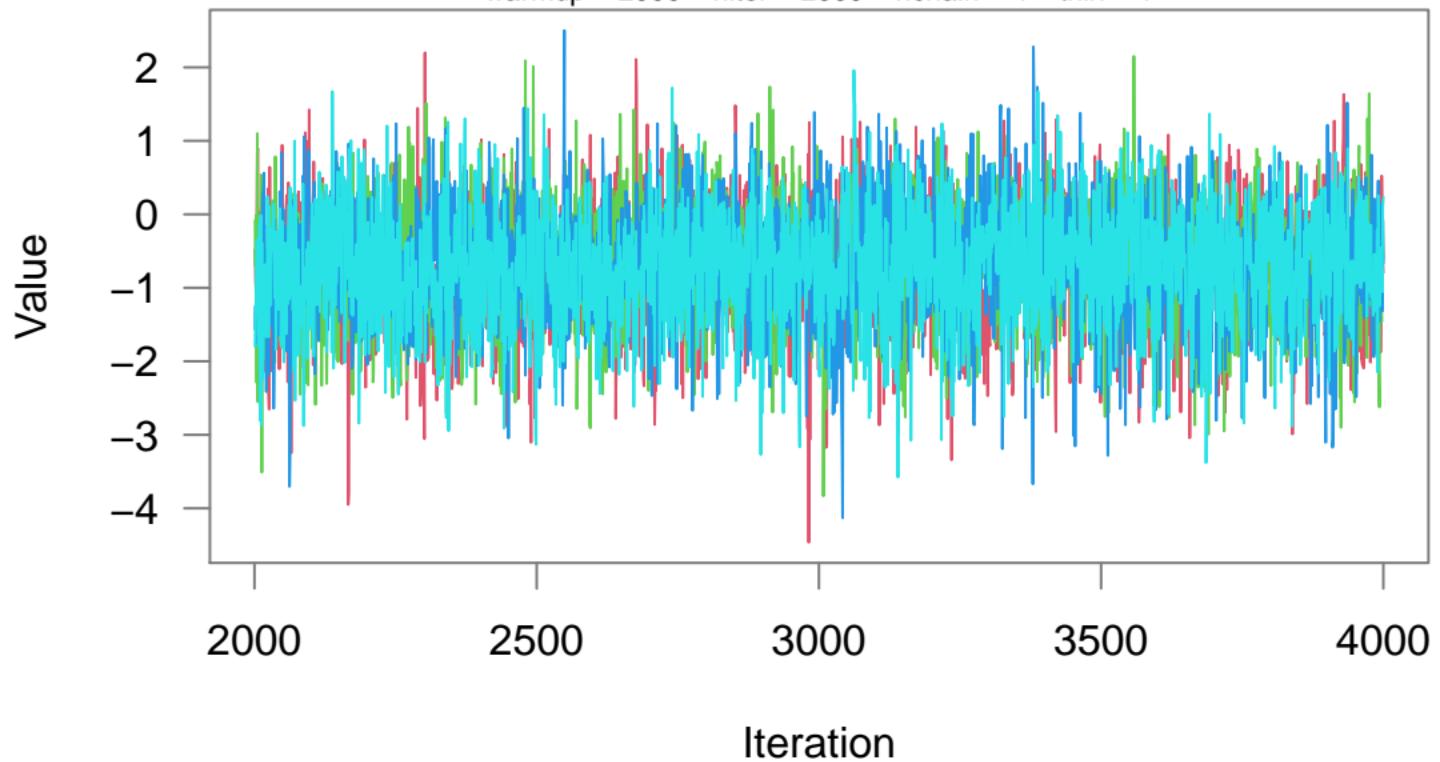
z_4[1,31]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



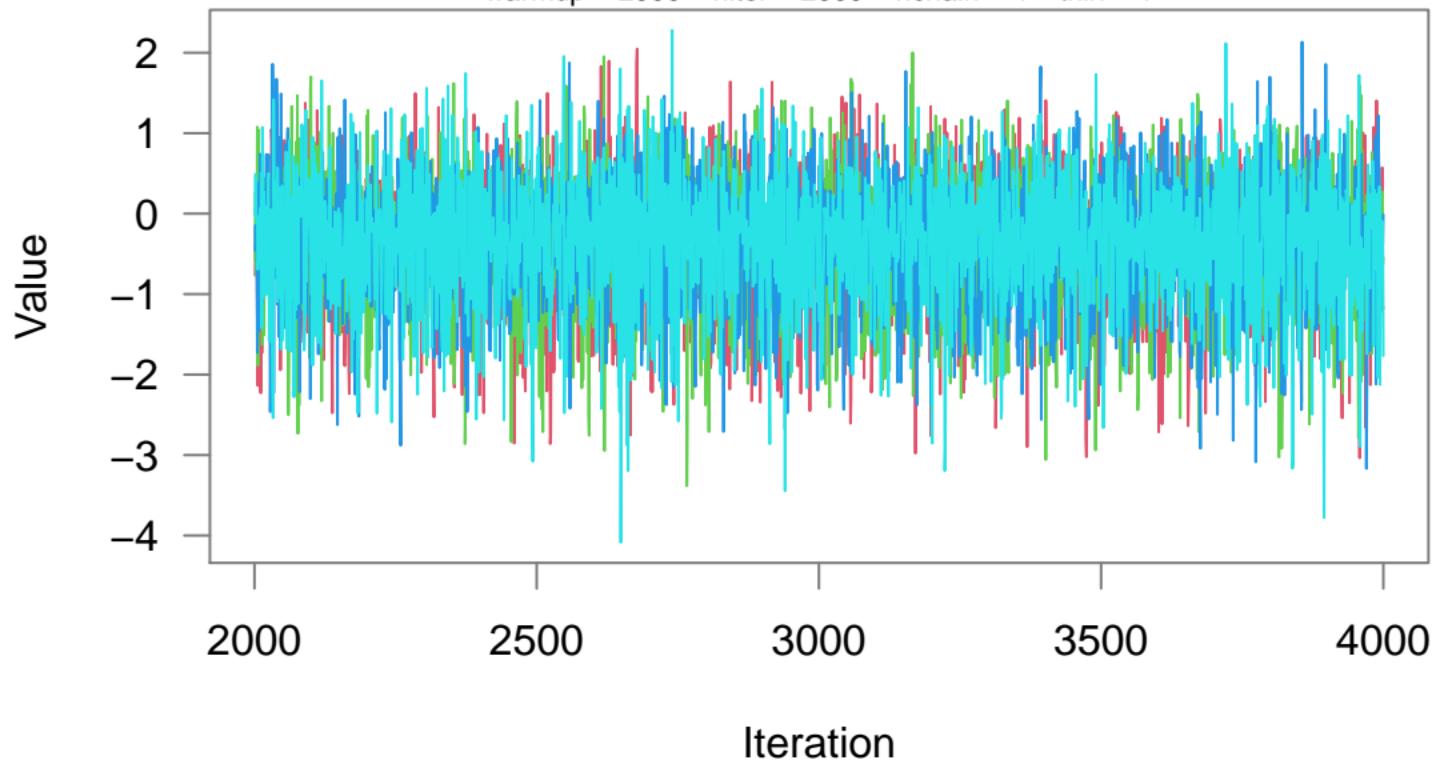
z_4[1,32]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



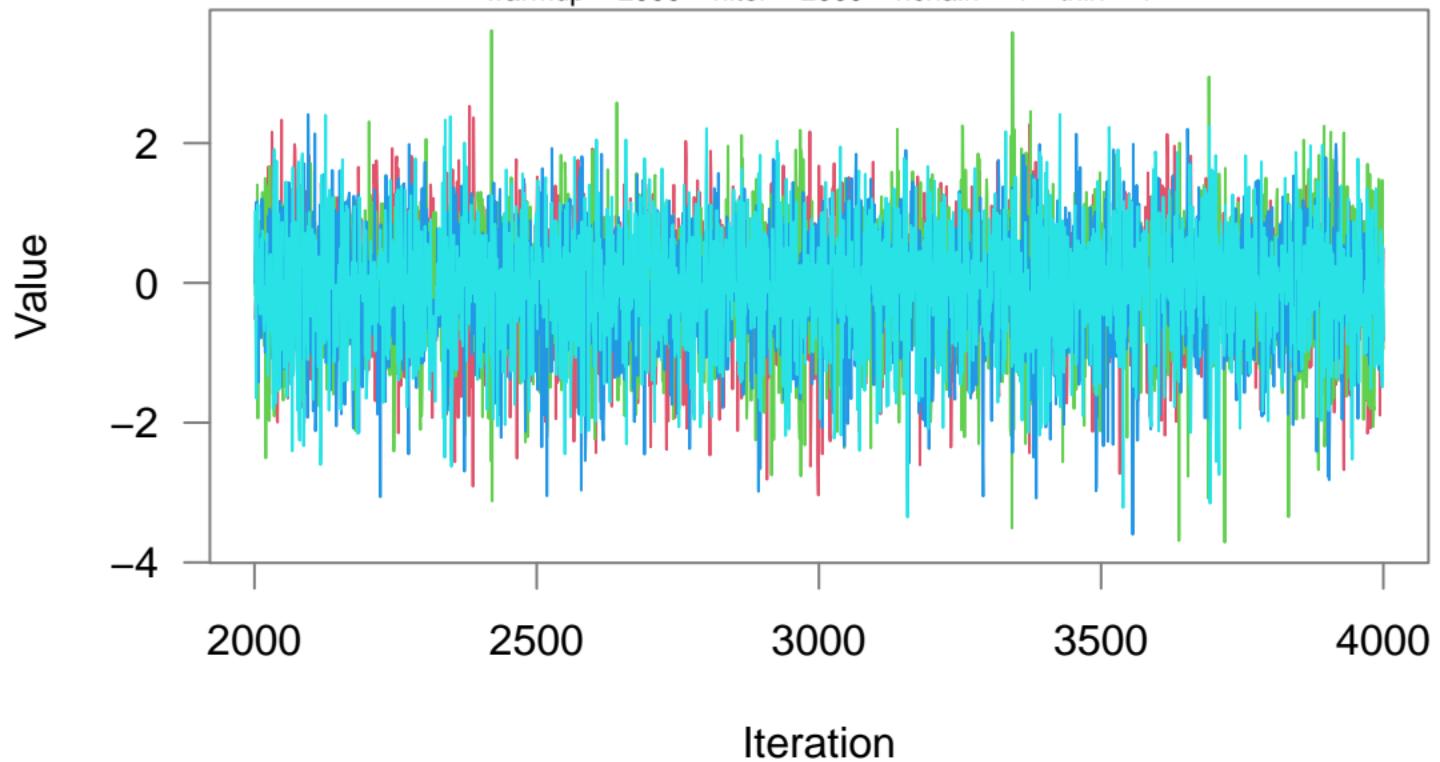
z_4[1,33]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



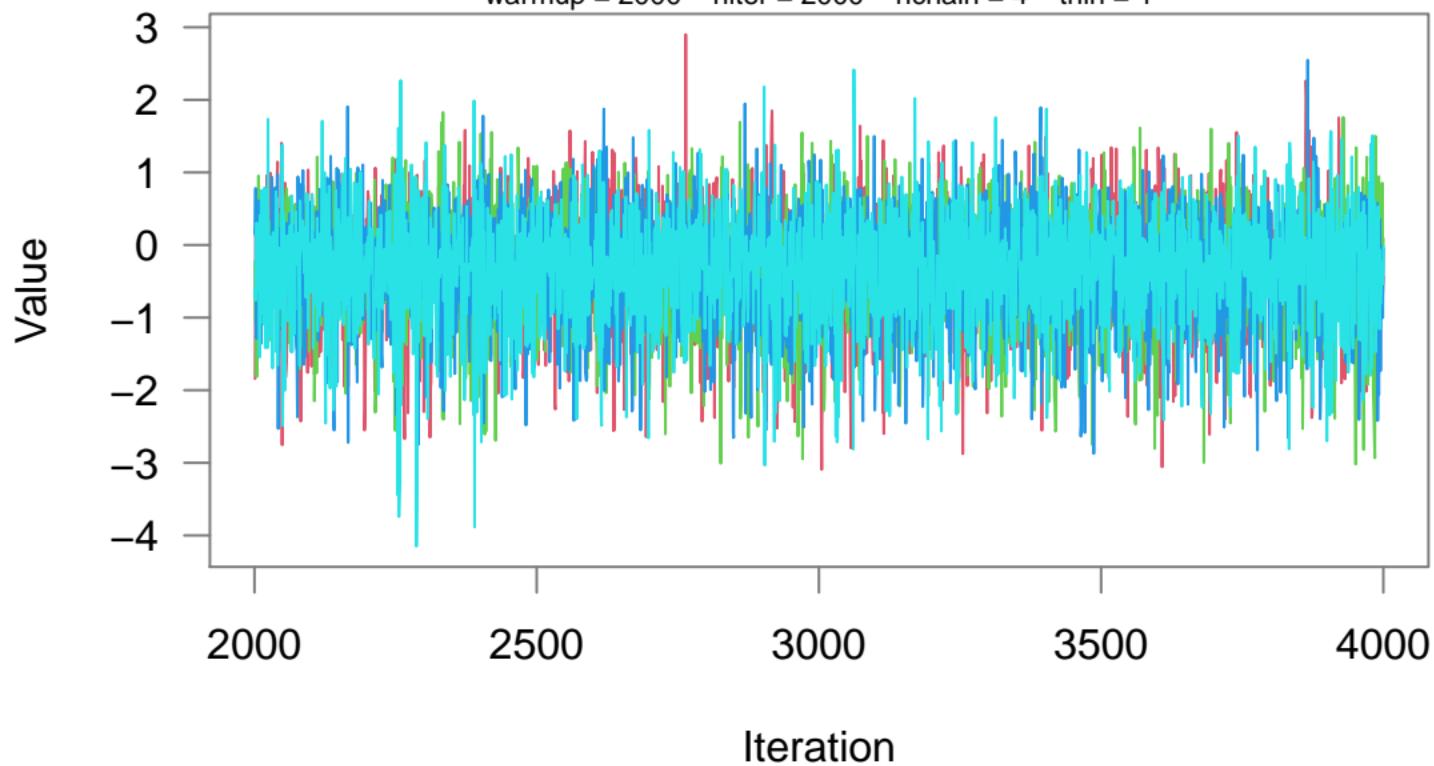
z_4[1,34]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



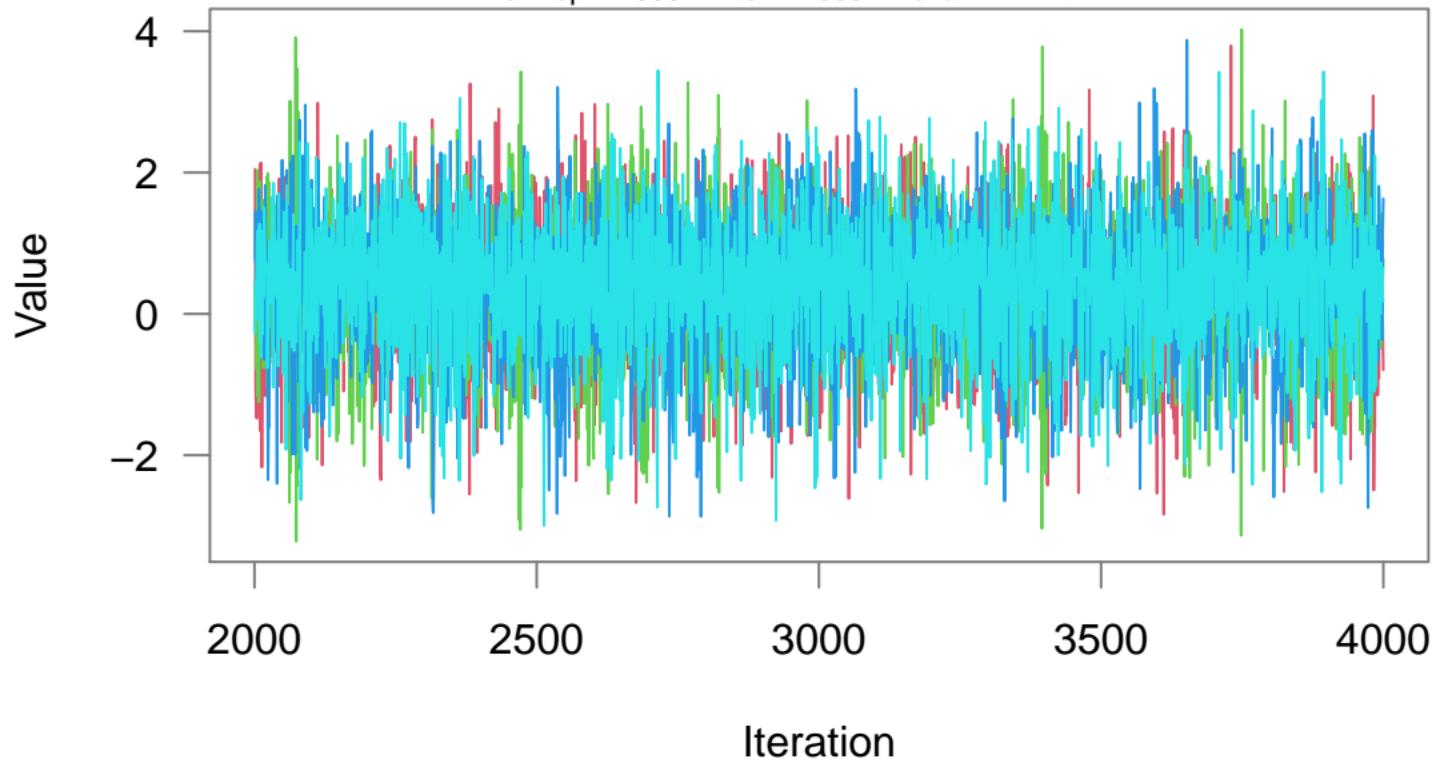
z_4[1,35]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



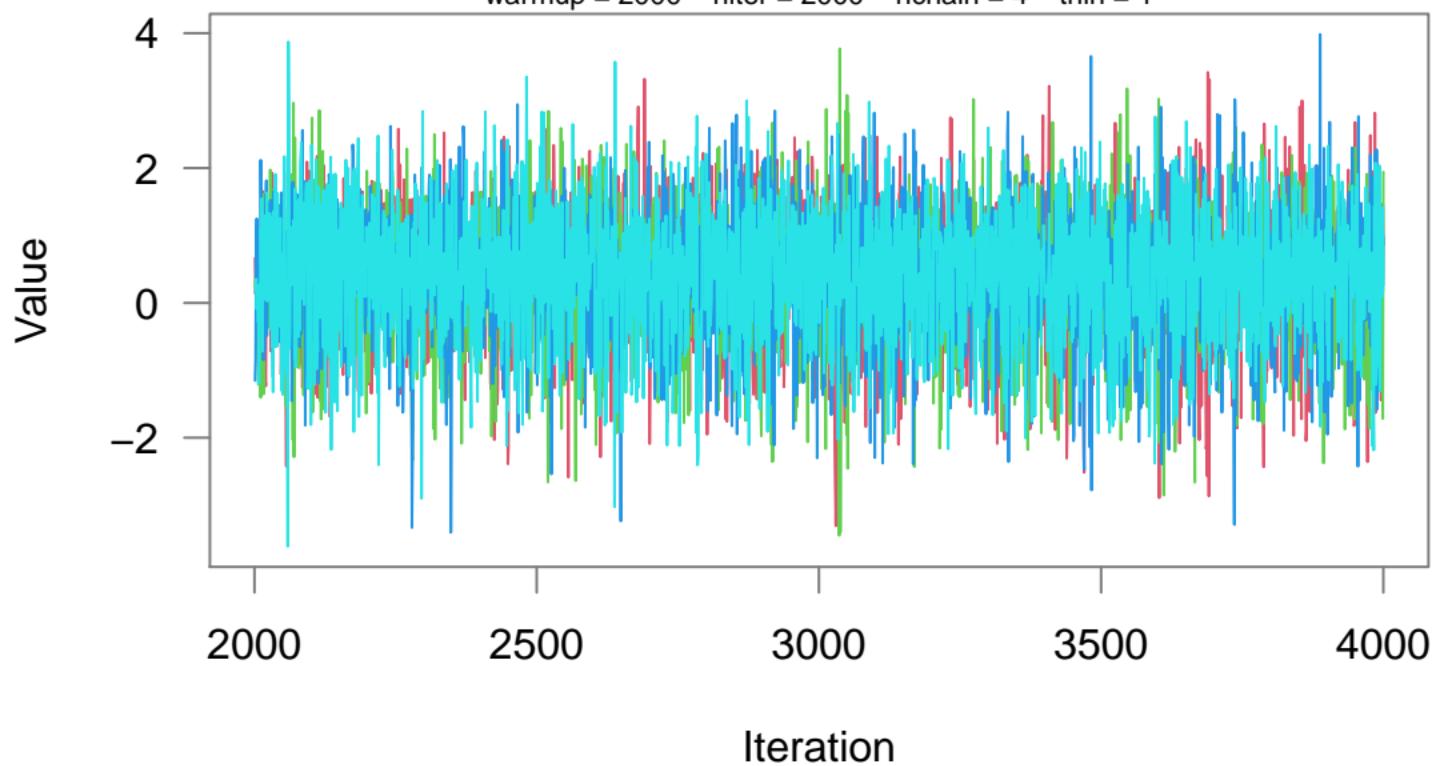
z_4[1,36]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



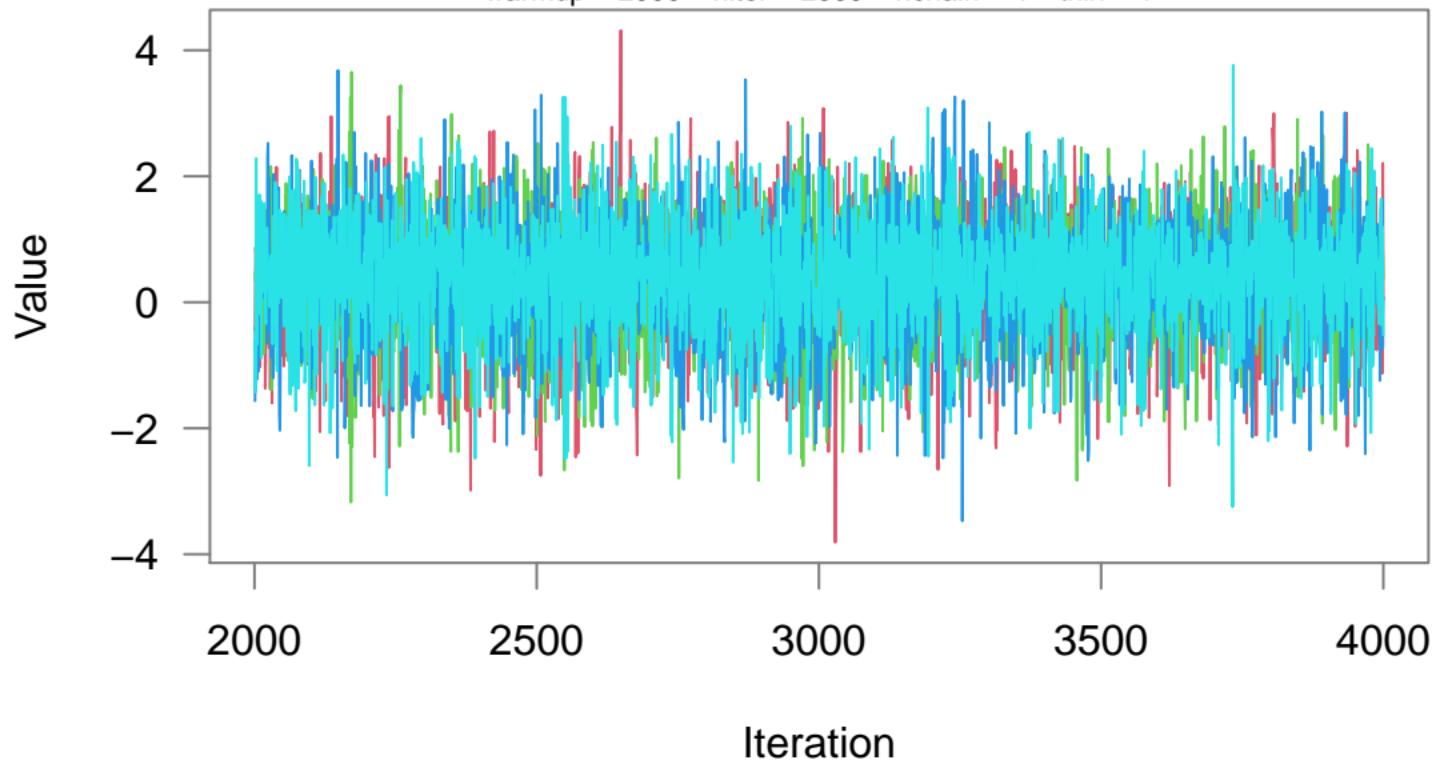
z_4[1,37]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



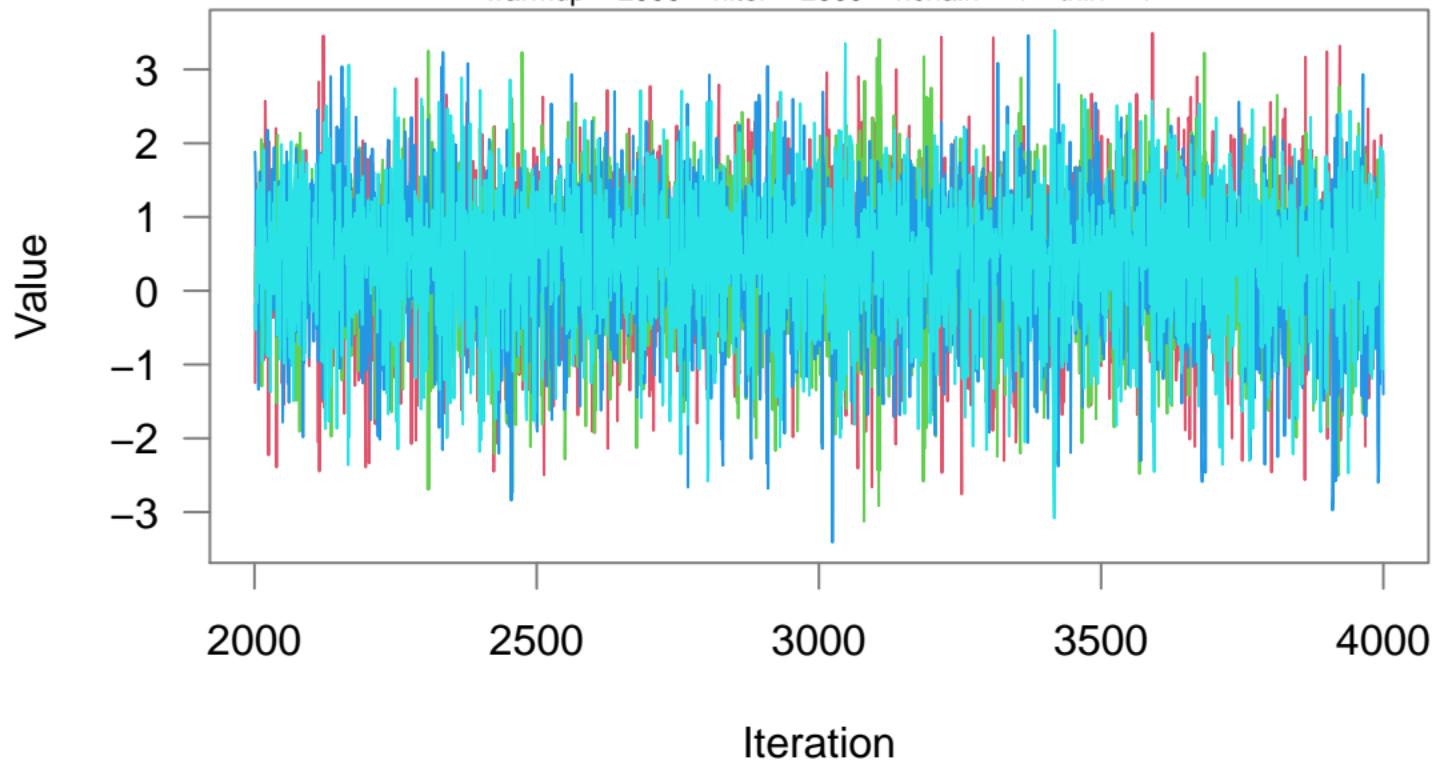
z_4[1,38]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



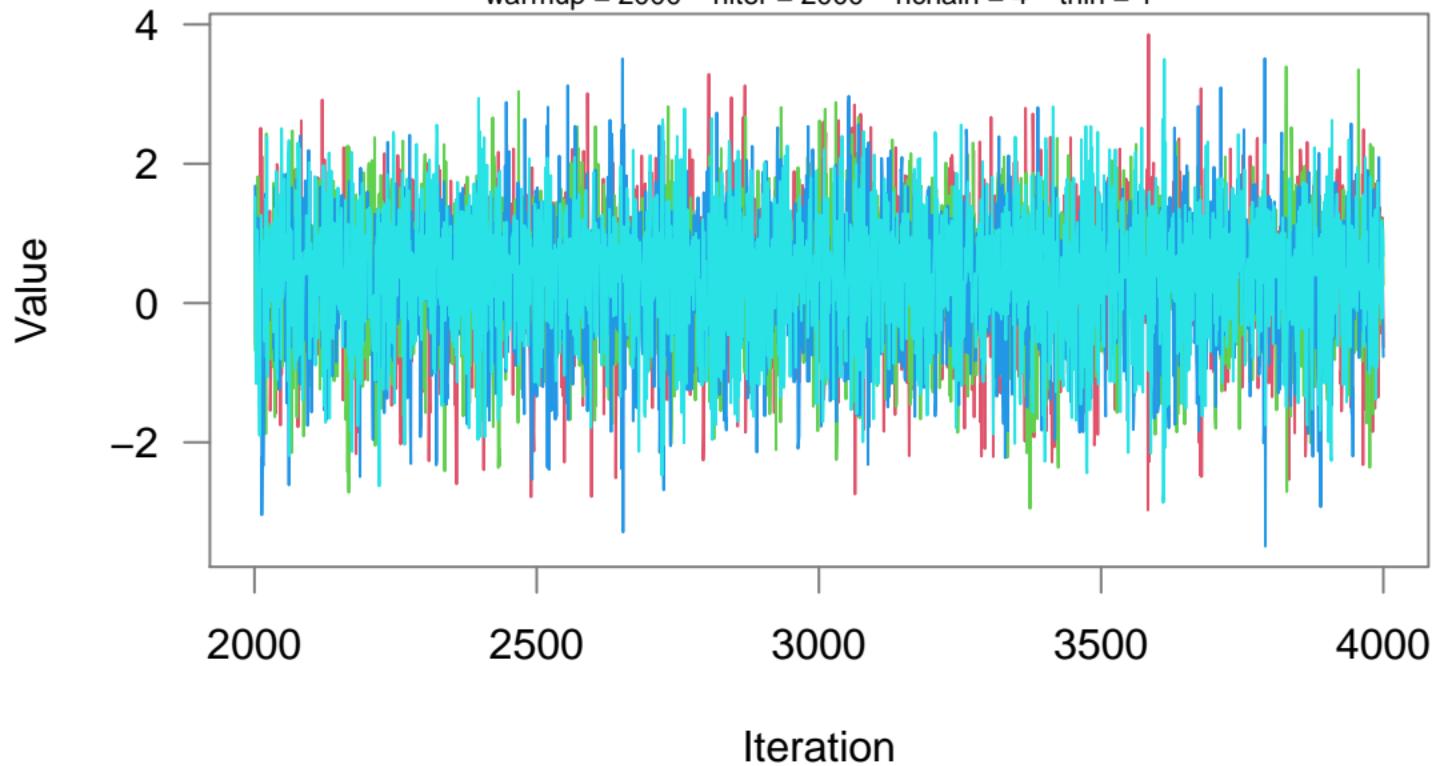
z_4[1,39]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



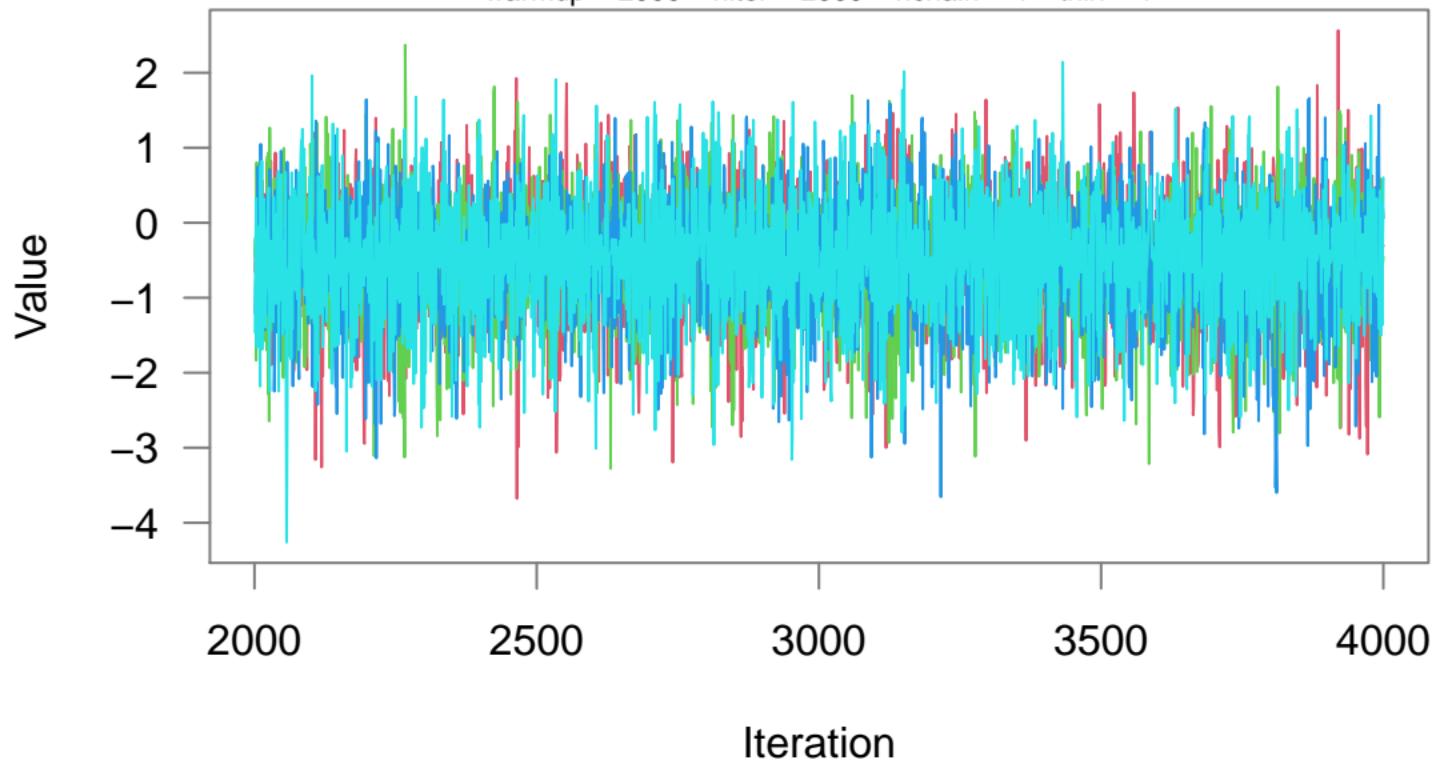
z_4[1,40]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



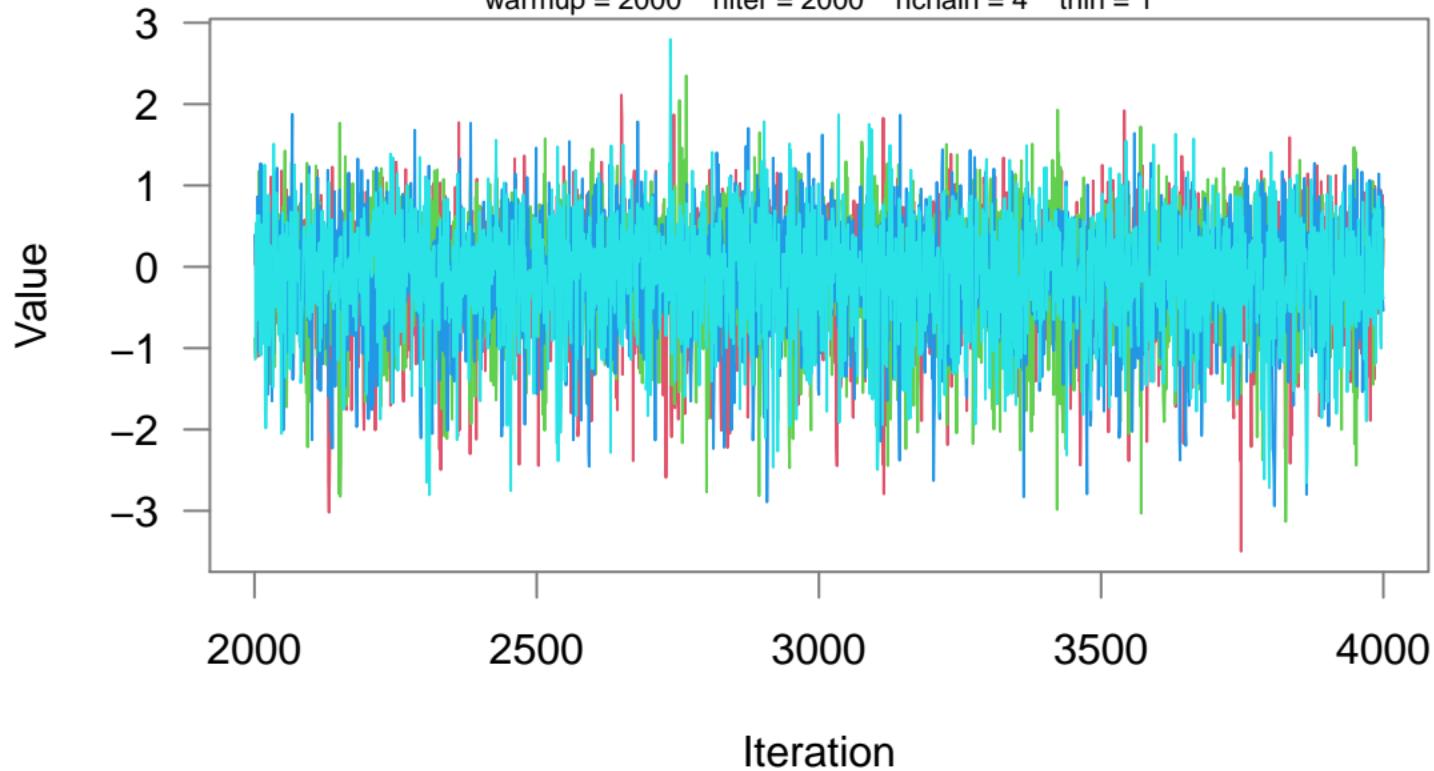
z_4[1,41]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



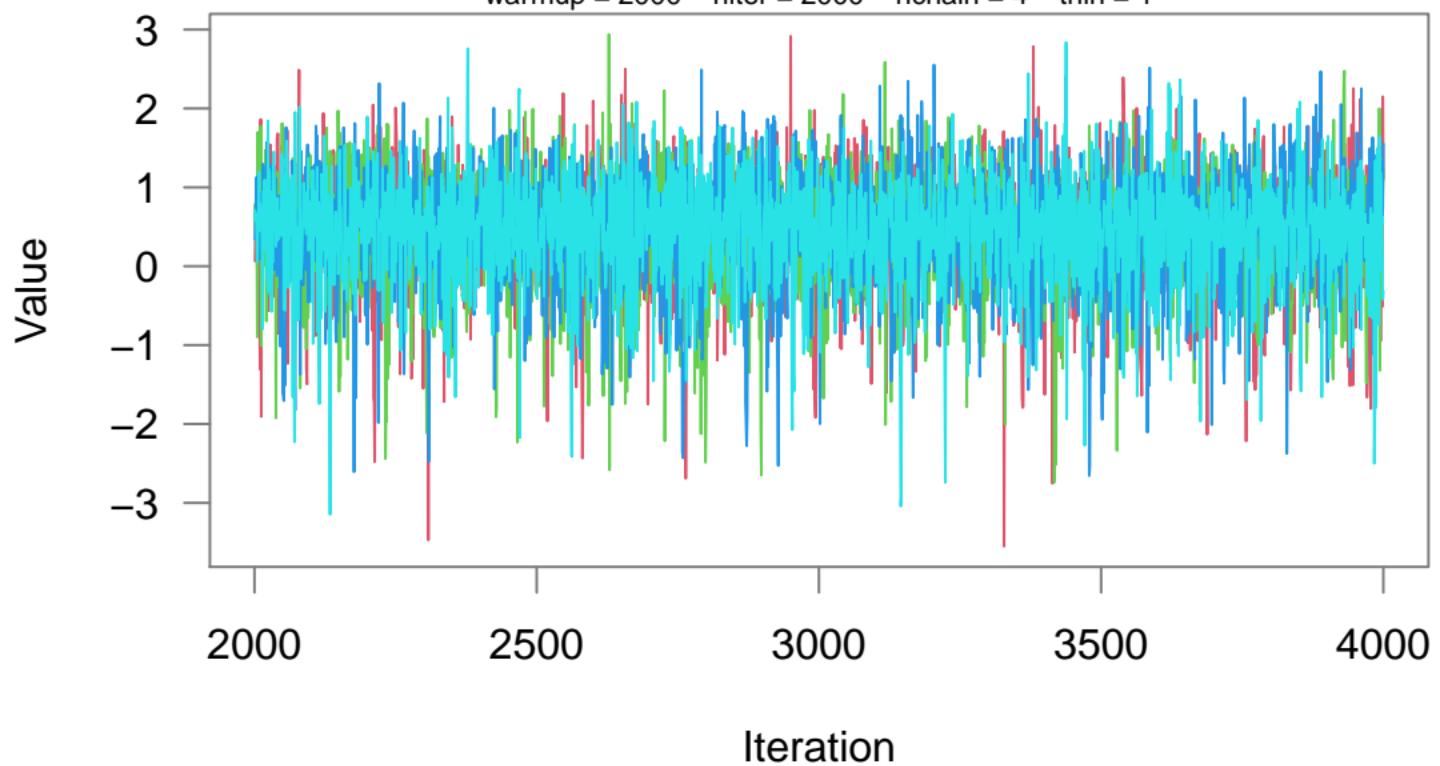
z_4[1,42]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



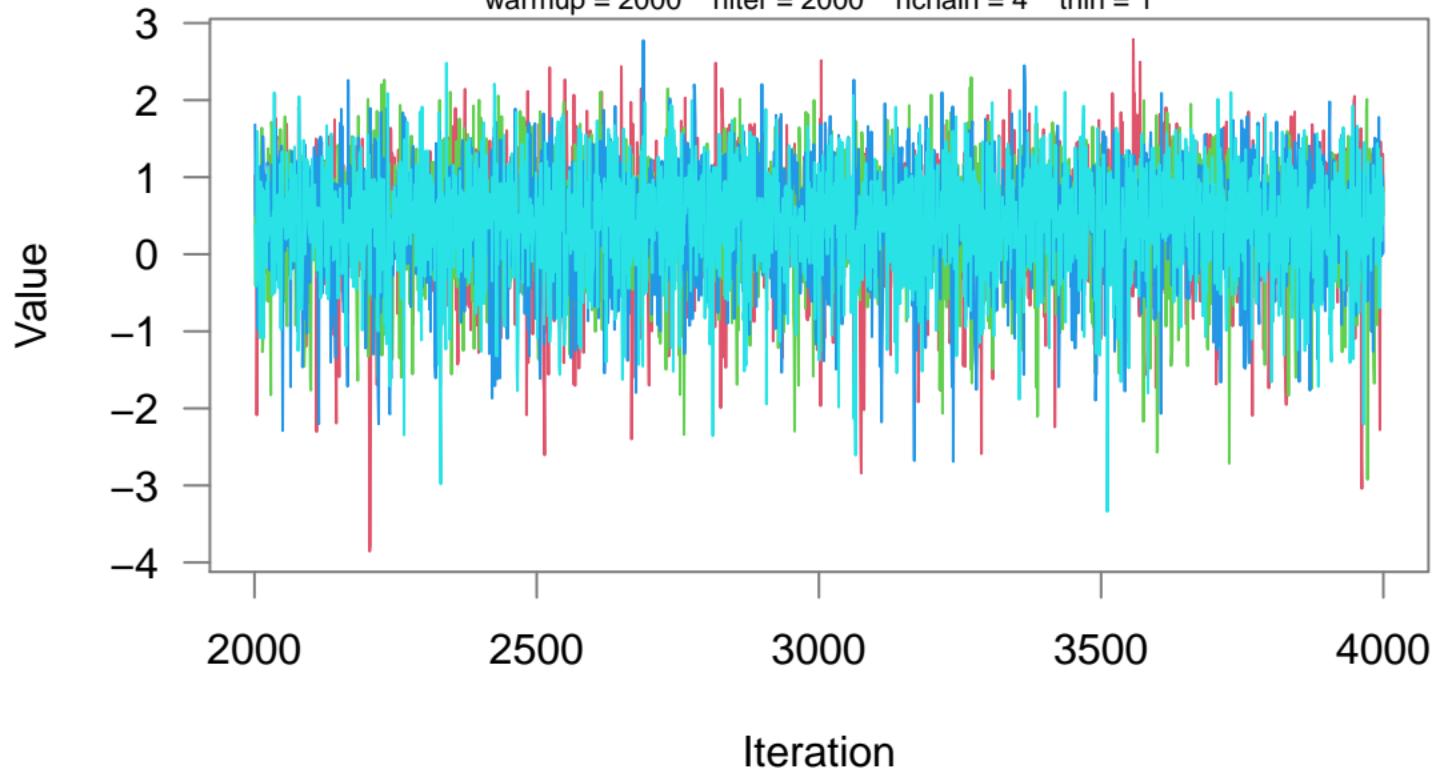
z_4[1,43]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



z_4[1,44]

warmup = 2000 niter = 2000 nchain = 4 thin = 1



z_4[1,45]

warmup = 2000 niter = 2000 nchain = 4 thin = 1

