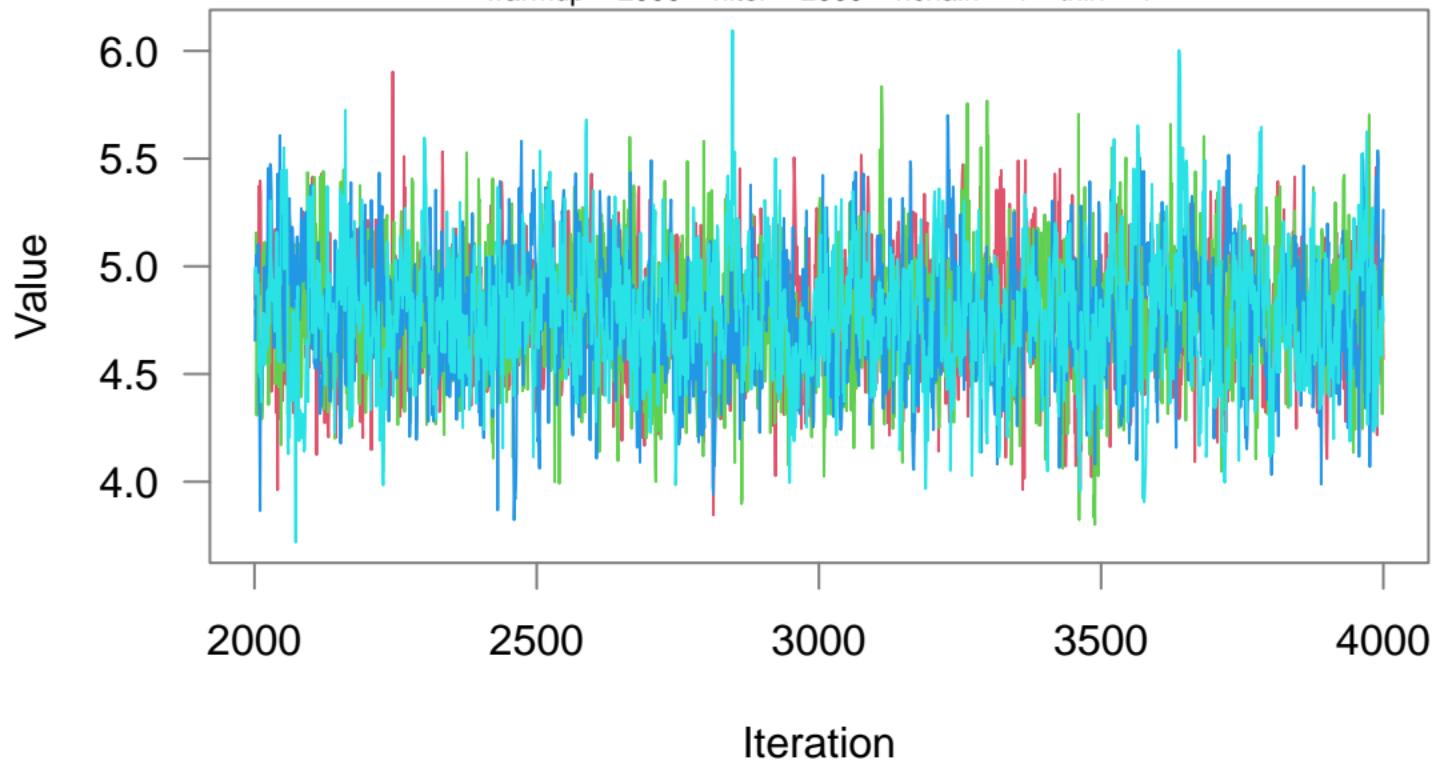


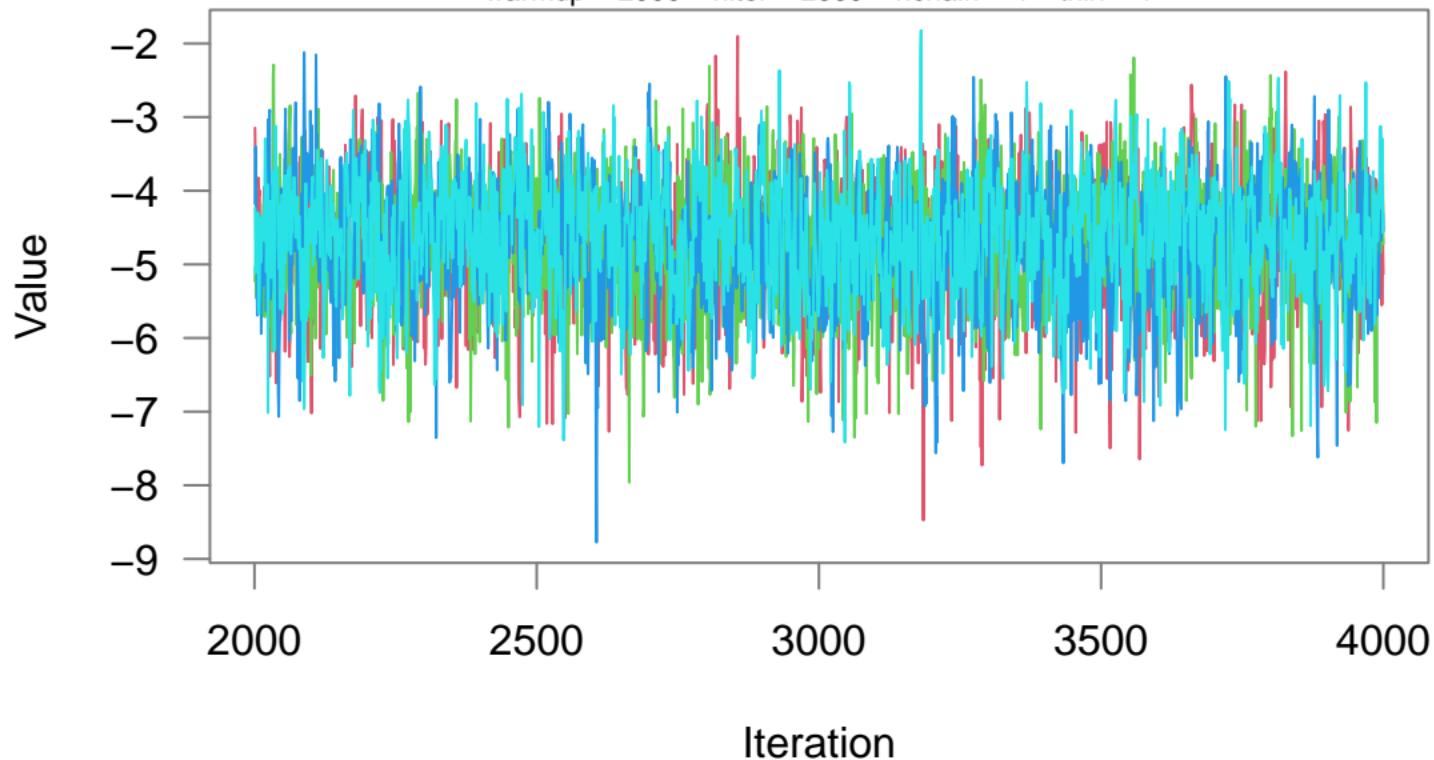
b_Intercept

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



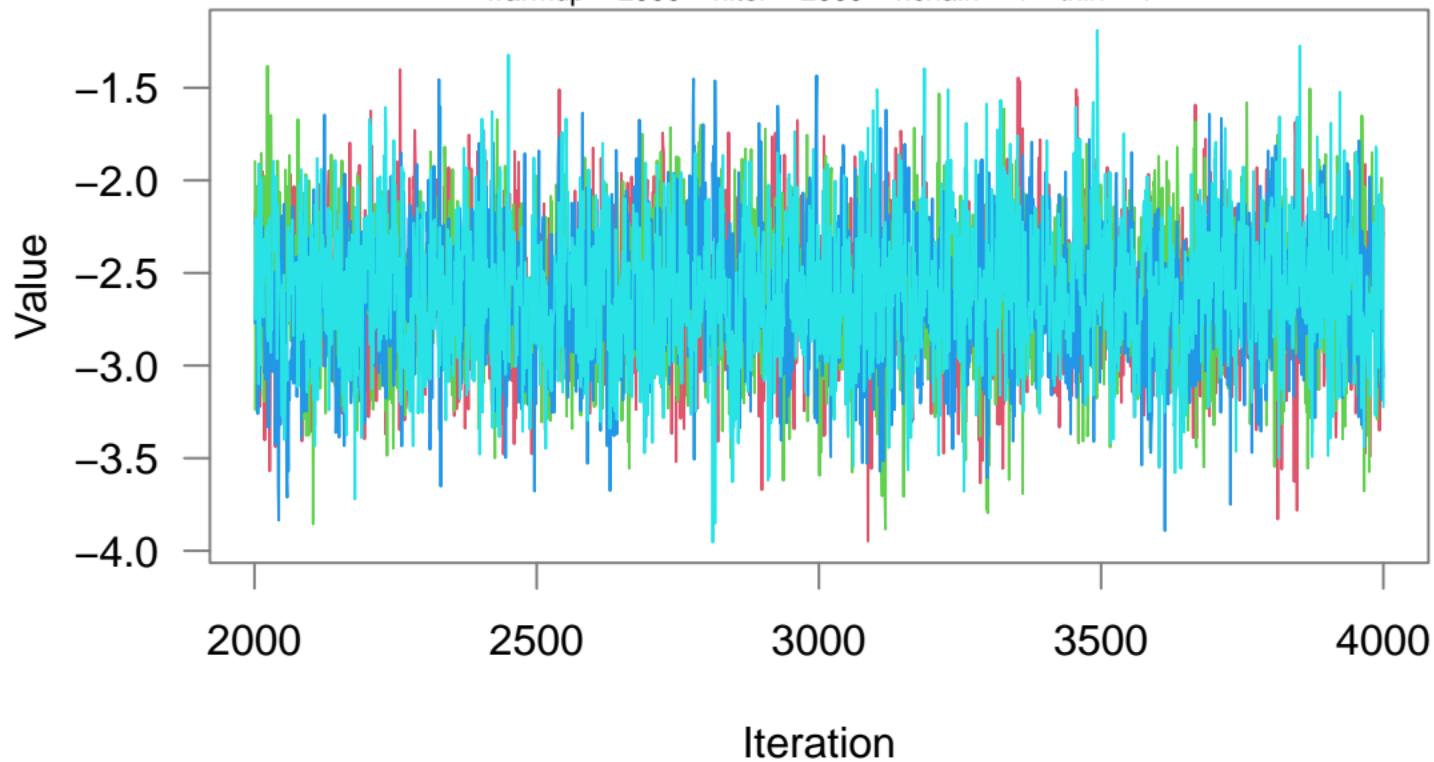
b_zi_Intercept

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



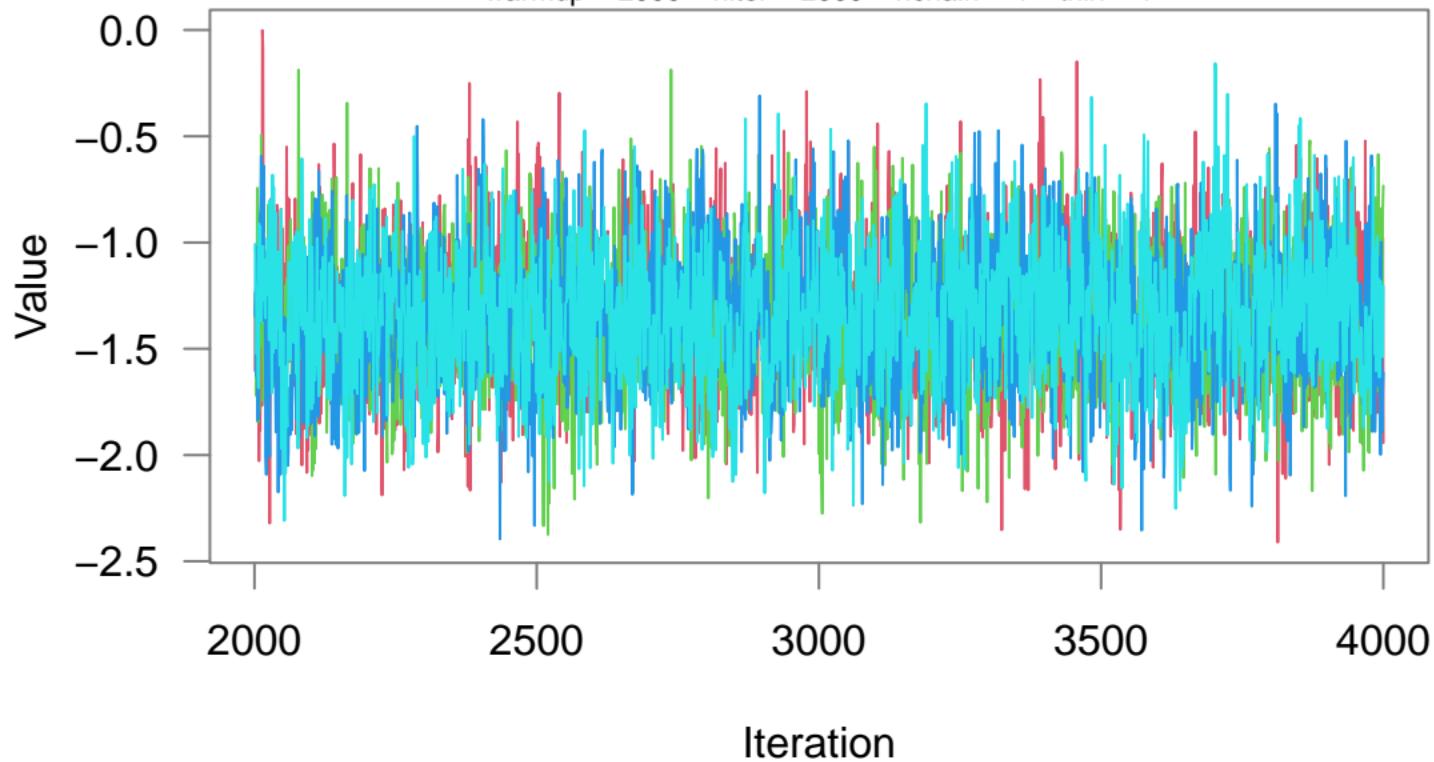
b_year_fac2007

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



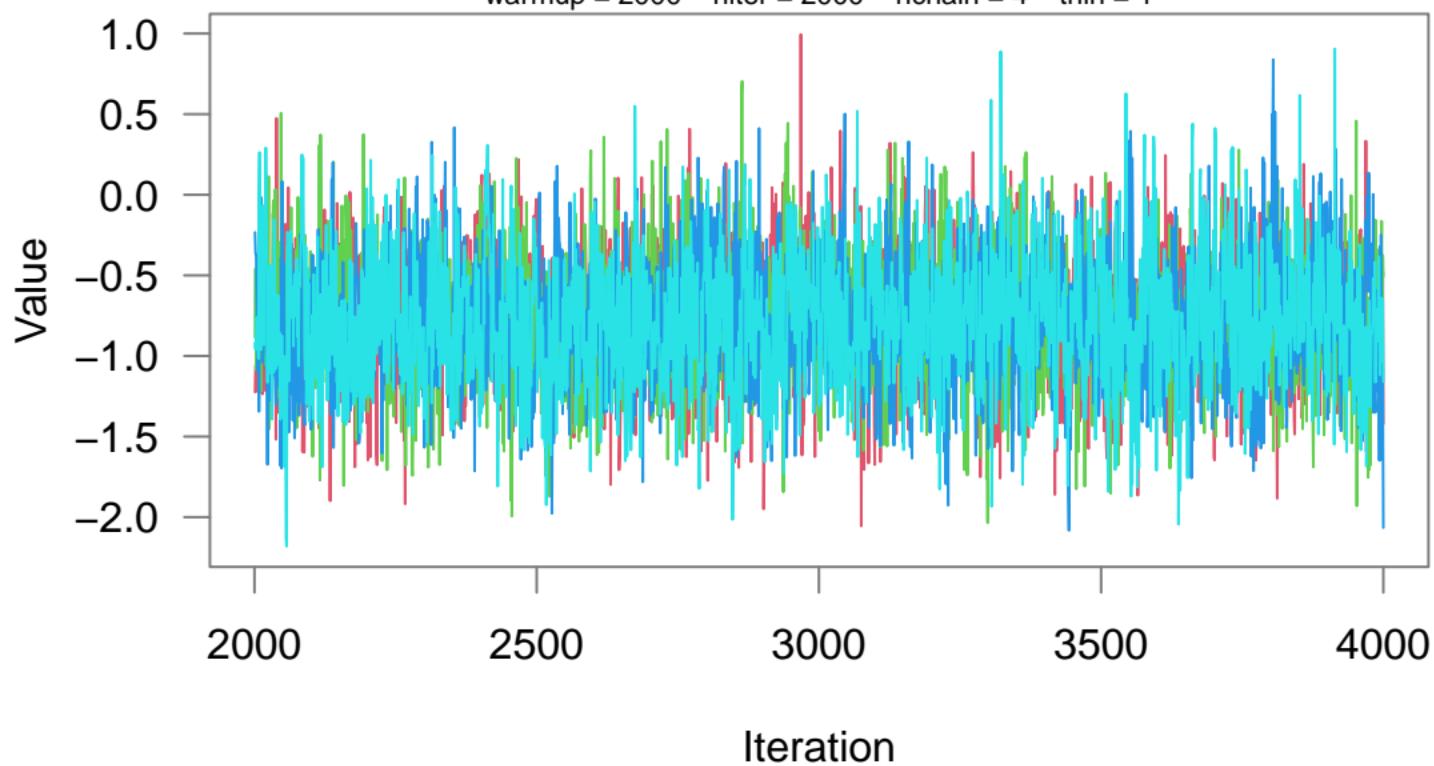
b_year_fac2008

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



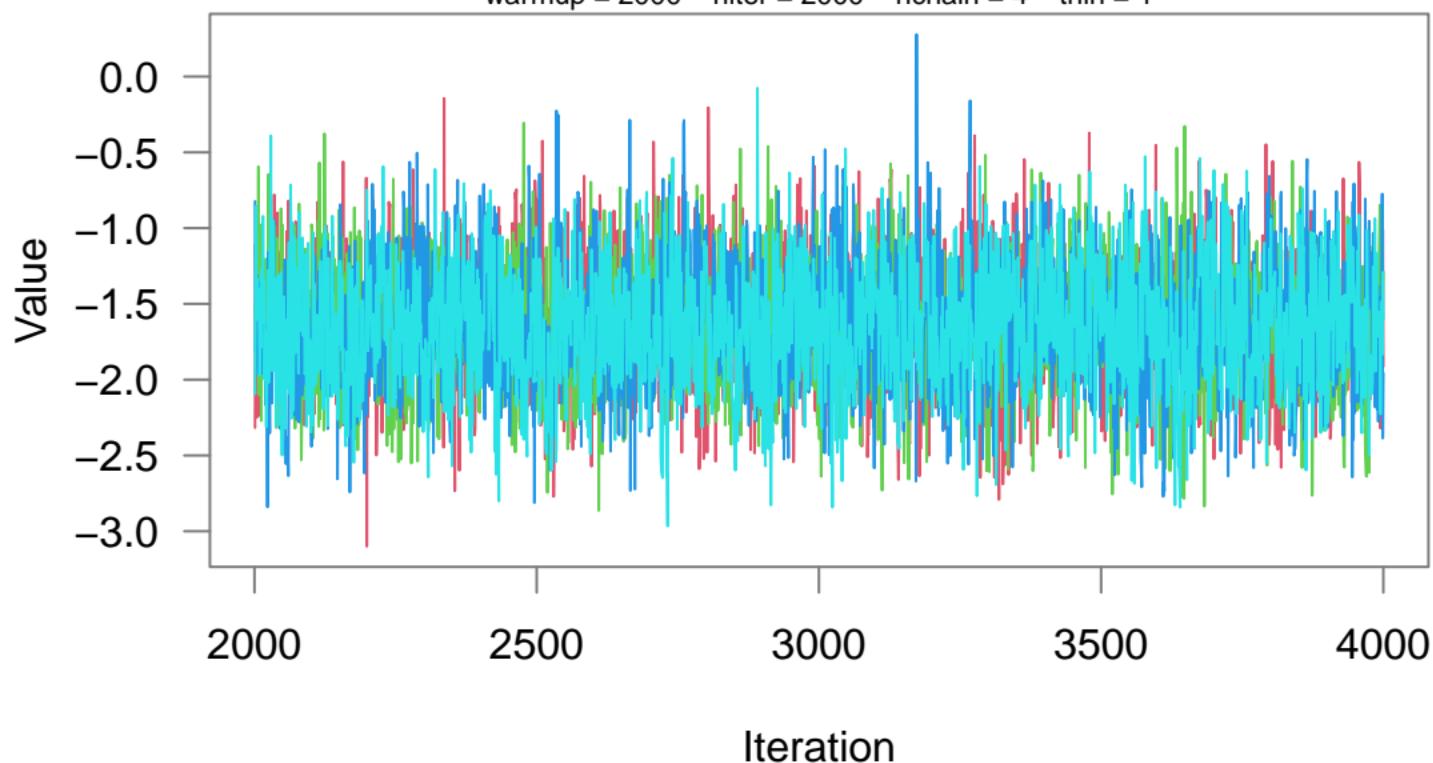
b_year_fac2009

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



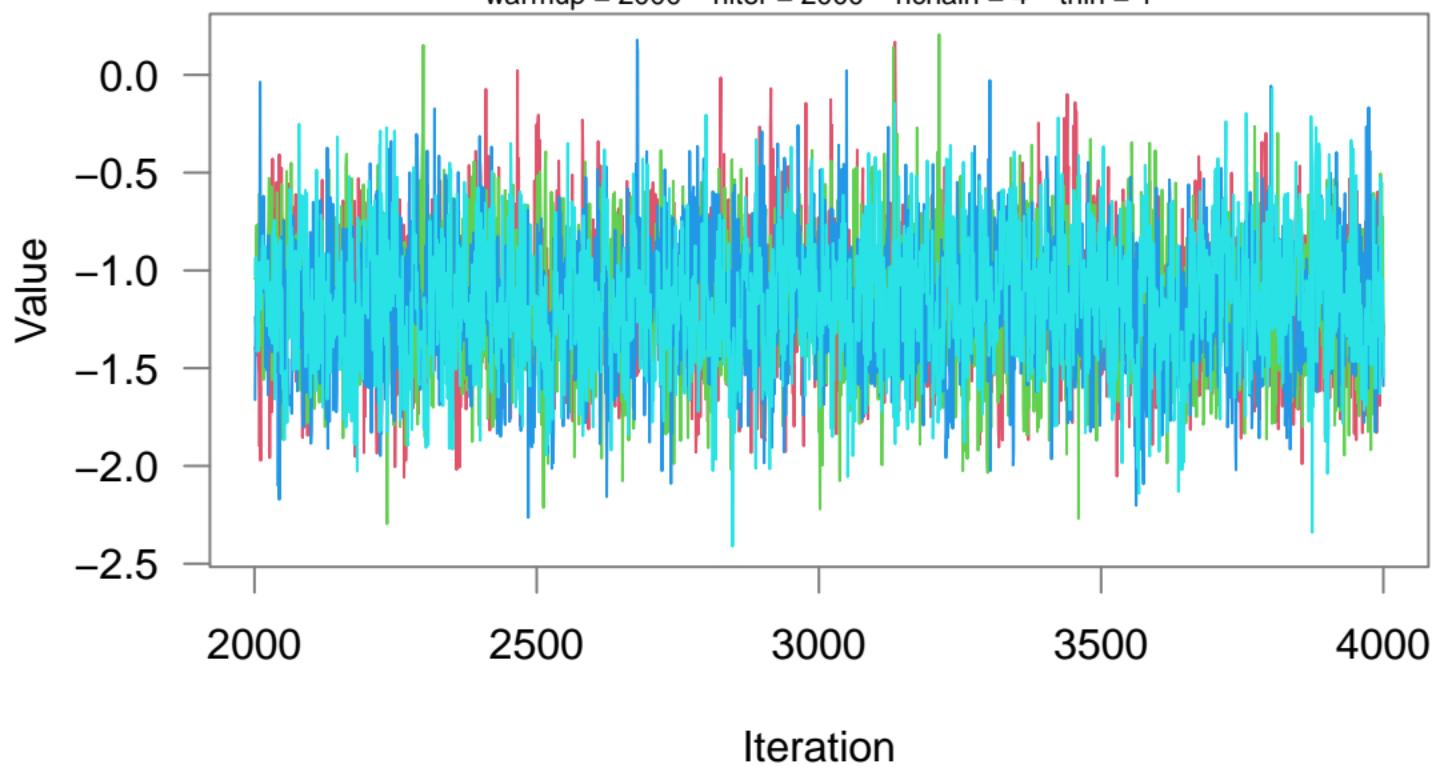
b_year_fac2010

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



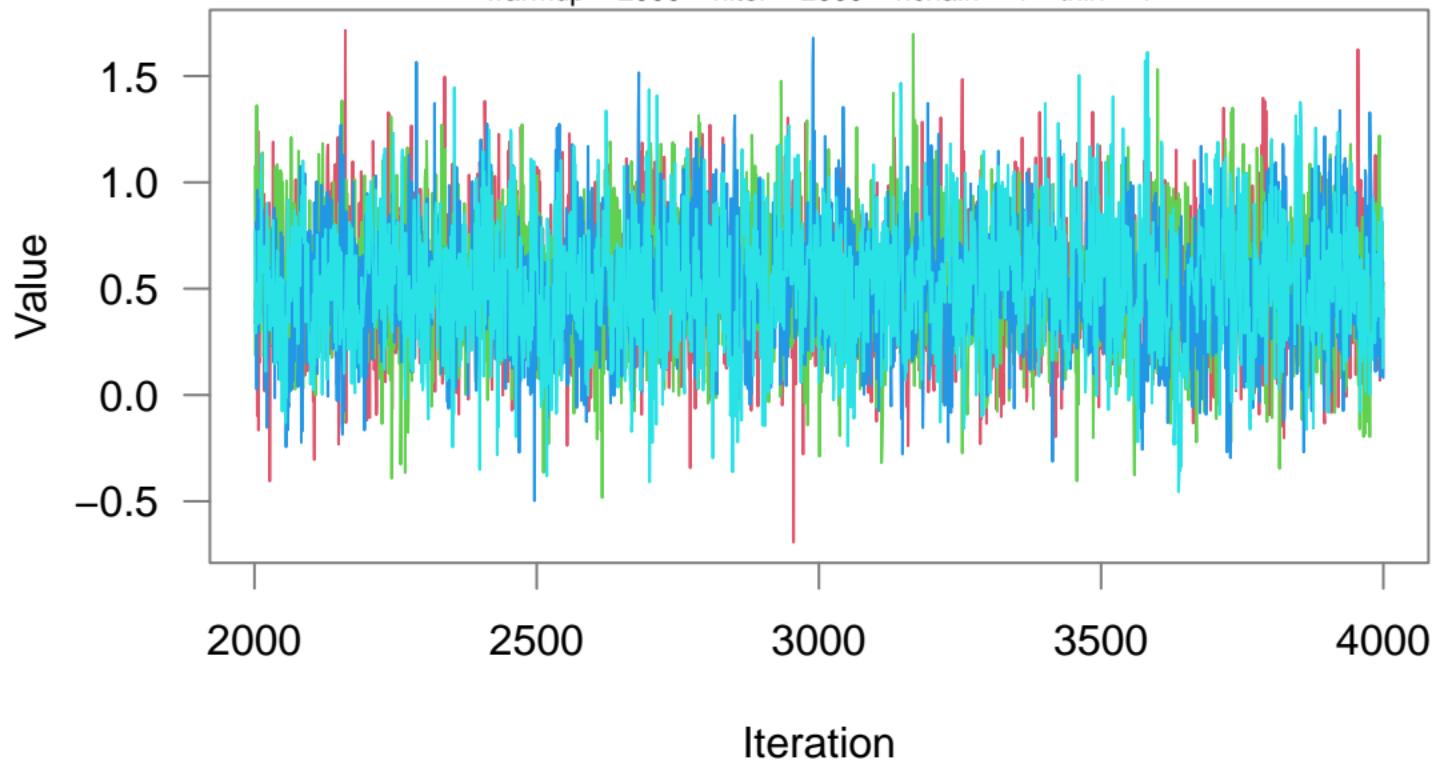
b_year_fac2011

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

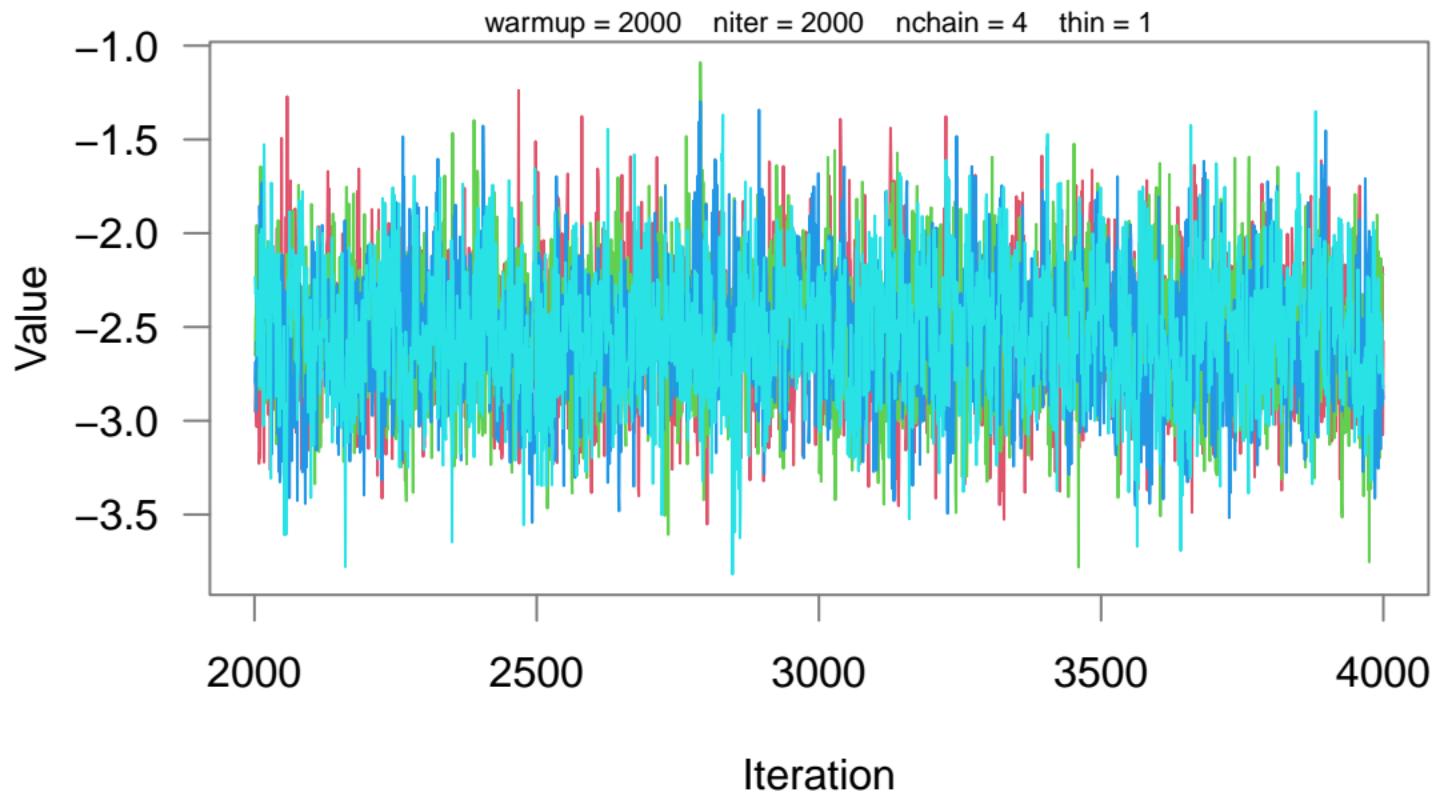


b_year_fac2012

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

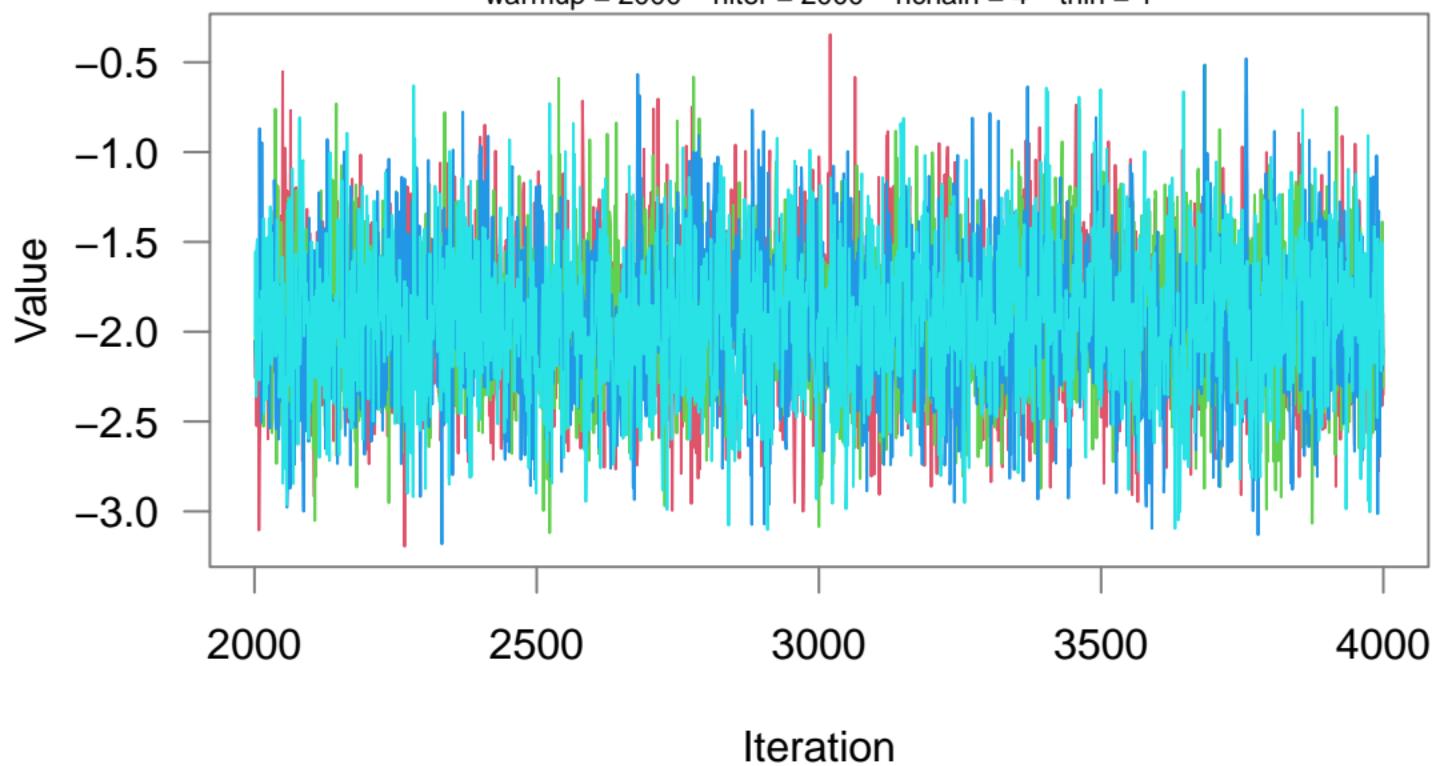


b_year_fac2013



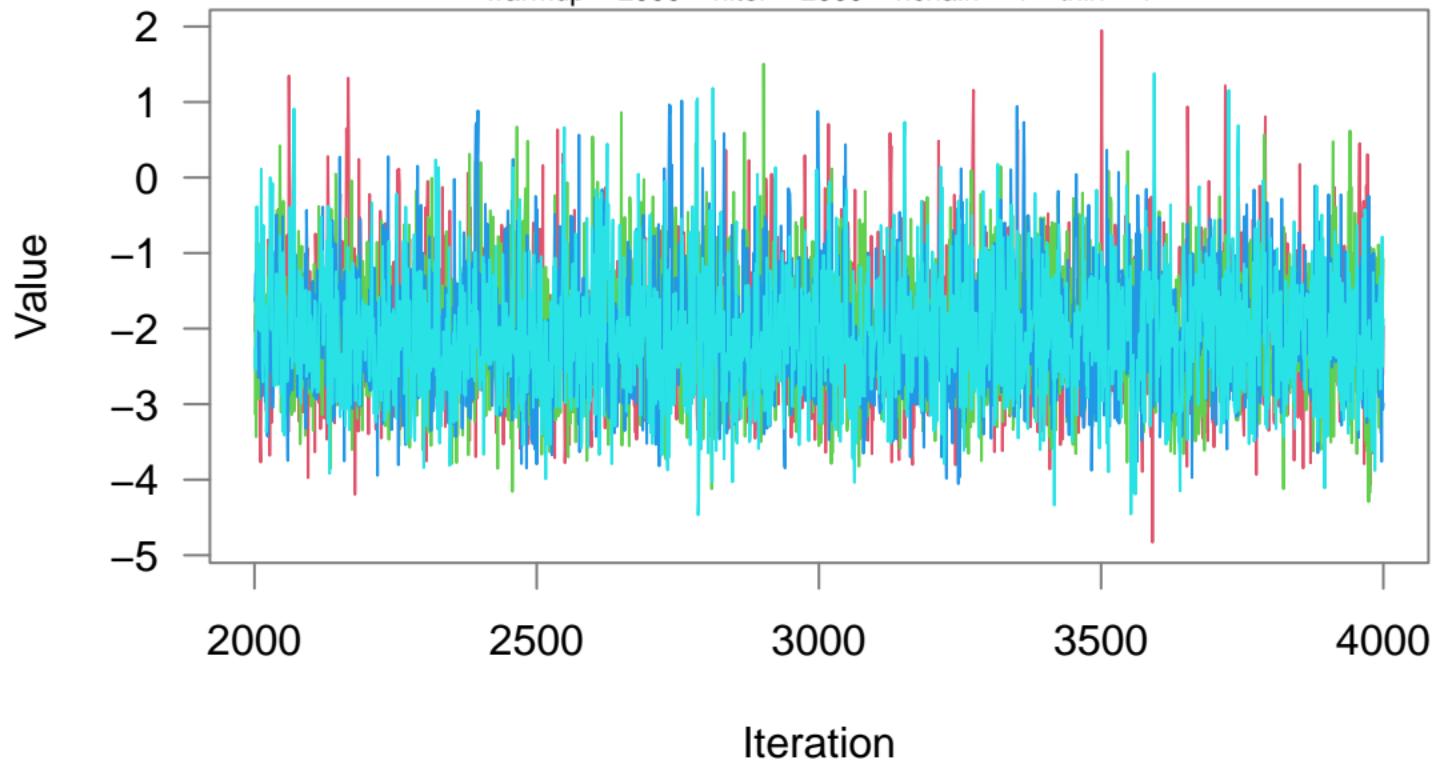
b_year_fac2014

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



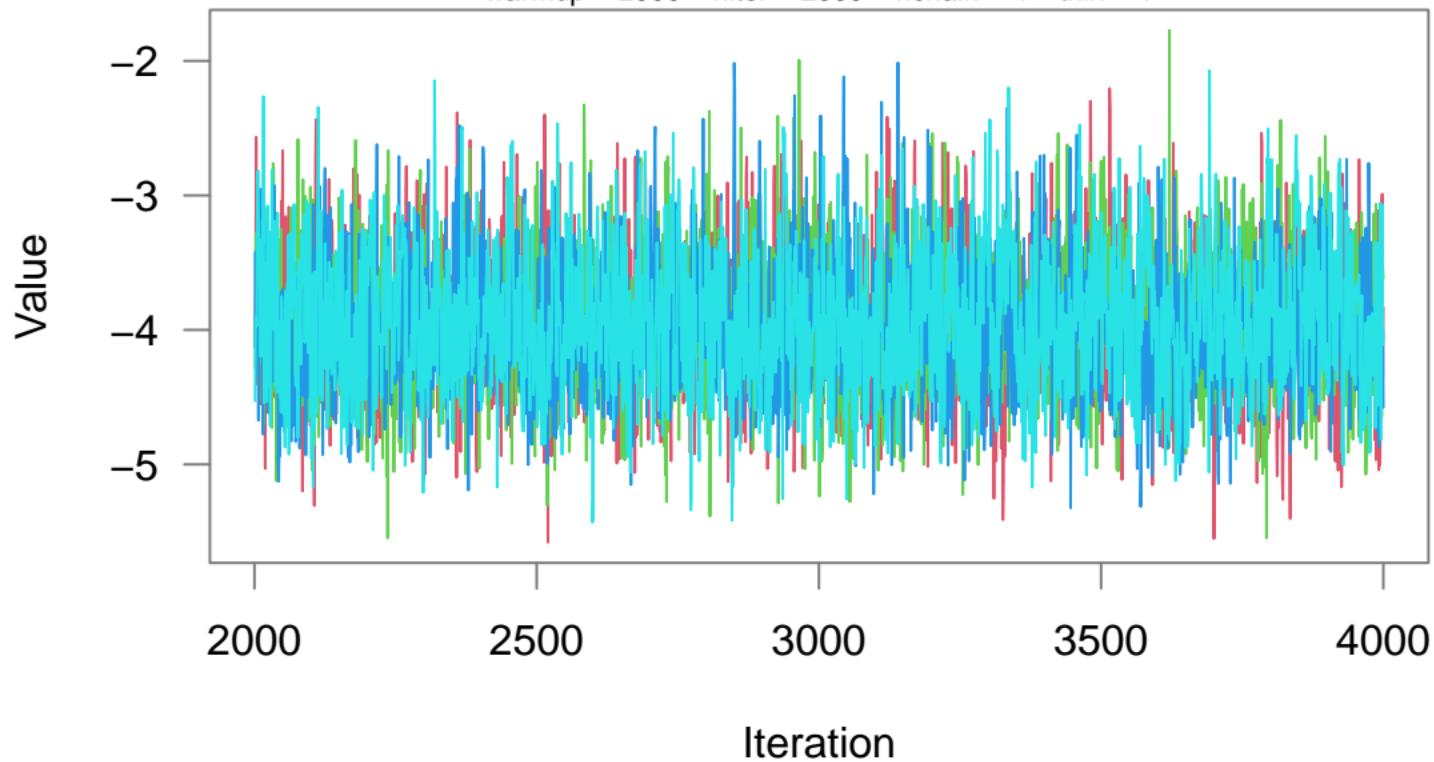
b_year_fac2015

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



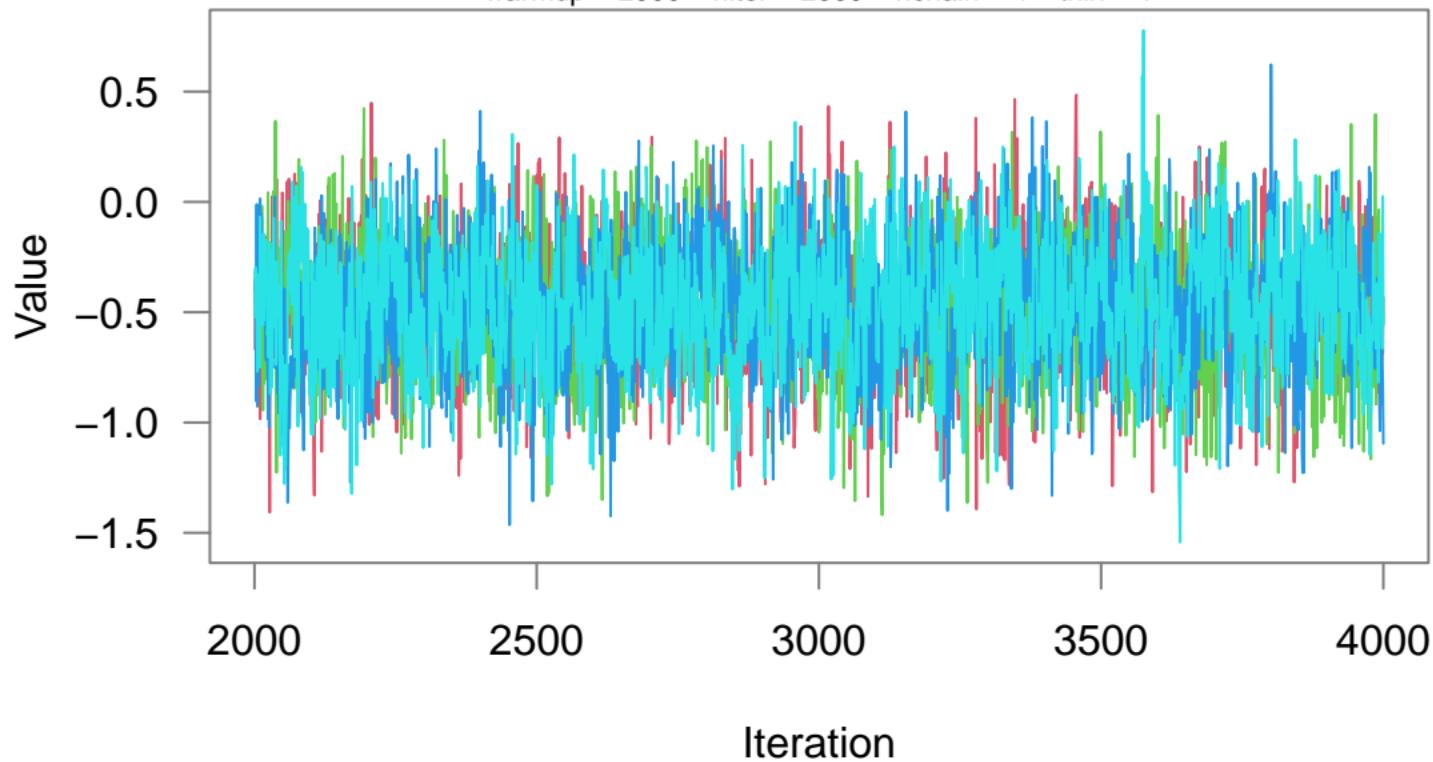
b_year_fac2016

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



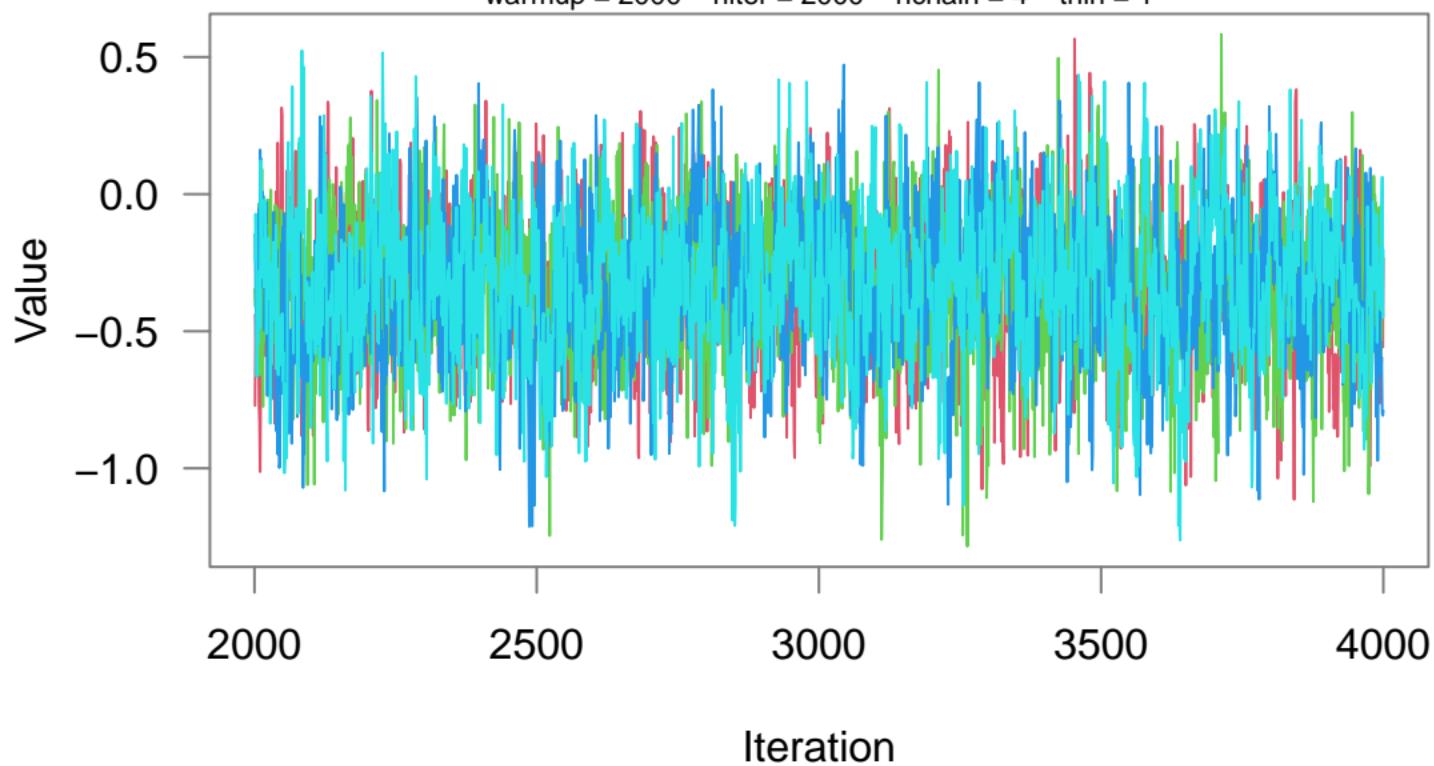
b_year_fac2017

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



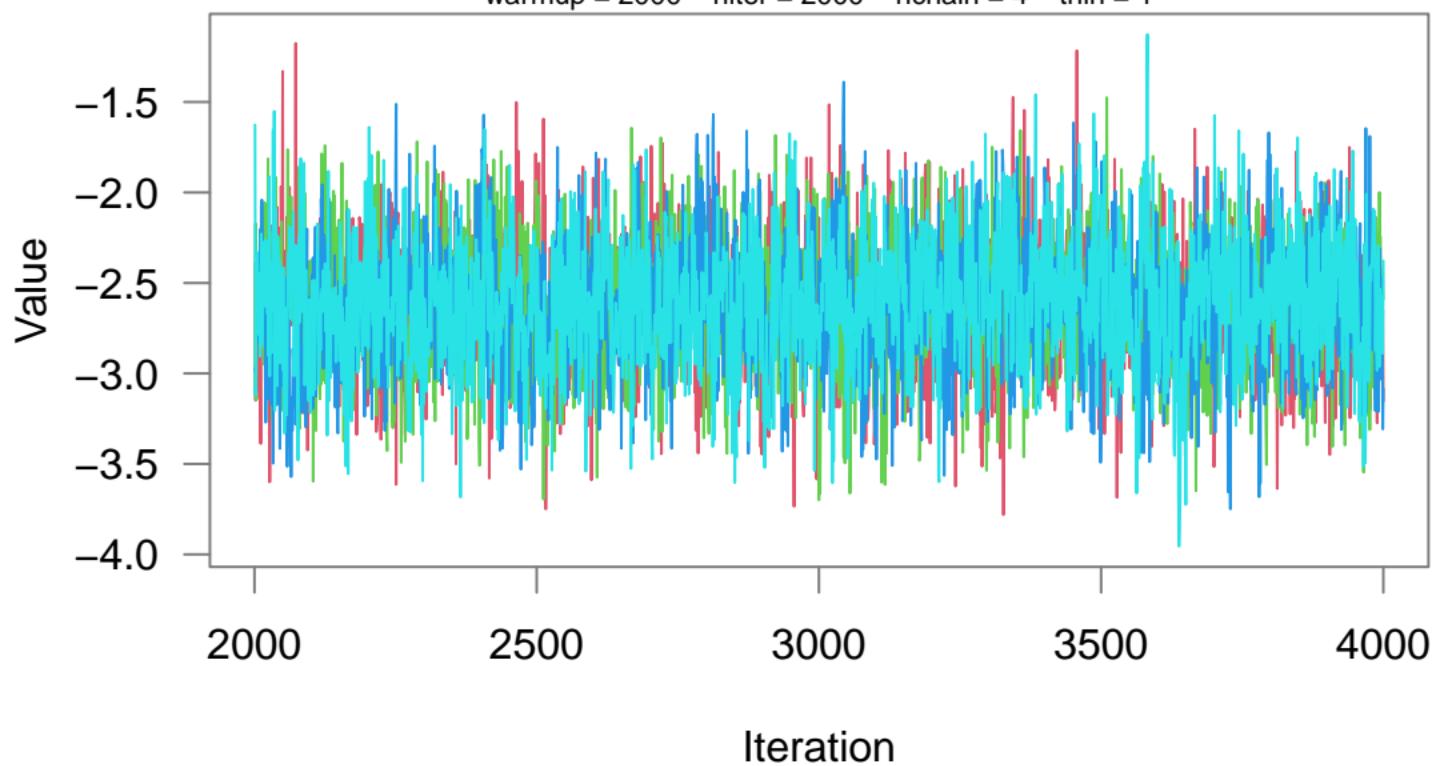
b_year_fac2018

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



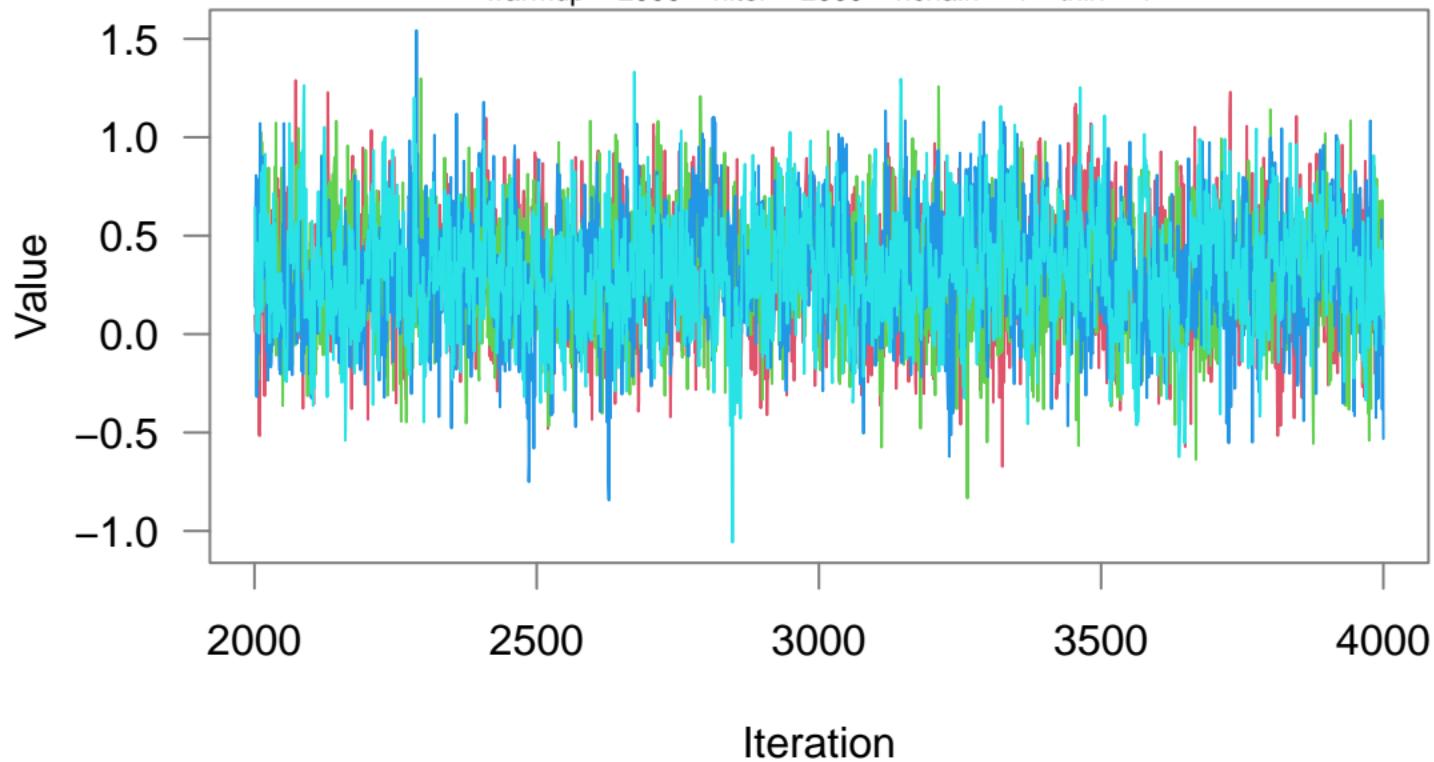
b_year_fac2019

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



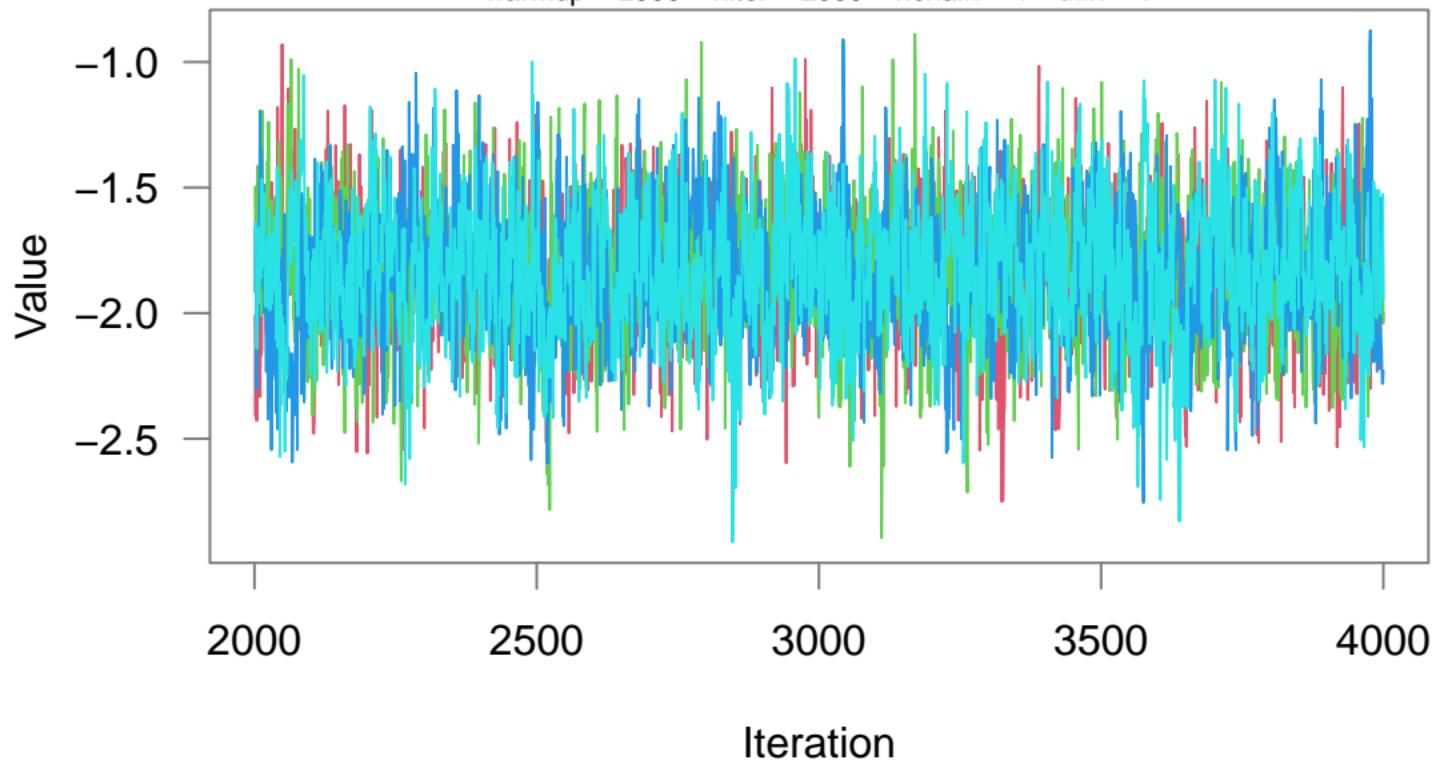
b_year_fac2020

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



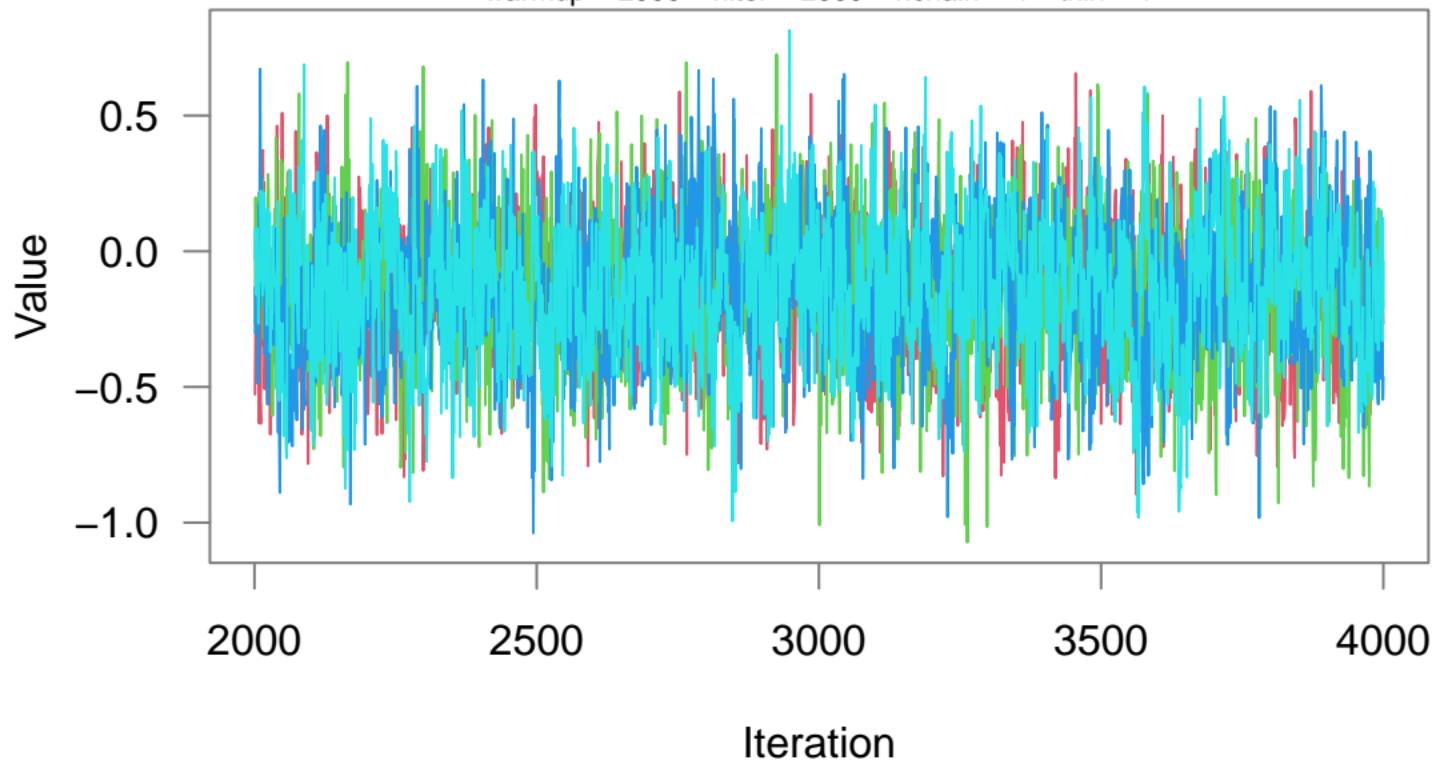
b_year_fac2021

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



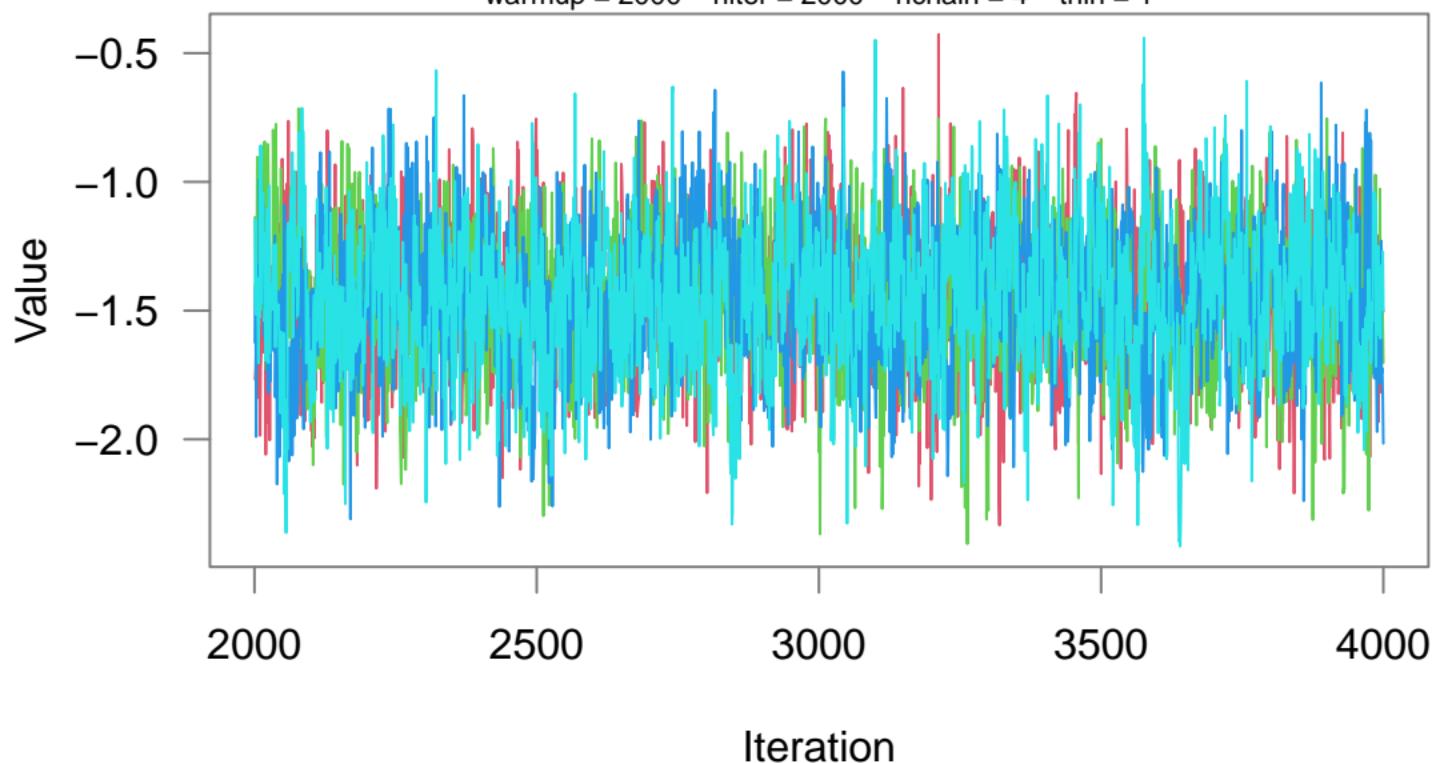
b_year_fac2022

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



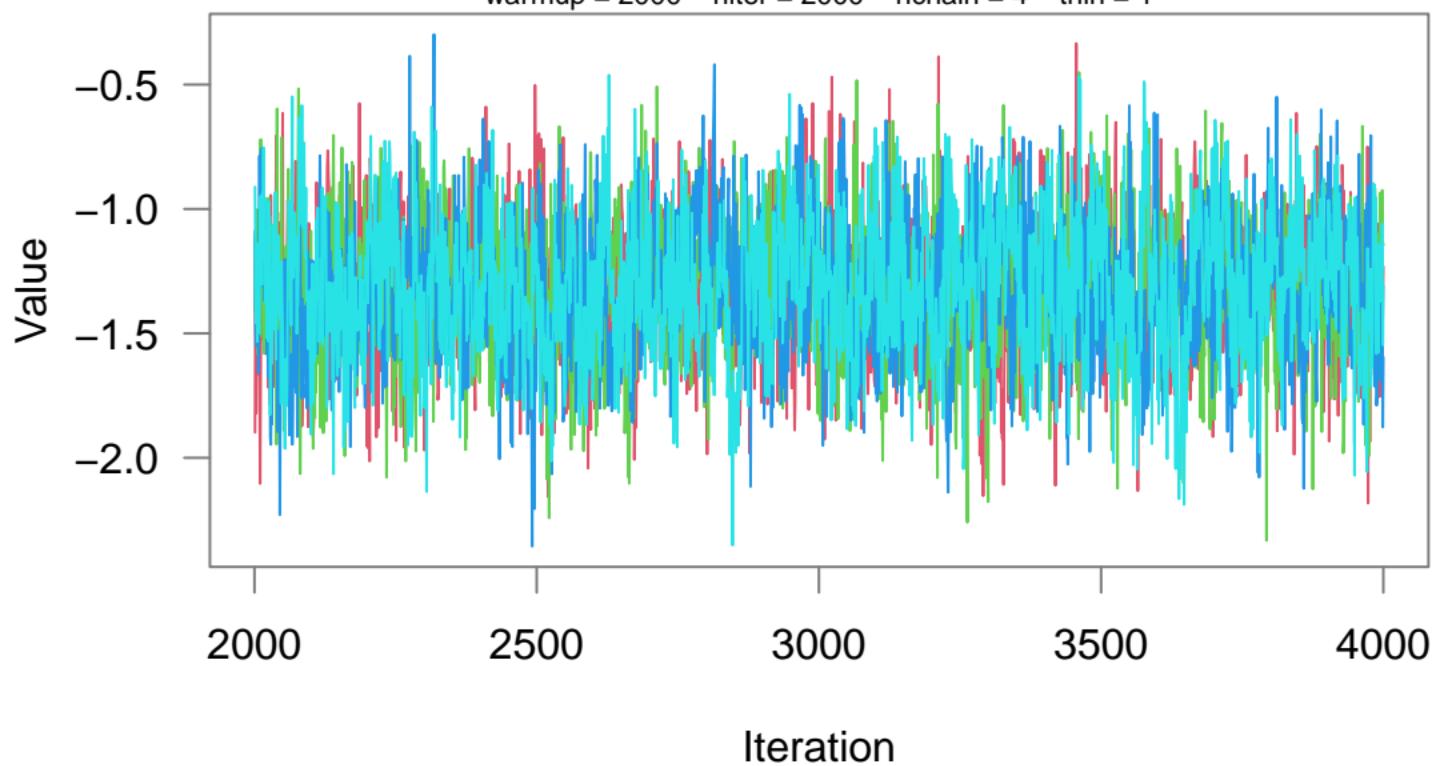
b_year_fac2023

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



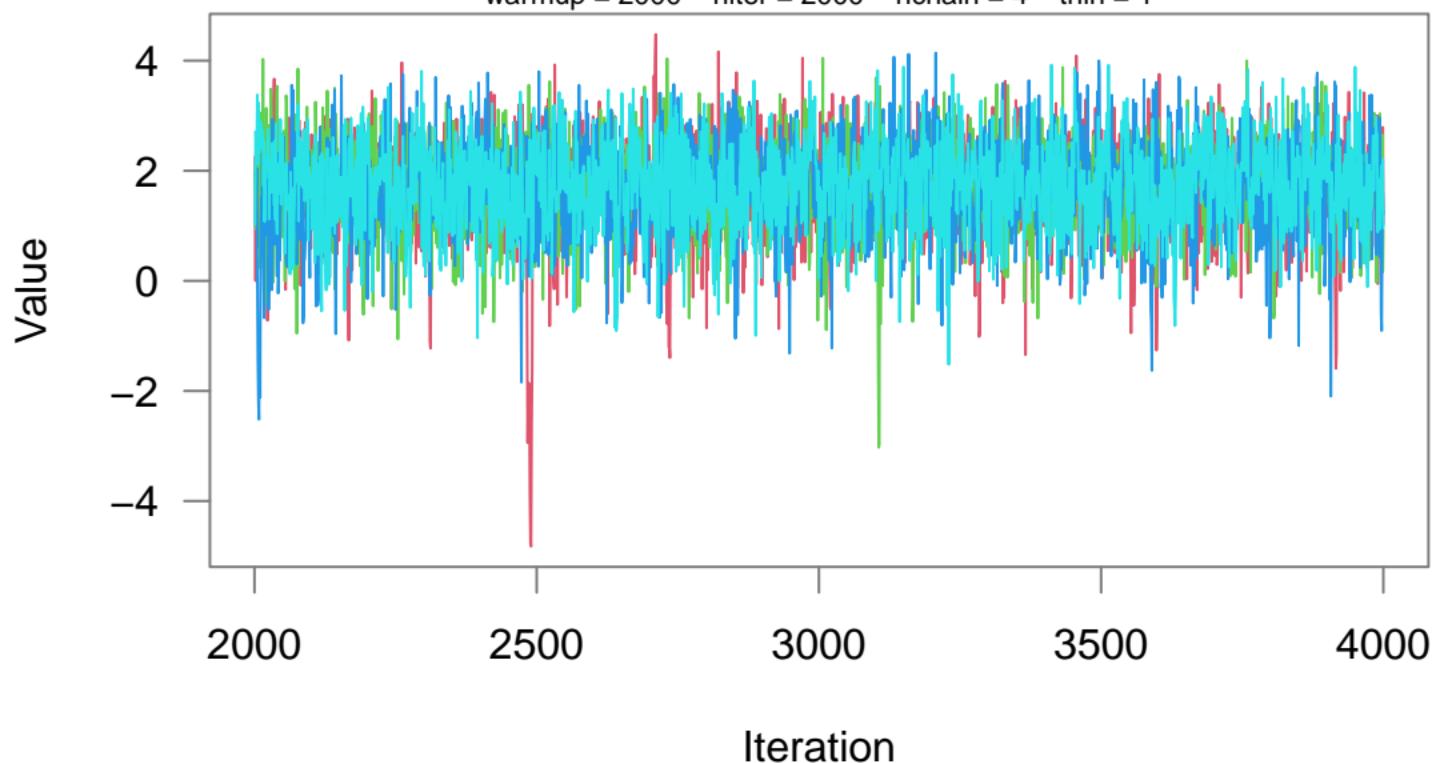
b_year_fac2024

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



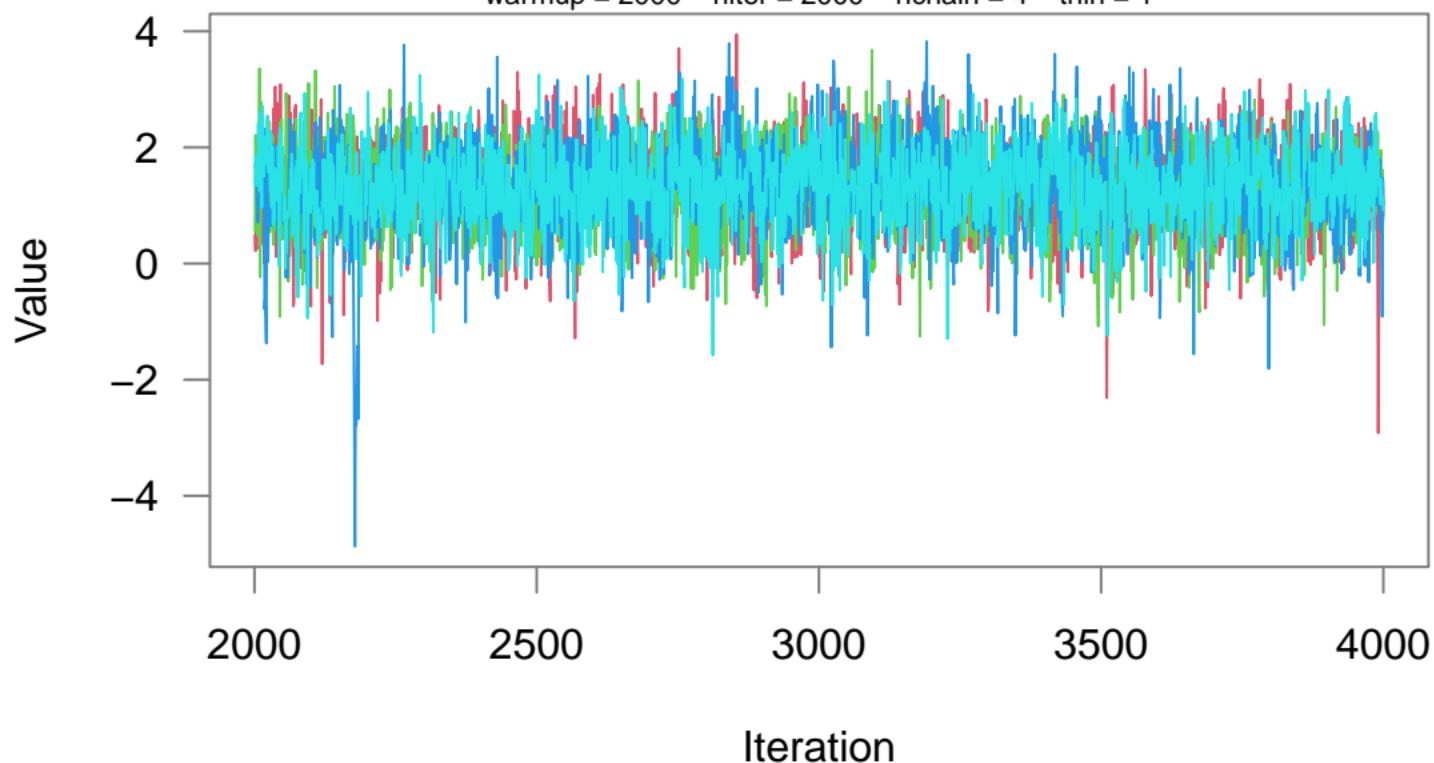
b_zi_year_fac2007

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



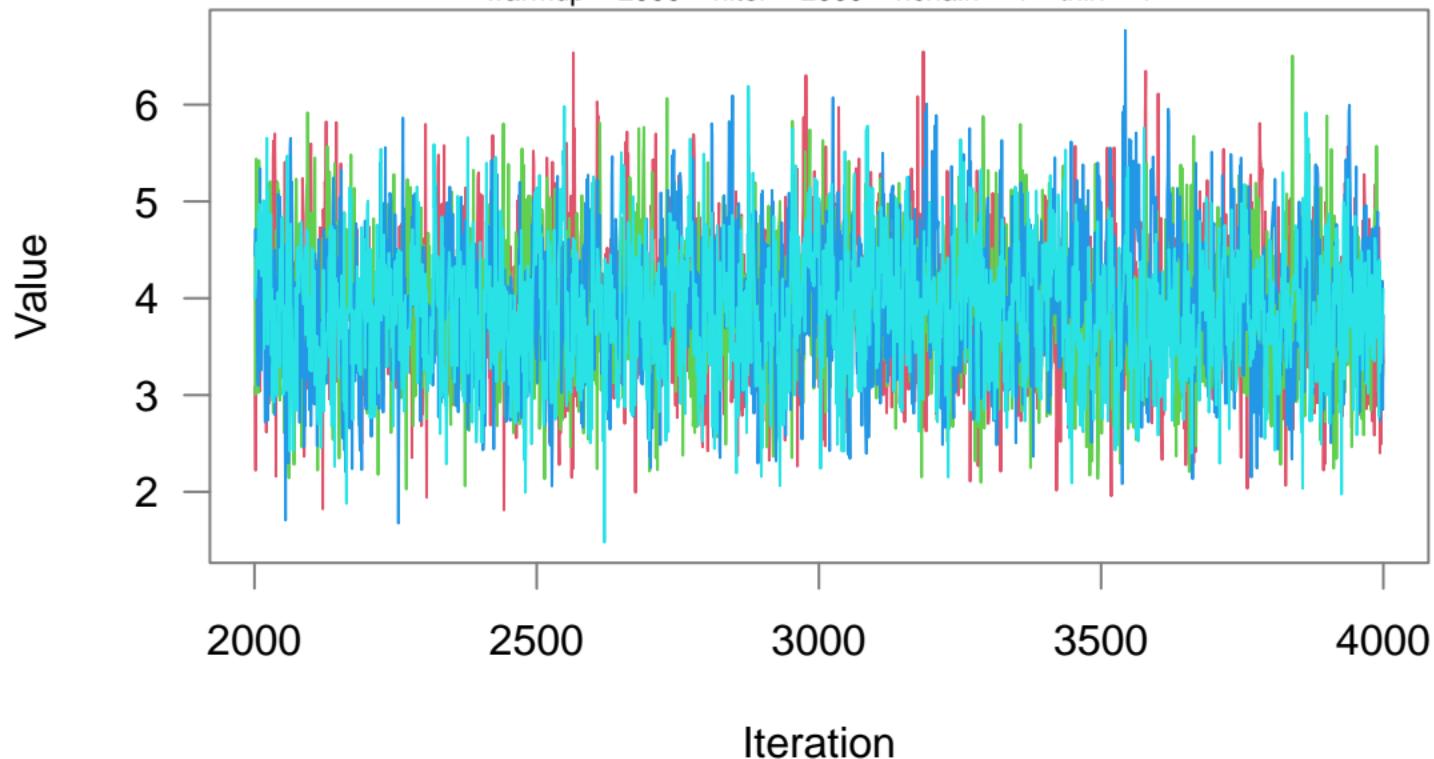
b_zi_year_fac2008

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



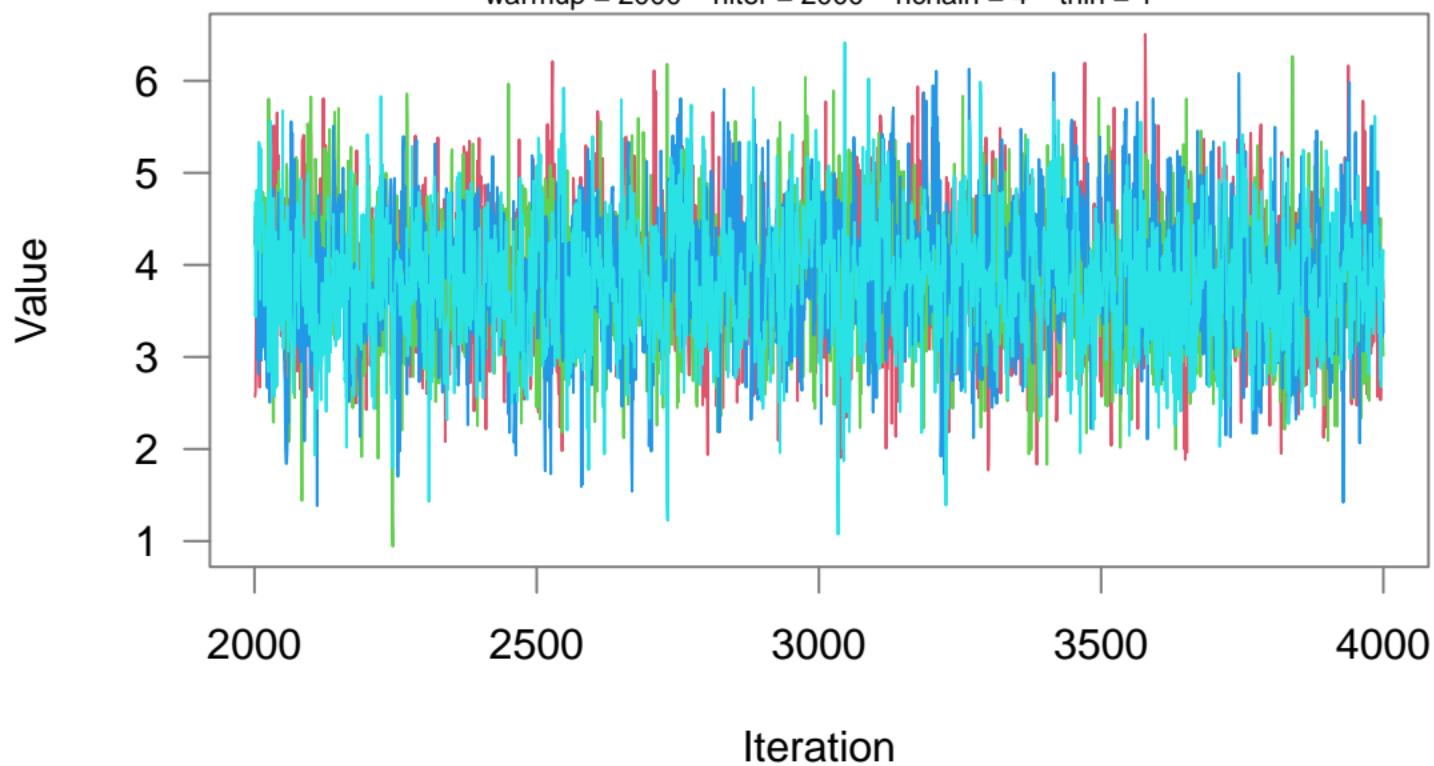
b_zi_year_fac2009

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



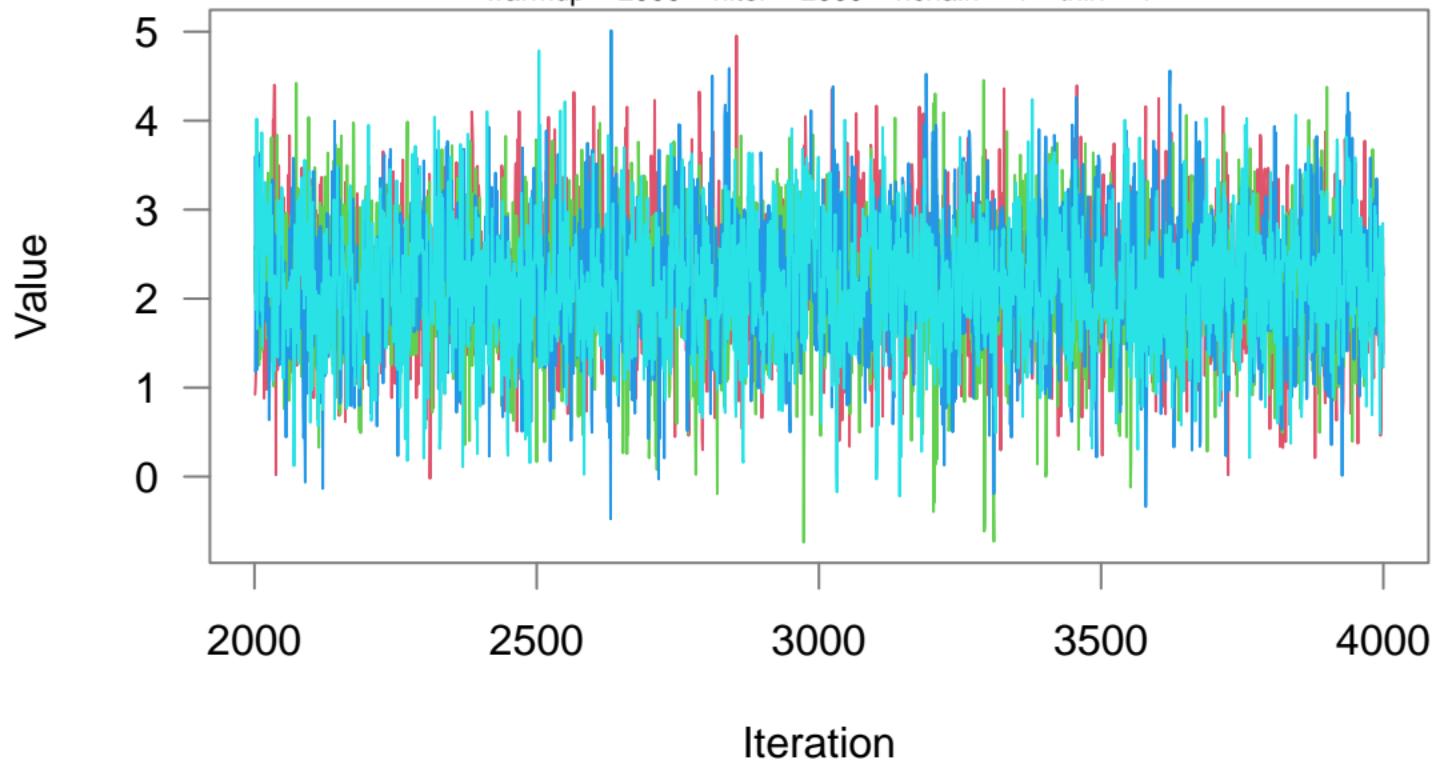
b_zi_year_fac2010

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



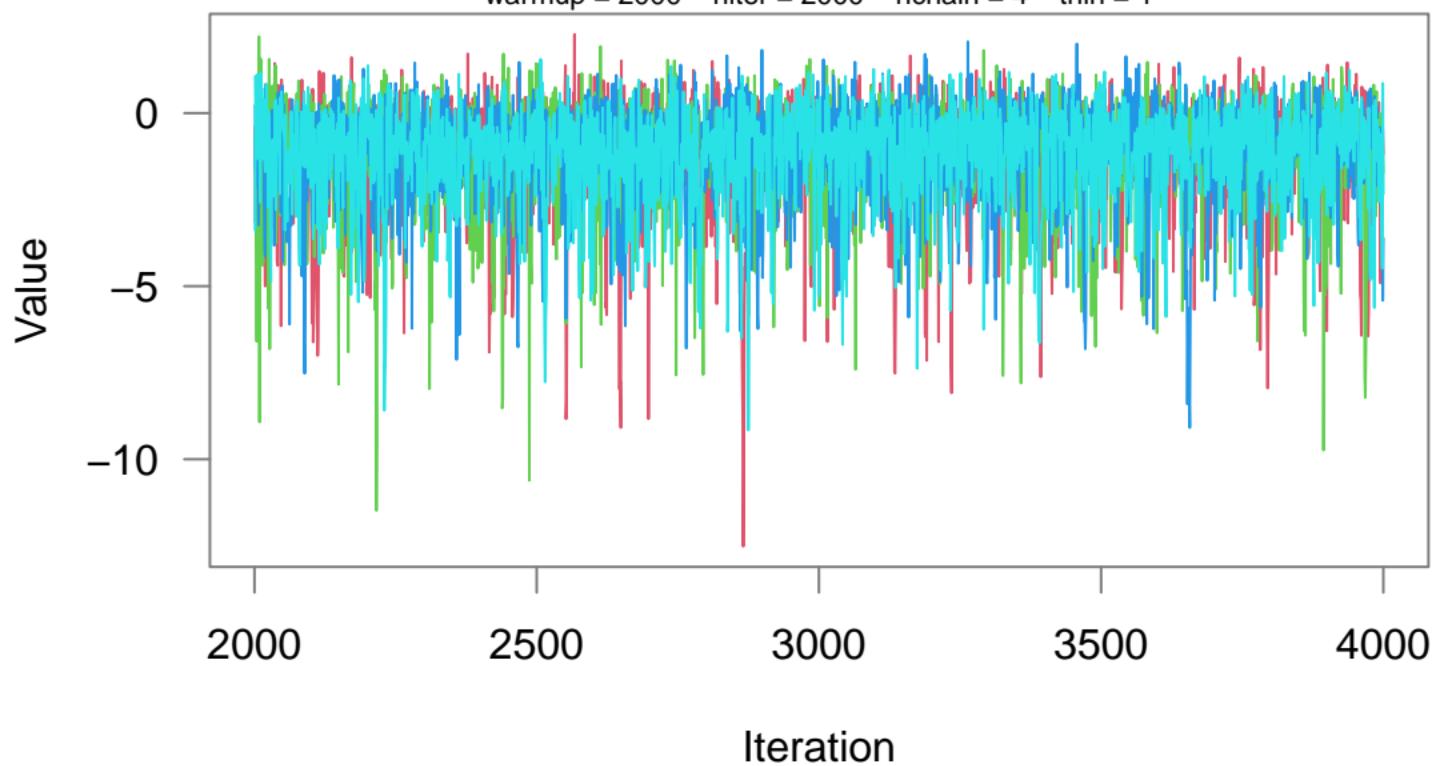
b_zi_year_fac2011

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



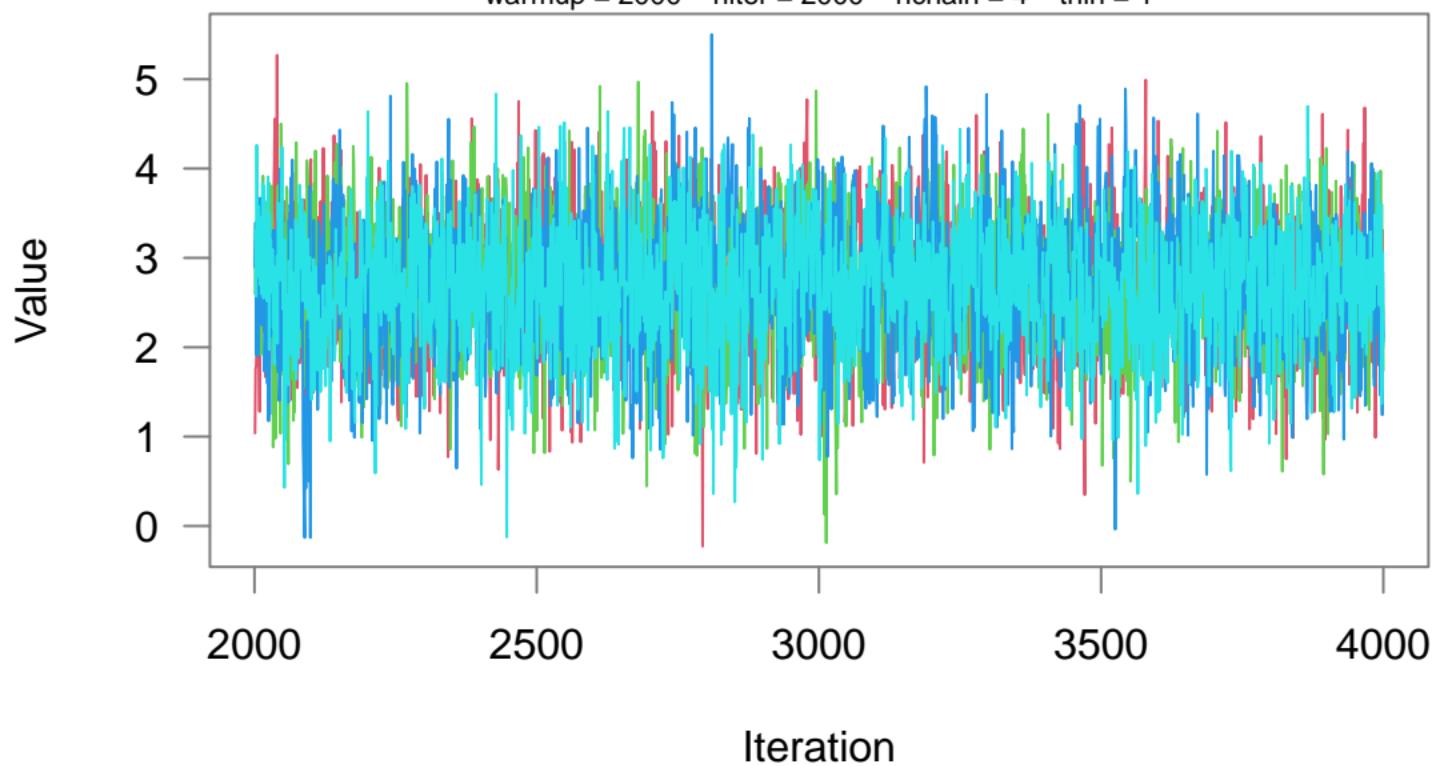
b_zi_year_fac2012

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



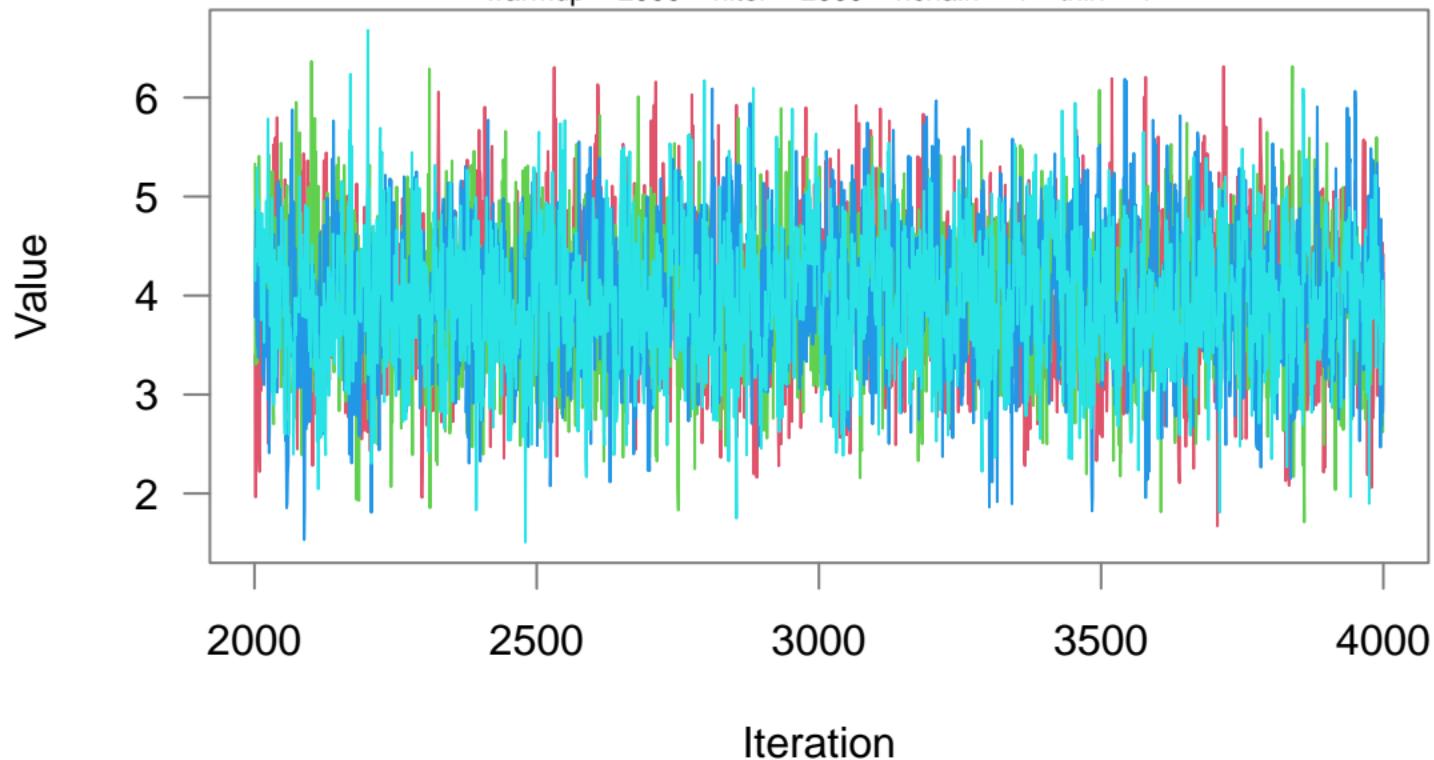
b_zi_year_fac2013

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



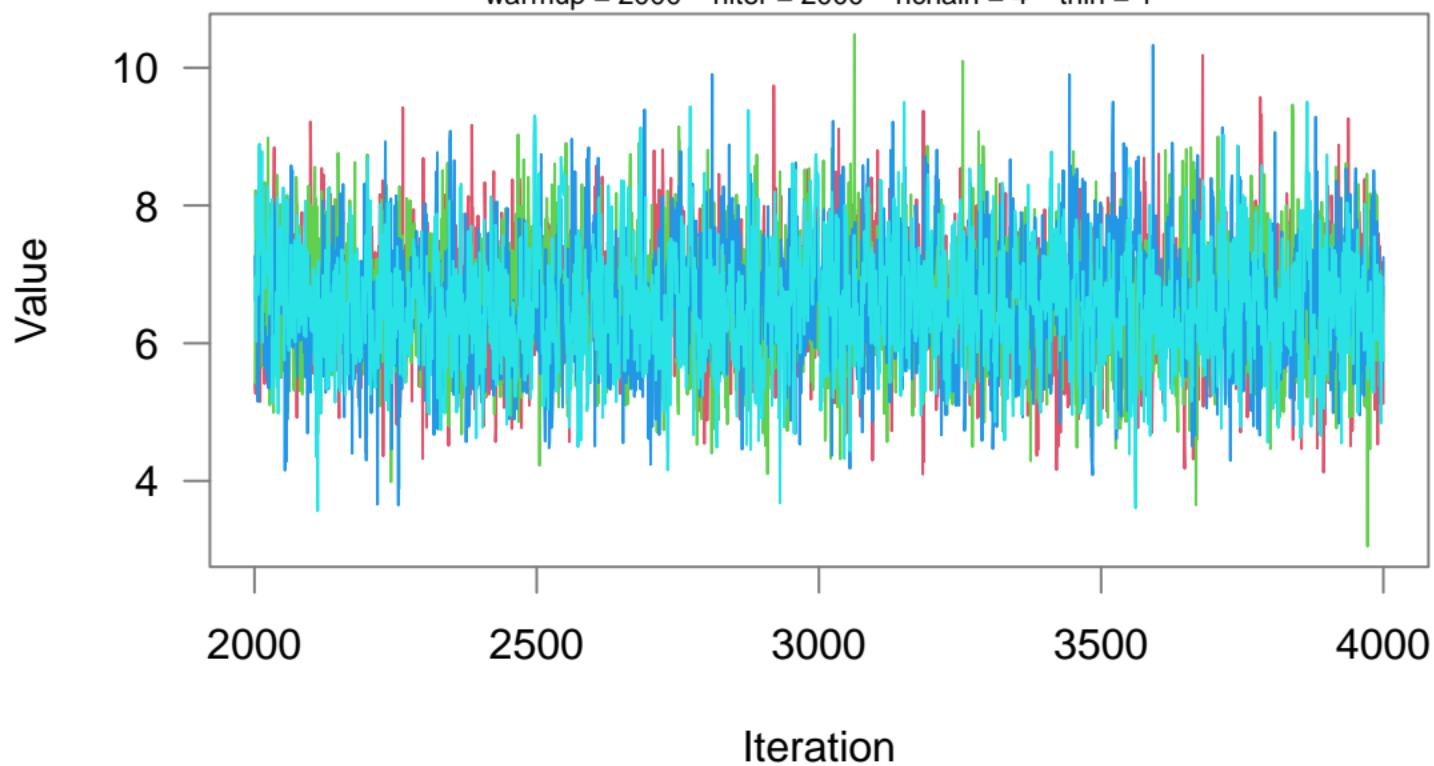
b_zi_year_fac2014

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



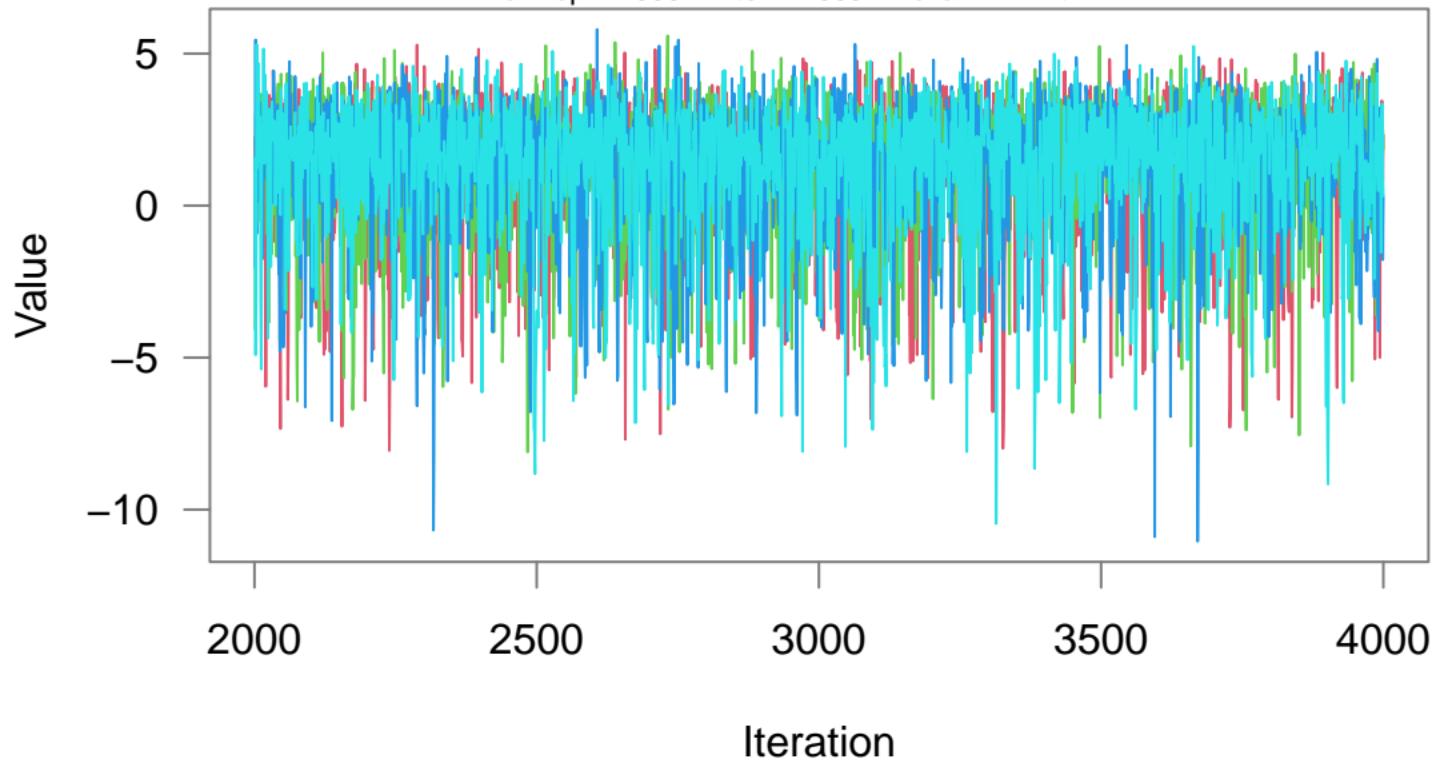
b_zi_year_fac2015

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



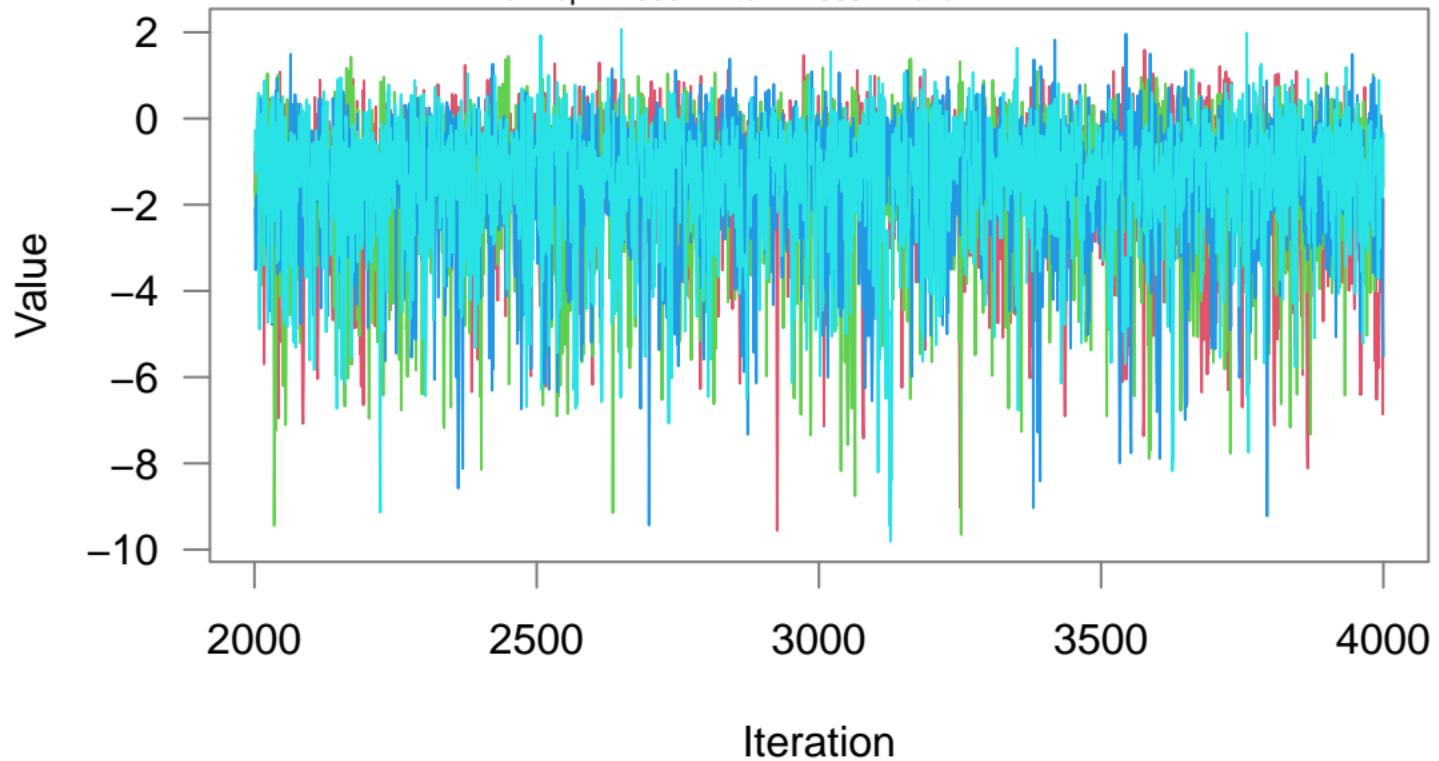
b_zi_year_fac2016

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



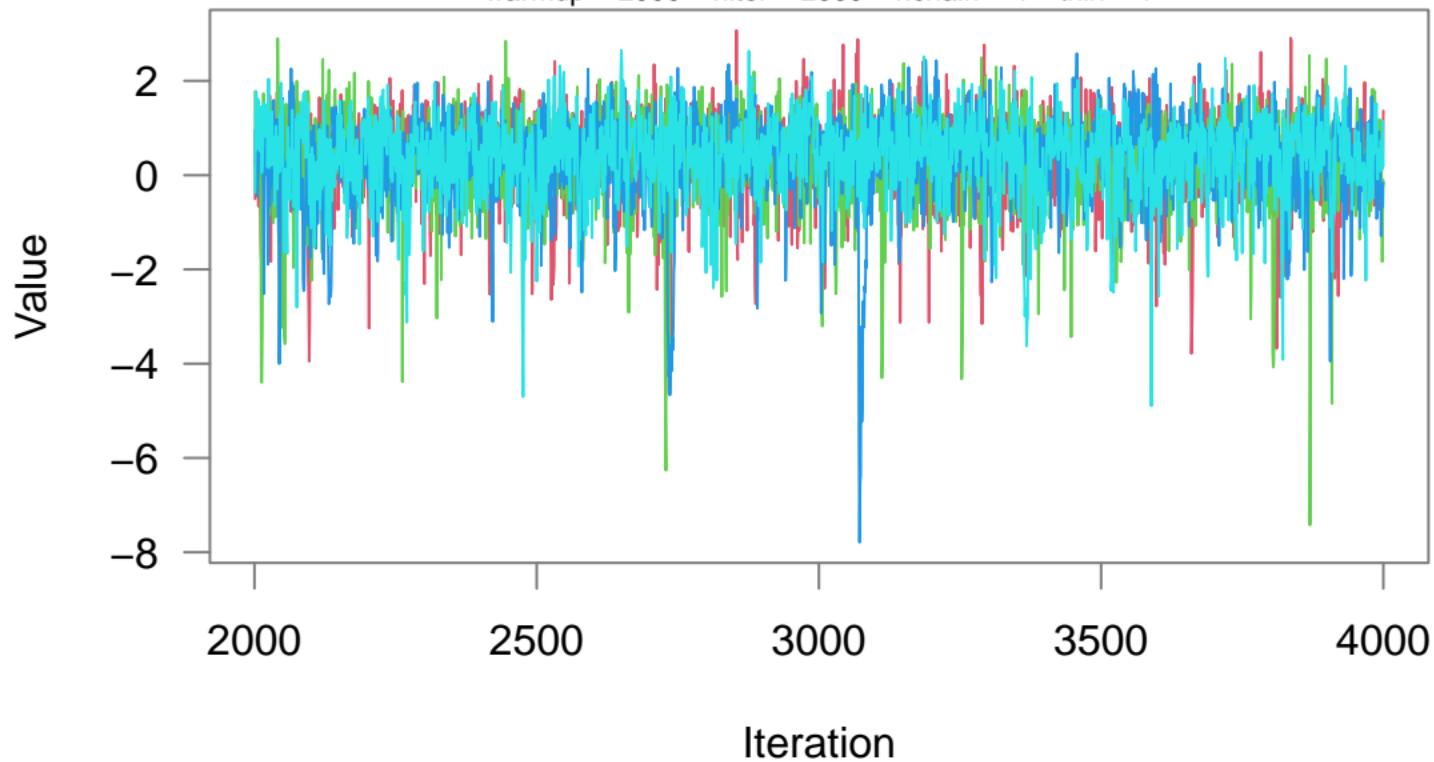
b_zi_year_fac2017

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



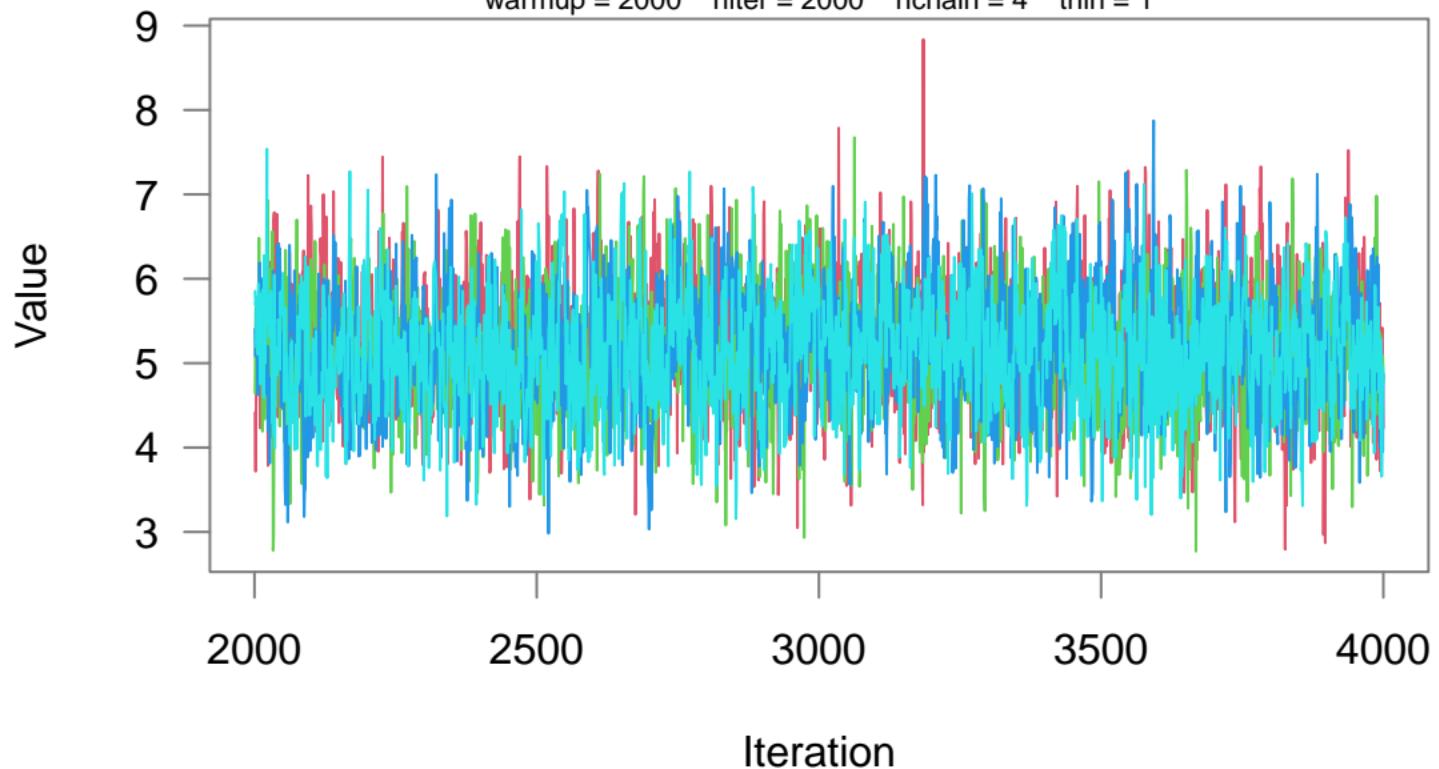
b_zi_year_fac2018

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



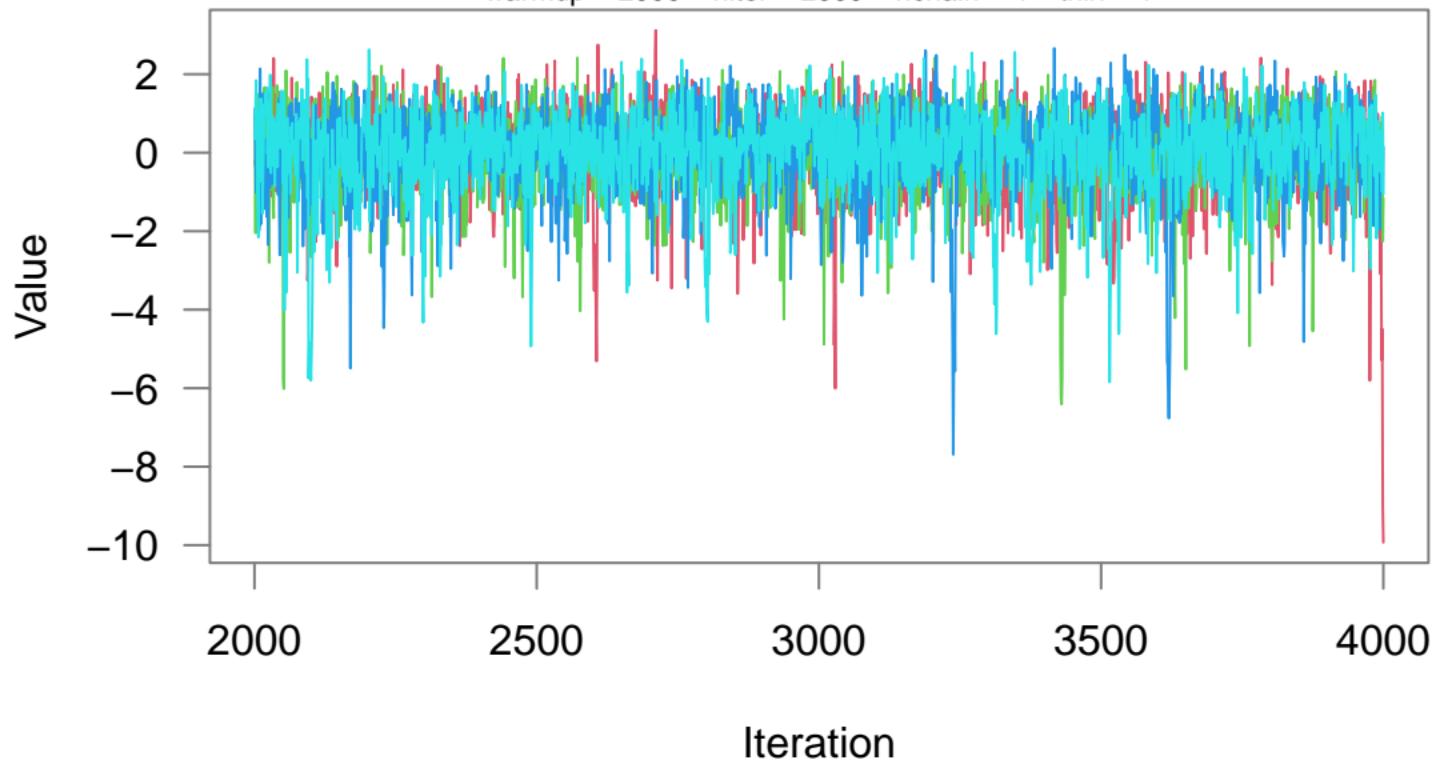
b_zi_year_fac2019

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



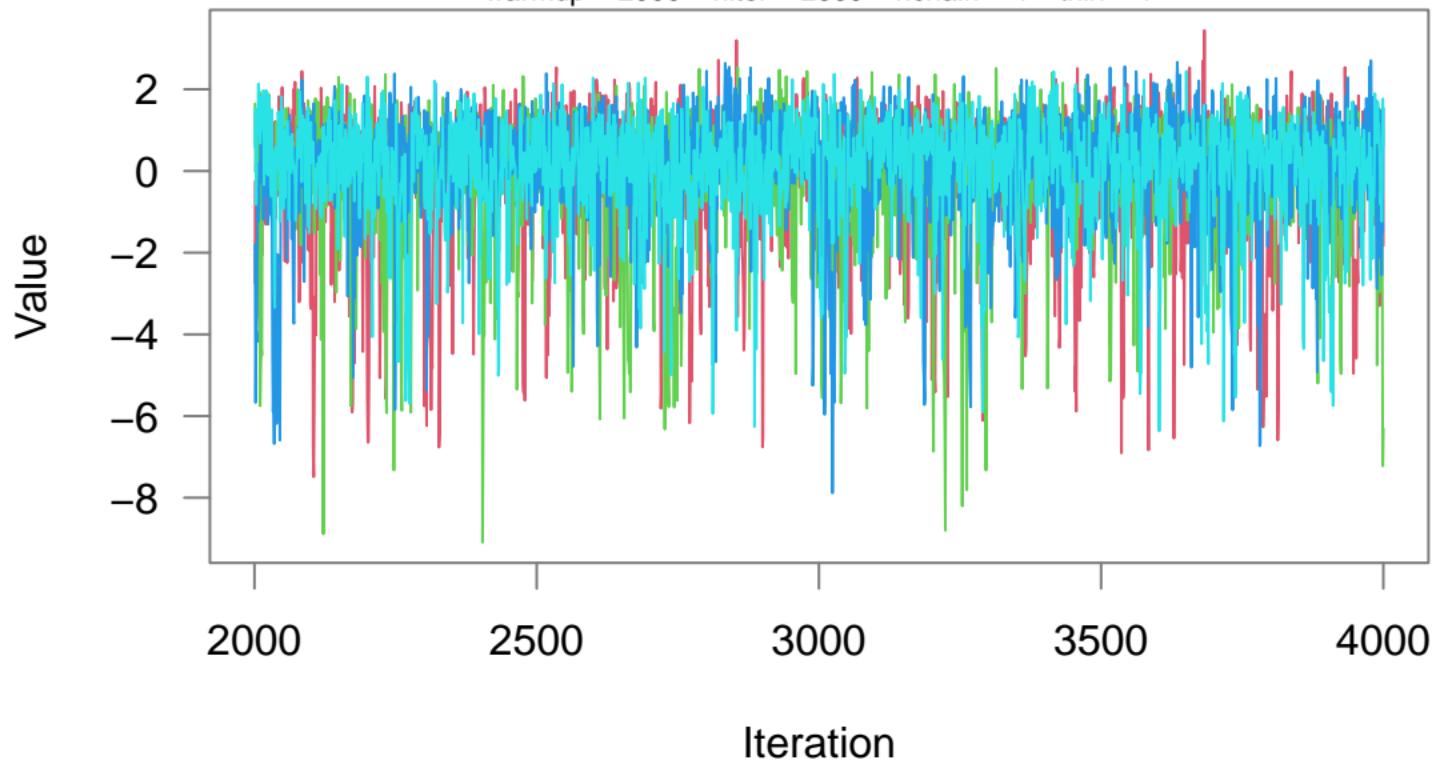
b_zi_year_fac2020

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



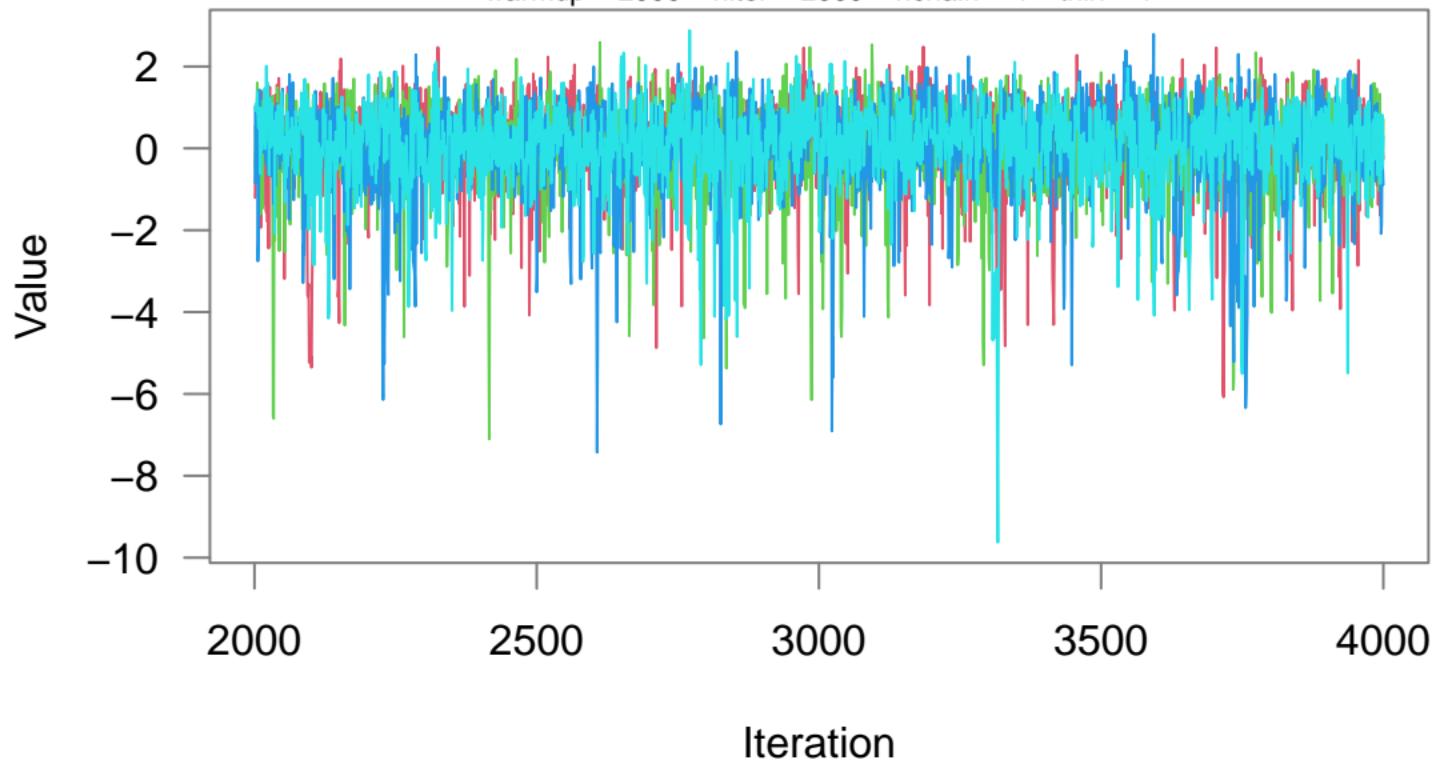
b_zi_year_fac2021

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



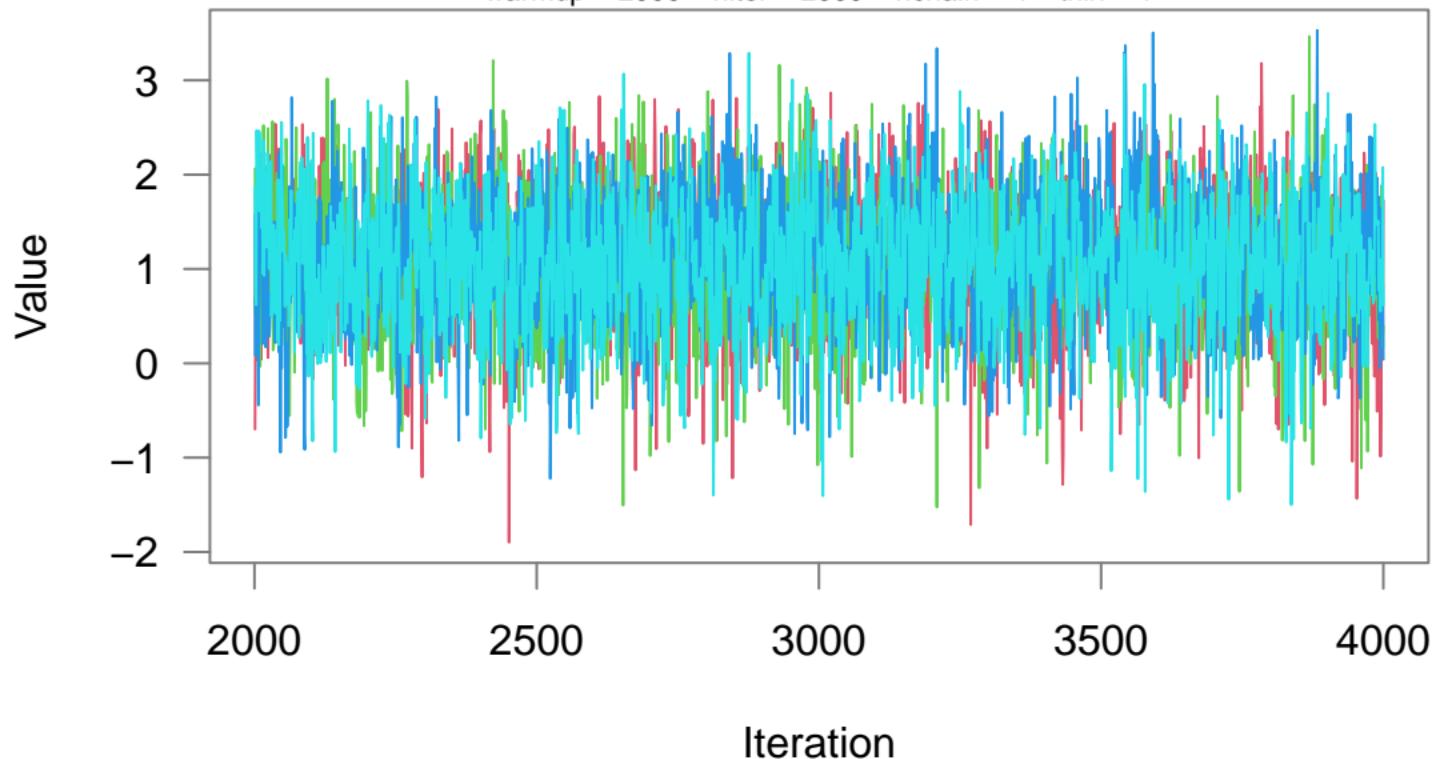
b_zi_year_fac2022

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



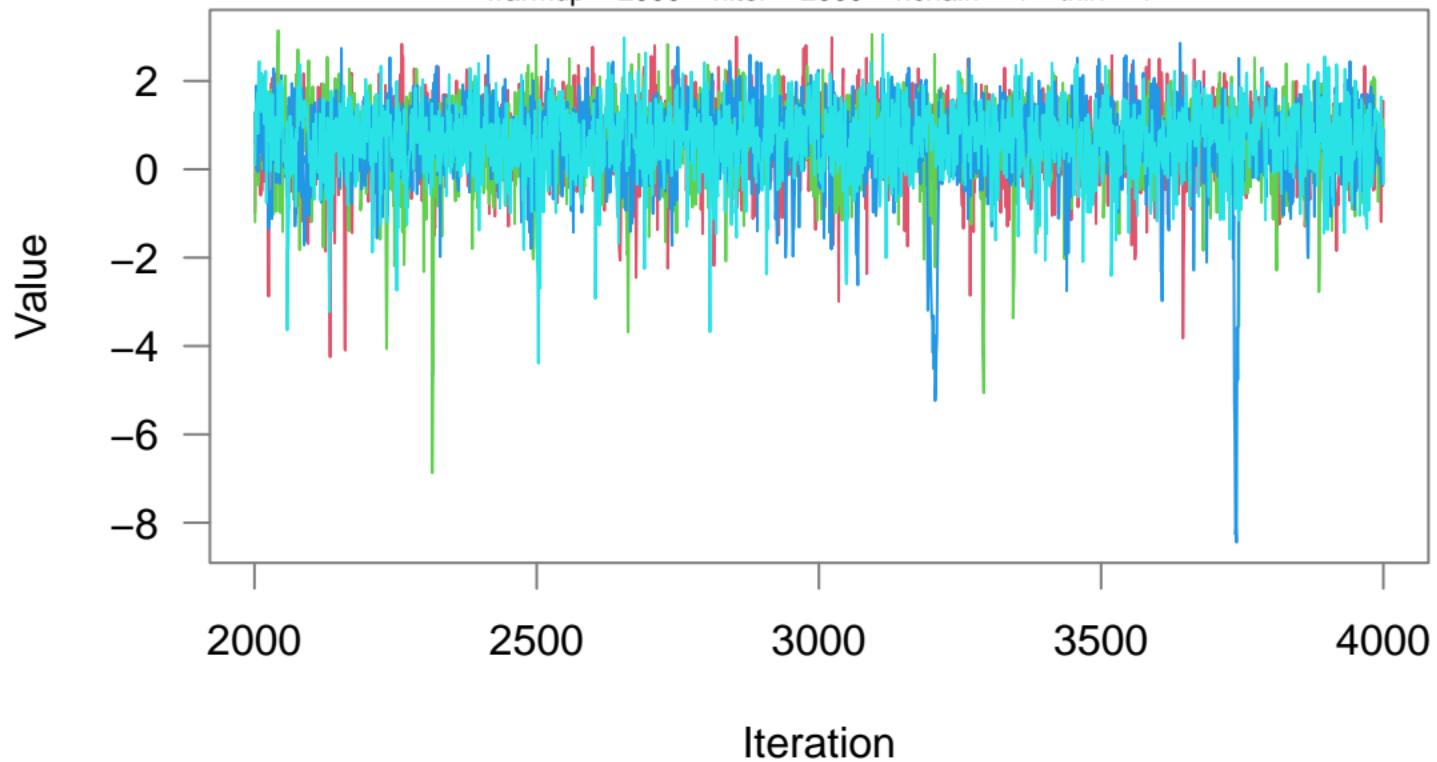
b_zi_year_fac2023

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



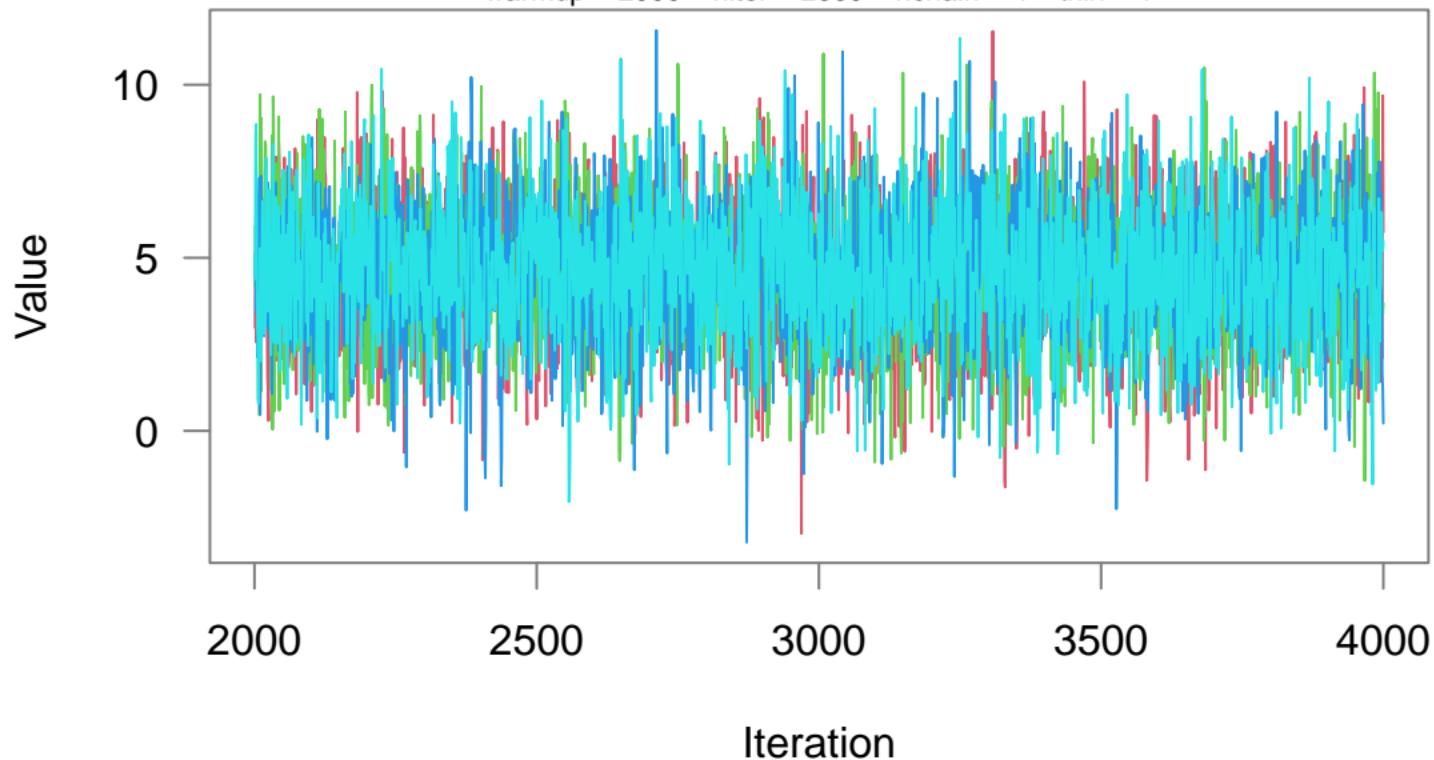
b_zi_year_fac2024

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



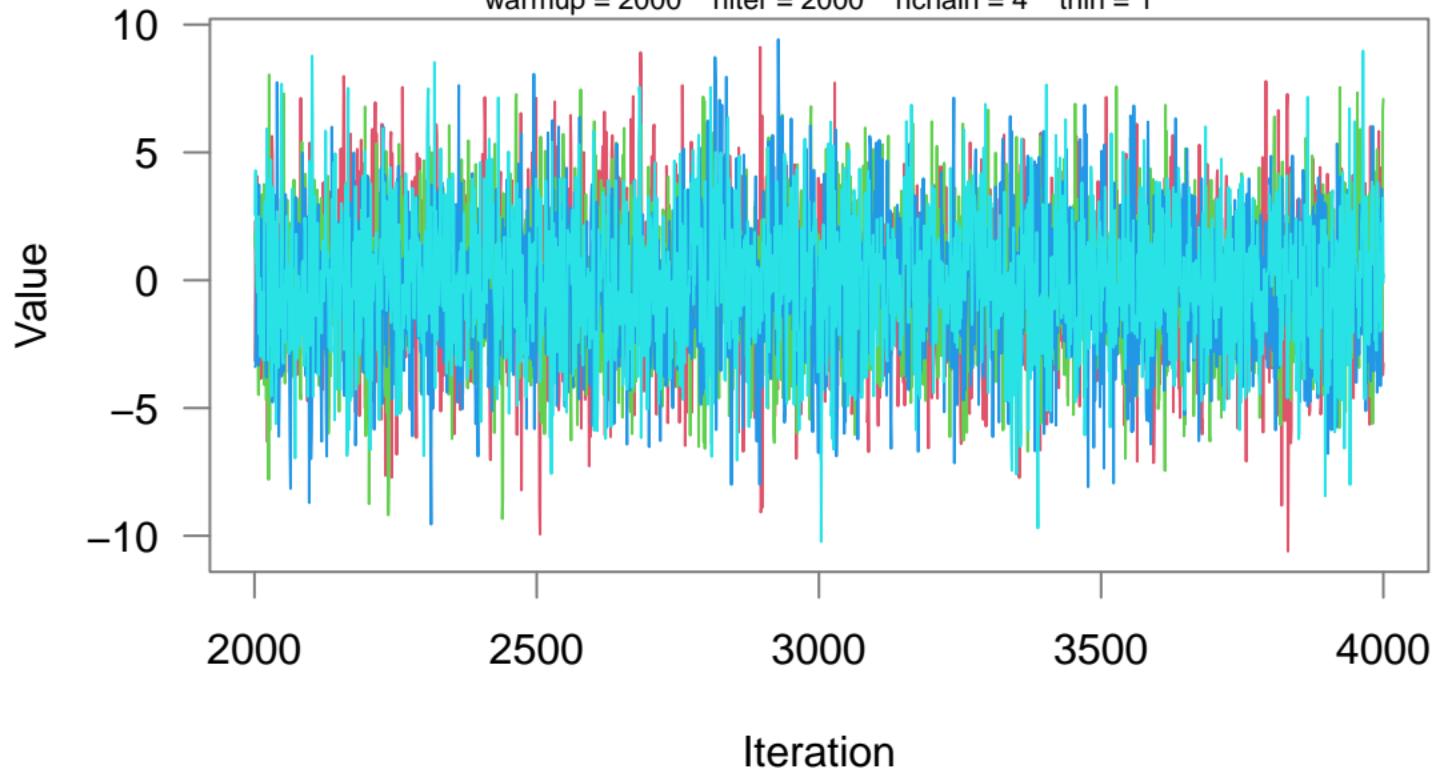
bs_sjulian_1

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



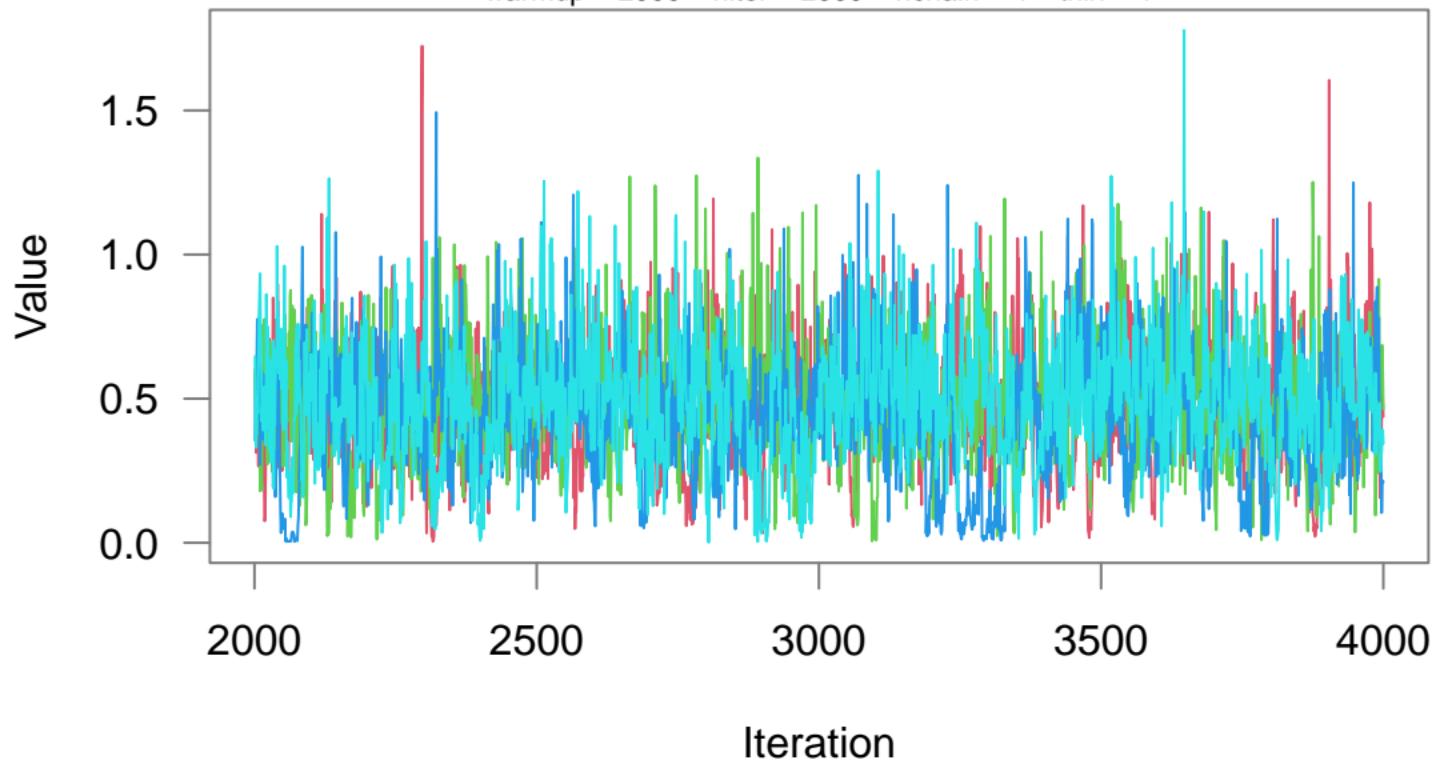
bs_zi_sjulian_1

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



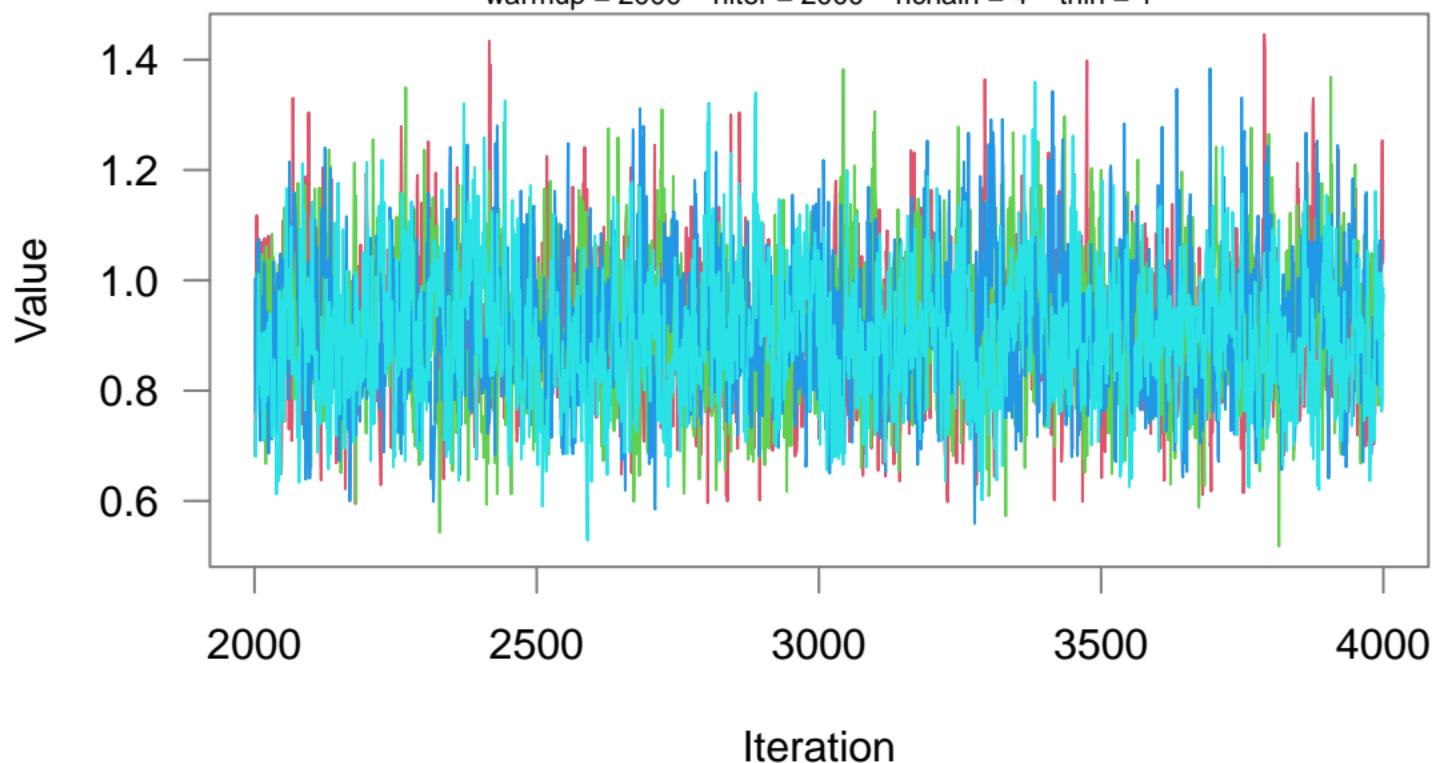
sd_bay_fac_Intercept

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



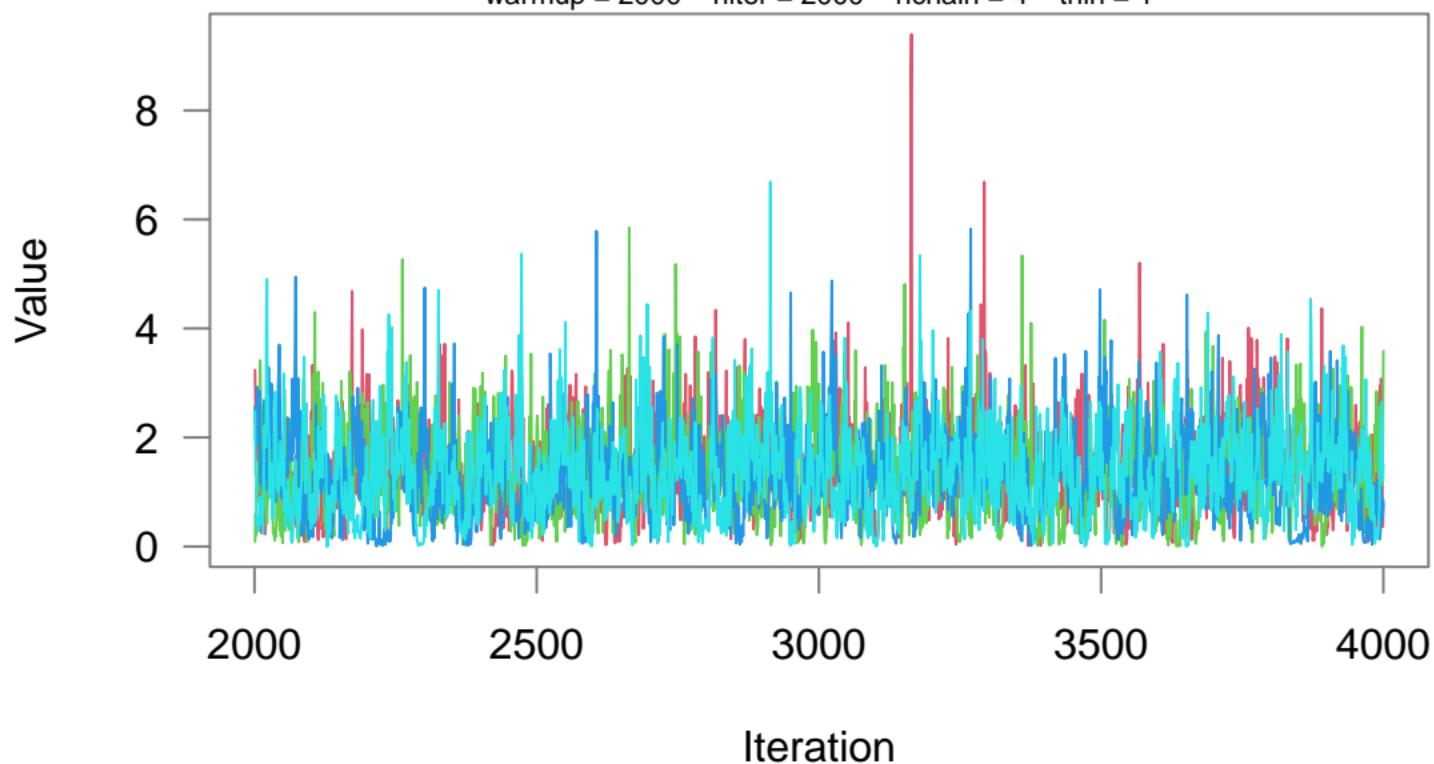
sd_bay_fac:site_fac__Intercept

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



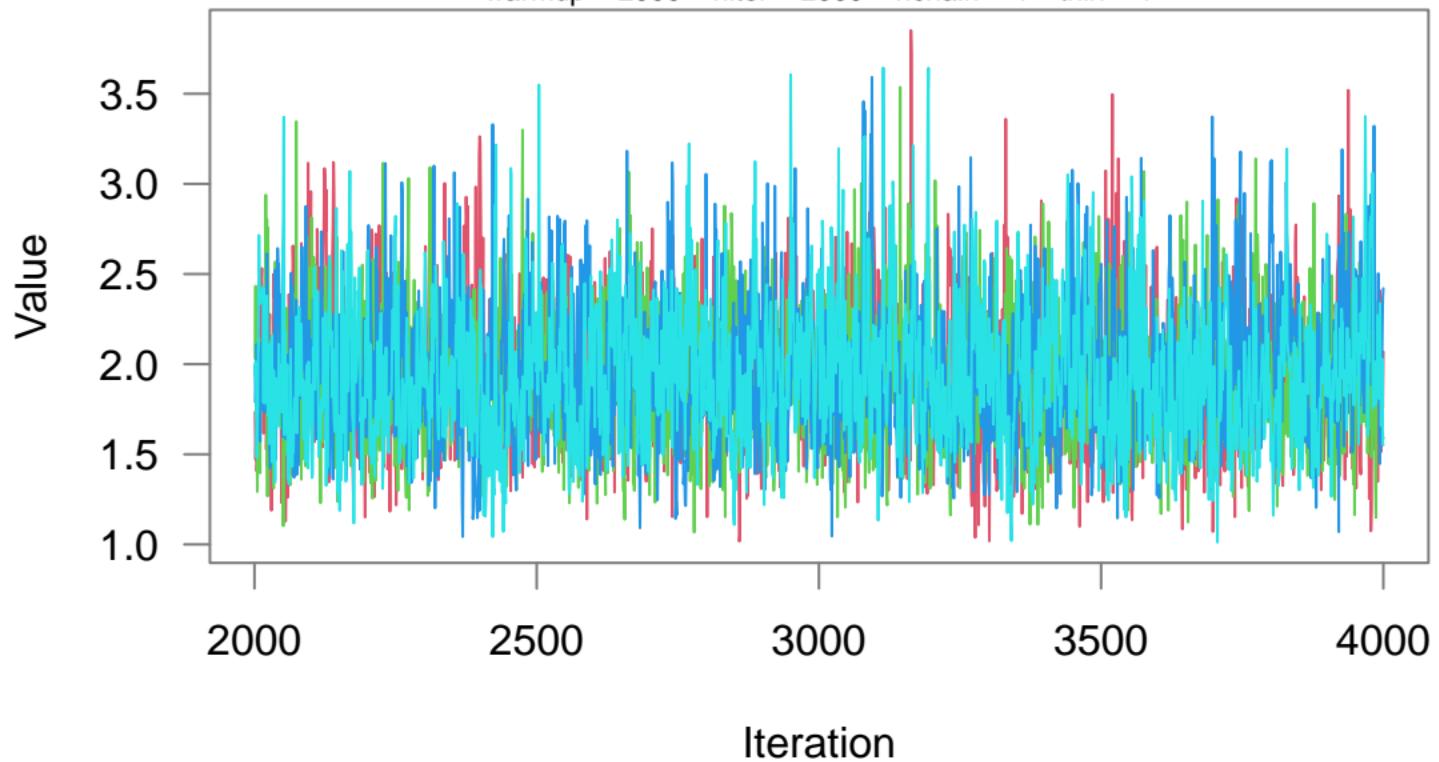
sd_bay_fac_zi_Intercept

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



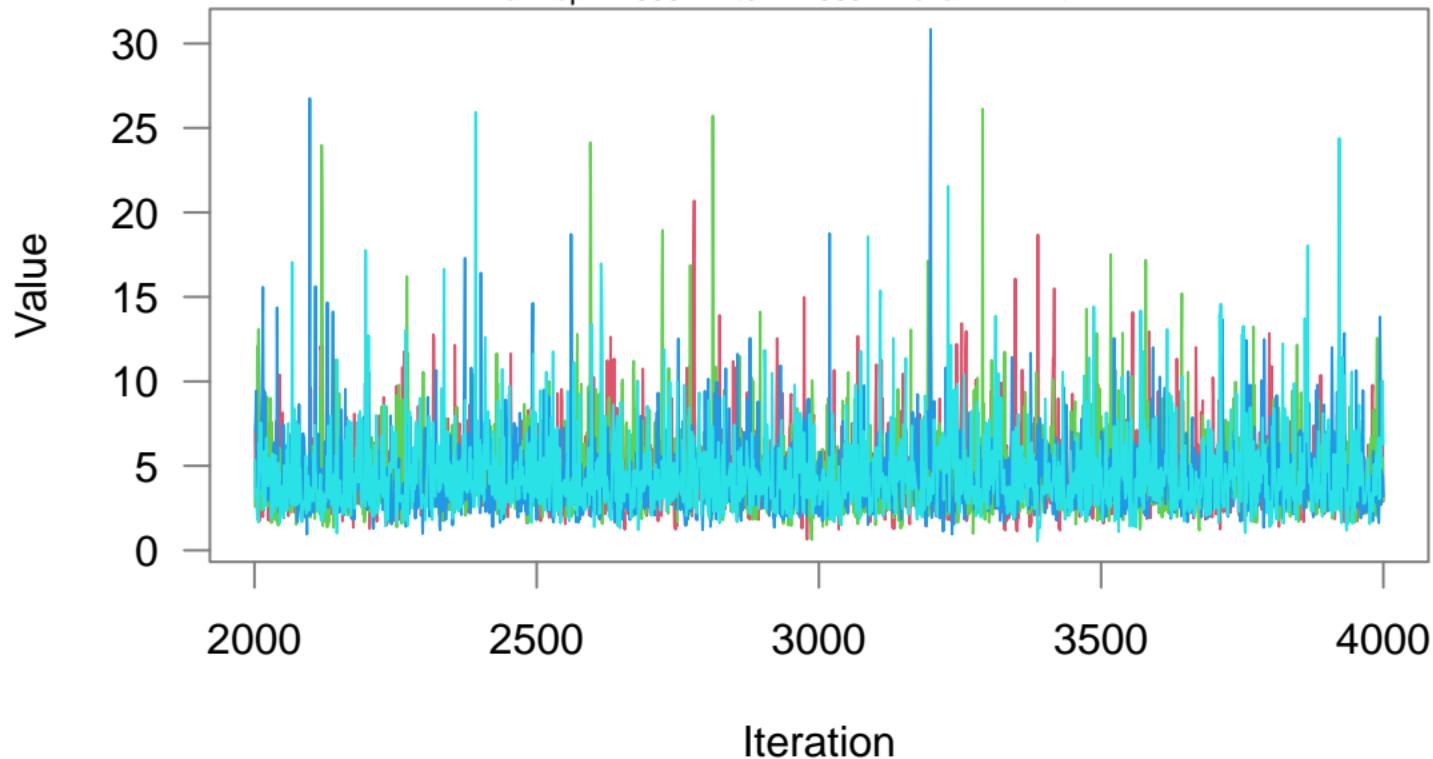
sd_bay_fac:site_fac__zi_Intercept

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



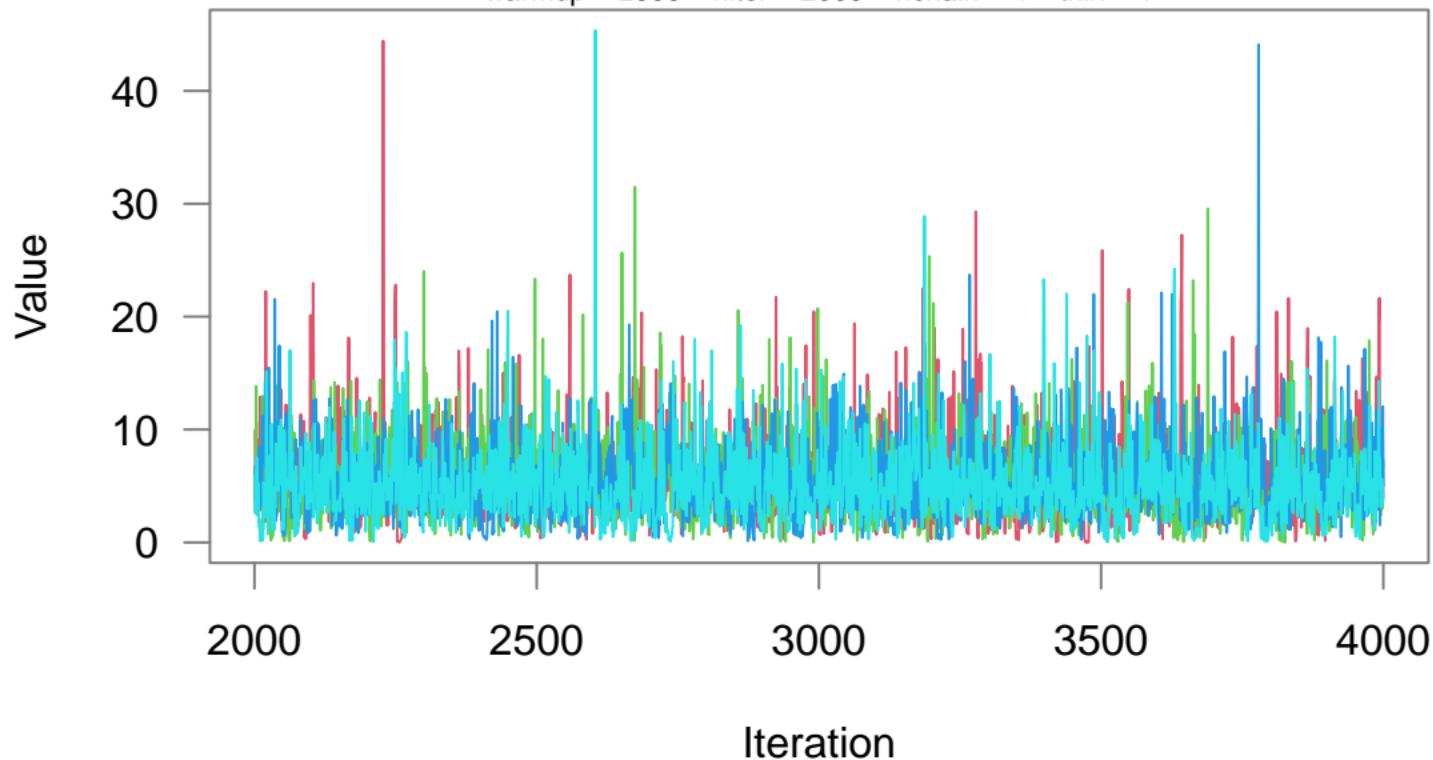
sds_sjulian_1

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



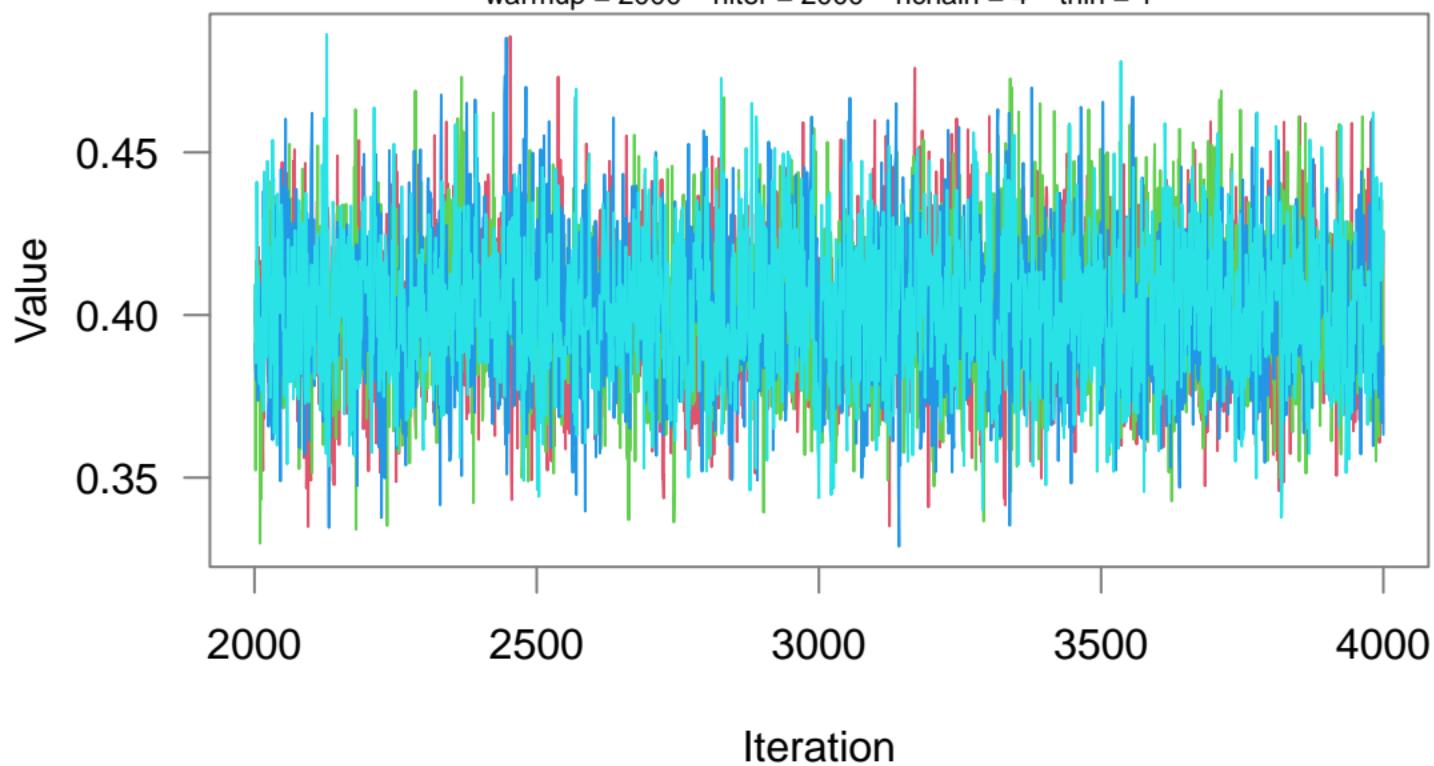
sds_zi_sjulian_1

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



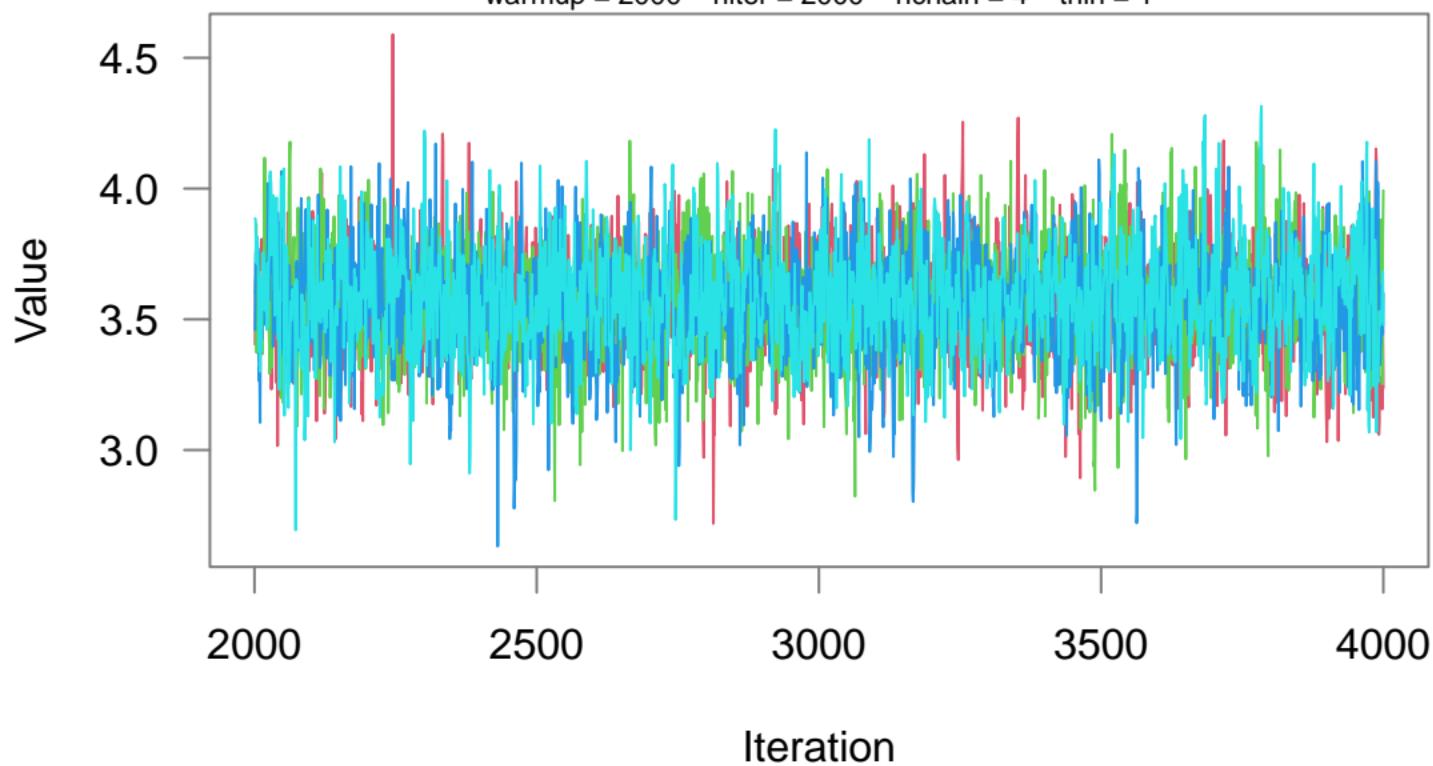
shape

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



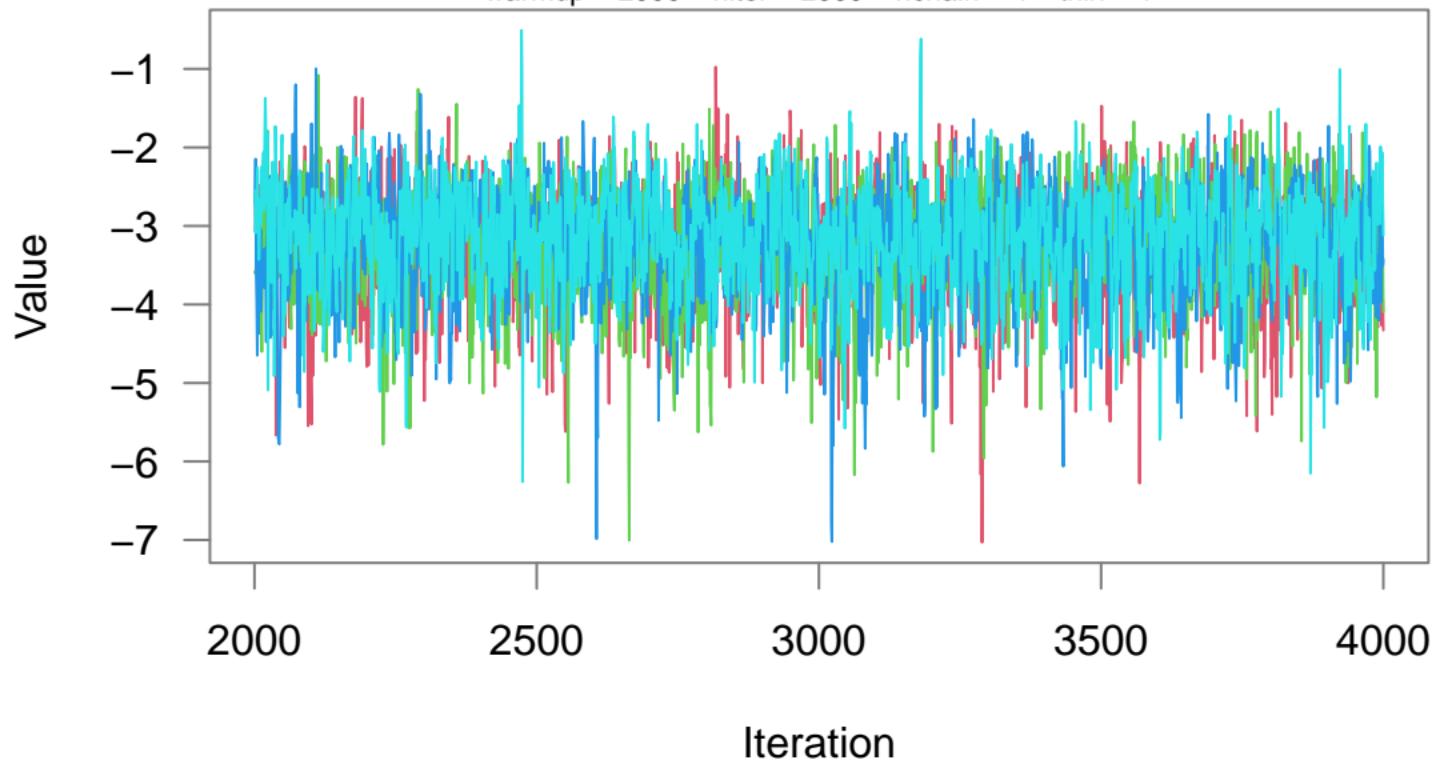
Intercept

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



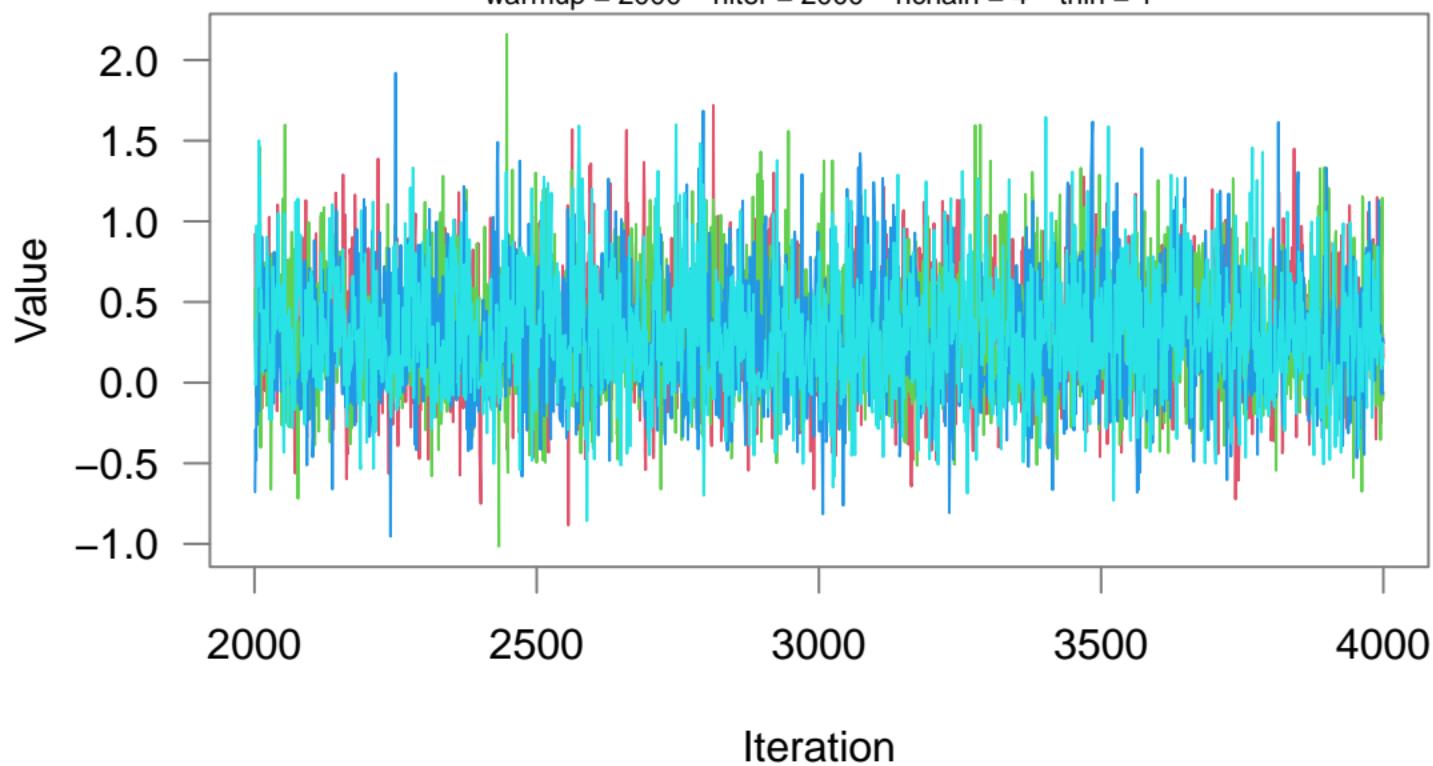
Intercept_zi

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

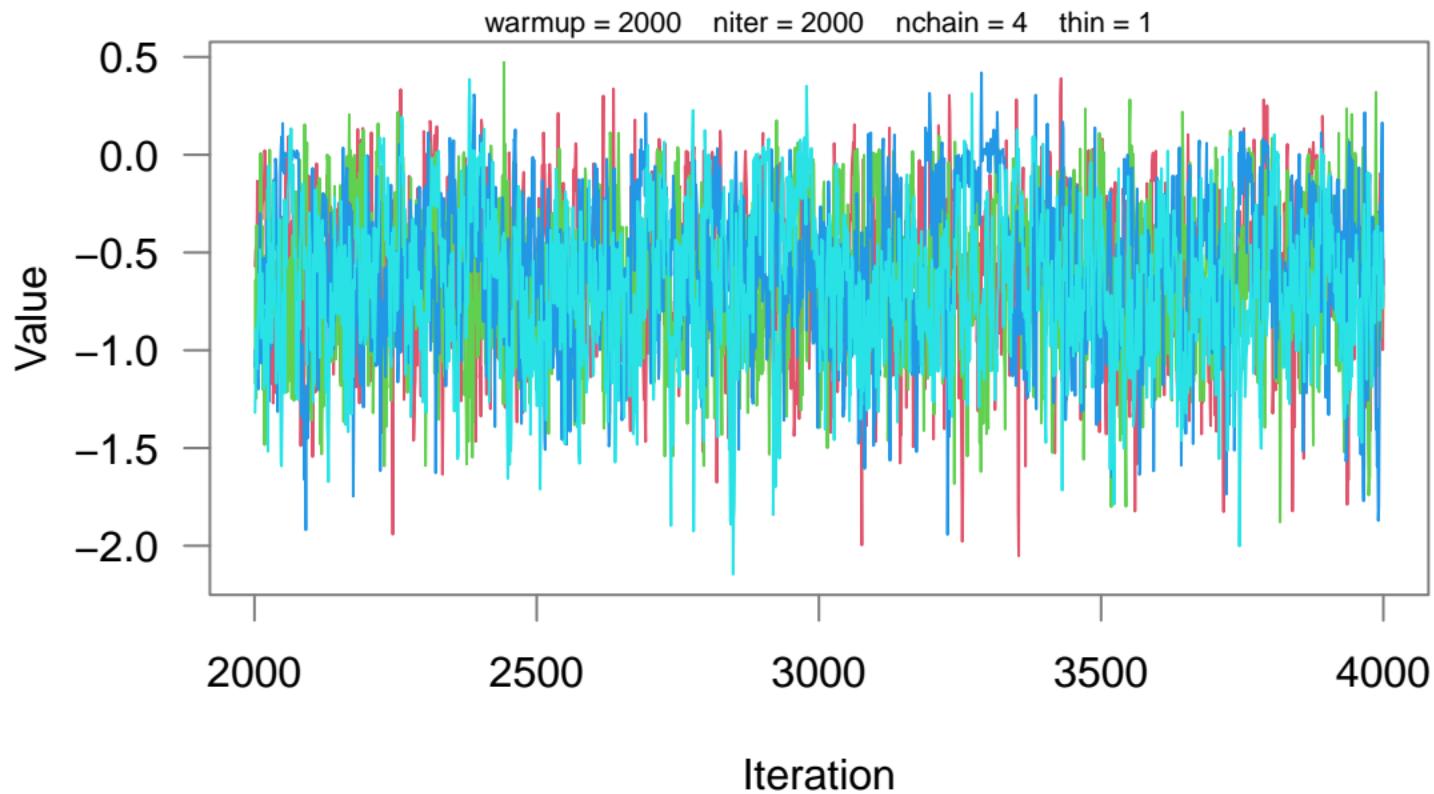


r_bay_fac[Agripina,Intercept]

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

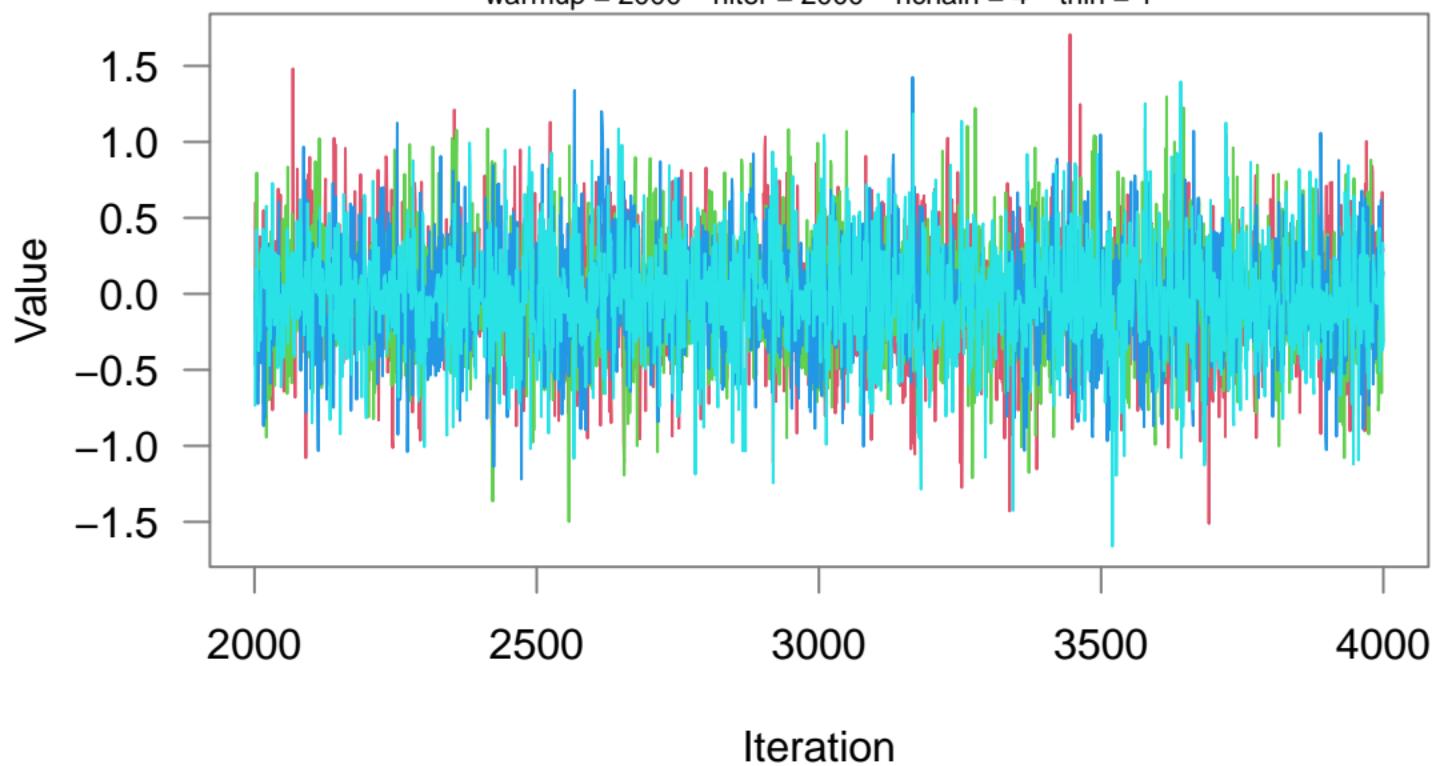


r_bay_fac[Anton.Larsen,Intercept]



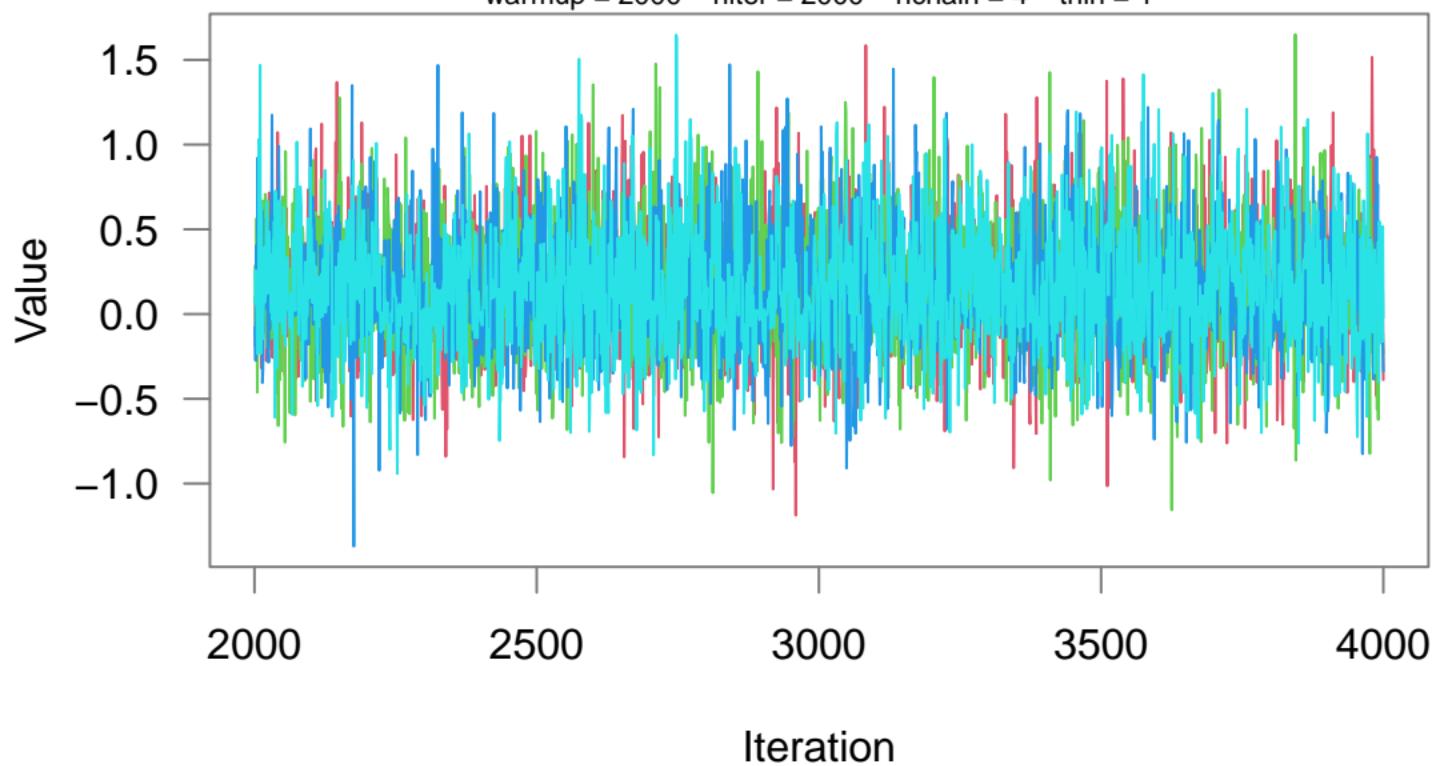
r_bay_fac[Balboa,Intercept]

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



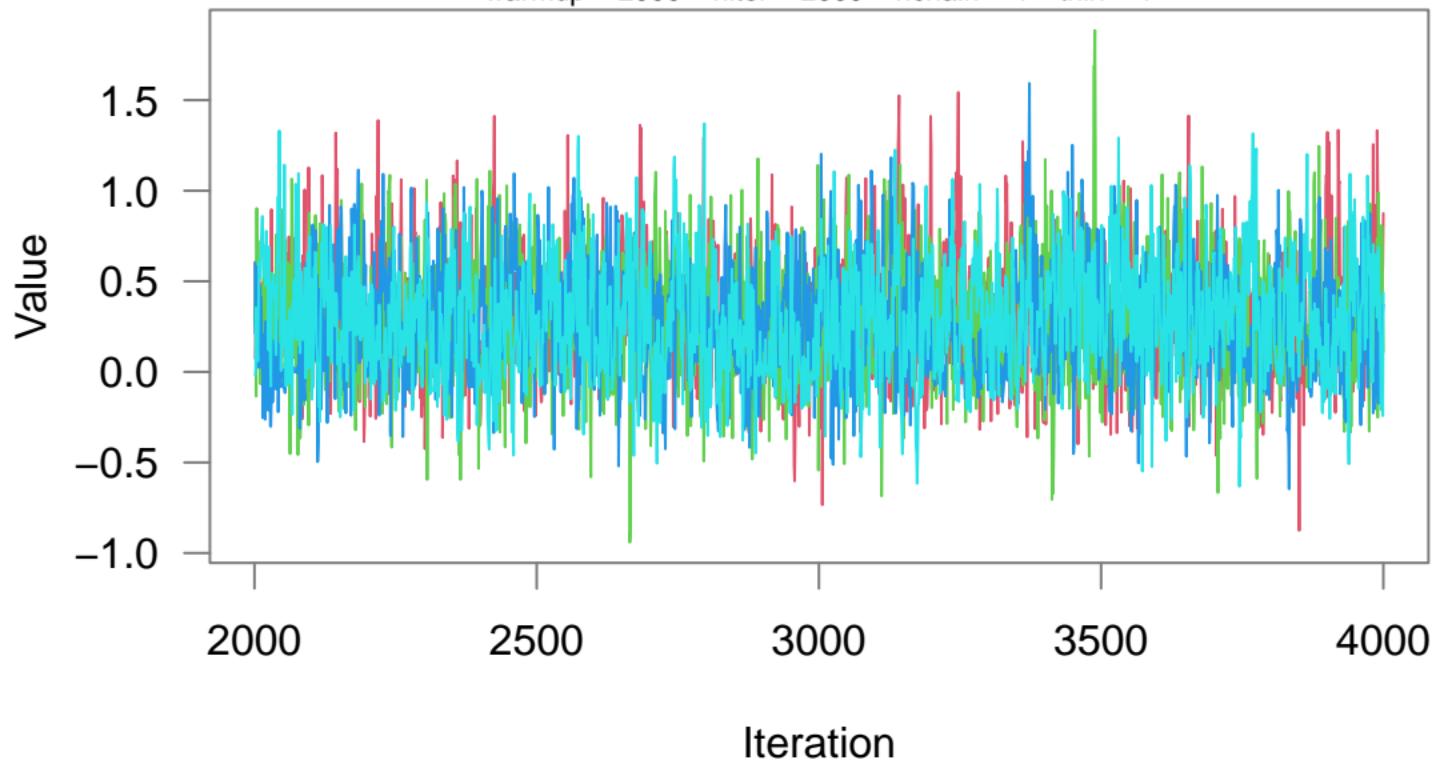
r_bay_fac[Baralof,Intercept]

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



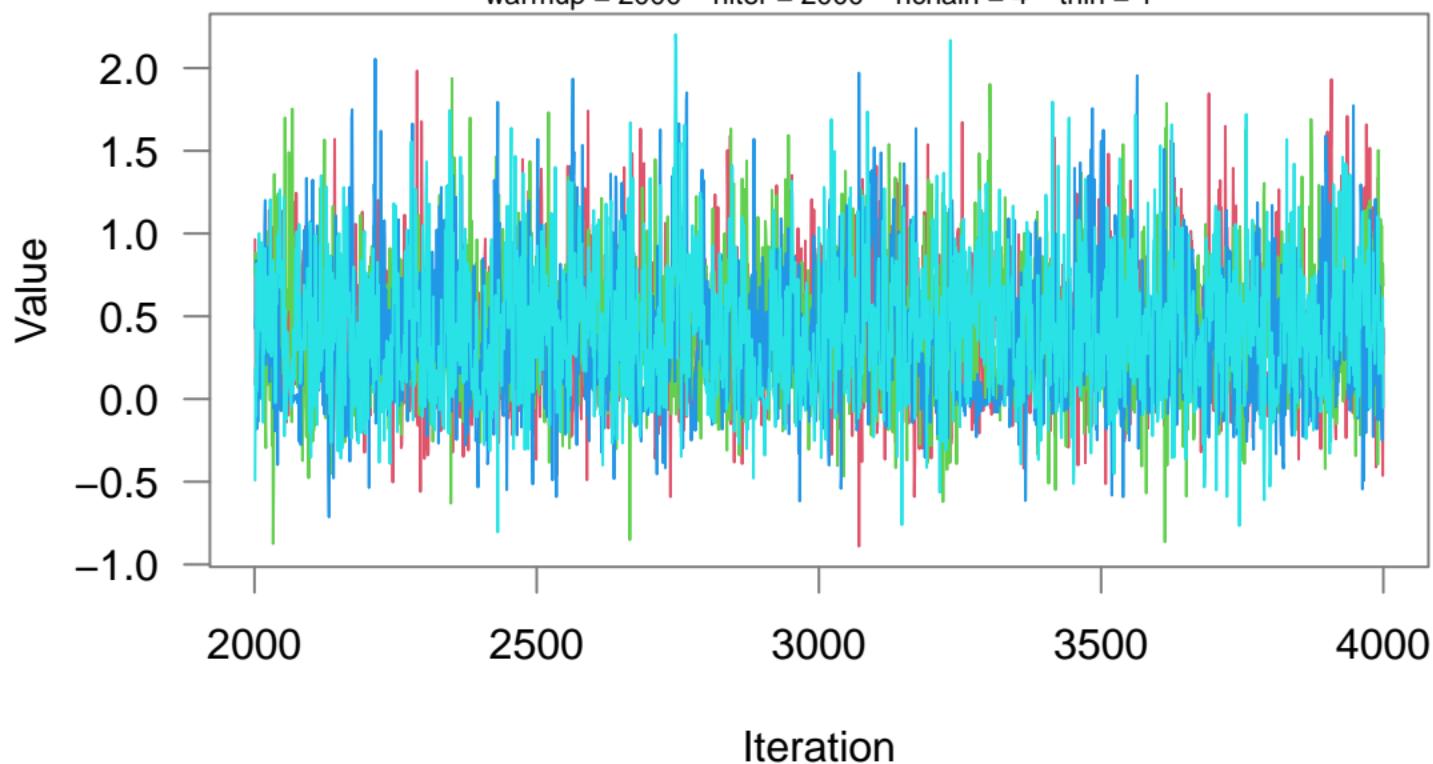
r_bay_fac[Cook,Intercept]

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



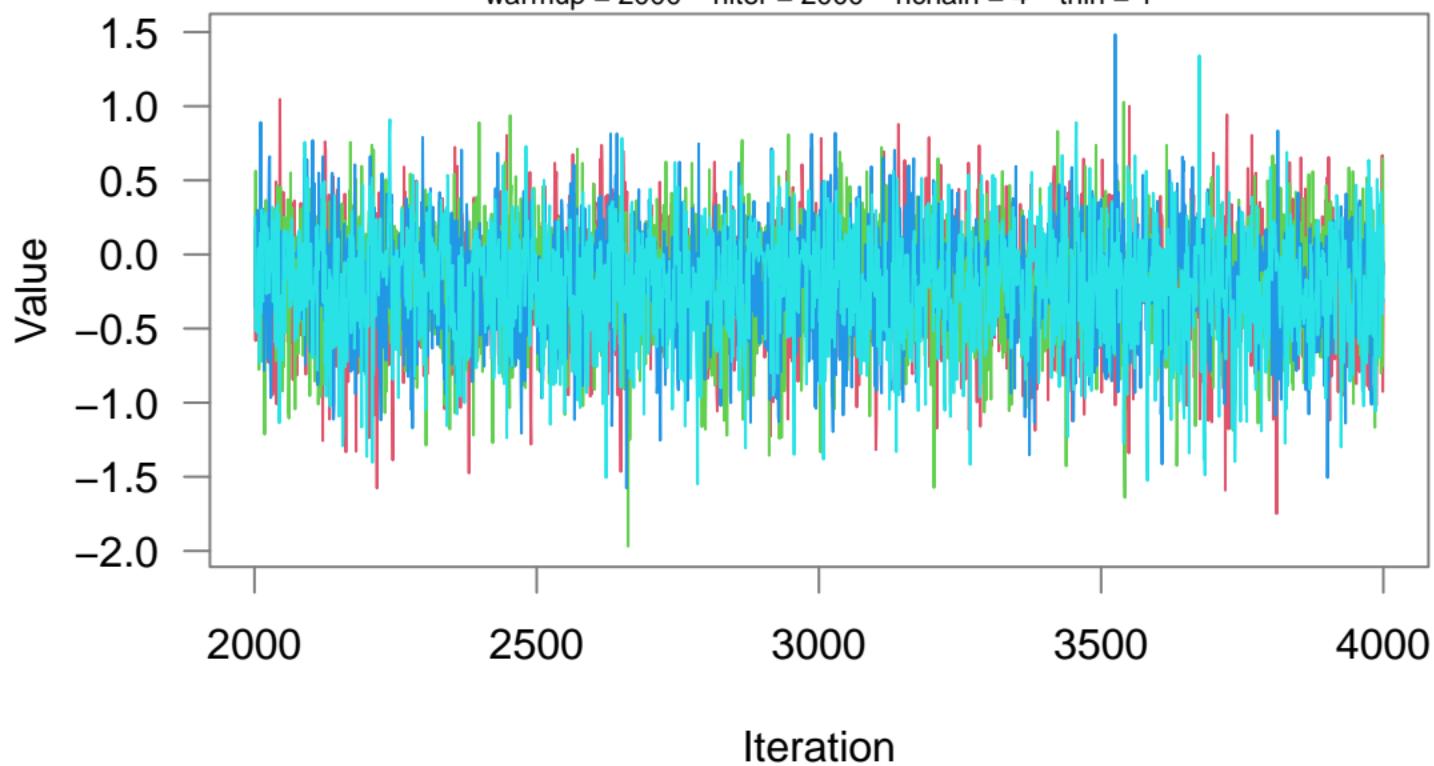
r_bay_fac[Falmouth,Intercept]

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



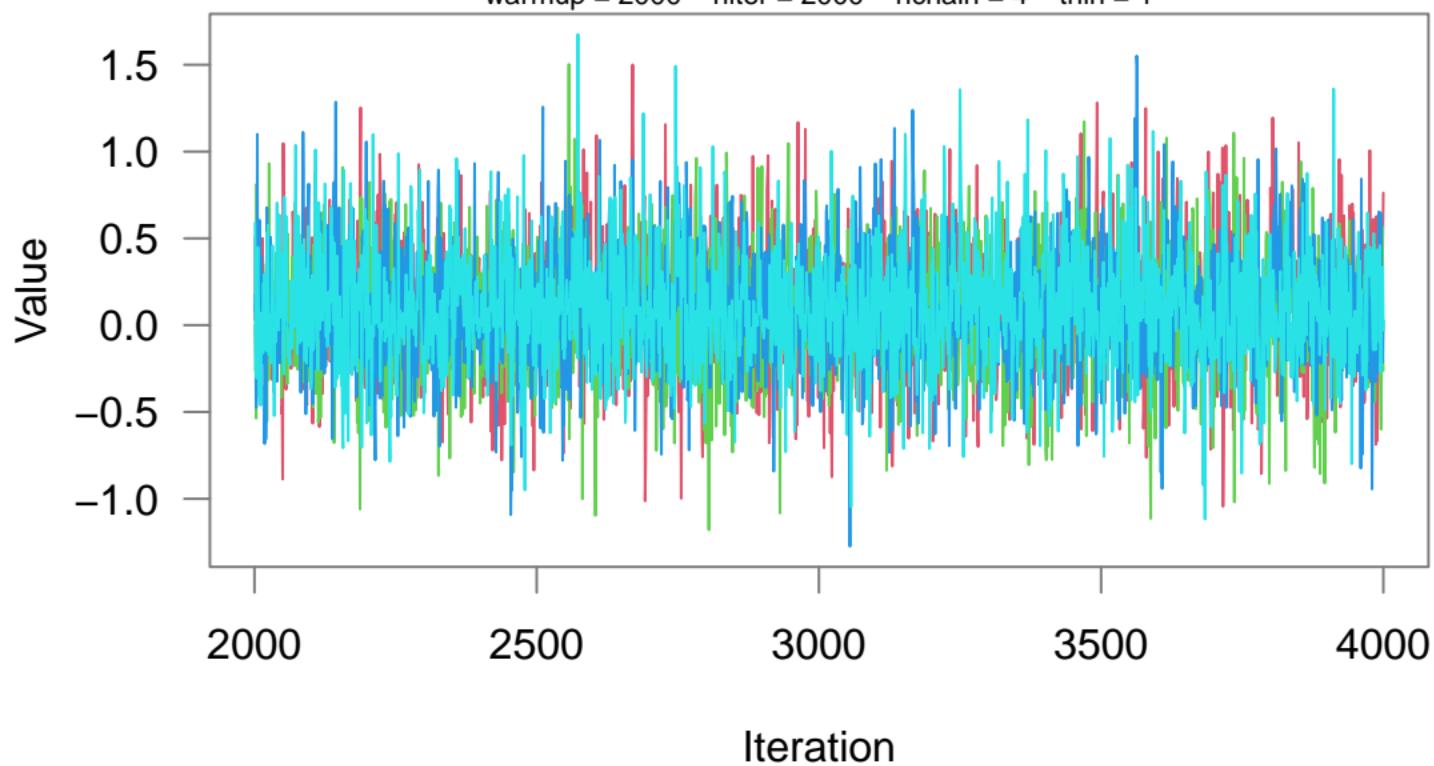
r_bay_fac[Fox,Intercept]

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



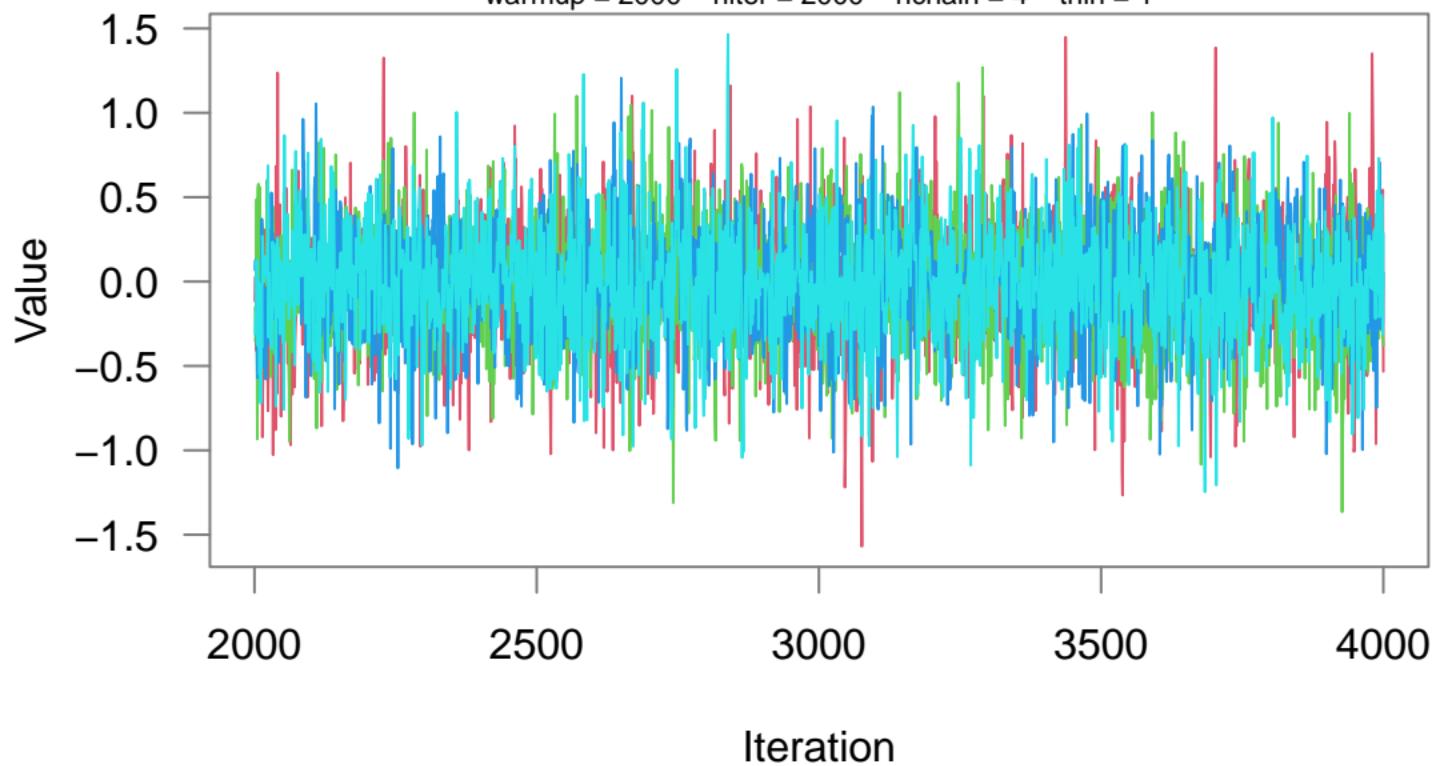
r_bay_fac[Japanese,Intercept]

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



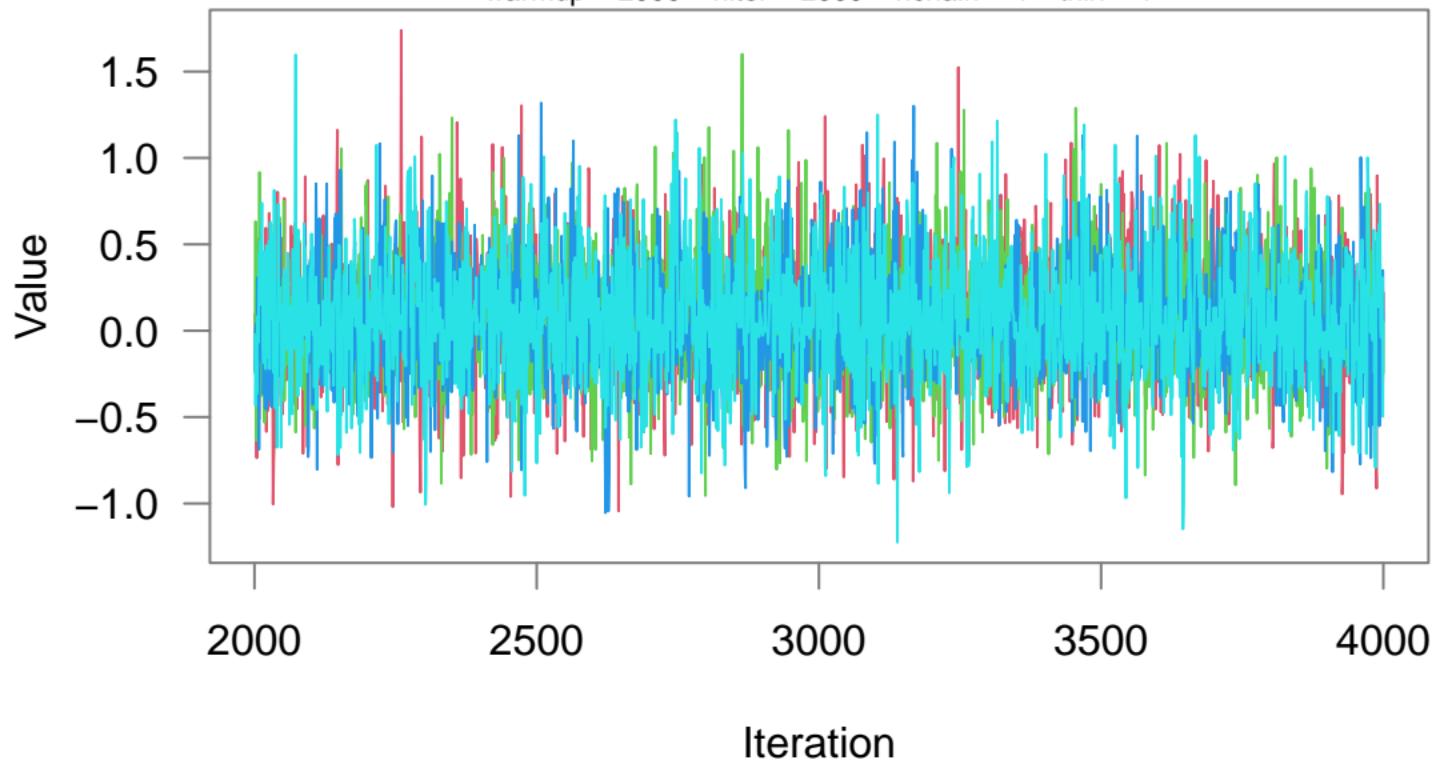
r_bay_fac[Kaiugnak,Intercept]

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



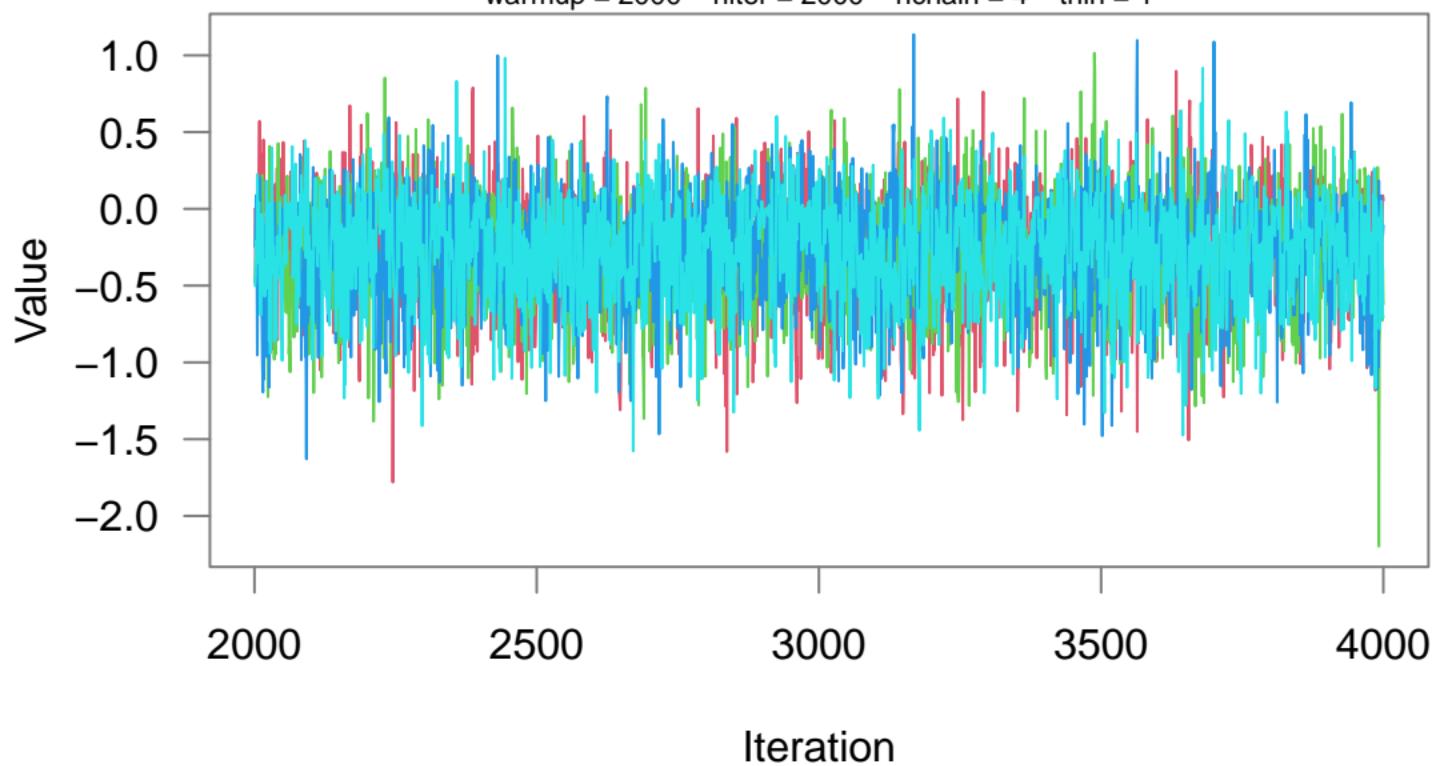
r_bay_fac[Kiliuda,Intercept]

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



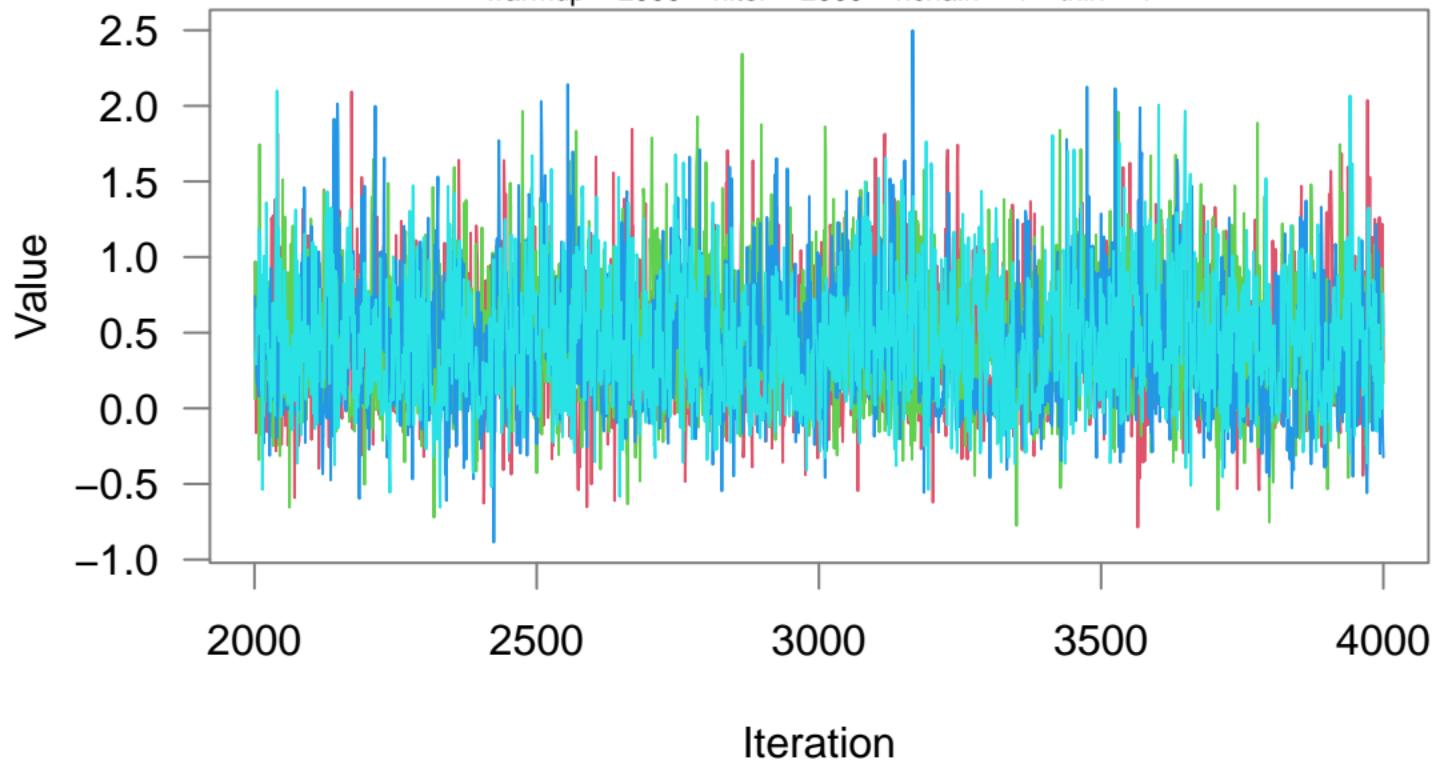
r_bay_fac[Mitrofania,Intercept]

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



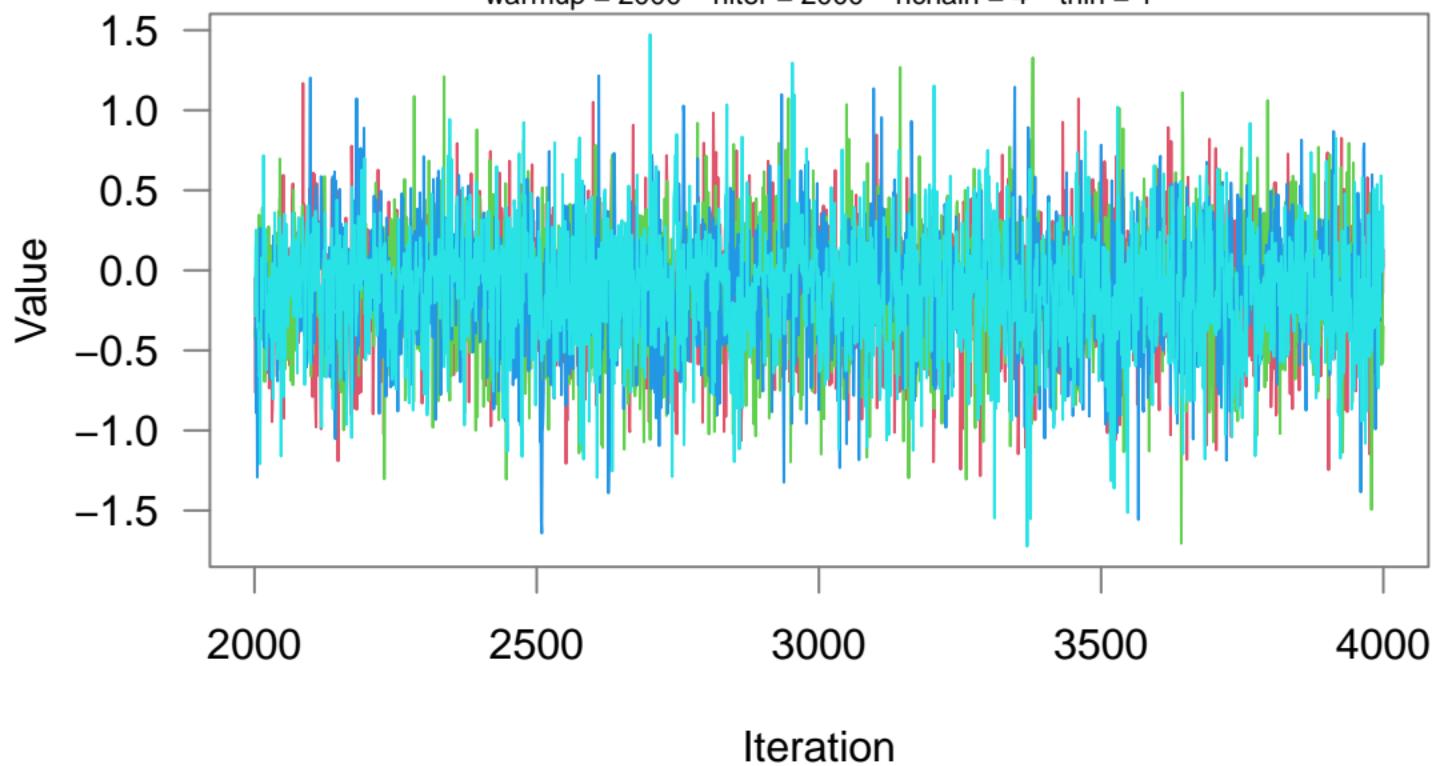
r_bay_fac[Port.Wrangell,Intercept]

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



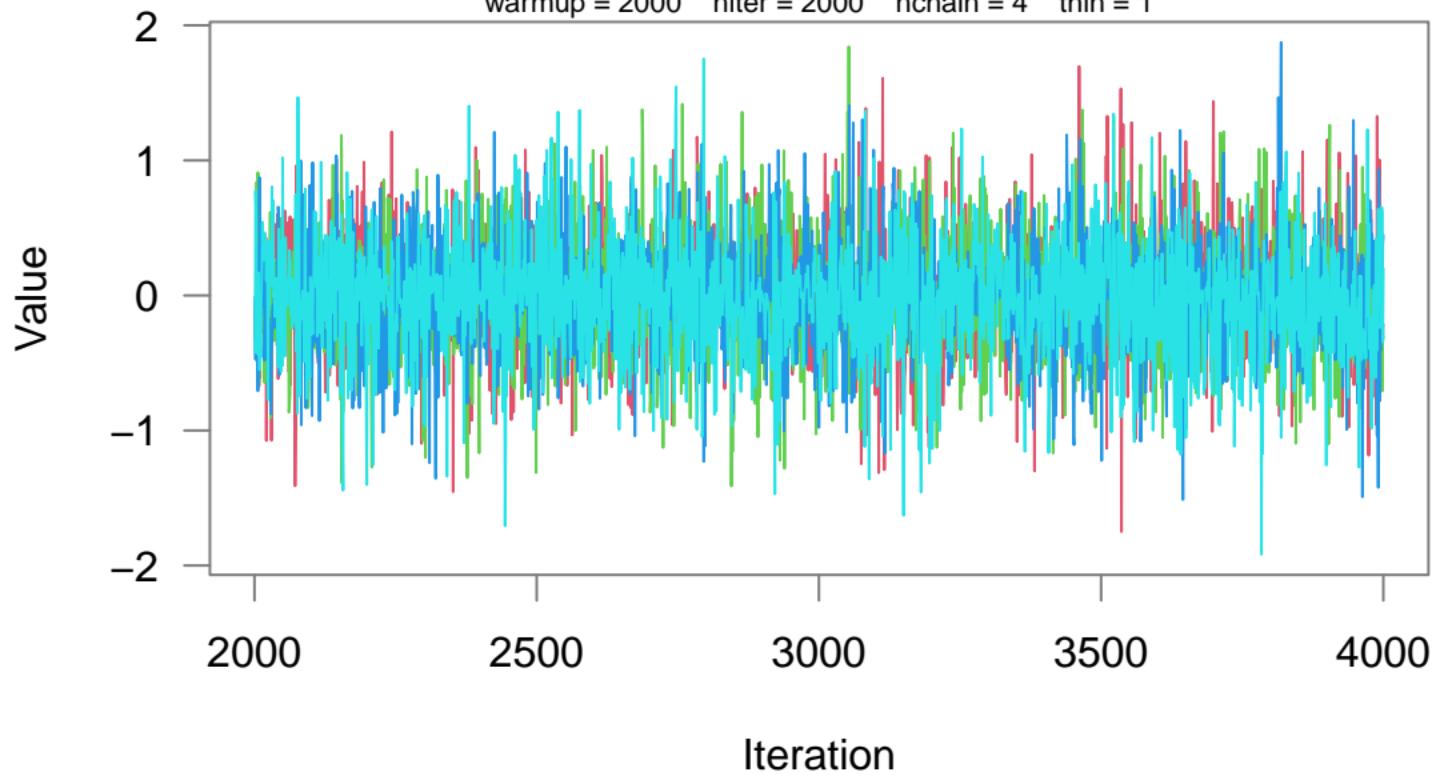
r_bay_fac[Rodman.Reach,Intercept]

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



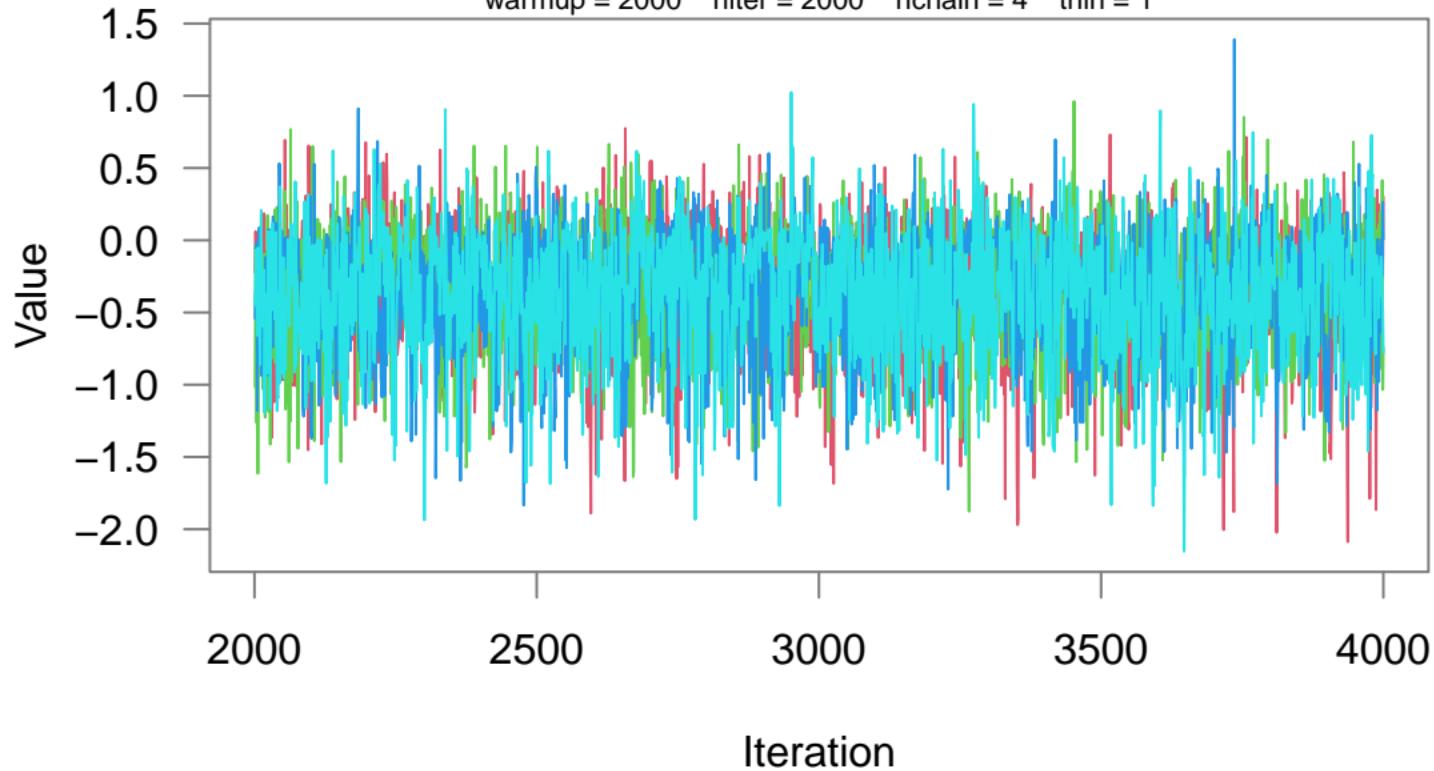
r_bay_fac[Sand.Point,Intercept]

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



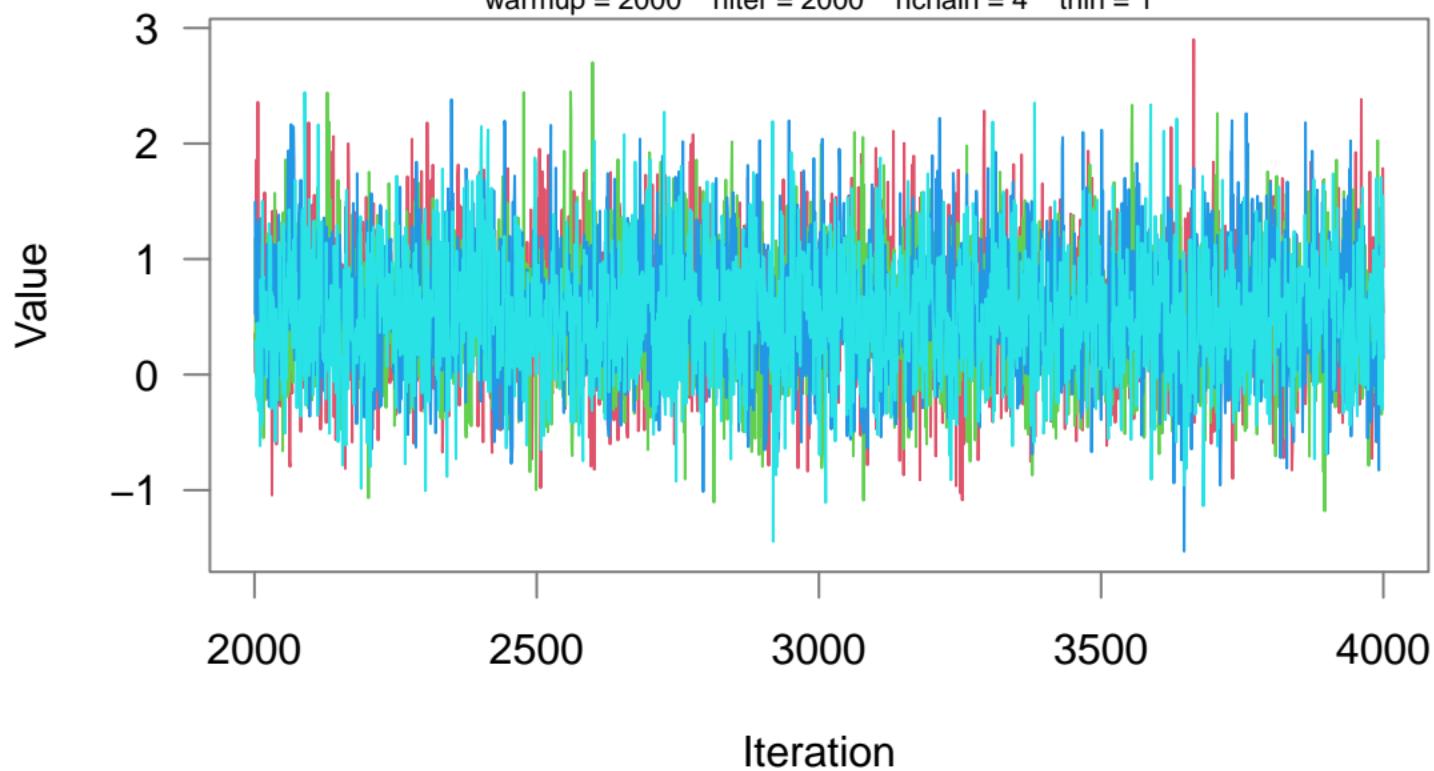
r_bay_fac[Ugak,Intercept]

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



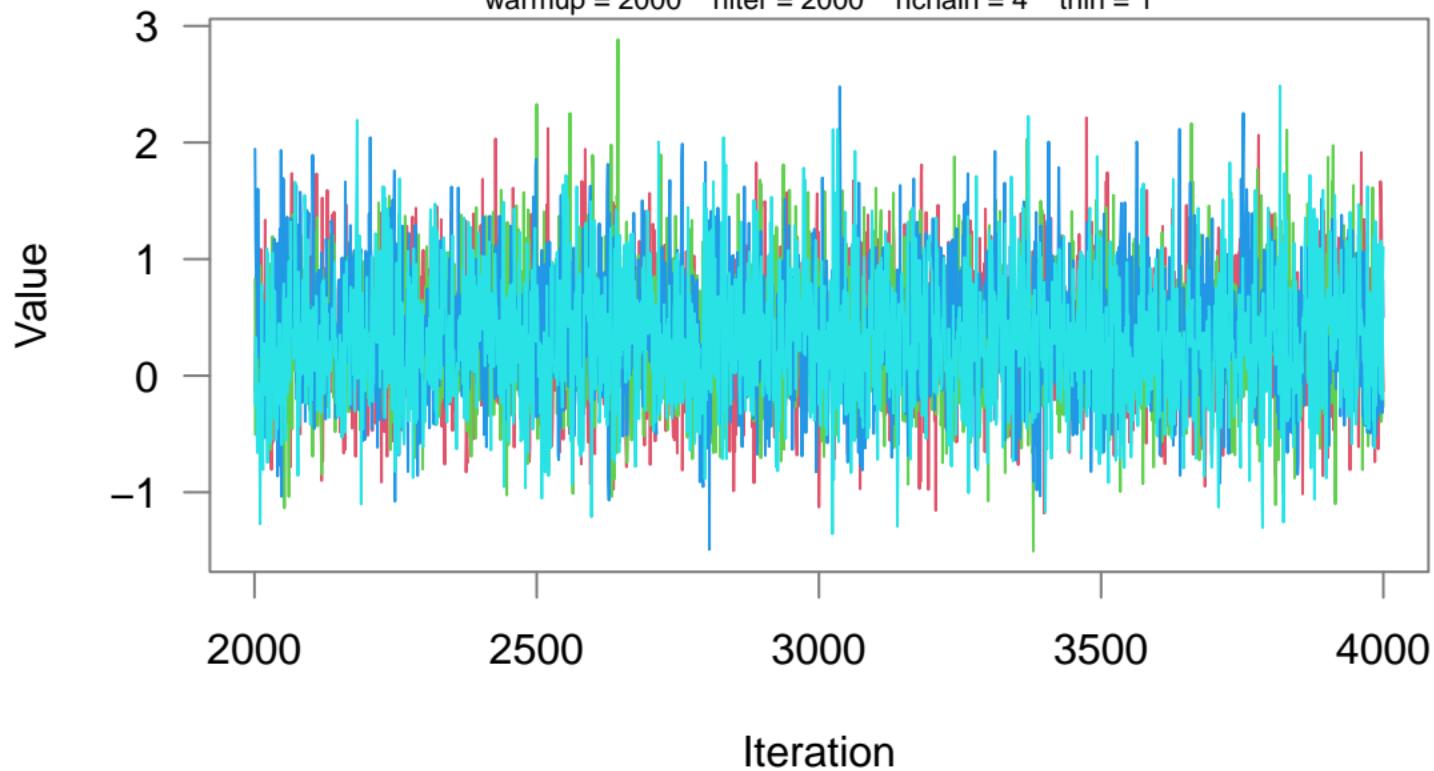
r_bay_fac:site_fac[Agripina_AG-1,Intercept]

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



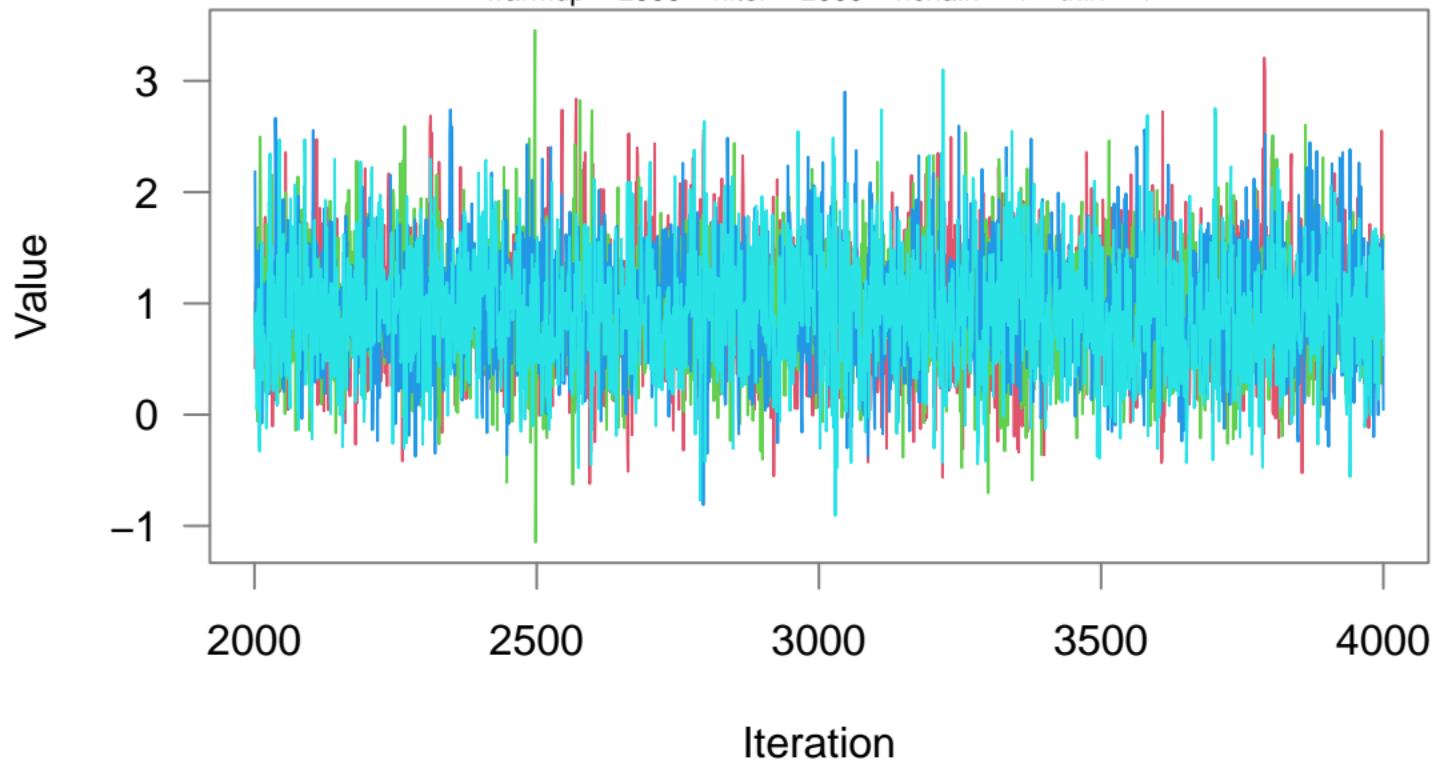
r_bay_fac:site_fac[Agripina_AG-2,Intercept]

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



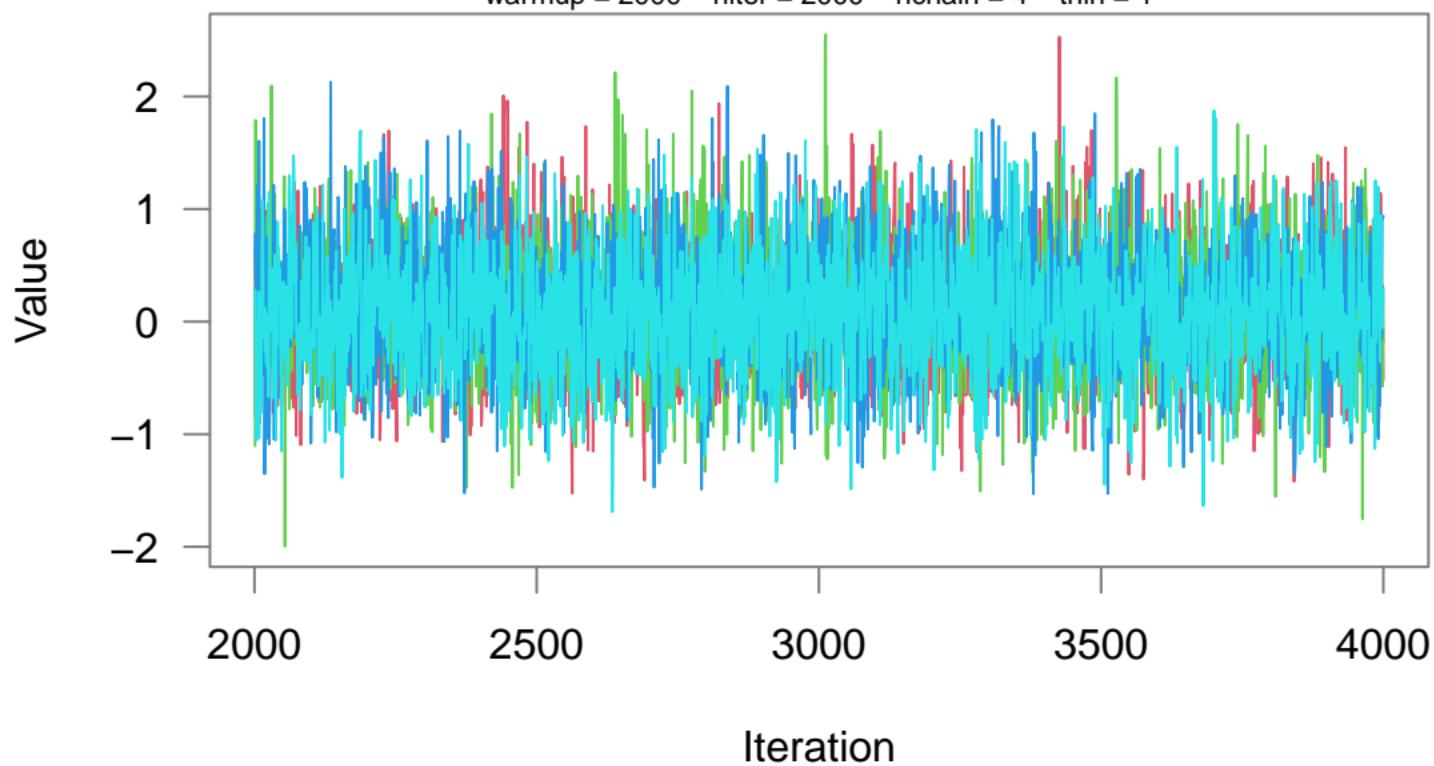
r_bay_fac:site_fac[Agripina_AG-3,Intercept]

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



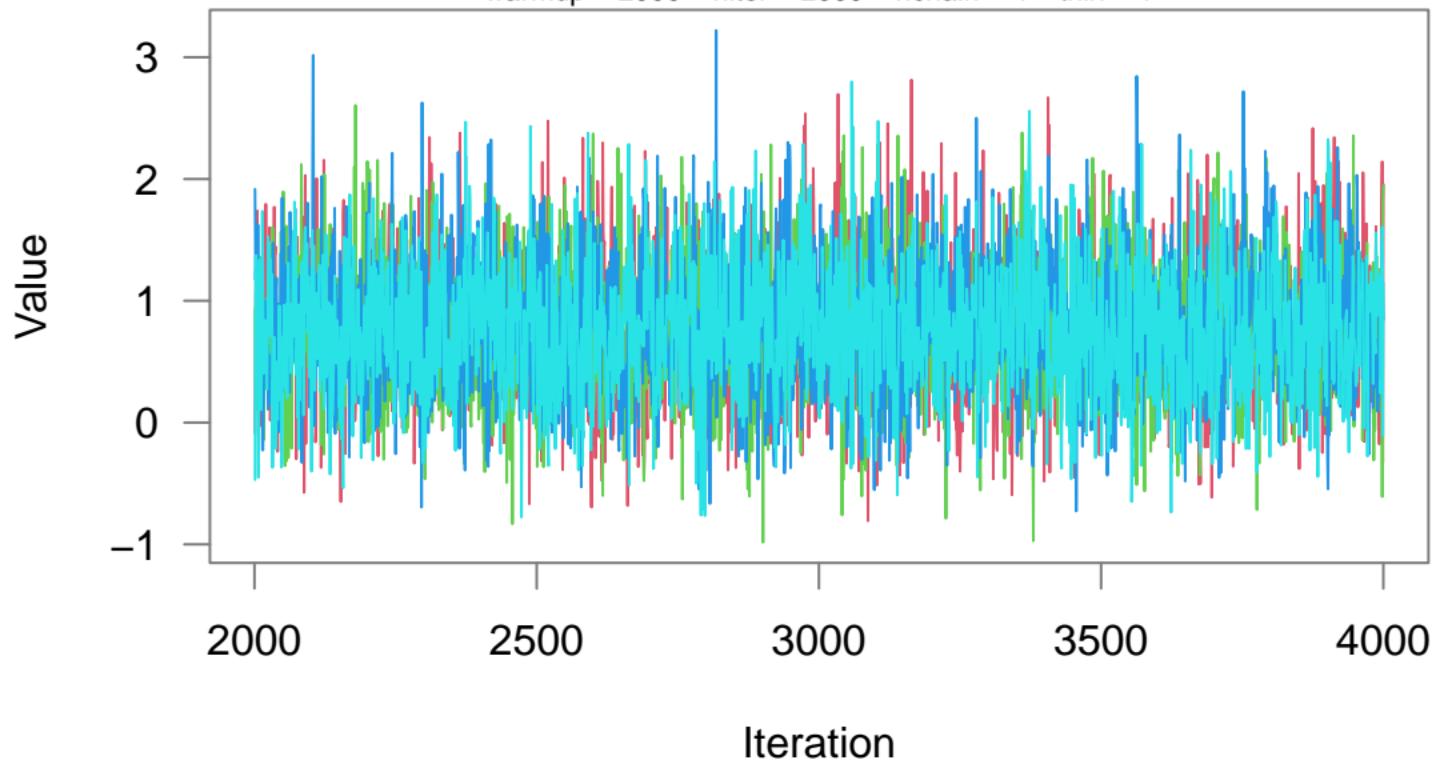
r_bay_fac:site_fac[Agripina_AG-4,Intercept]

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



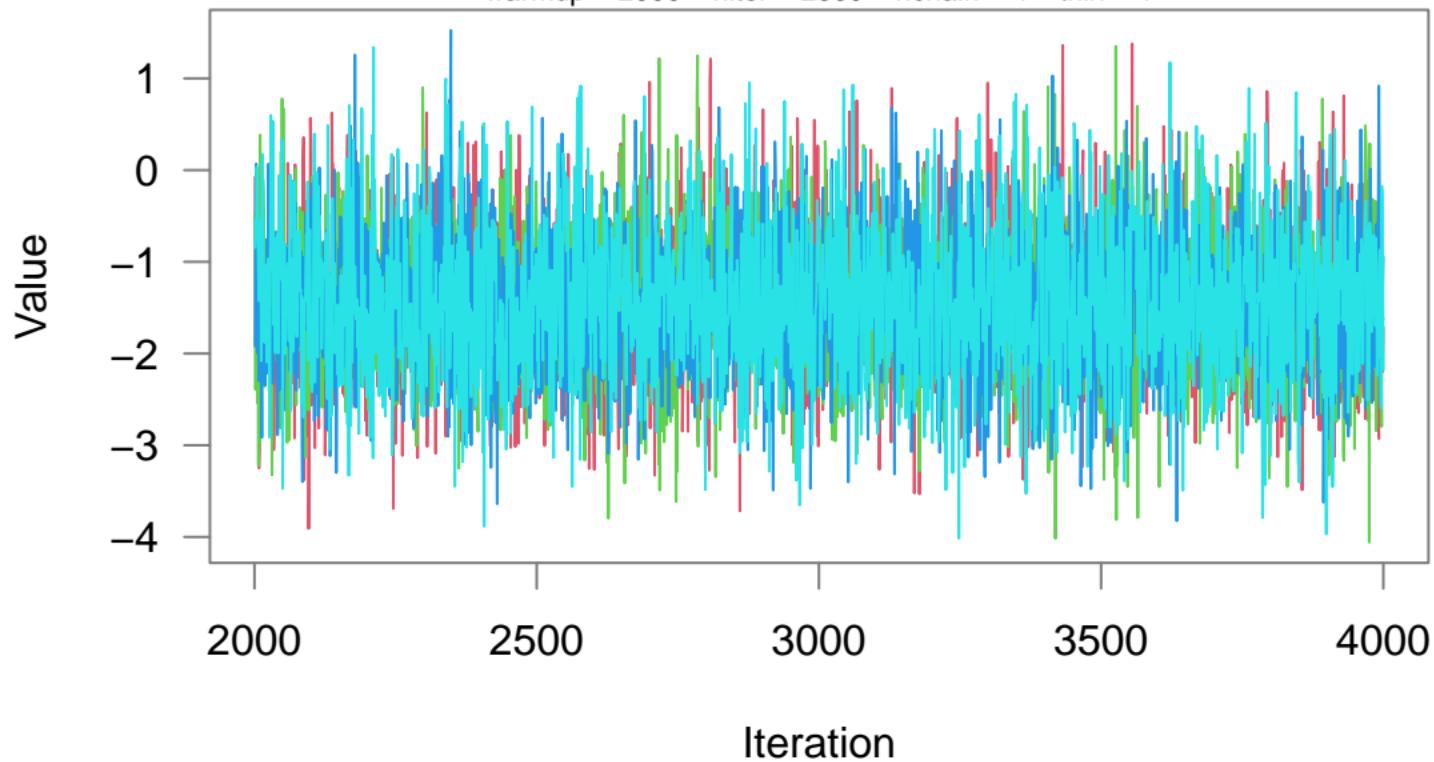
r_bay_fac:site_fac[Agripina_AG-5,Intercept]

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



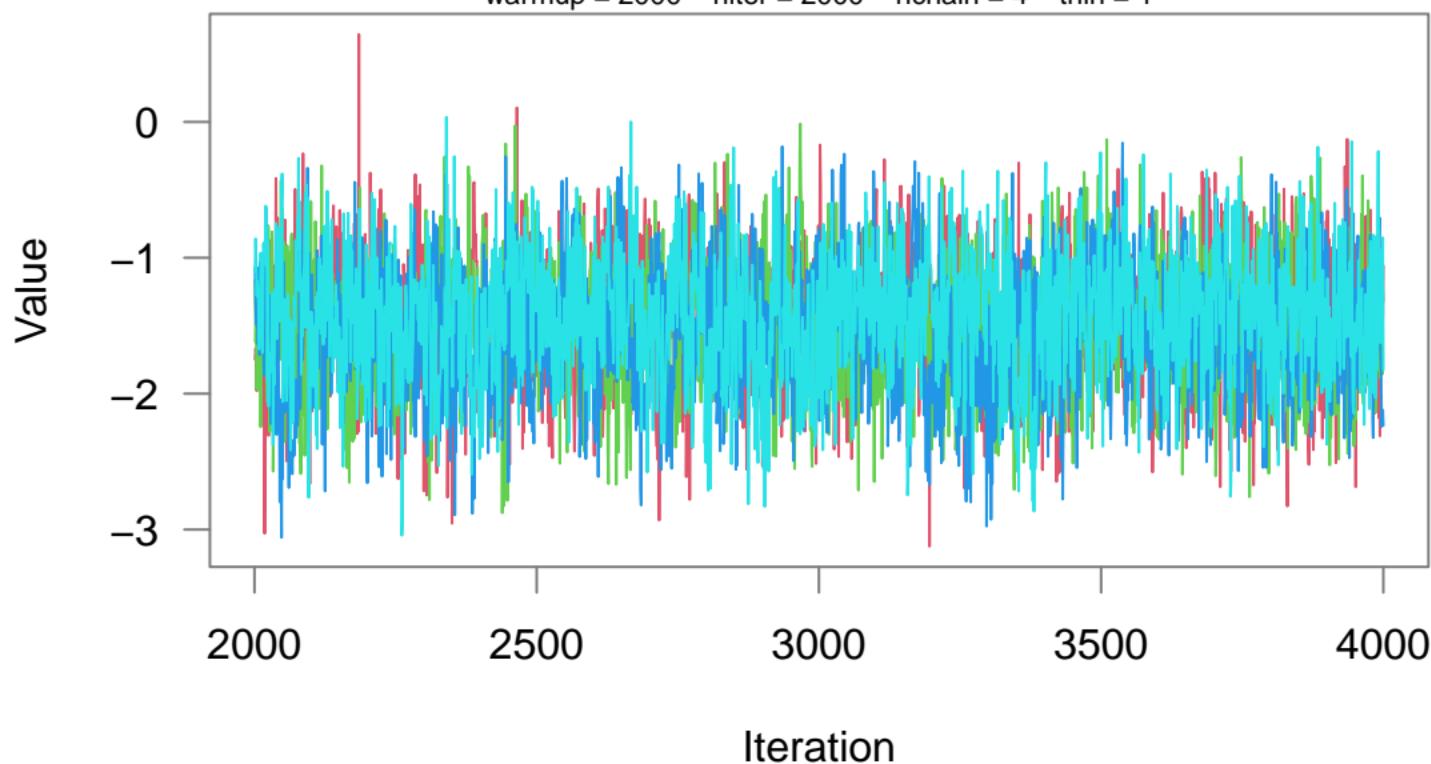
r_bay_fac:site_fac[Agripina_AG-6,Intercept]

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



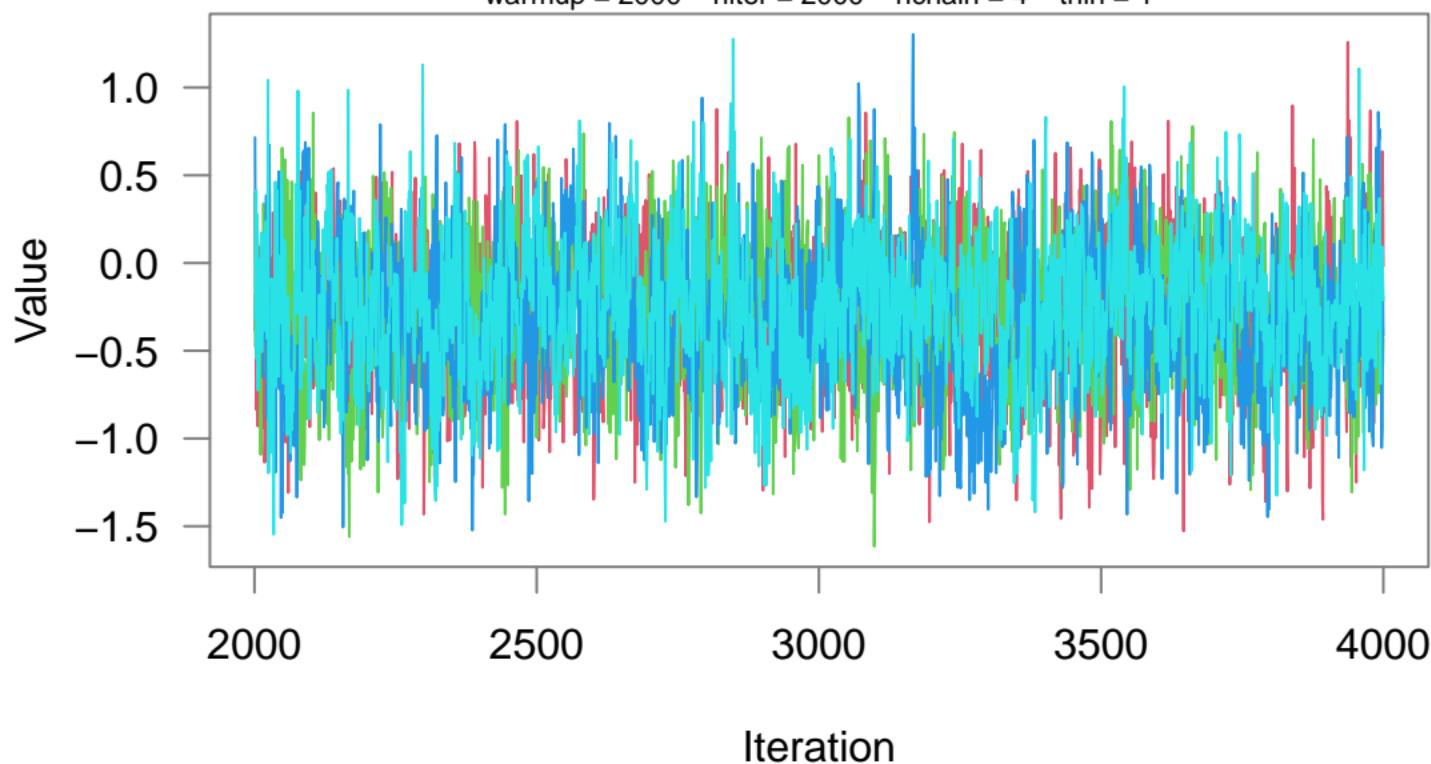
r_bay_fac:site_fac[Anton.Larsen_Back.Bay.eelgrass,Intercept]

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



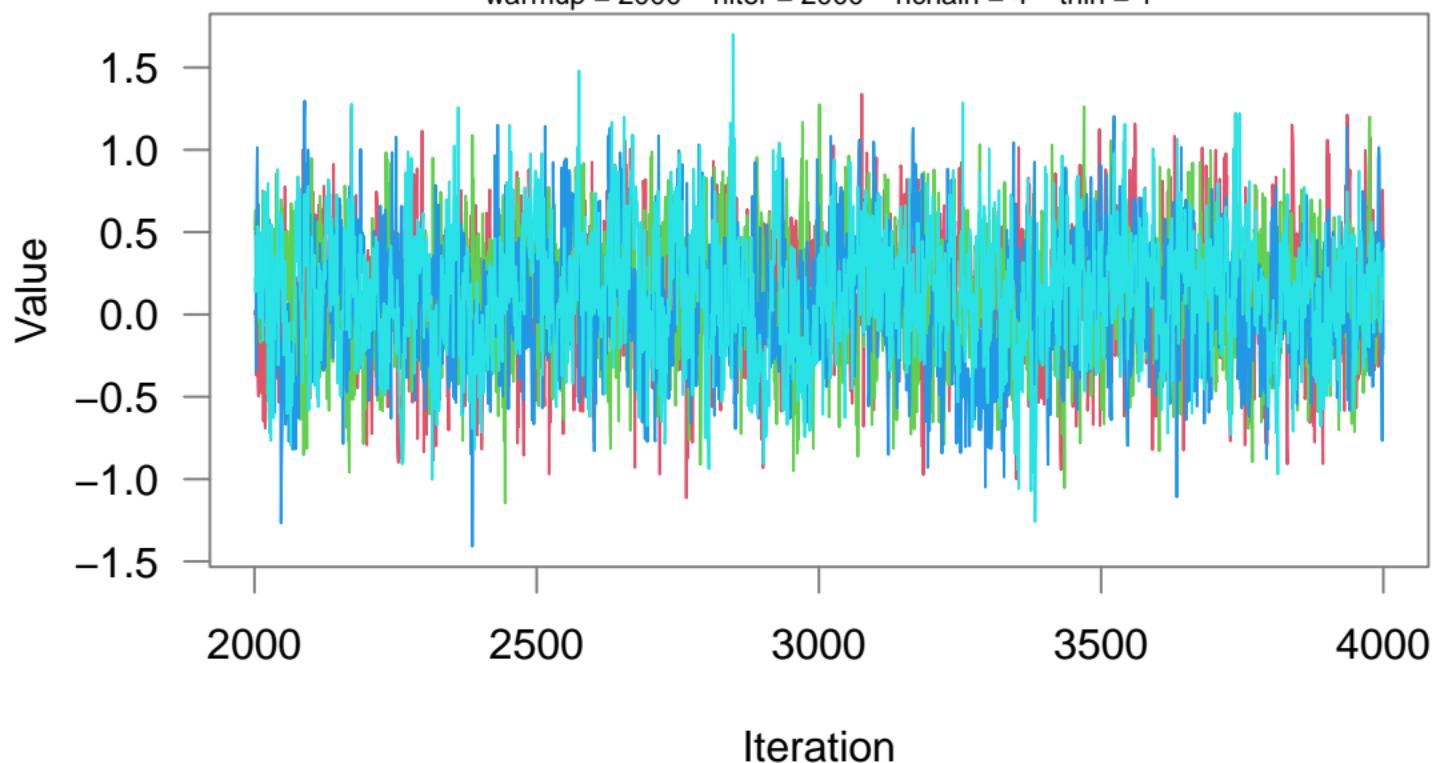
r_bay_fac:site_fac[Anton.Larsen_Cobble.point,Intercept]

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

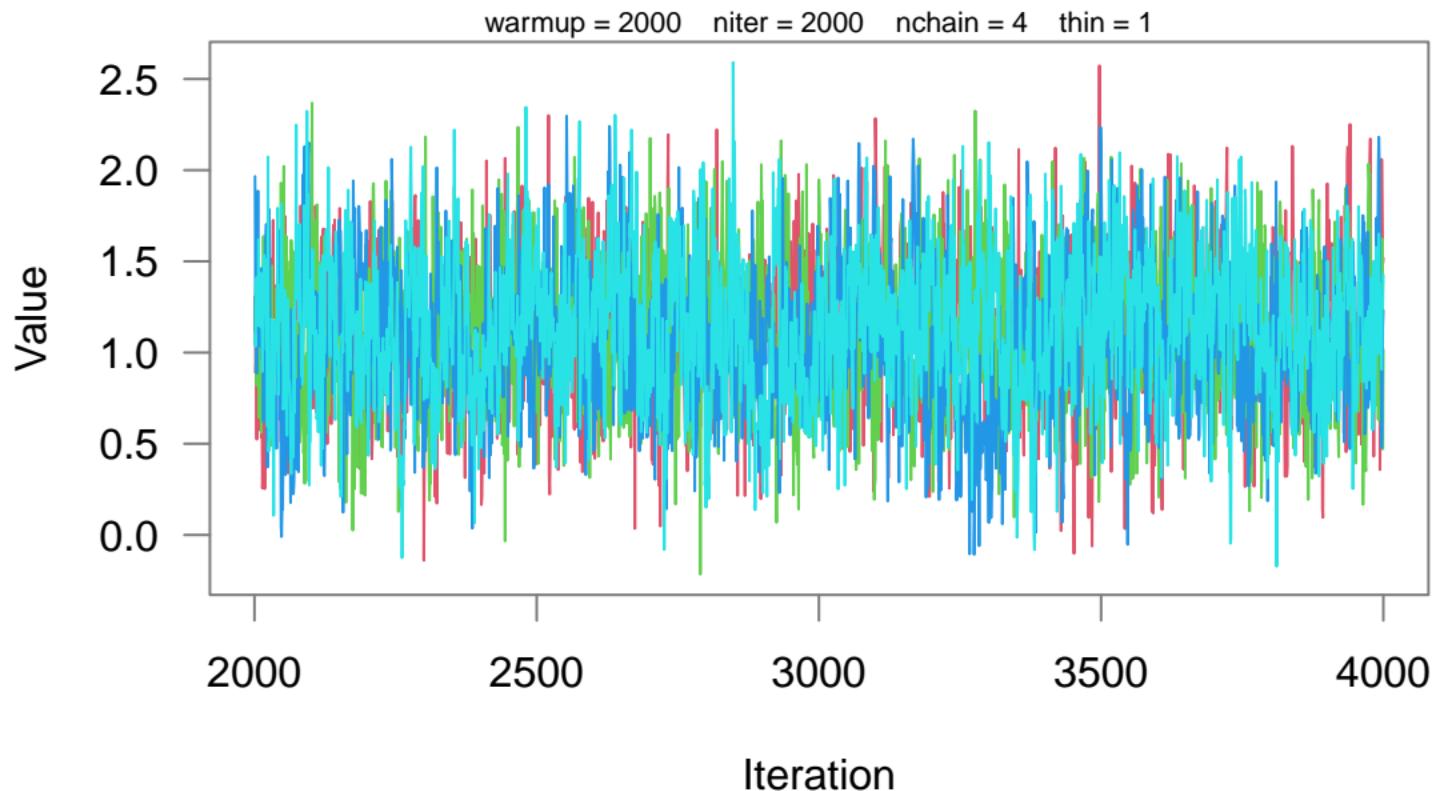


r_bay_fac:site_fac[Anton.Larsen_Eelgrass.patches,Intercept]

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

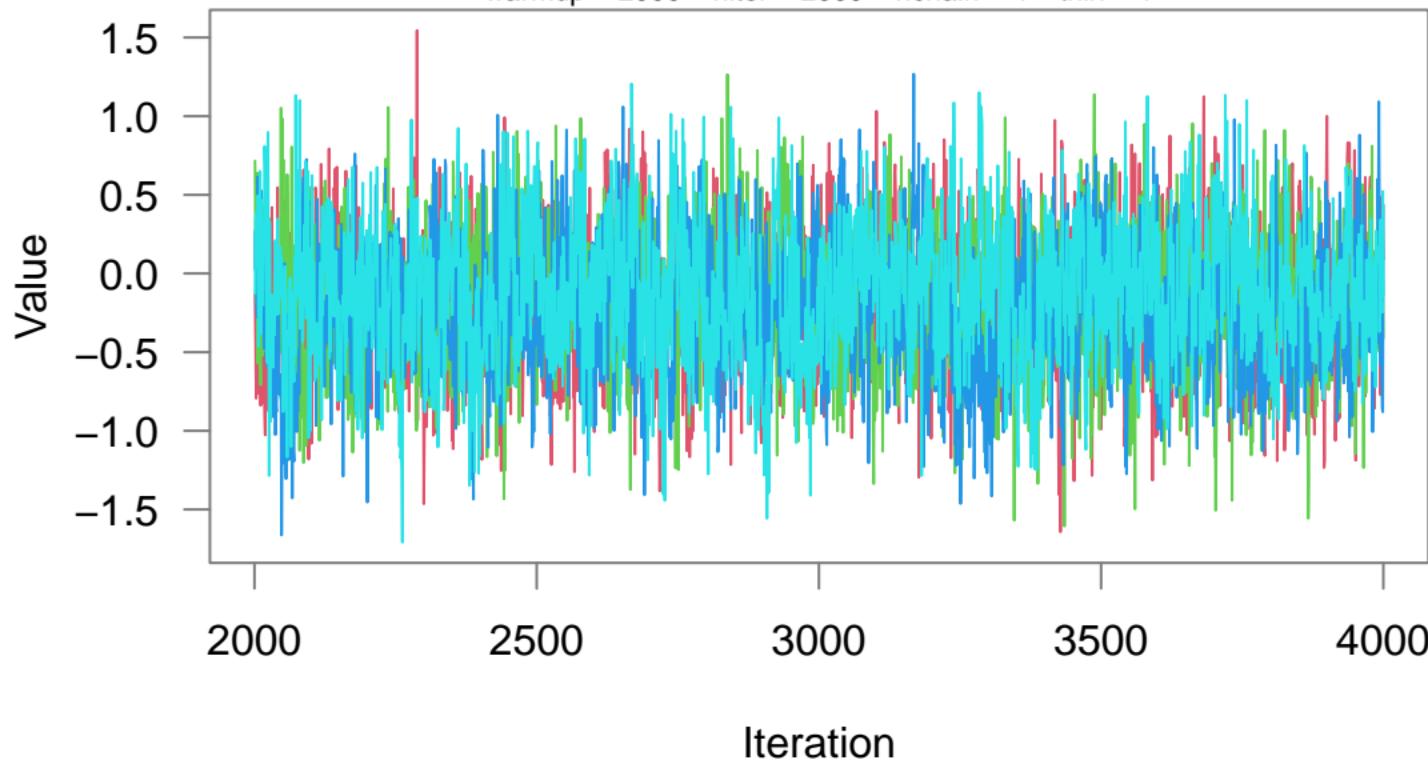


r_bay_fac:site_fac[Anton.Larsen_Eelgrass.point,Intercept]



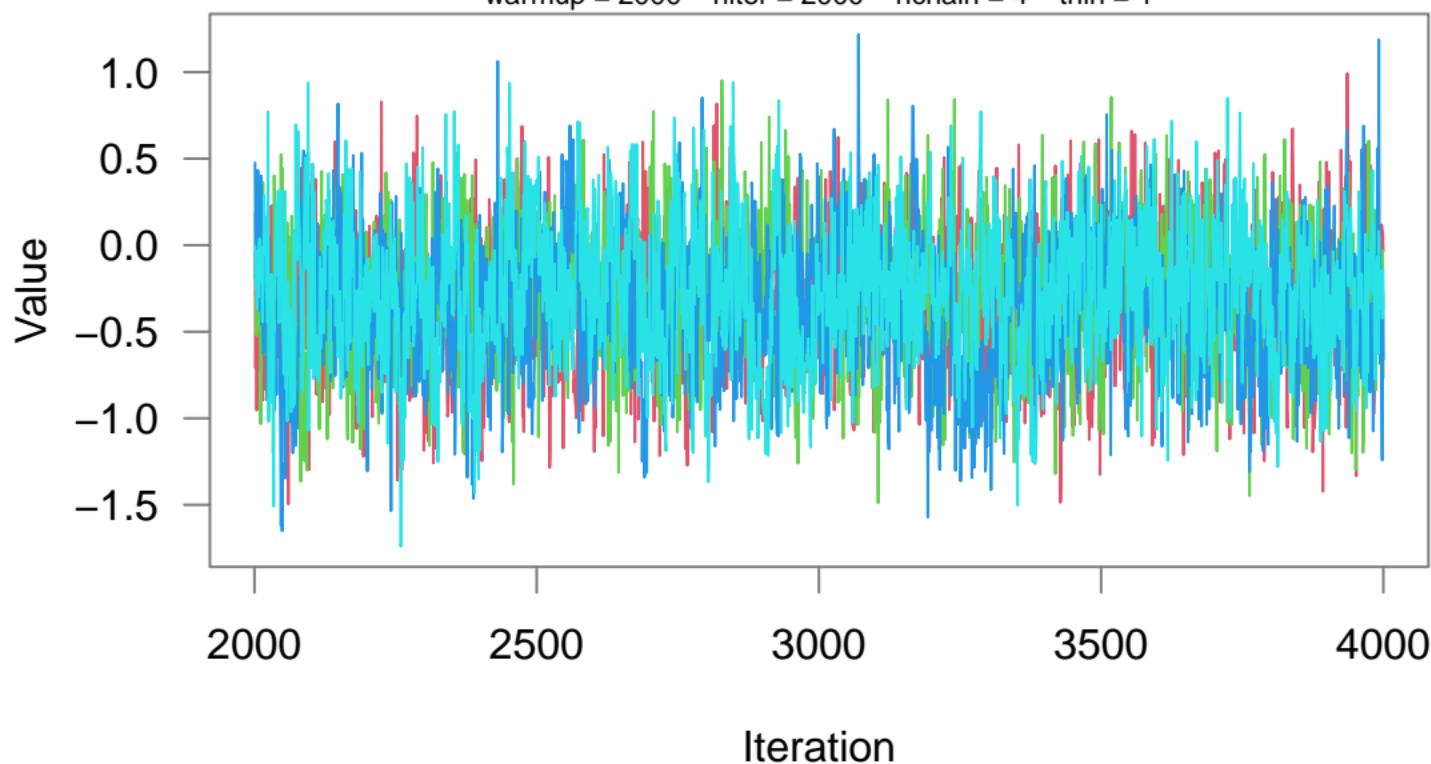
r_bay_fac:site_fac[Anton.Larsen_Laminaria.#2,Intercept]

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



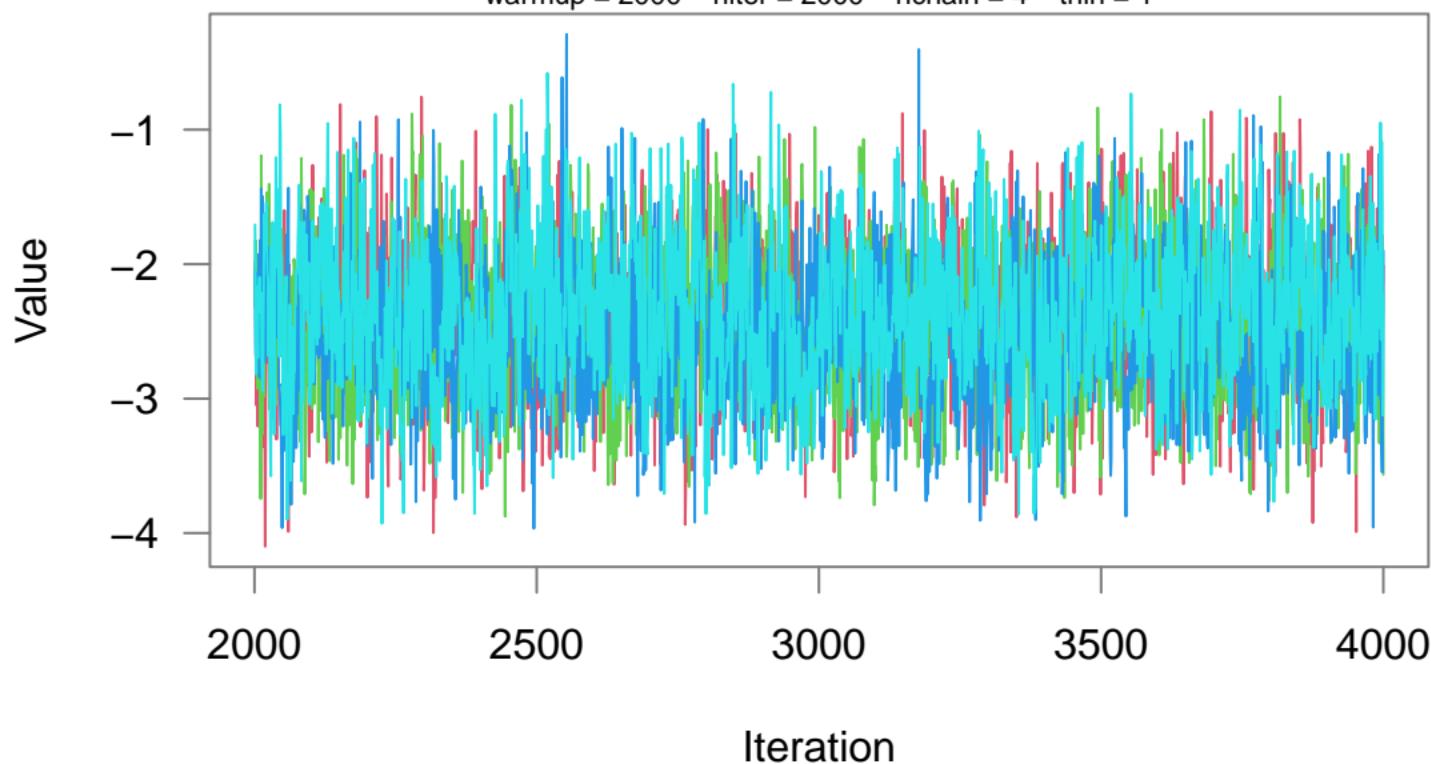
r_bay_fac:site_fac[Anton.Larsen_Laminaria.Point,Intercept]

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

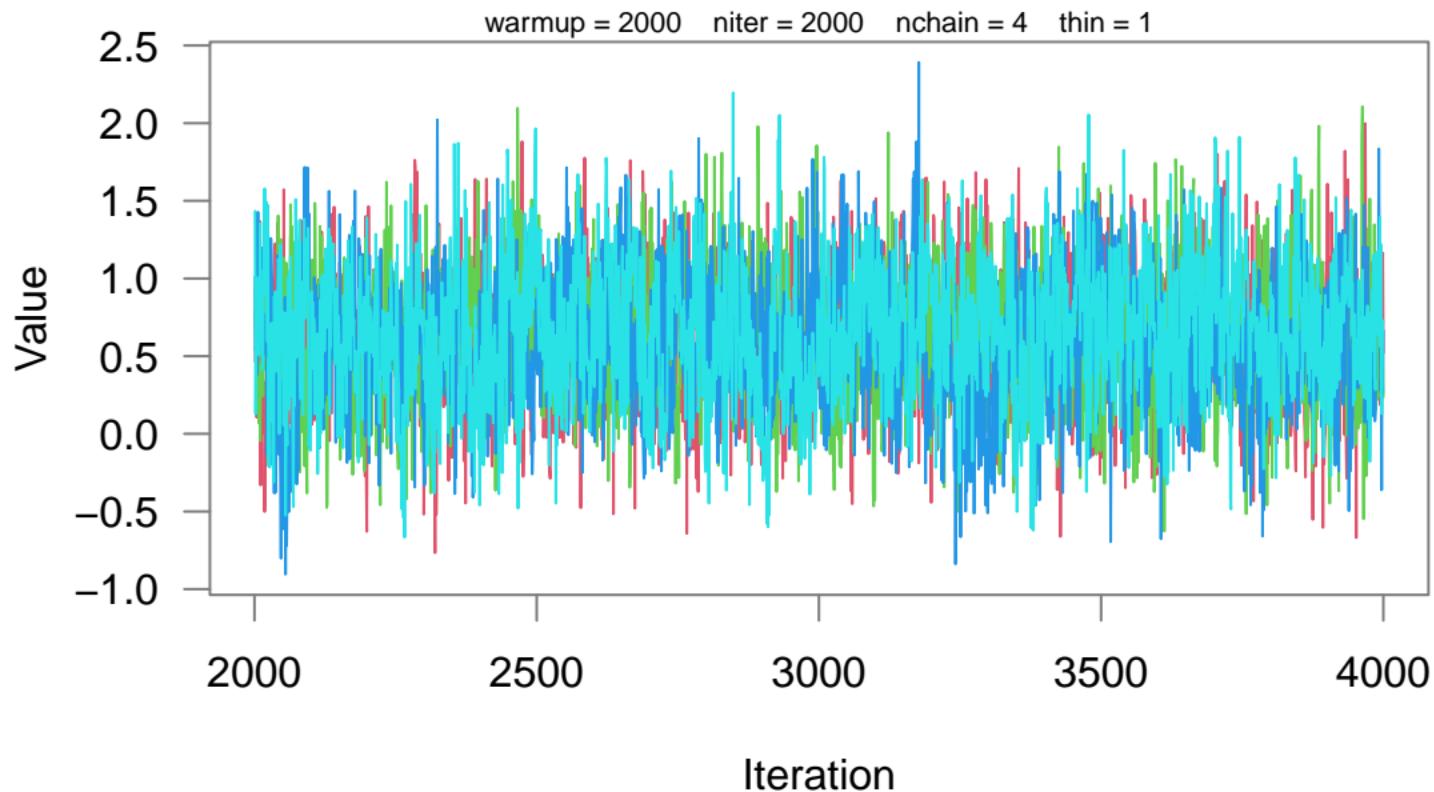


r_bay_fac:site_fac[Anton.Larsen_White.rock,Intercept]

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

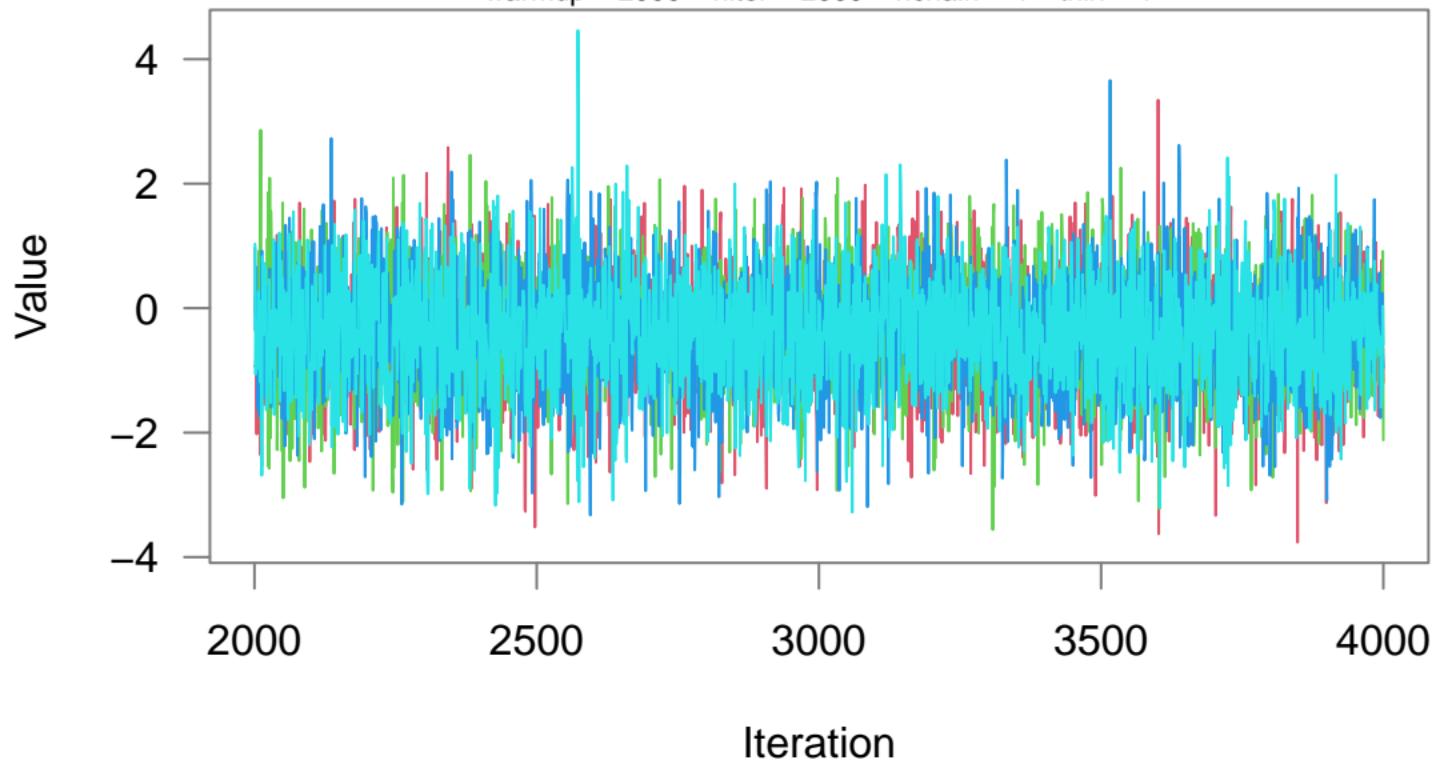


r_bay_fac:site_fac[Anton.Larsen_Wooden.boat,Intercept]



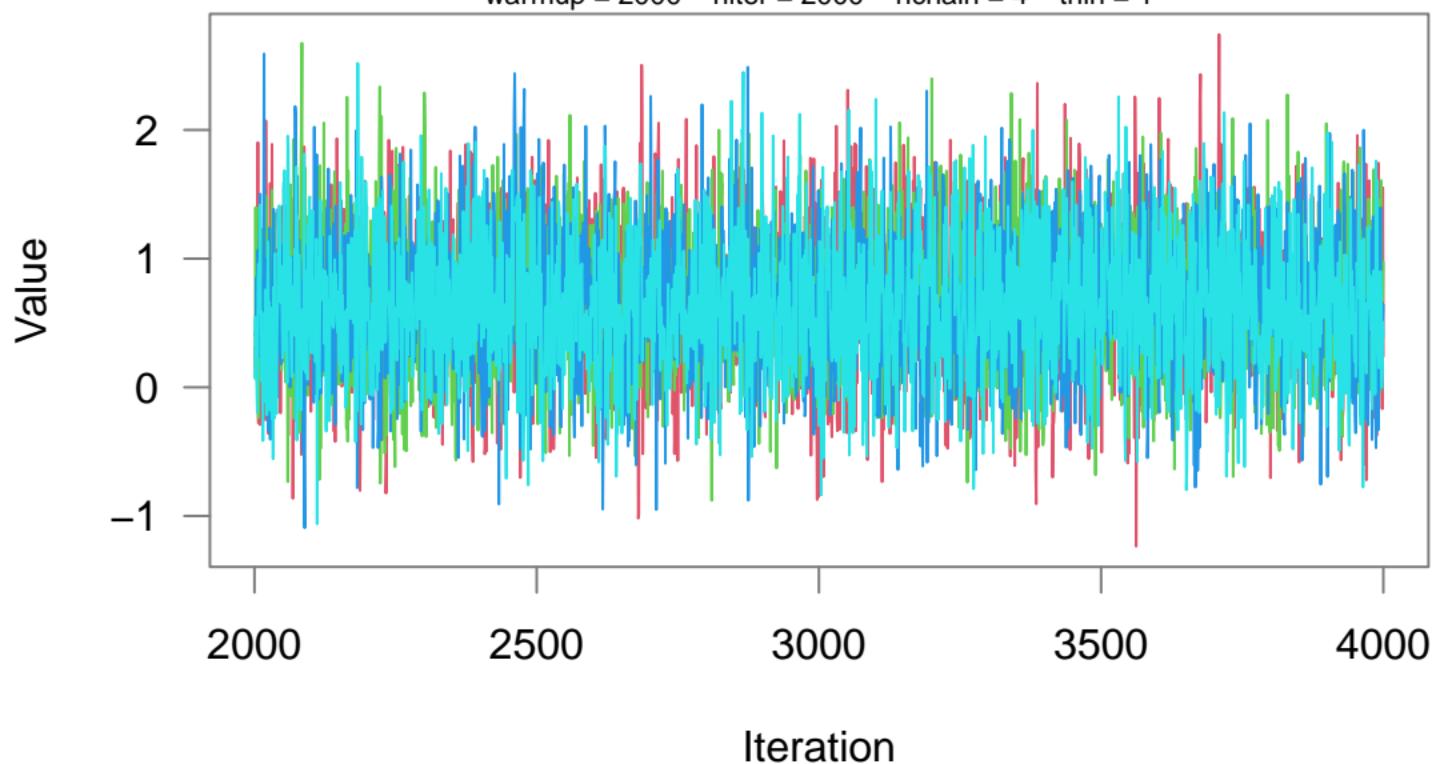
r_bay_fac:site_fac[Balboa_BB-1,Intercept]

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



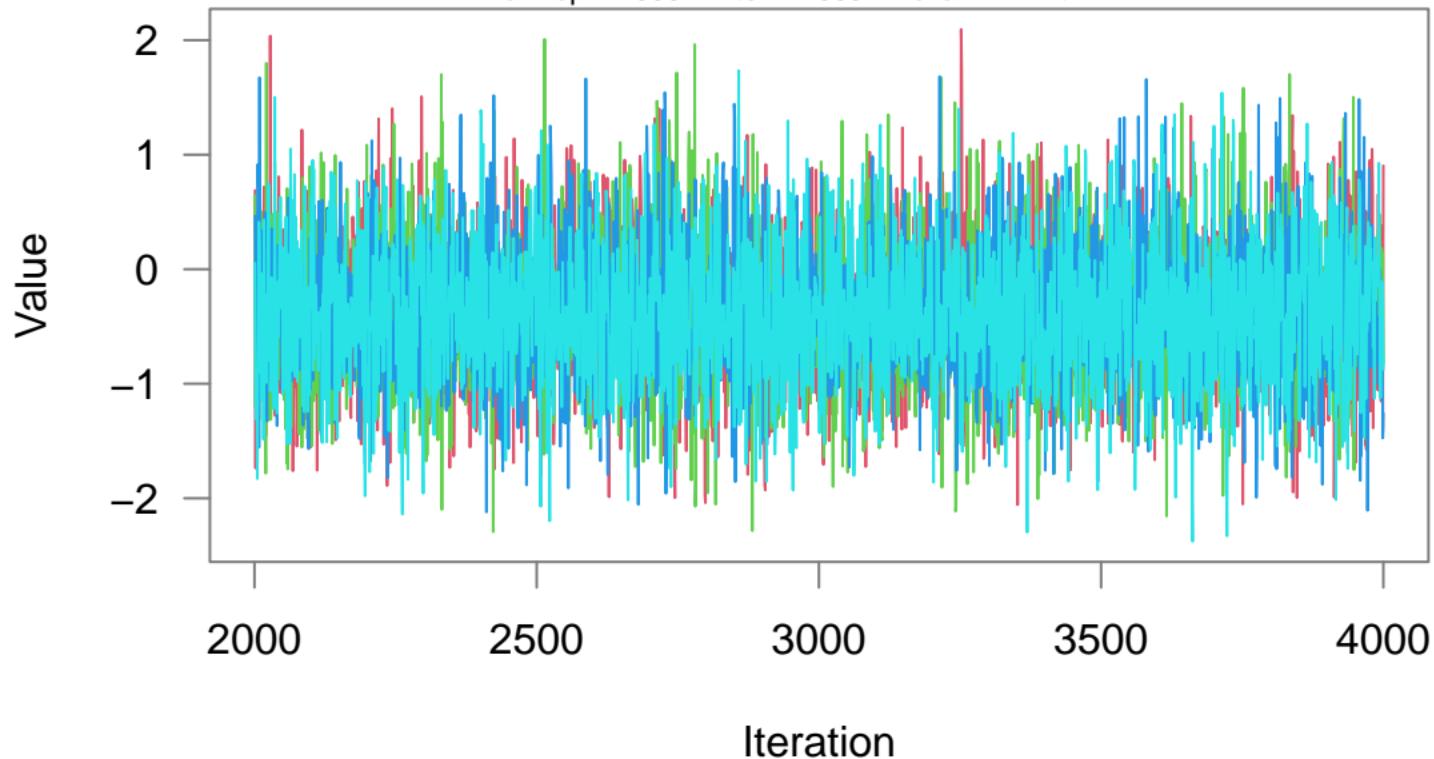
r_bay_fac:site_fac[Balboa_BB-2,Intercept]

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



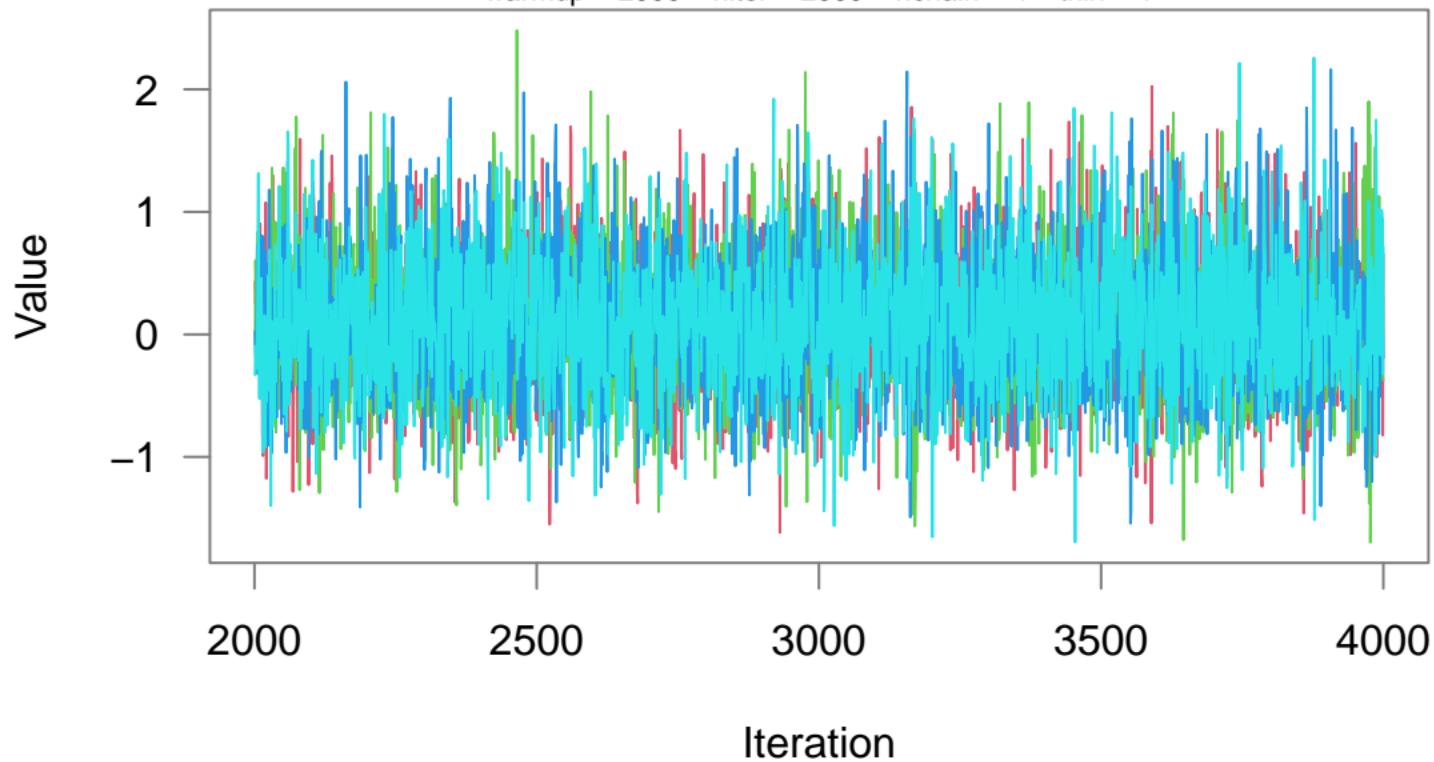
r_bay_fac:site_fac[Balboa_BB-3,Intercept]

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



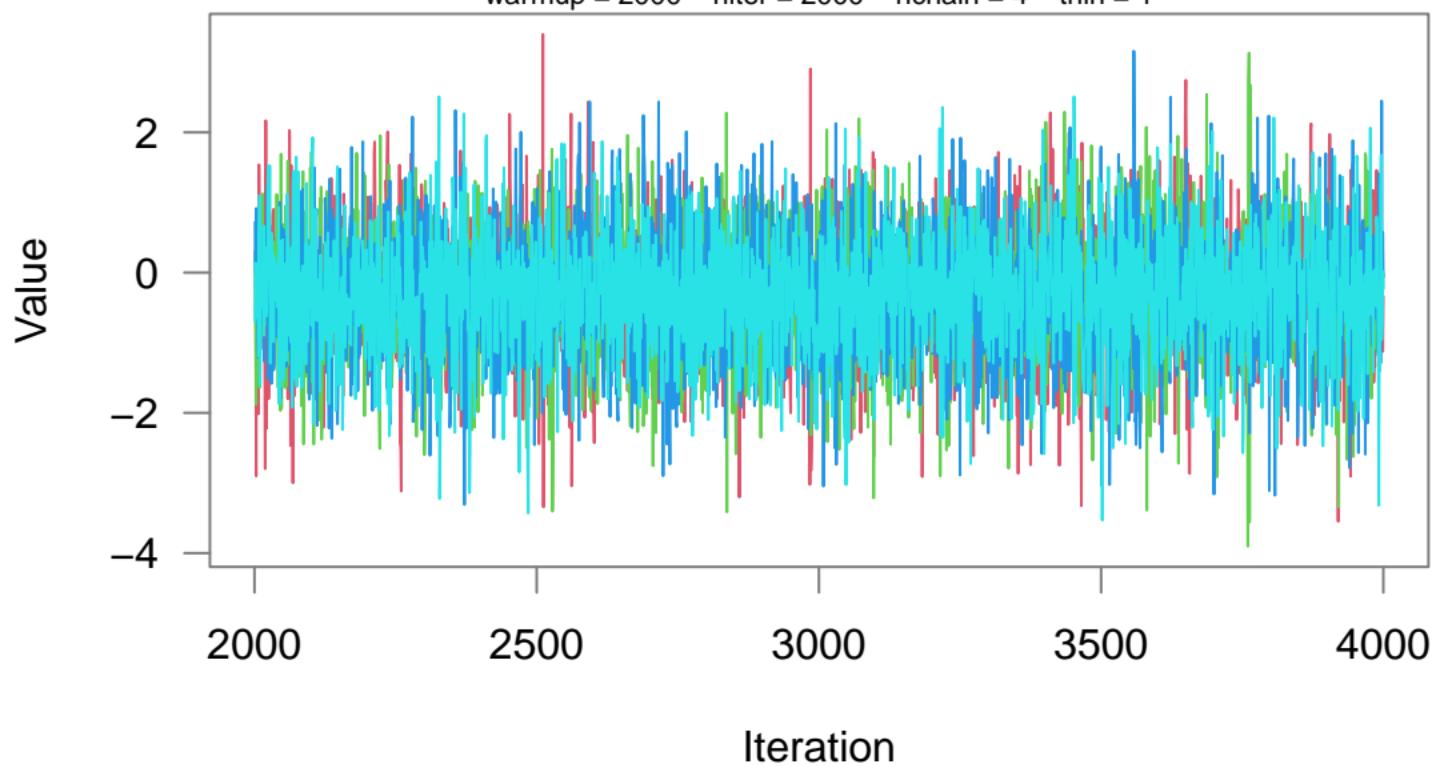
r_bay_fac:site_fac[Balboa_BB-4,Intercept]

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

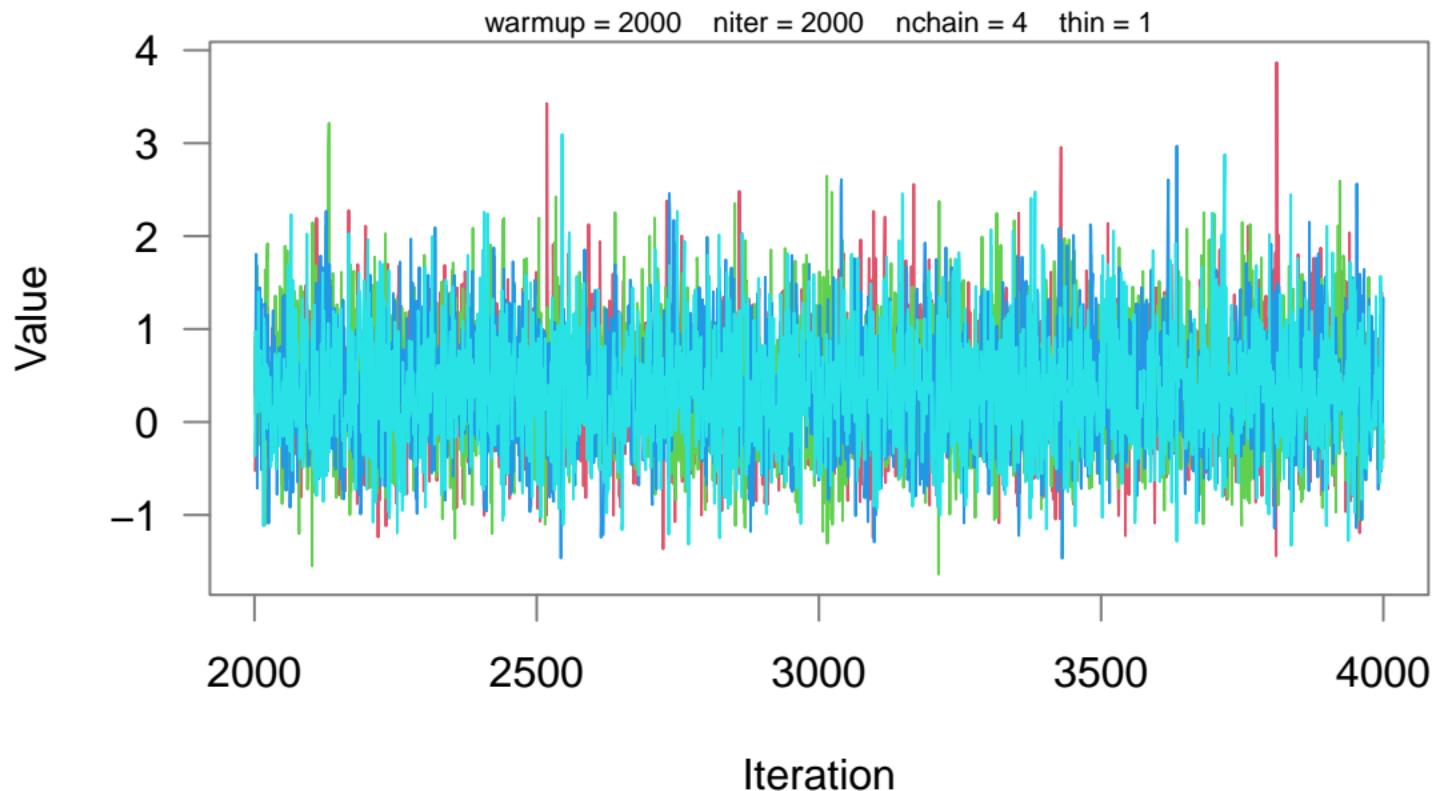


r_bay_fac:site_fac[Balboa_BB-5,Intercept]

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

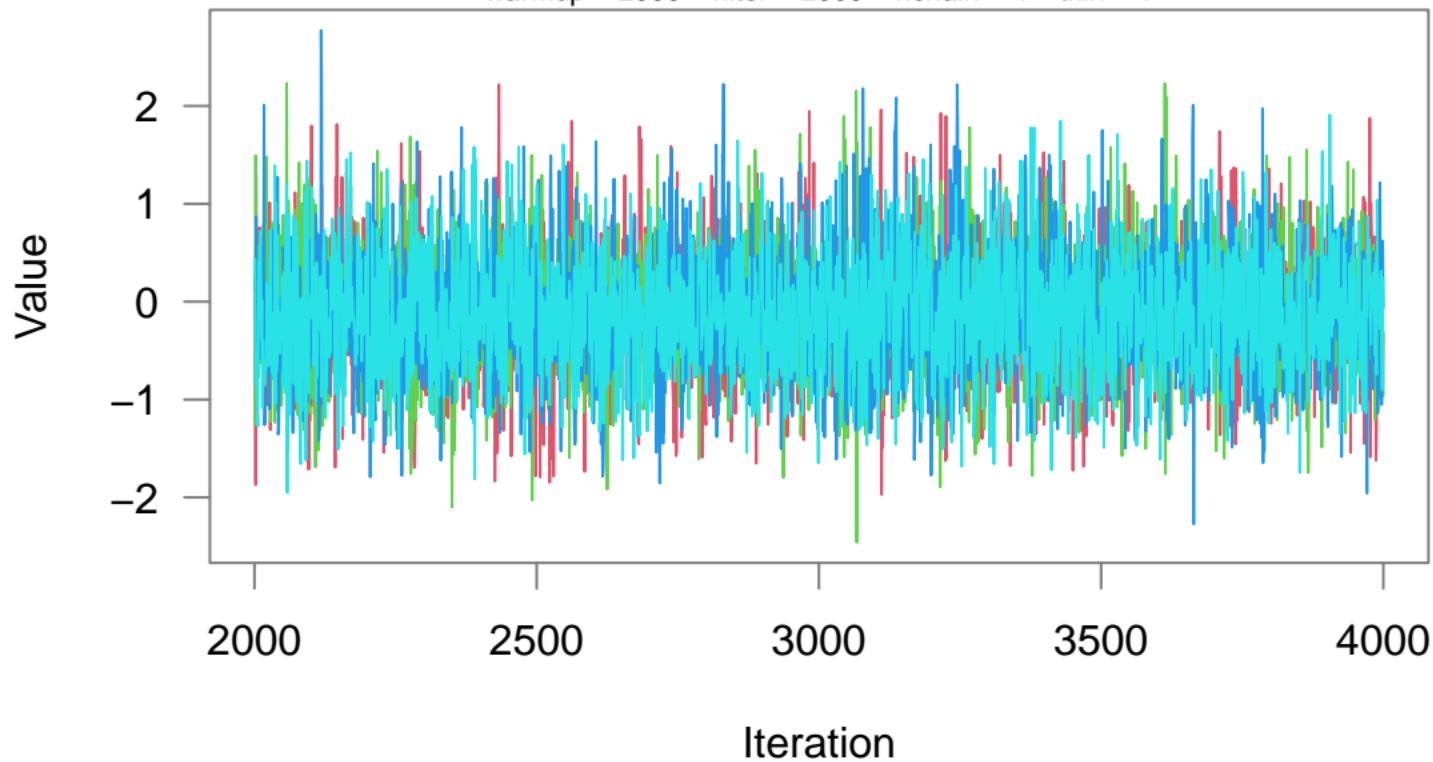


r_bay_fac:site_fac[Balboa_BB-6,Intercept]



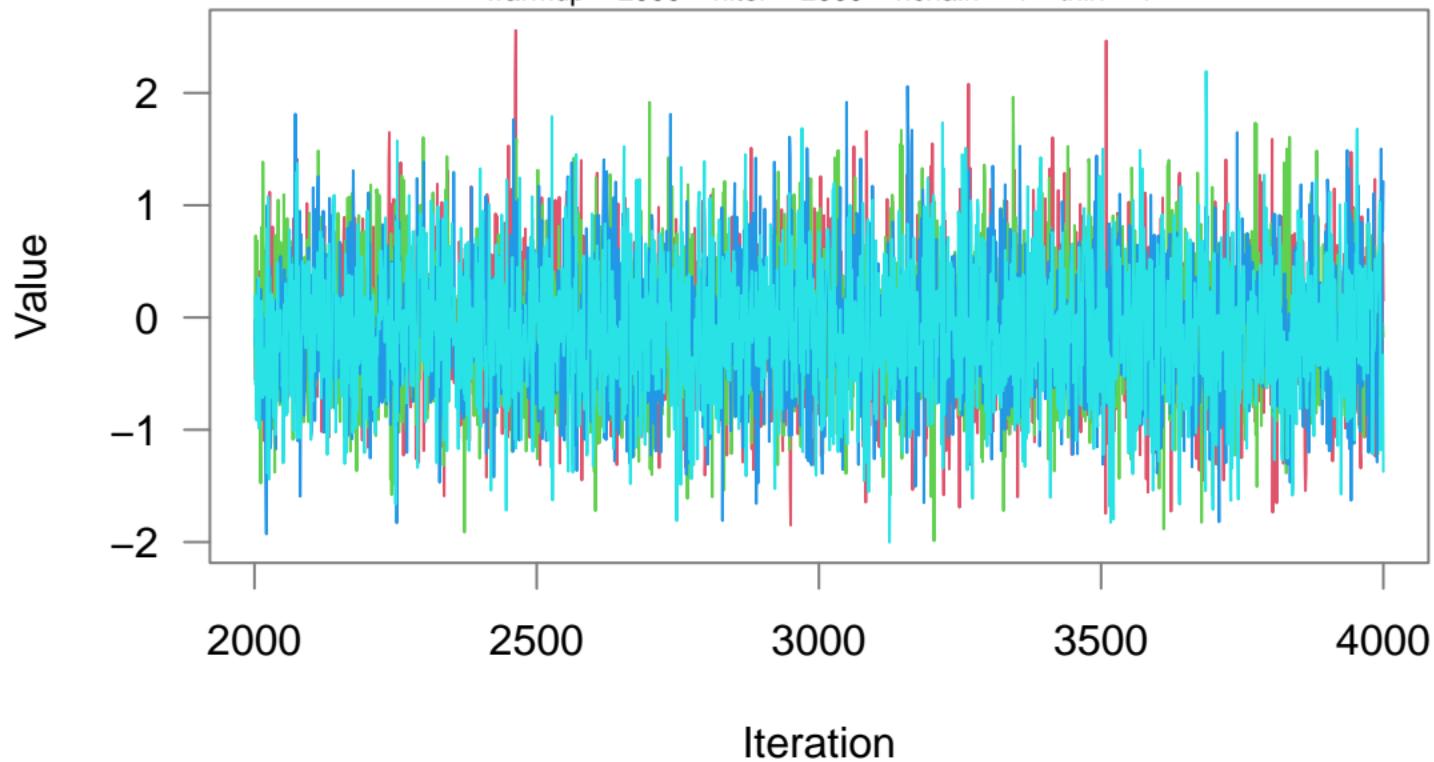
r_bay_fac:site_fac[Balboa_BB-7,Intercept]

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



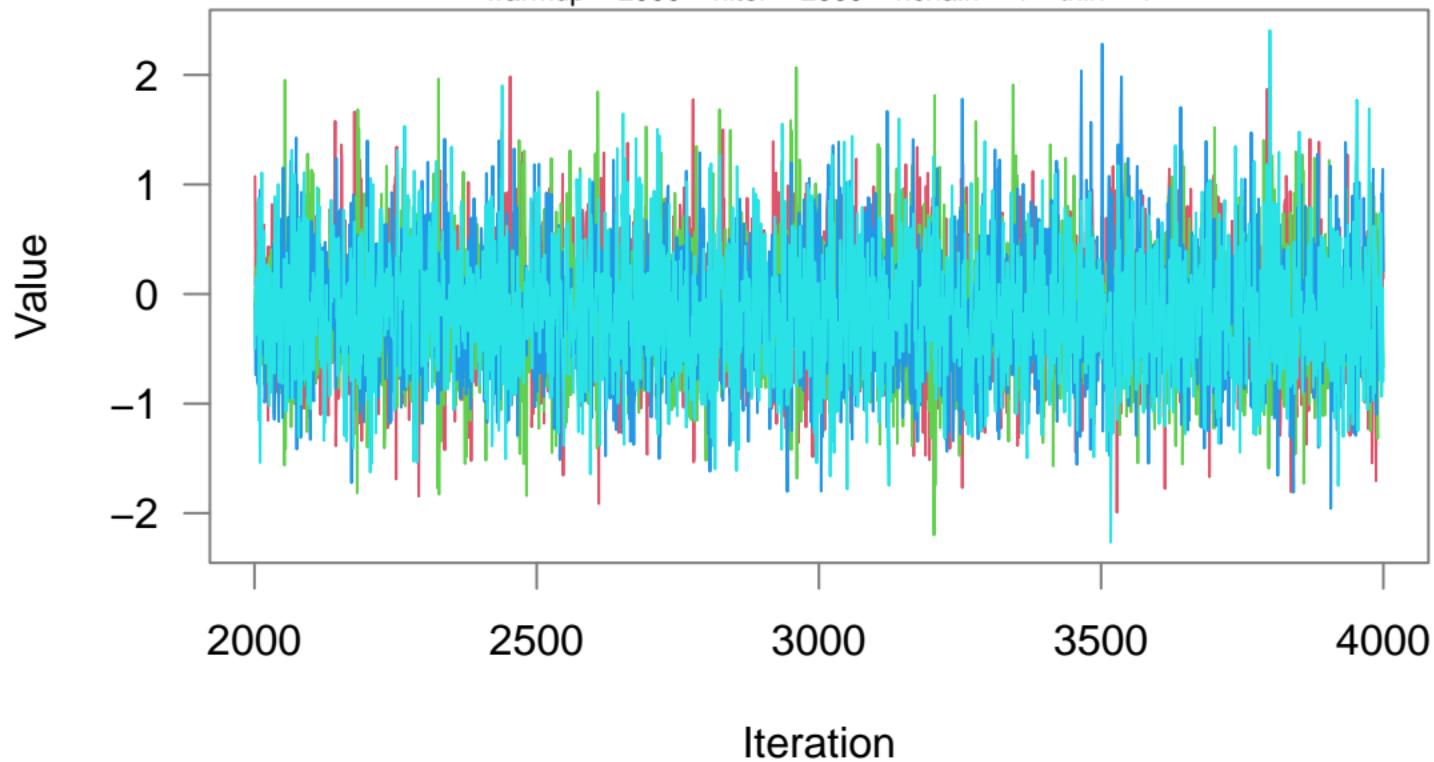
r_bay_fac:site_fac[Baralof_Bar-1,Intercept]

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



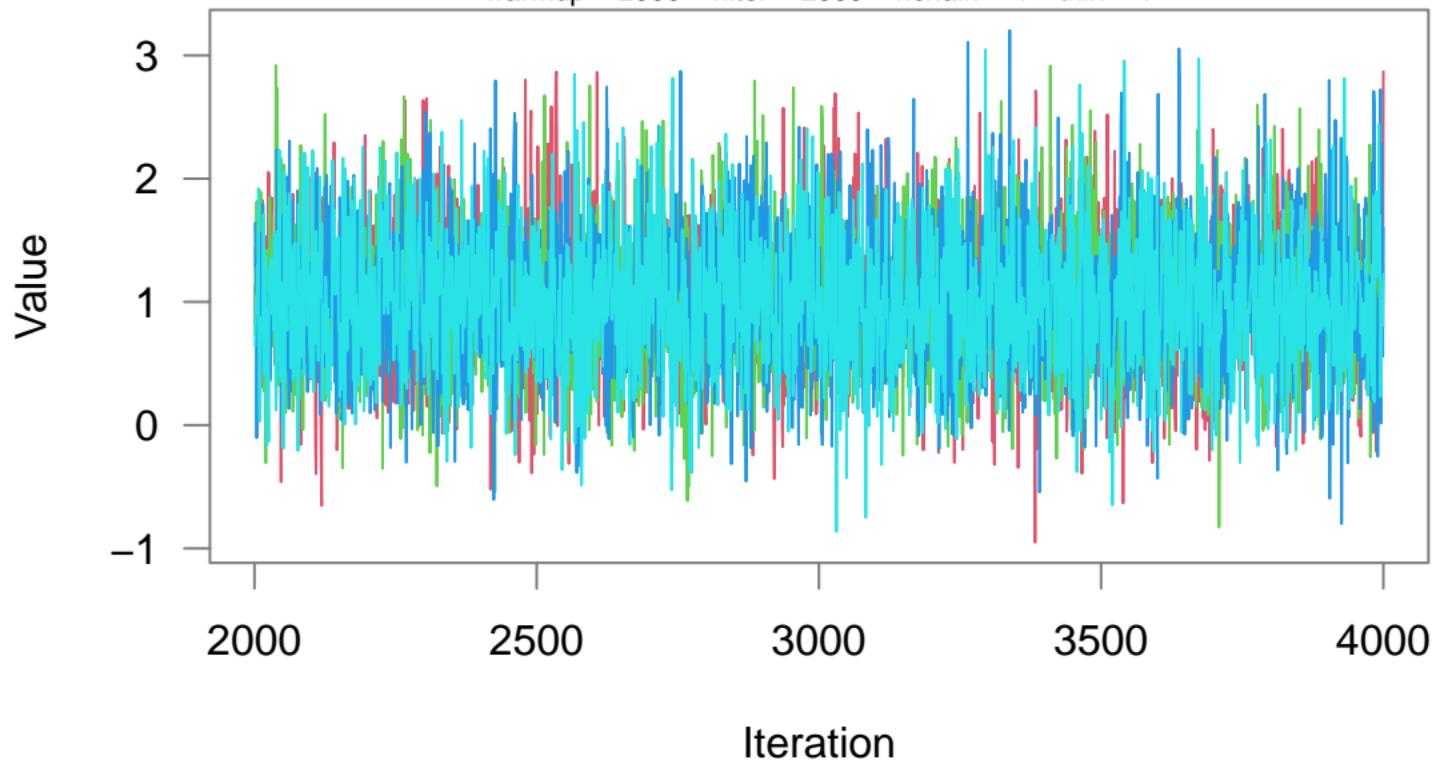
r_bay_fac:site_fac[Baralof_Bar-2,Intercept]

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



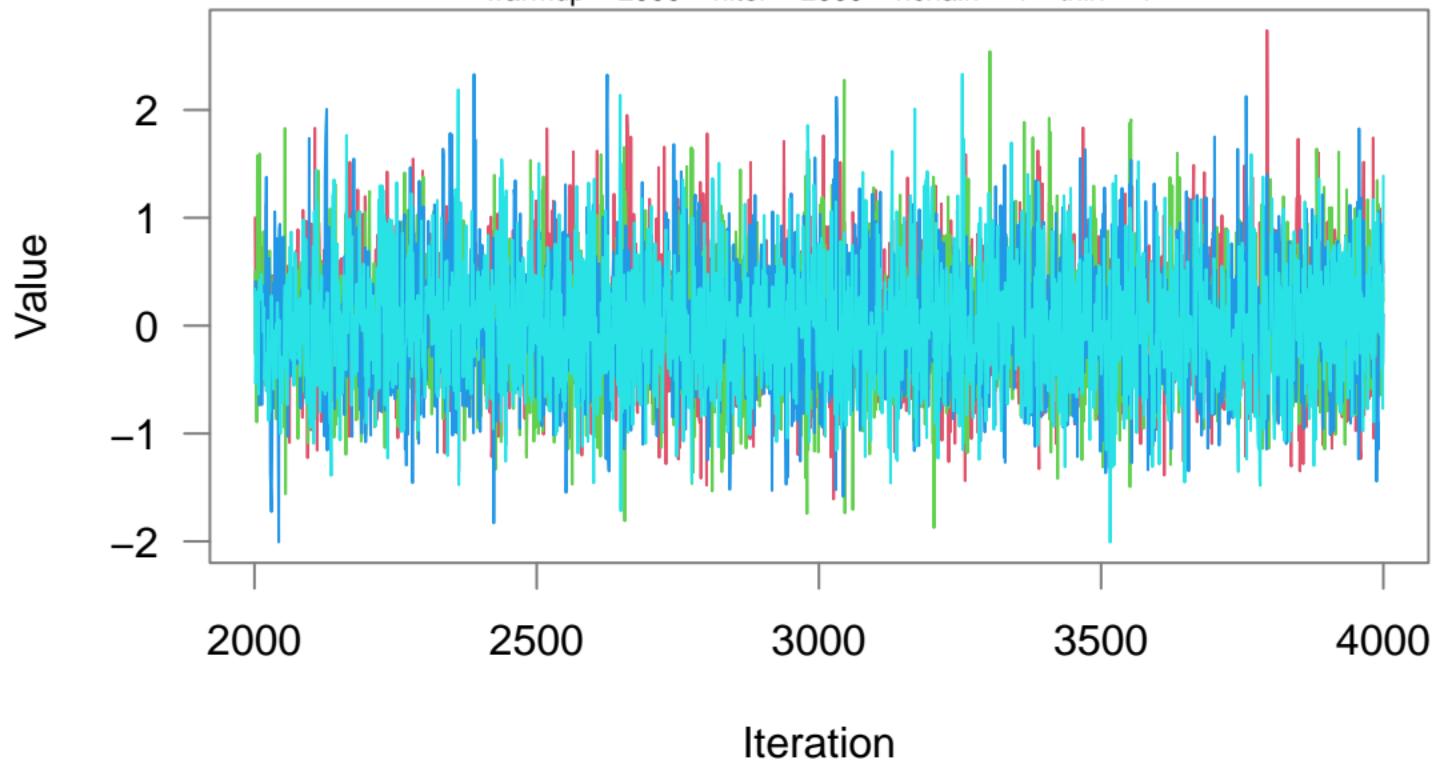
r_bay_fac:site_fac[Baralof_Bar-3,Intercept]

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



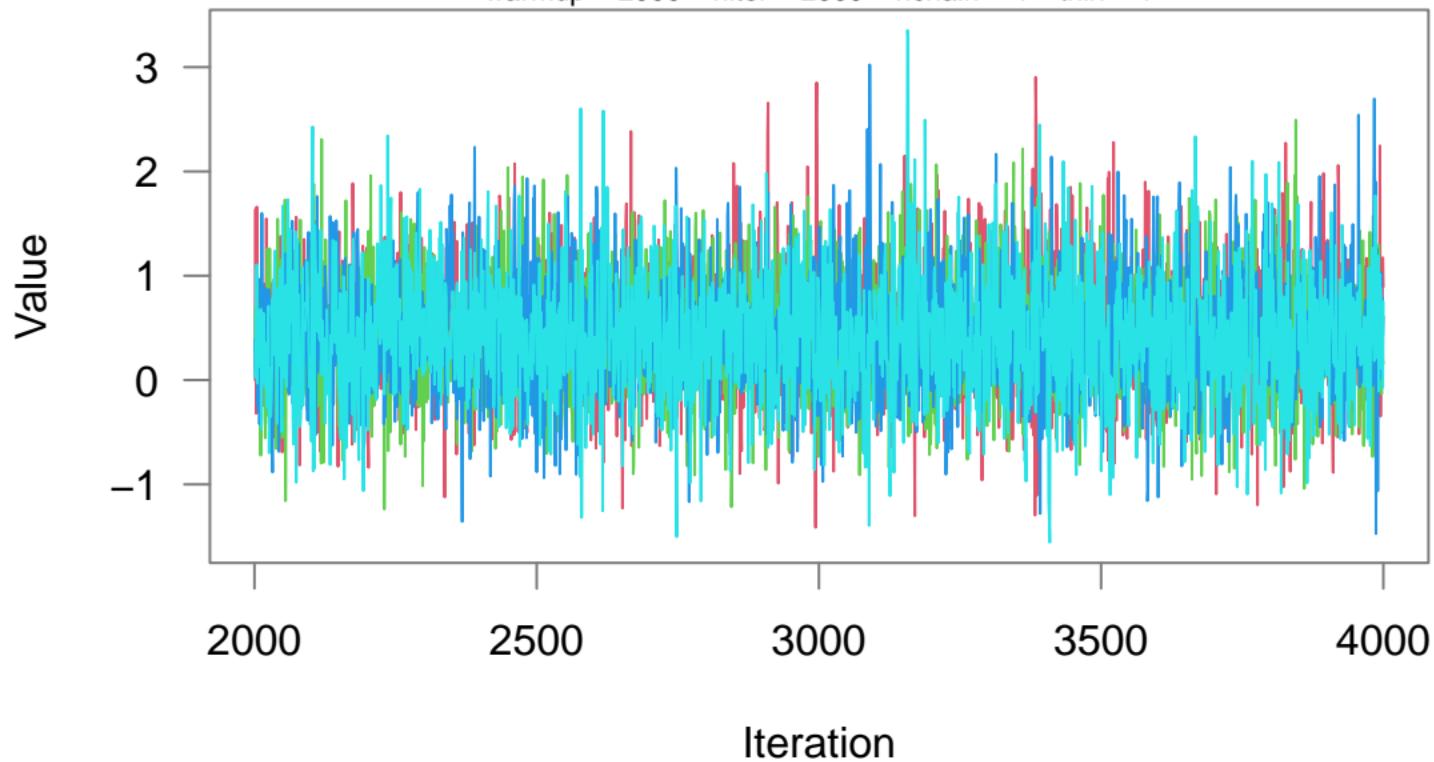
r_bay_fac:site_fac[Baralof_Bar-4,Intercept]

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



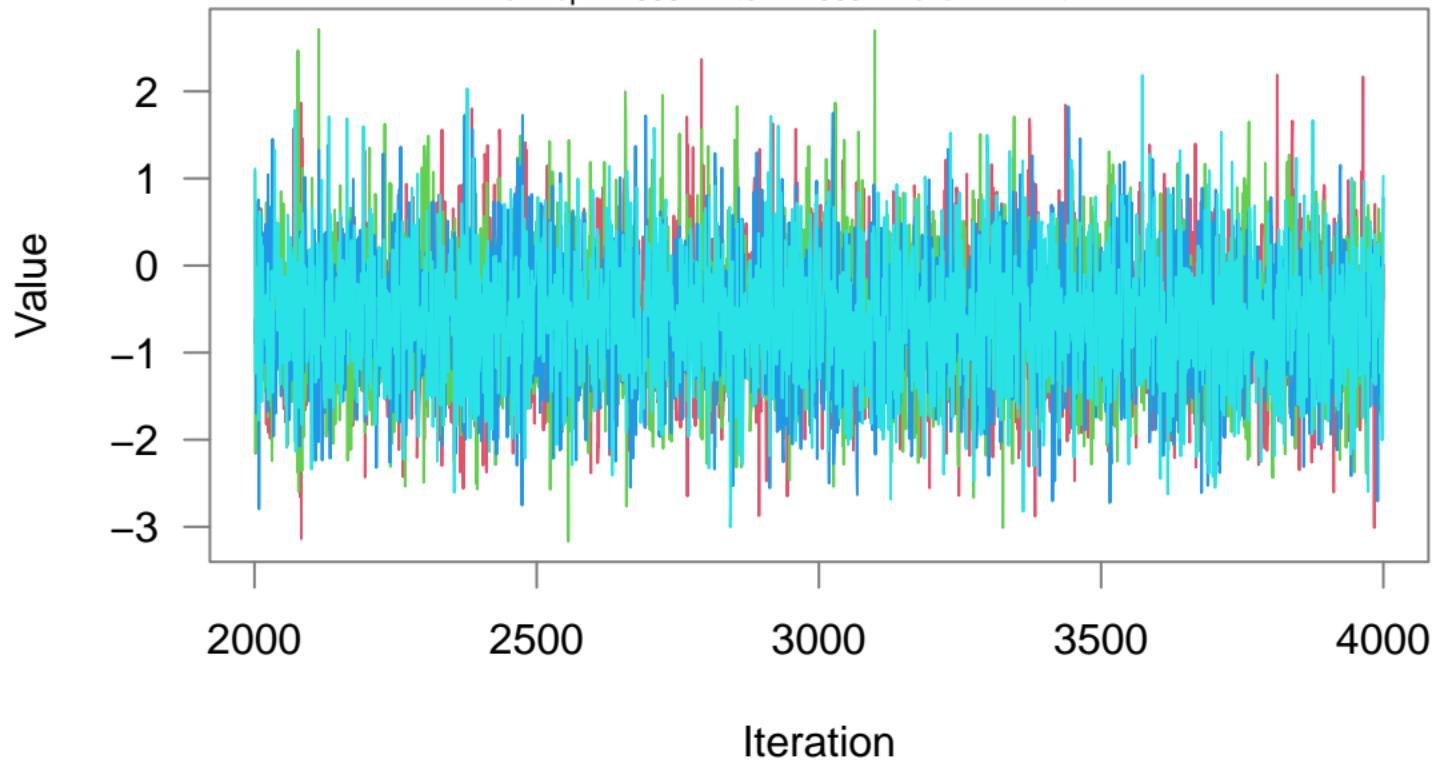
r_bay_fac:site_fac[Baralof_Bar-5,Intercept]

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



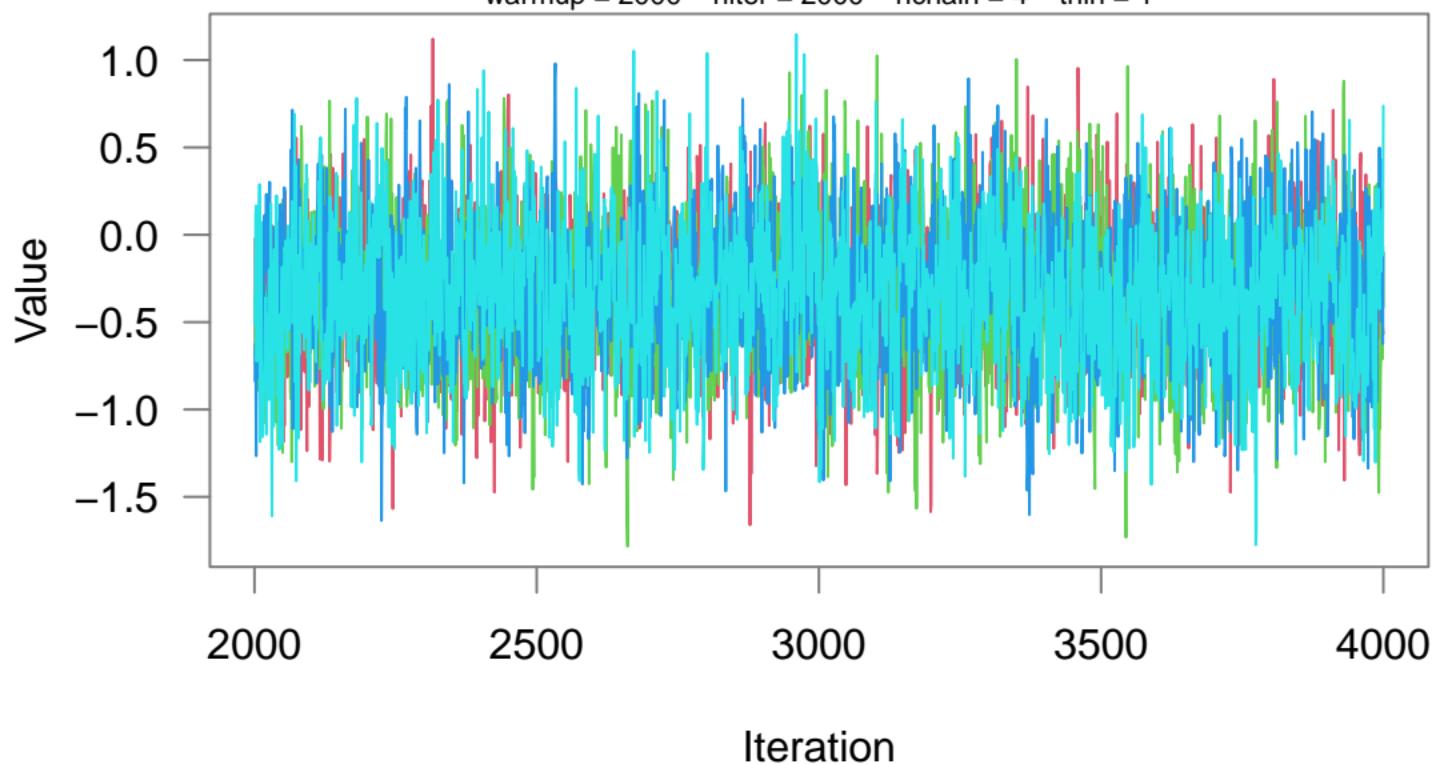
r_bay_fac:site_fac[Baralof_Bar-6,Intercept]

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



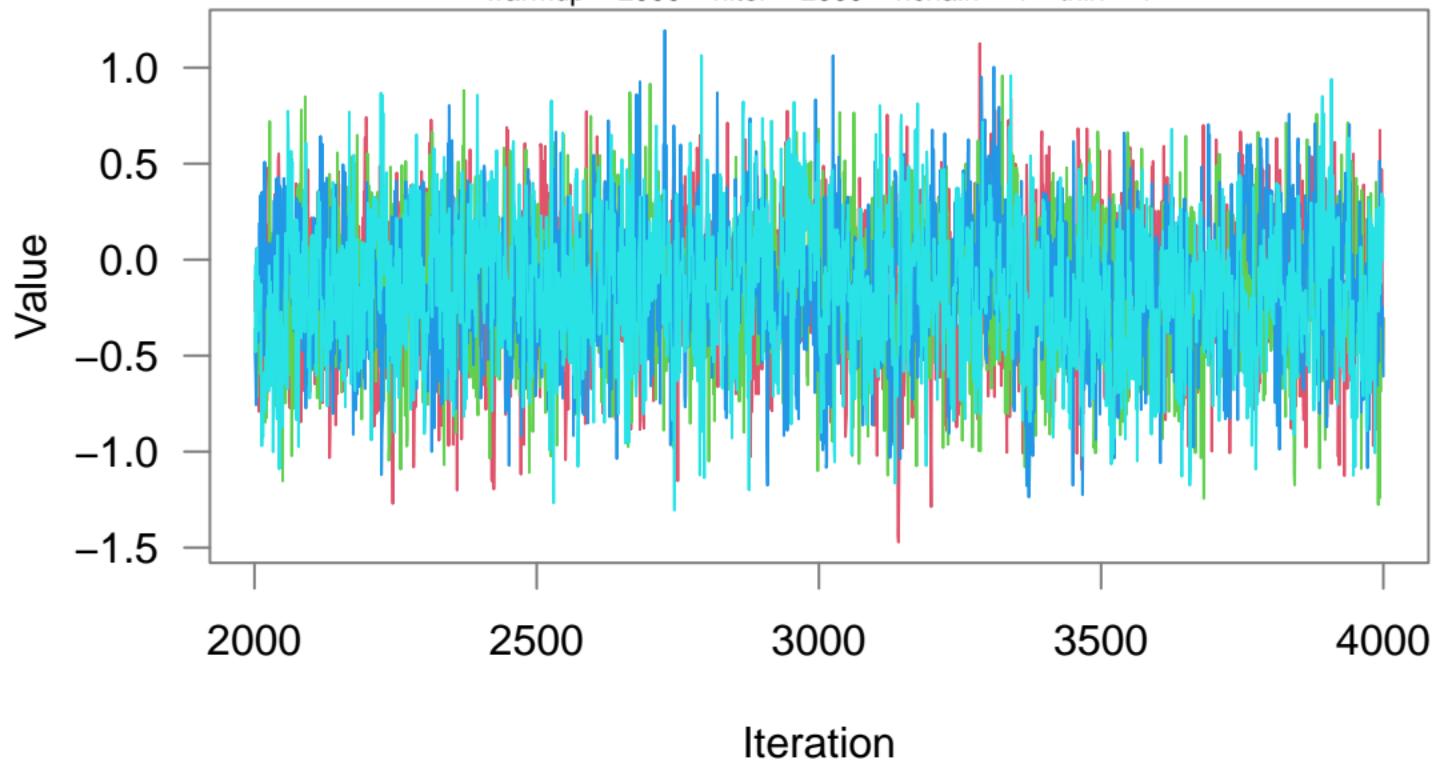
r_bay_fac:site_fac[Cook_Bare.North,Intercept]

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

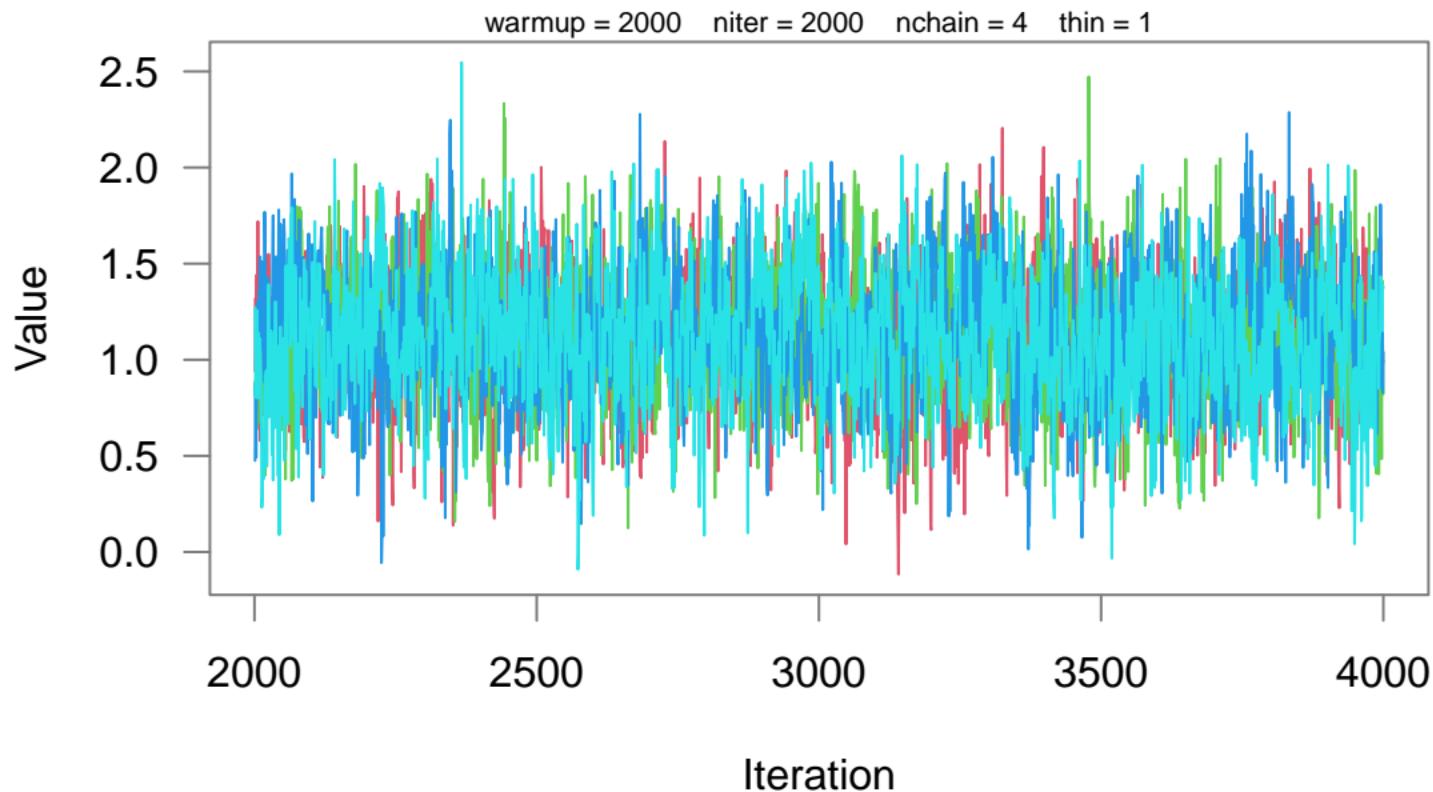


r_bay_fac:site_fac[Cook_Eelgrass.North,Intercept]

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

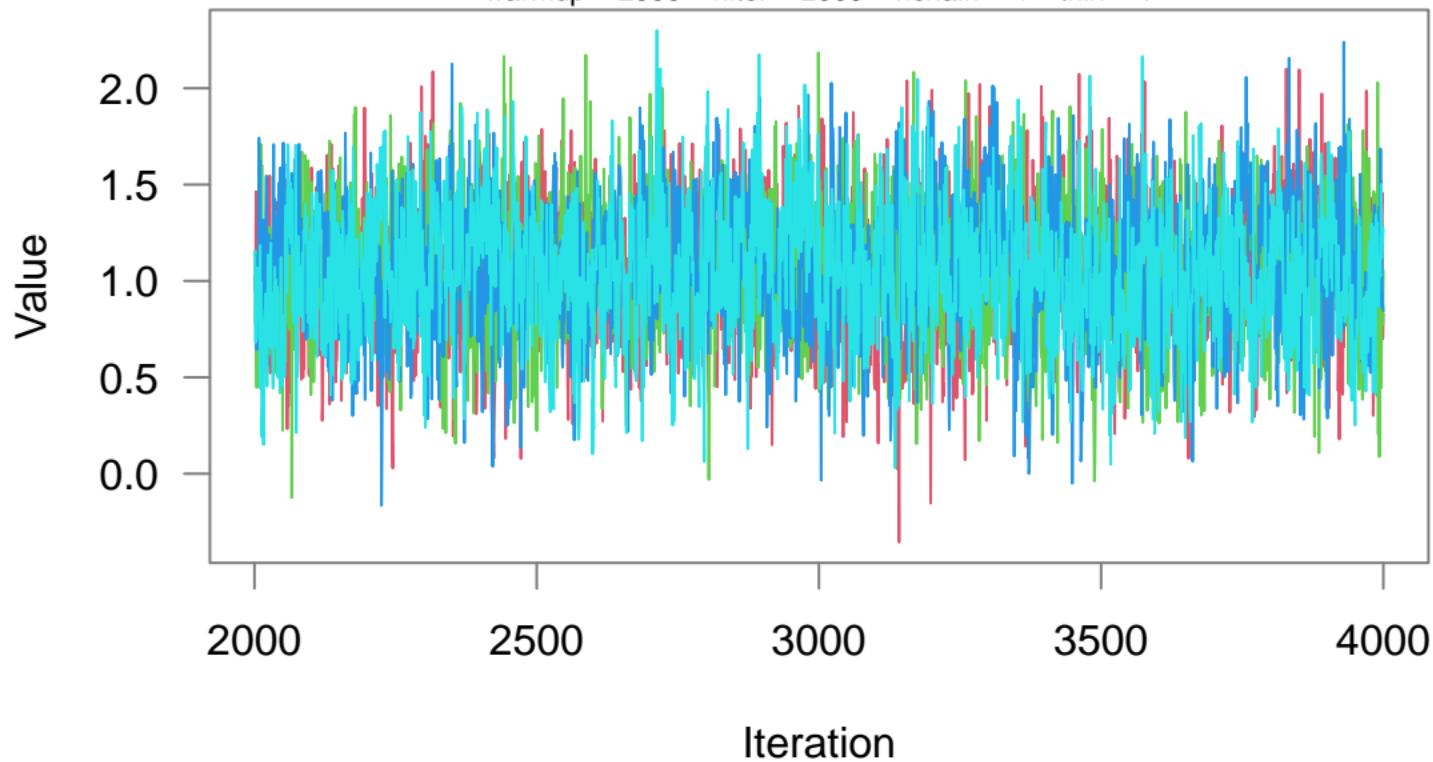


r_bay_fac:site_fac[Cook_Eelgrass.South,Intercept]



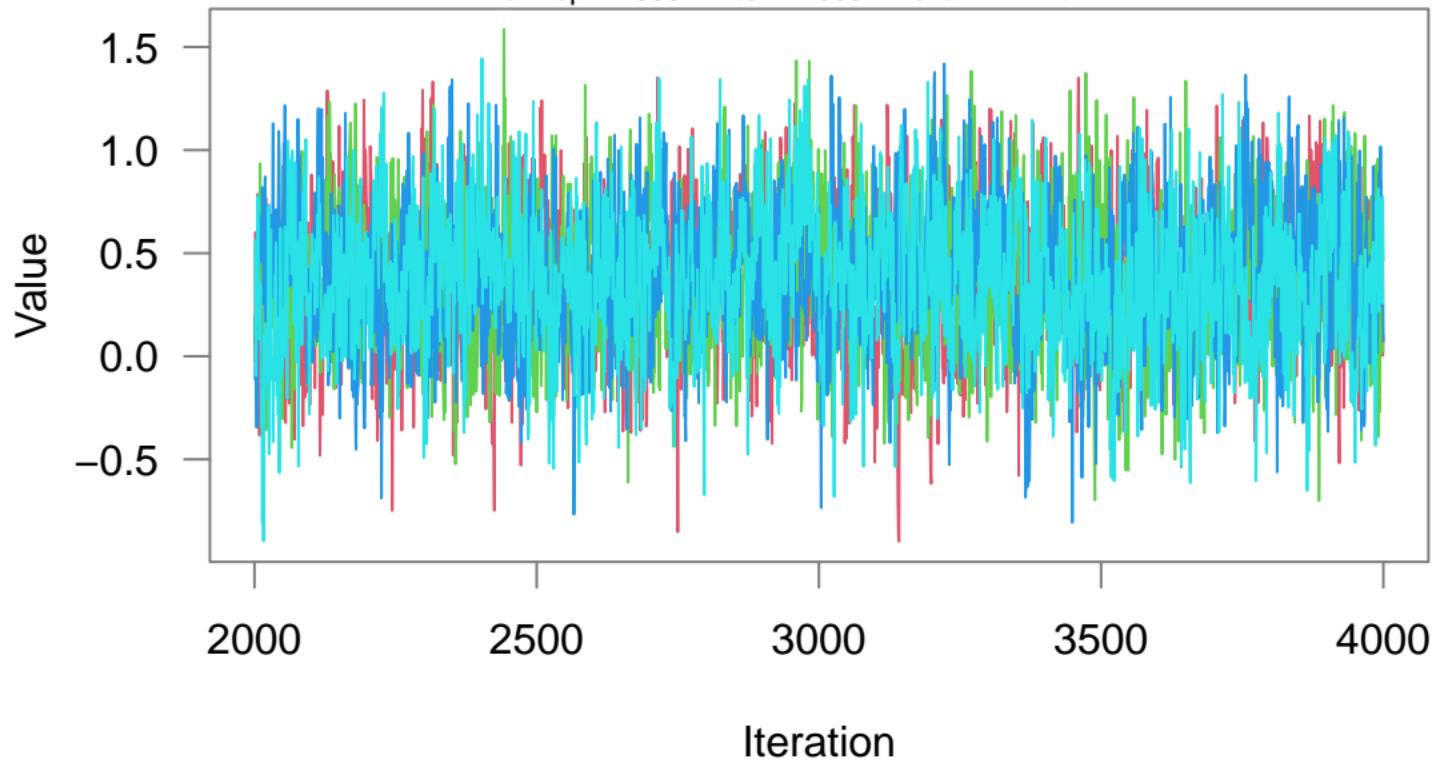
r_bay_fac:site_fac[Cook_Eelgrass.West,Intercept]

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



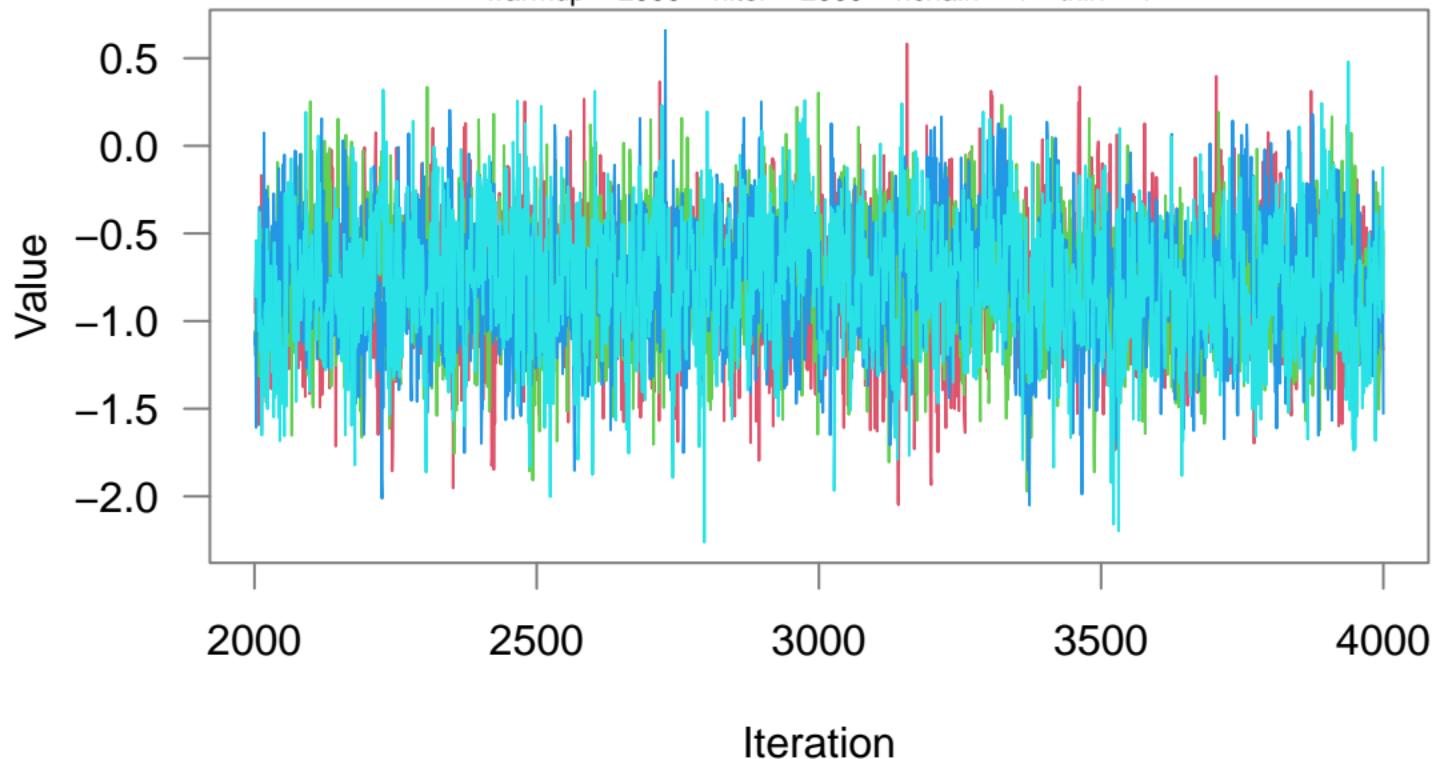
r_bay_fac:site_fac[Cook_Laminaria.East,Intercept]

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

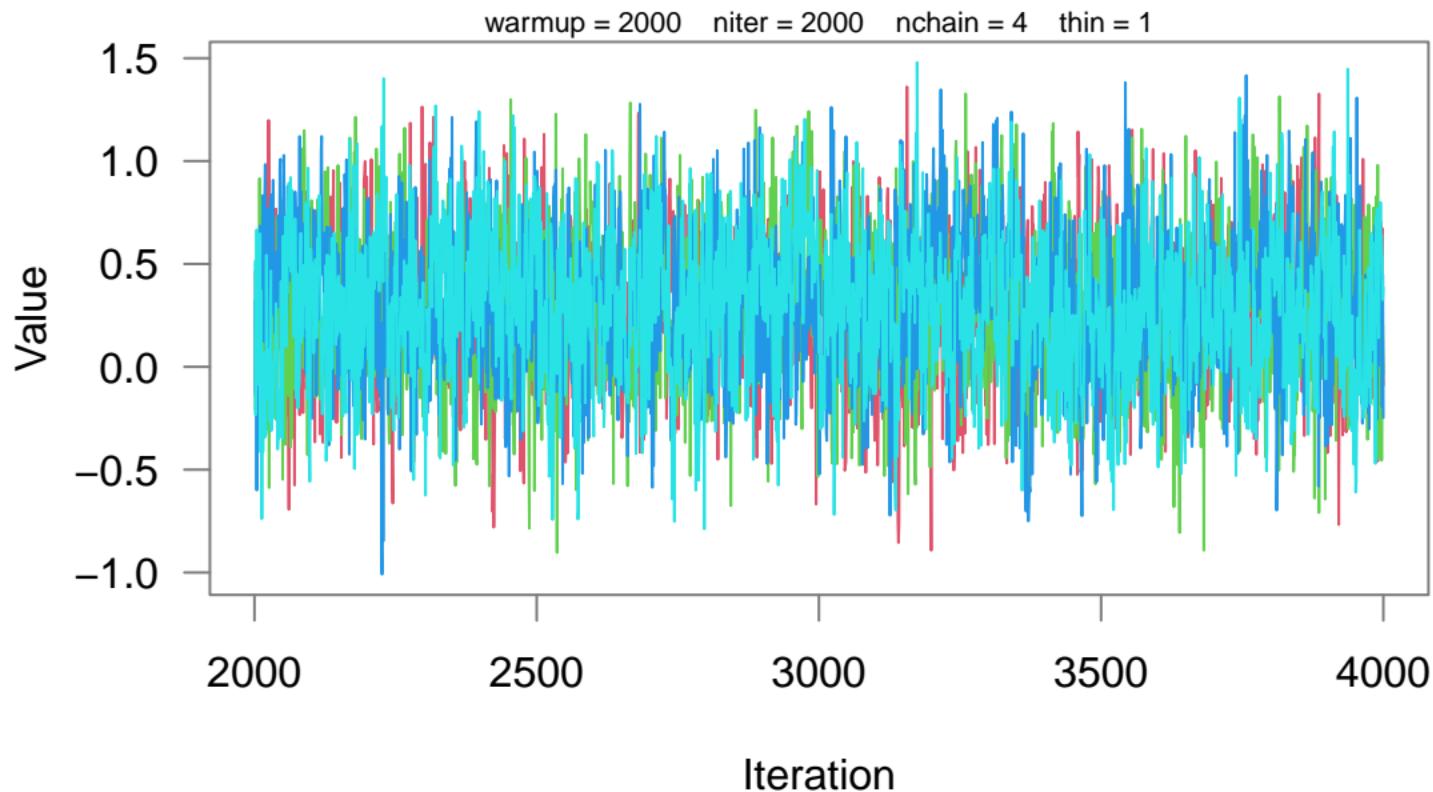


r_bay_fac:site_fac[Cook_Laminaria.North,Intercept]

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

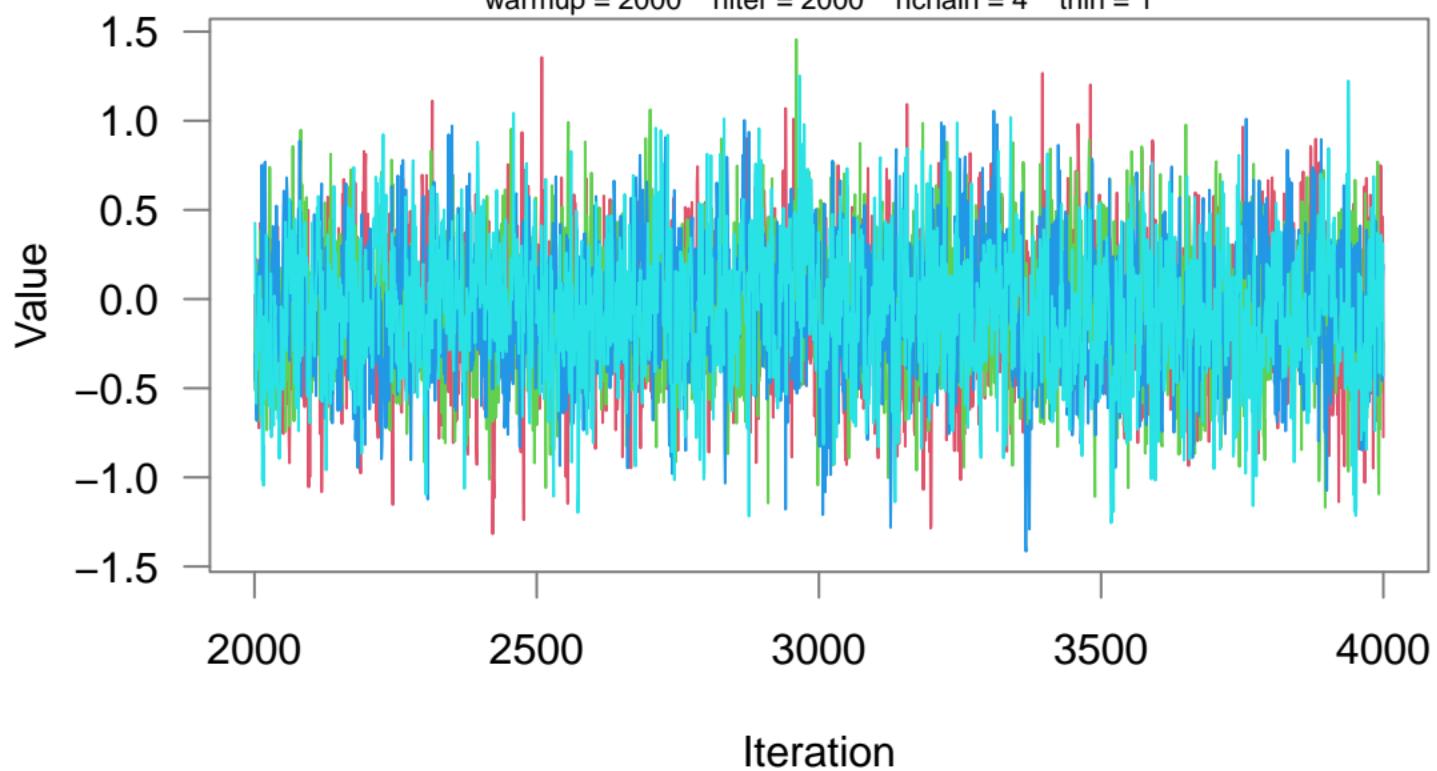


r_bay_fac:site_fac[Cook_Laminaria.South,Intercept]



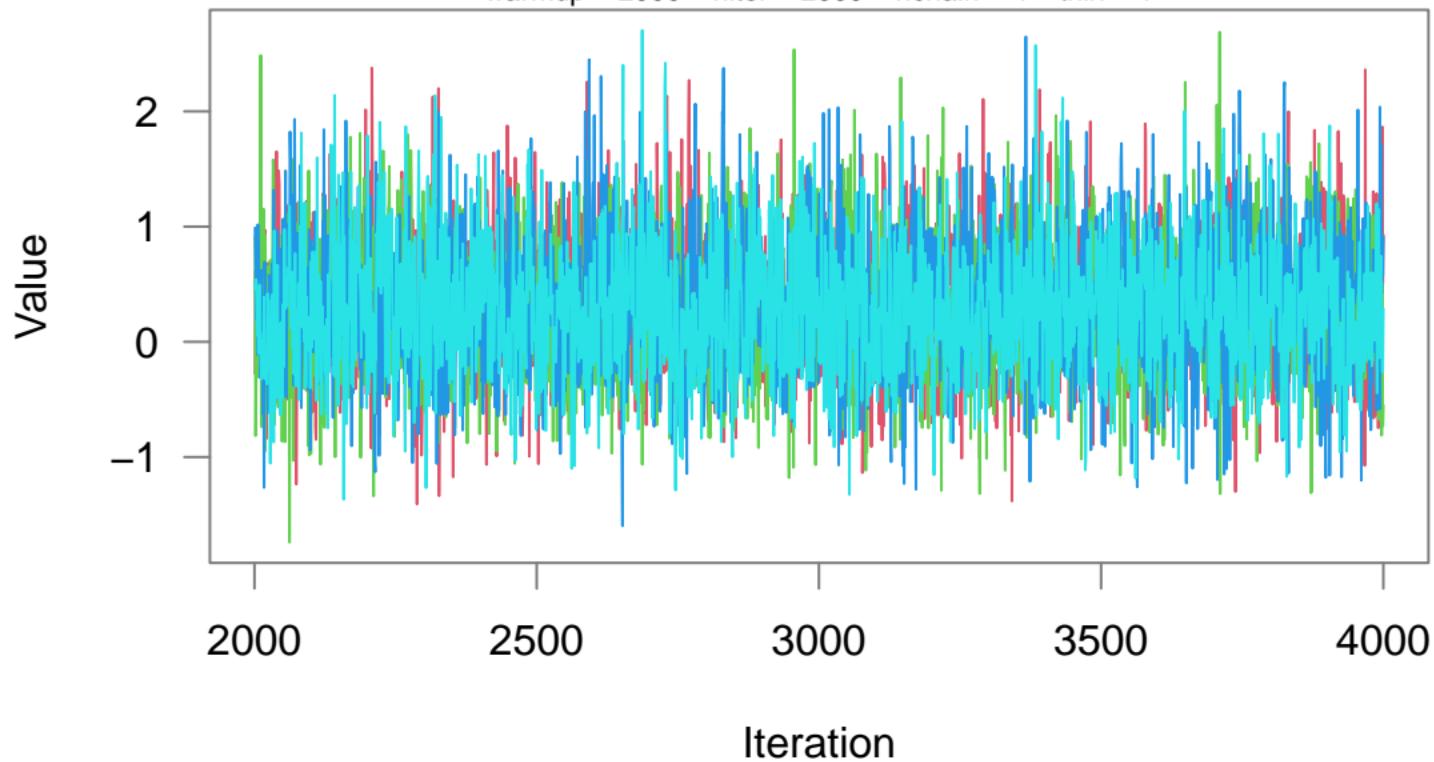
r_bay_fac:site_fac[Cook_Middle.Cove,Intercept]

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



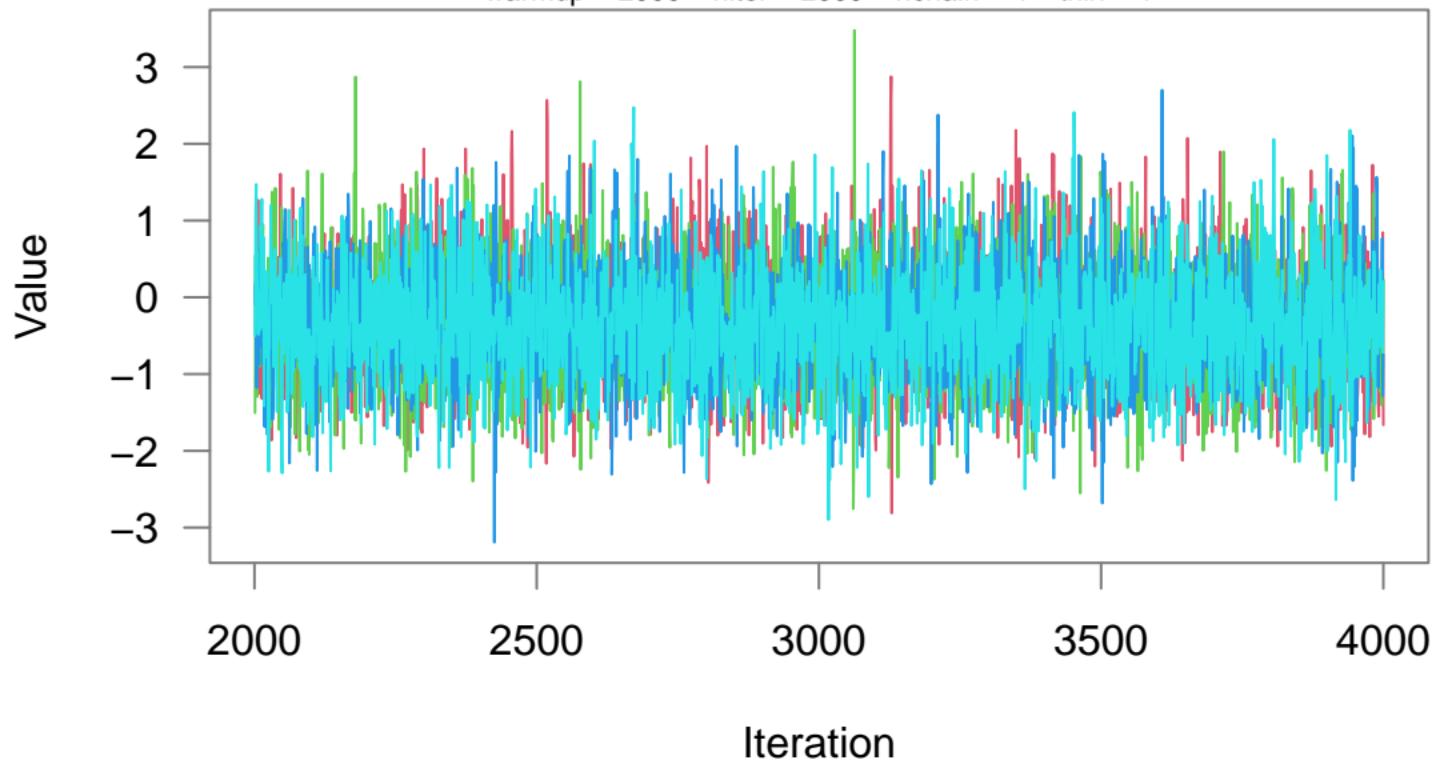
r_bay_fac:site_fac[Falmouth_Fal-1,Intercept]

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



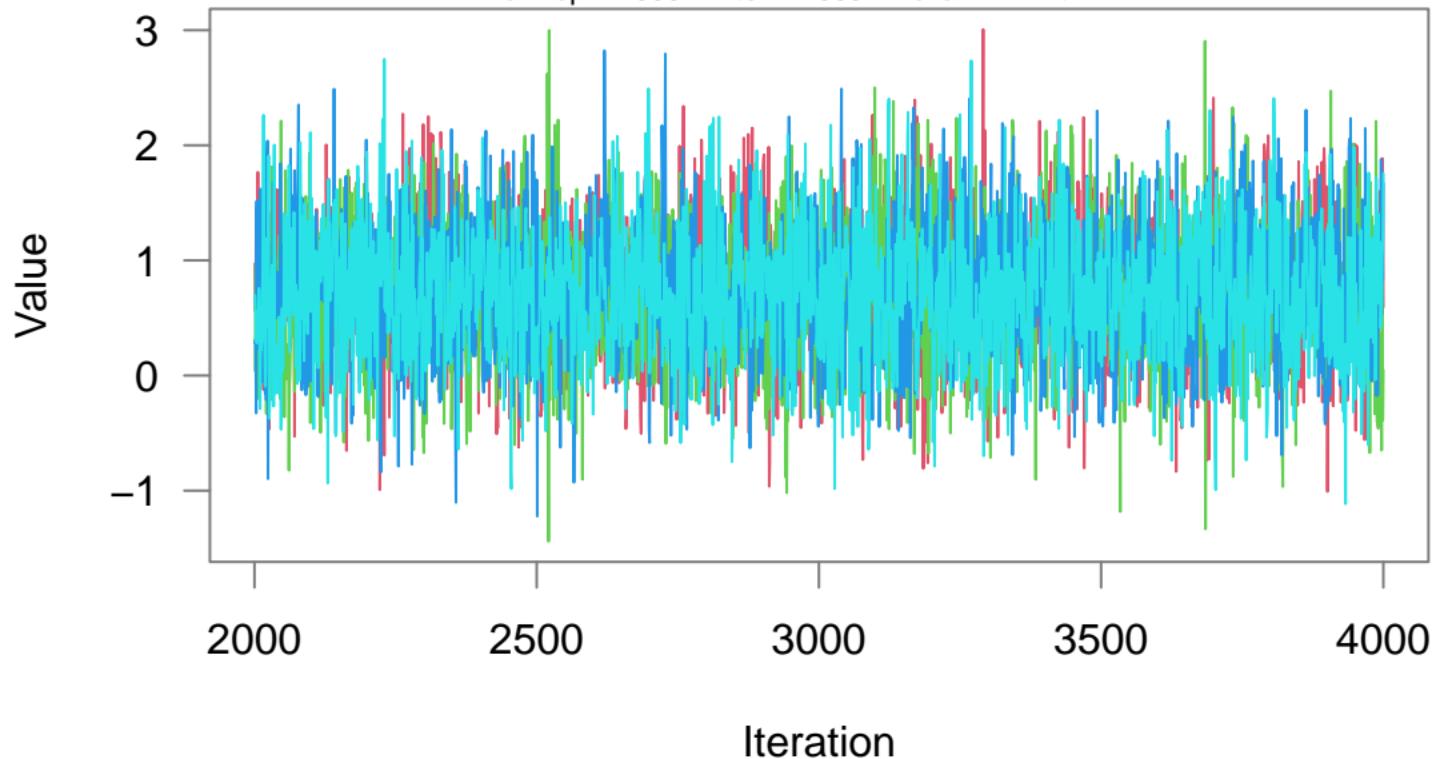
r_bay_fac:site_fac[Falmouth_Fal-2,Intercept]

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



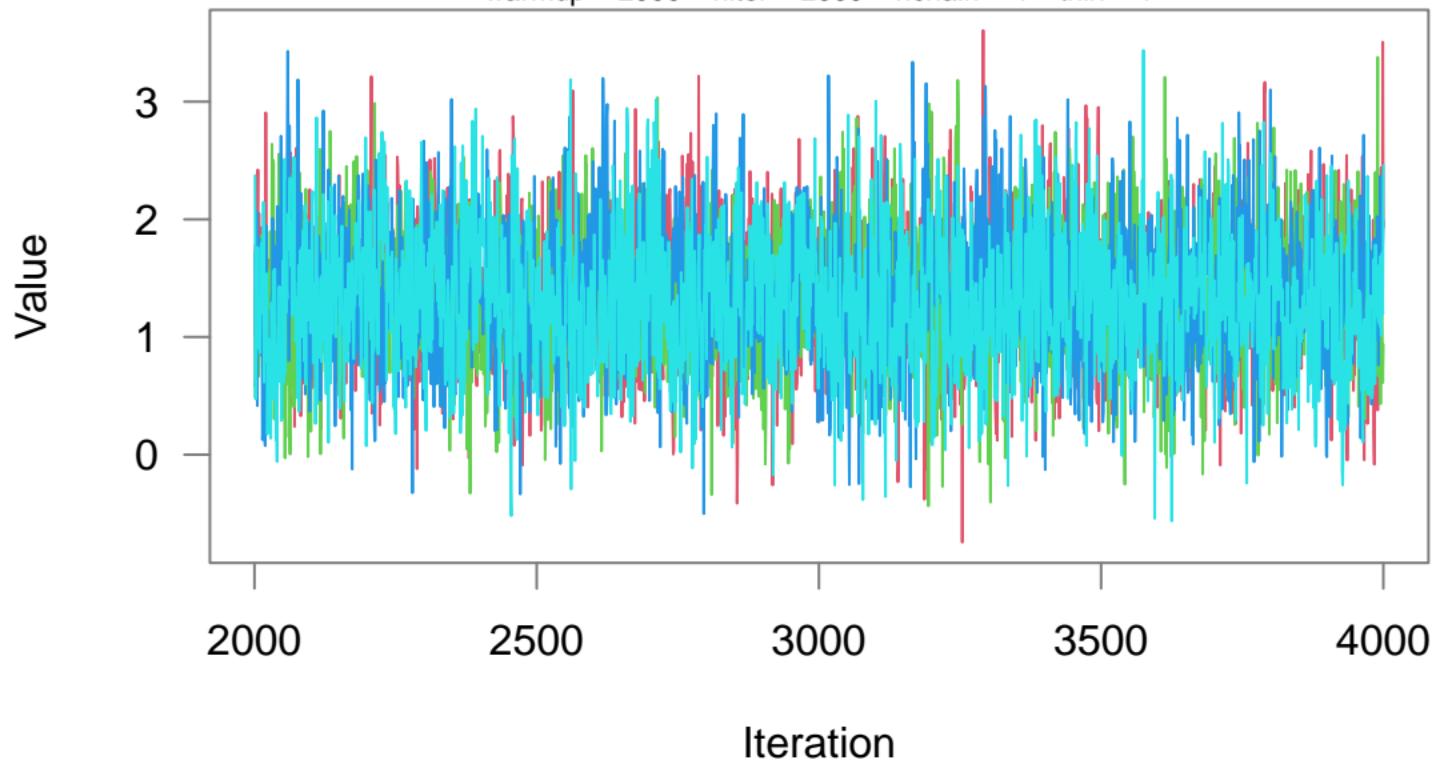
r_bay_fac:site_fac[Falmouth_Fal-3,Intercept]

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



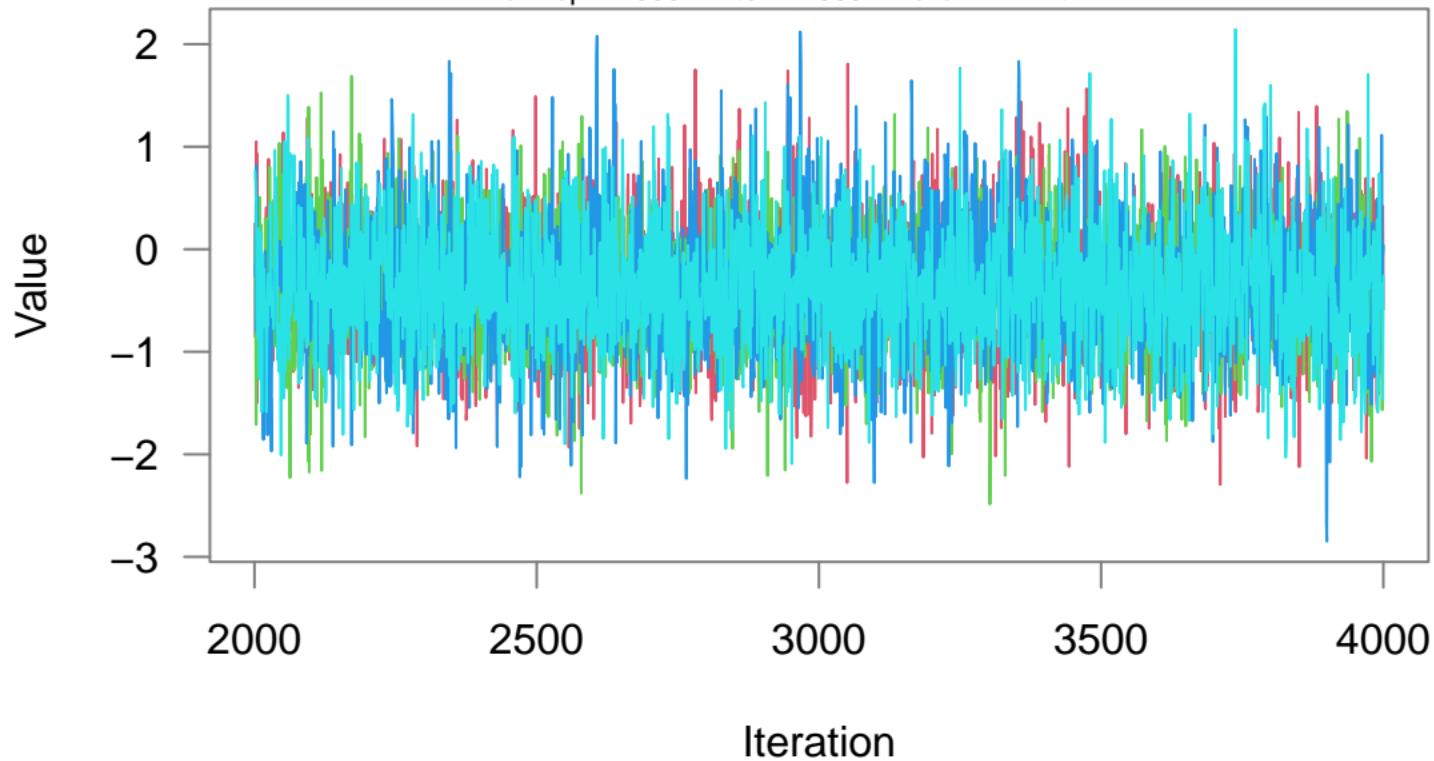
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warmup = 2000 niter = 2000 nchain = 4 thin = 1

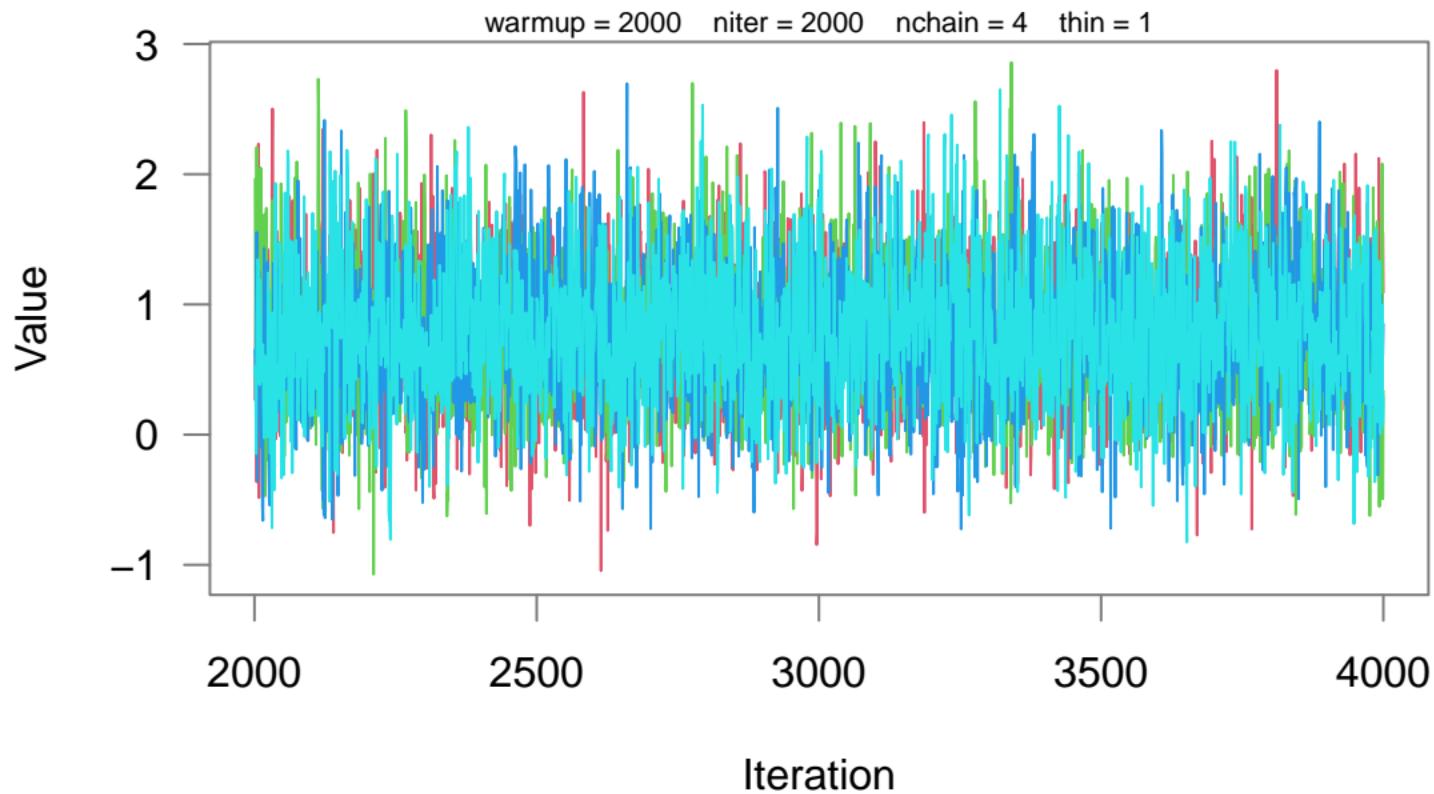


r_bay_fac:site_fac[Falmouth_Fal-5,Intercept]

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

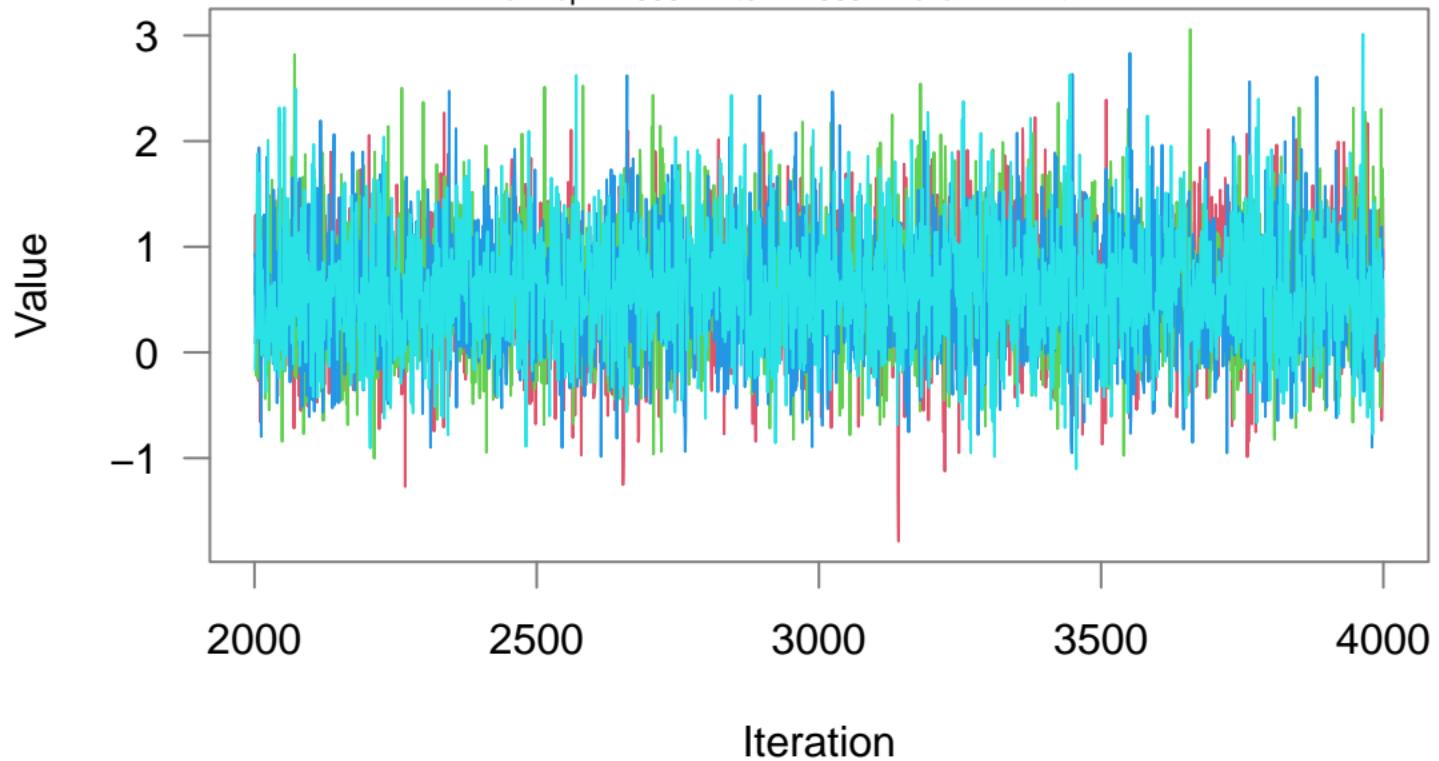


r_bay_fac:site_fac[Fox_Fox-1,Intercept]



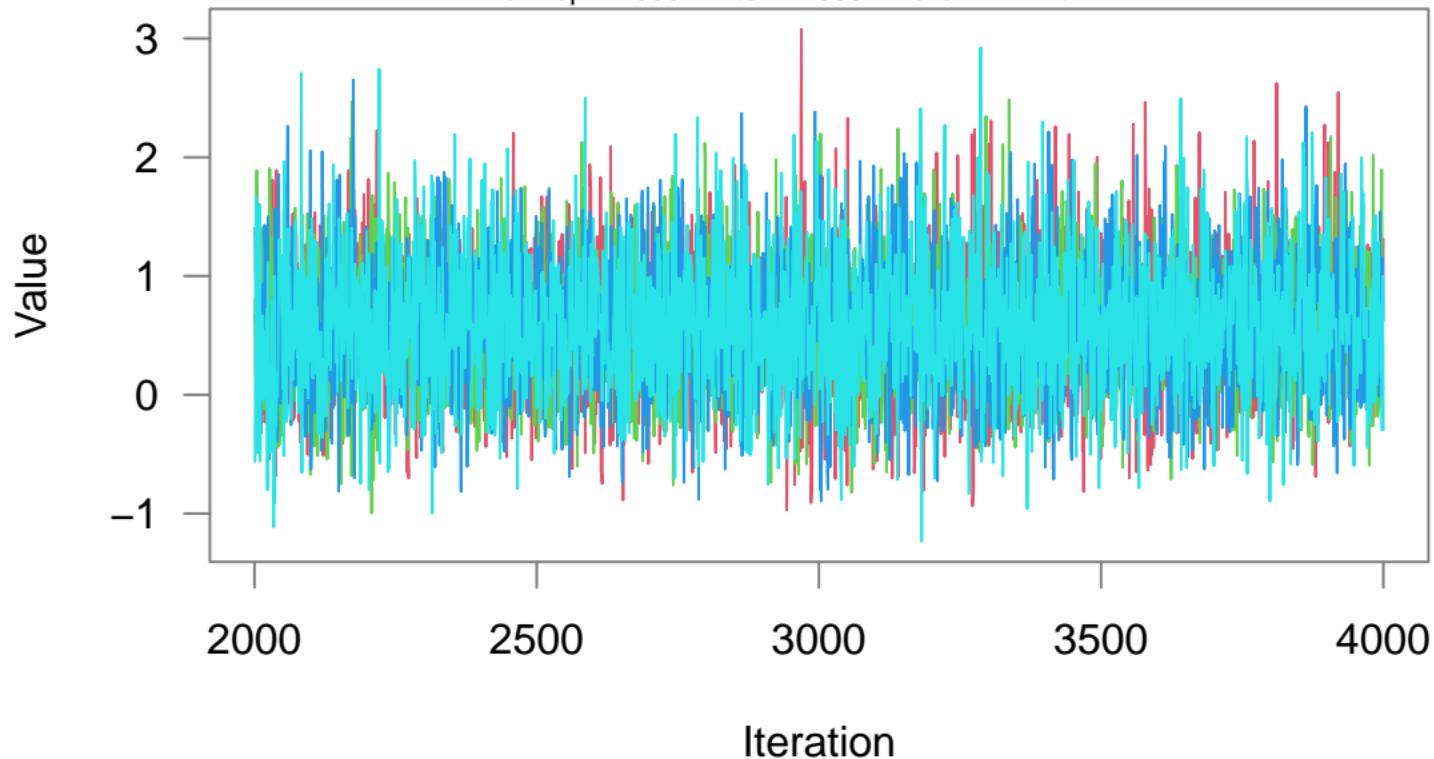
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



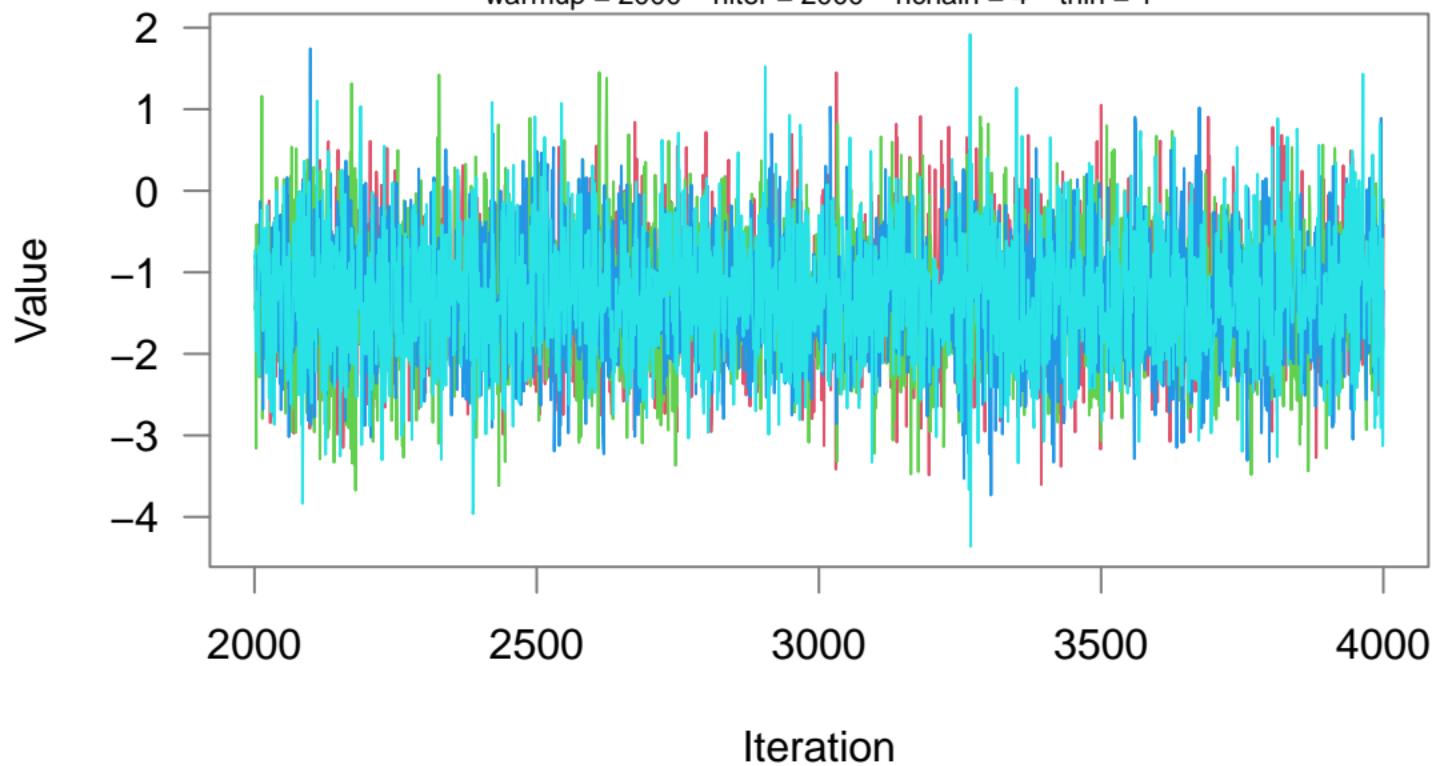
r_bay_fac:site_fac[Fox_Fox-3,Intercept]

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



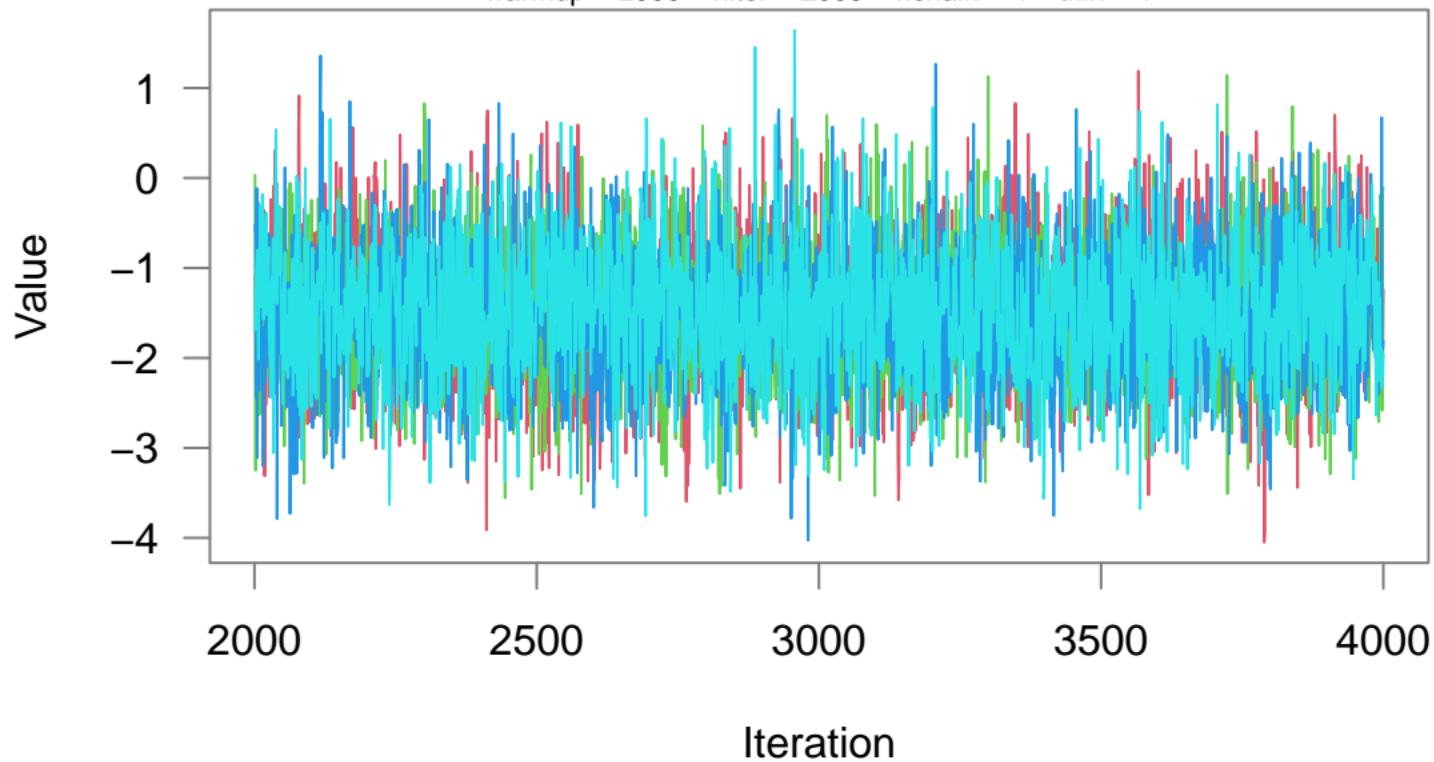
r_bay_fac:site_fac[Fox_Fox-4,Intercept]

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



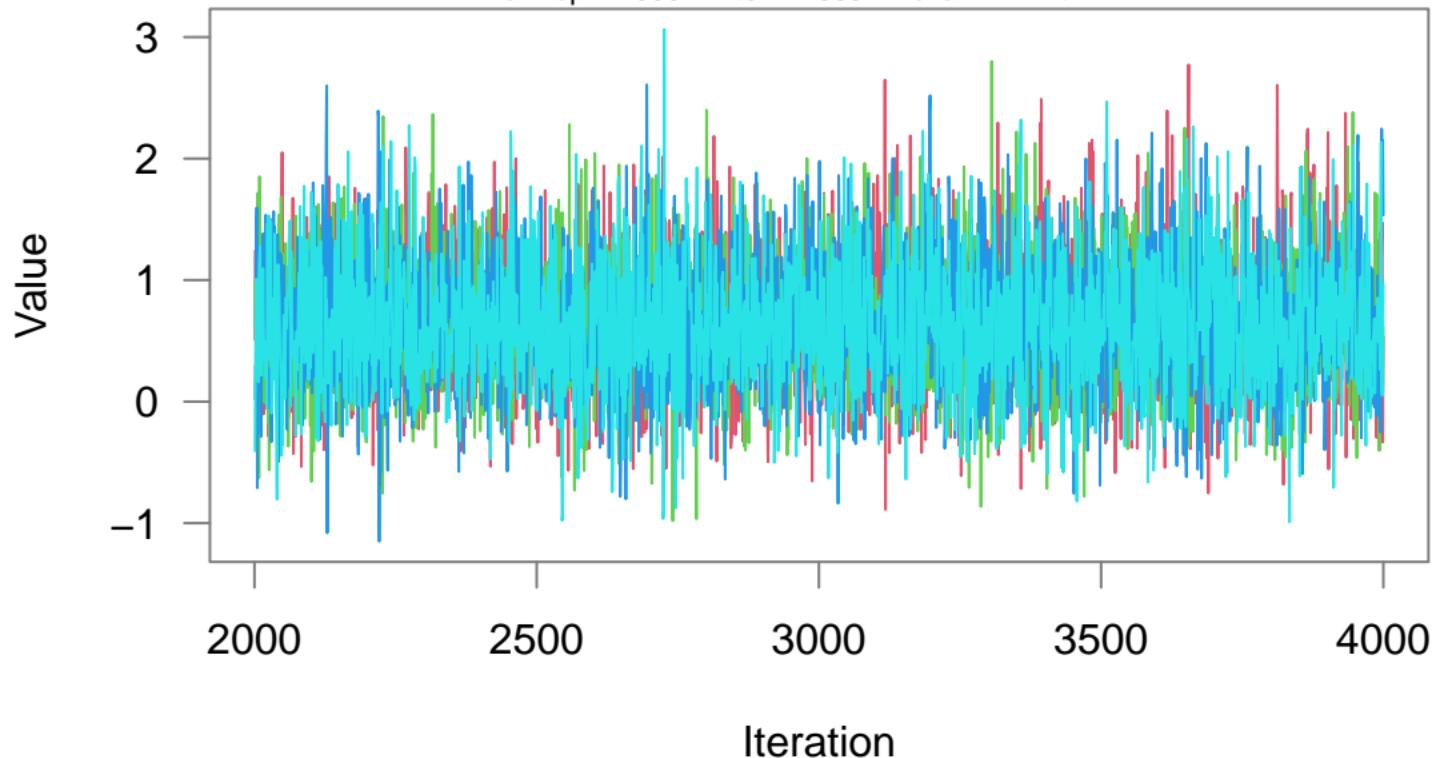
r_bay_fac:site_fac[Fox_Fox-5,Intercept]

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



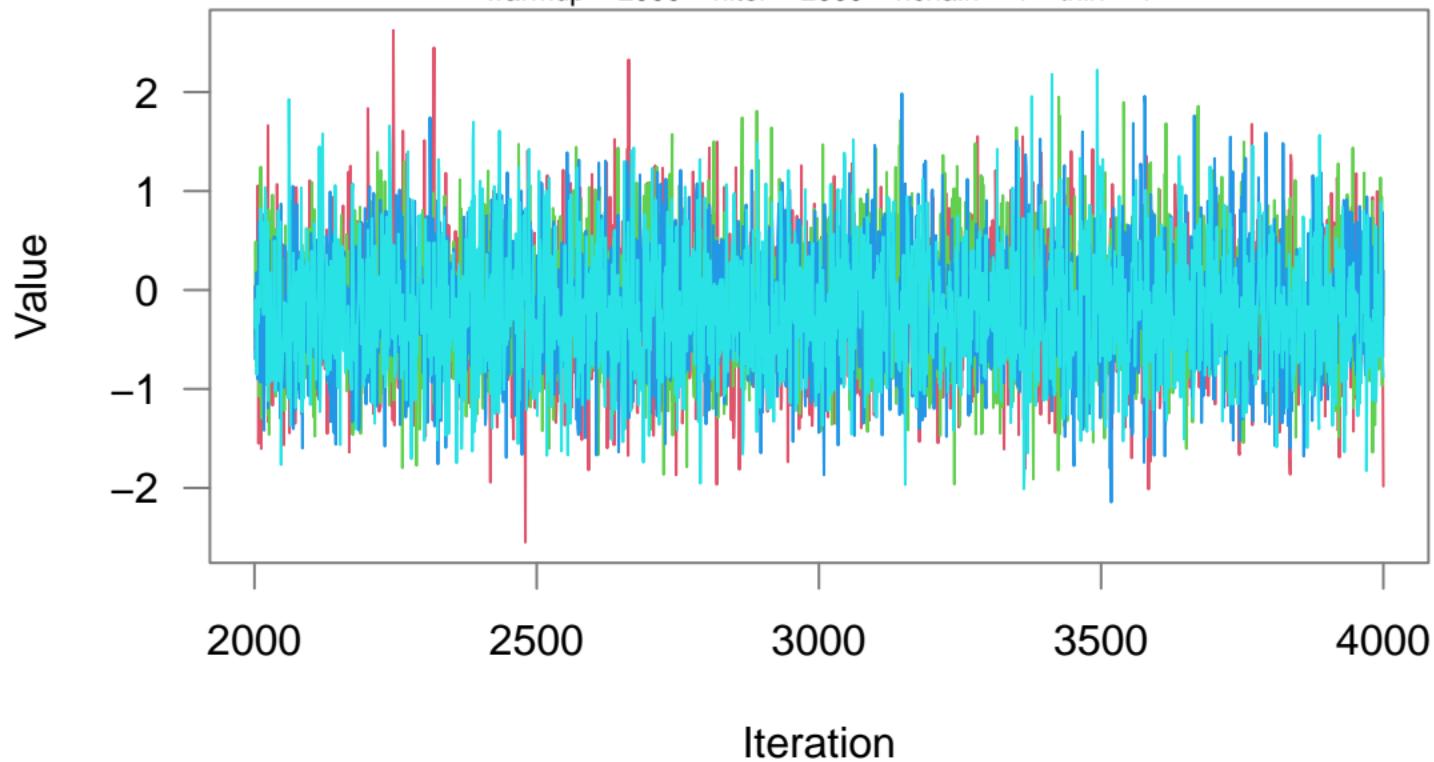
r_bay_fac:site_fac[Japanese_Jap-1,Intercept]

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



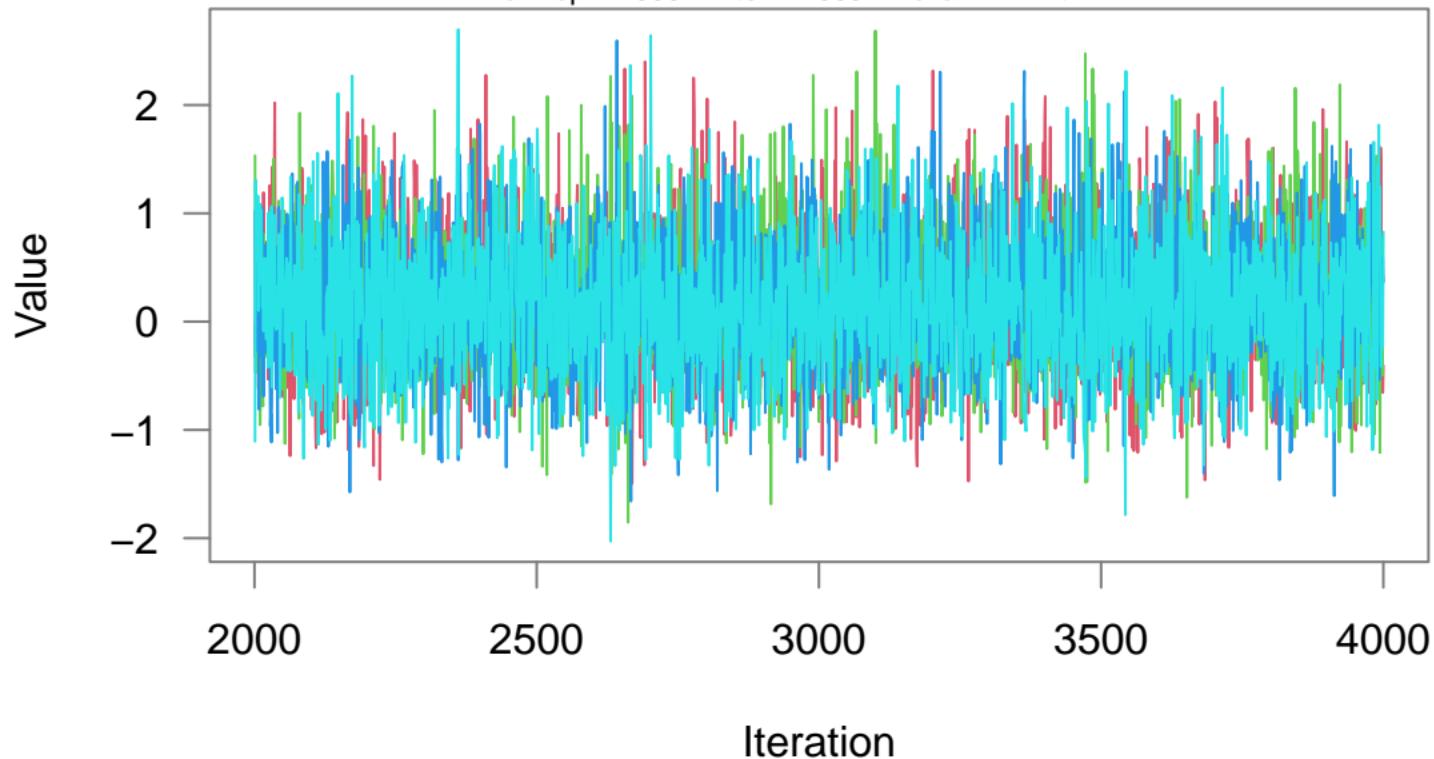
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



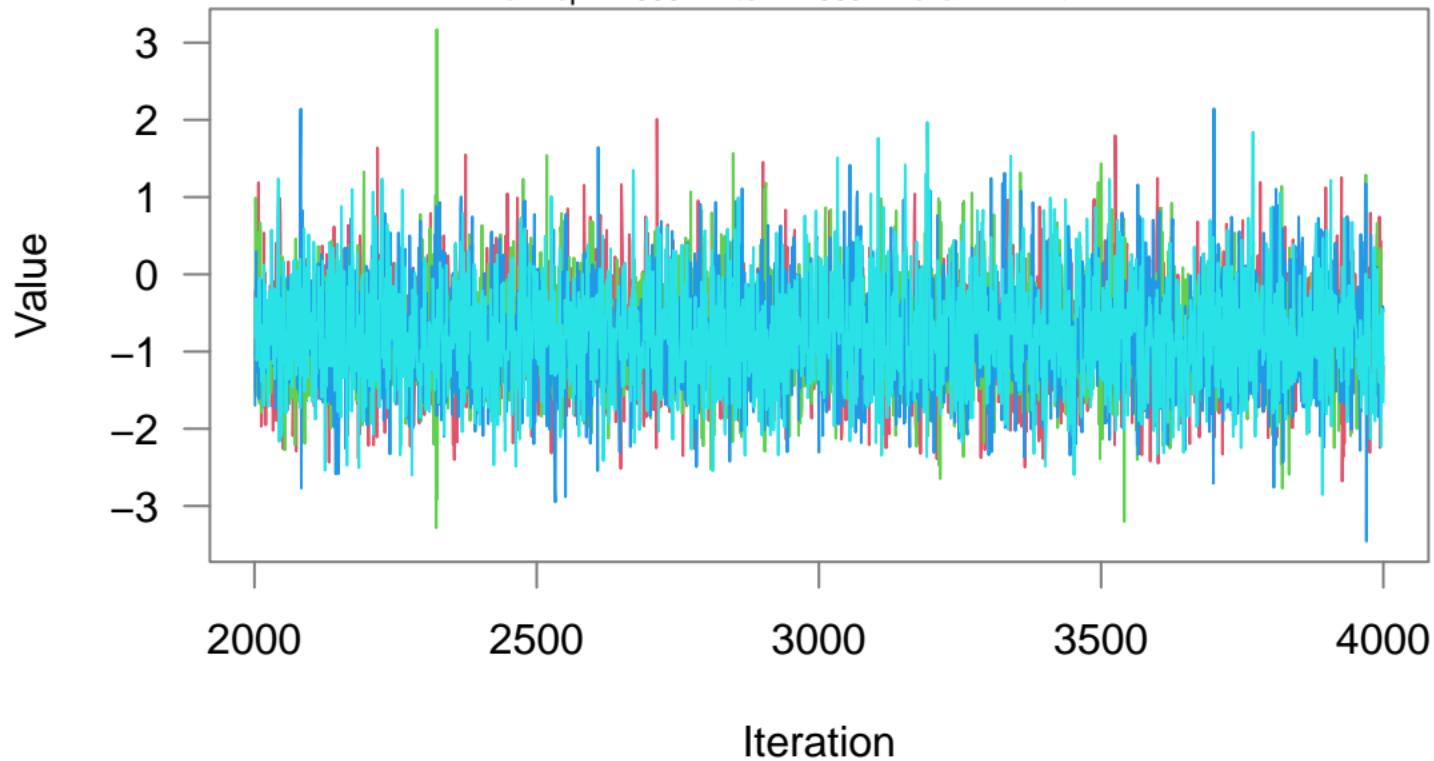
r_bay_fac:site_fac[Japanese_Jap-3,Intercept]

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



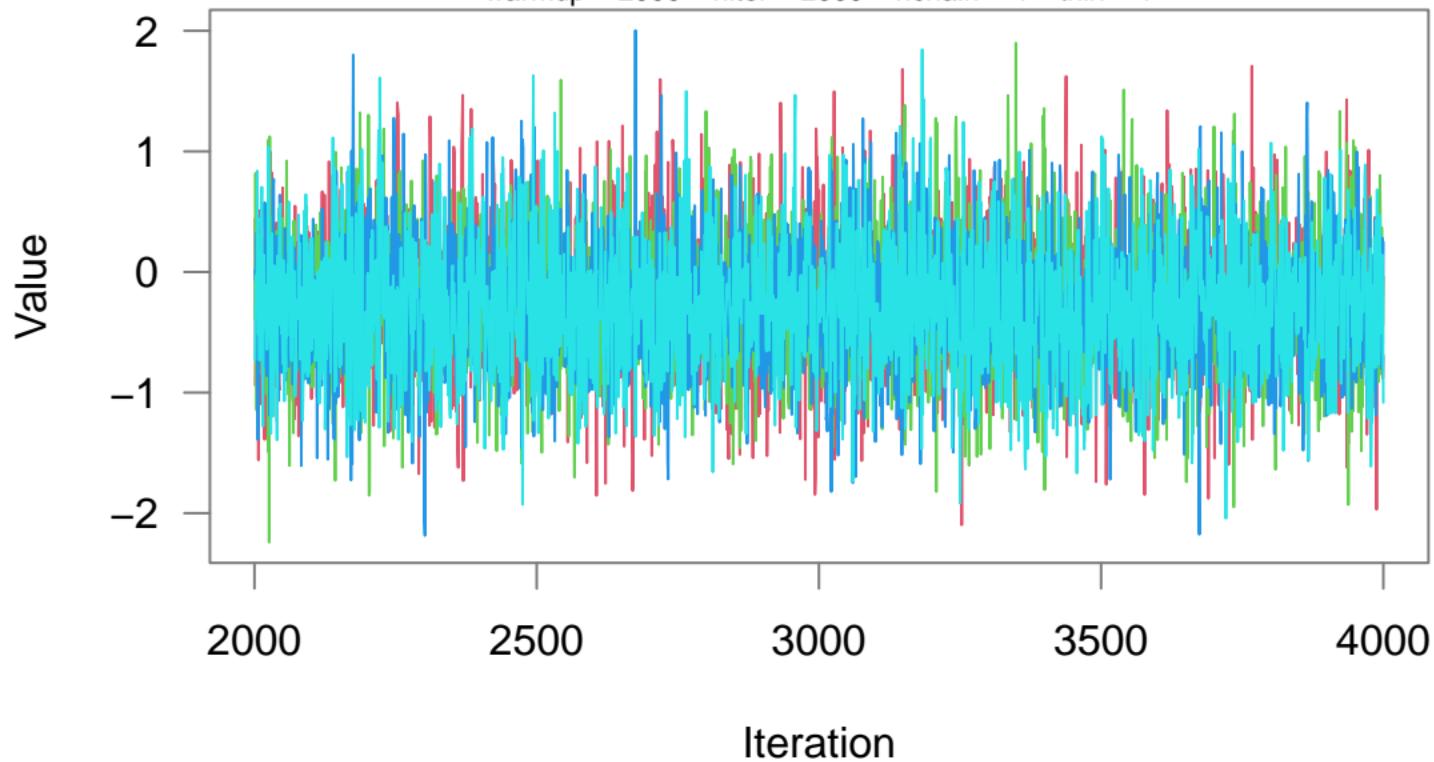
r_bay_fac:site_fac[Japanese_Jap-4,Intercept]

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



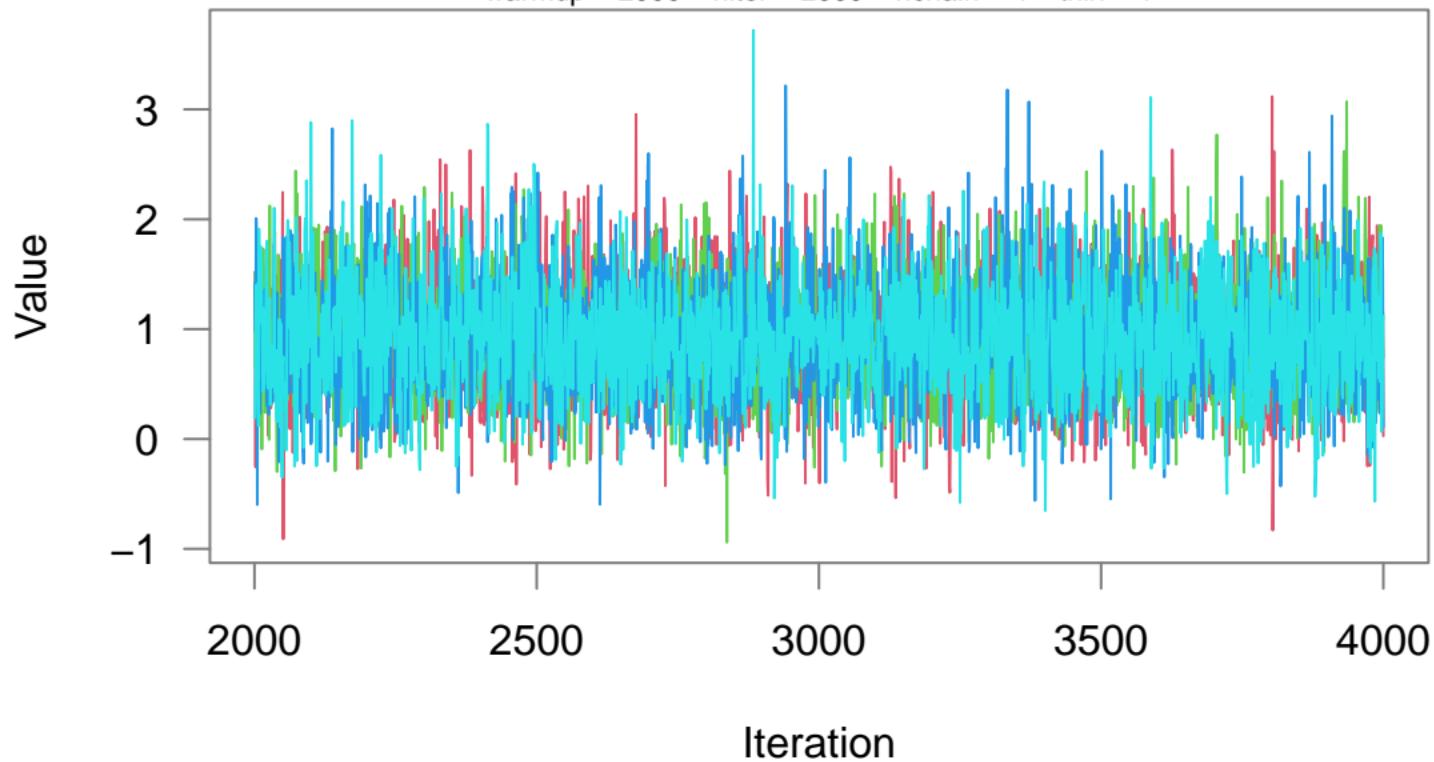
r_bay_fac:site_fac[Japanese_Jap-5,Intercept]

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



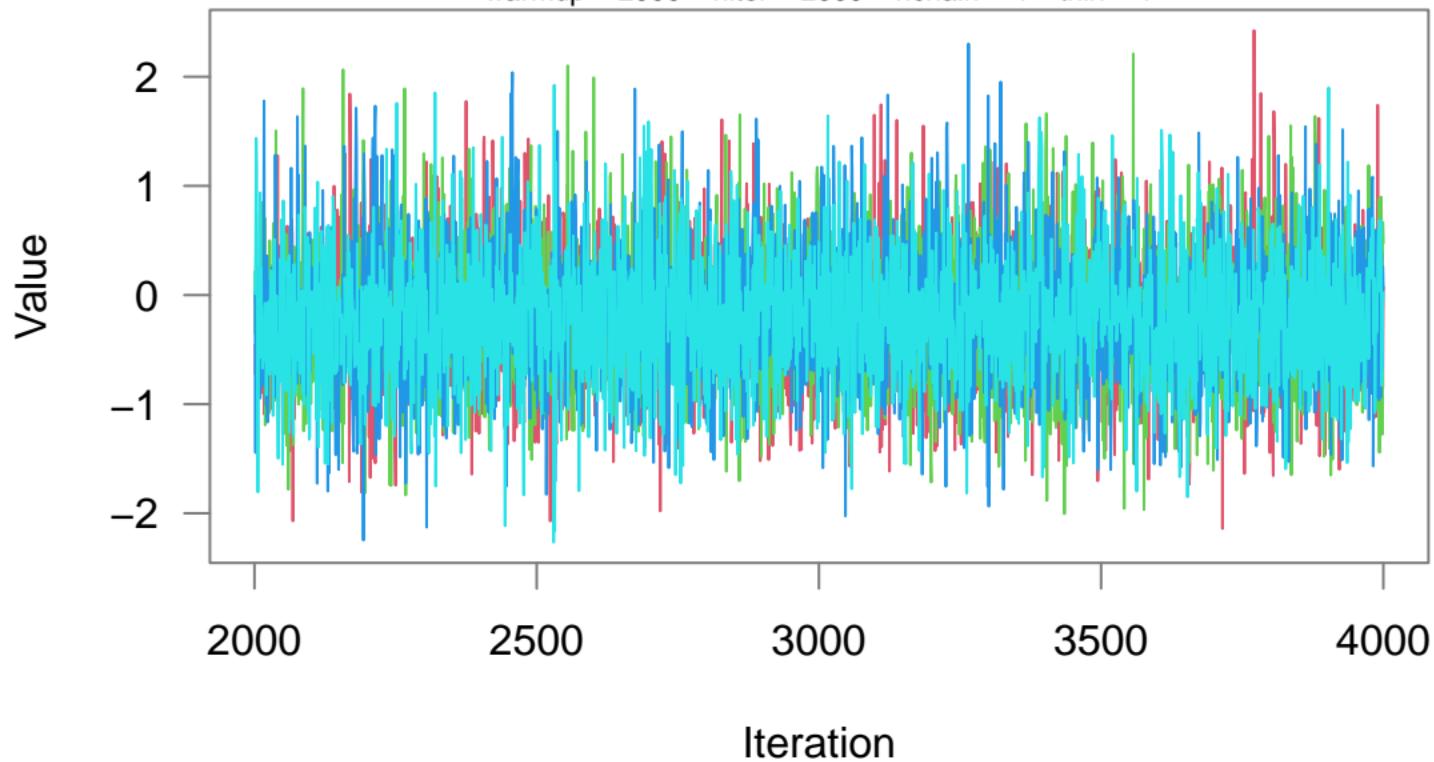
r_bay_fac:site_fac[Japanese_Jap-6,Intercept]

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



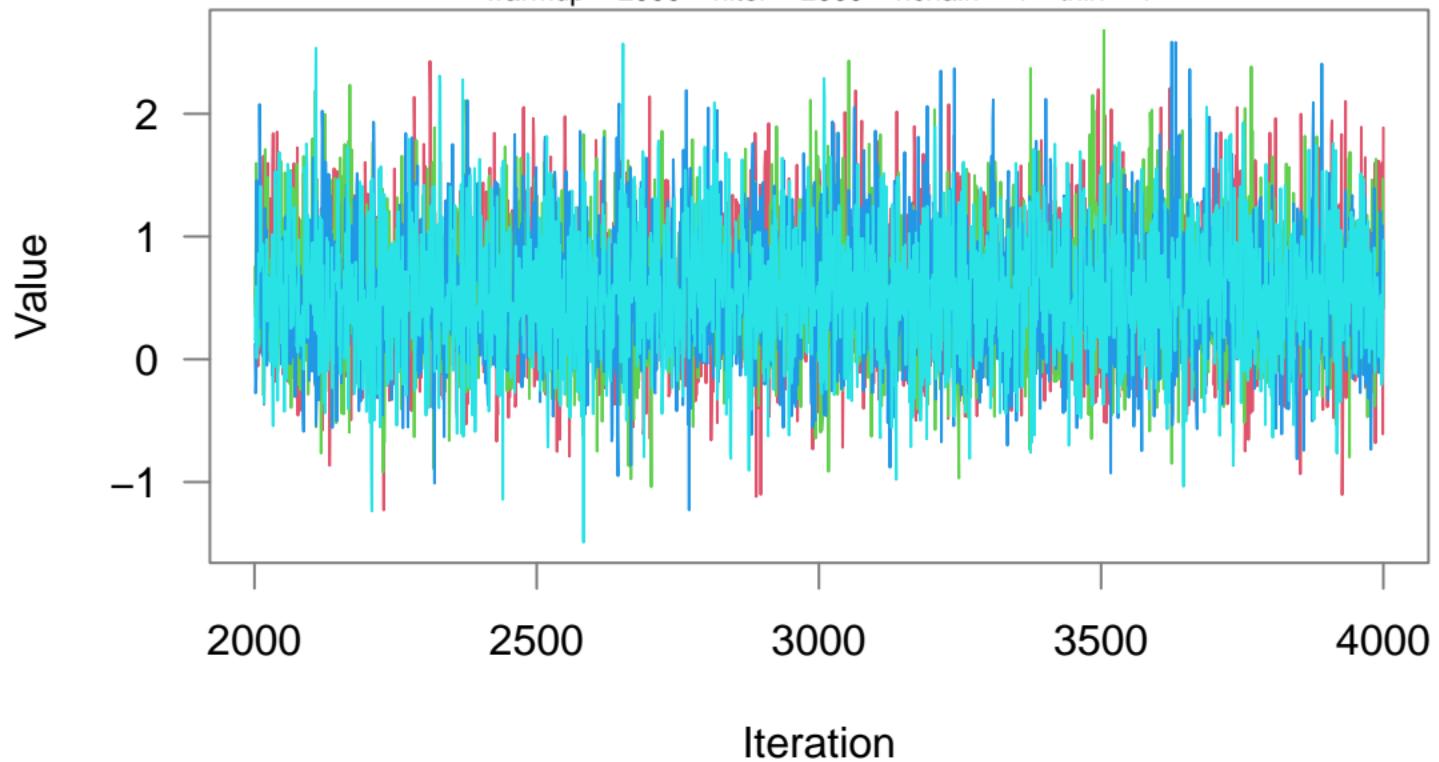
r_bay_fac:site_fac[Japanese_Jap-7,Intercept]

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

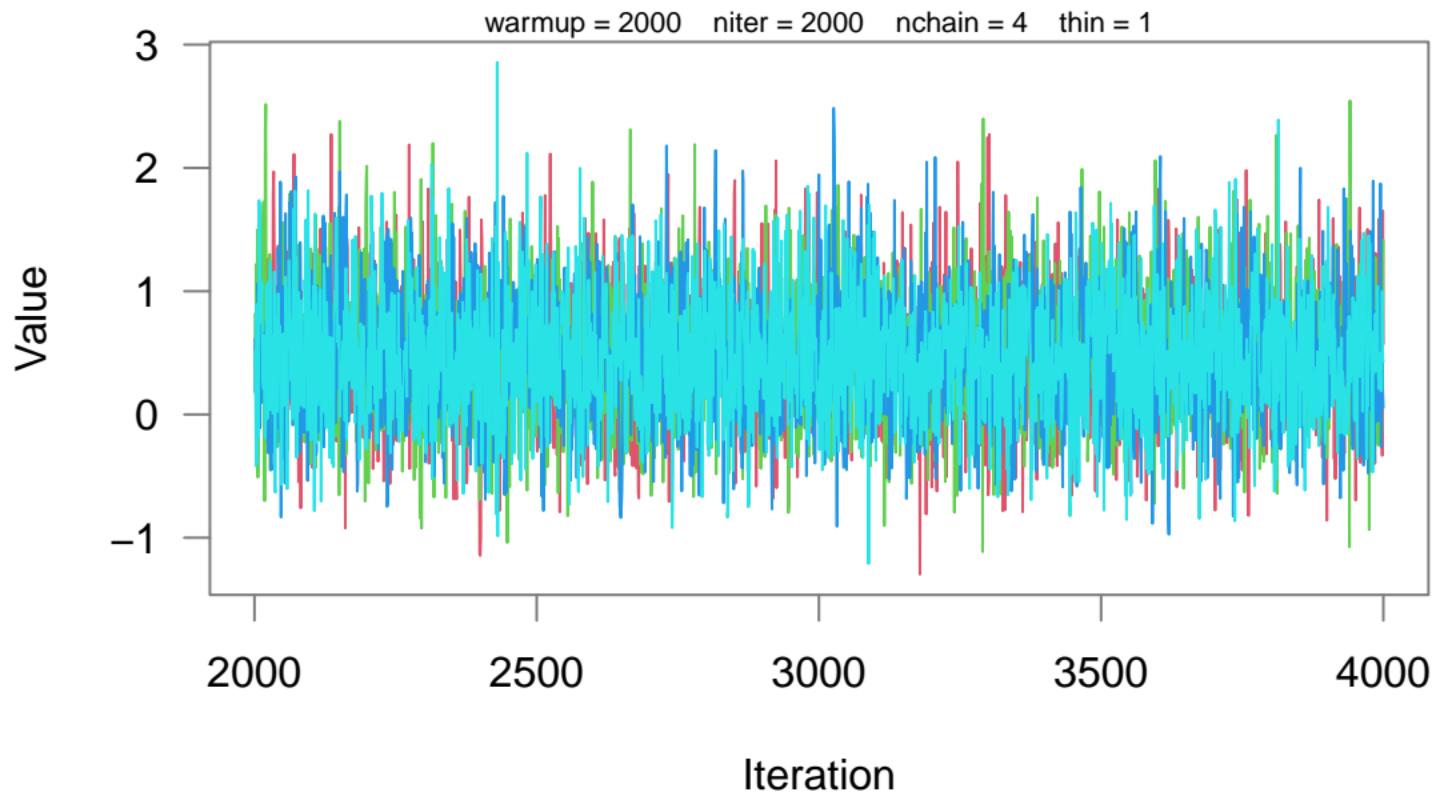


r_bay_fac:site_fac[Kaiugnak_Kai-1,Intercept]

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

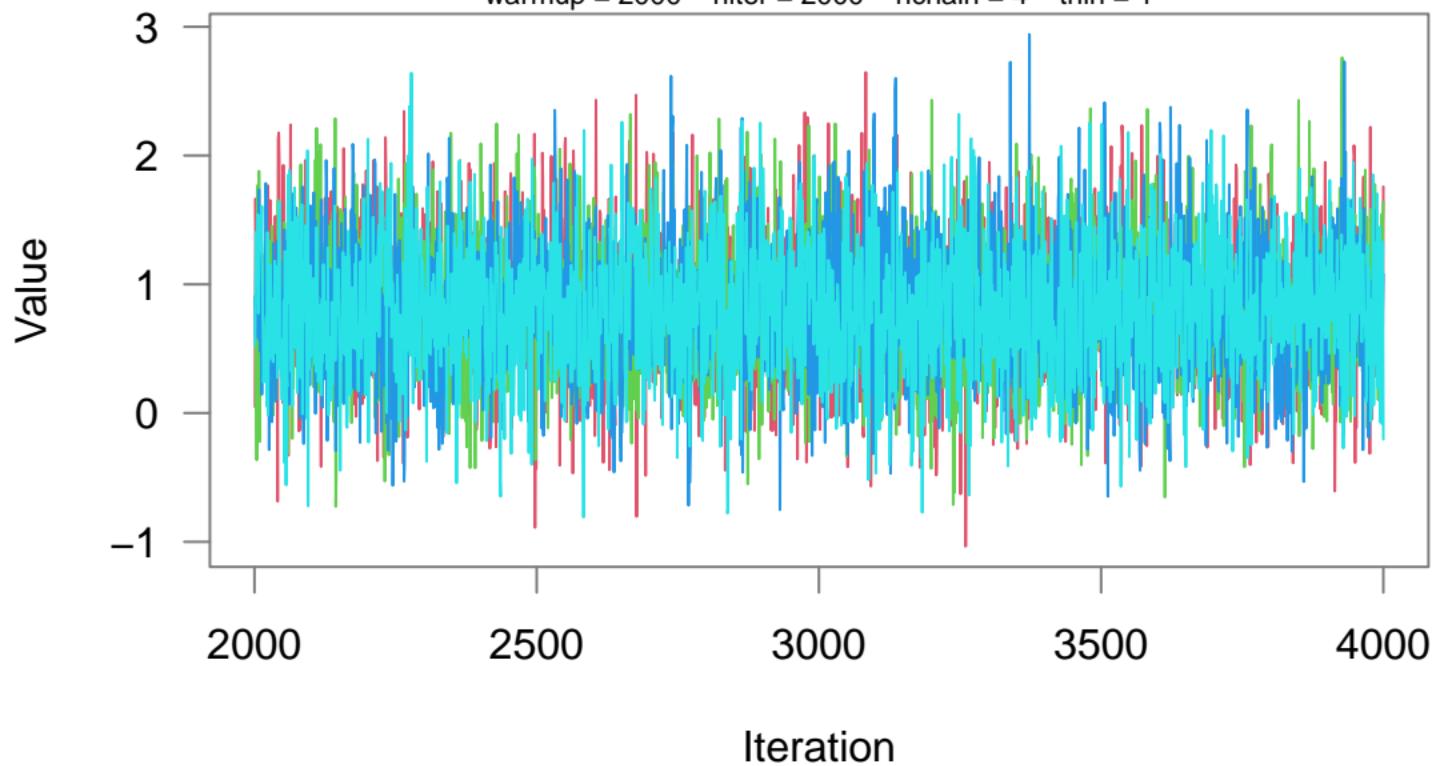


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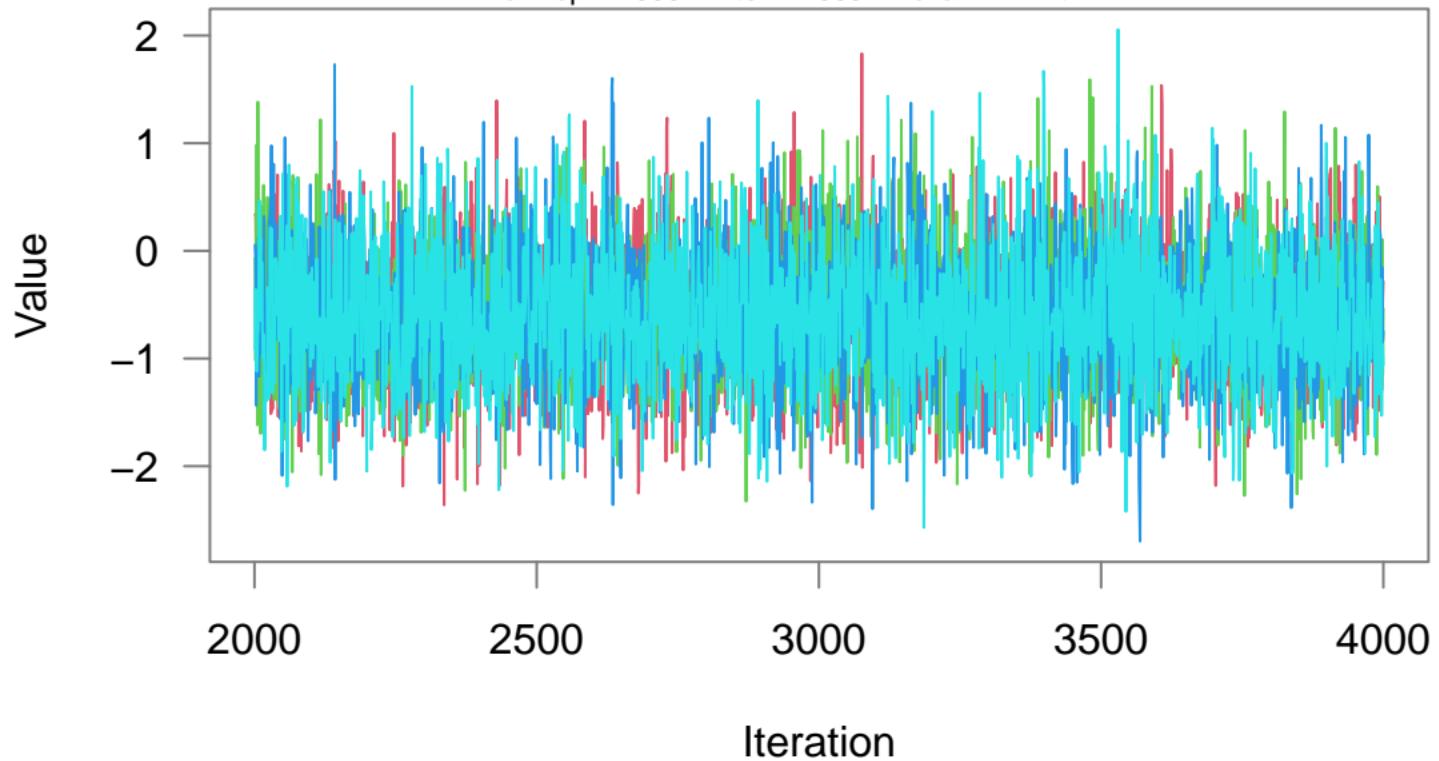
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



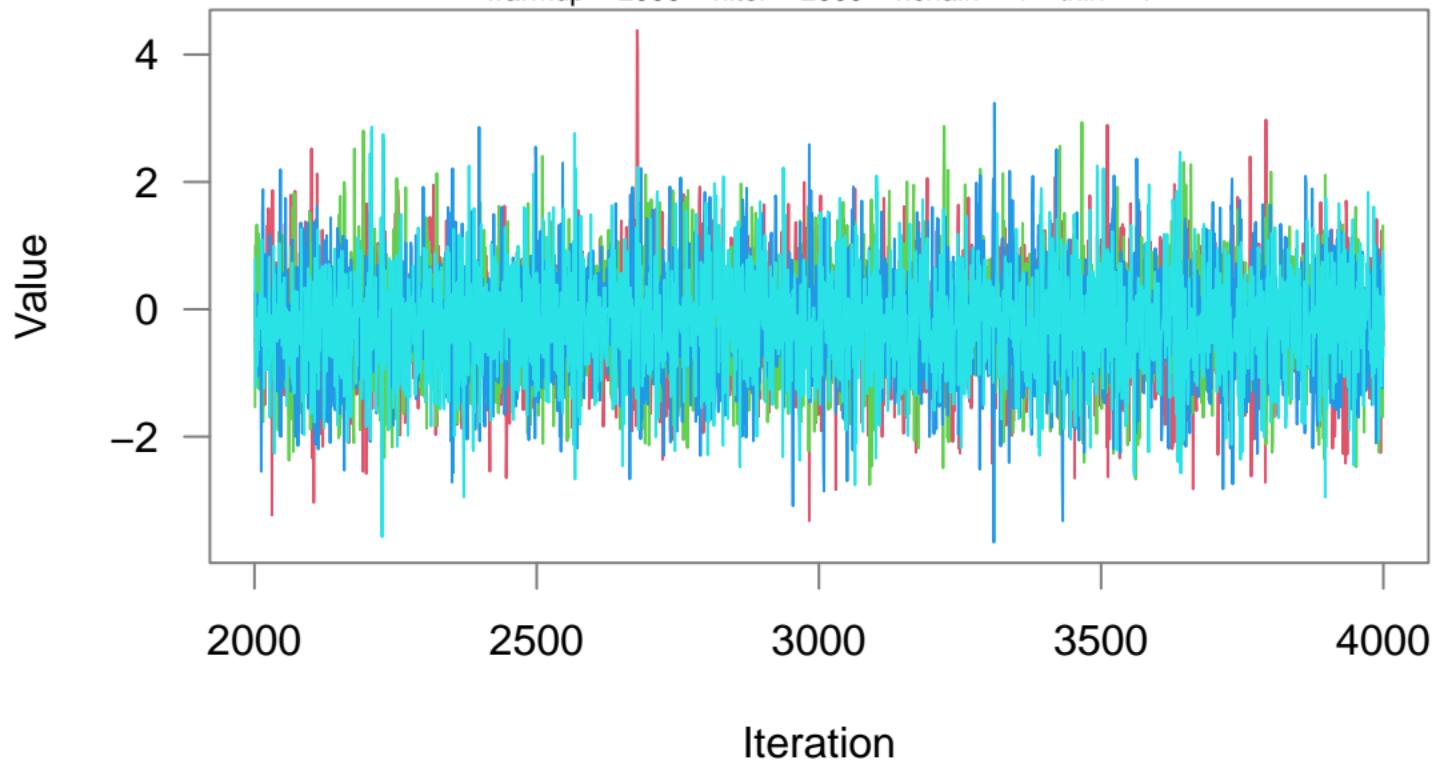
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



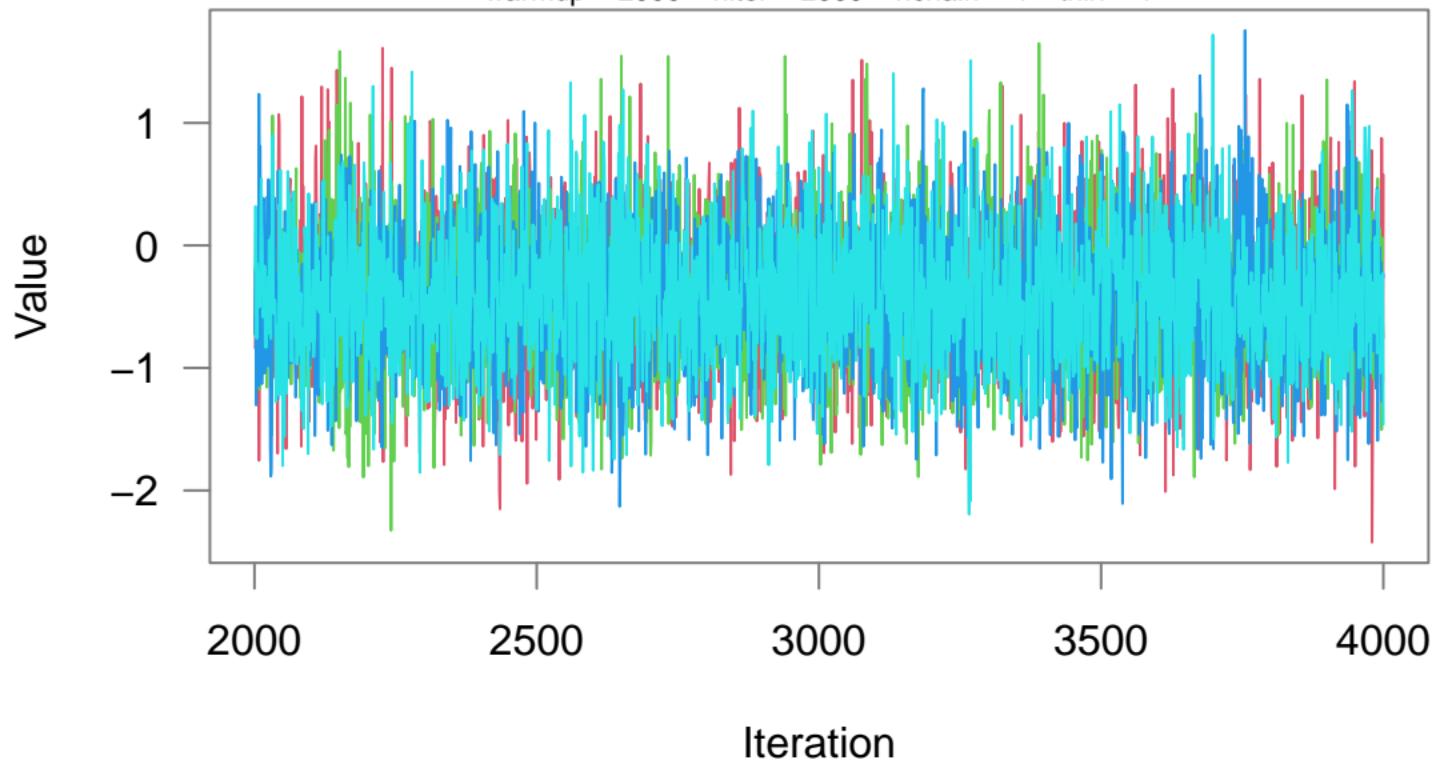
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



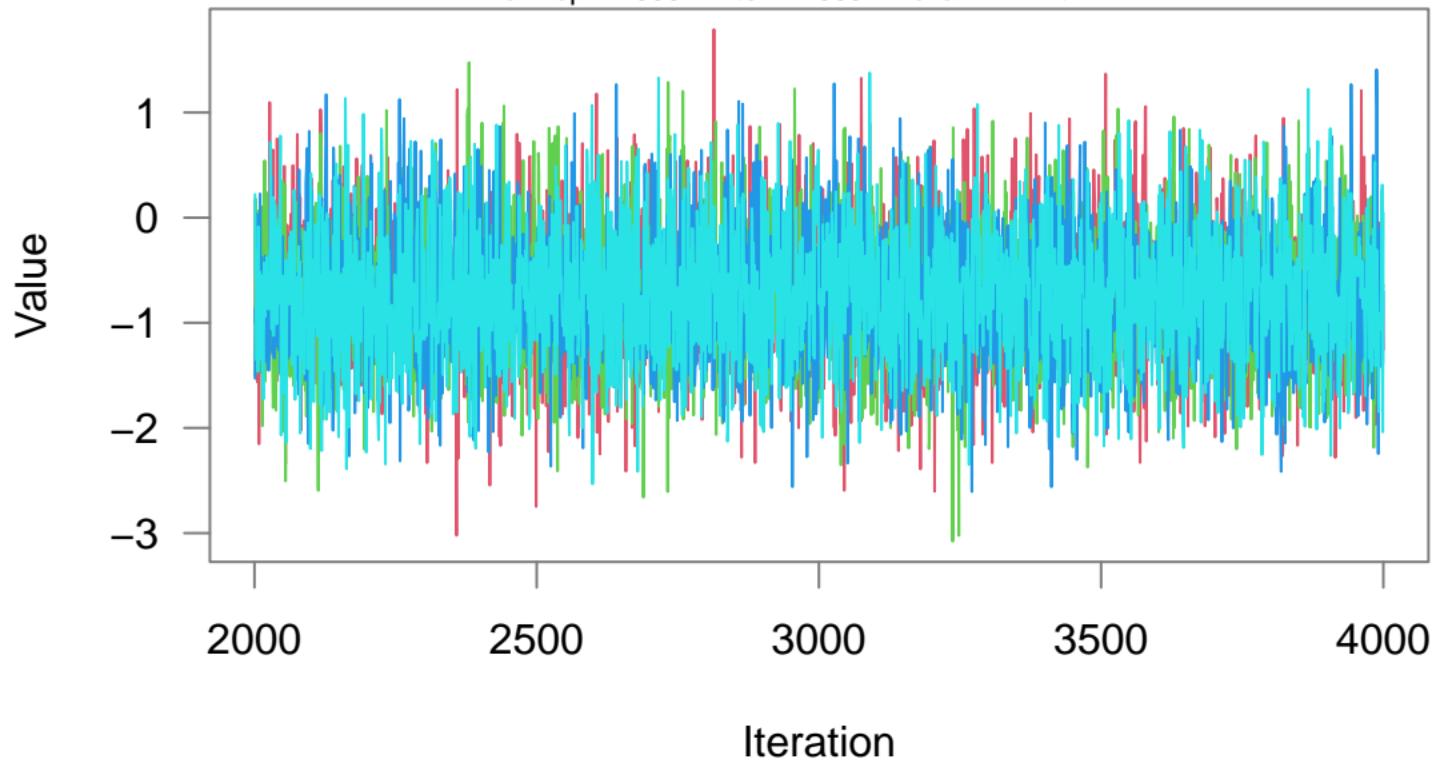
r_bay_fac:site_fac[Kaiugnak_Kai-6,Intercept]

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



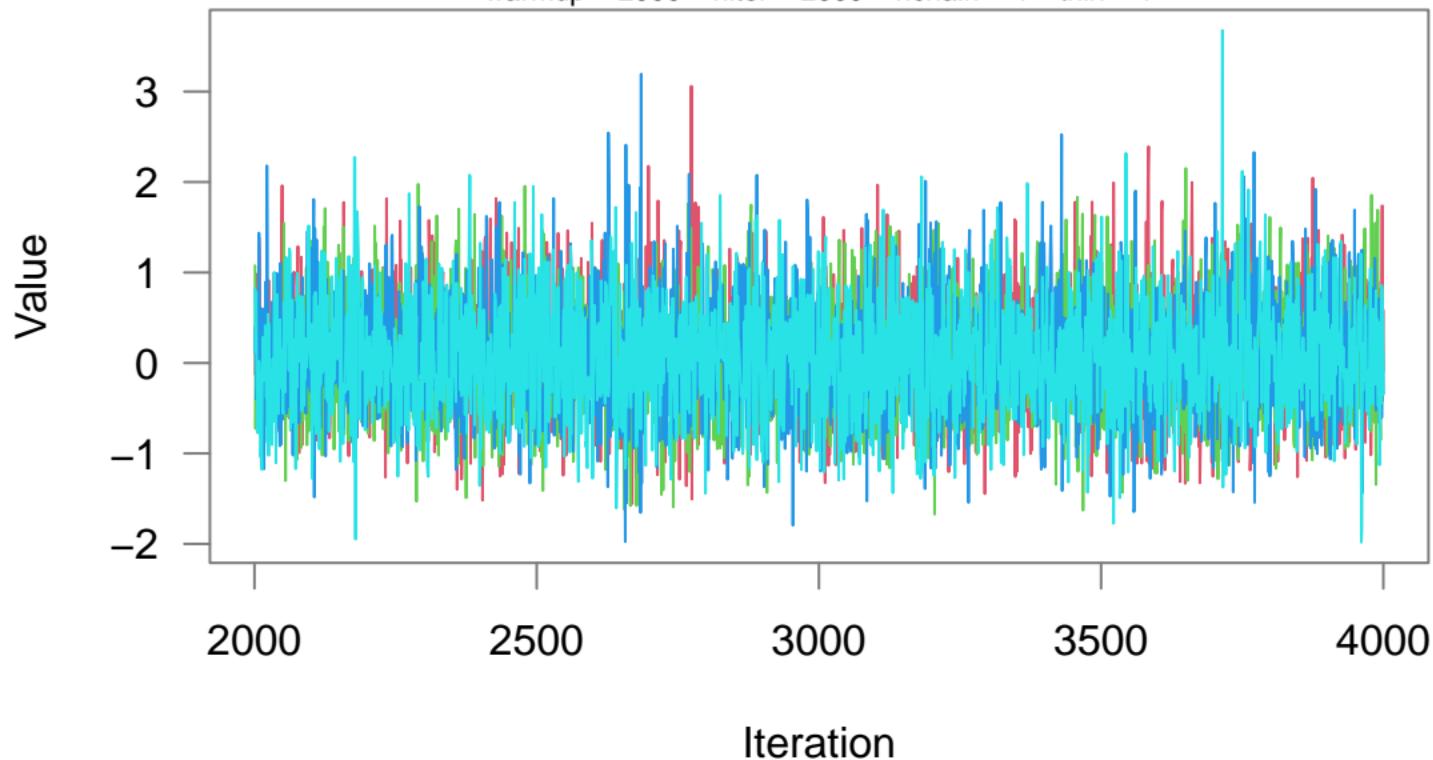
r_bay_fac:site_fac[Kaiugnak_Kai-7,Intercept]

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



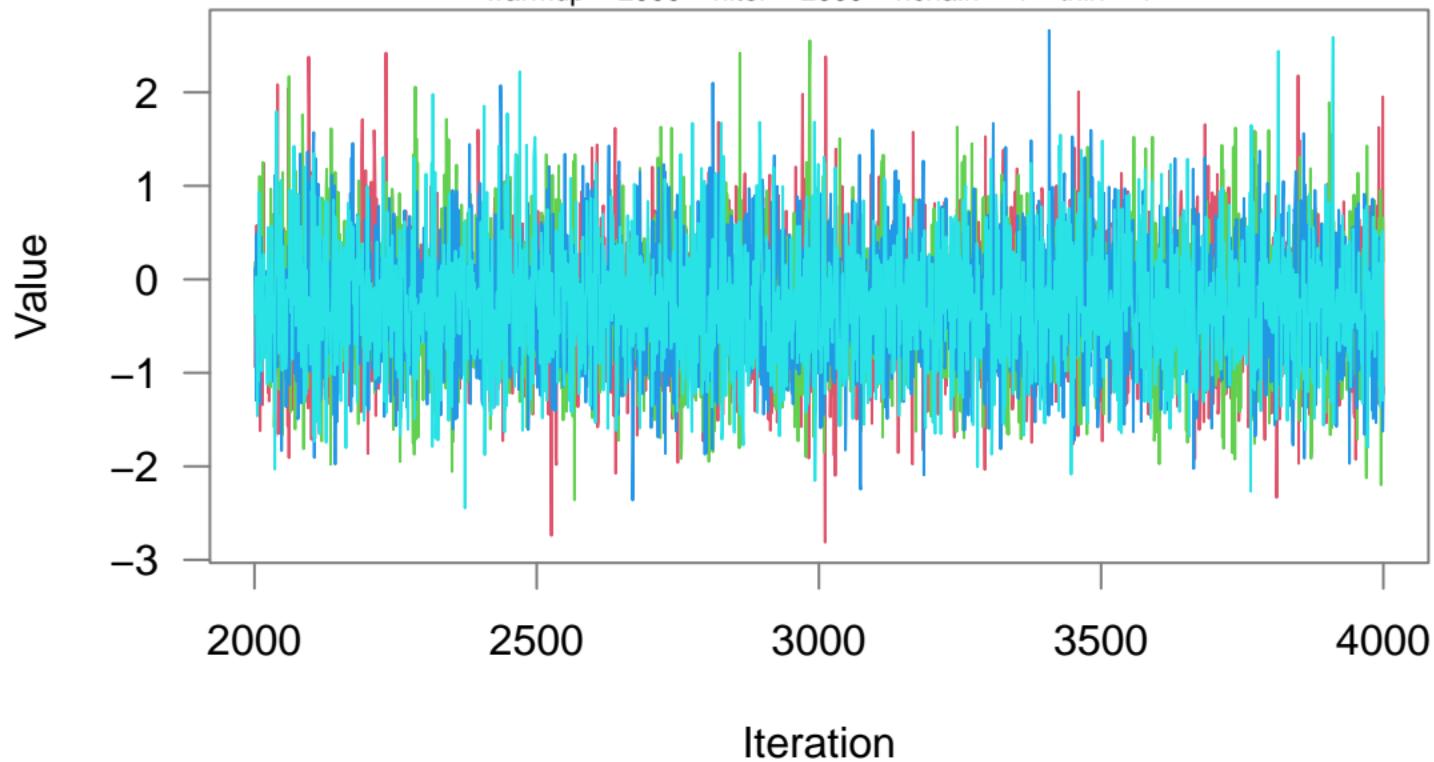
r_bay_fac:site_fac[Kiliuda_Kilu-1,Intercept]

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



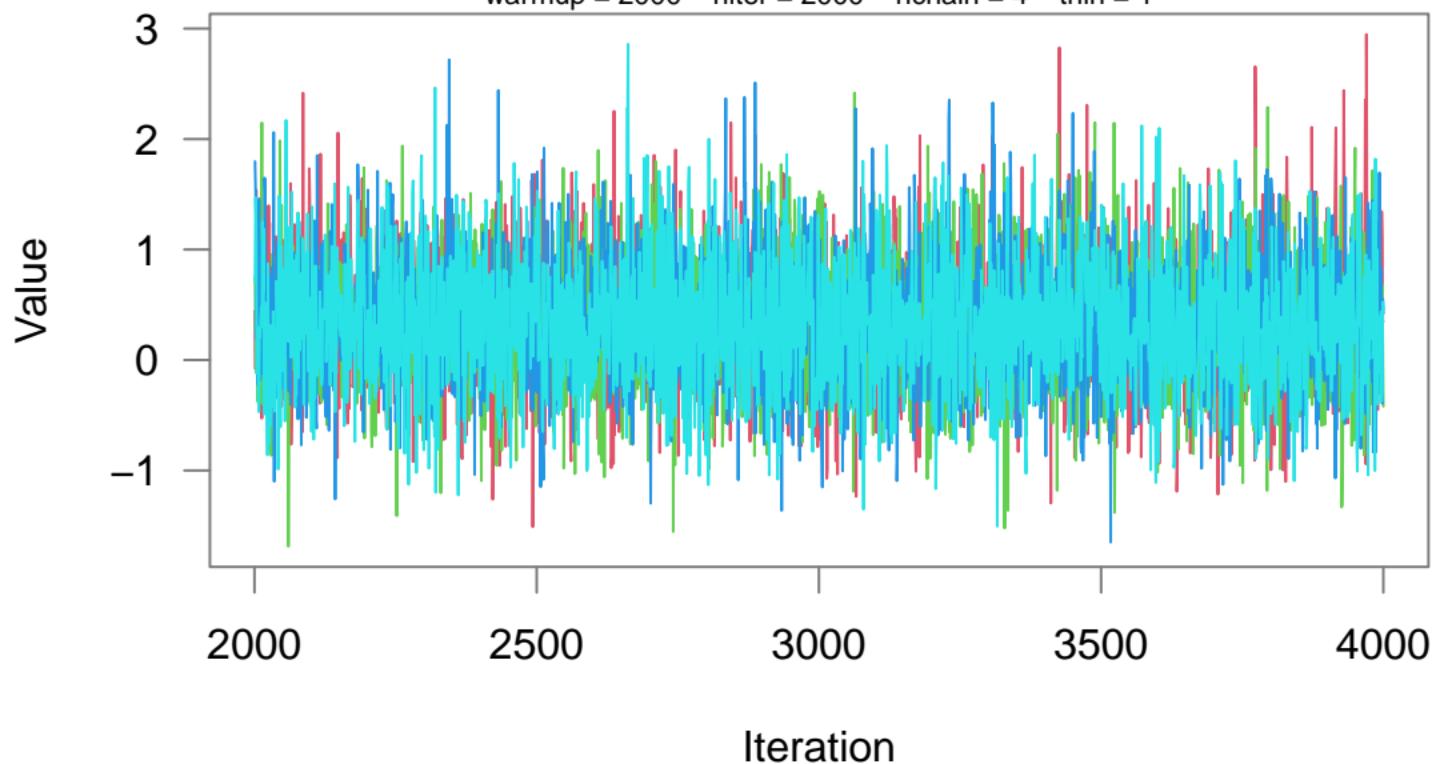
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



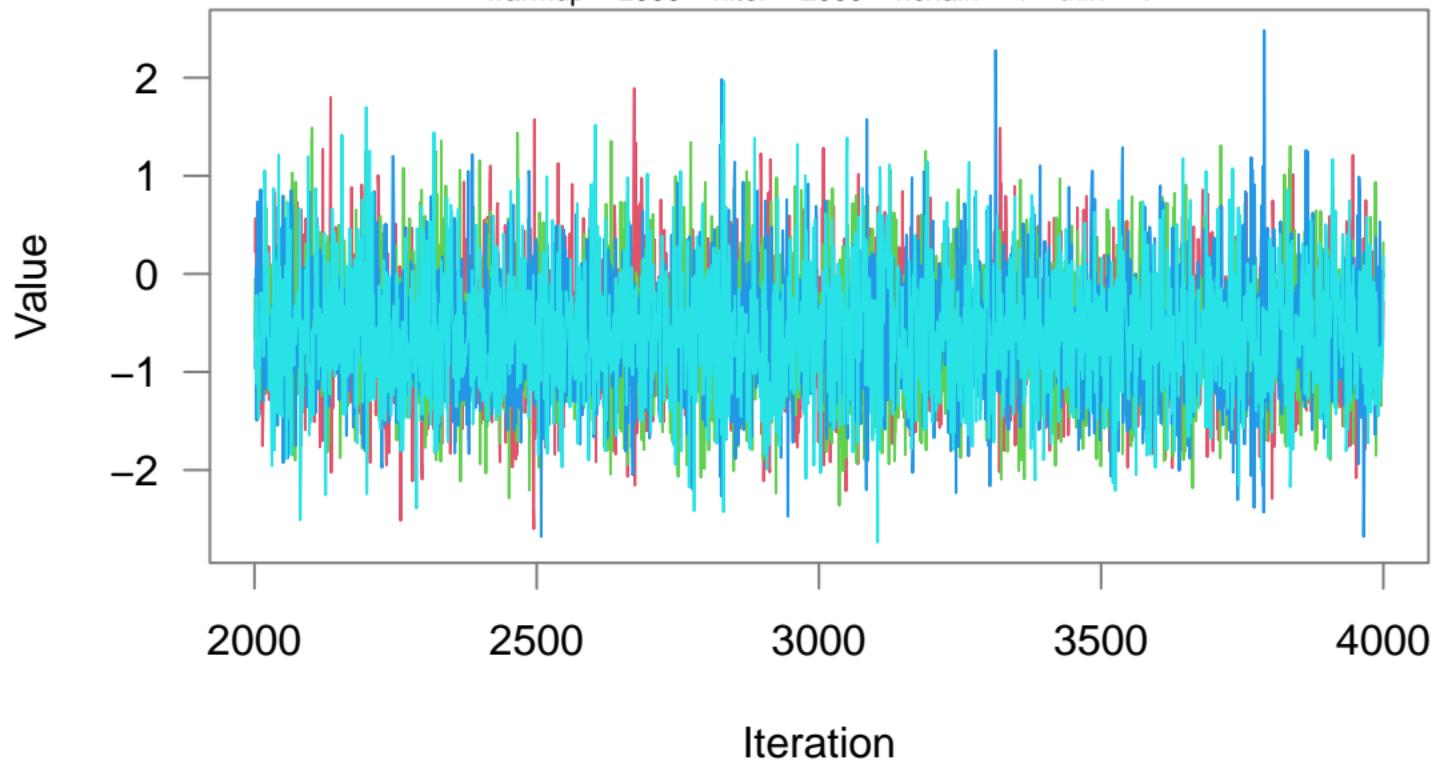
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



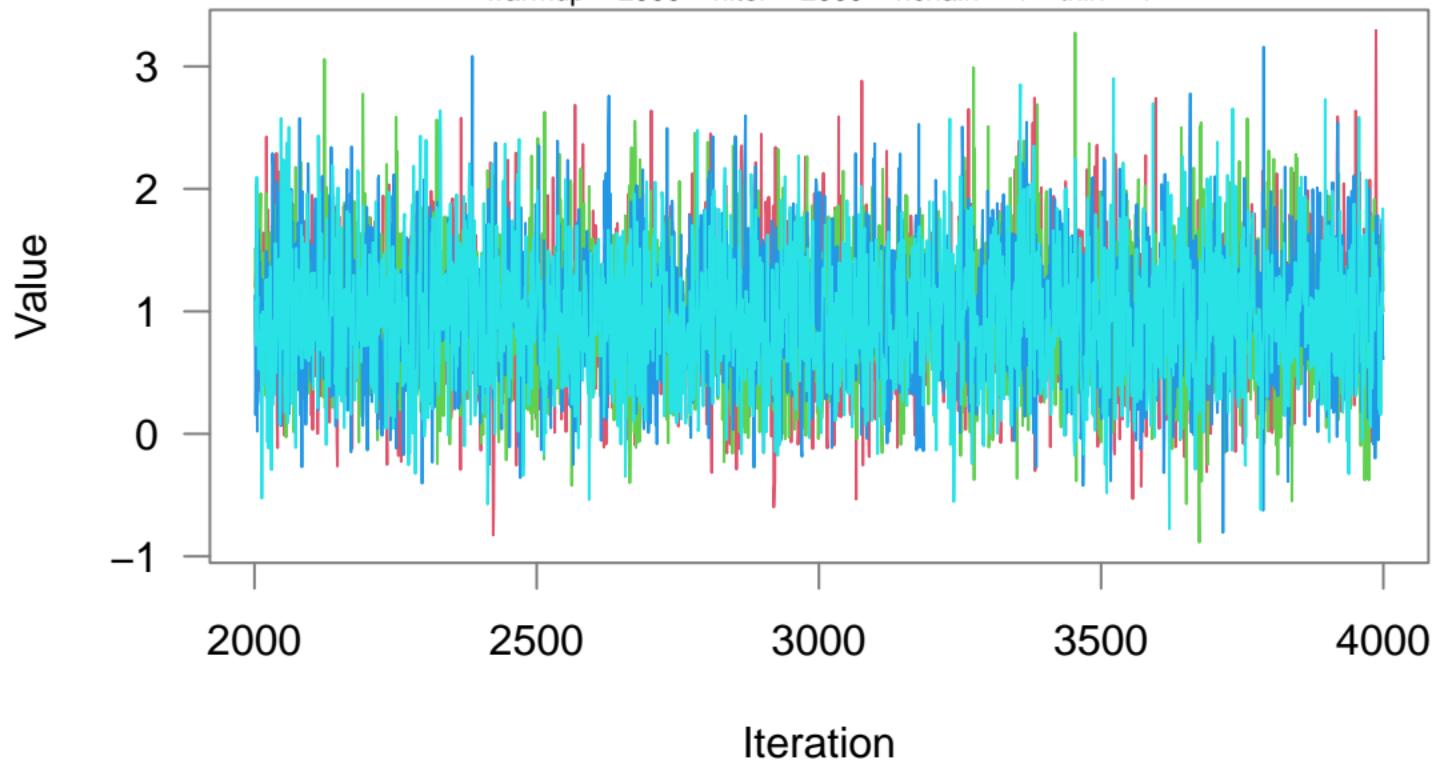
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



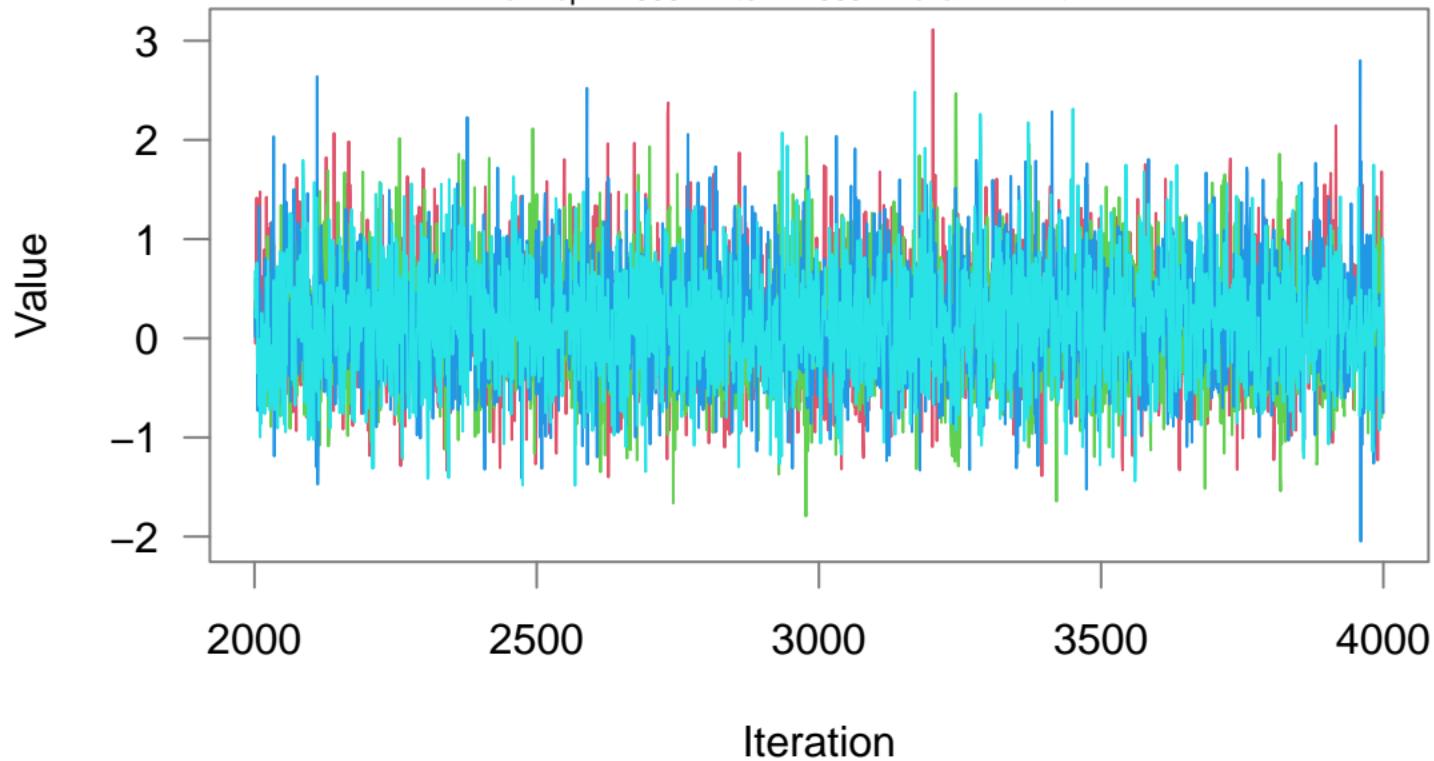
r_bay_fac:site_fac[Kiliuda_Kilu-5,Intercept]

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



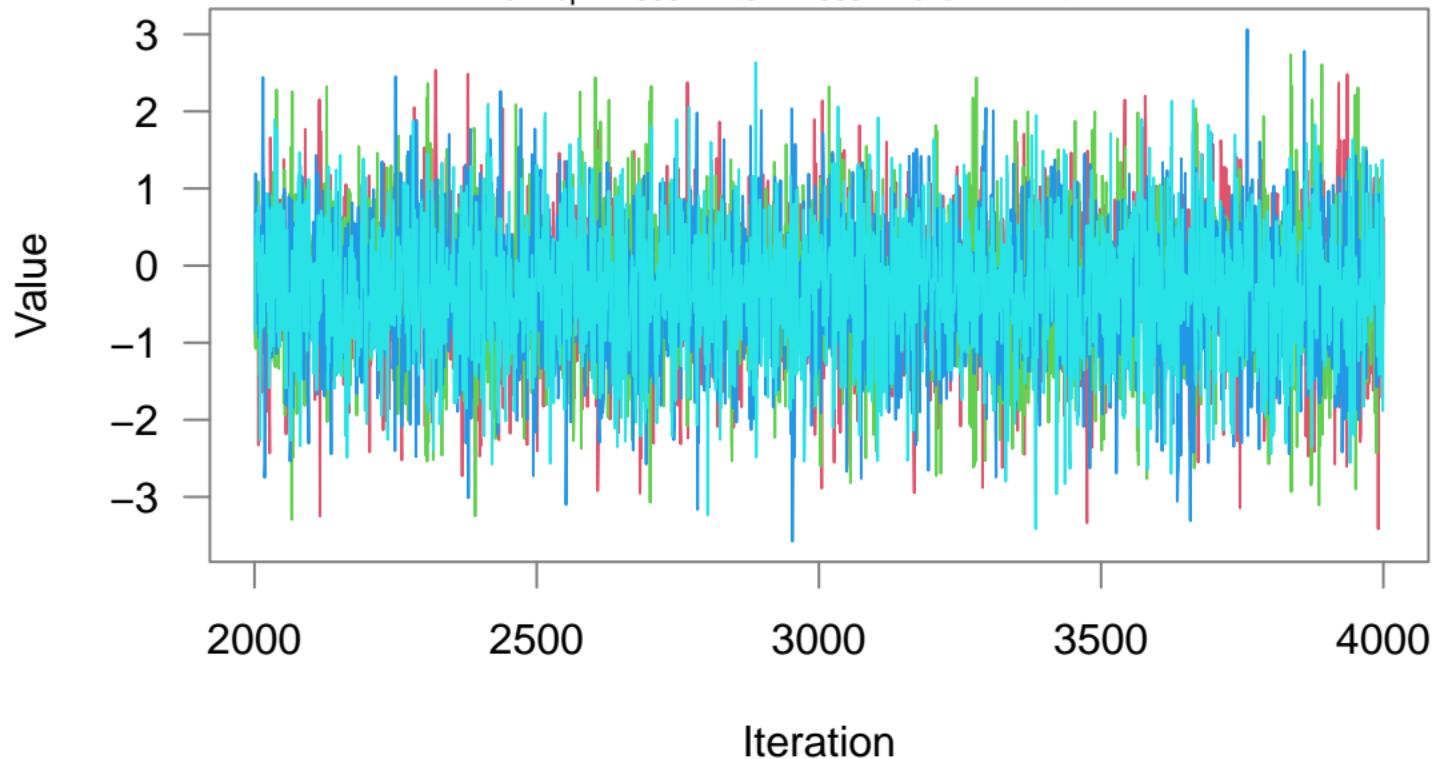
r_bay_fac:site_fac[Kiliuda_Kilu-6,Intercept]

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



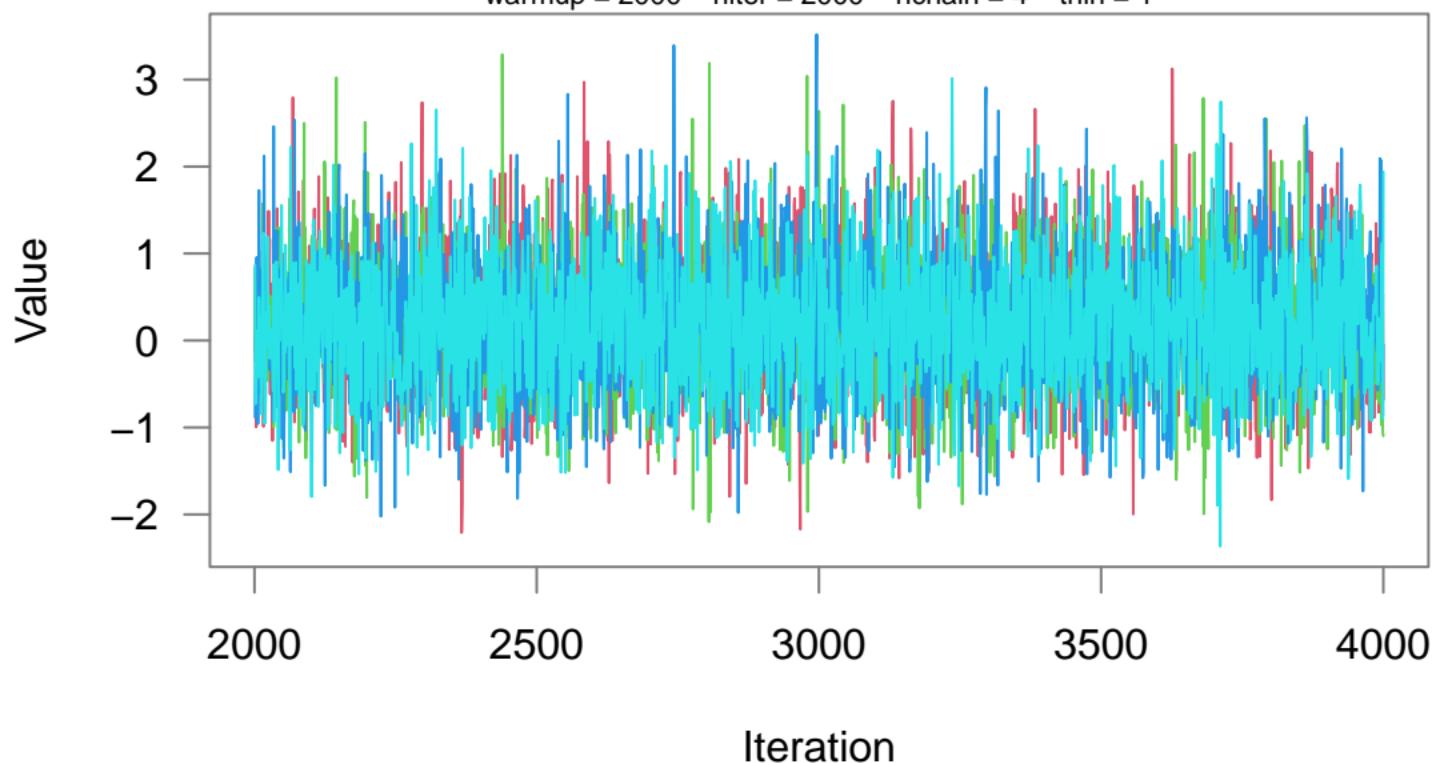
r_bay_fac:site_fac[Kiliuda_Kilu-7,Intercept]

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



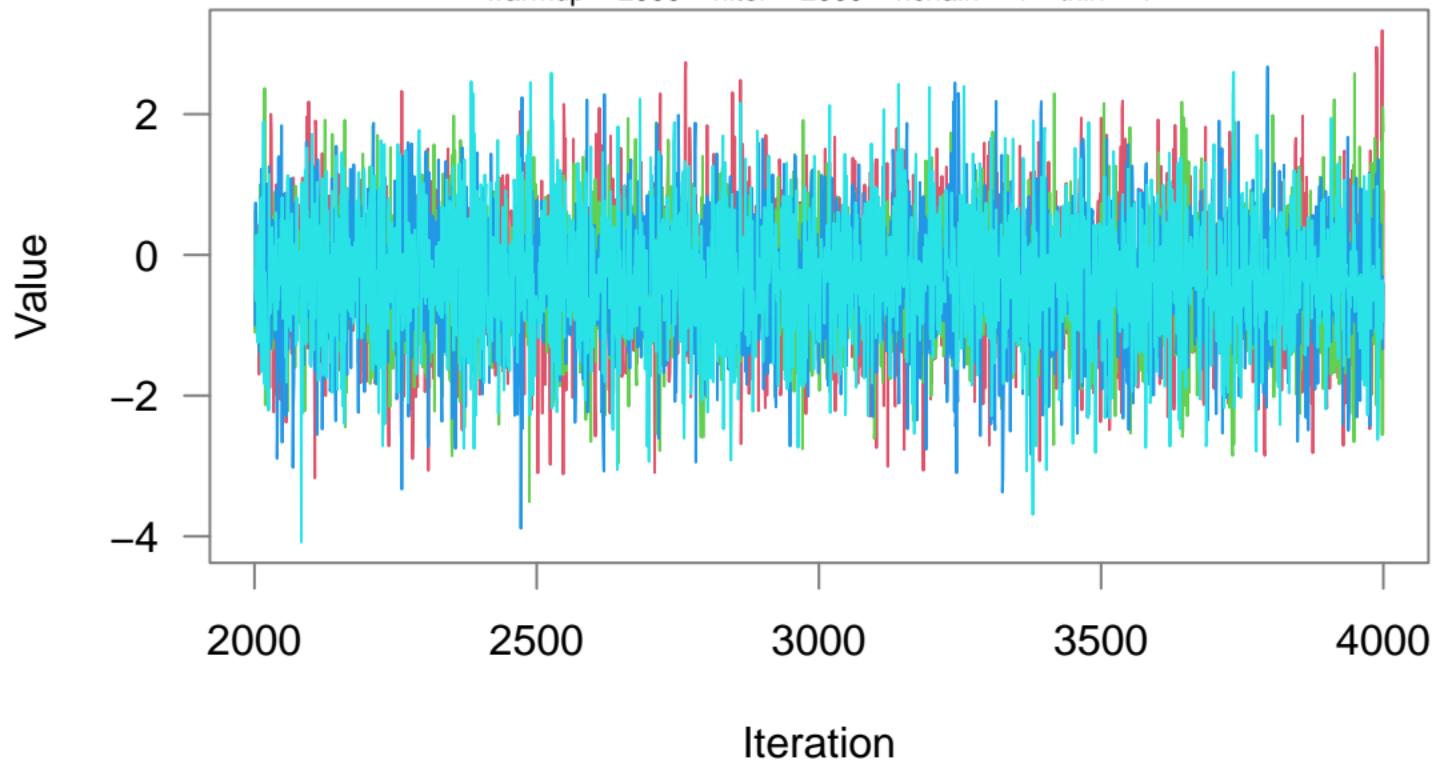
r_bay_fac:site_fac[Kiliuda_Kilu-8,Intercept]

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



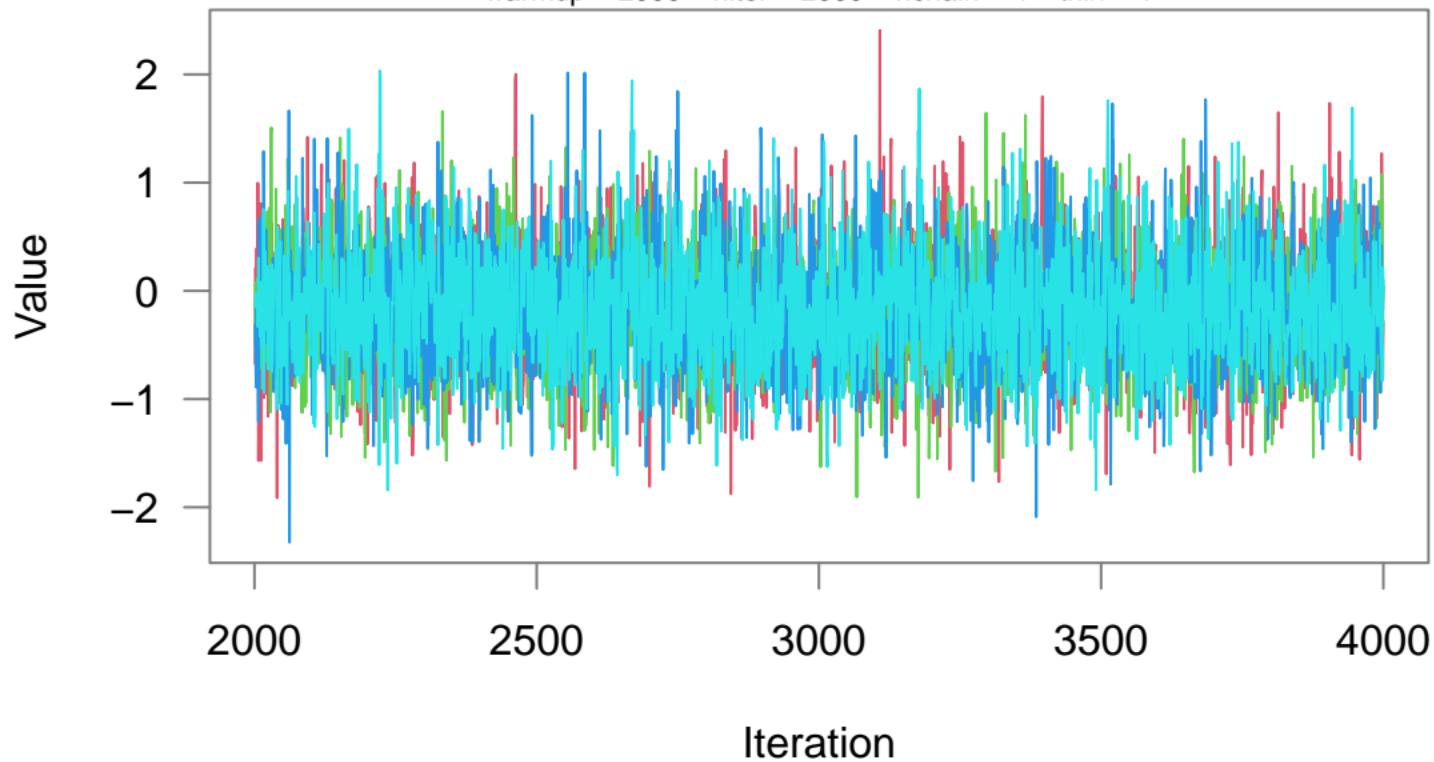
r_bay_fac:site_fac[Kiliuda_Kilu-9,Intercept]

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



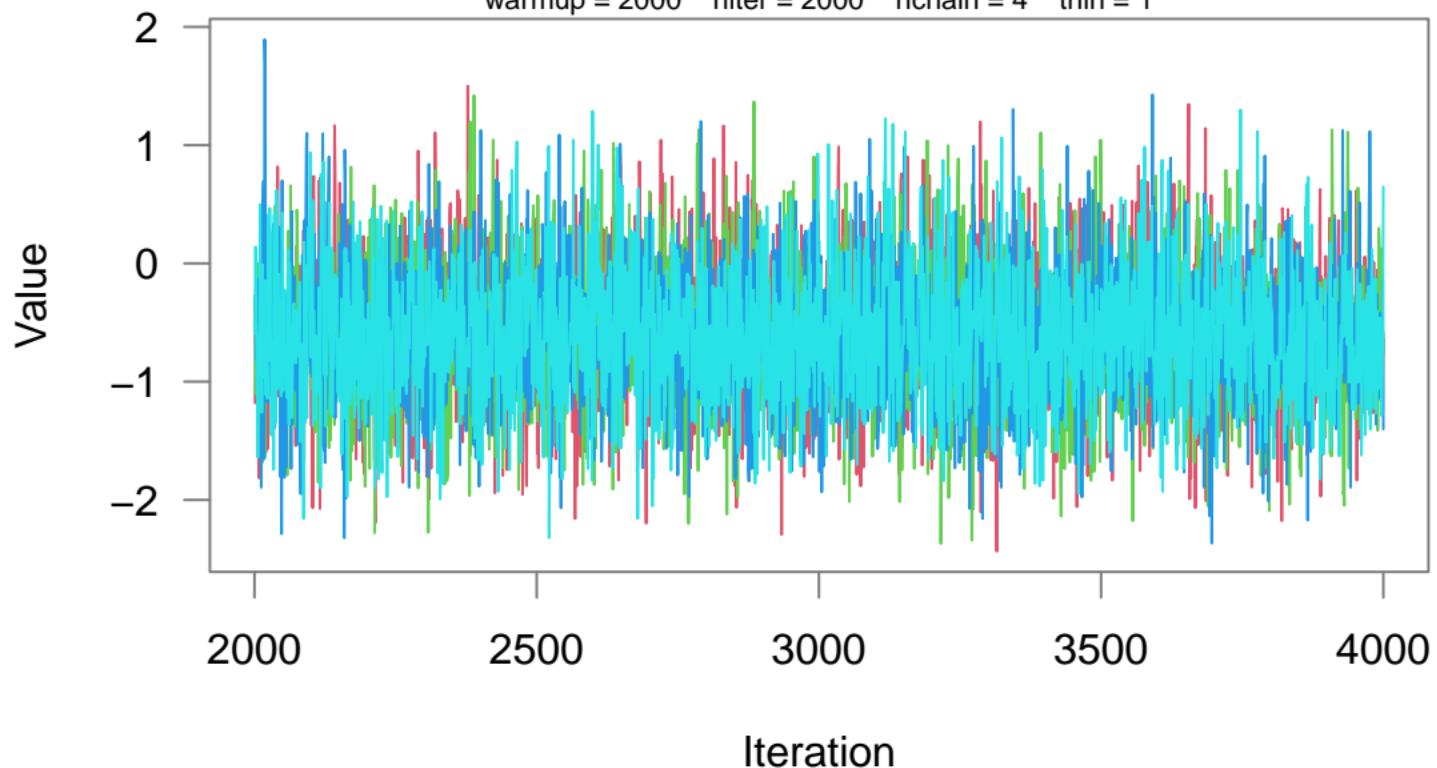
r_bay_fac:site_fac[Mitrofania_Mit-1,Intercept]

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



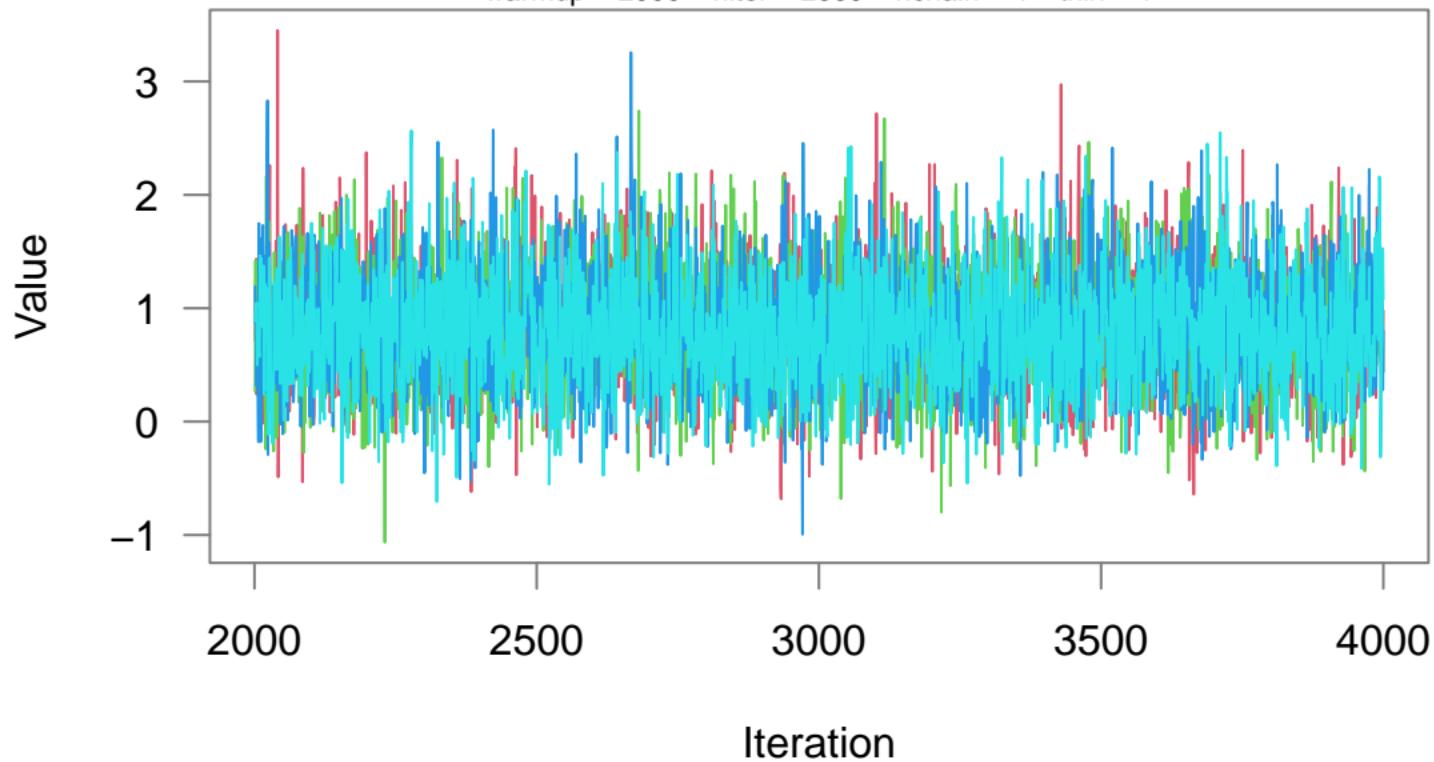
r_bay_fac:site_fac[Mitrofania_Mit-2,Intercept]

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



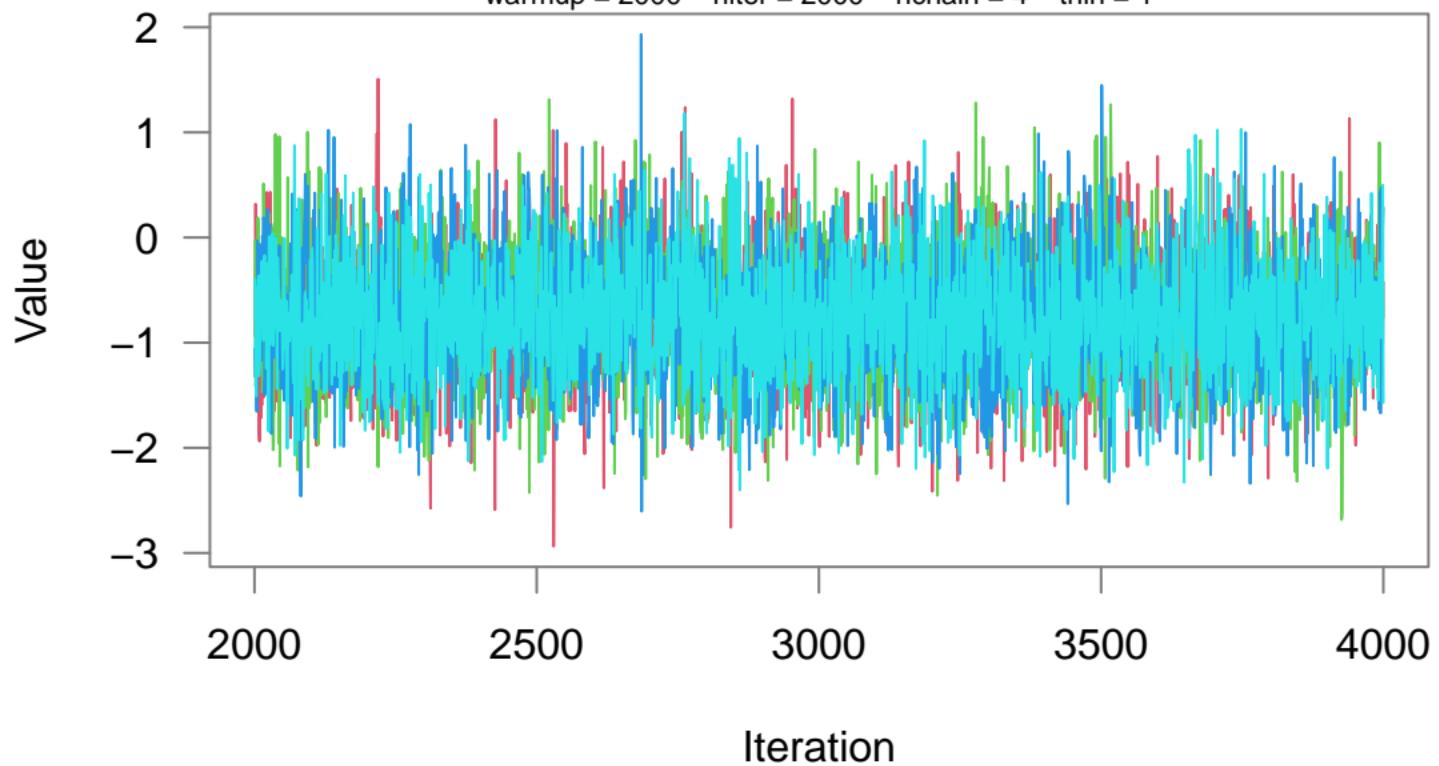
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



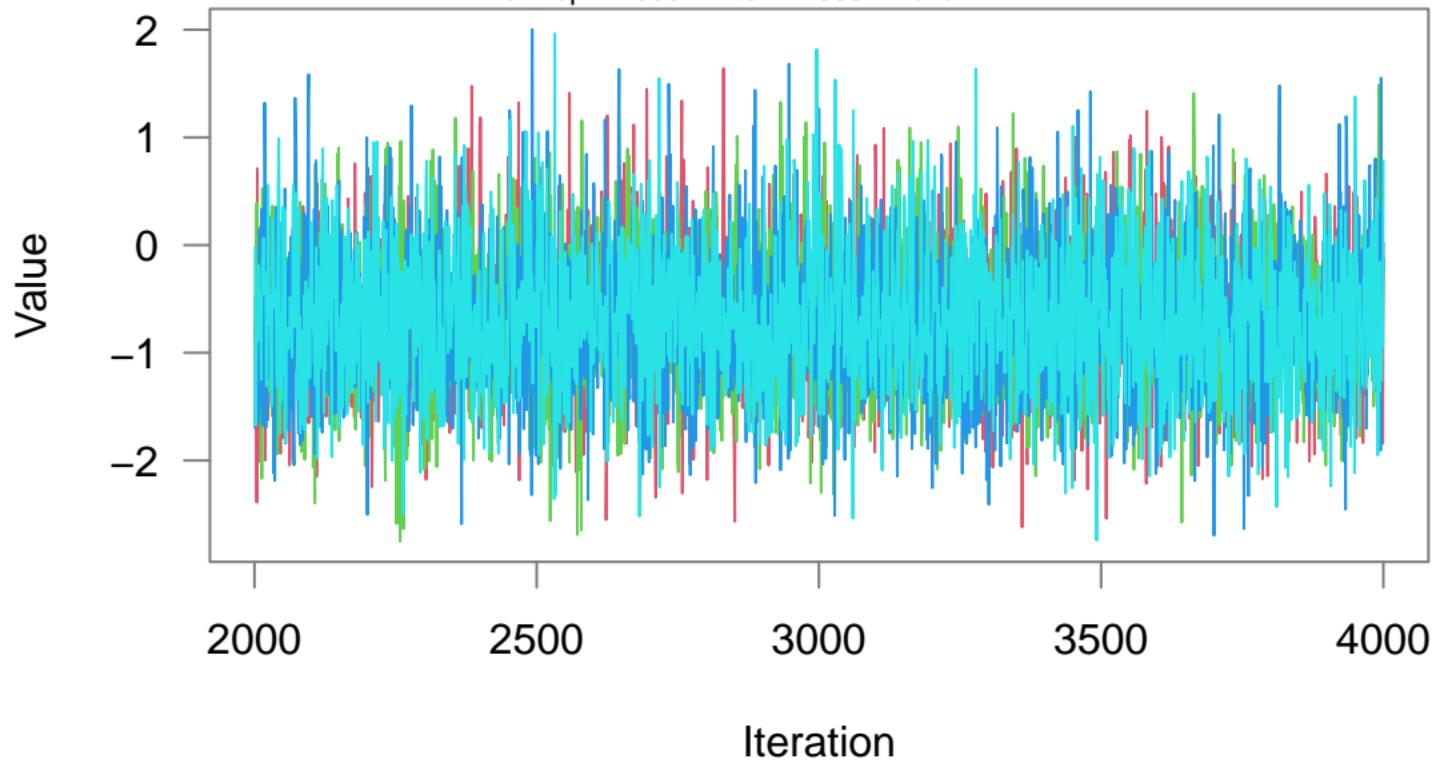
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



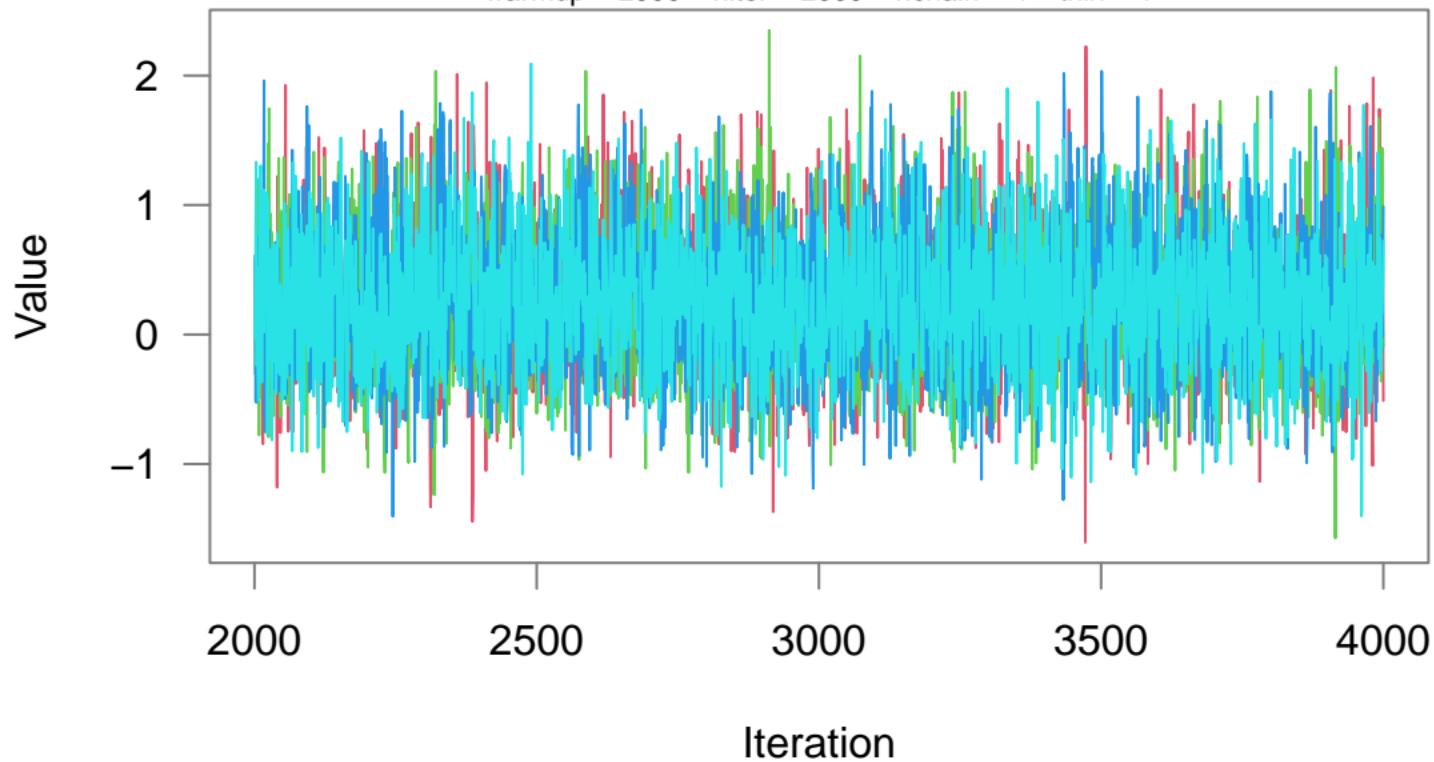
r_bay_fac:site_fac[Mitrofania_Mit-5,Intercept]

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



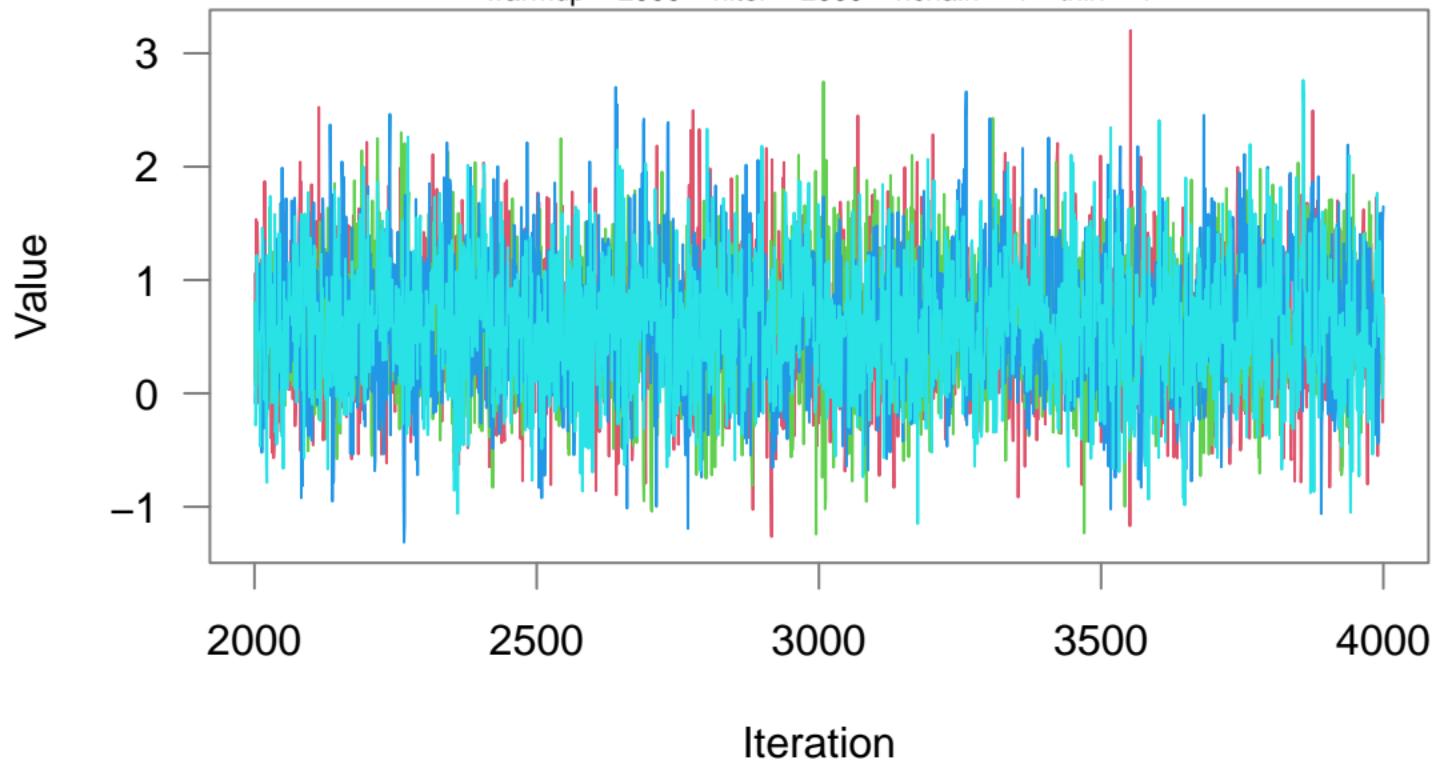
r_bay_fac:site_fac[Mitrofania_Mit–6,Intercept]

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

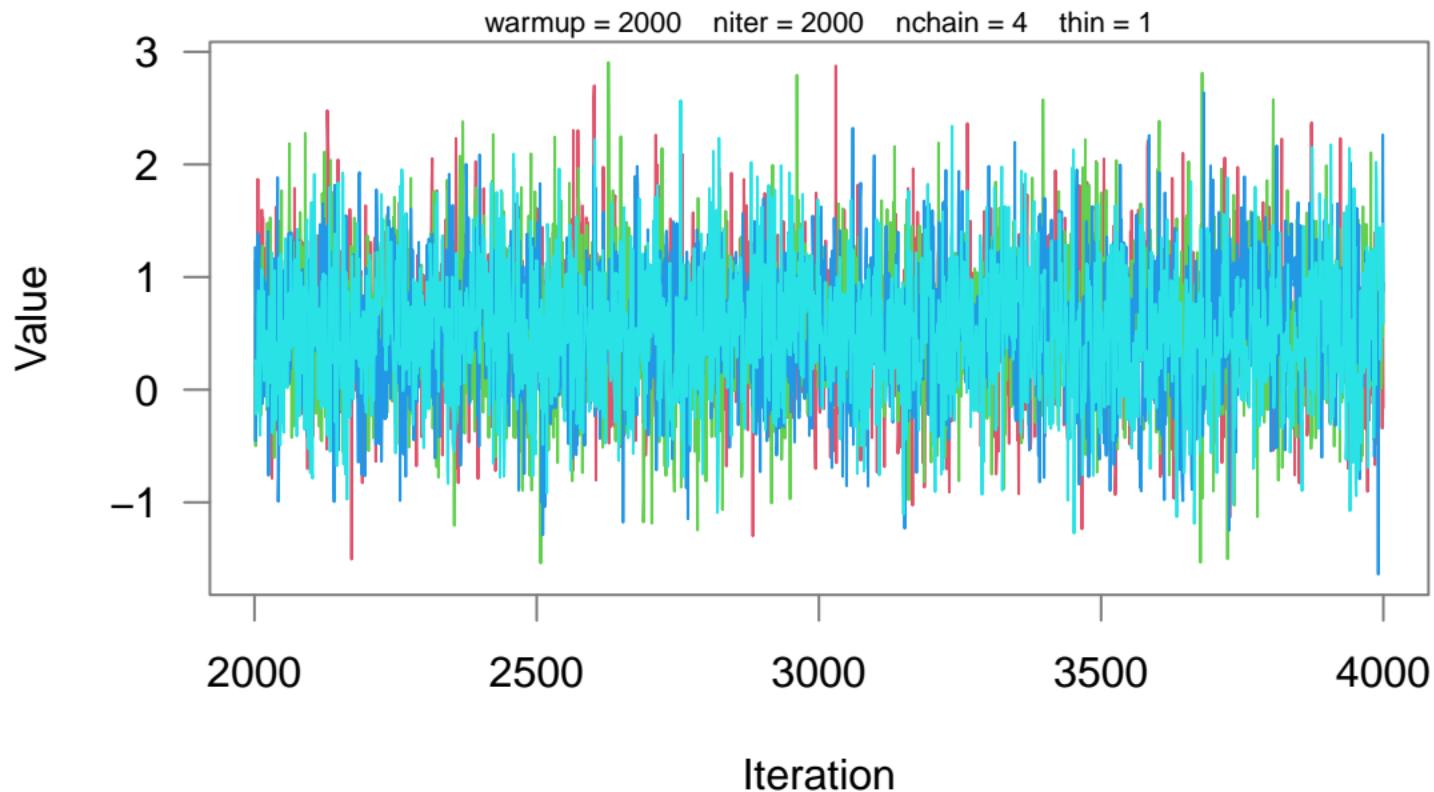


r_bay_fac:site_fac[Port.Wrangell_PW-1,Intercept]

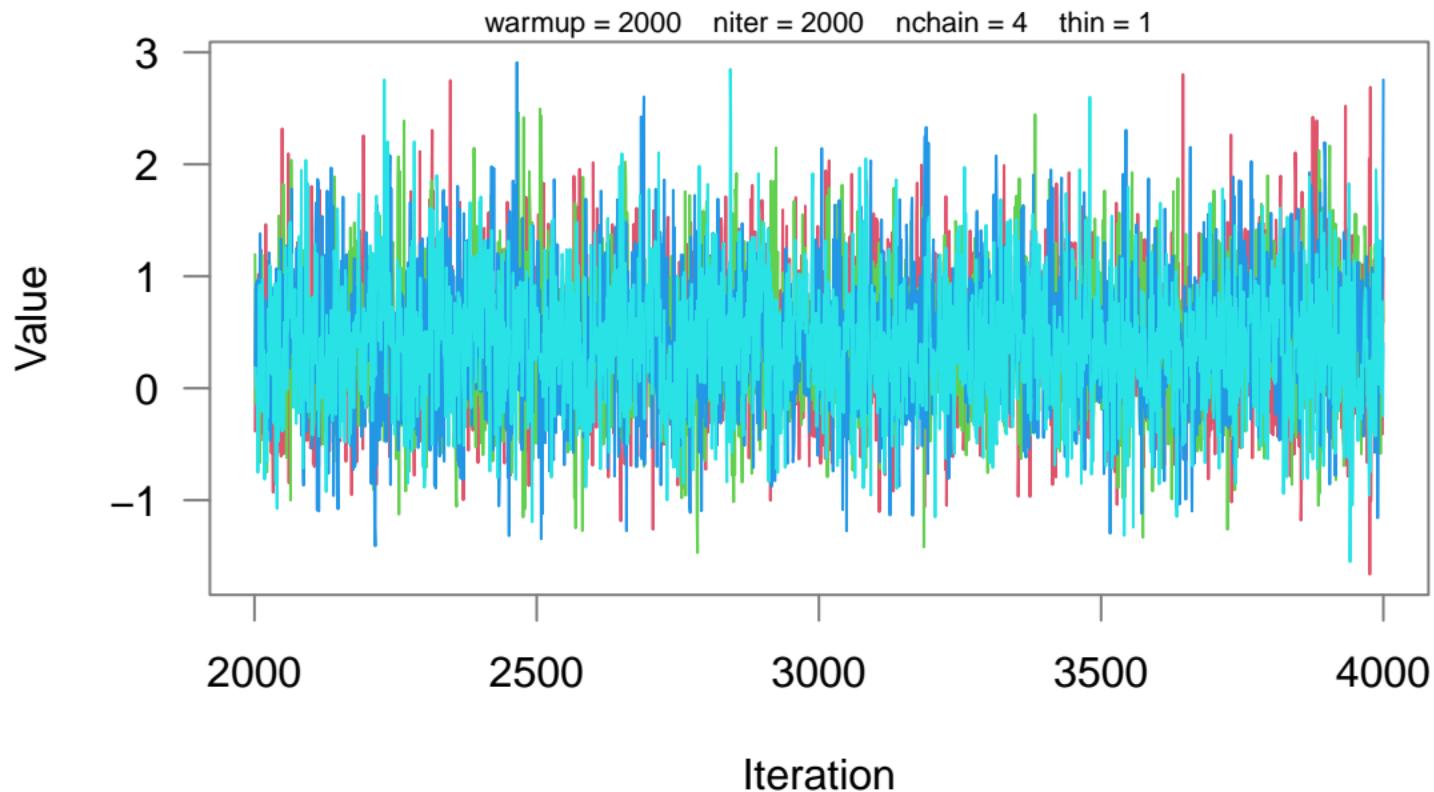
warmup = 2000 niter = 2000 nchain = 4 thin = 1



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

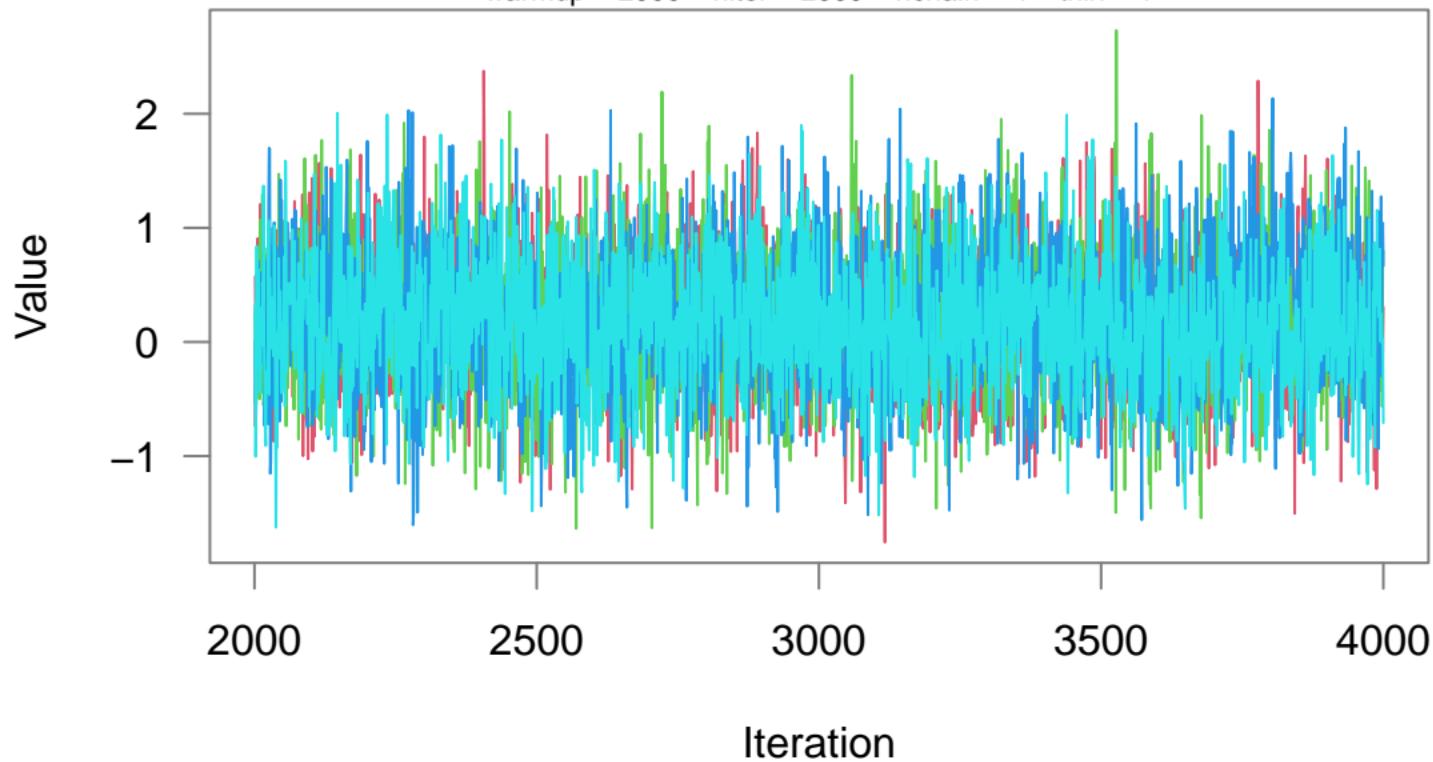


r_bay_fac:site_fac[Port.Wrangell_PW-3,Intercept]

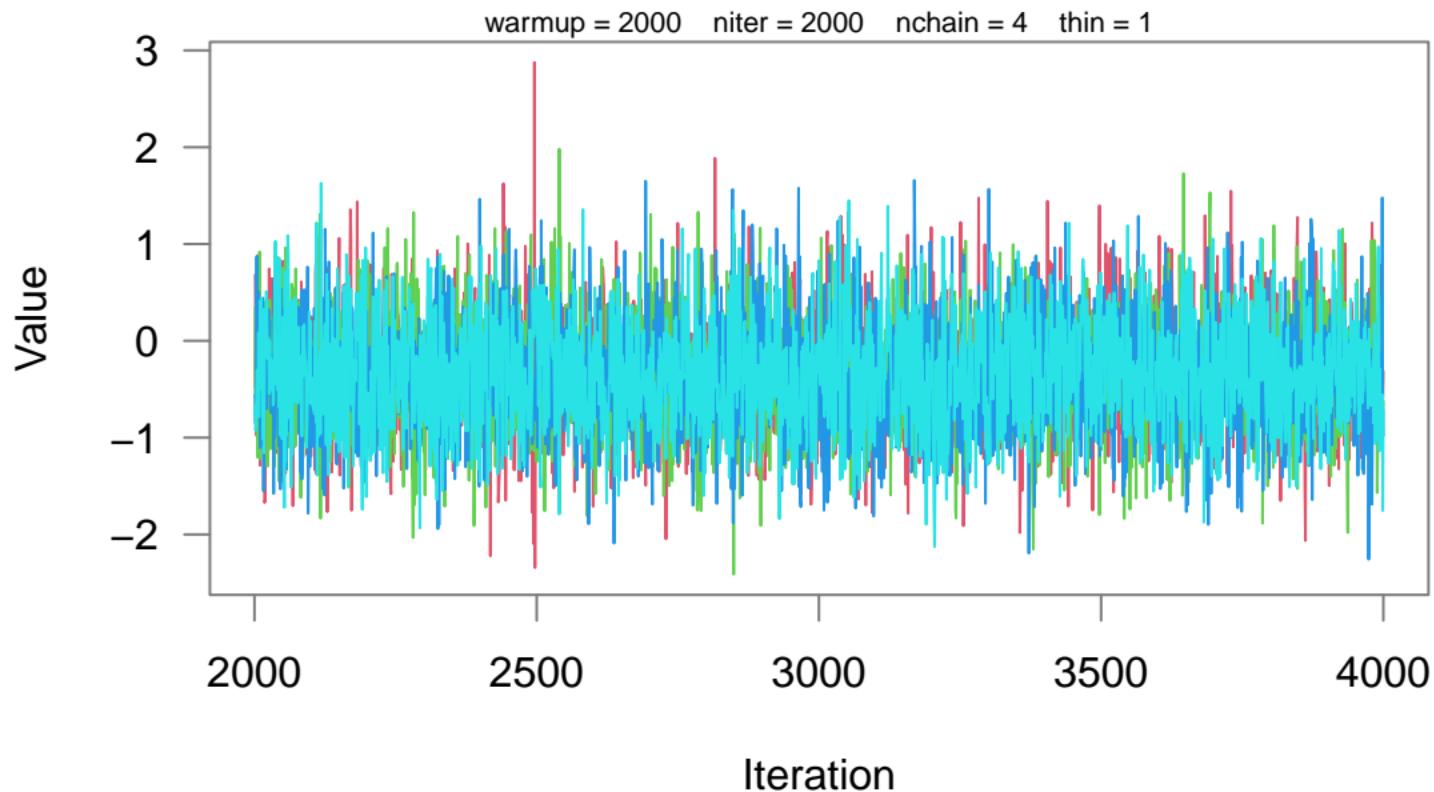


r_bay_fac:site_fac[Port.Wrangell_PW-4,Intercept]

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

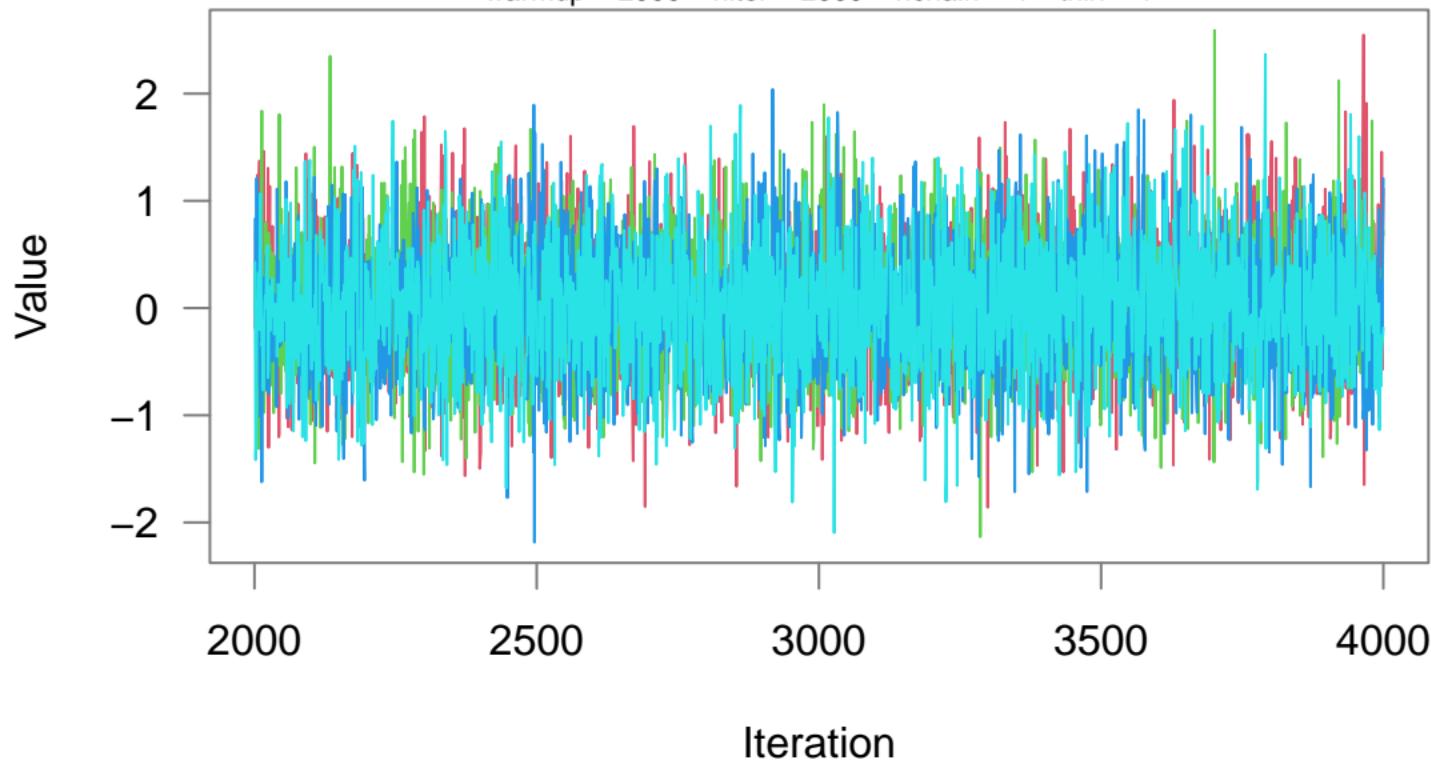


r_bay_fac:site_fac[Rodman.Reach_RR-1,Intercept]



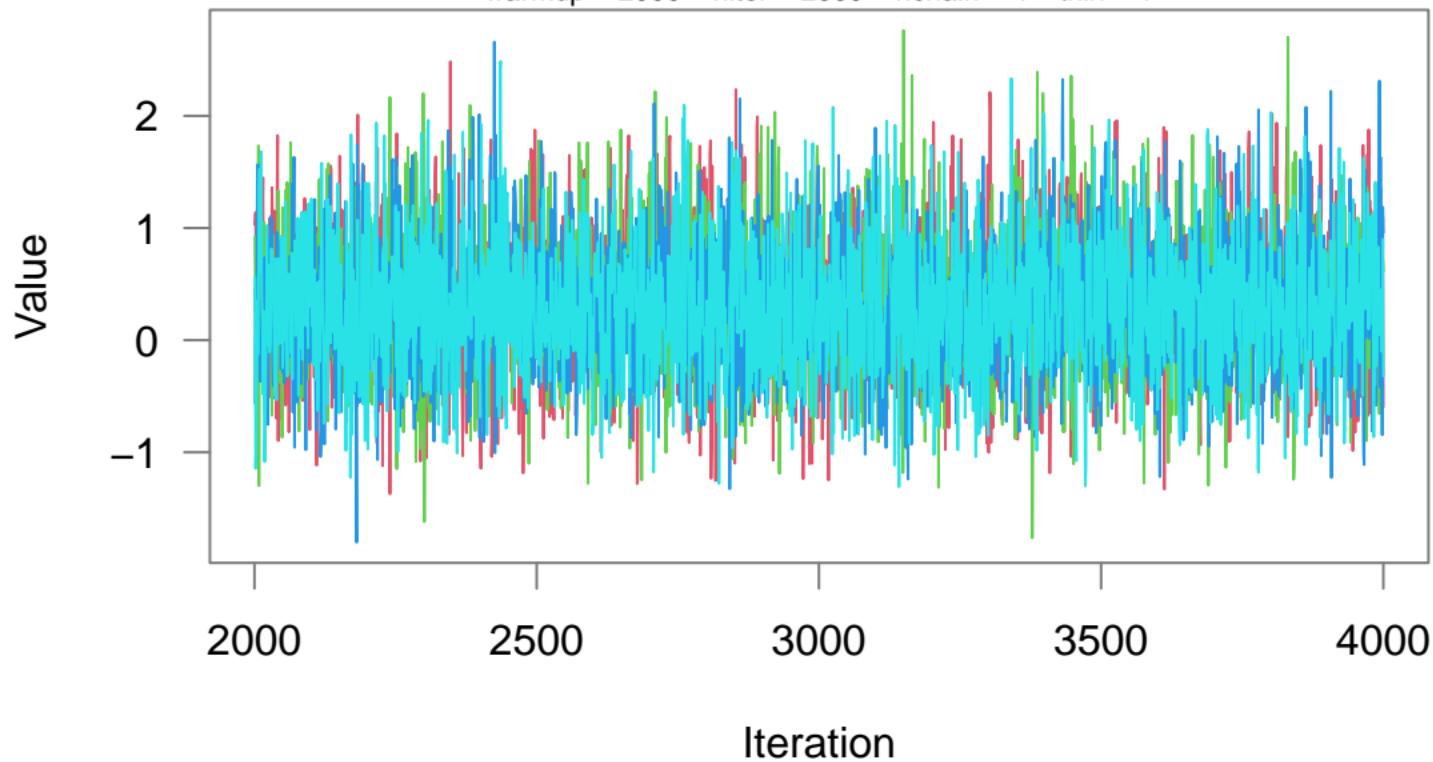
r_bay_fac:site_fac[Rodman.Reach_RR-2,Intercept]

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



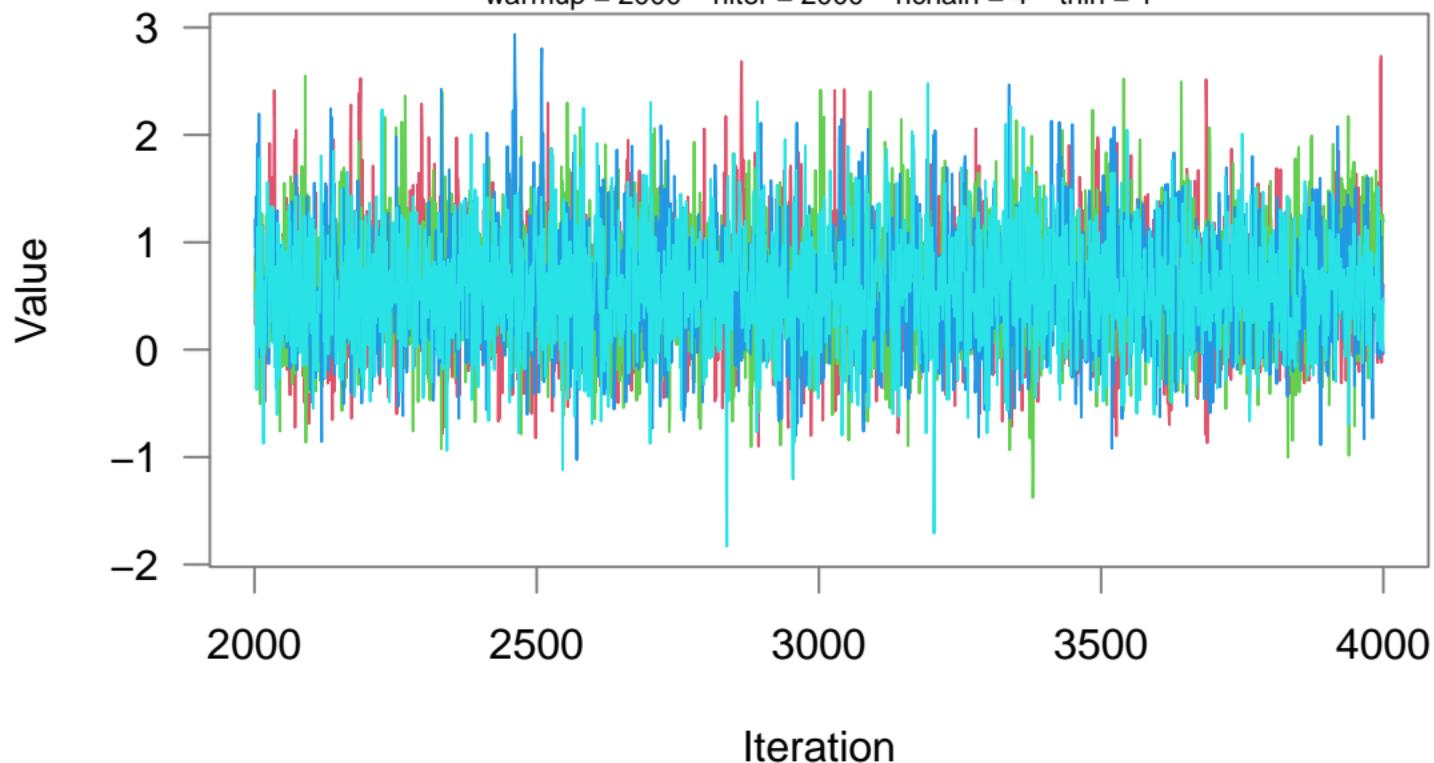
r_bay_fac:site_fac[Rodman.Reach_RR-3,Intercept]

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



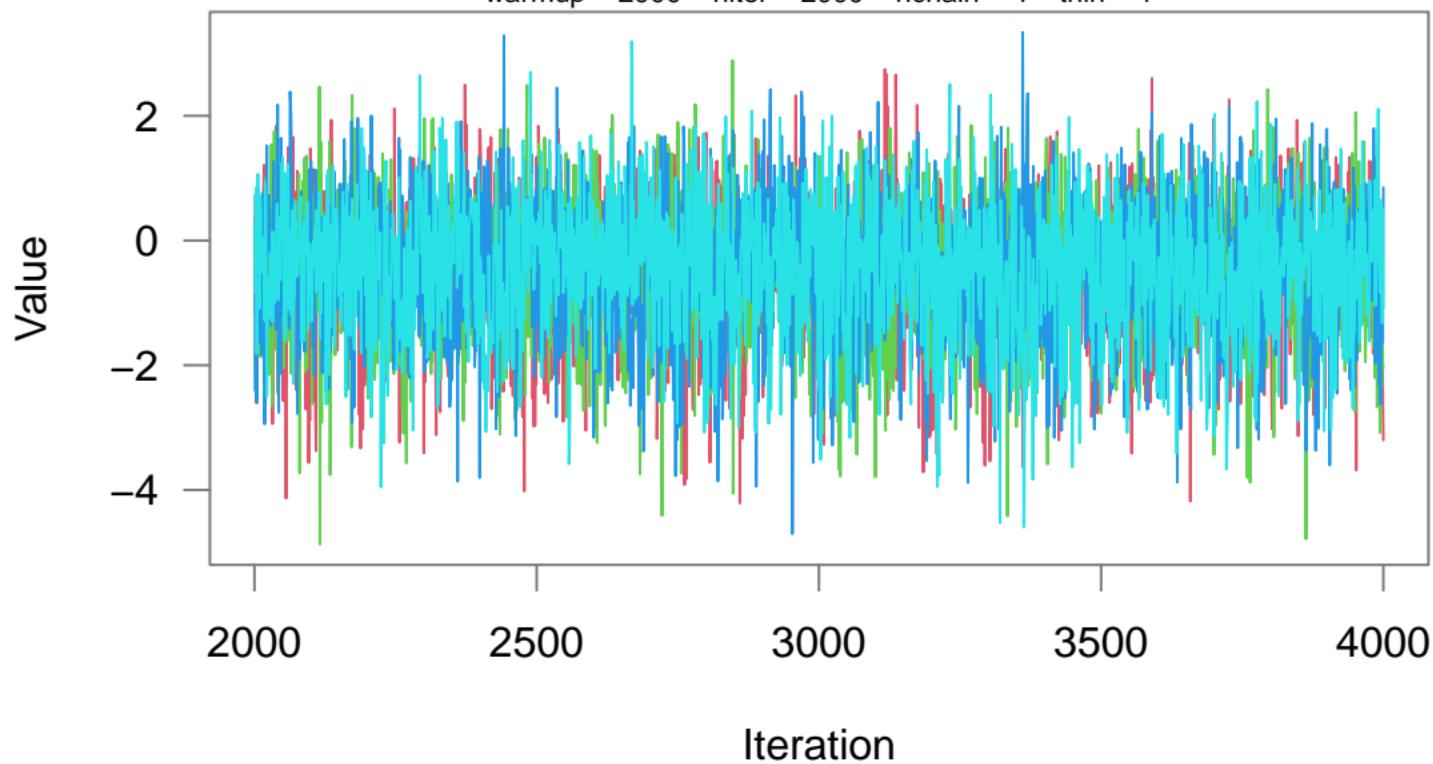
r_bay_fac:site_fac[Rodman.Reach_RR-4,Intercept]

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



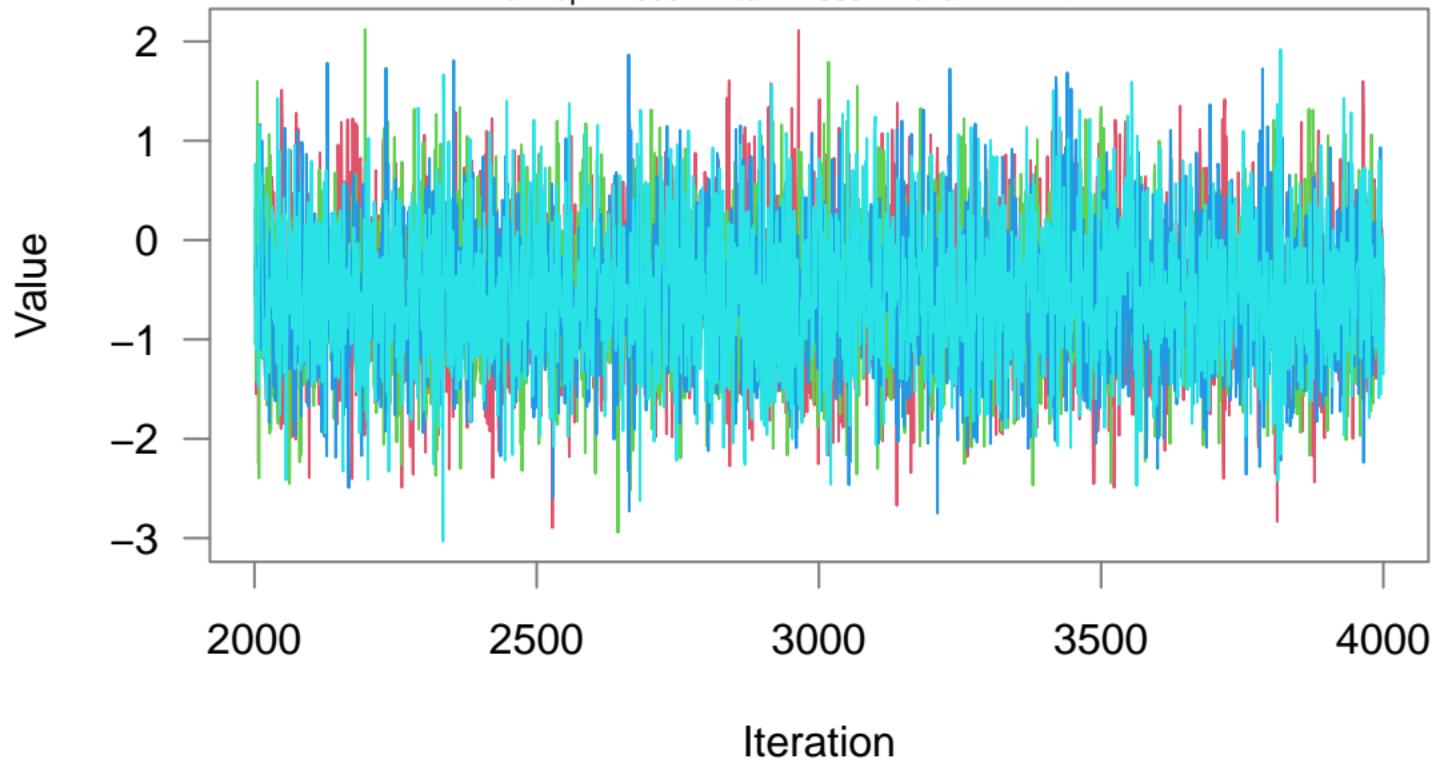
r_bay_fac:site_fac[Rodman.Reach_RR-5,Intercept]

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



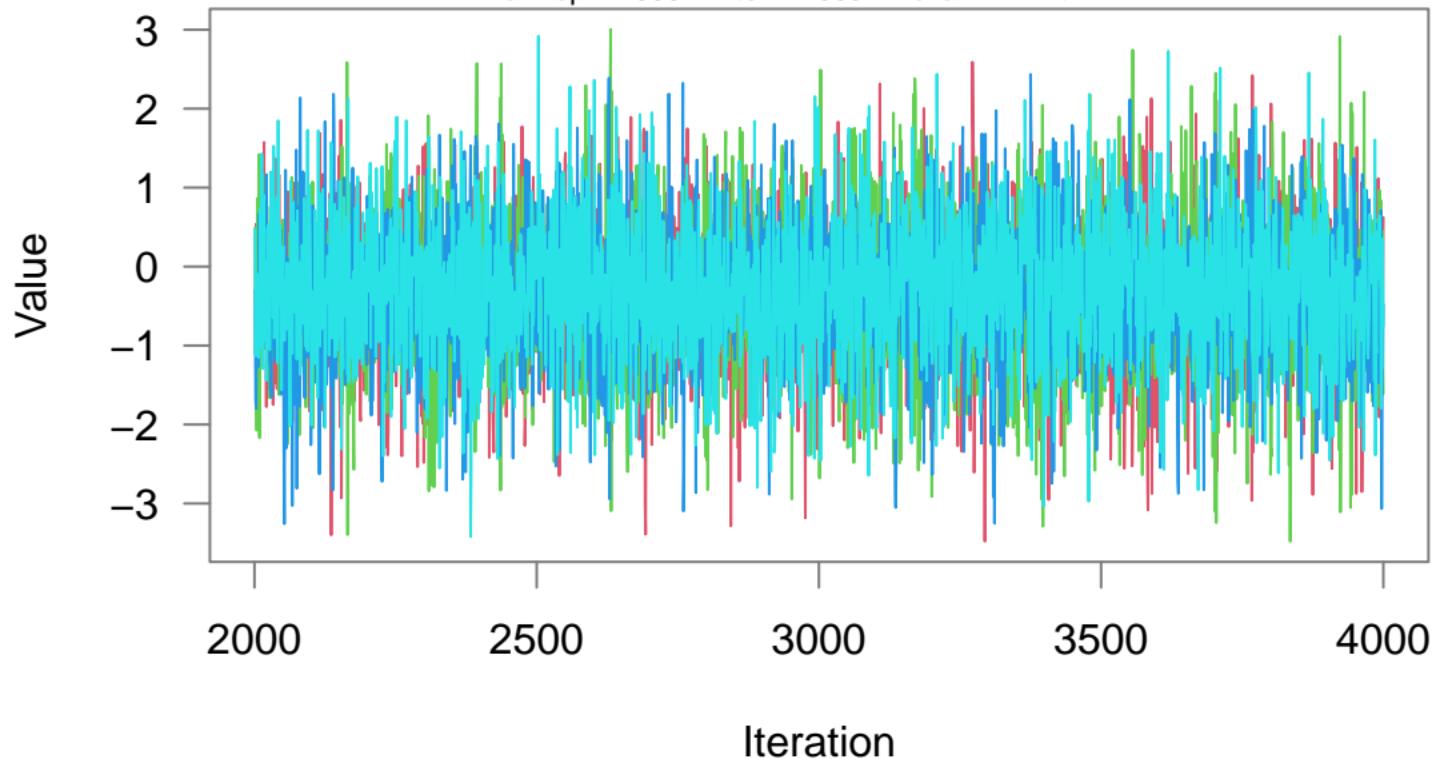
r_bay_fac:site_fac[Rodman.Reach_RR-6,Intercept]

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

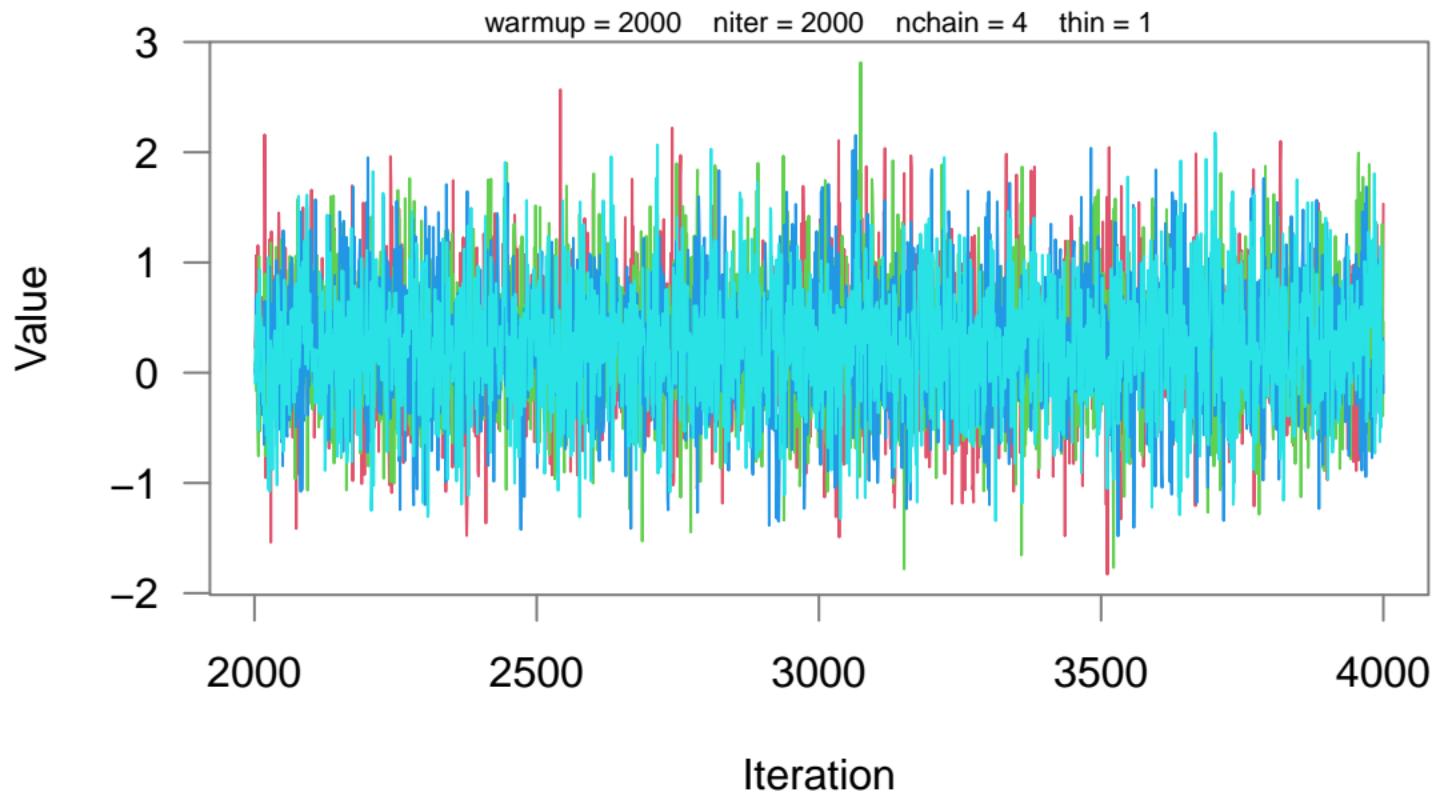


r_bay_fac:site_fac[Sand.Point_Sand-1,Intercept]

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

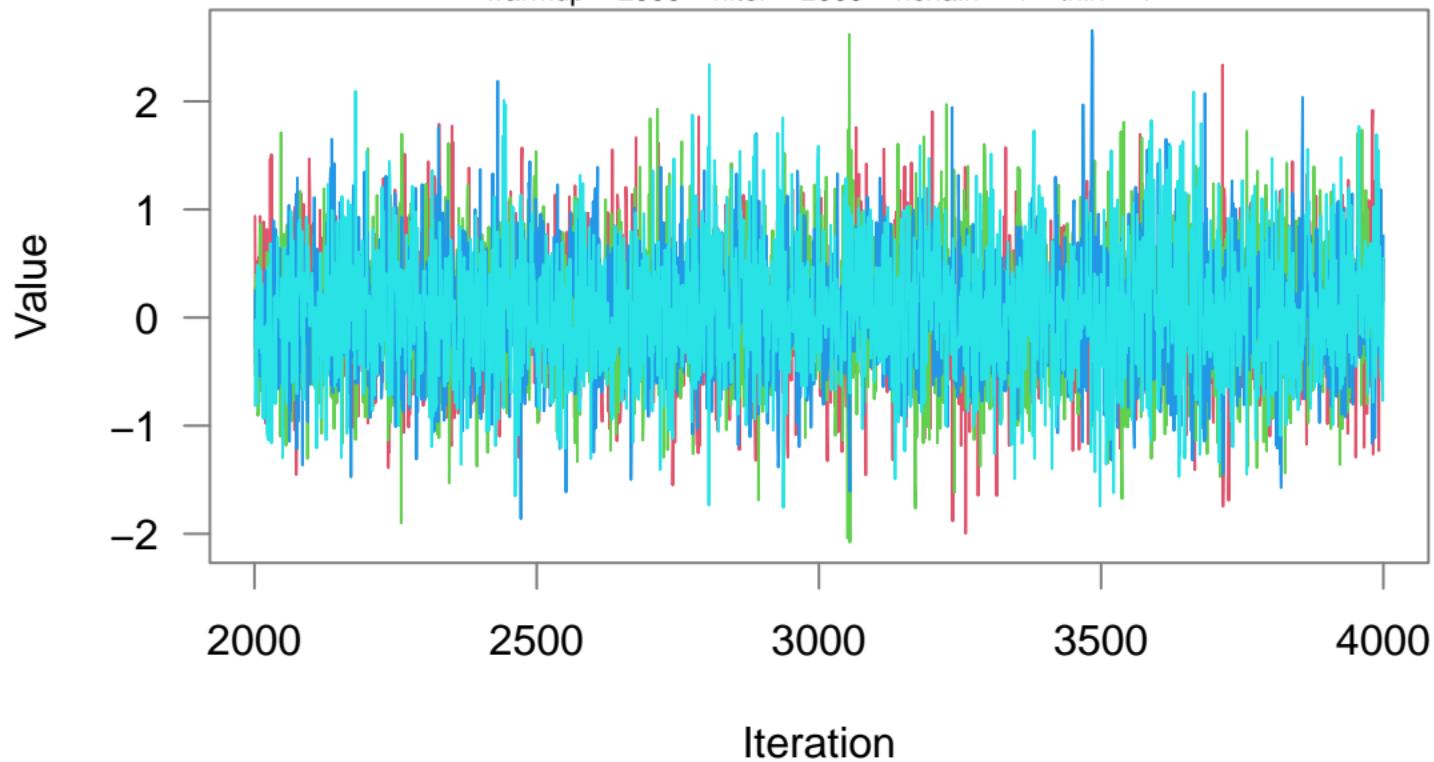


r_bay_fac:site_fac[Sand.Point_Sand-2,Intercept]



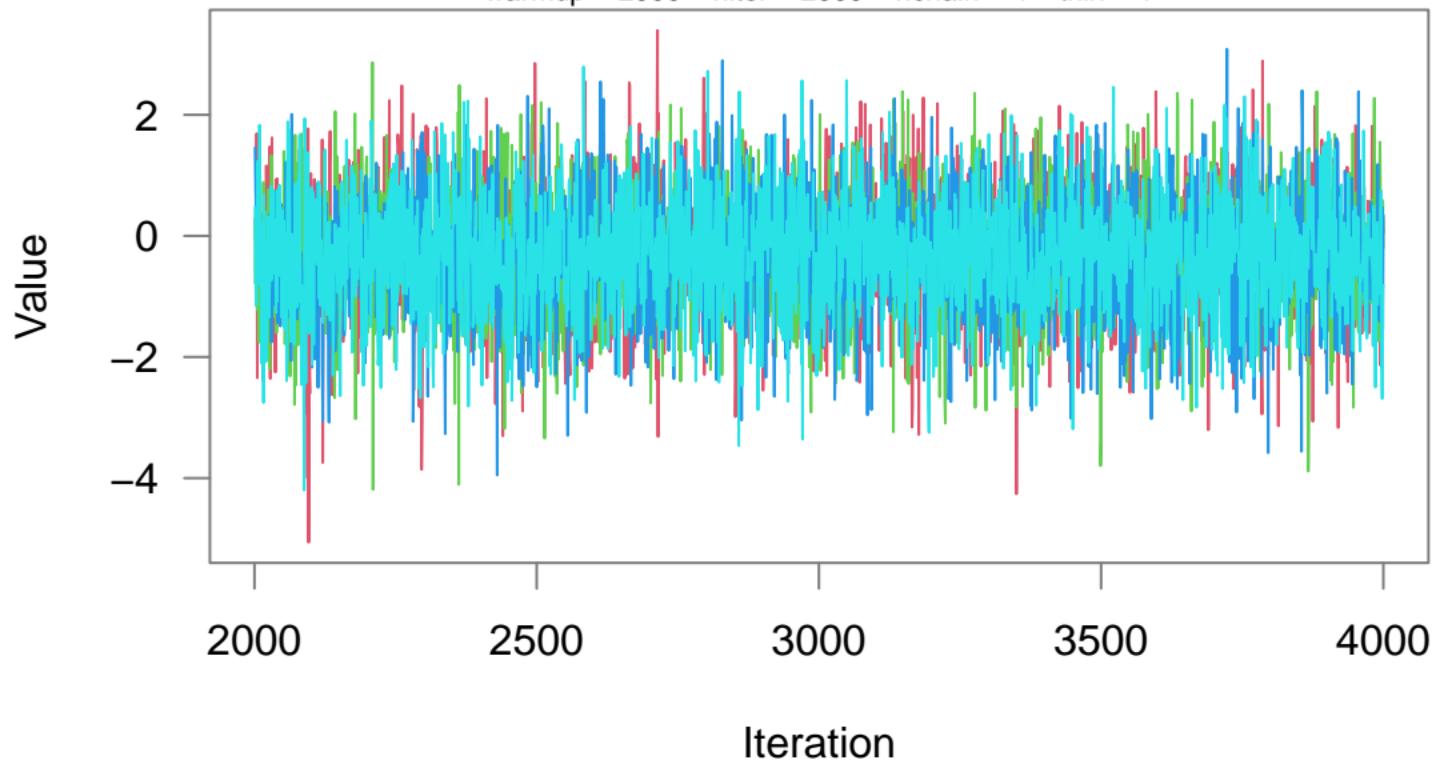
r_bay_fac:site_fac[Sand.Point_Sand-3,Intercept]

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



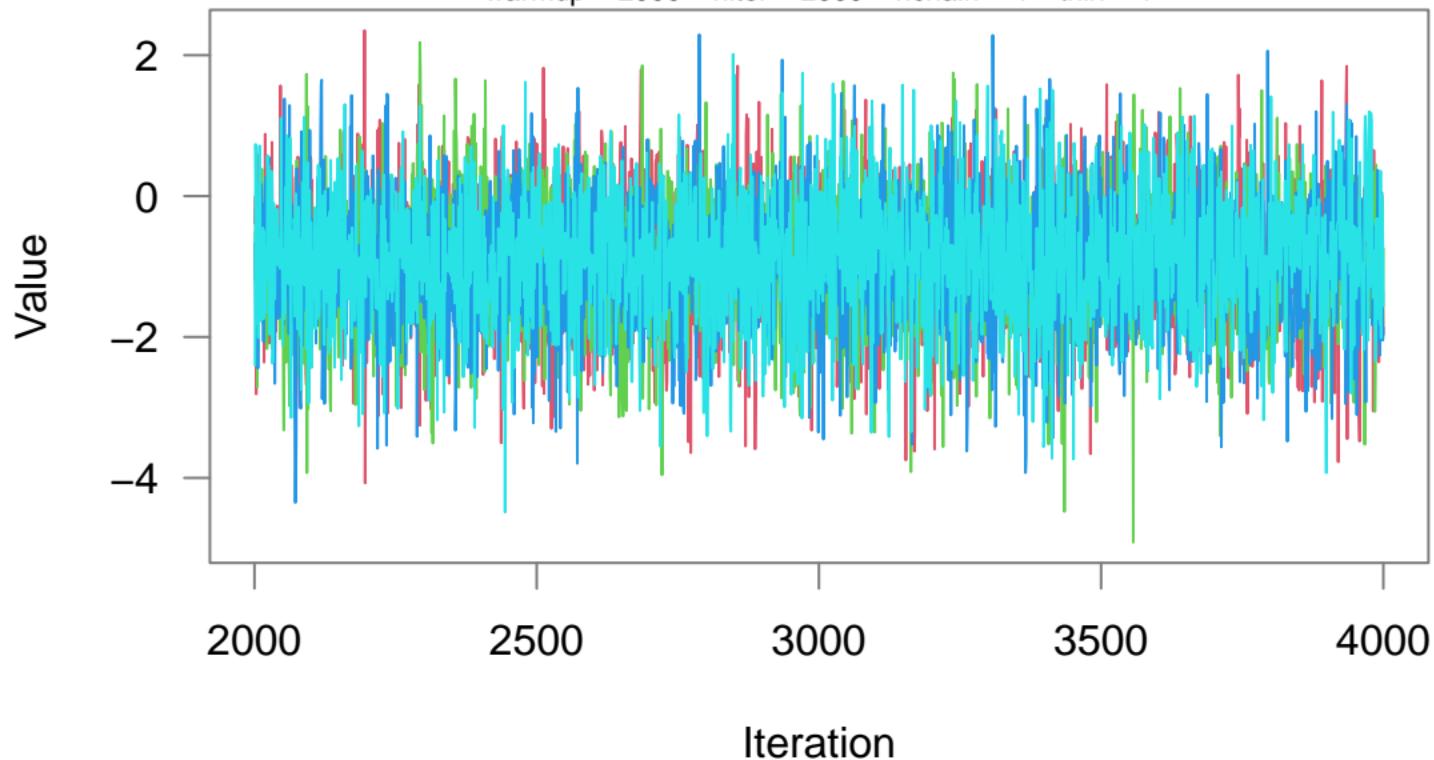
r_bay_fac:site_fac[Ugak_Ugak-1,Intercept]

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



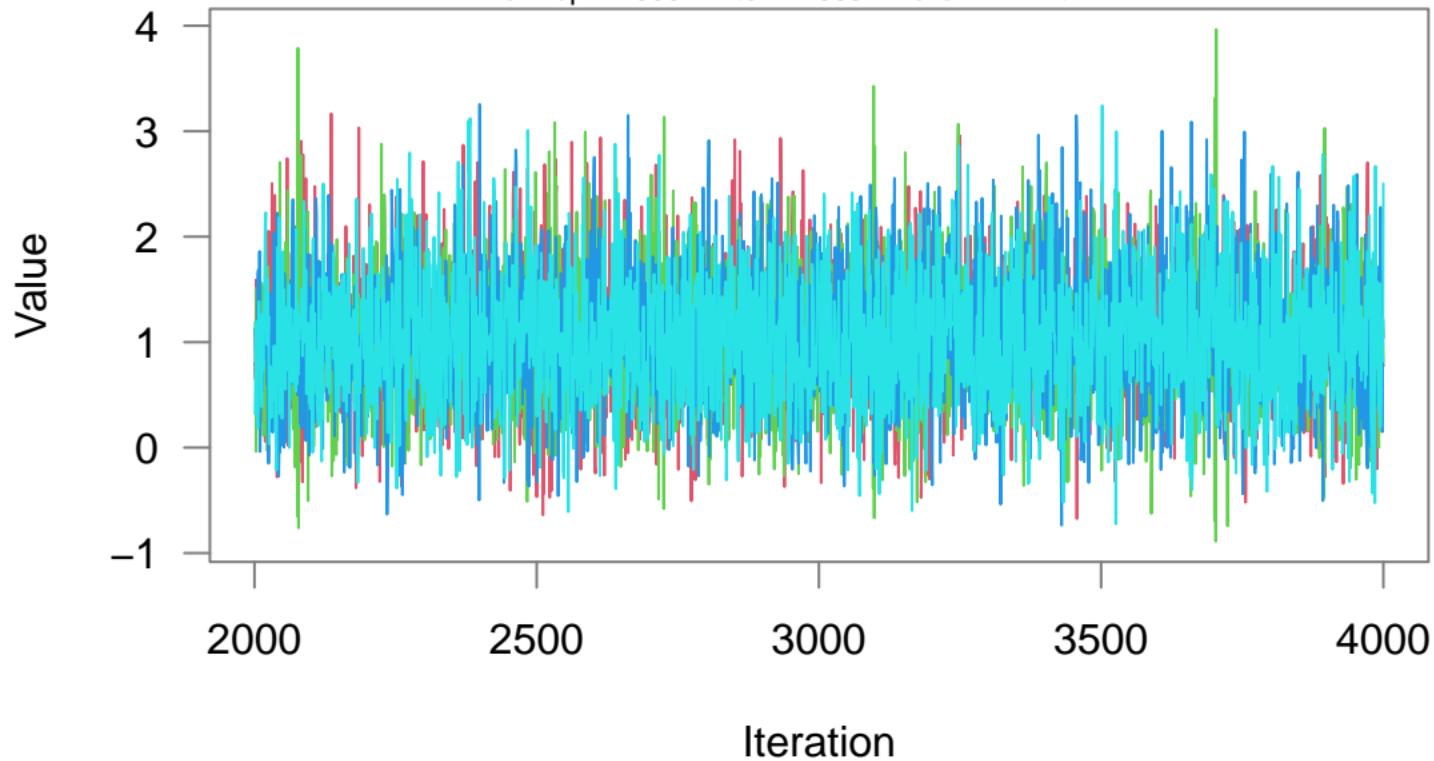
r_bay_fac:site_fac[Ugak_Ugak-2,Intercept]

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



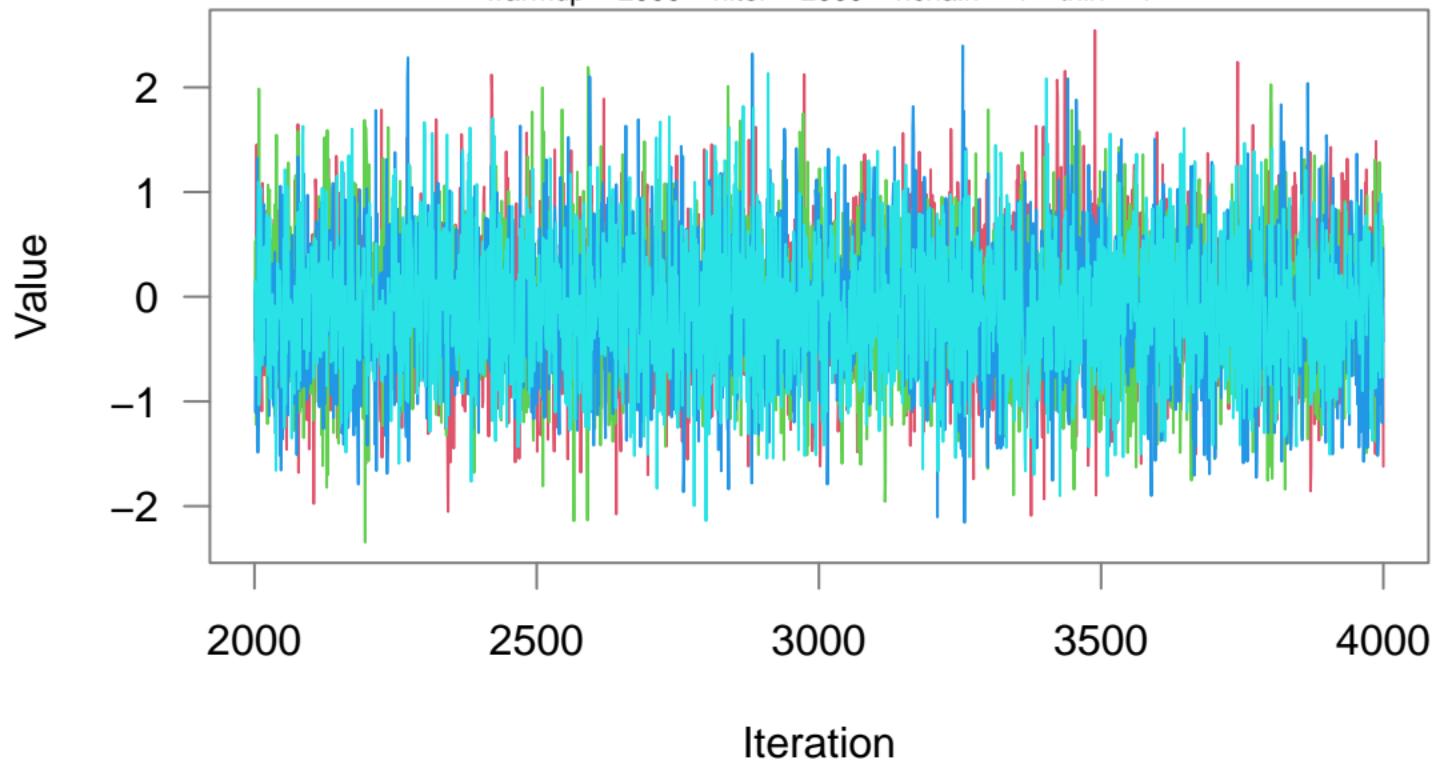
r_bay_fac:site_fac[Ugak_Ugak-3,Intercept]

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



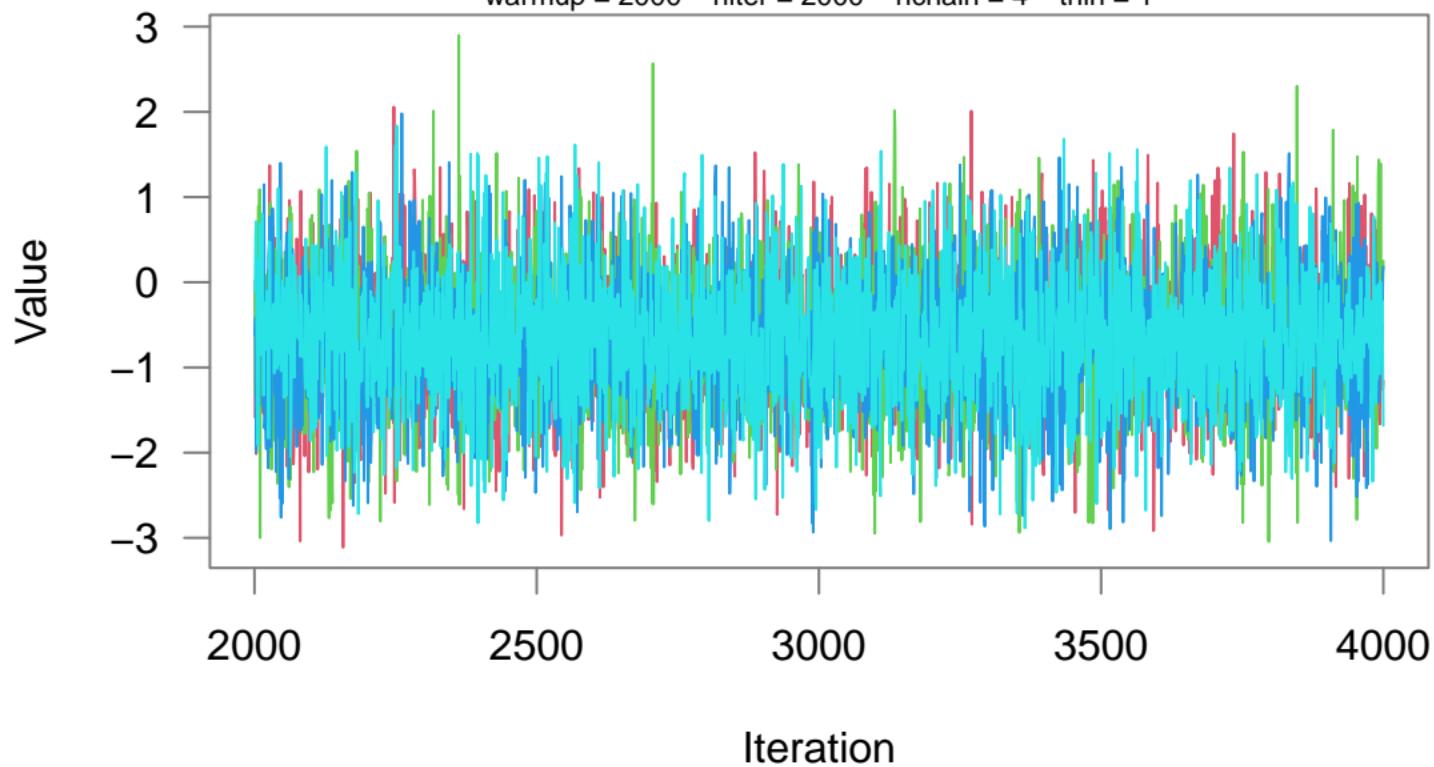
r_bay_fac:site_fac[Ugak_Ugak-4,Intercept]

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



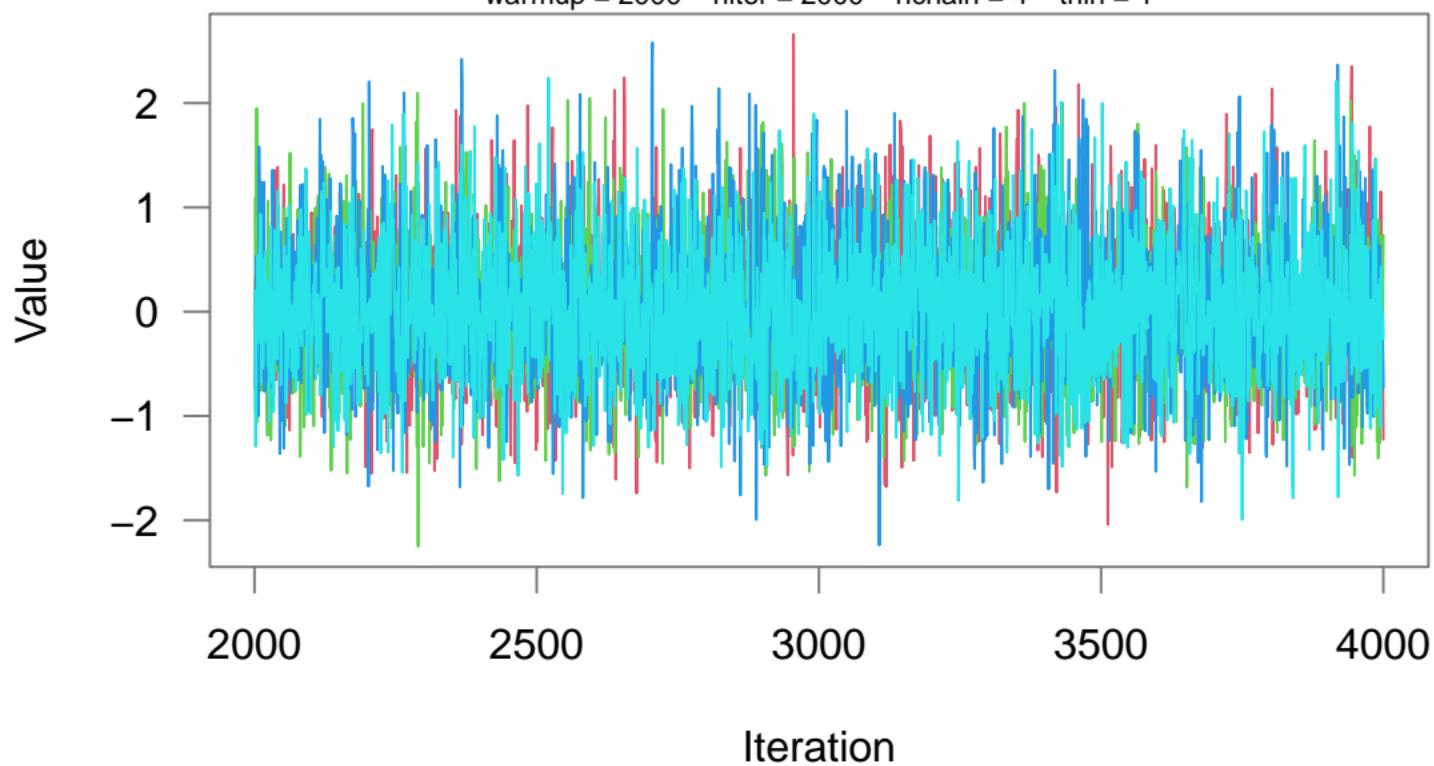
r_bay_fac:site_fac[Ugak_Ugak-5,Intercept]

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



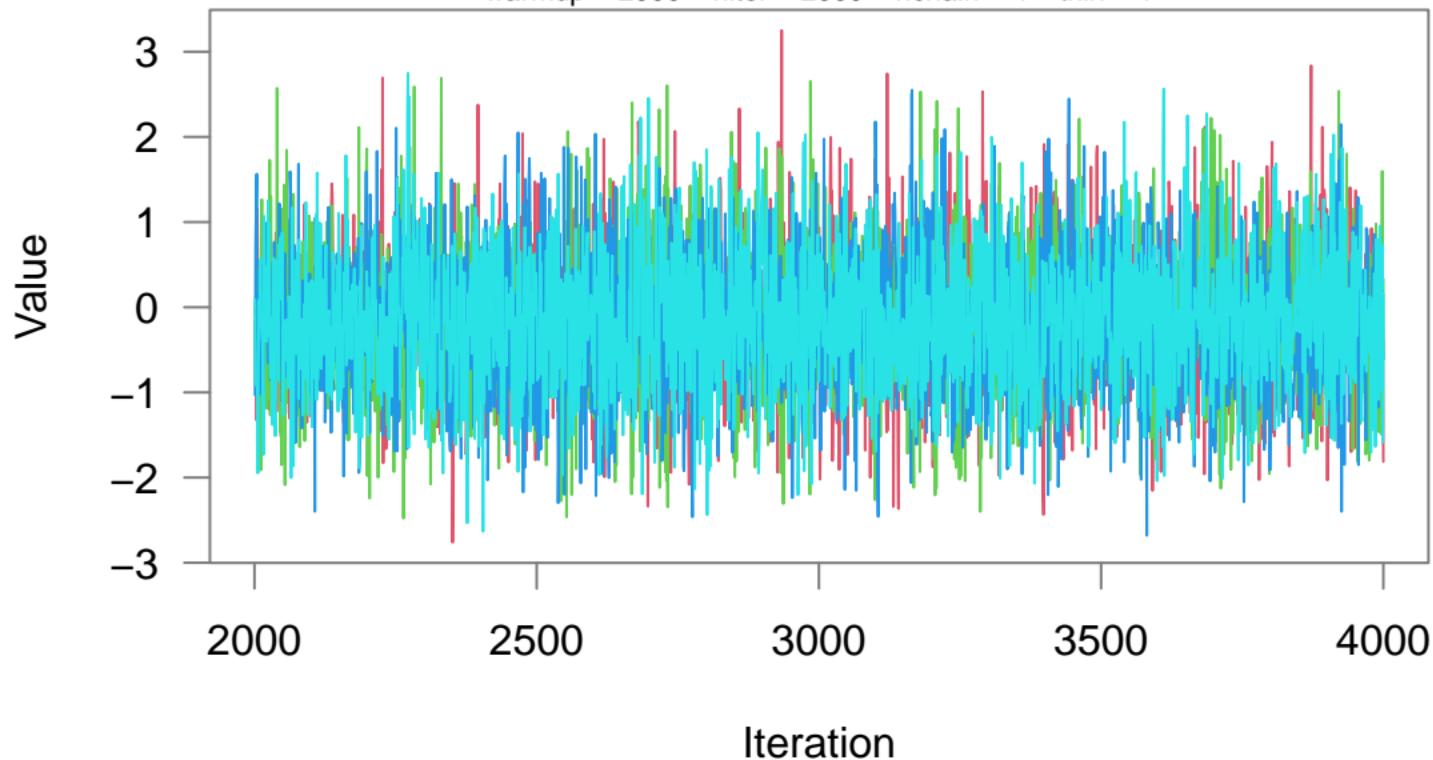
r_bay_fac:site_fac[Ugak_Ugak-6,Intercept]

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



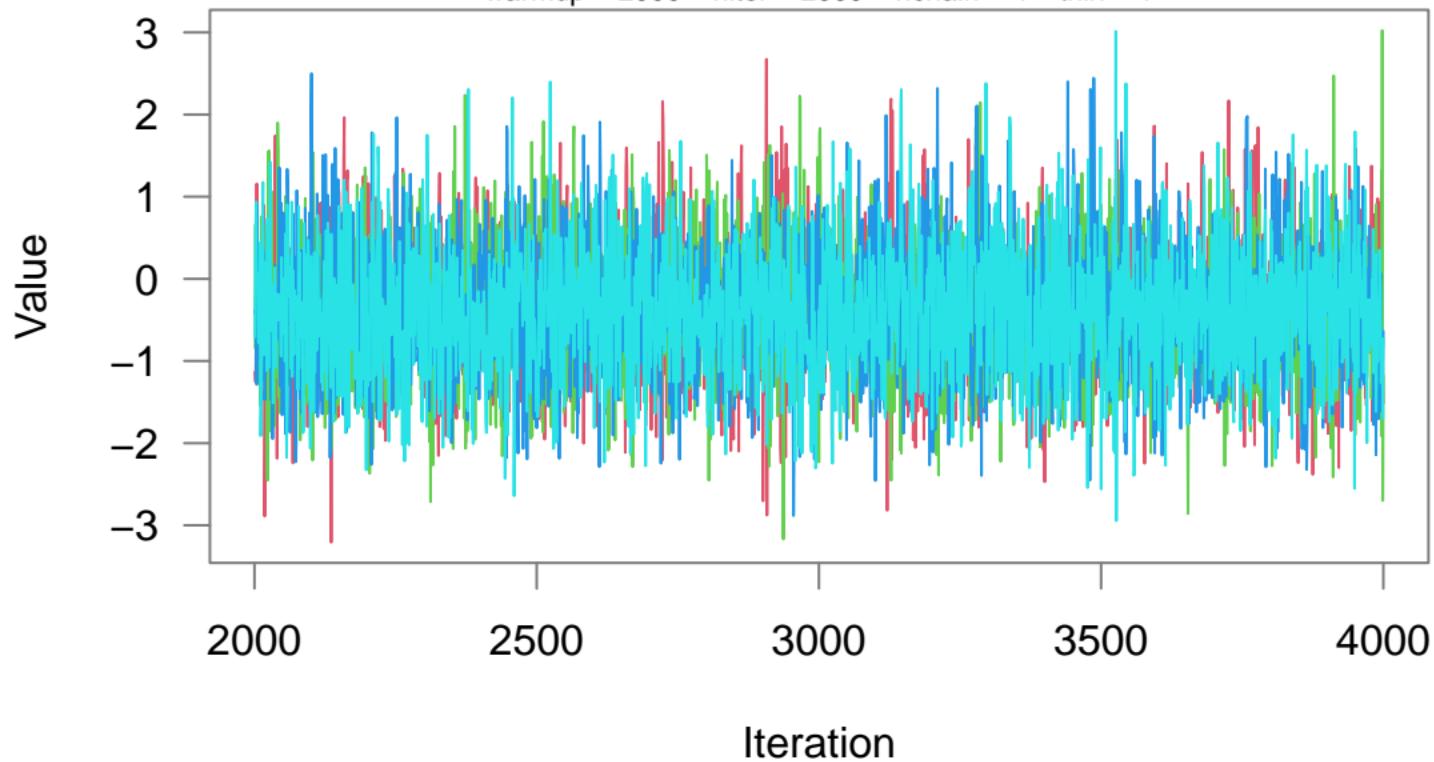
r_bay_fac:site_fac[Ugak_Ugak-7,Intercept]

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



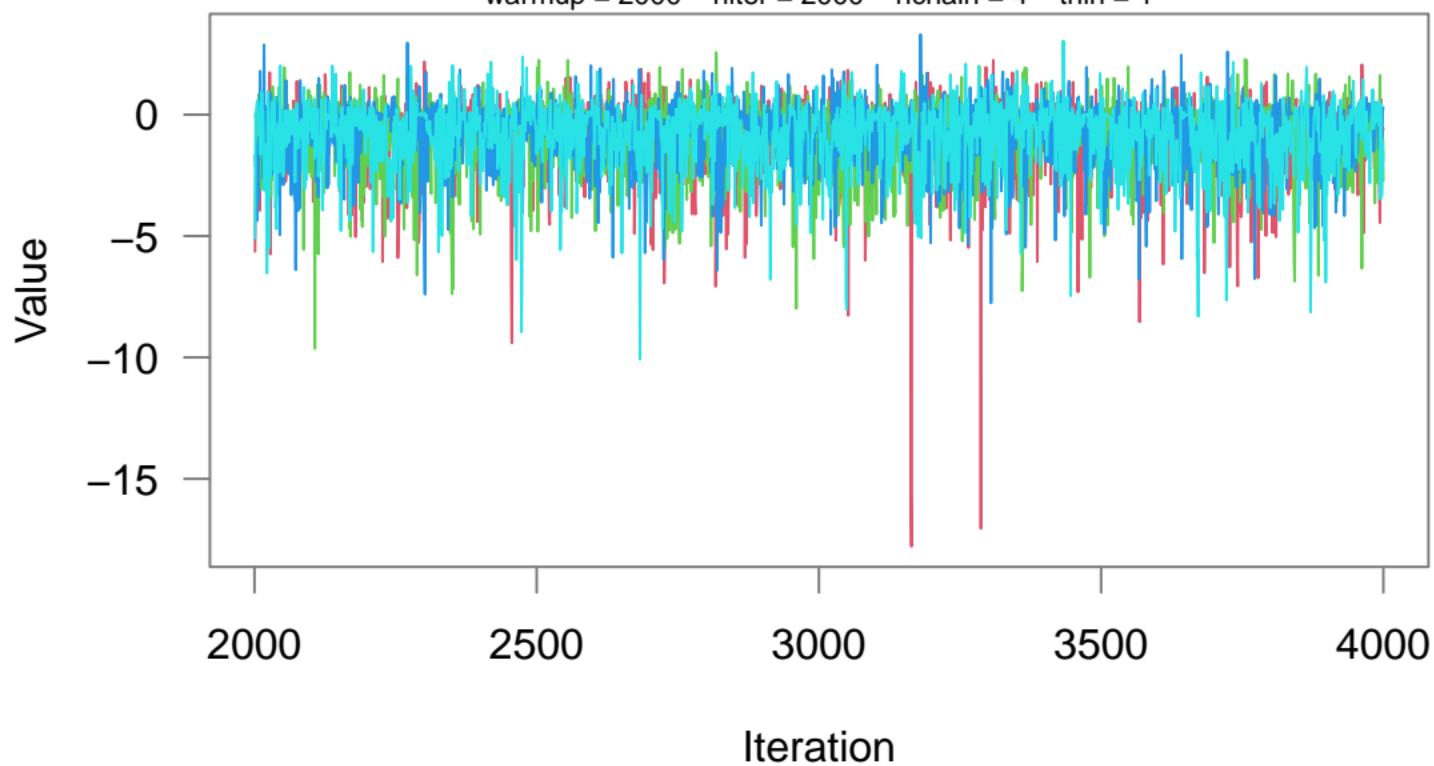
r_bay_fac:site_fac[Ugak_Ugak-8,Intercept]

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



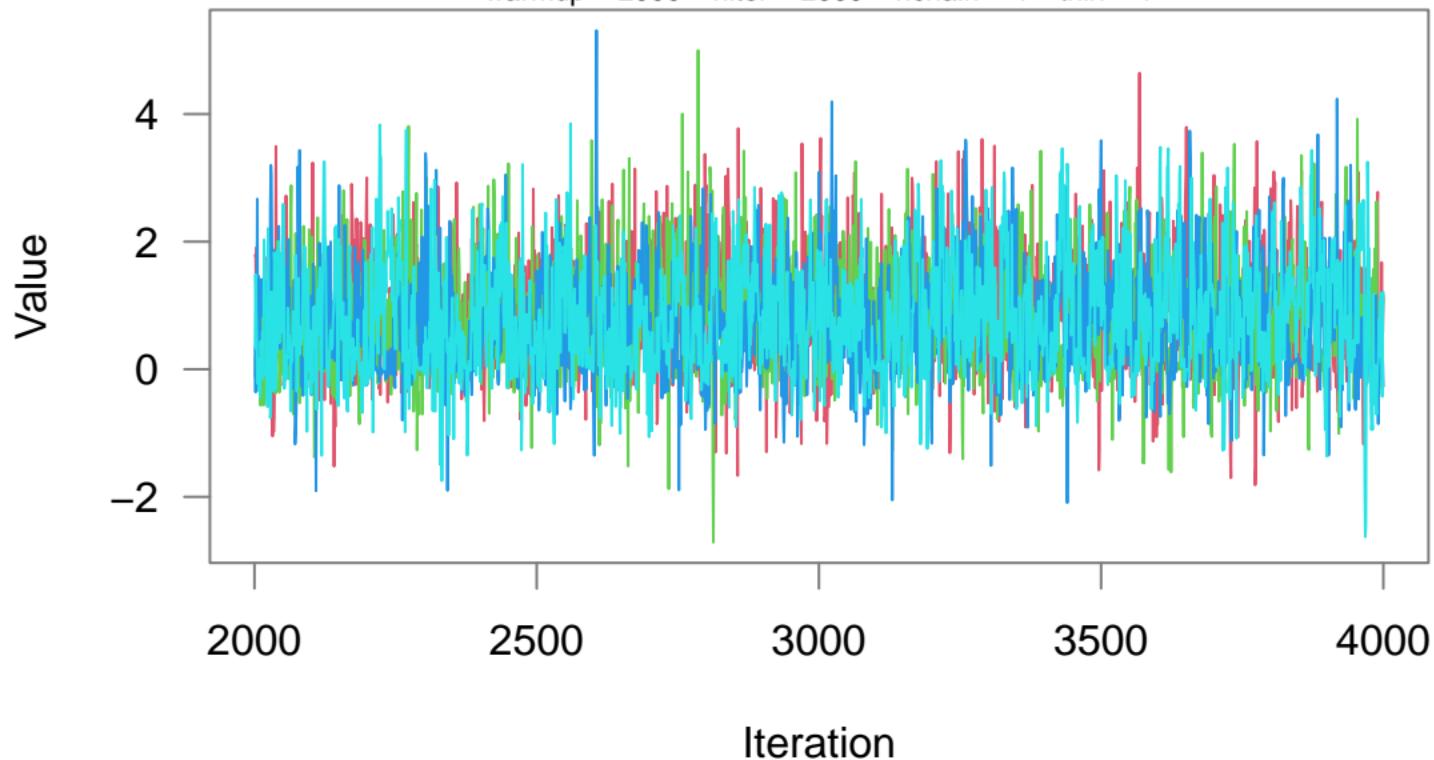
r_bay_fac_zi[Agripina,Intercept]

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



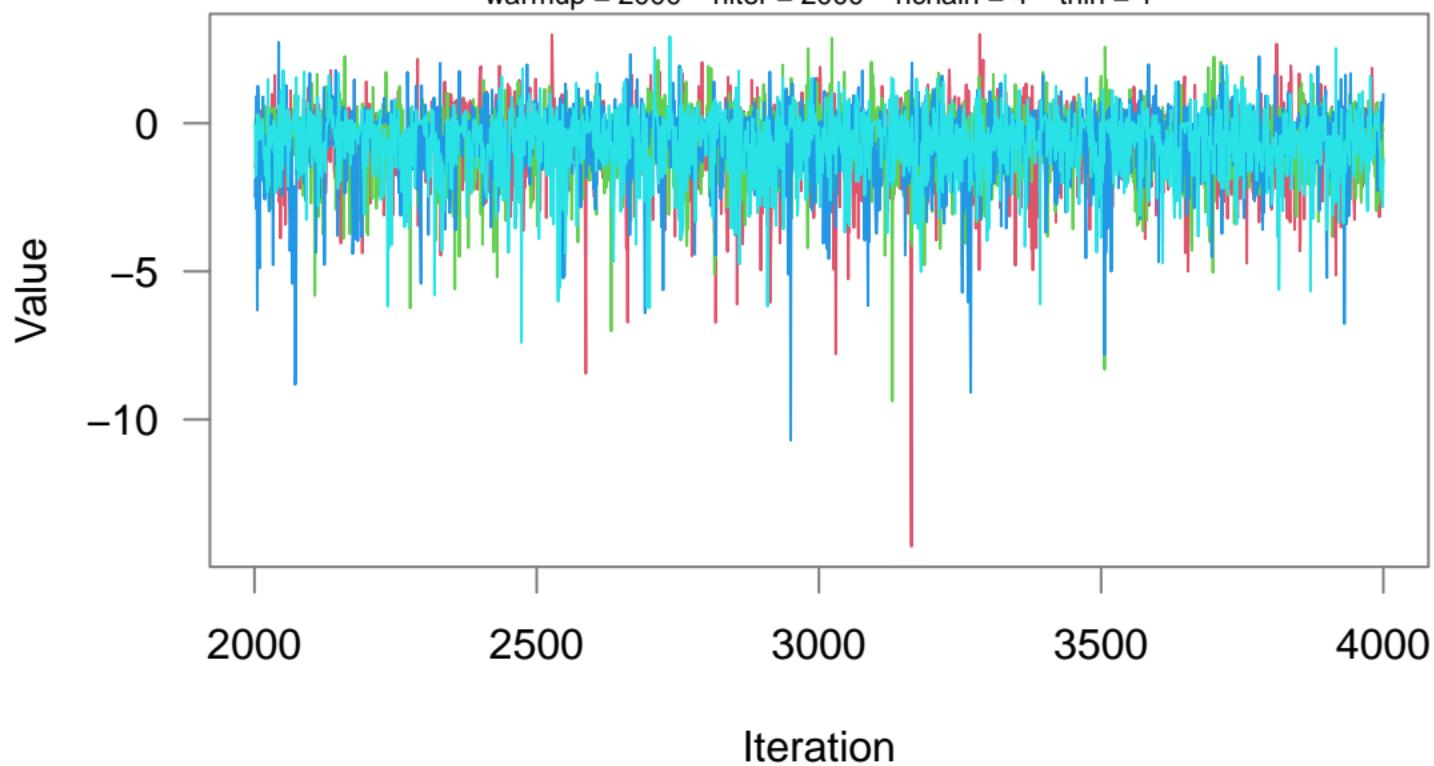
r_bay_fac__zi[Anton.Larsen,Intercept]

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



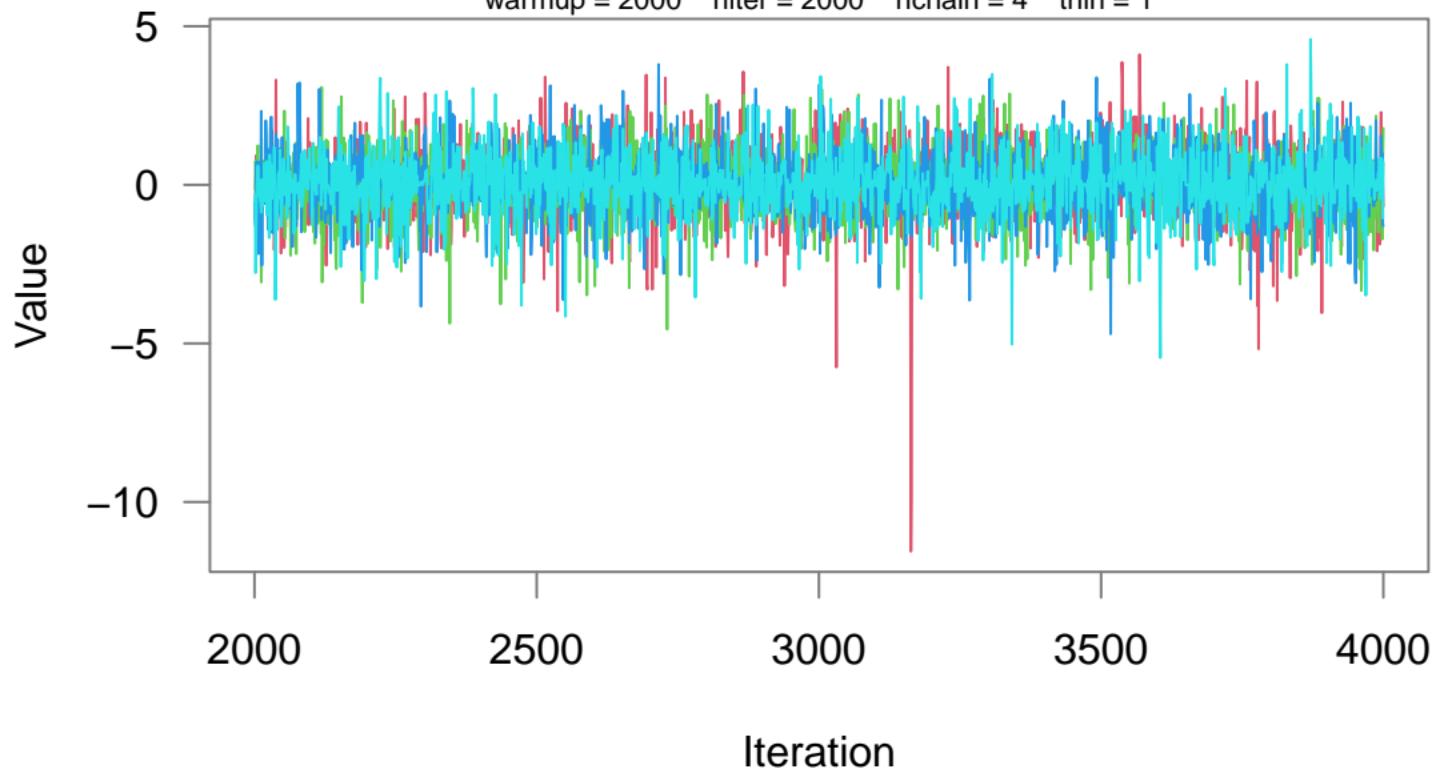
r_bay_fac_zi[Balboa,Intercept]

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



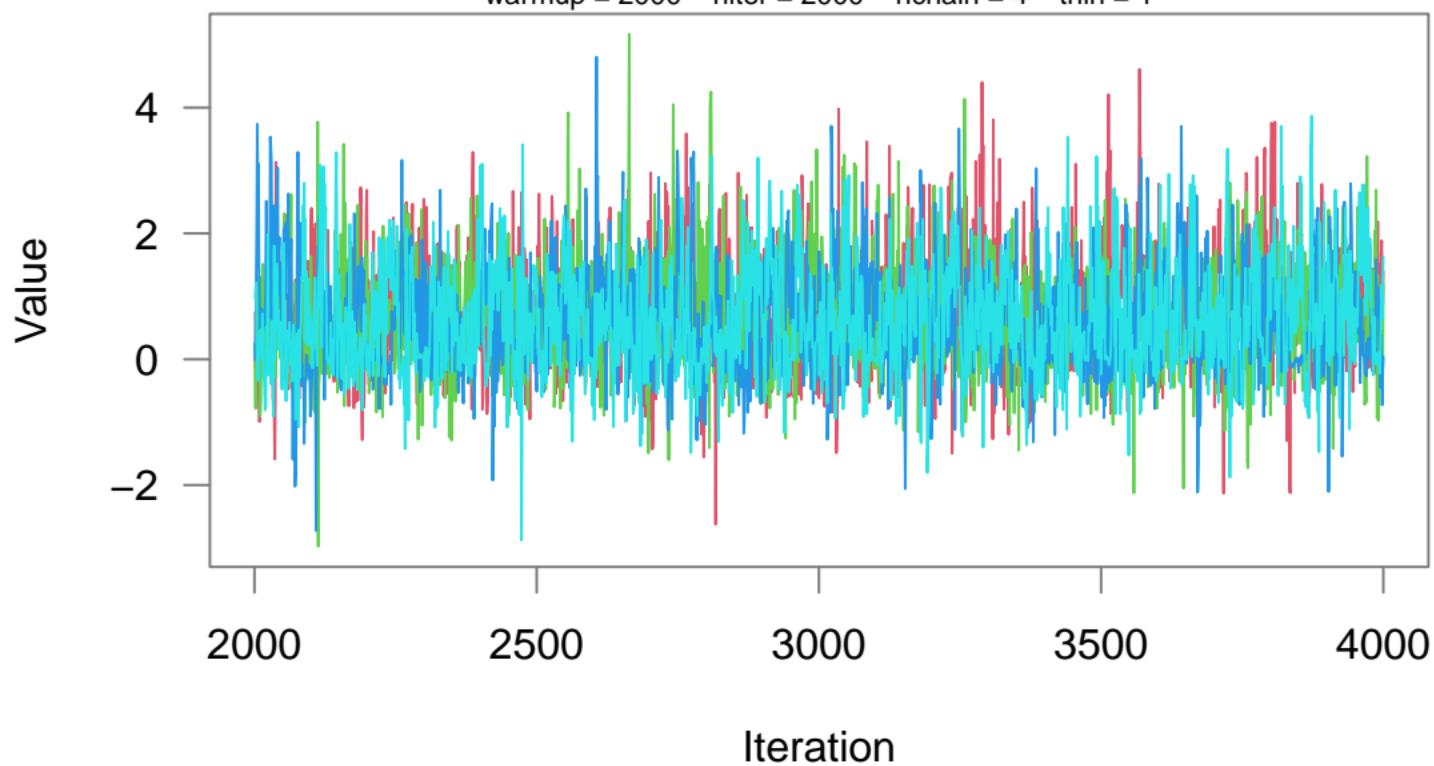
r_bay_fac_zi[Baralof,Intercept]

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



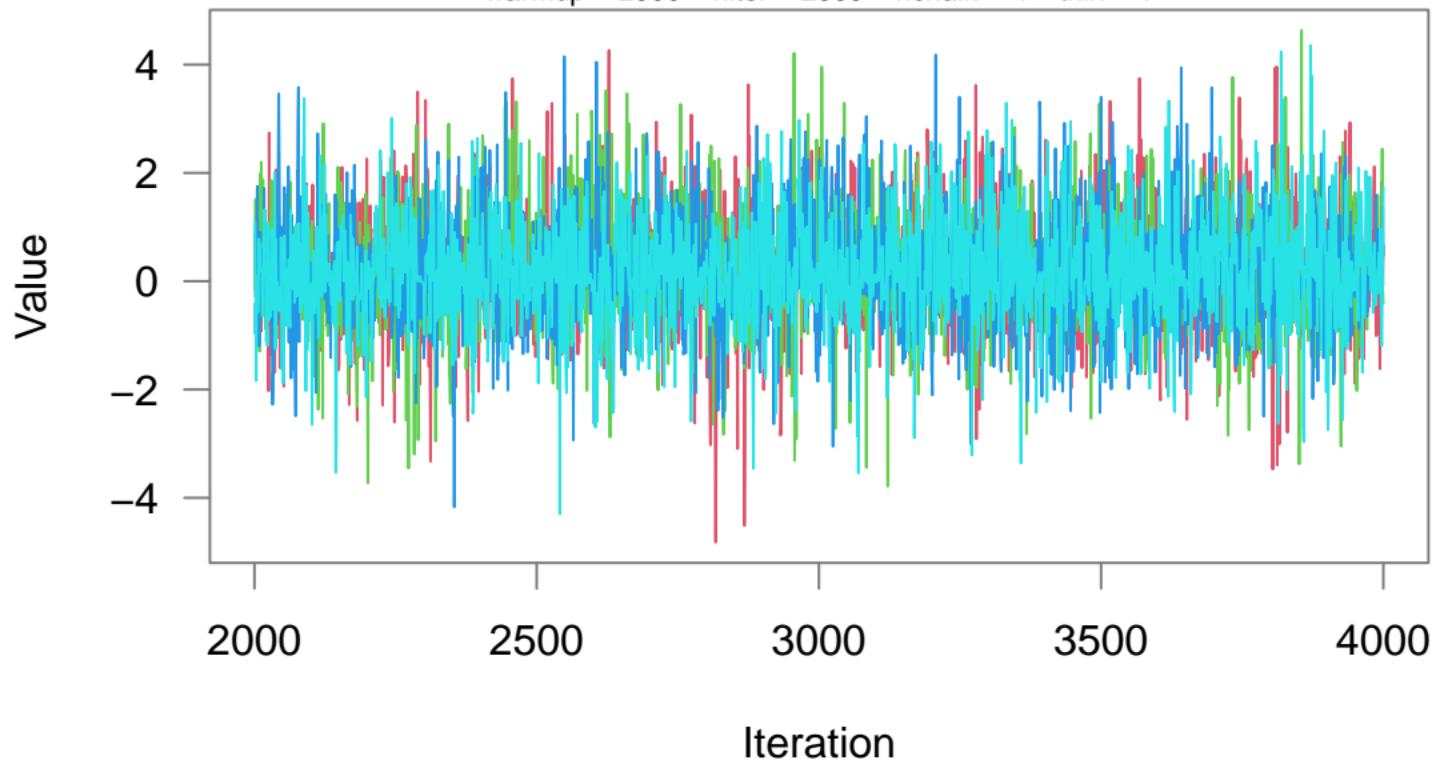
r_bay_fac_zi[Cook,Intercept]

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



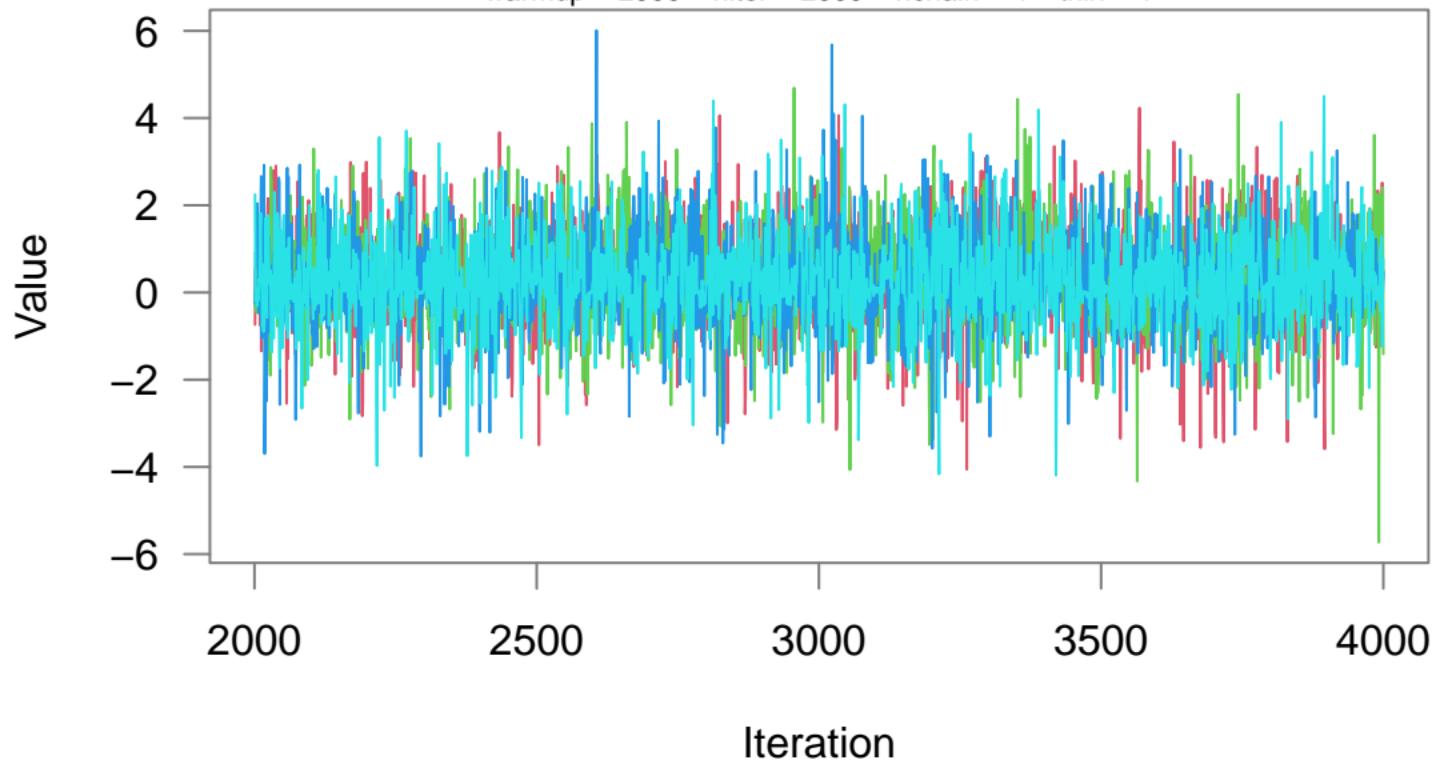
r_bay_fac_zi[Falmouth,Intercept]

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



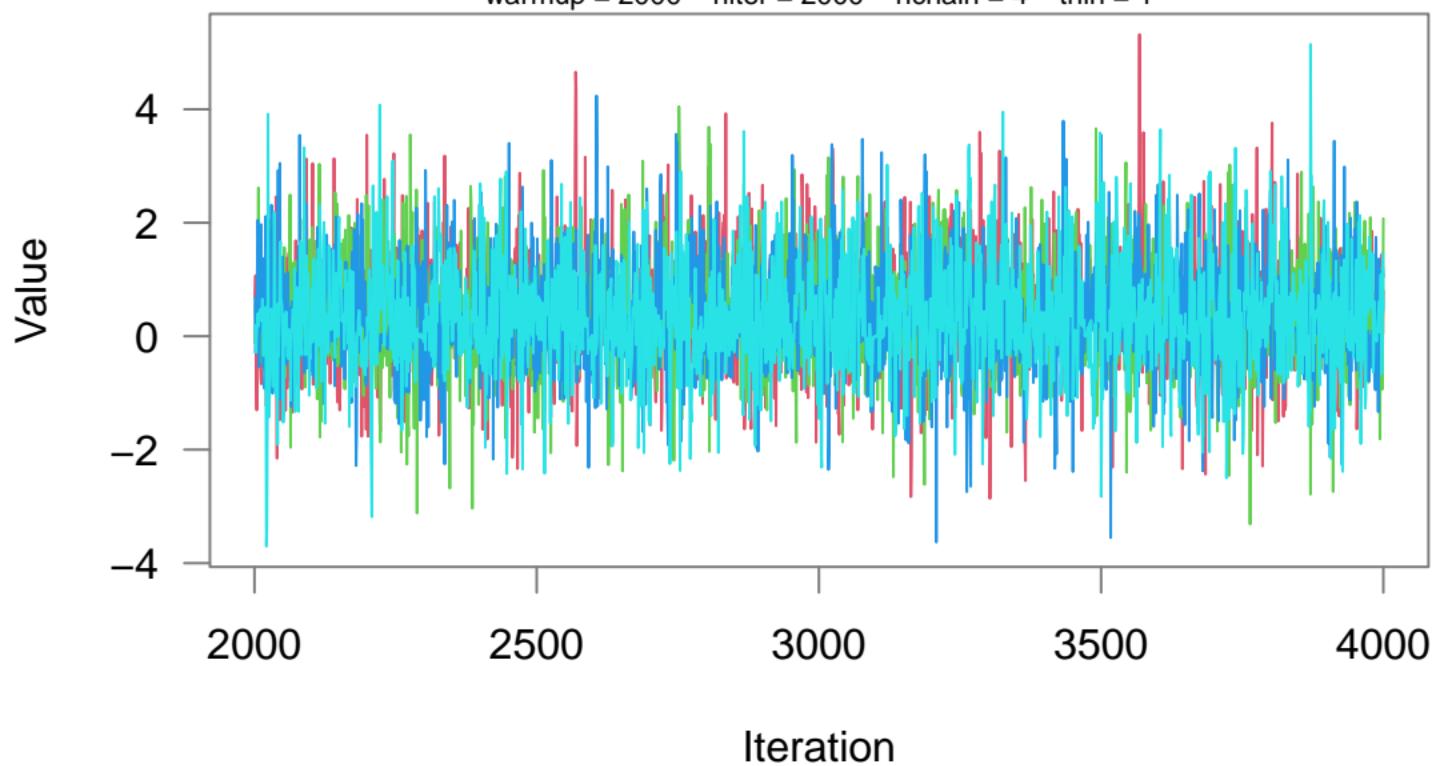
r_bay_fac_zi[Fox,Intercept]

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



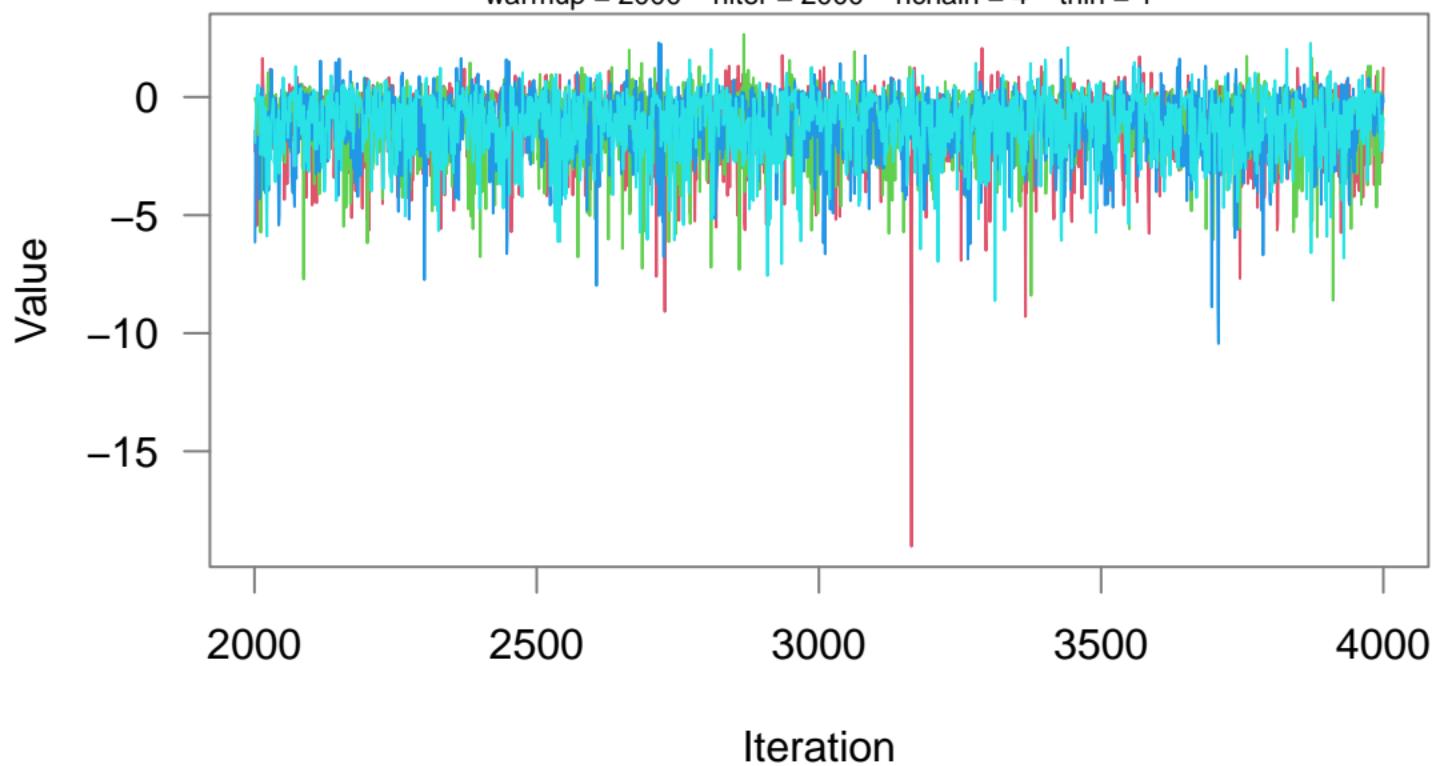
r_bay_fac_zi[Japanese,Intercept]

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



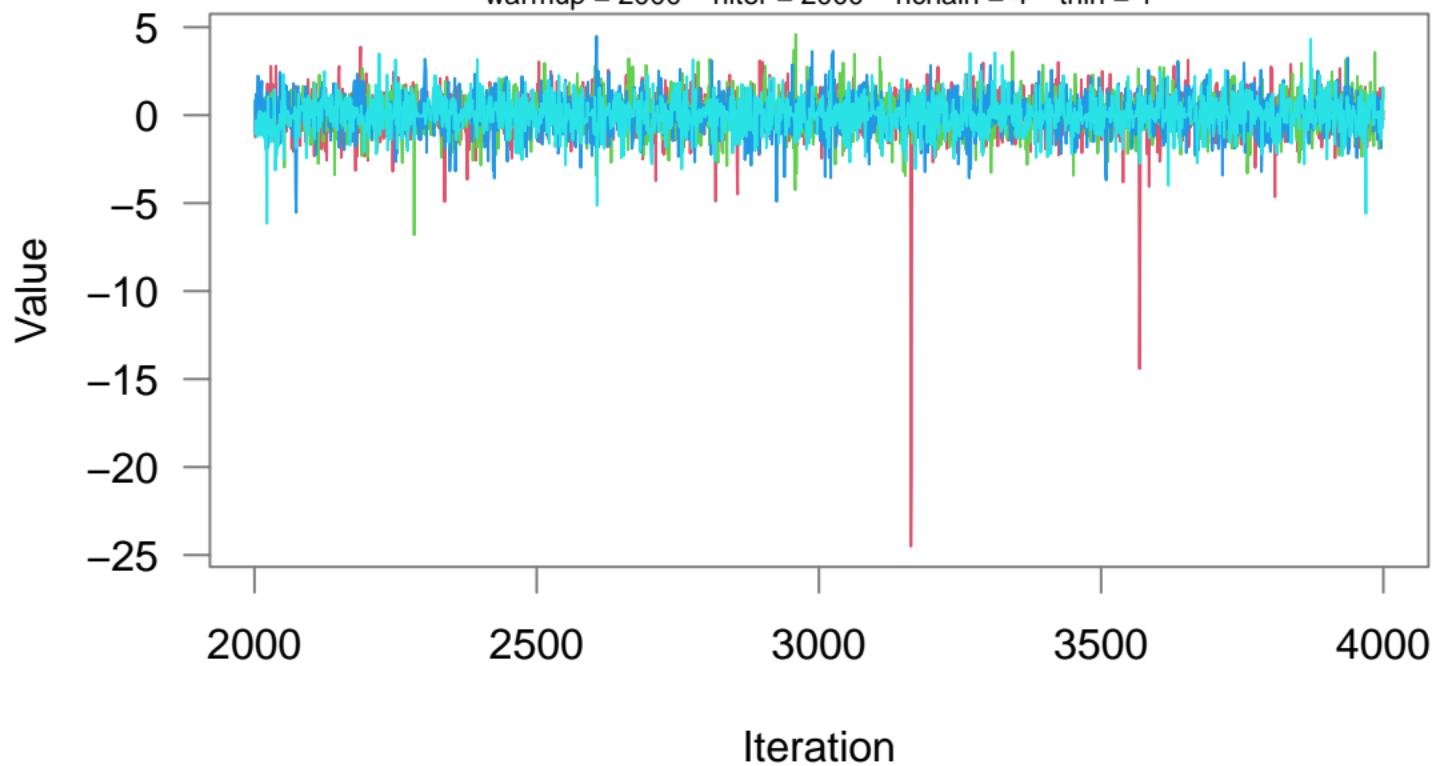
r_bay_fac_zi[Kaiugnak,Intercept]

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



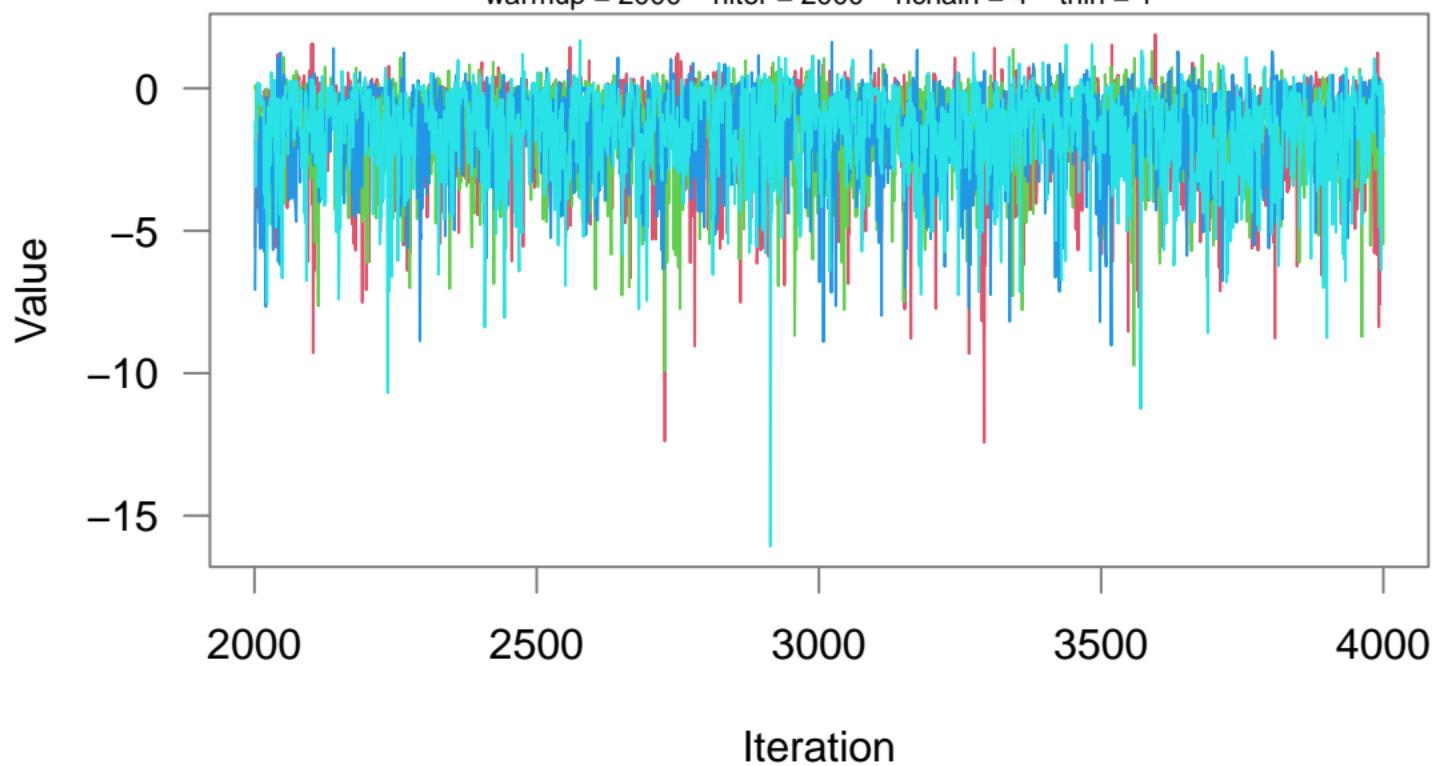
r_bay_fac_zi[Kiliuda,Intercept]

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



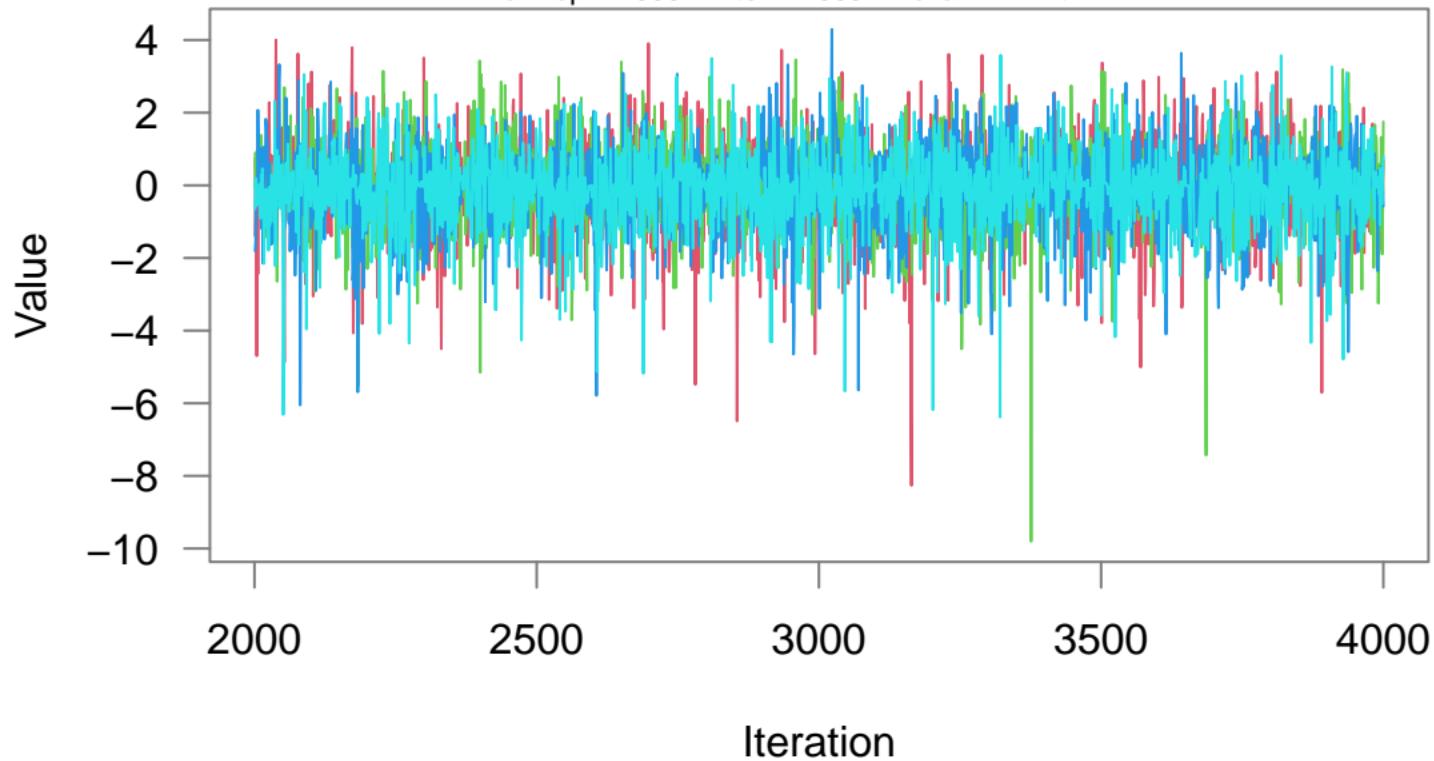
r_bay_fac_zi[Mitrofania,Intercept]

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



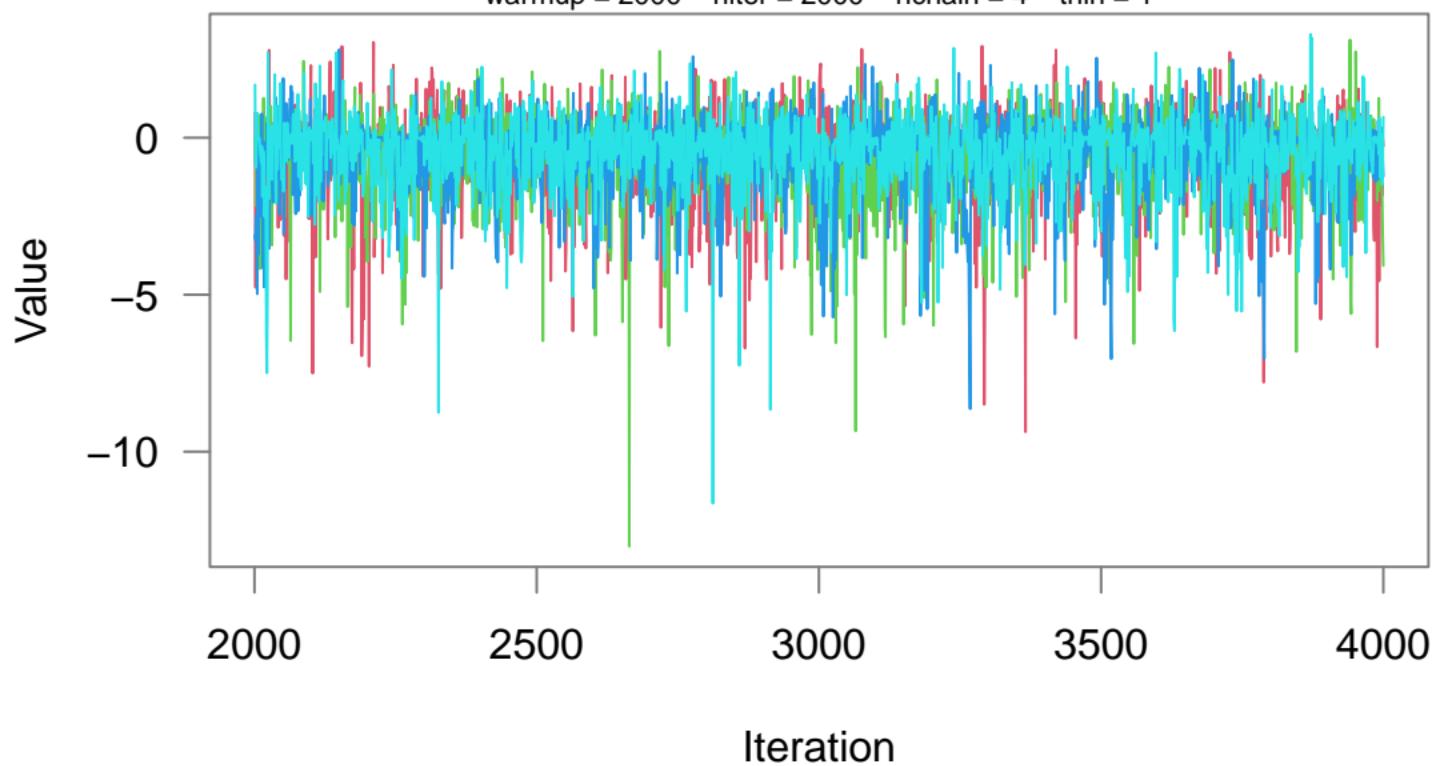
r_bay_fac__zi[Port.Wrangell,Intercept]

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



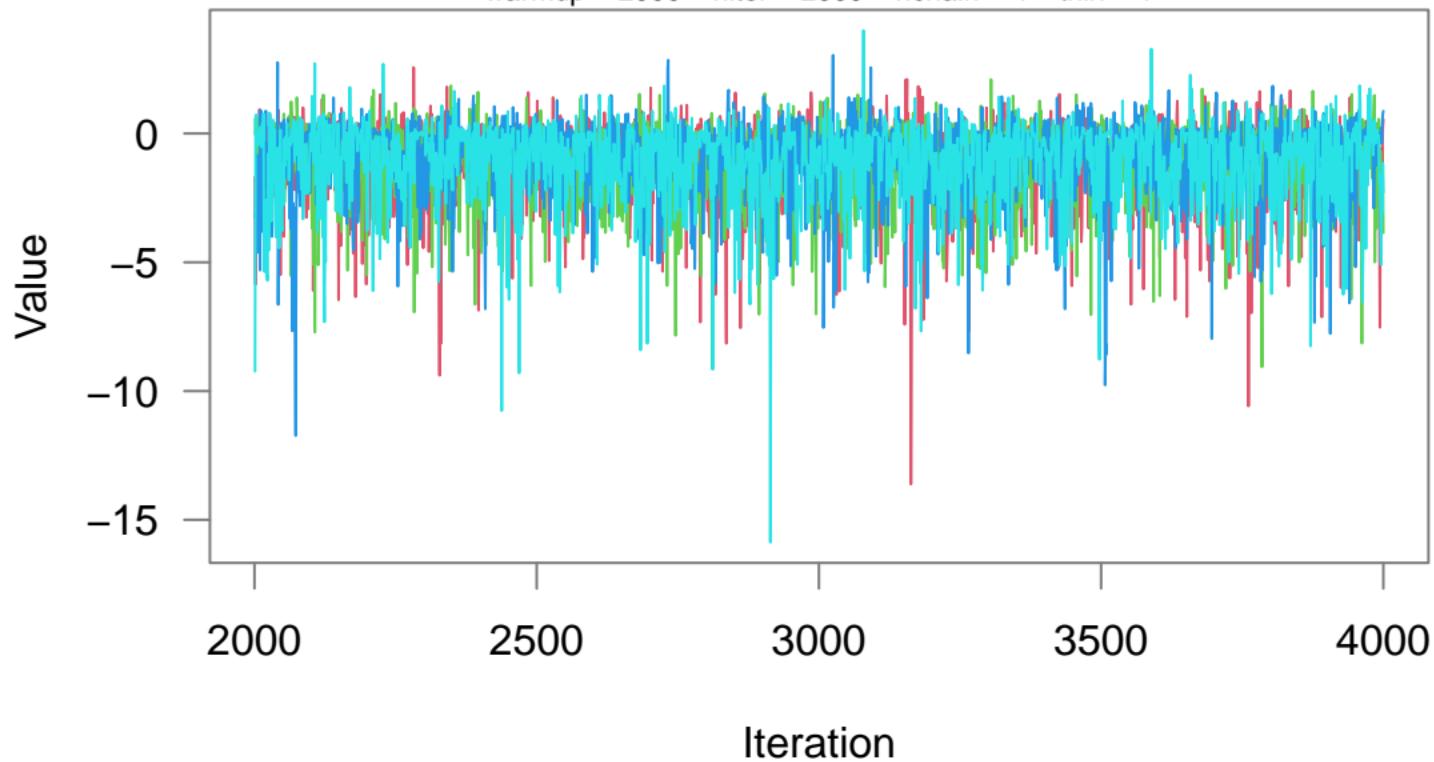
r_bay_fac_zi[Rodman.Reach,Intercept]

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



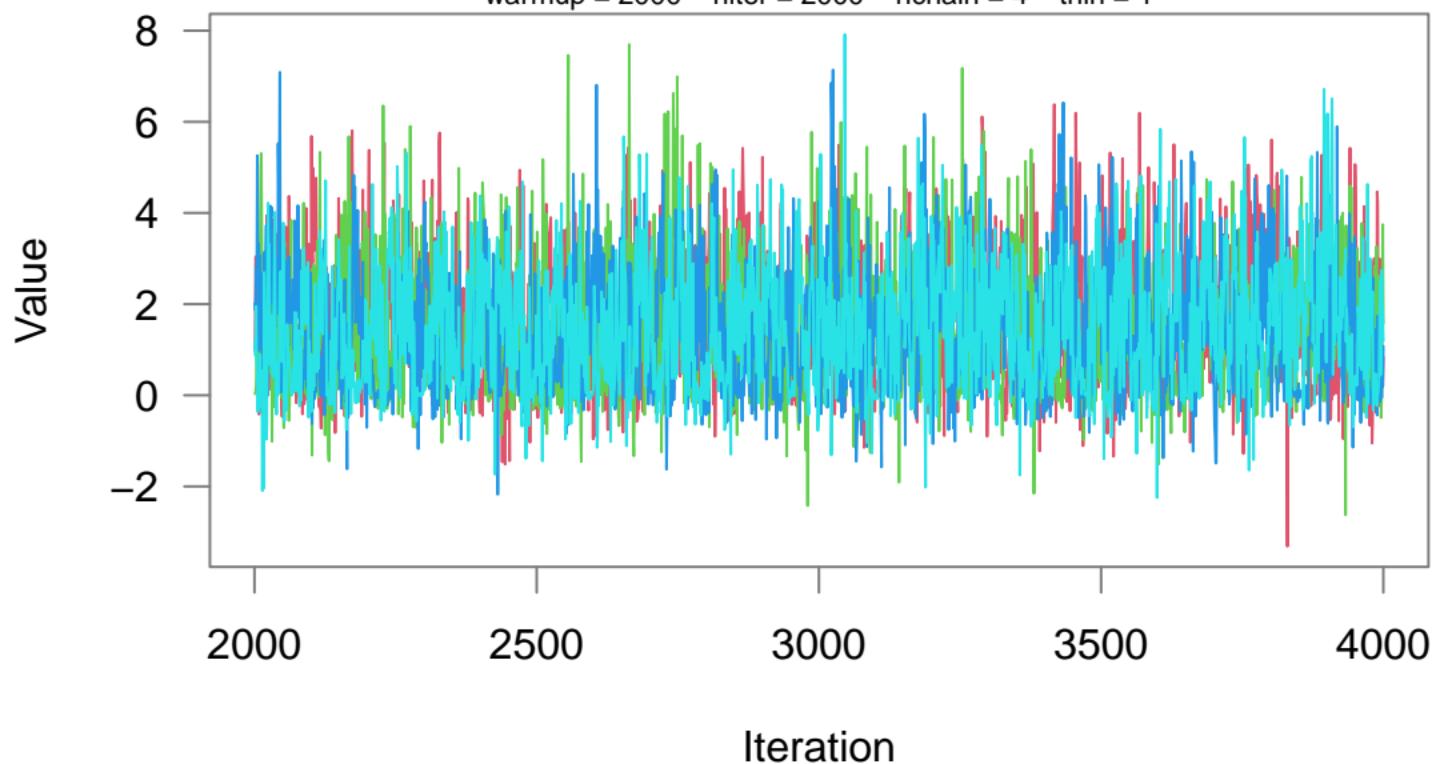
r_bay_fac_zi[Sand.Point,Intercept]

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



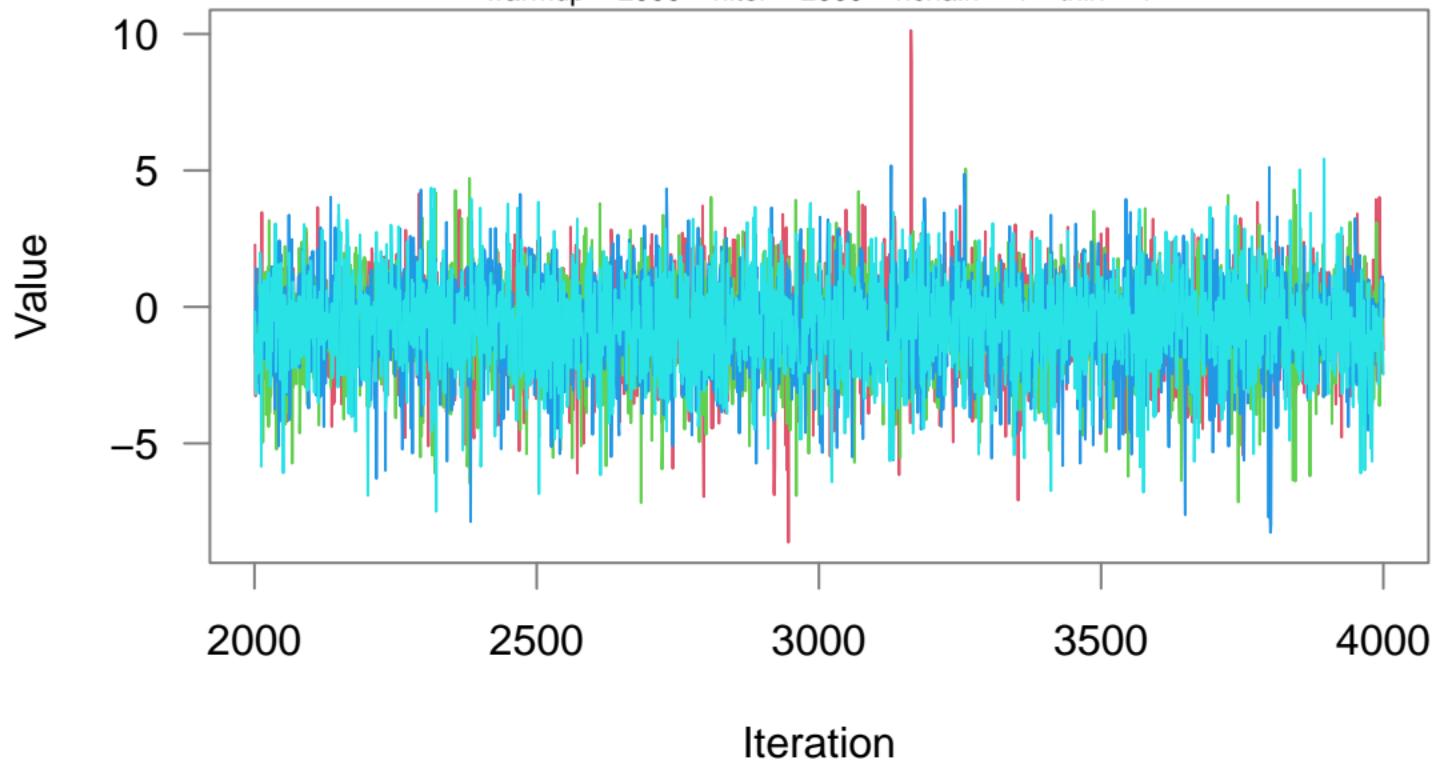
r_bay_fac_zi[Ugak,Intercept]

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



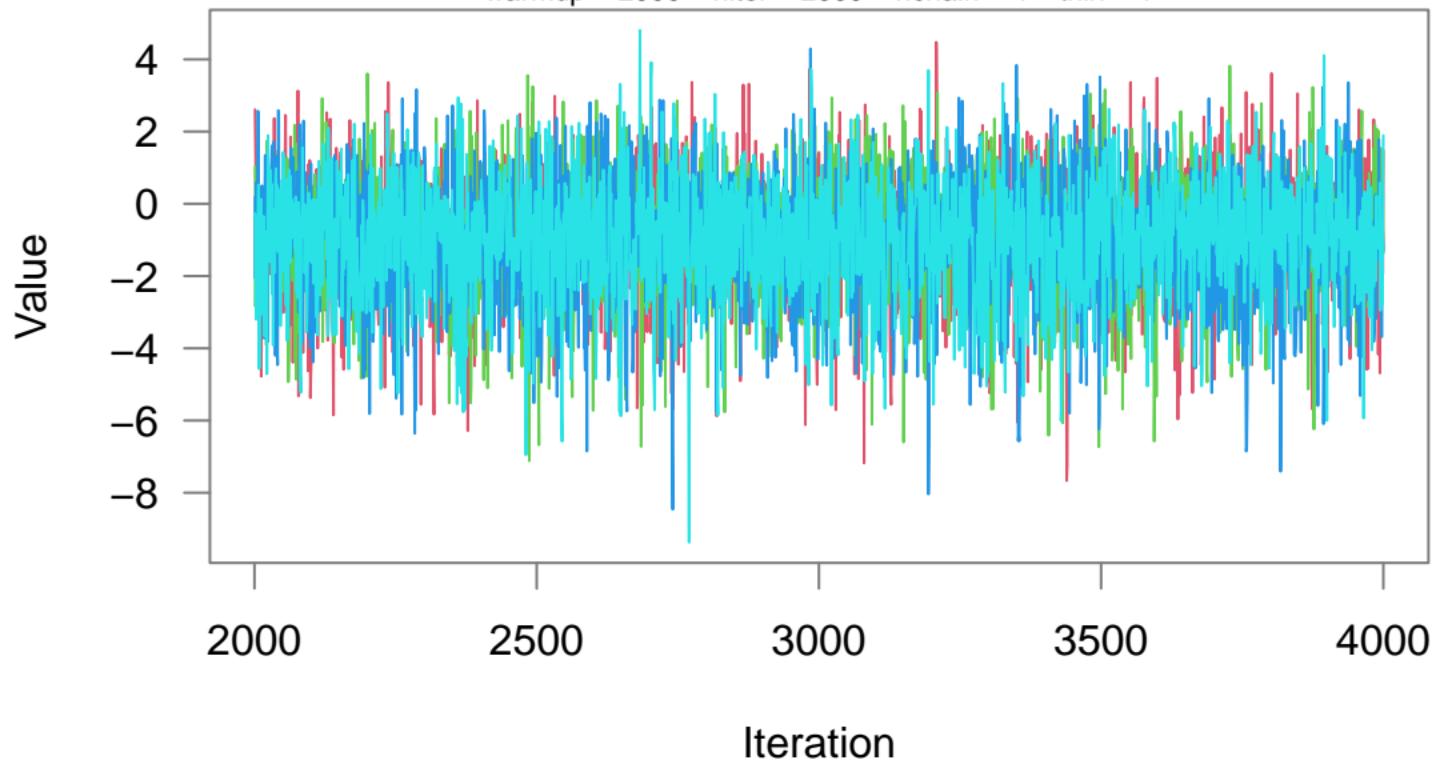
r_bay_fac:site_fac__zi[Agripina_AG-1,Intercept]

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



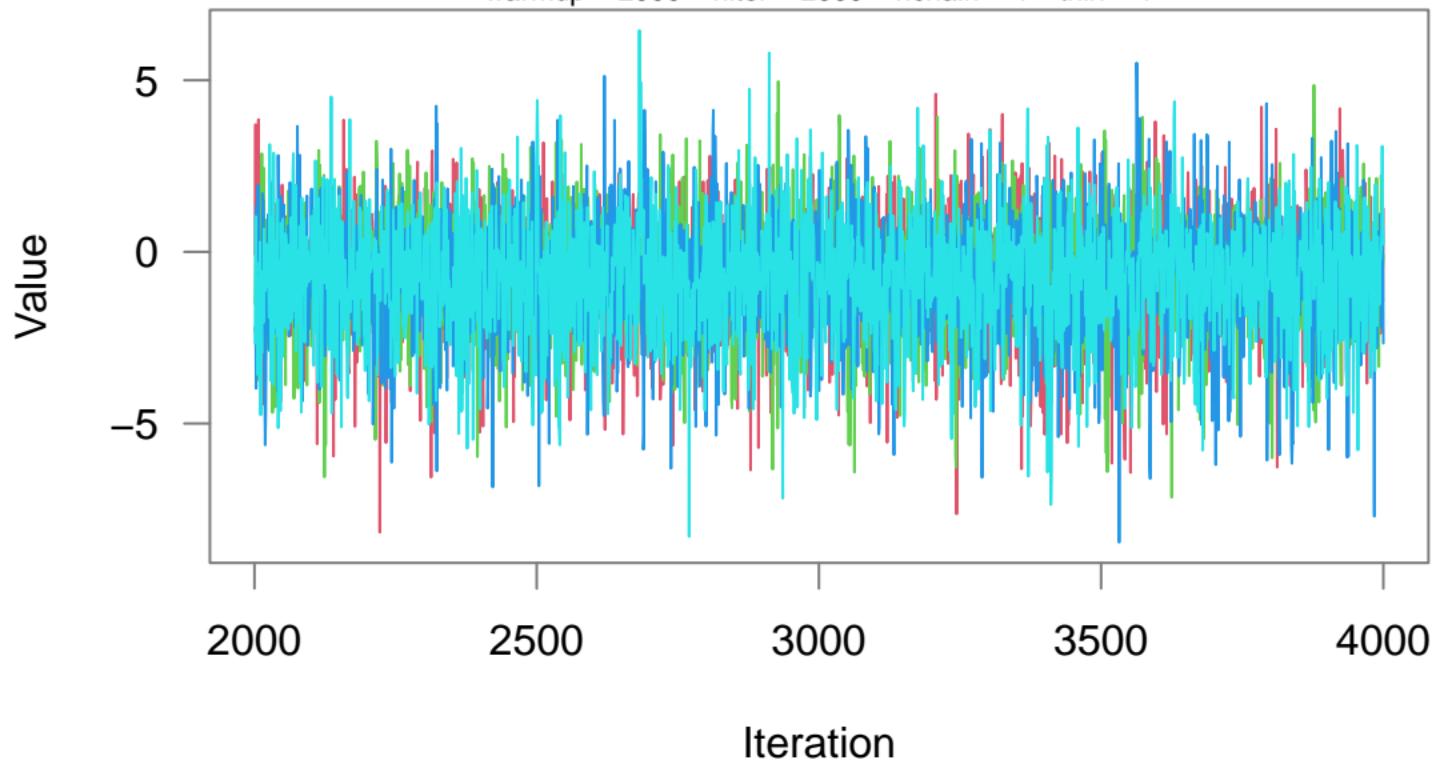
r_bay_fac:site_fac__zi[Agripina_AG-2,Intercept]

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



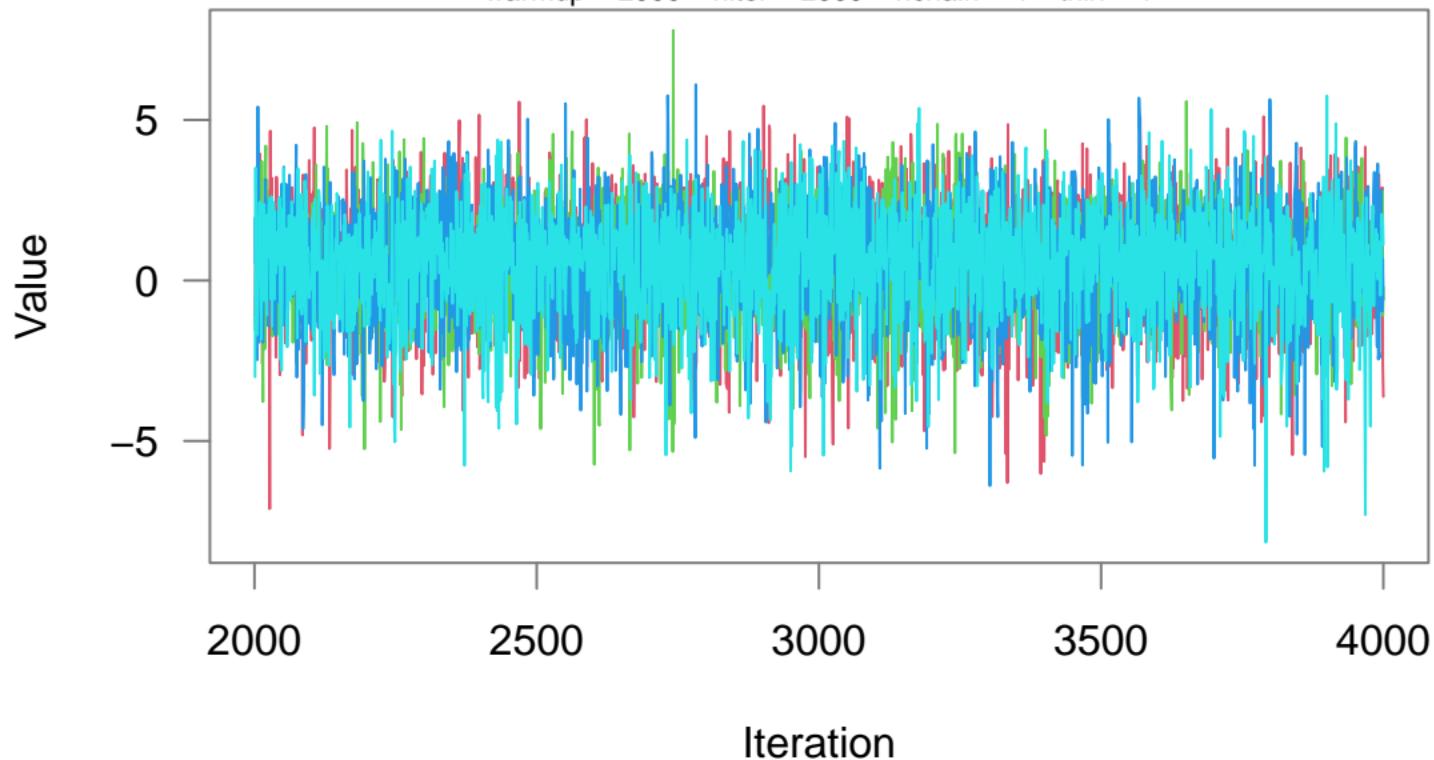
r_bay_fac:site_fac__zi[Agripina_AG-3,Intercept]

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



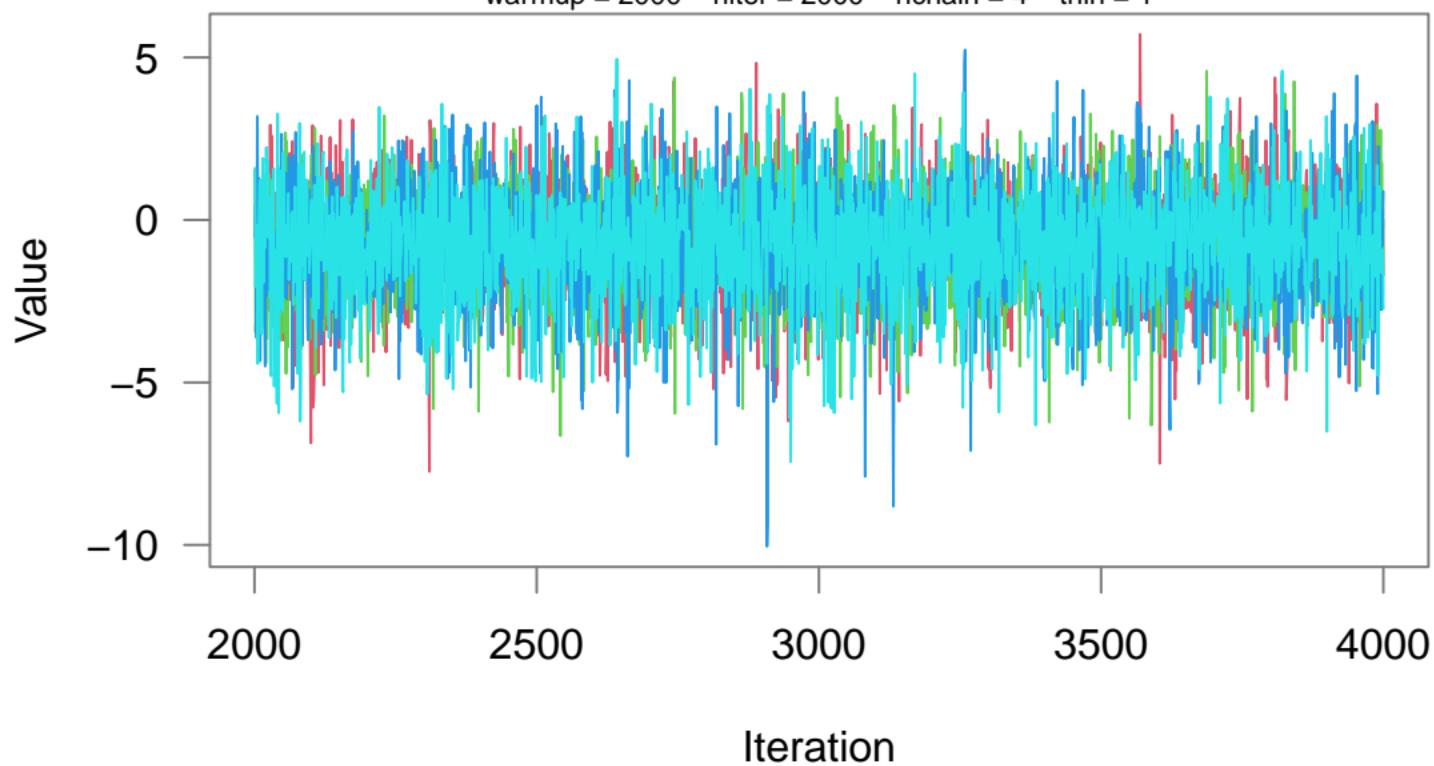
r_bay_fac:site_fac__zi[Agripina_AG-4,Intercept]

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



r_bay_fac:site_fac__zi[Agripina_AG-5,Intercept]

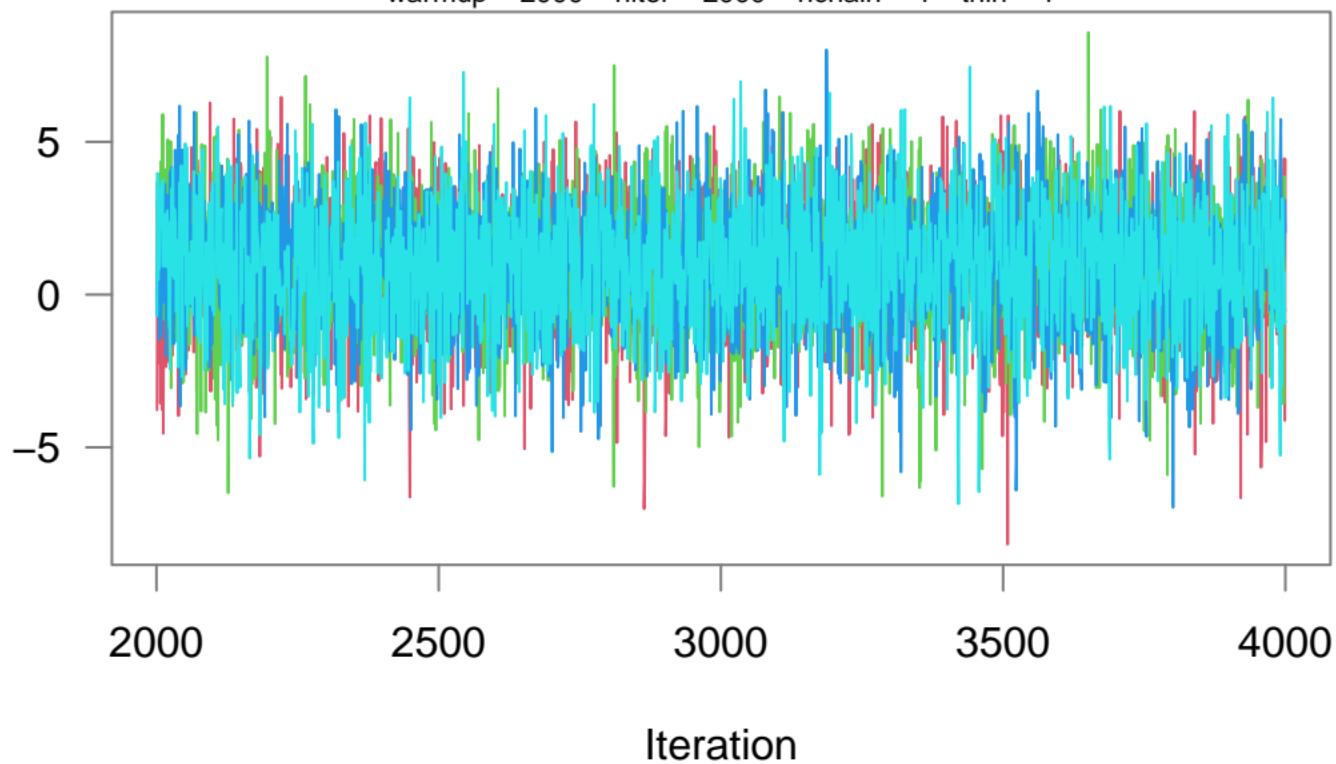
warmup = 2000 niter = 2000 nchain = 4 thin = 1



r_bay_fac:site_fac__zi[Agripina_AG-6,Intercept]

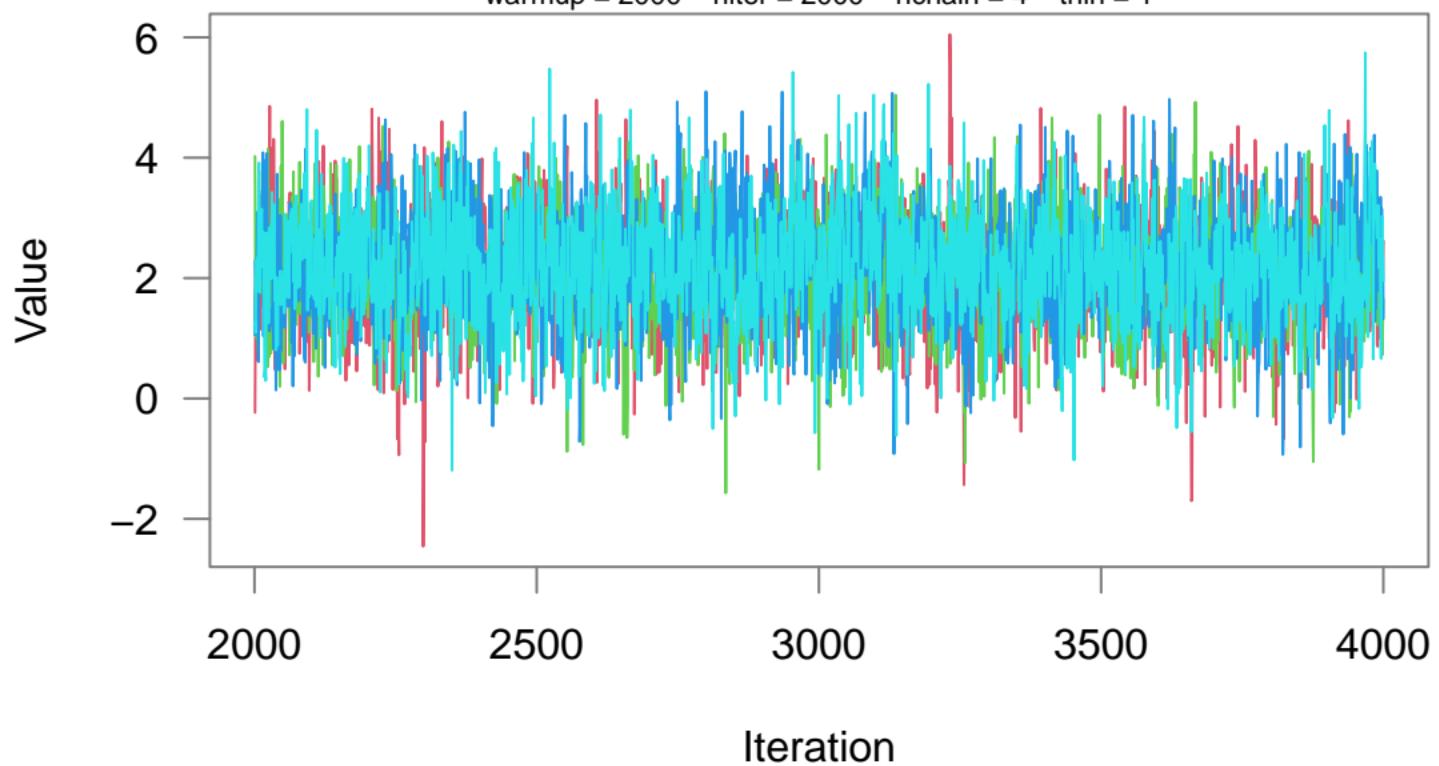
warmup = 2000 niter = 2000 nchain = 4 thin = 1

Value



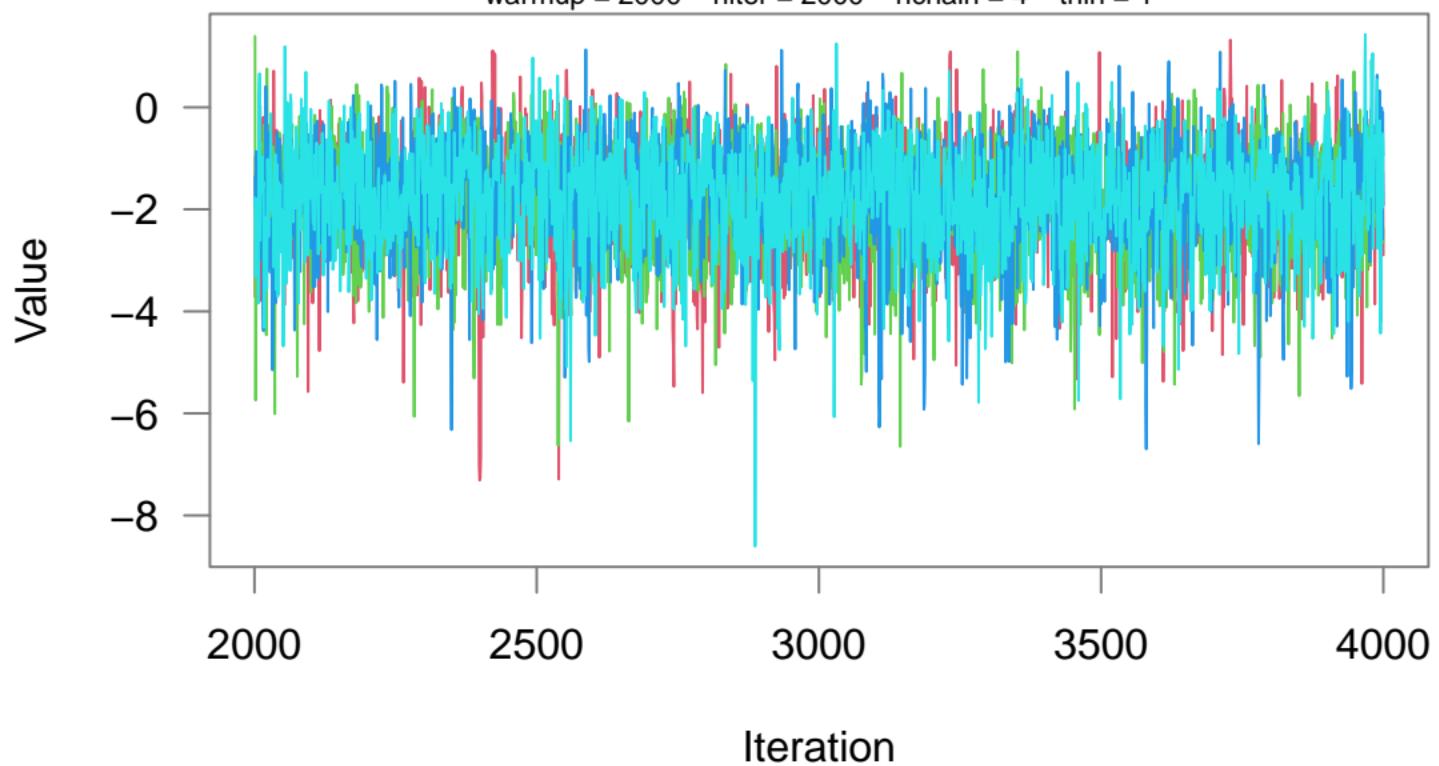
r_bay_fac:site_fac__zi[Anton.Larsen_Back.Bay.eelgrass,Interce

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

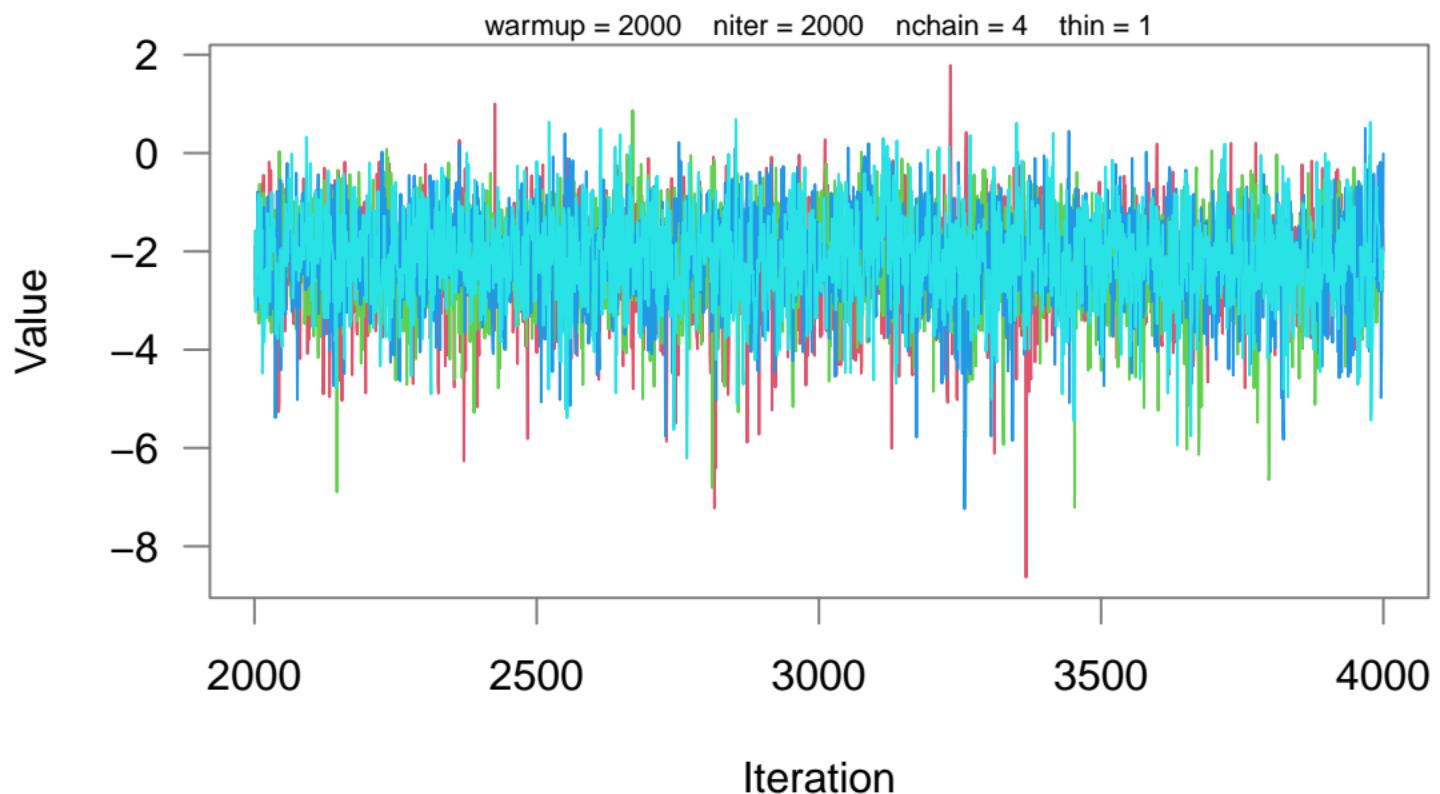


r_bay_fac:site_fac__zi[Anton.Larsen_Cobble.point,Intercept]

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

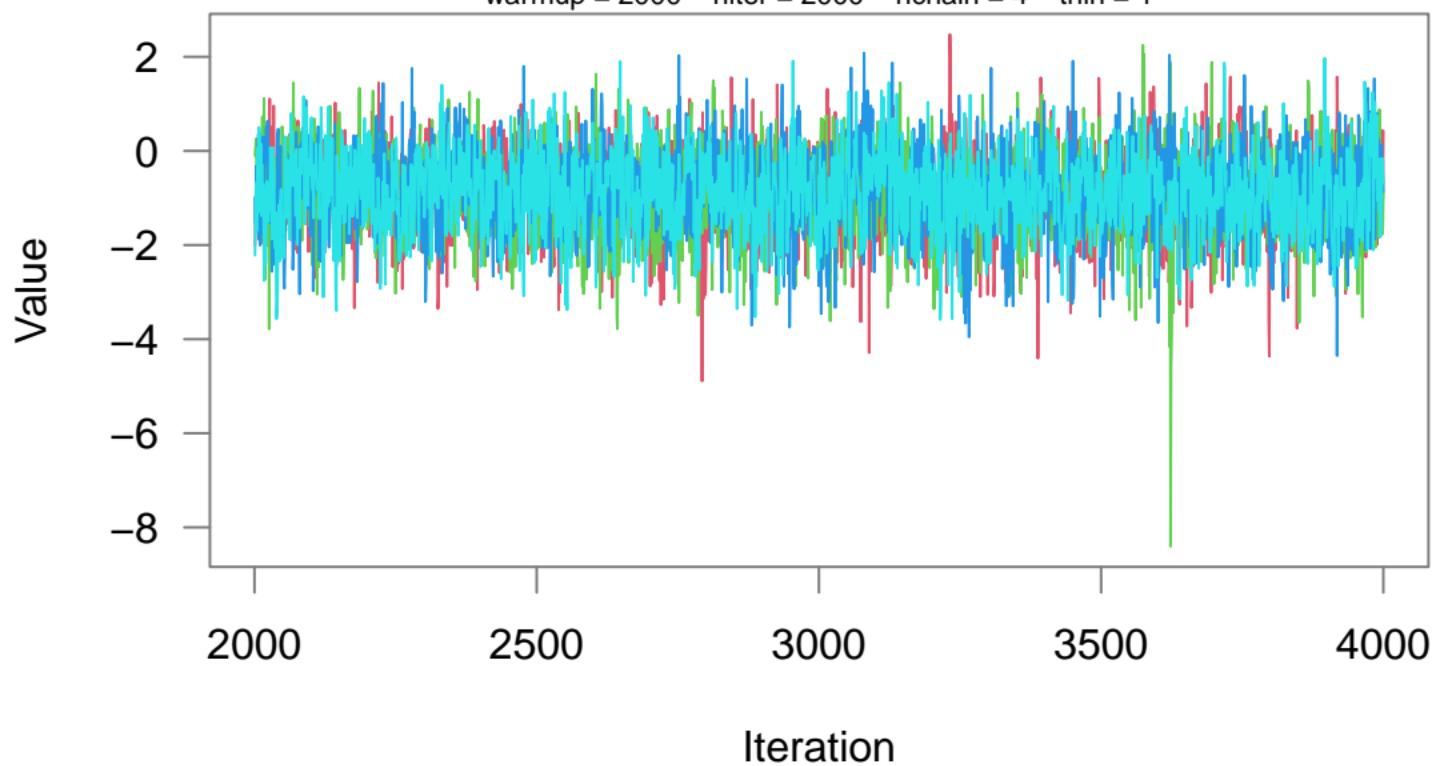


r_bay_fac:site_fac__zi[Anton.Larsen_Eelgrass.patches,Intercept]



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

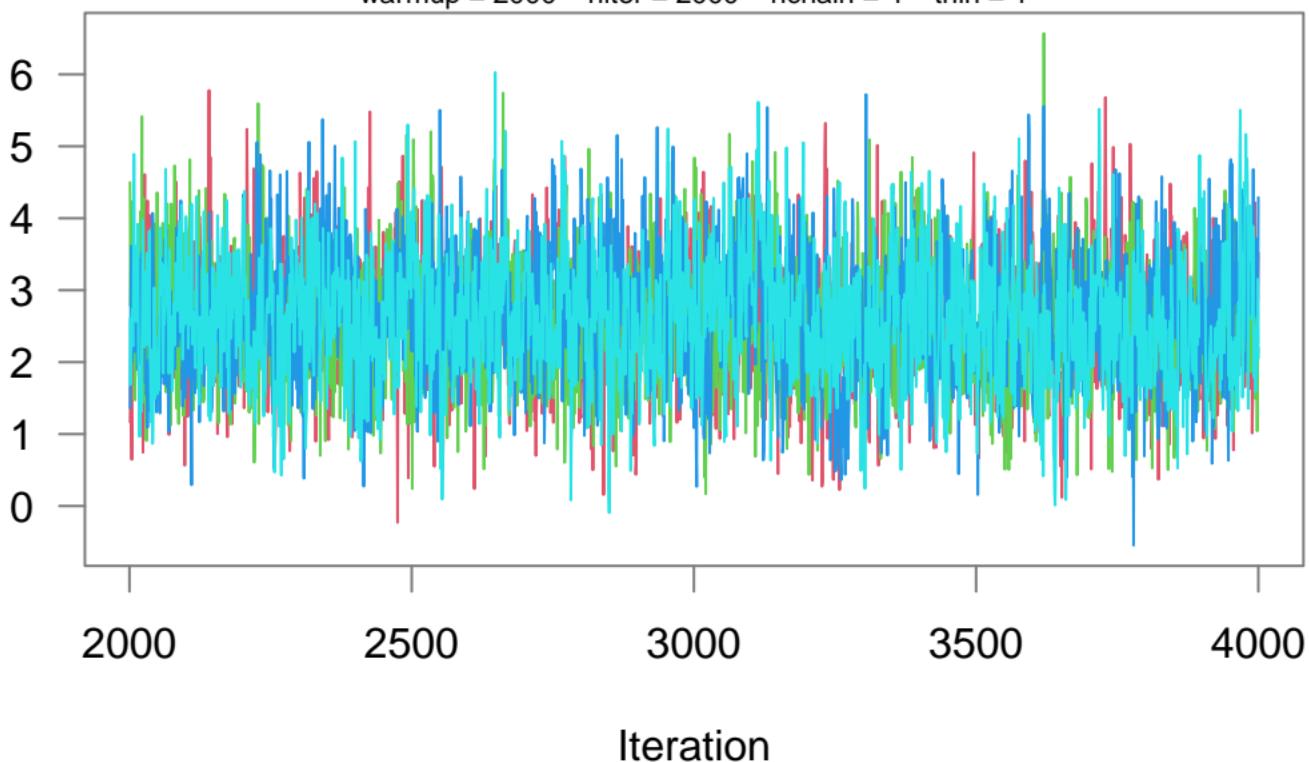
warmup = 2000 niter = 2000 nchain = 4 thin = 1



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

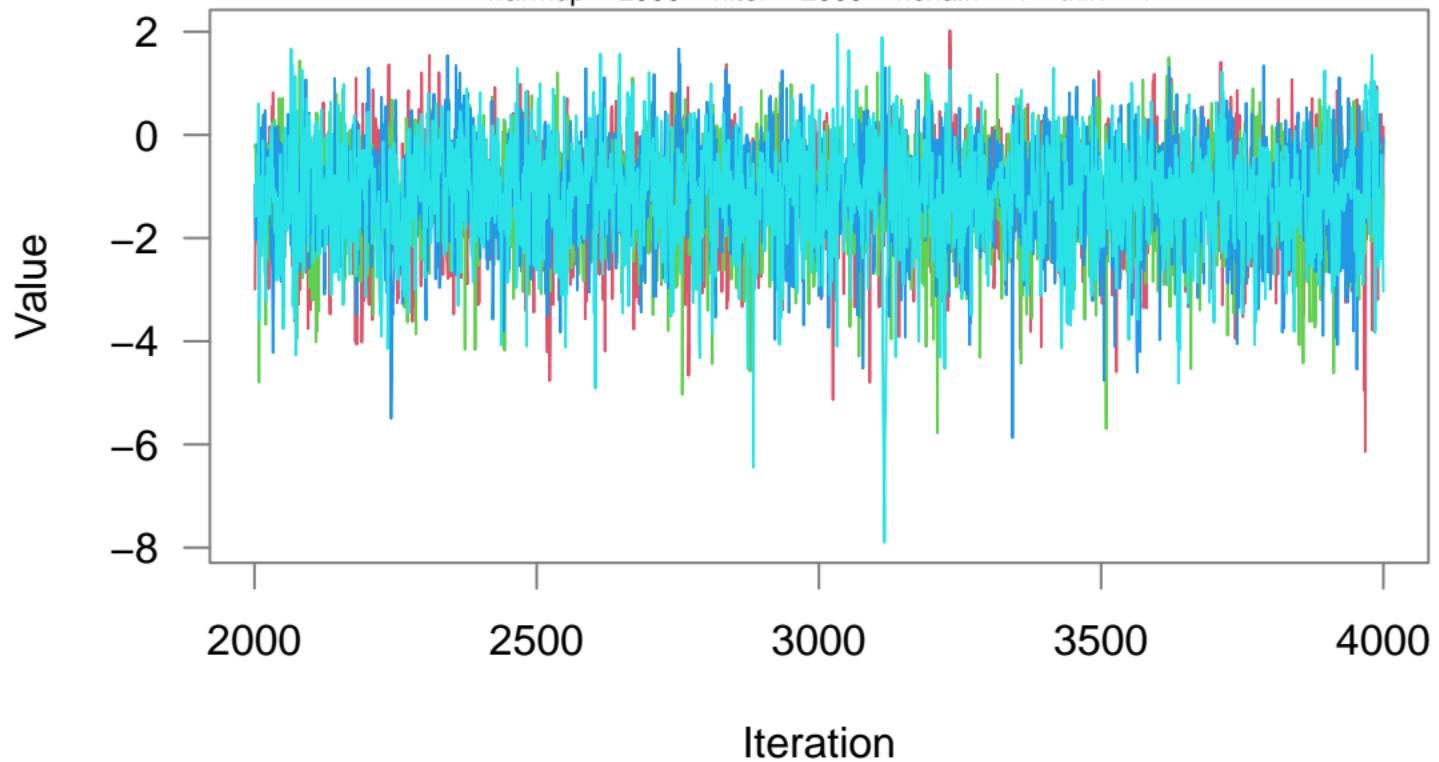
warmup = 2000 niter = 2000 nchain = 4 thin = 1

Value

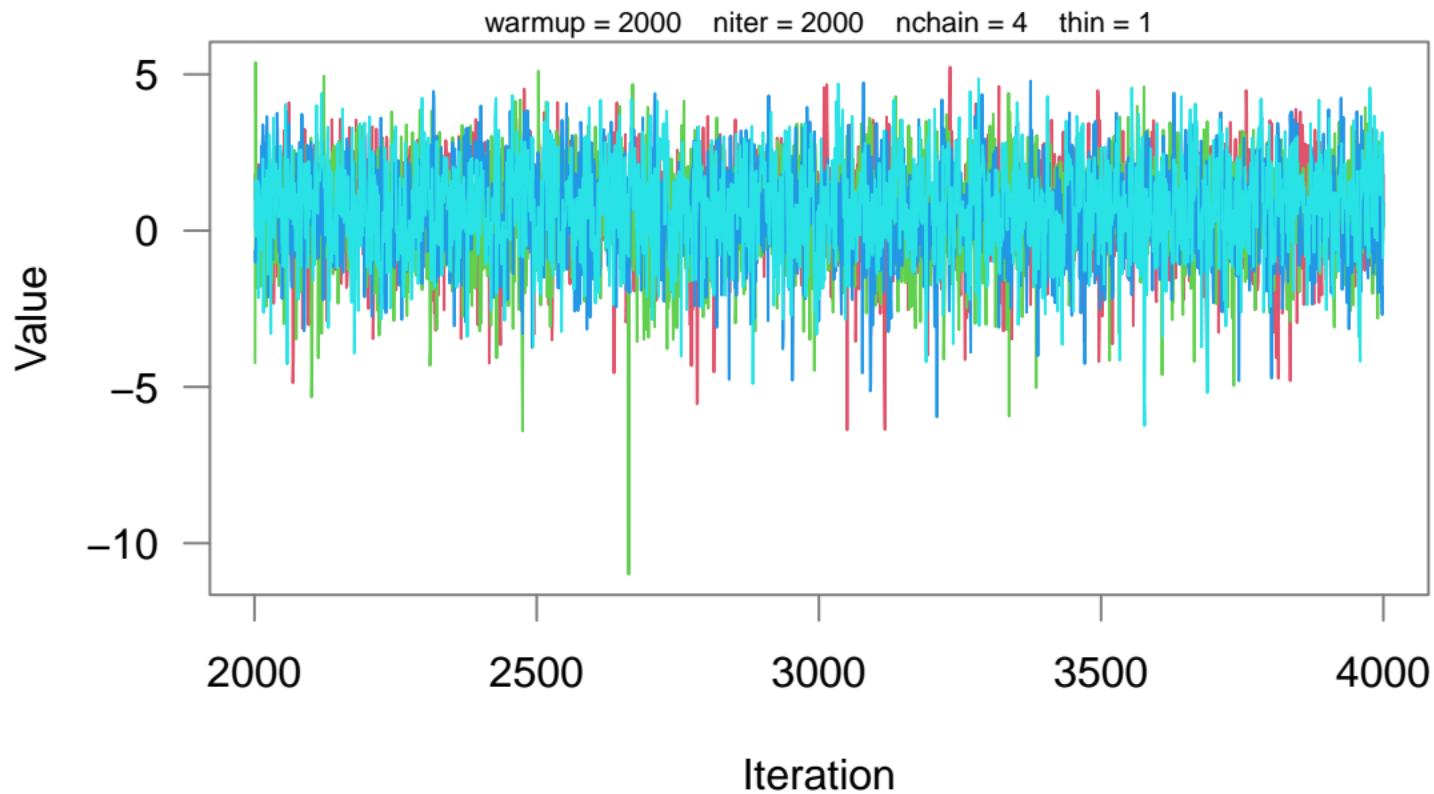


r_bay_fac:site_fac__zi[Anton.Larsen_Laminaria.Point,Intercep

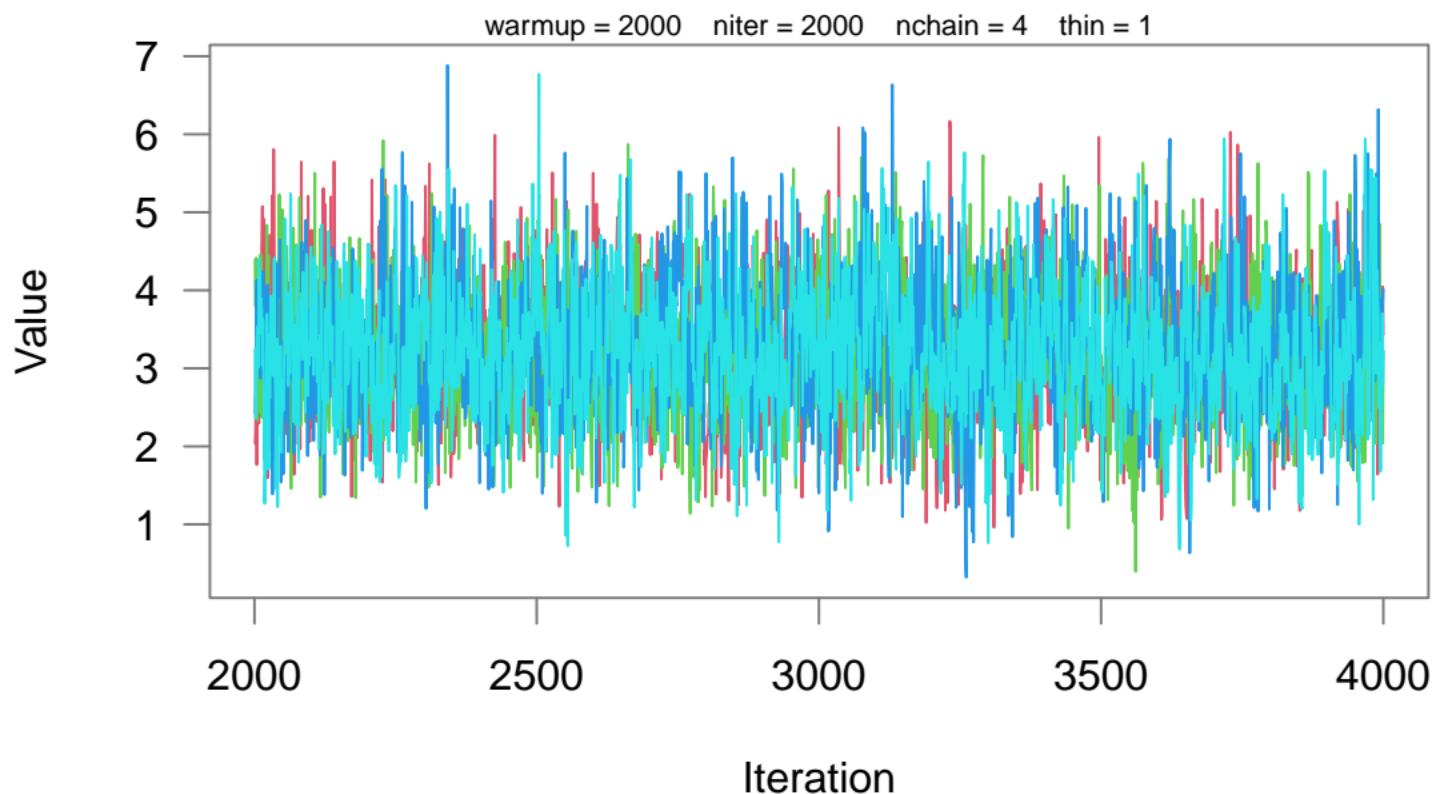
warmup = 2000 niter = 2000 nchain = 4 thin = 1



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

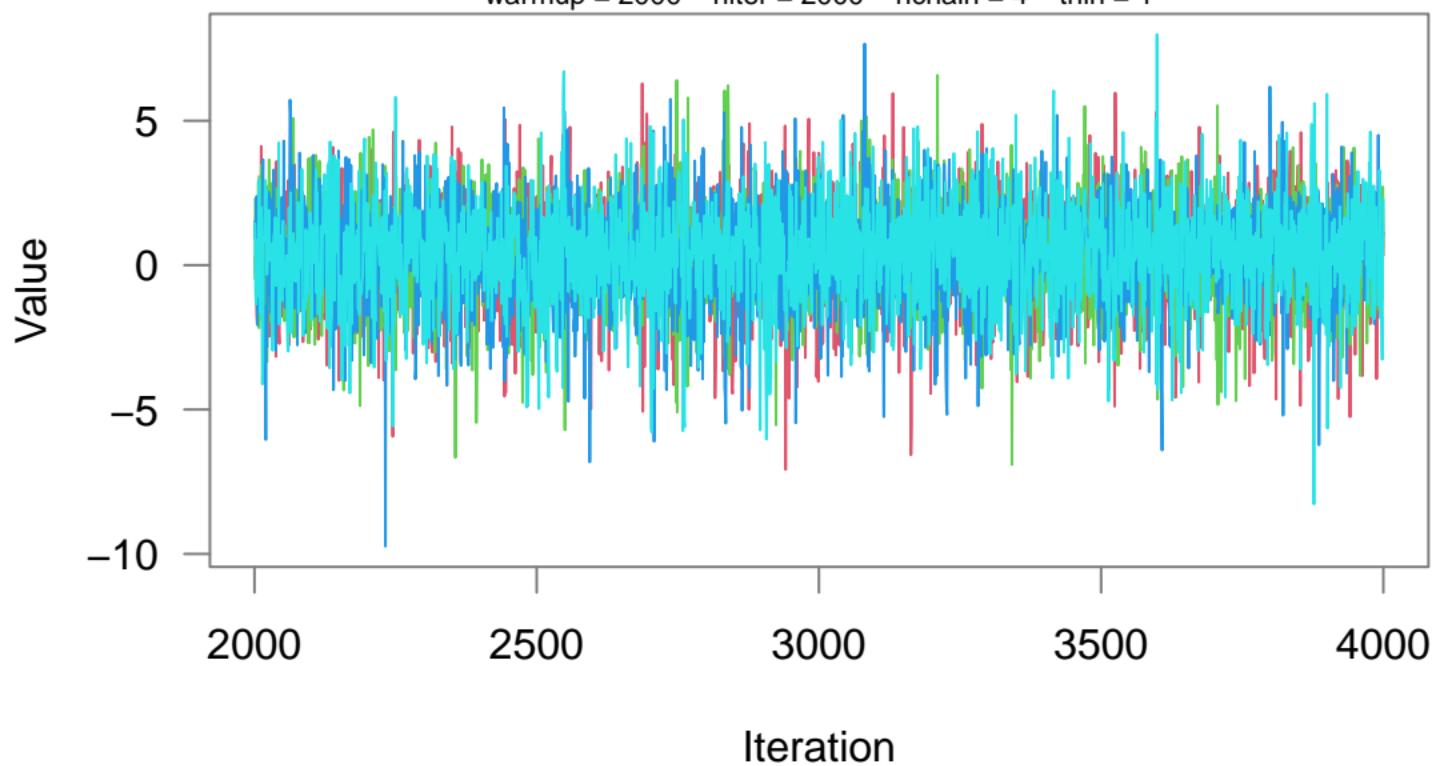


r_bay_fac:site_fac__zi[Anton.Larsen_Wooden.boat,Intercept]



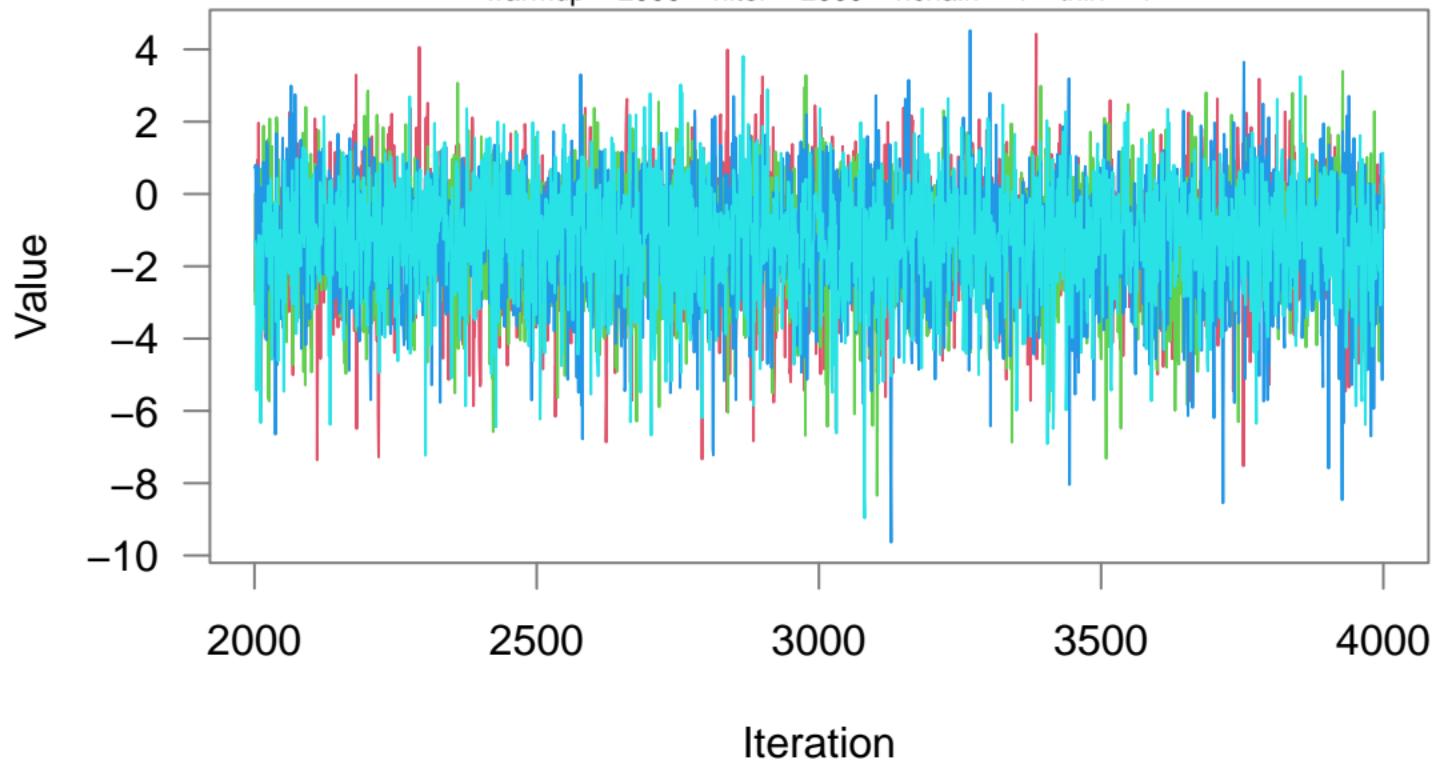
r_bay_fac:site_fac__zi[Balboa_BB-1,Intercept]

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



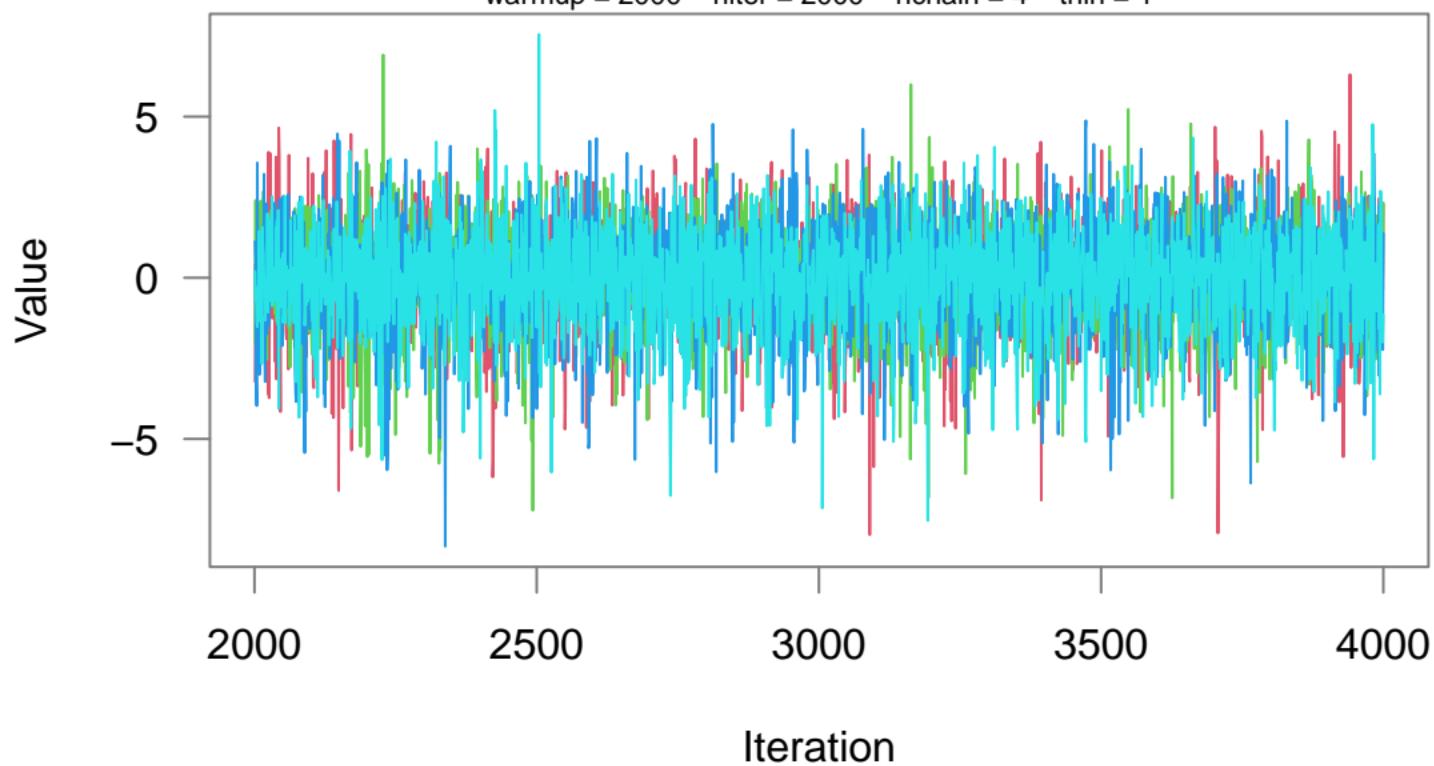
r_bay_fac:site_fac__zi[Balboa_BB-2,Intercept]

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



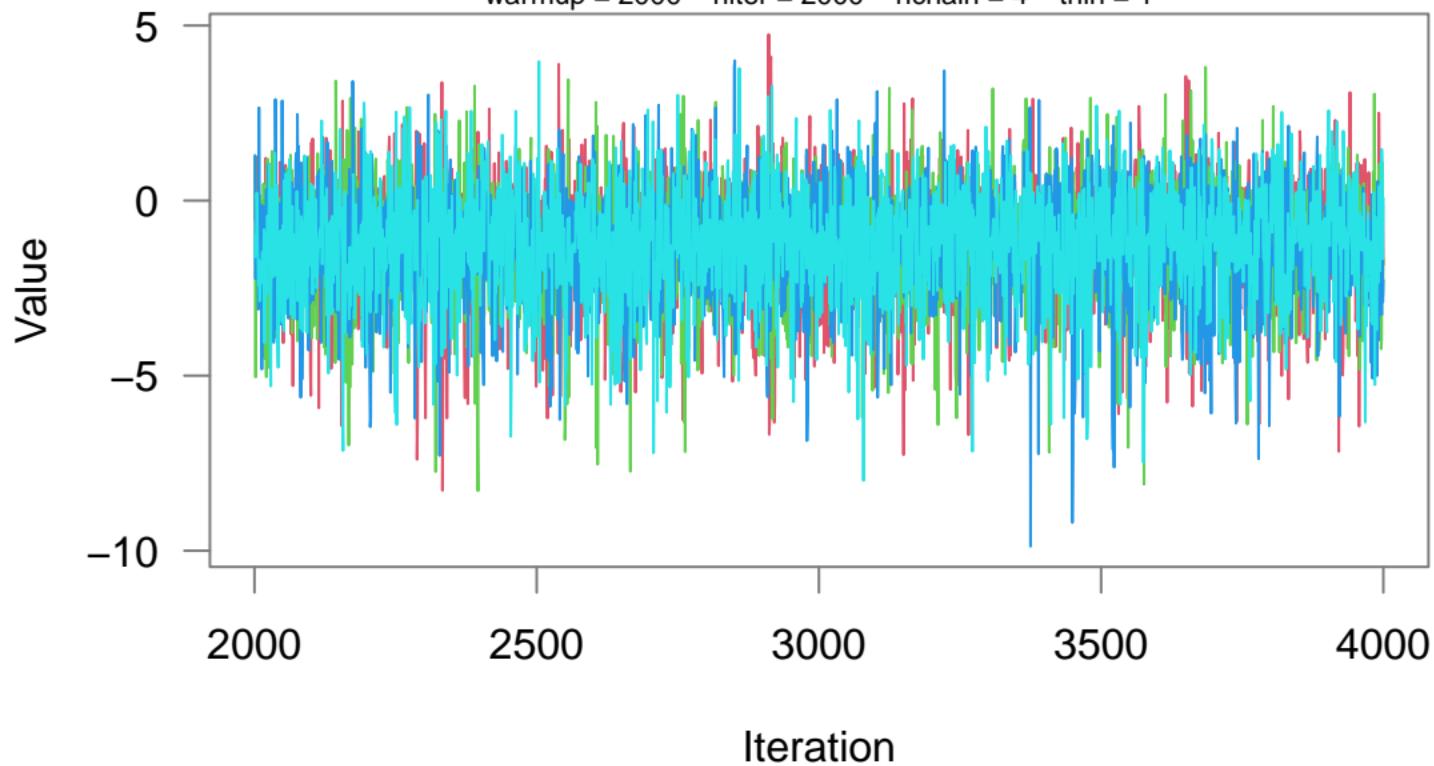
r_bay_fac:site_fac__zi[Balboa_BB-3,Intercept]

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



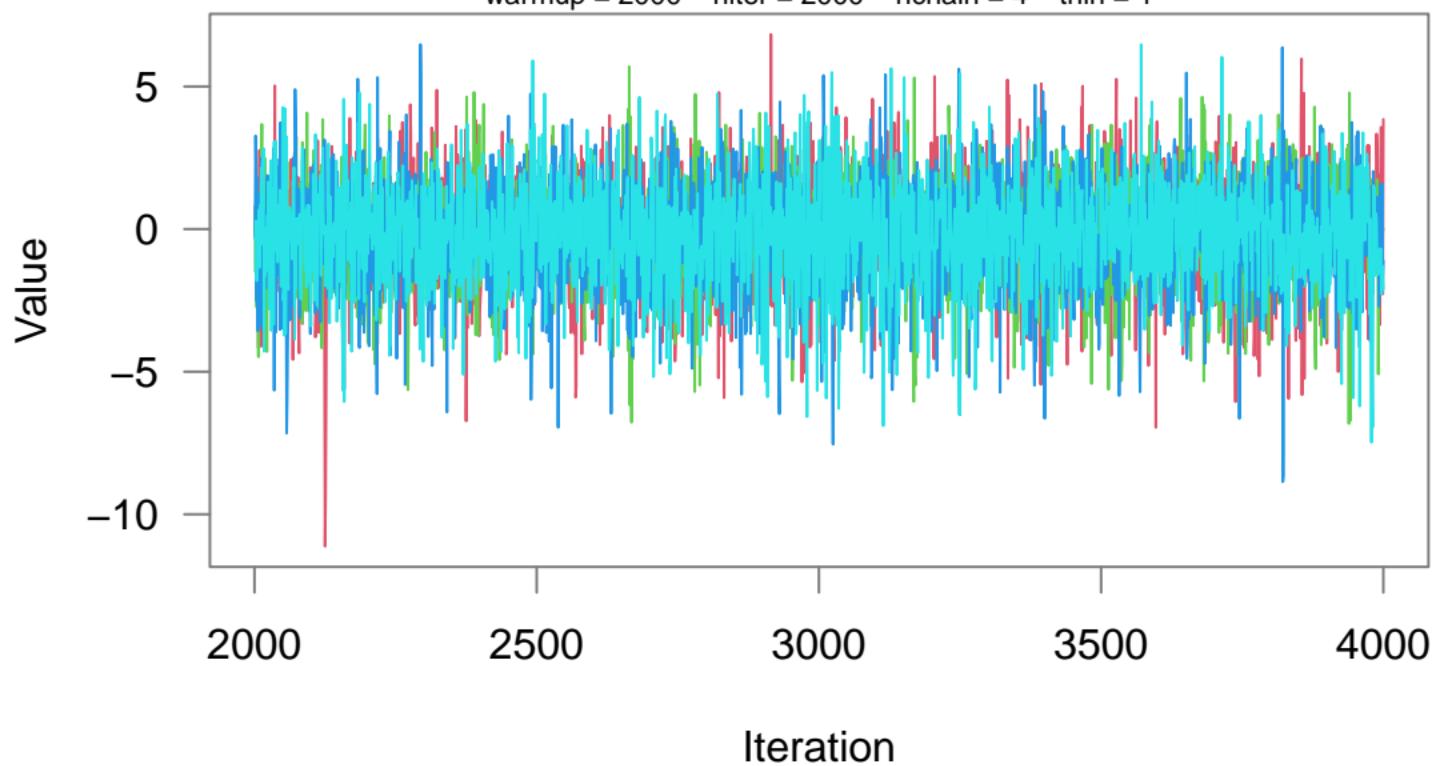
r_bay_fac:site_fac__zi[Balboa_BB-4,Intercept]

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



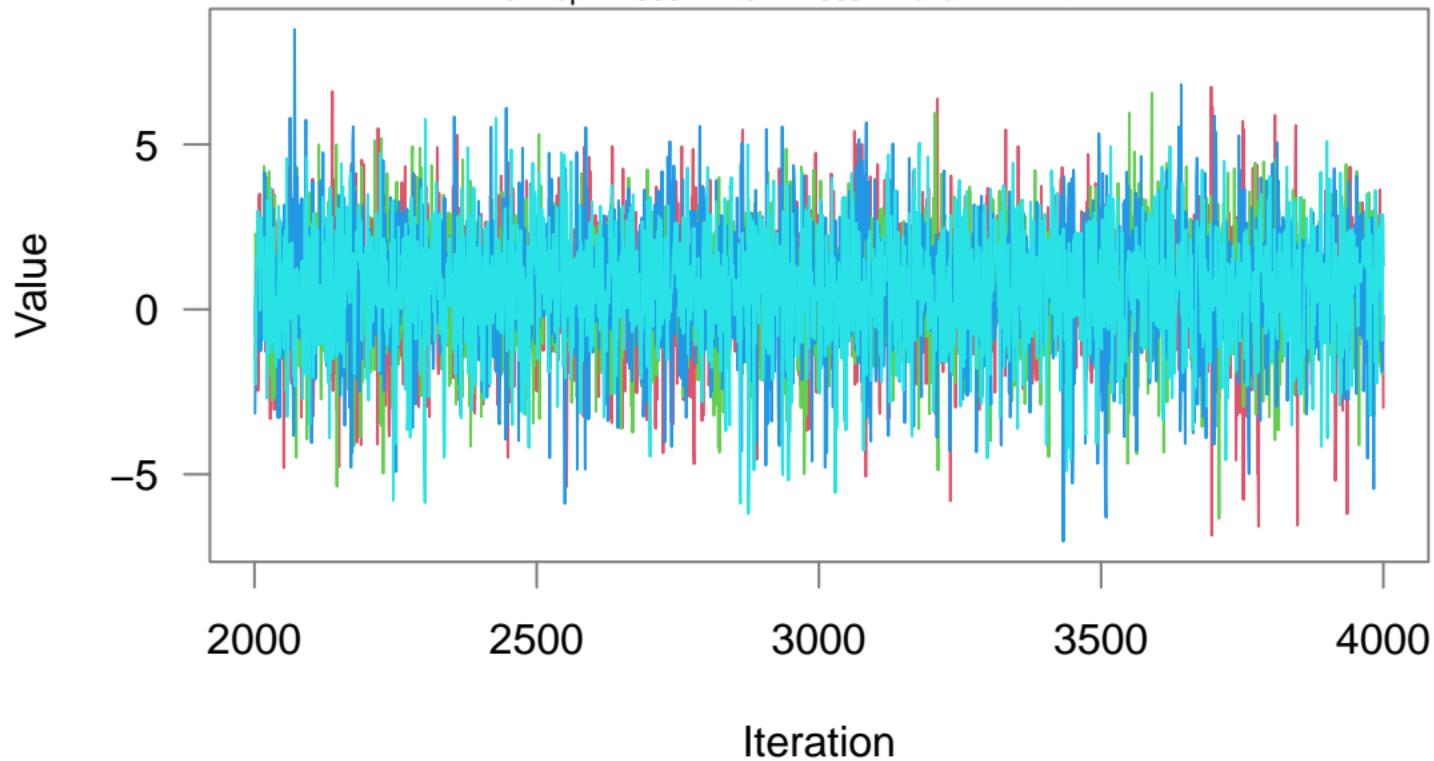
r_bay_fac:site_fac__zi[Balboa_BB-5,Intercept]

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

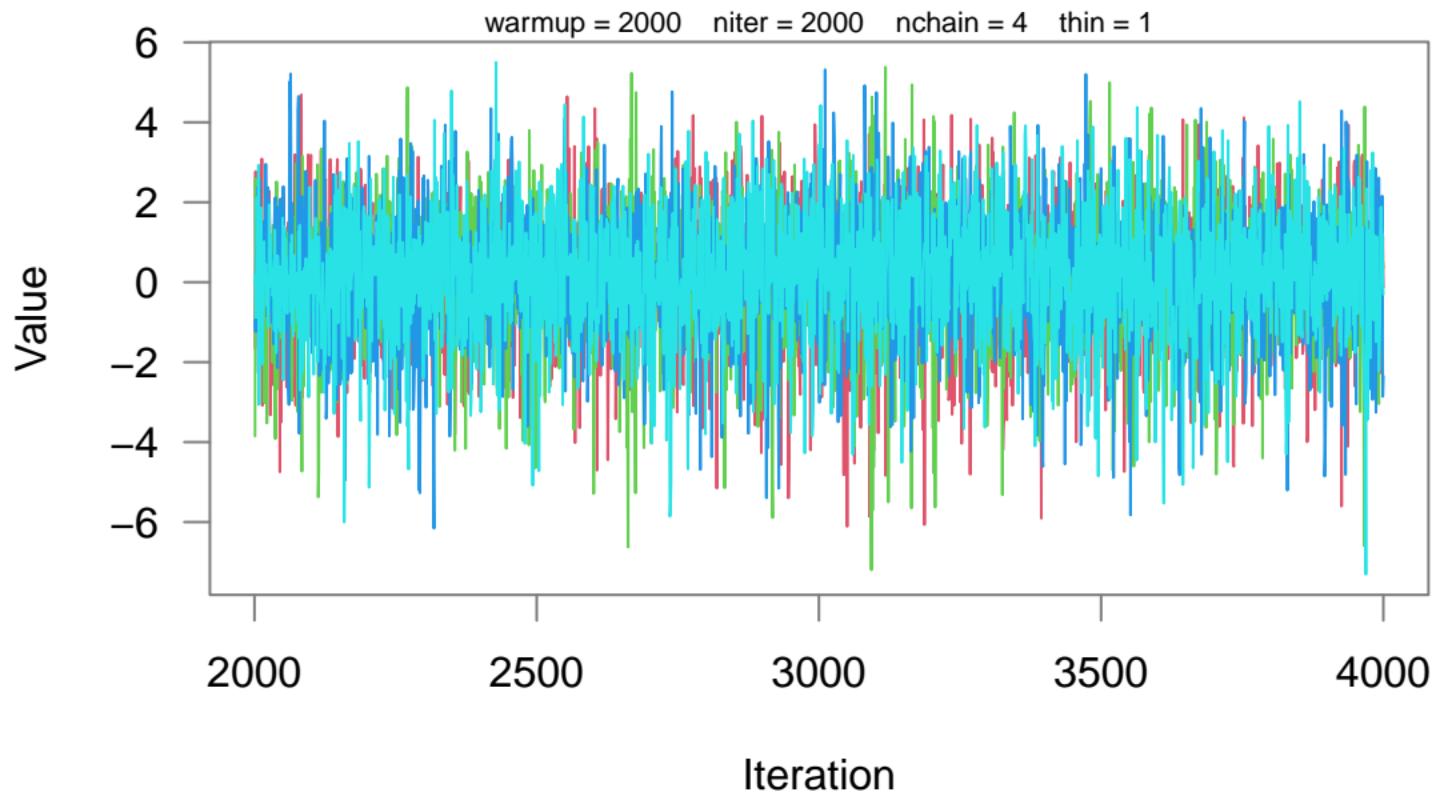


r_bay_fac:site_fac__zi[Balboa_BB-6,Intercept]

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

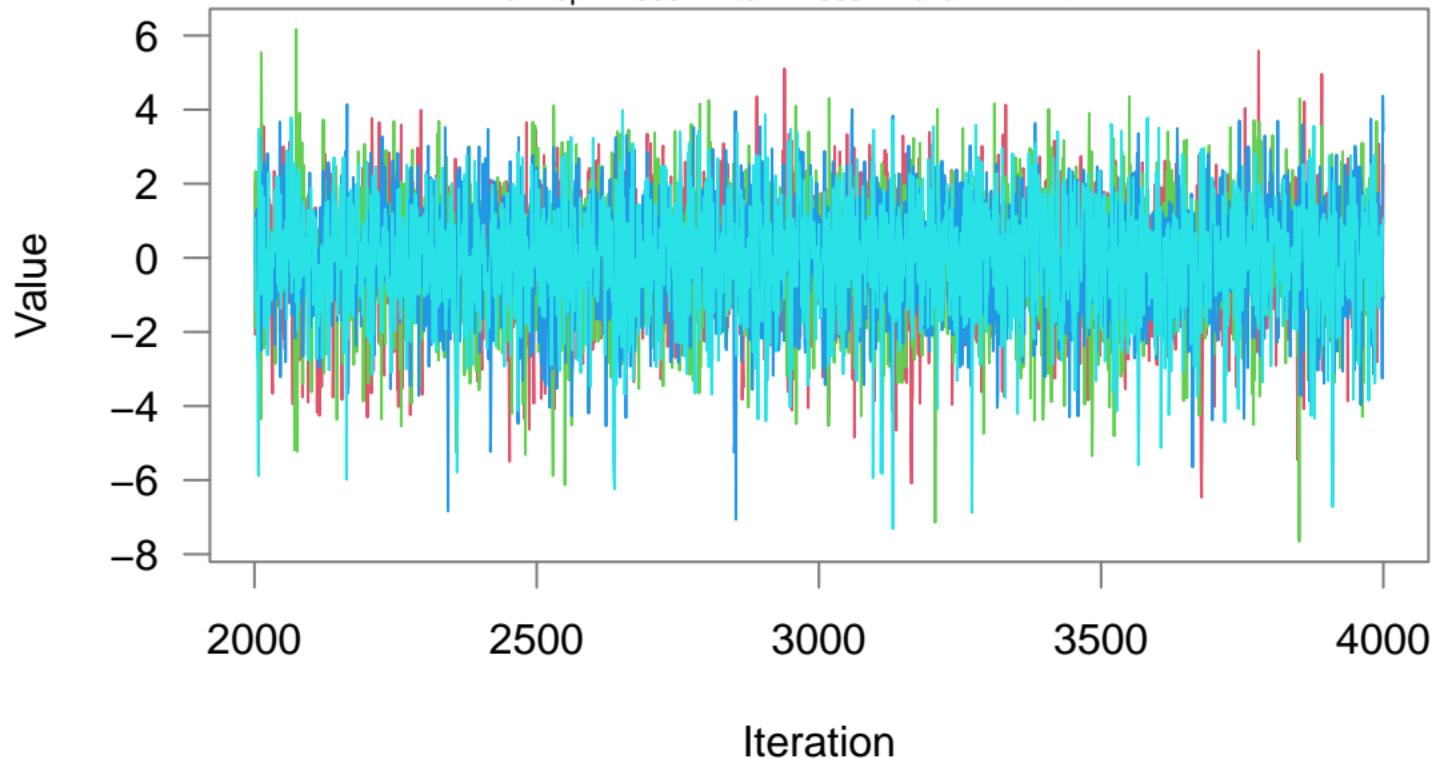


r_bay_fac:site_fac__zi[Balboa_BB-7,Intercept]

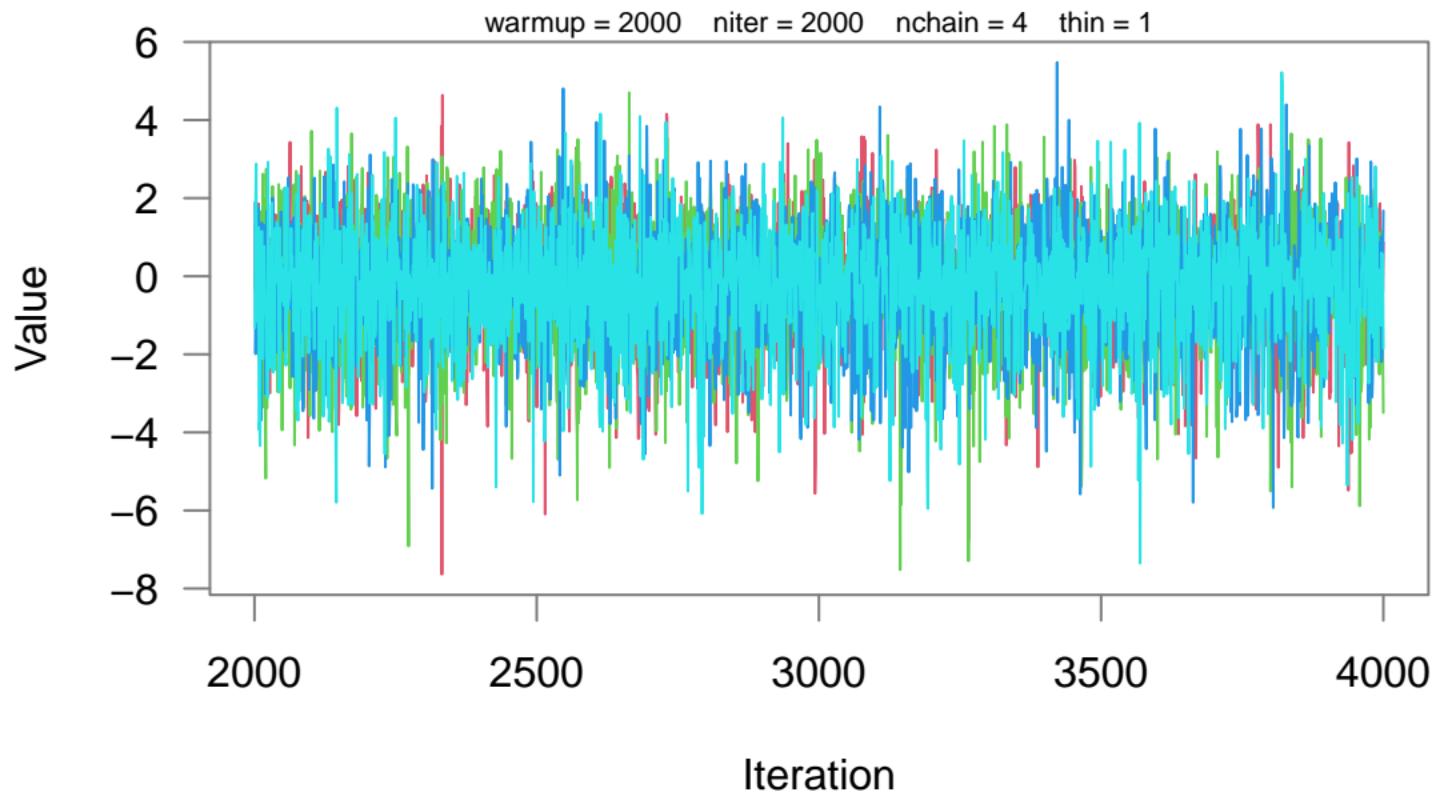


r_bay_fac:site_fac__zi[Baralof_Bar-1,Intercept]

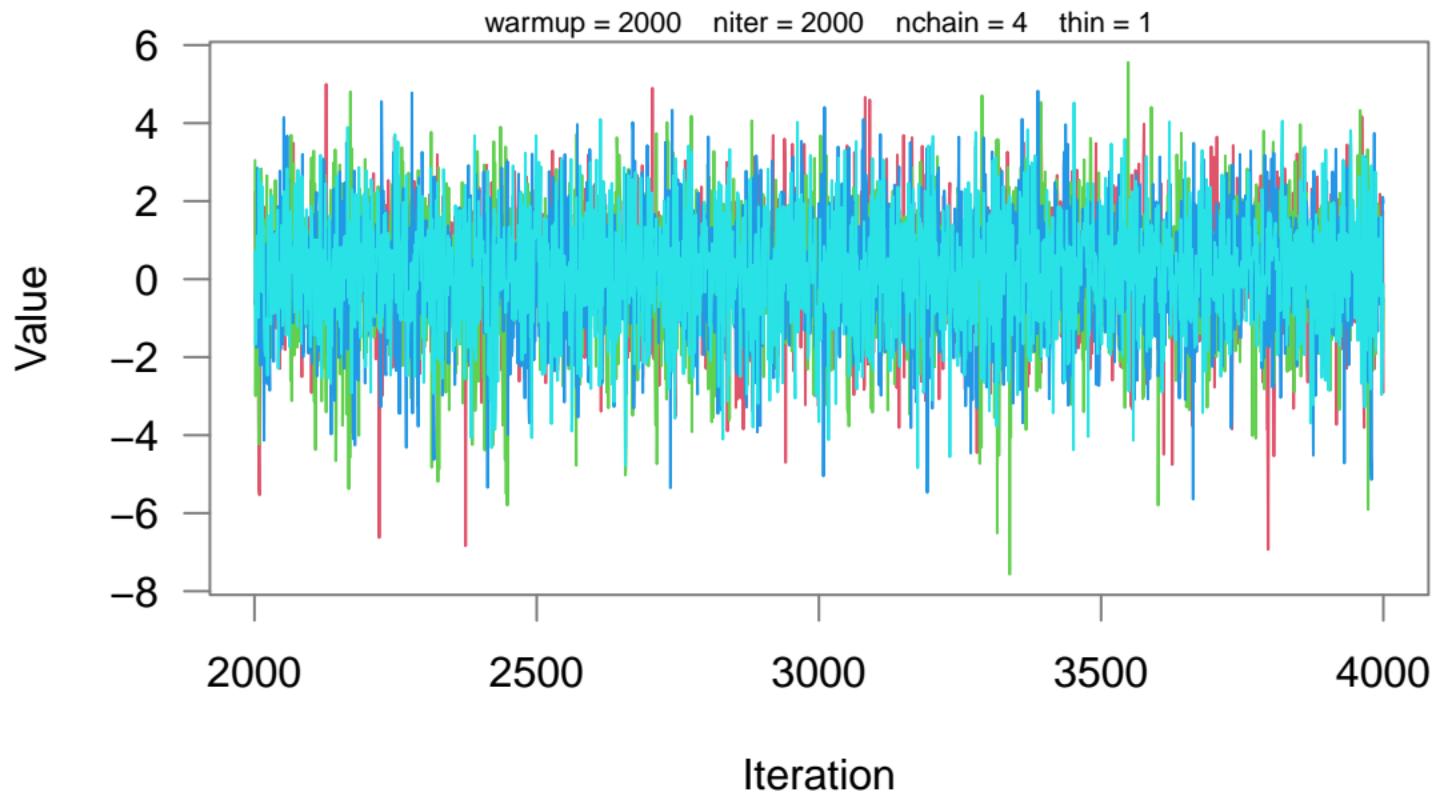
warmup = 2000 niter = 2000 nchain = 4 thin = 1



r_bay_fac:site_fac__zi[Baralof_Bar-2,Intercept]

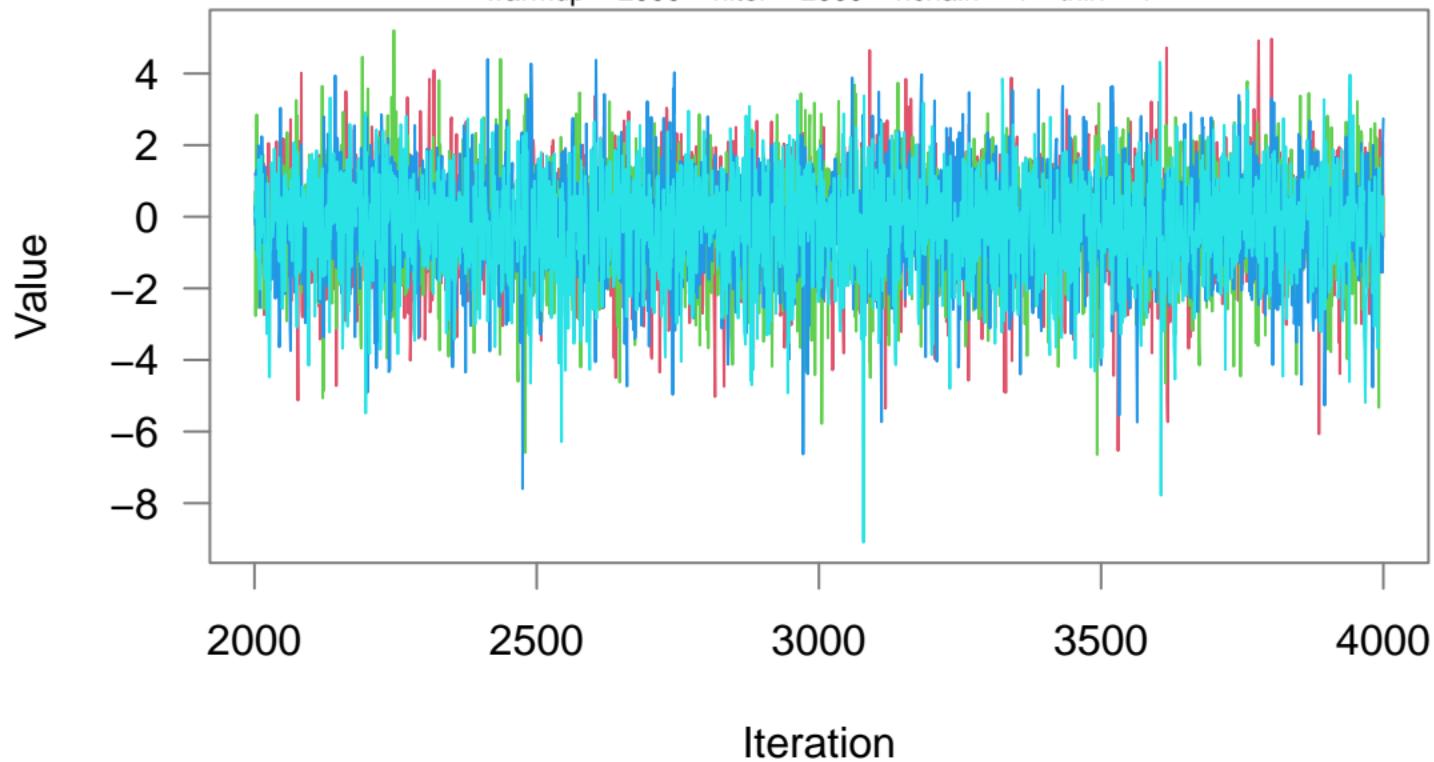


r_bay_fac:site_fac__zi[Baralof_Bar-3,Intercept]



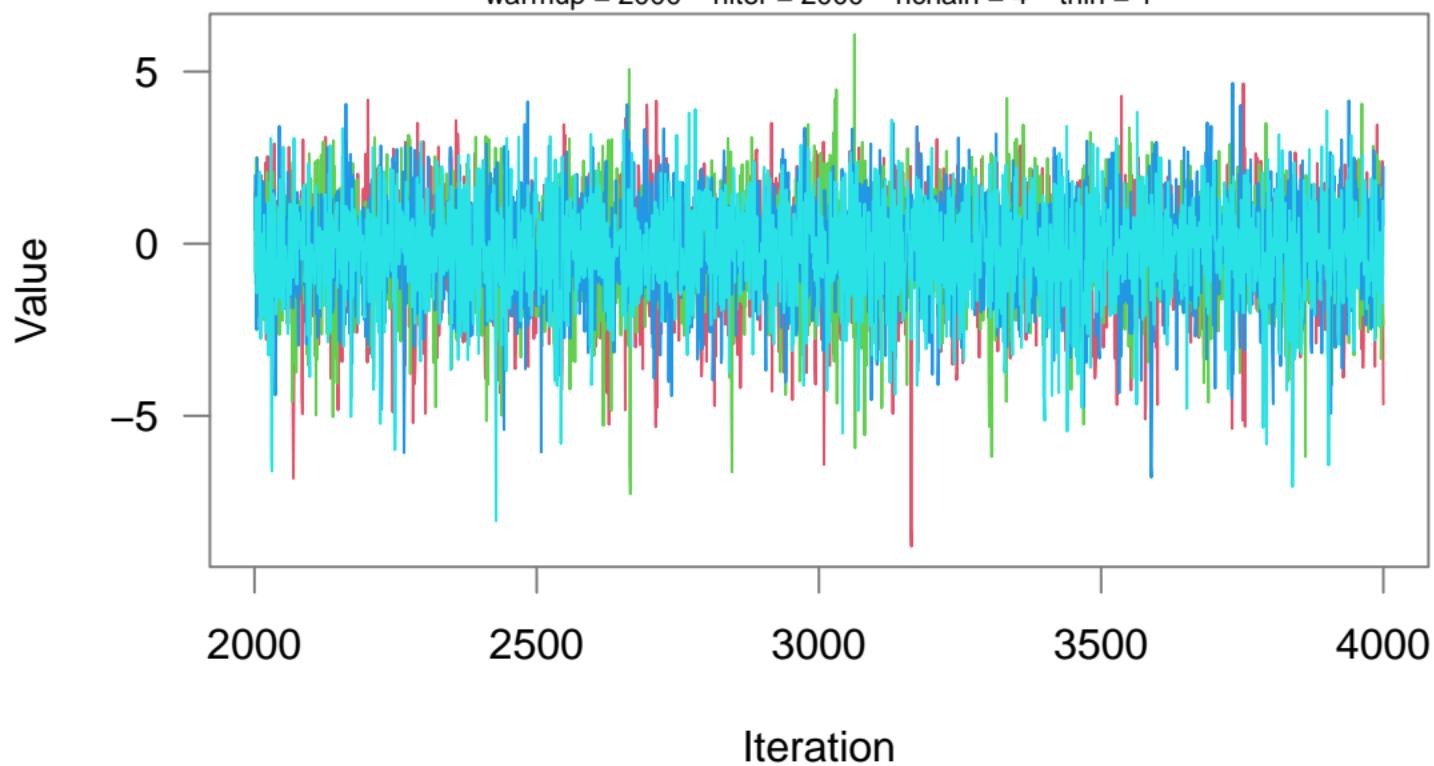
r_bay_fac:site_fac__zi[Baralof_Bar-4,Intercept]

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



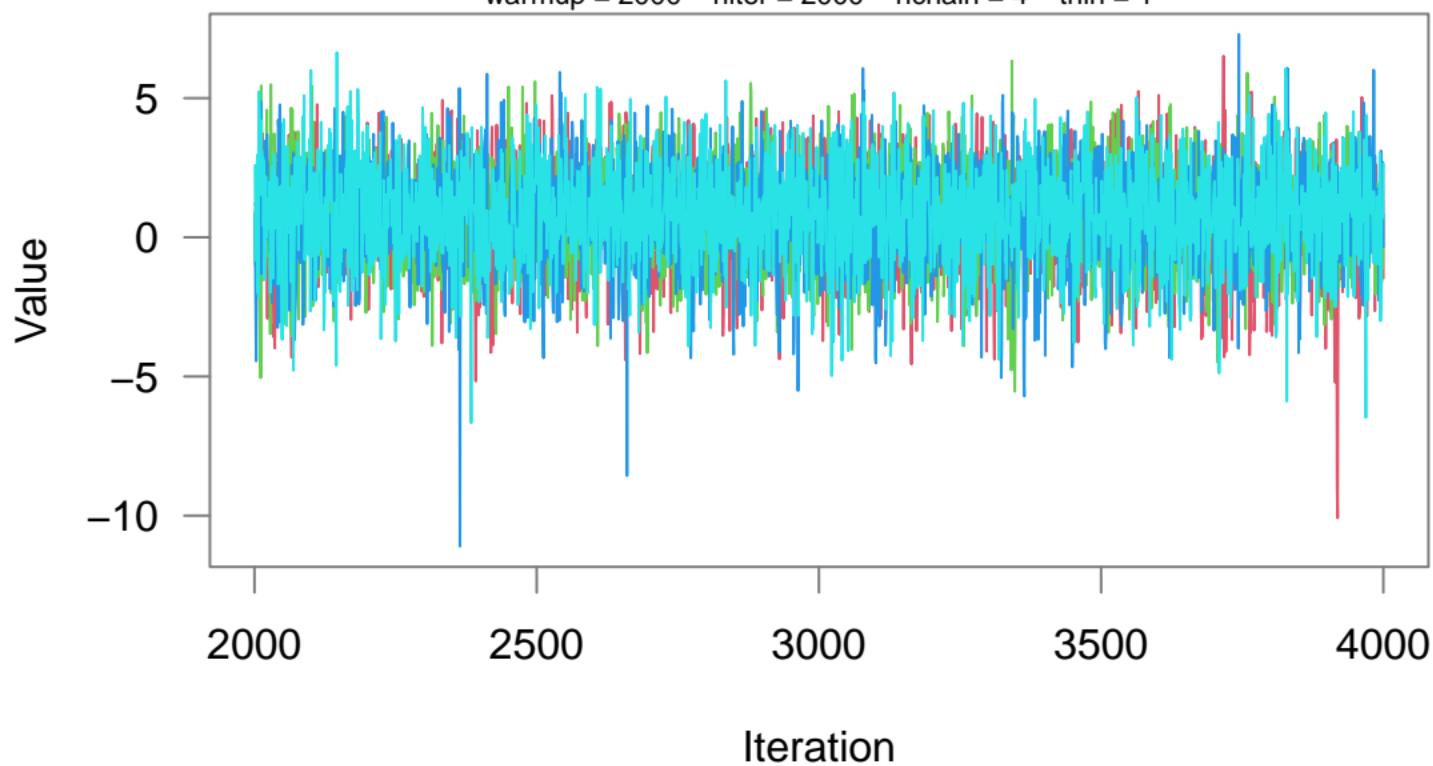
r_bay_fac:site_fac__zi[Baralof_Bar-5,Intercept]

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



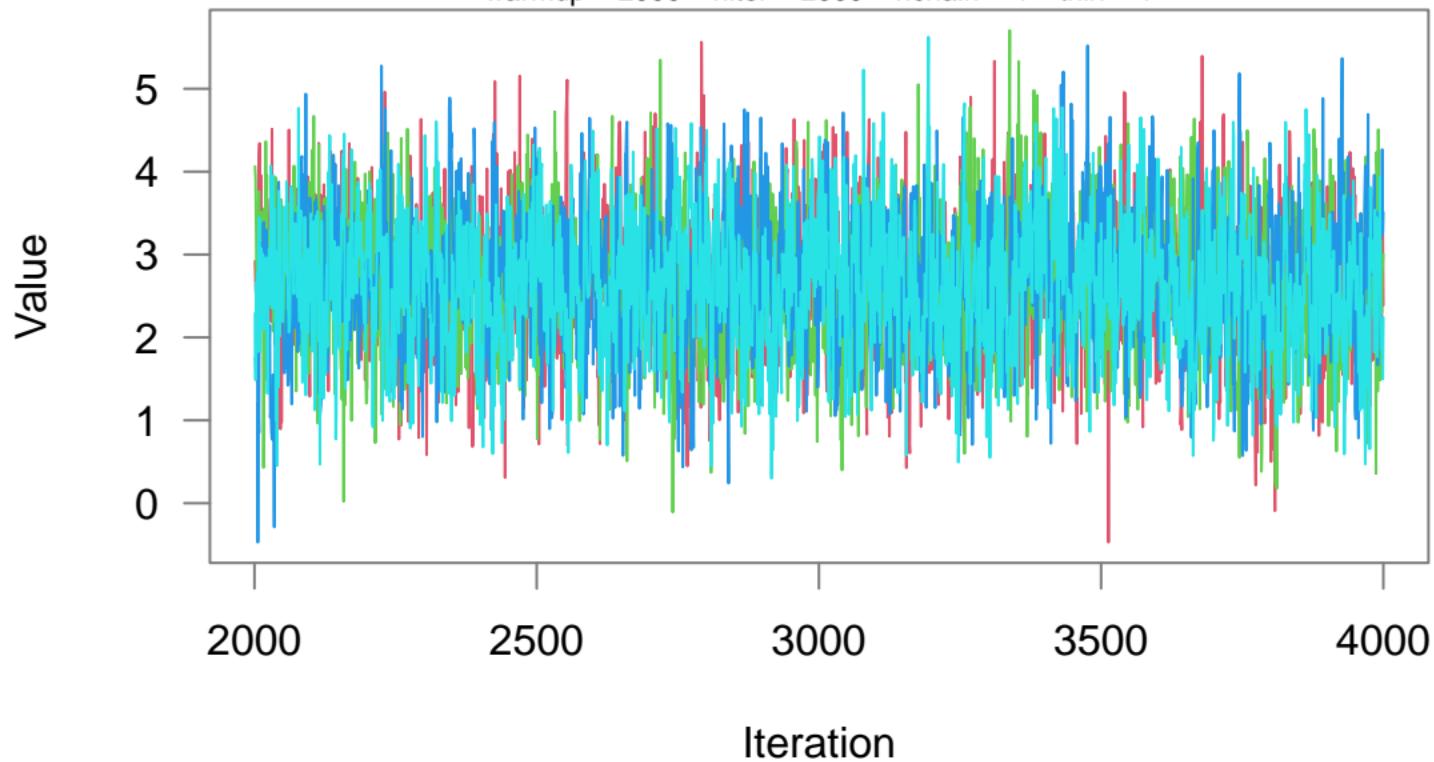
r_bay_fac:site_fac__zi[Baralof_Bar-6,Intercept]

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



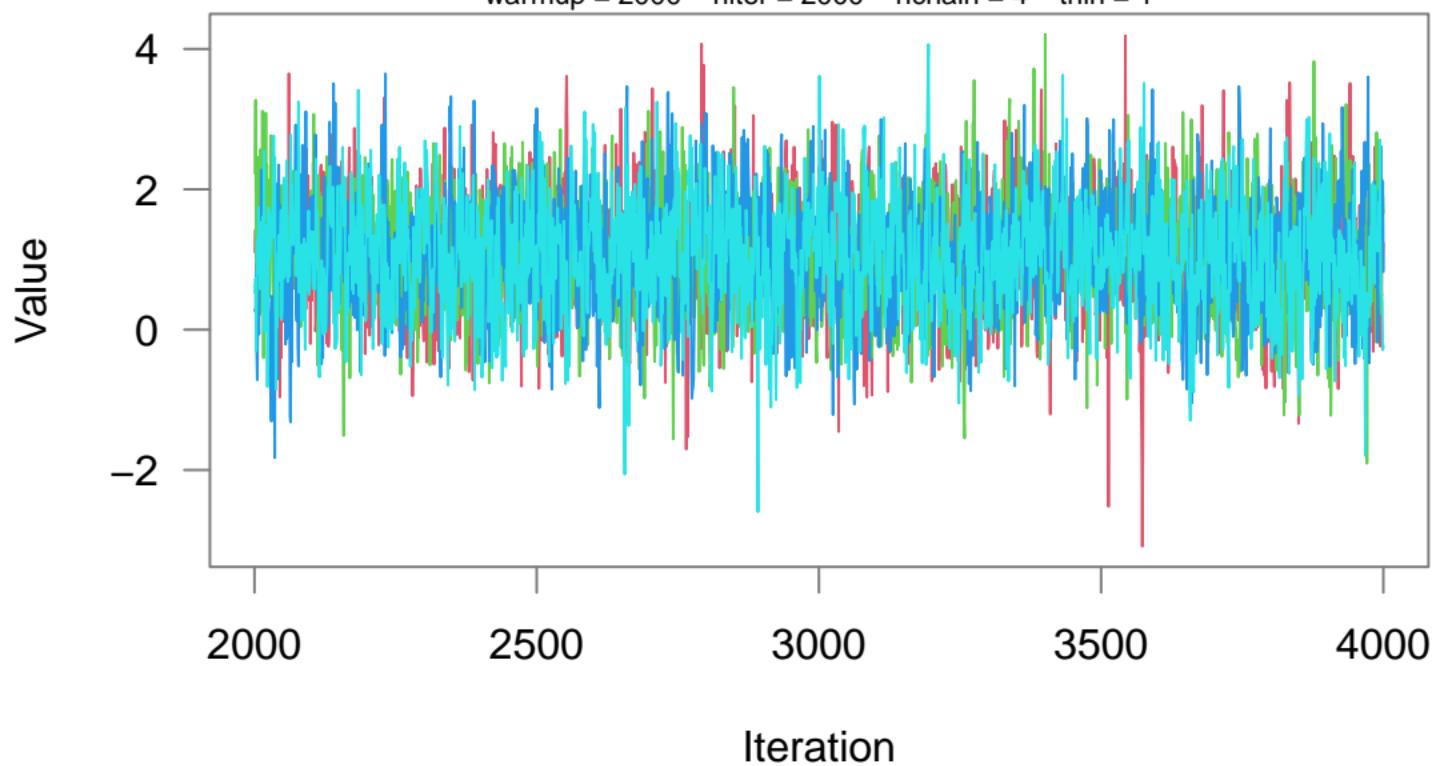
r_bay_fac:site_fac__zi[Cook_Bare.North,Intercept]

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



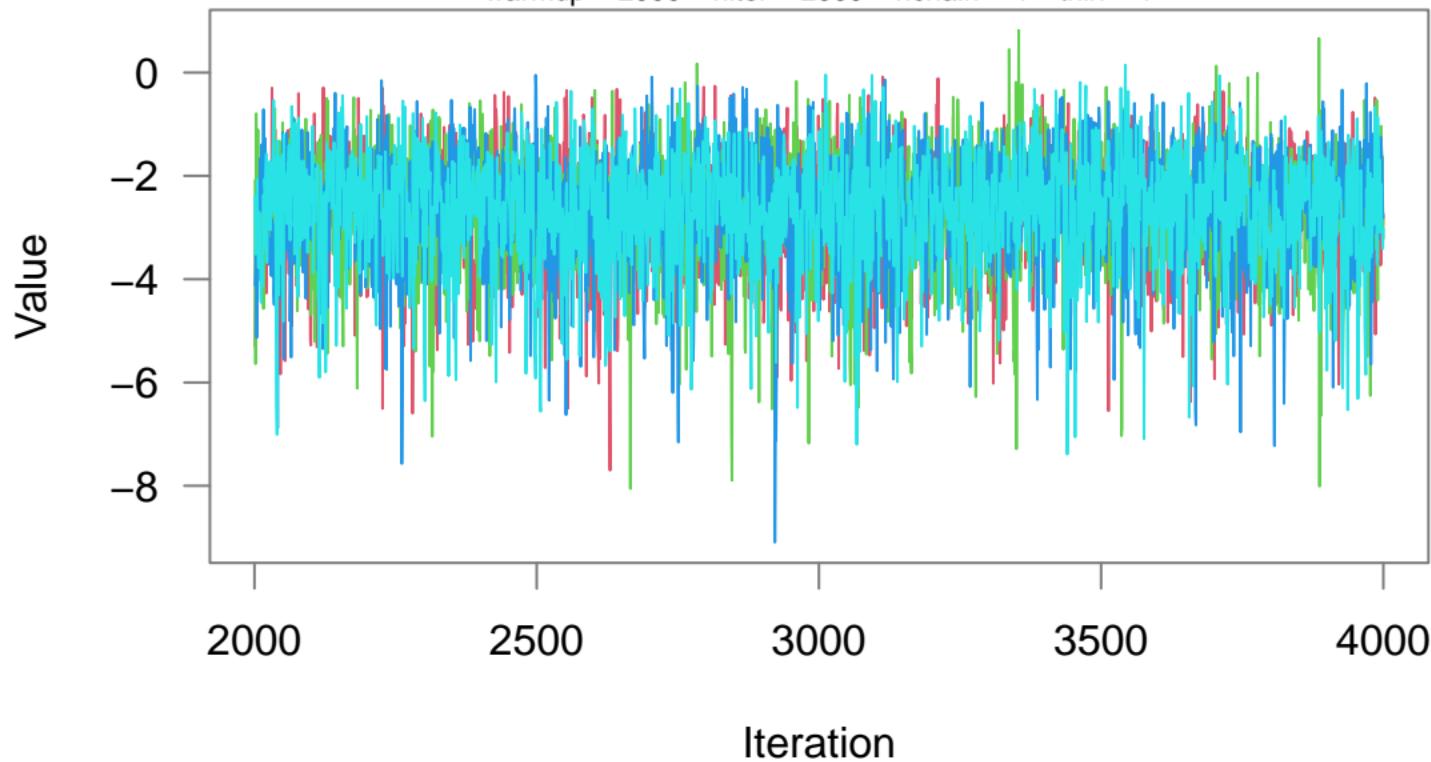
r_bay_fac:site_fac__zi[Cook_Eelgrass.North,Intercept]

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



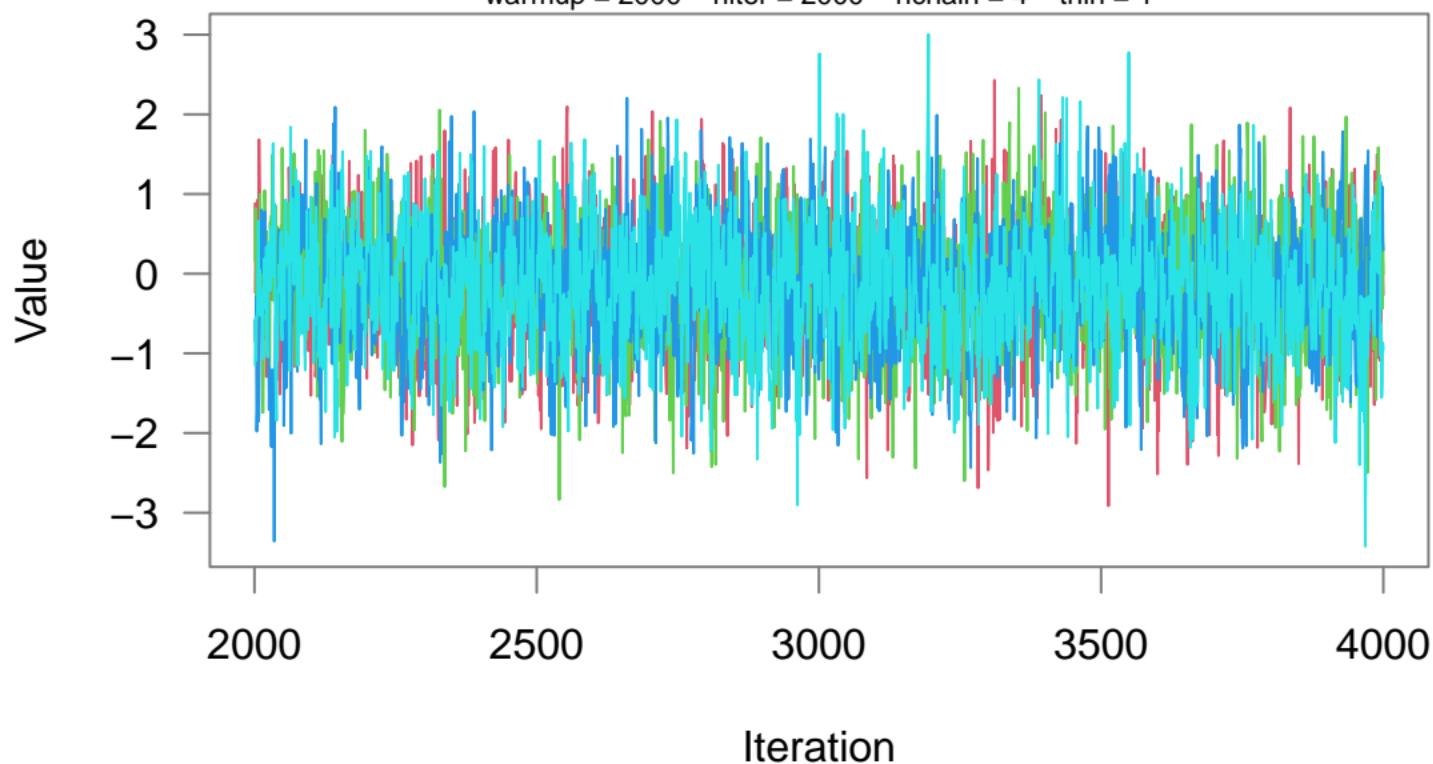
r_bay_fac:site_fac__zi[Cook_Eelgrass.South,Intercept]

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



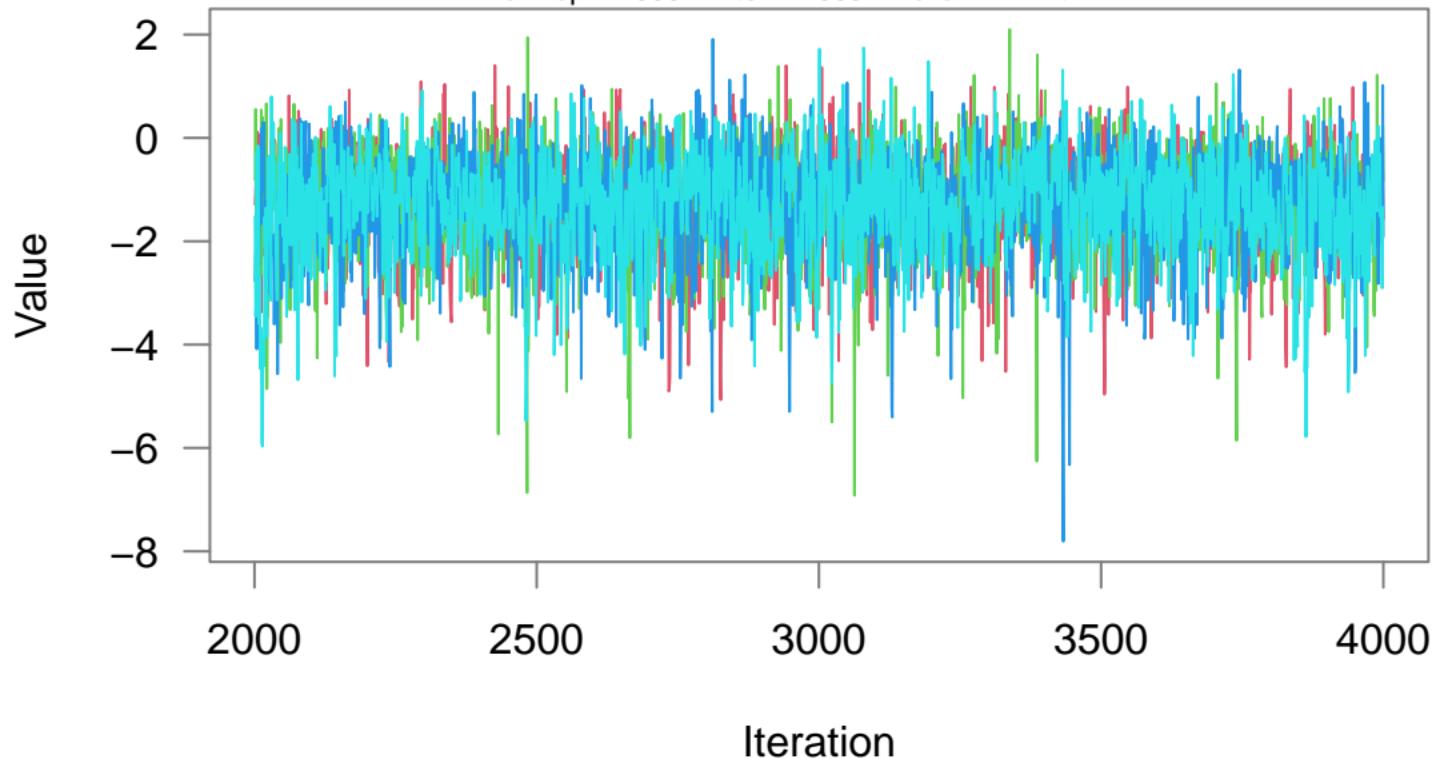
r_bay_fac:site_fac_zi[Cook_Eelgrass.West,Intercept]

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



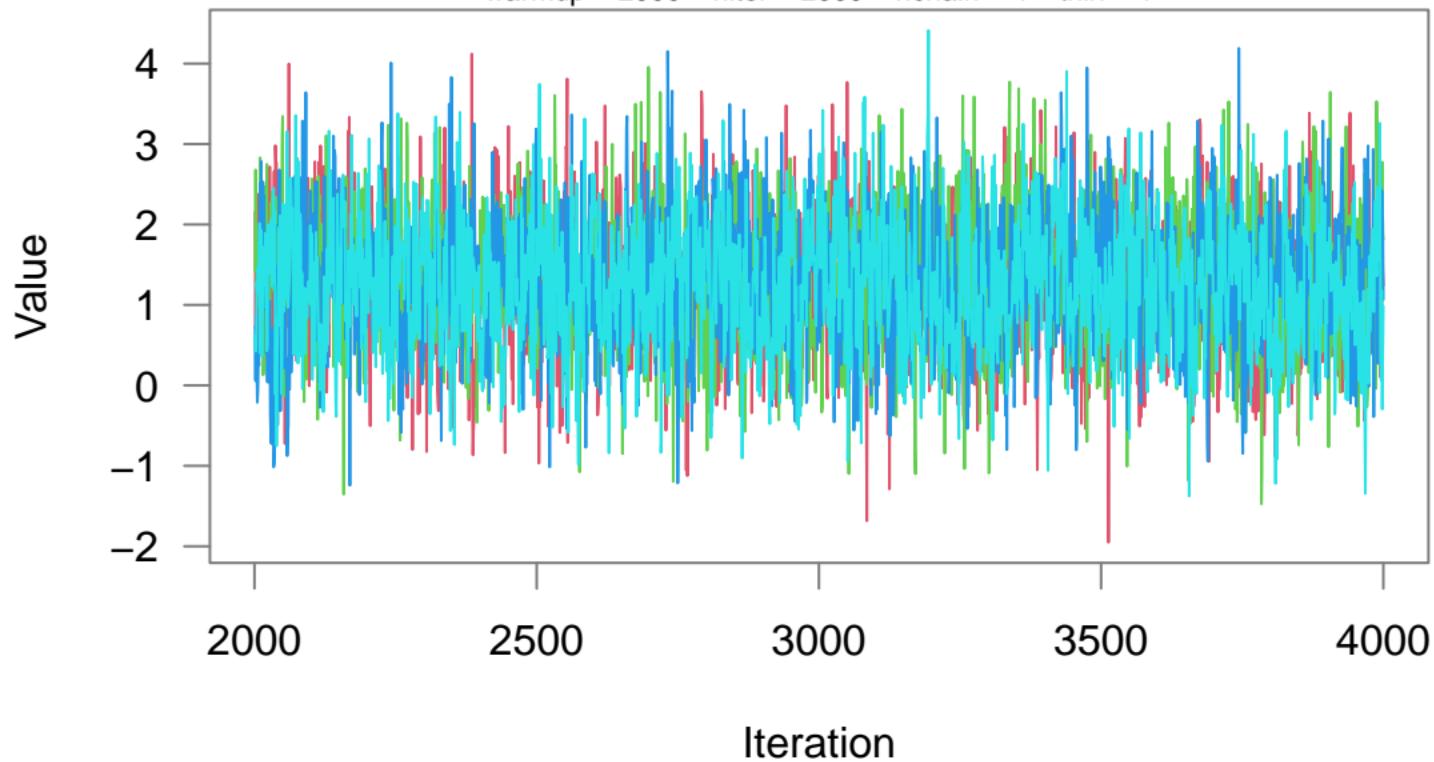
r_bay_fac:site_fac__zi[Cook_Laminaria.East,Intercept]

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

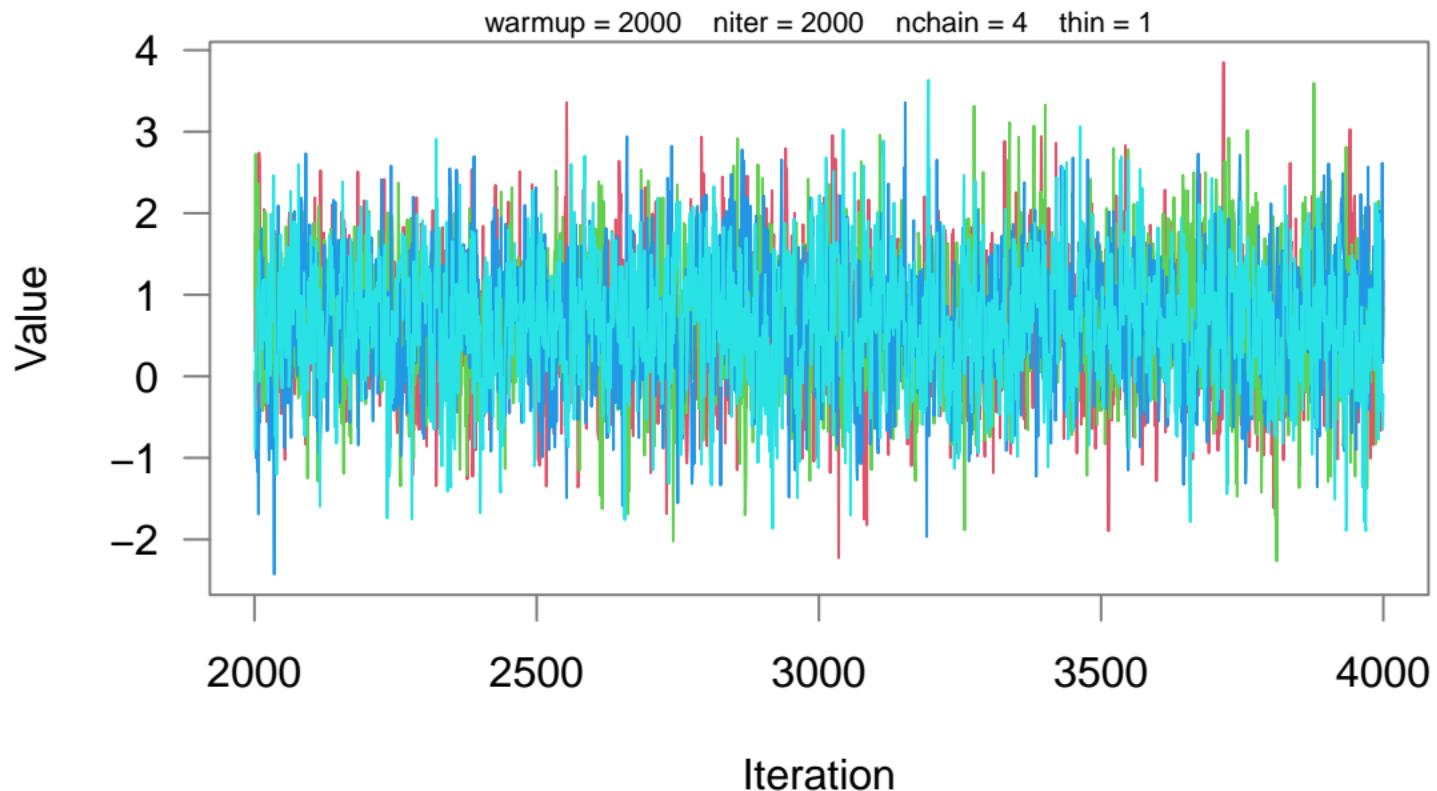


r_bay_fac:site_fac__zi[Cook_Laminaria.North,Intercept]

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

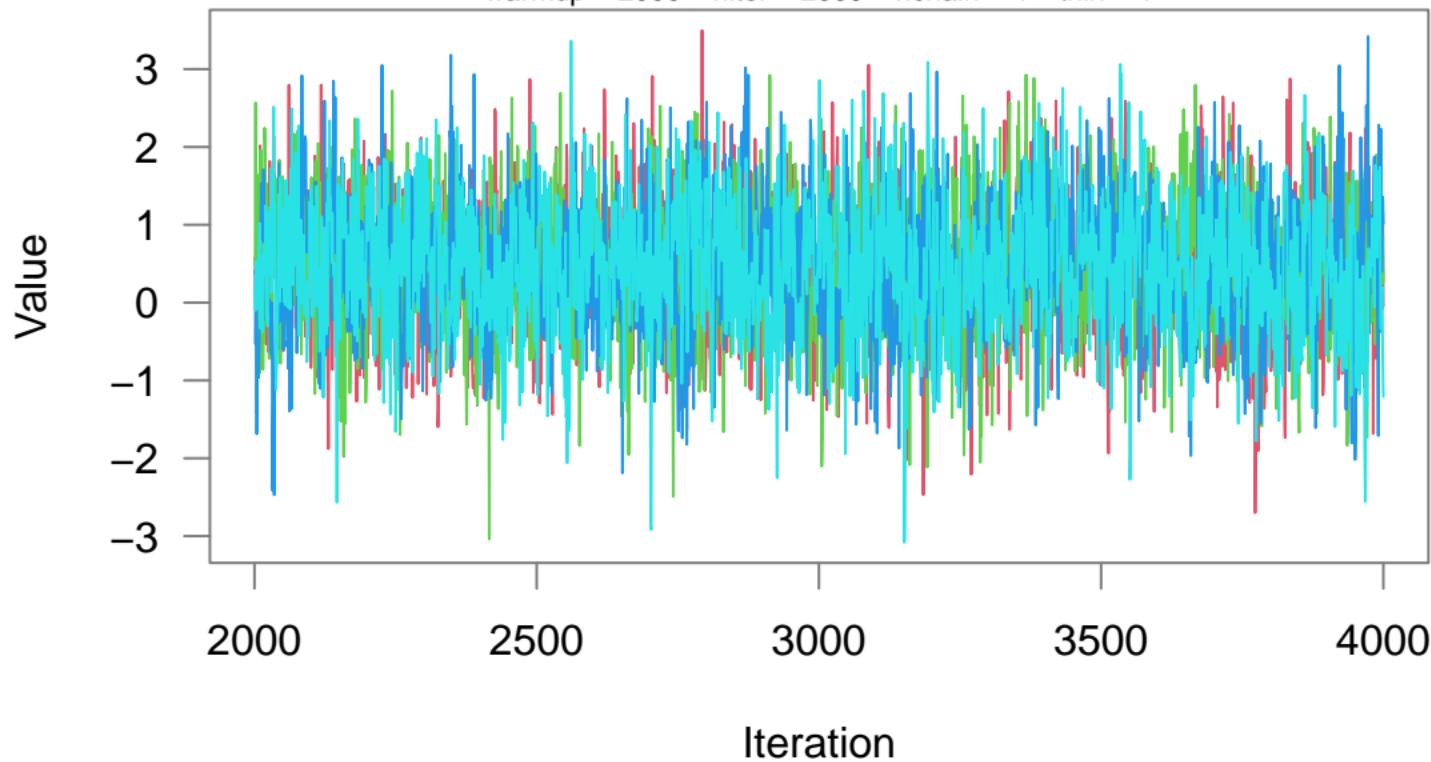


r_bay_fac:site_fac__zi[Cook_Laminaria.South,Intercept]



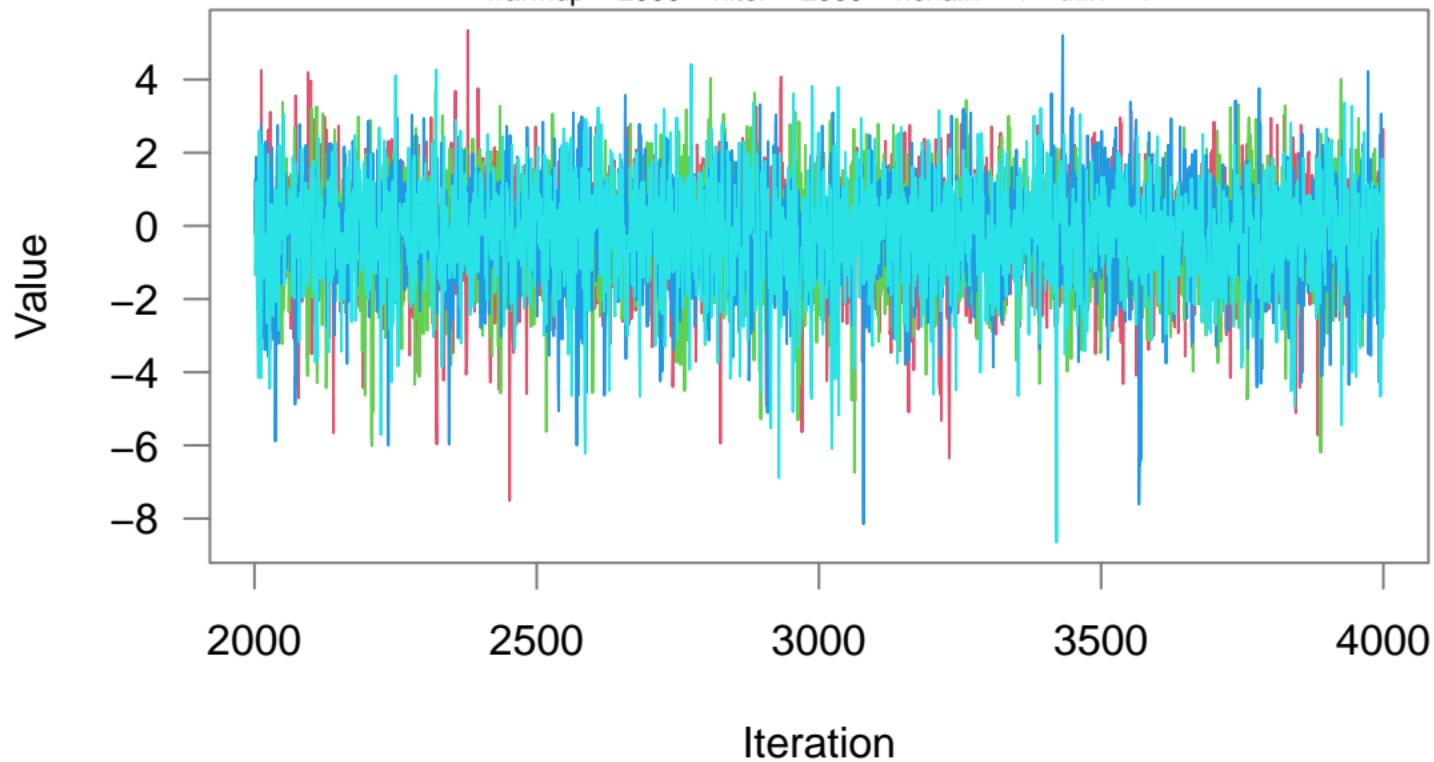
r_bay_fac:site_fac__zi[Cook_Middle.Cove,Intercept]

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



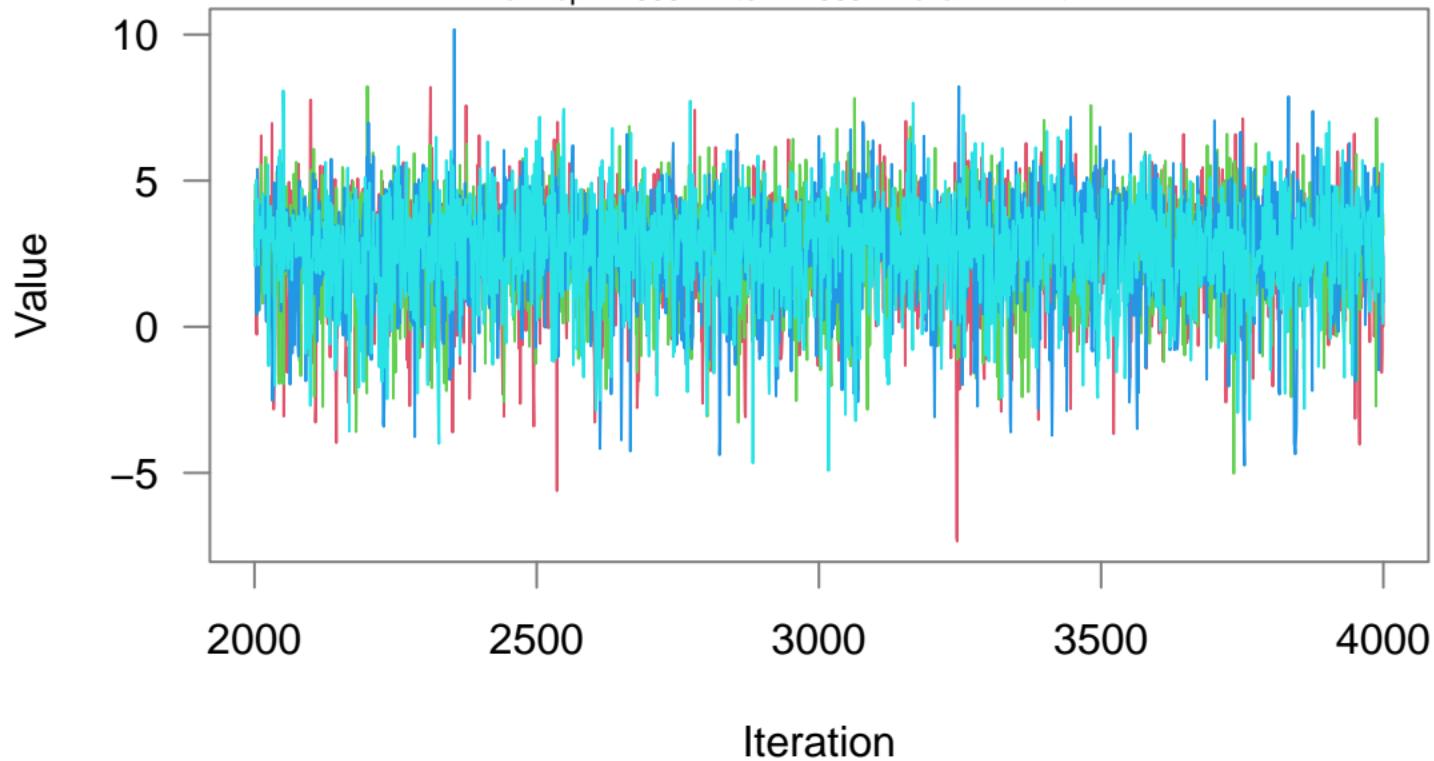
r_bay_fac:site_fac__zi[Falmouth_Fal-1,Intercept]

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

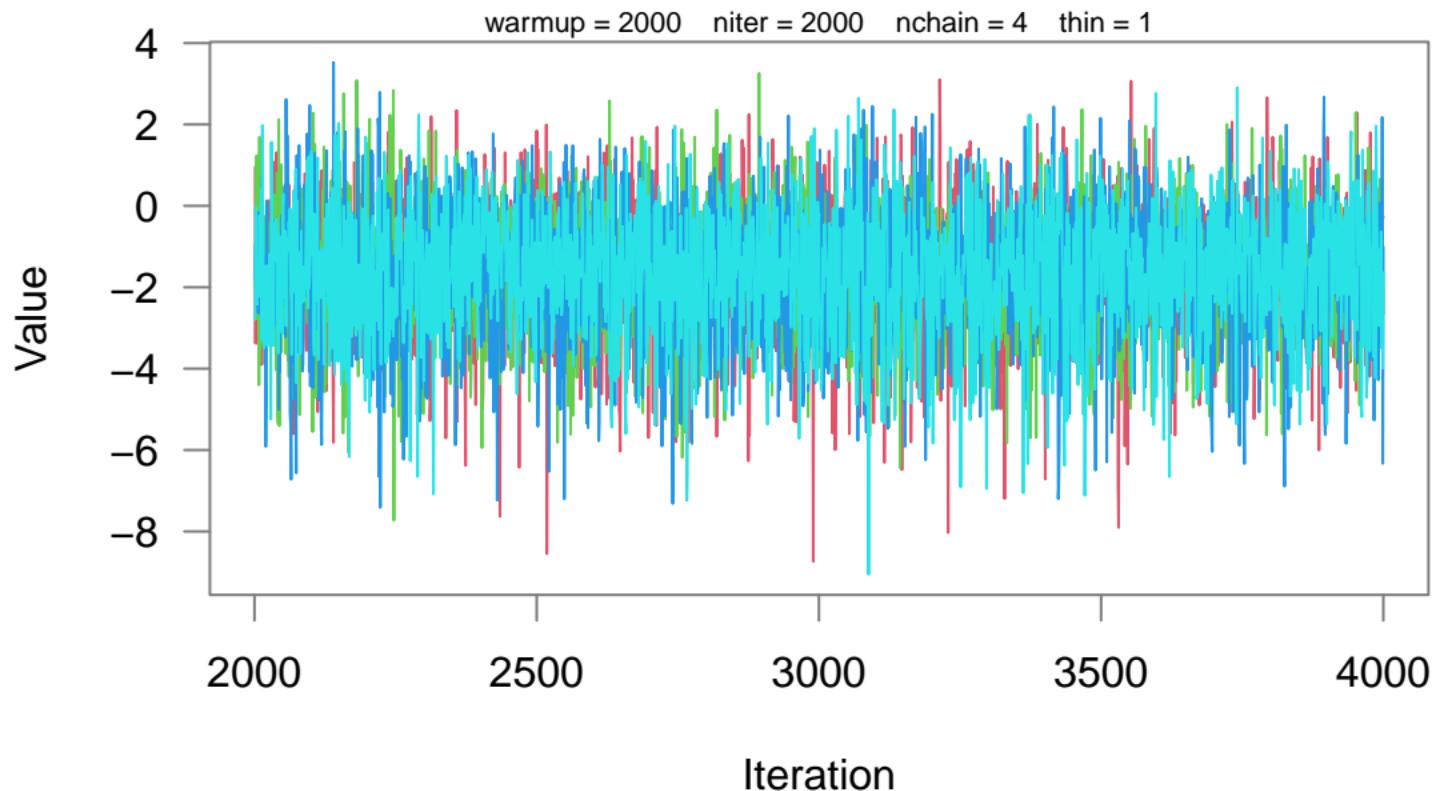


r_bay_fac:site_fac__zi[Falmouth_Fal-2,Intercept]

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

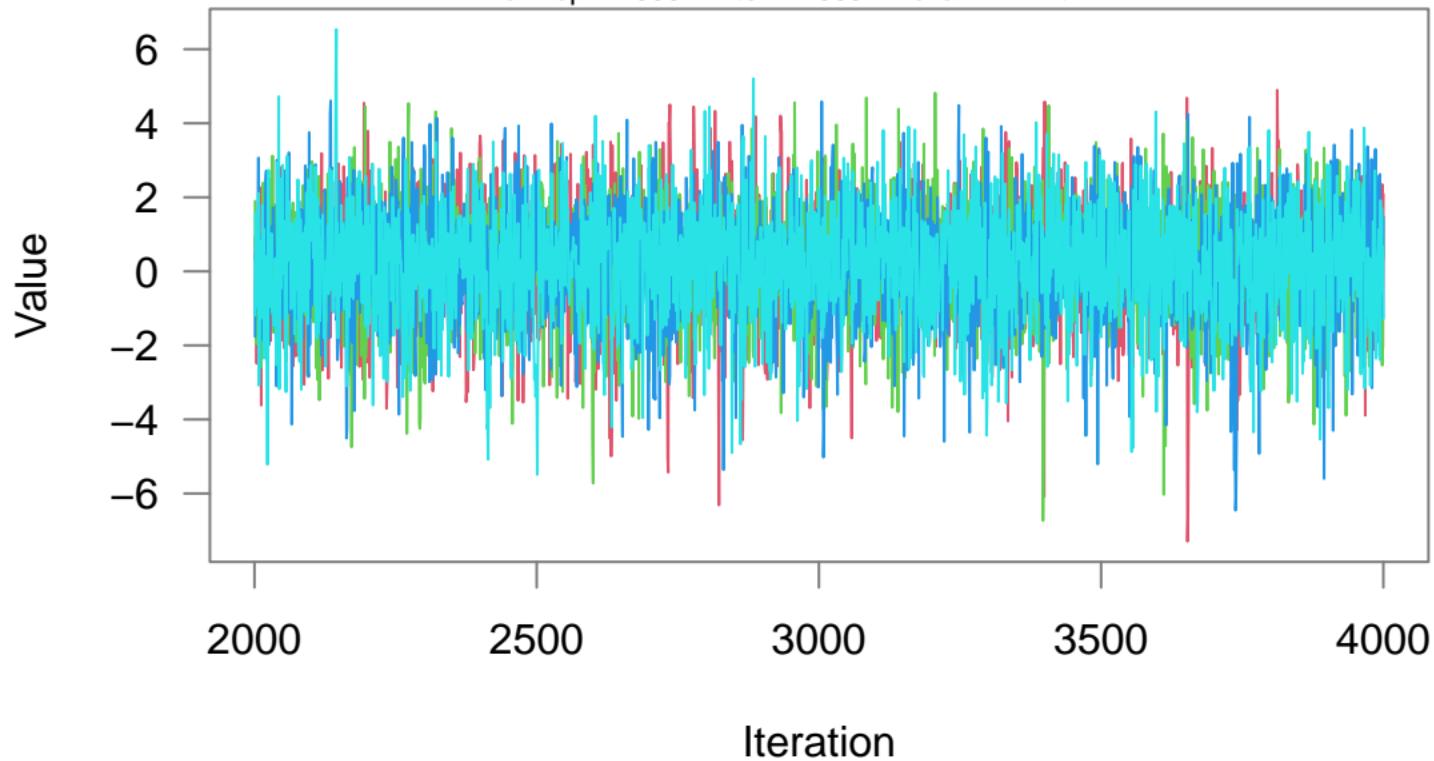


r_bay_fac:site_fac__zi[Falmouth_Fal-3,Intercept]



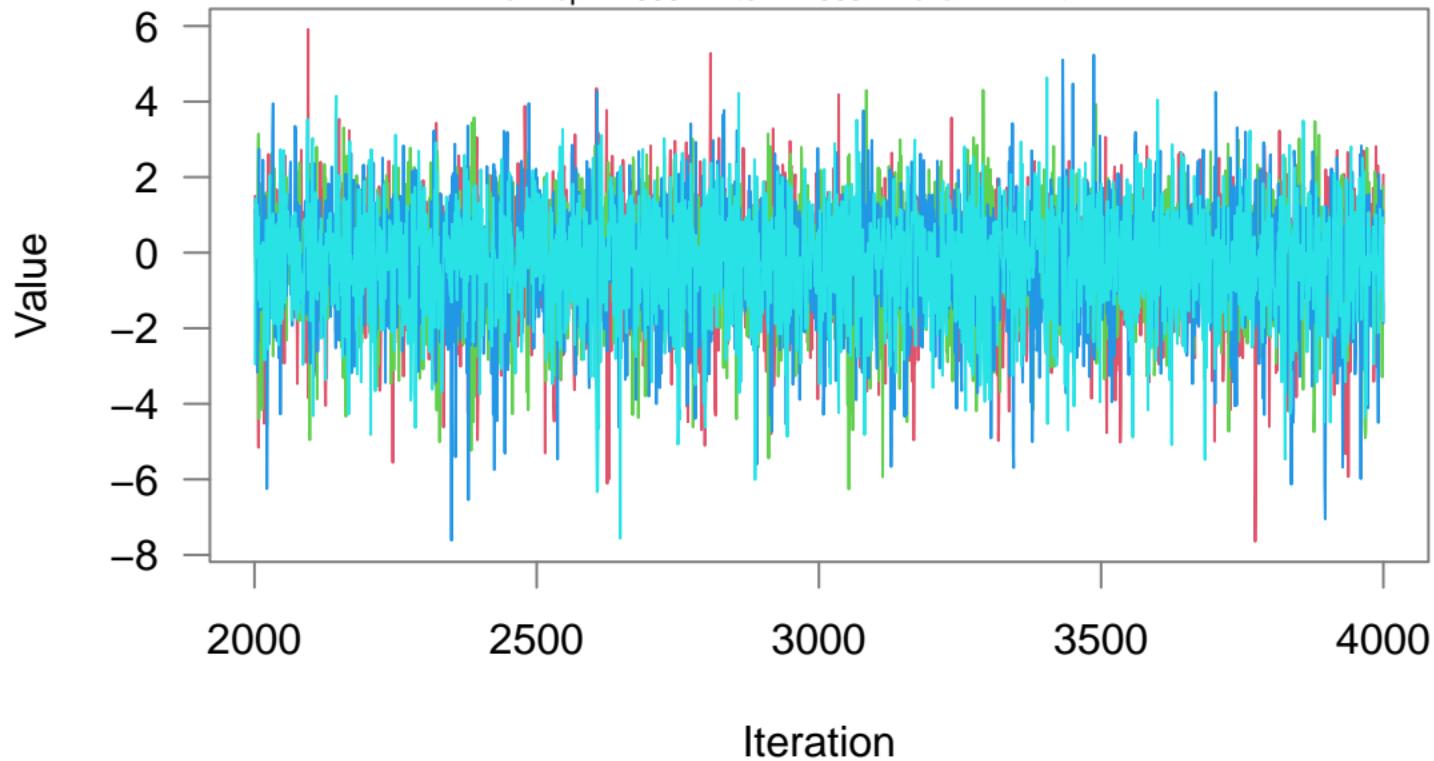
r_bay_fac:site_fac__zi[Falmouth_Fal-4,Intercept]

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



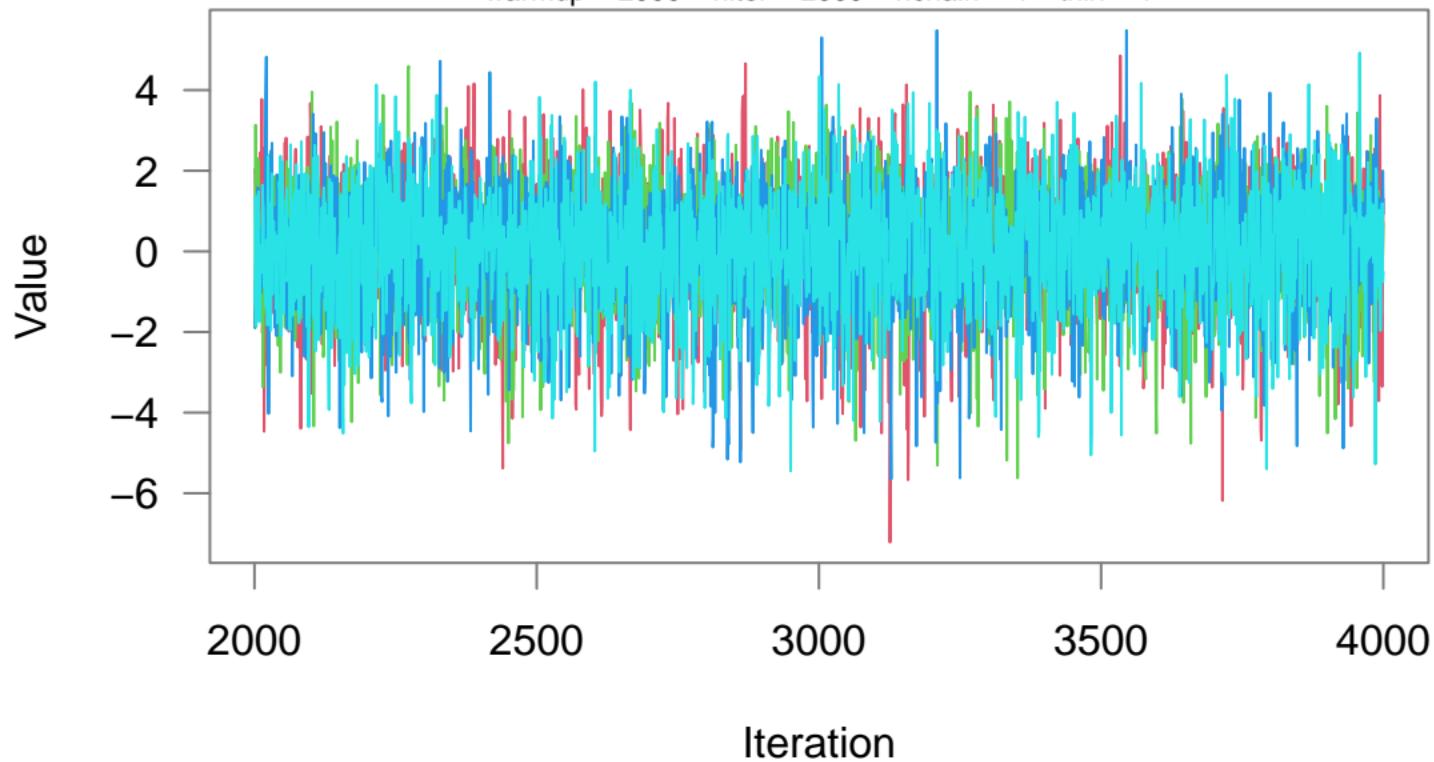
r_bay_fac:site_fac__zi[Falmouth_Fal-5,Intercept]

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



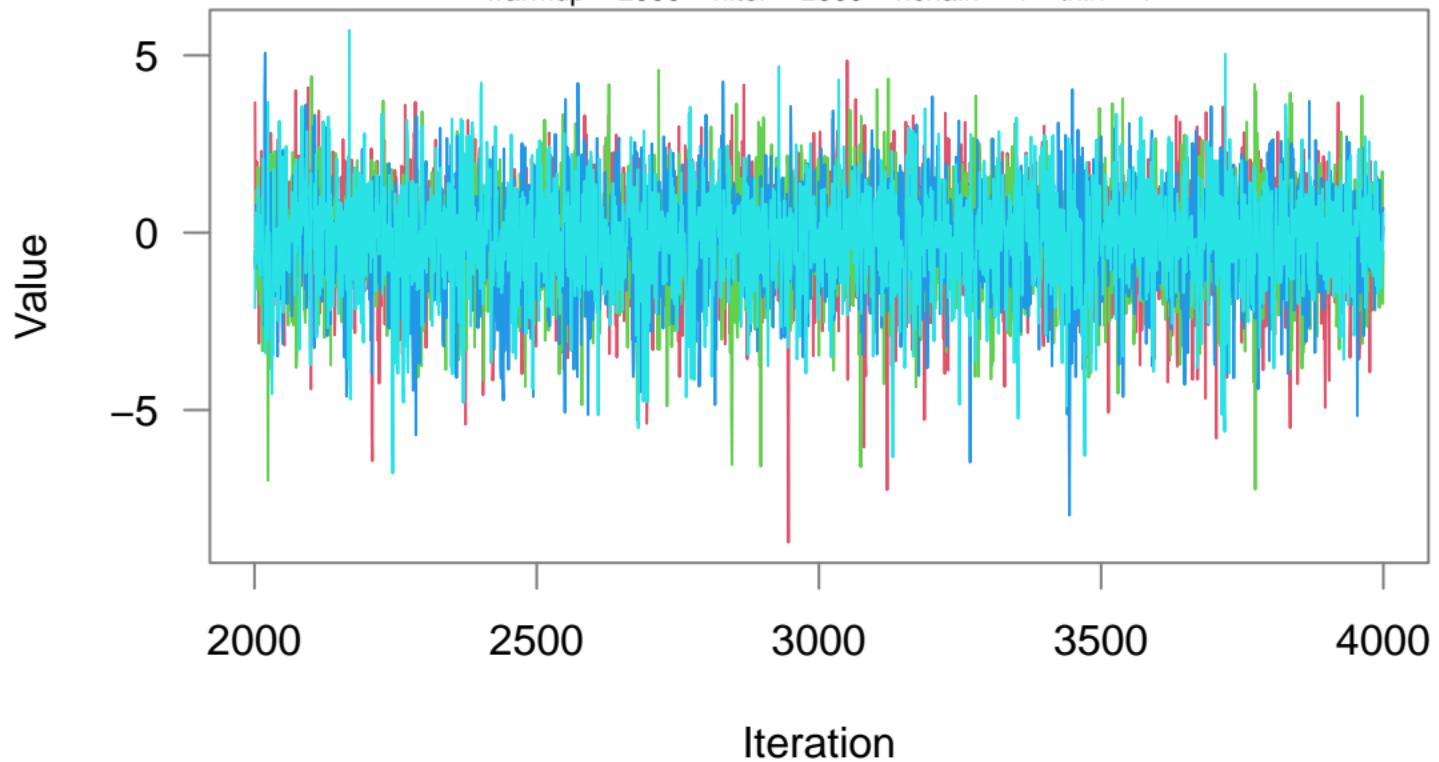
r_bay_fac:site_fac__zi[Fox_Fox-1,Intercept]

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

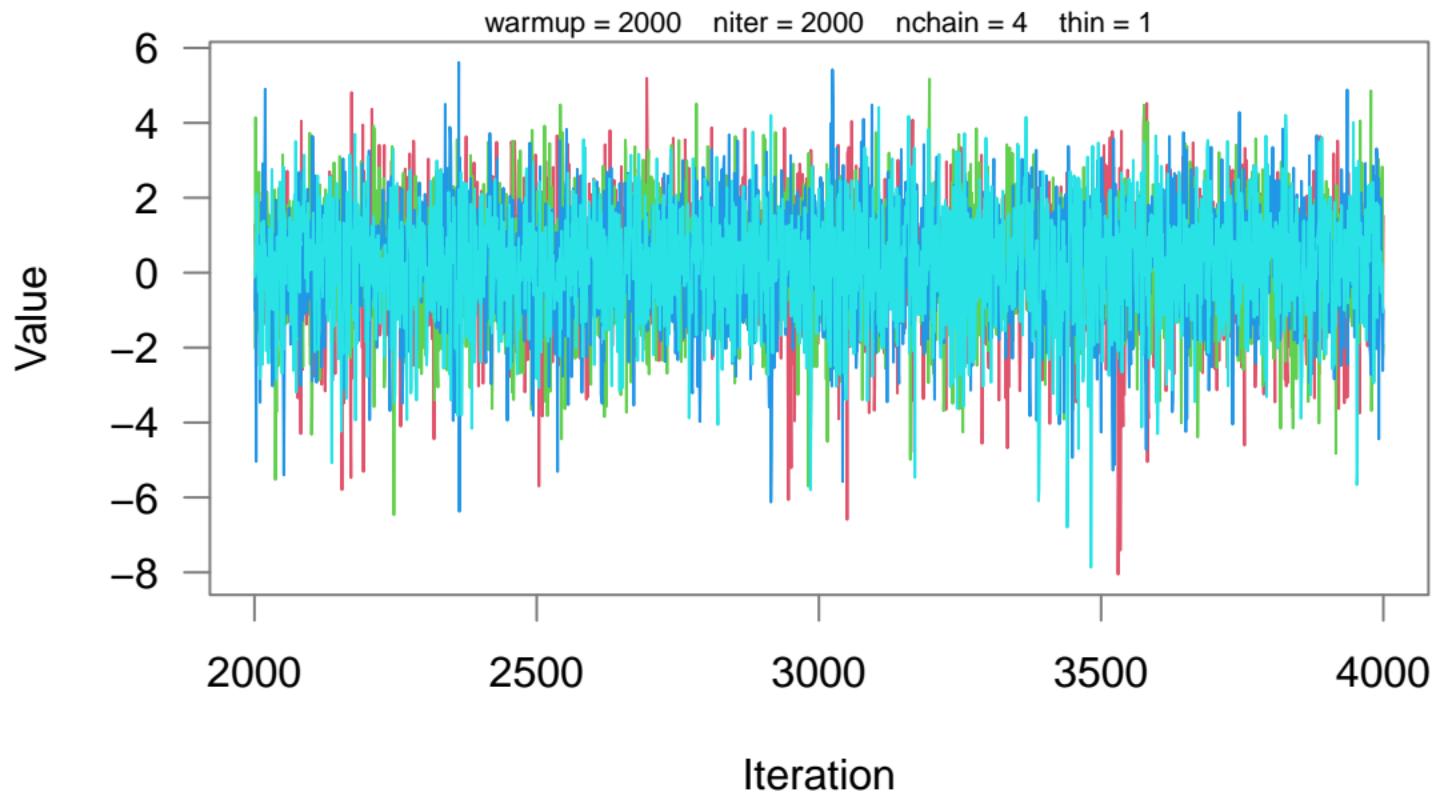


r_bay_fac:site_fac__zi[Fox_Fox-2,Intercept]

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

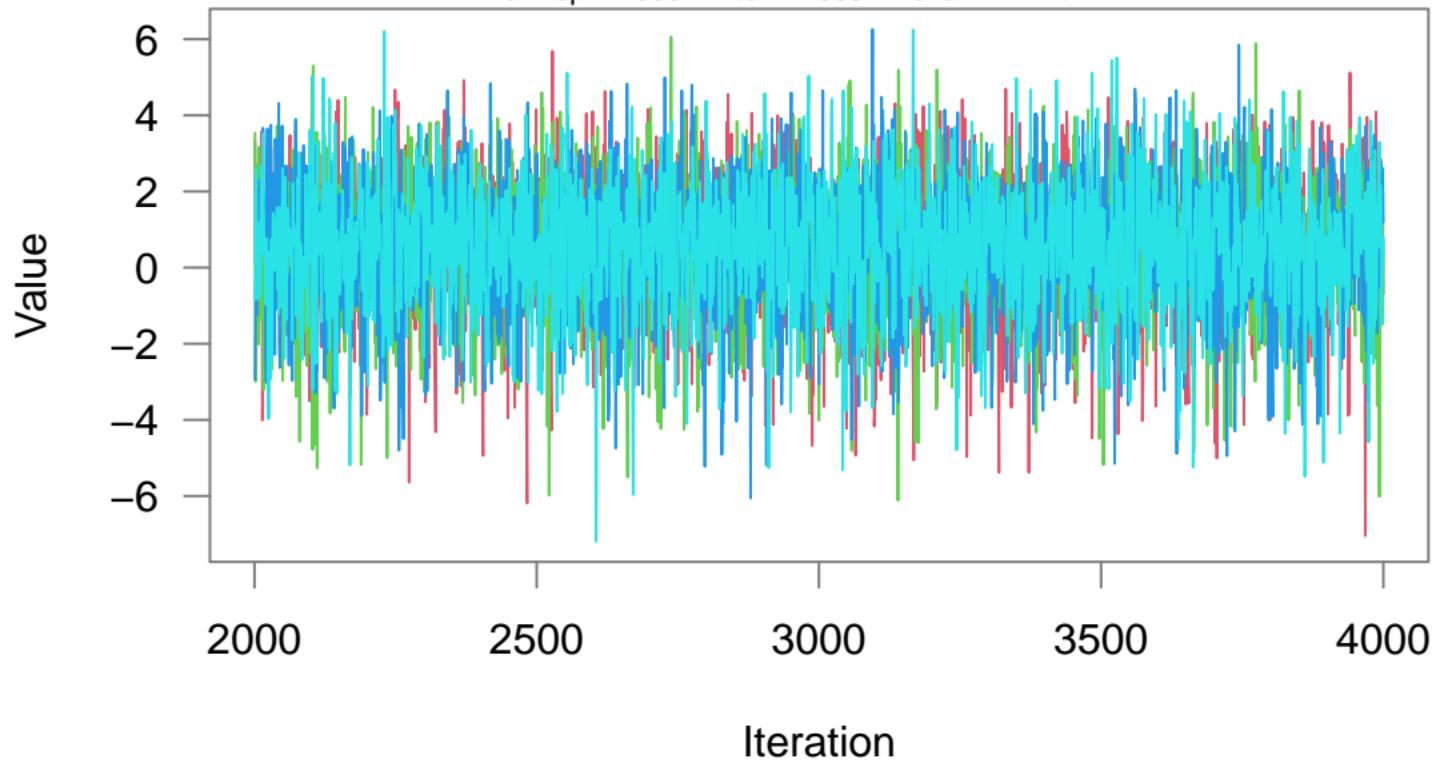


r_bay_fac:site_fac__zi[Fox_Fox-3,Intercept]



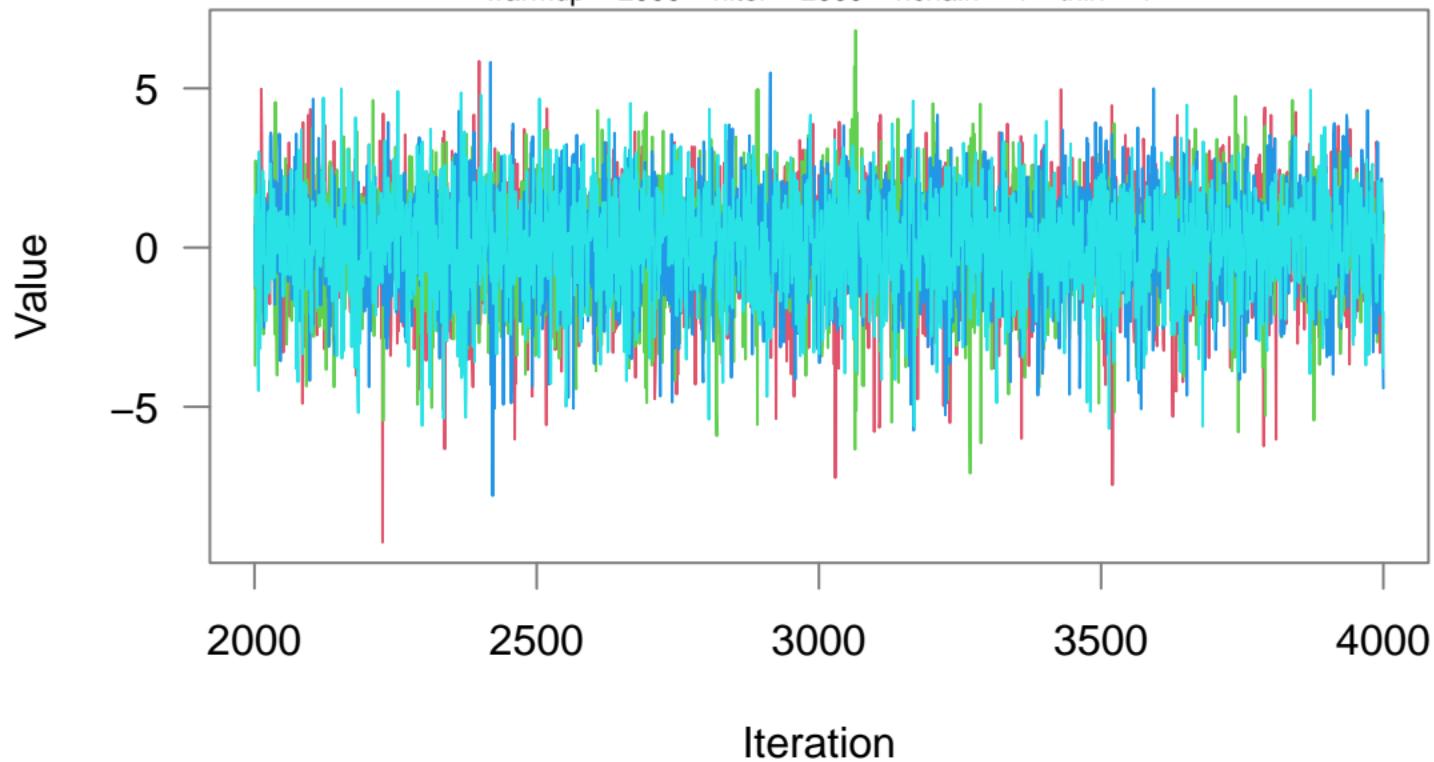
r_bay_fac:site_fac__zi[Fox_Fox-4,Intercept]

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



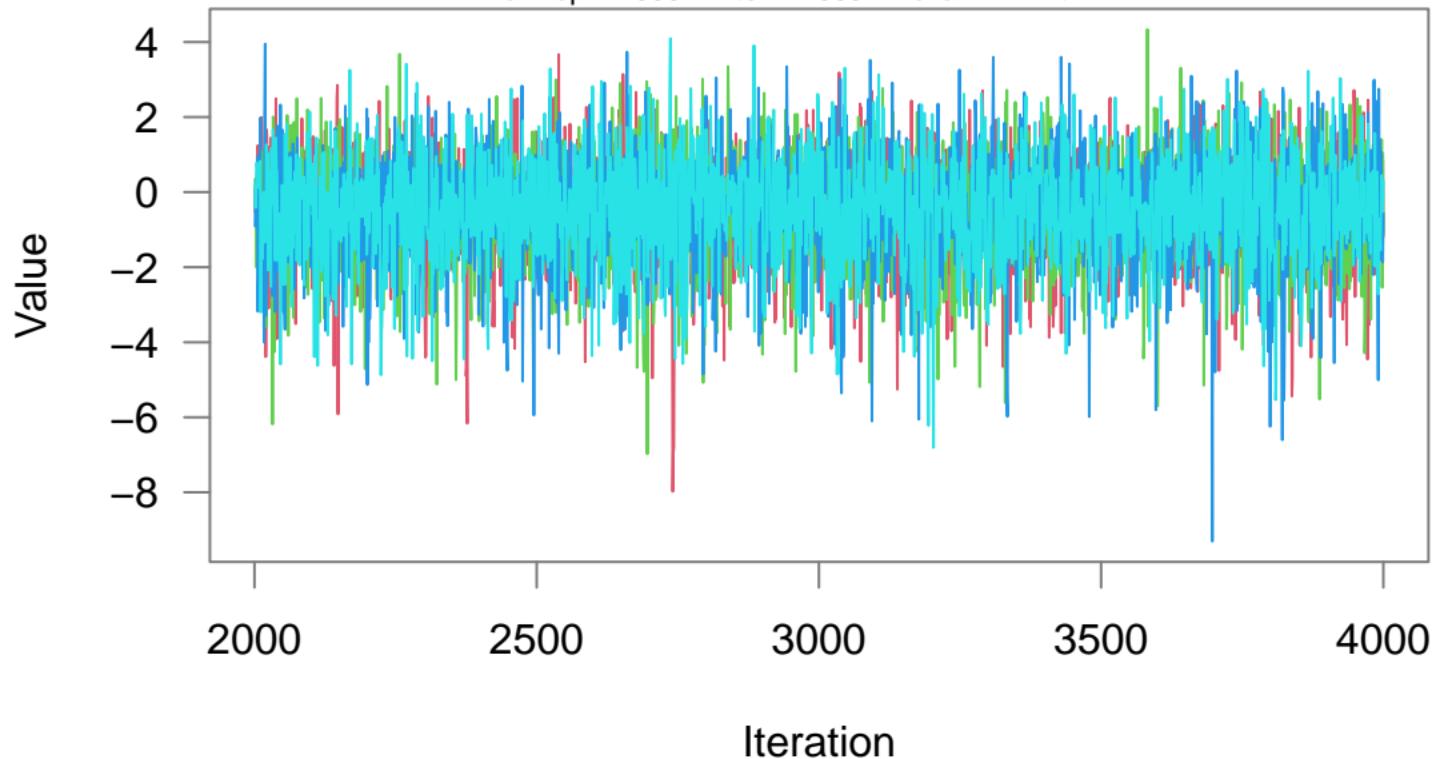
r_bay_fac:site_fac__zi[Fox_Fox-5,Intercept]

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



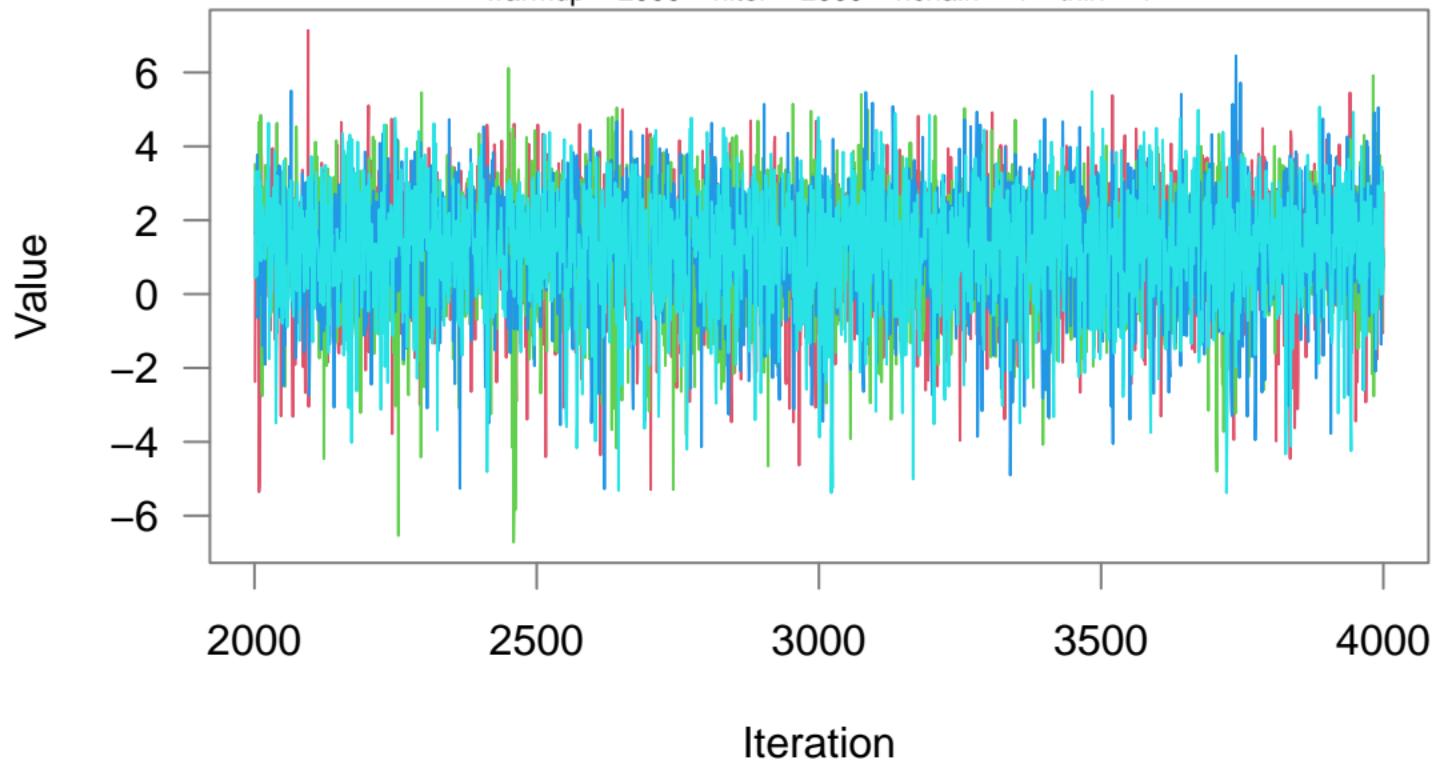
r_bay_fac:site_fac__zi[Japanese_Jap-1,Intercept]

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



r_bay_fac:site_fac__zi[Japanese_Jap-2,Intercept]

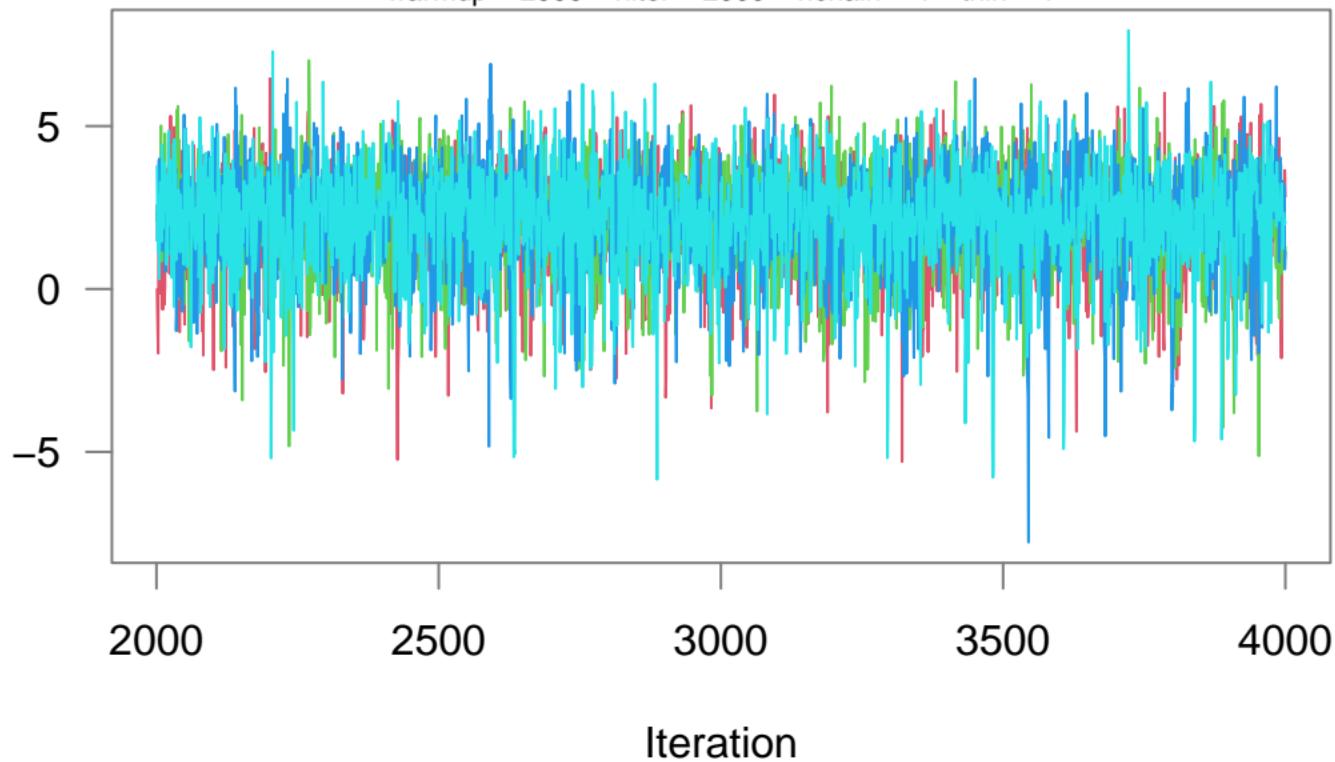
warmup = 2000 niter = 2000 nchain = 4 thin = 1



r_bay_fac:site_fac__zi[Japanese_Jap-3,Intercept]

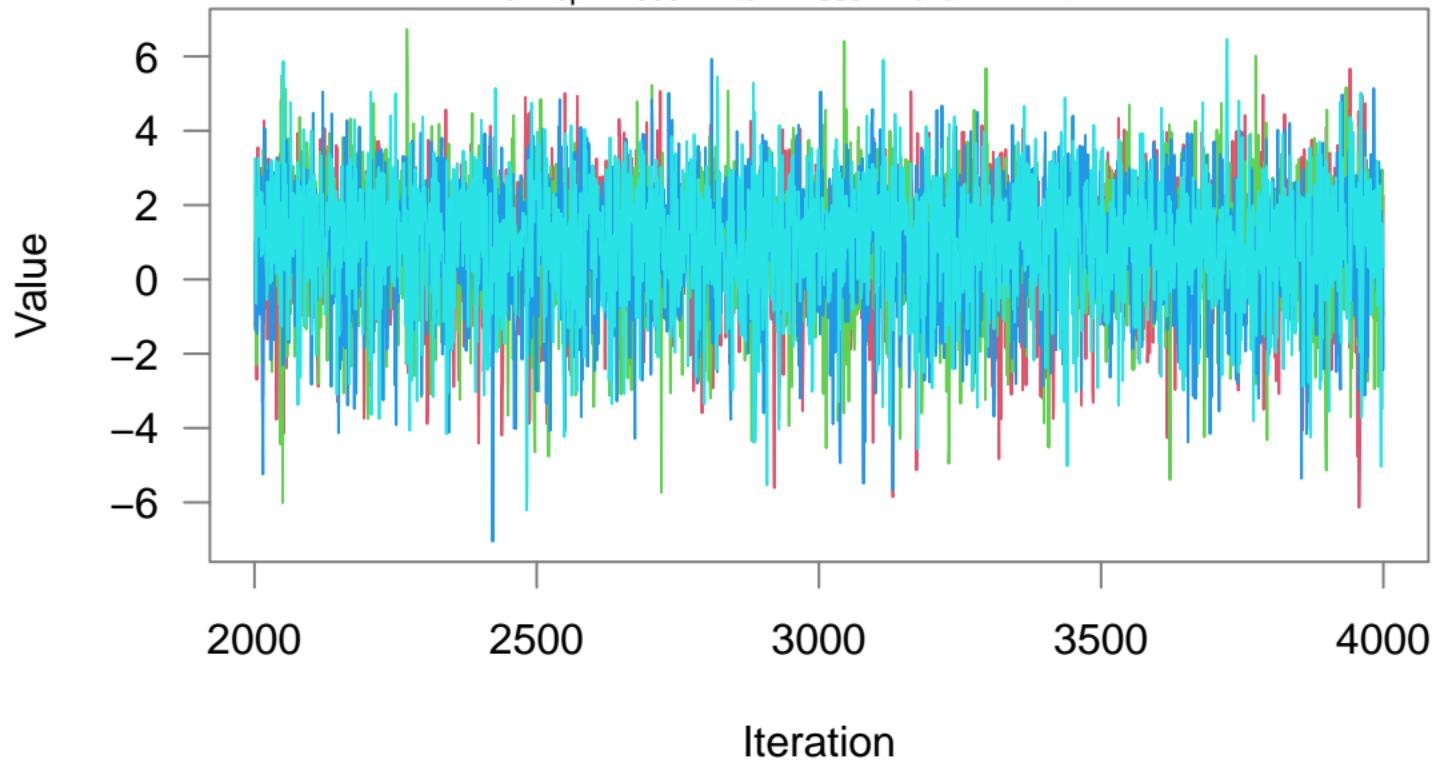
warmup = 2000 niter = 2000 nchain = 4 thin = 1

Value



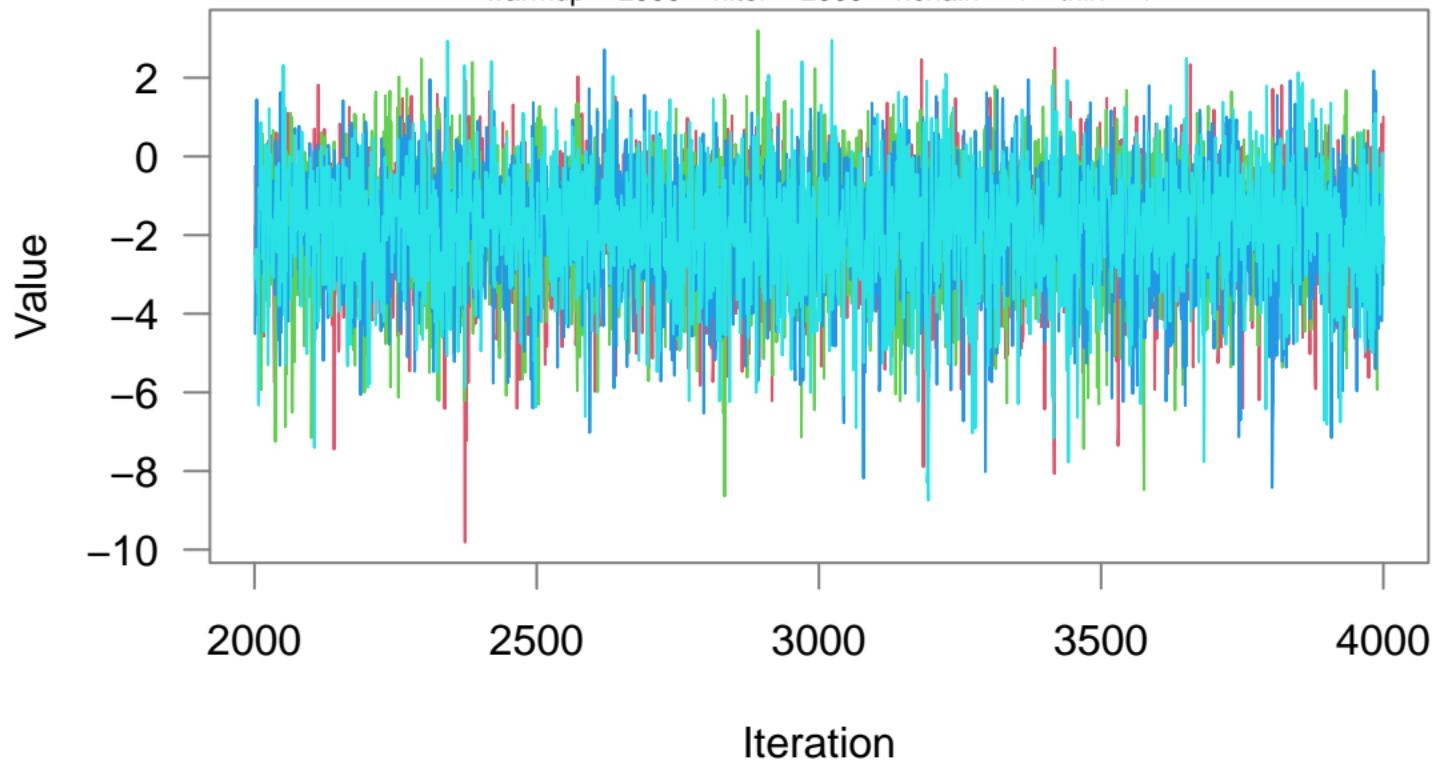
r_bay_fac:site_fac__zi[Japanese_Jap-4,Intercept]

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



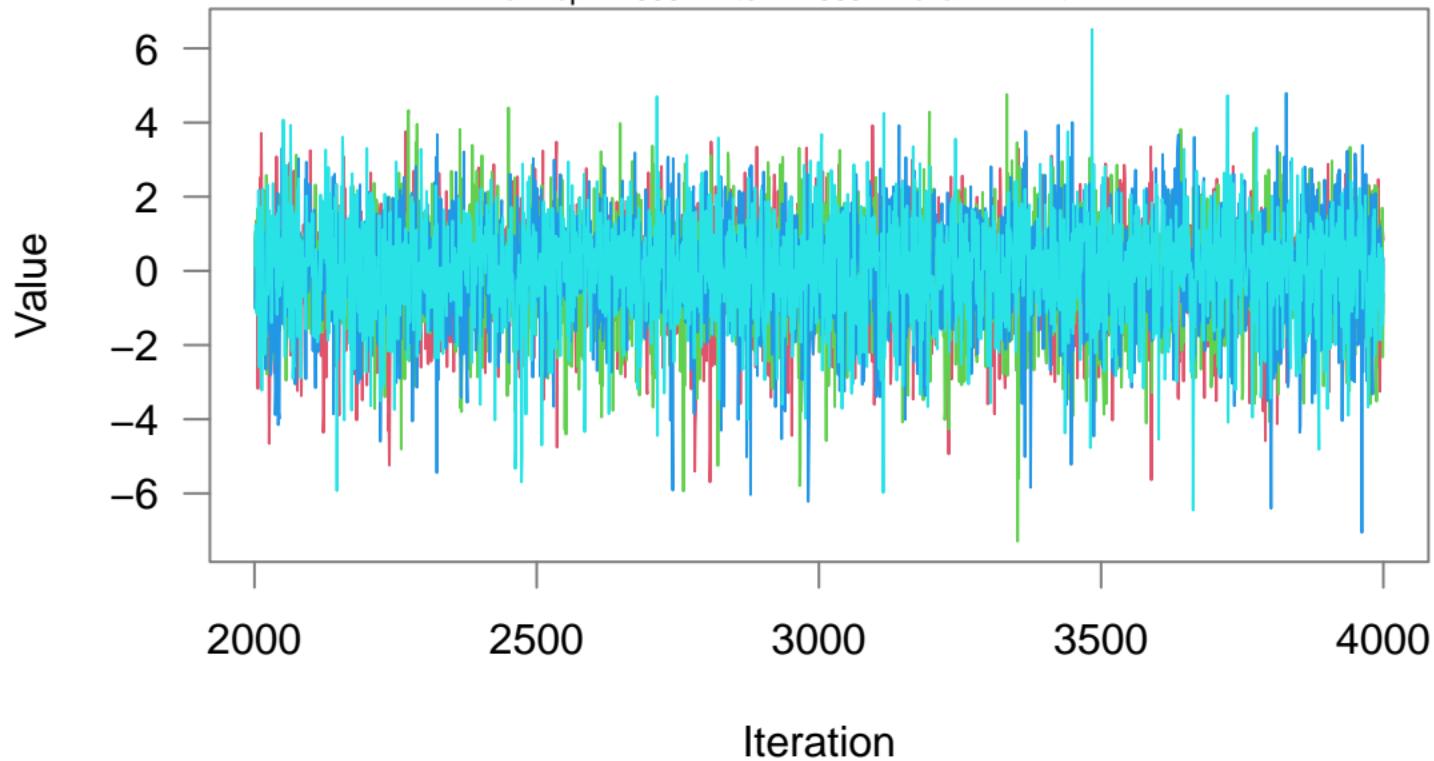
r_bay_fac:site_fac__zi[Japanese_Jap-5,Intercept]

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

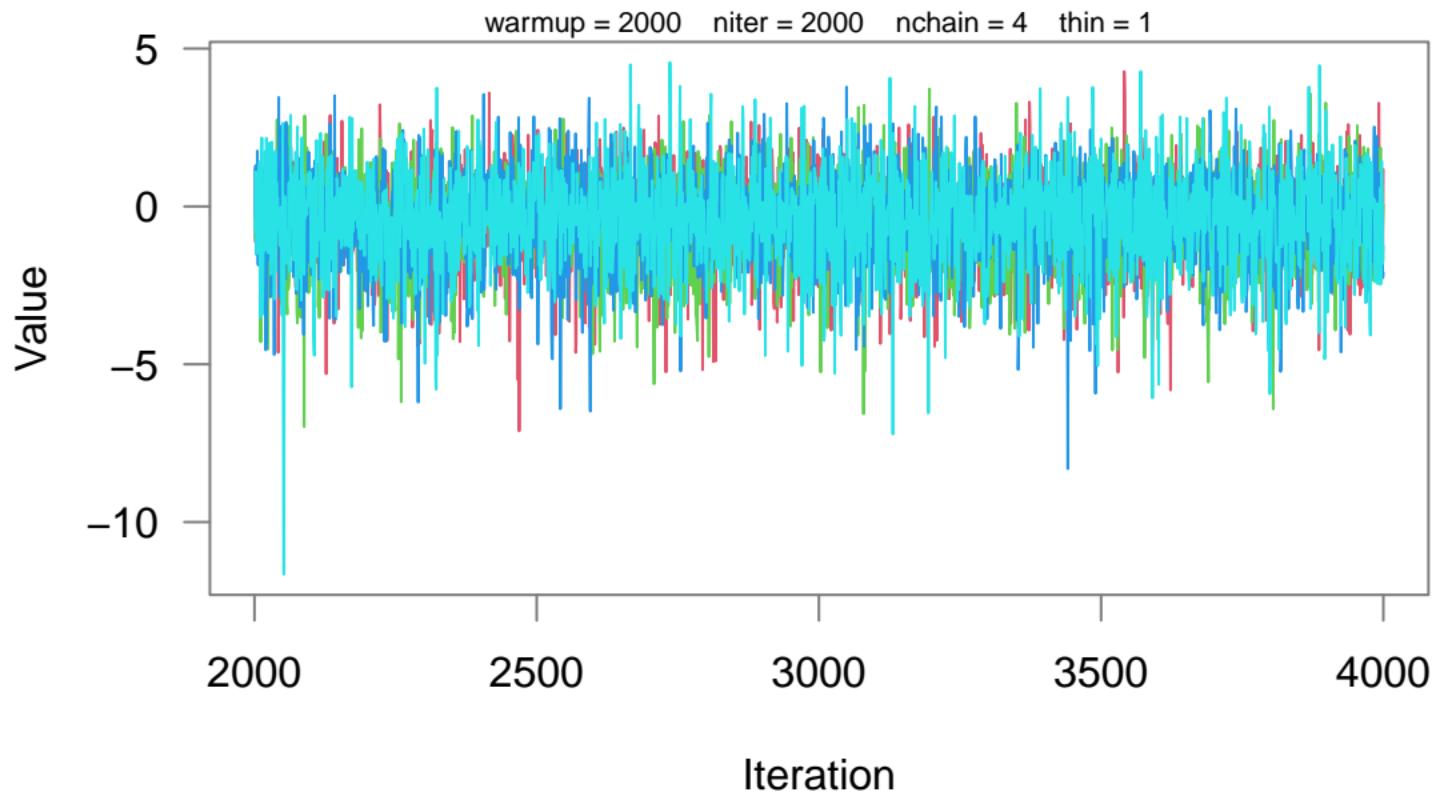


r_bay_fac:site_fac__zi[Japanese_Jap-6,Intercept]

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

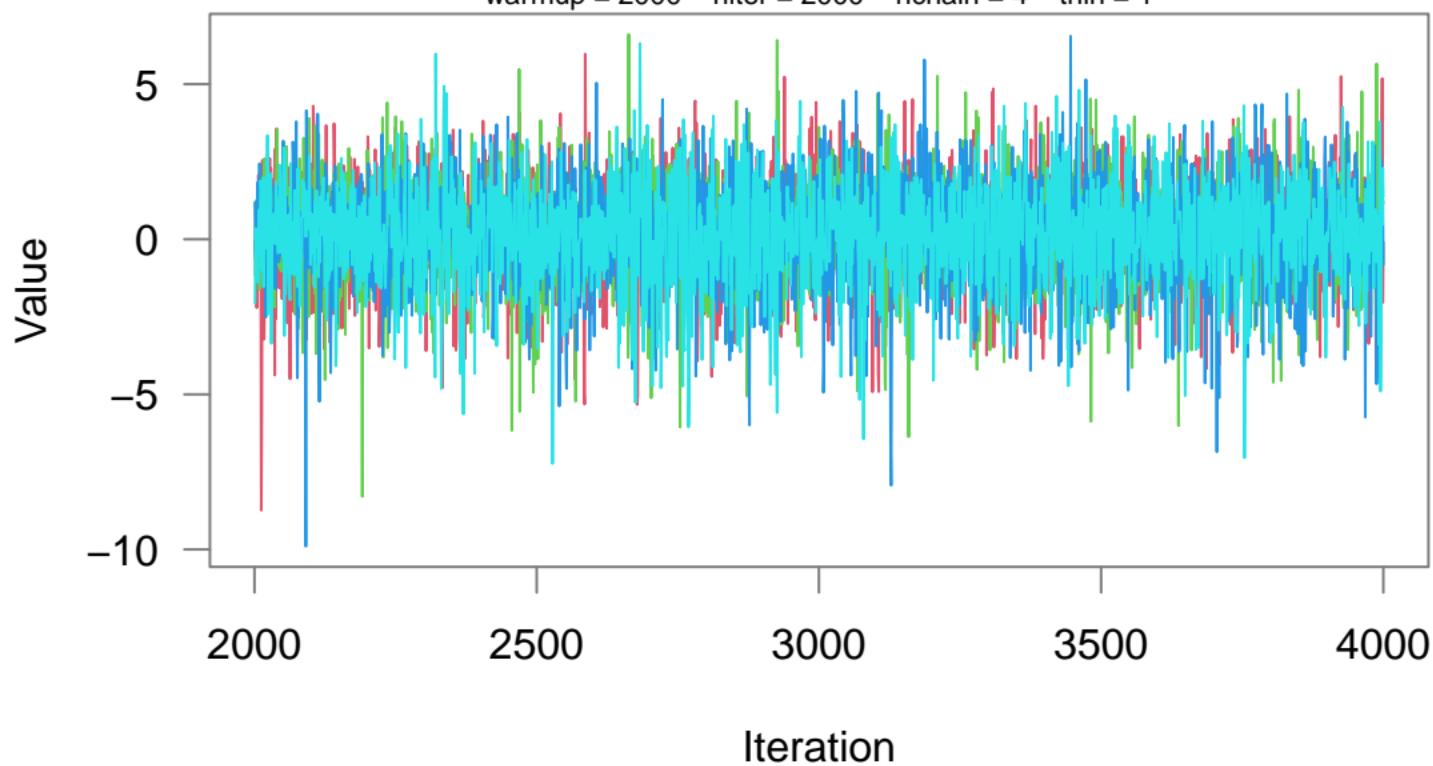


r_bay_fac:site_fac__zi[Japanese_Jap-7,Intercept]



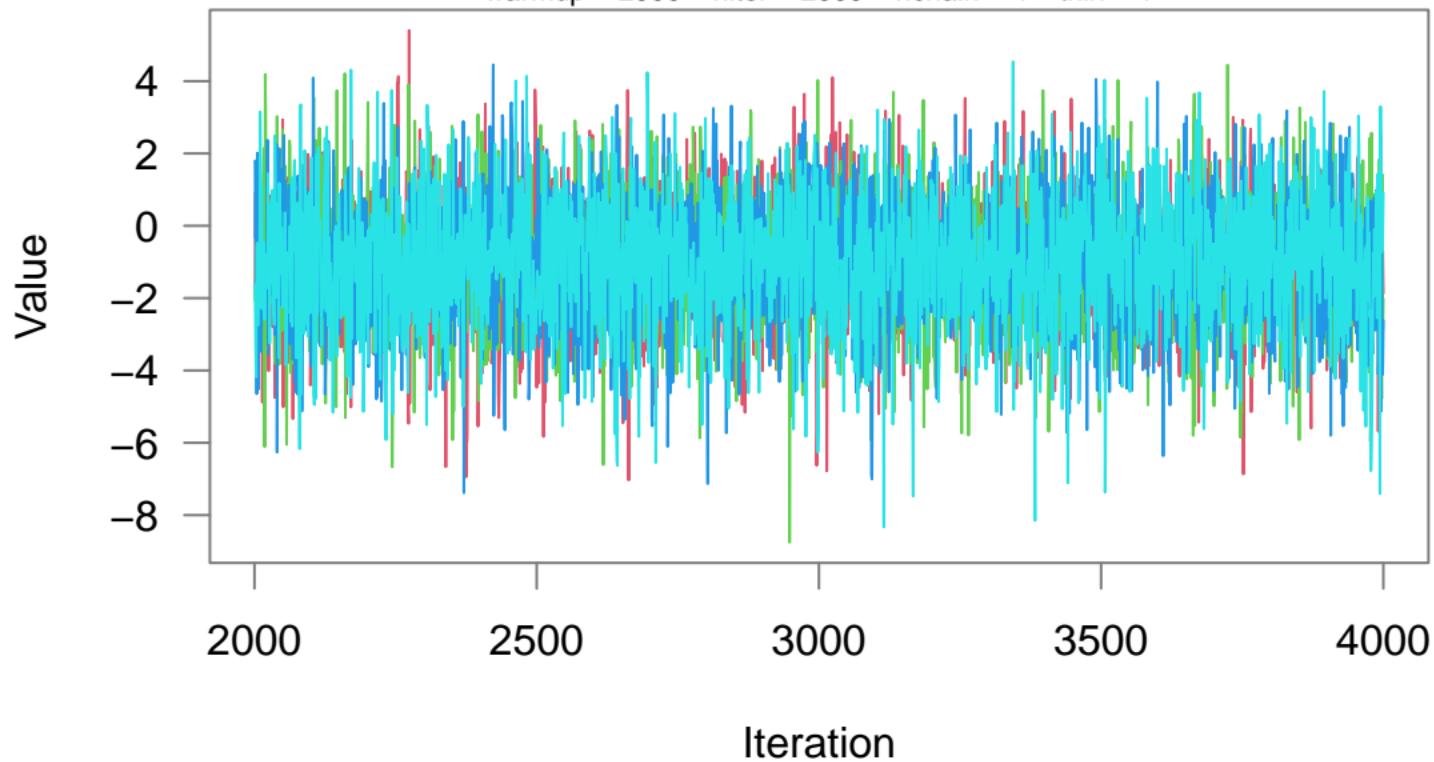
r_bay_fac:site_fac__zi[Kaiugnak_Kai-1,Intercept]

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



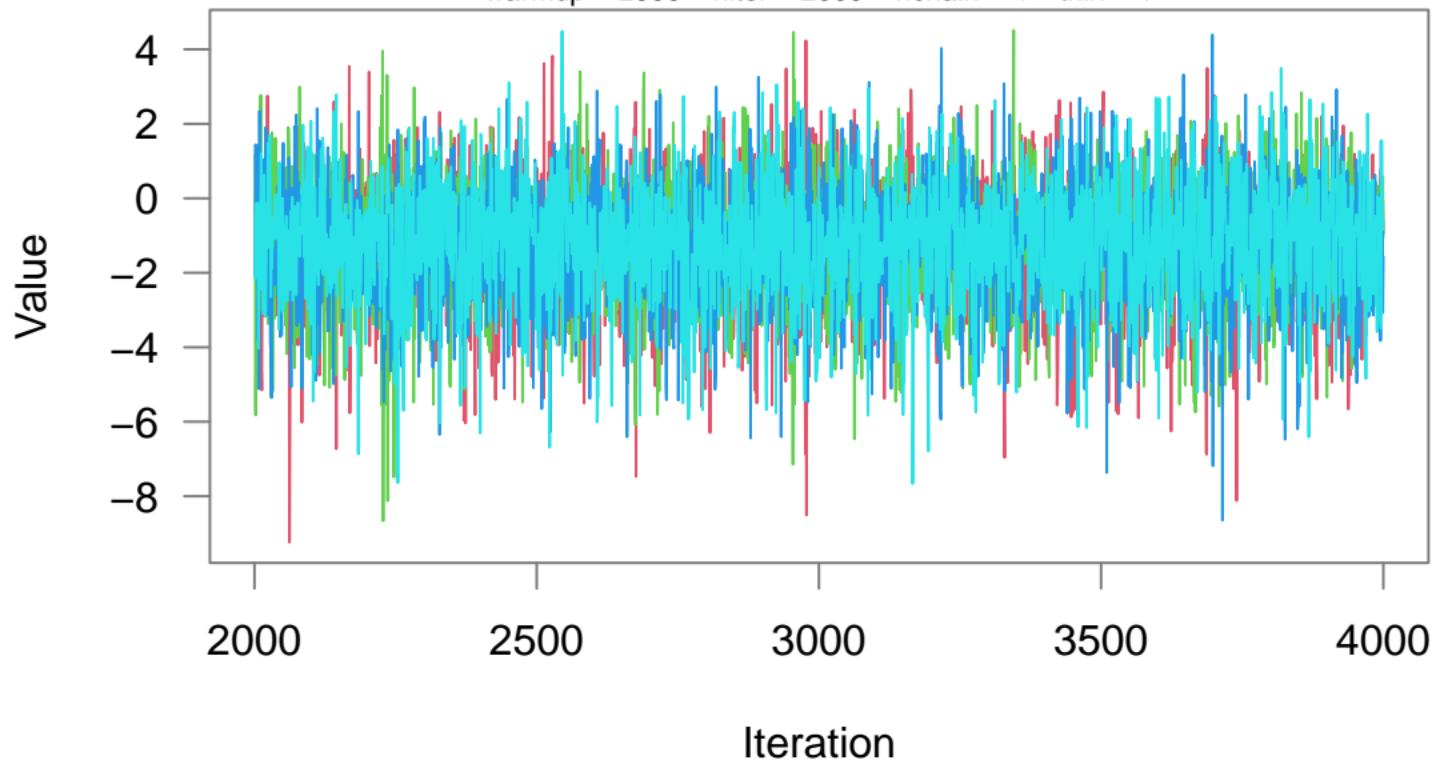
r_bay_fac:site_fac__zi[Kaiugnak_Kai-2,Intercept]

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

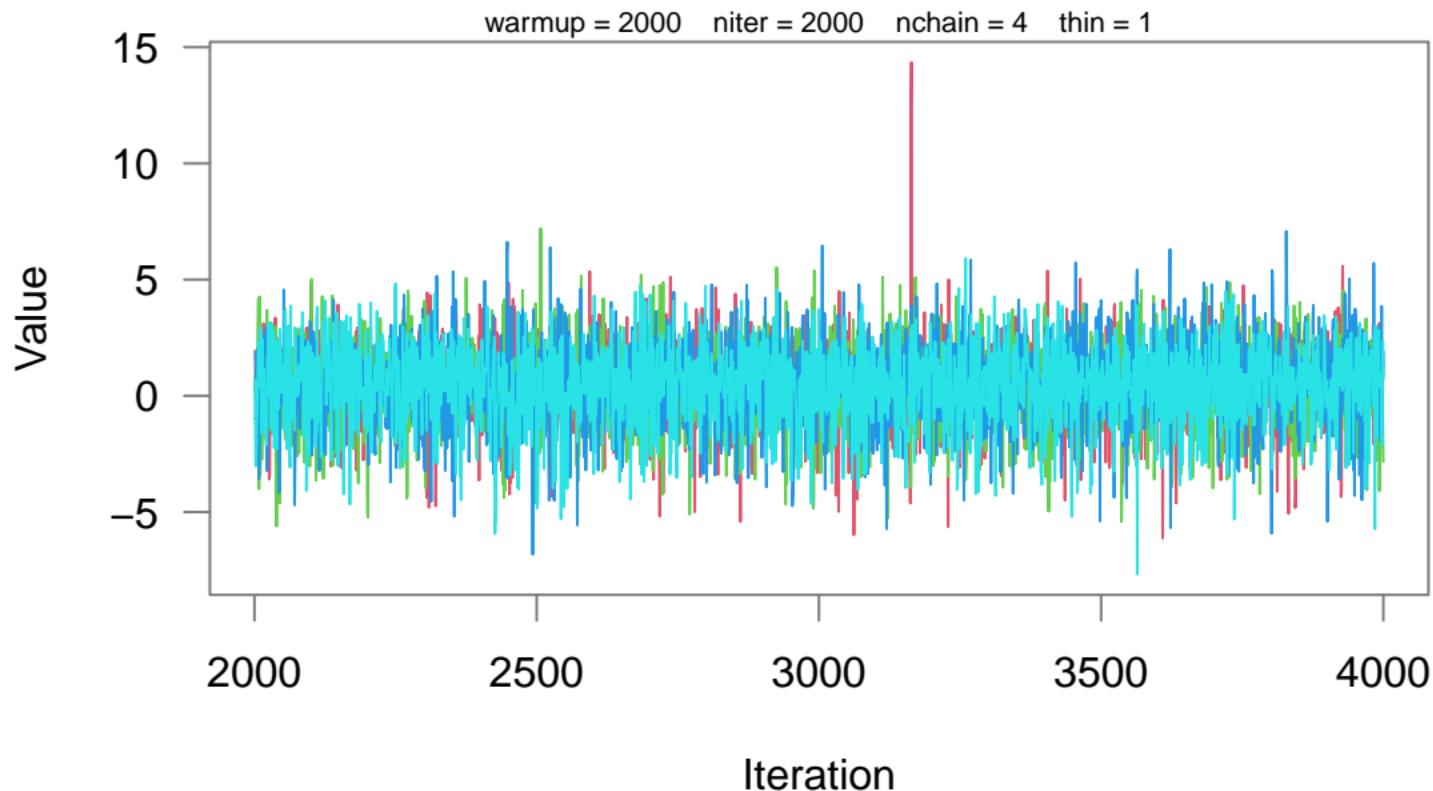


r_bay_fac:site_fac__zi[Kaiugnak_Kai-3,Intercept]

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

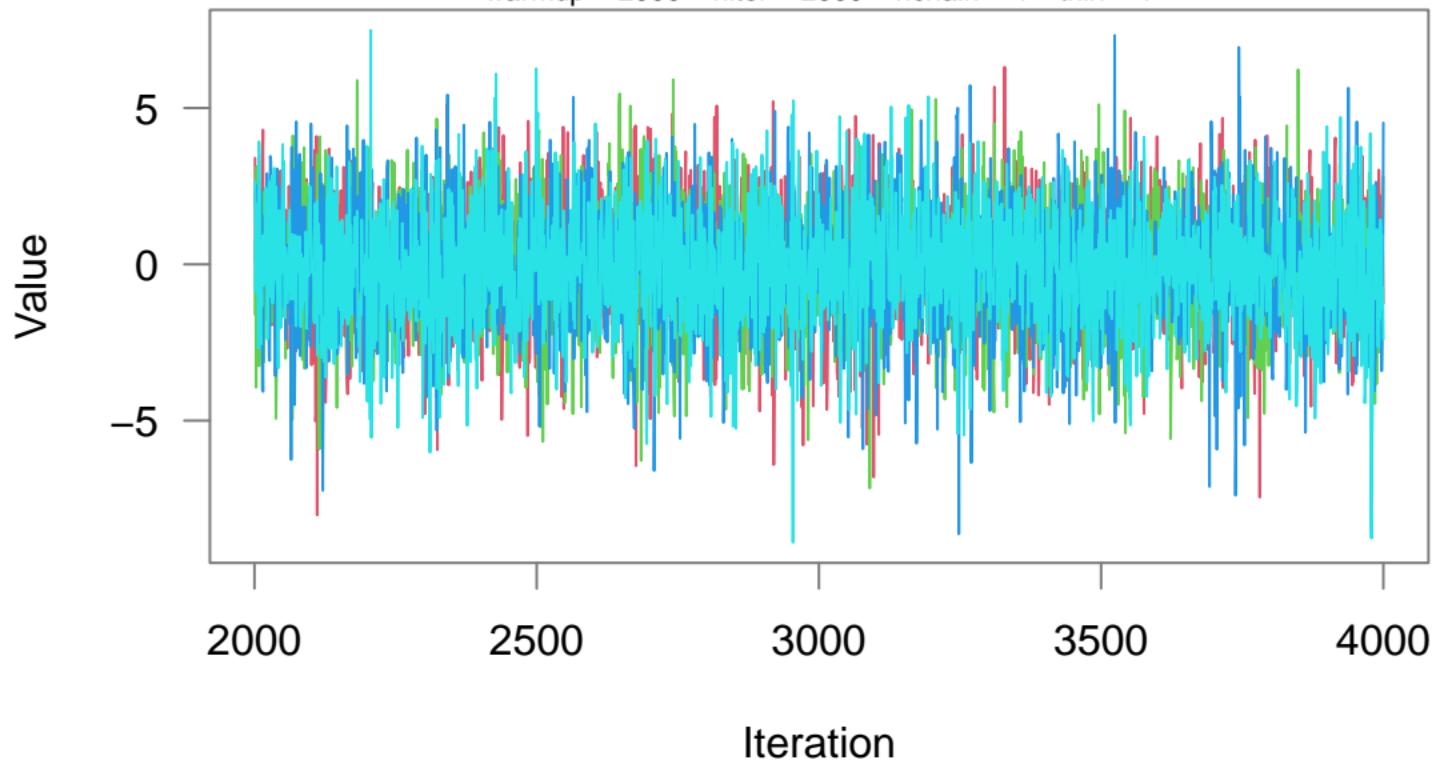


r_bay_fac:site_fac__zi[Kaiugnak_Kai-4,Intercept]



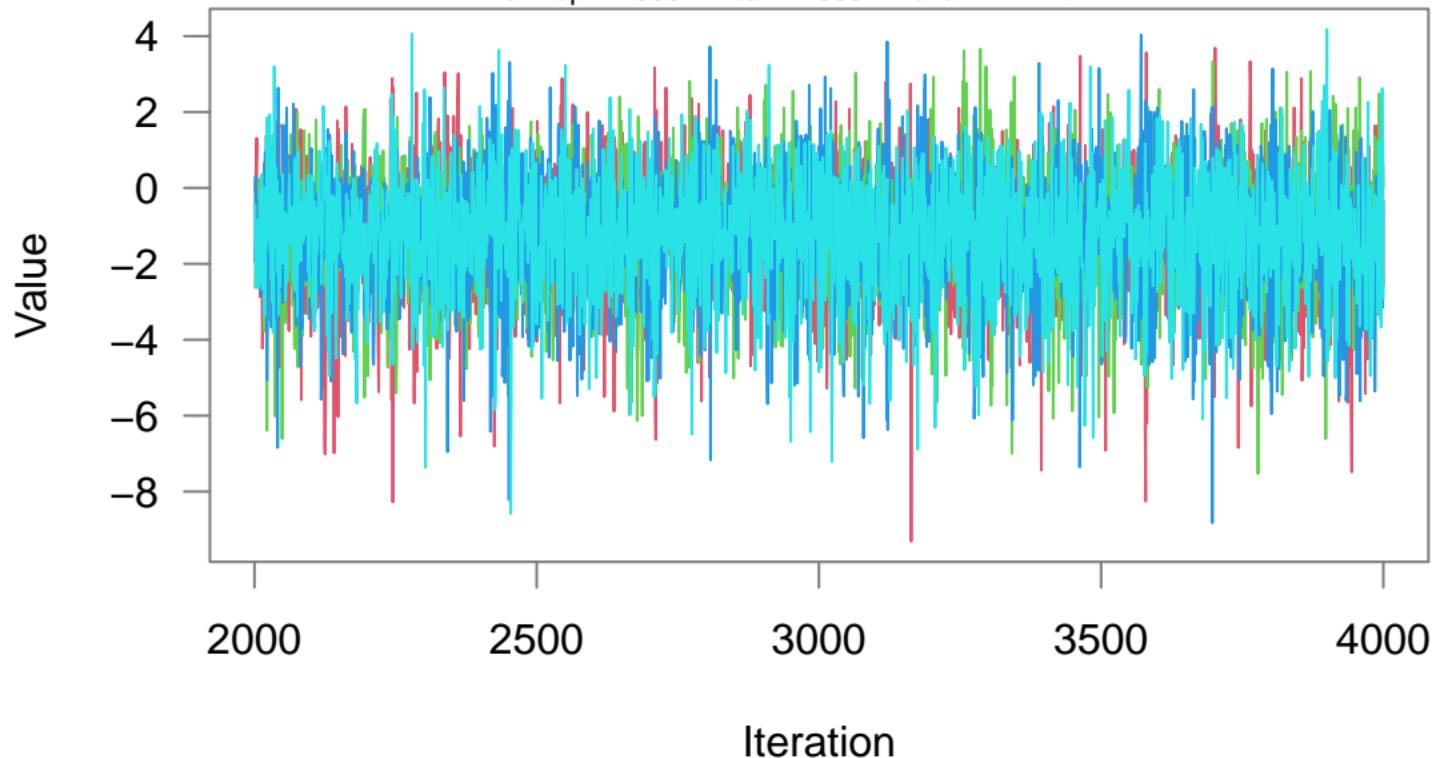
r_bay_fac:site_fac__zi[Kaiugnak_Kai-5,Intercept]

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



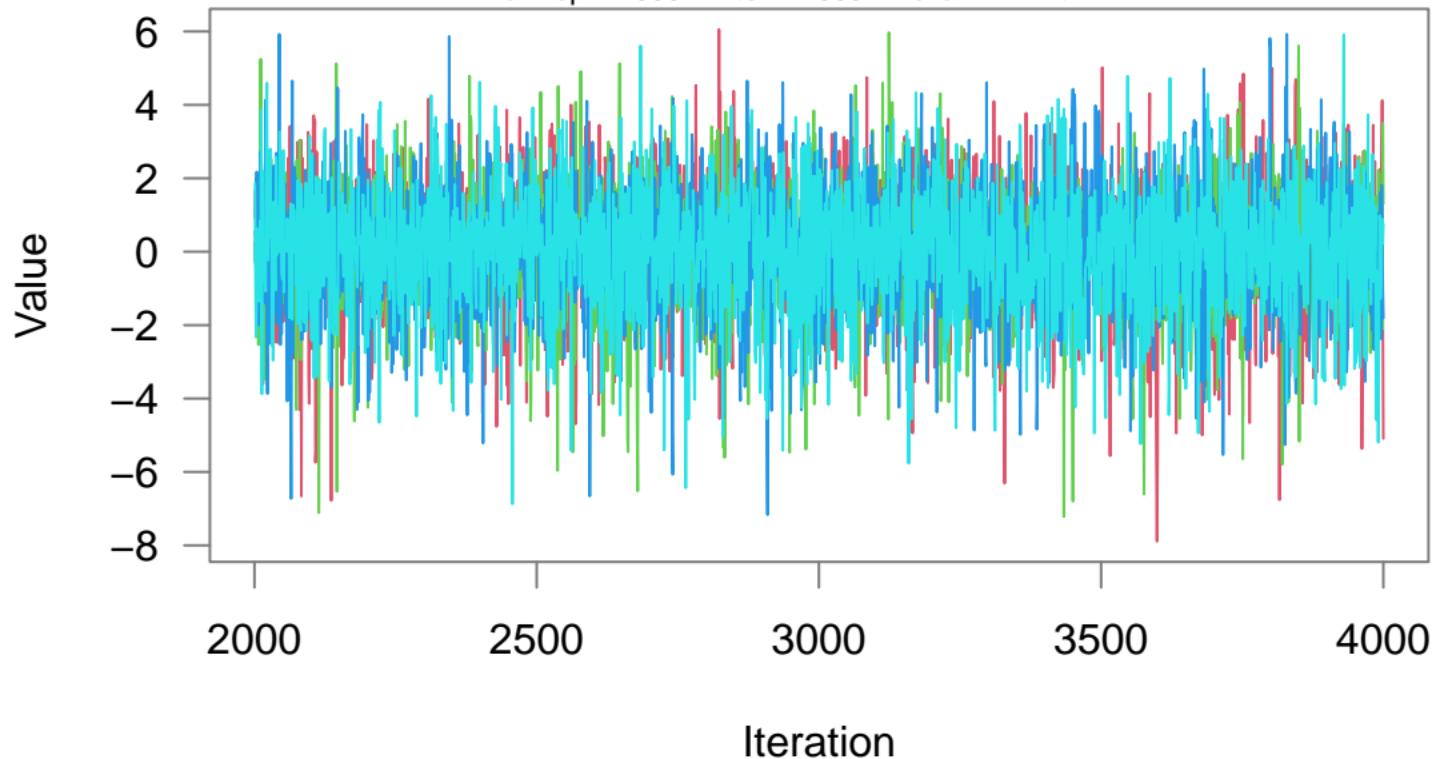
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



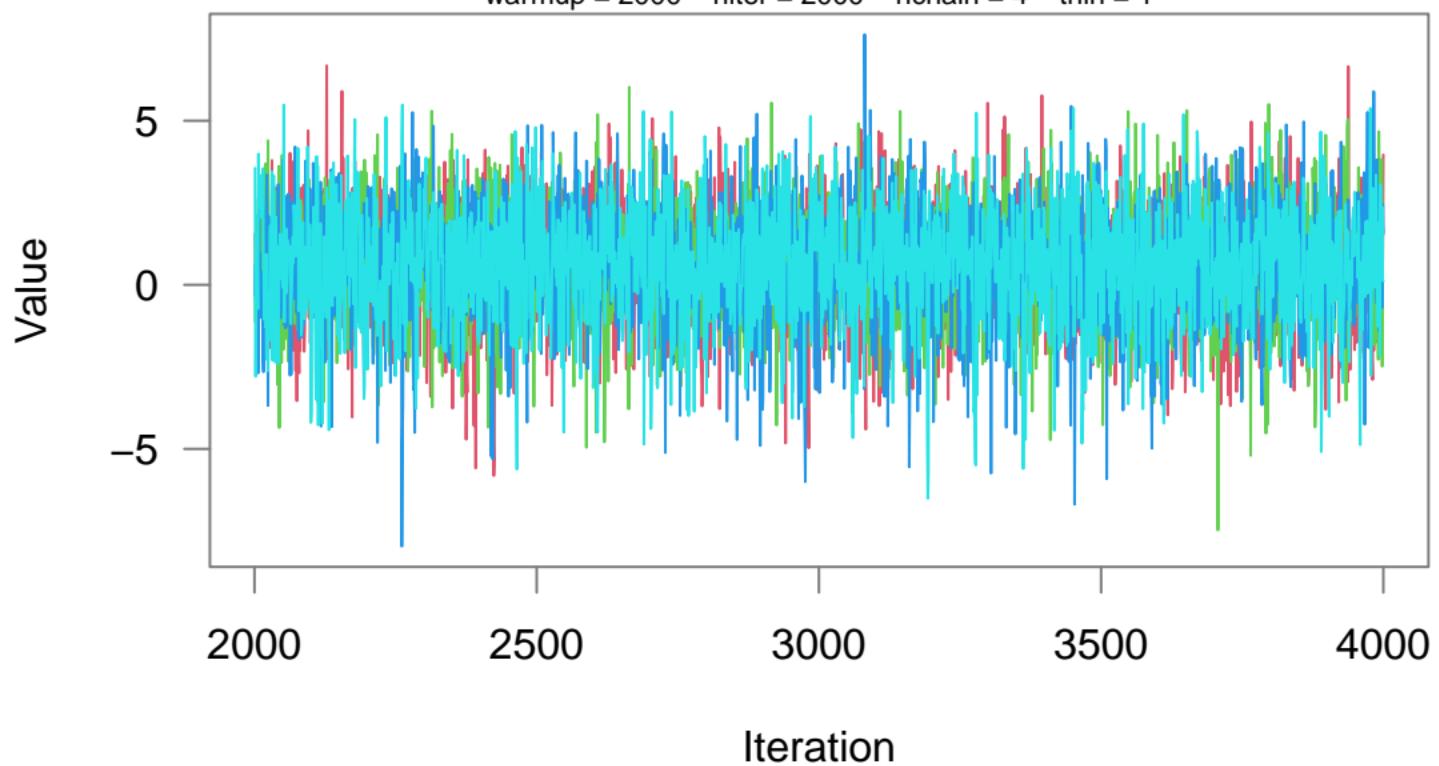
r_bay_fac:site_fac__zi[Kaiugnak_Kai-7,Intercept]

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



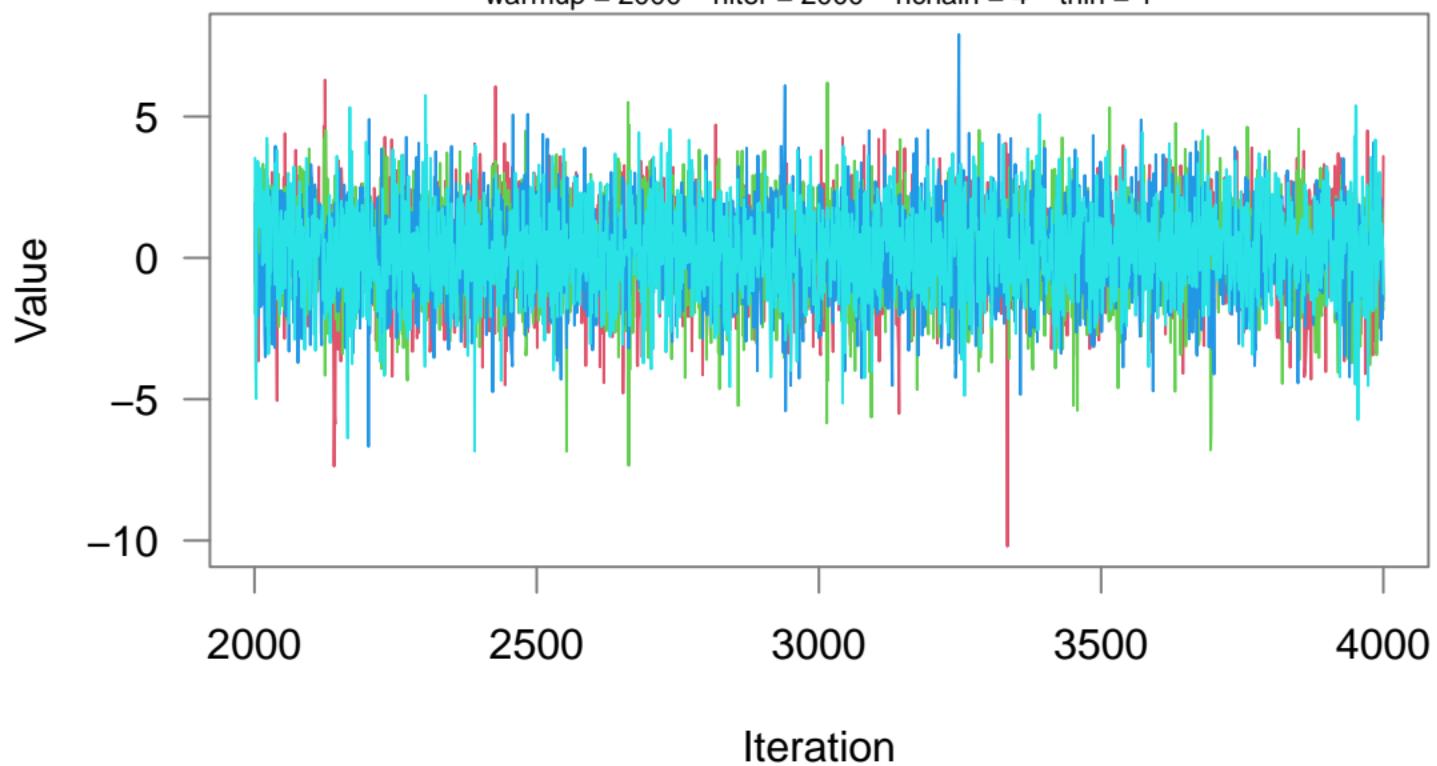
r_bay_fac:site_fac__zi[Kiliuda_Kilu-1,Intercept]

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



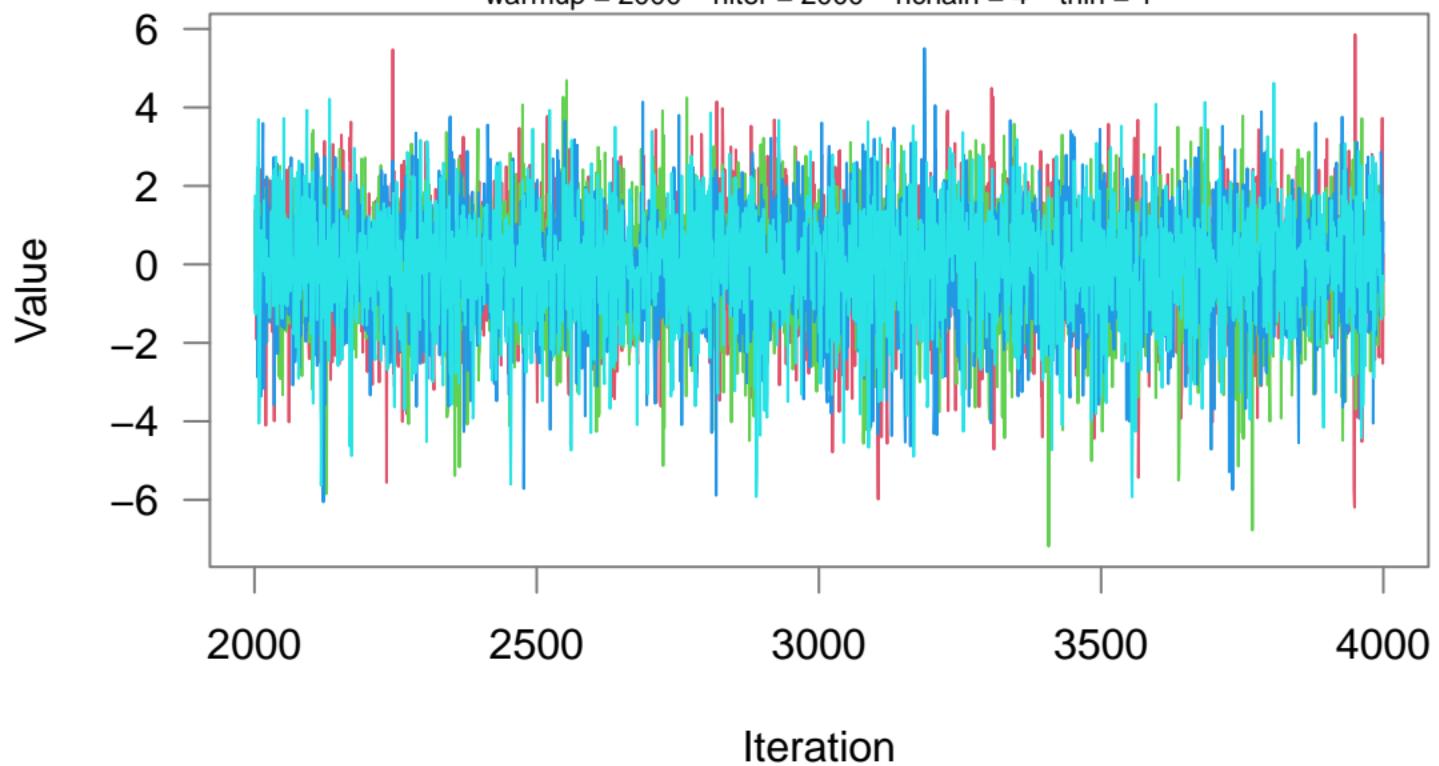
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



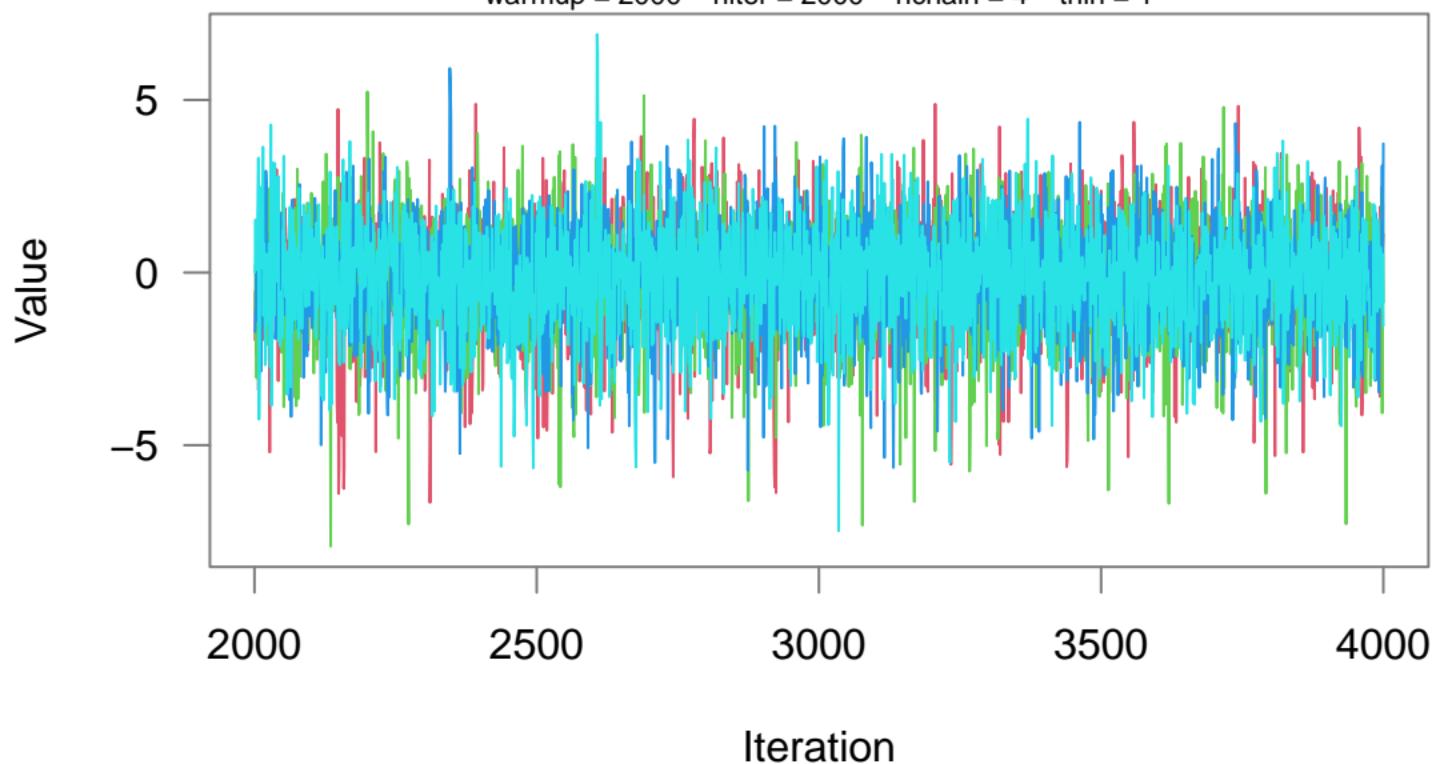
r_bay_fac:site_fac__zi[Kiliuda_Kilu-3,Intercept]

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



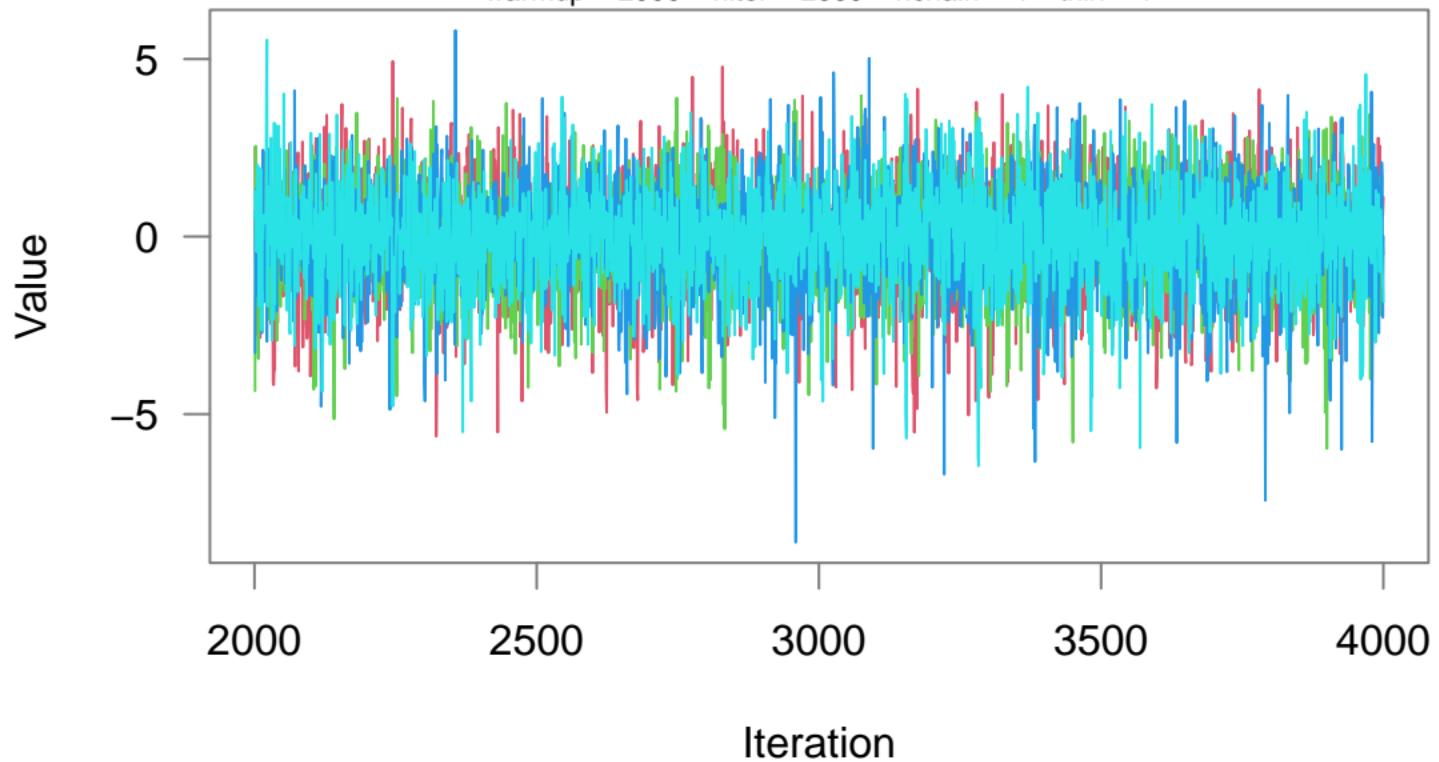
r_bay_fac:site_fac__zi[Kiliuda_Kilu-4,Intercept]

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



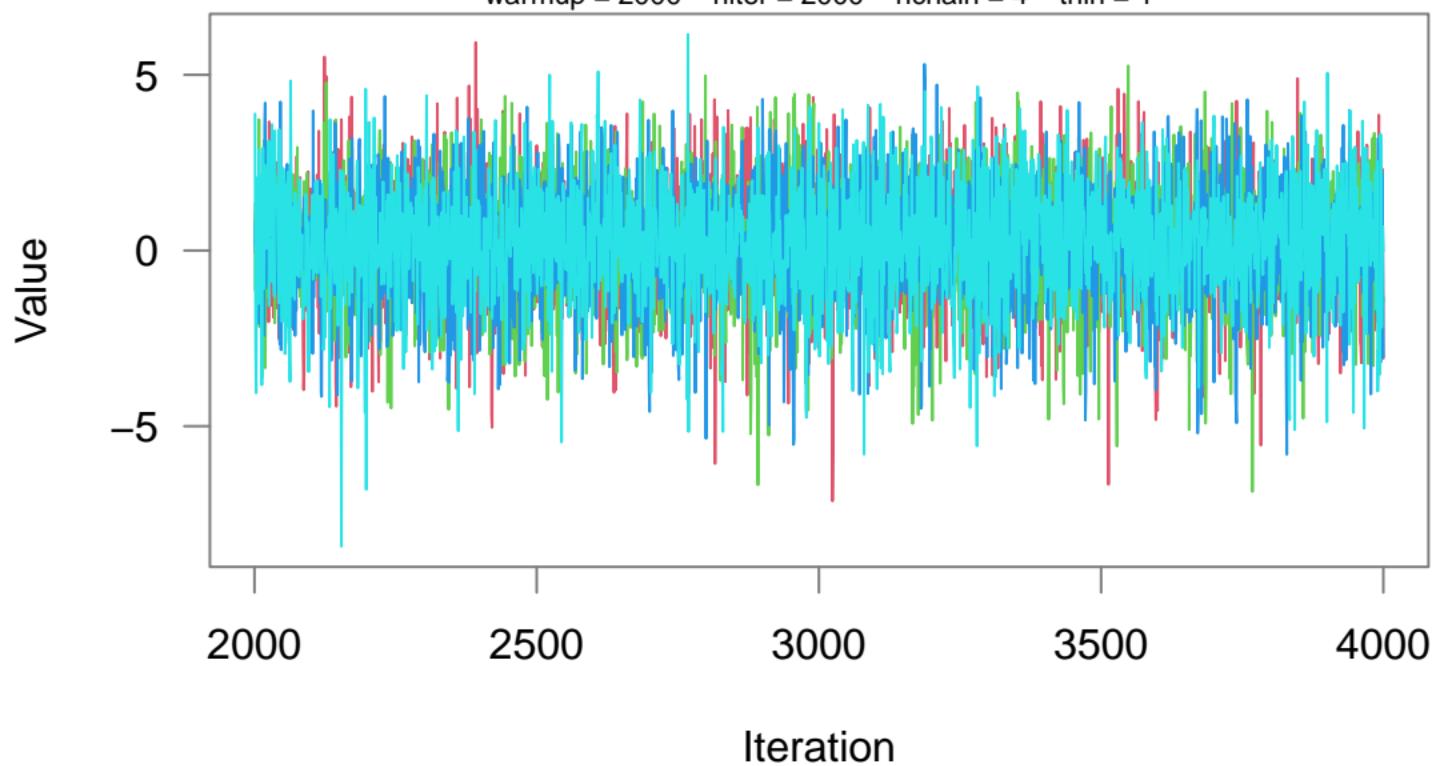
r_bay_fac:site_fac__zi[Kiliuda_Kilu-5,Intercept]

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



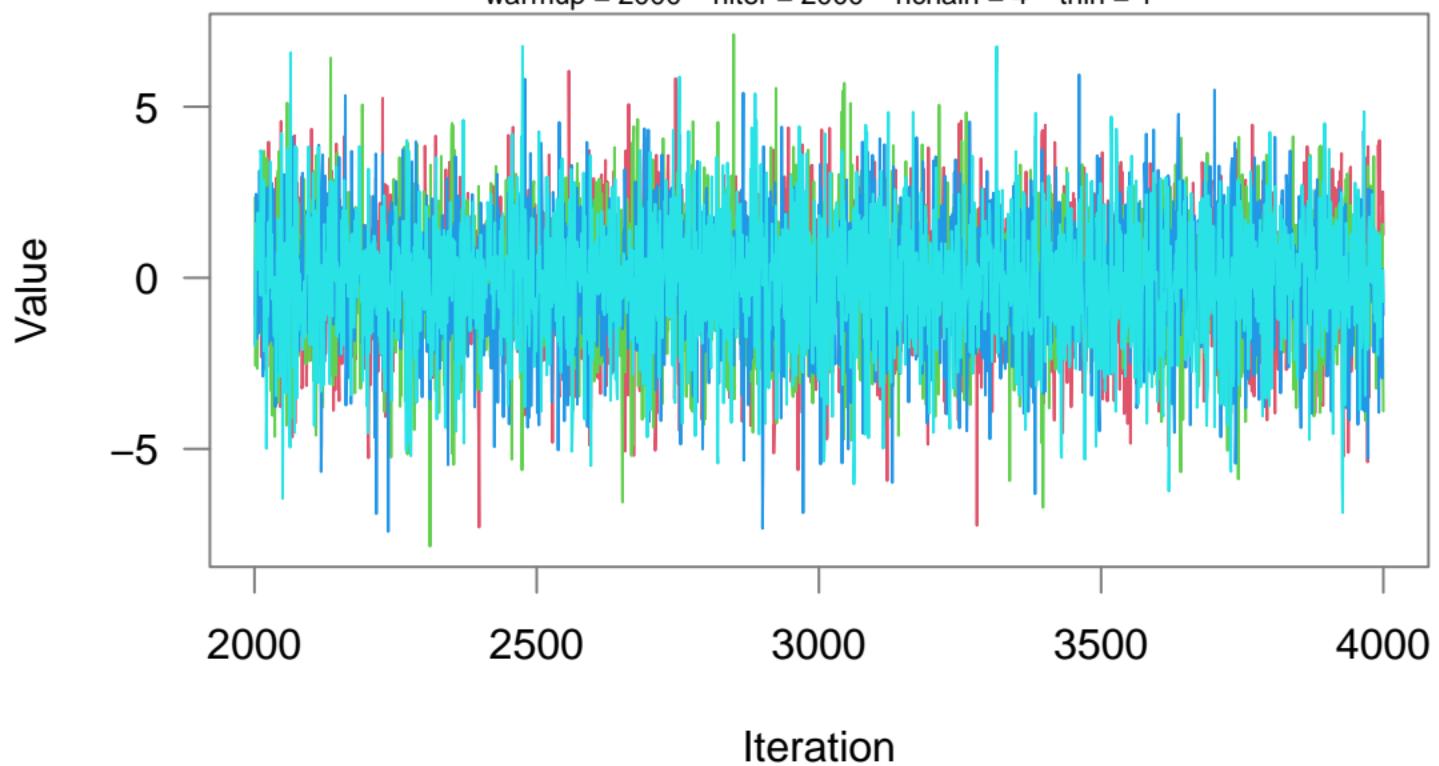
r_bay_fac:site_fac__zi[Kiliuda_Kilu-6,Intercept]

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



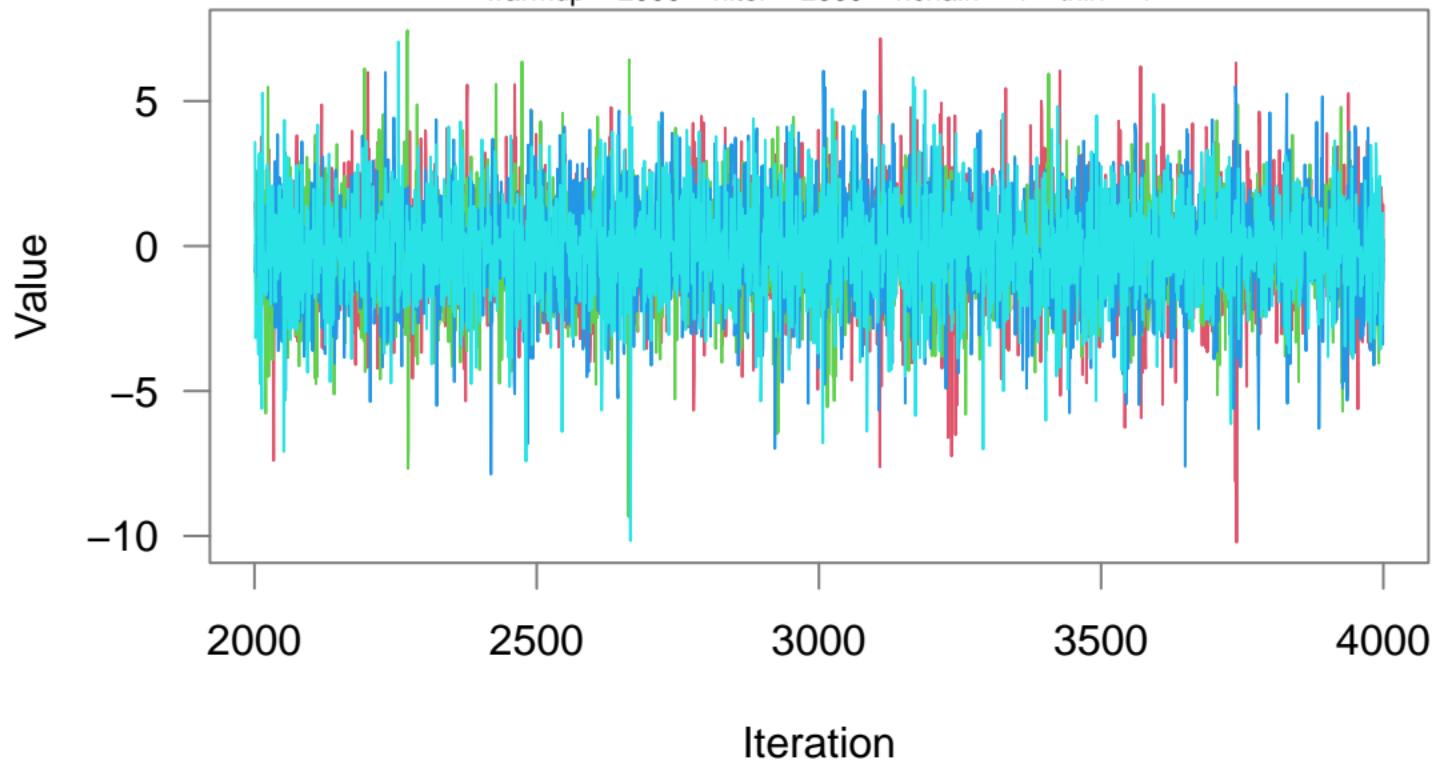
r_bay_fac:site_fac__zi[Kiliuda_Kilu-7,Intercept]

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



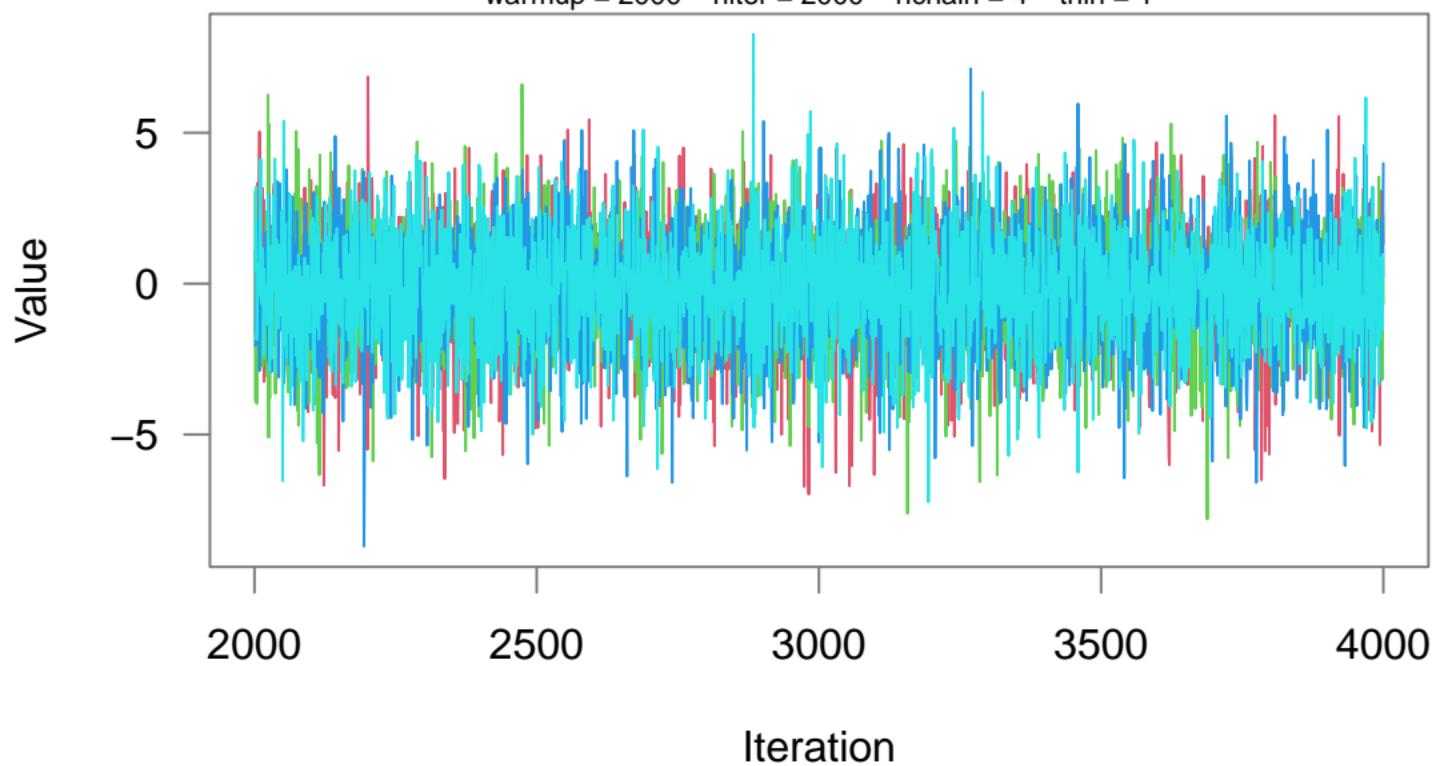
r_bay_fac:site_fac__zi[Kiliuda_Kilu-8,Intercept]

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



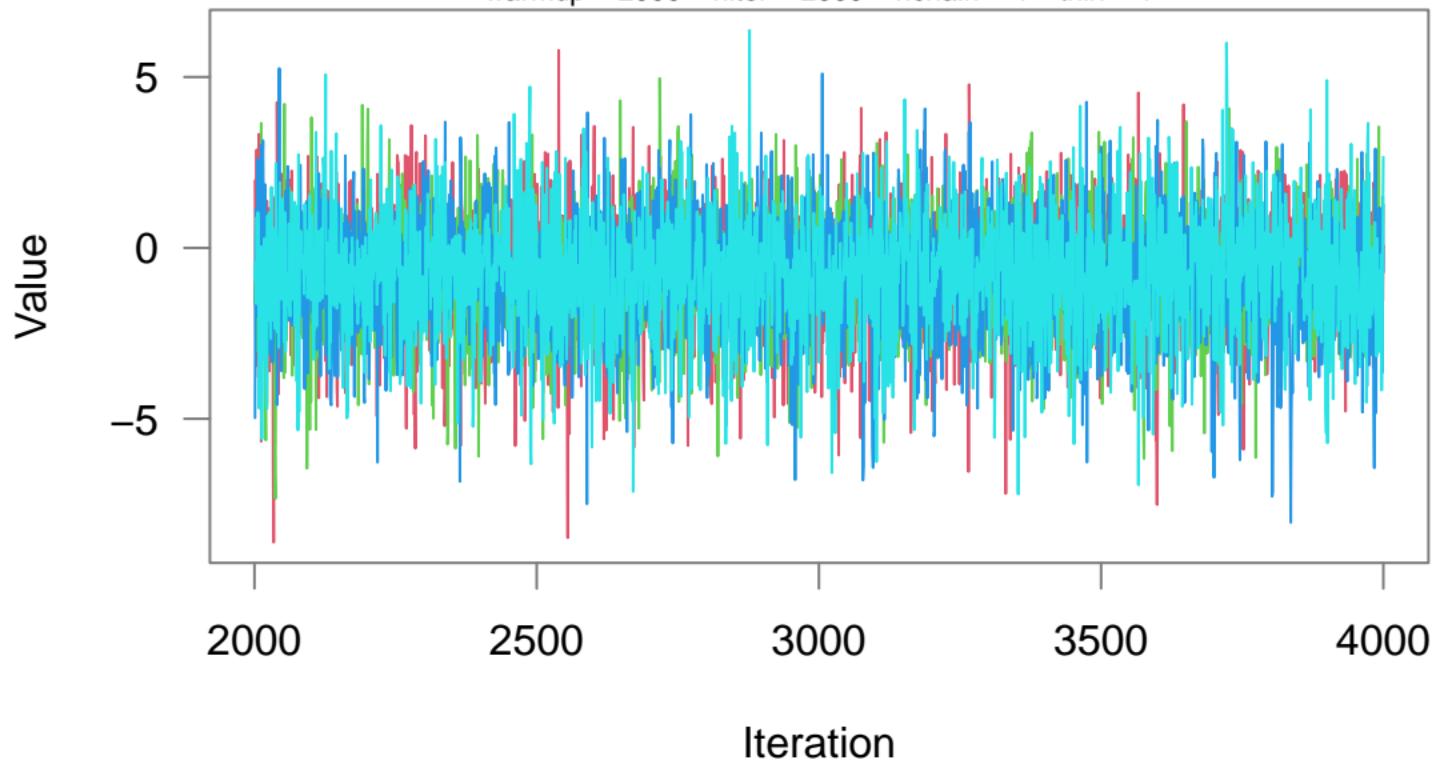
r_bay_fac:site_fac__zi[Kiliuda_Kilu-9,Intercept]

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



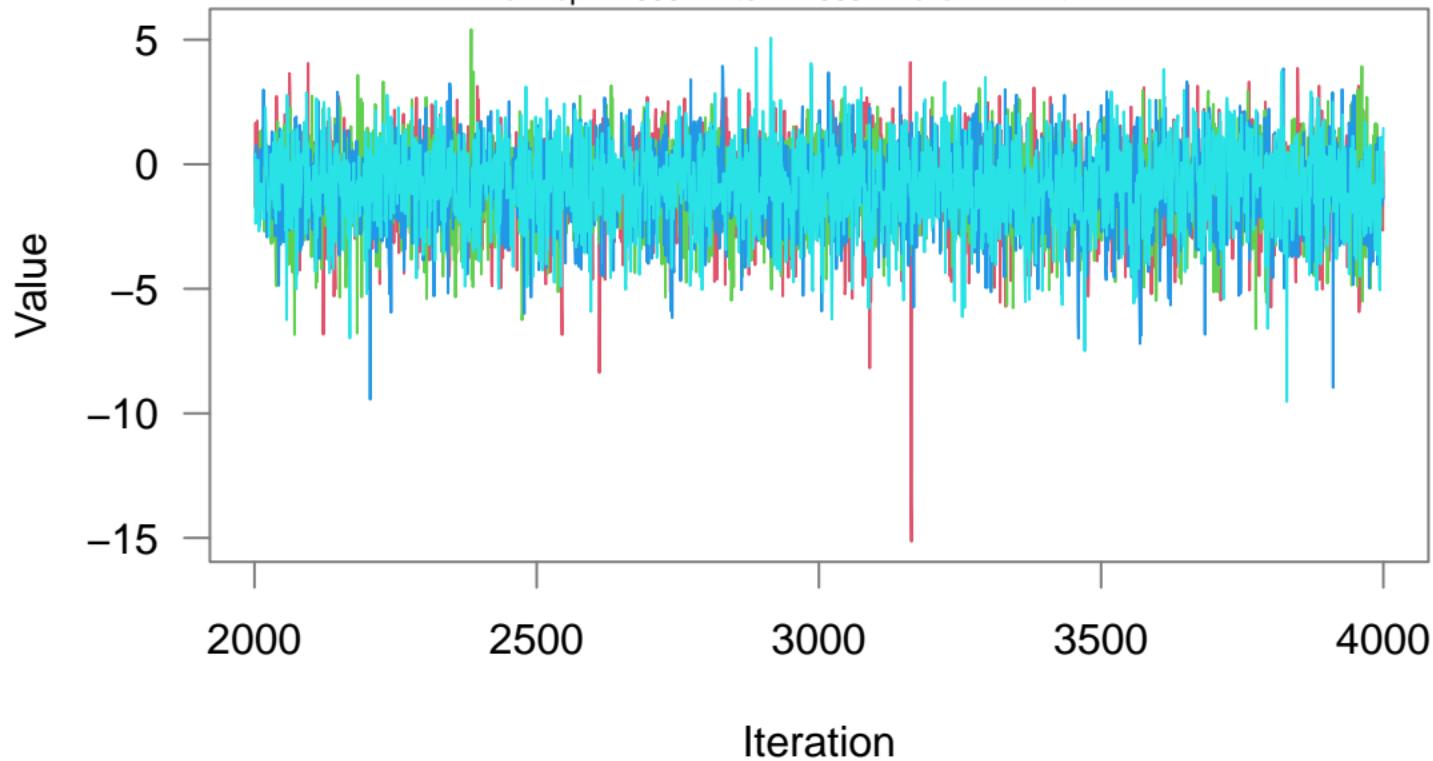
r_bay_fac:site_fac__zi[Mitrofania_Mit-1,Intercept]

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



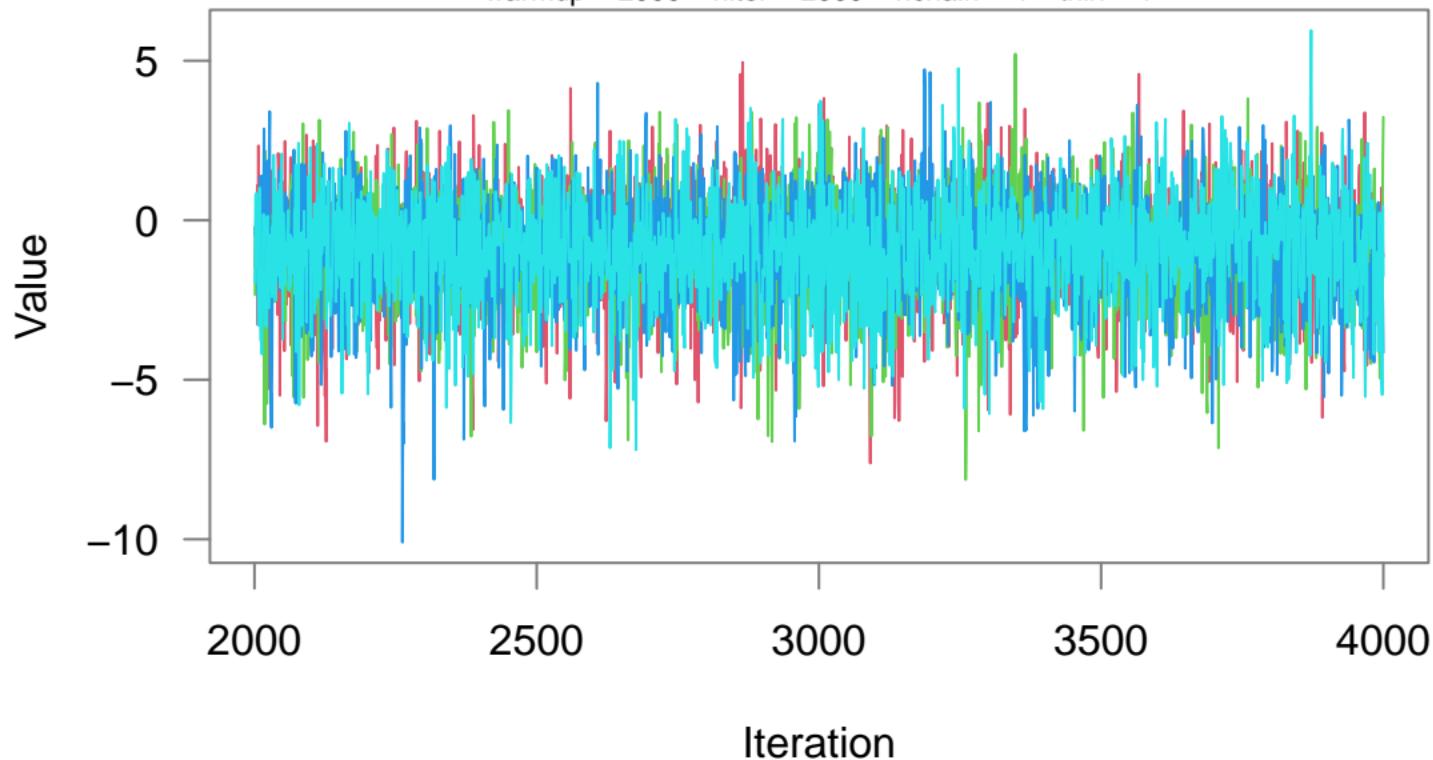
r_bay_fac:site_fac__zi[Mitrofania_Mit-2,Intercept]

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

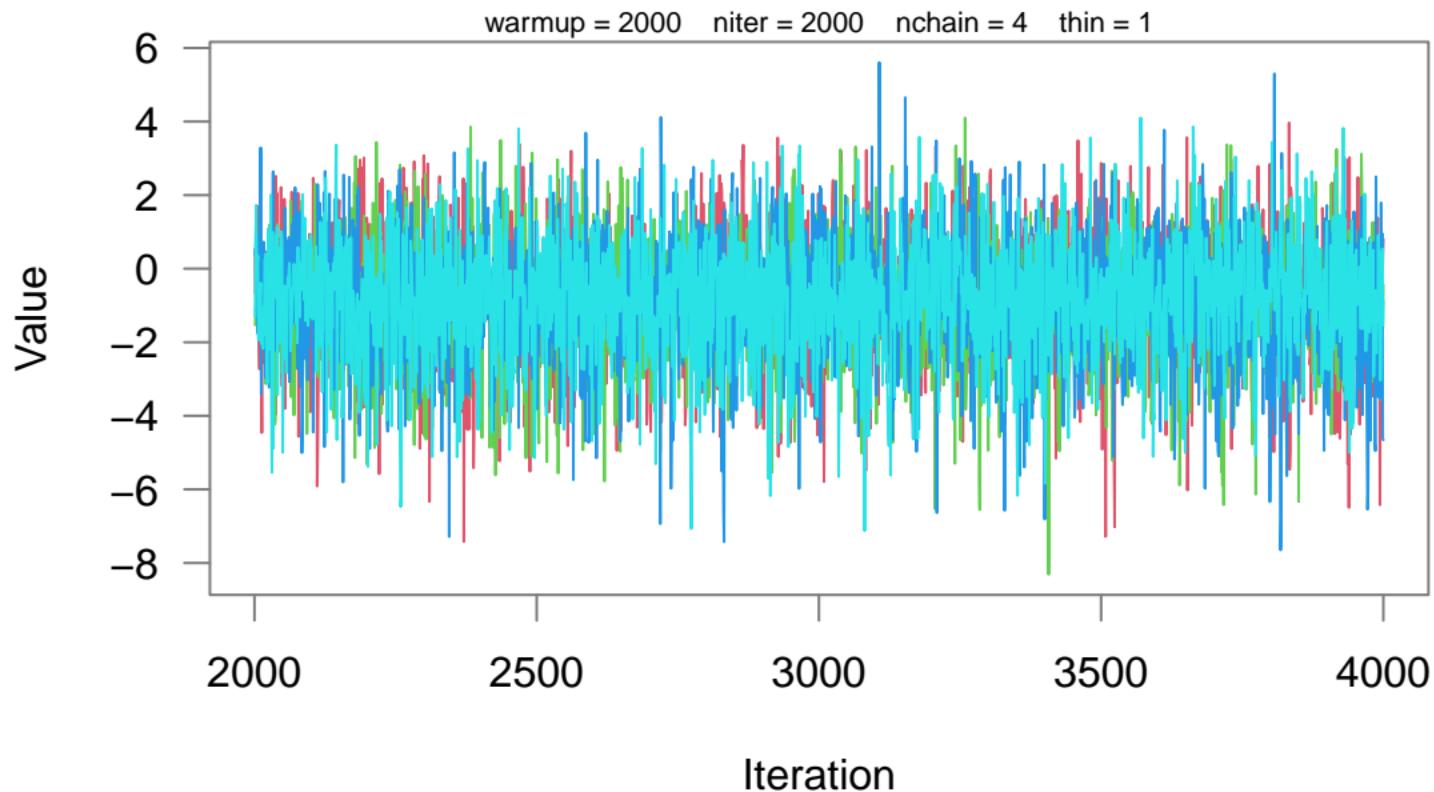


r_bay_fac:site_fac__zi[Mitrofania_Mit-3,Intercept]

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

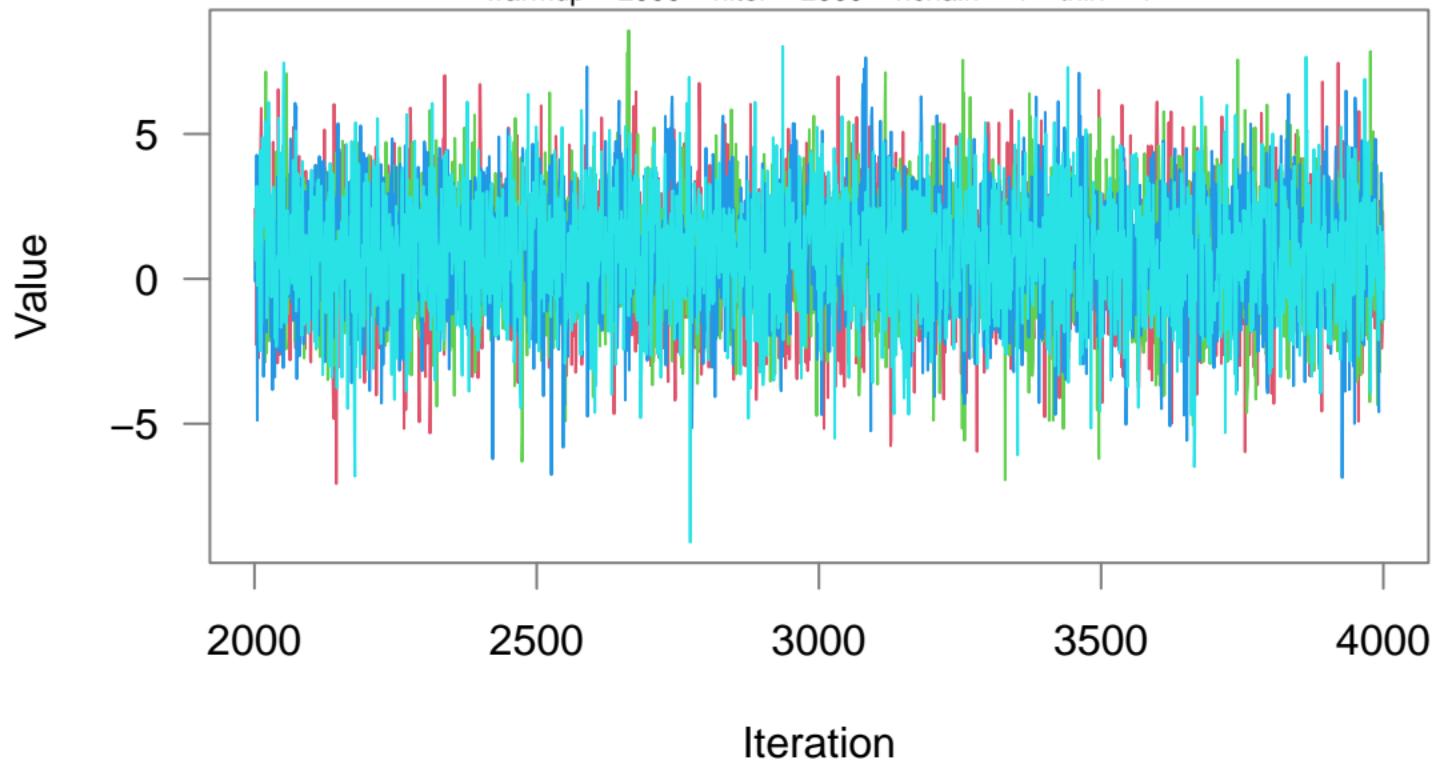


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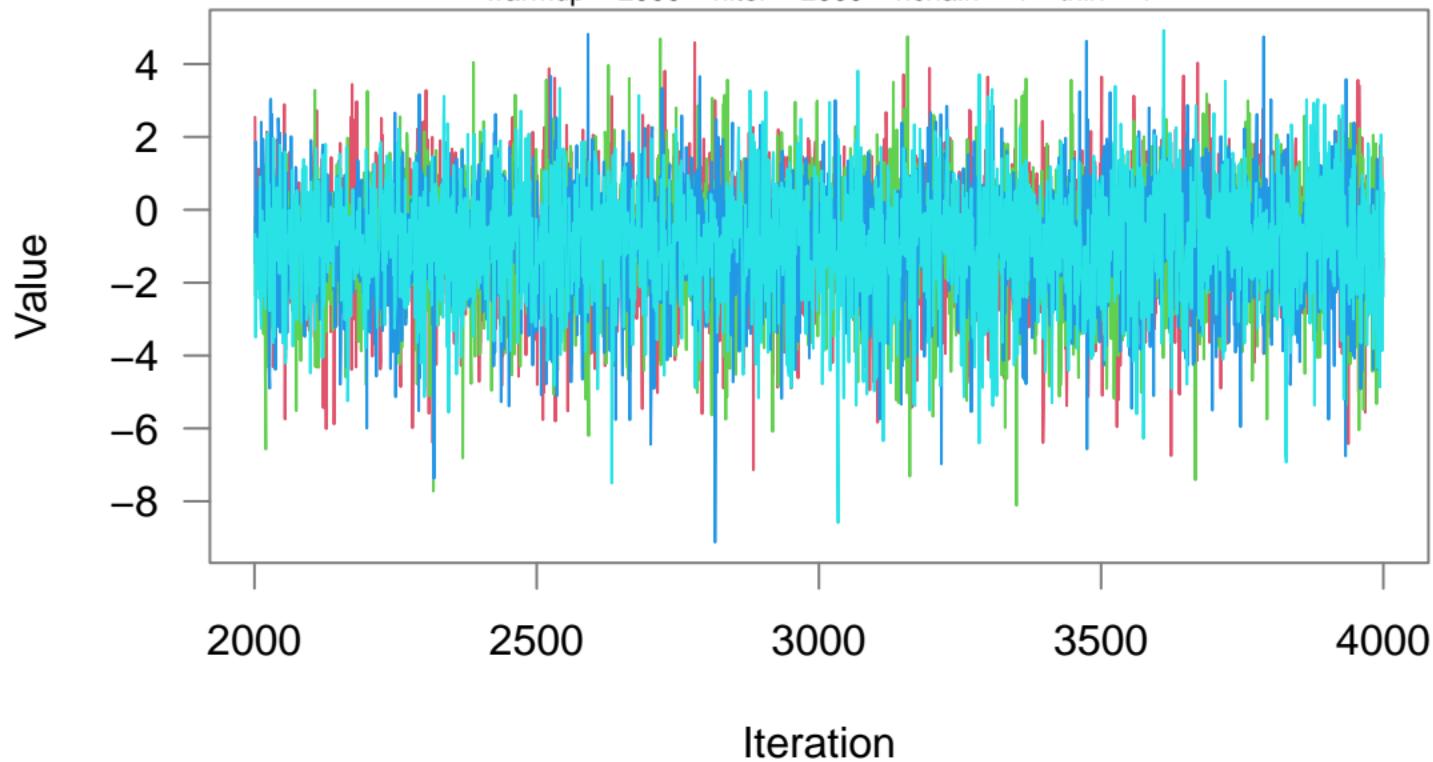
r_bay_fac:site_fac__zi[Mitrofania_Mit-5,Intercept]

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



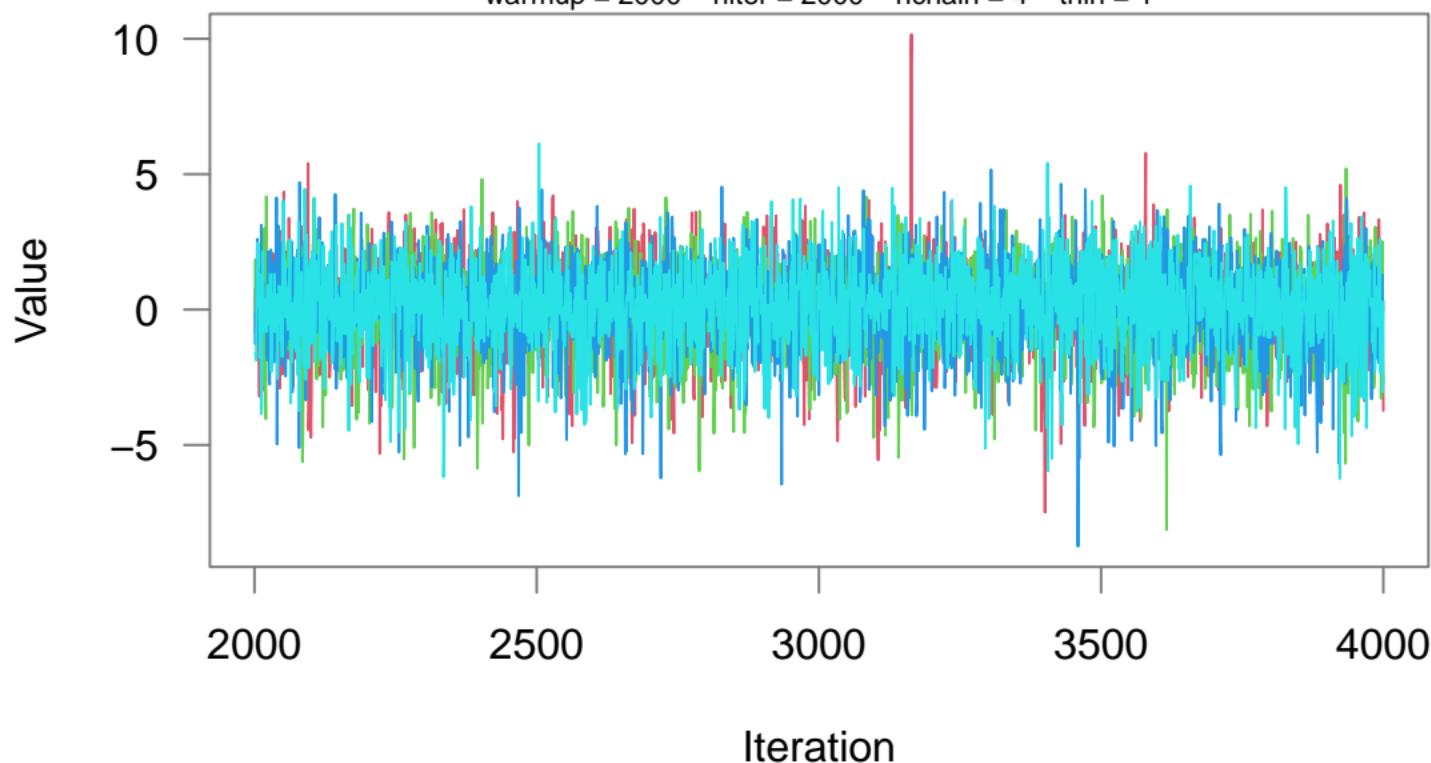
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



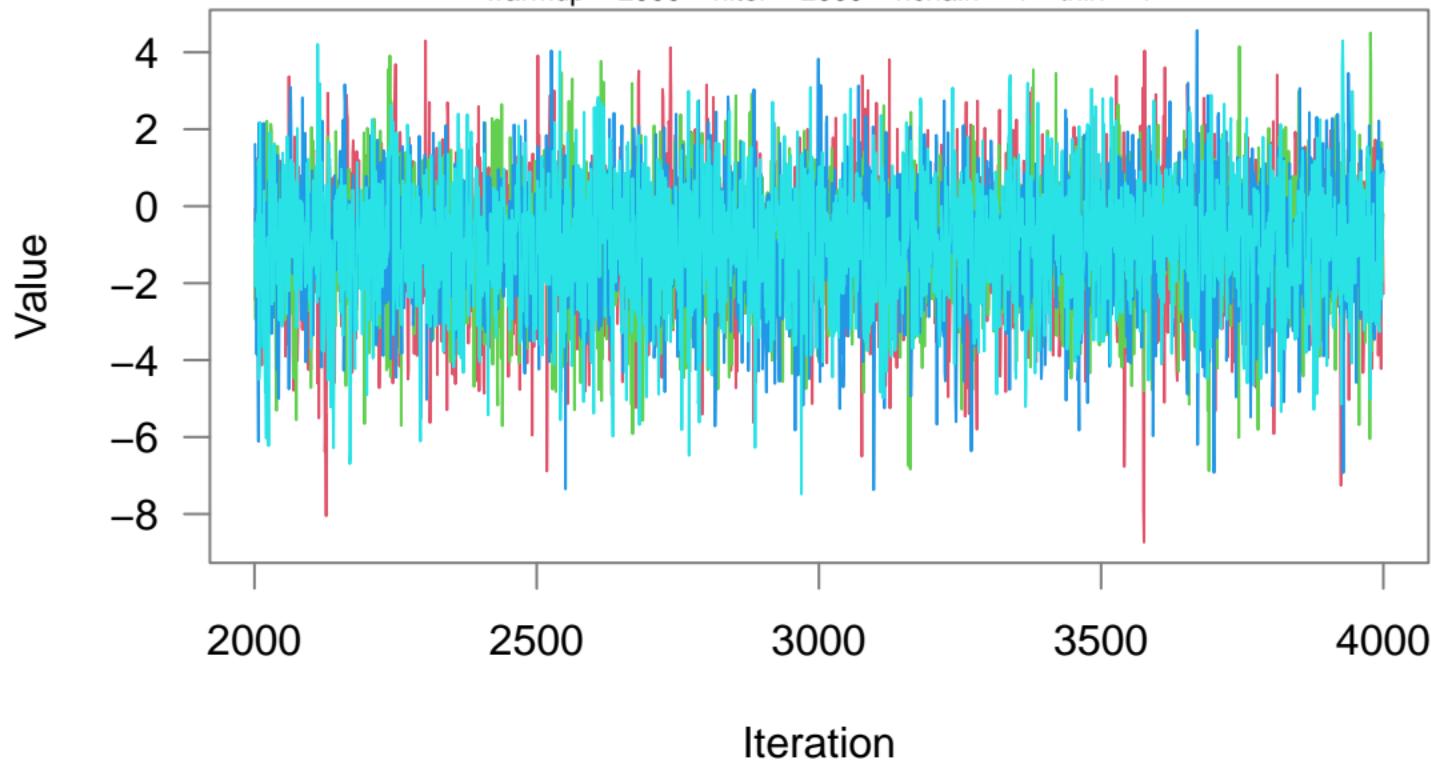
r_bay_fac:site_fac_zi[Port.Wrangell_PW-1,Intercept]

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



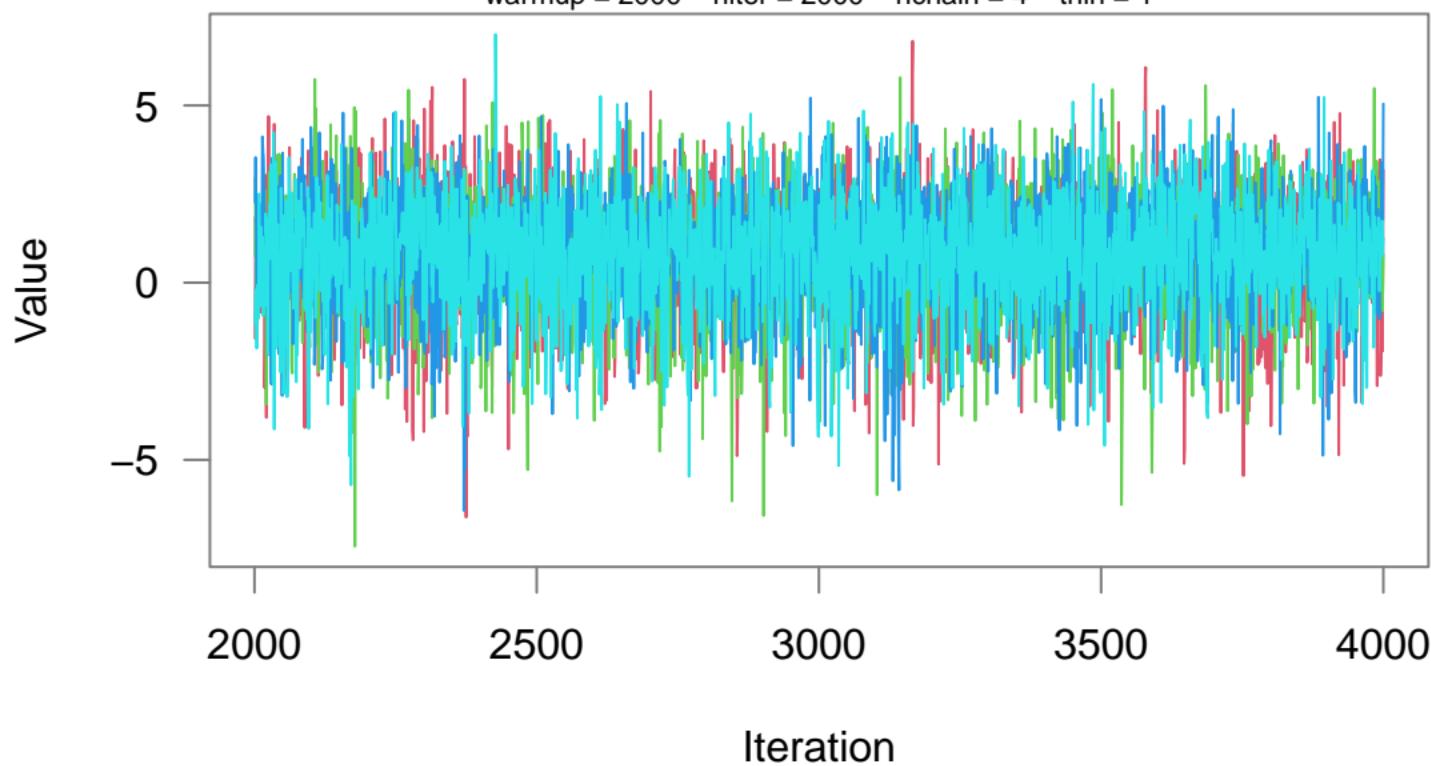
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



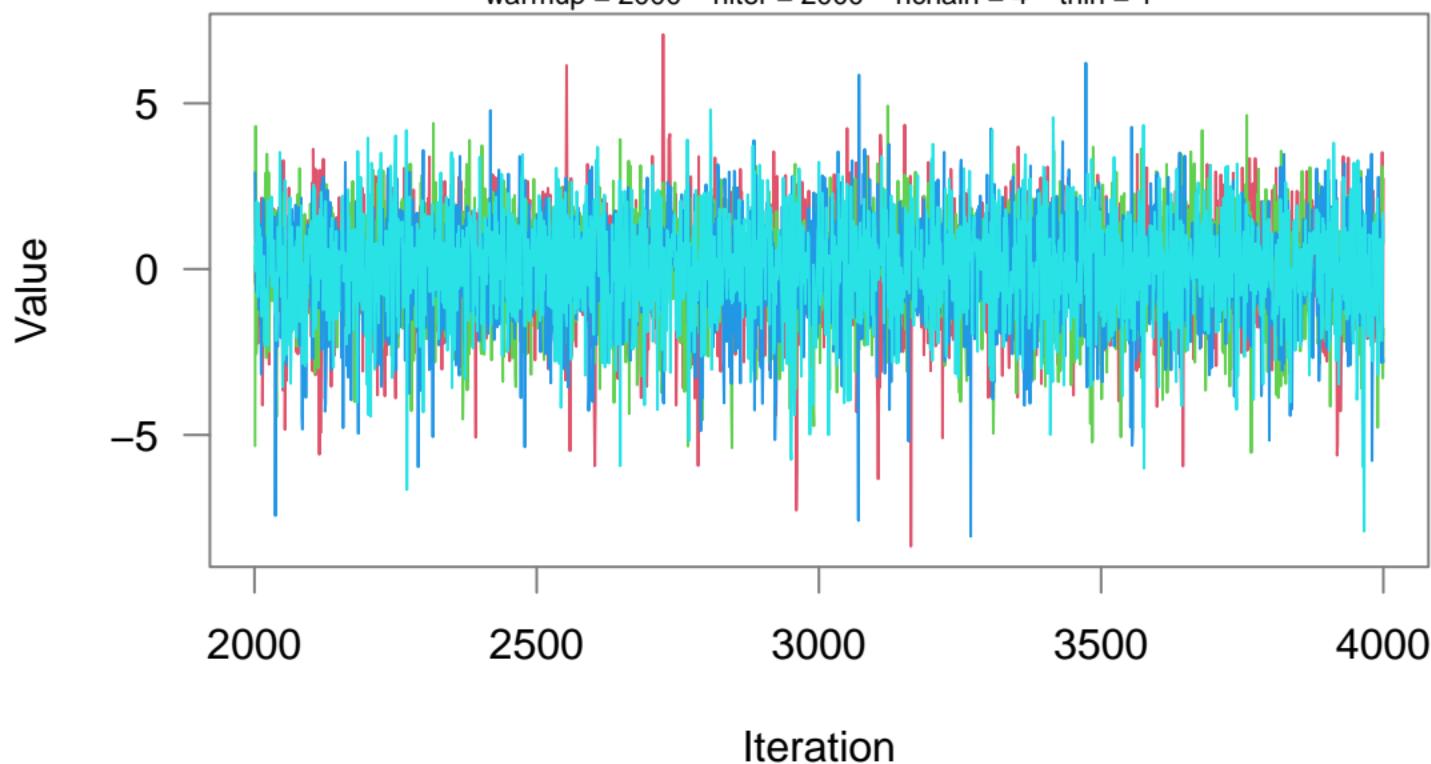
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



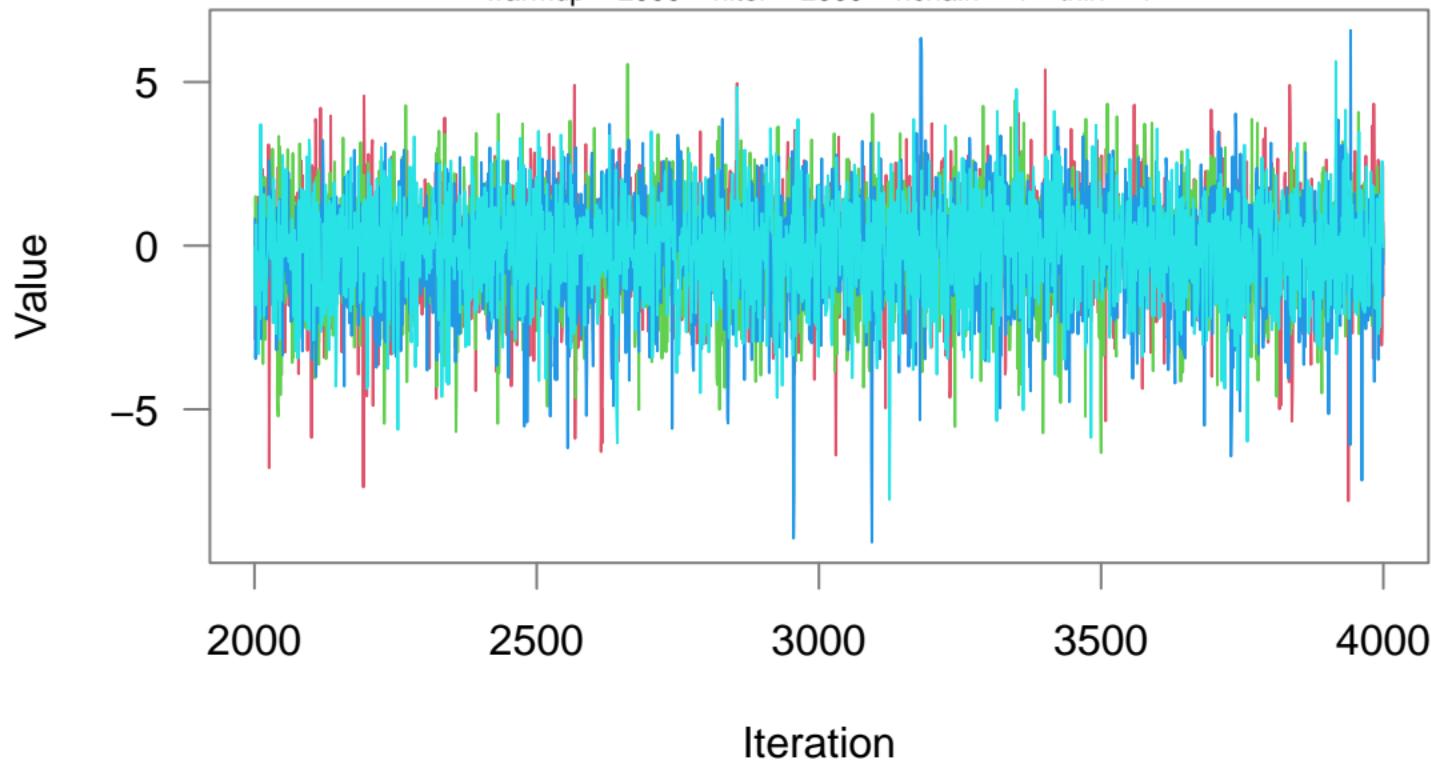
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



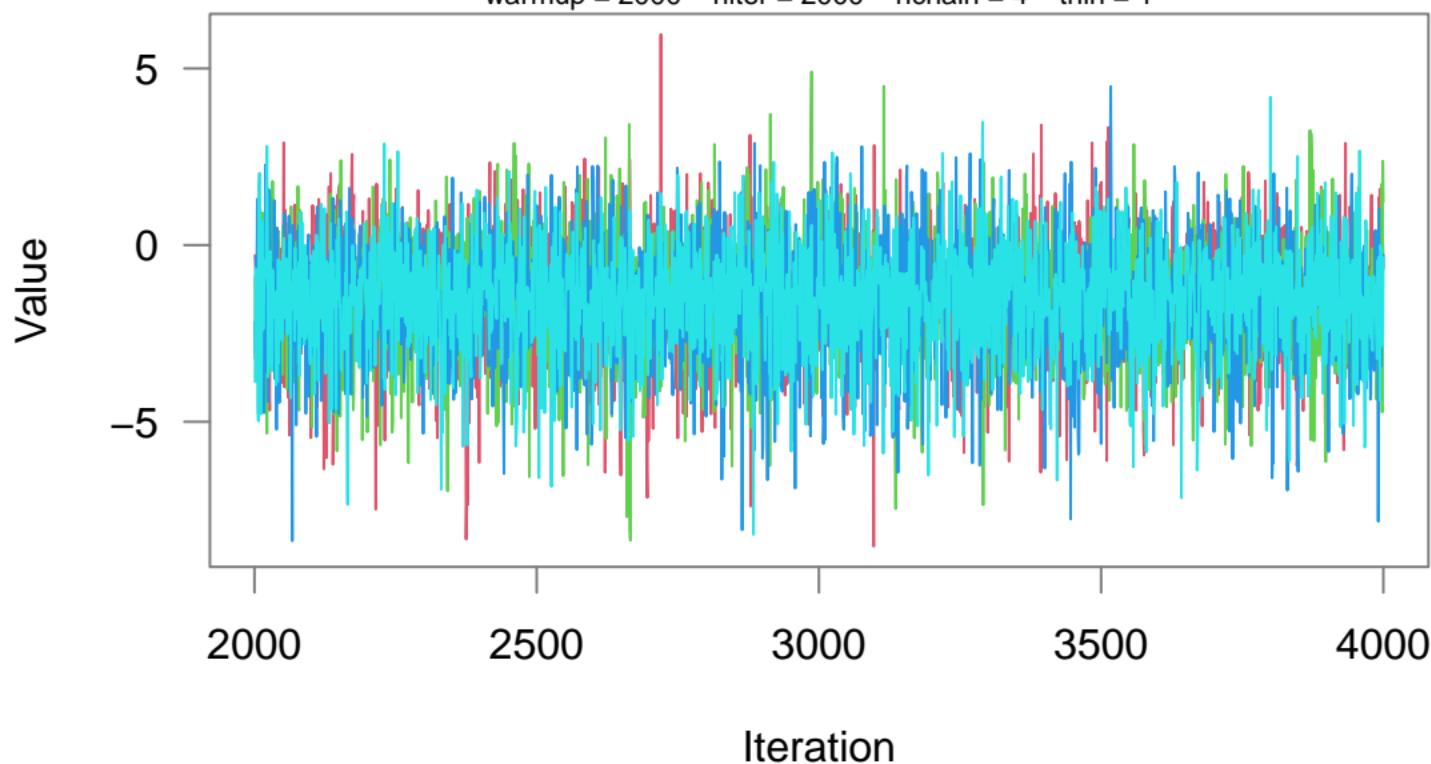
r_bay_fac:site_fac__zi[Rodman.Reach_RR-1,Intercept]

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



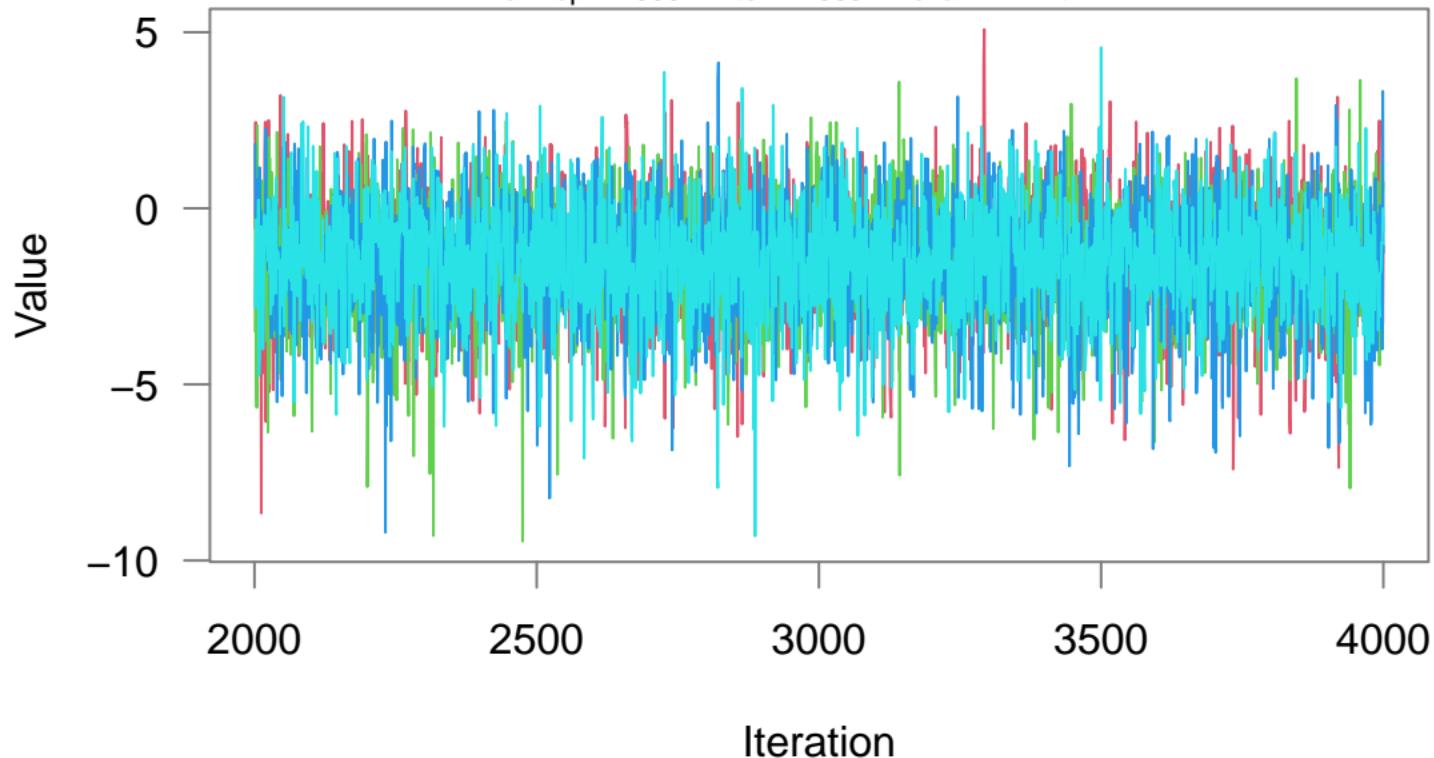
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



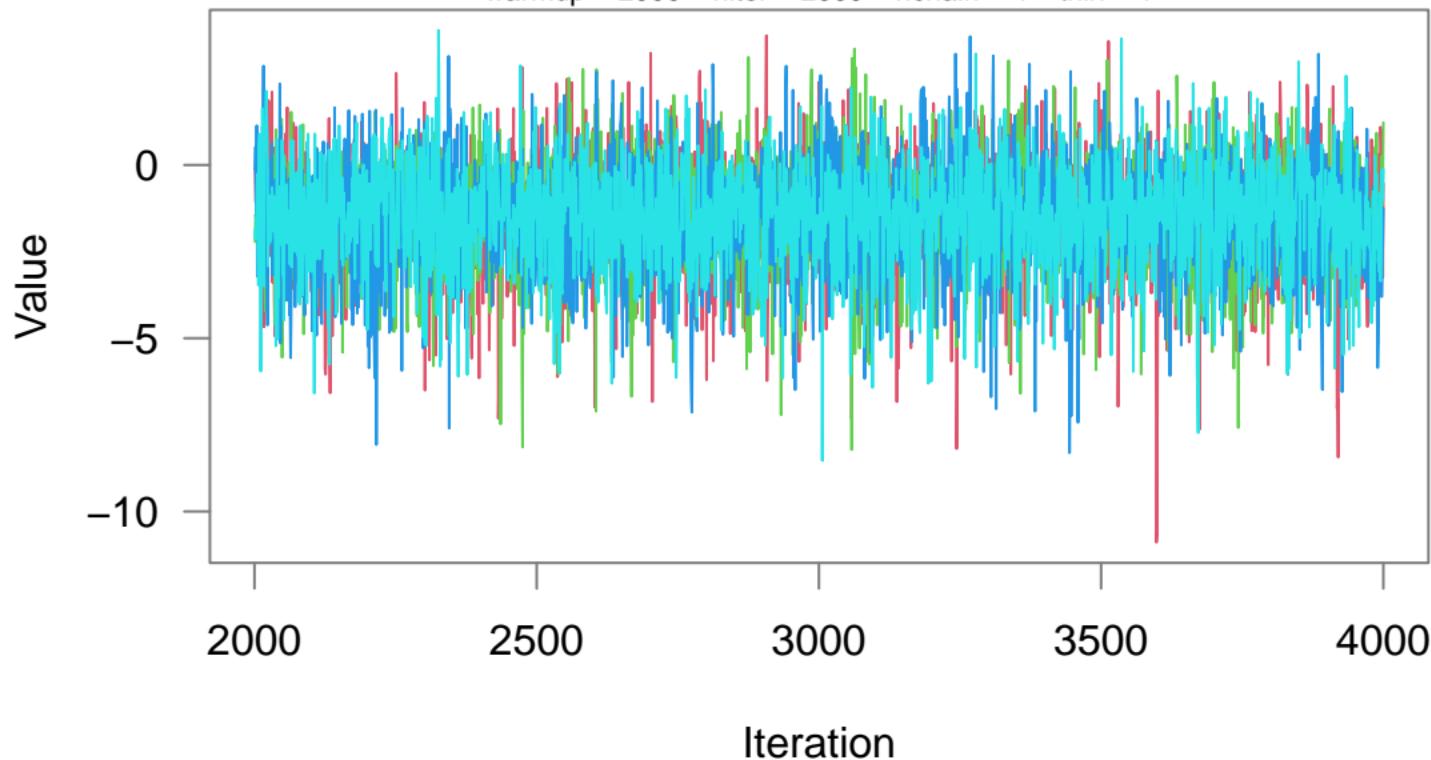
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



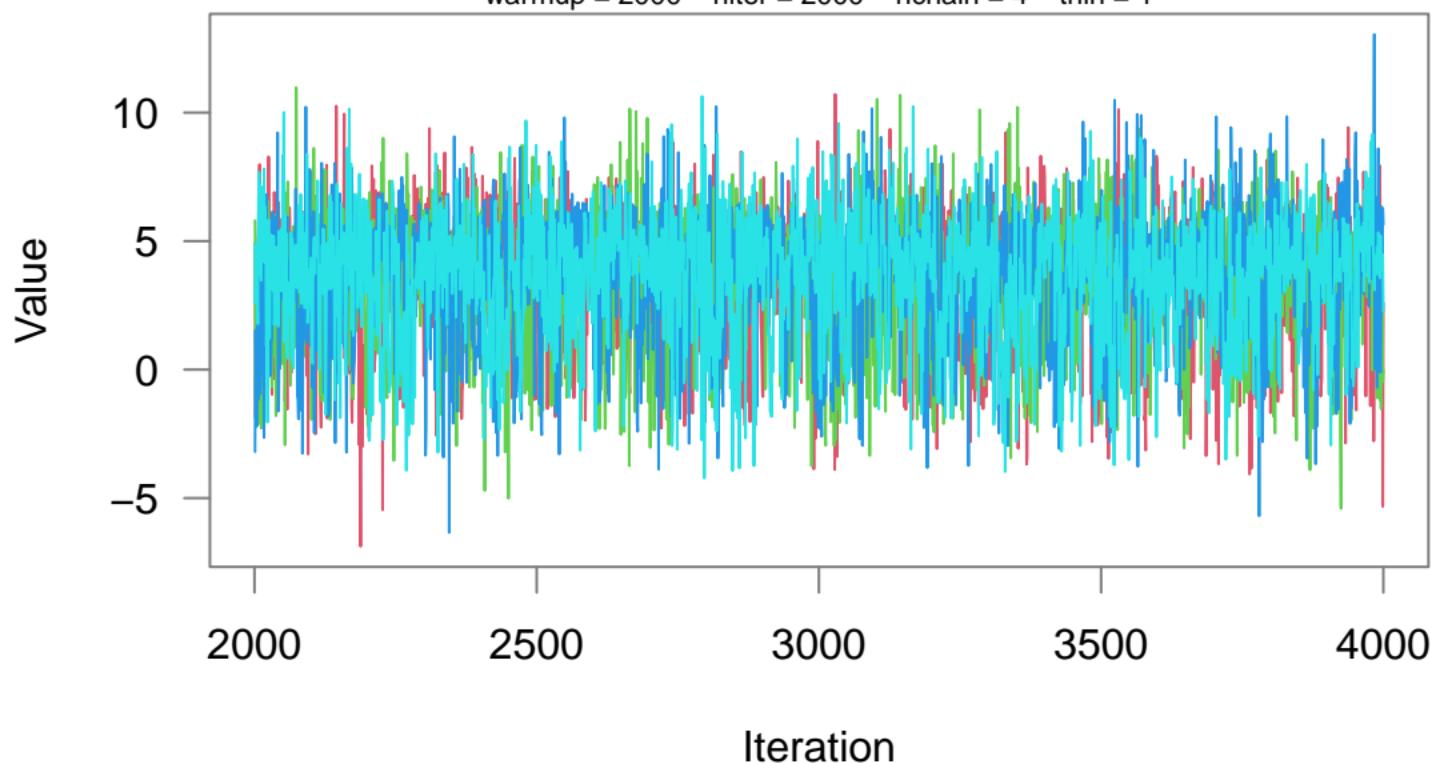
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



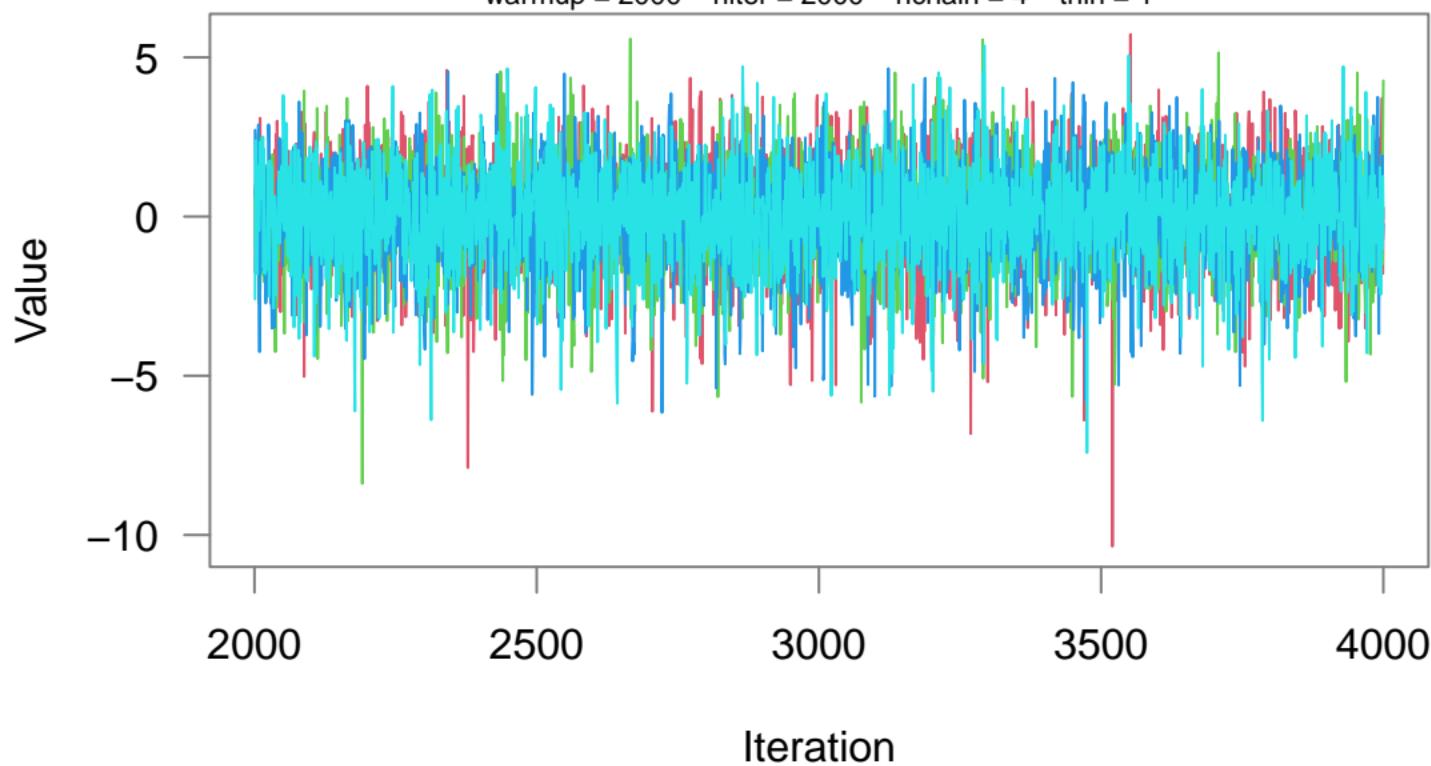
r_bay_fac:site_fac__zi[Rodman.Reach_RR-5,Intercept]

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



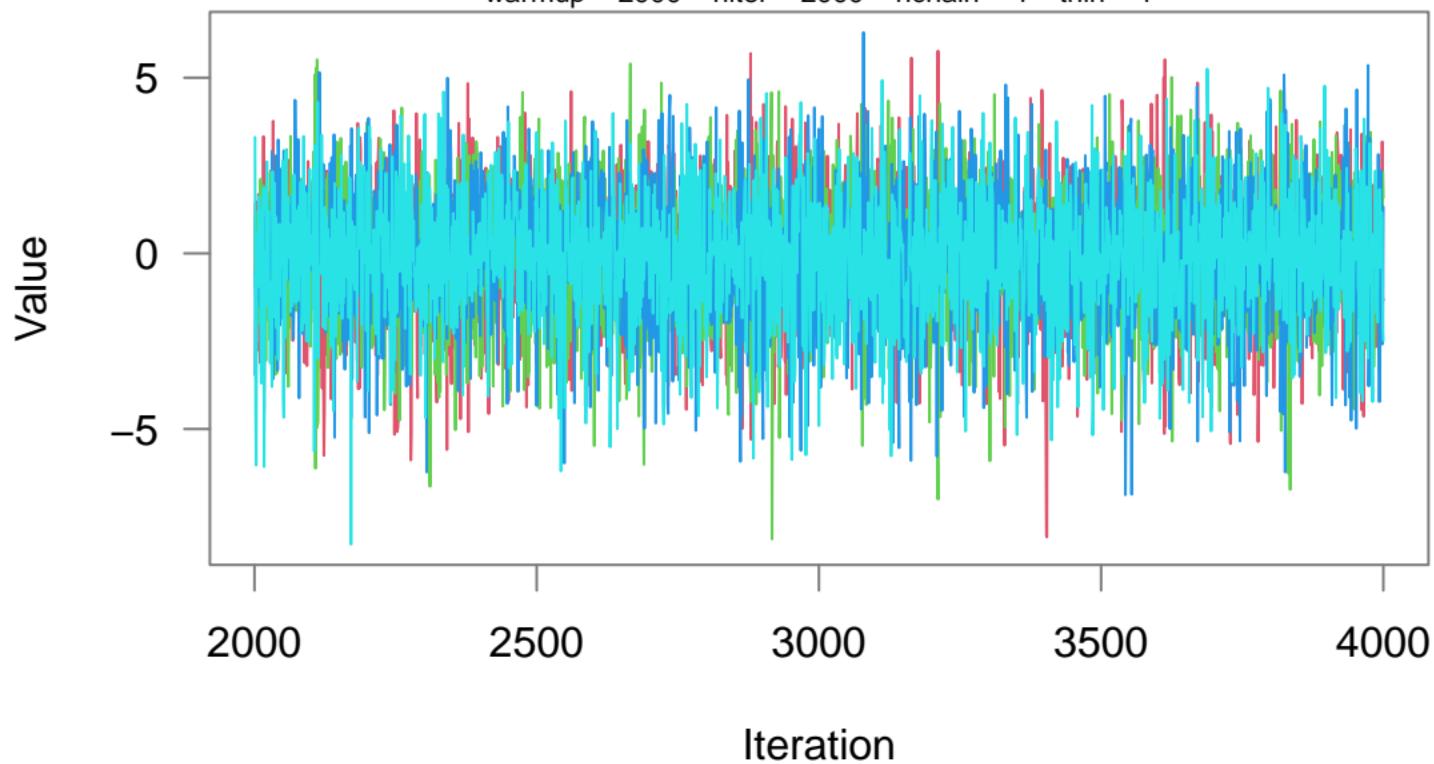
r_bay_fac:site_fac__zi[Rodman.Reach_RR-6,Intercept]

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



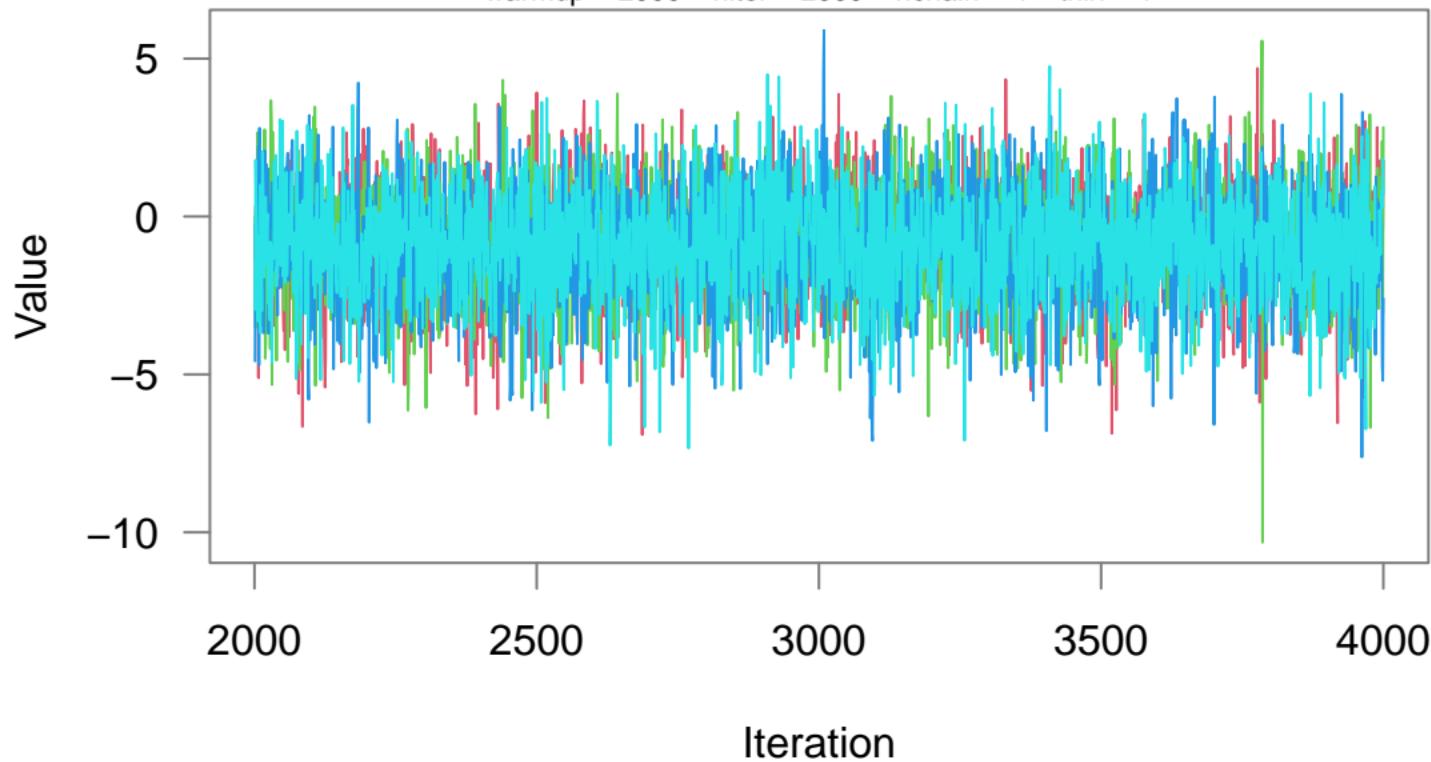
r_bay_fac:site_fac__zi[Sand.Point_Sand-1,Intercept]

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



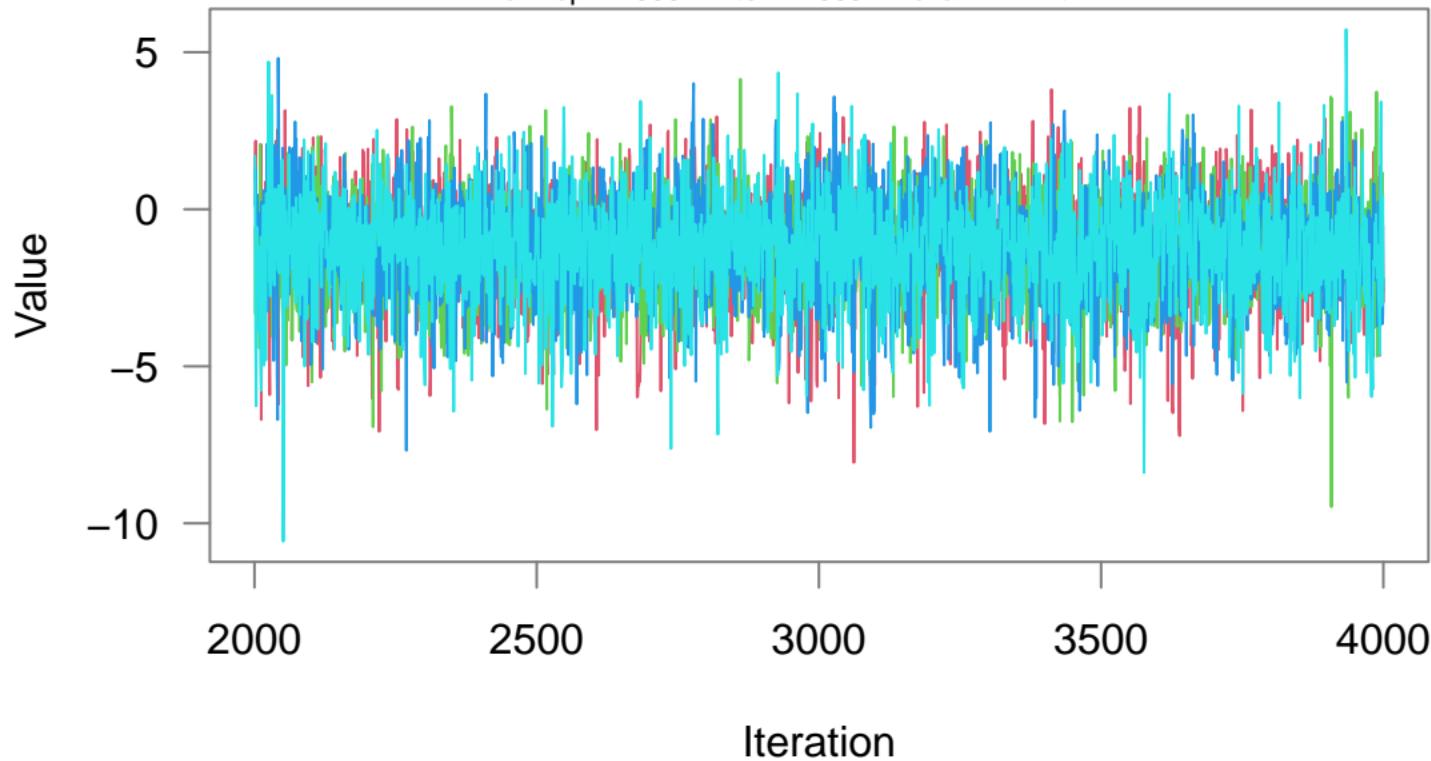
r_bay_fac:site_fac__zi[Sand.Point_Sand-2,Intercept]

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



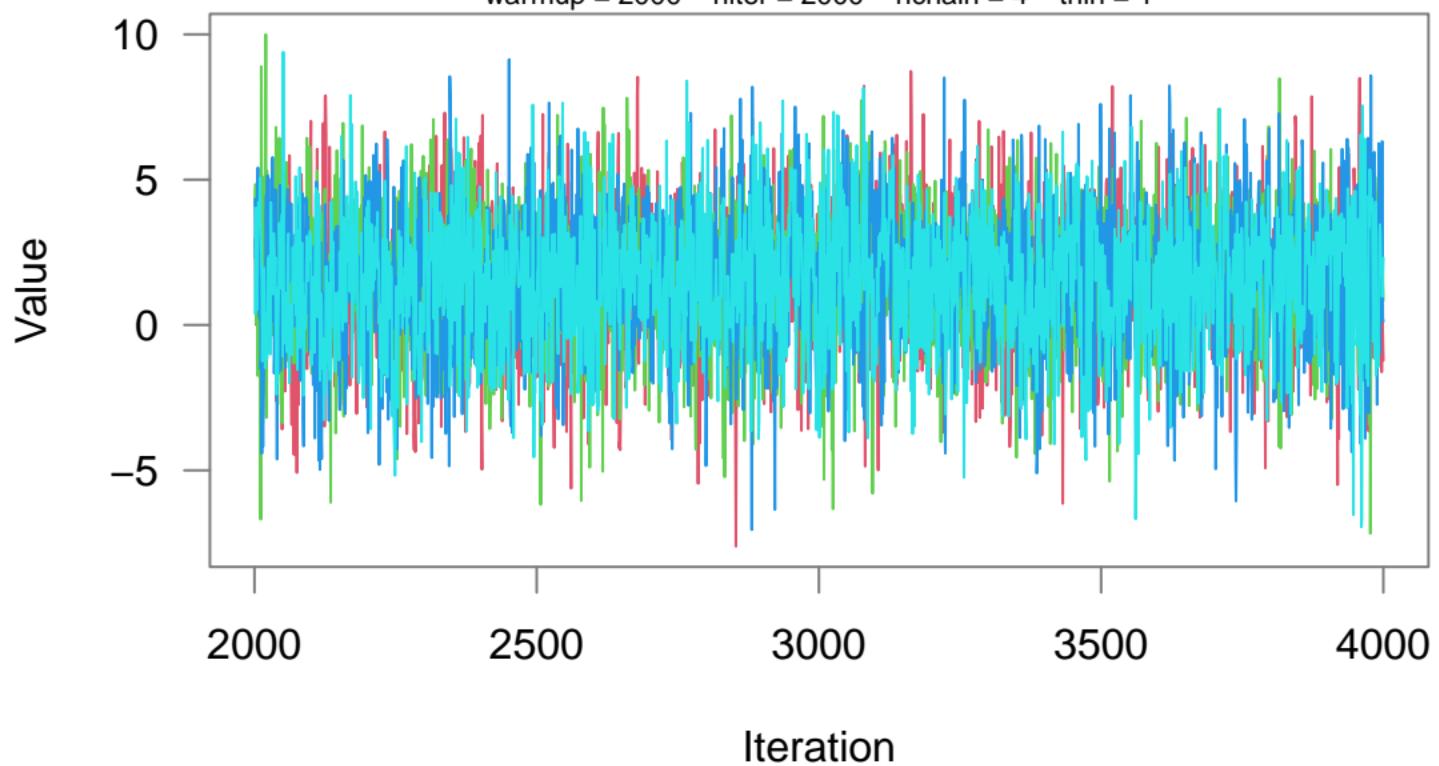
r_bay_fac:site_fac__zi[Sand.Point_Sand-3,Intercept]

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



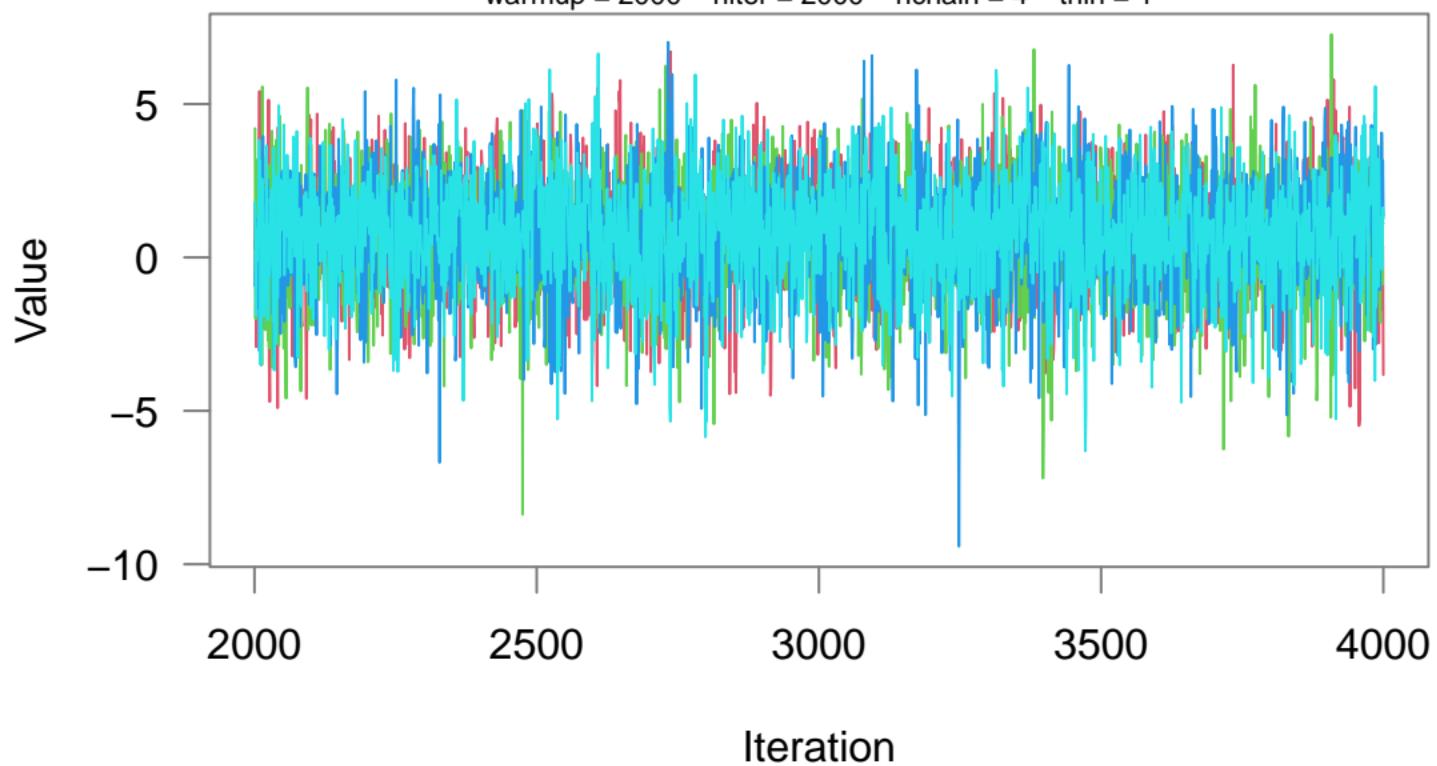
r_bay_fac:site_fac__zi[Ugak_Ugak-1,Intercept]

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



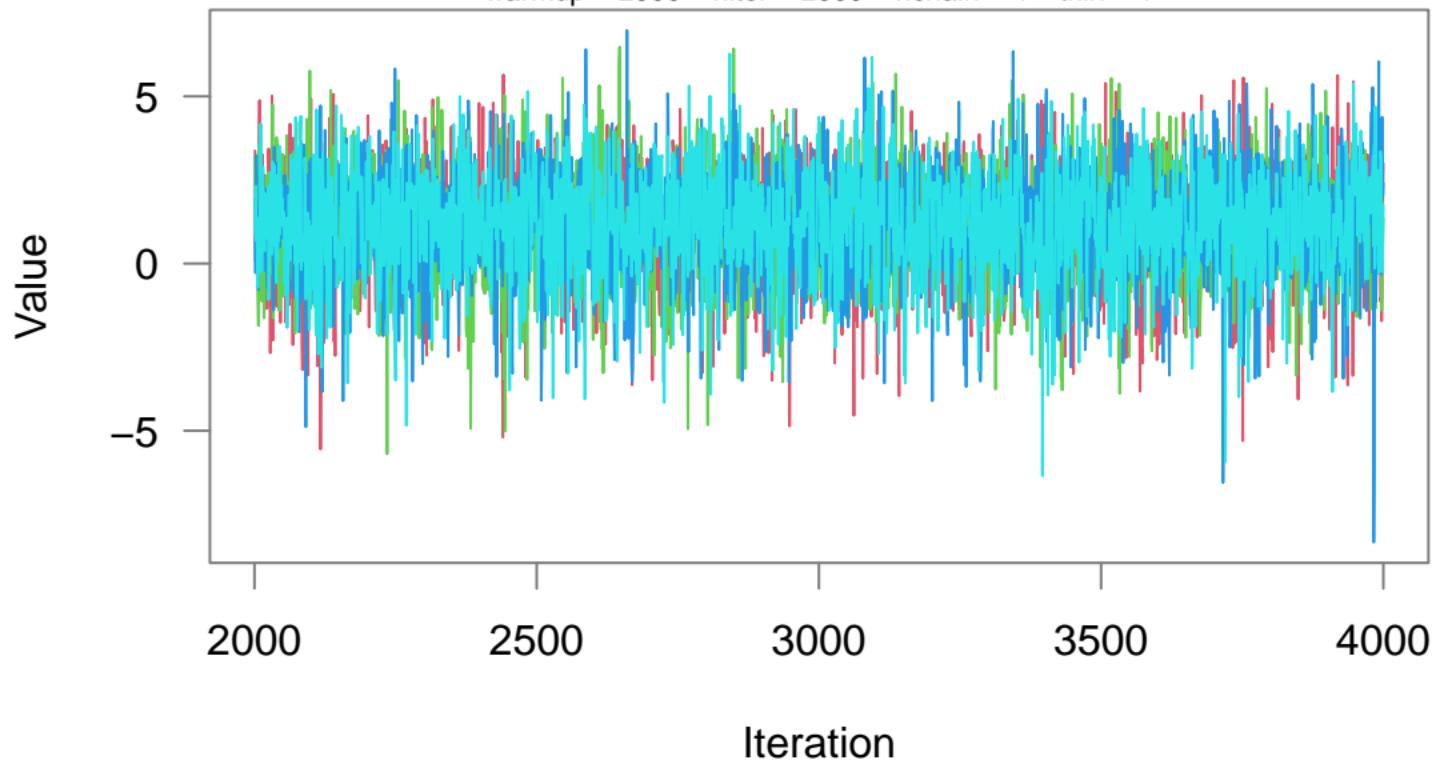
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warmup = 2000 niter = 2000 nchain = 4 thin = 1



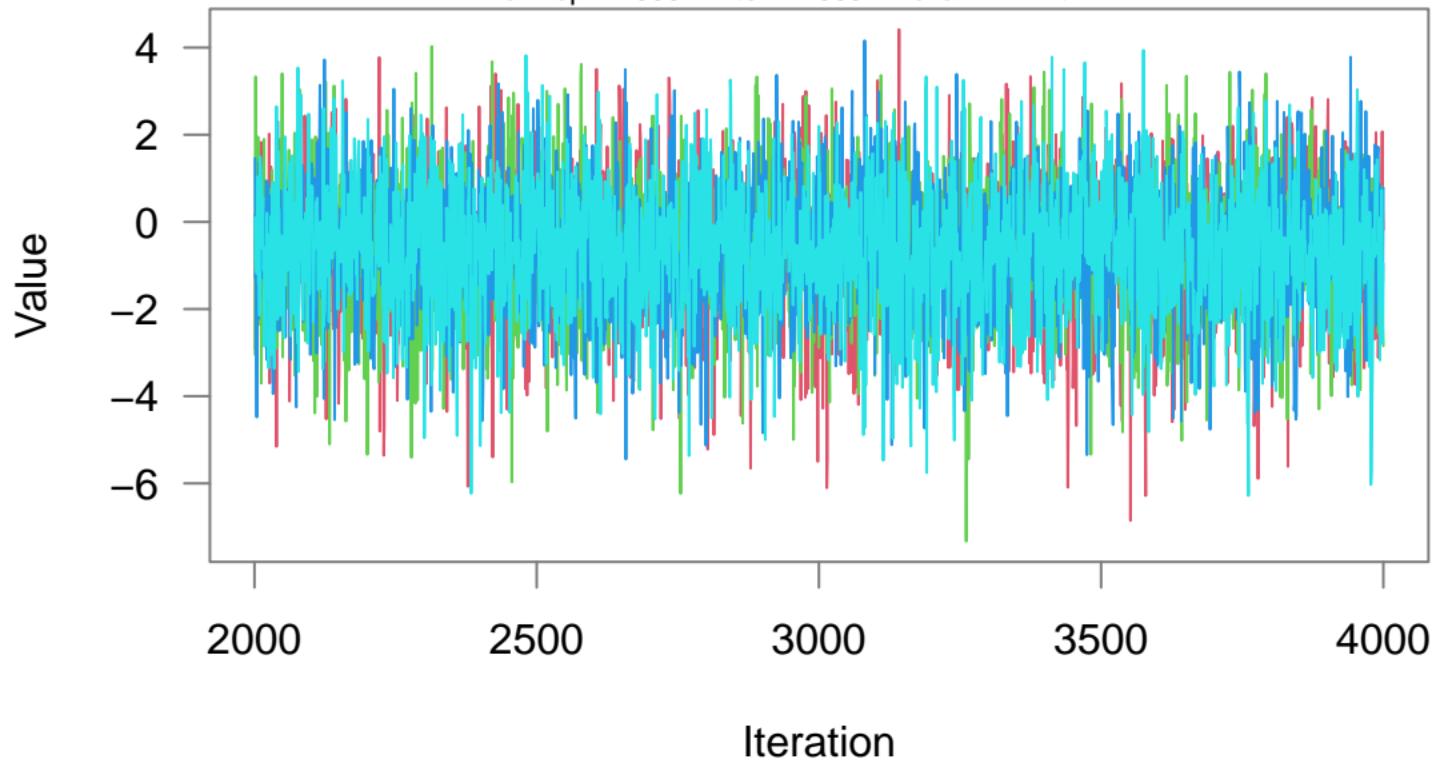
r_bay_fac:site_fac__zi[Ugak_Ugak-3,Intercept]

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



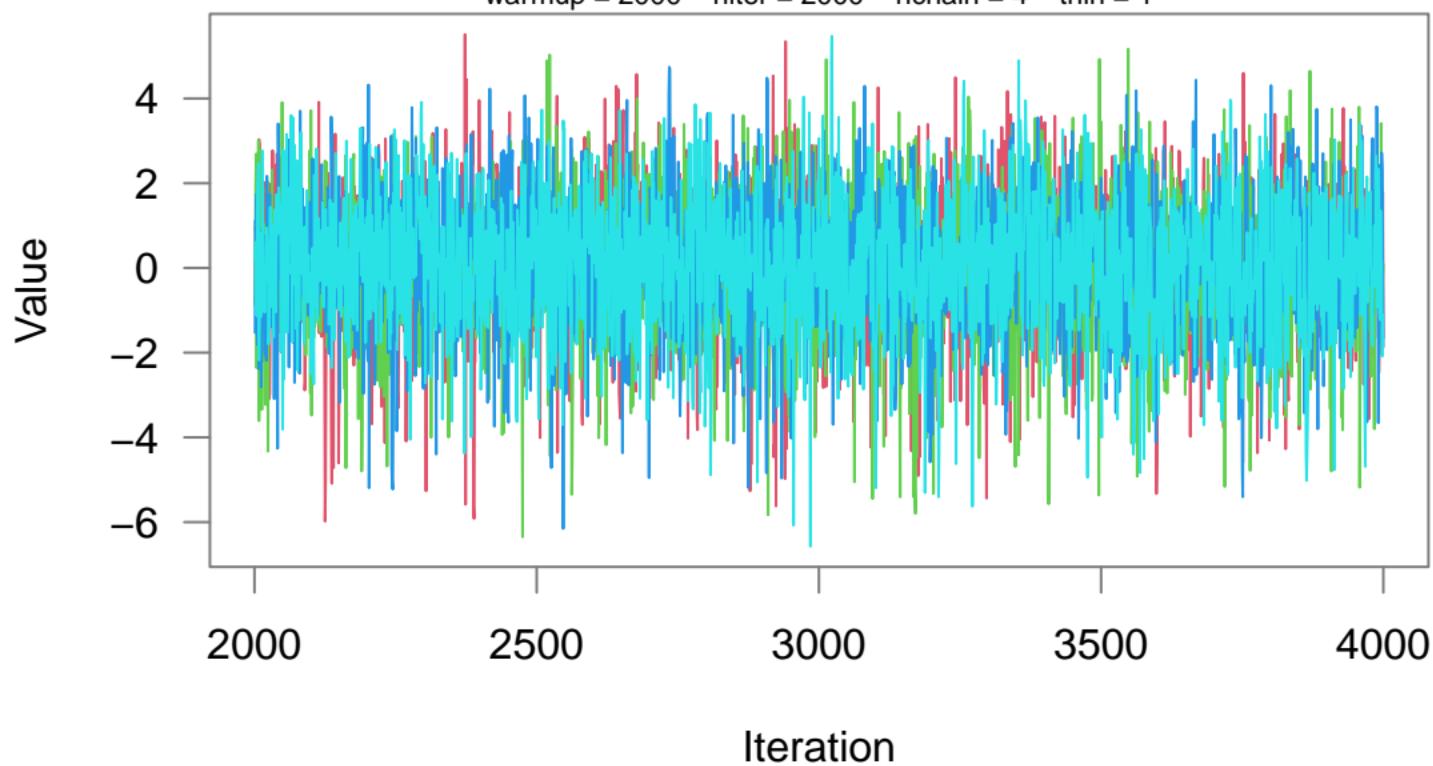
r_bay_fac:site_fac__zi[Ugak_Ugak-4,Intercept]

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



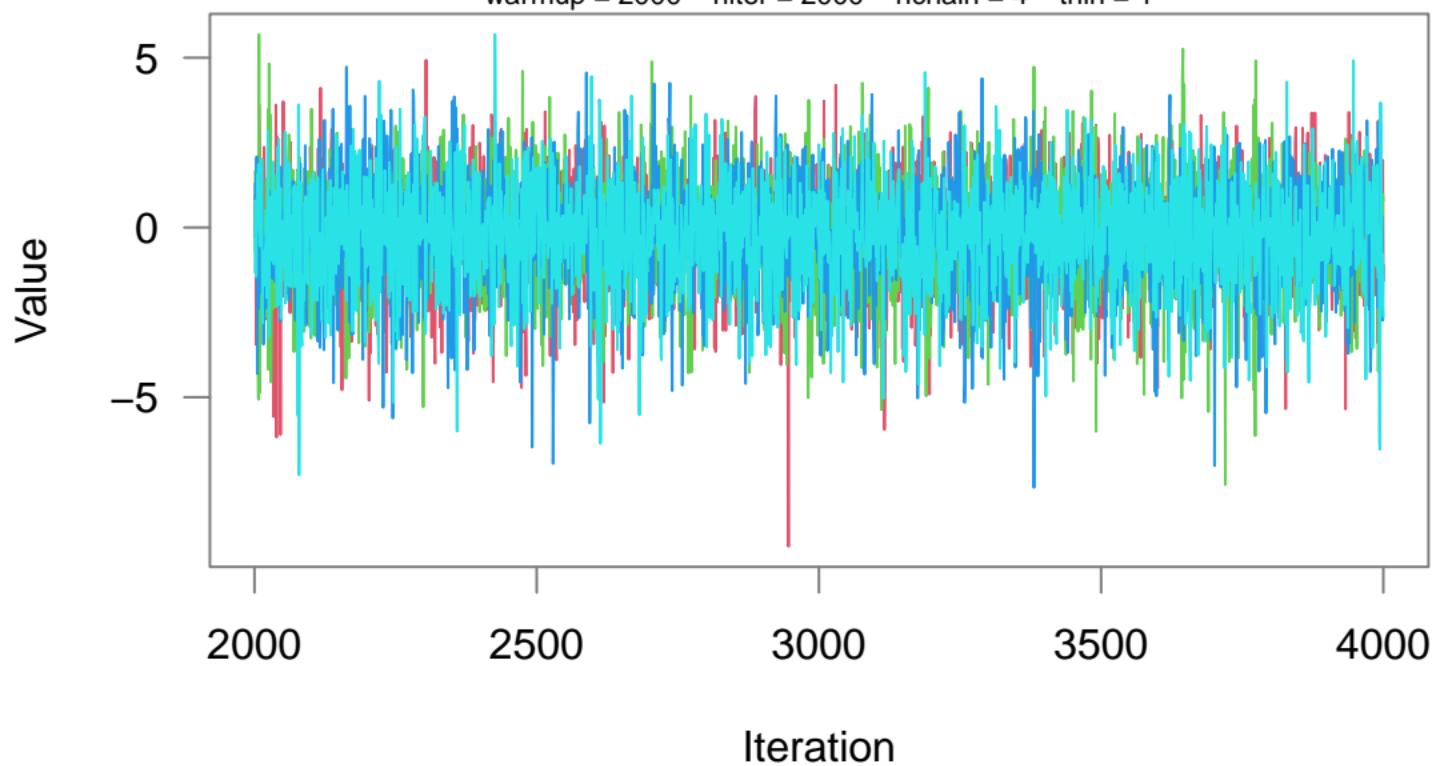
r_bay_fac:site_fac__zi[Ugak_Ugak-5,Intercept]

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



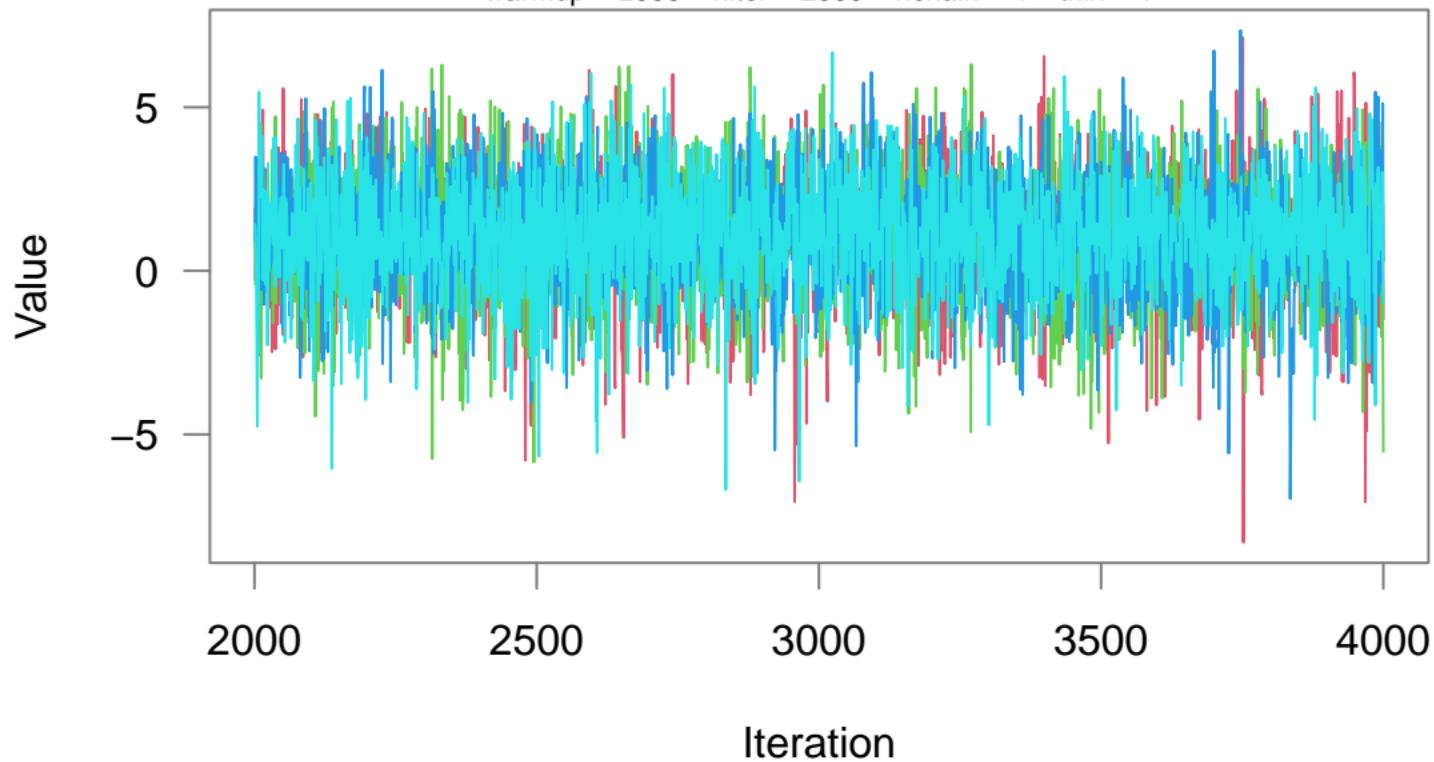
r_bay_fac:site_fac__zi[Ugak_Ugak-6,Intercept]

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



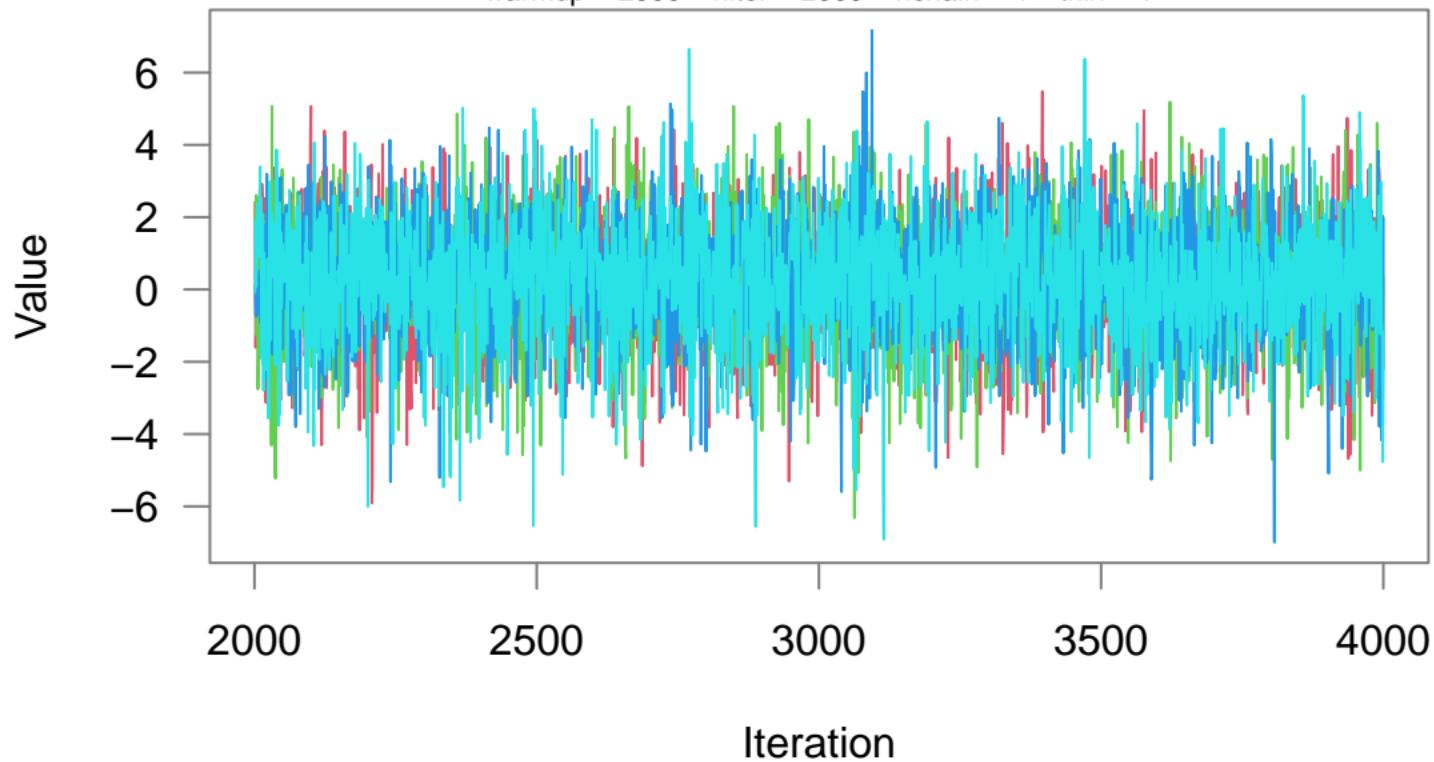
r_bay_fac:site_fac__zi[Ugak_Ugak-7,Intercept]

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



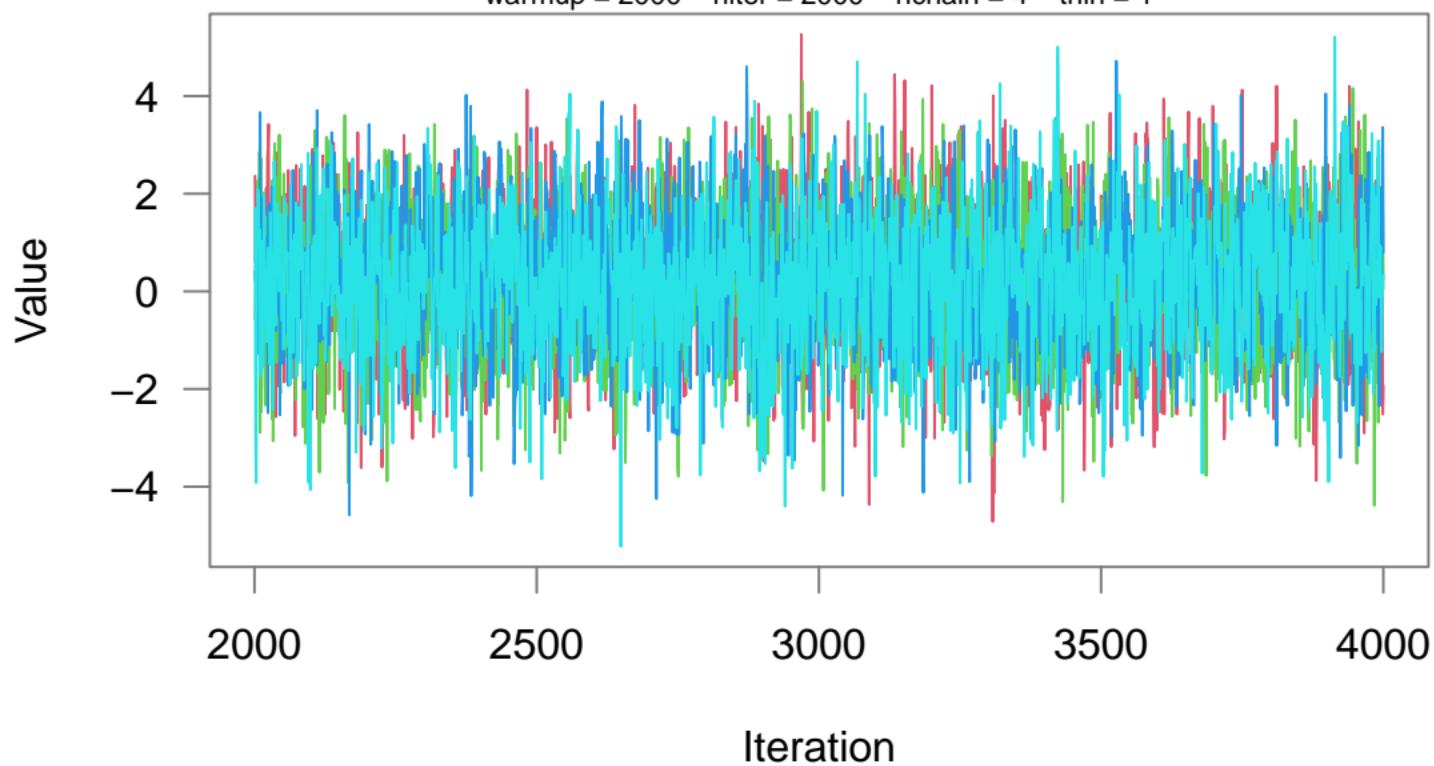
r_bay_fac:site_fac__zi[Ugak_Ugak-8,Intercept]

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



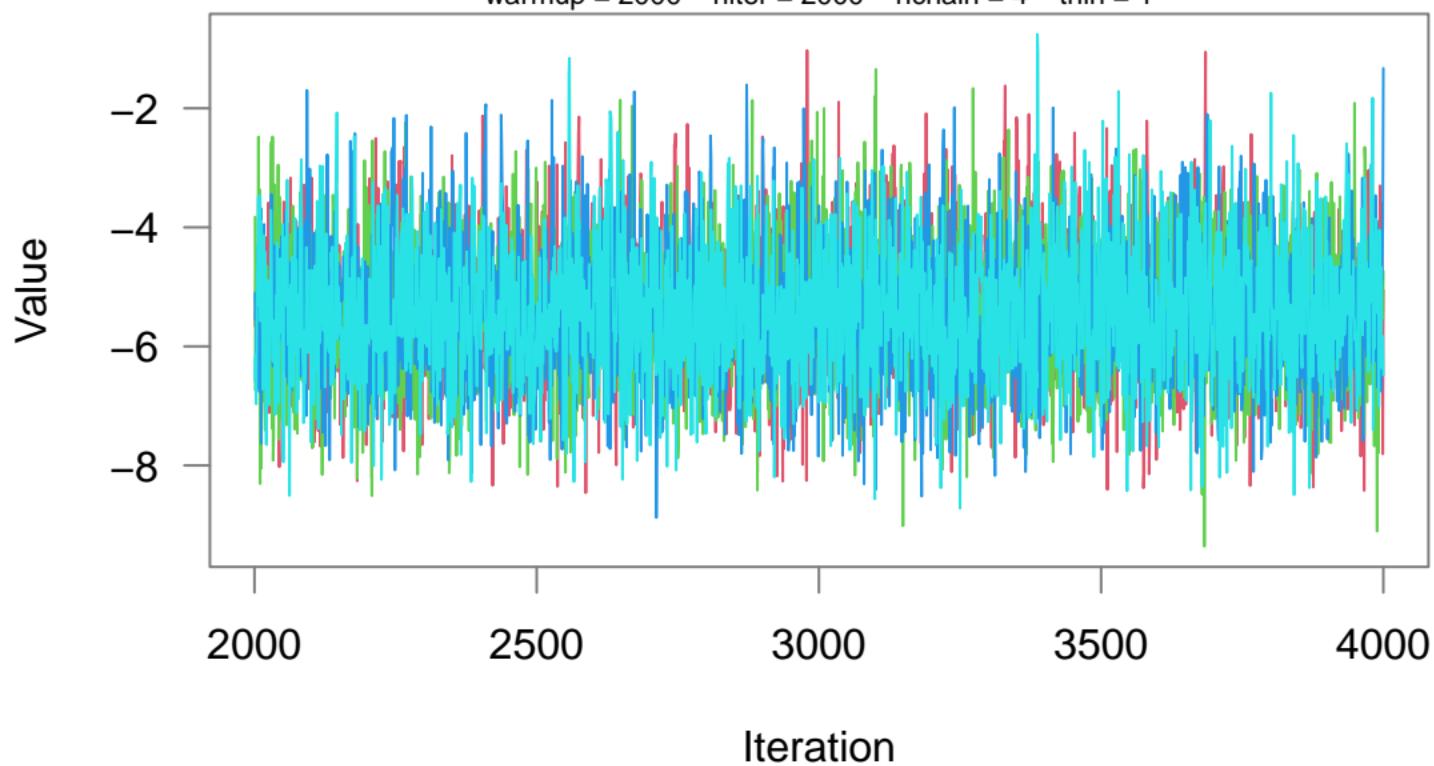
s_sjulian_1[1]

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



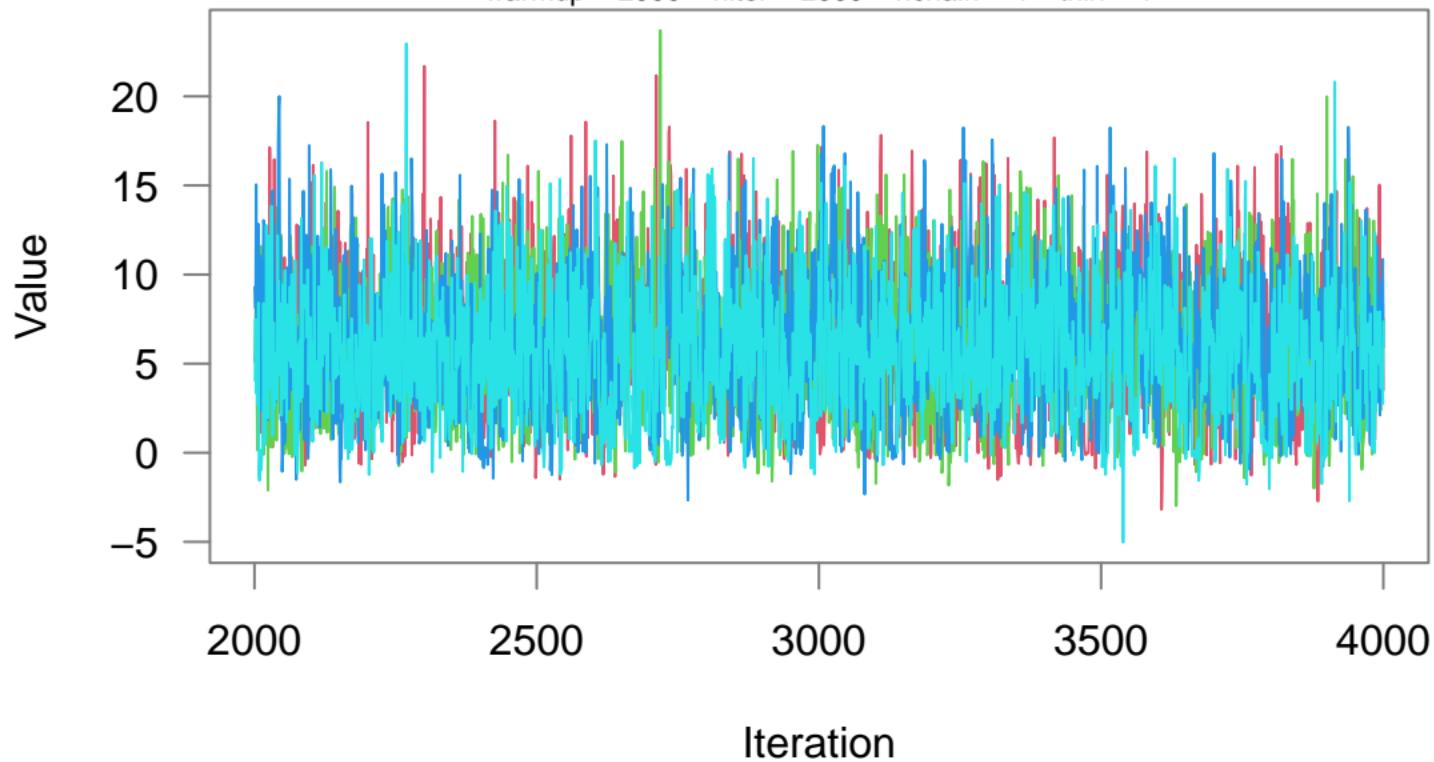
s_sjulian_1[2]

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



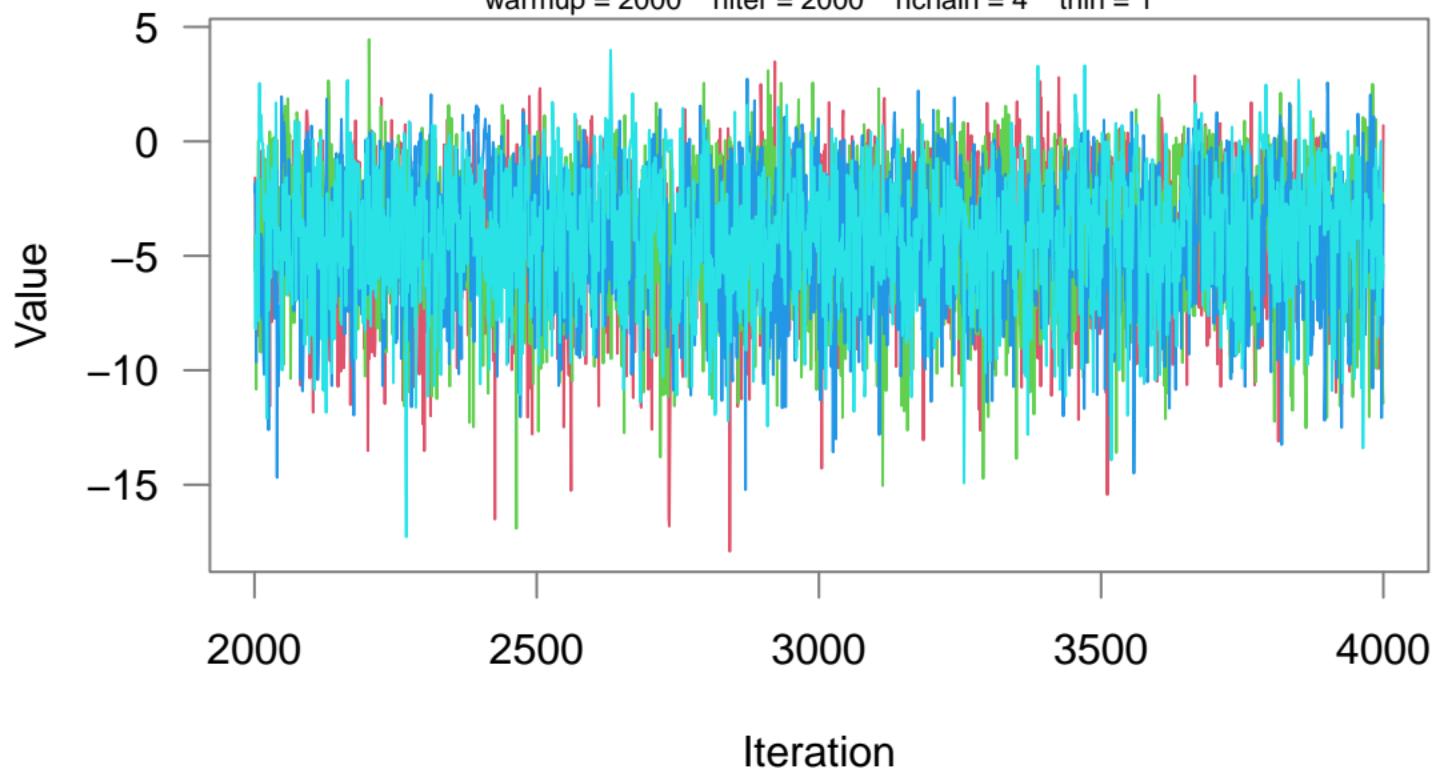
s_zi_sjulian_1[1]

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



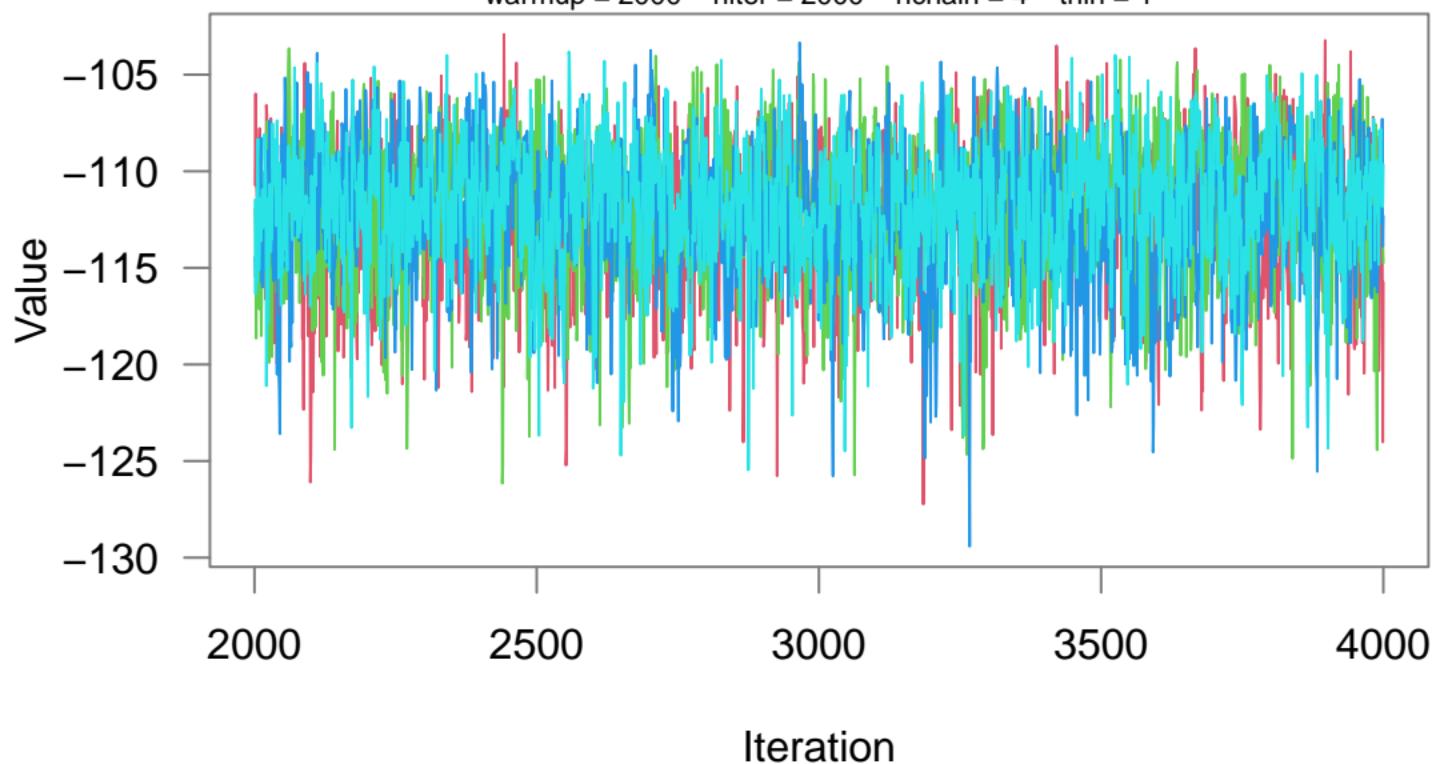
s_zi_sjulian_1[2]

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



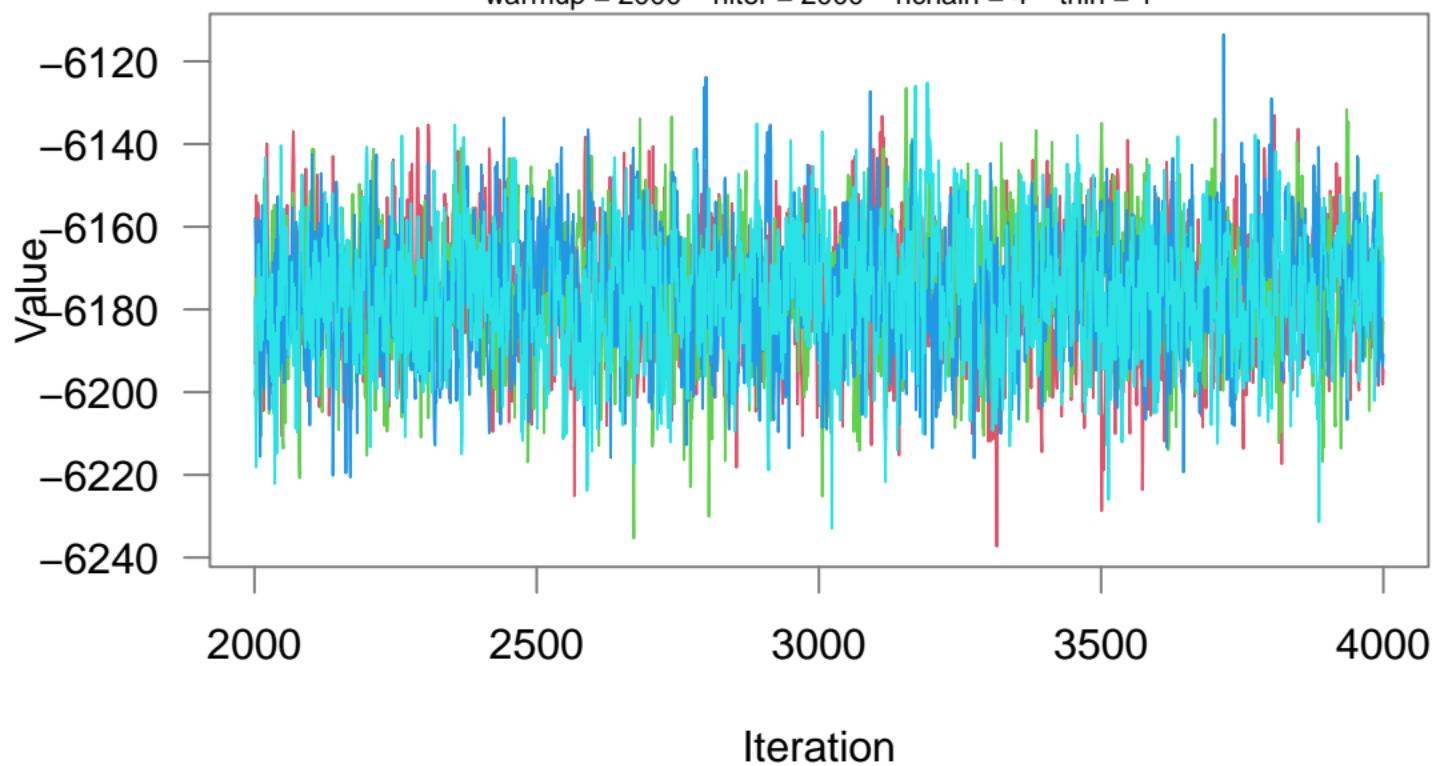
Iprior

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



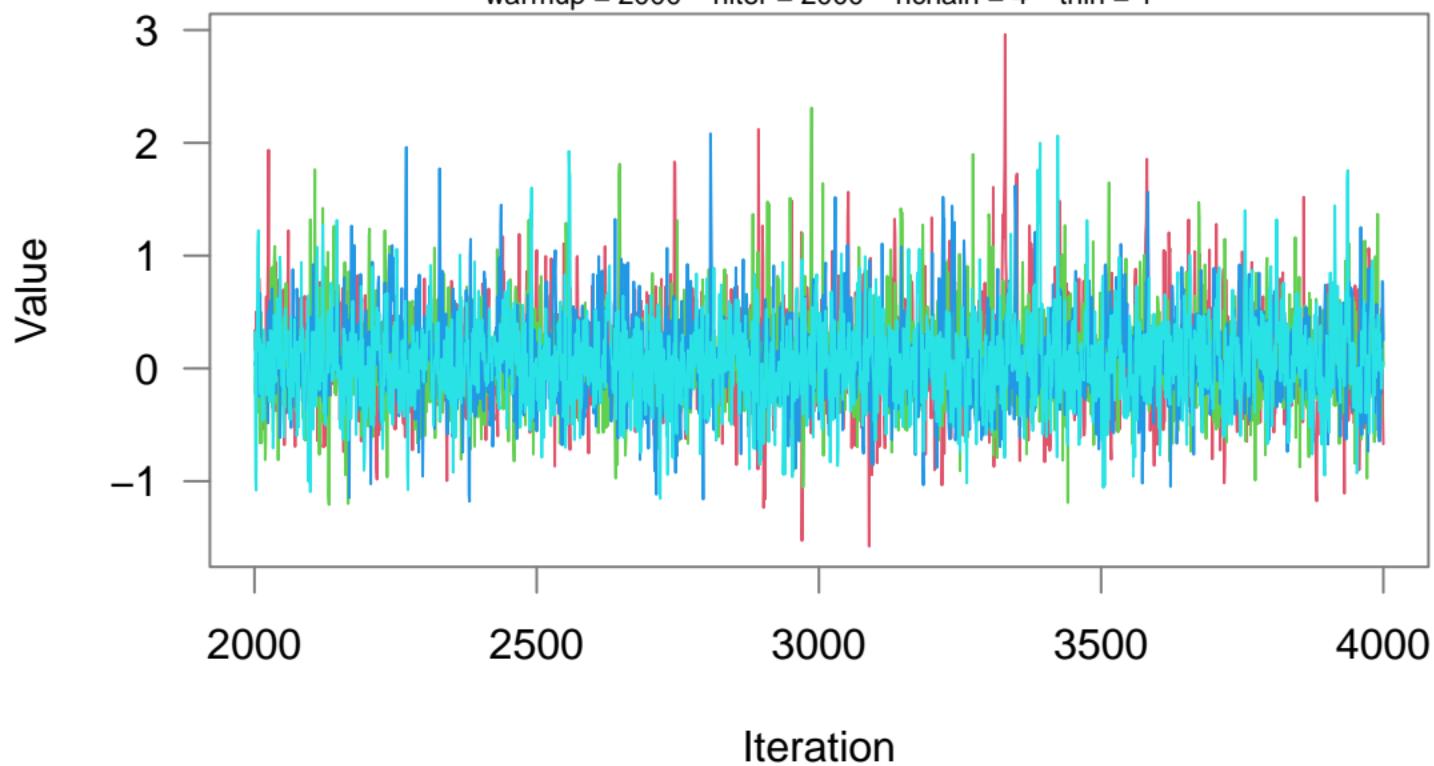
lp__

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



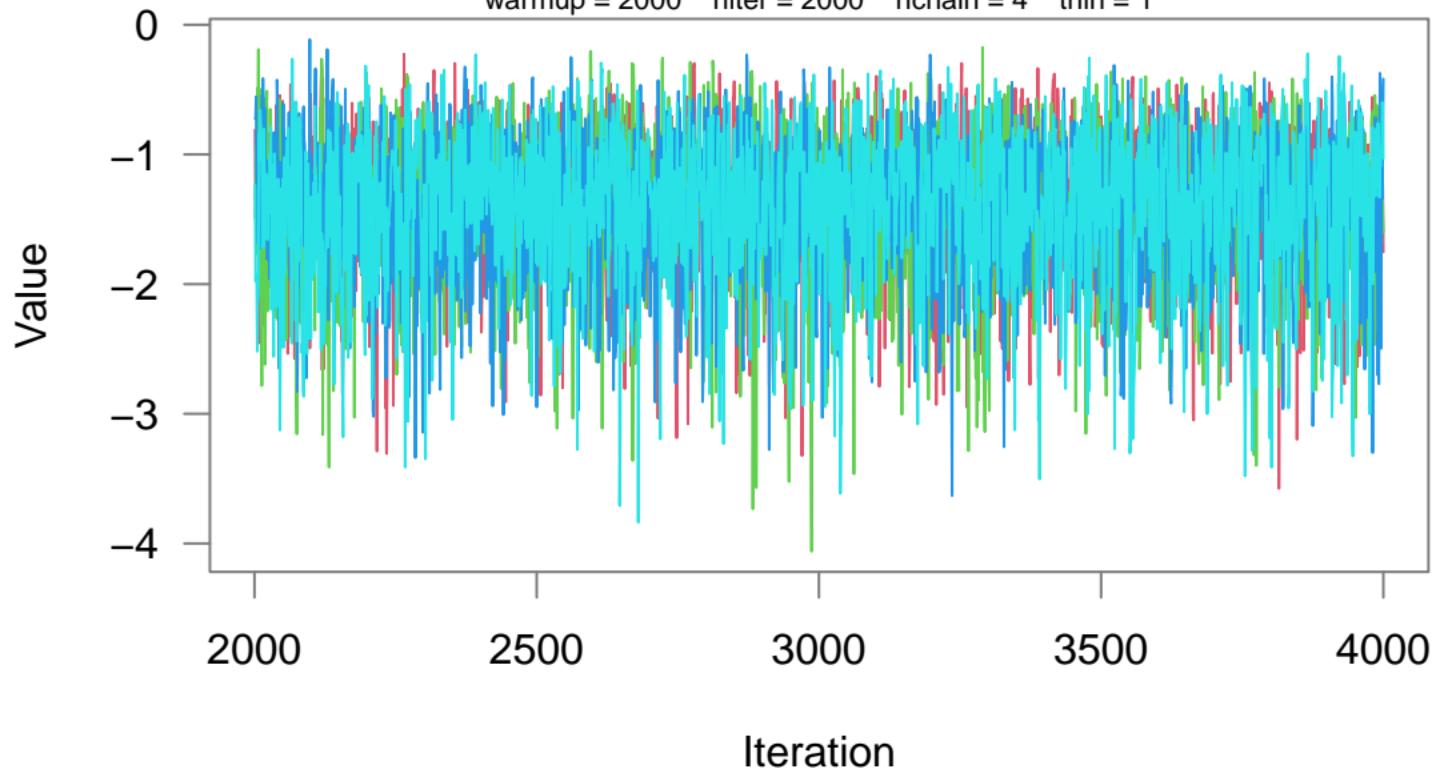
zs_1_1[1]

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



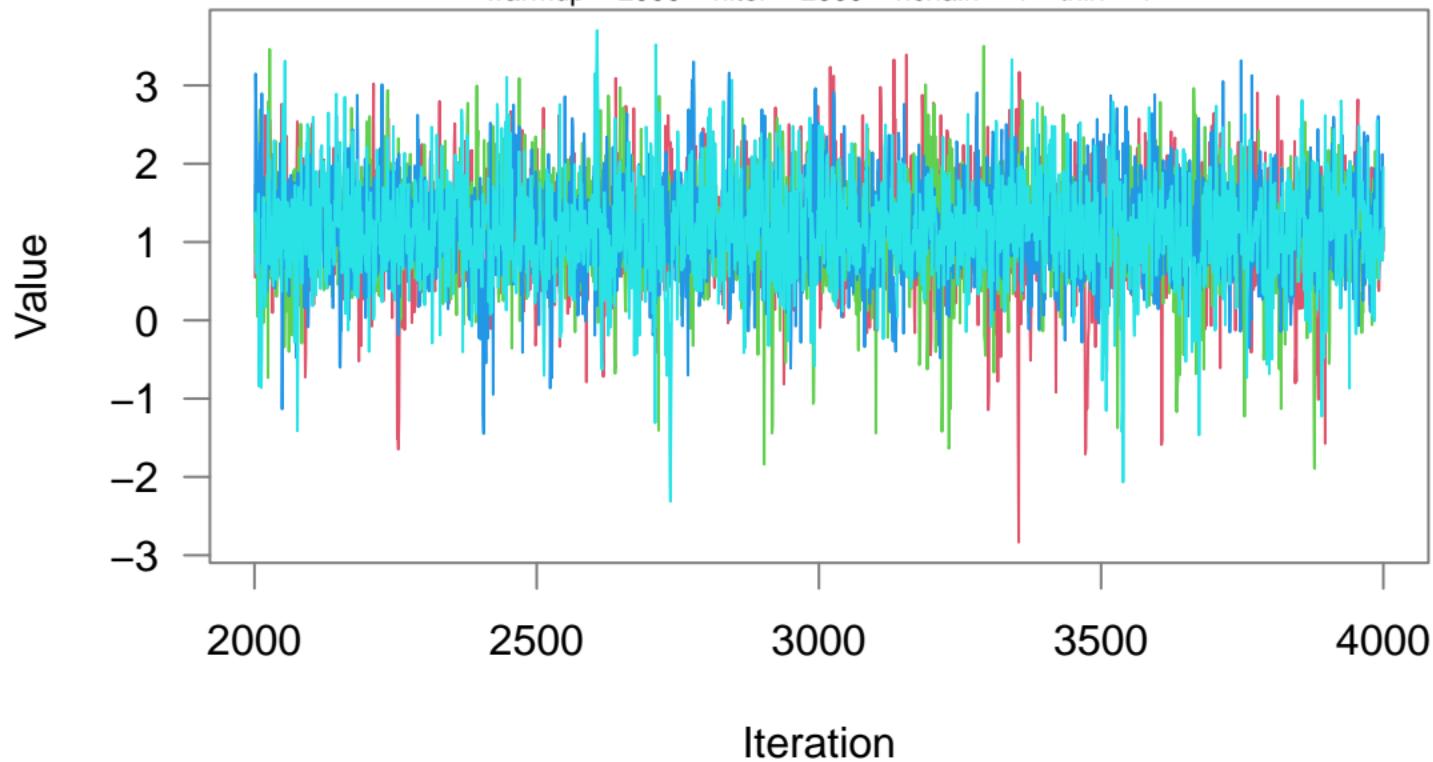
zs_1_1[2]

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



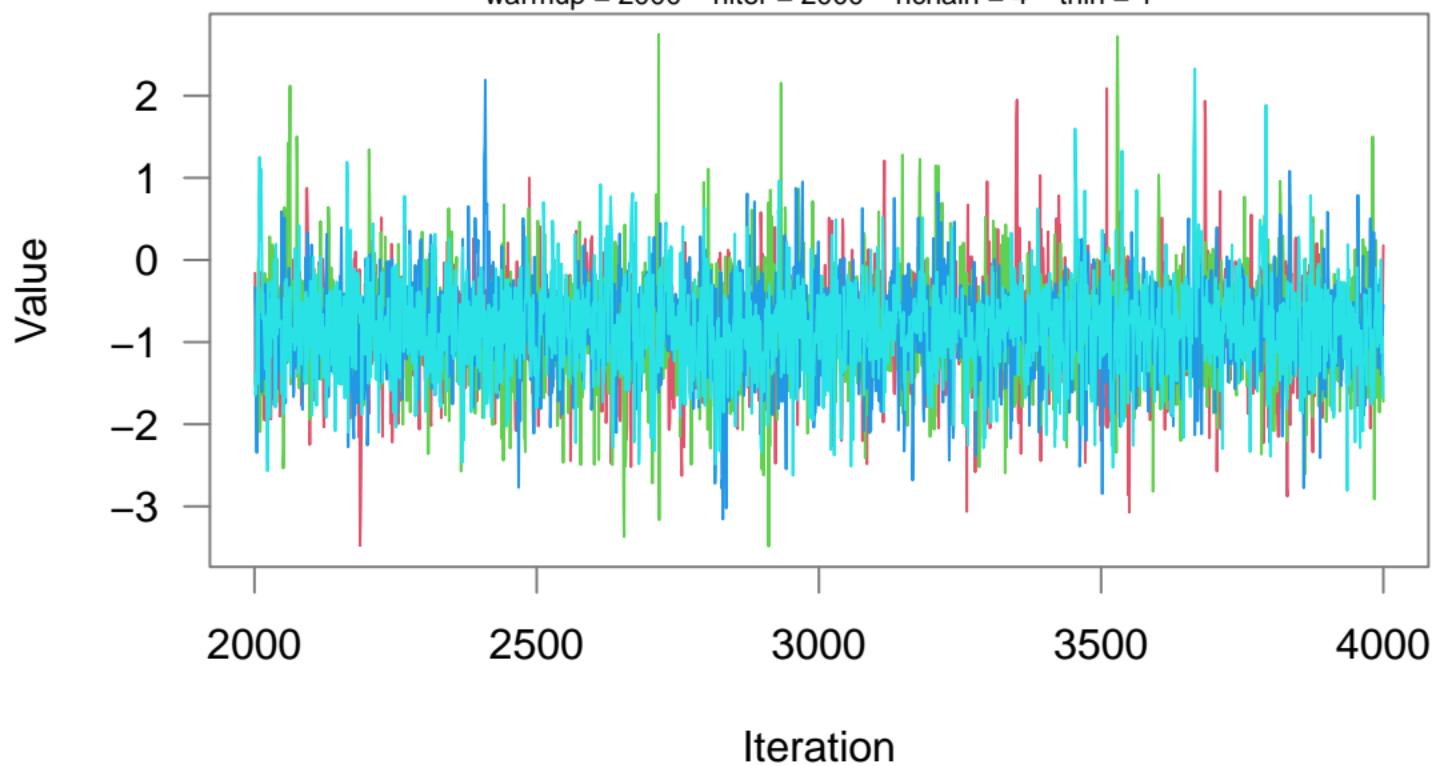
zs_zi_1_1[1]

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



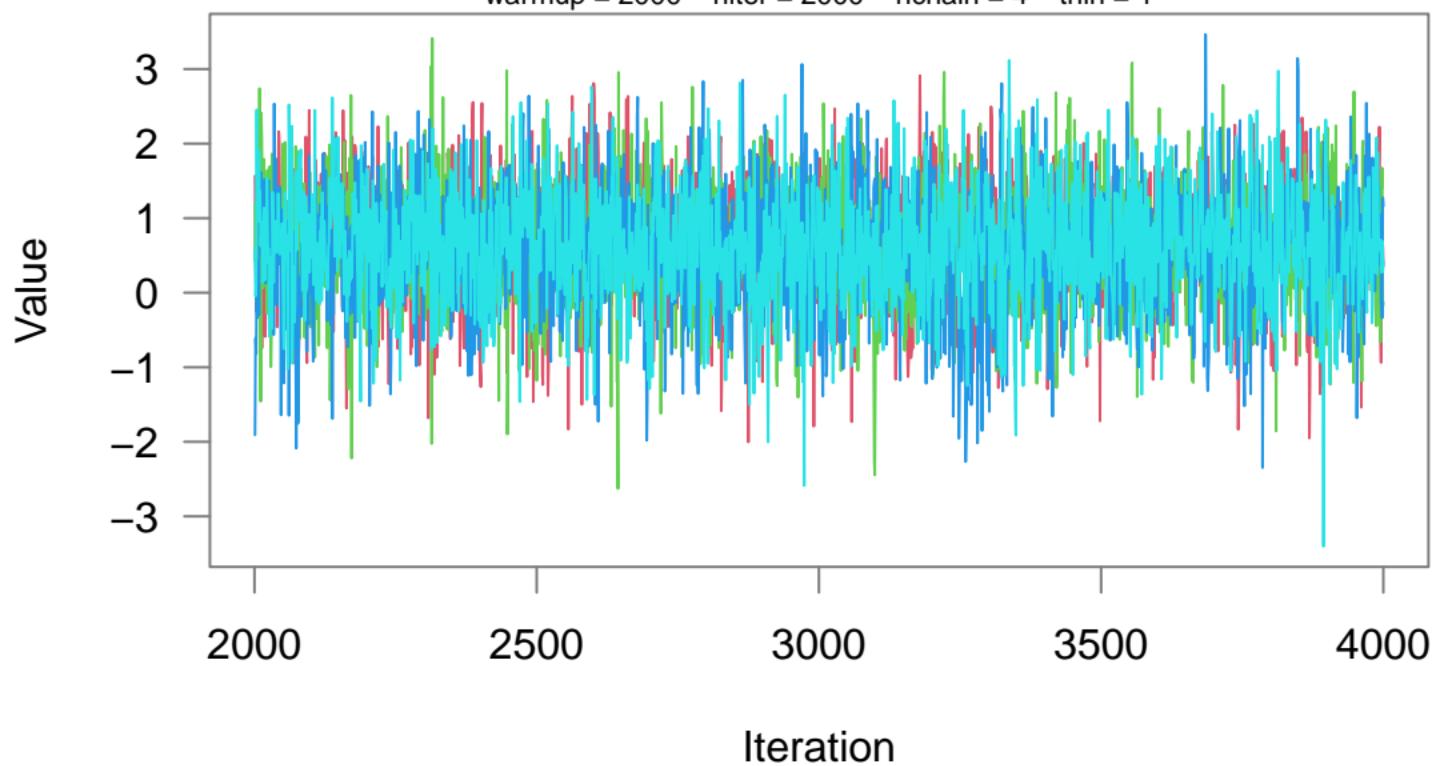
zs_zi_1_1[2]

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



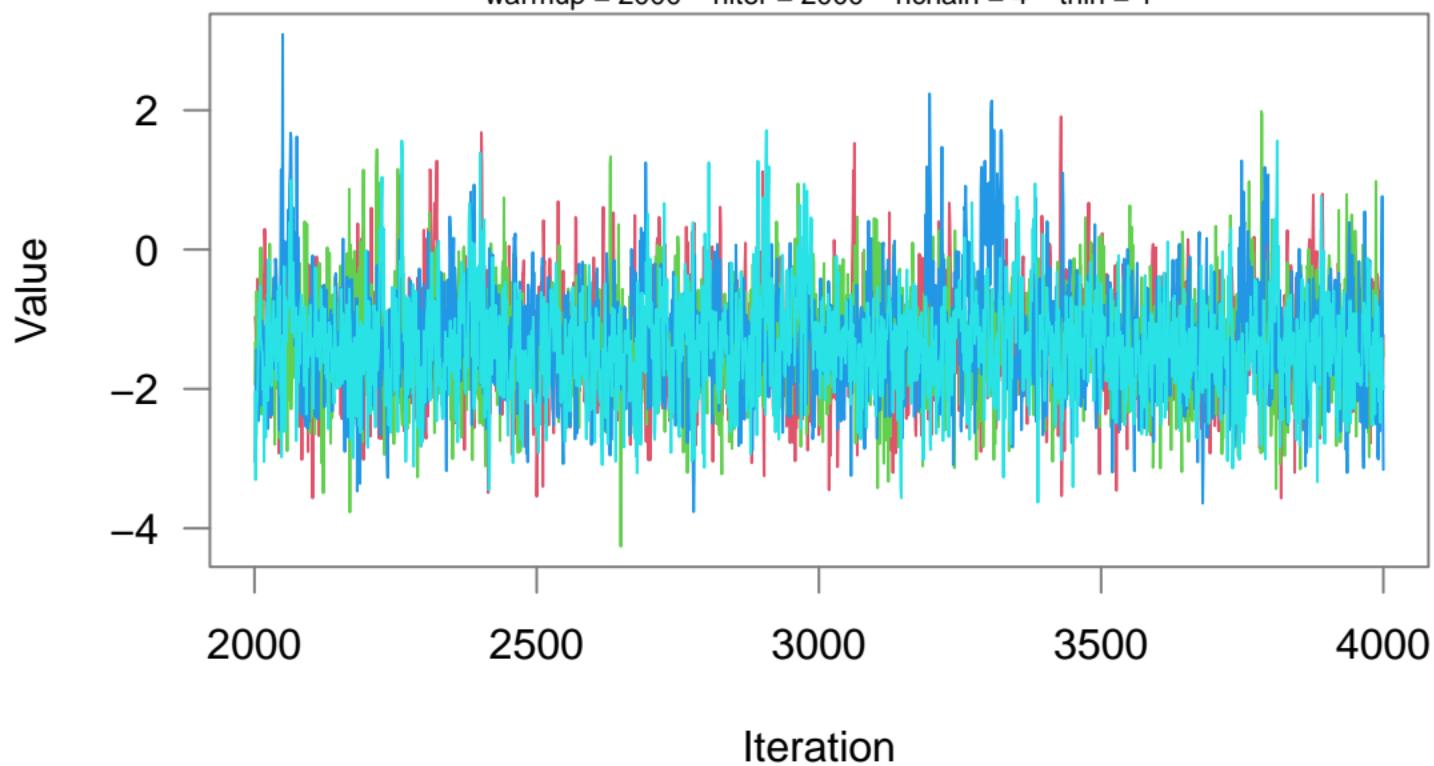
$z_{-1}[1,1]$

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



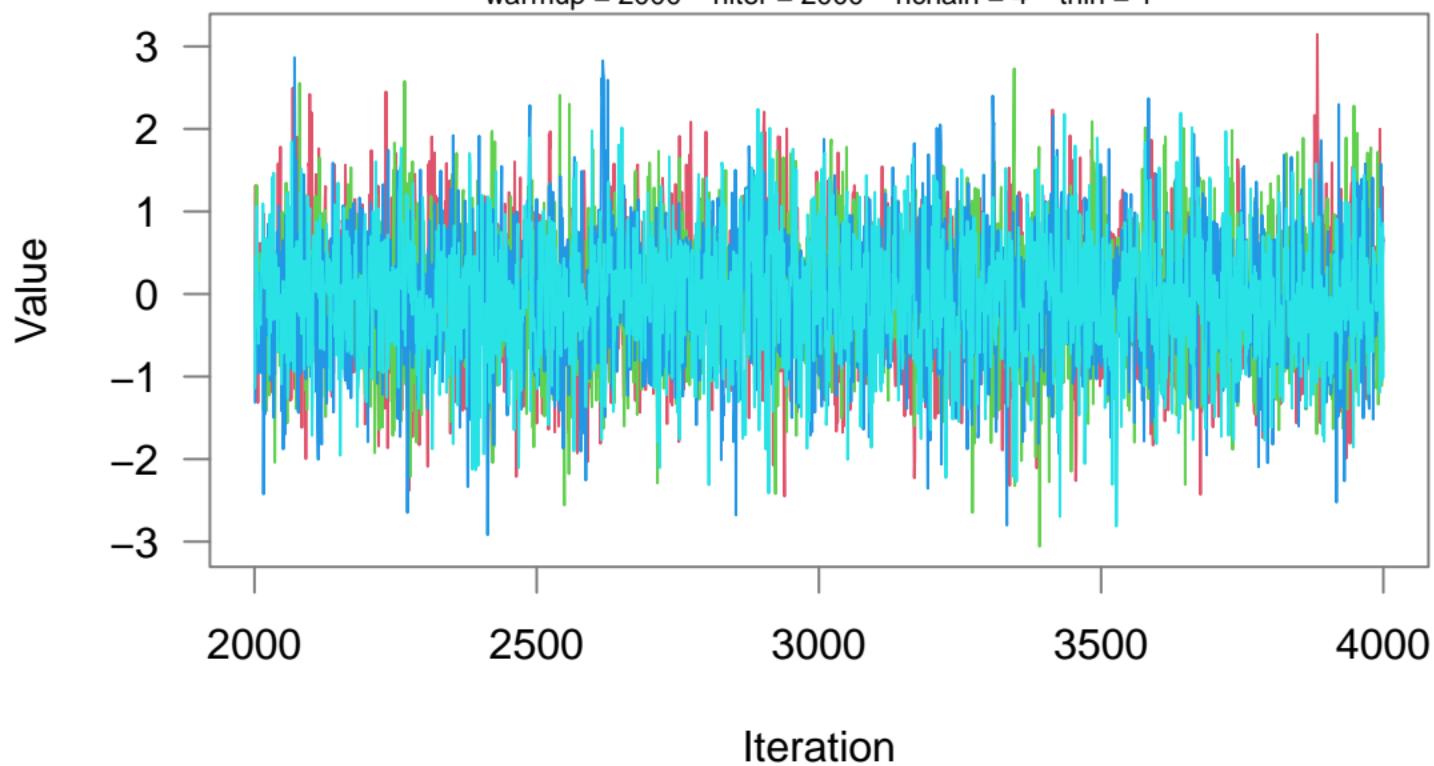
$z_{-1}[1,2]$

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



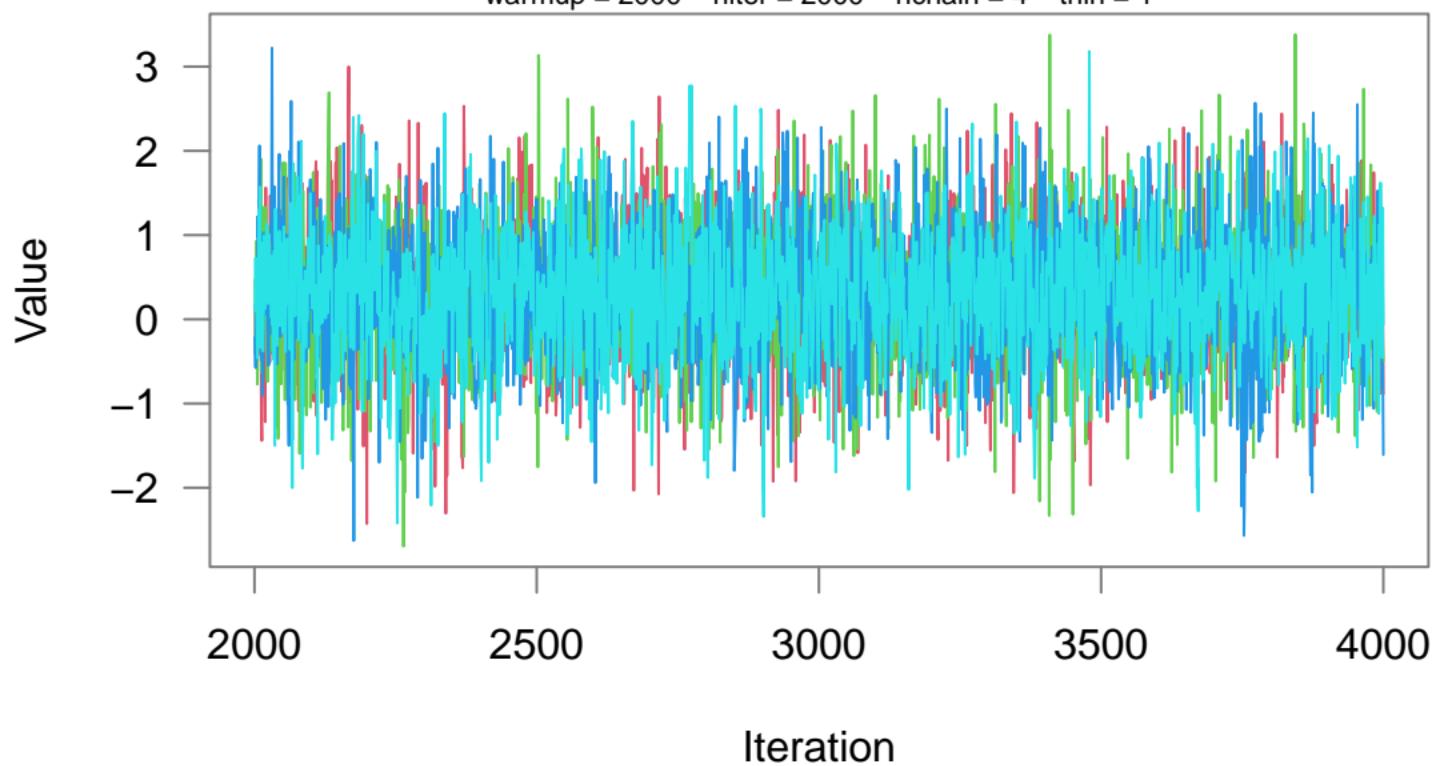
z_1[1,3]

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



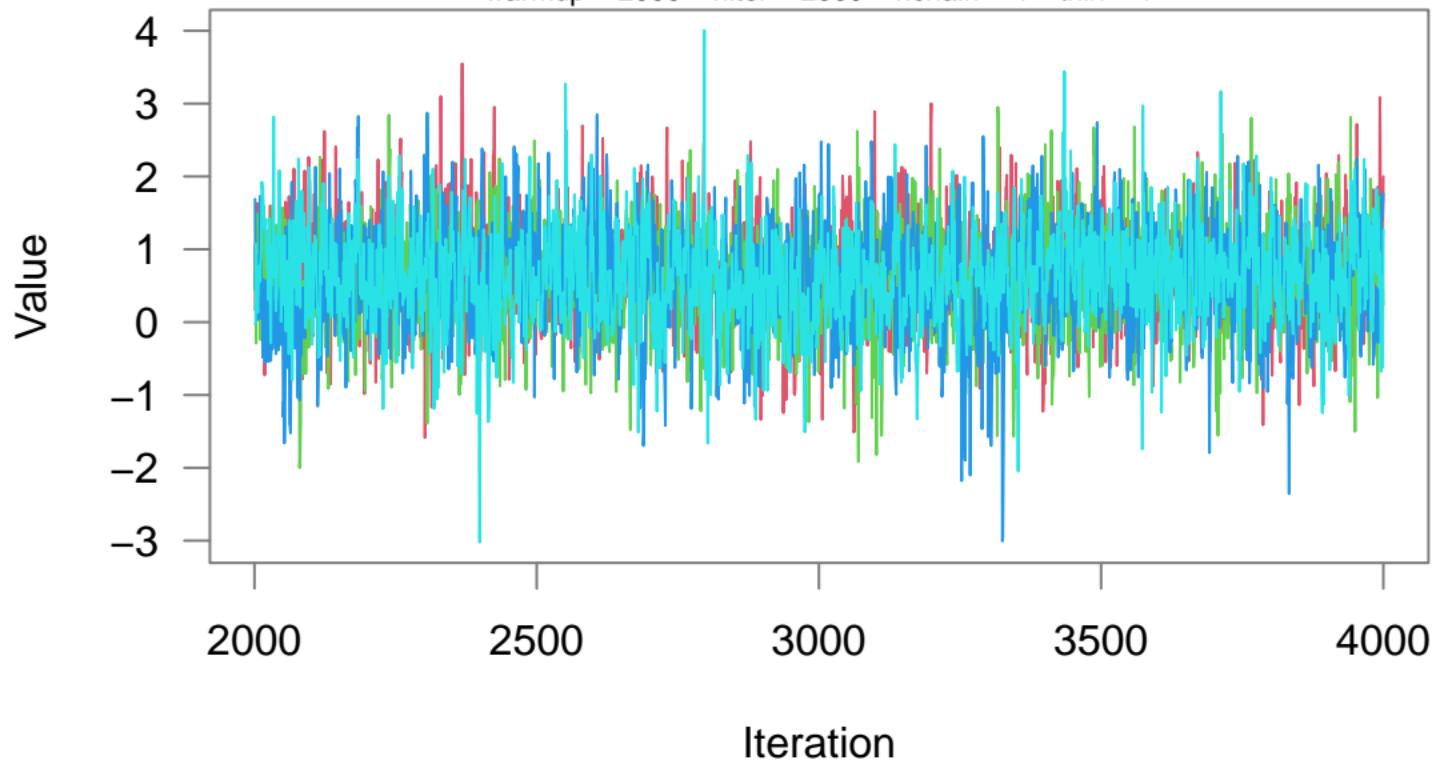
$z_{-1}[1,4]$

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



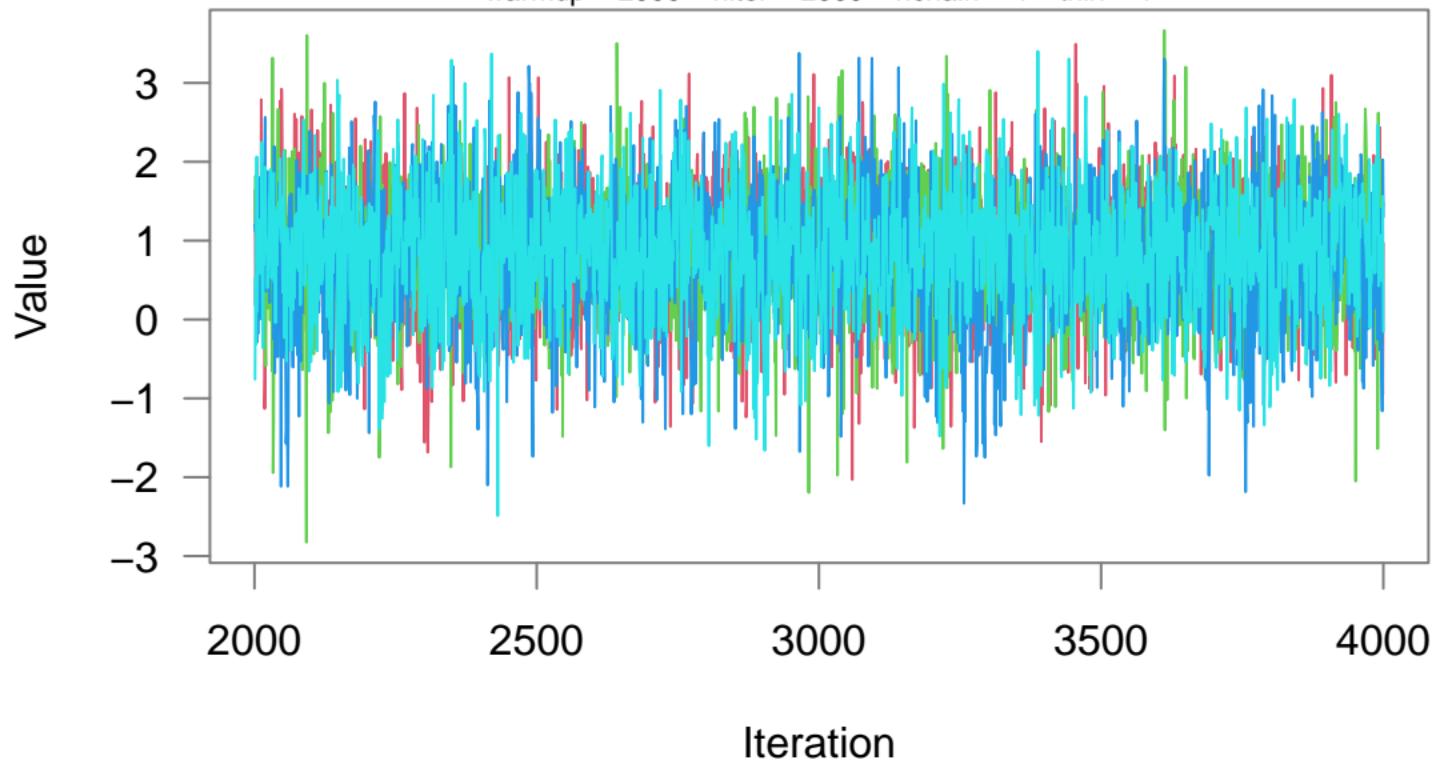
$z_{-1}[1,5]$

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



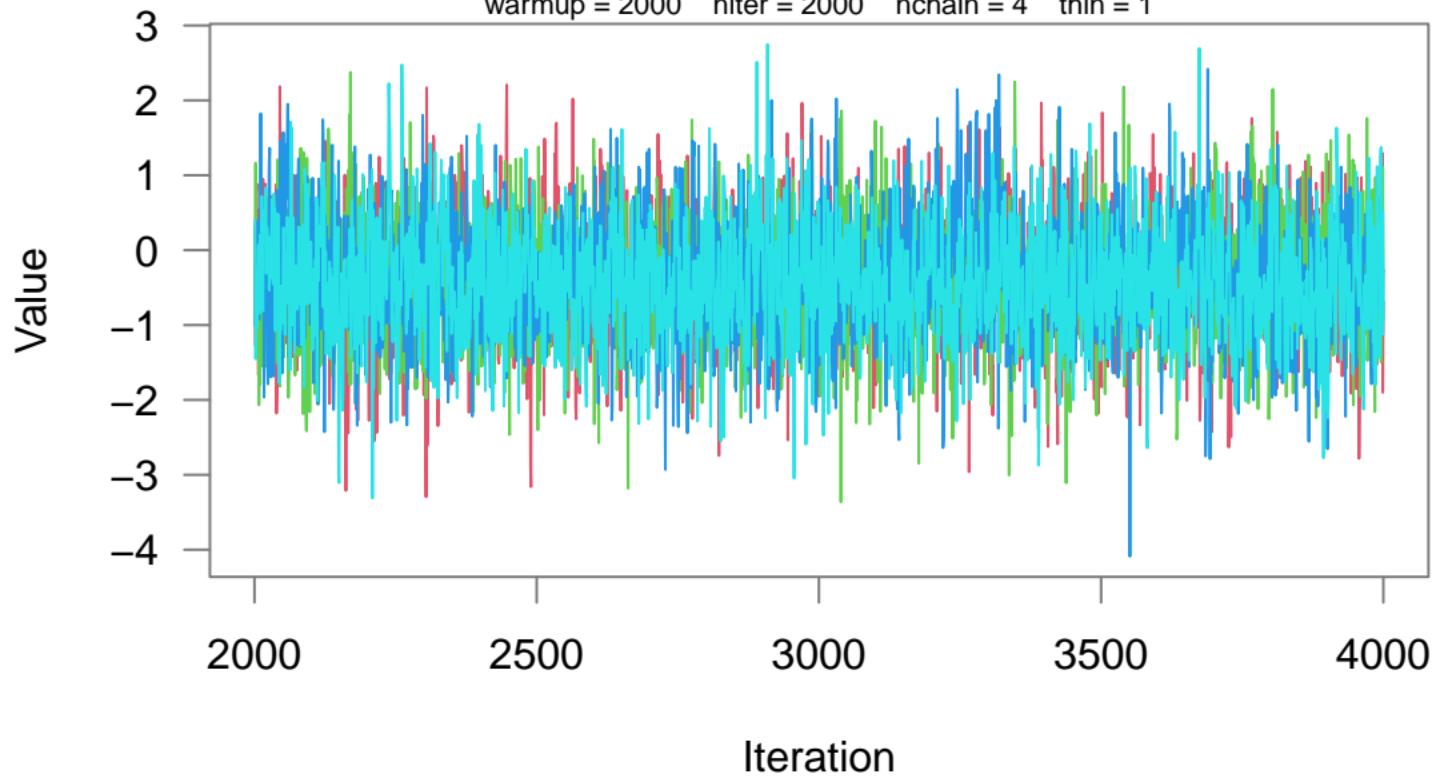
$z_{-1}[1,6]$

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



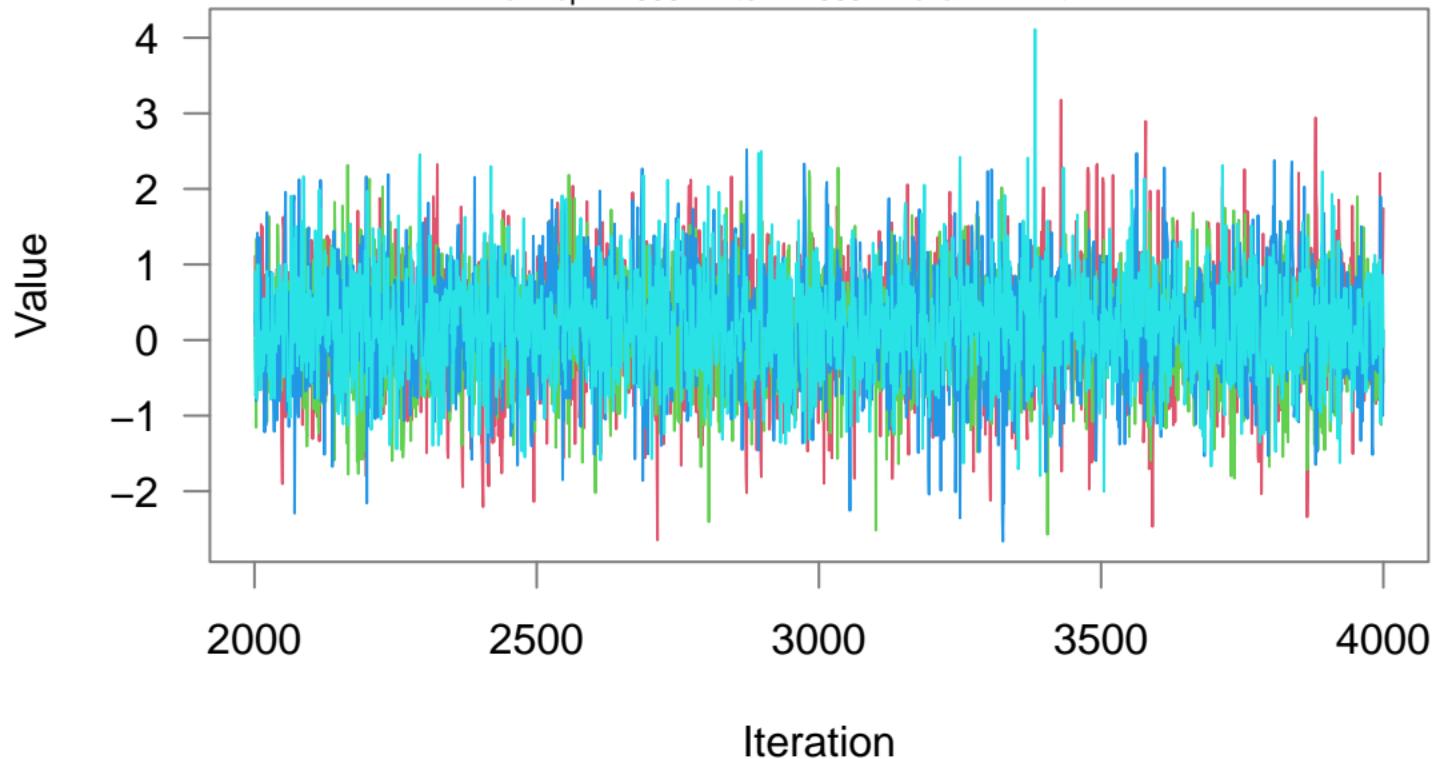
$z_{-1}[1,7]$

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



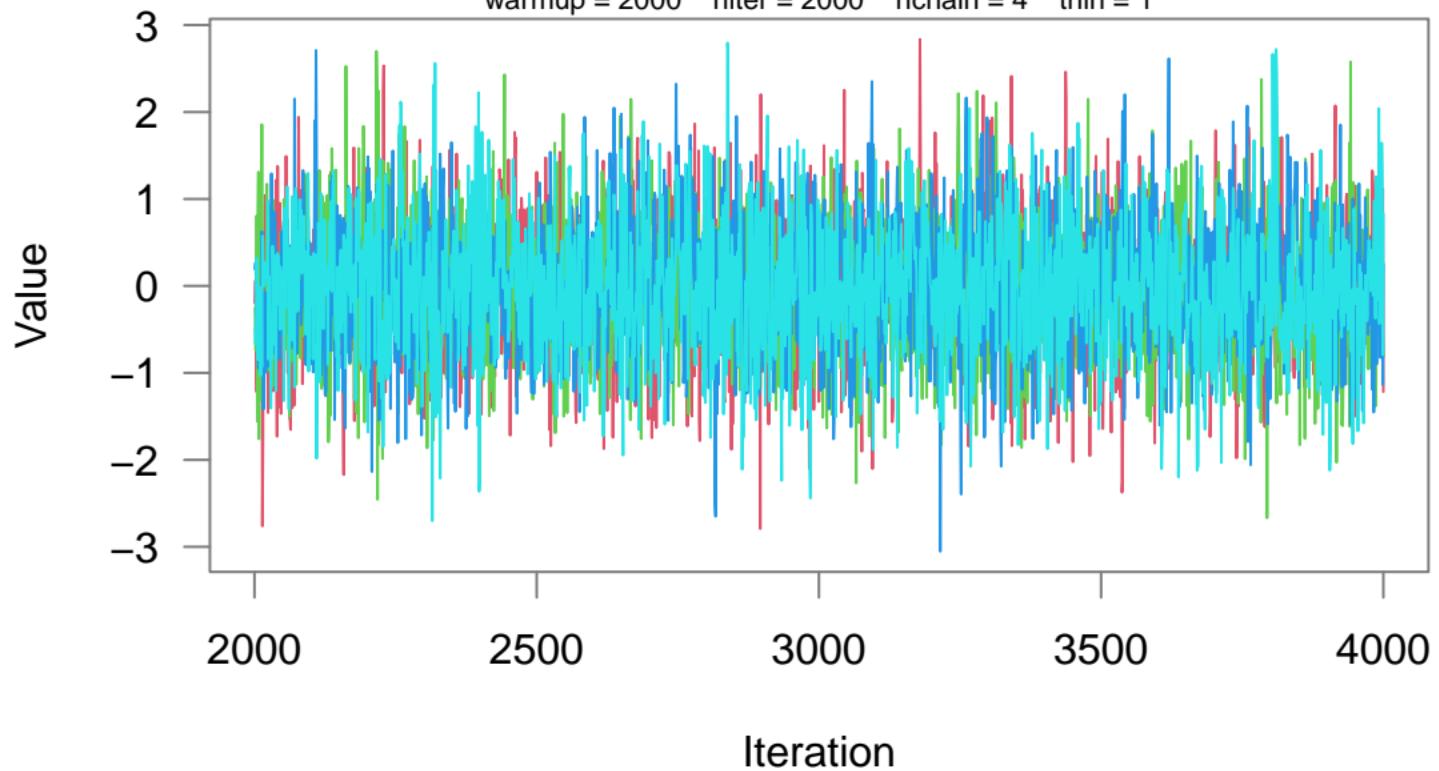
z_1[1,8]

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



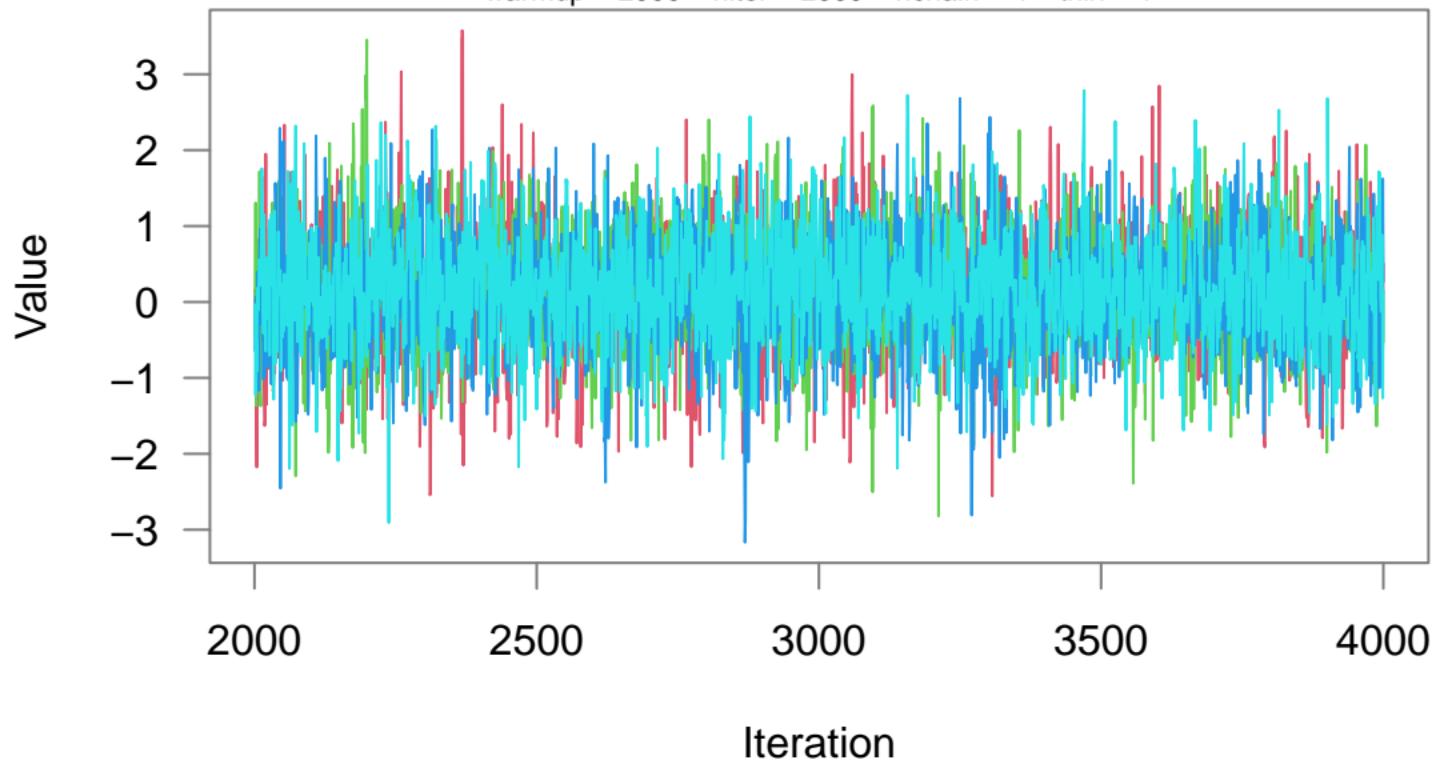
z_1[1,9]

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



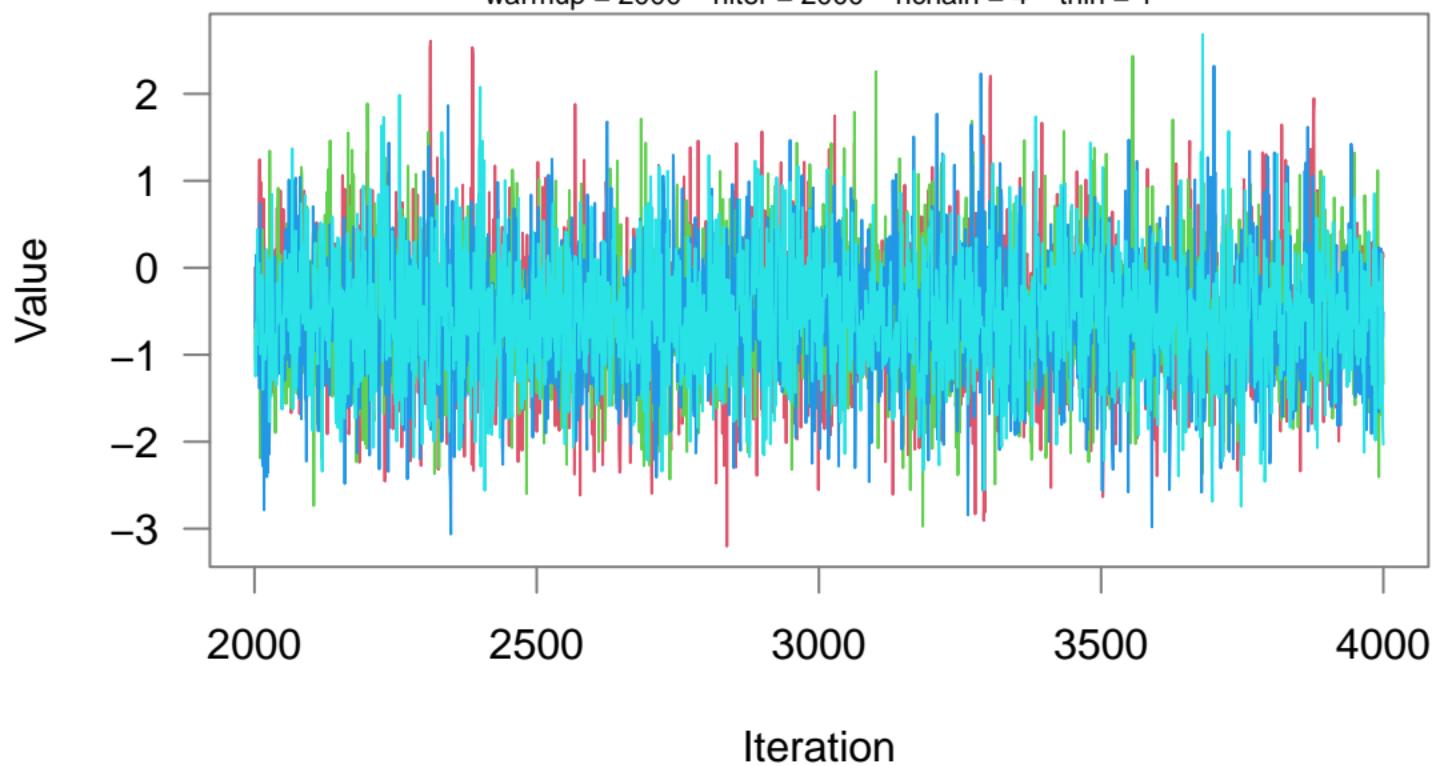
z_1[1,10]

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



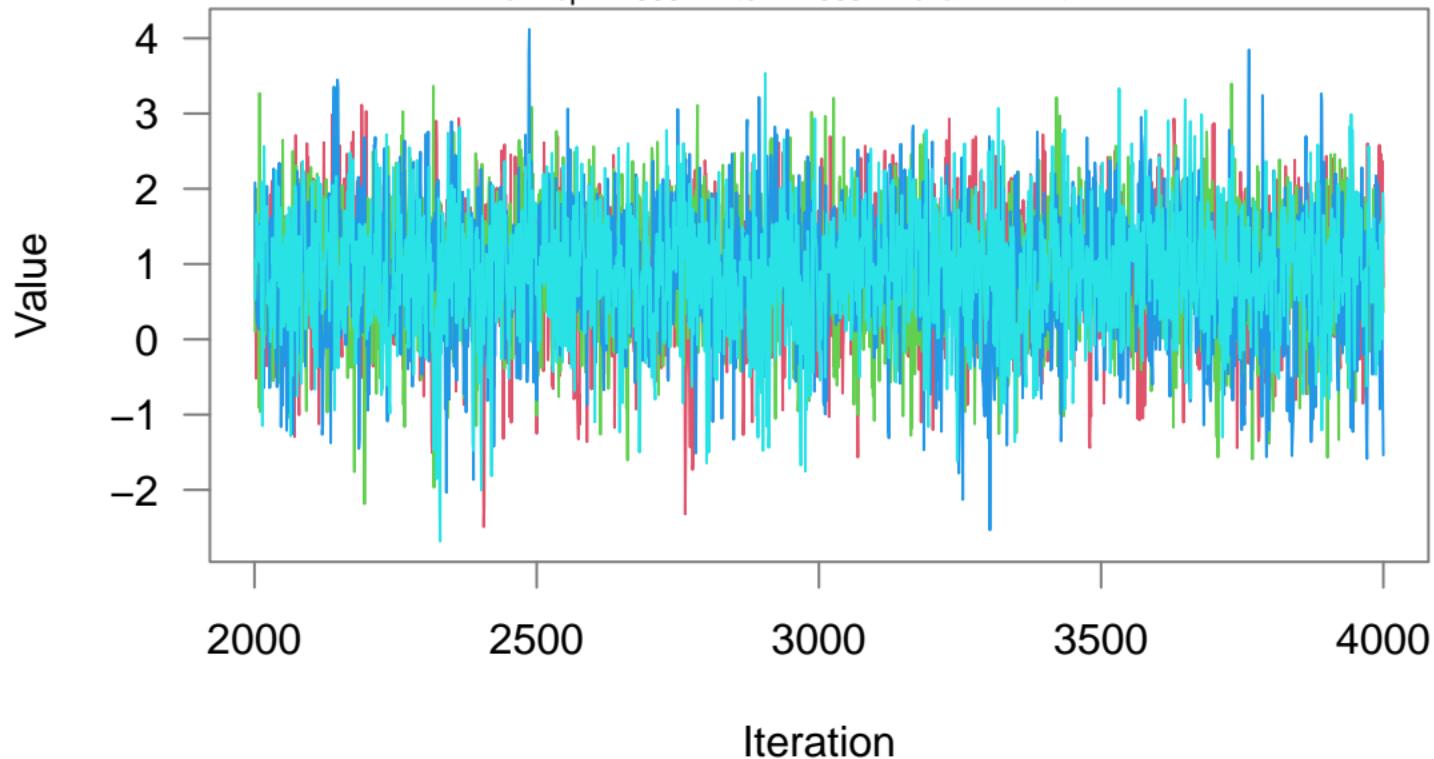
z_1[1,11]

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



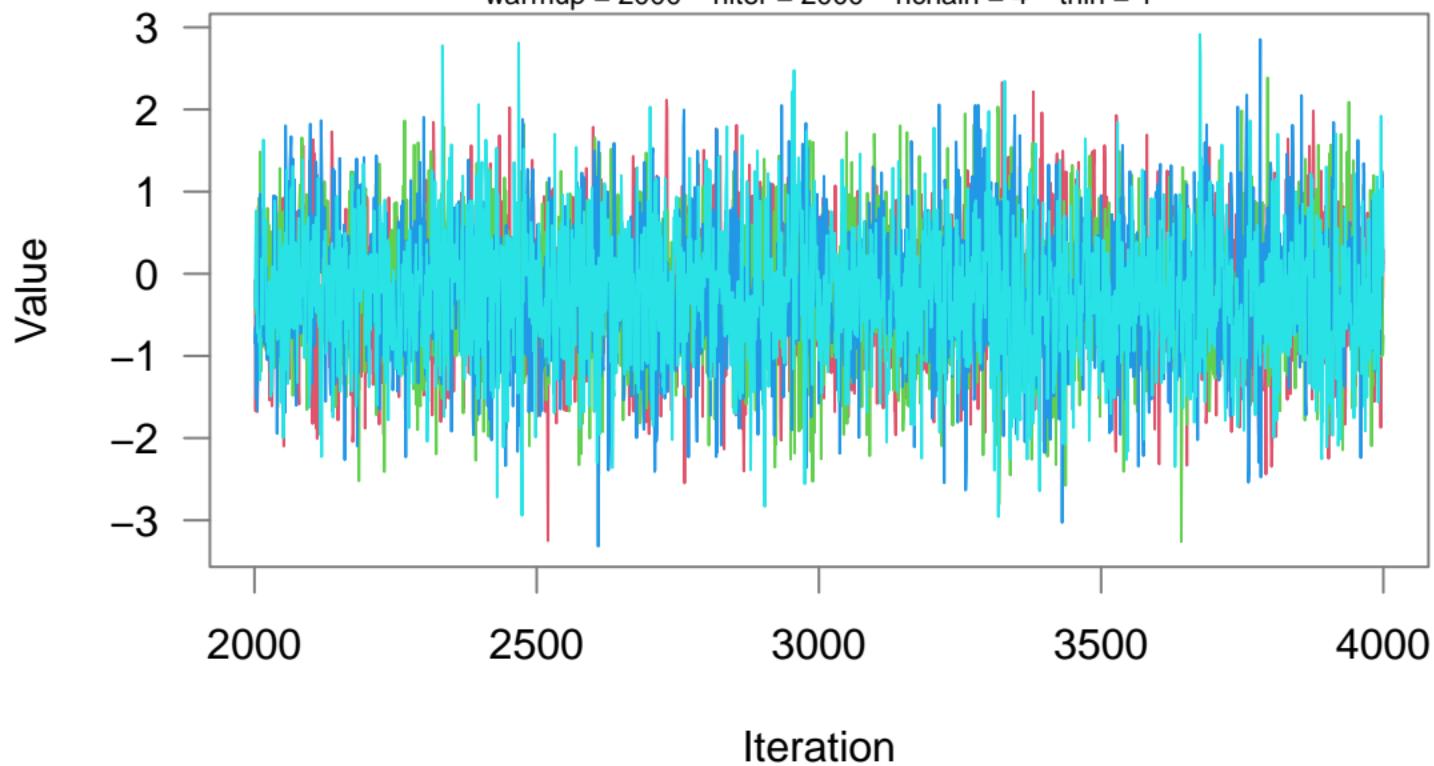
$z_{-1}[1,12]$

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



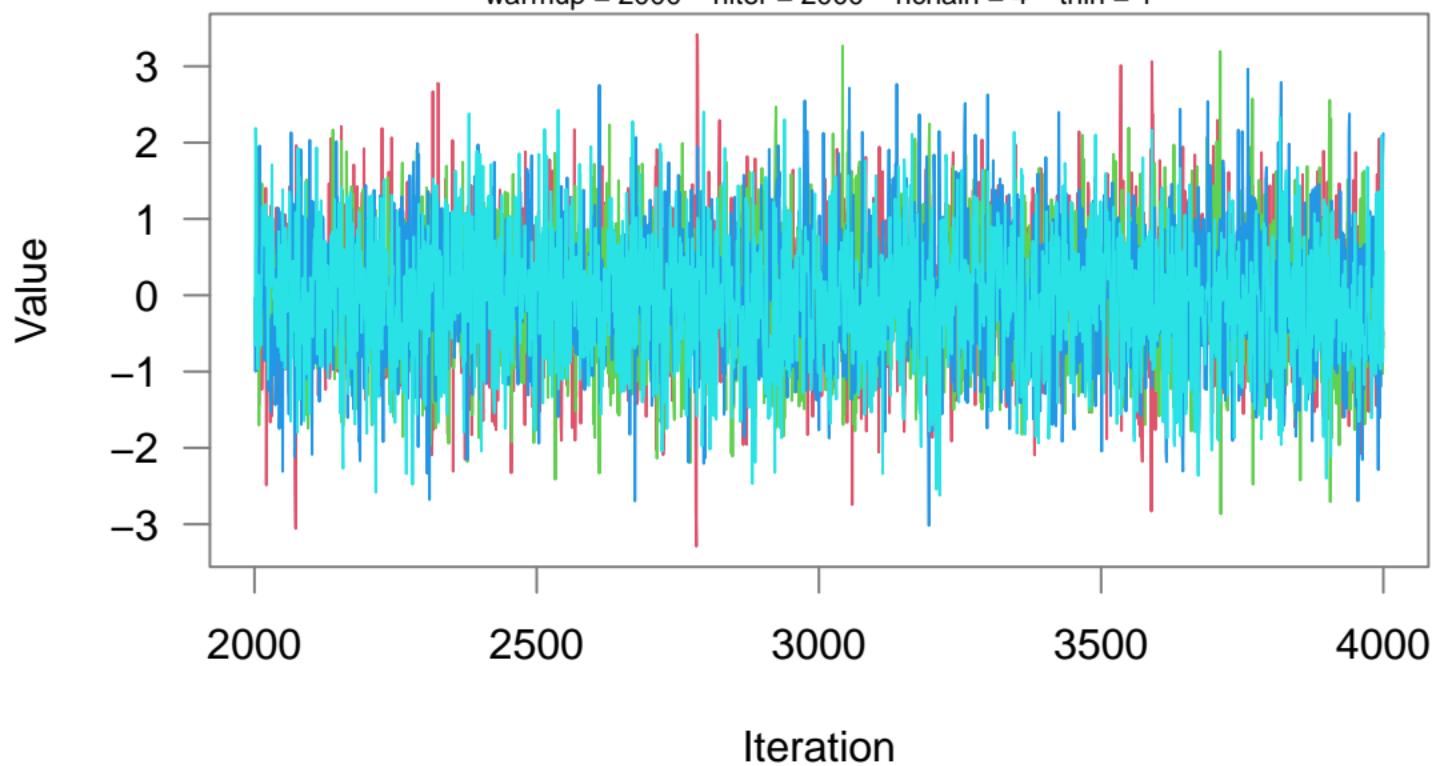
z_1[1,13]

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



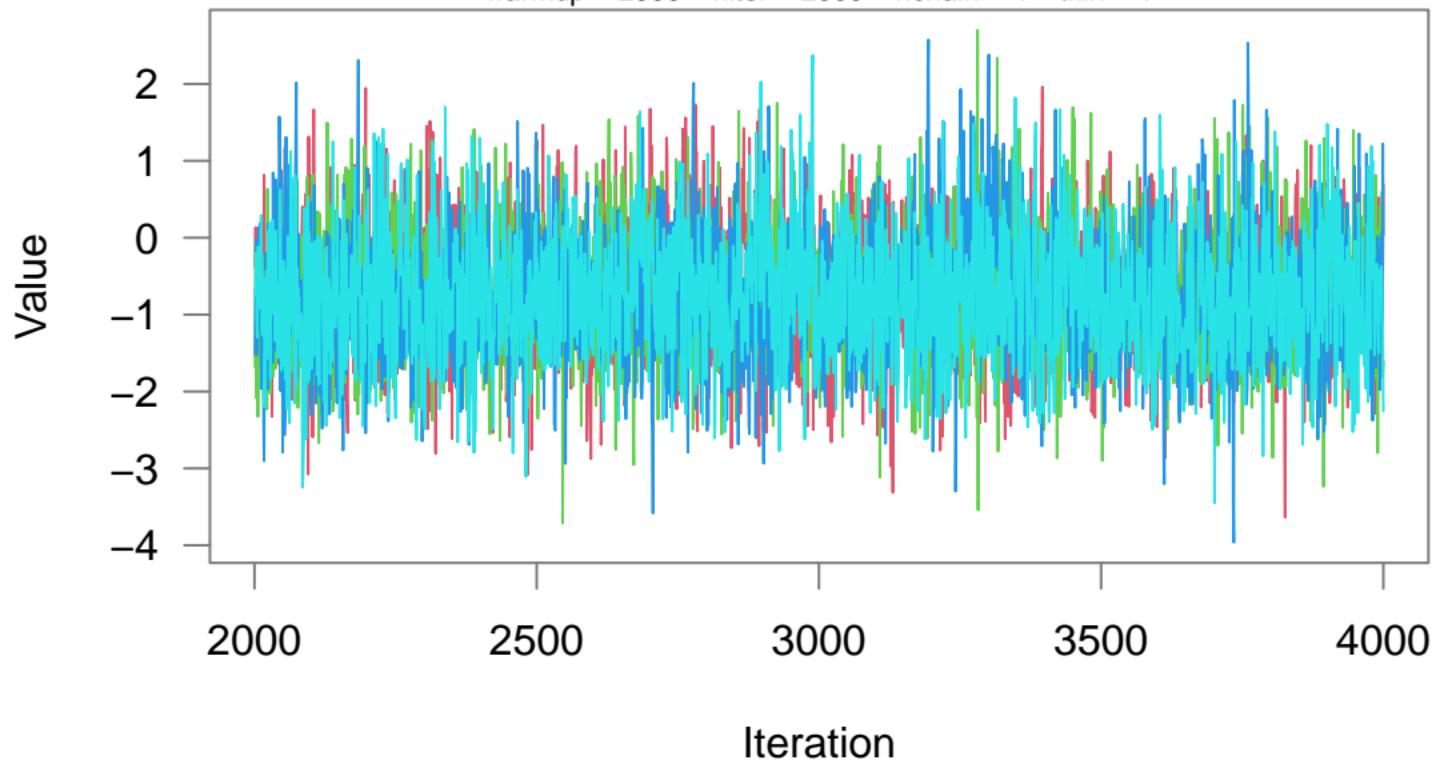
z_1[1,14]

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



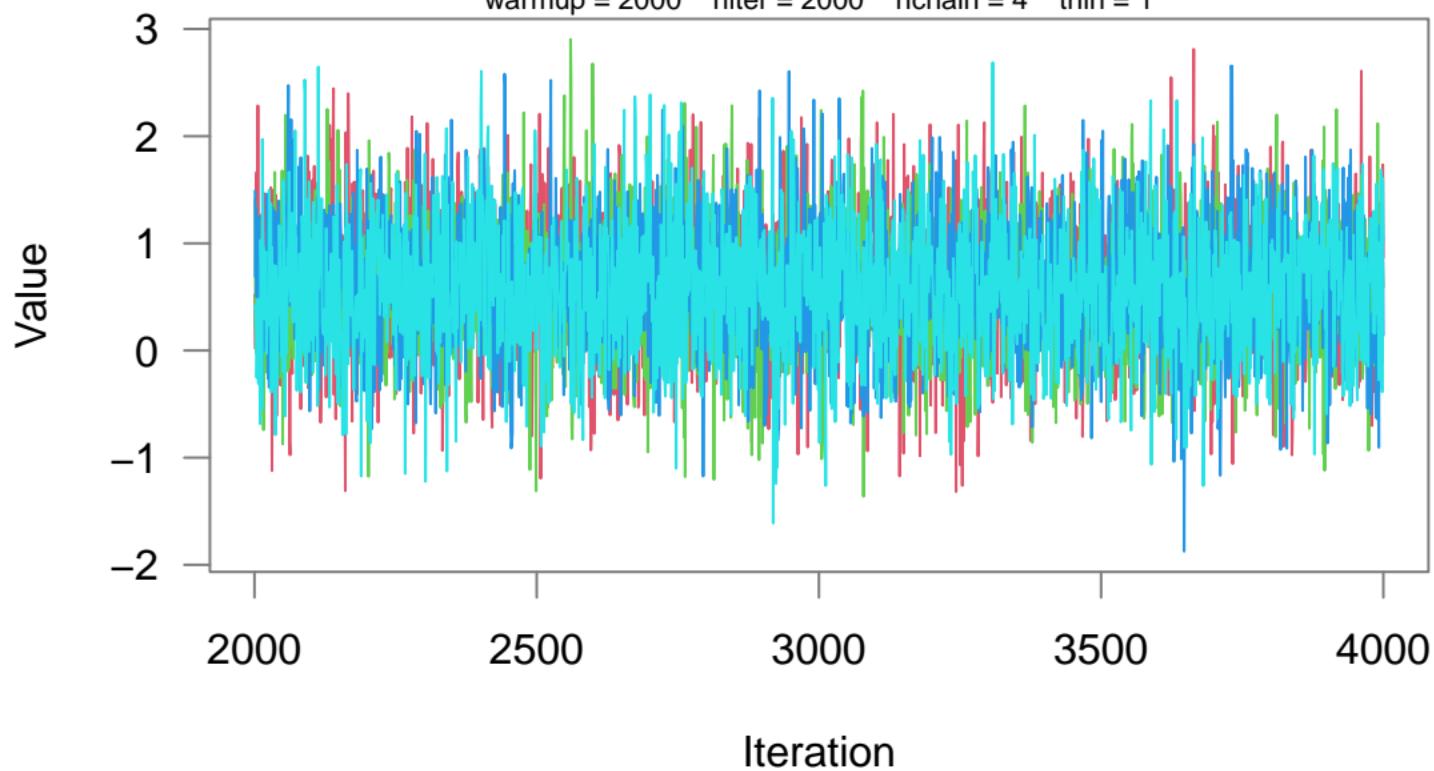
z_1[1,15]

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



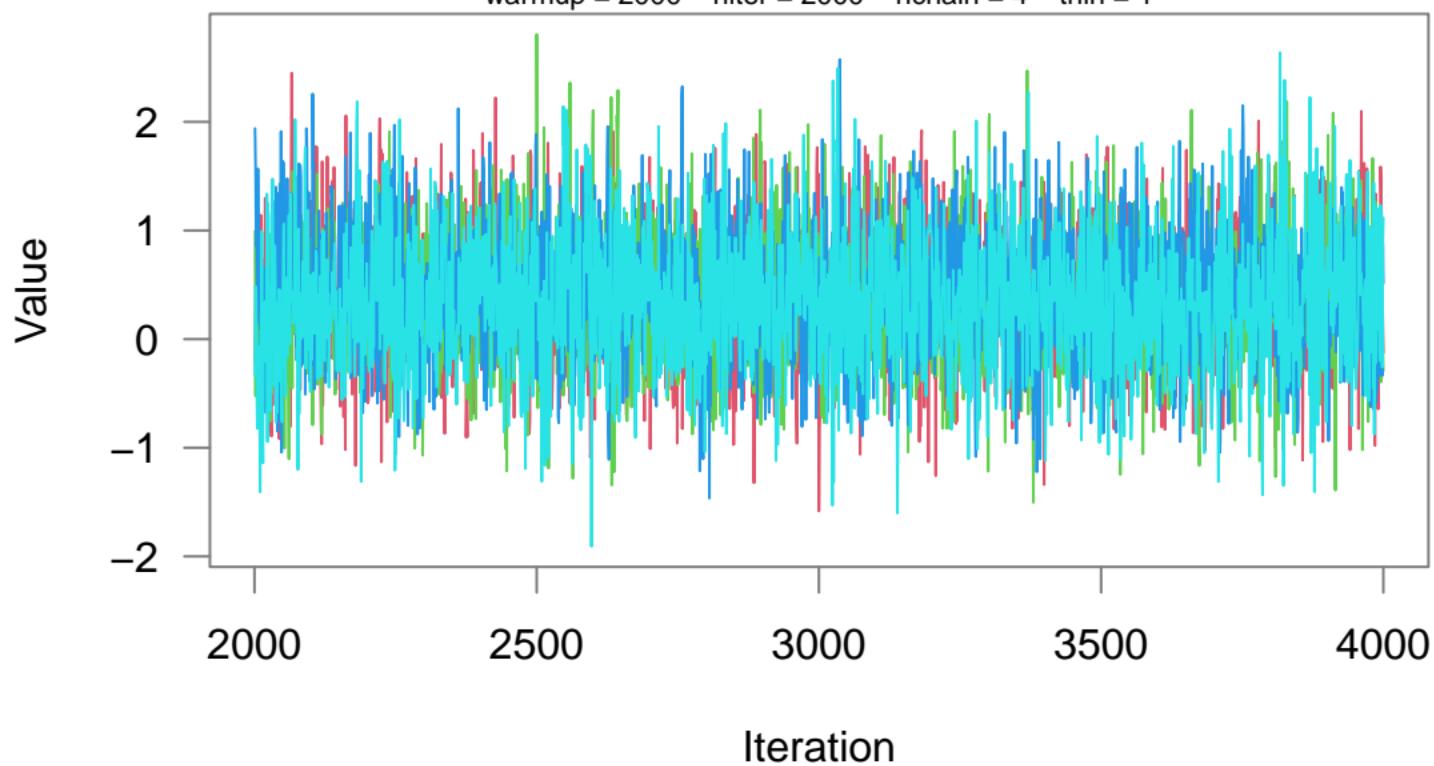
$z_{-2[1,1]}$

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



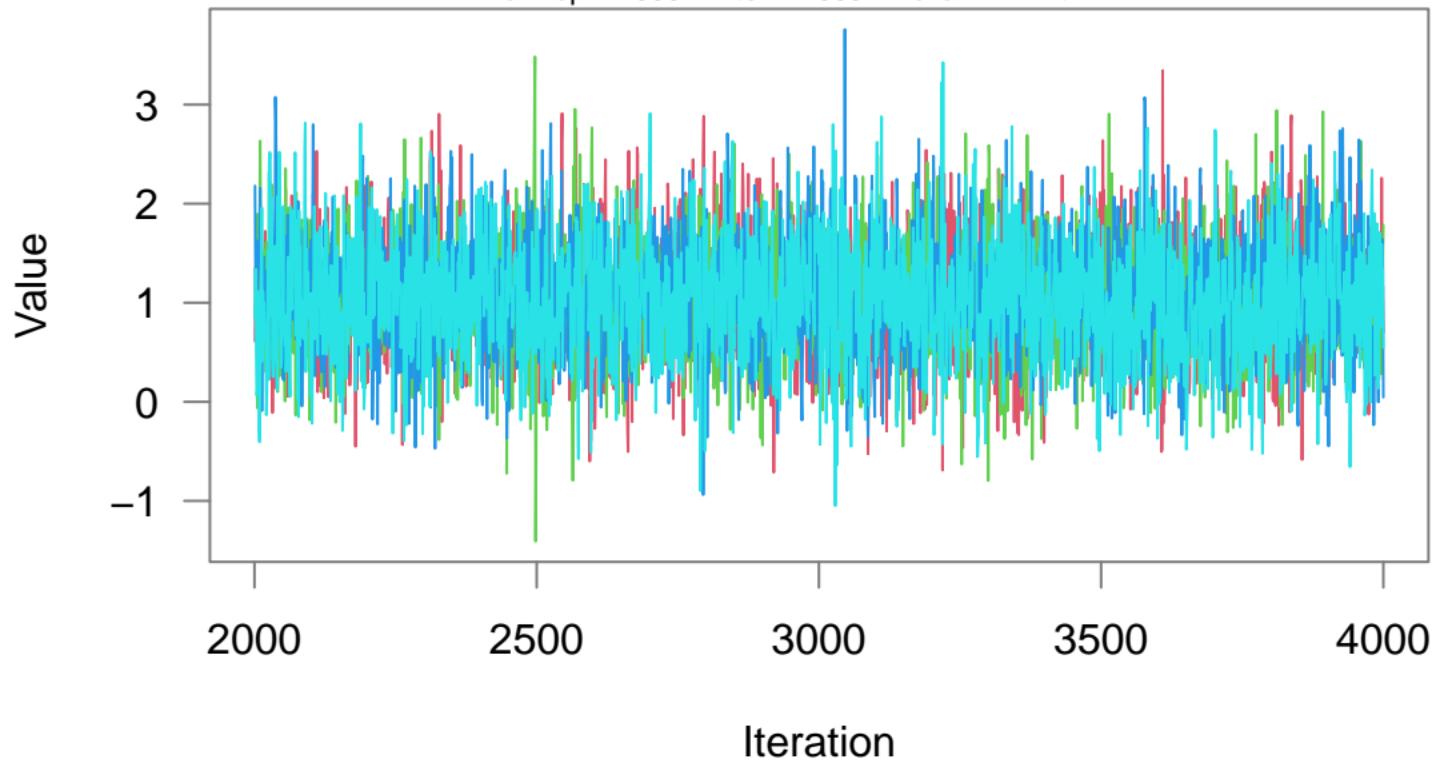
$z_{-2[1,2]}$

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



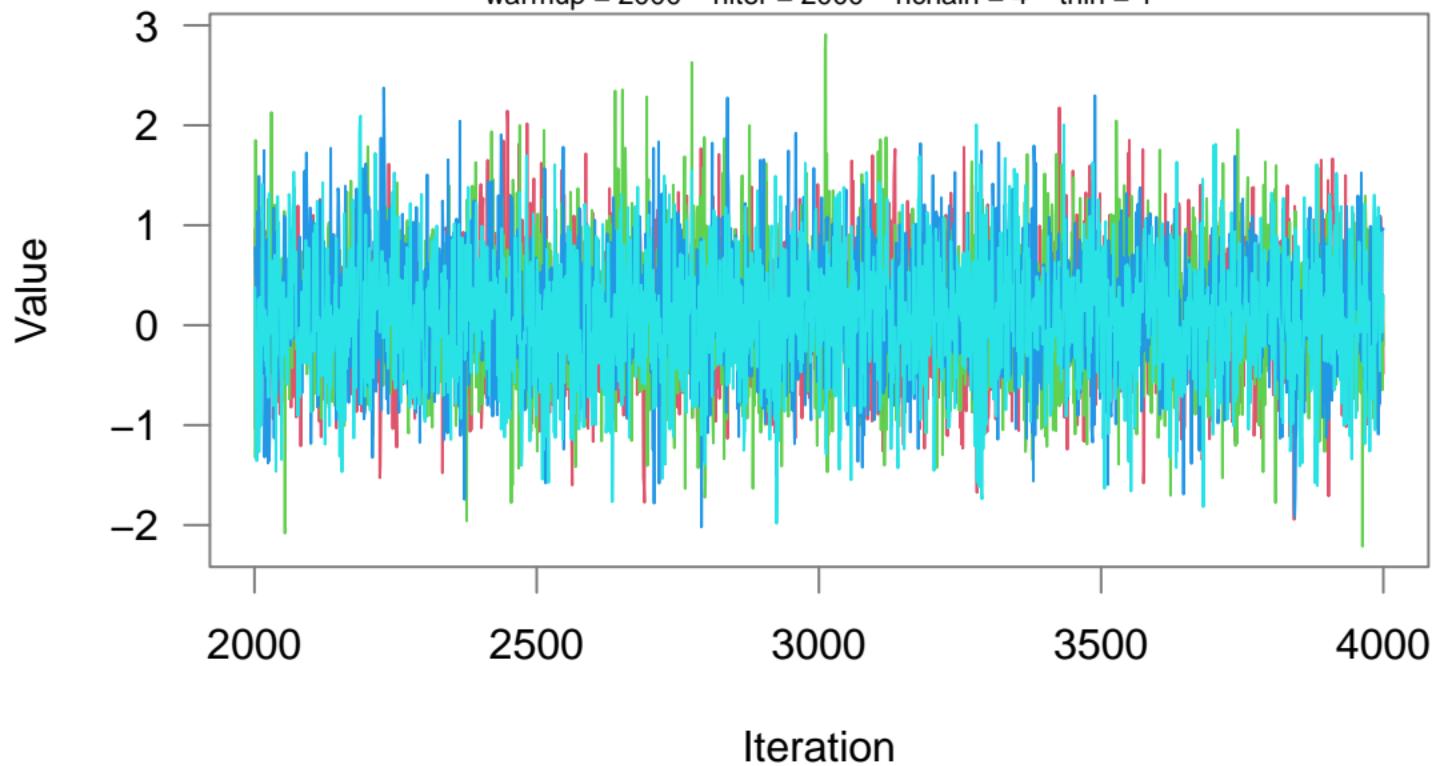
z_2[1,3]

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



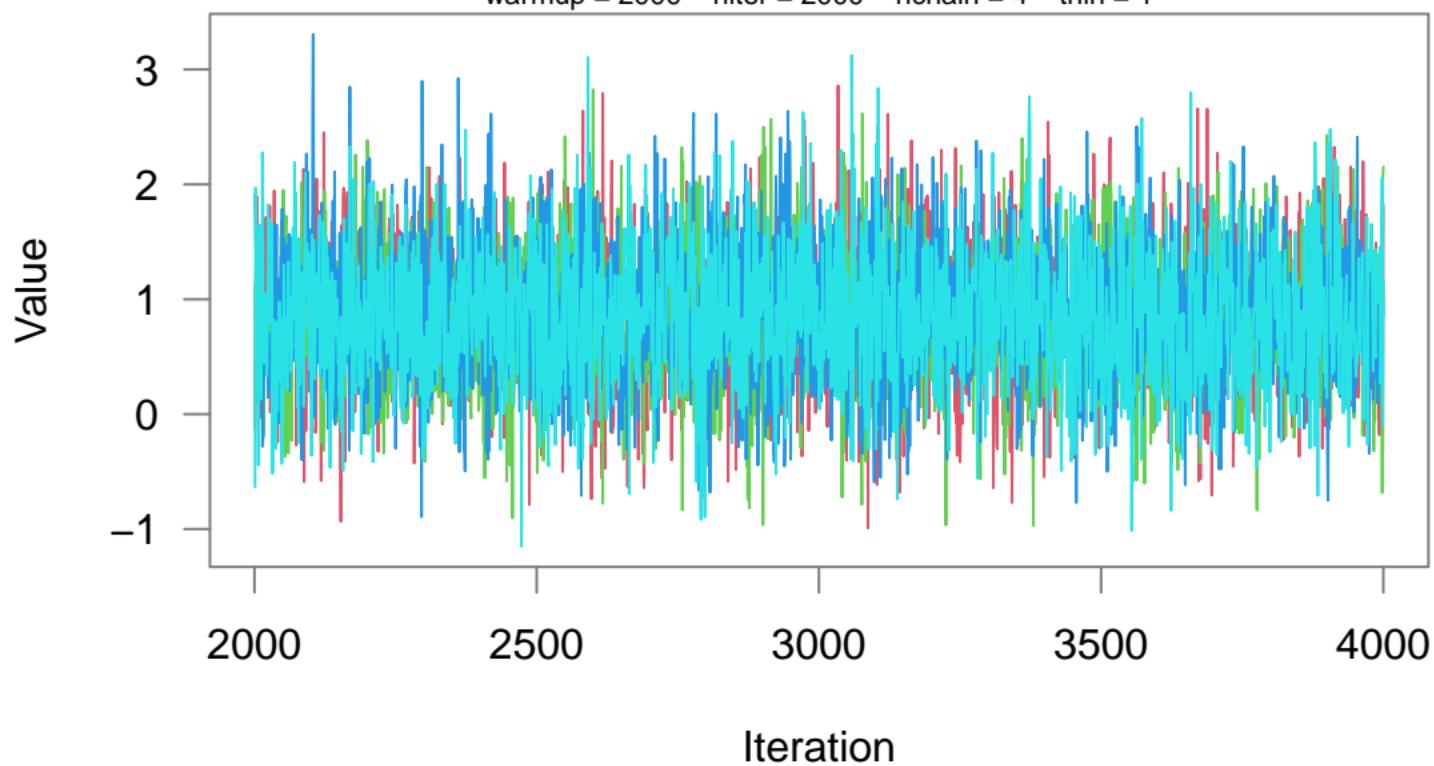
z_2[1,4]

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



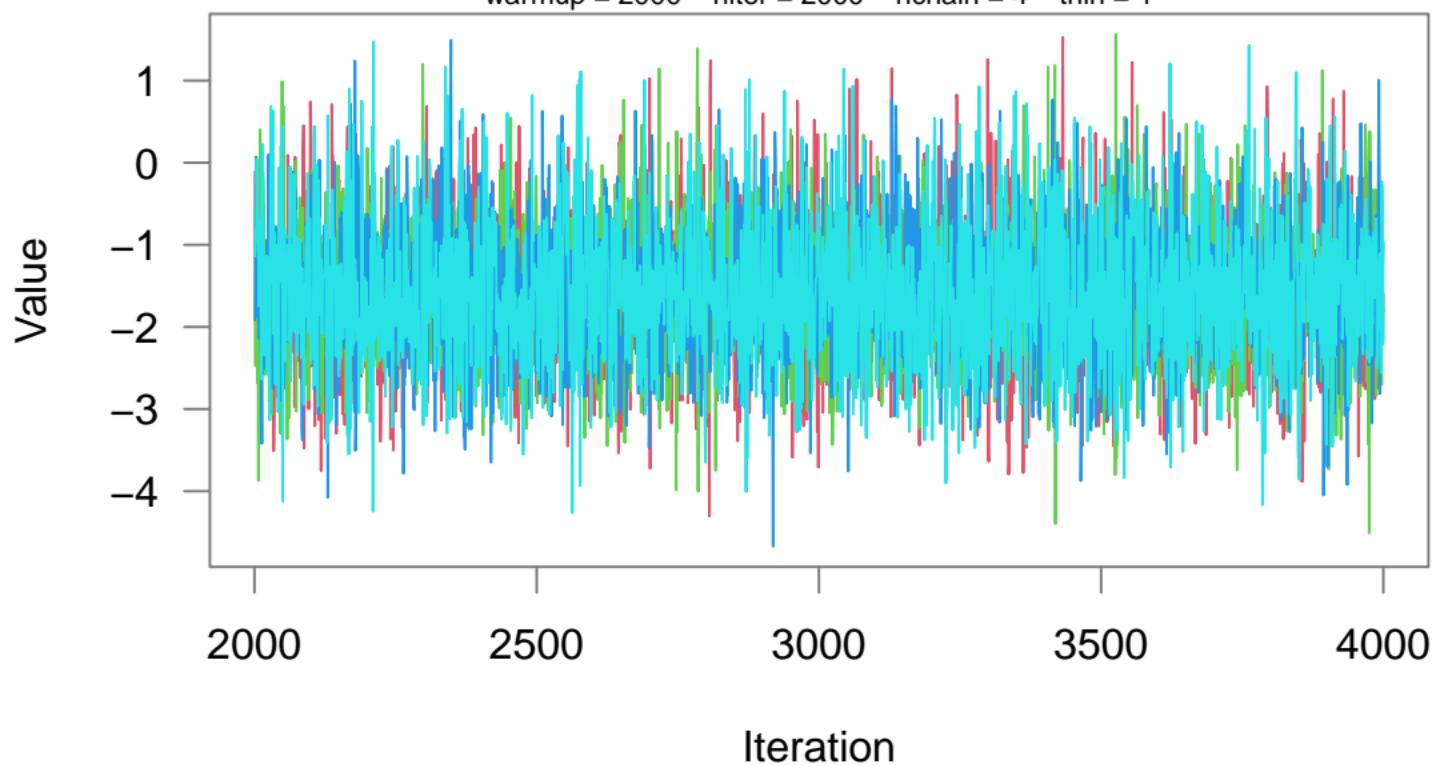
z_2[1,5]

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



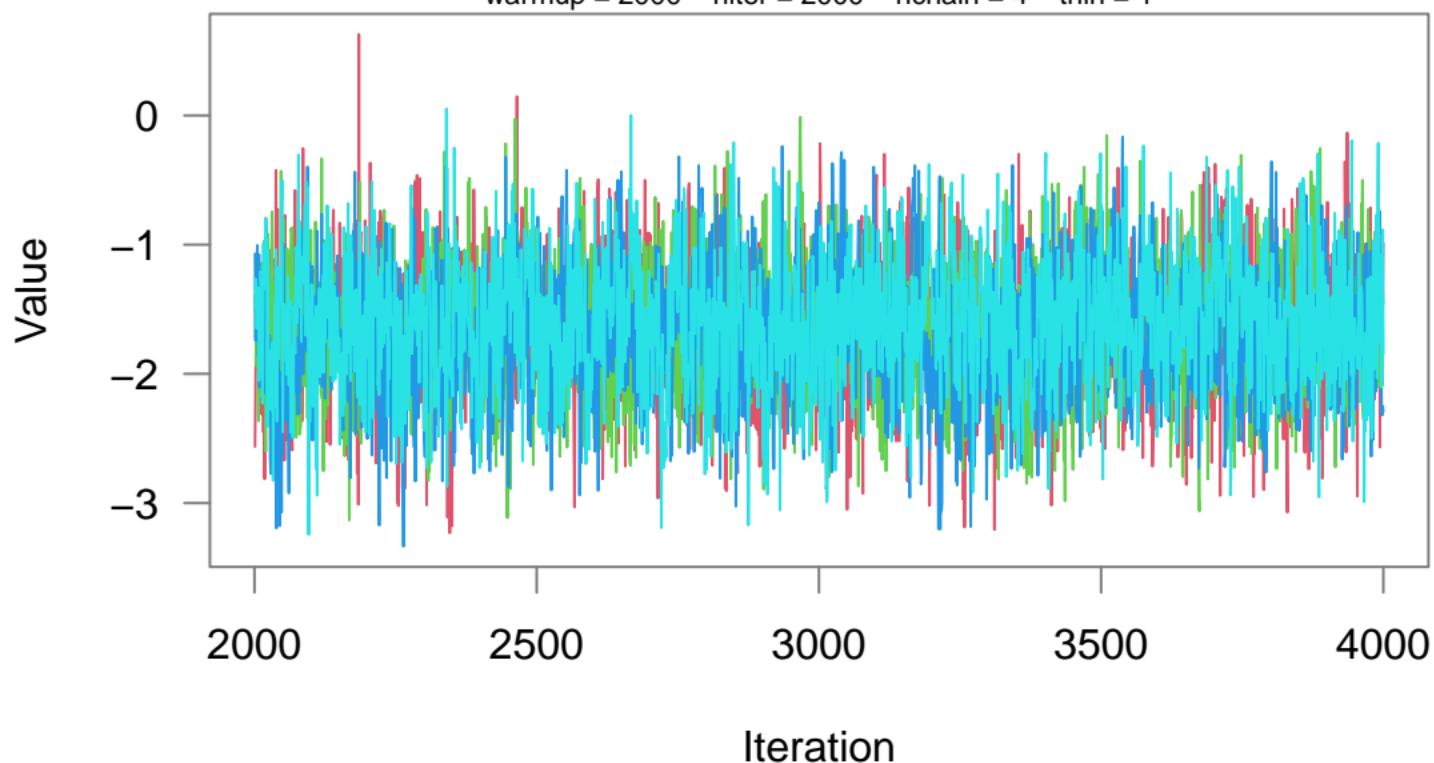
z_2[1,6]

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

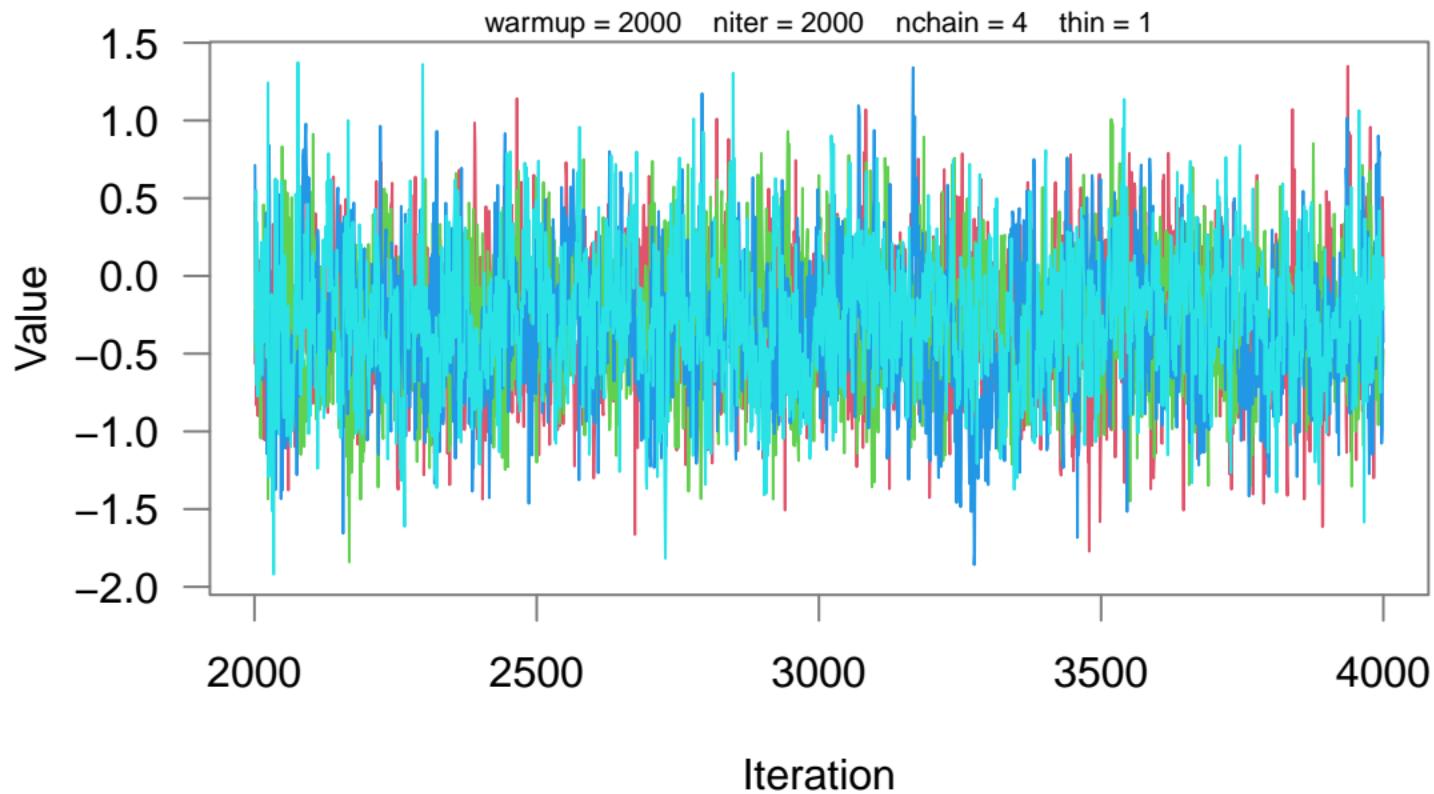


z_2[1,7]

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

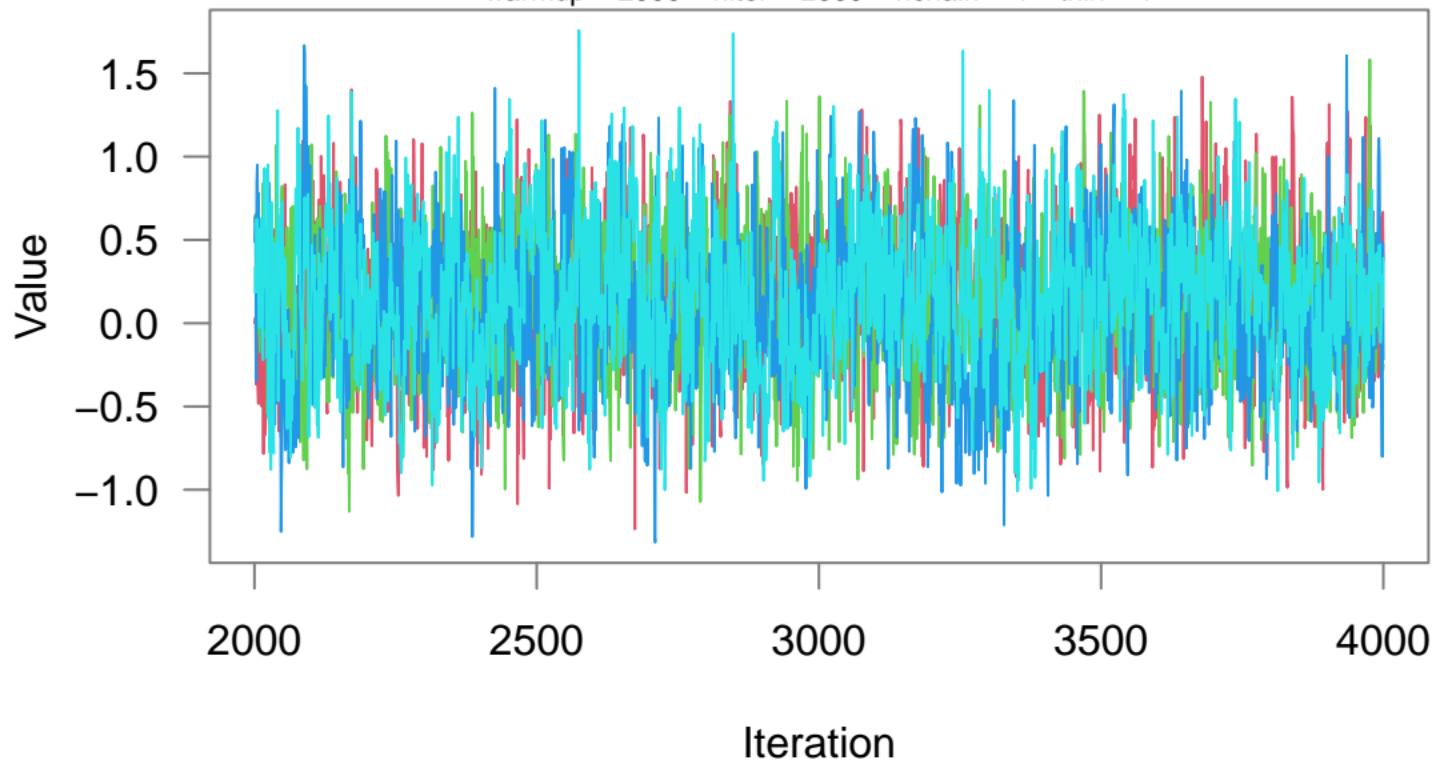


z_2[1,8]



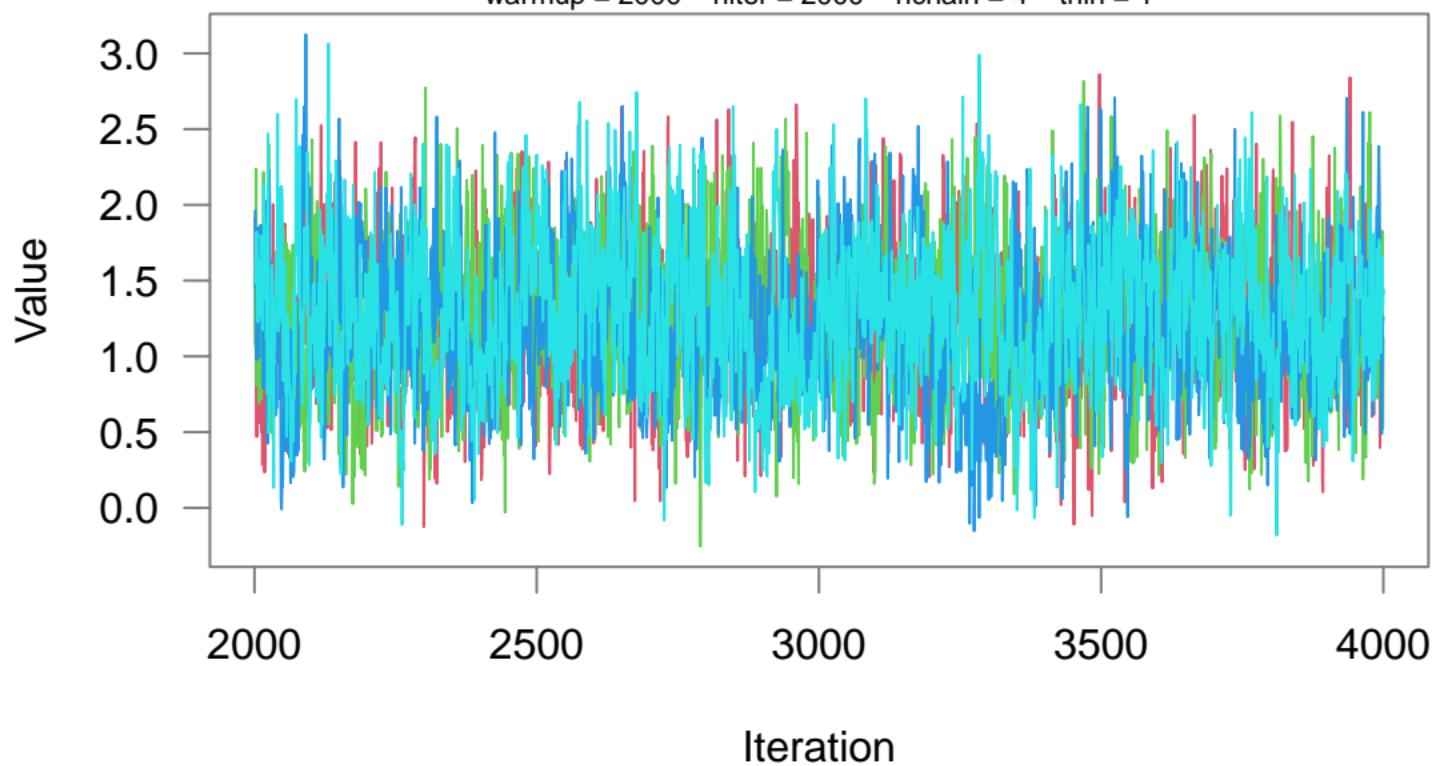
z_2[1,9]

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



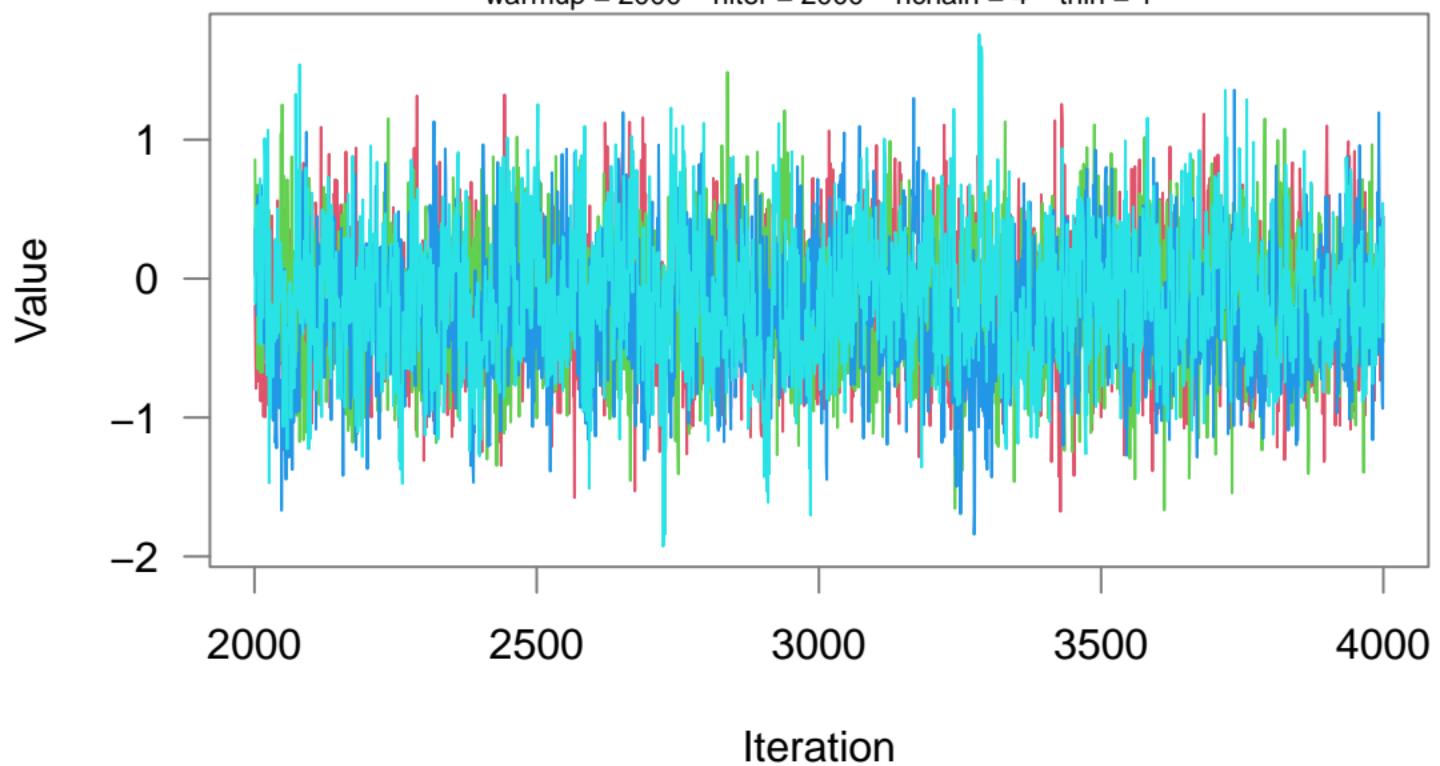
z_2[1,10]

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



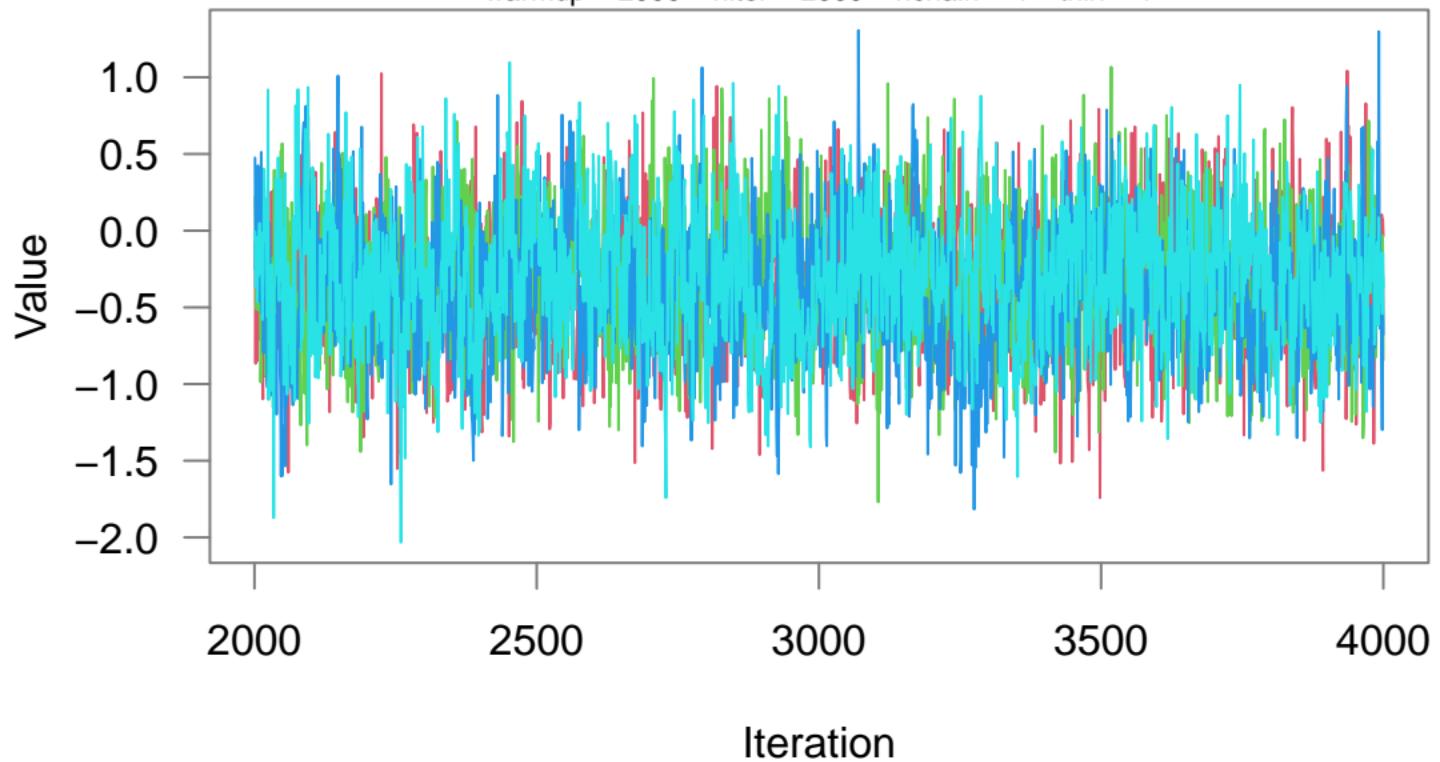
$z_{-2}[1,11]$

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



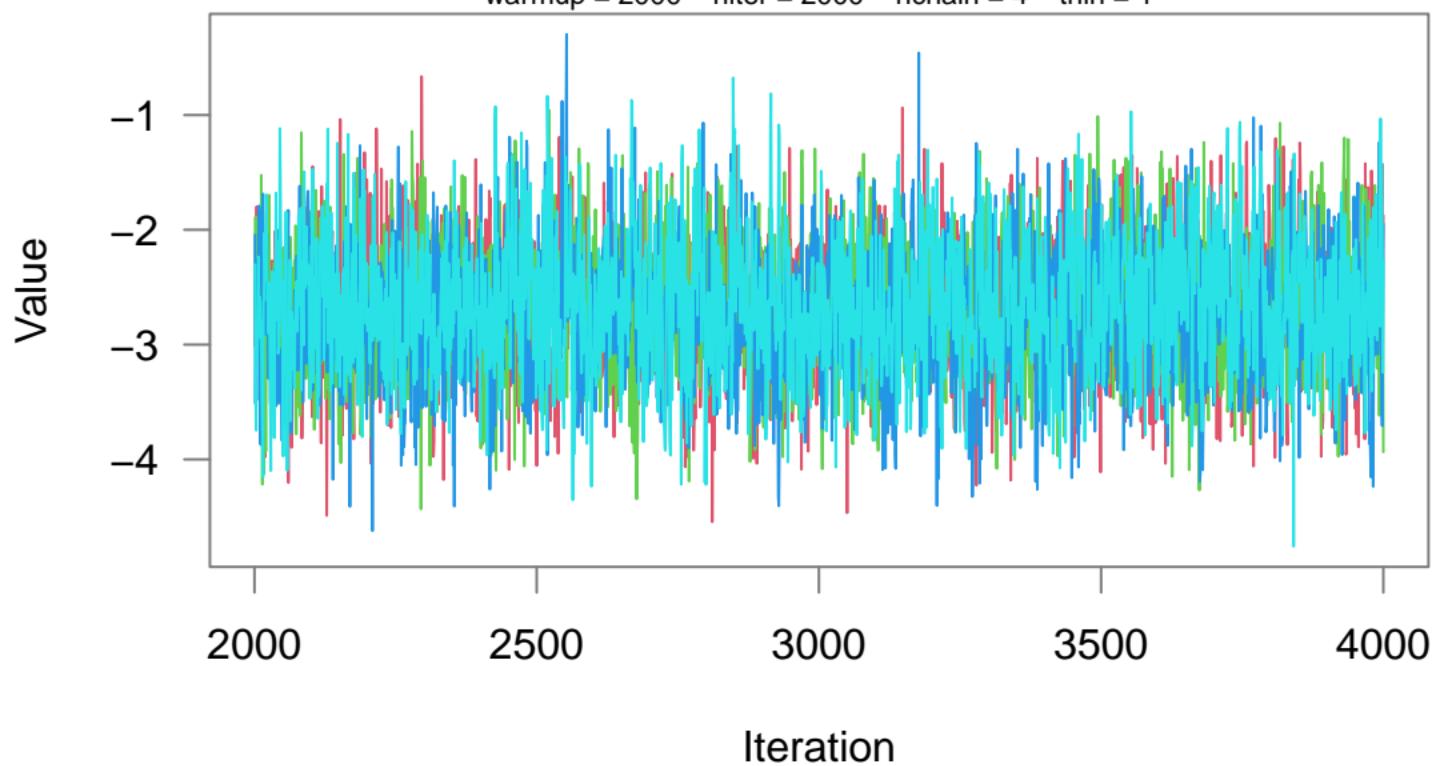
$z_{-2}[1,12]$

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



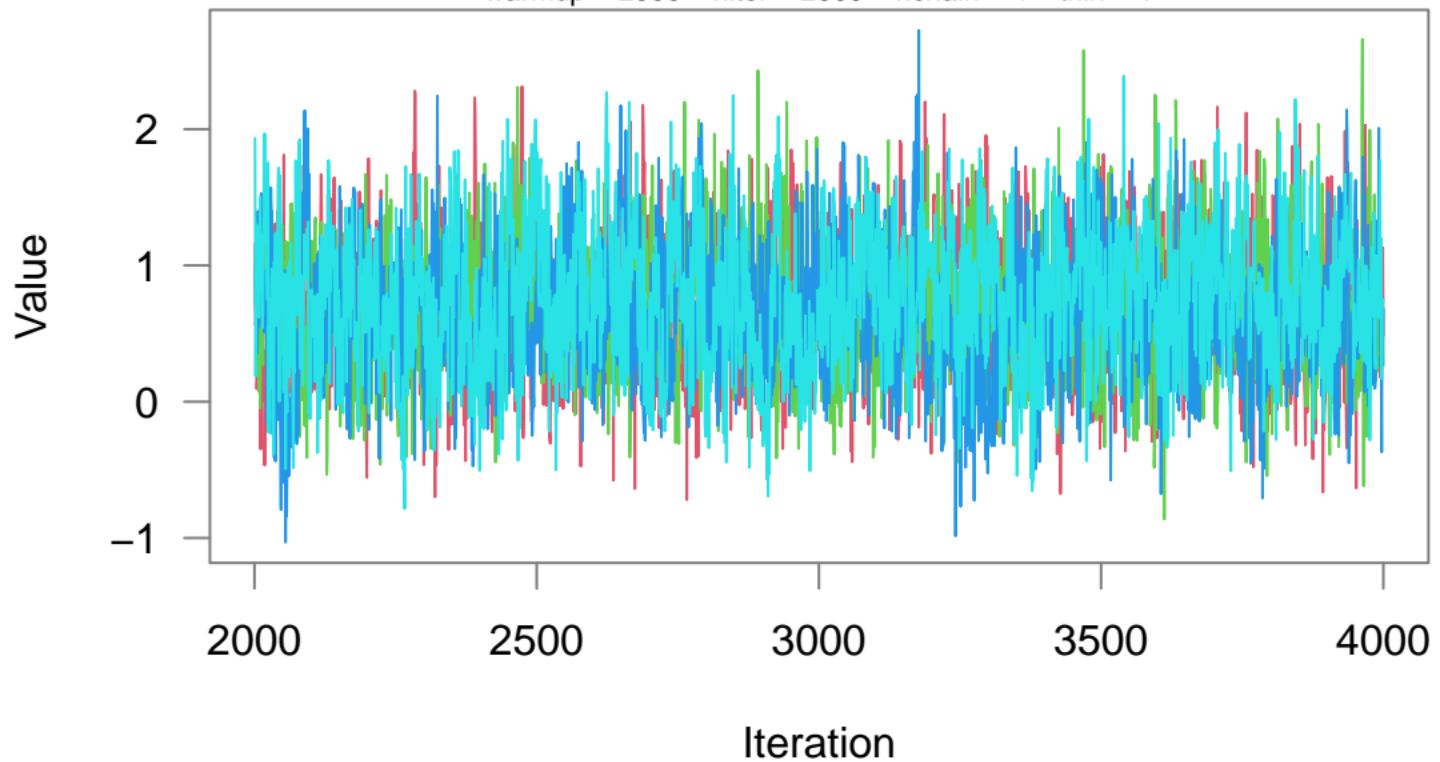
z_2[1,13]

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



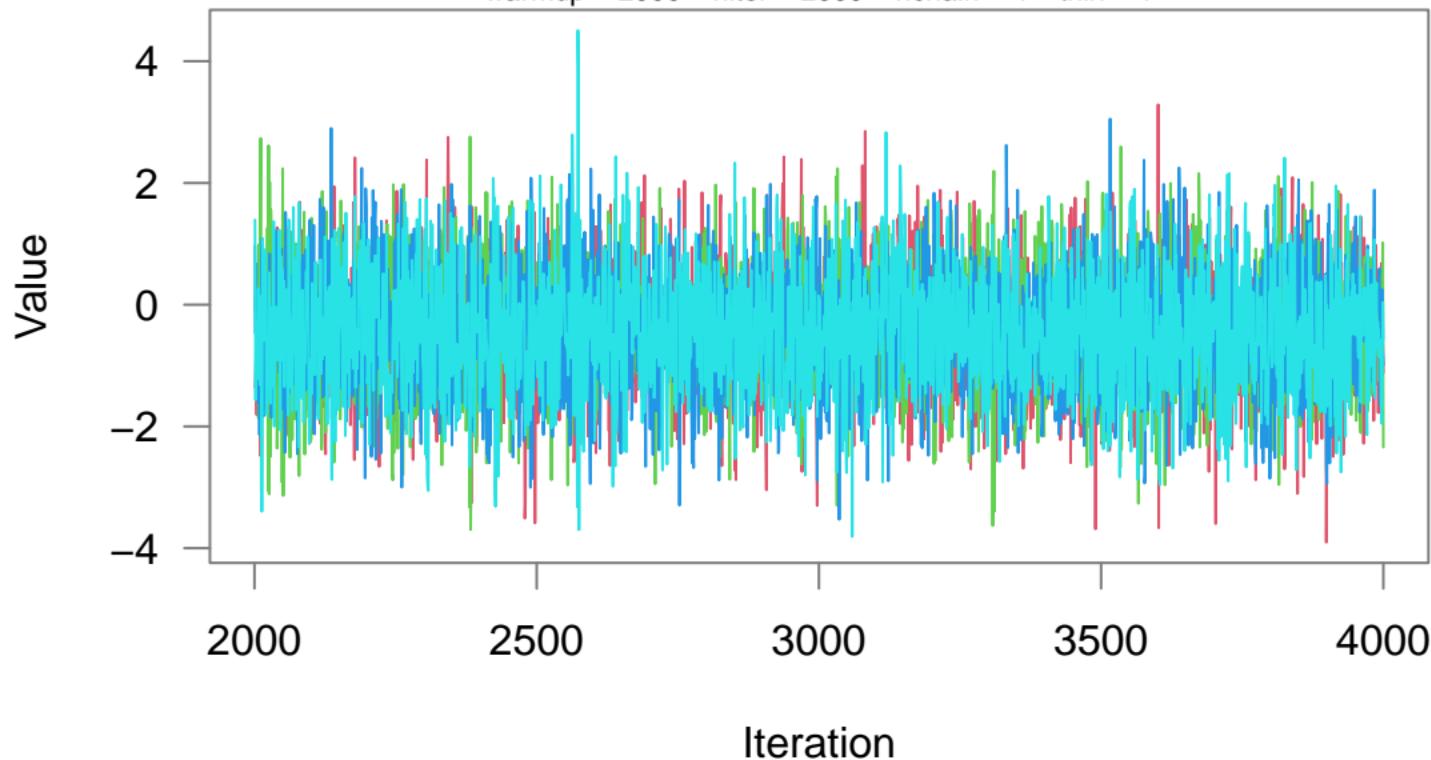
z_2[1,14]

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

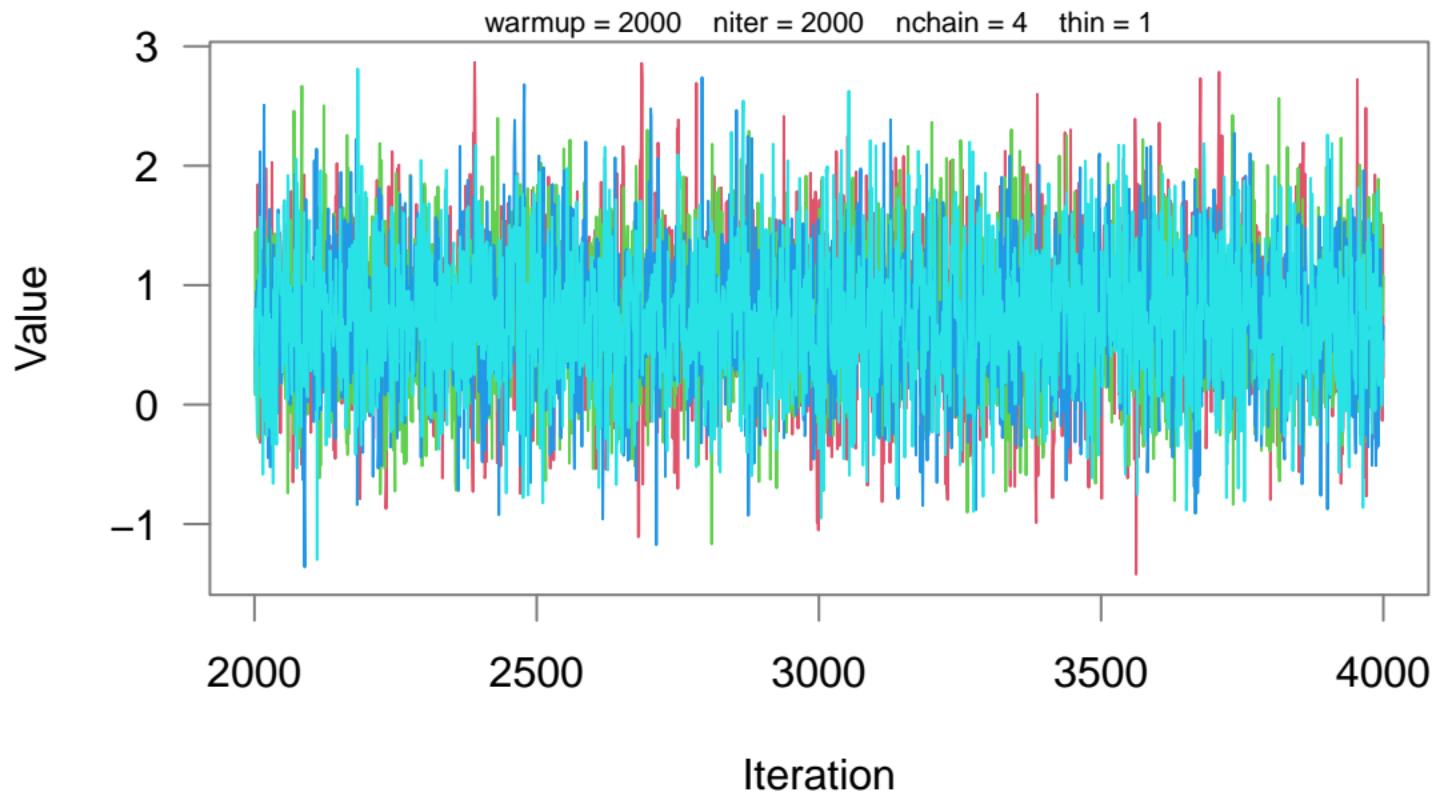


z_2[1,15]

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

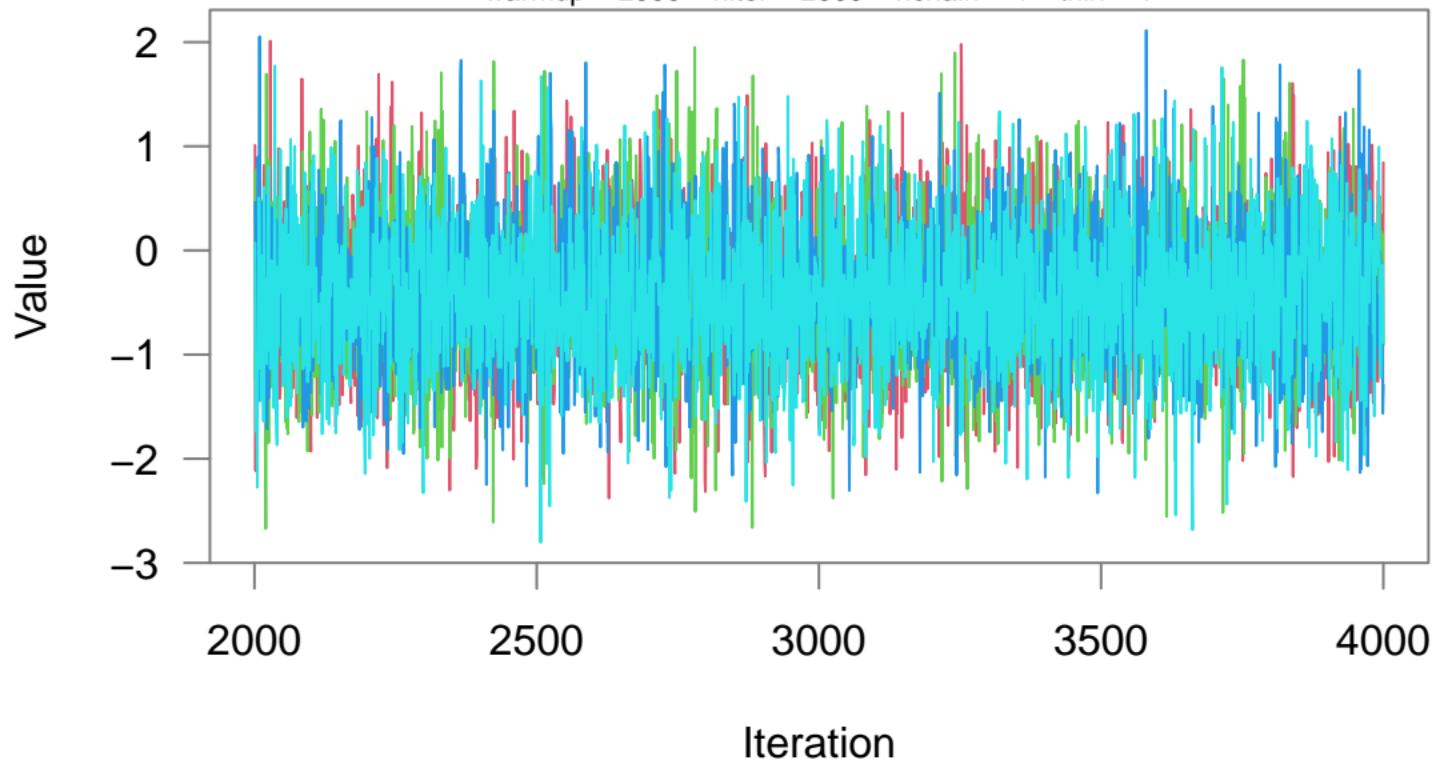


z_2[1,16]



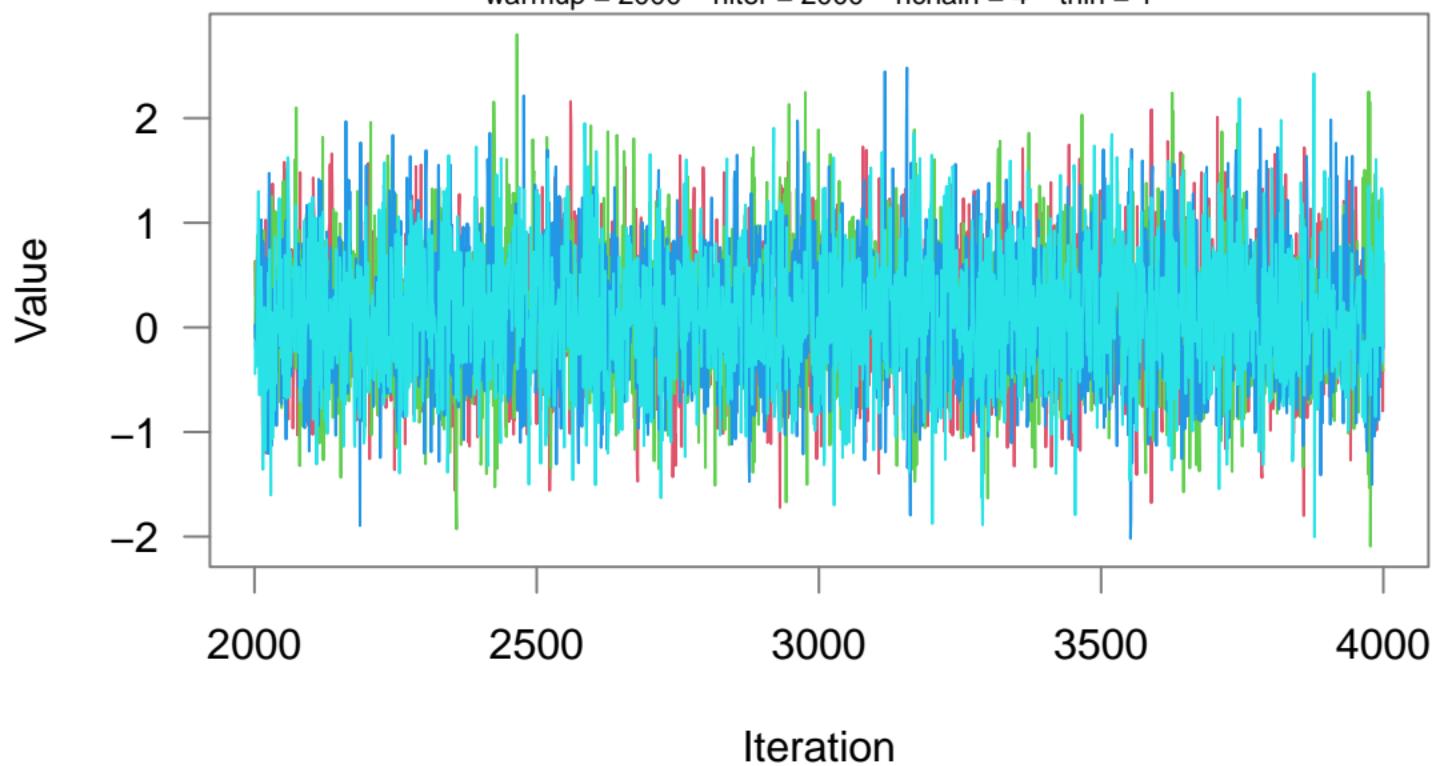
$z_2[1,17]$

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



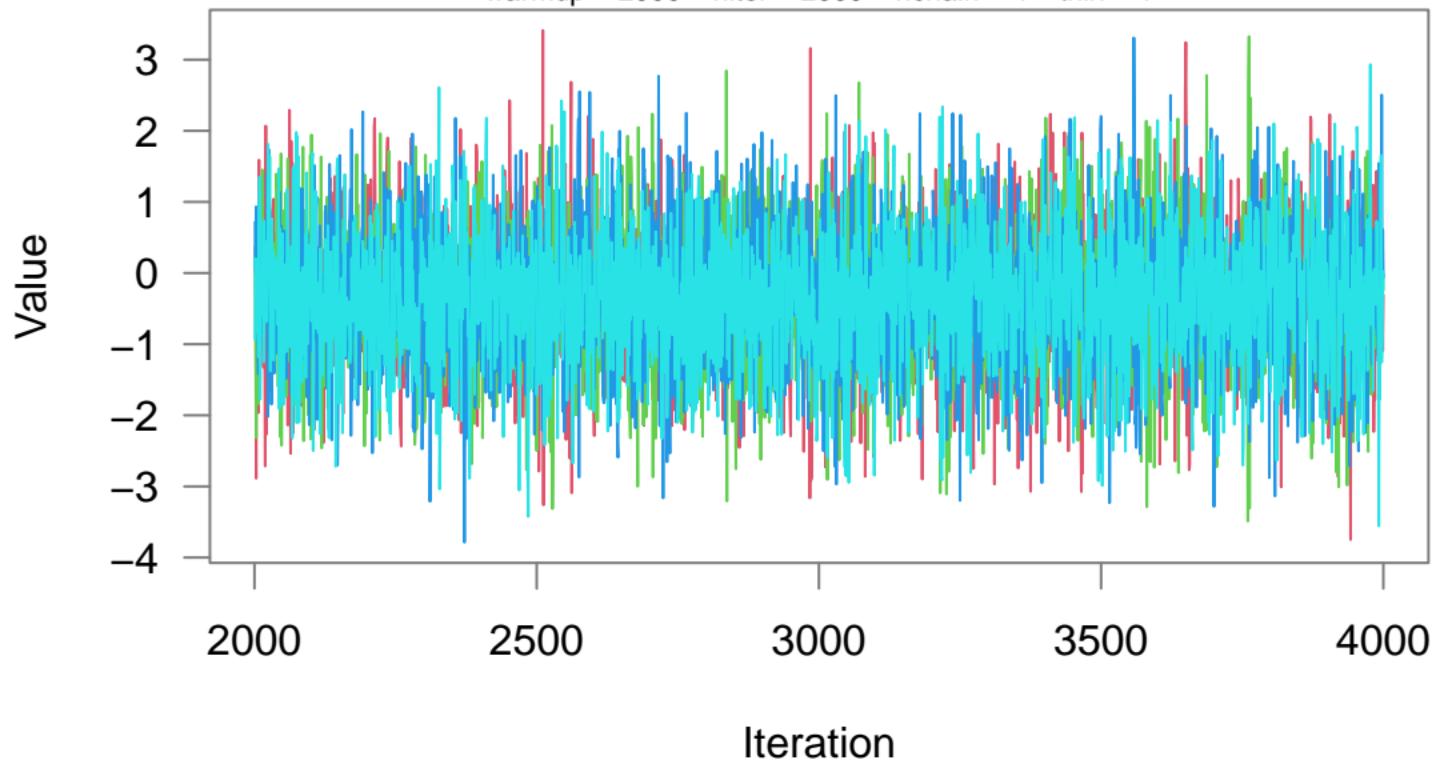
z_2[1,18]

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



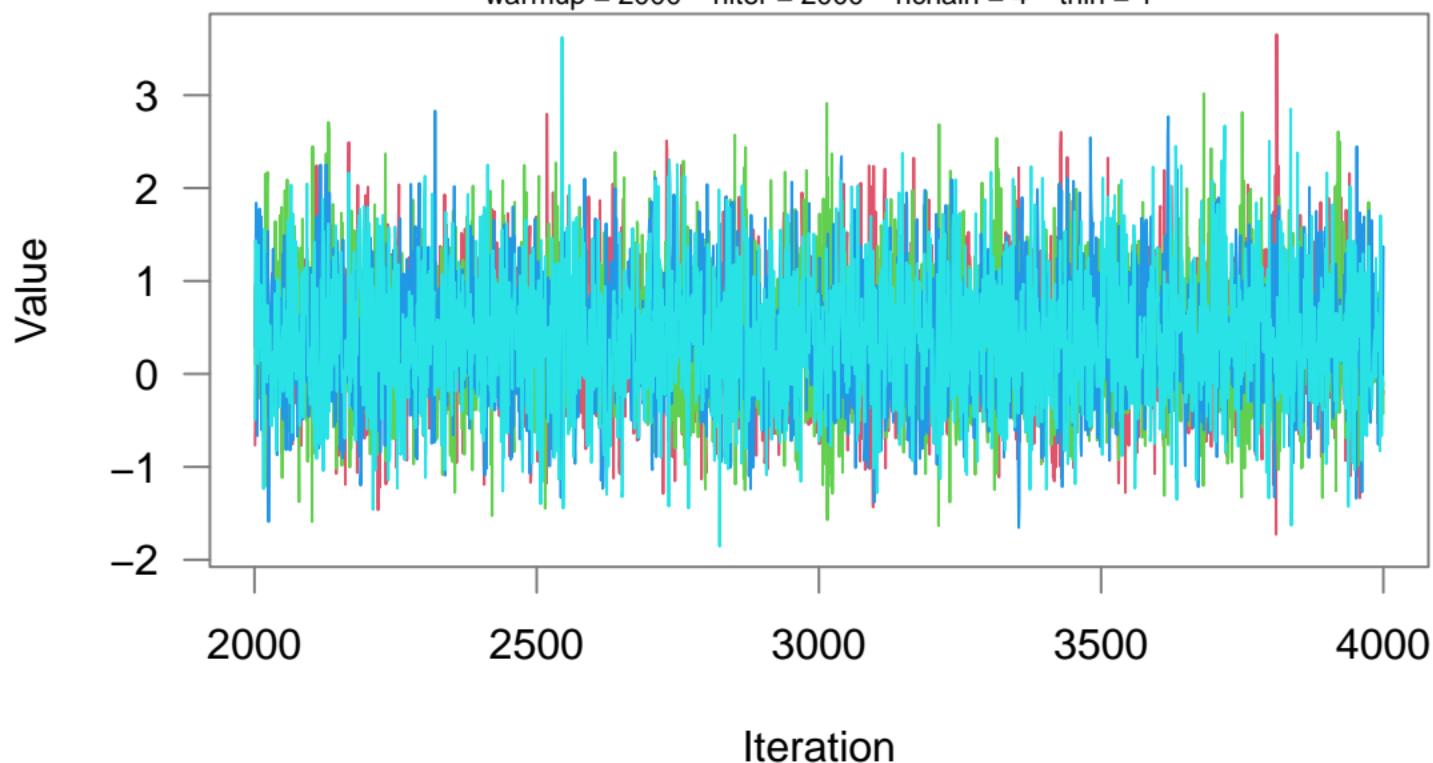
z_2[1,19]

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



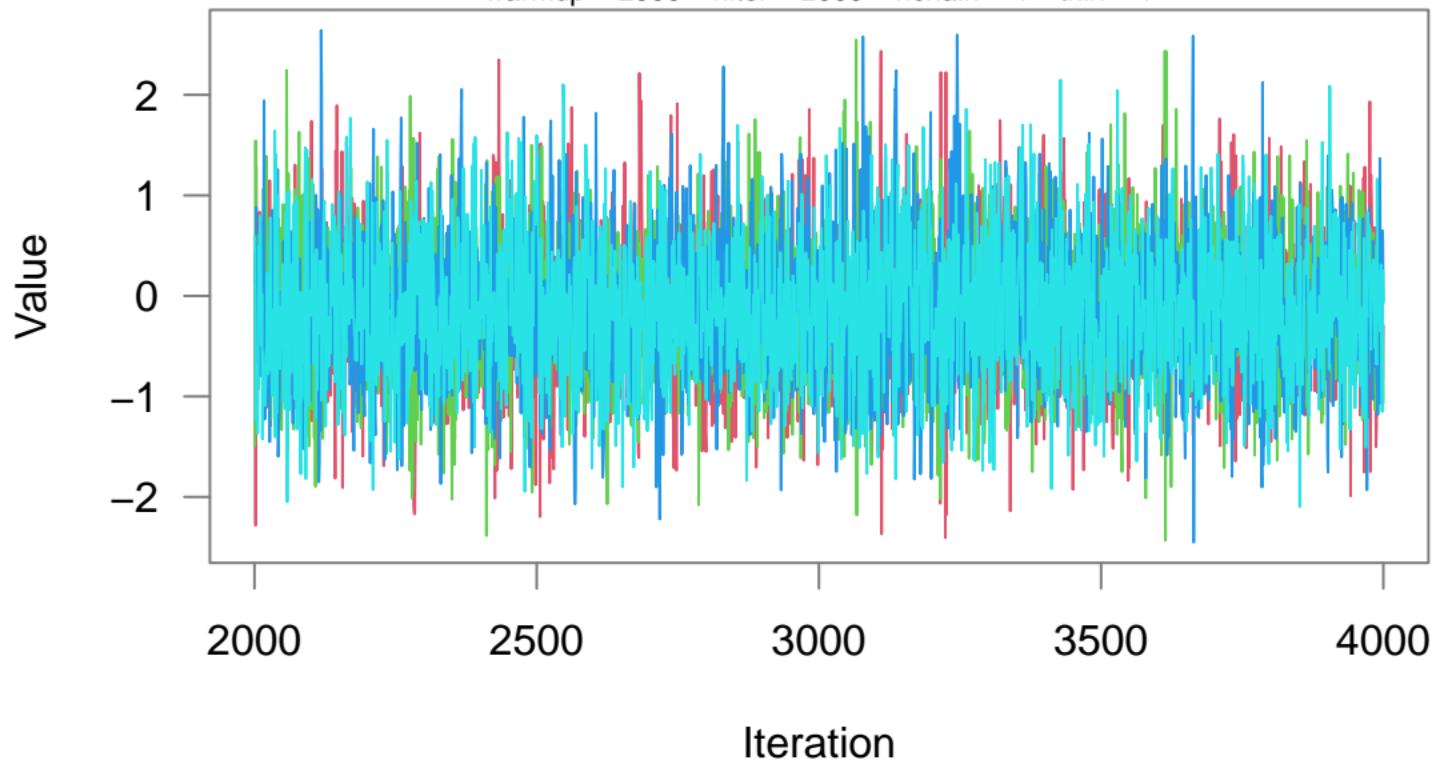
z_2[1,20]

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



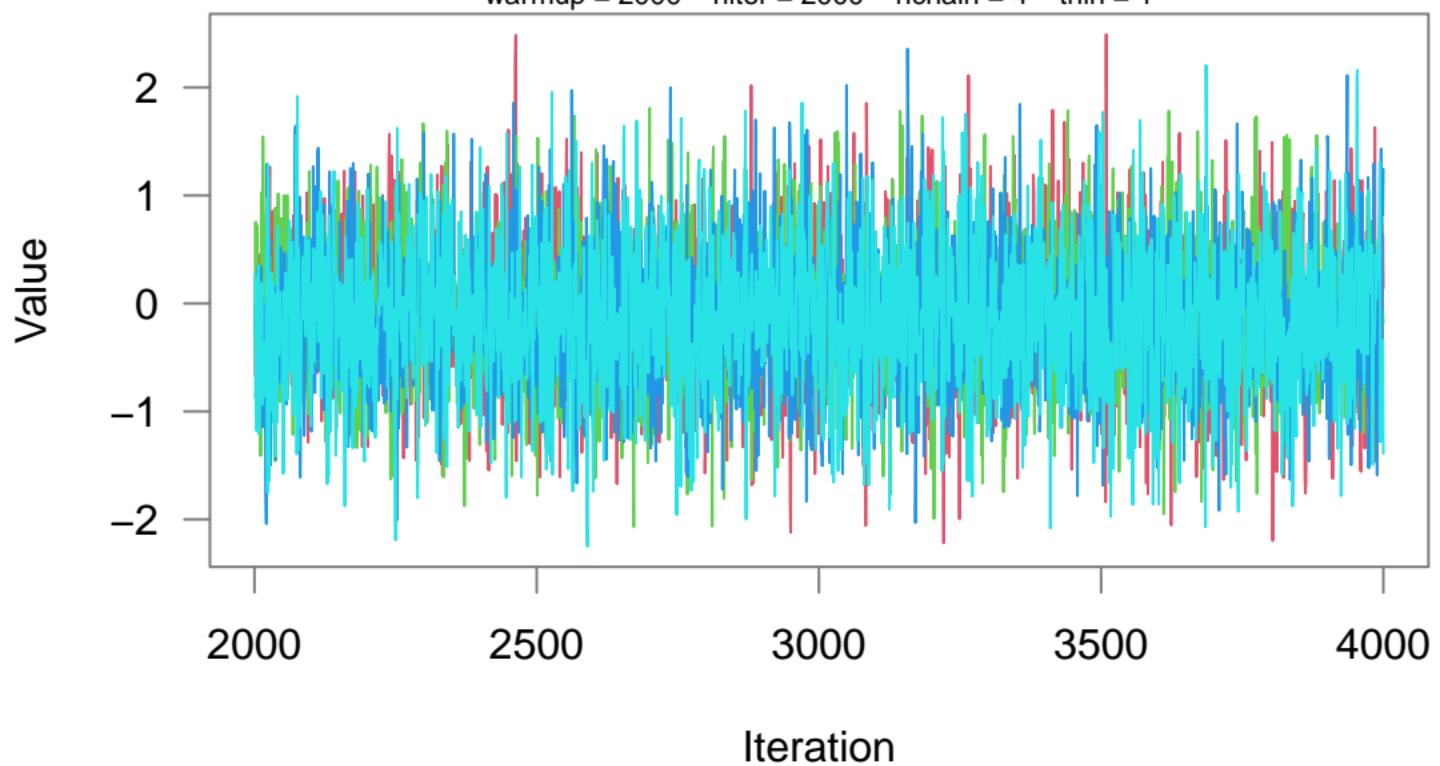
$z_2[1,21]$

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



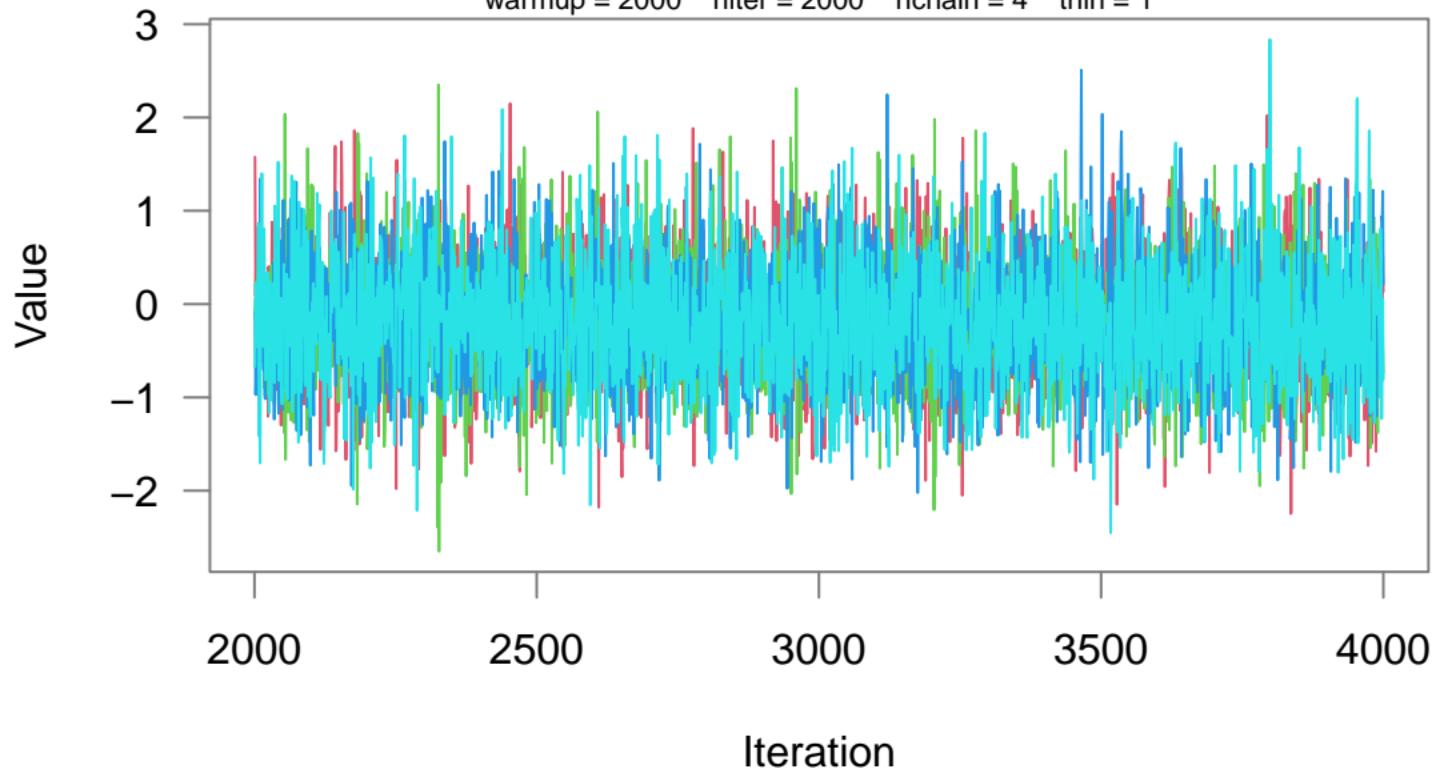
z_2[1,22]

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



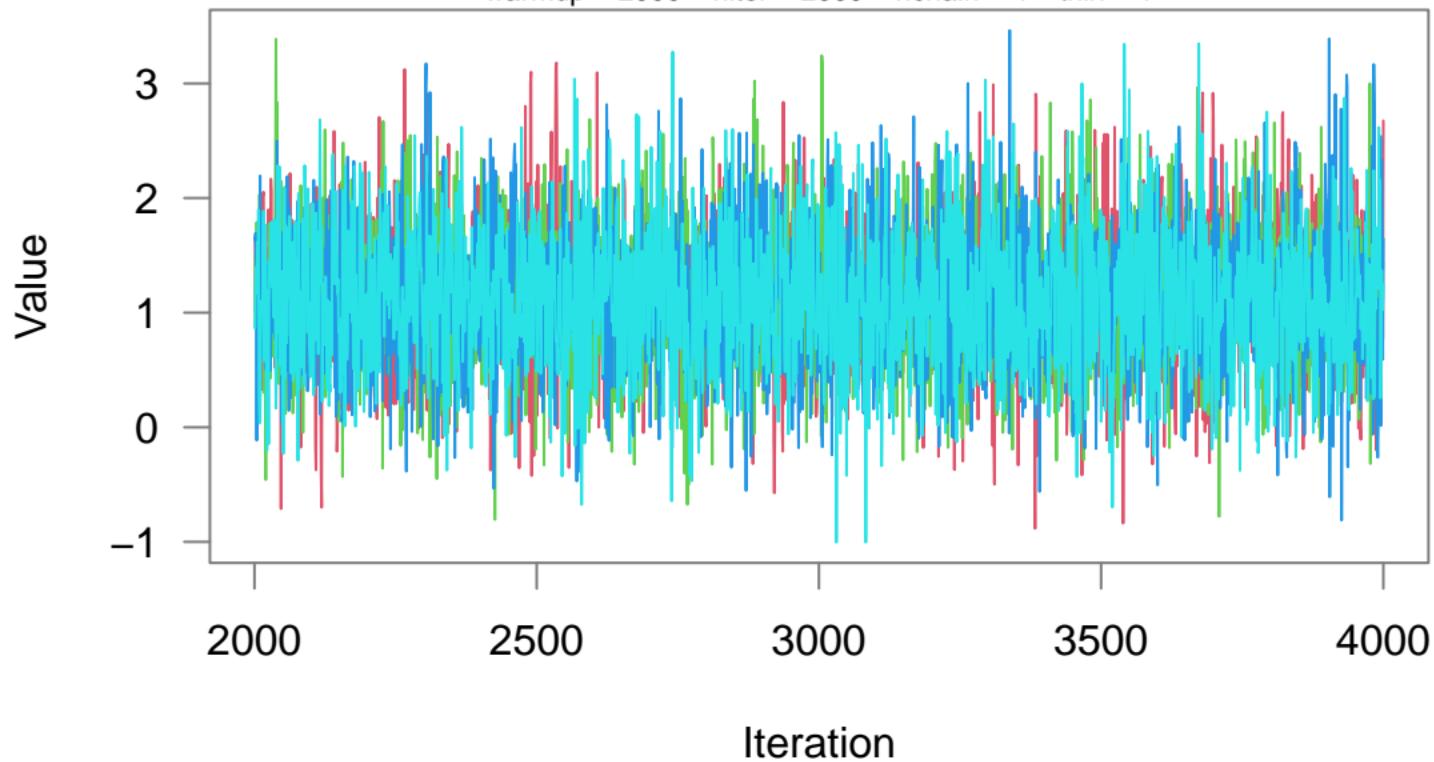
z_2[1,23]

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



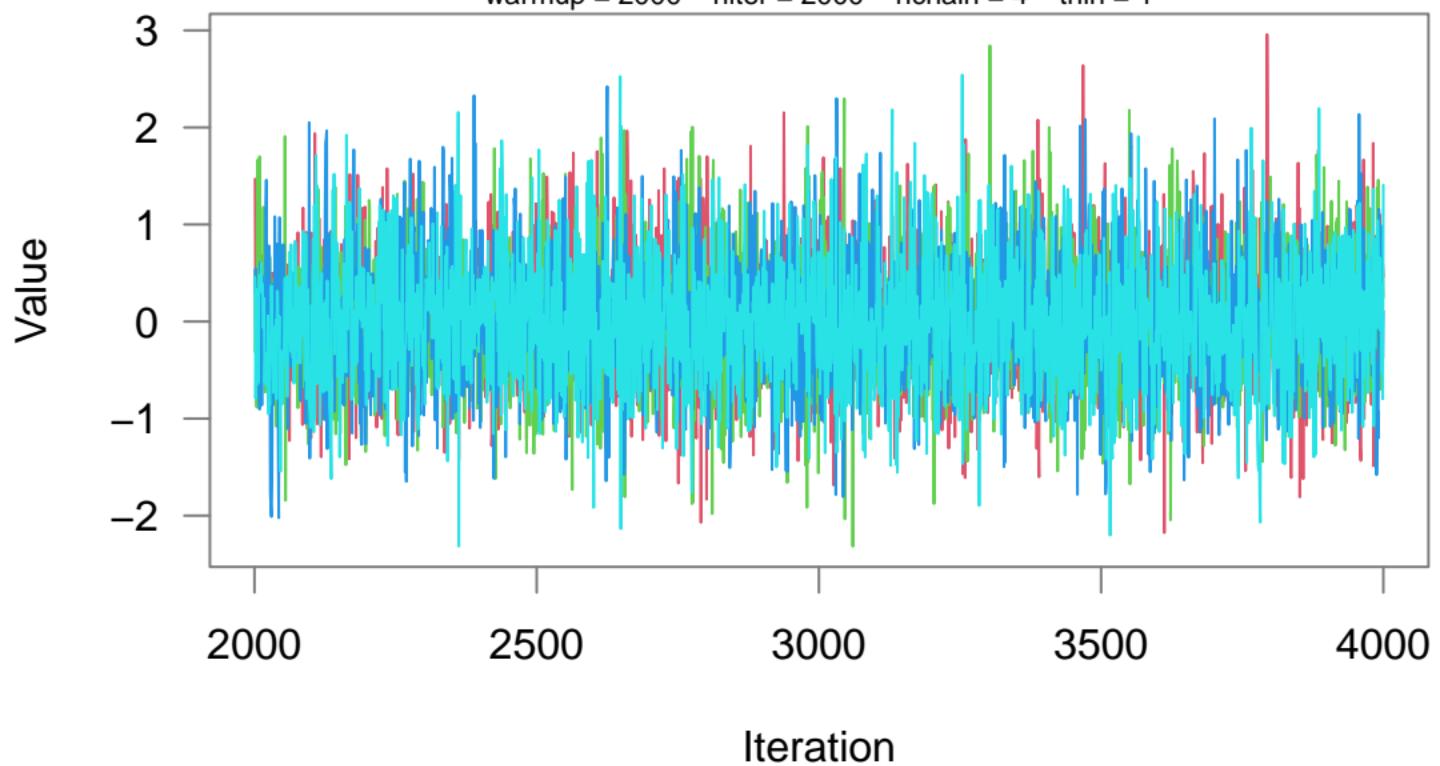
z_2[1,24]

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



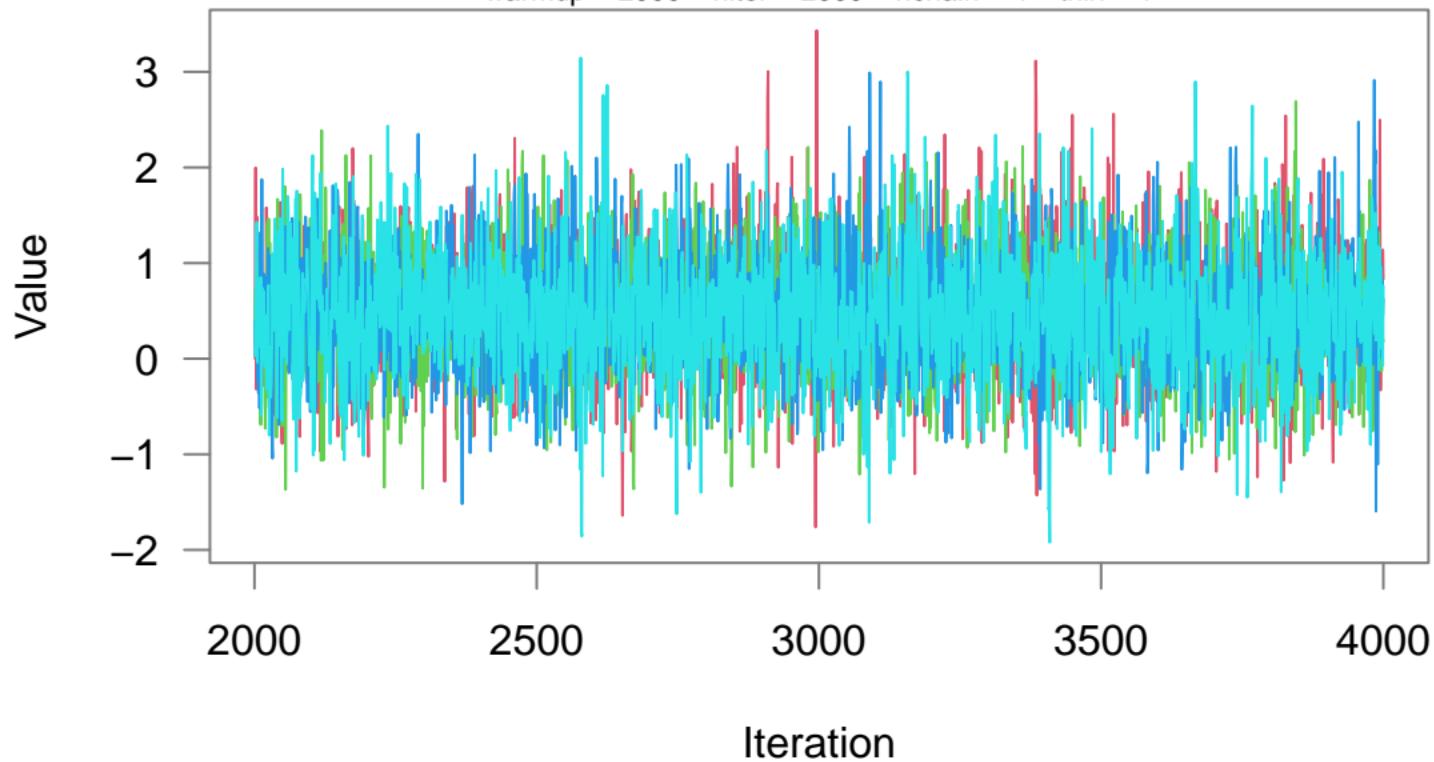
z_2[1,25]

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



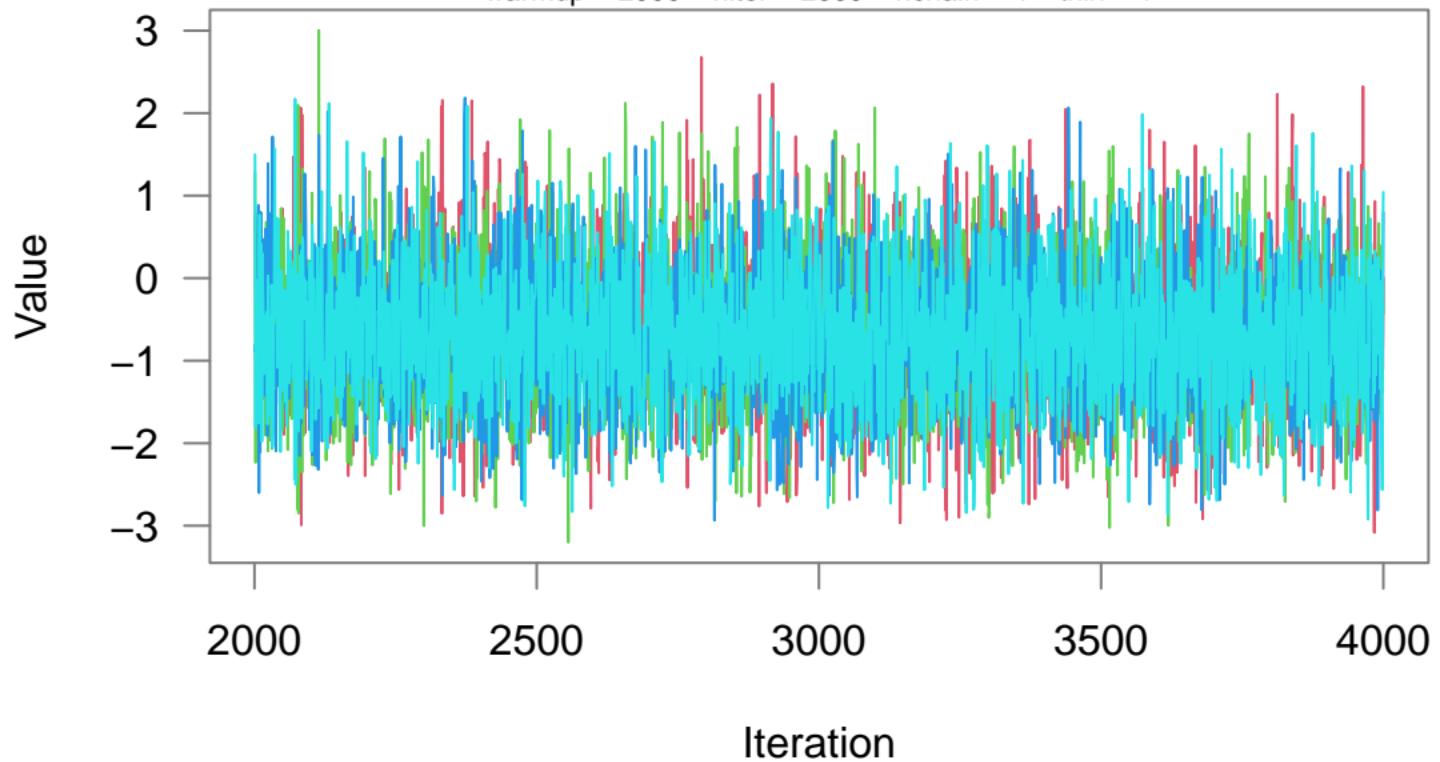
z_2[1,26]

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



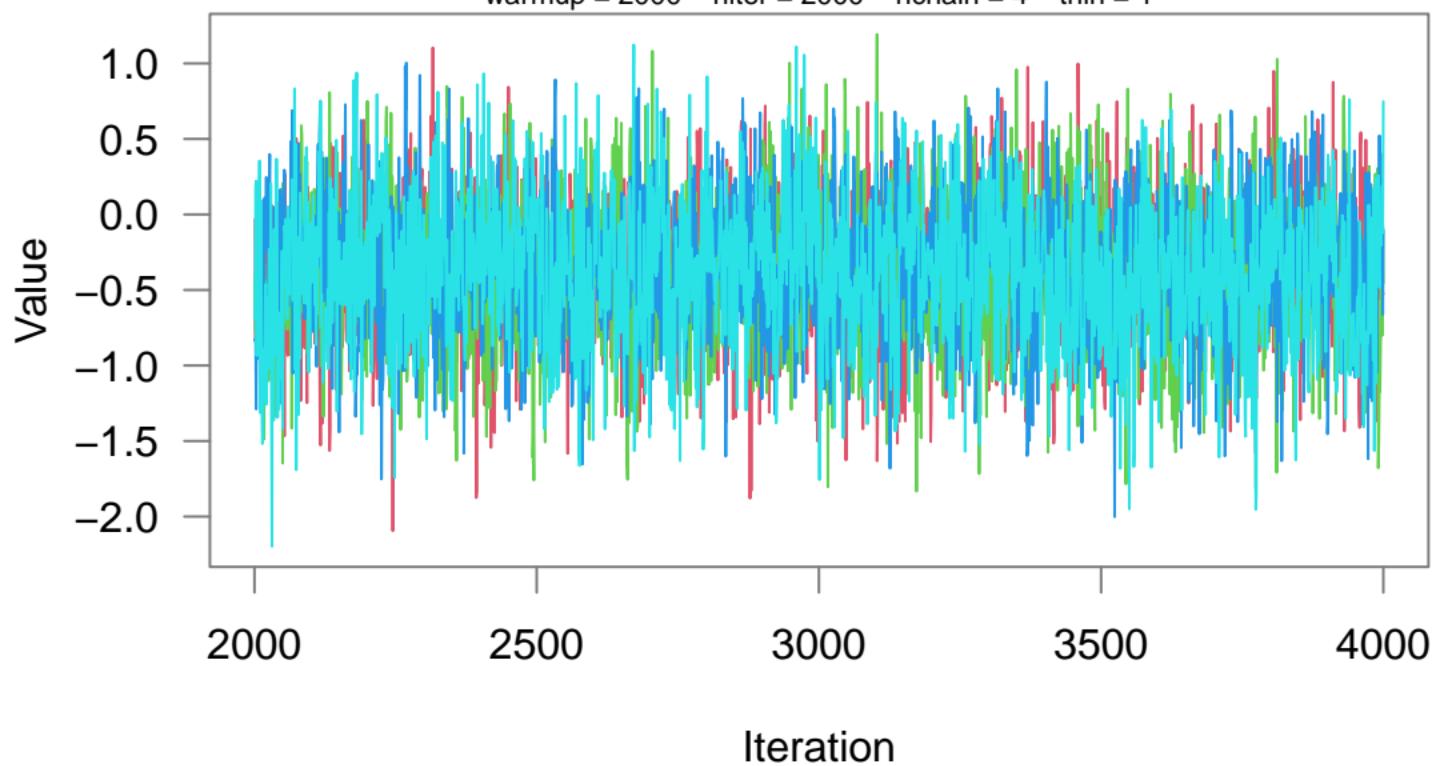
z_2[1,27]

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

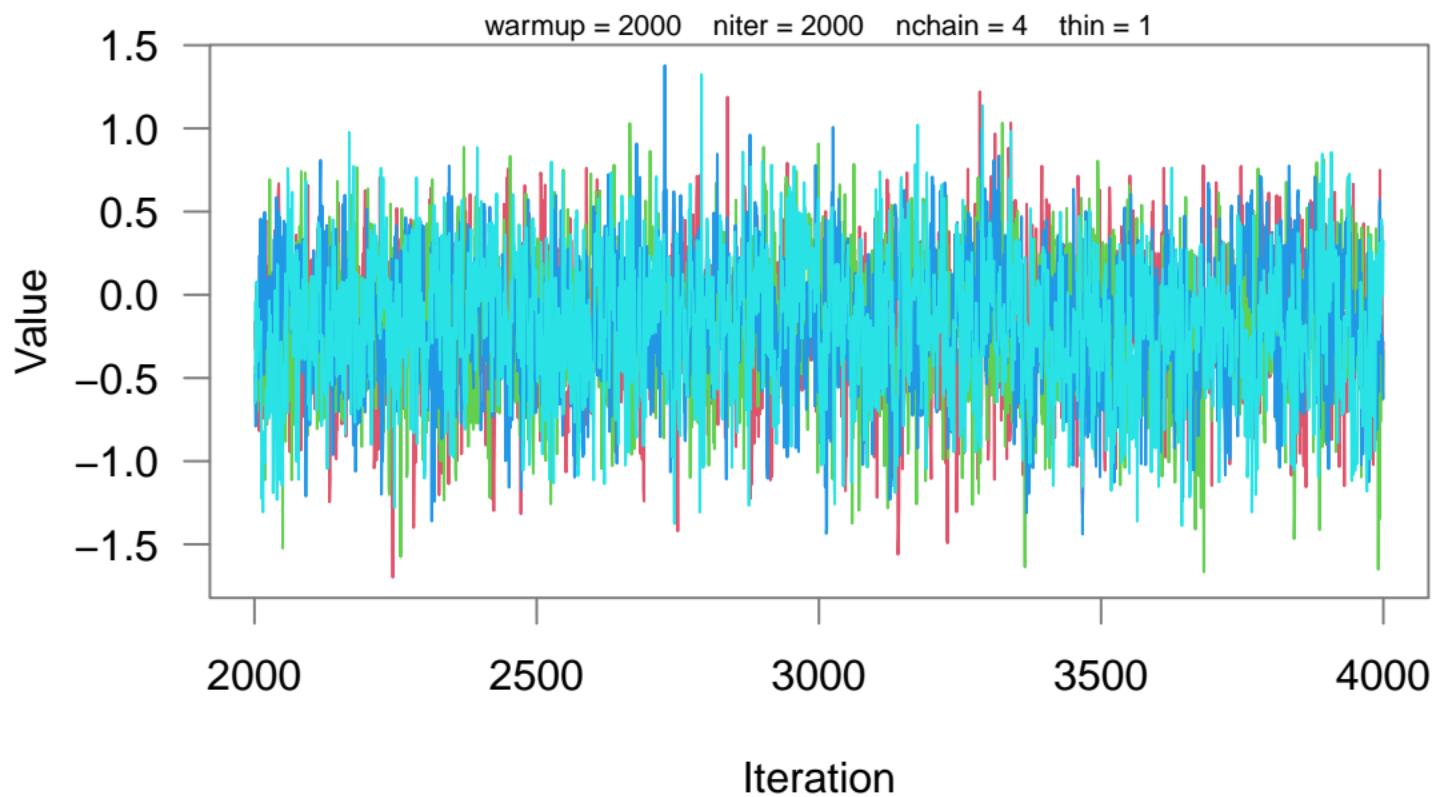


z_2[1,28]

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

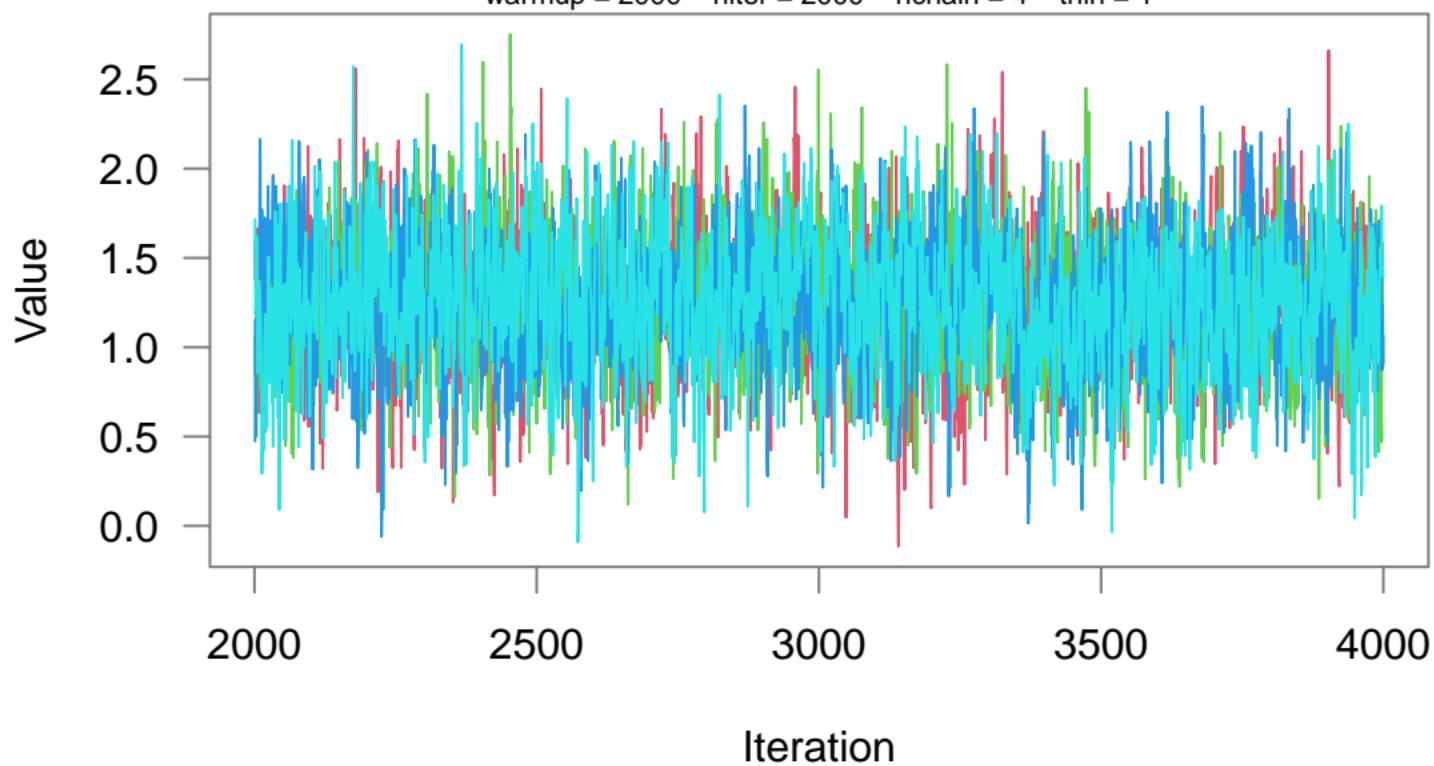


z_2[1,29]



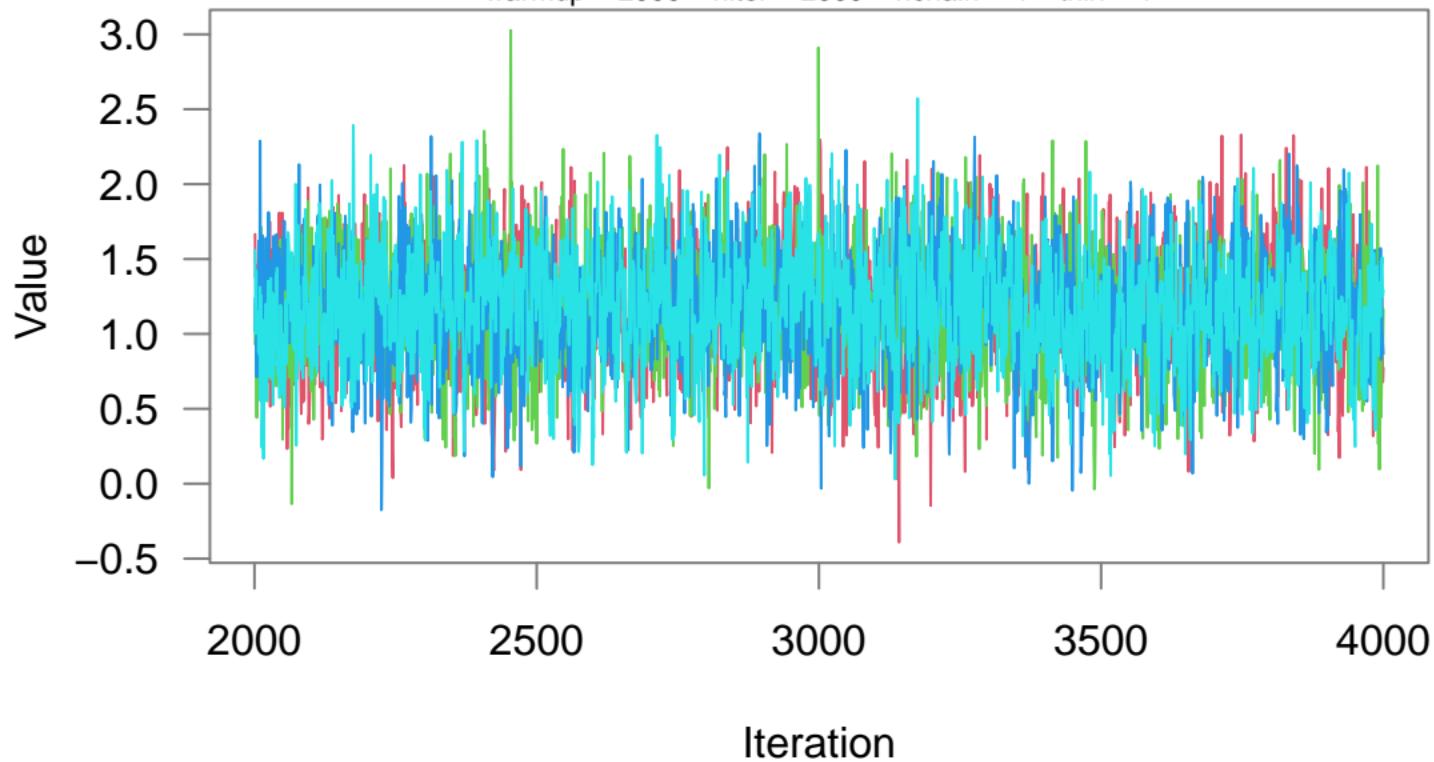
$z_2[1,30]$

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



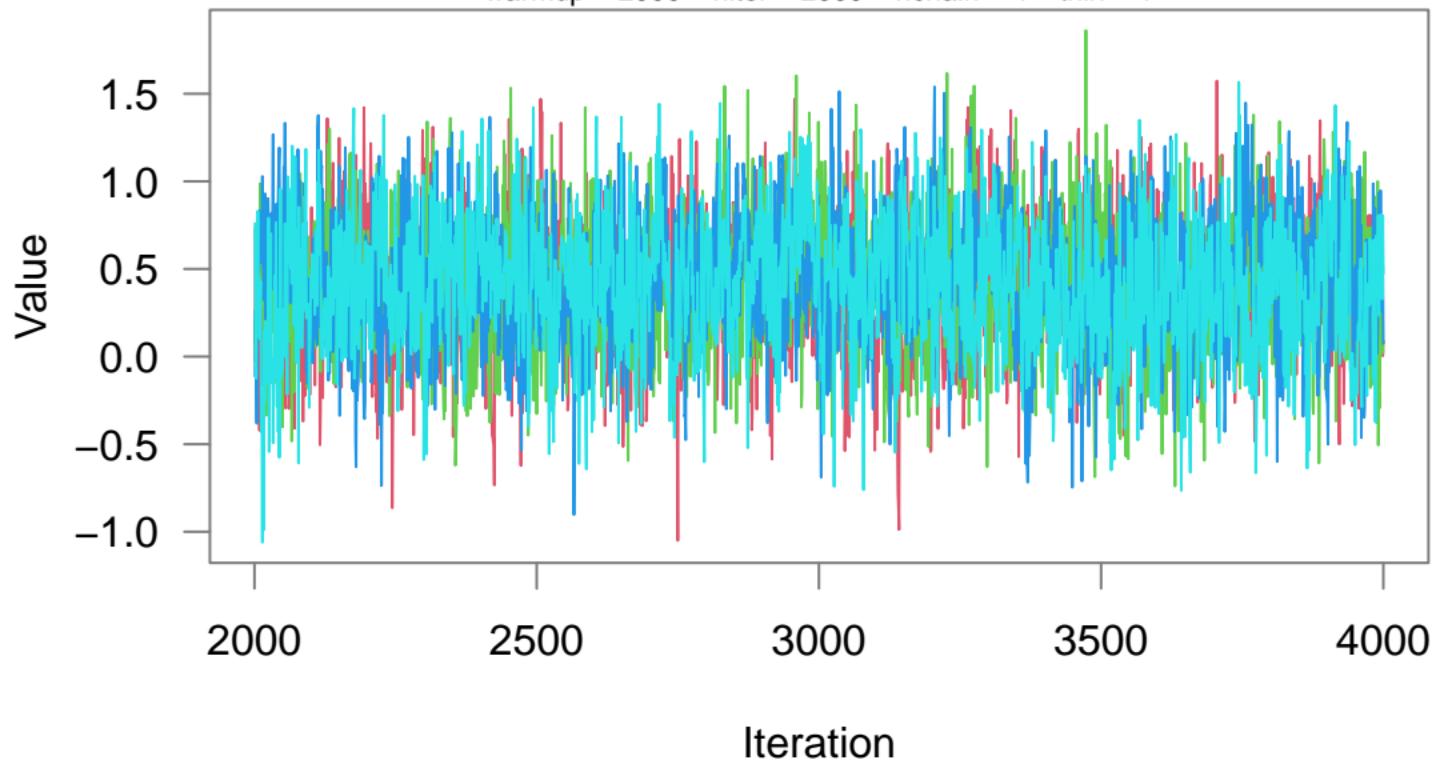
$z_{-2}[1,31]$

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



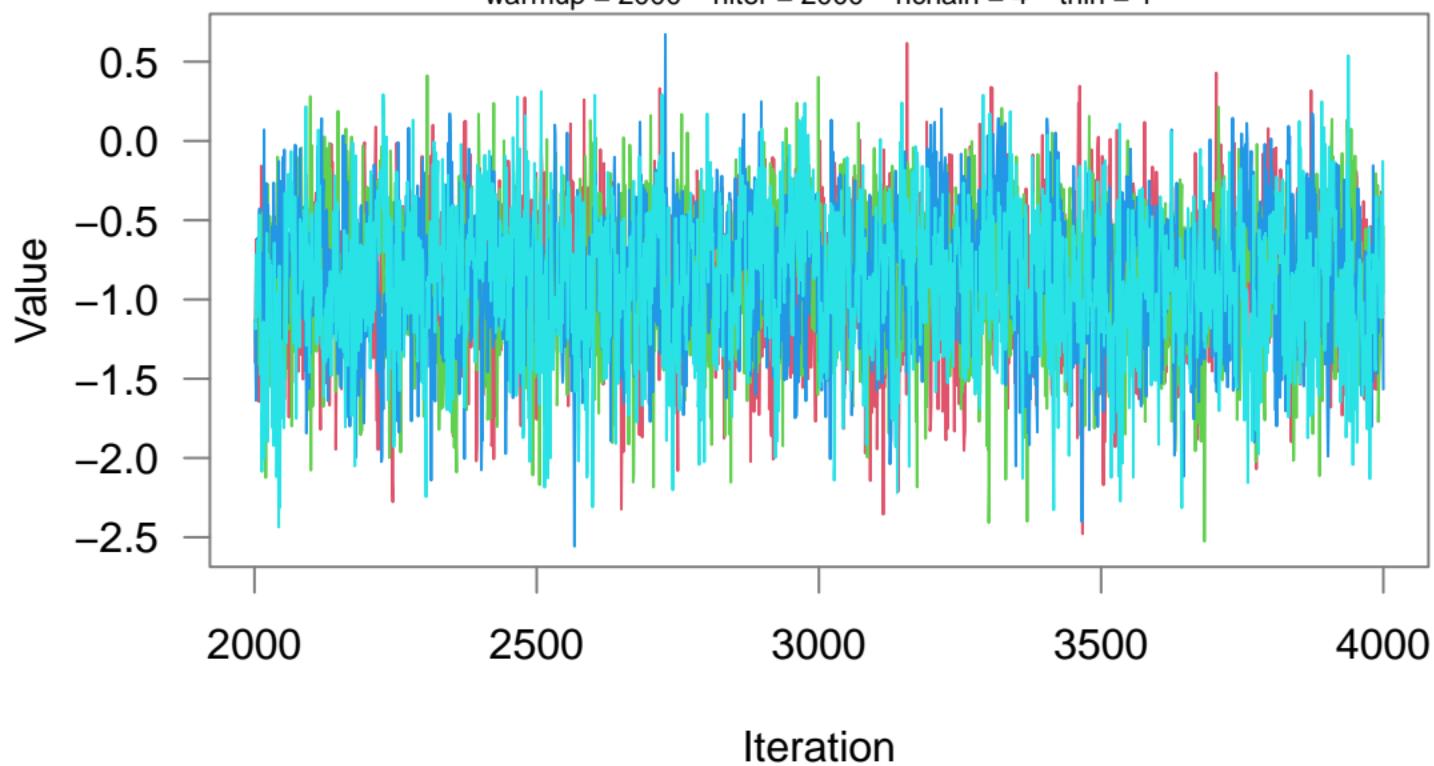
$z_2[1,32]$

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



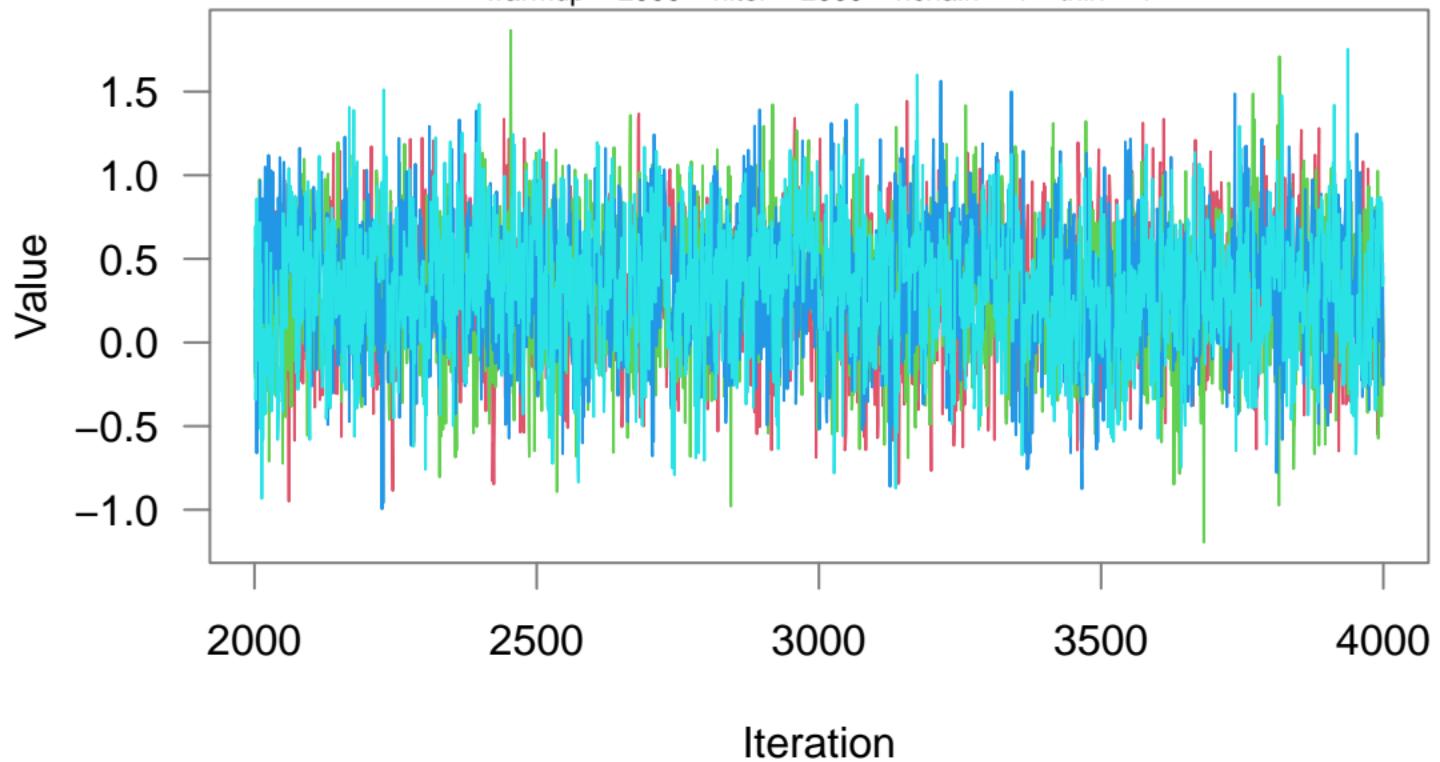
z_2[1,33]

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



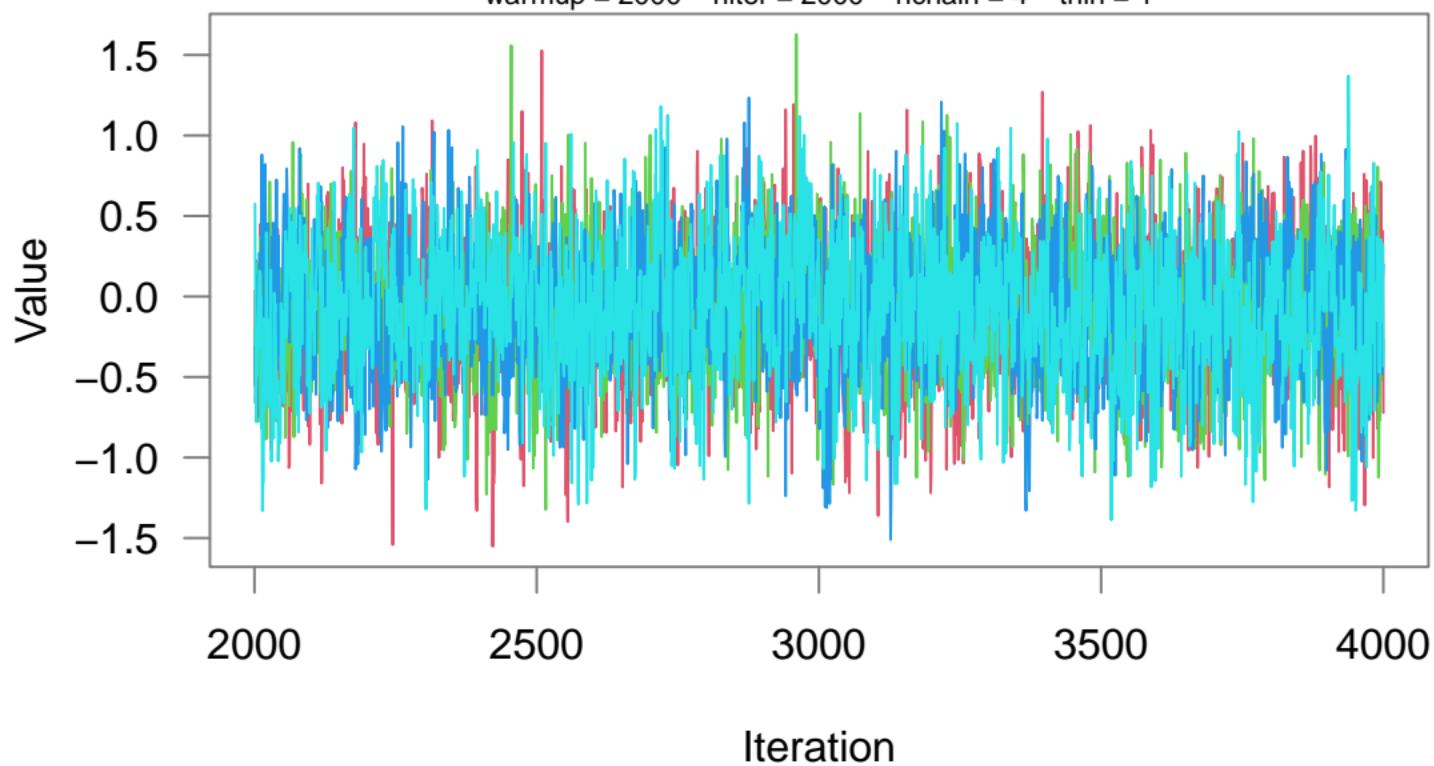
z_2[1,34]

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



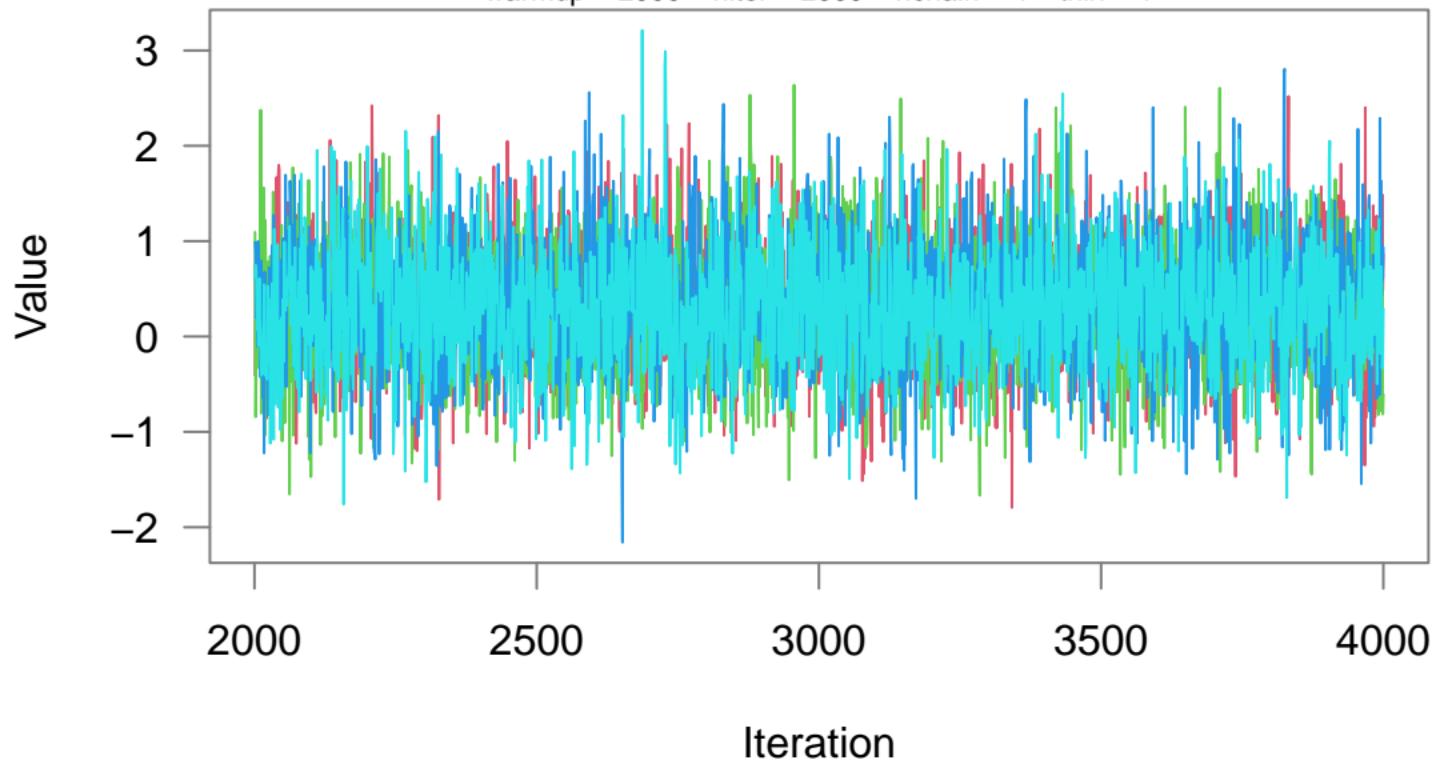
z_2[1,35]

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



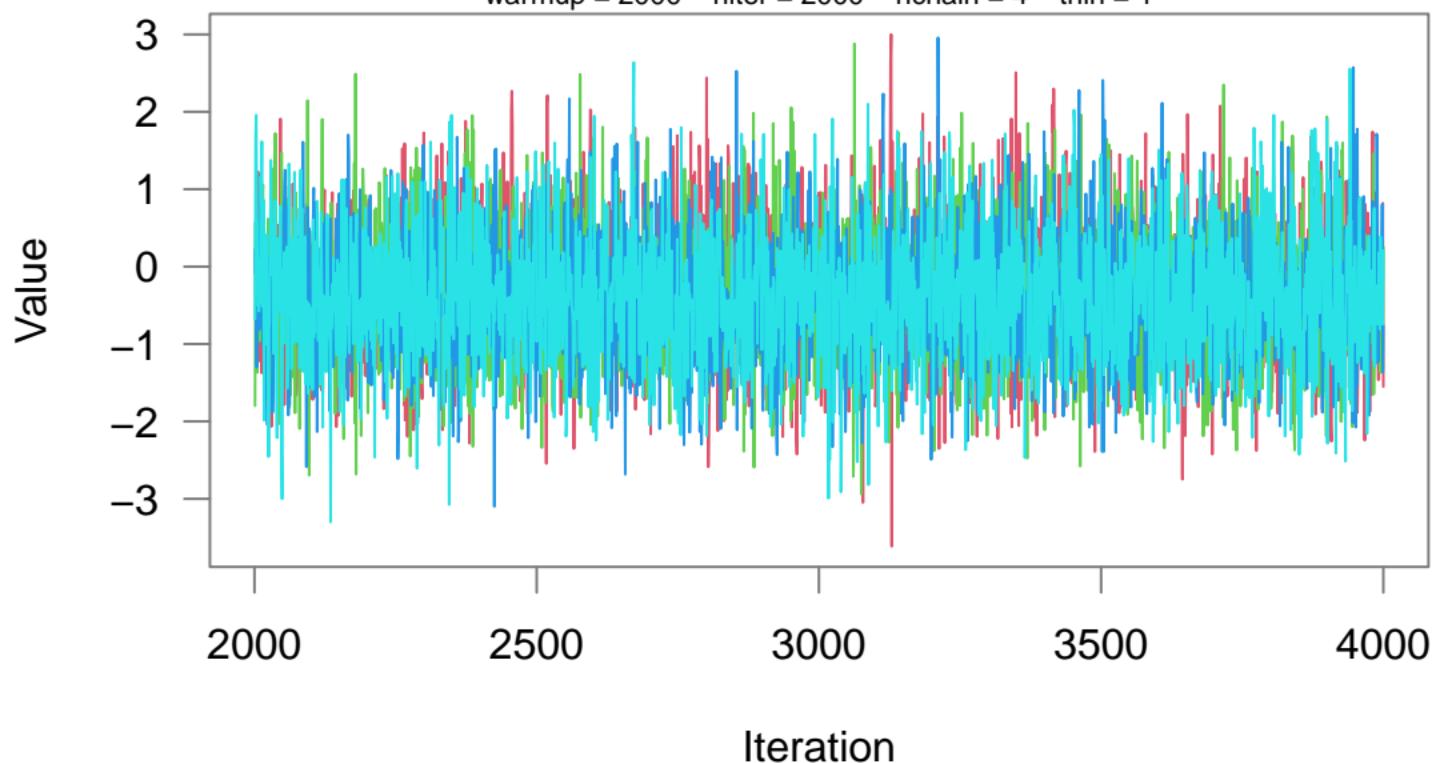
$z_2[1,36]$

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



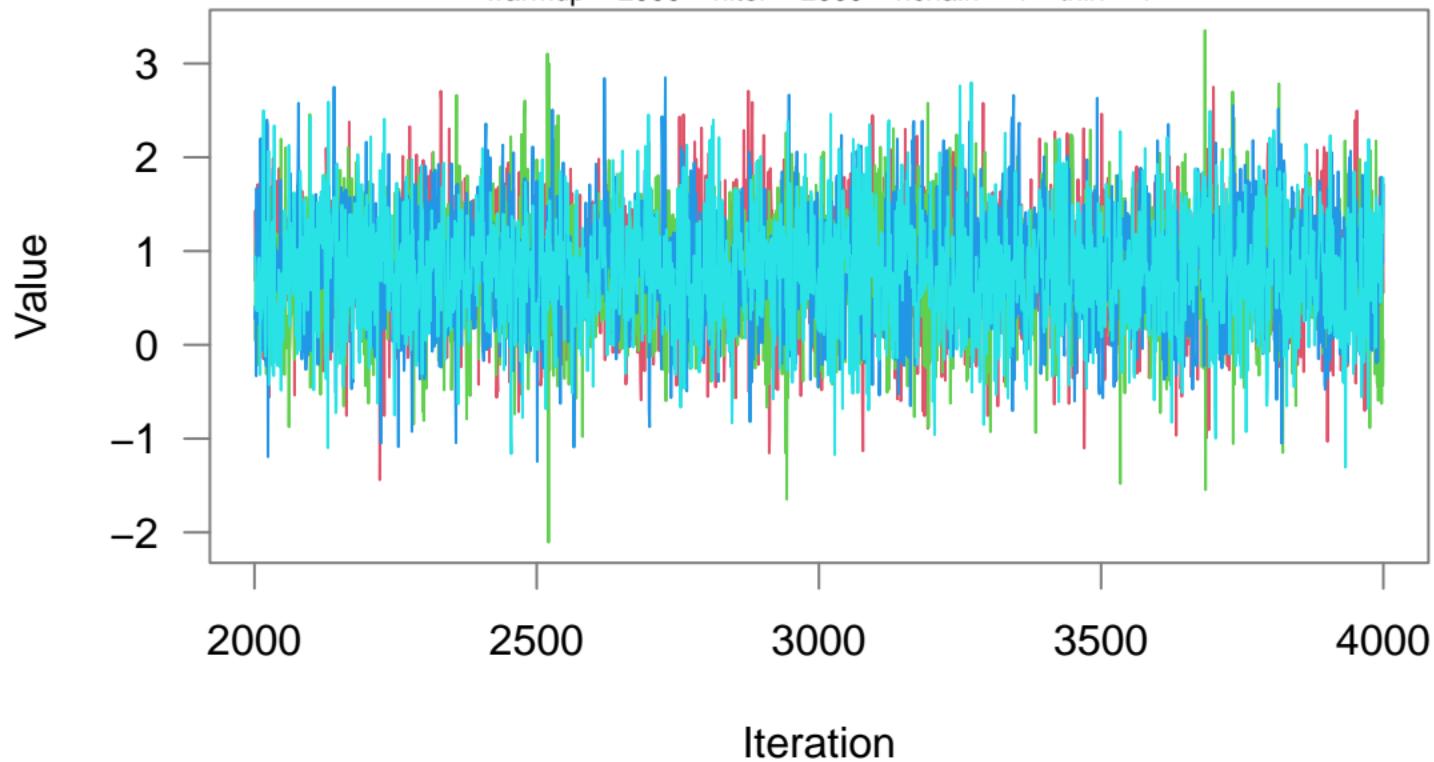
$z_2[1,37]$

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



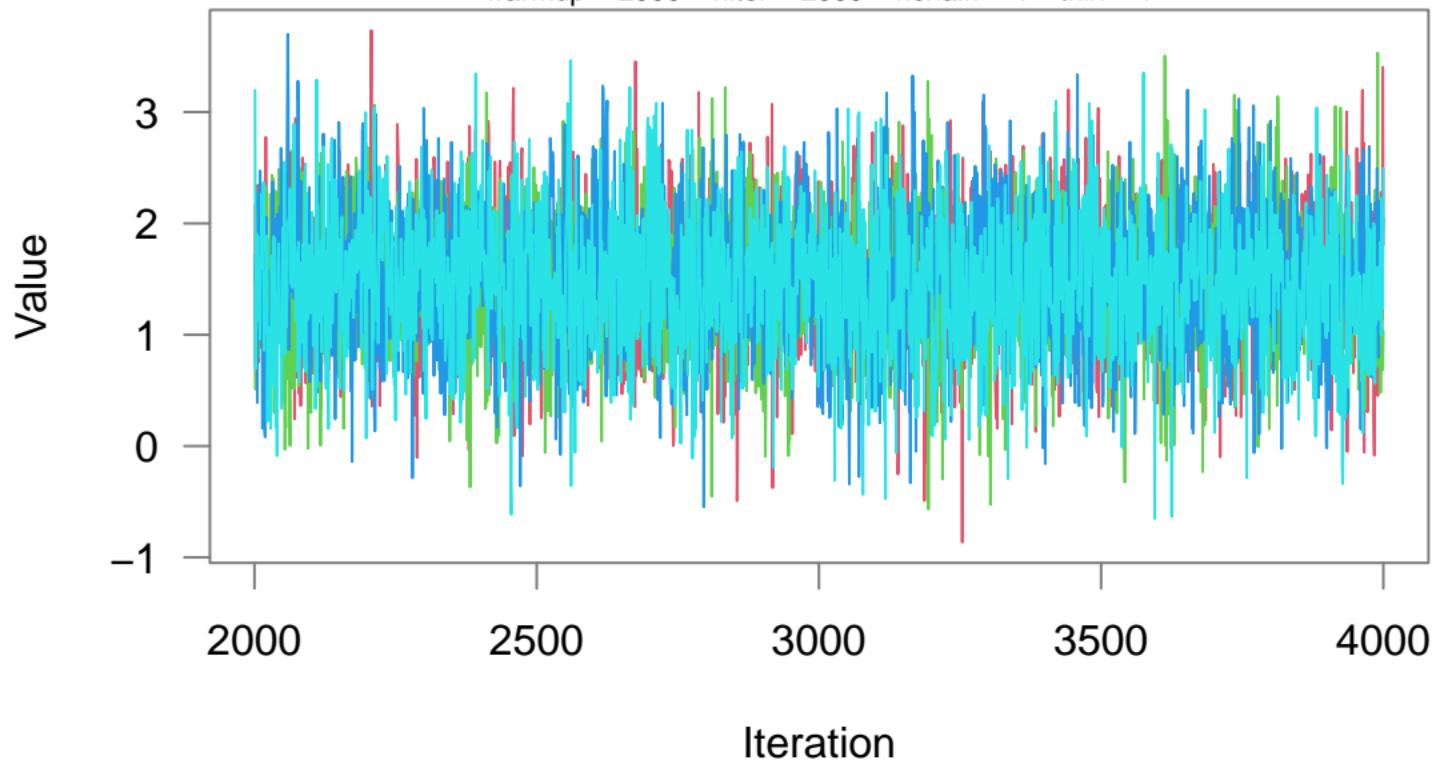
z_2[1,38]

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



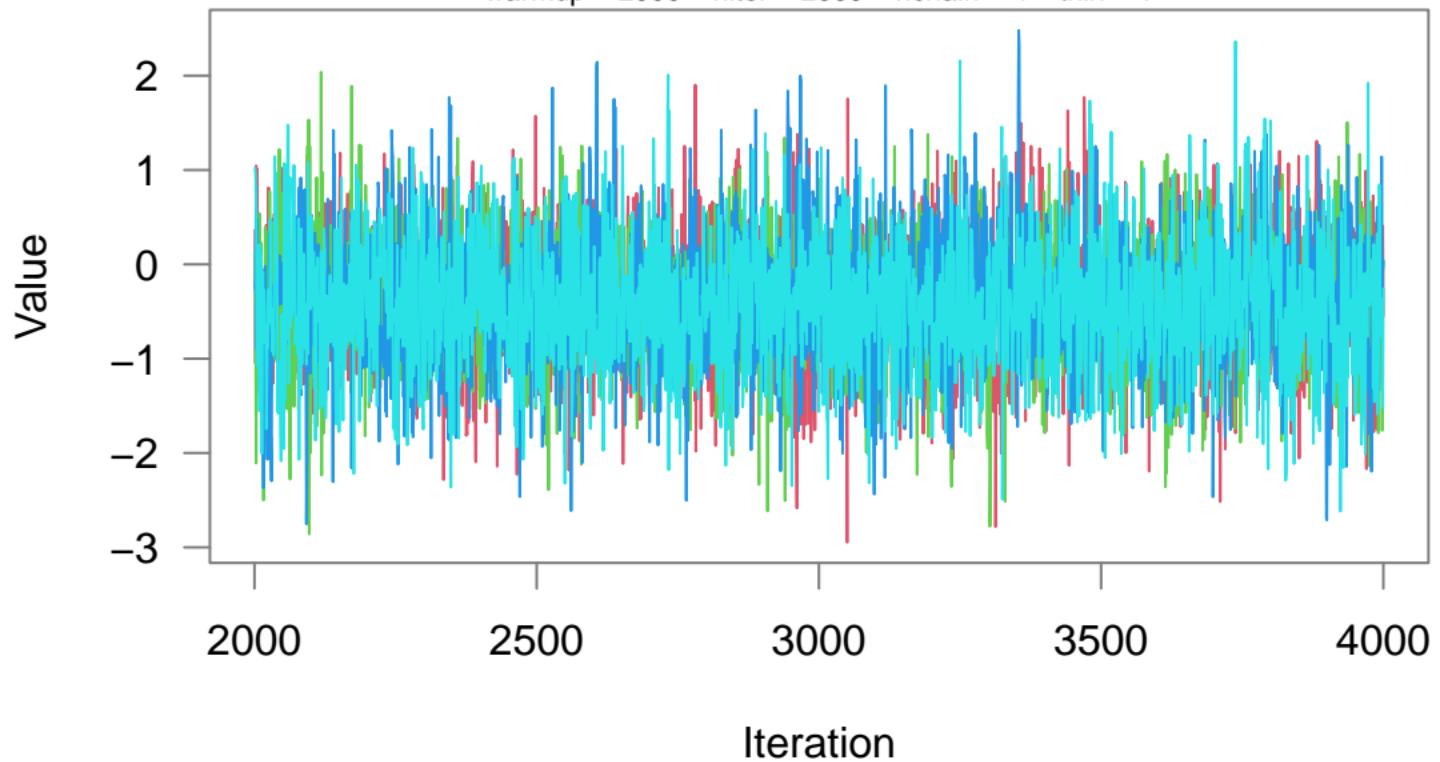
z_2[1,39]

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



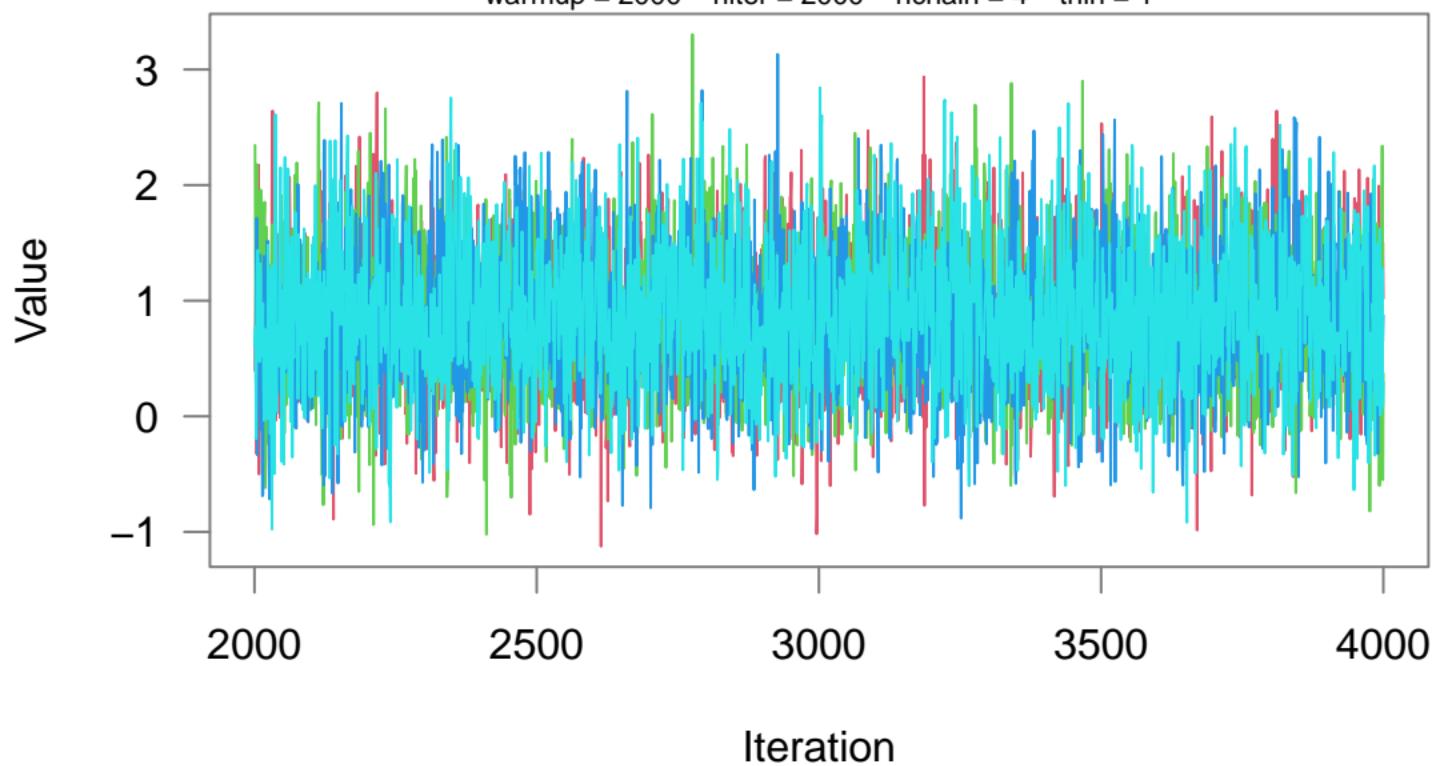
z_2[1,40]

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



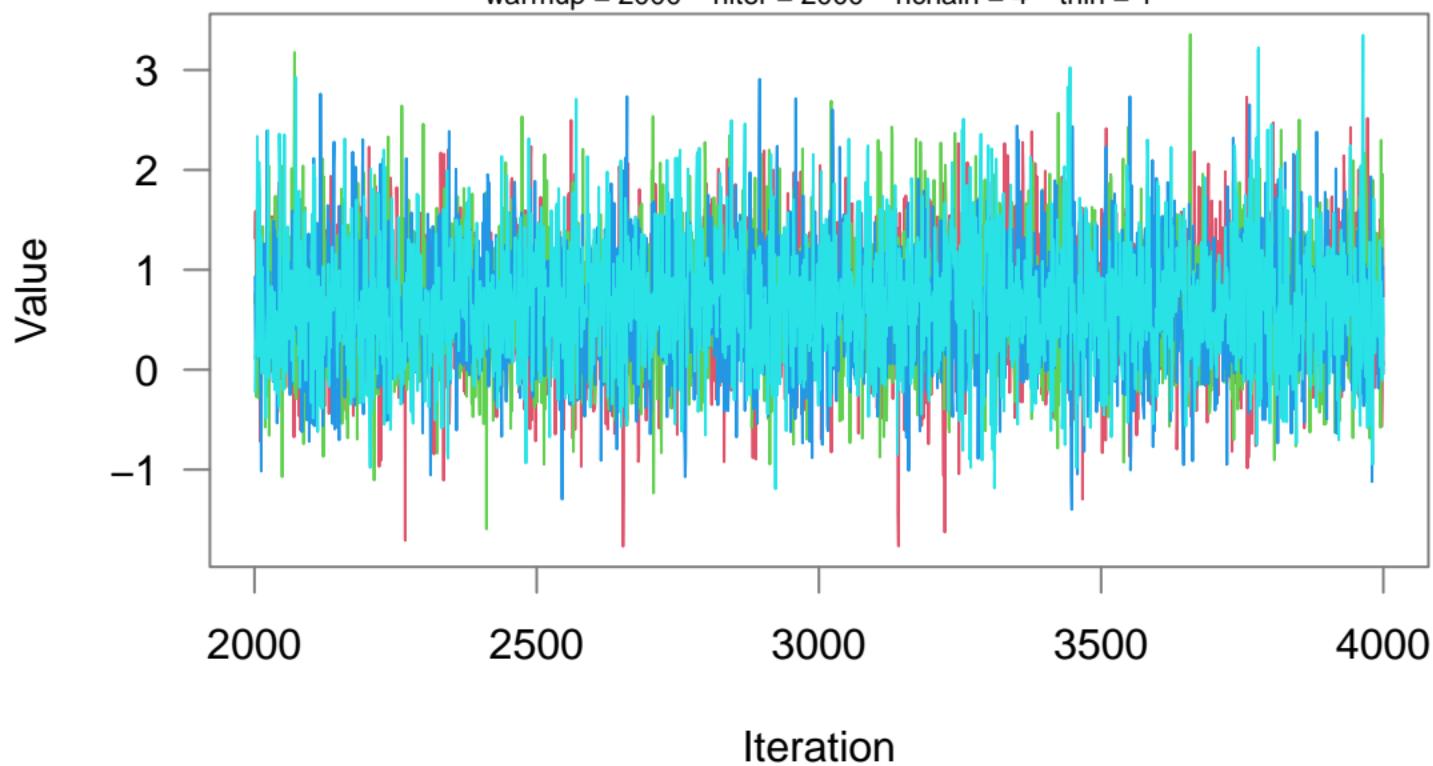
z_2[1,41]

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

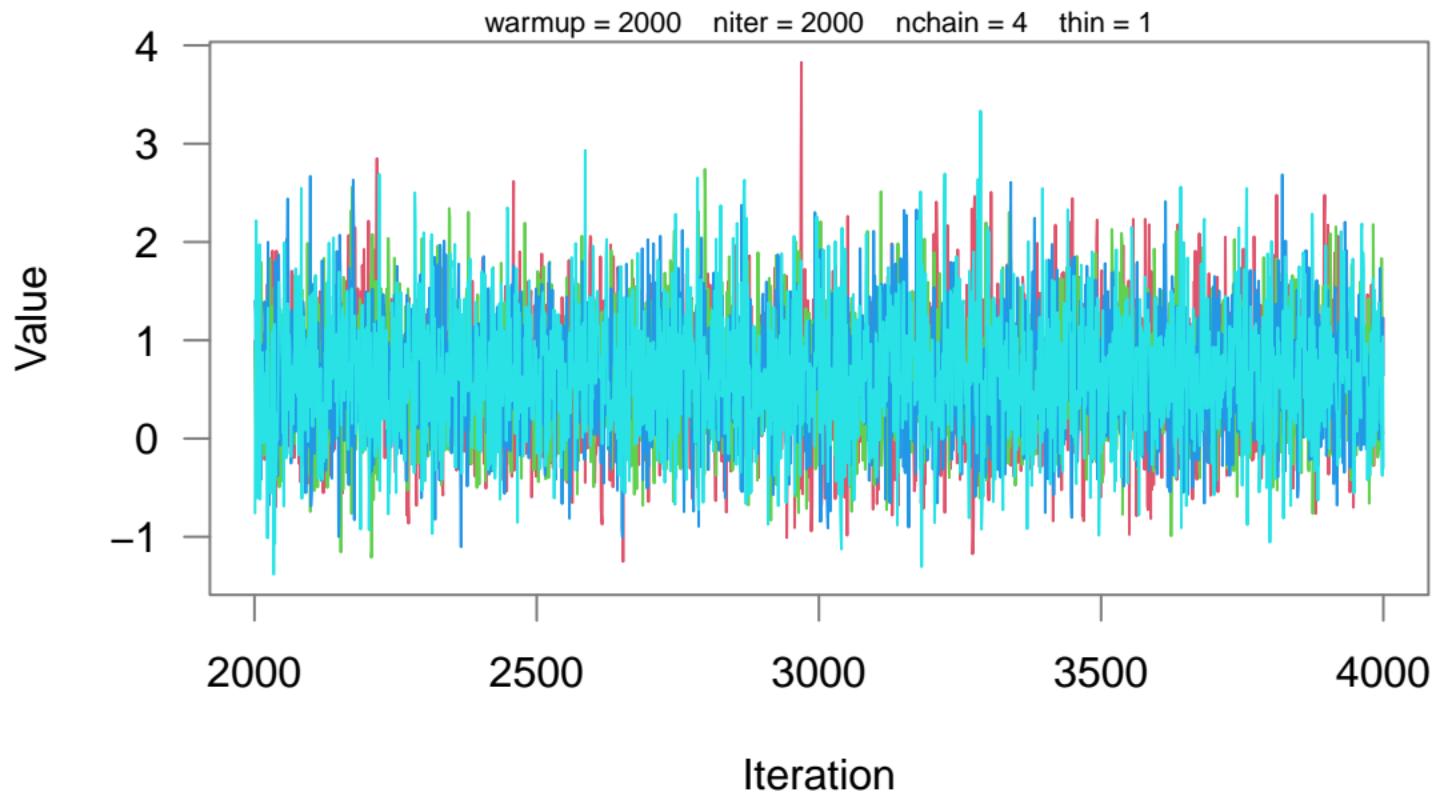


$z_2[1,42]$

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

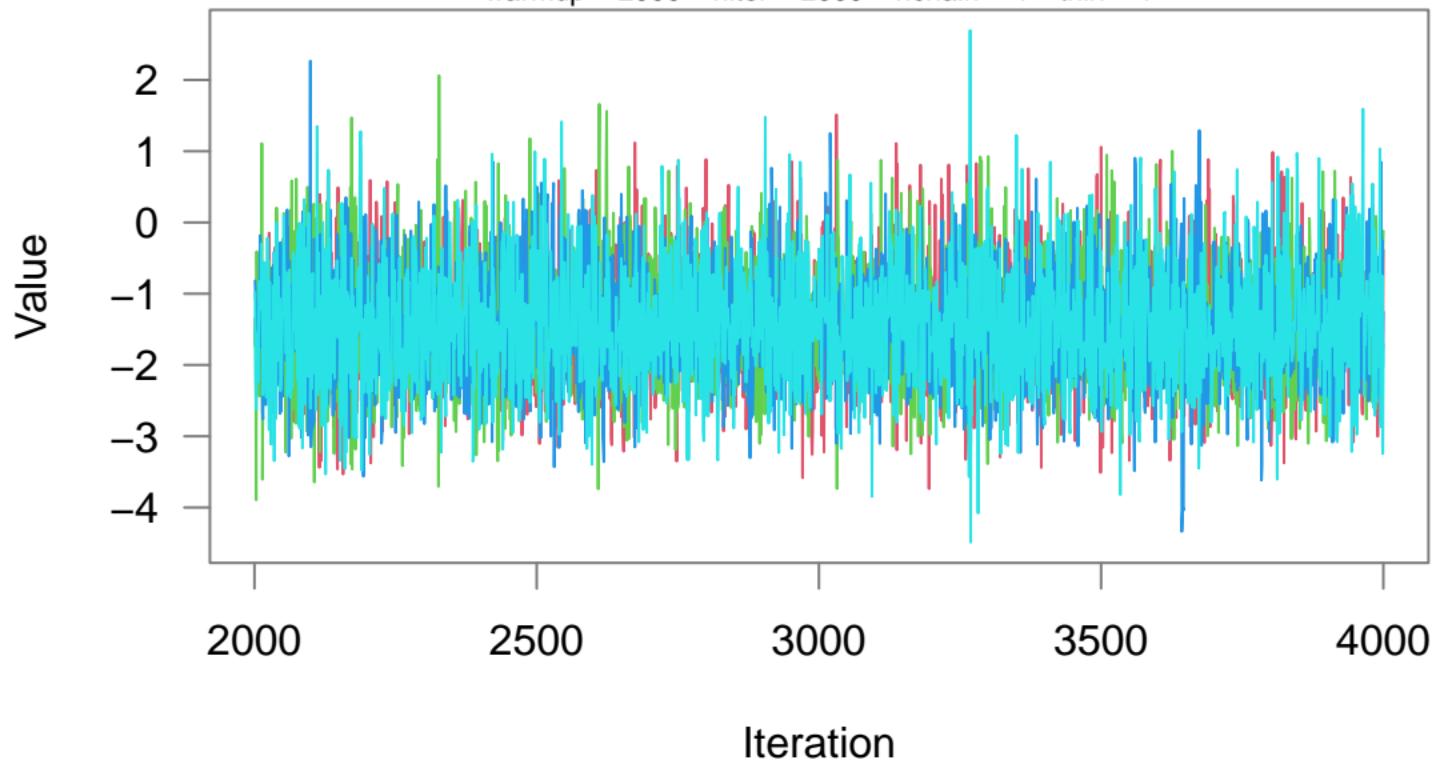


$z_2[1,43]$



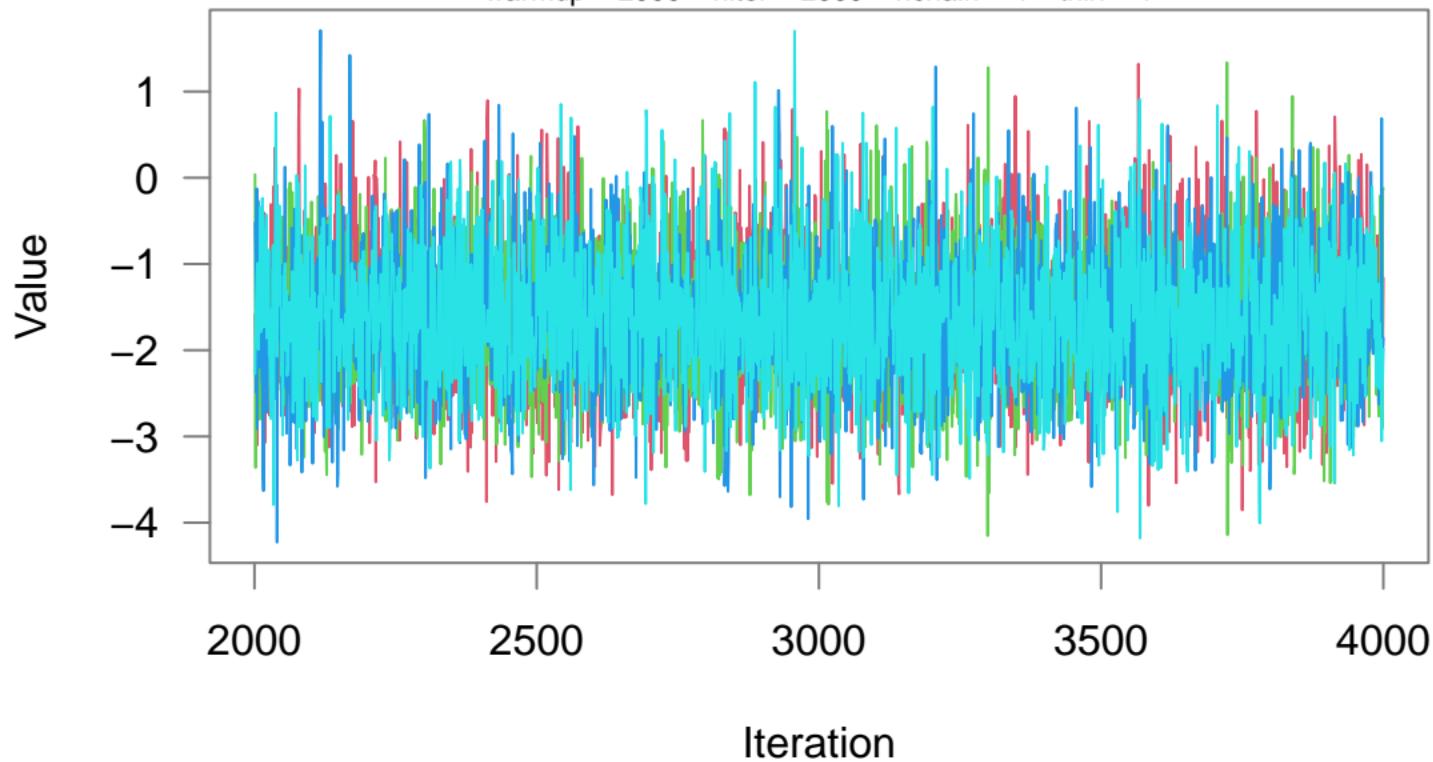
z_2[1,44]

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



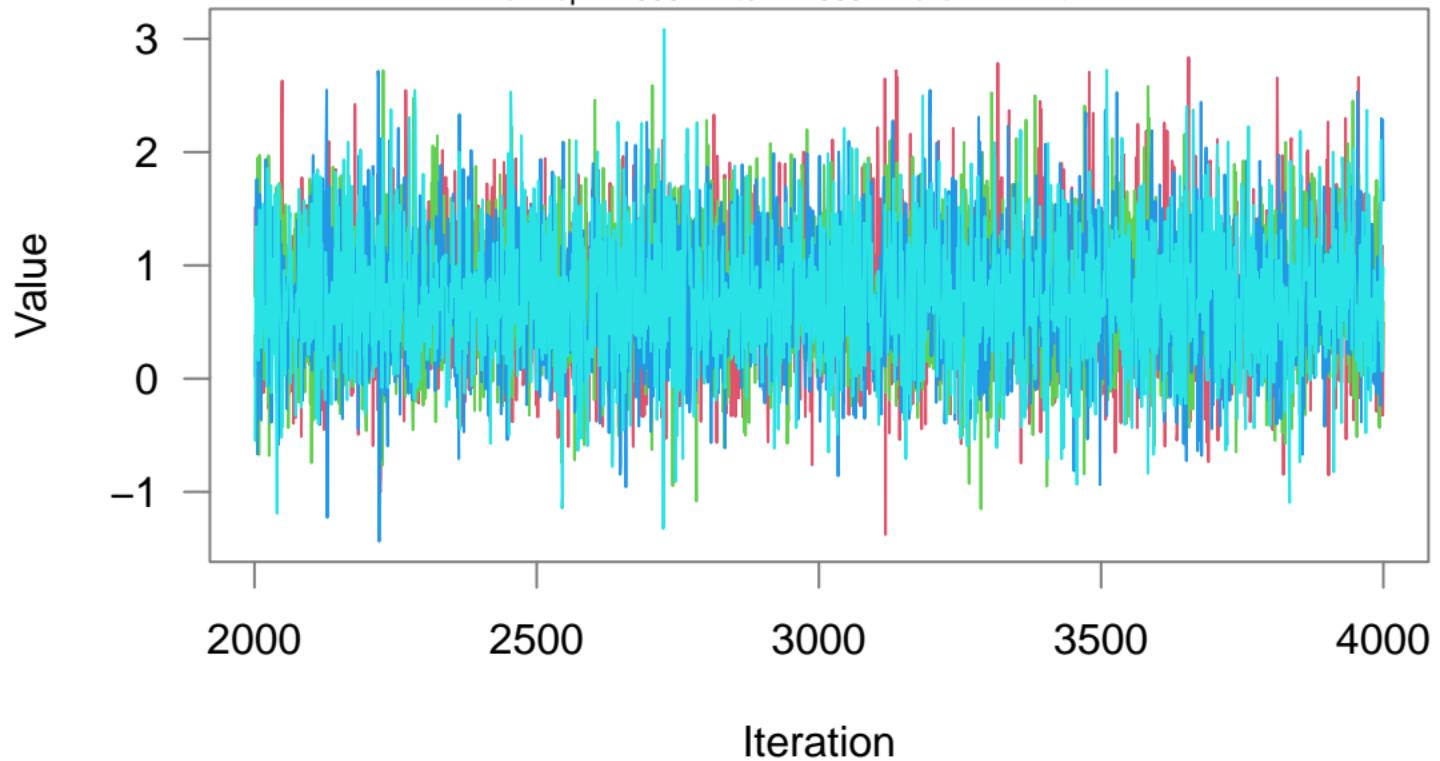
z_2[1,45]

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



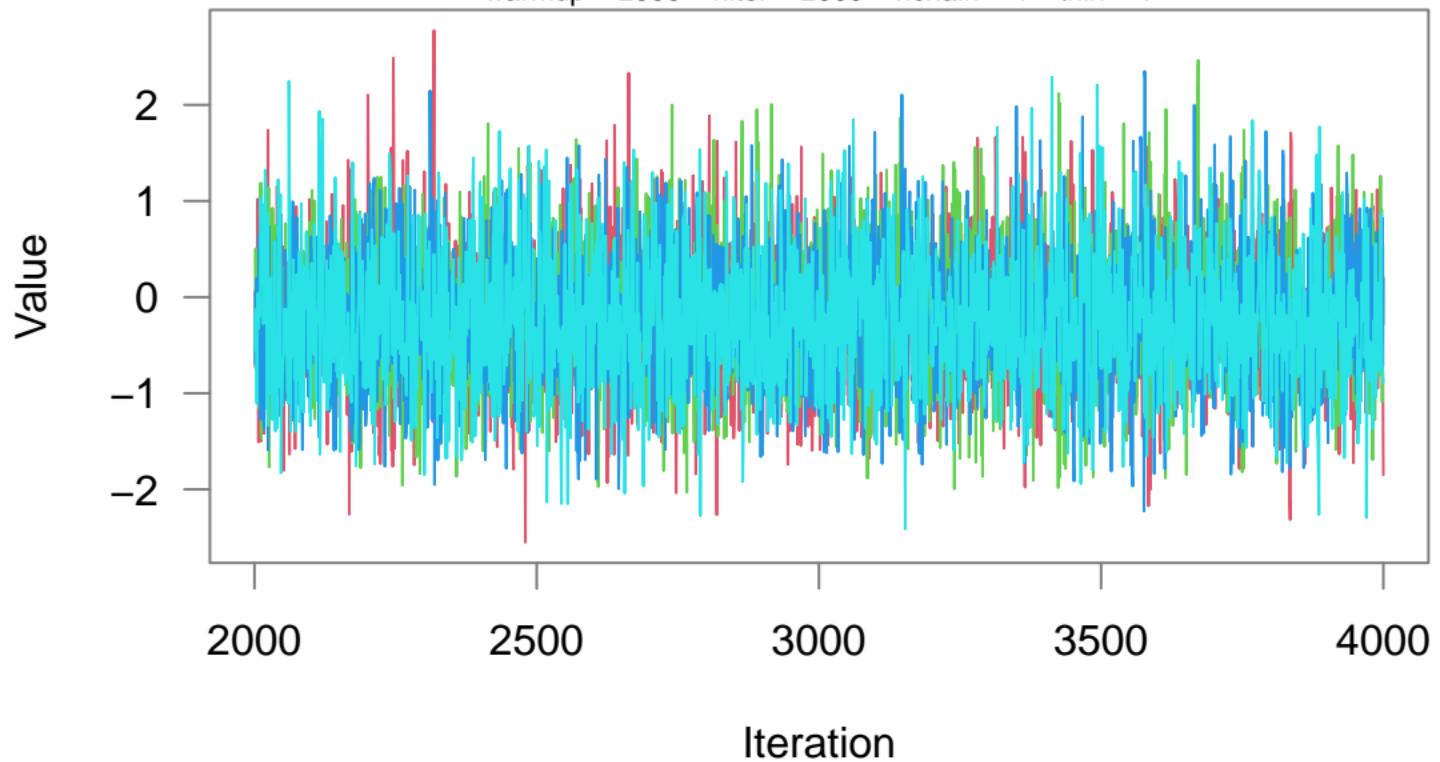
z_2[1,46]

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



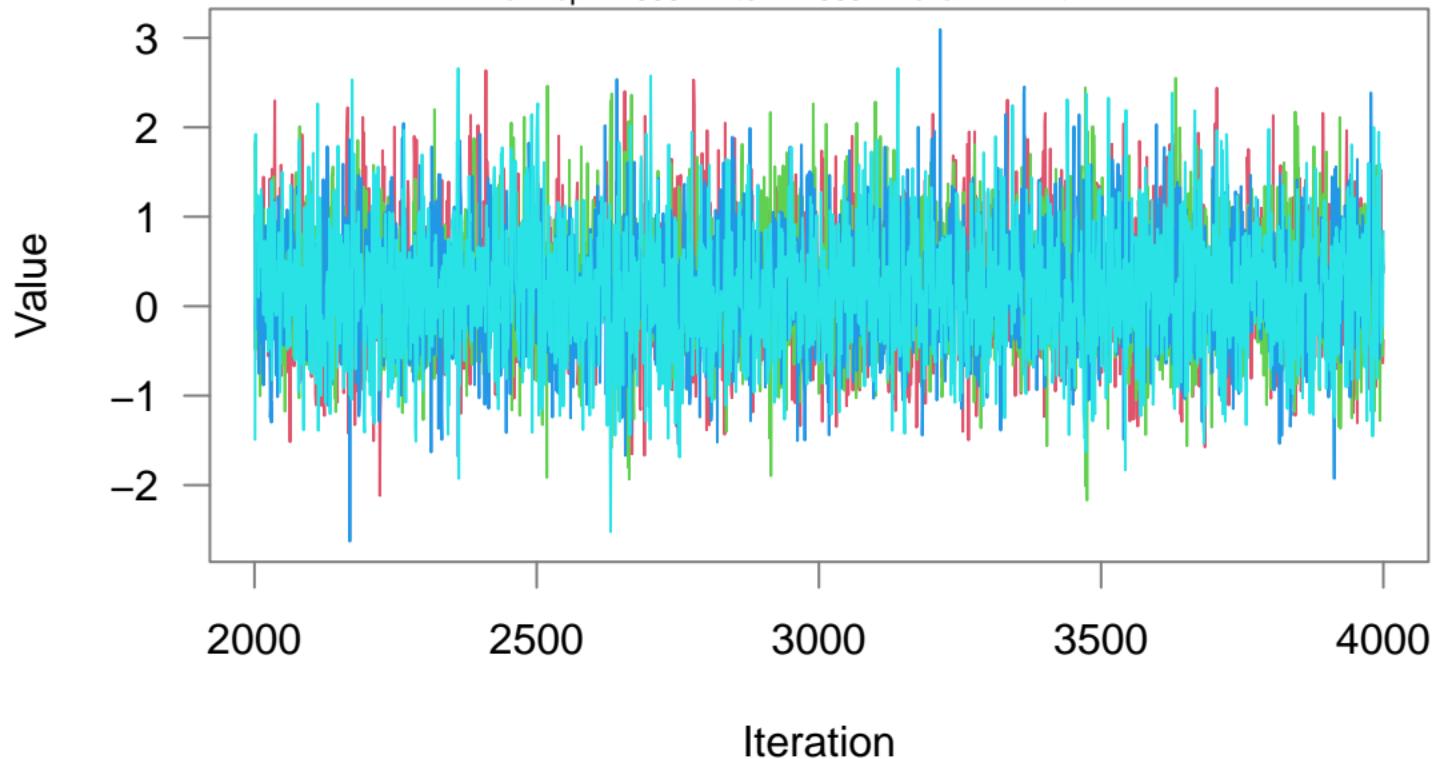
$z_2[1,47]$

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



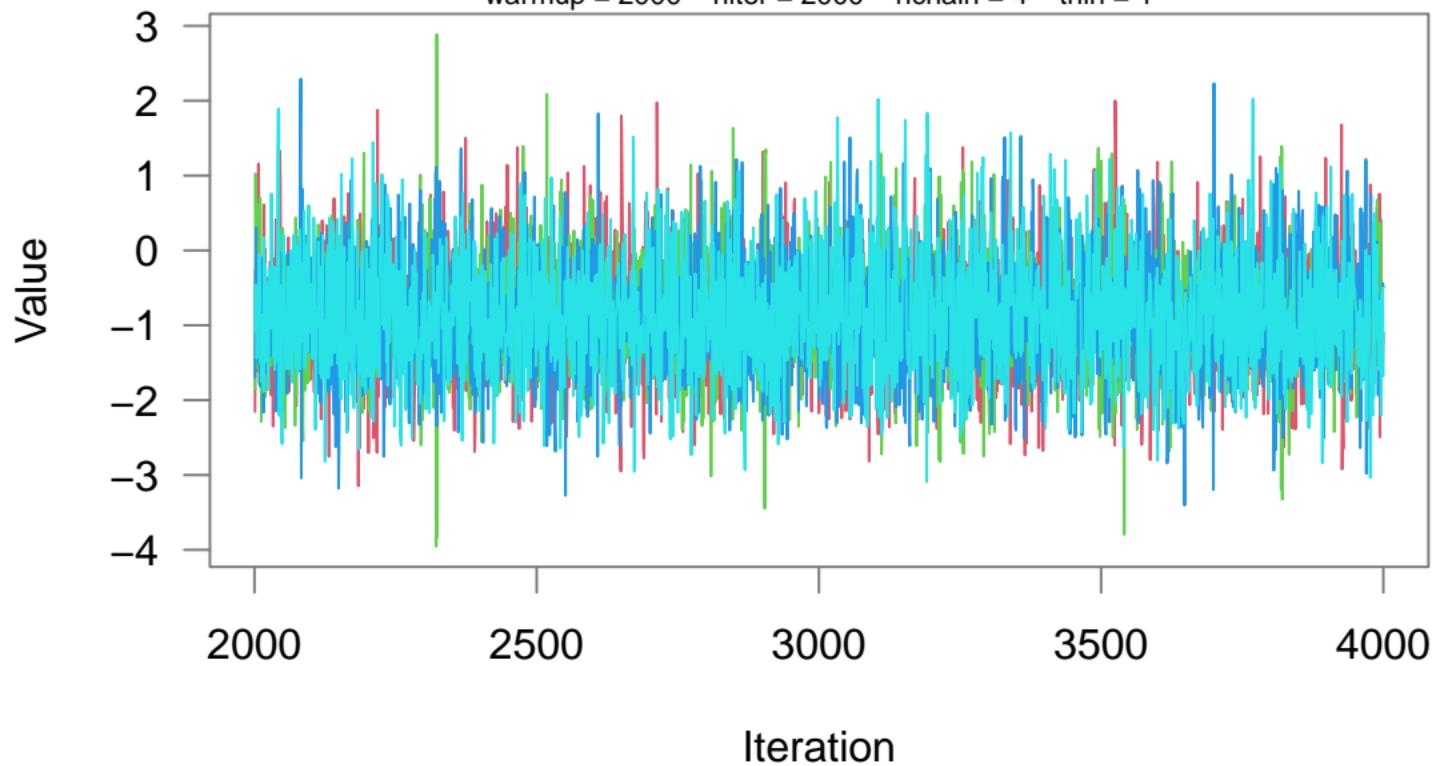
z_2[1,48]

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



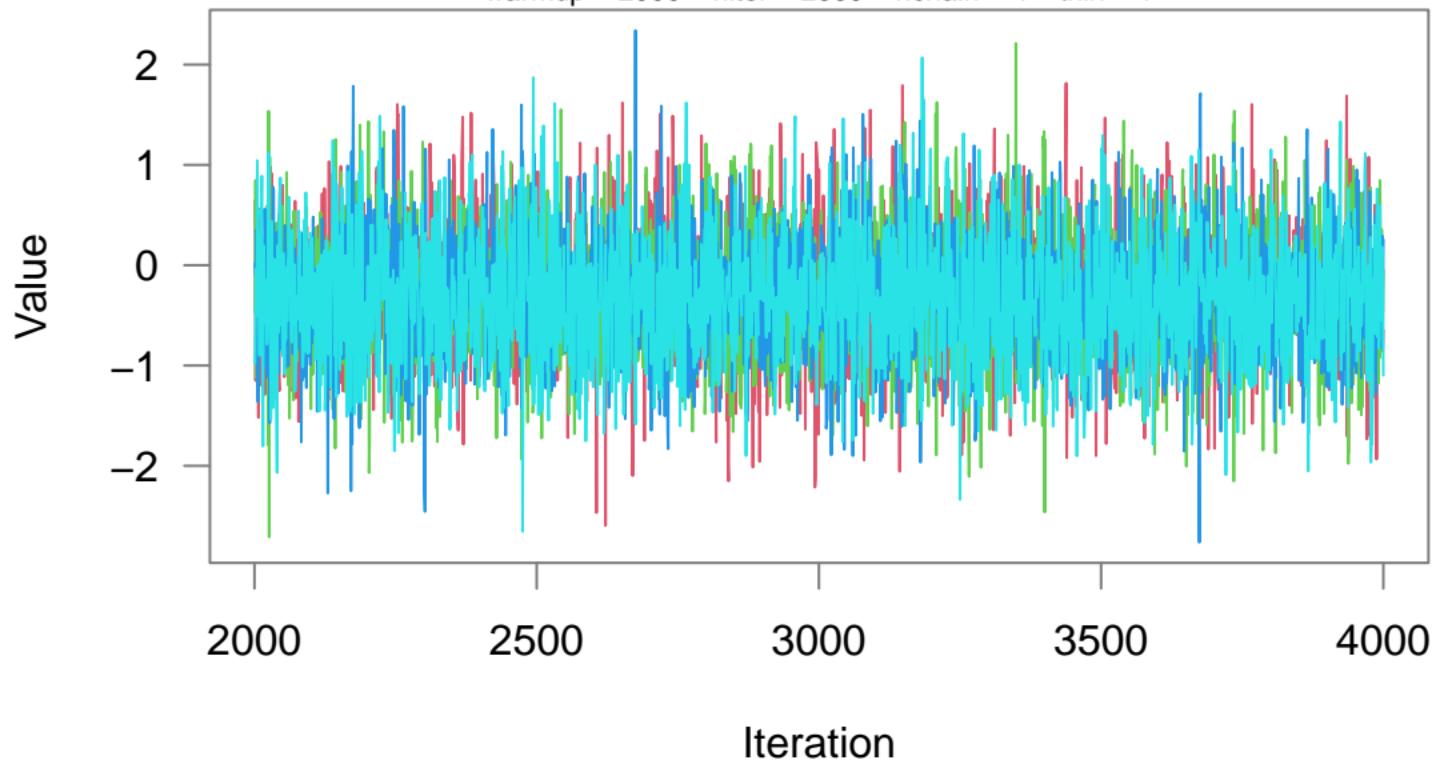
z_2[1,49]

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



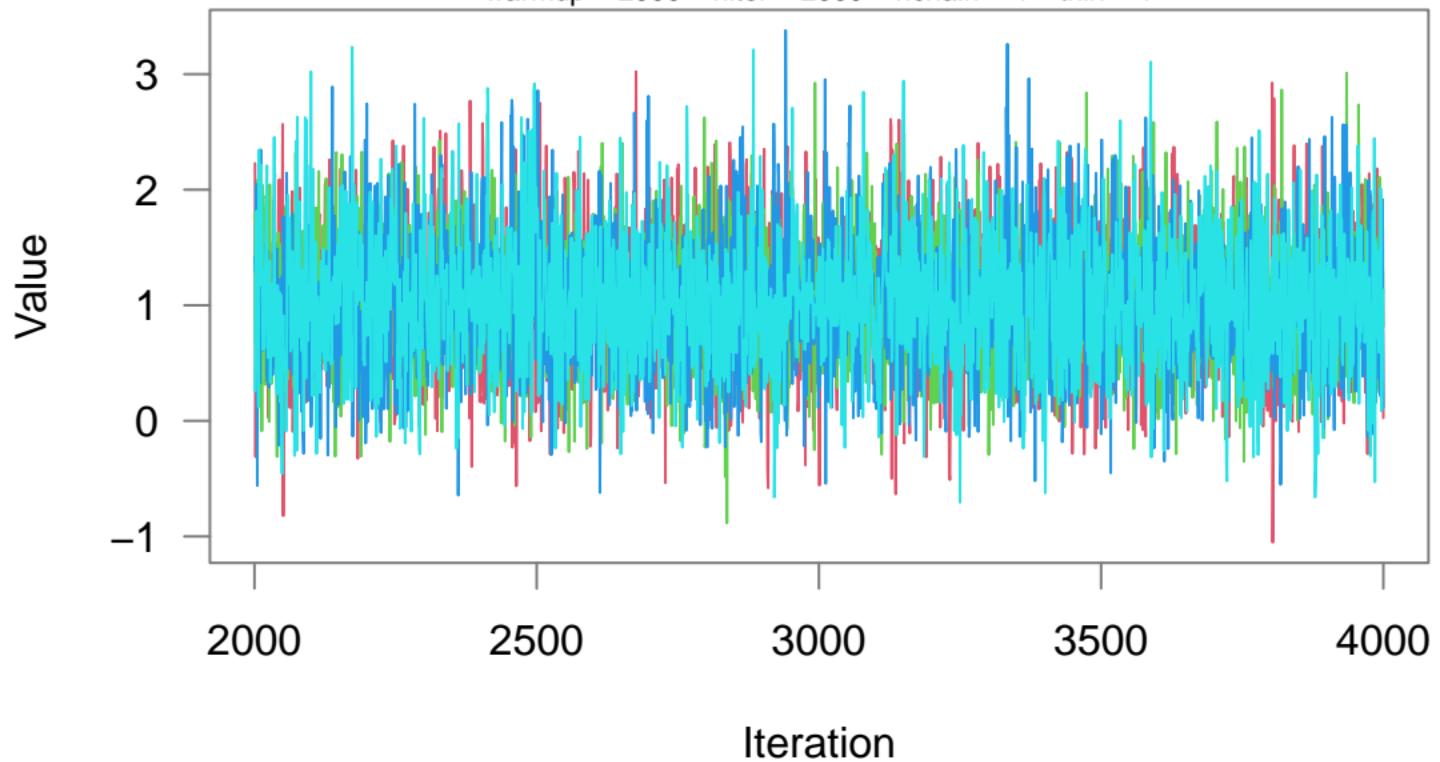
z_2[1,50]

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



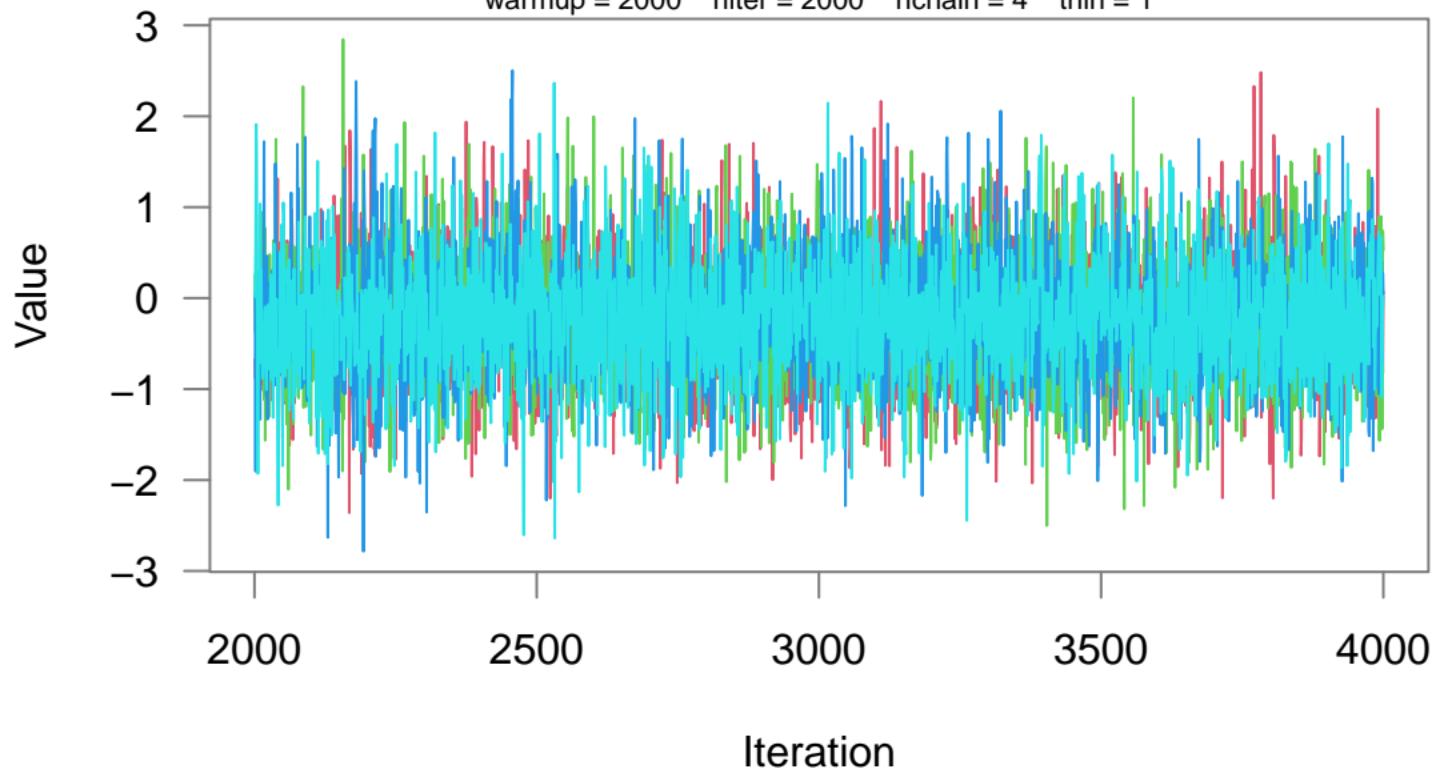
$z_2[1,51]$

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



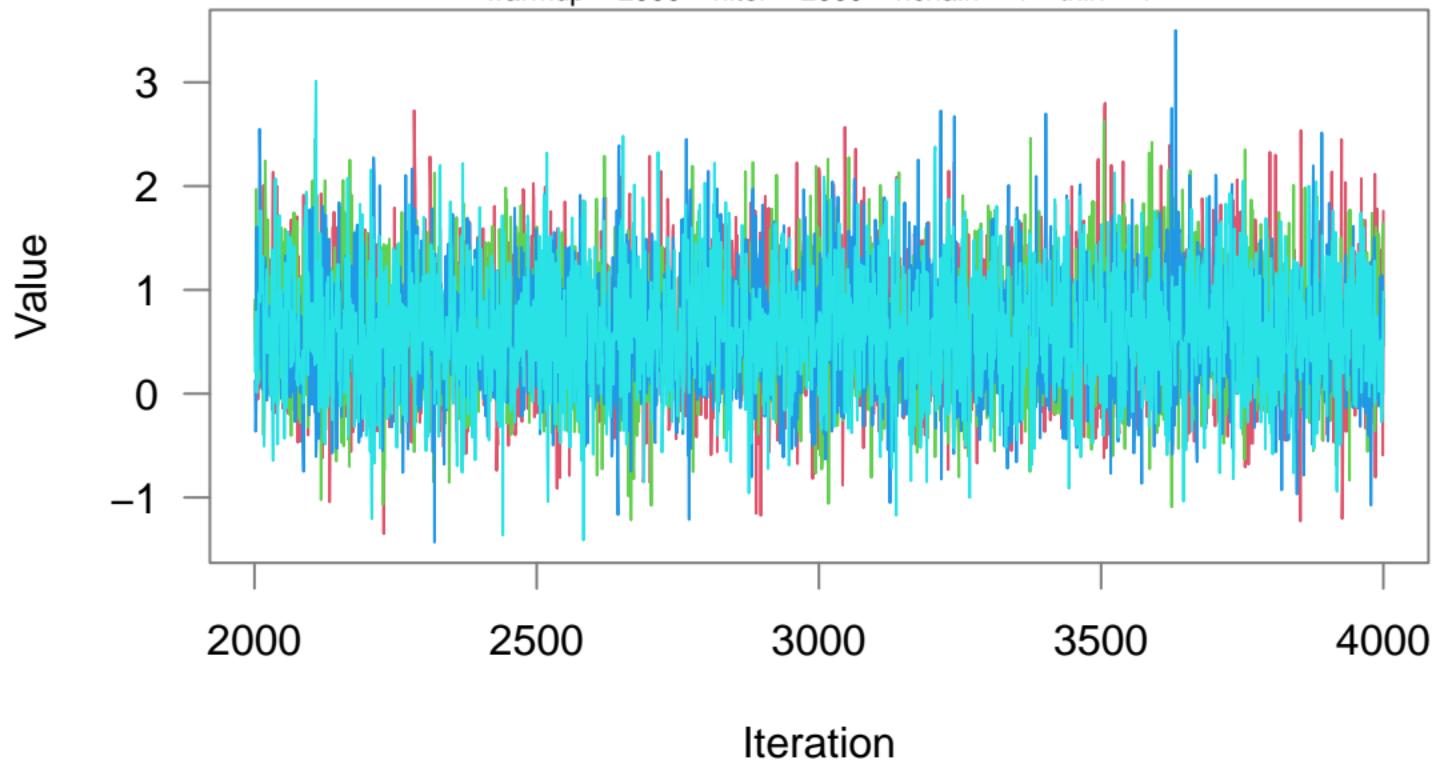
$z_2[1,52]$

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



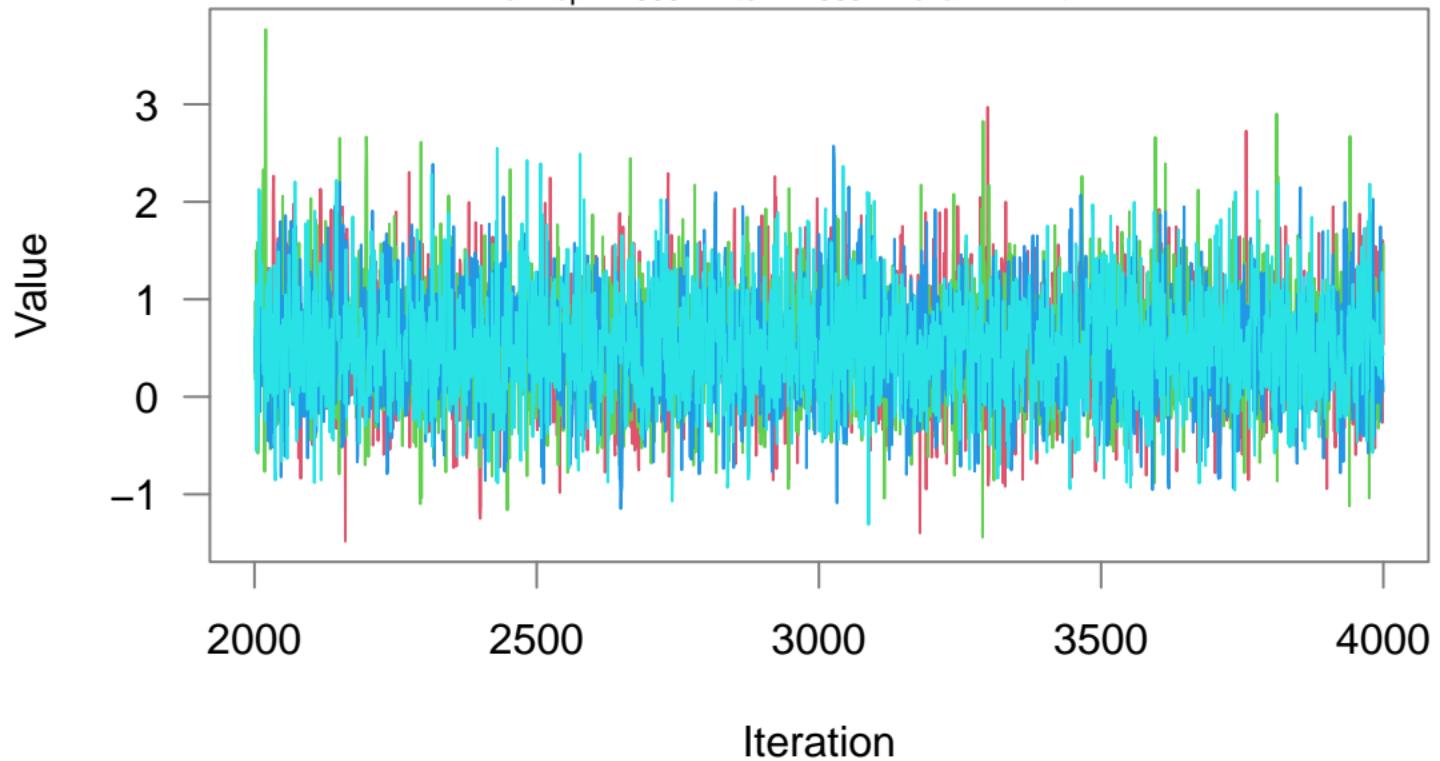
z_2[1,53]

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



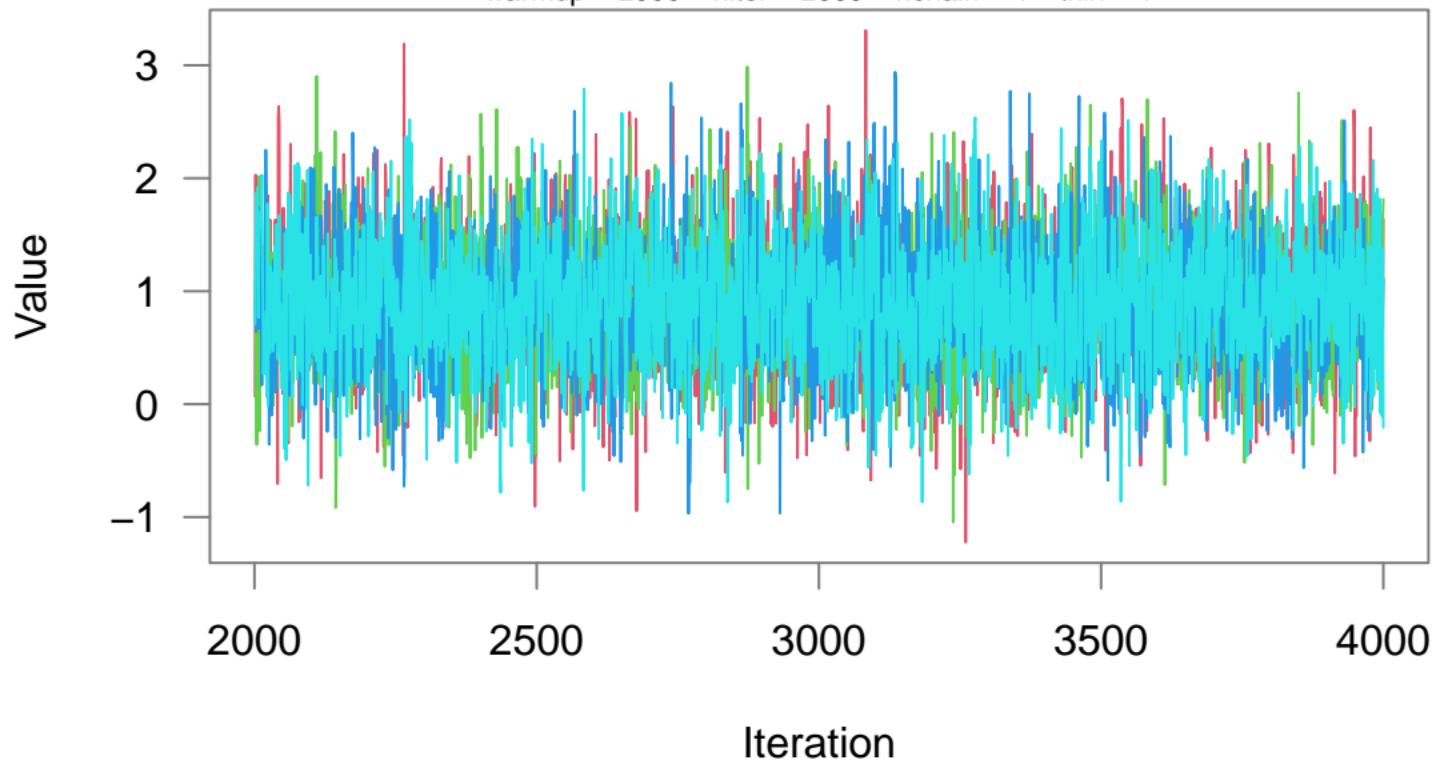
$z_2[1,54]$

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



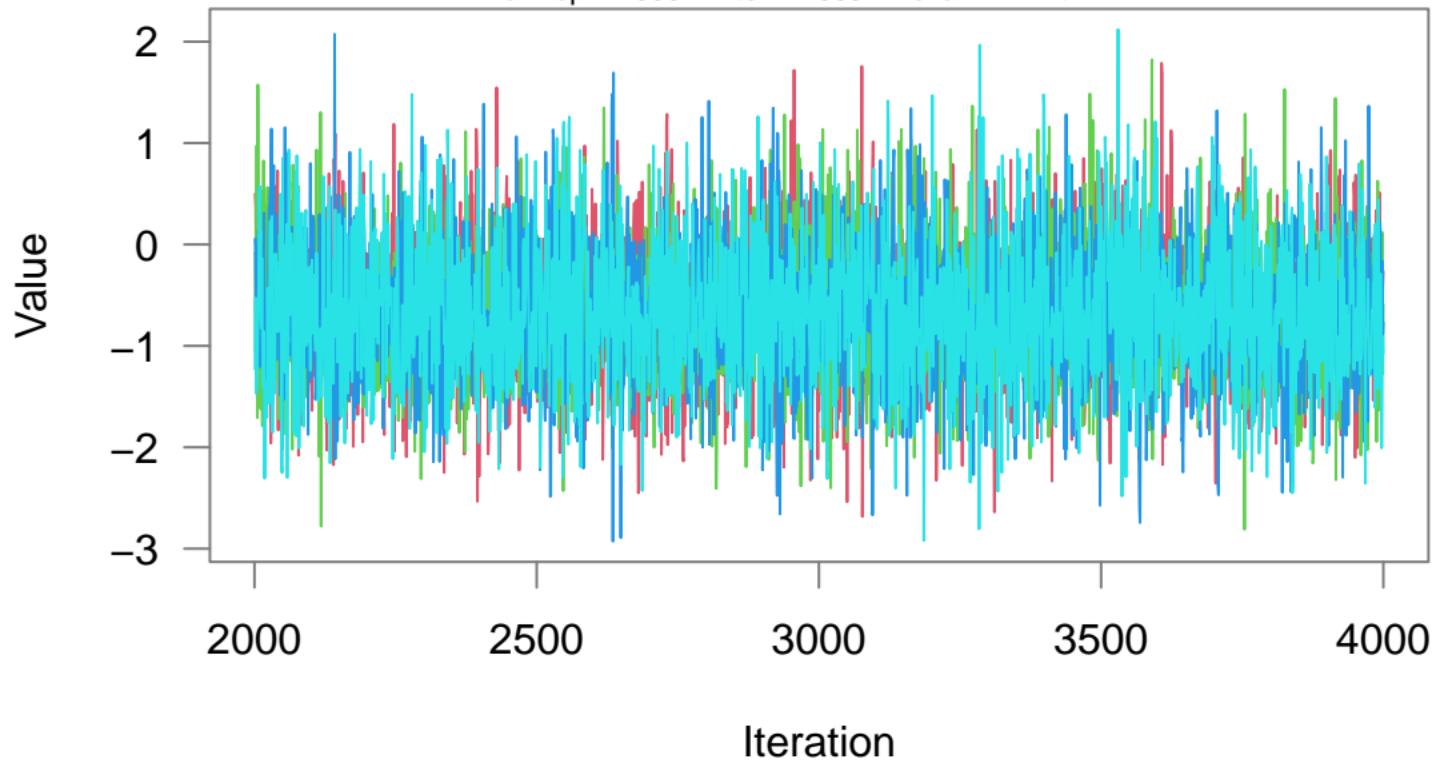
z_2[1,55]

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



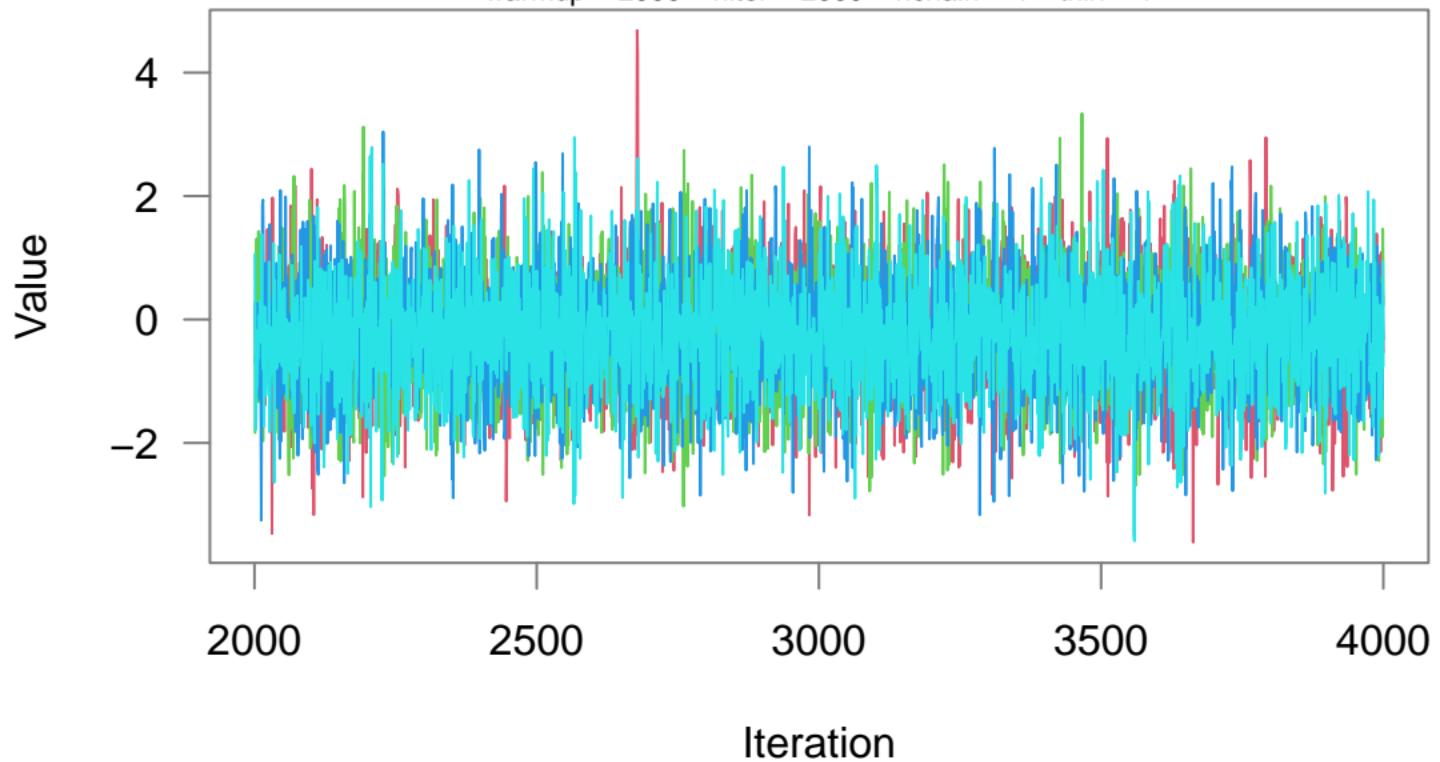
z_2[1,56]

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



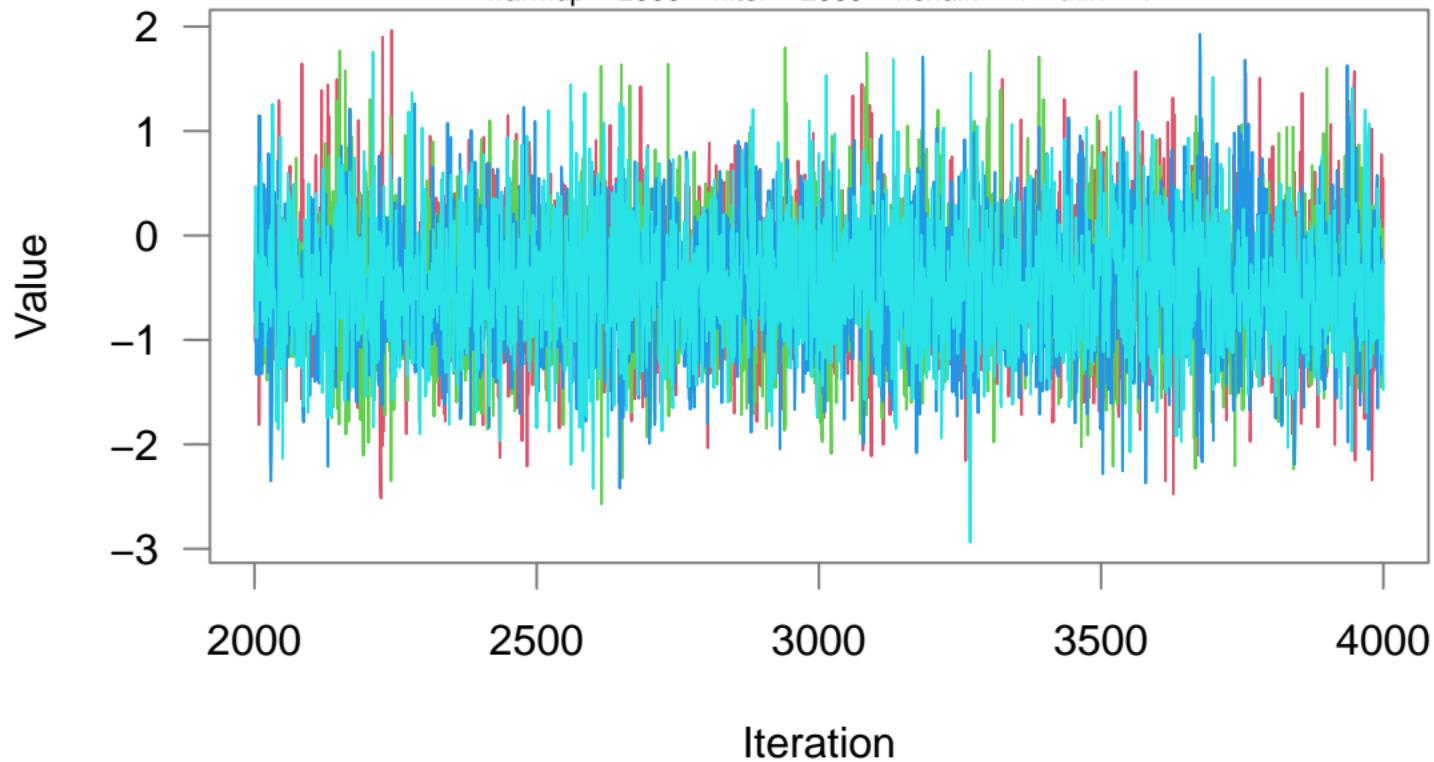
z_2[1,57]

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



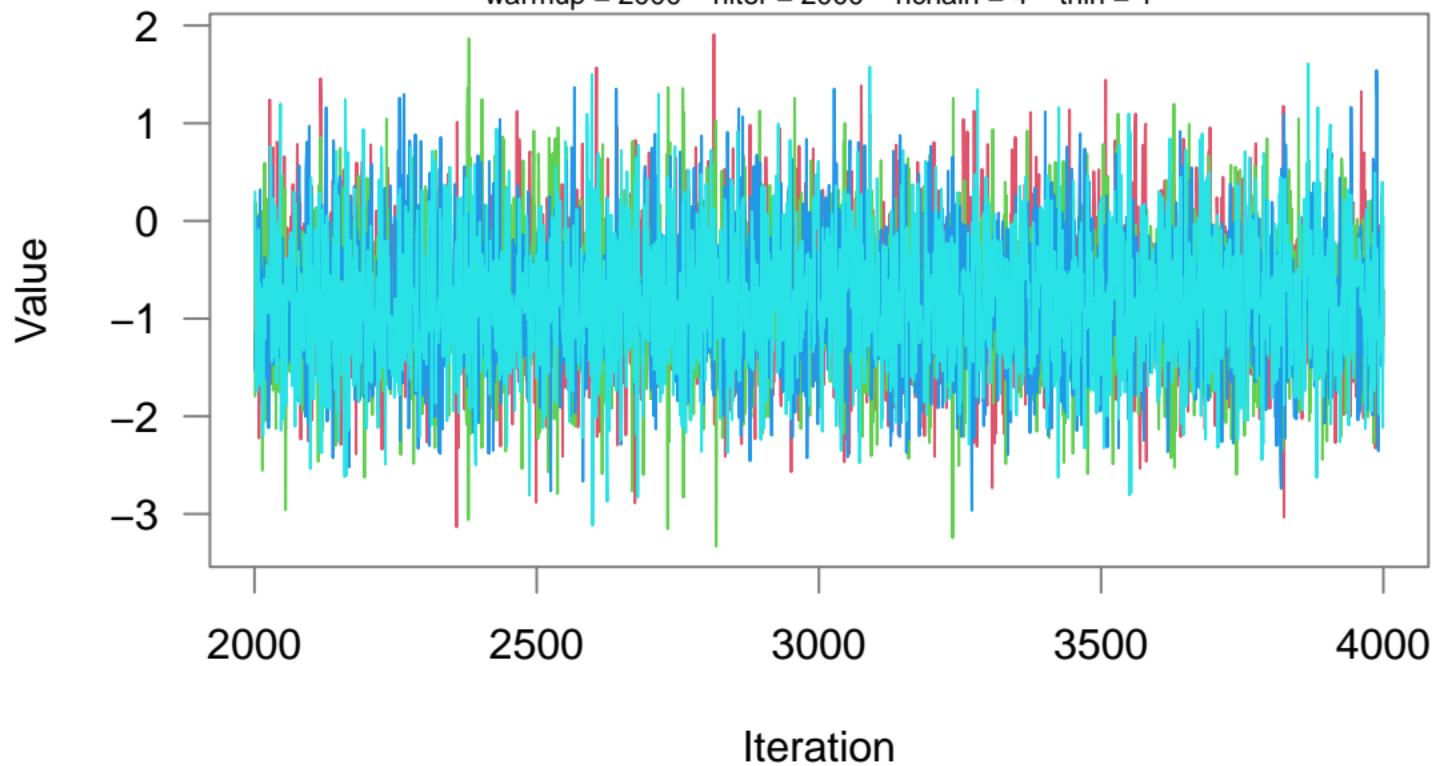
z_2[1,58]

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



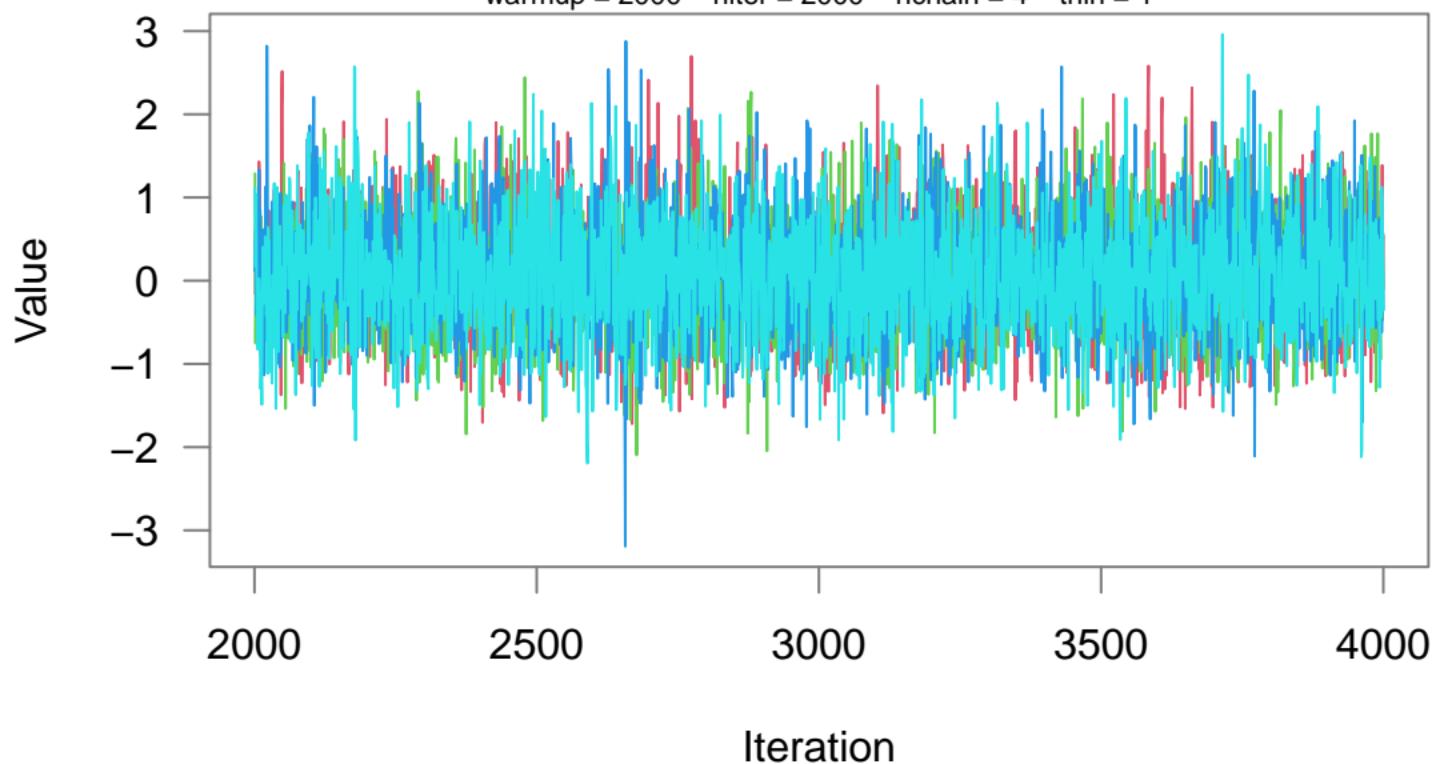
z_2[1,59]

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



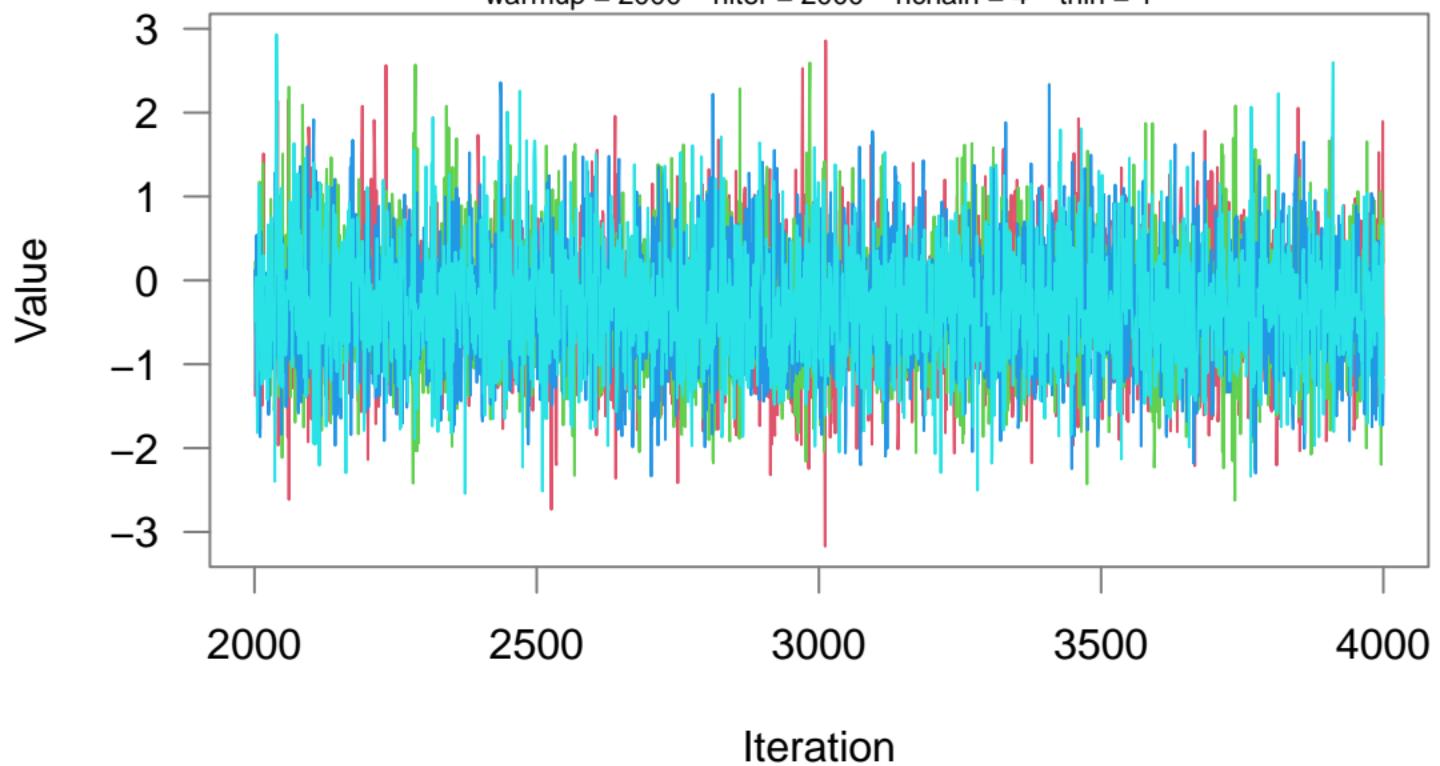
$z_2[1,60]$

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



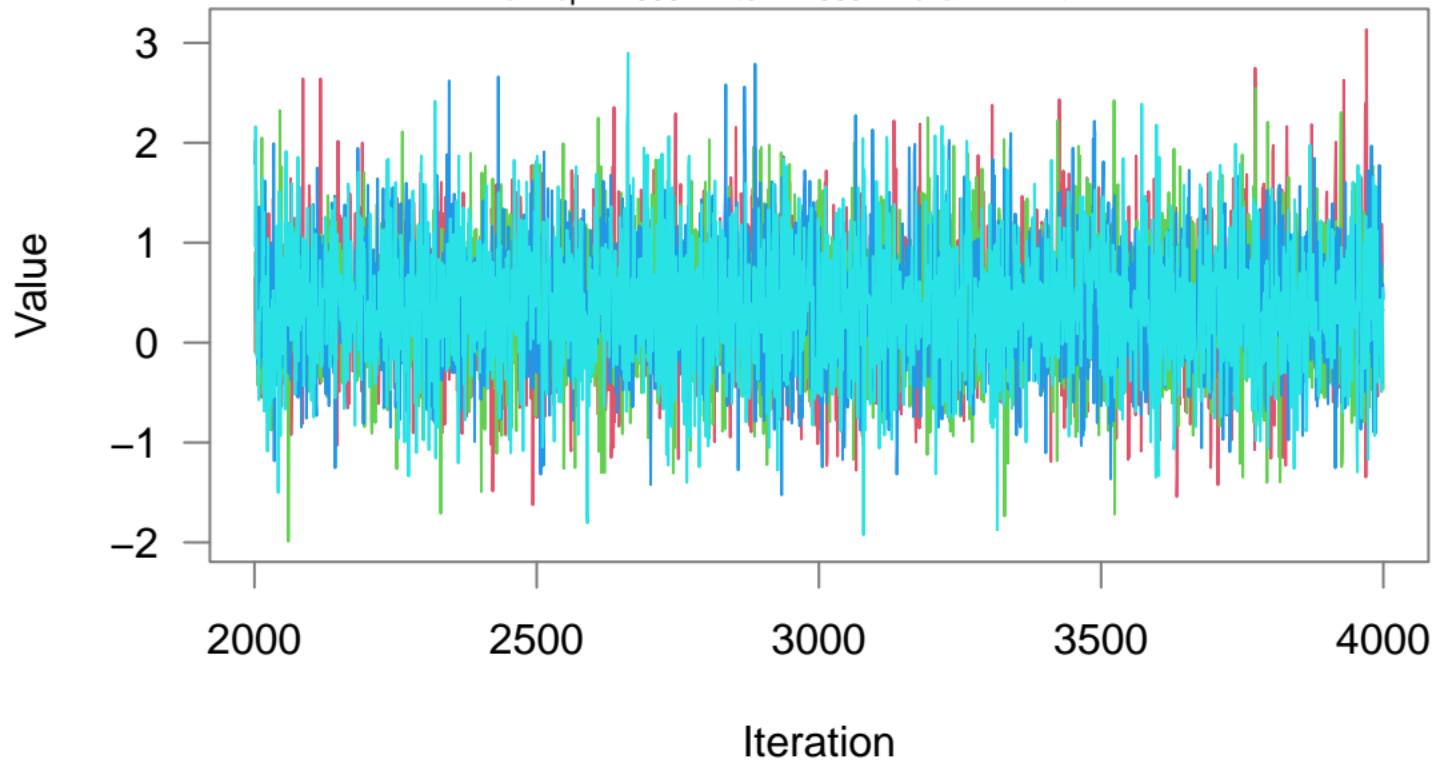
z_2[1,61]

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



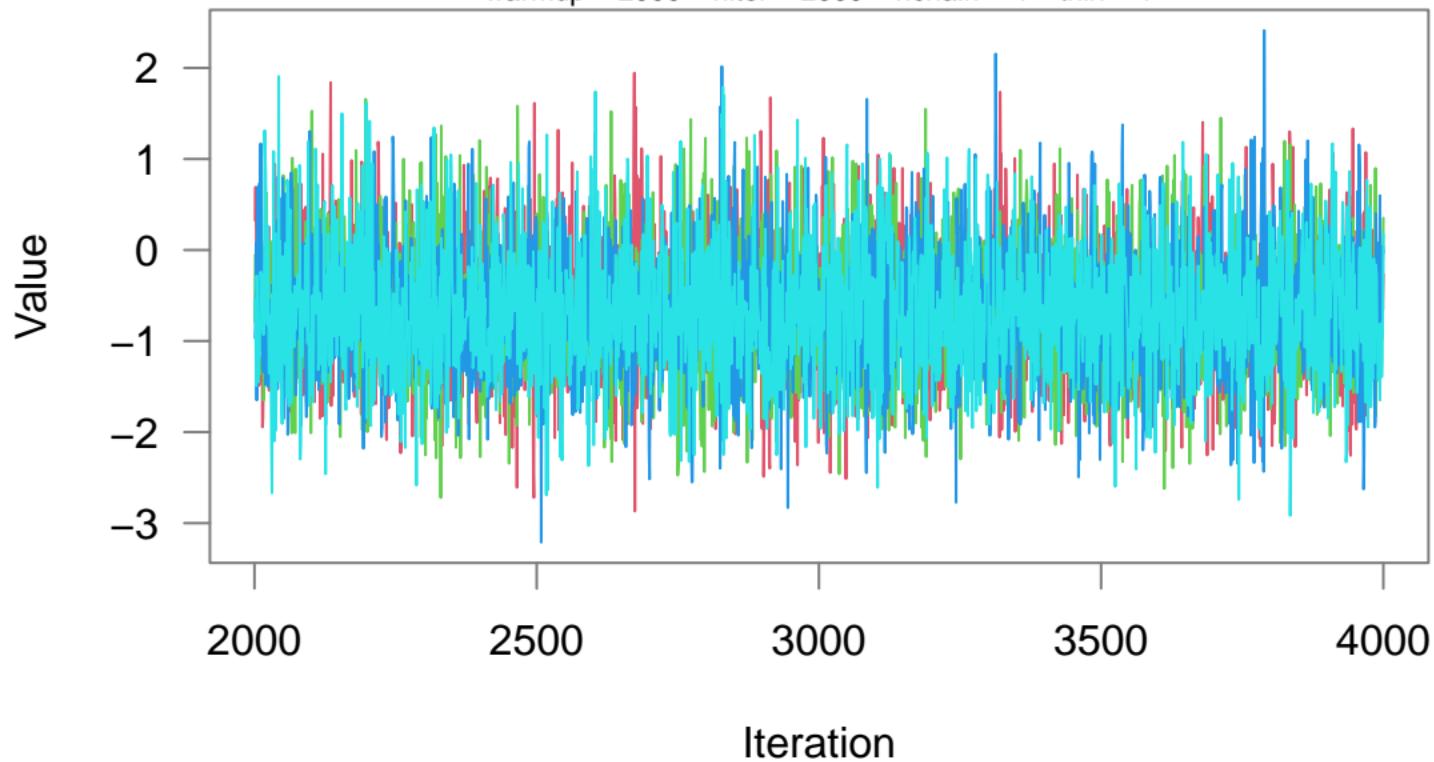
$z_2[1,62]$

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



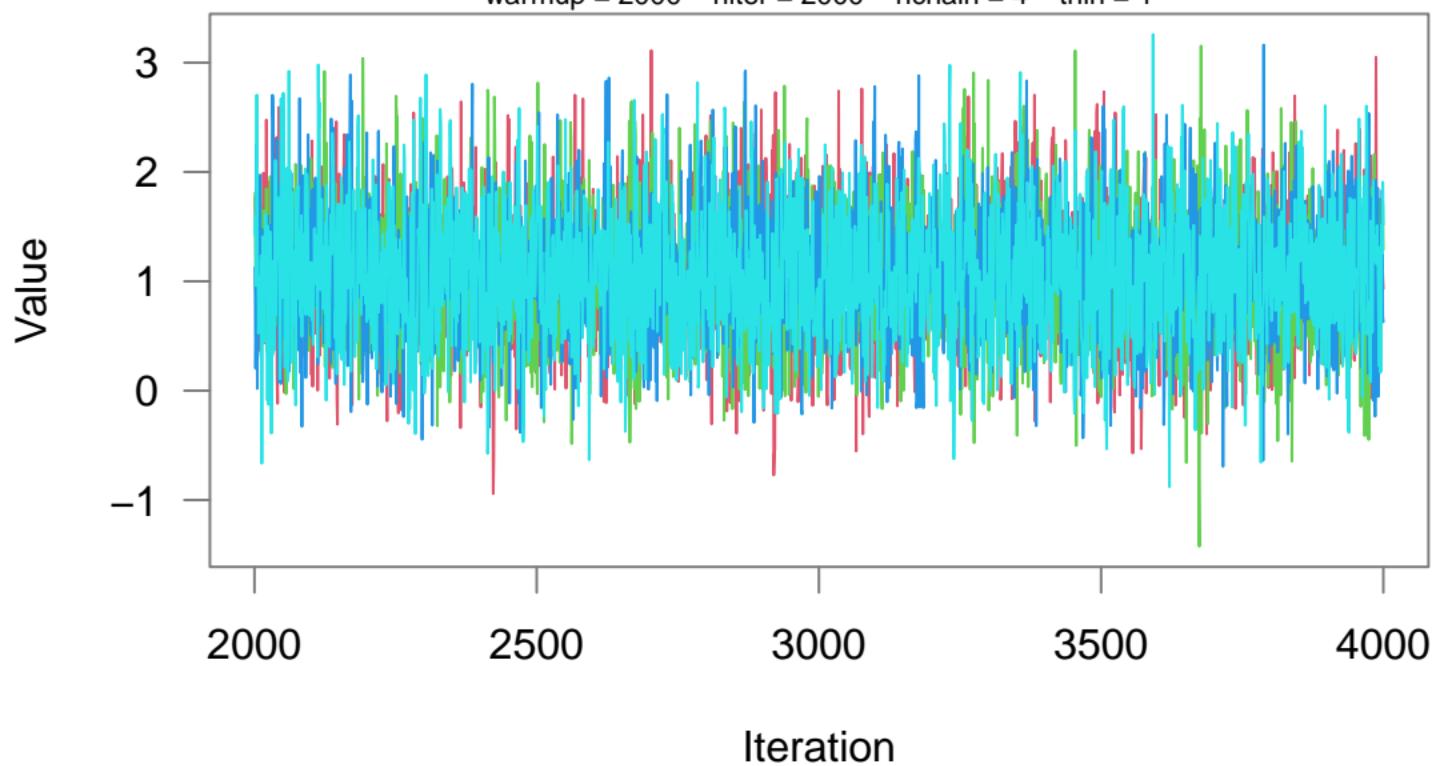
$z_2[1,63]$

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



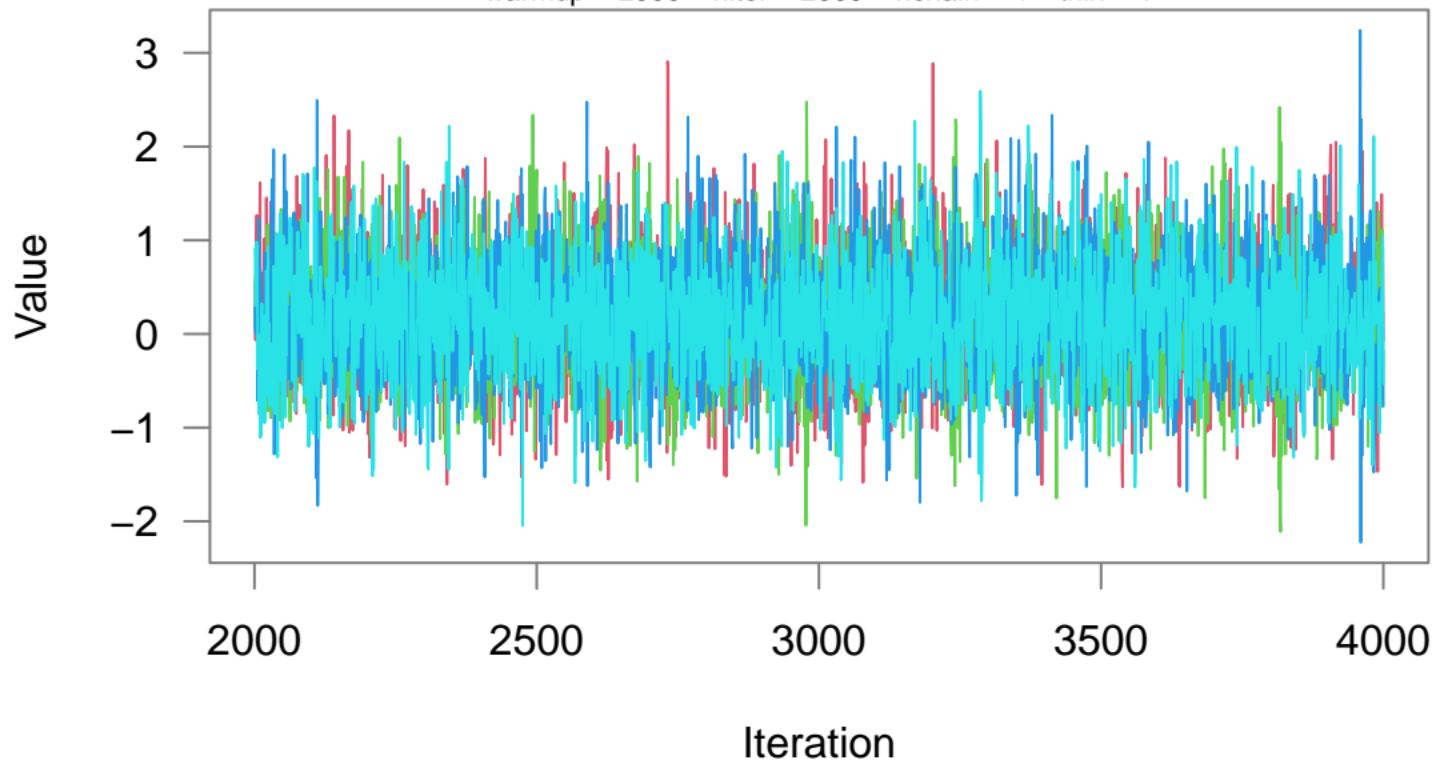
$z_2[1,64]$

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



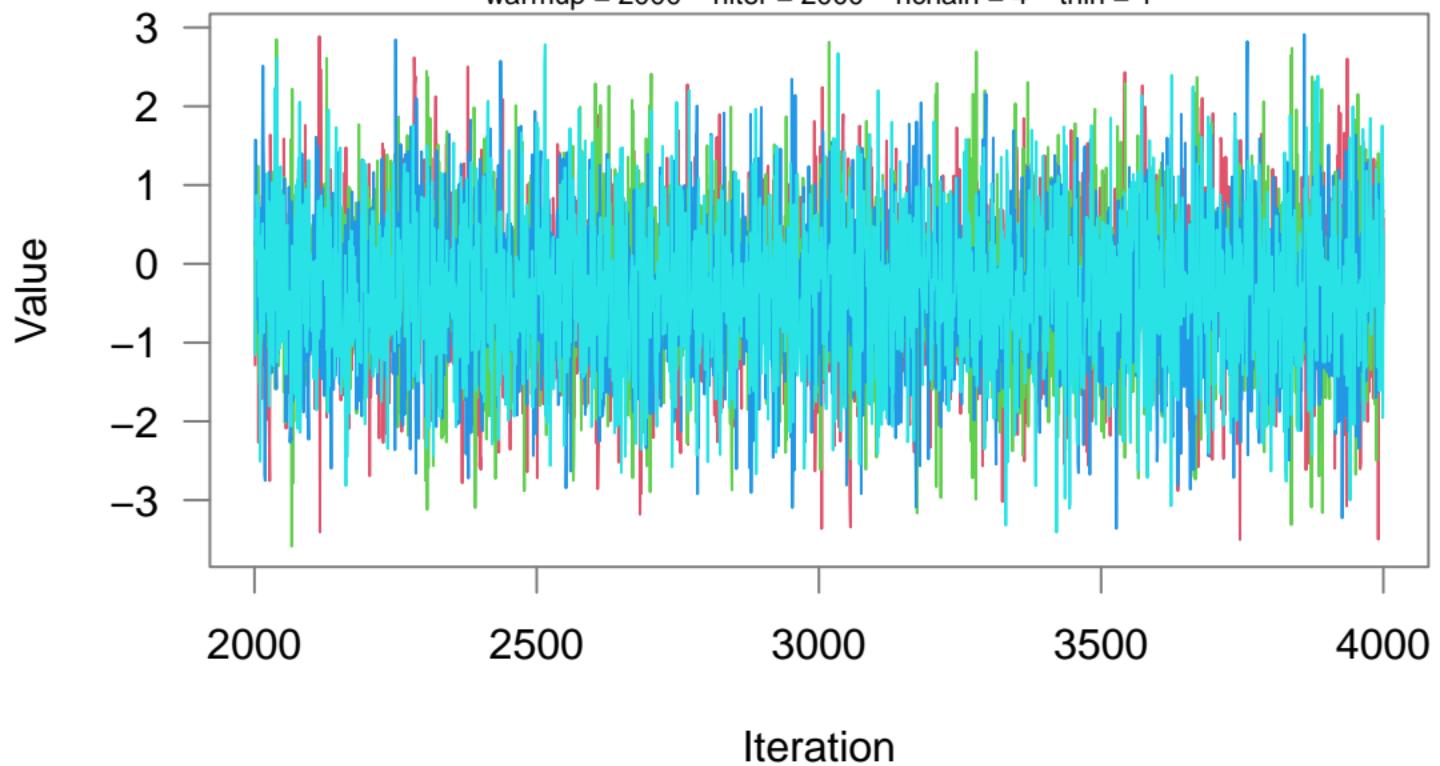
$z_2[1,65]$

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

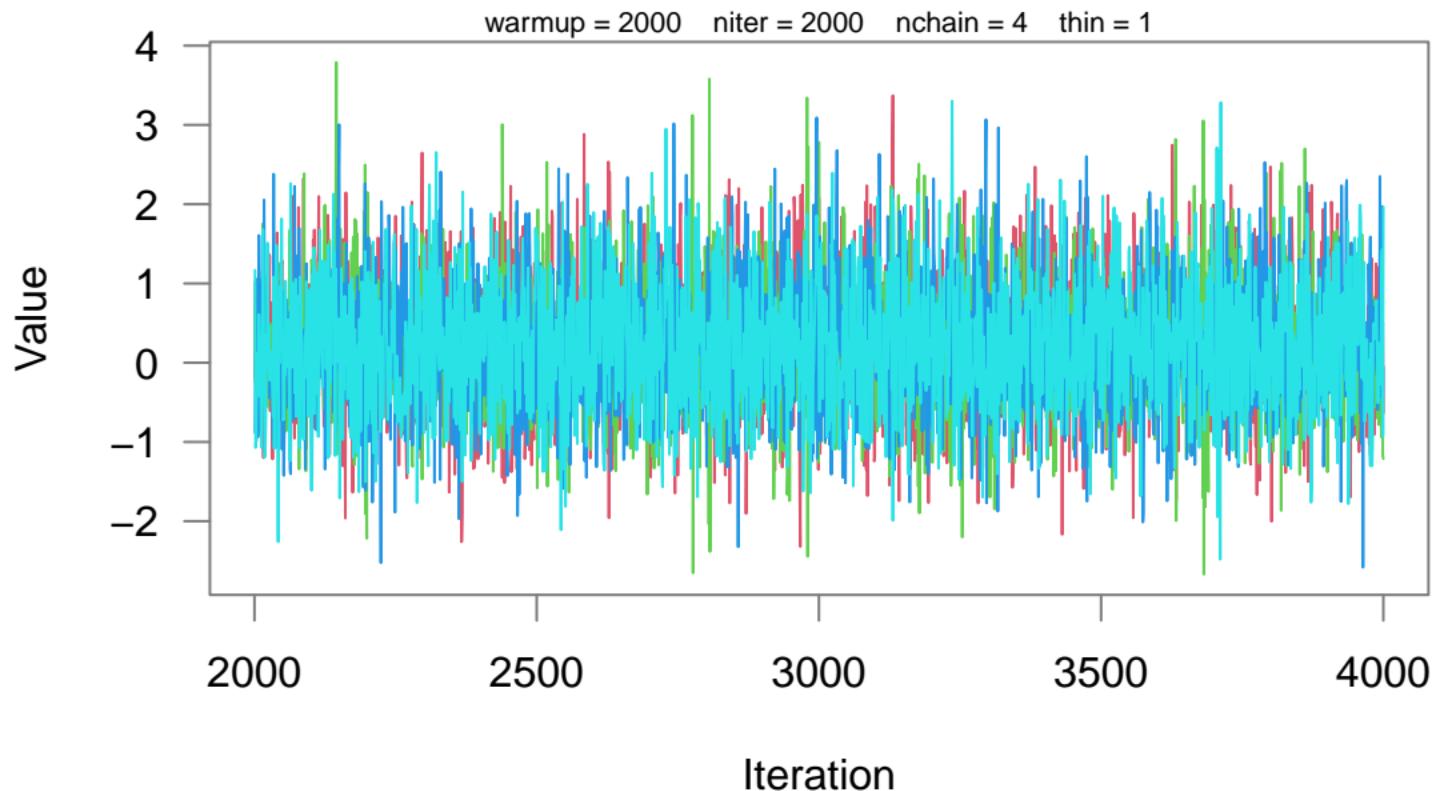


z_2[1,66]

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

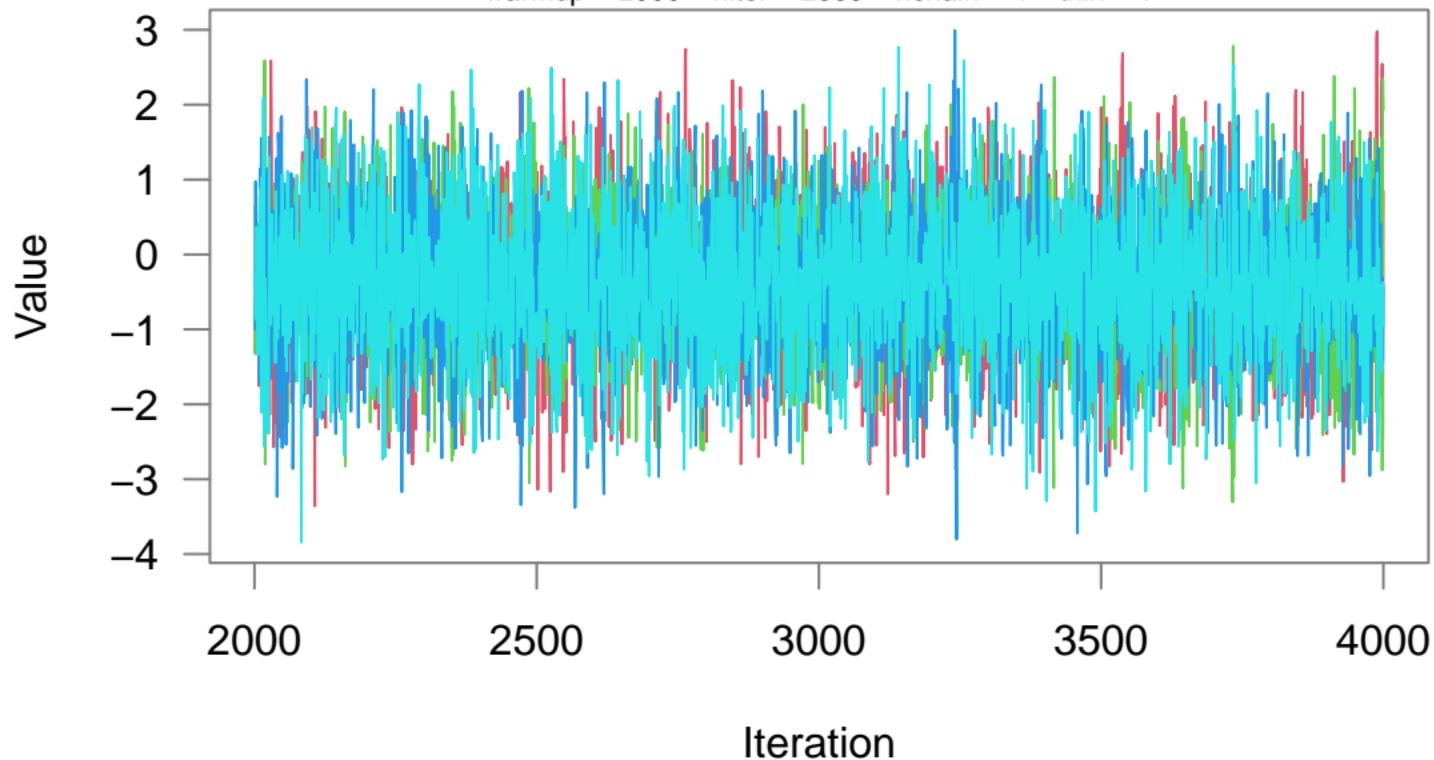


z_2[1,67]



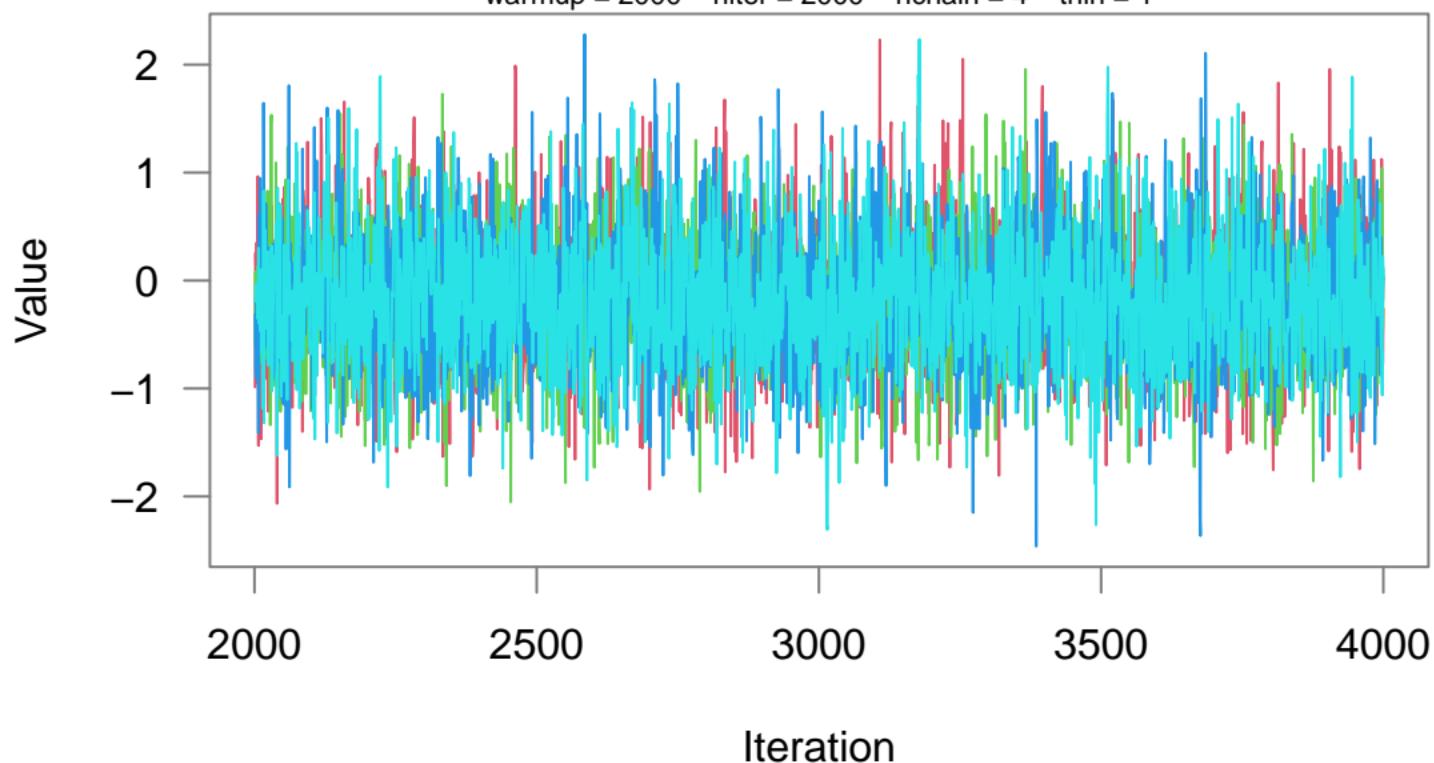
$z_2[1,68]$

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



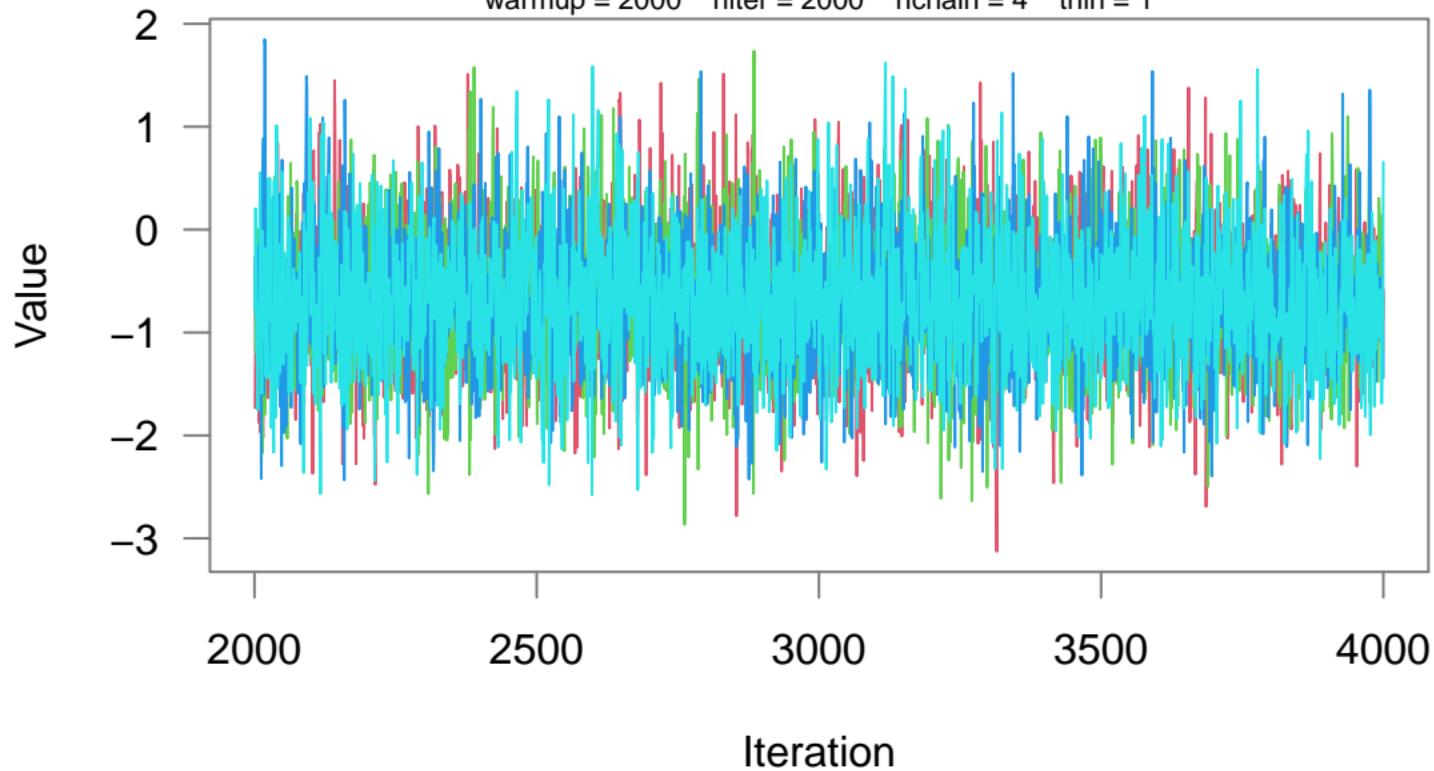
z_2[1,69]

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



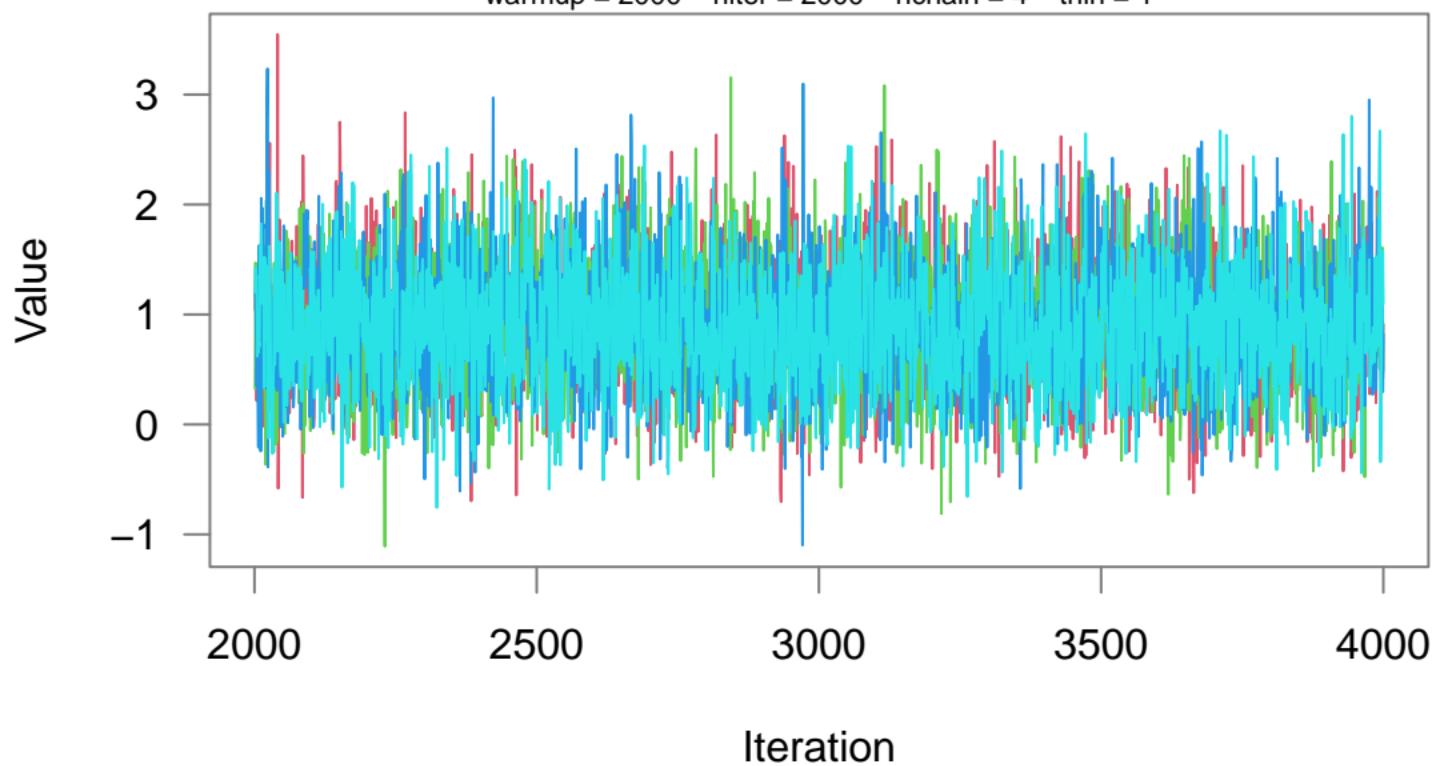
z_2[1,70]

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



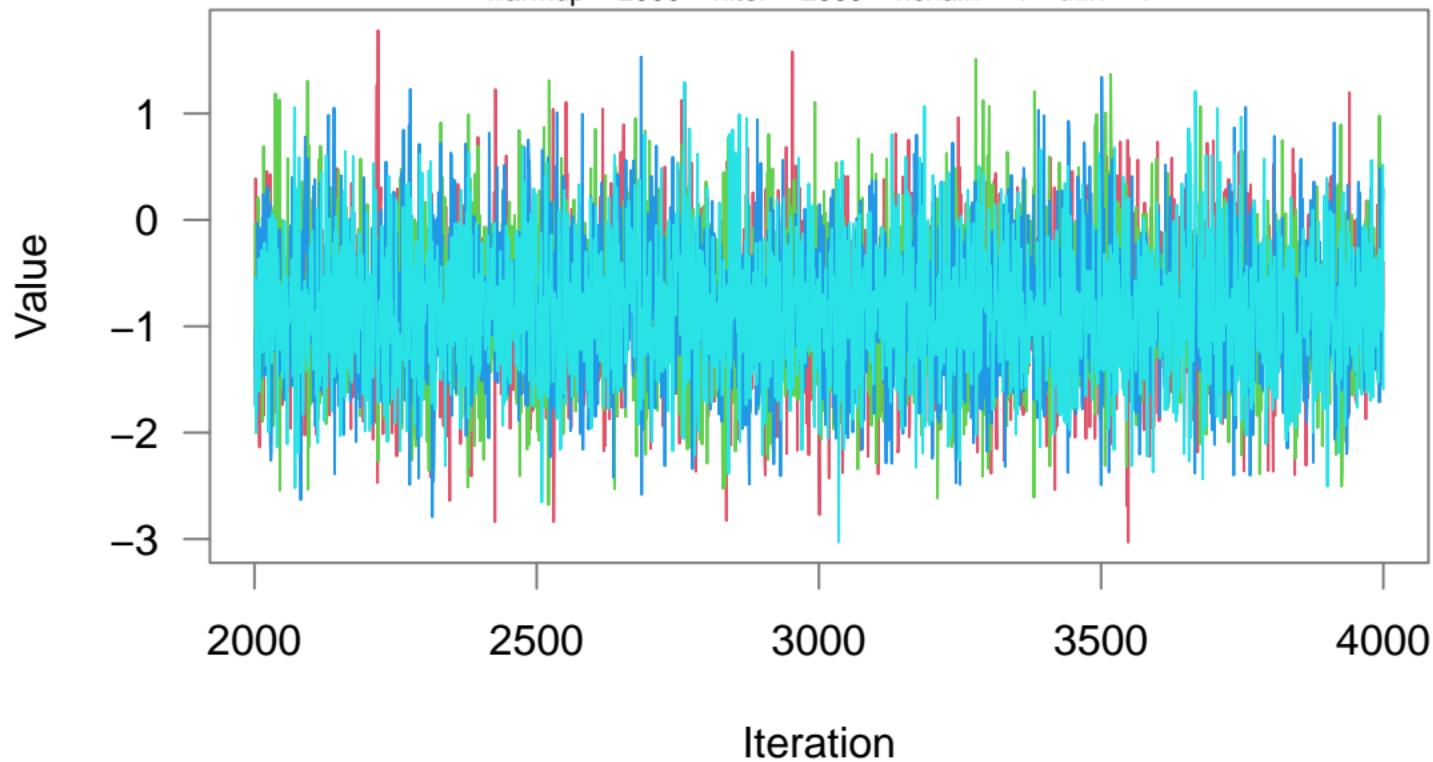
z_2[1,71]

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



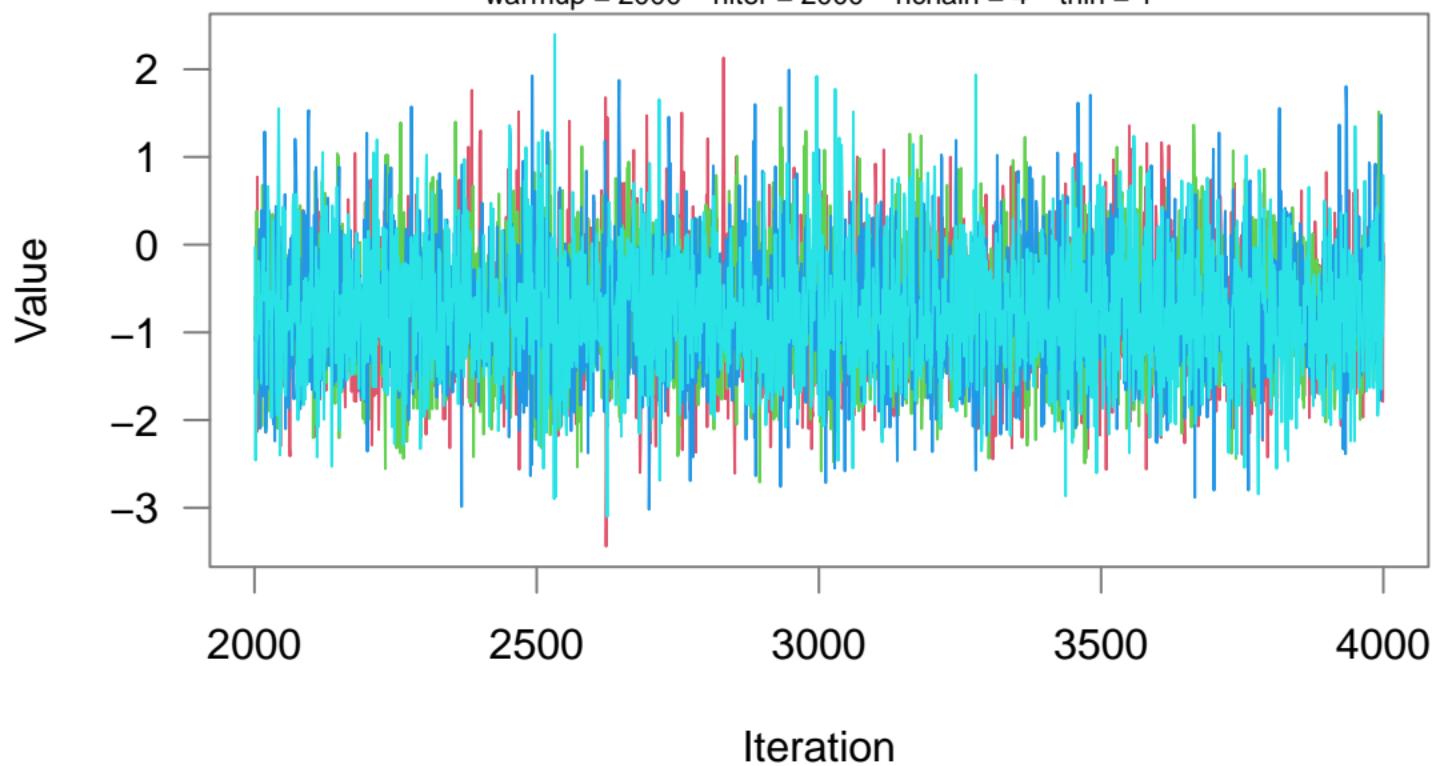
$z_2[1,72]$

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



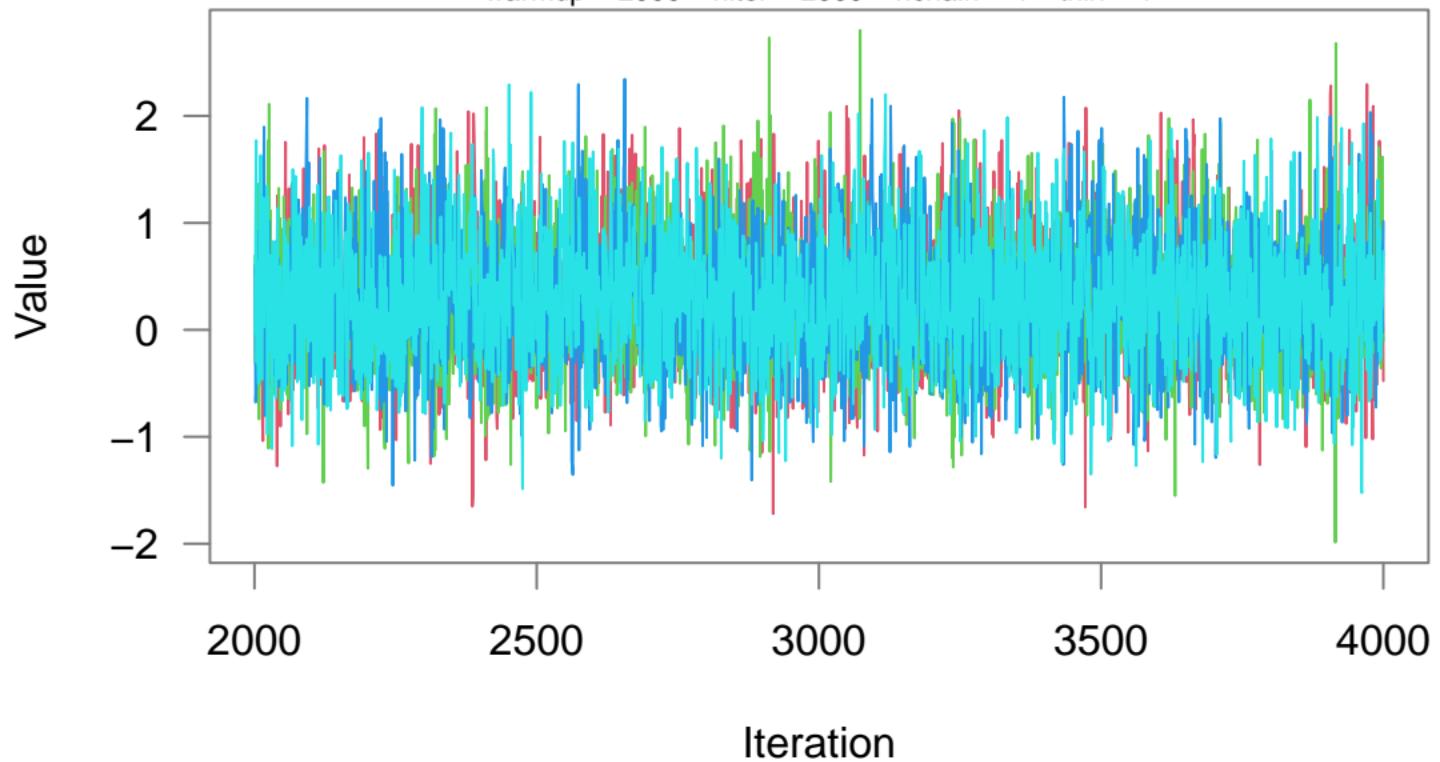
z_2[1,73]

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



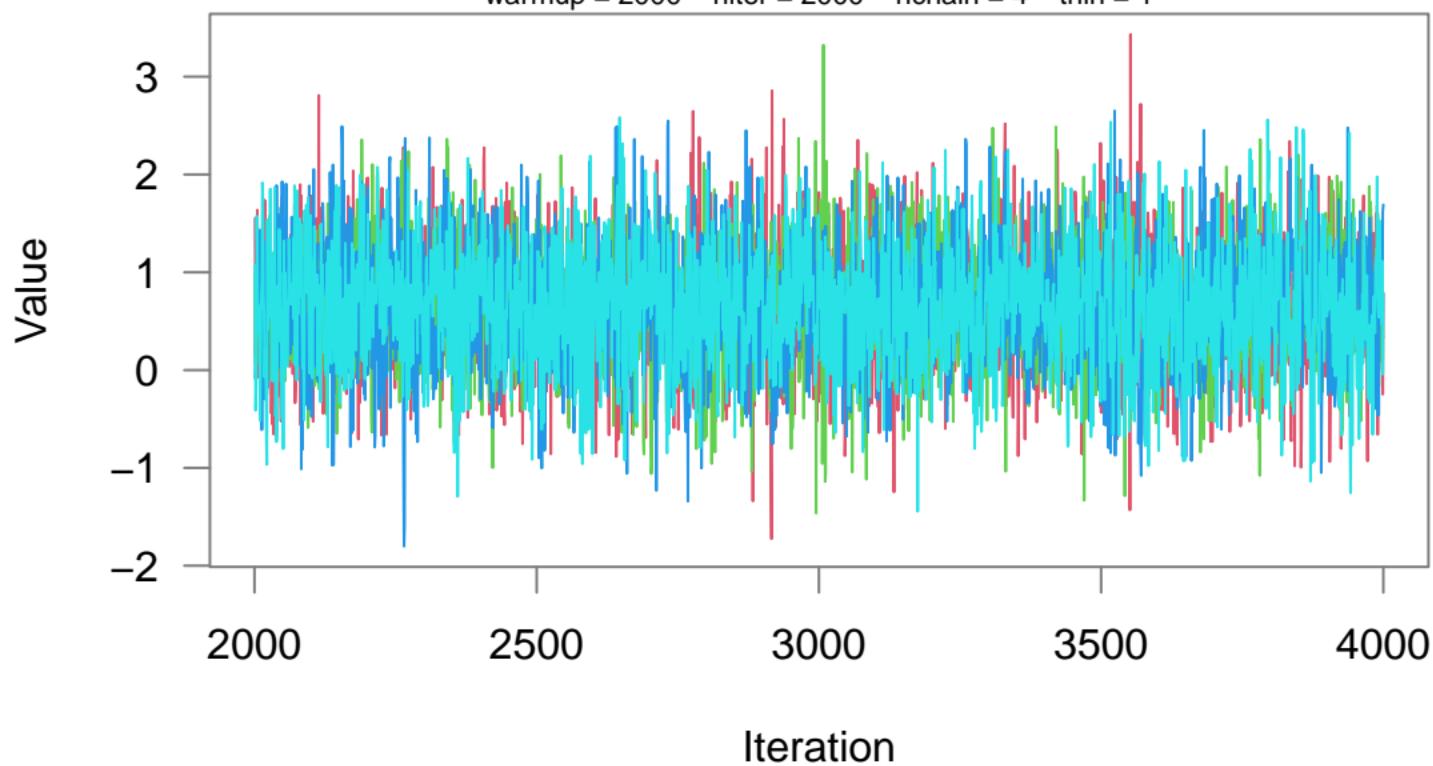
z_2[1,74]

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



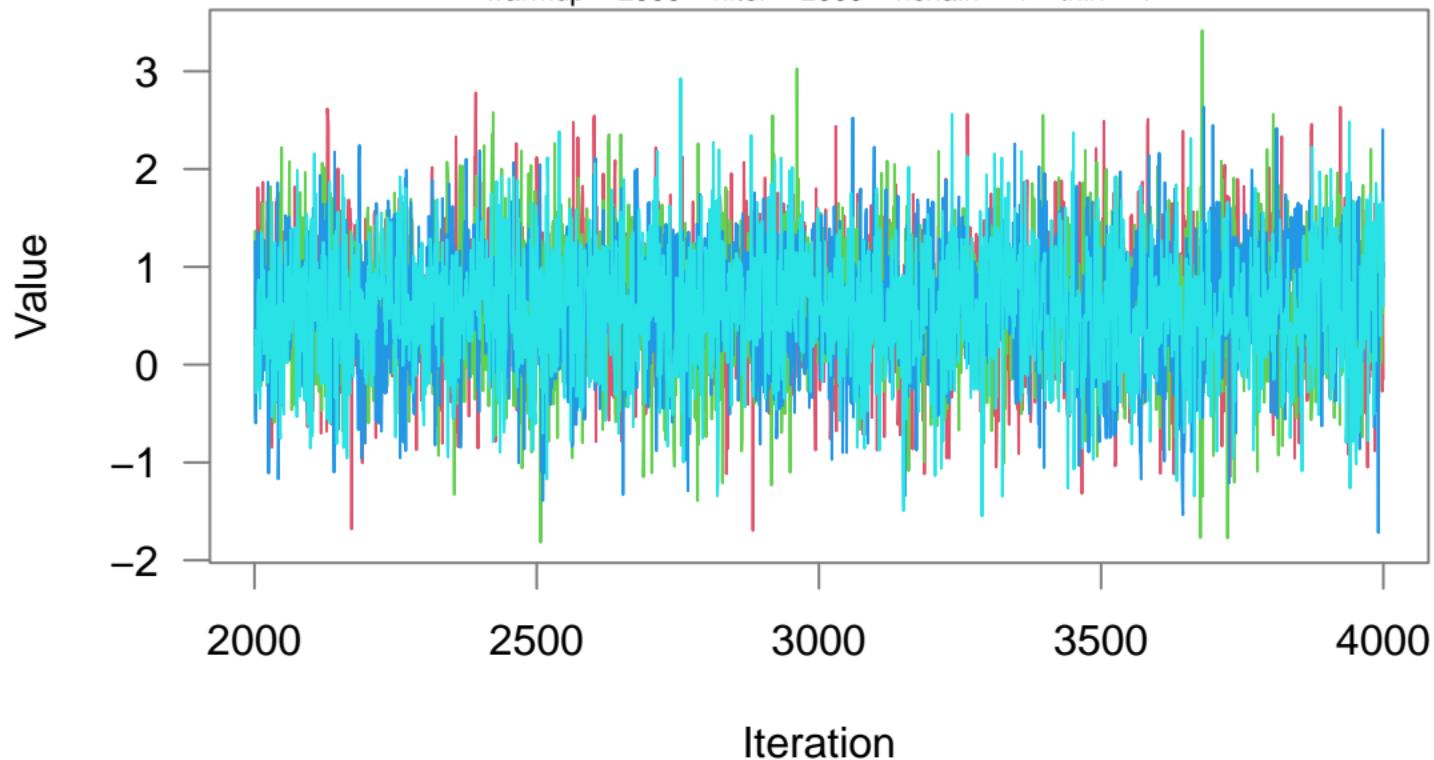
$z_2[1,75]$

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



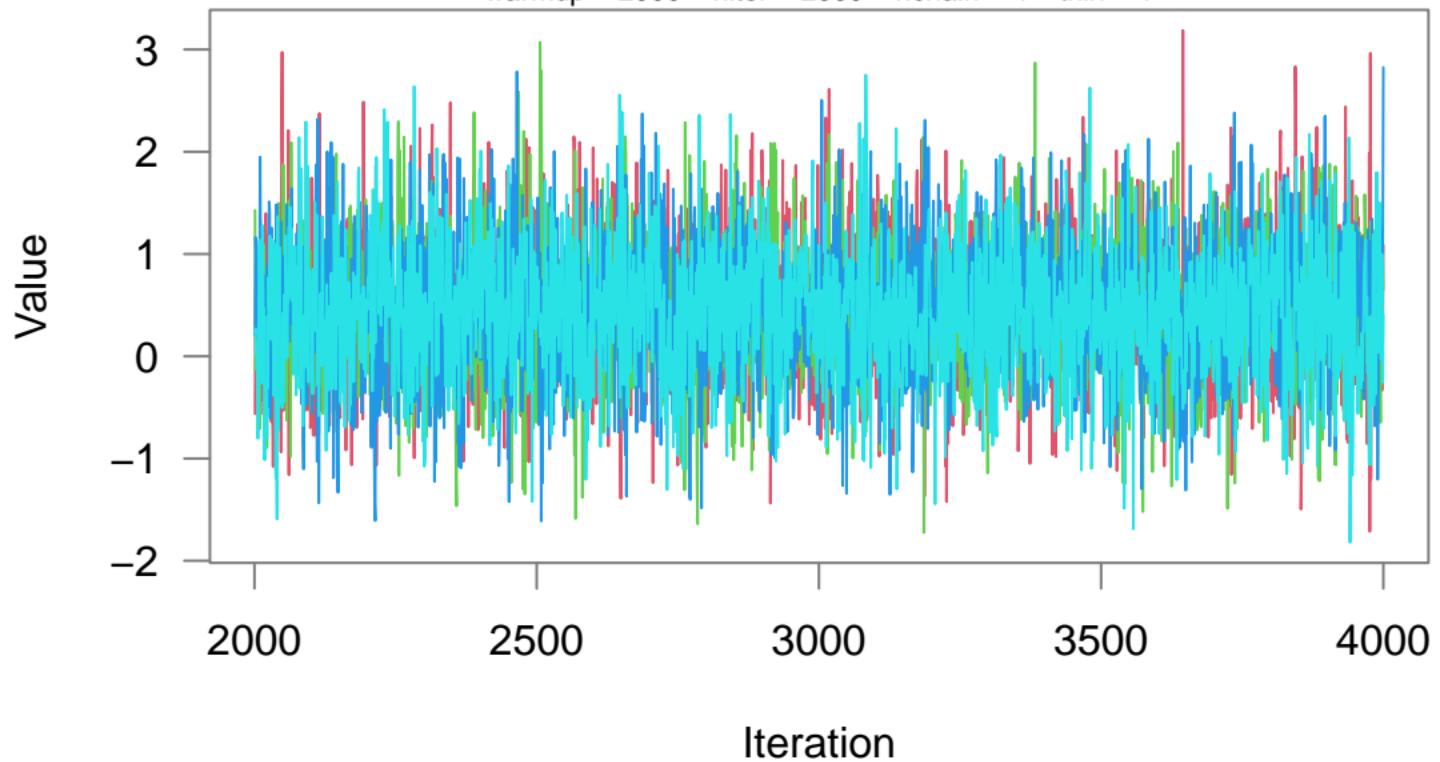
$z_2[1,76]$

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



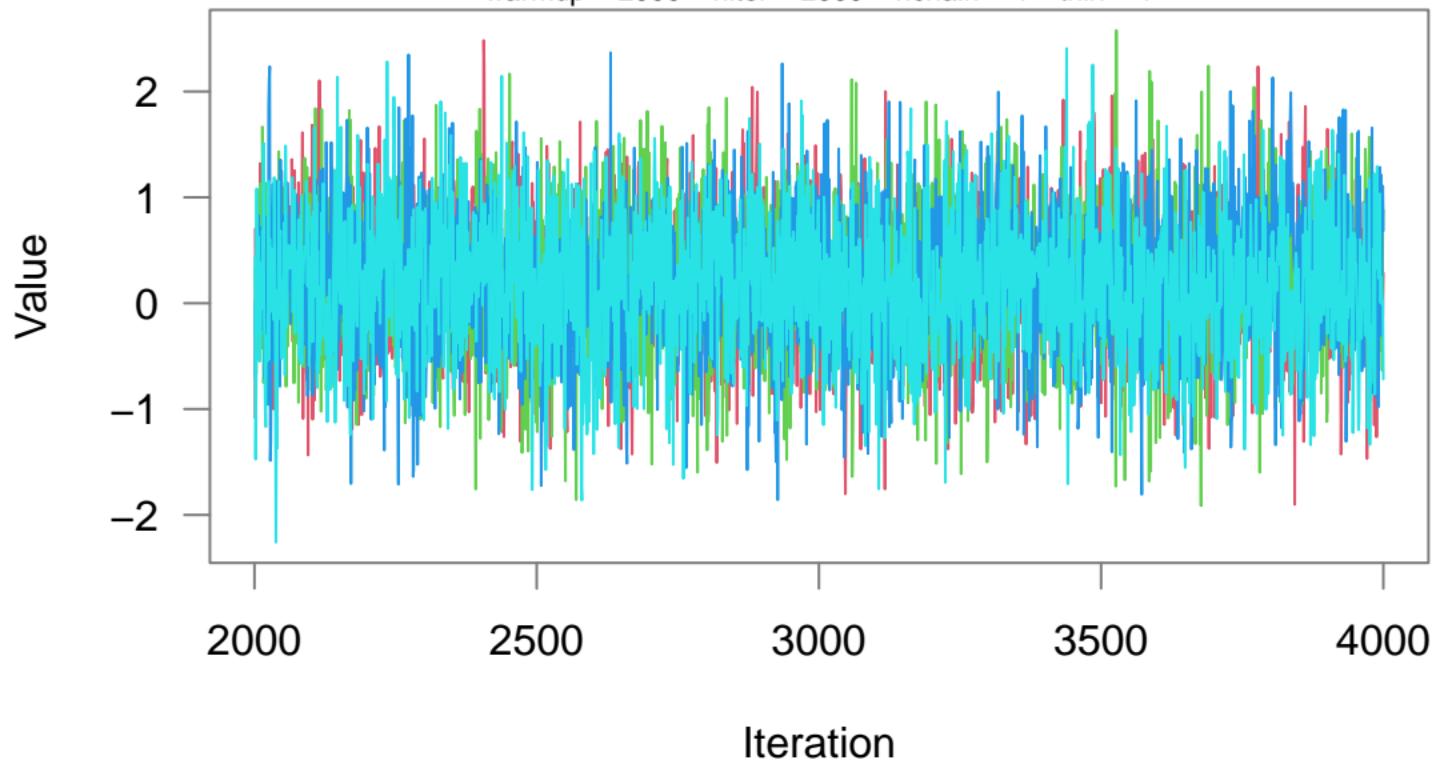
$z_2[1,77]$

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



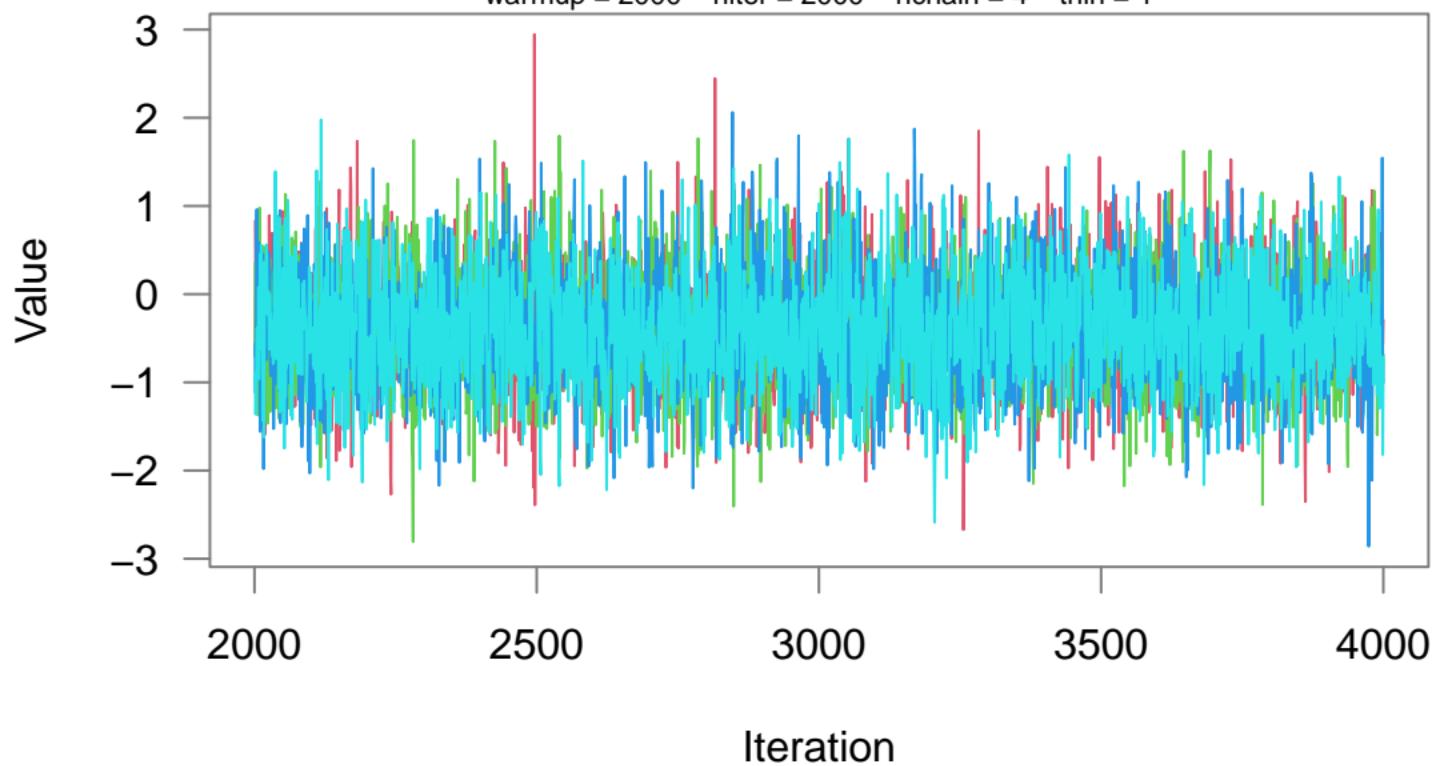
$z_2[1,78]$

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

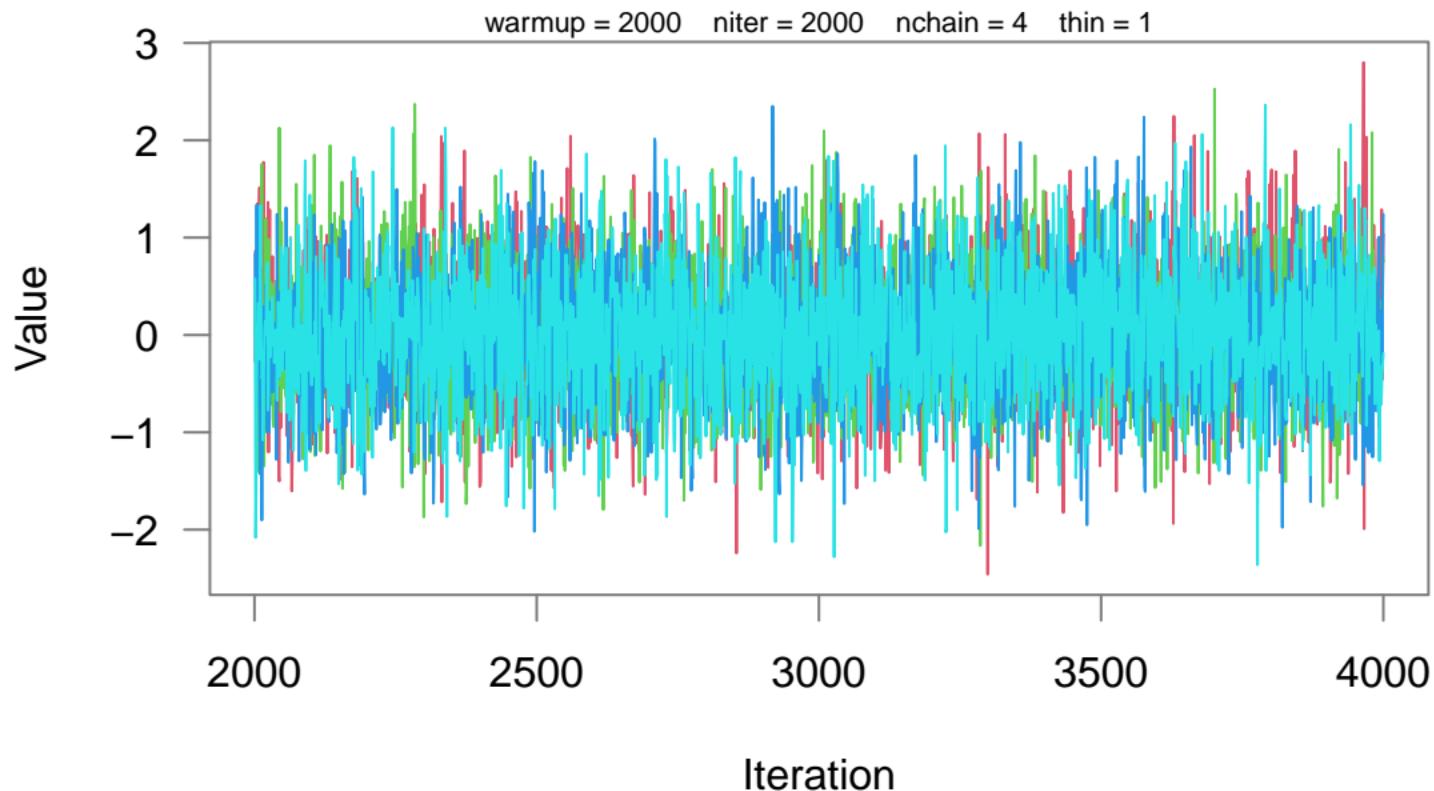


z_2[1,79]

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

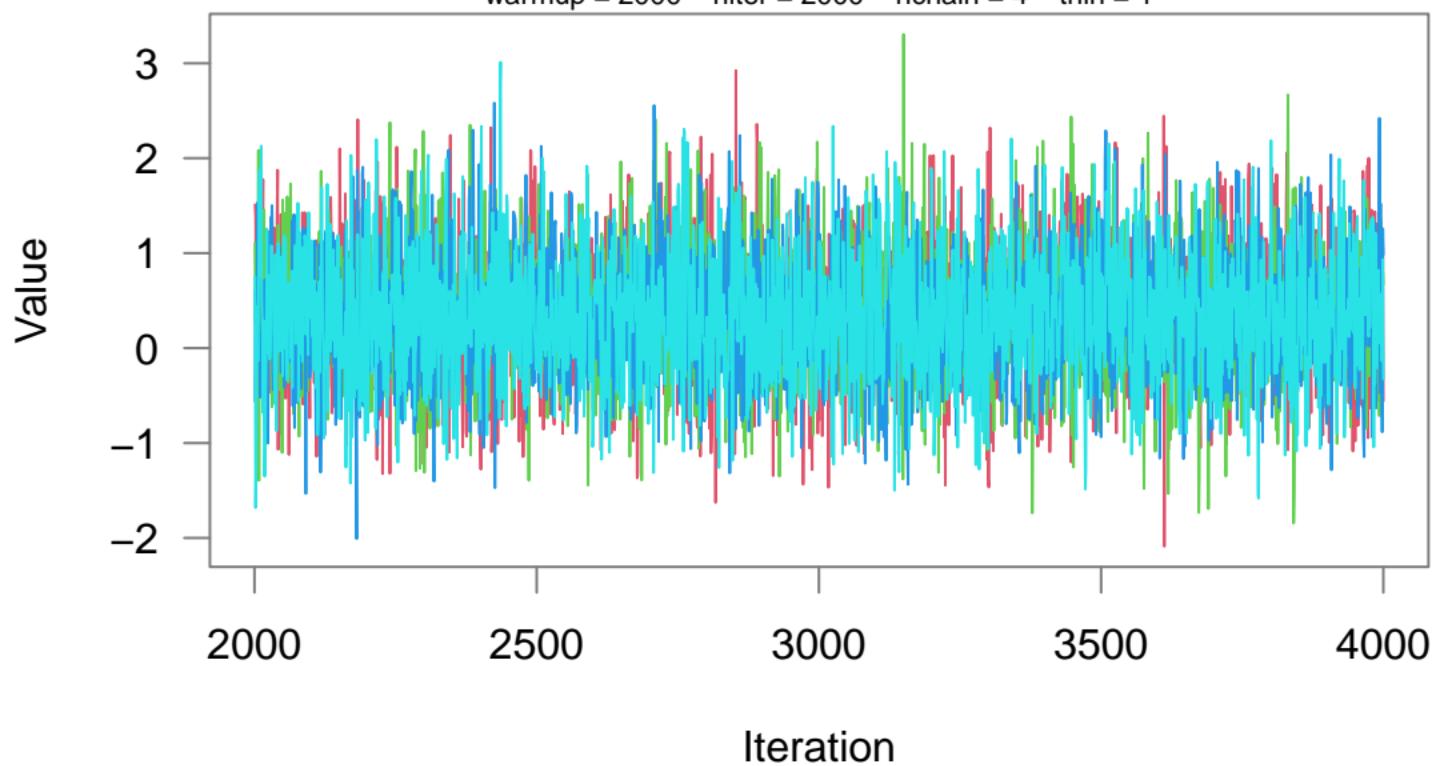


z_2[1,80]



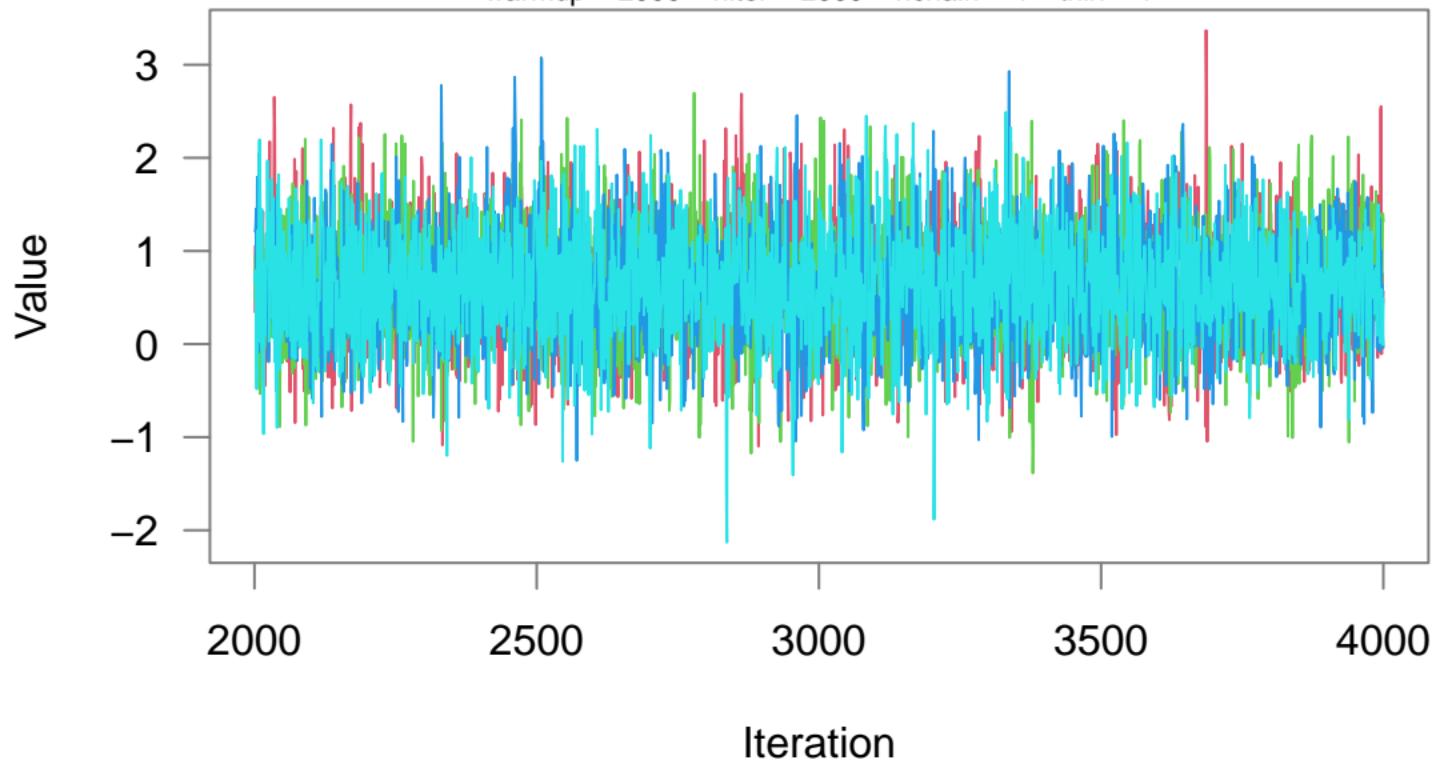
z_2[1,81]

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



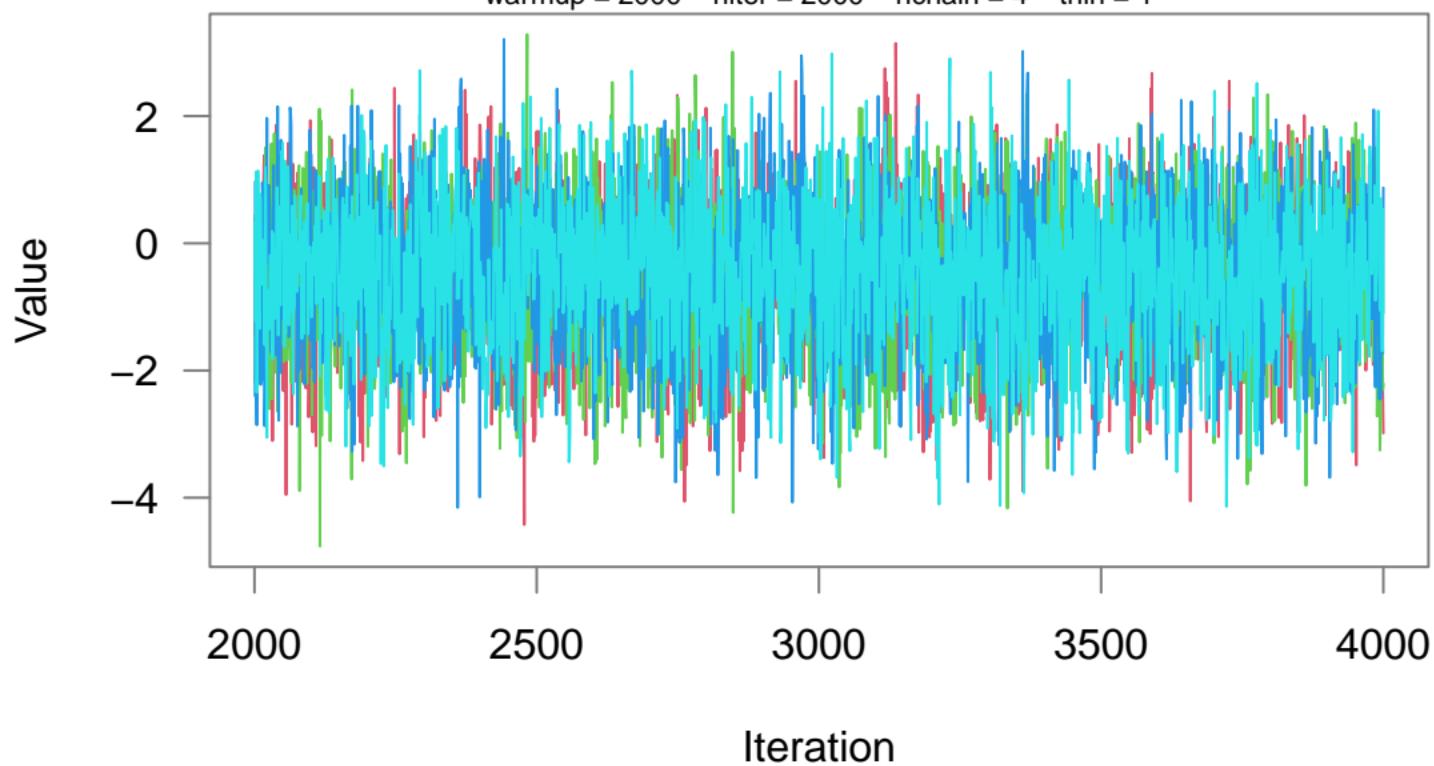
$z_2[1,82]$

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



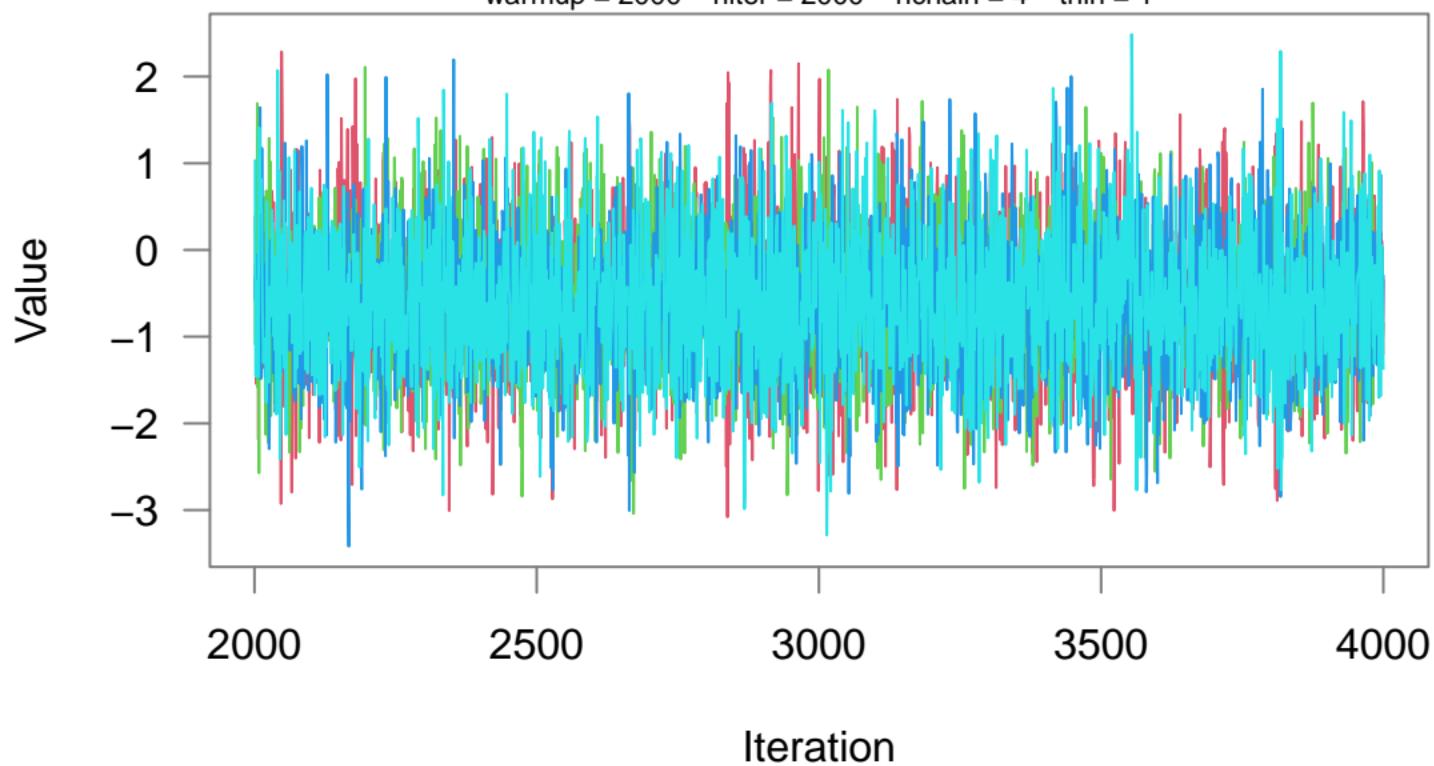
$z_2[1,83]$

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



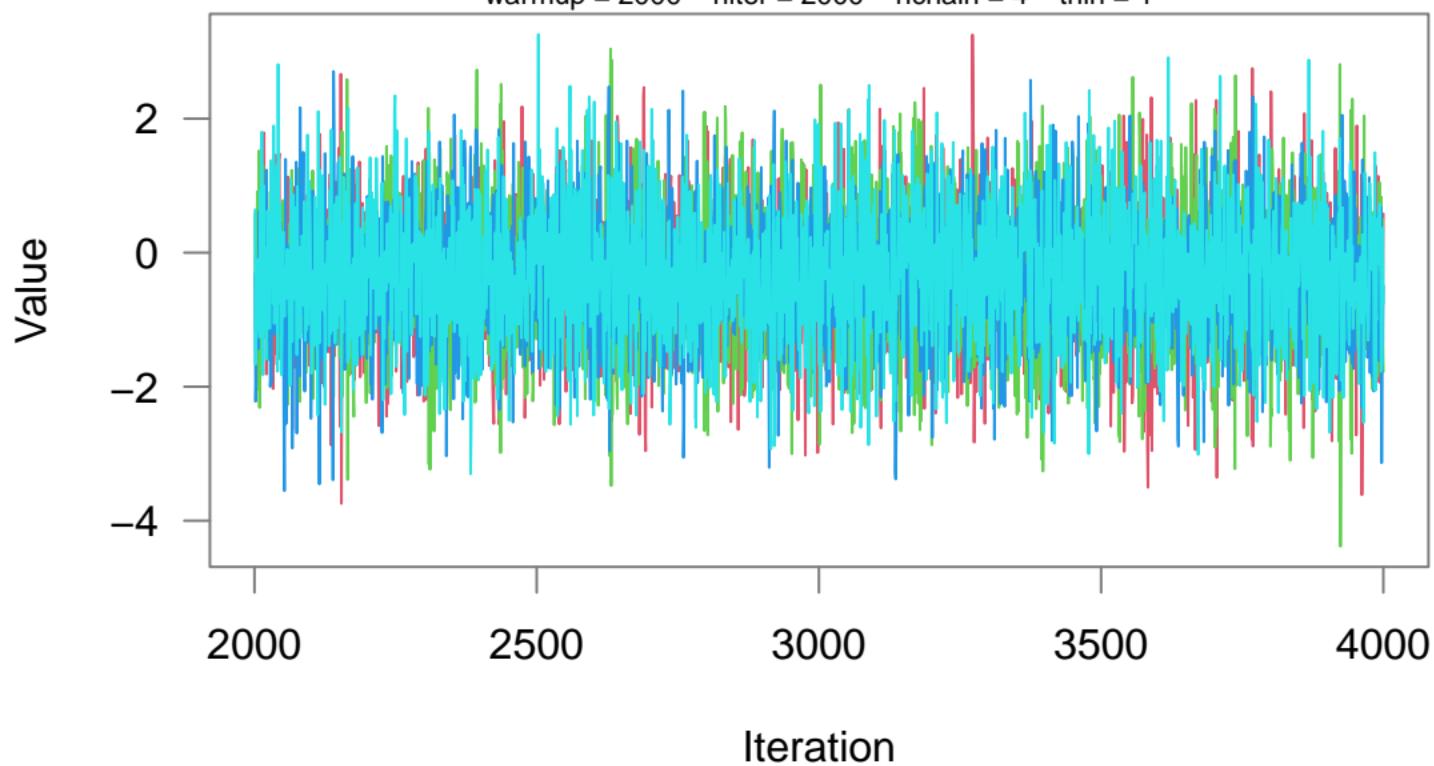
z_2[1,84]

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



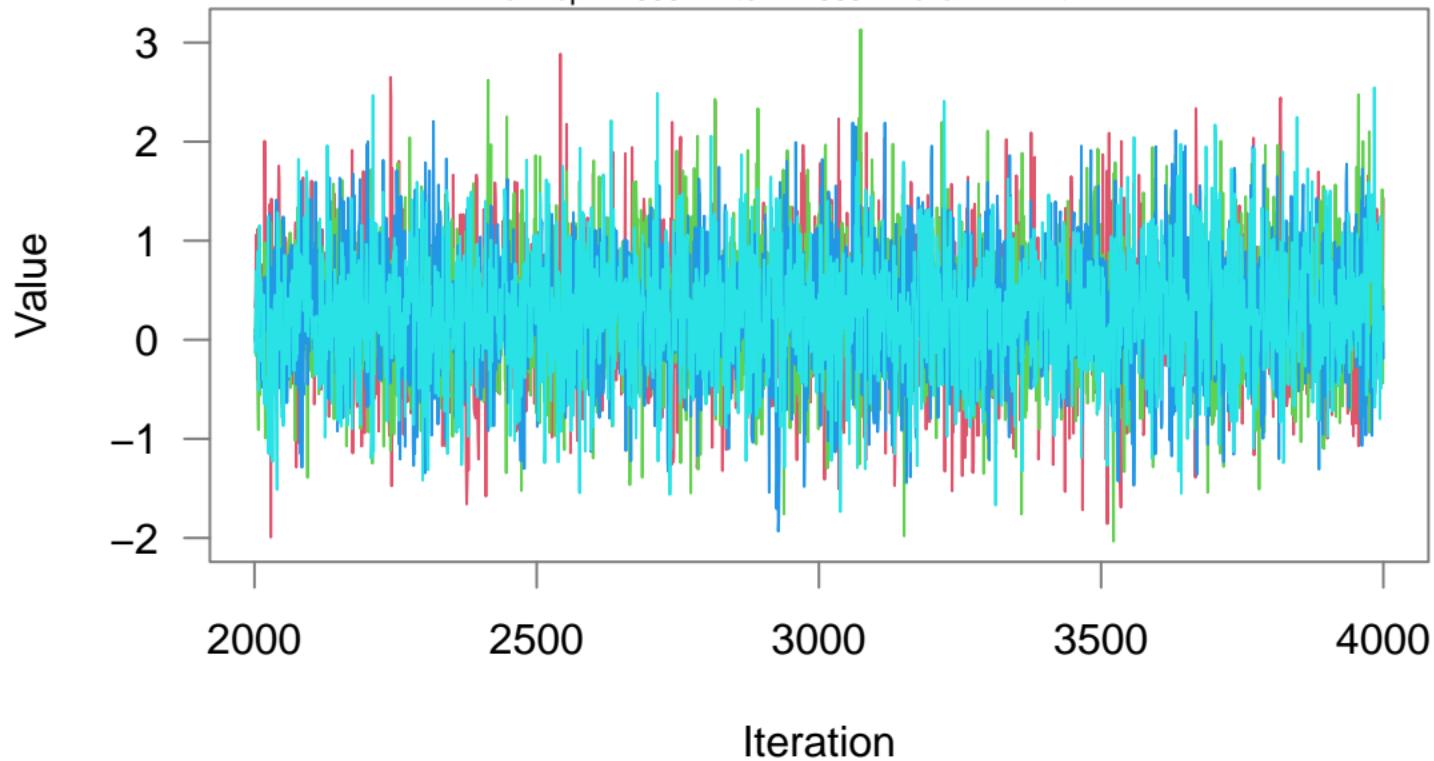
z_2[1,85]

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



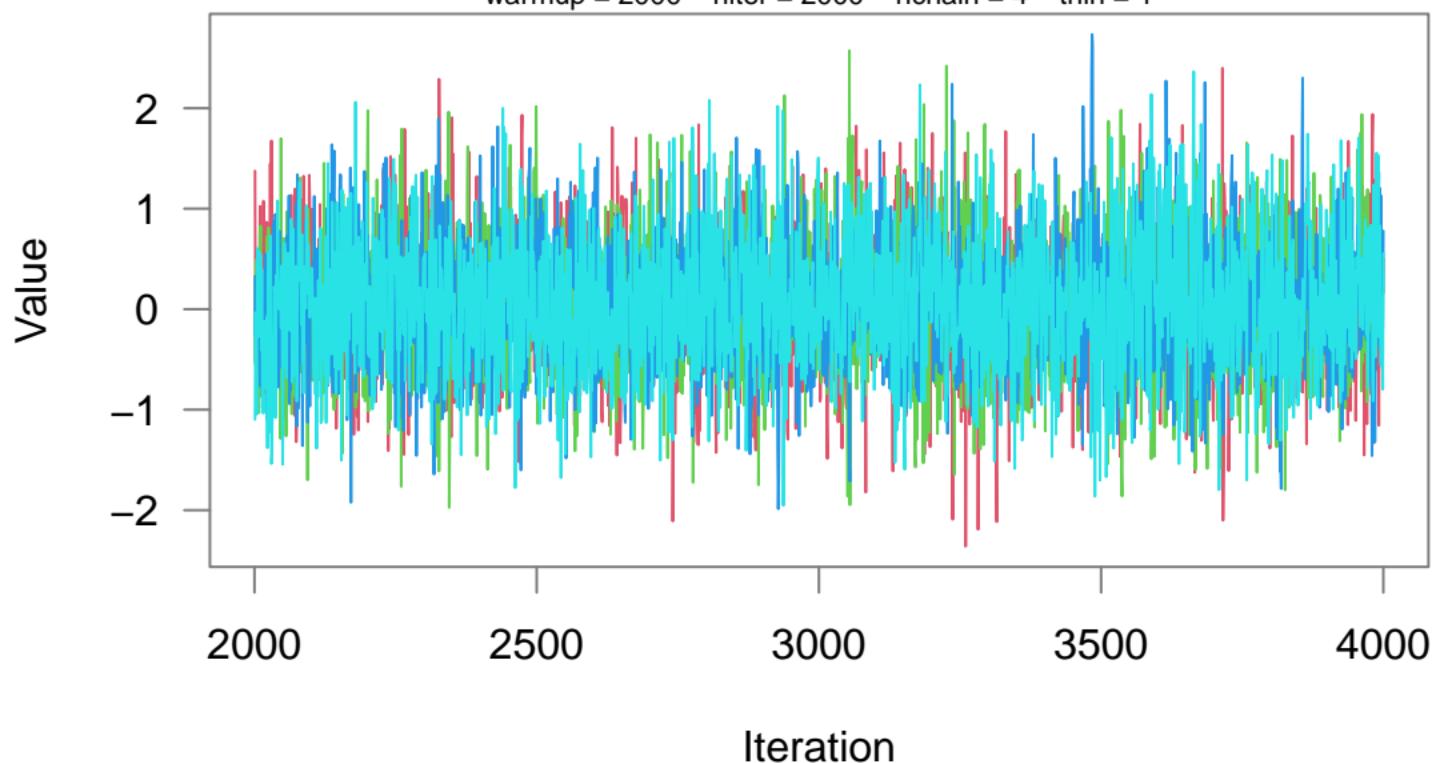
z_2[1,86]

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



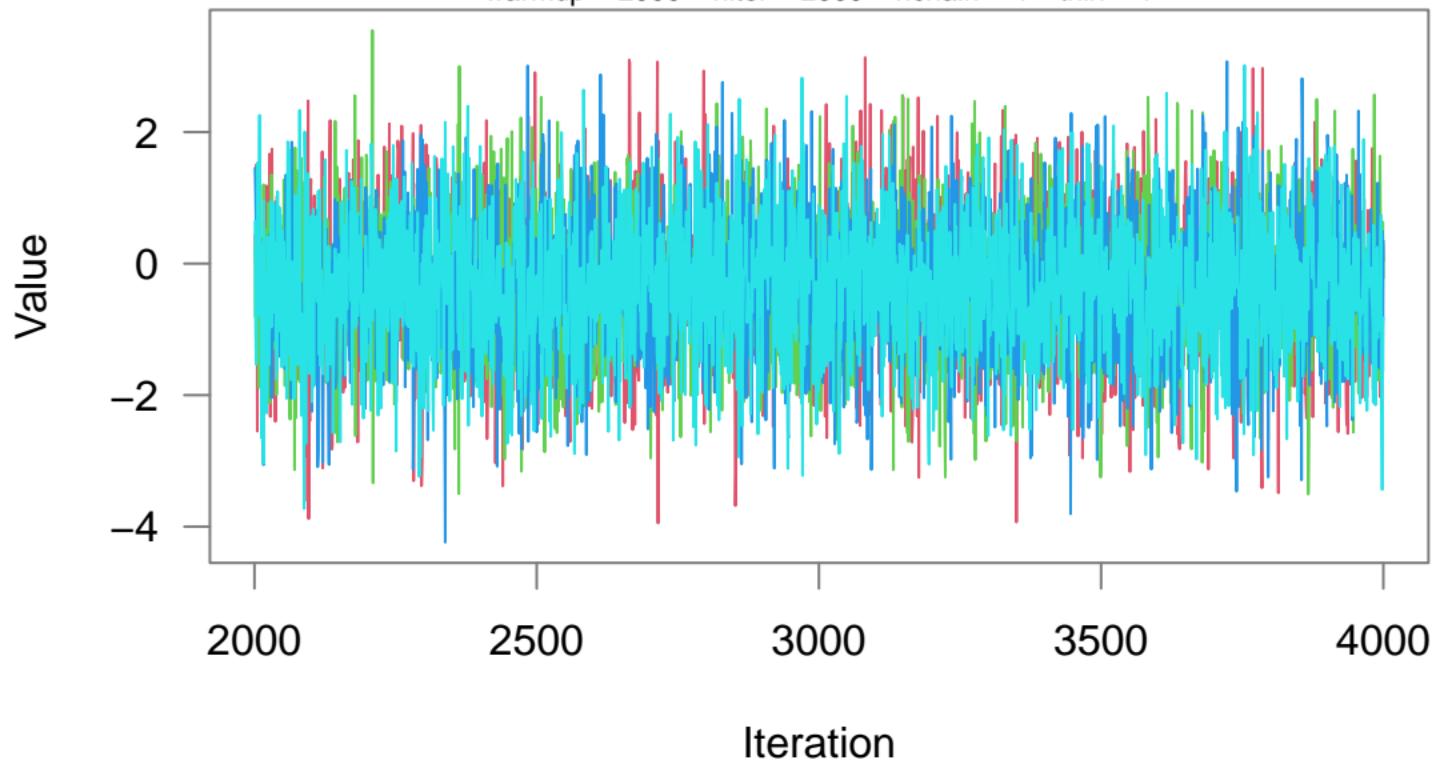
z_2[1,87]

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



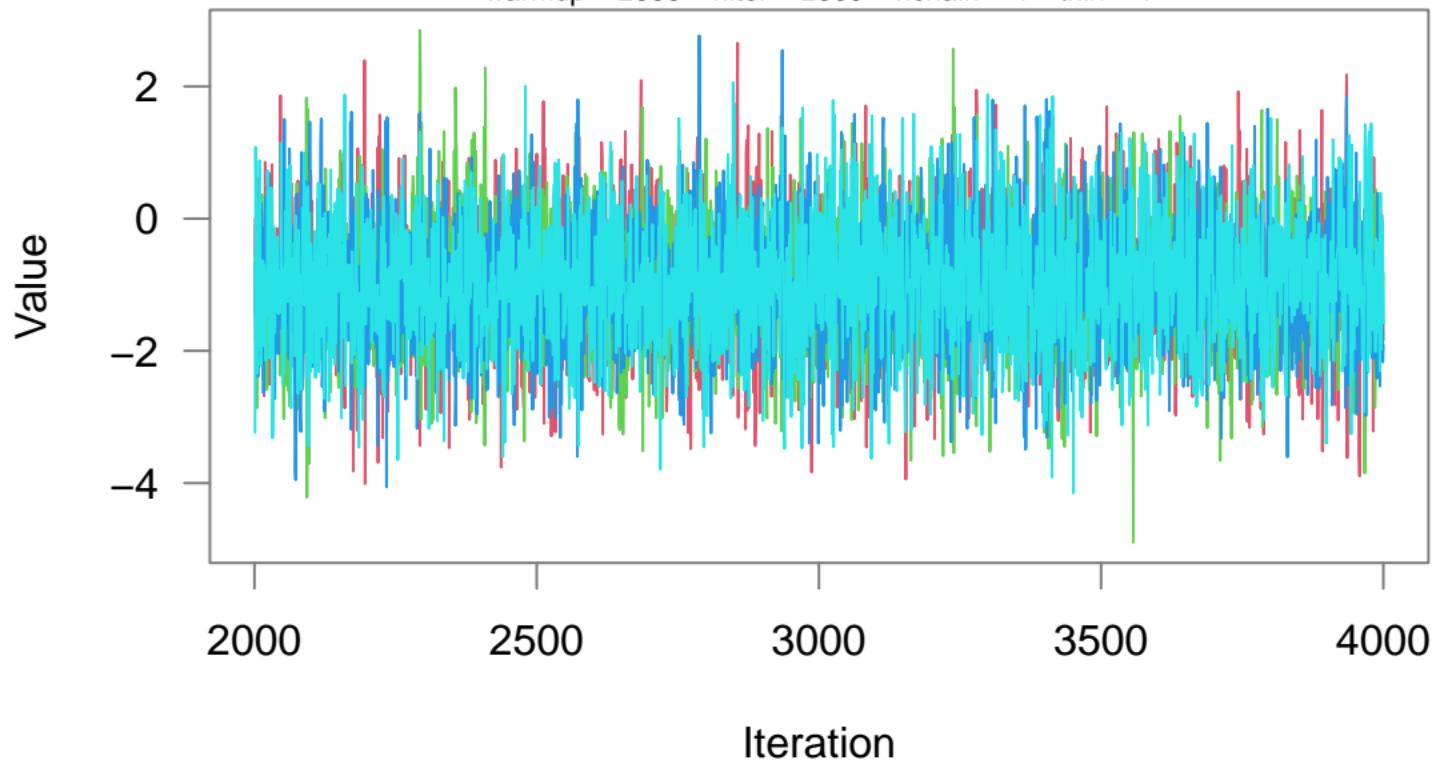
z_2[1,88]

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



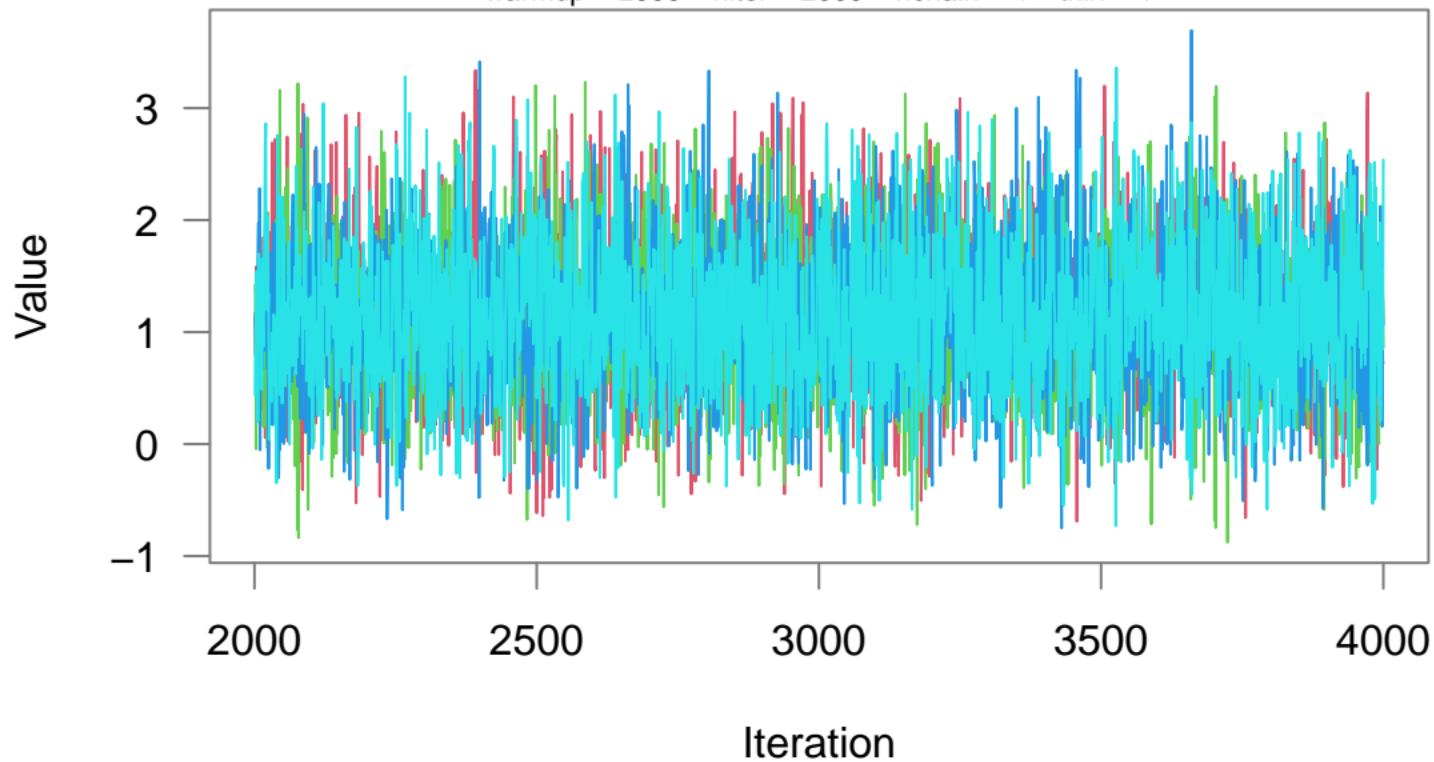
z_2[1,89]

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



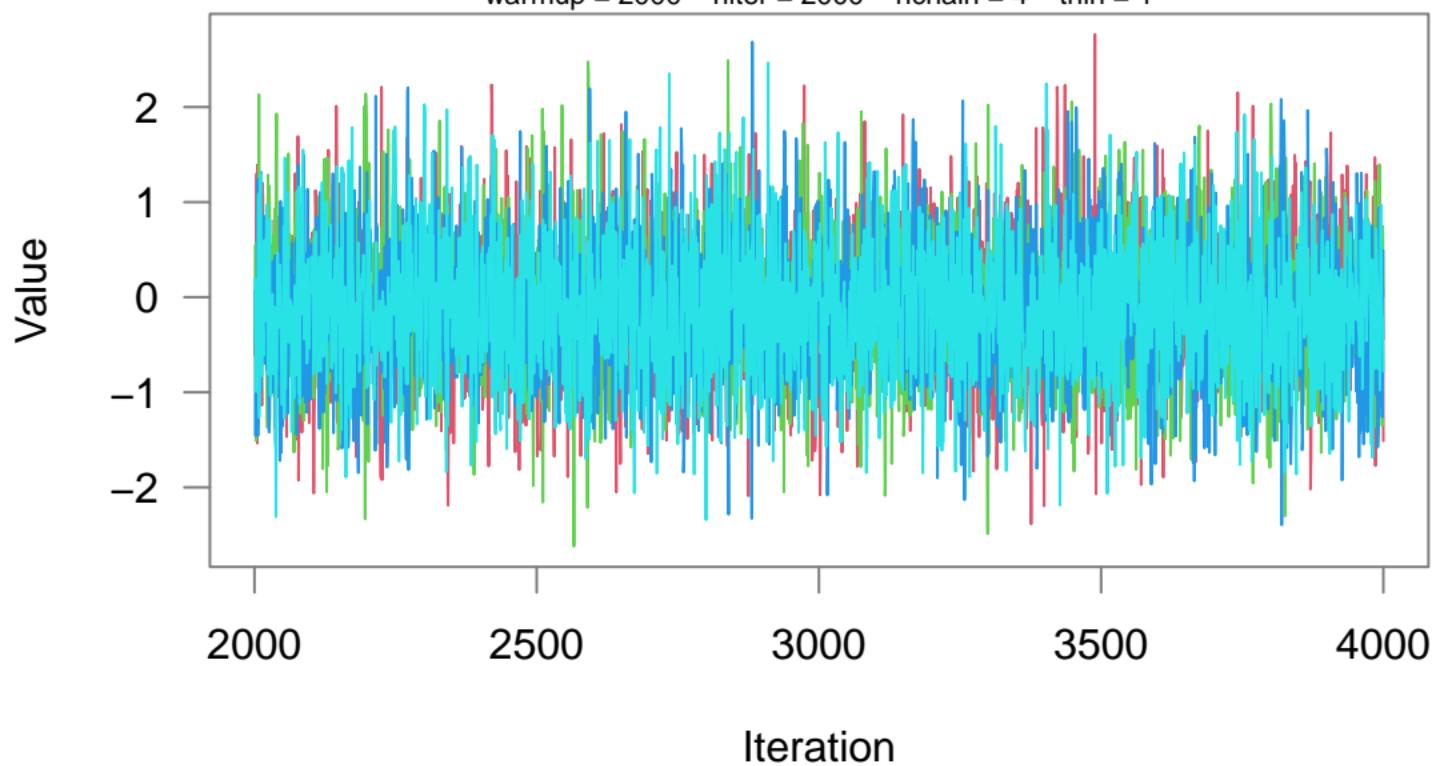
z_2[1,90]

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



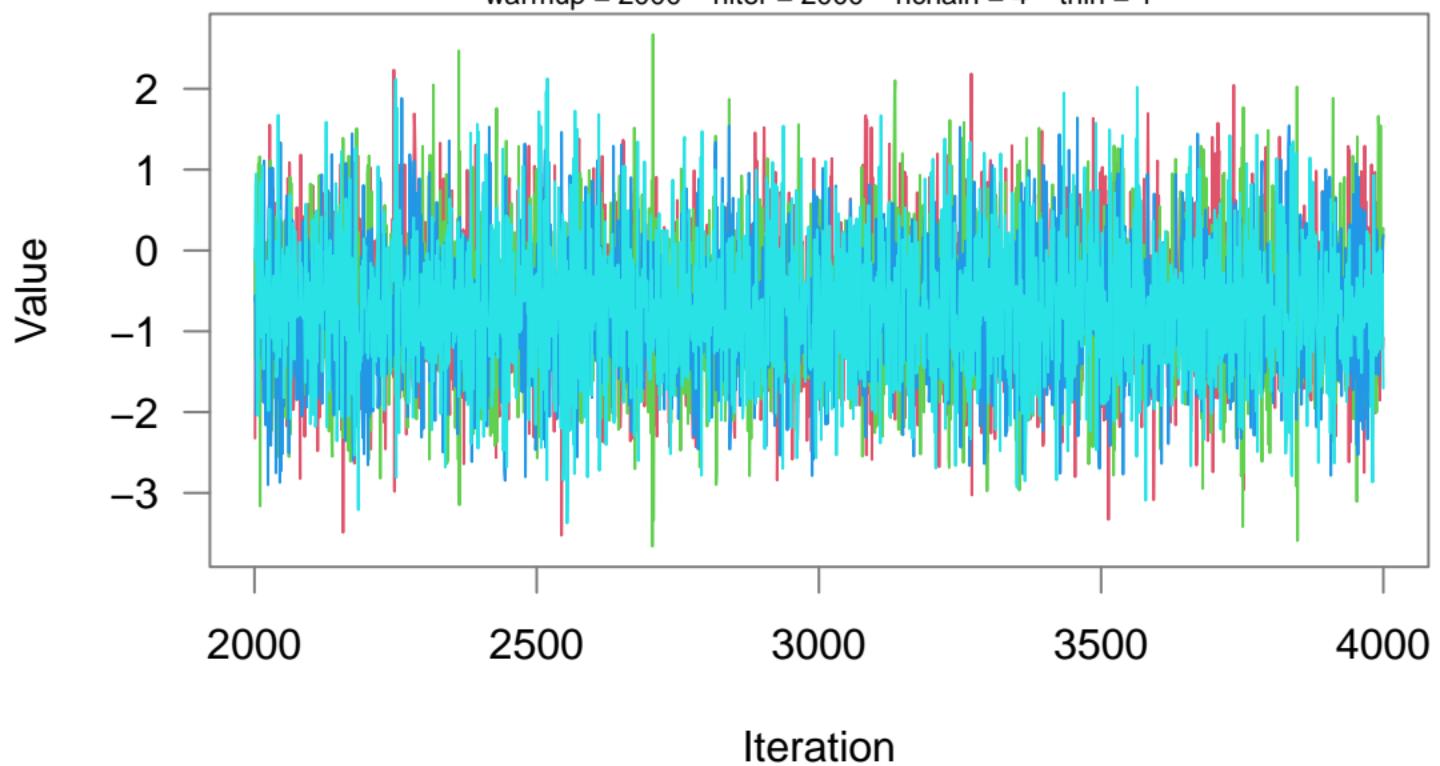
z_2[1,91]

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



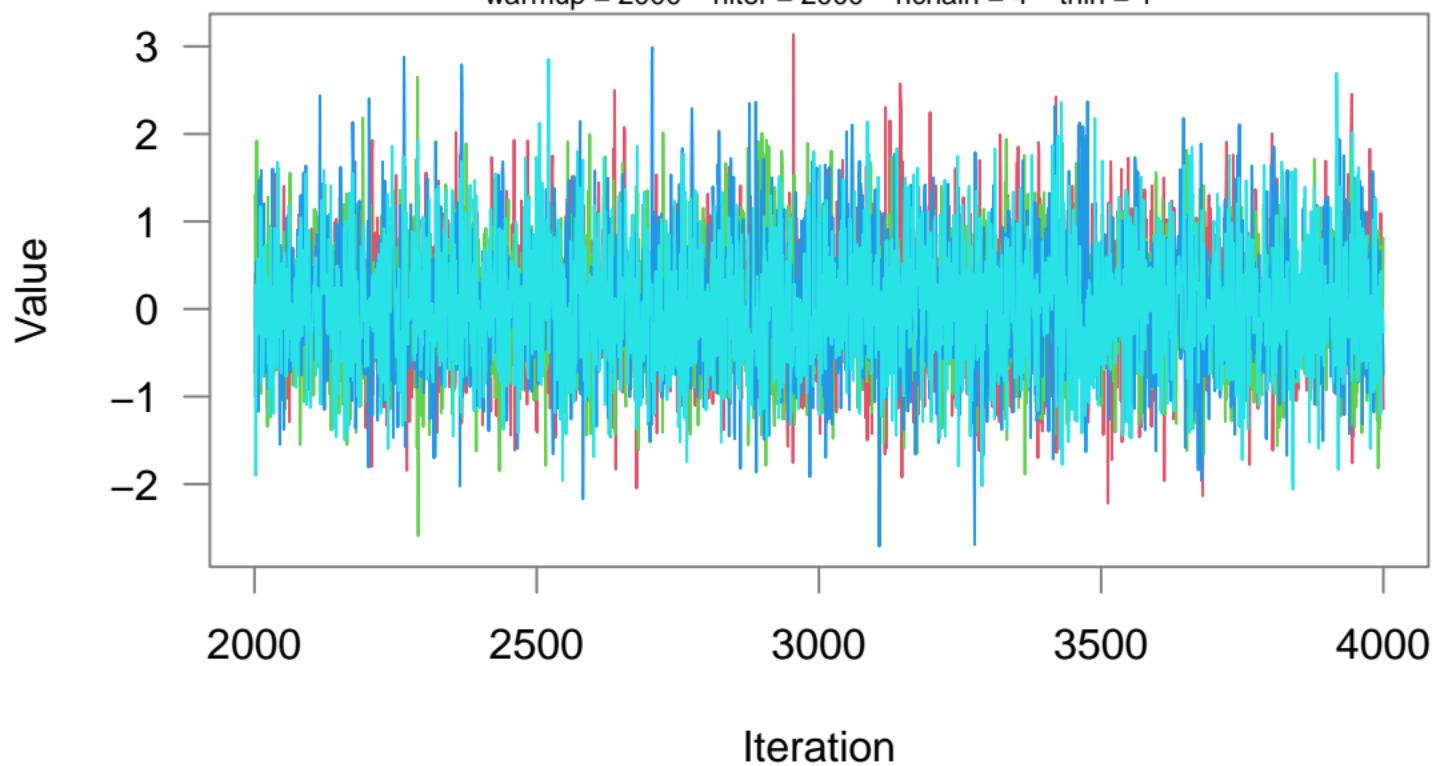
$z_2[1,92]$

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



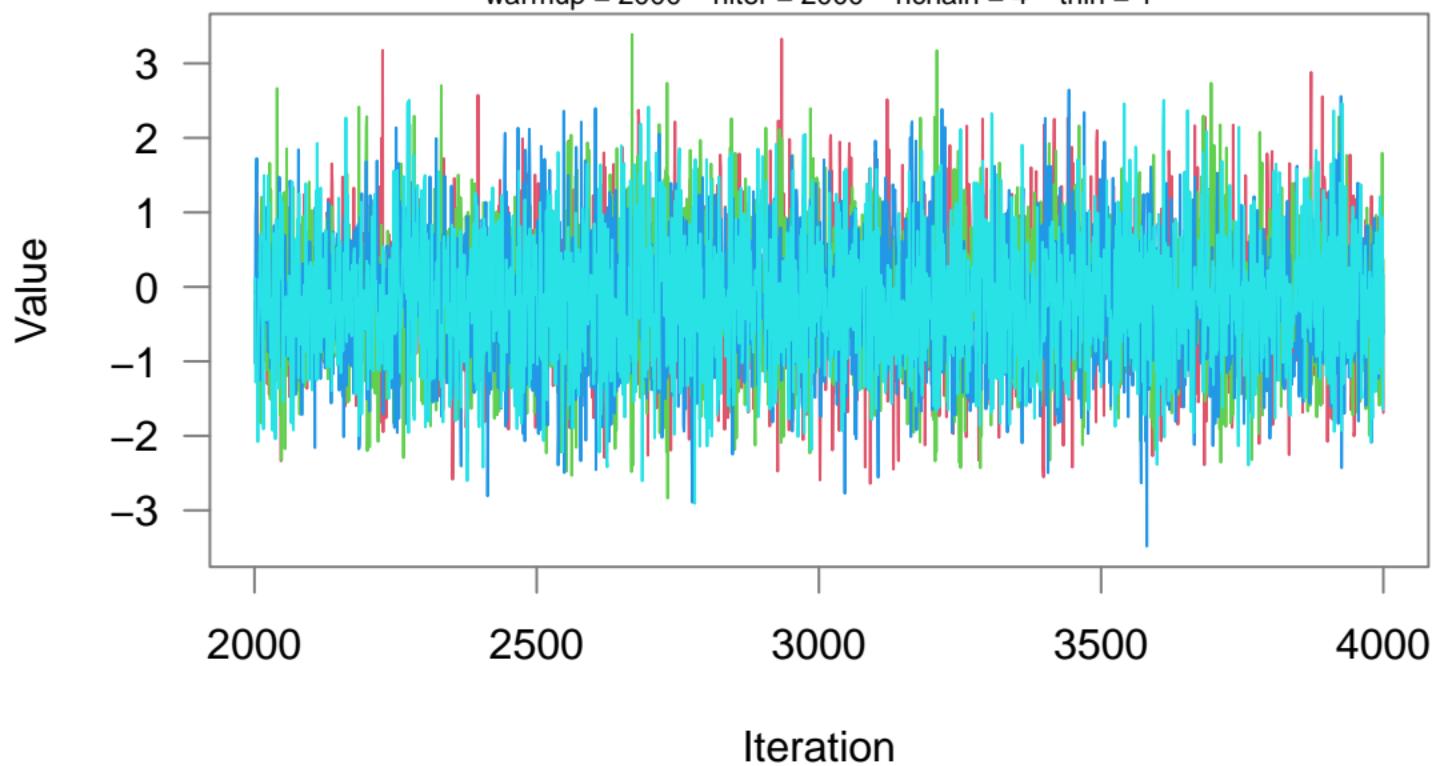
z_2[1,93]

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



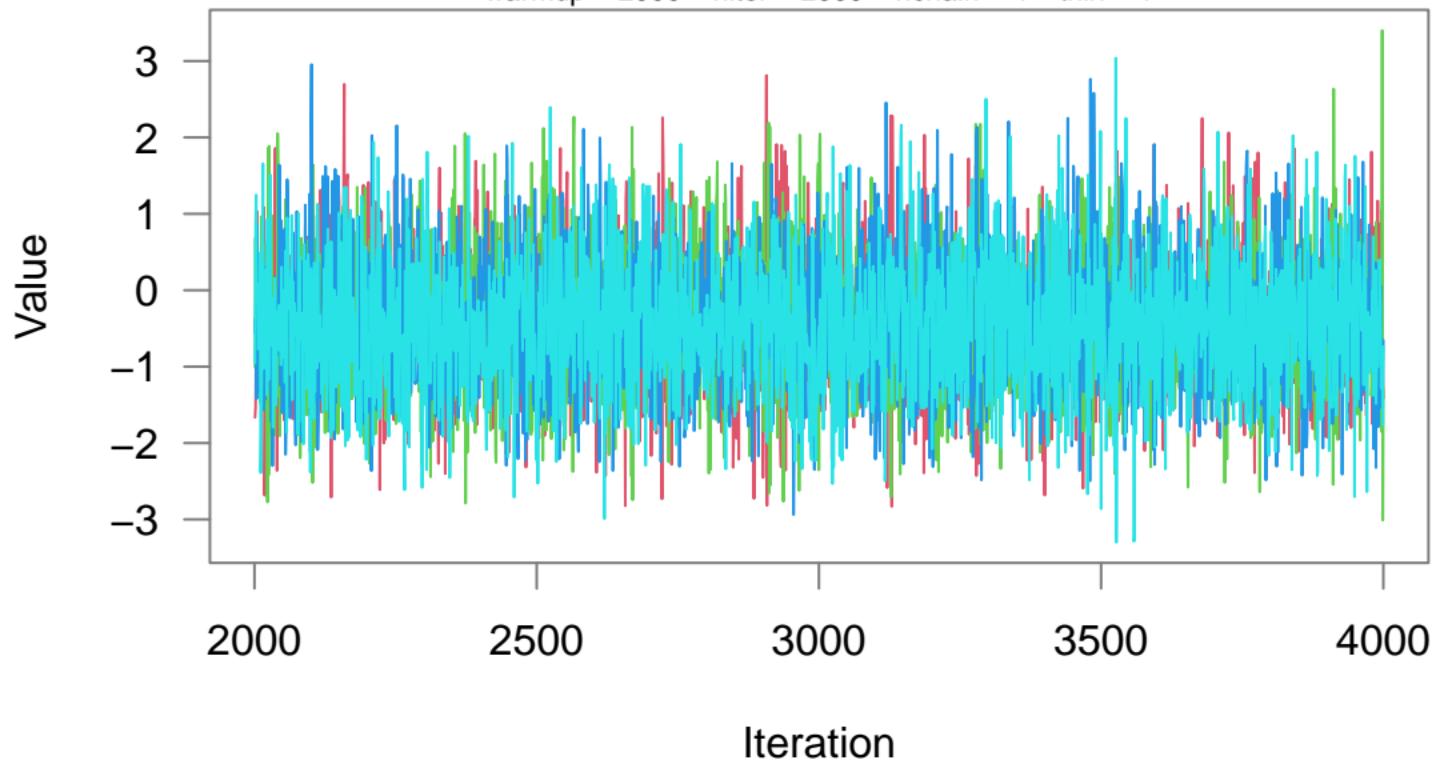
$z_2[1,94]$

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



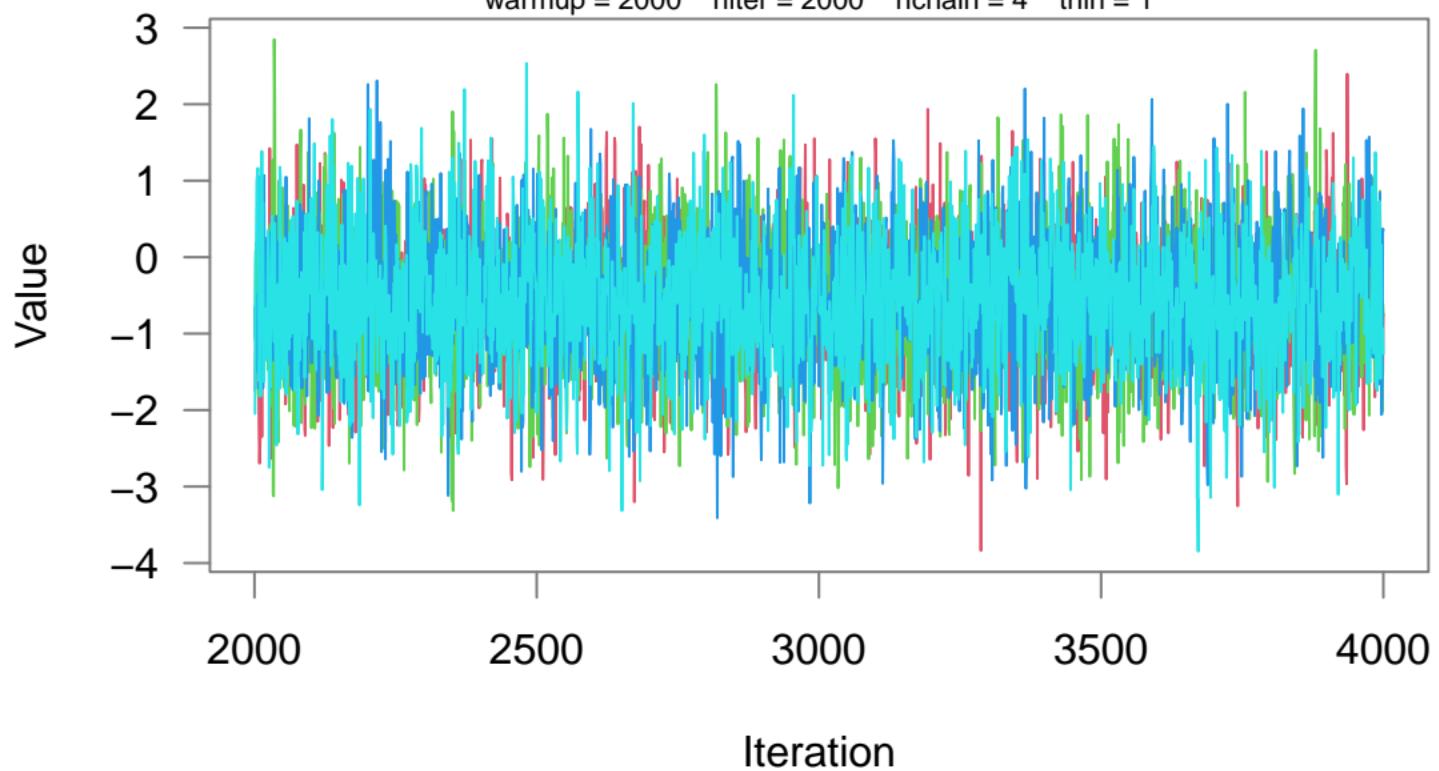
z_2[1,95]

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



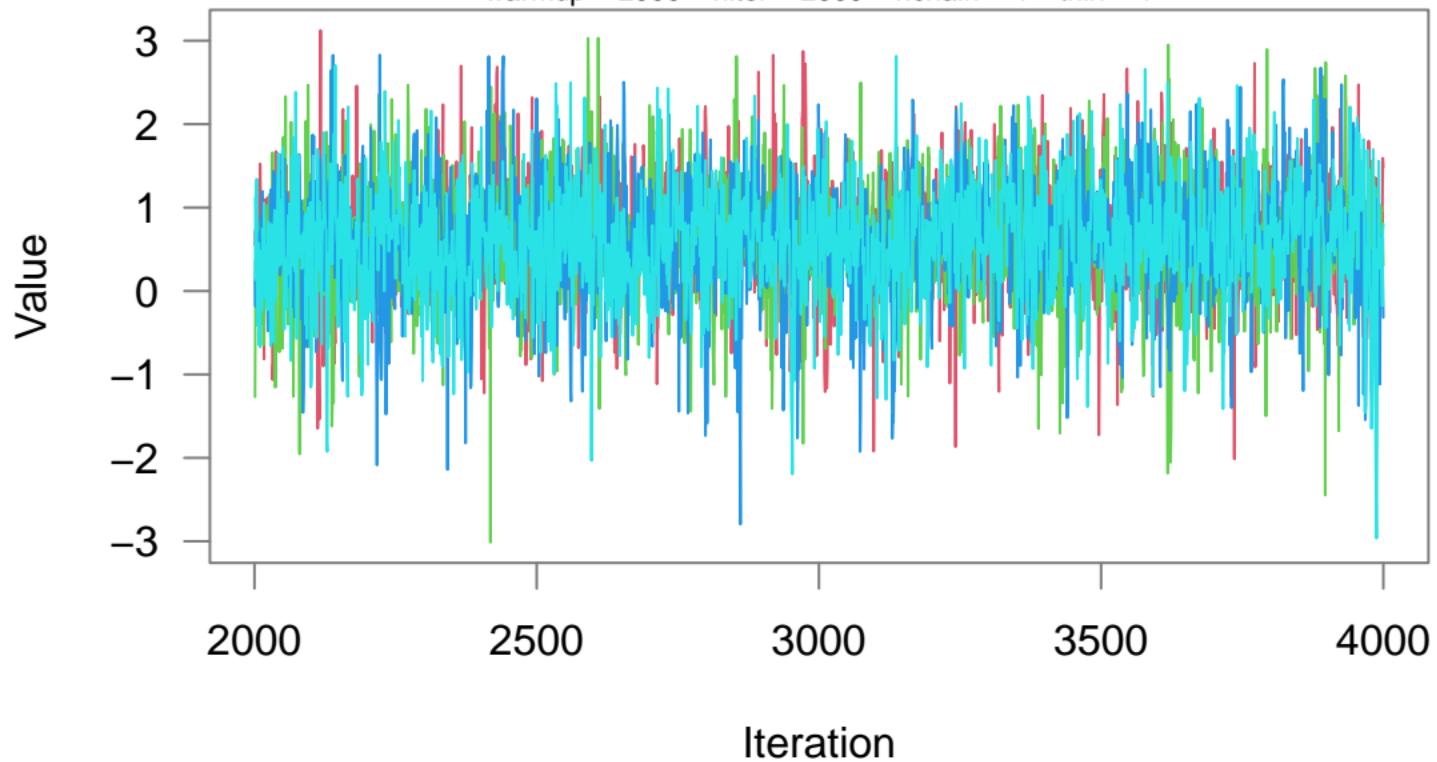
z_3[1,1]

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



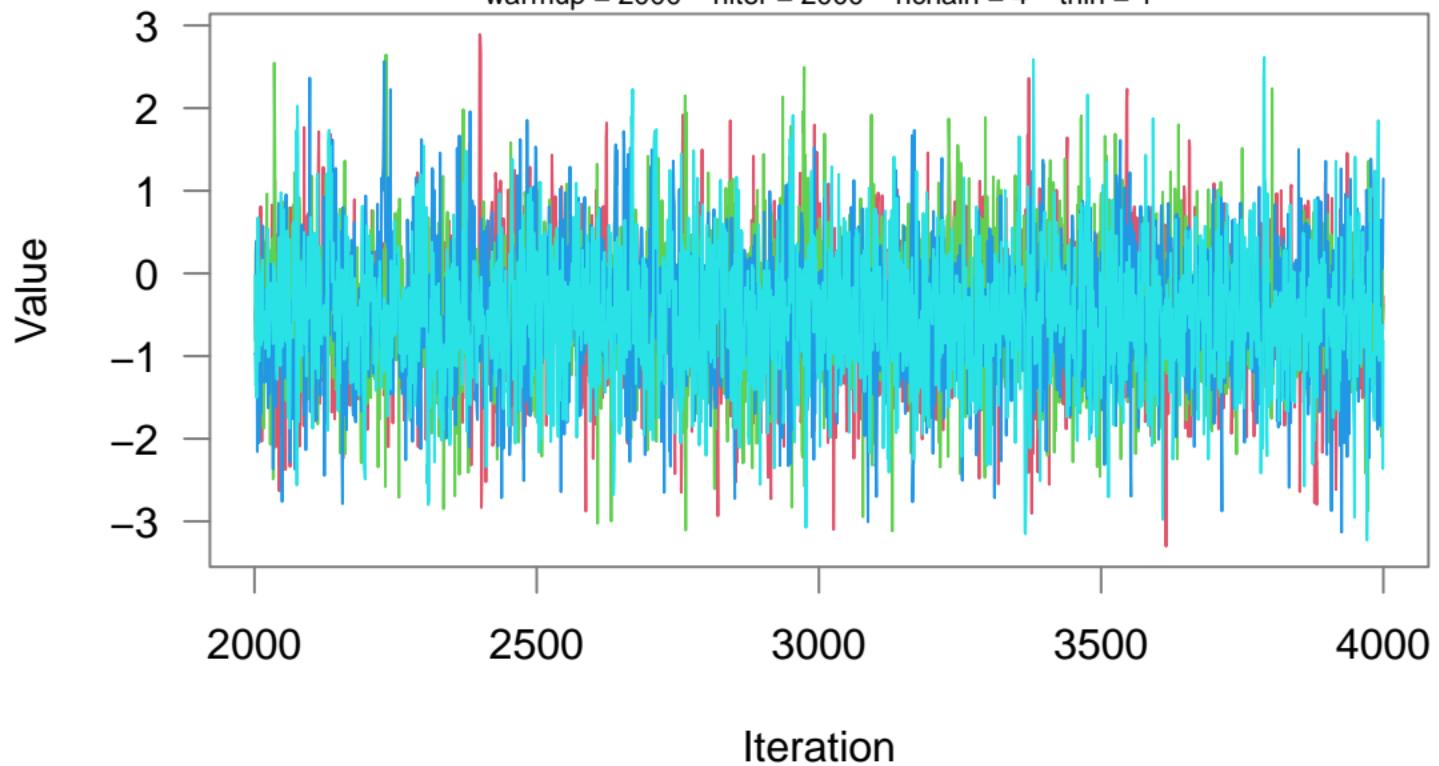
z_3[1,2]

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



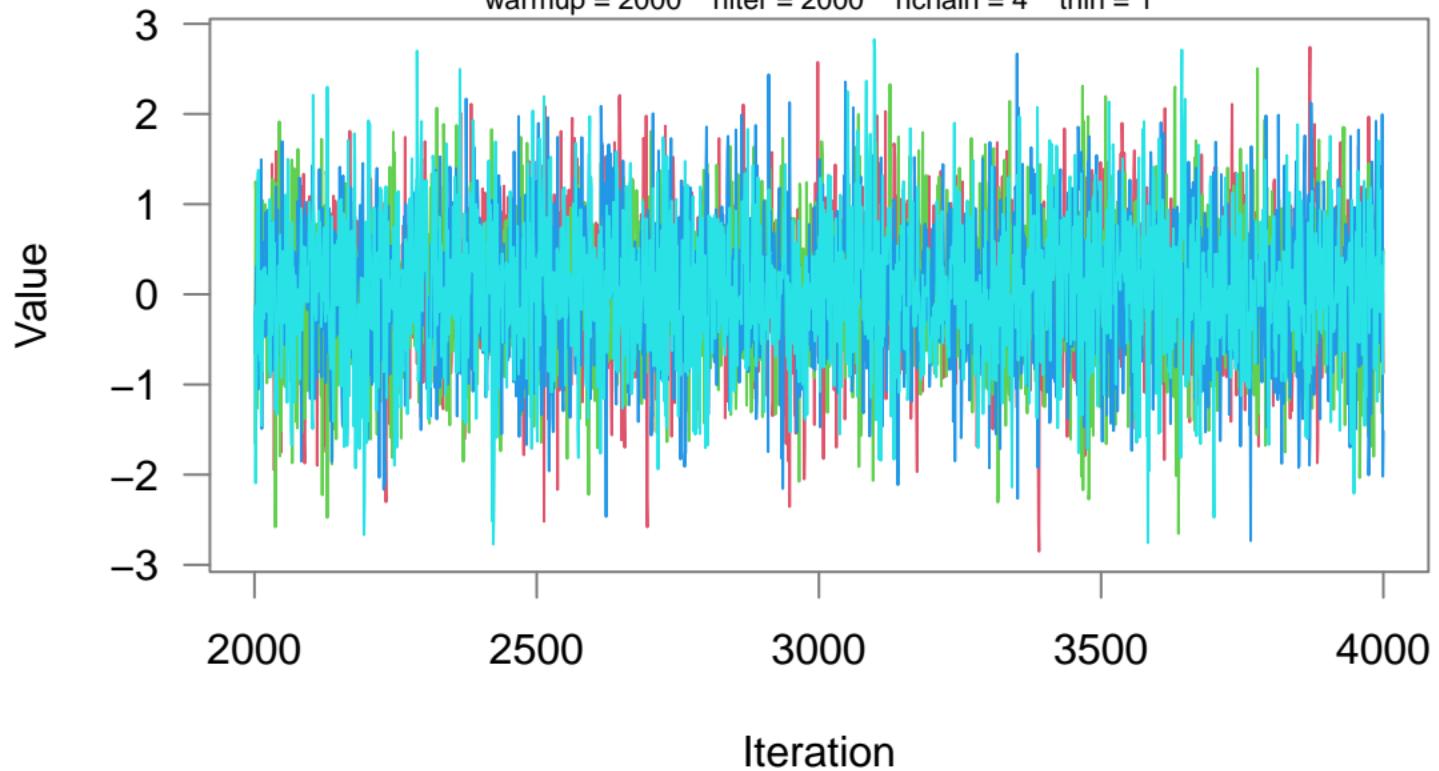
z_3[1,3]

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



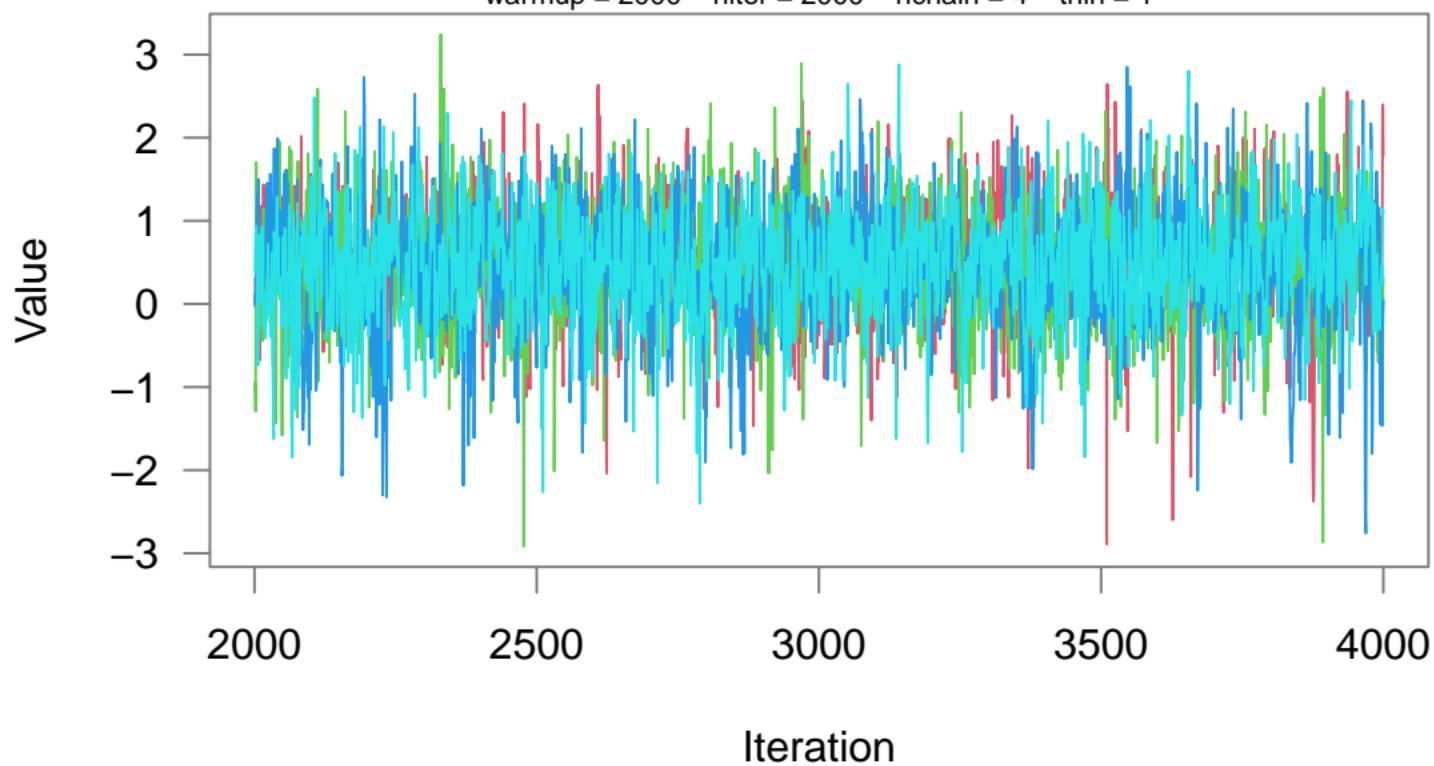
z_3[1,4]

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



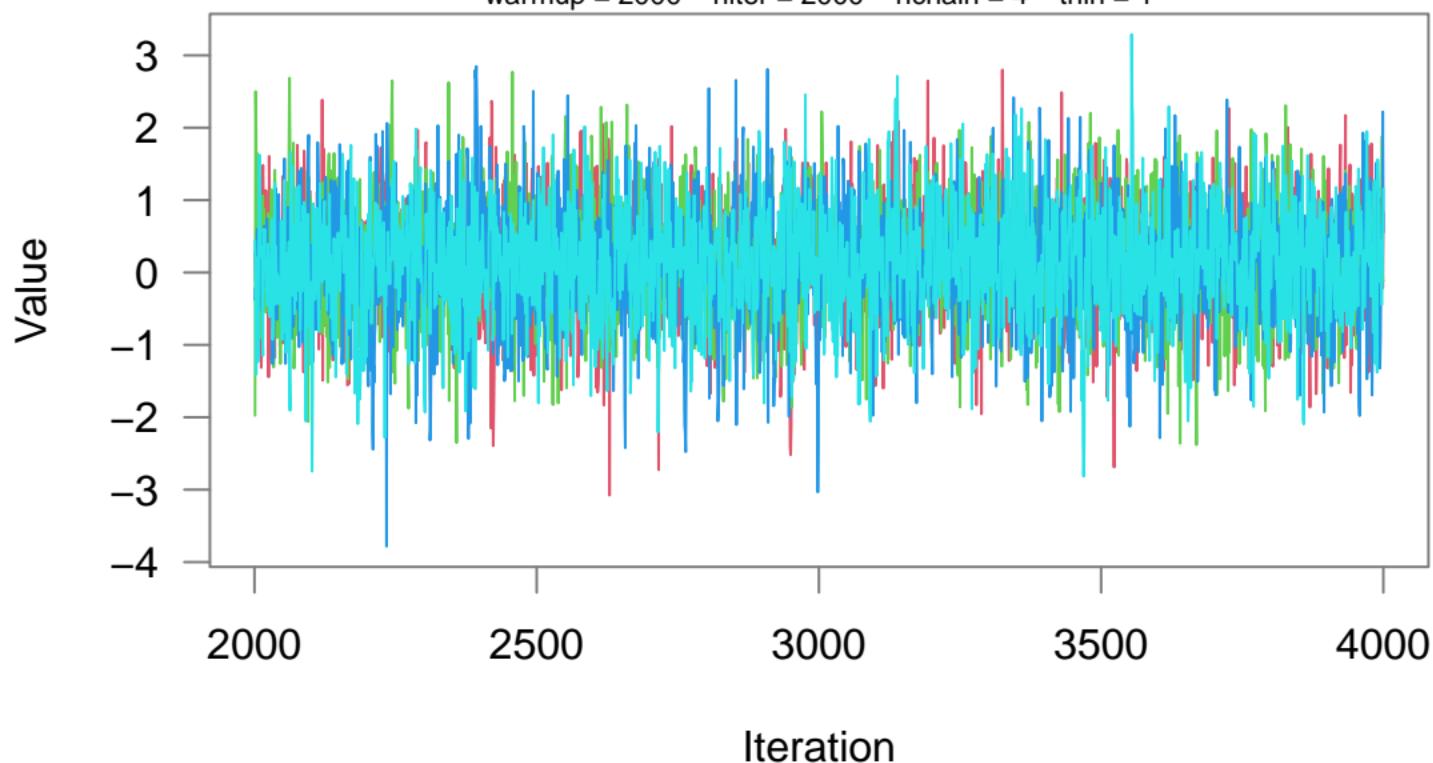
z_3[1,5]

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



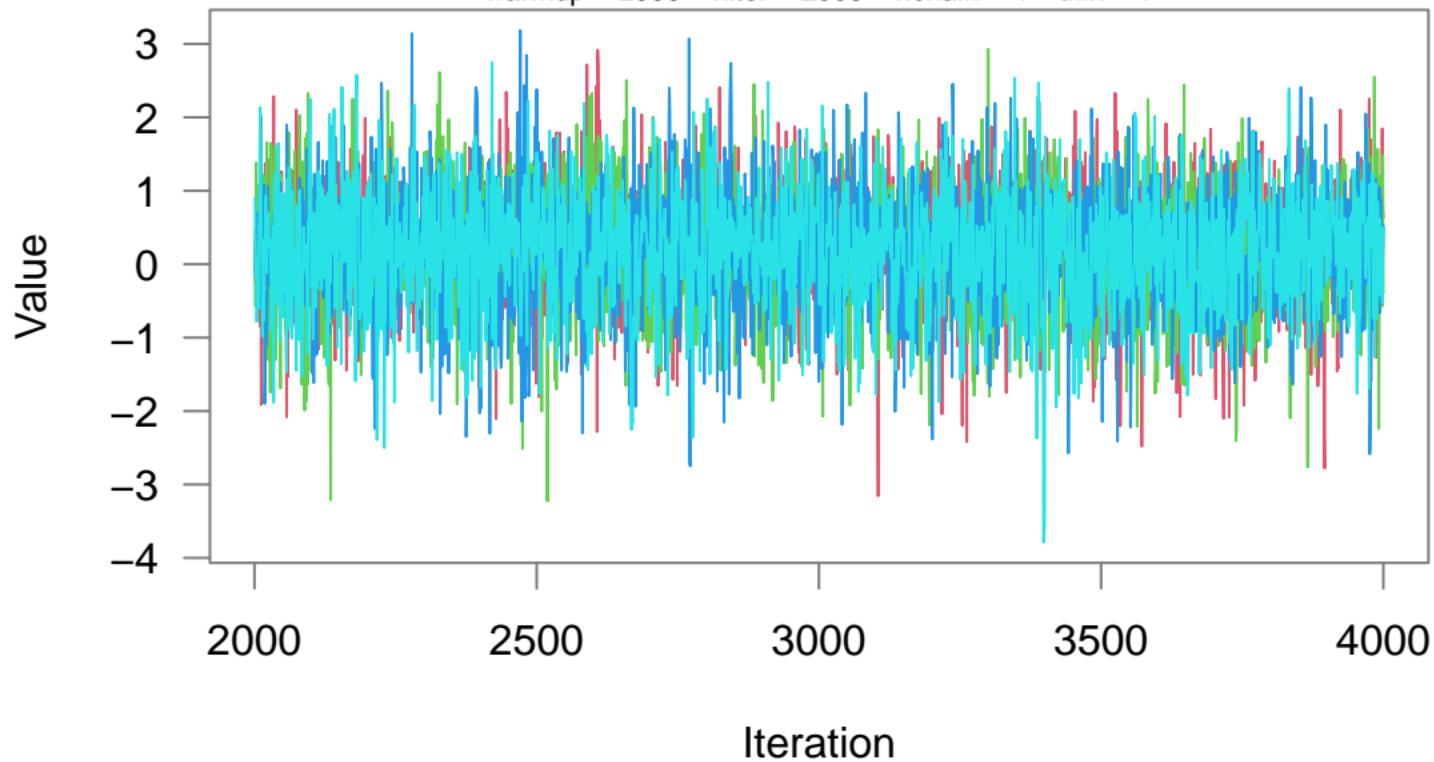
z_3[1,6]

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



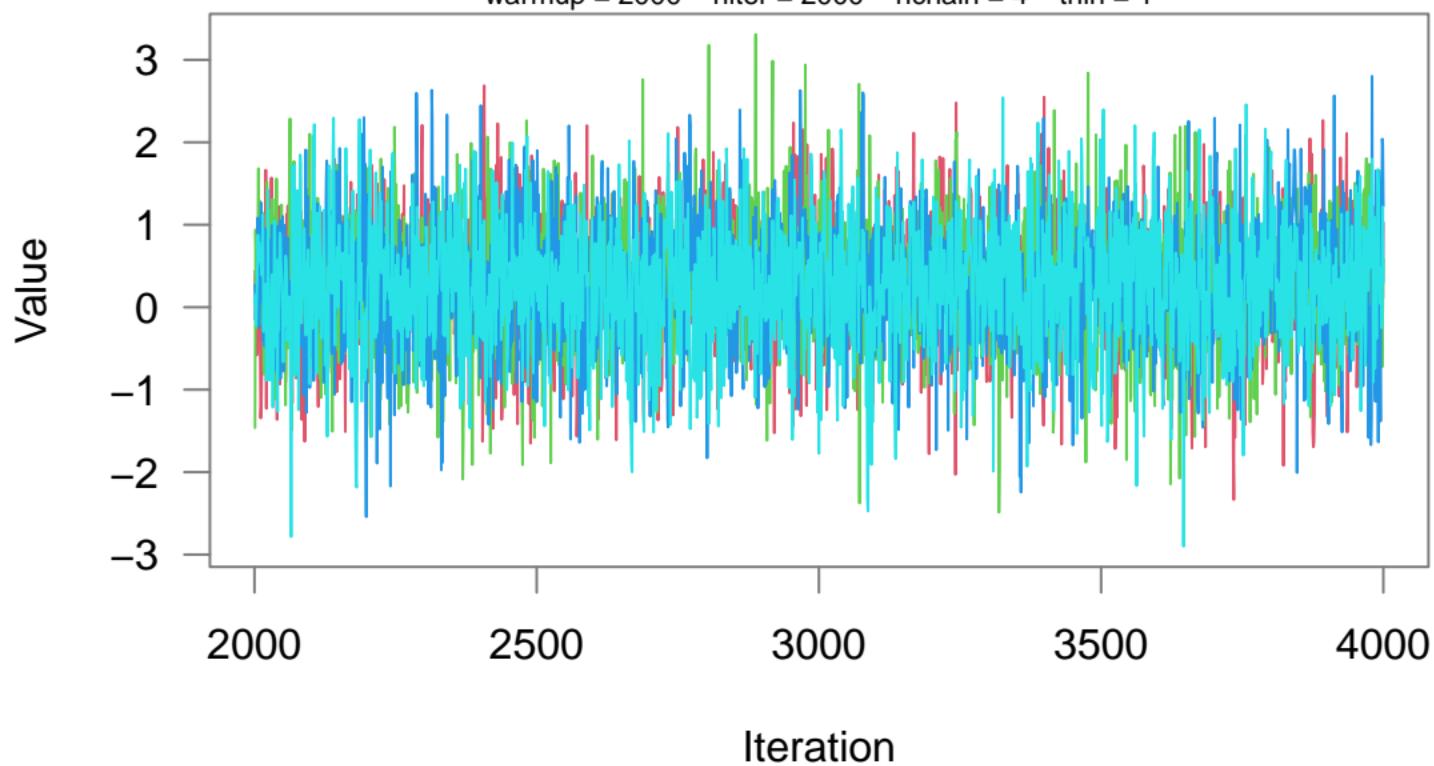
z_3[1,7]

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



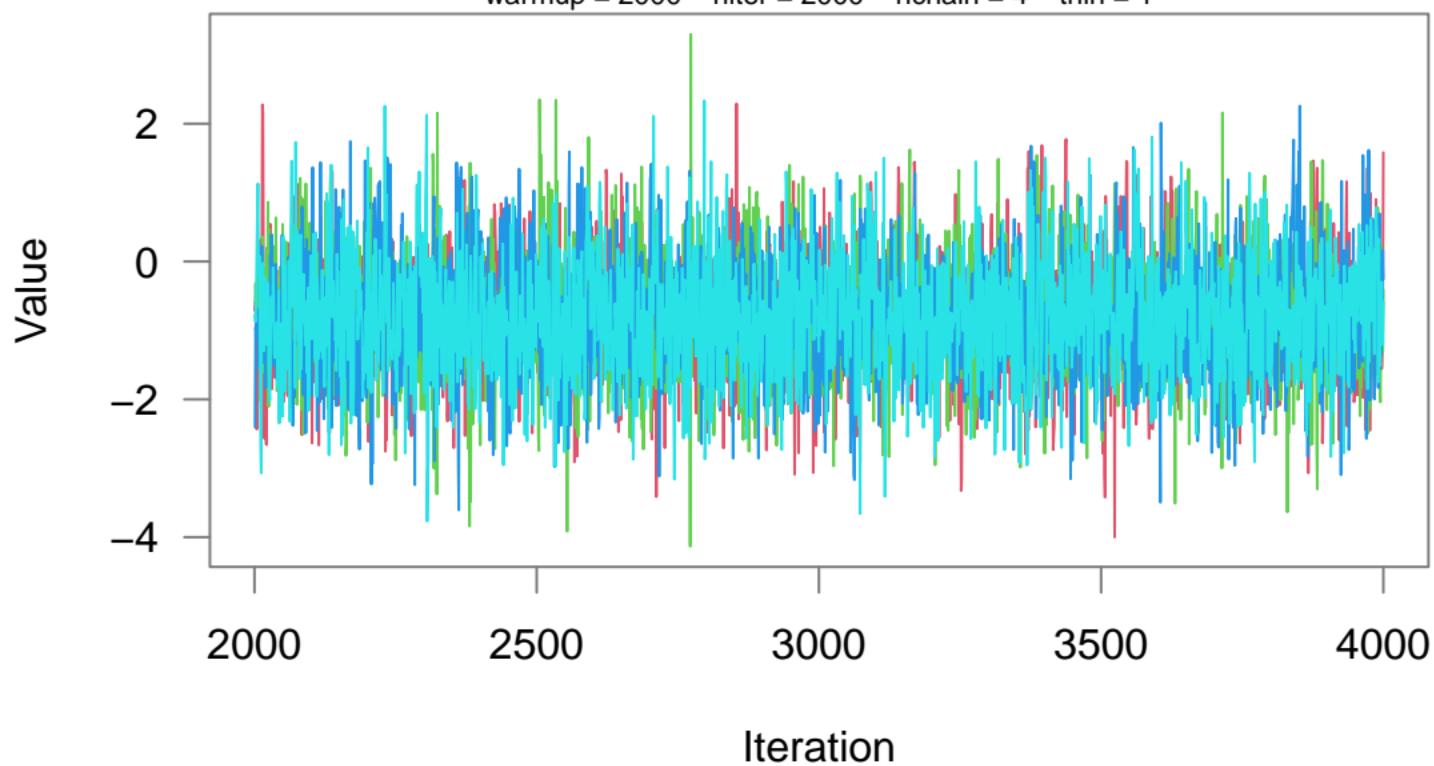
z_3[1,8]

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



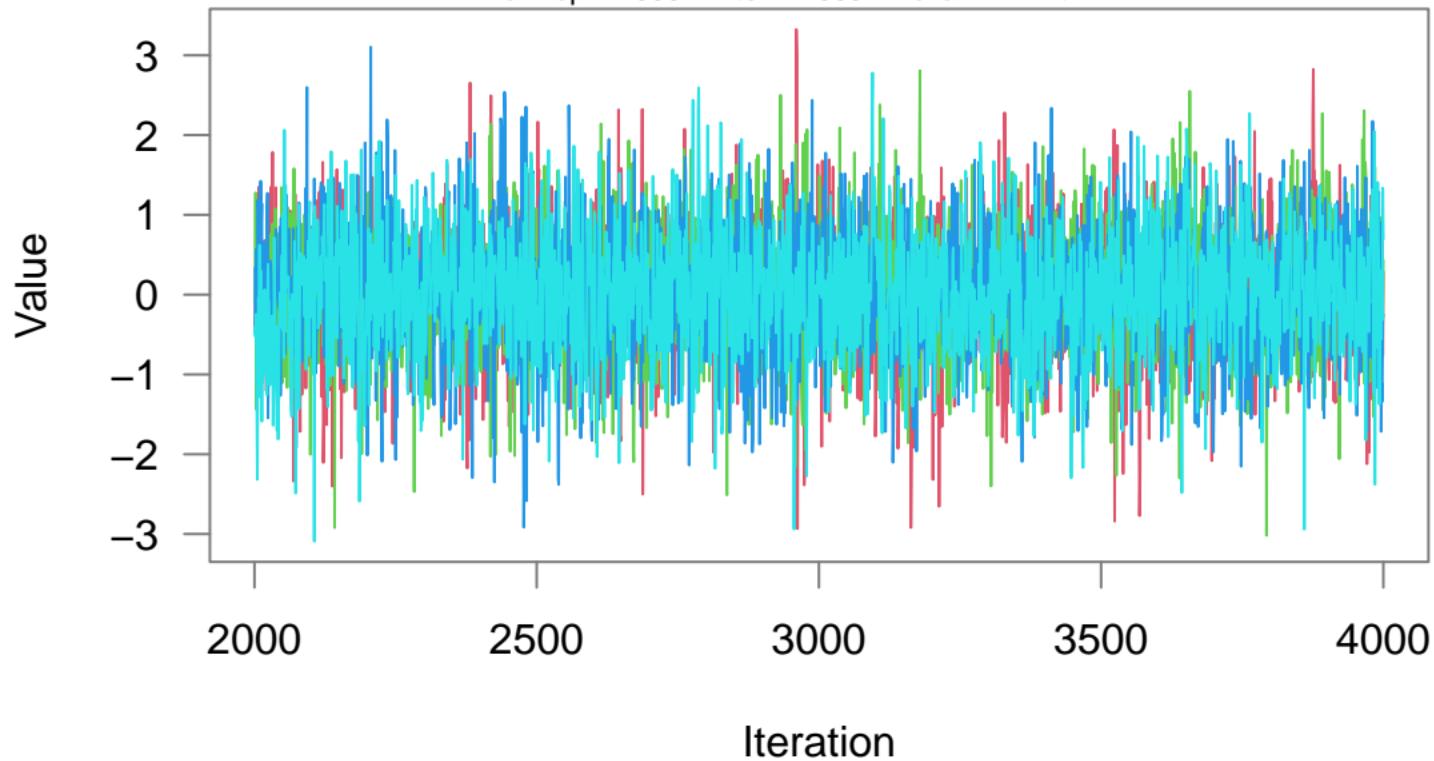
z_3[1,9]

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



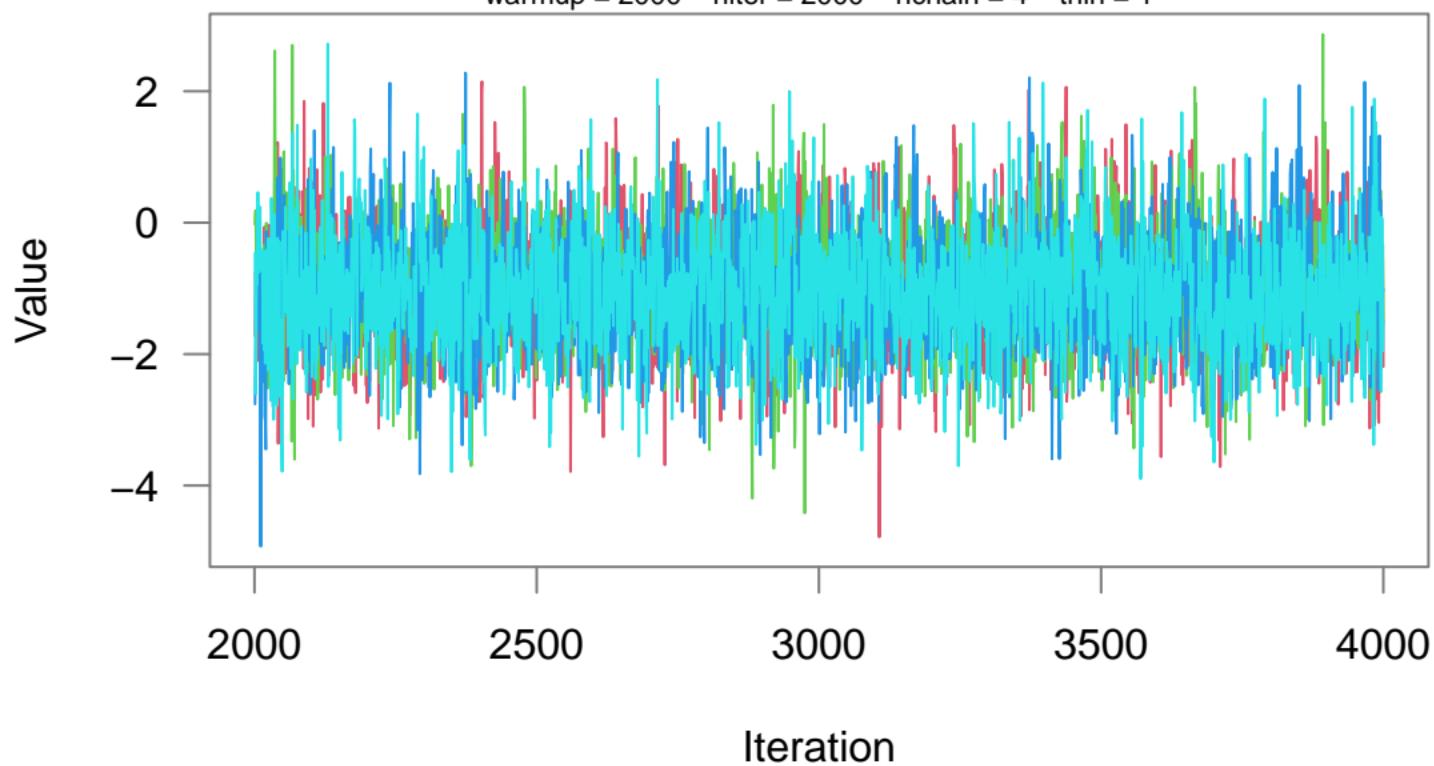
z_3[1,10]

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



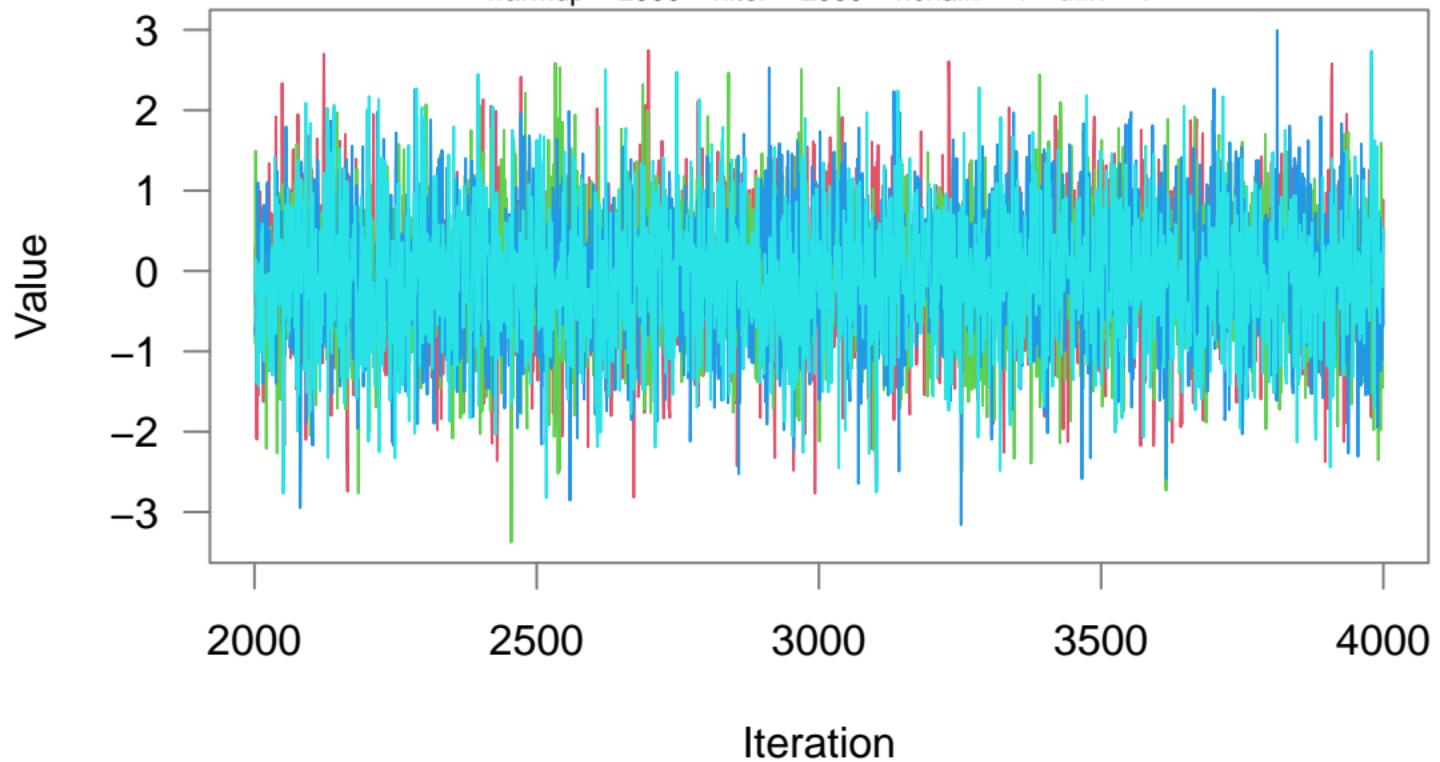
z_3[1,11]

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



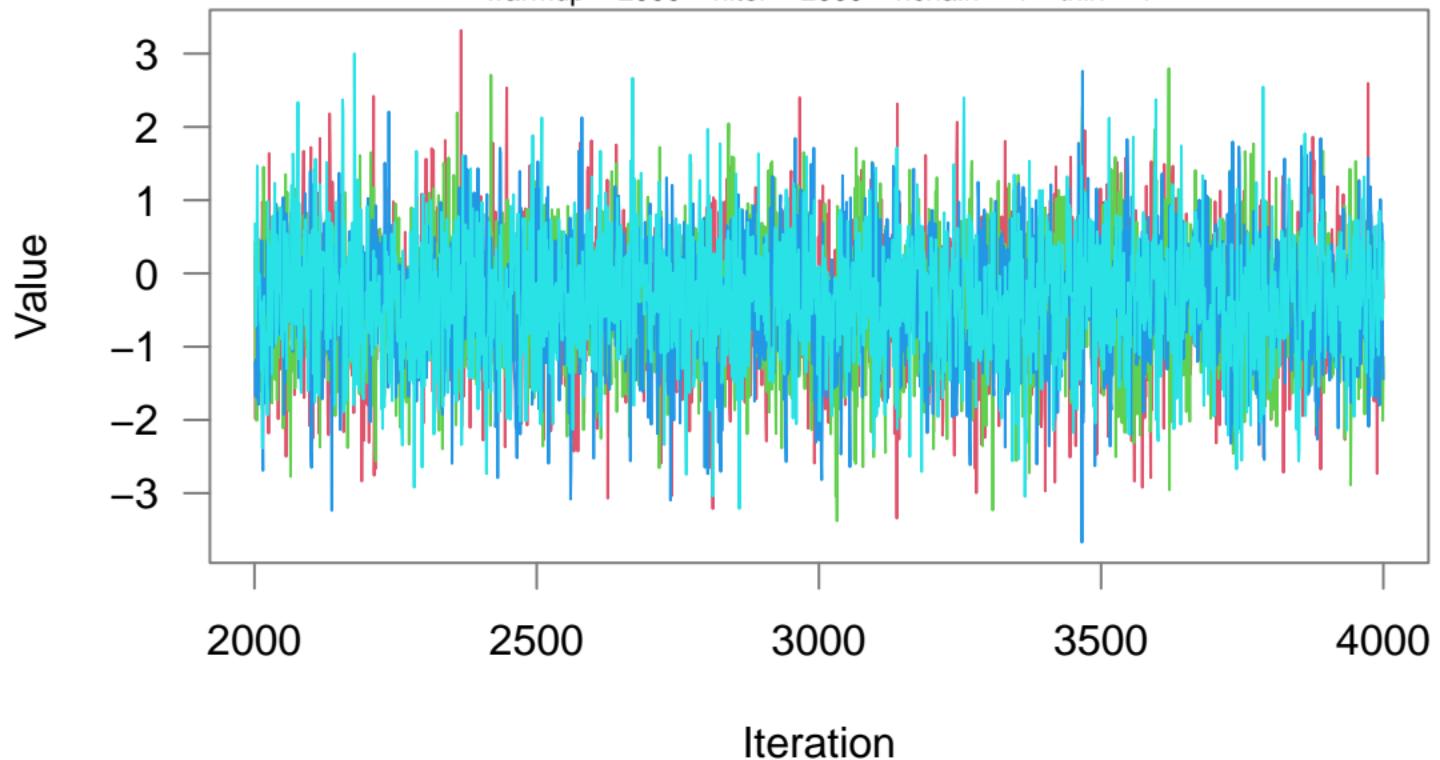
z_3[1,12]

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



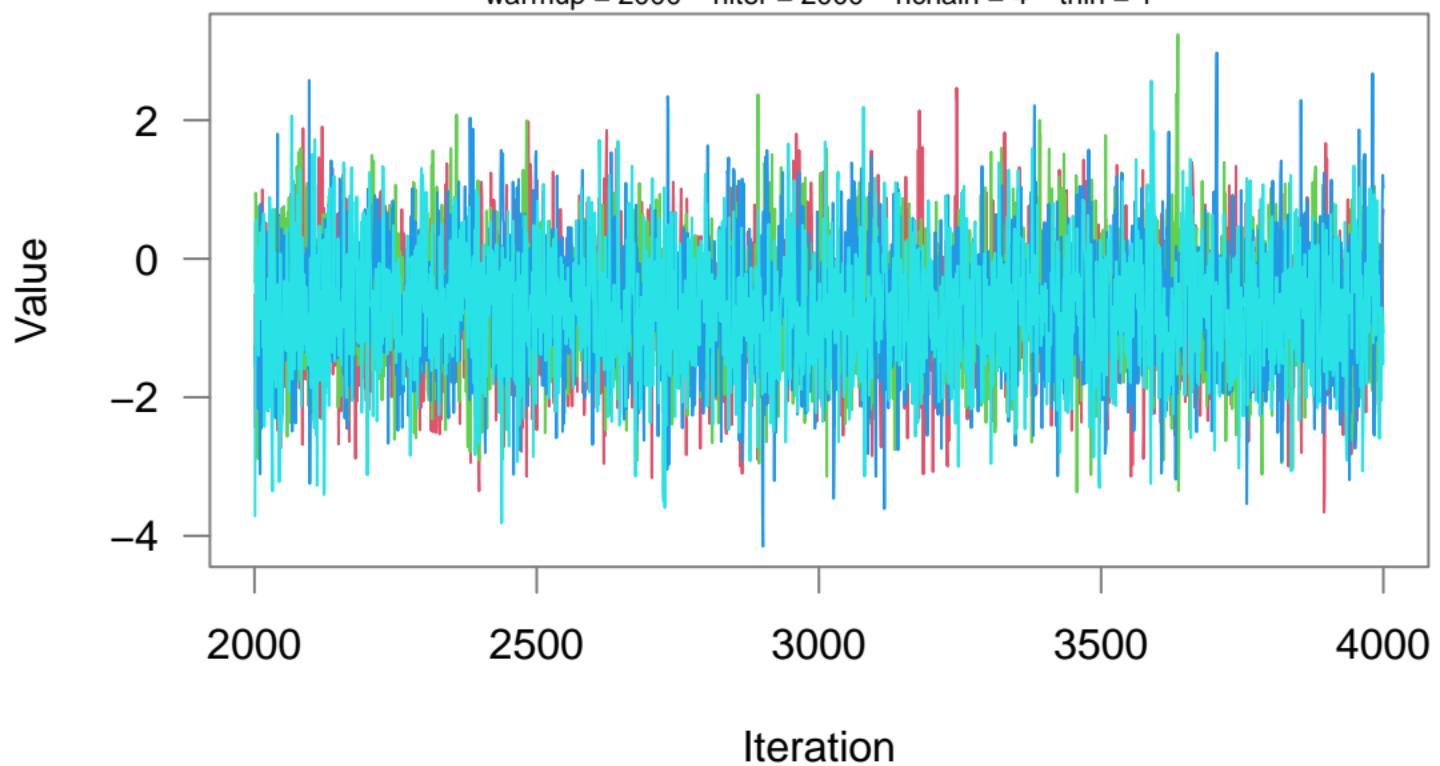
z_3[1,13]

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



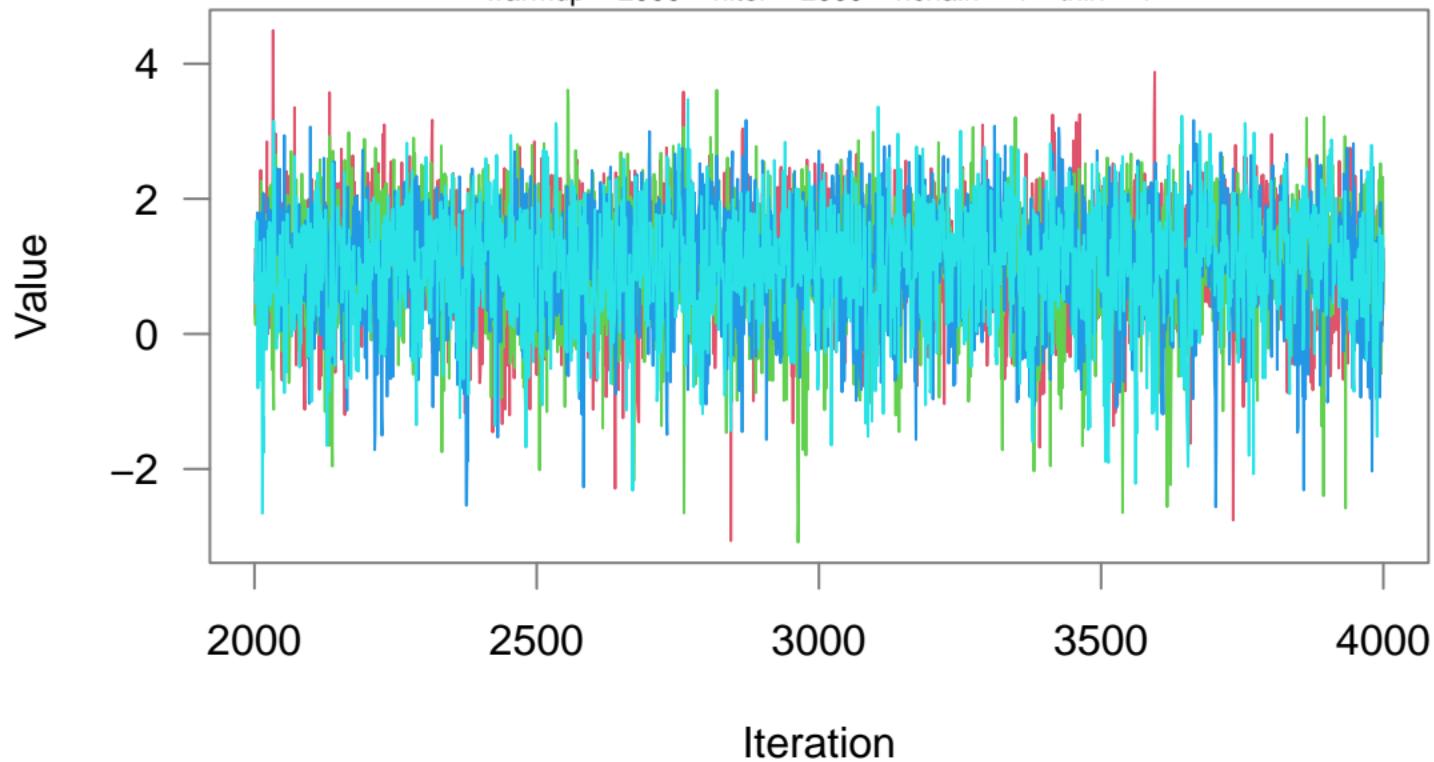
z_3[1,14]

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



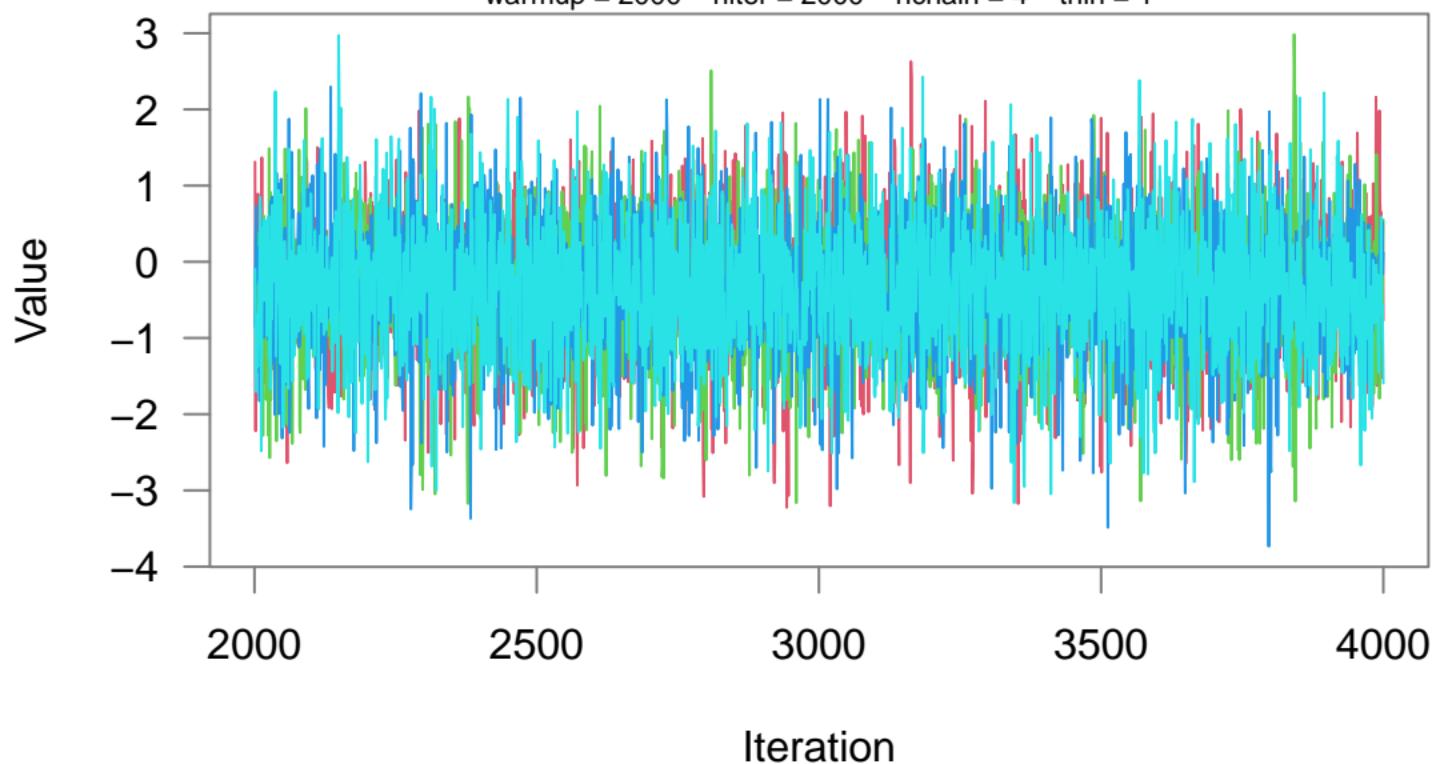
z_3[1,15]

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



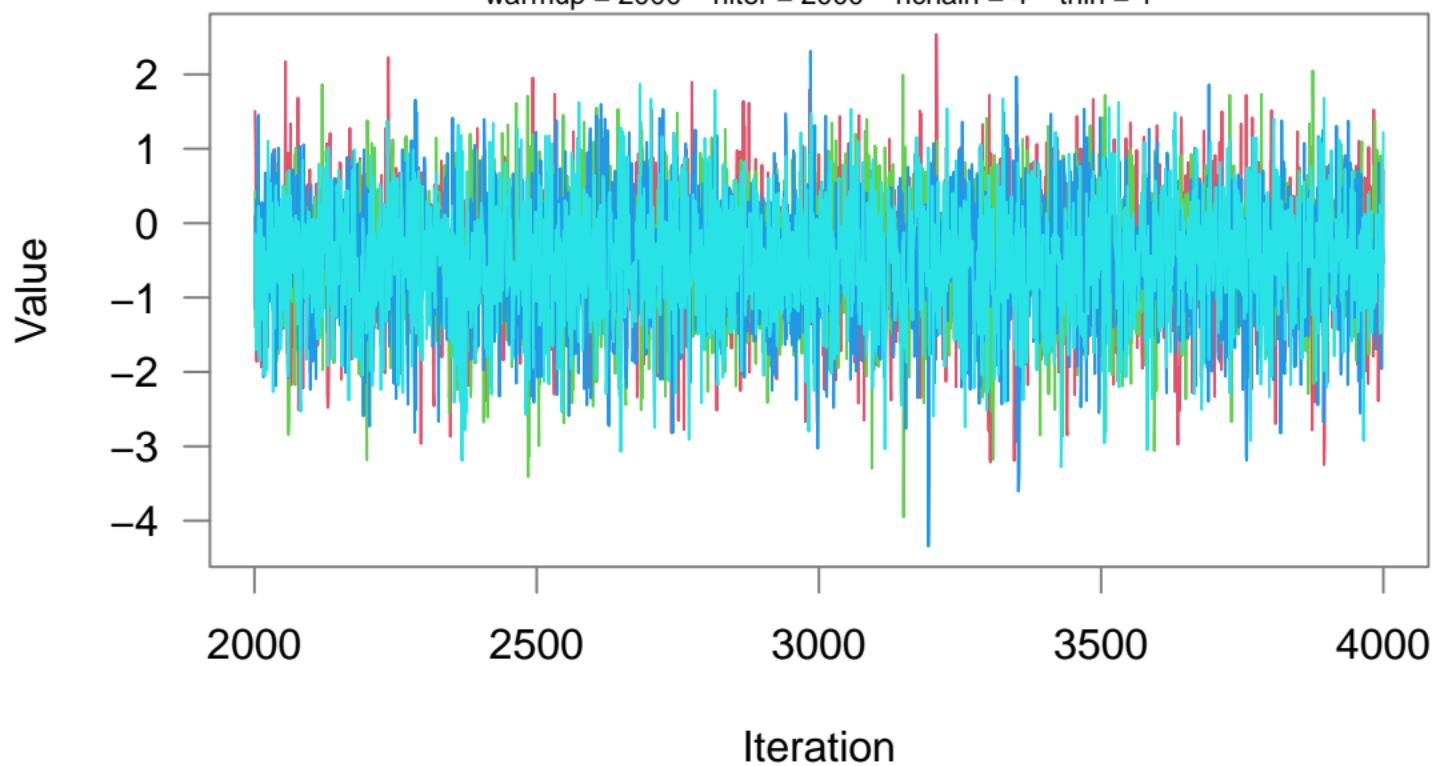
$z_{-4}[1,1]$

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



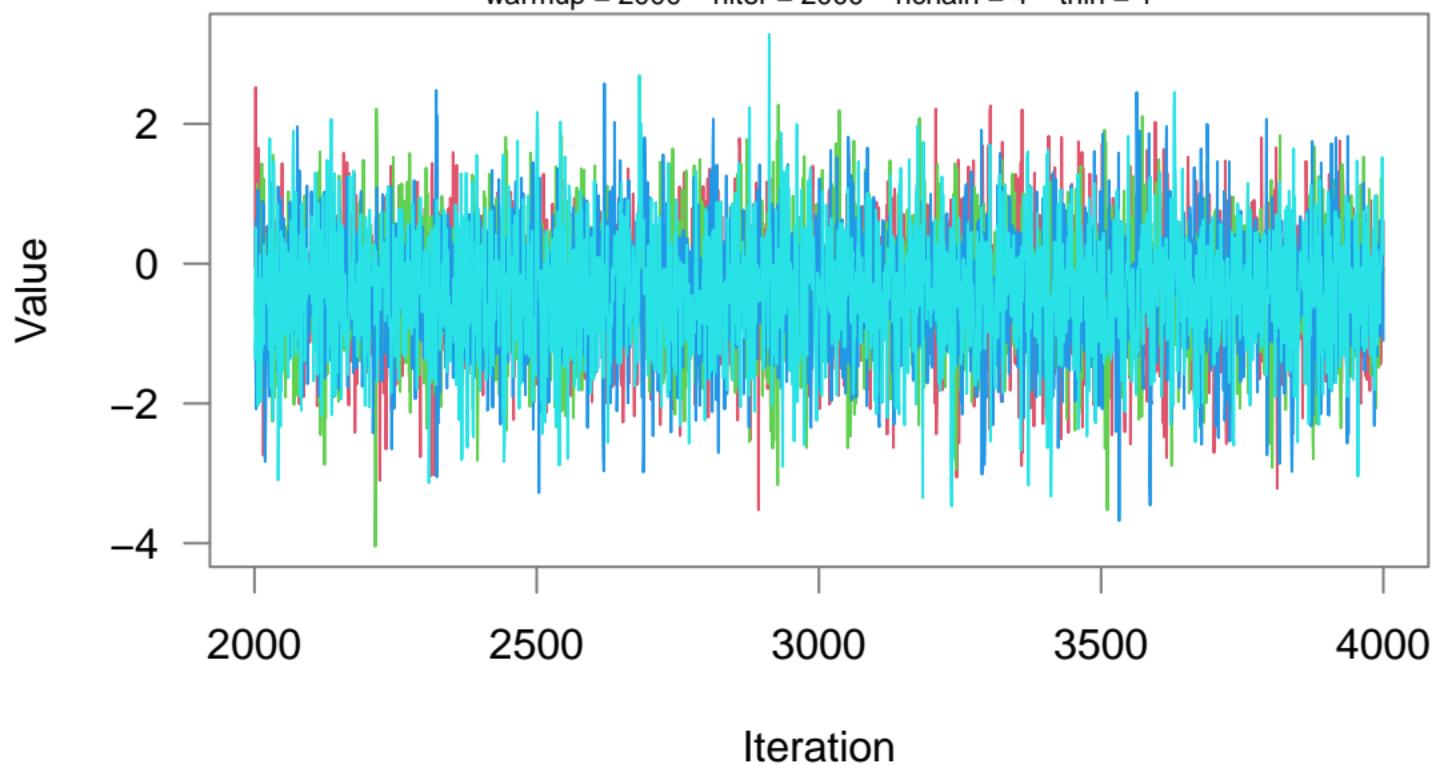
$z_{-4}[1,2]$

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



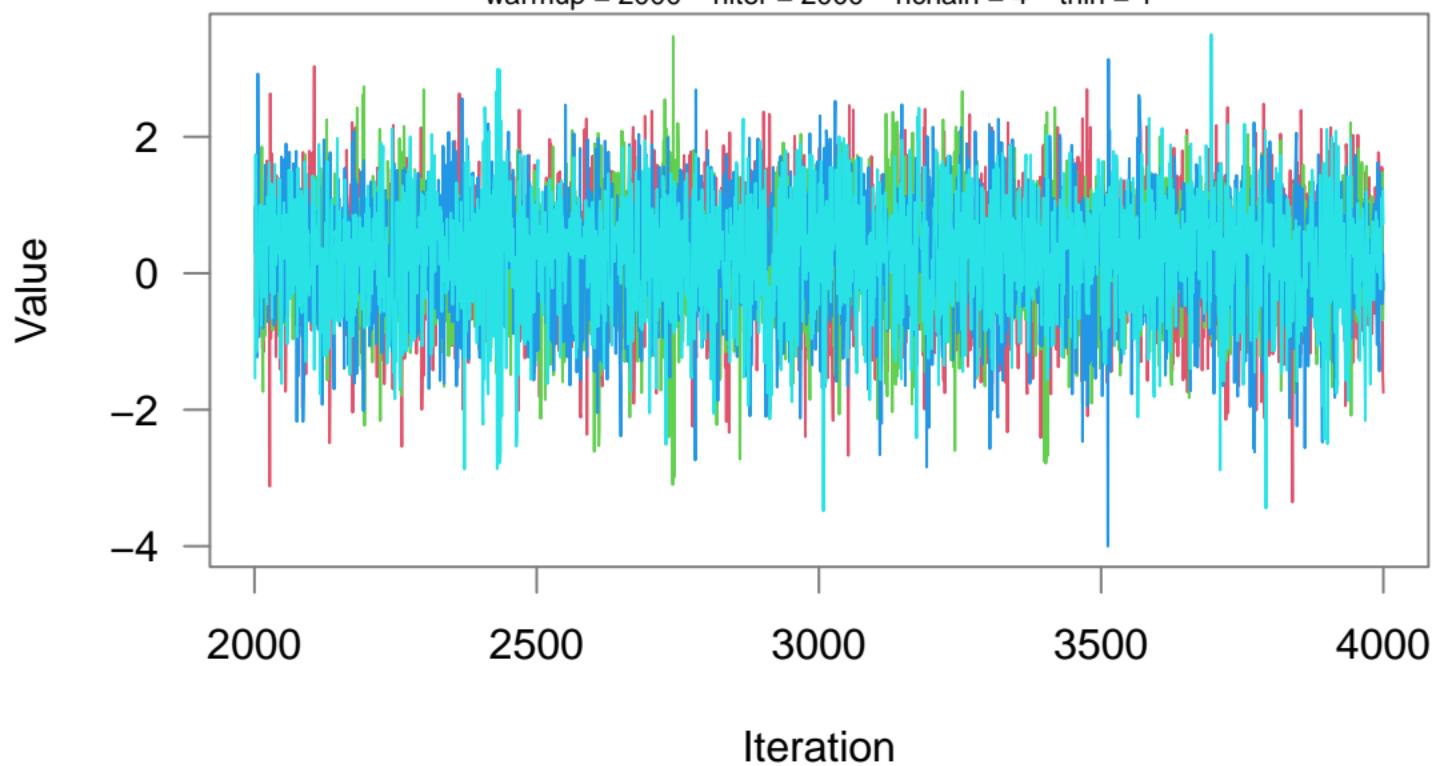
$z_4[1,3]$

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



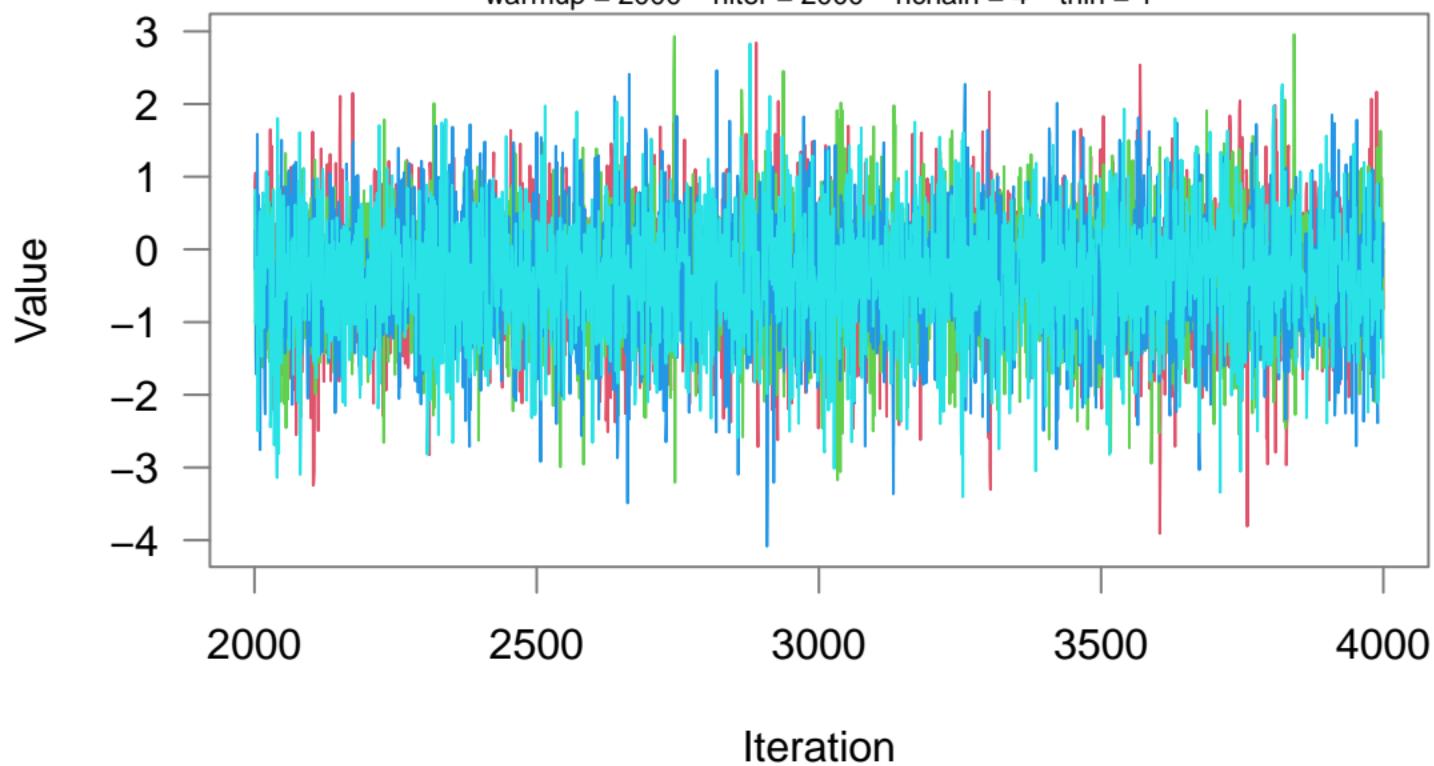
$z_{-4}[1,4]$

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



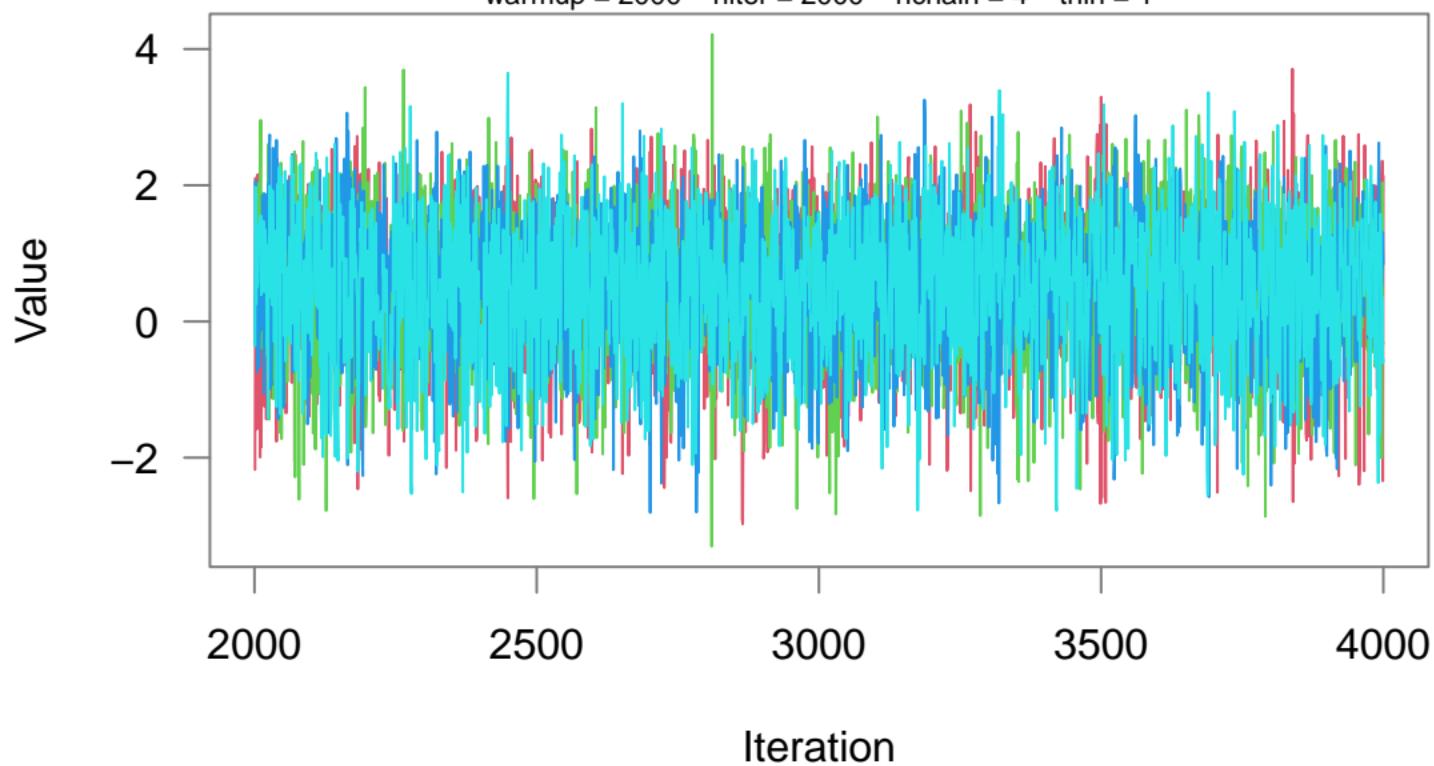
$z_{-4}[1,5]$

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



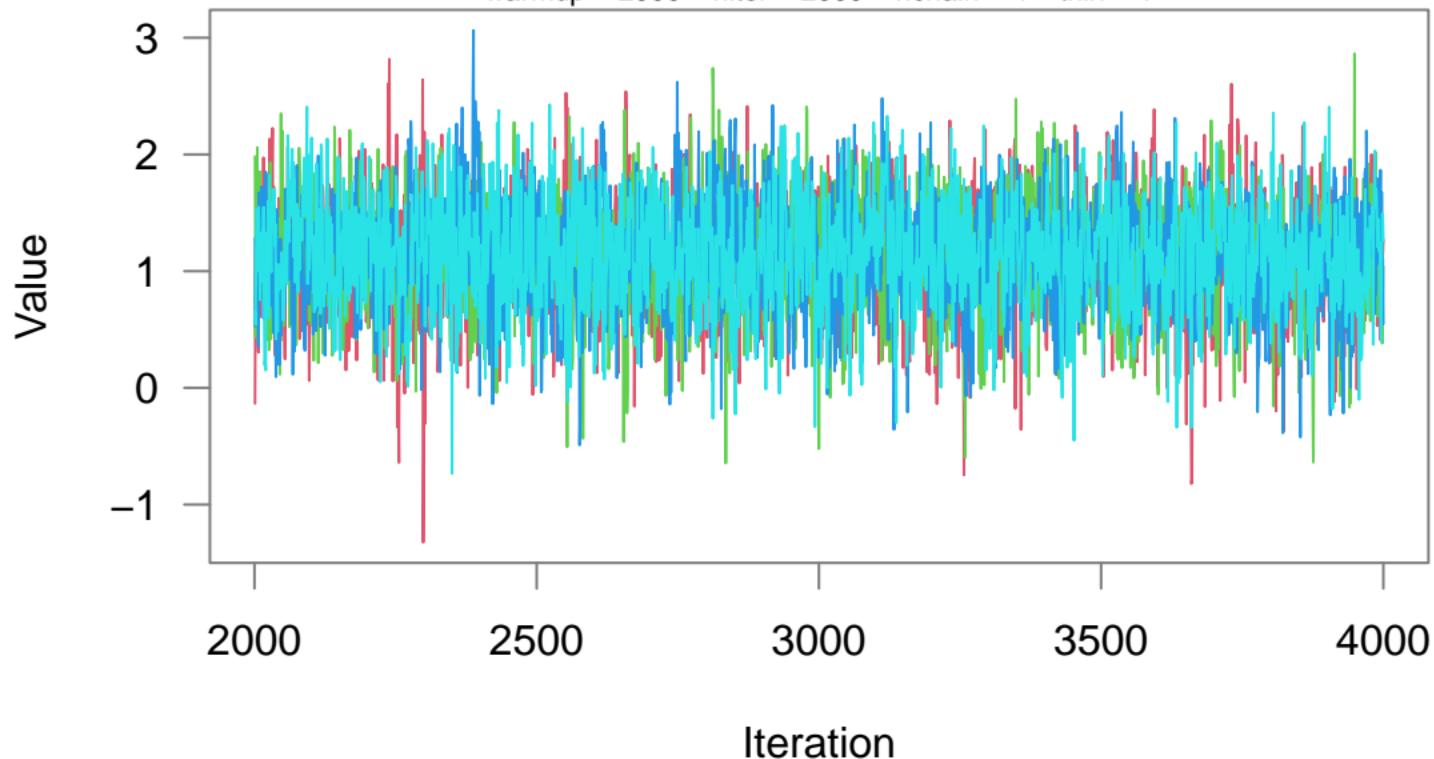
$z_{-4}[1,6]$

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



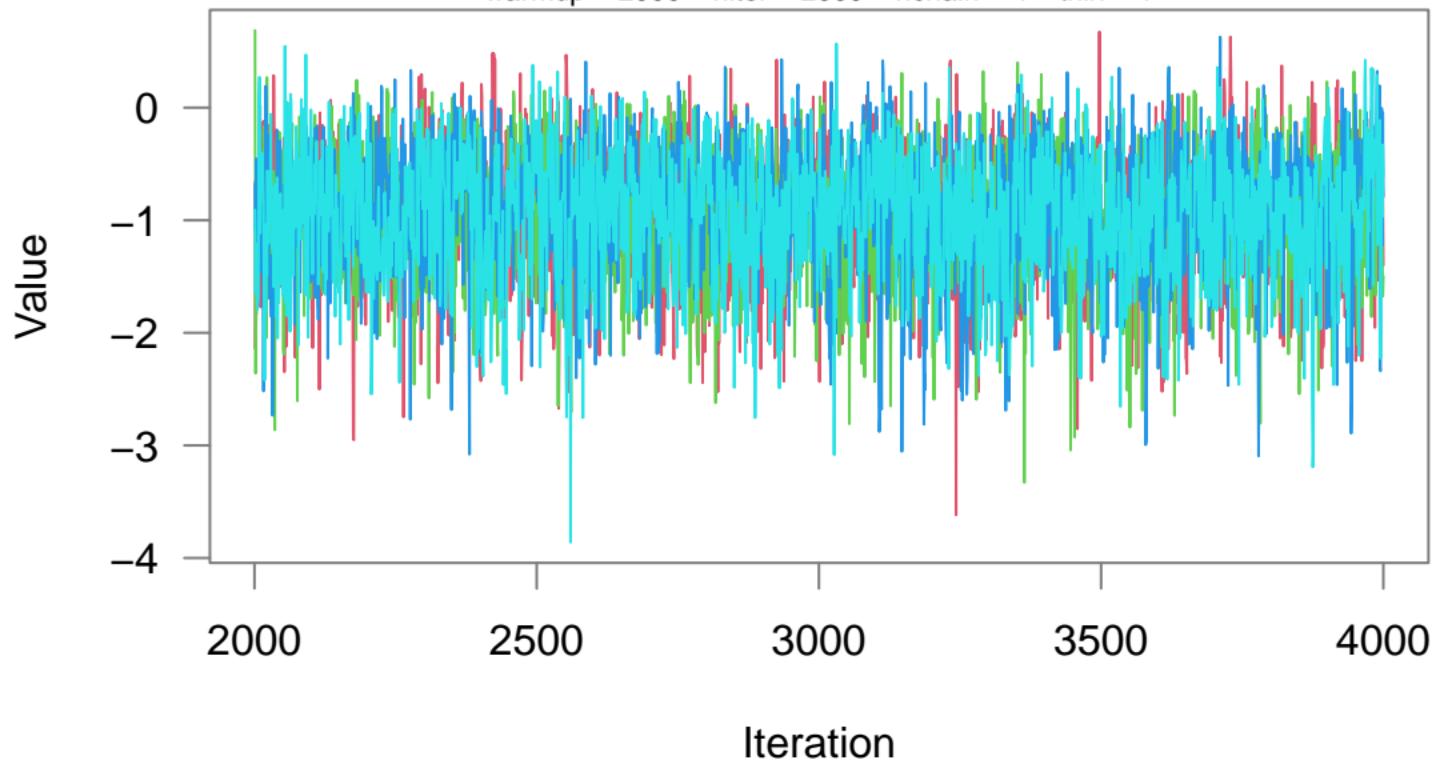
$z_4[1,7]$

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



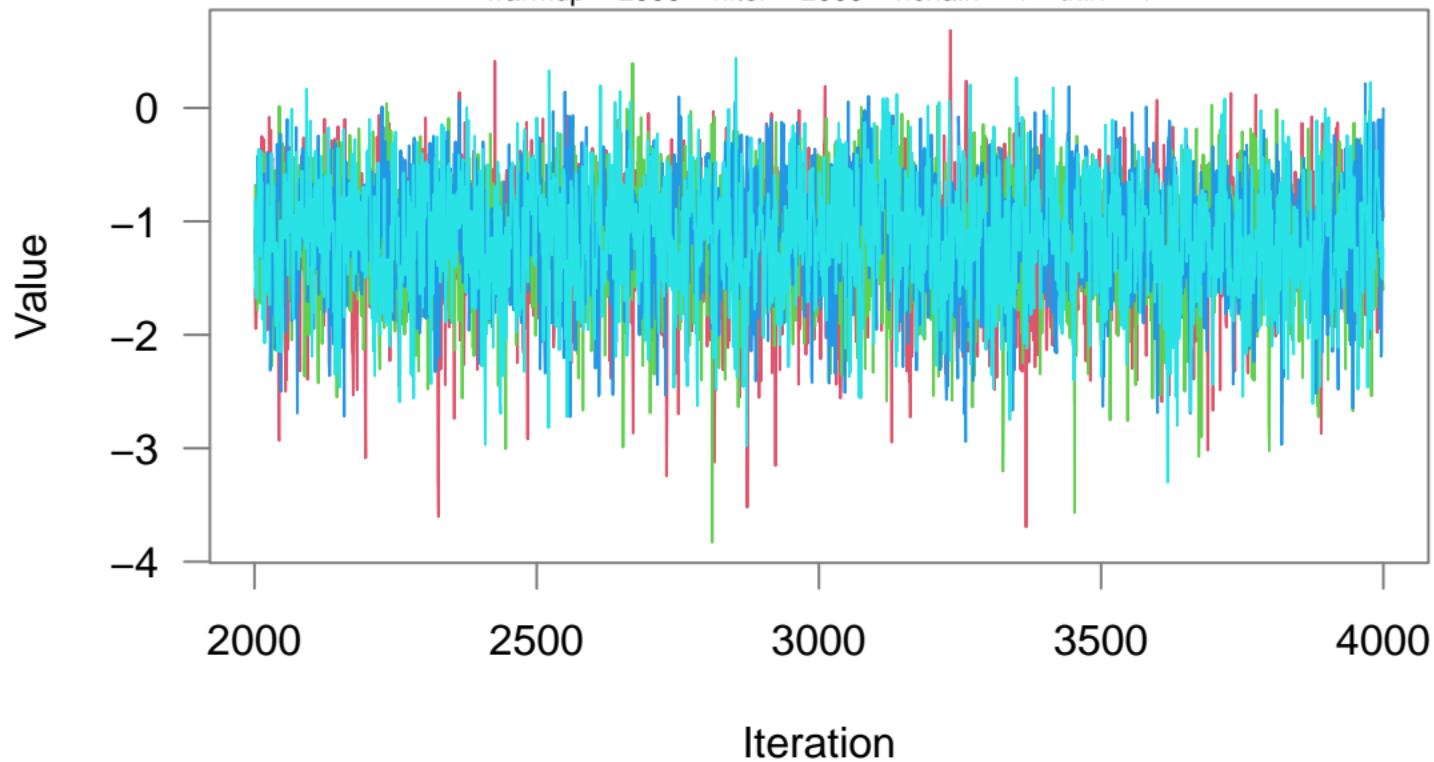
$z_{-4}[1,8]$

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



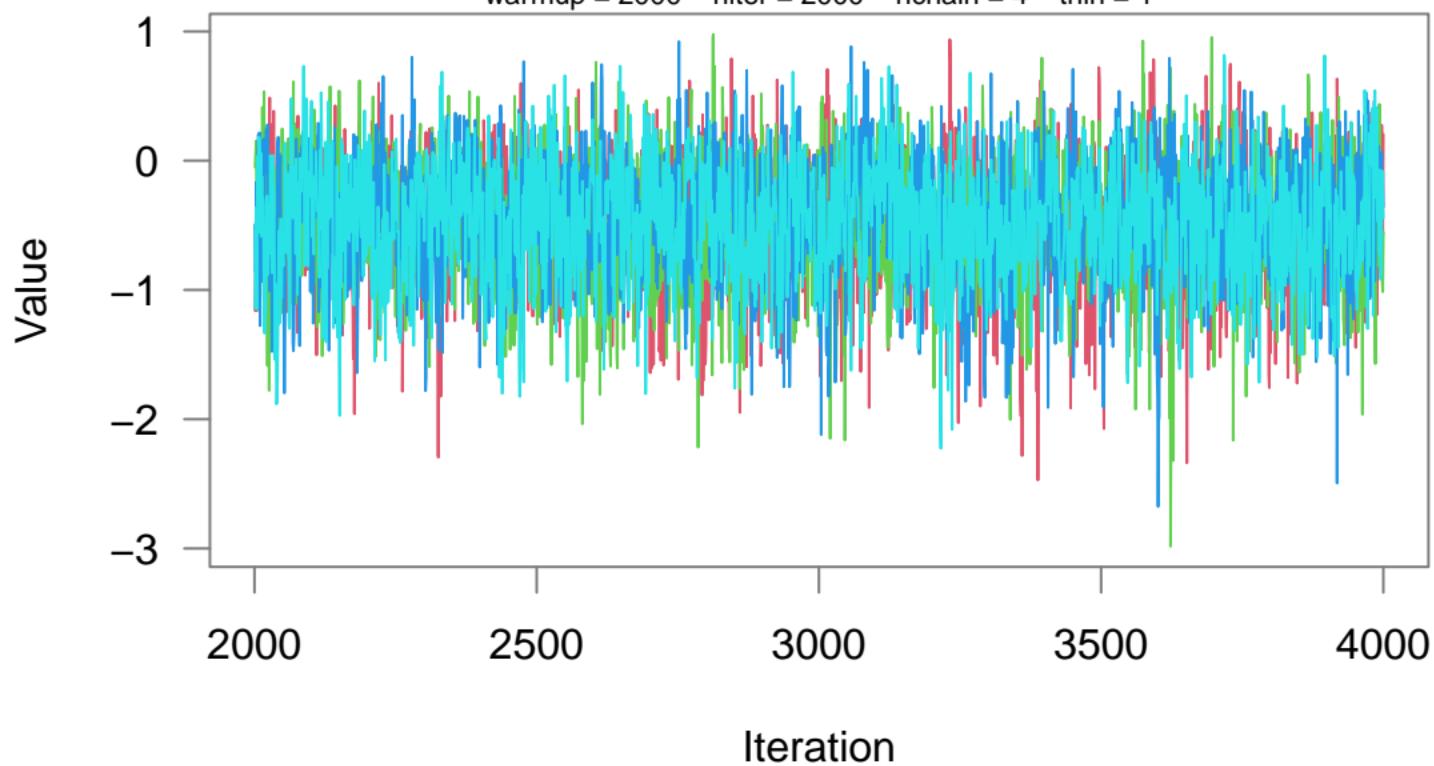
$z_{-4}[1,9]$

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

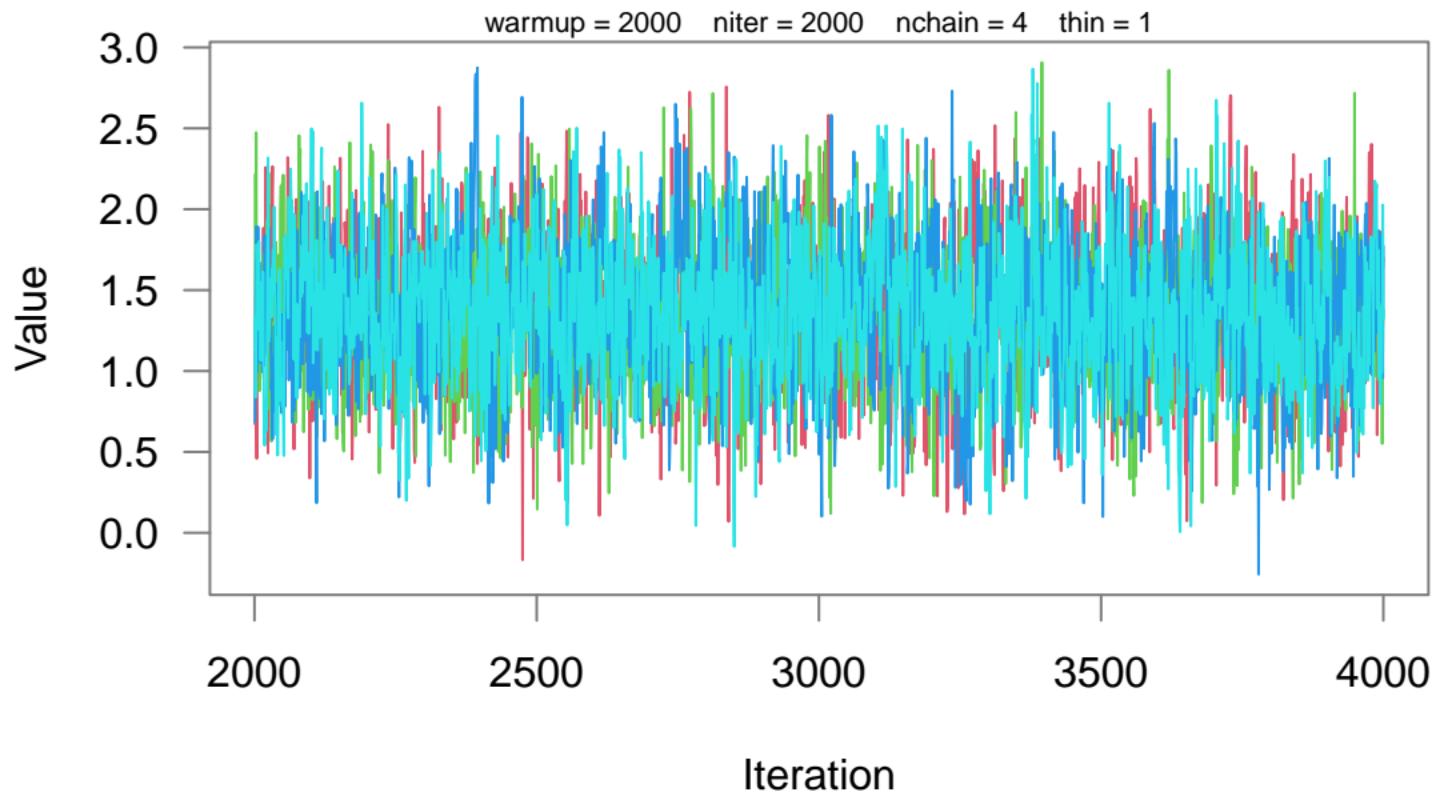


z_4[1,10]

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

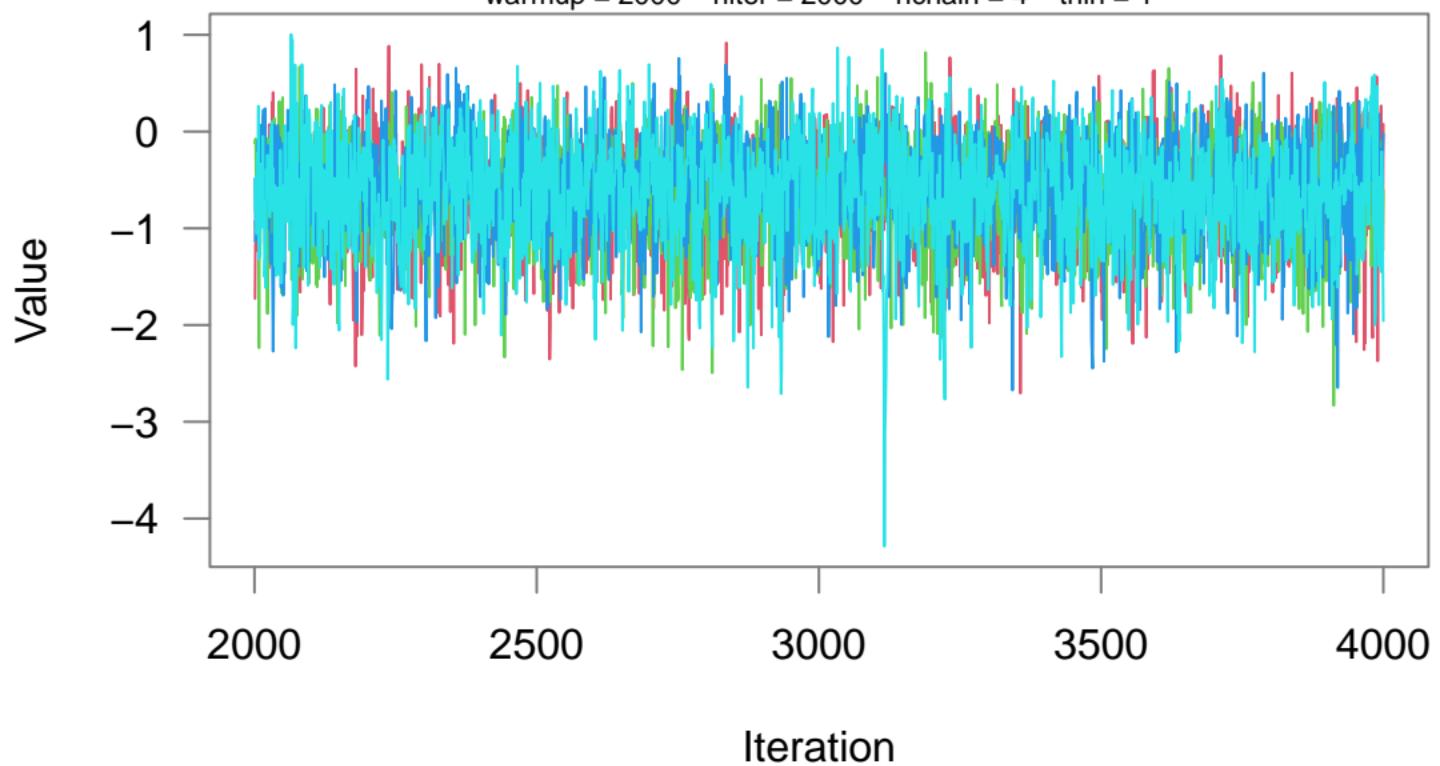


z_4[1,11]



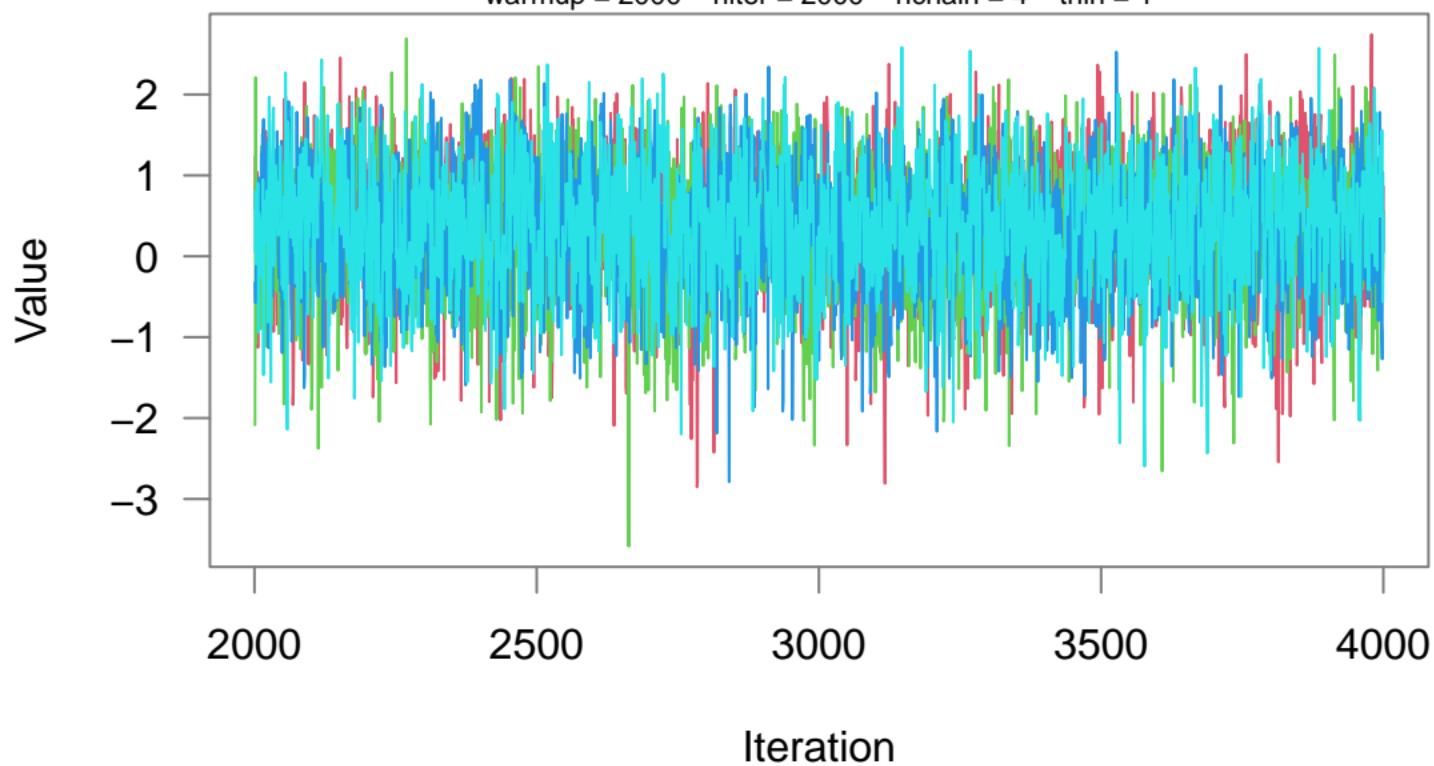
z_4[1,12]

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



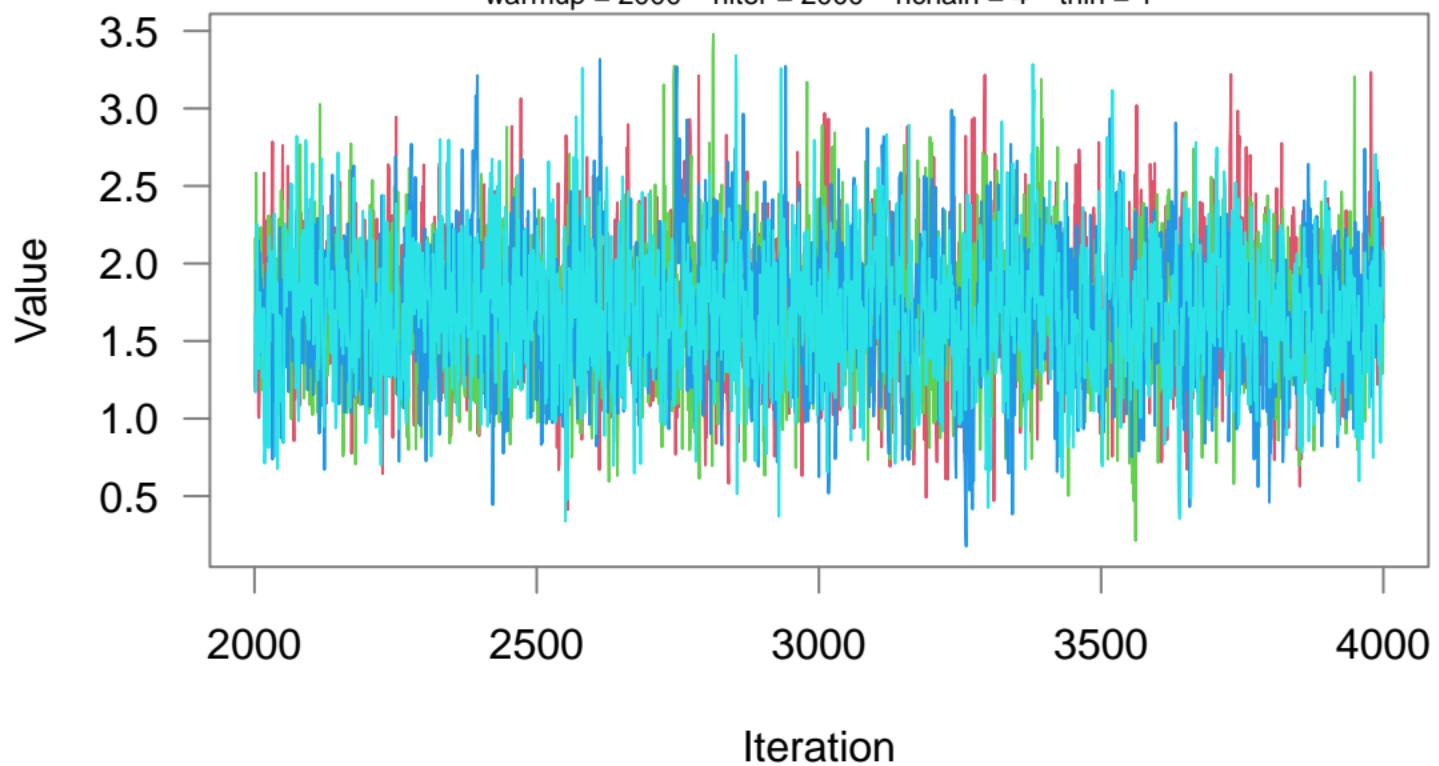
z_4[1,13]

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



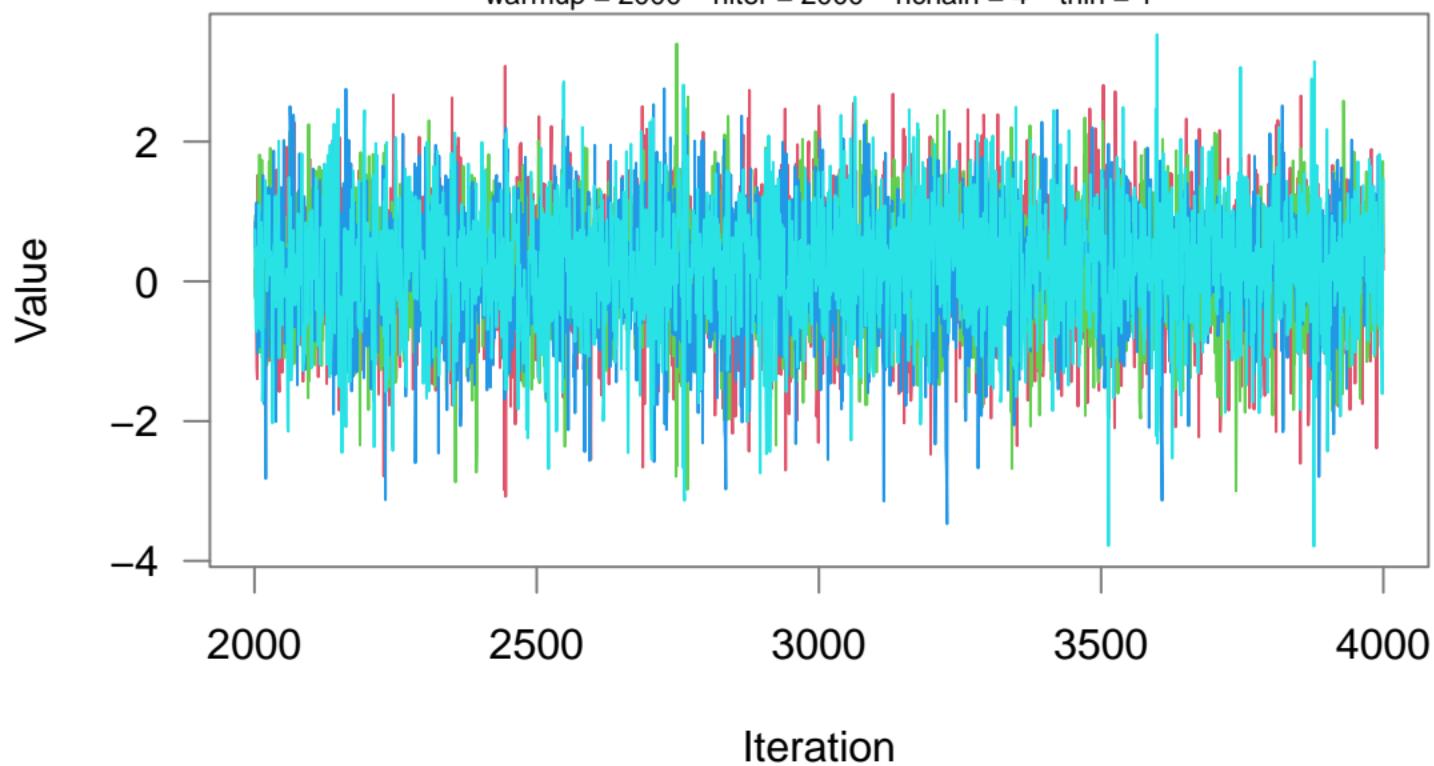
z_4[1,14]

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



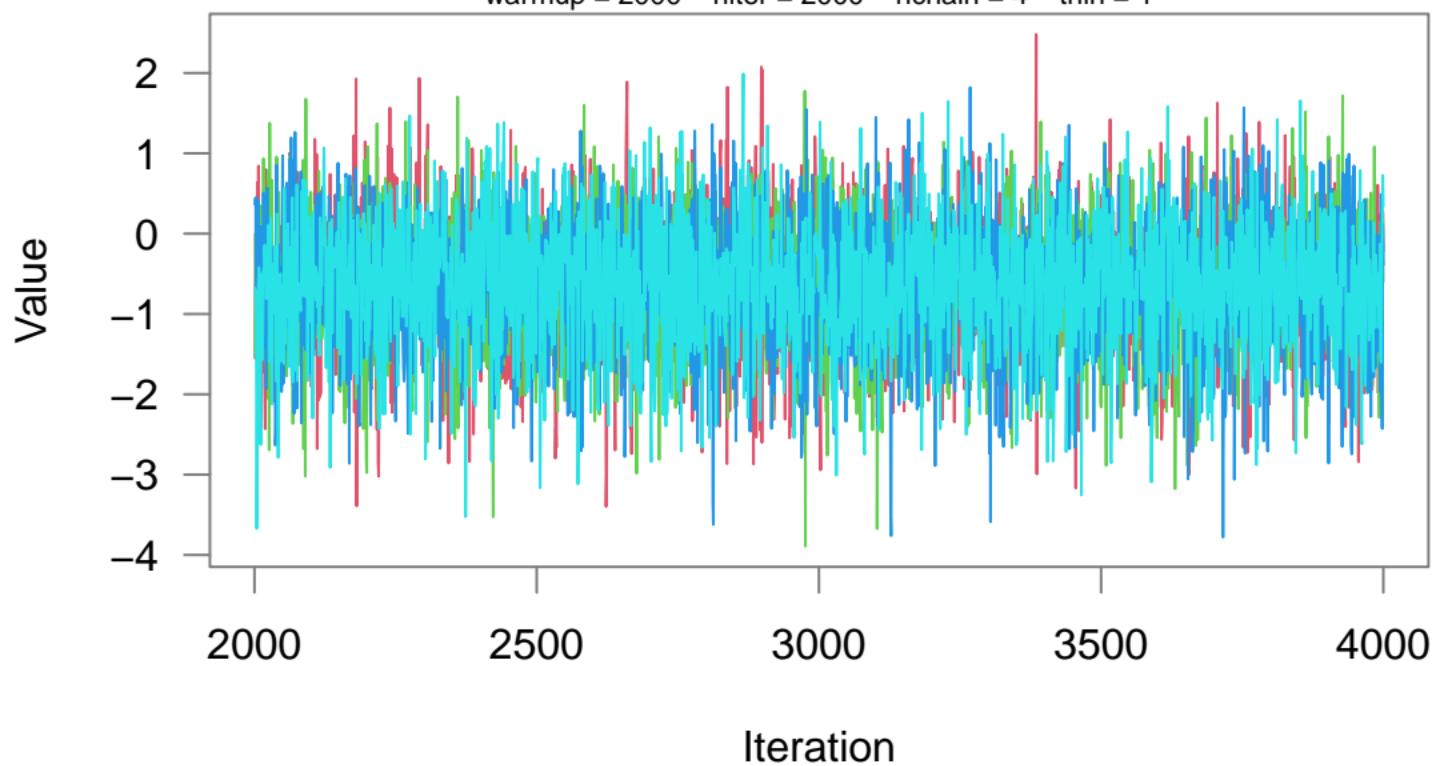
z_4[1,15]

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

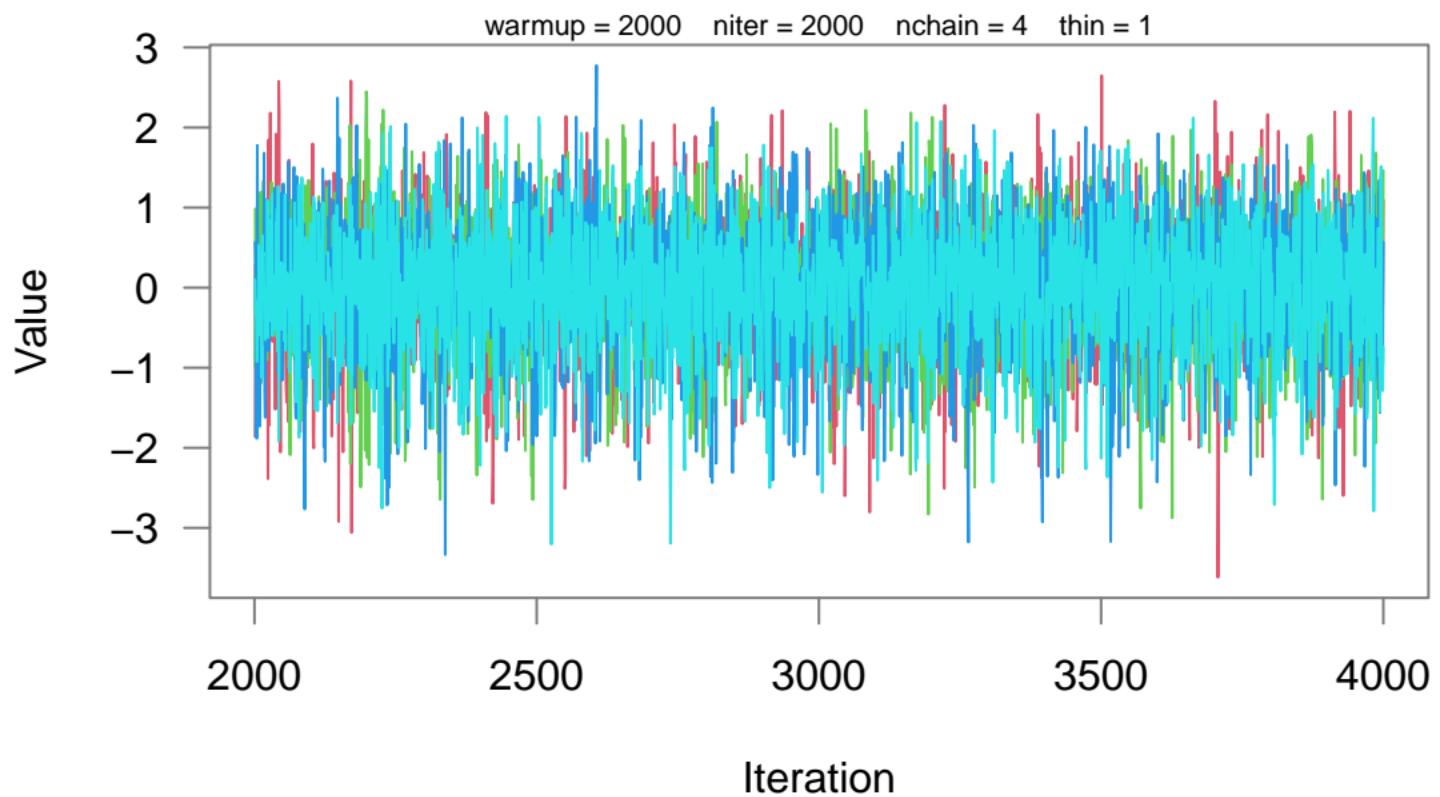


z_4[1,16]

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

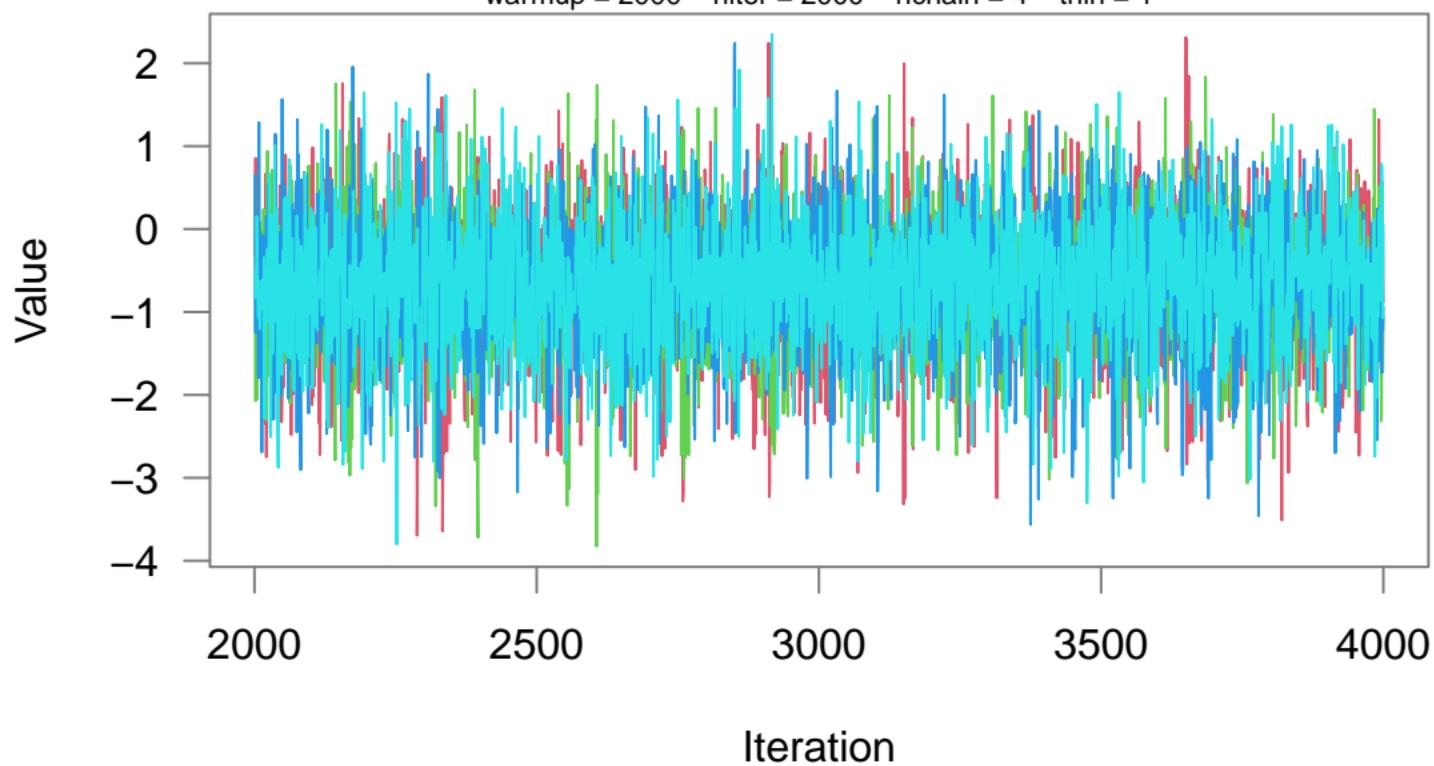


z_4[1,17]



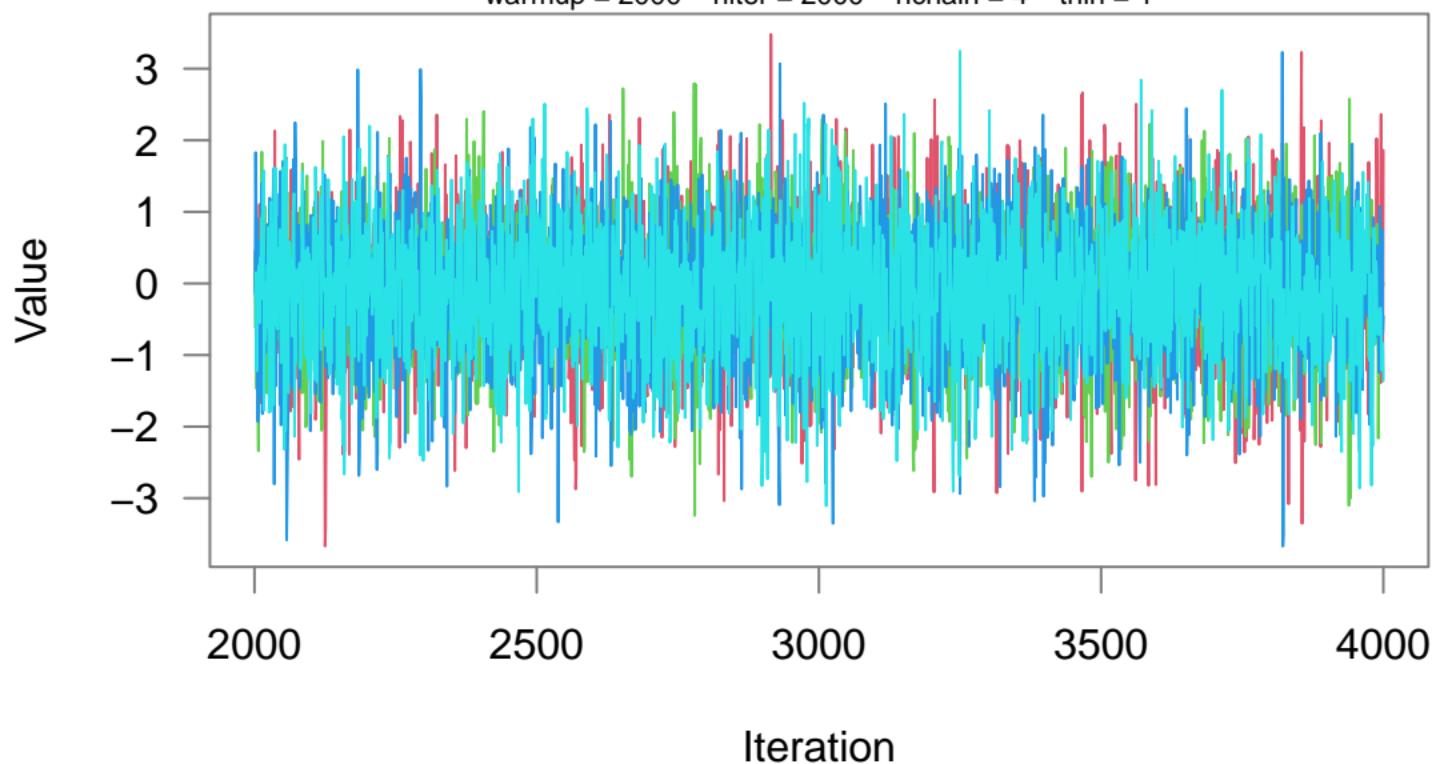
z_4[1,18]

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



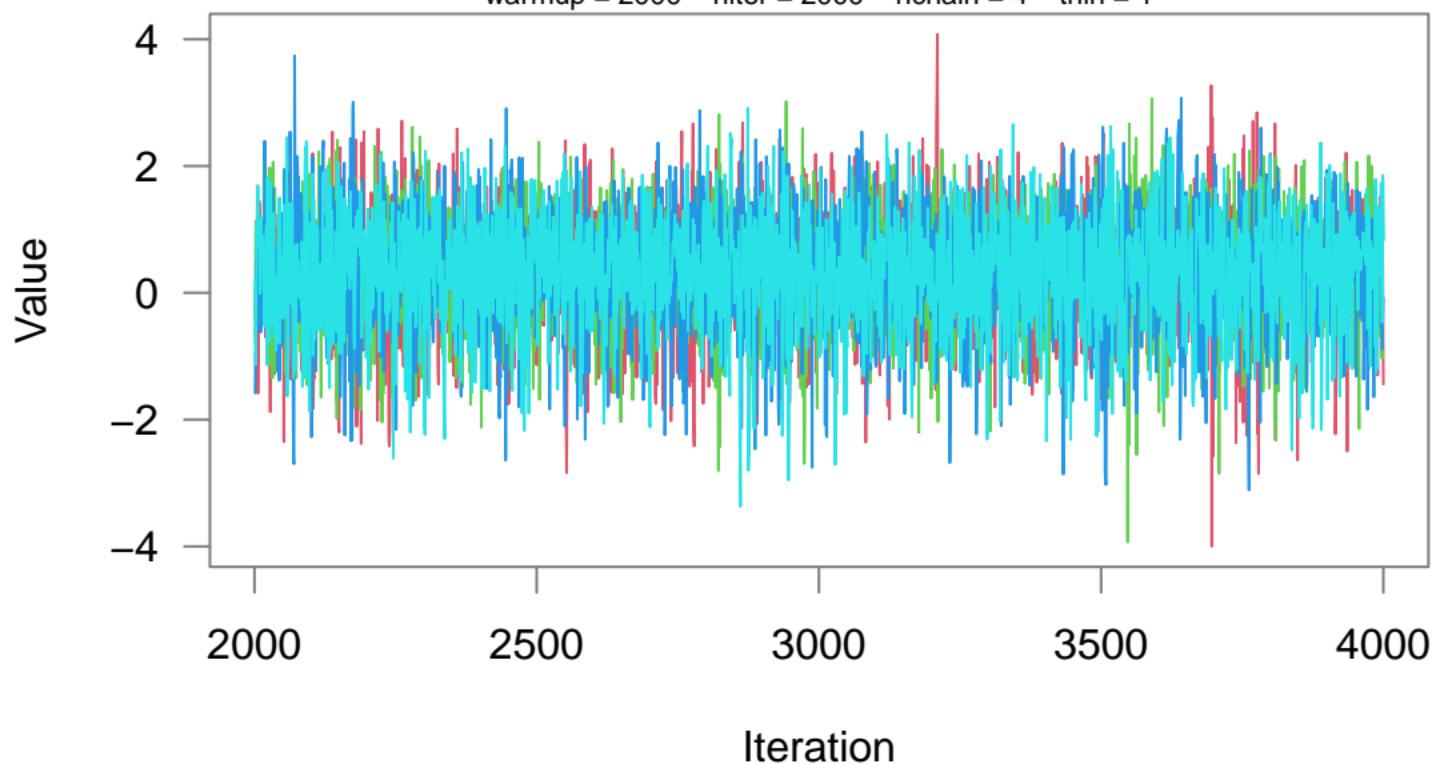
z_4[1,19]

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



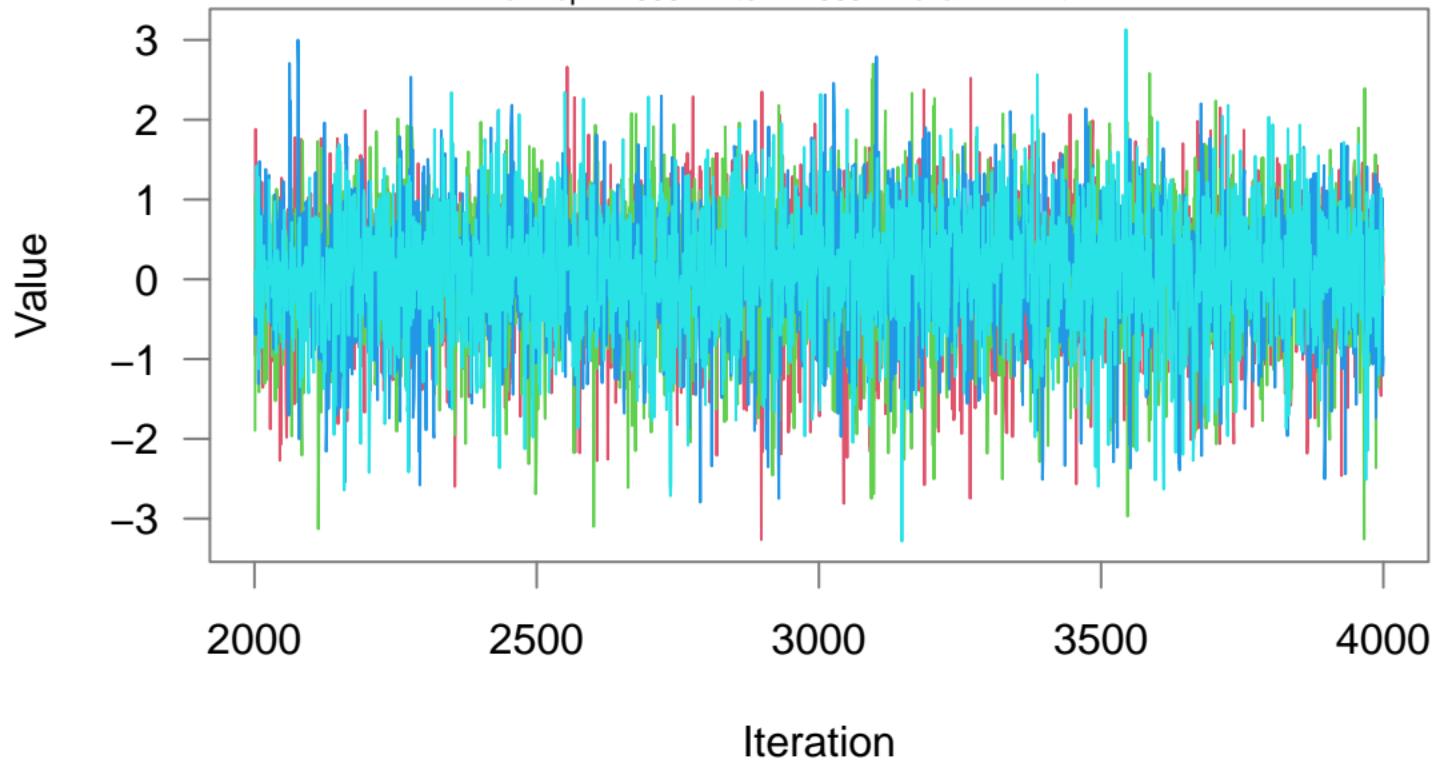
z_4[1,20]

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



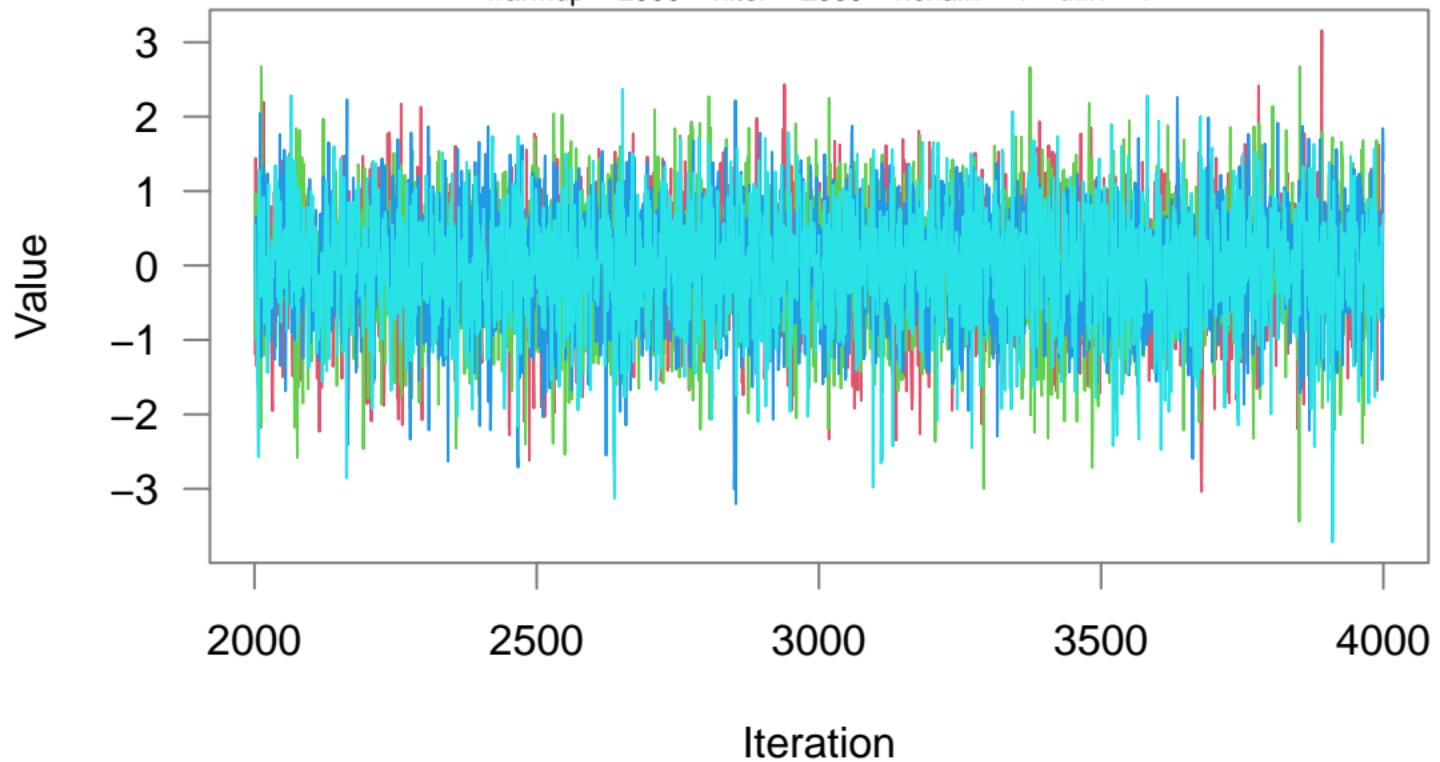
z_4[1,21]

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



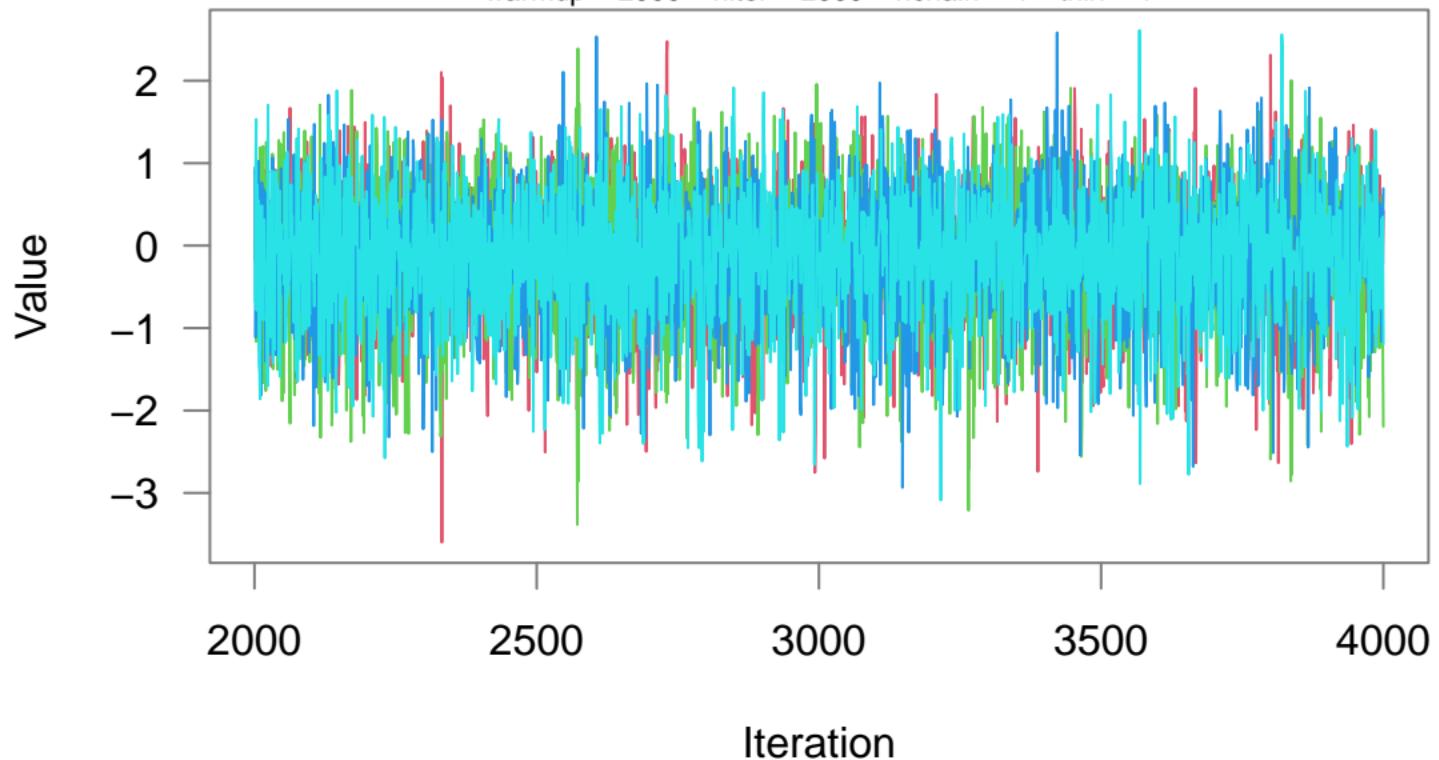
z_4[1,22]

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



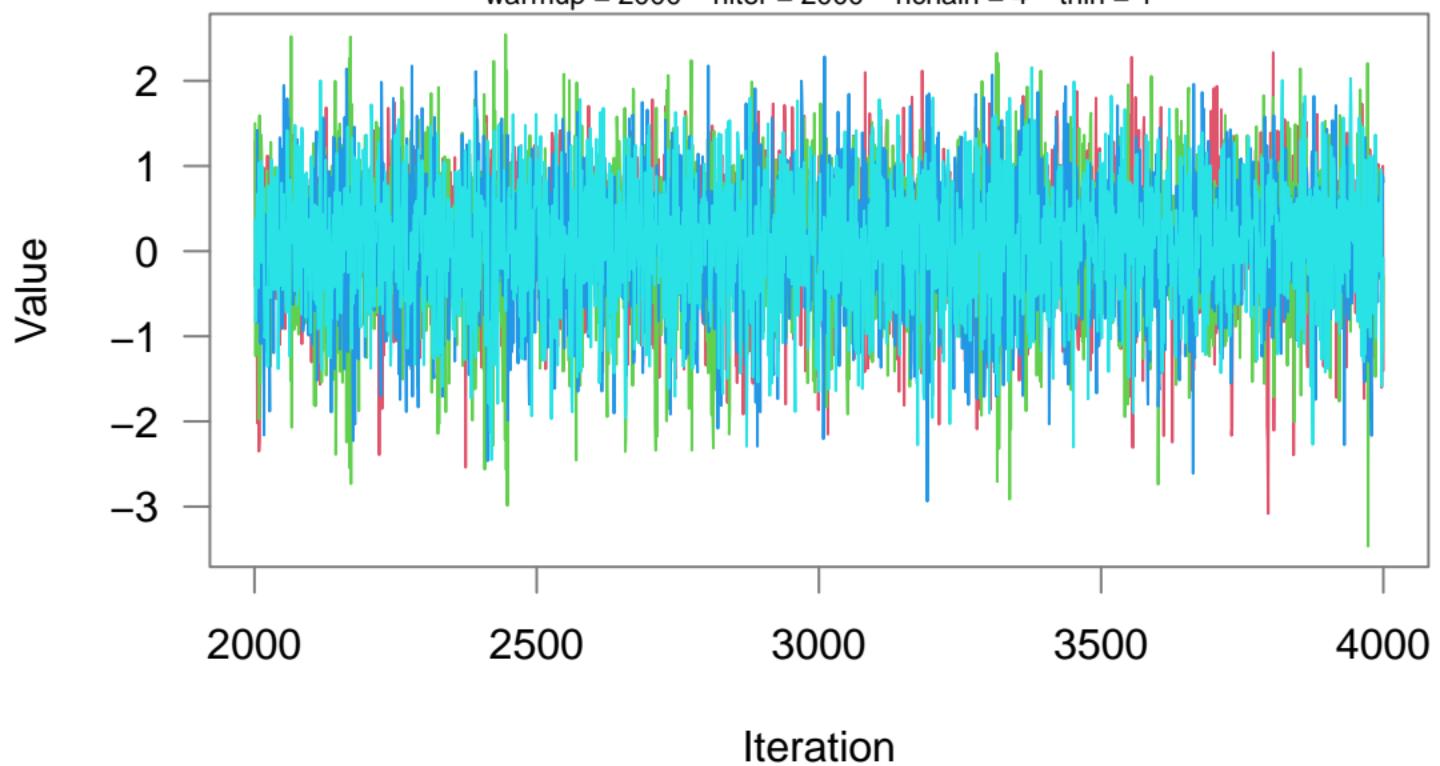
z_4[1,23]

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



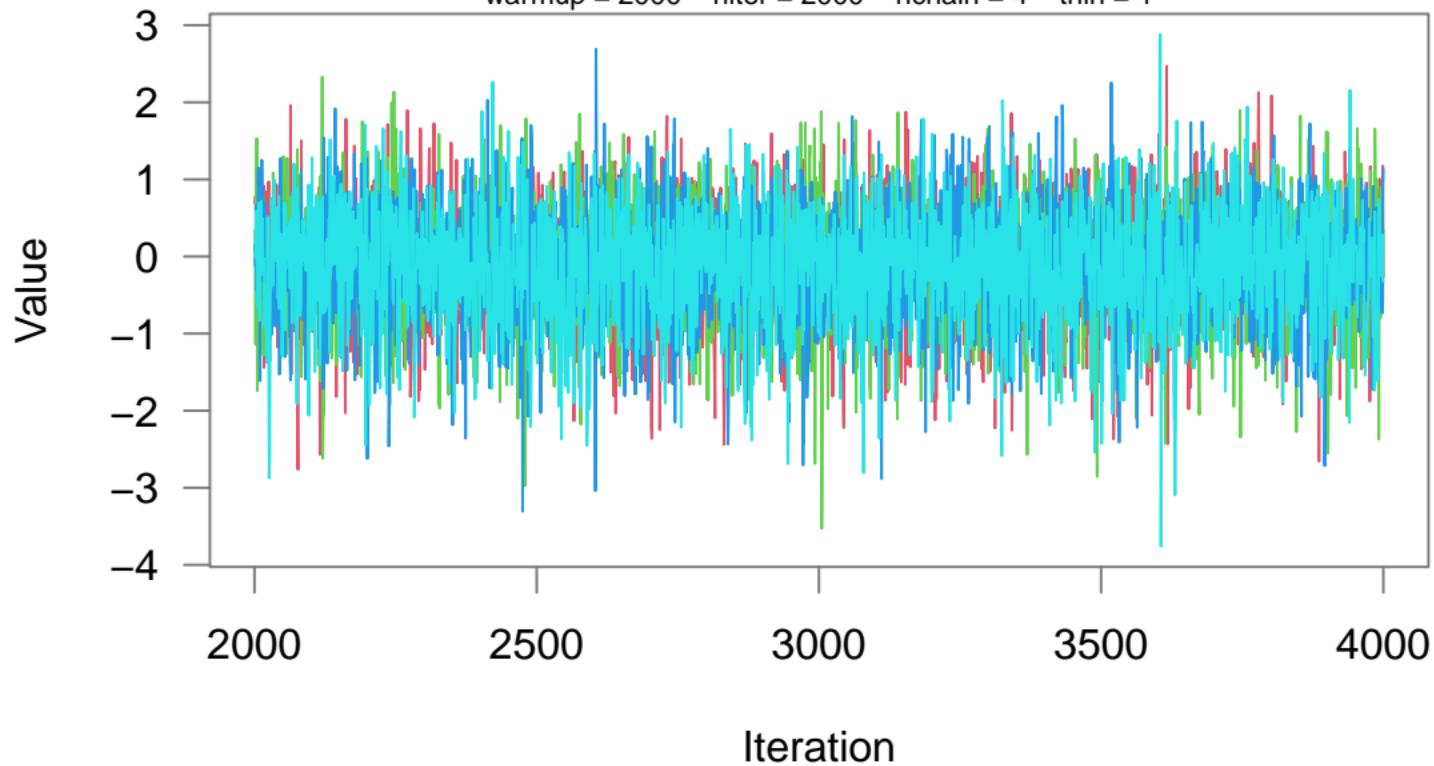
z_4[1,24]

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



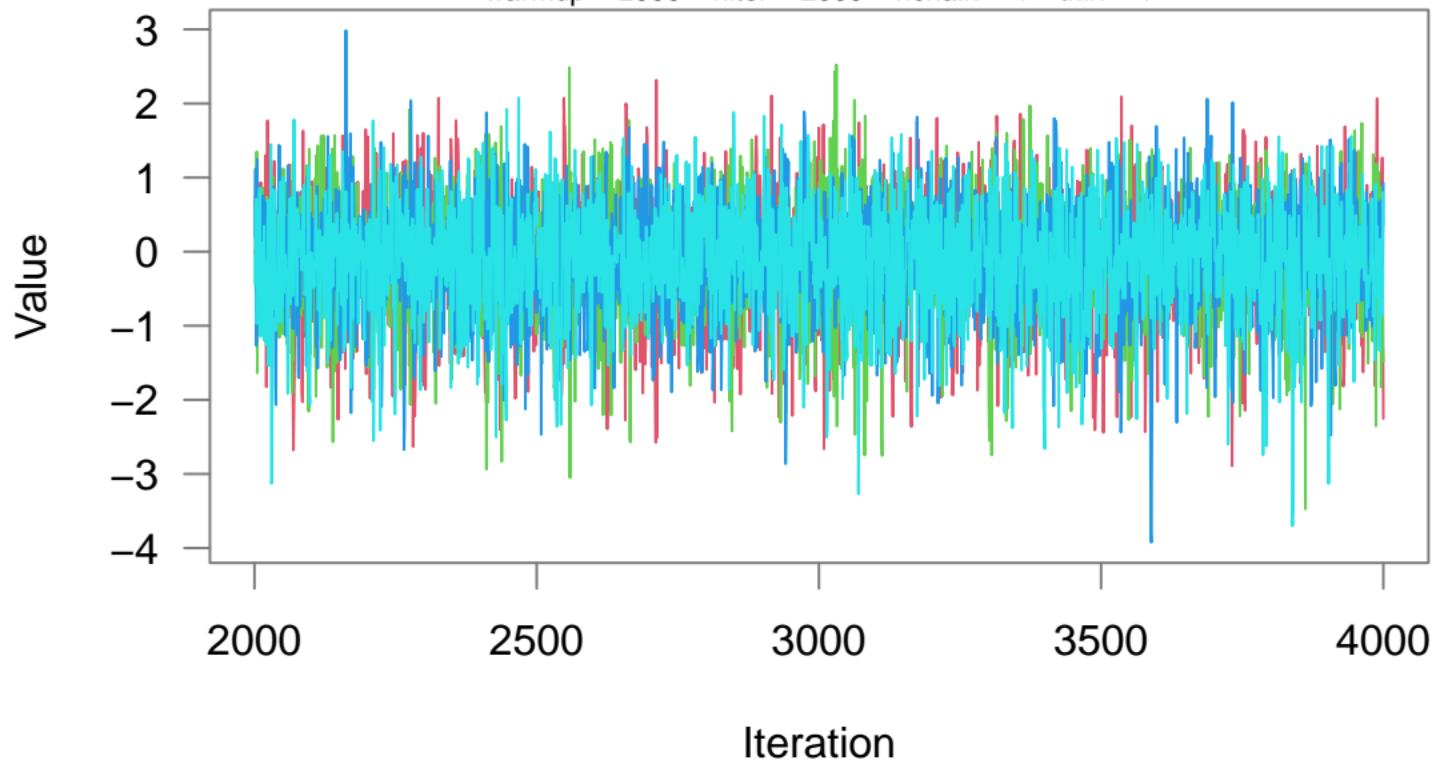
z_4[1,25]

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



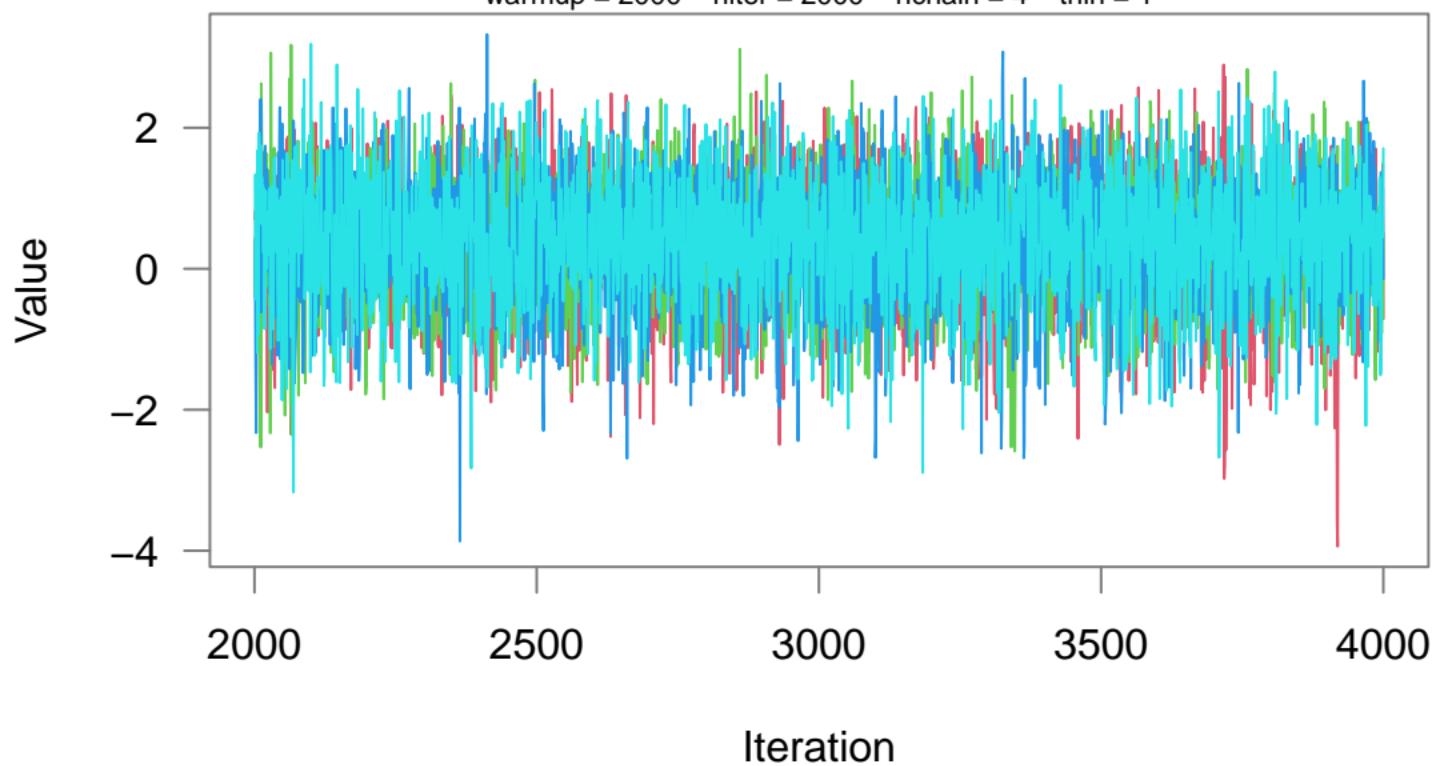
z_4[1,26]

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



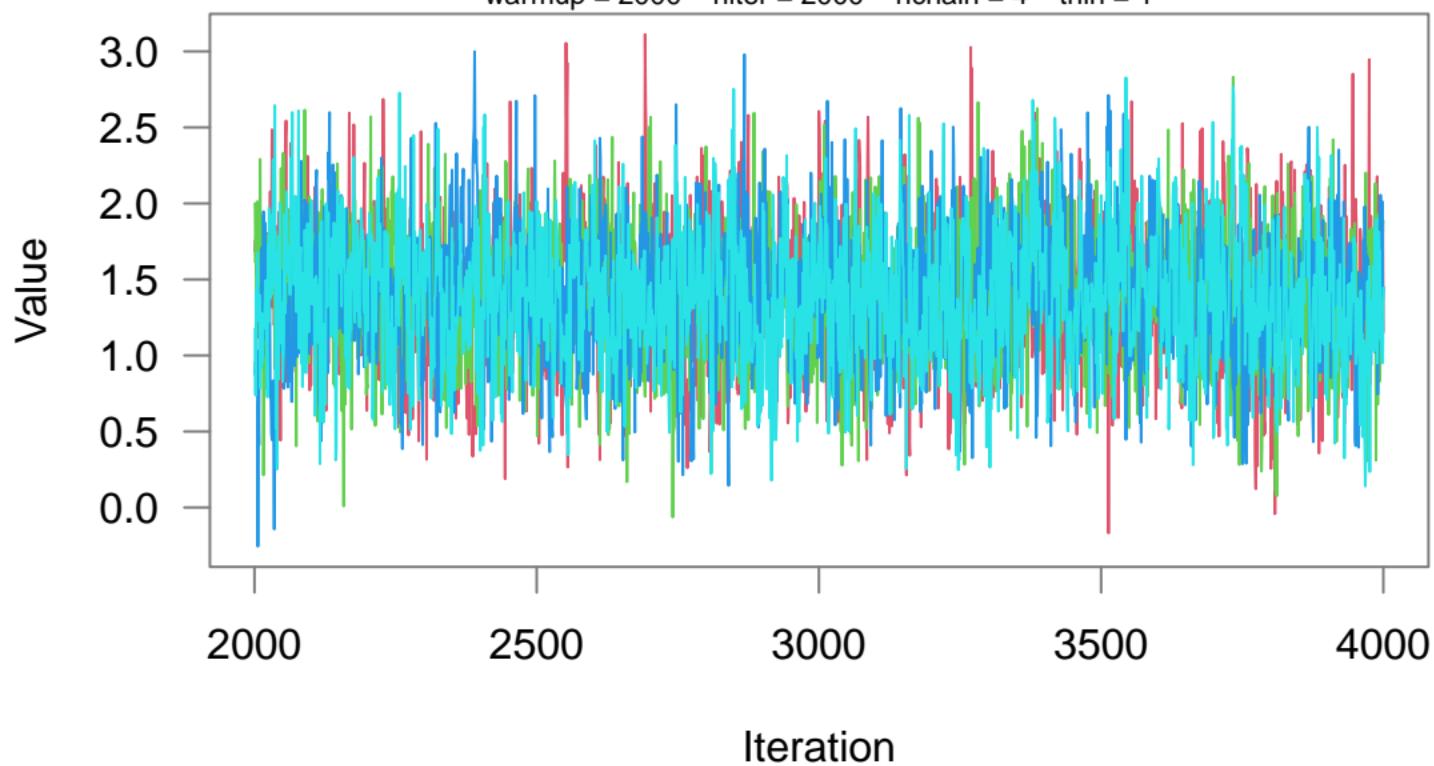
z_4[1,27]

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



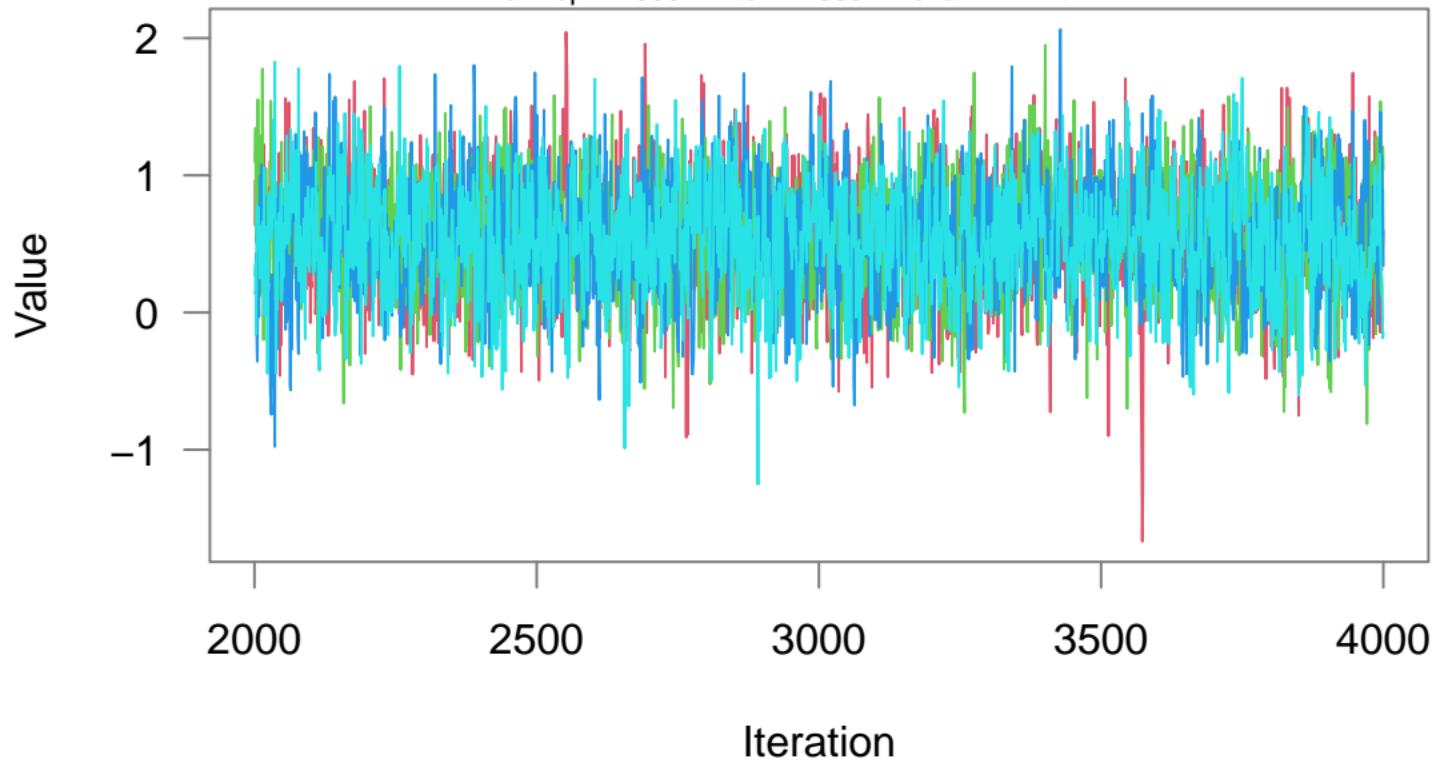
z_4[1,28]

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



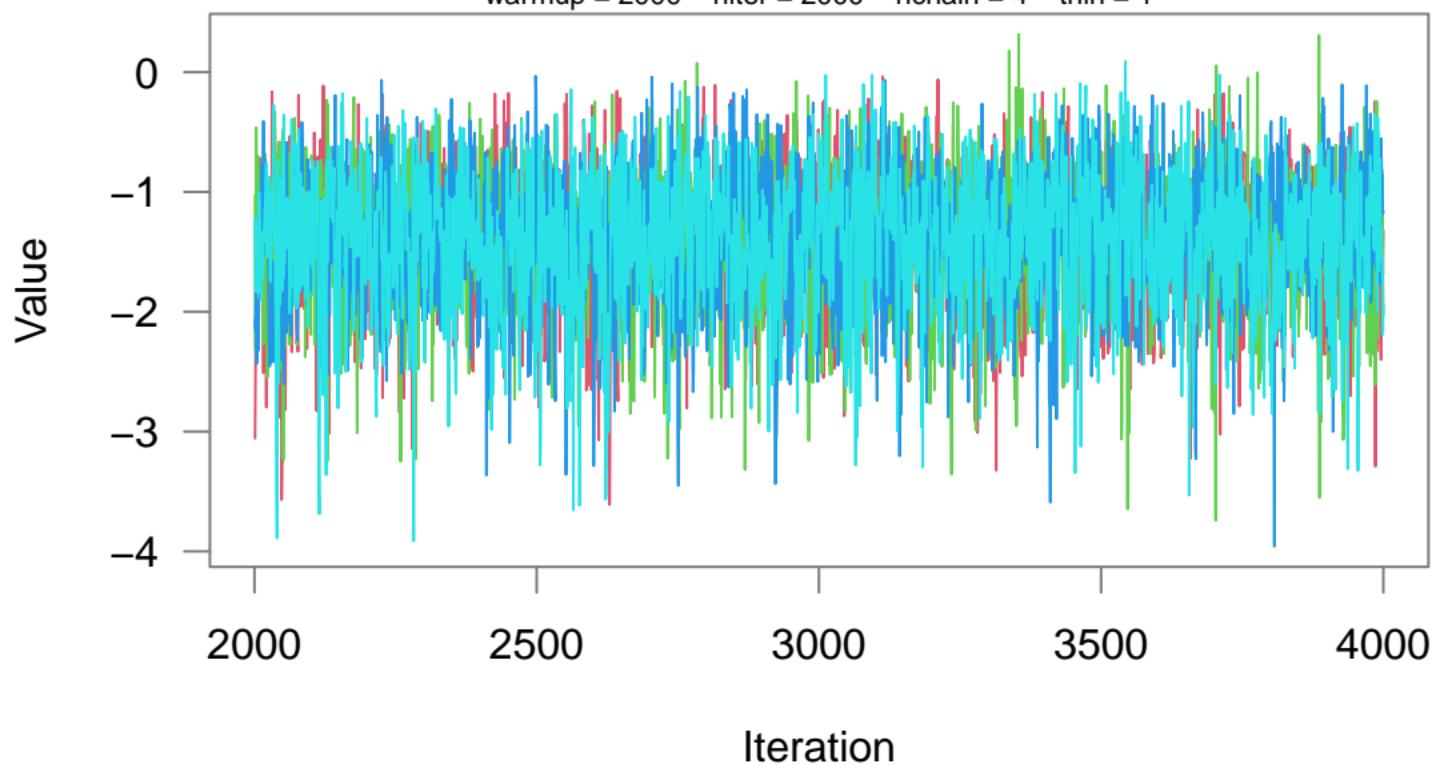
z_4[1,29]

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



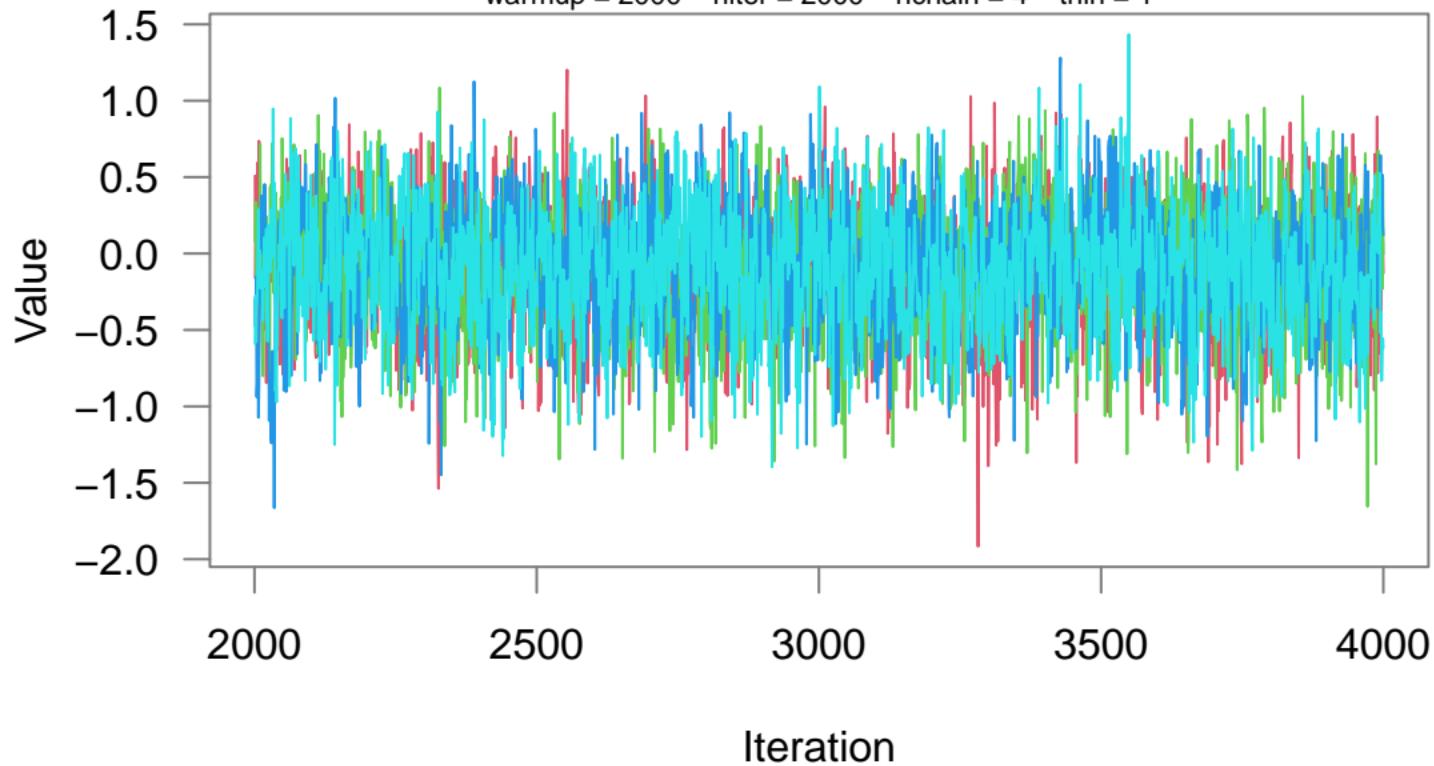
z_4[1,30]

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



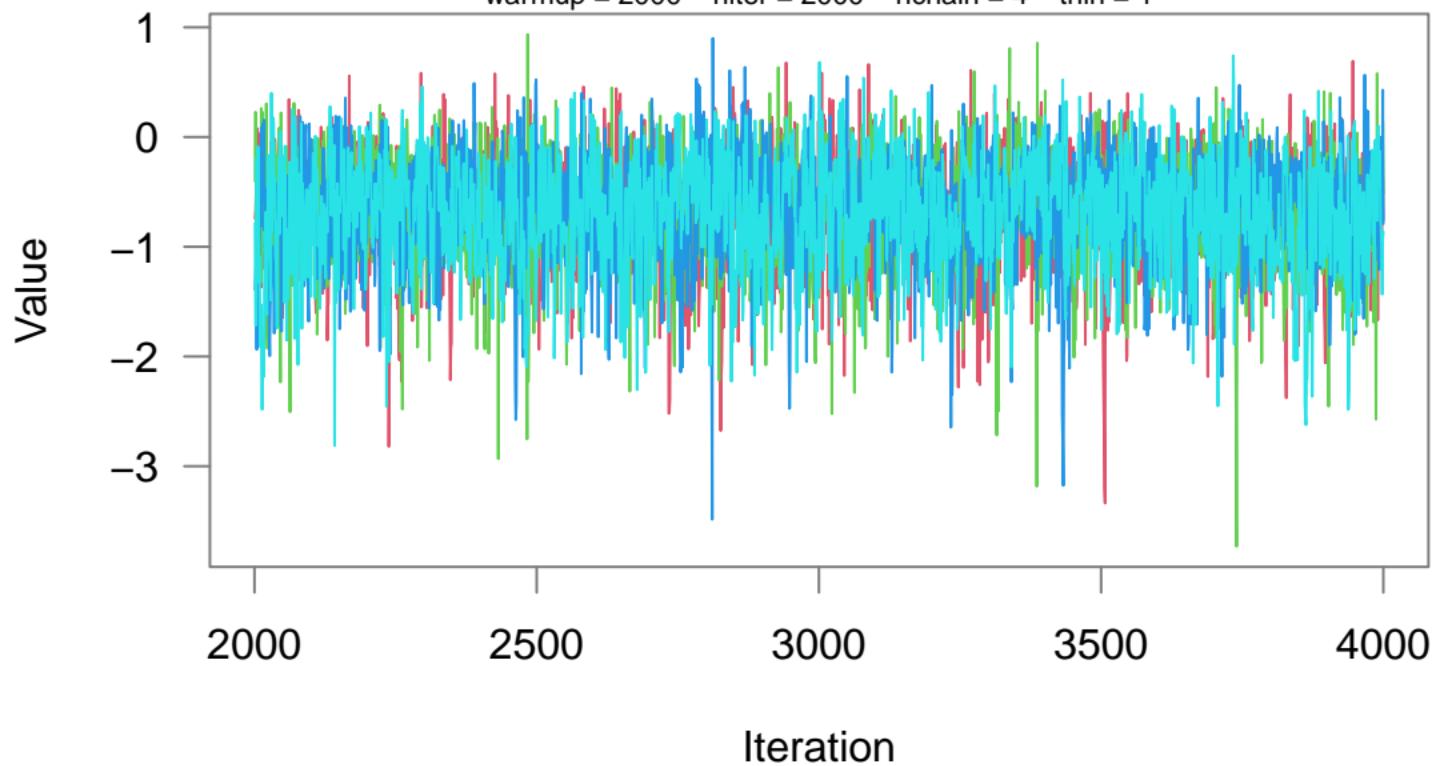
z_4[1,31]

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



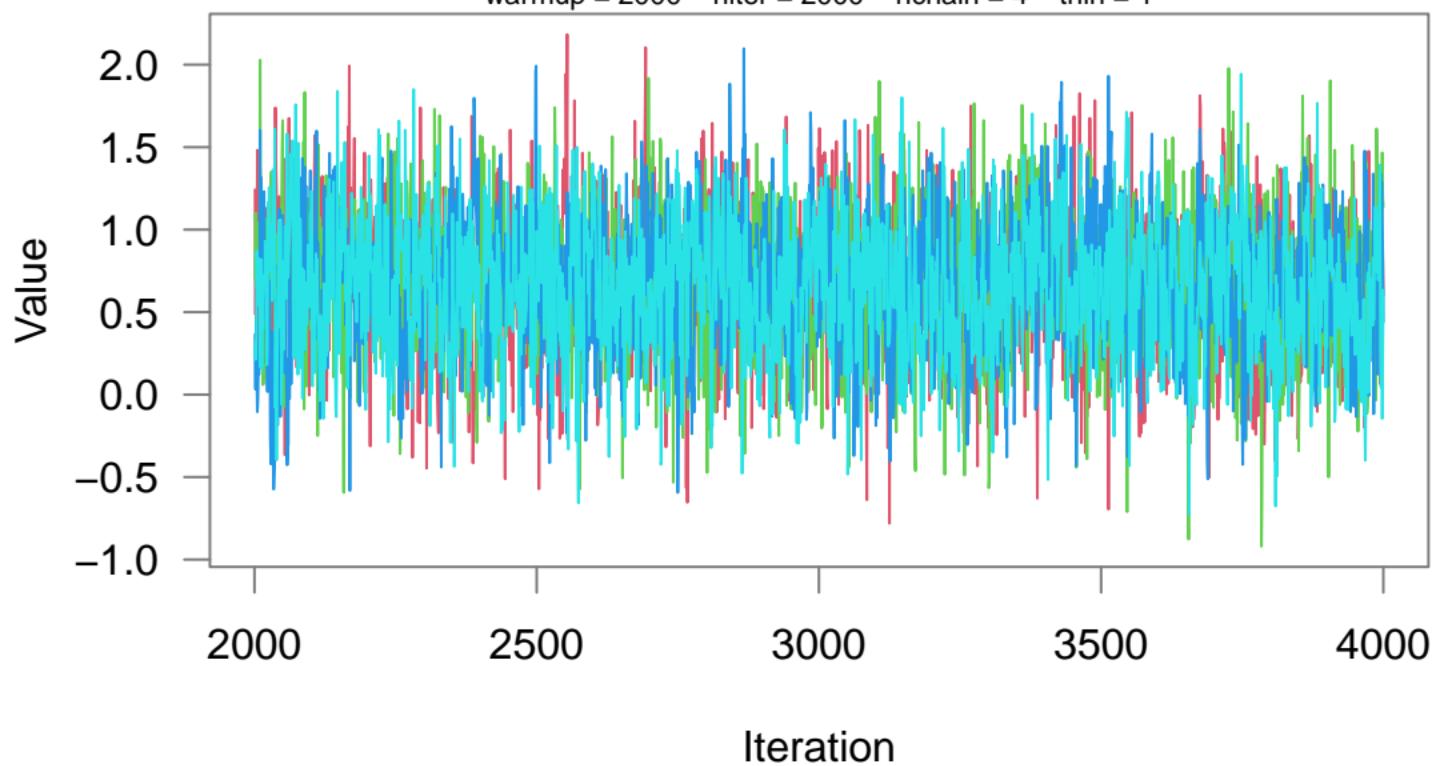
z_4[1,32]

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



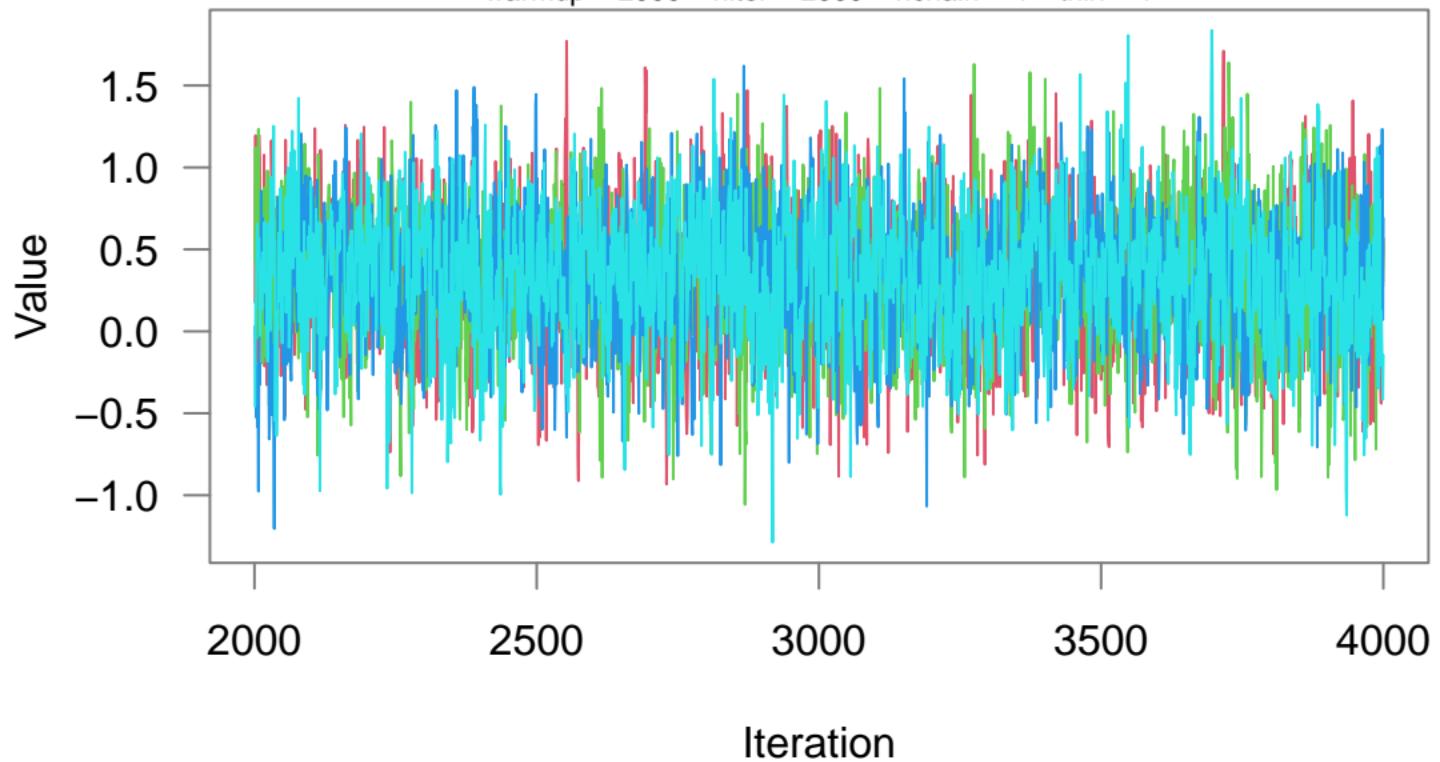
z_4[1,33]

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



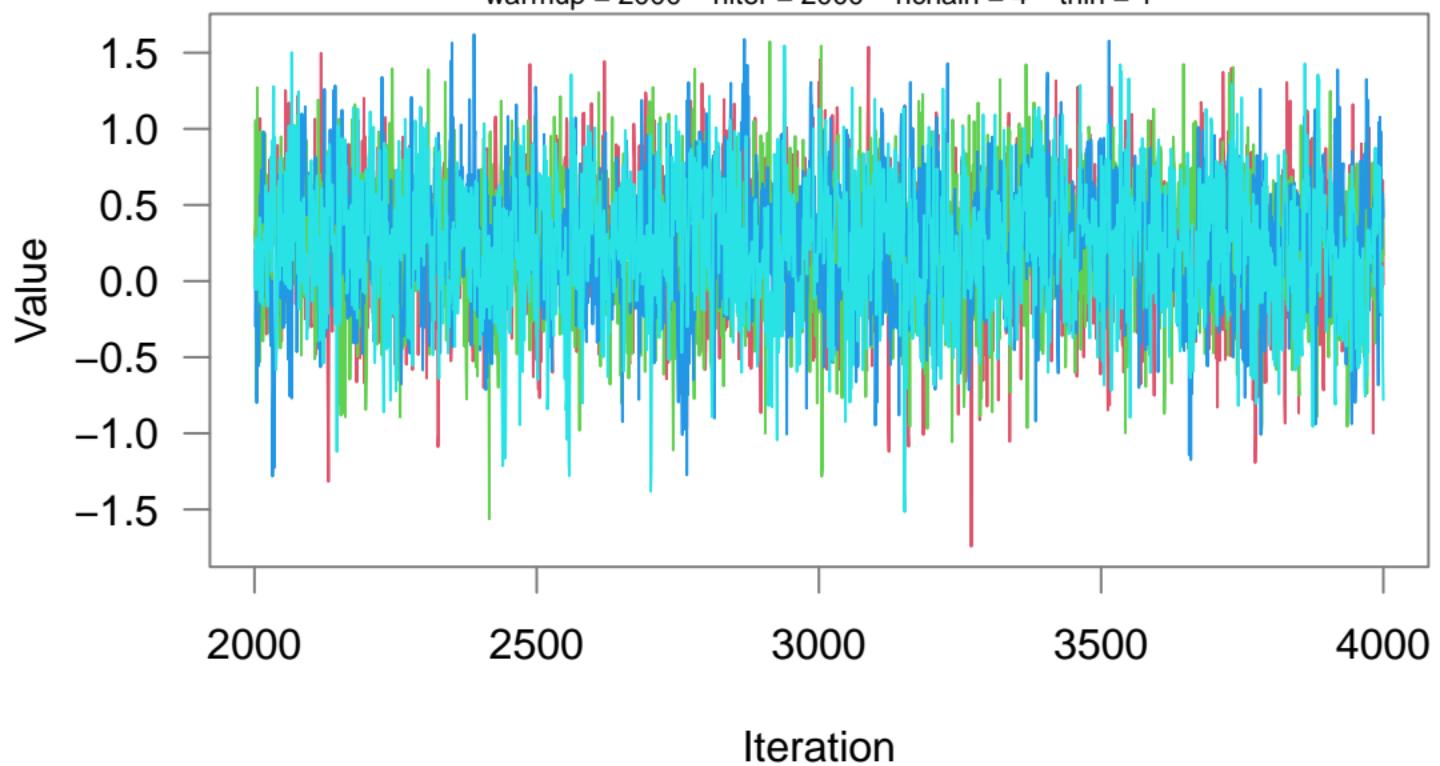
z_4[1,34]

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



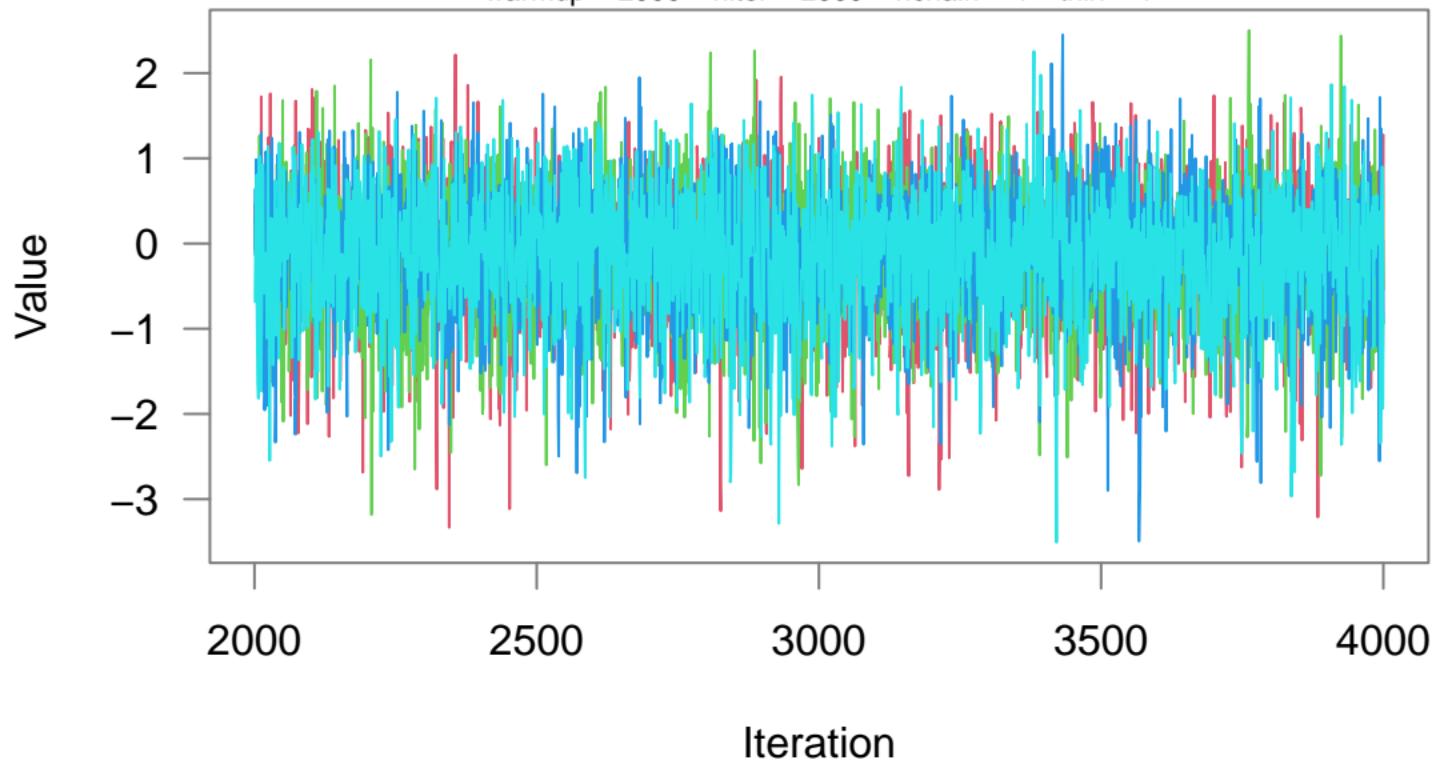
z_4[1,35]

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



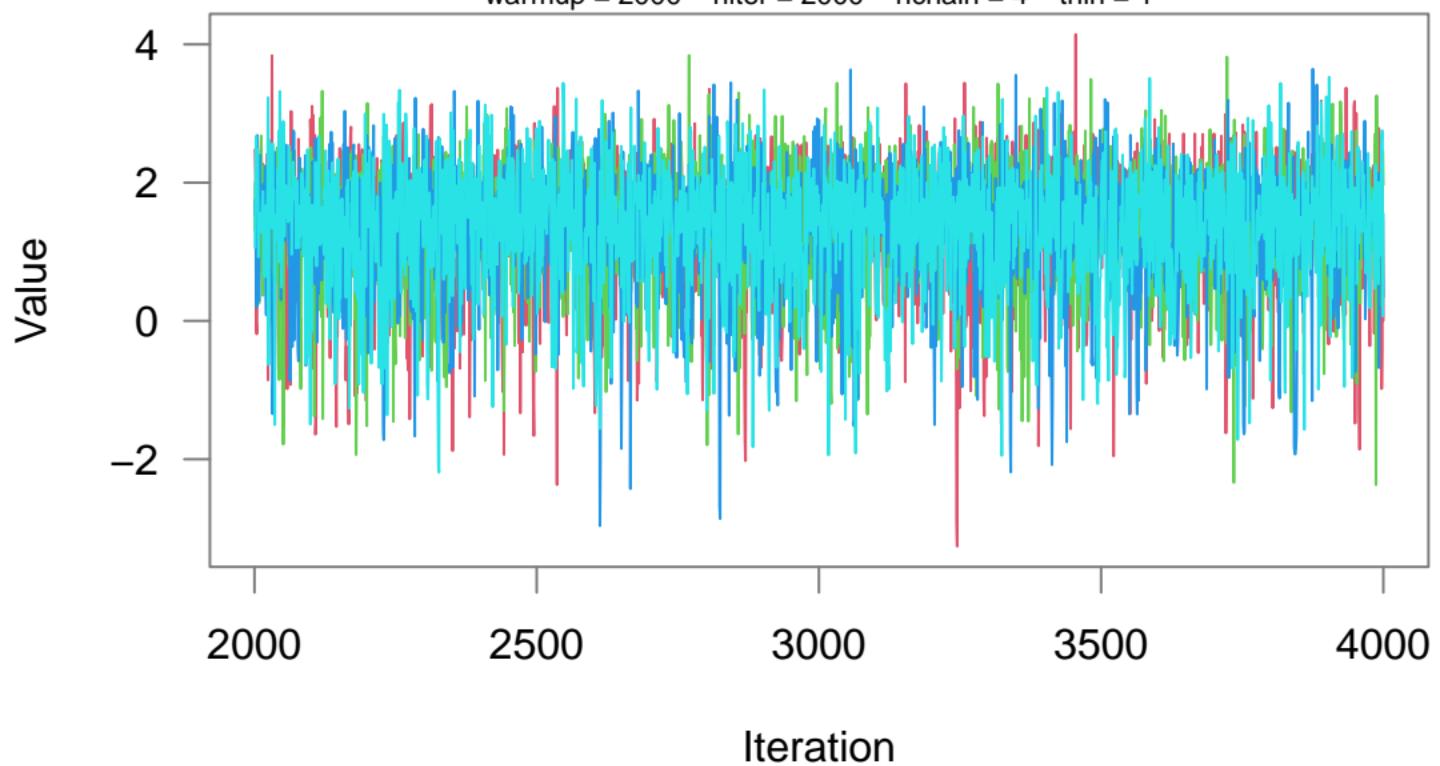
z_4[1,36]

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

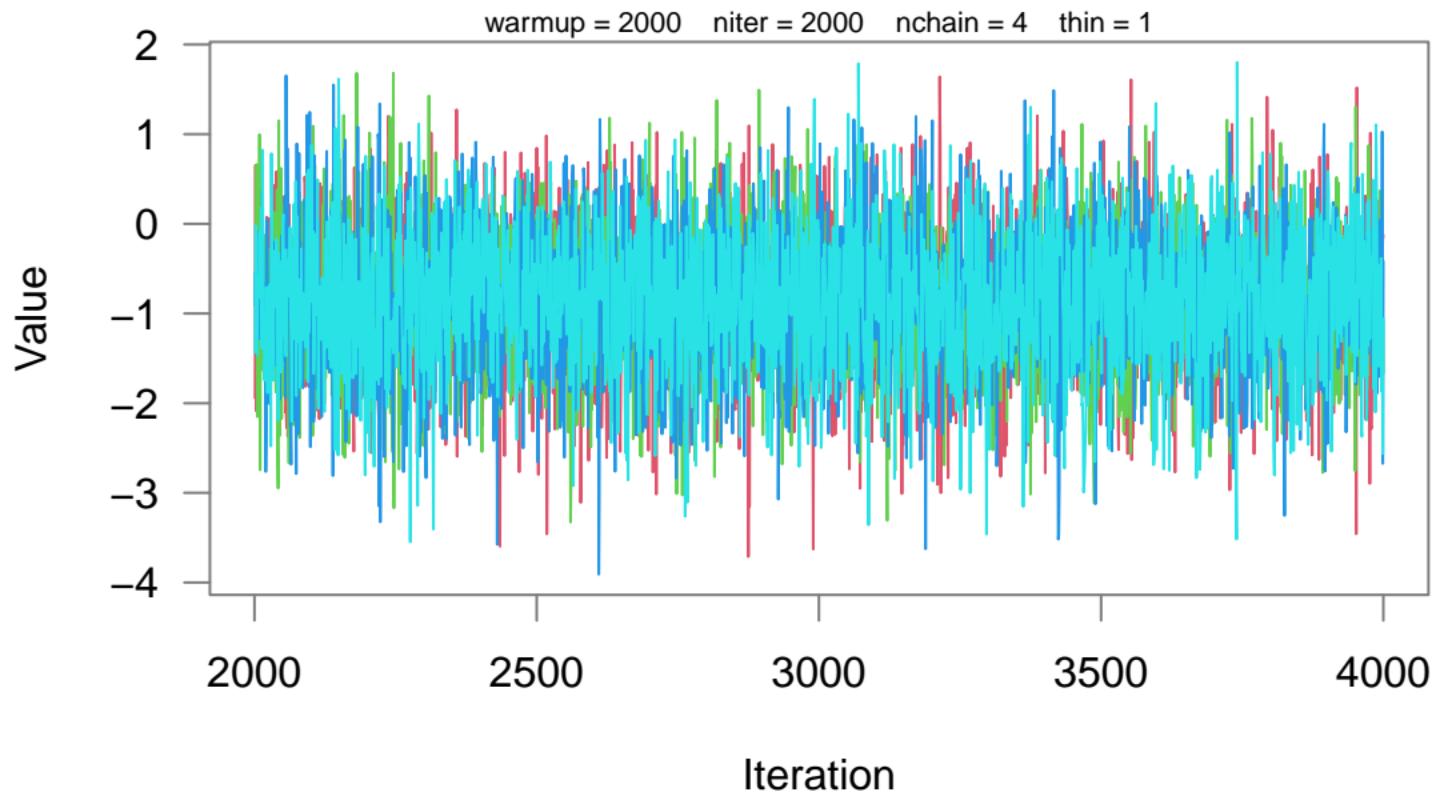


z_4[1,37]

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

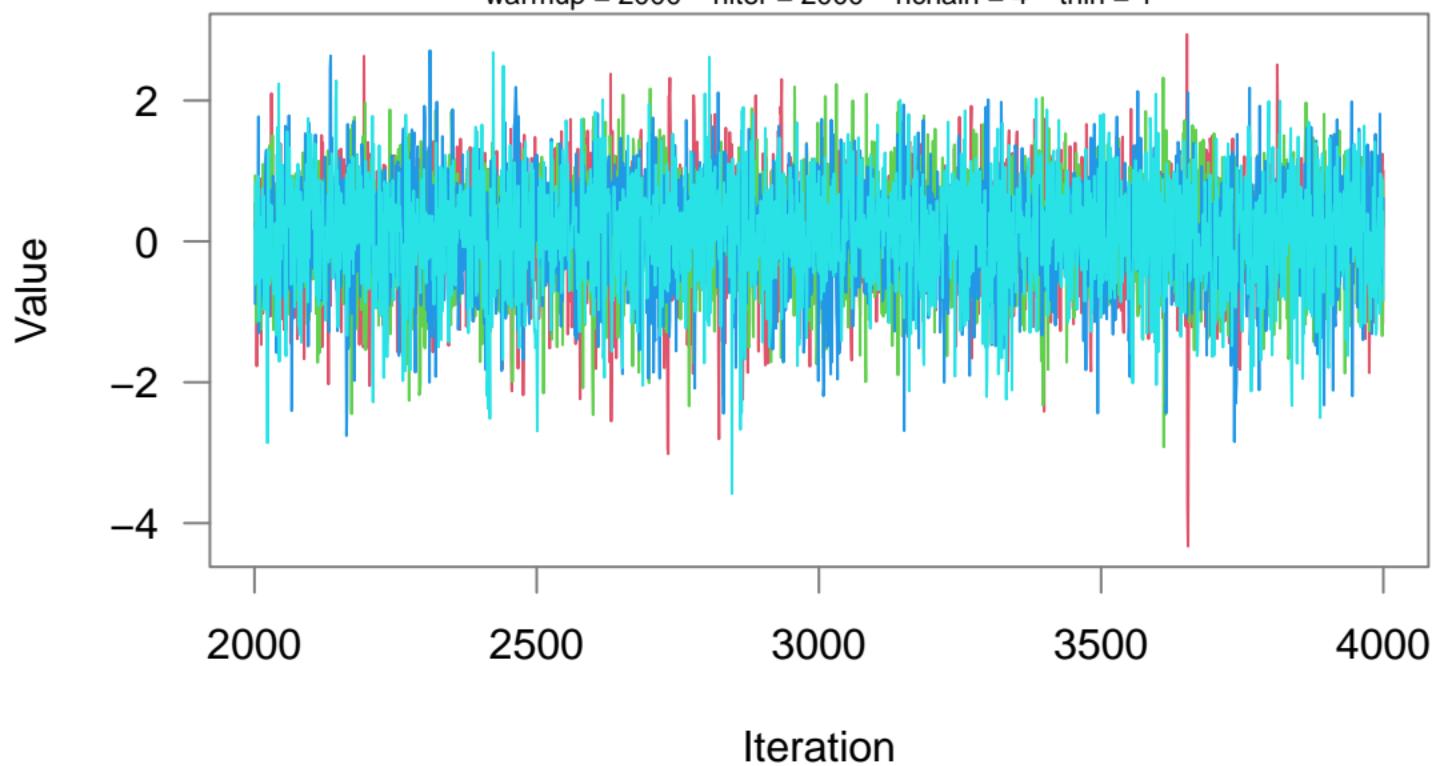


z_4[1,38]



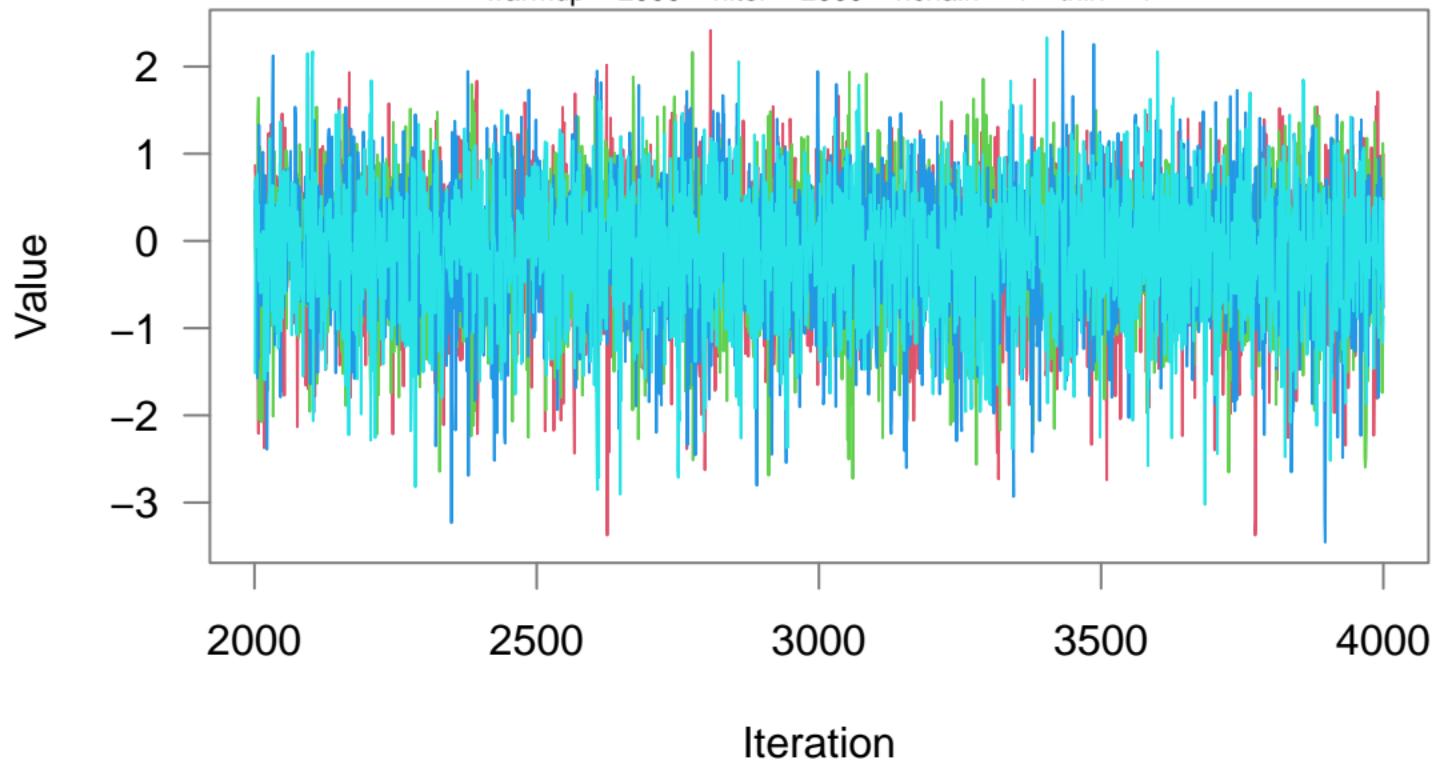
z_4[1,39]

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



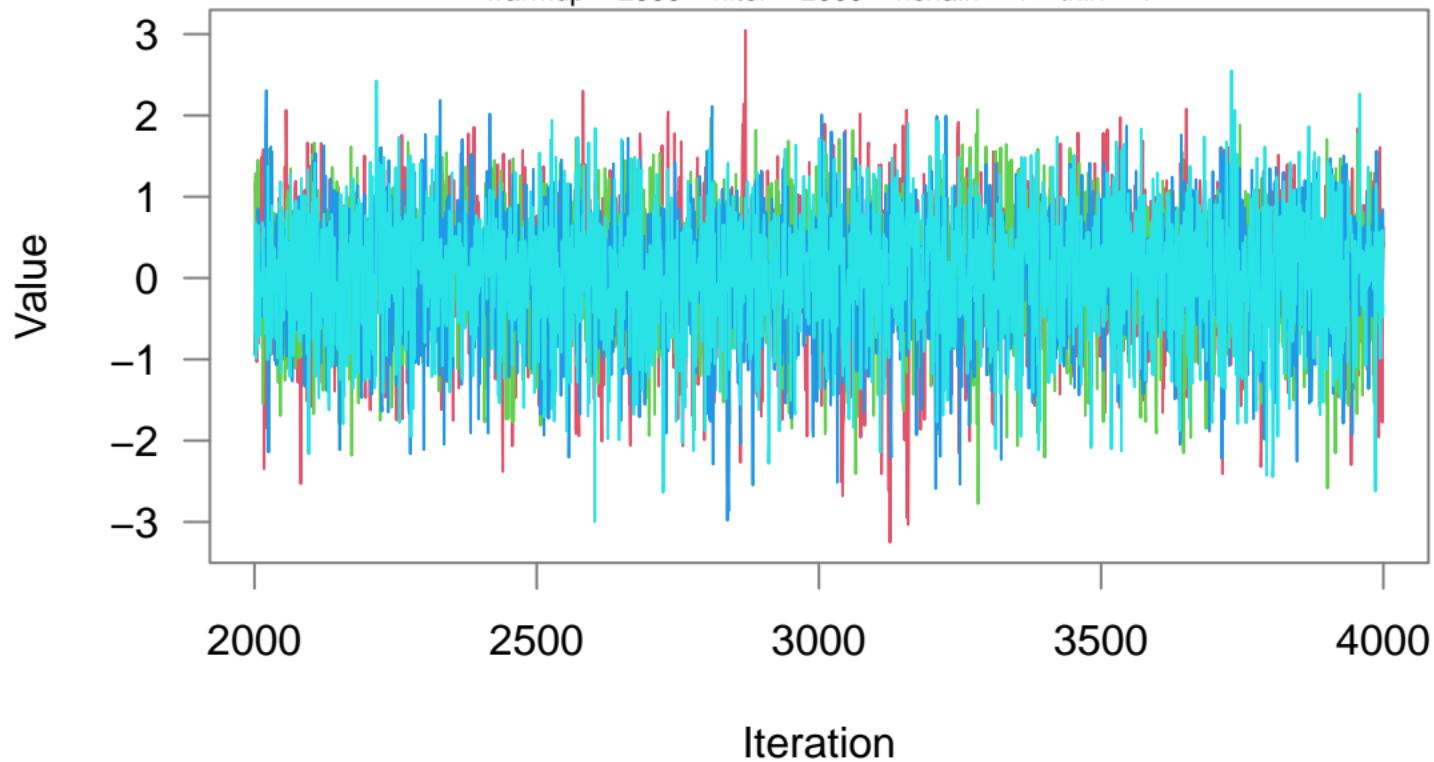
z_4[1,40]

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



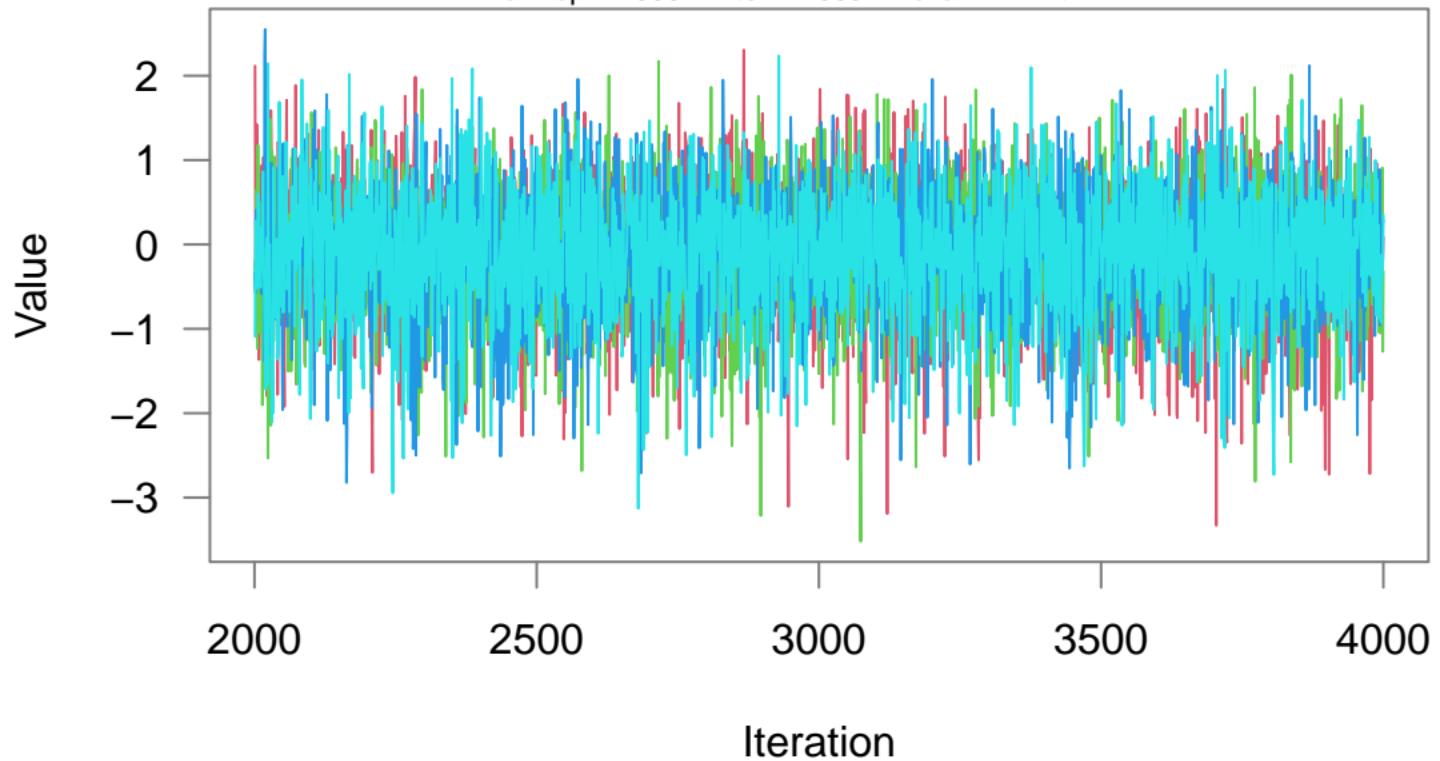
z_4[1,41]

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



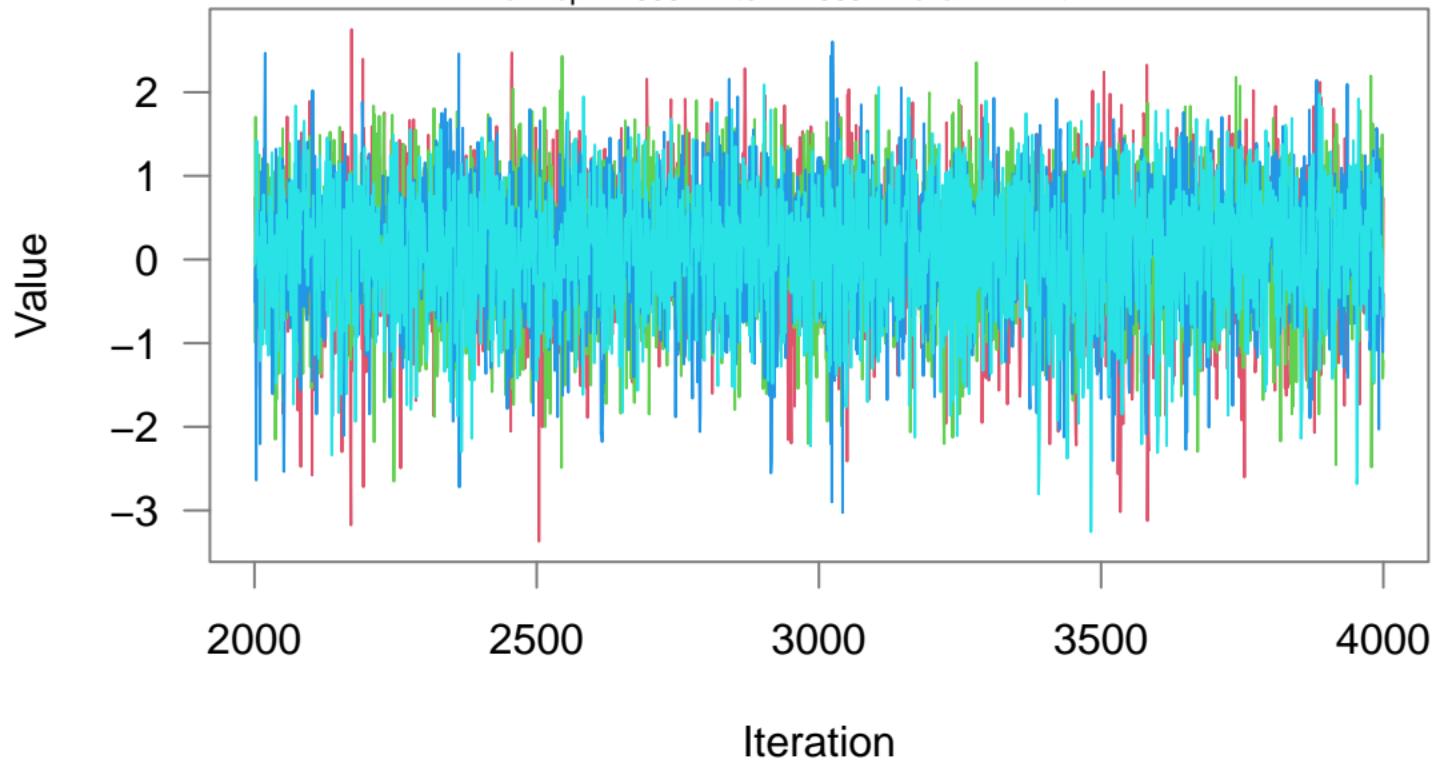
z_4[1,42]

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



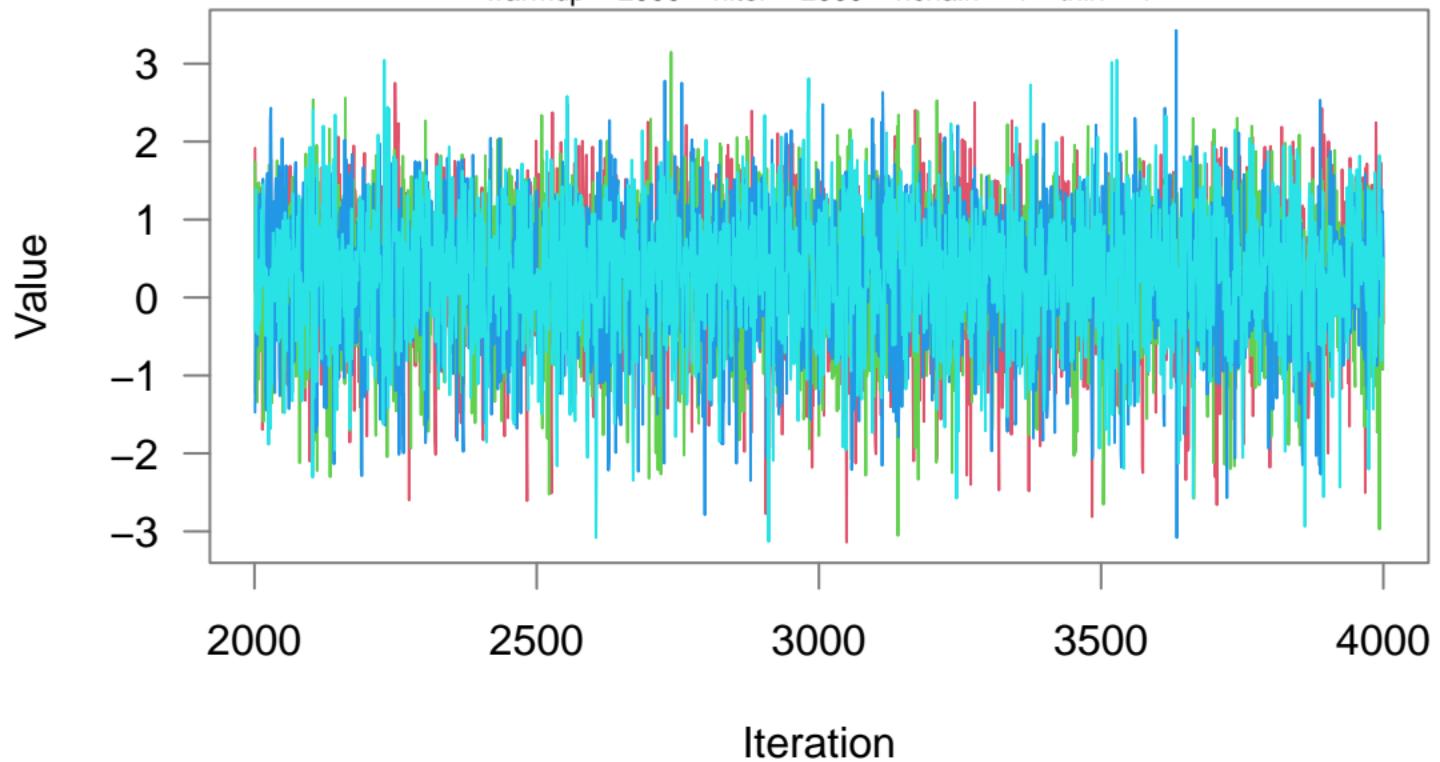
z_4[1,43]

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



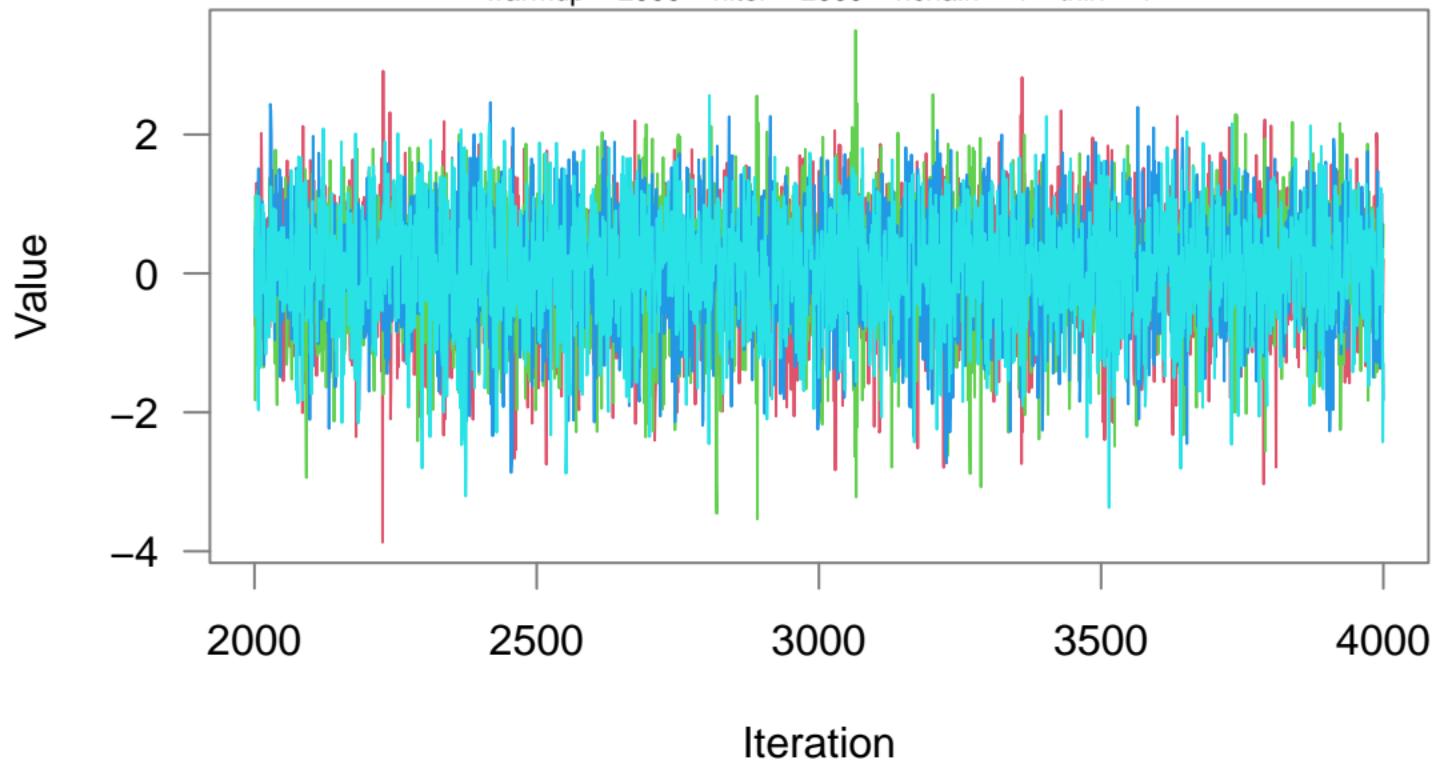
z_4[1,44]

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



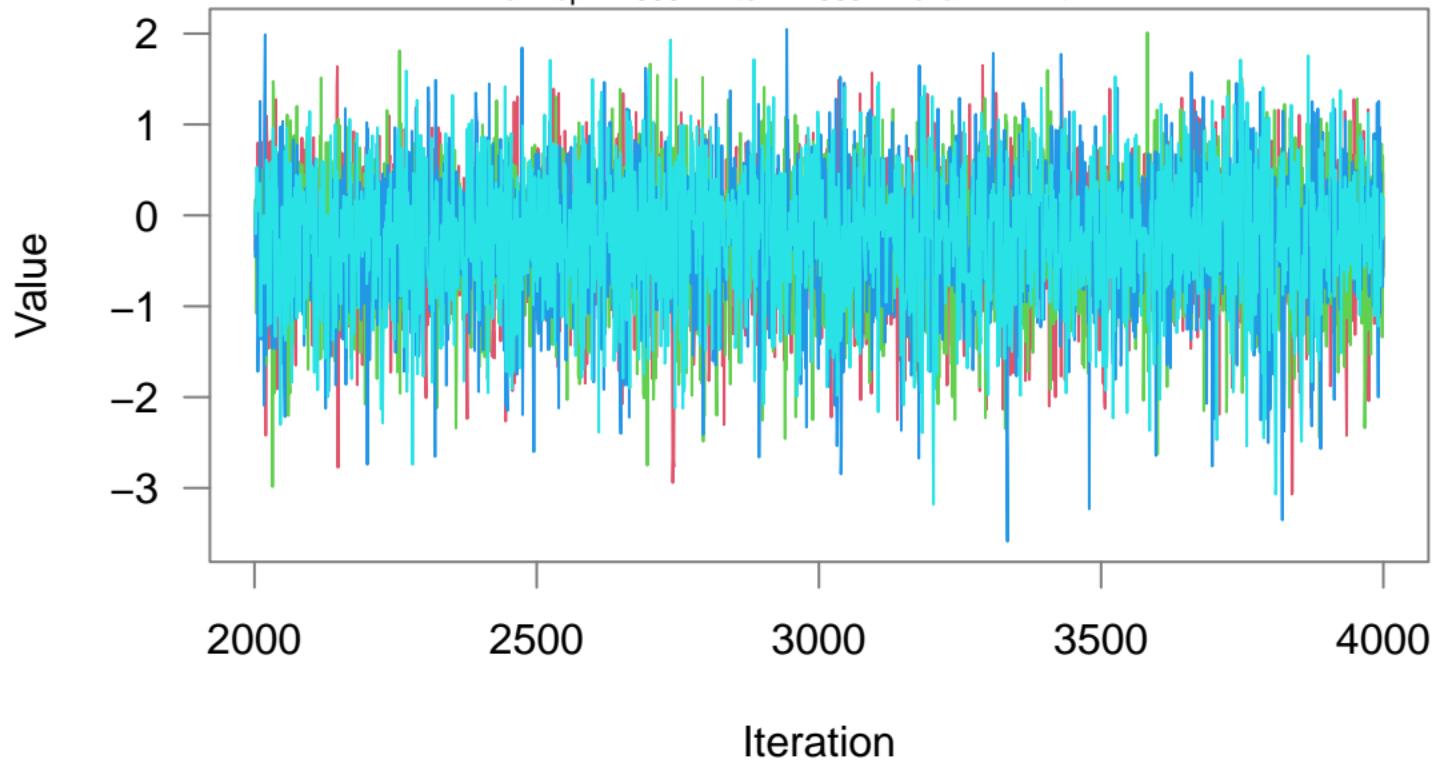
z_4[1,45]

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



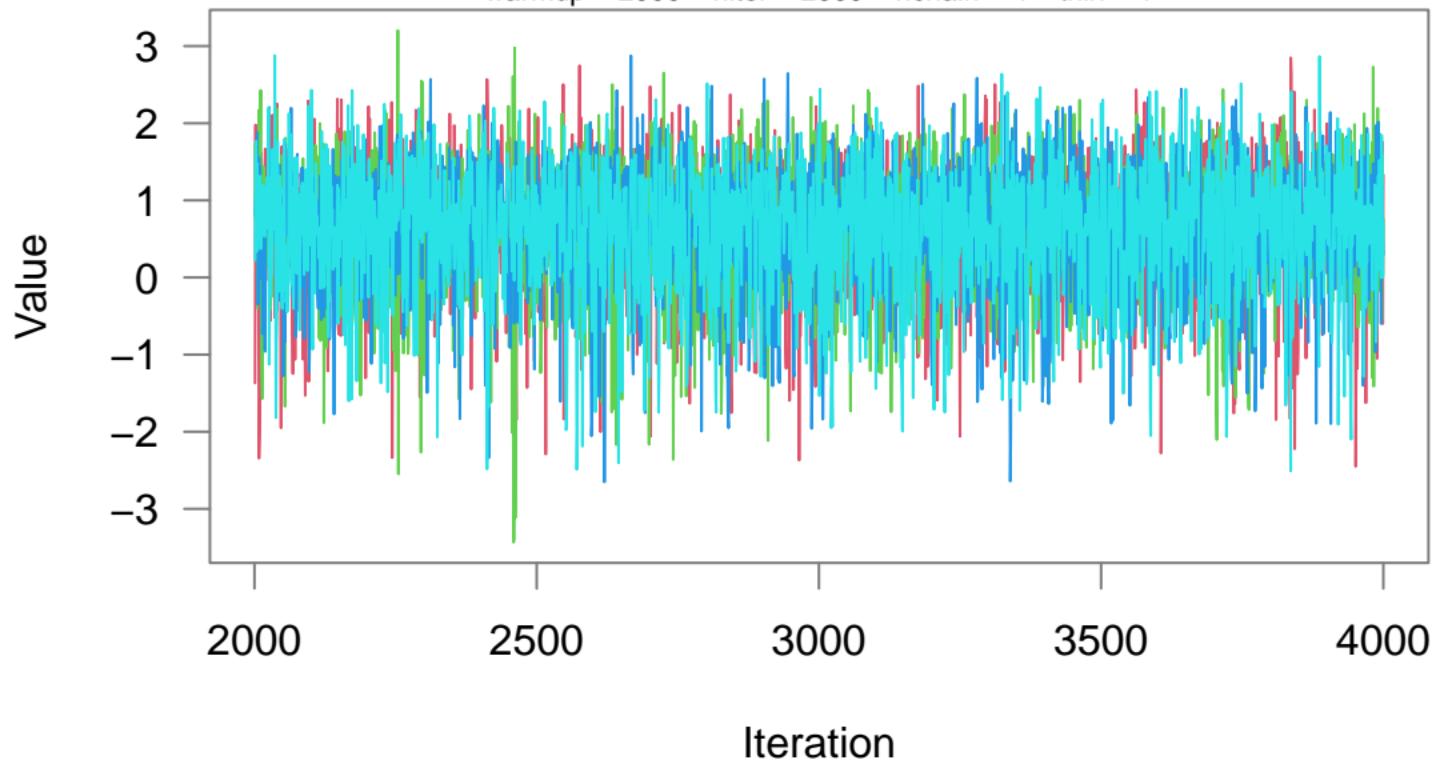
z_4[1,46]

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



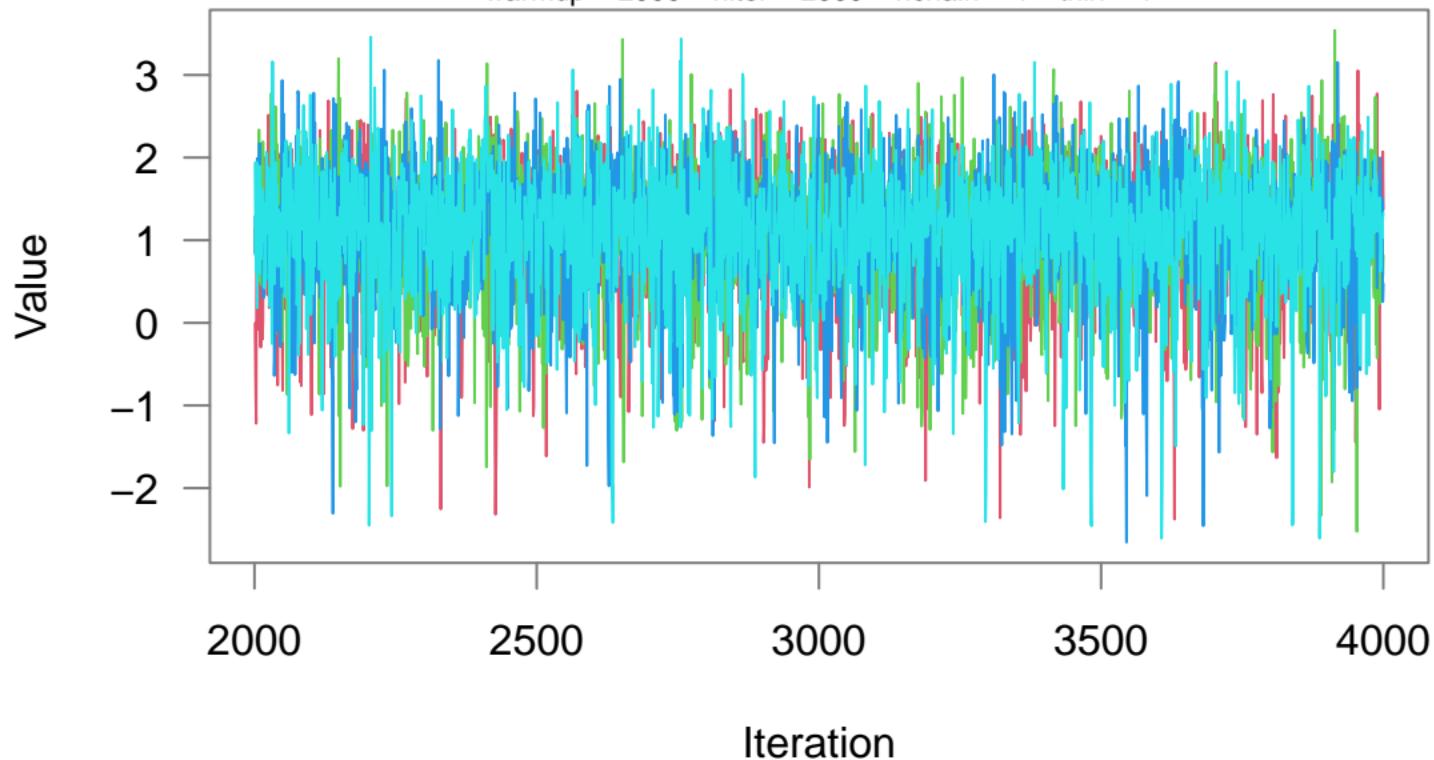
z_4[1,47]

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



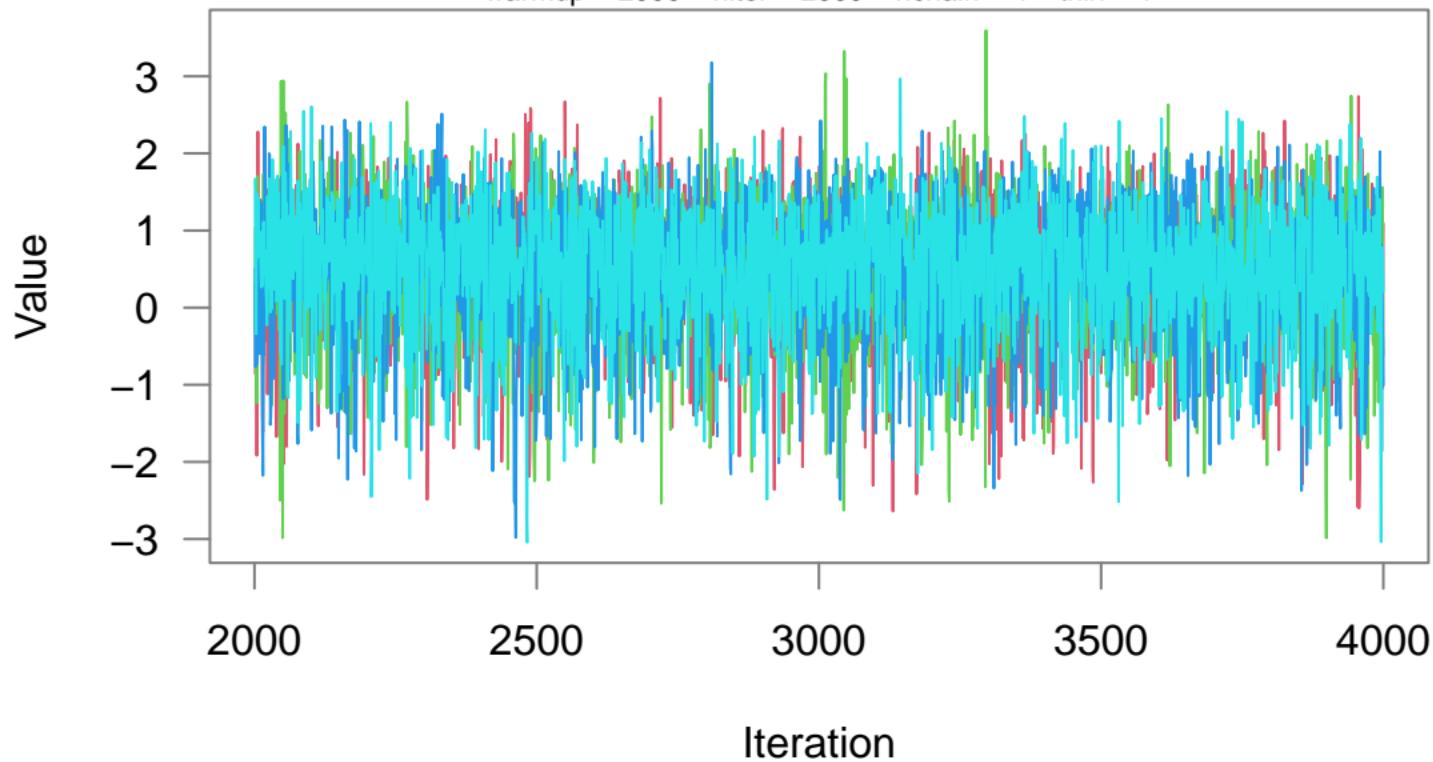
z_4[1,48]

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



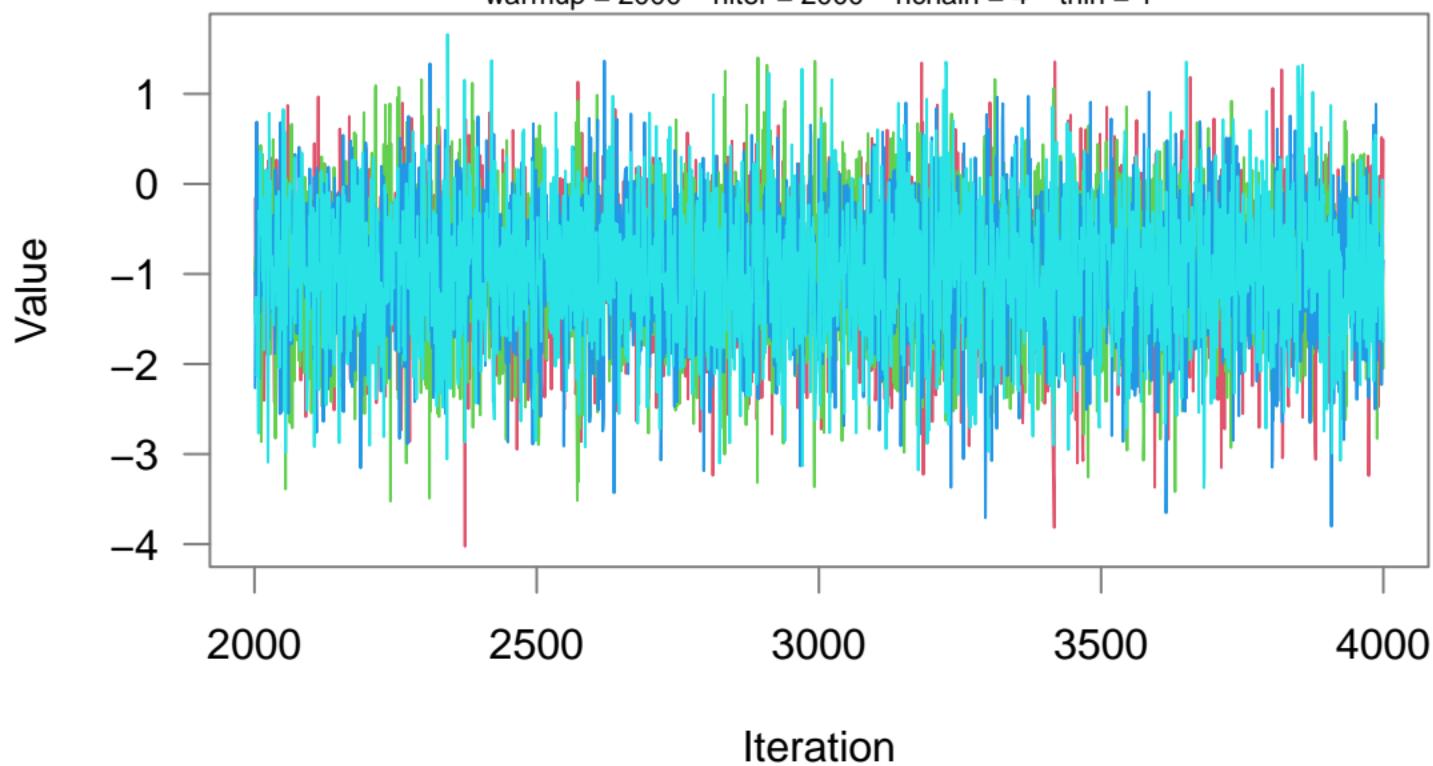
z_4[1,49]

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



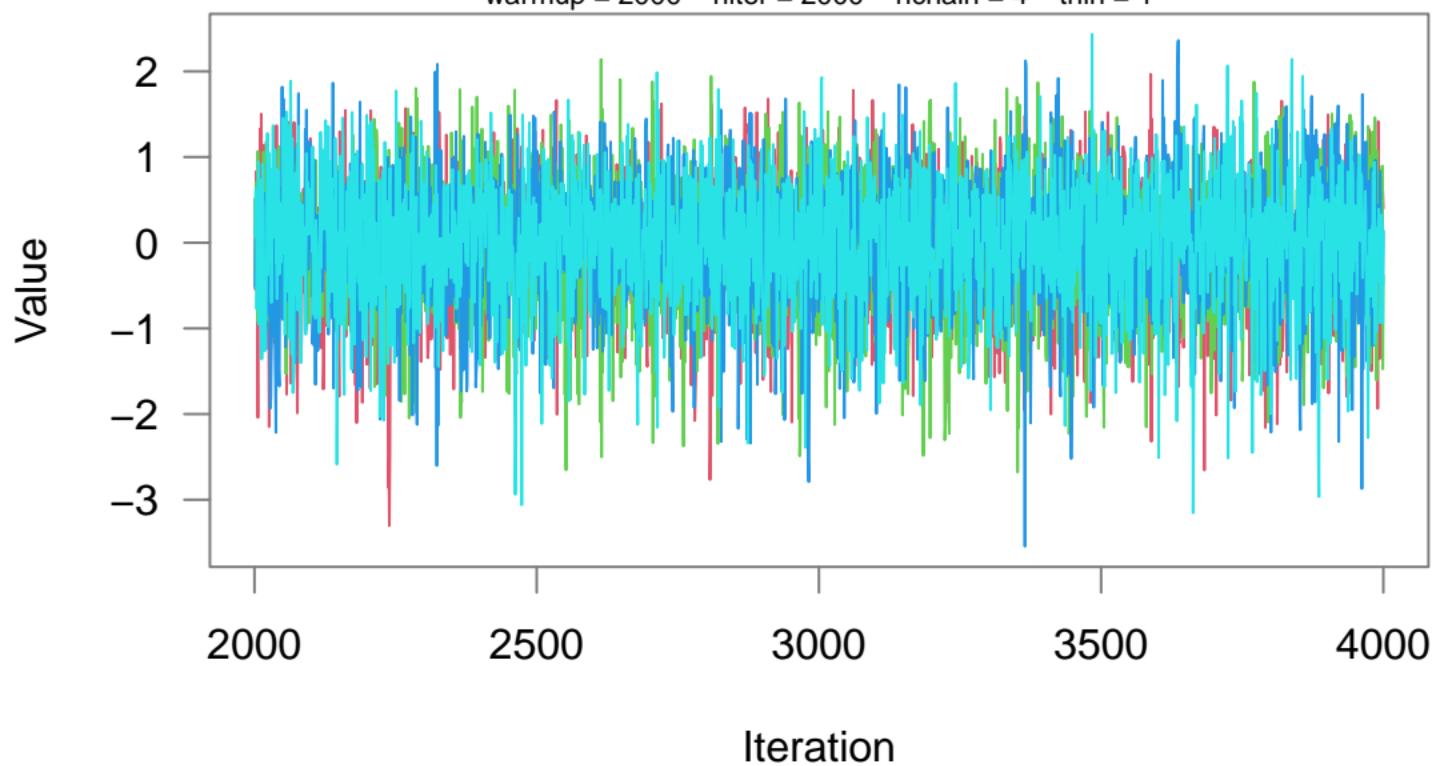
z_4[1,50]

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



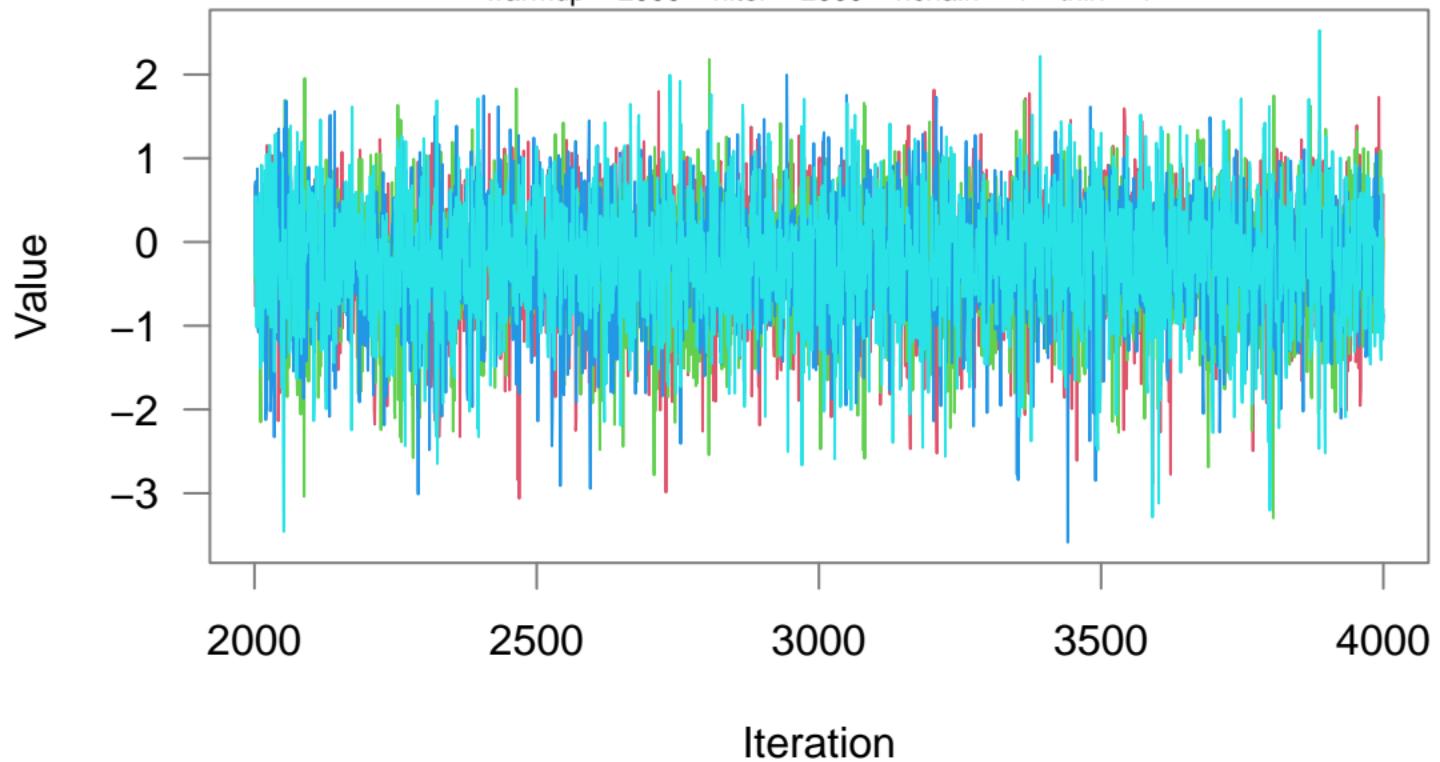
z_4[1,51]

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



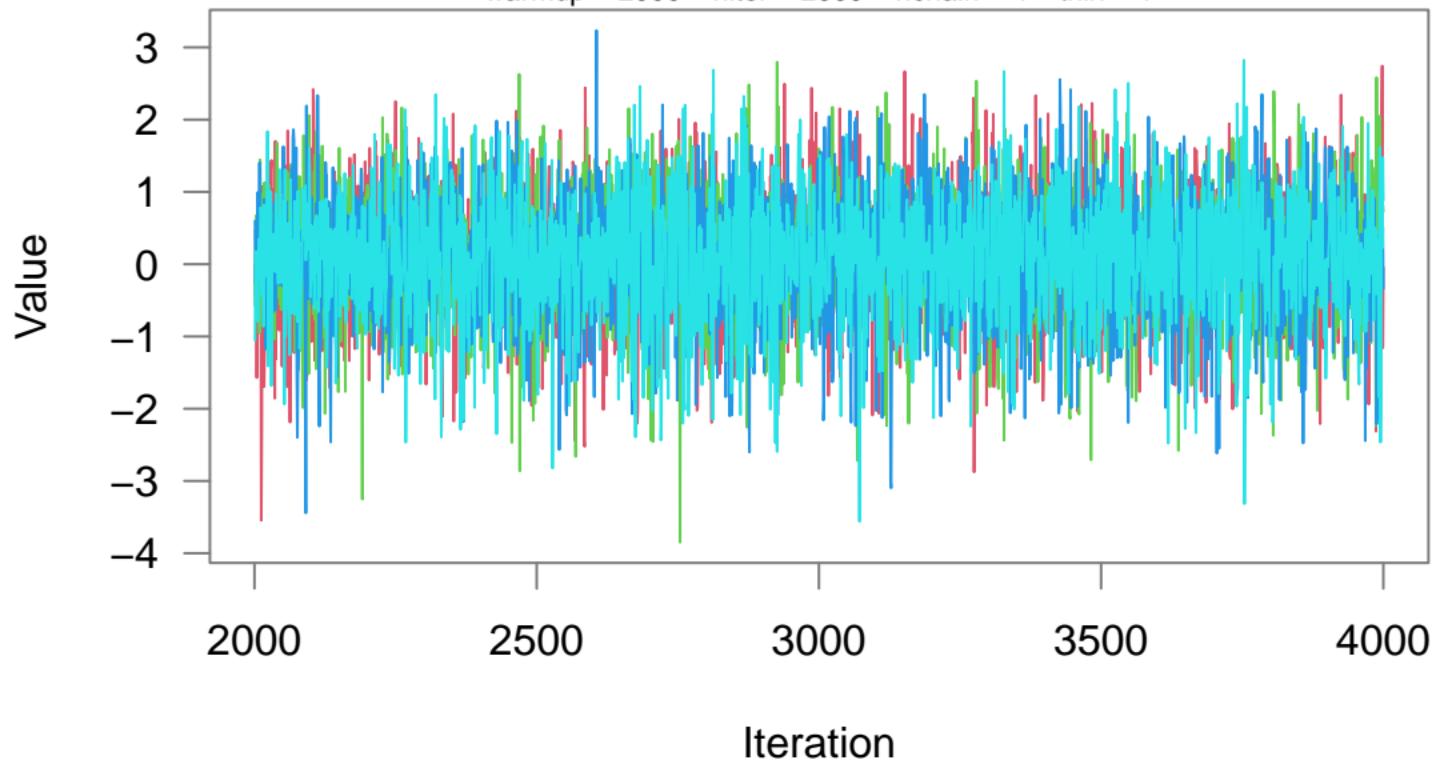
z_4[1,52]

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



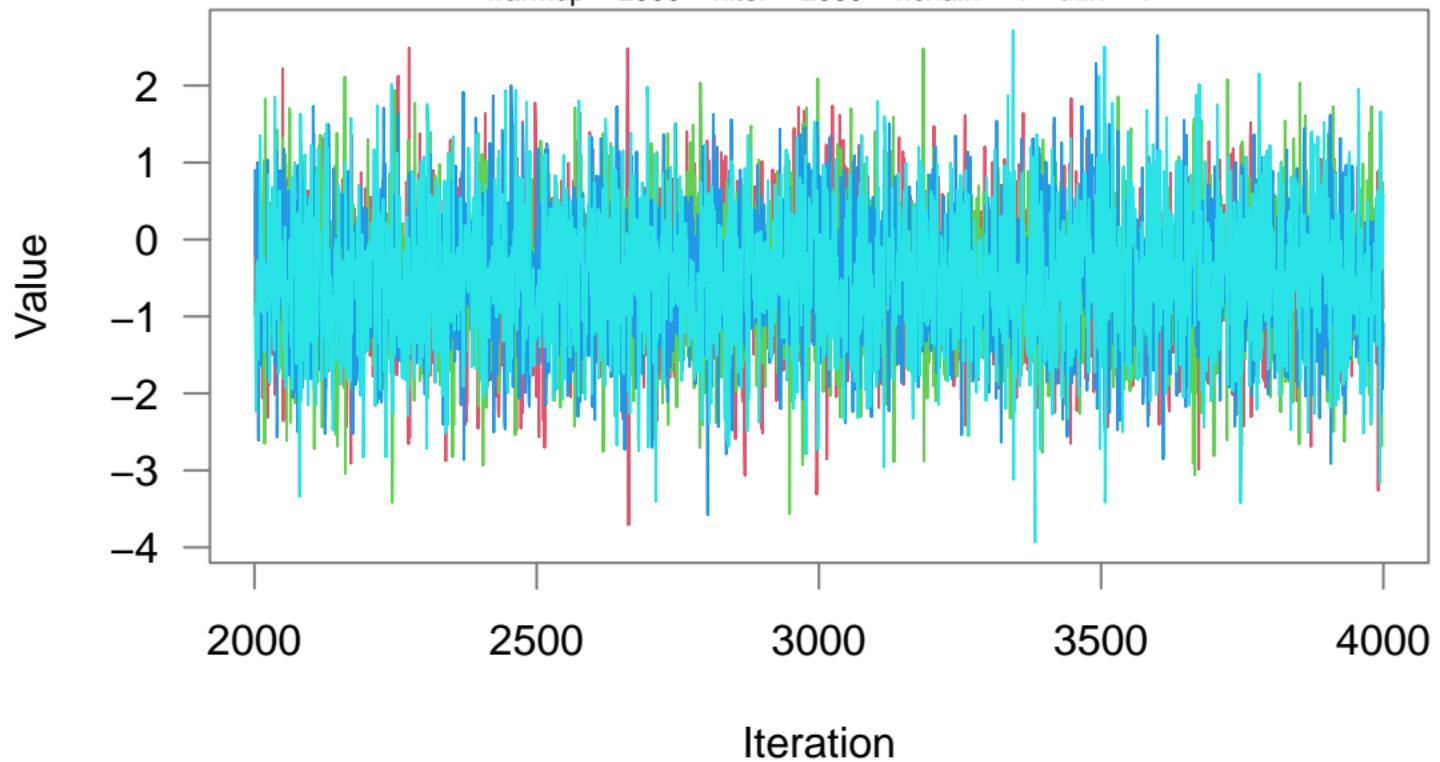
z_4[1,53]

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



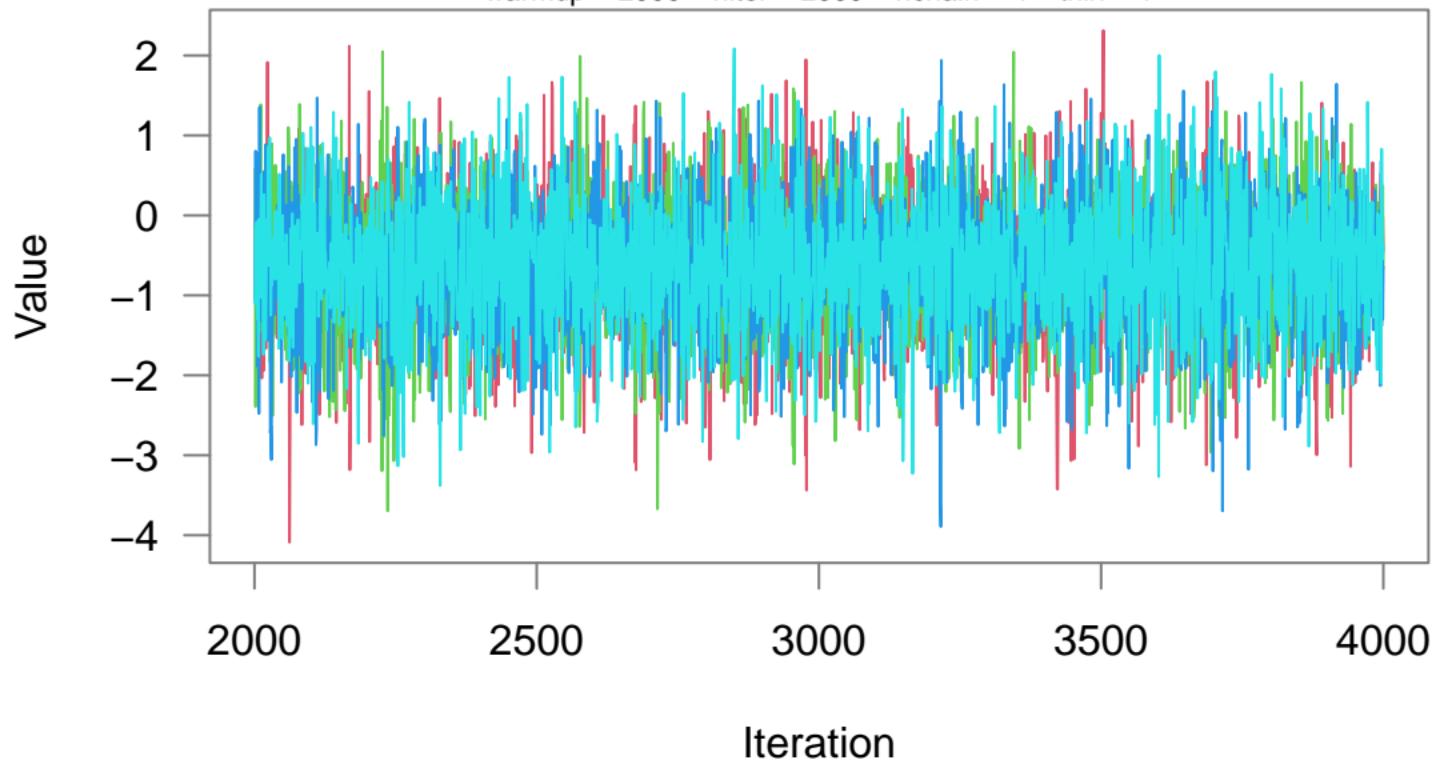
z_4[1,54]

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



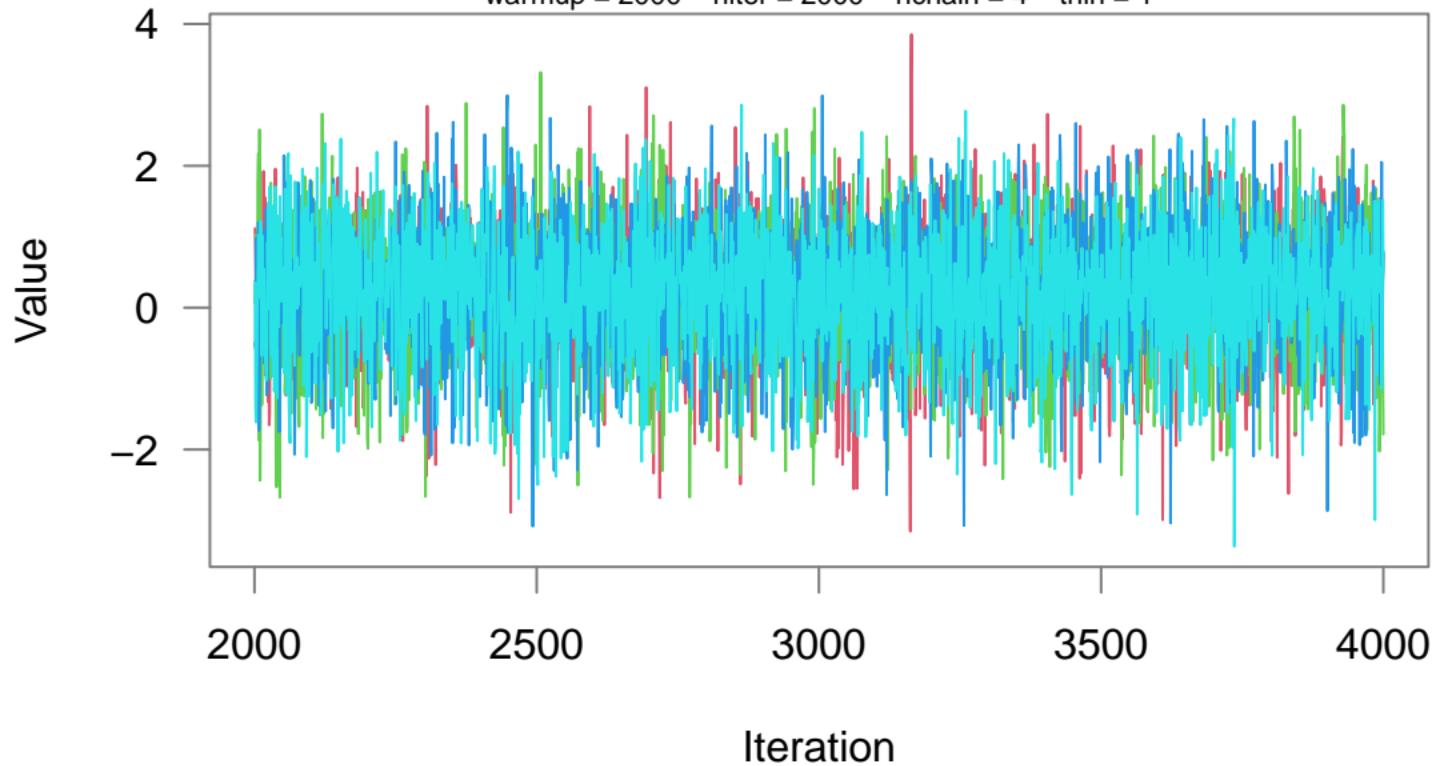
z_4[1,55]

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



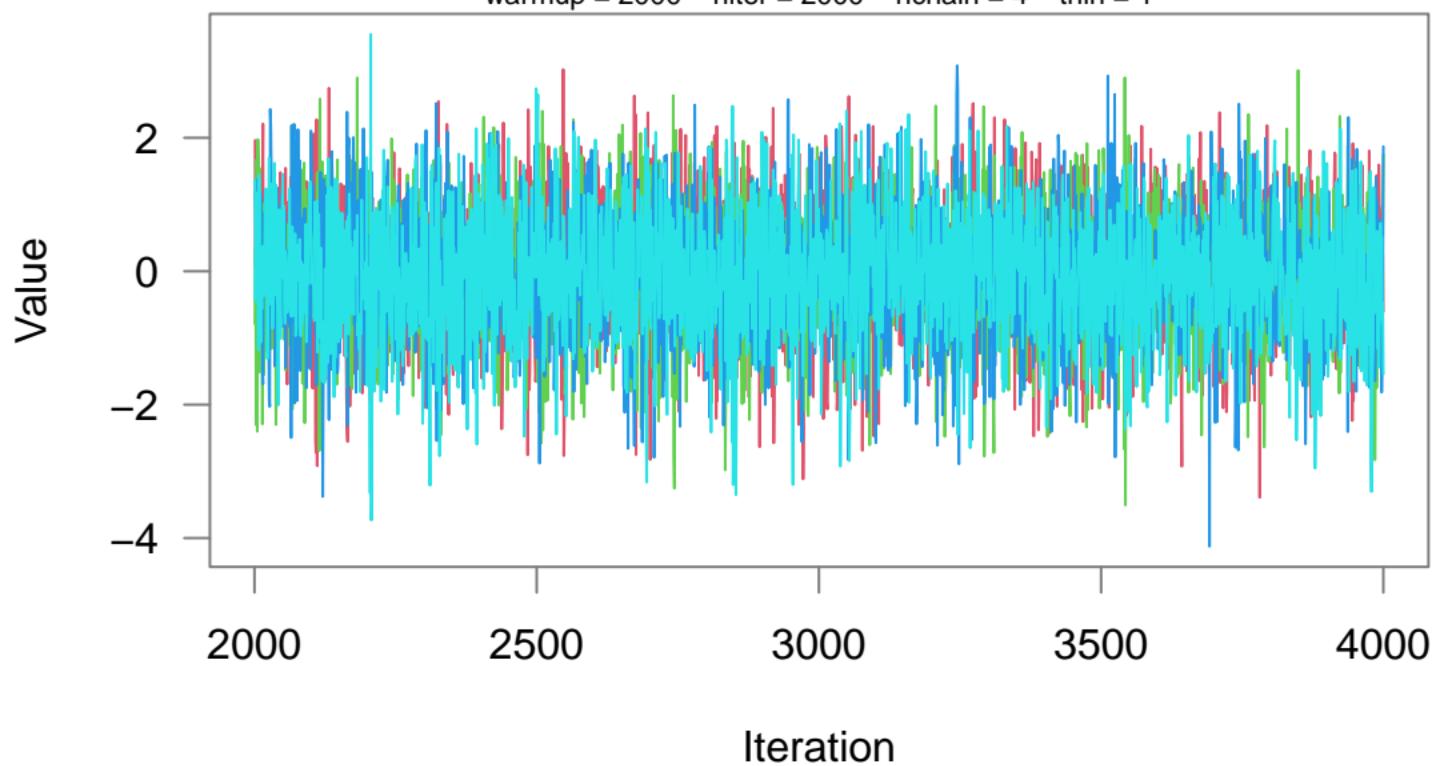
z_4[1,56]

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



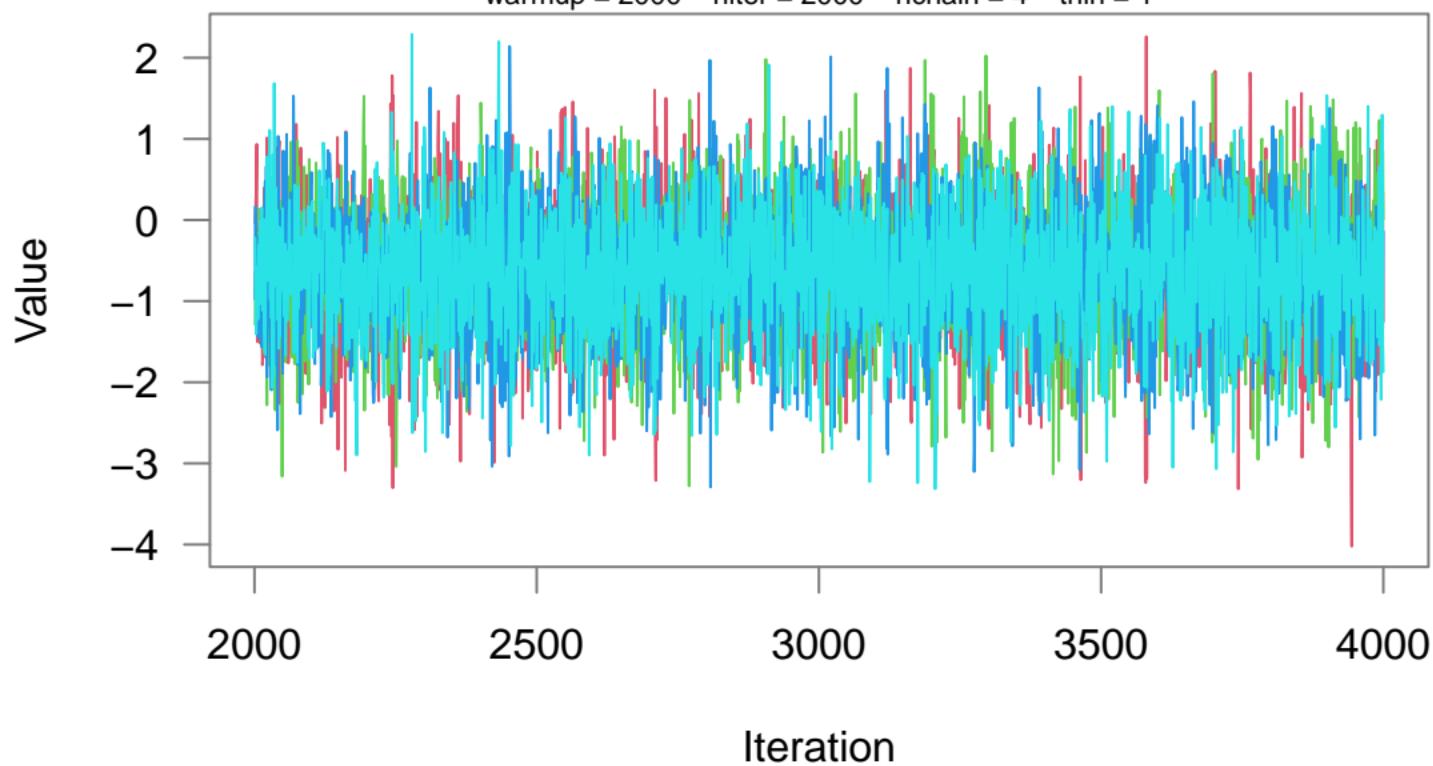
z_4[1,57]

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



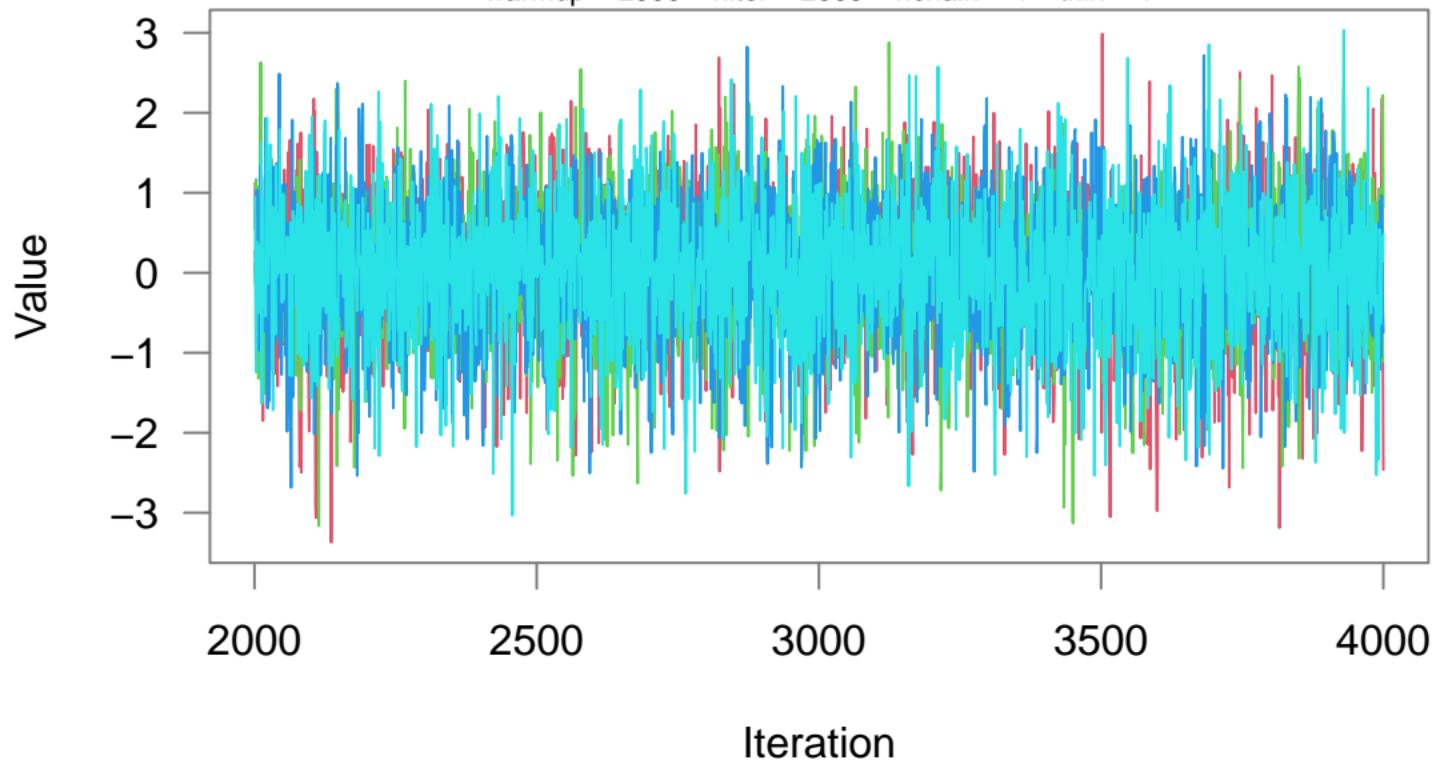
z_4[1,58]

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



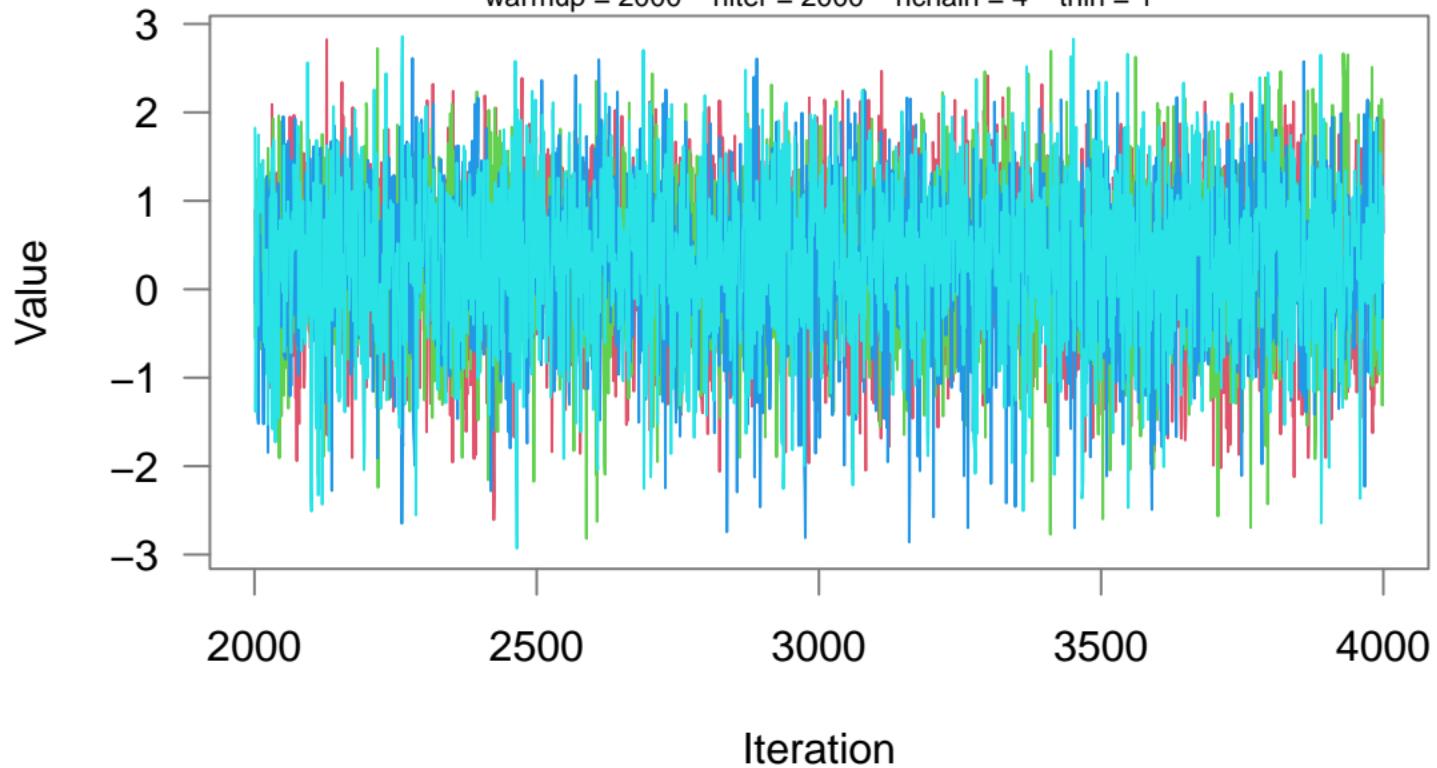
z_4[1,59]

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



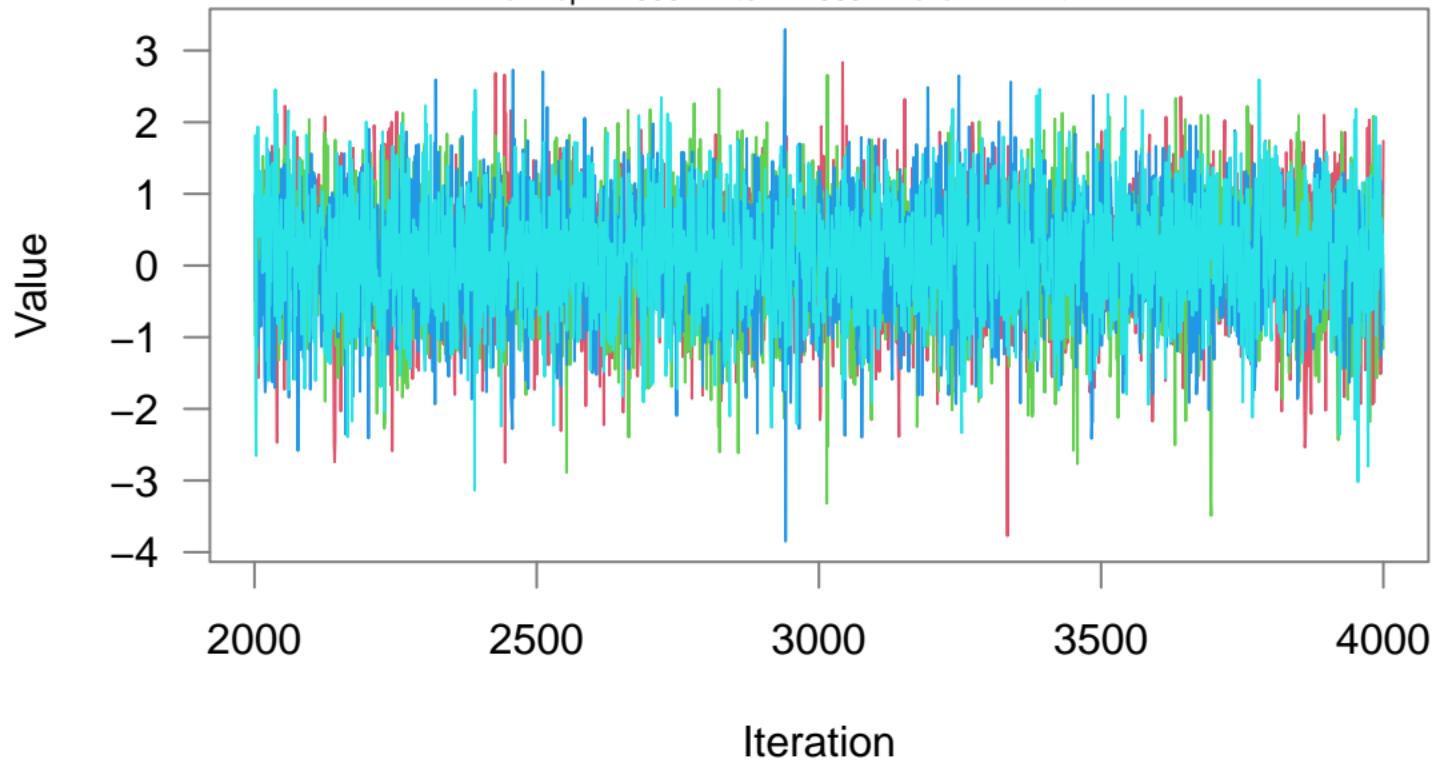
z_4[1,60]

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



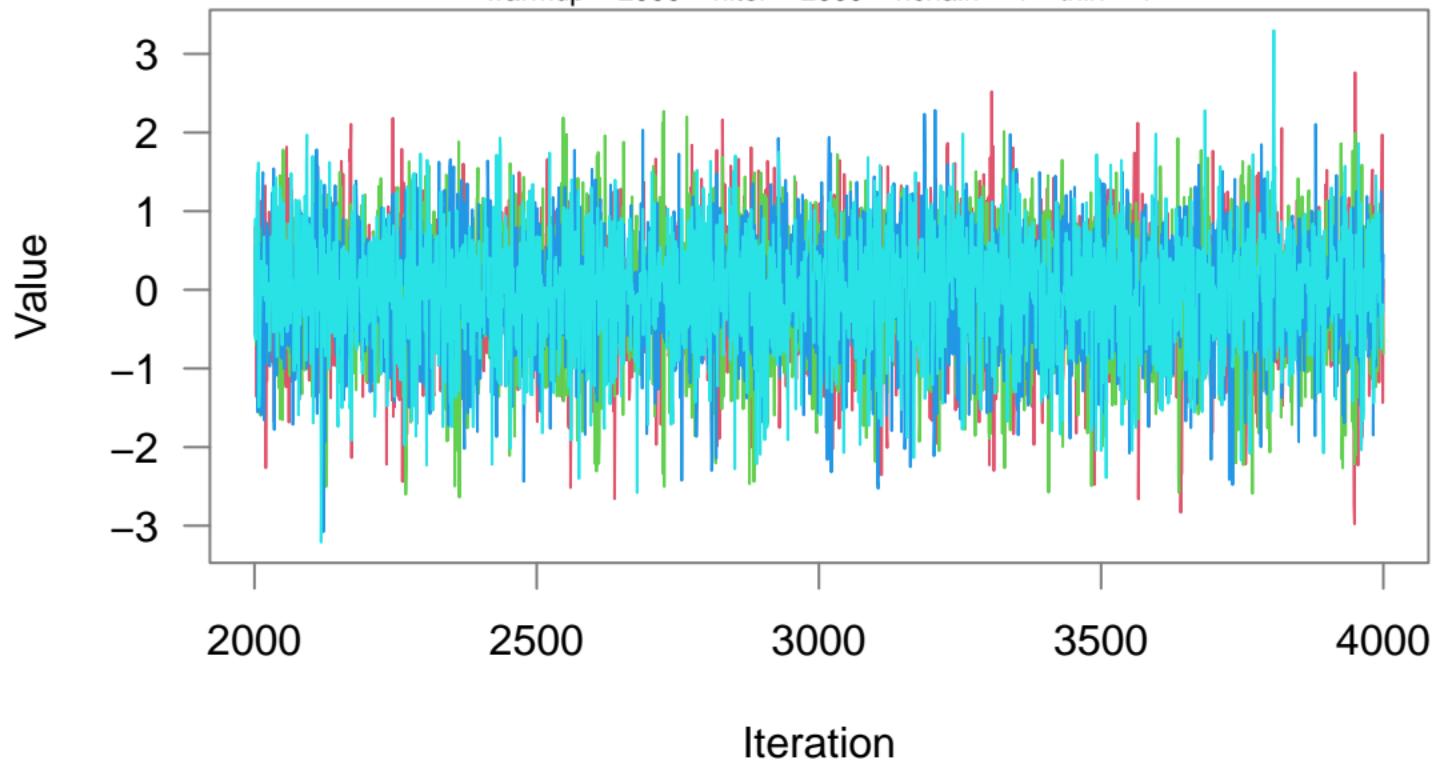
z_4[1,61]

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



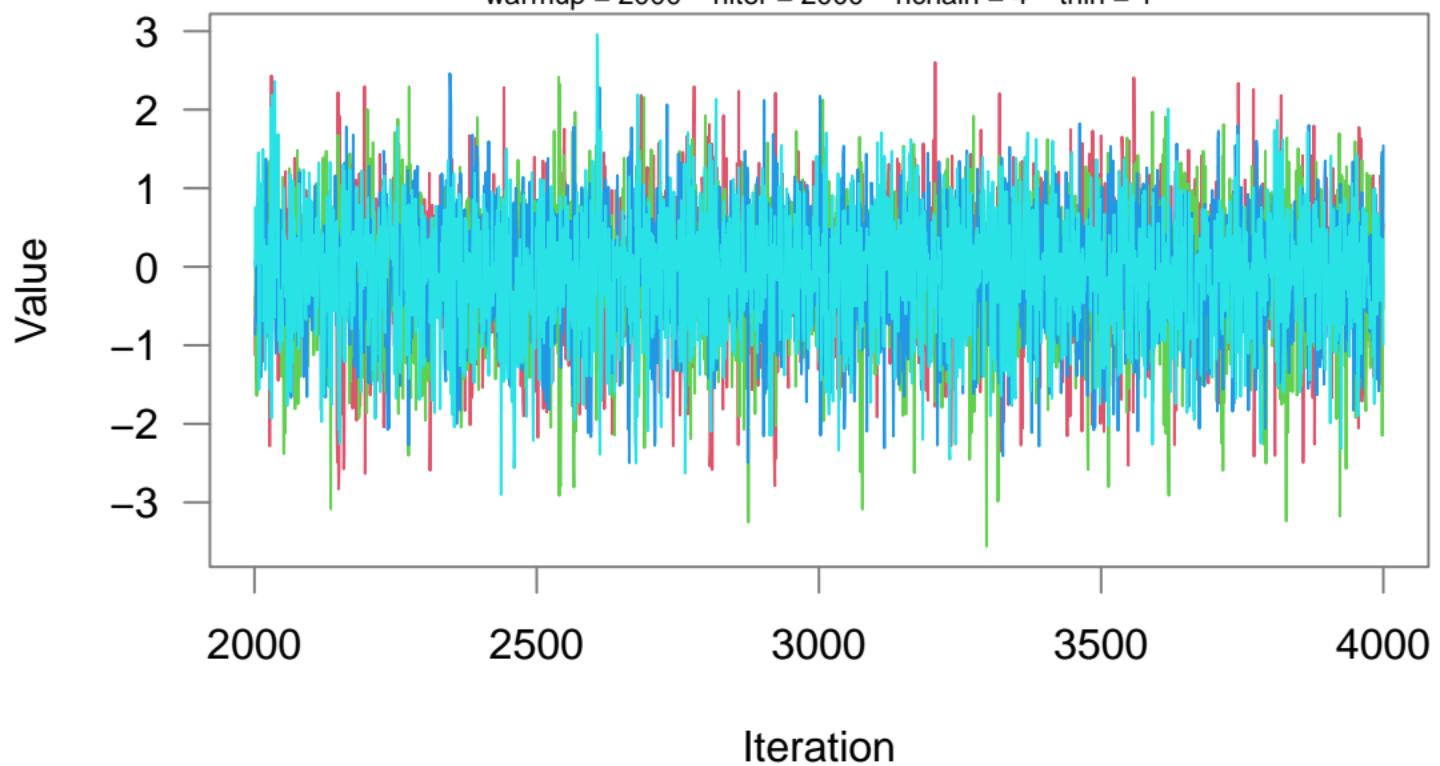
z_4[1,62]

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



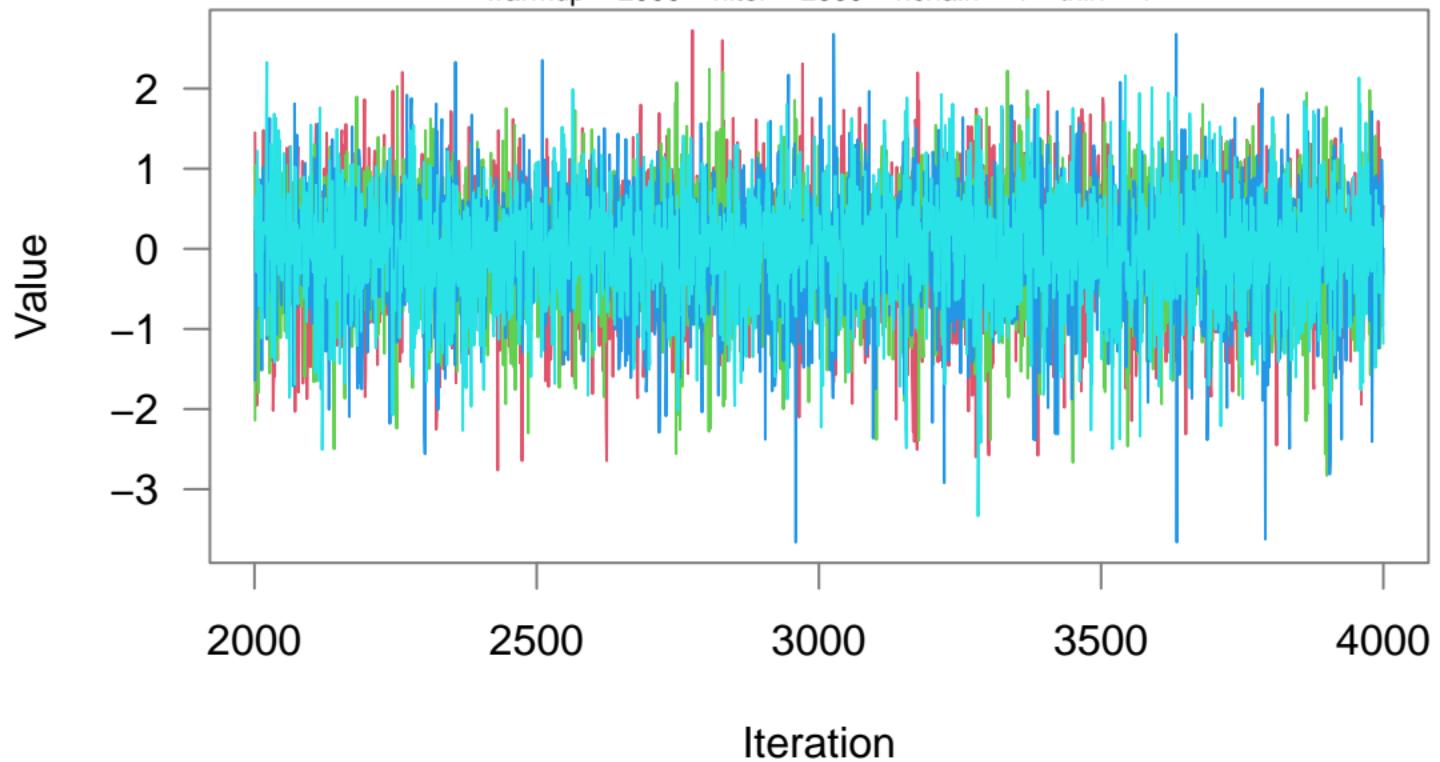
z_4[1,63]

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



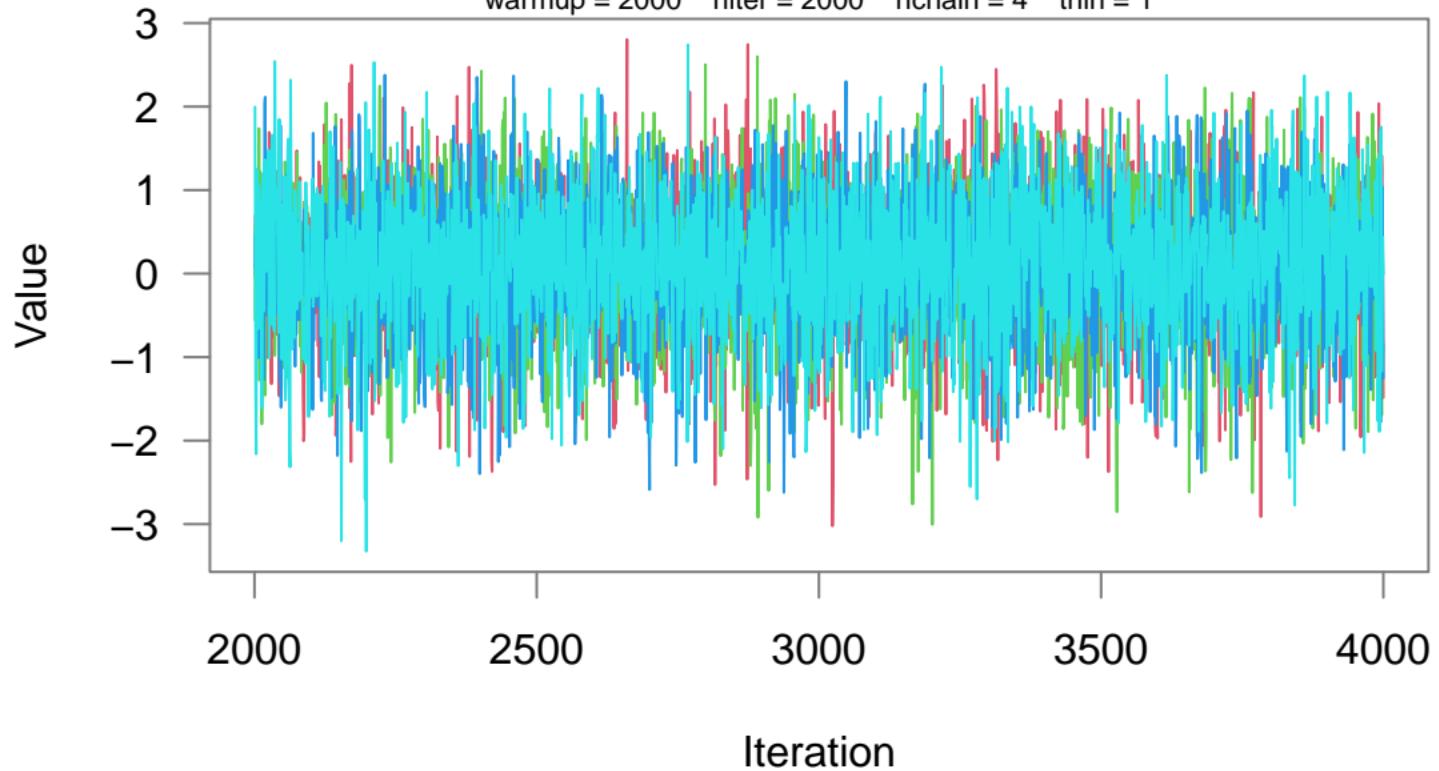
z_4[1,64]

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



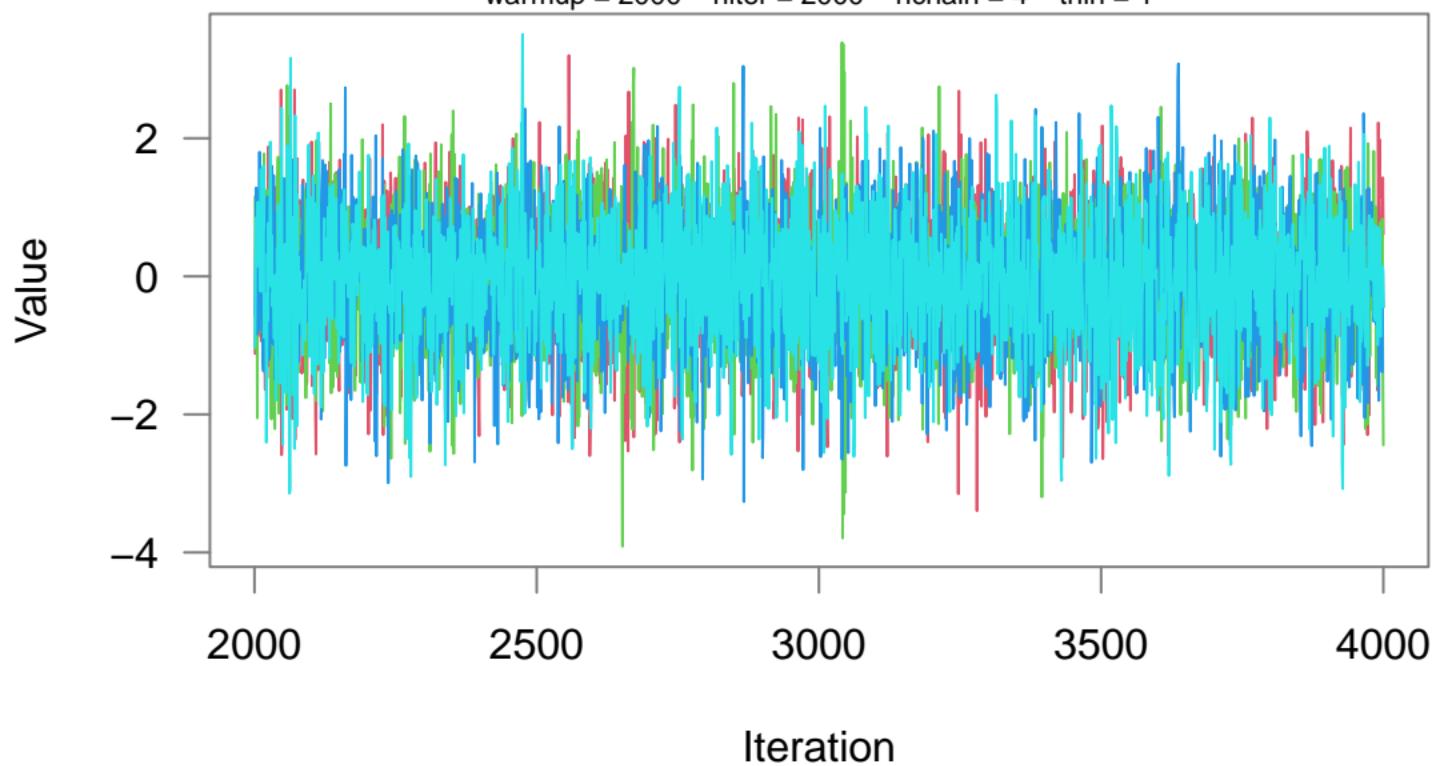
z_4[1,65]

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



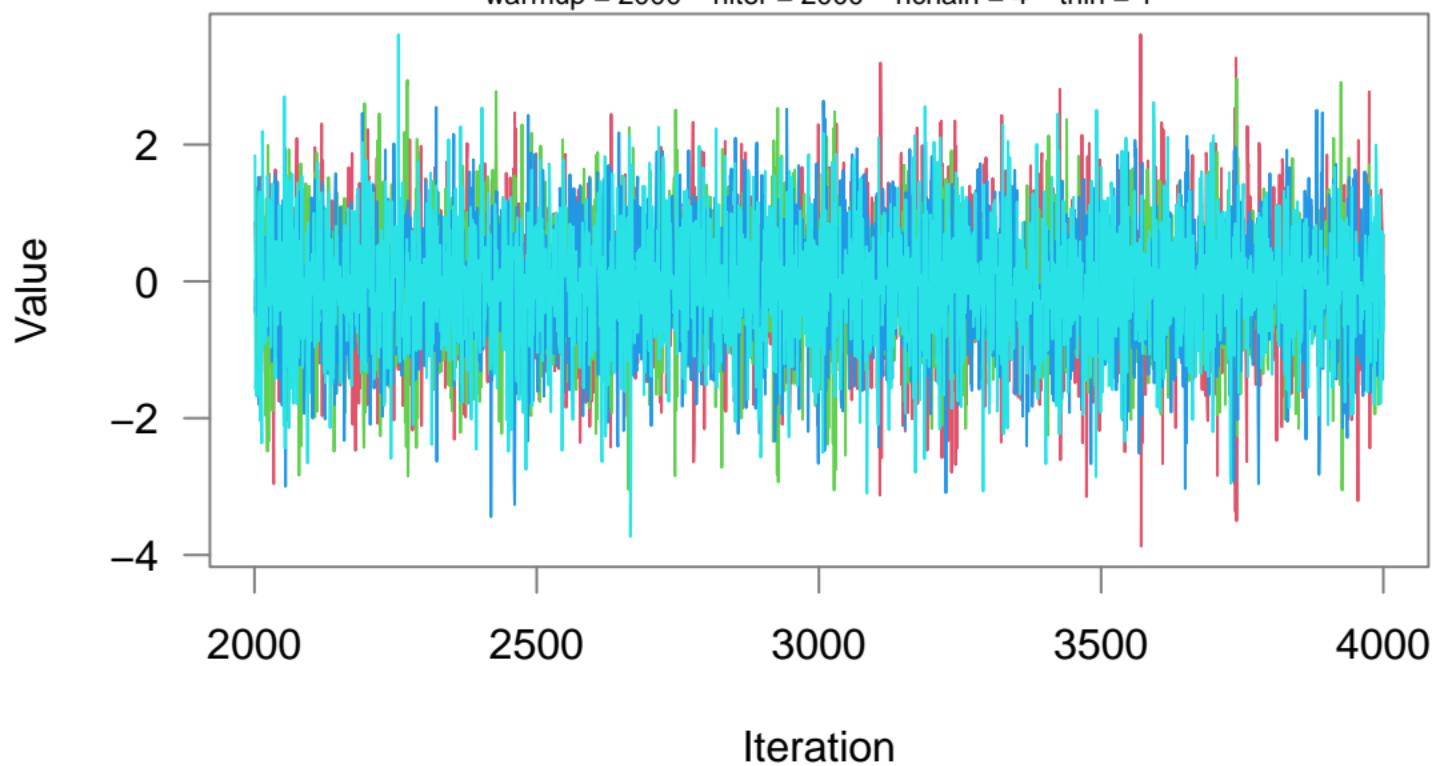
z_4[1,66]

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



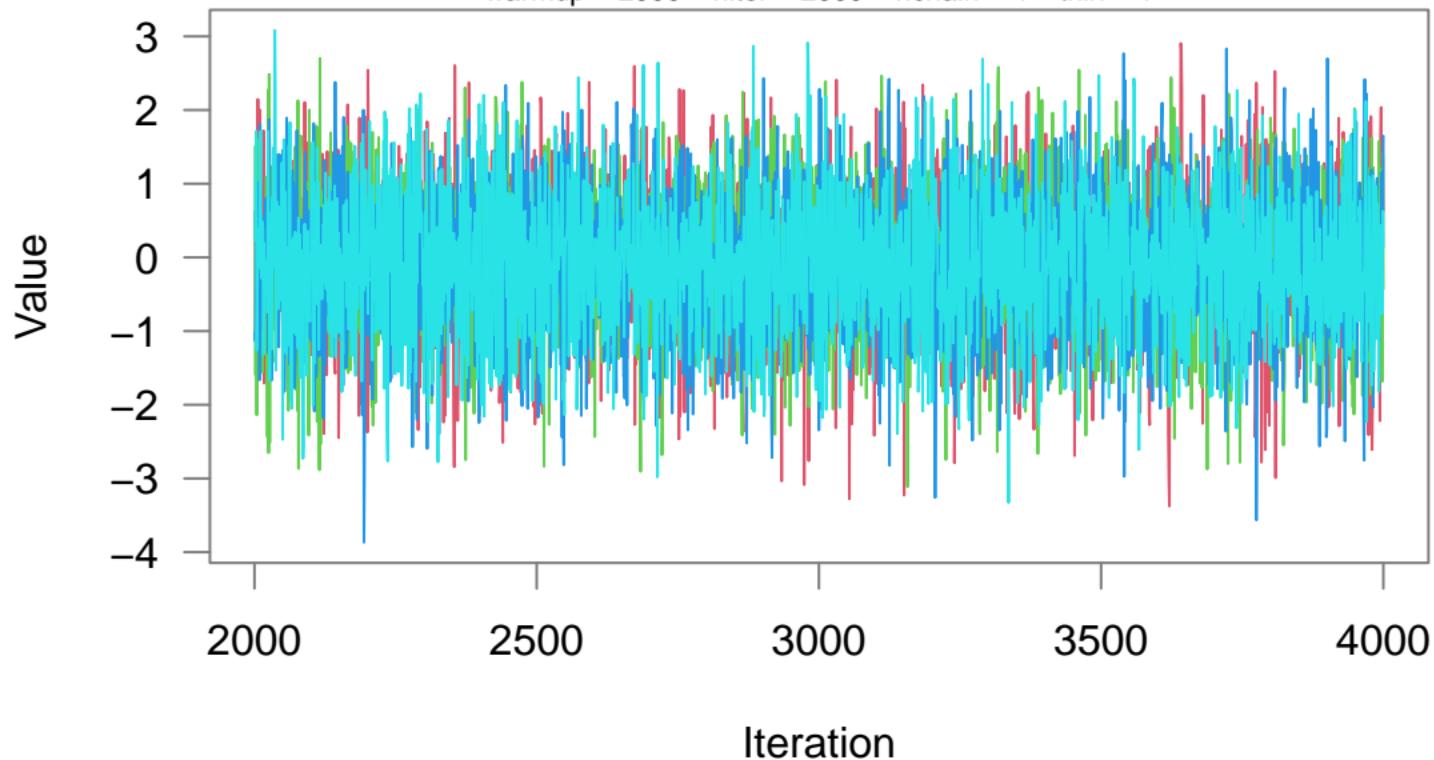
z_4[1,67]

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



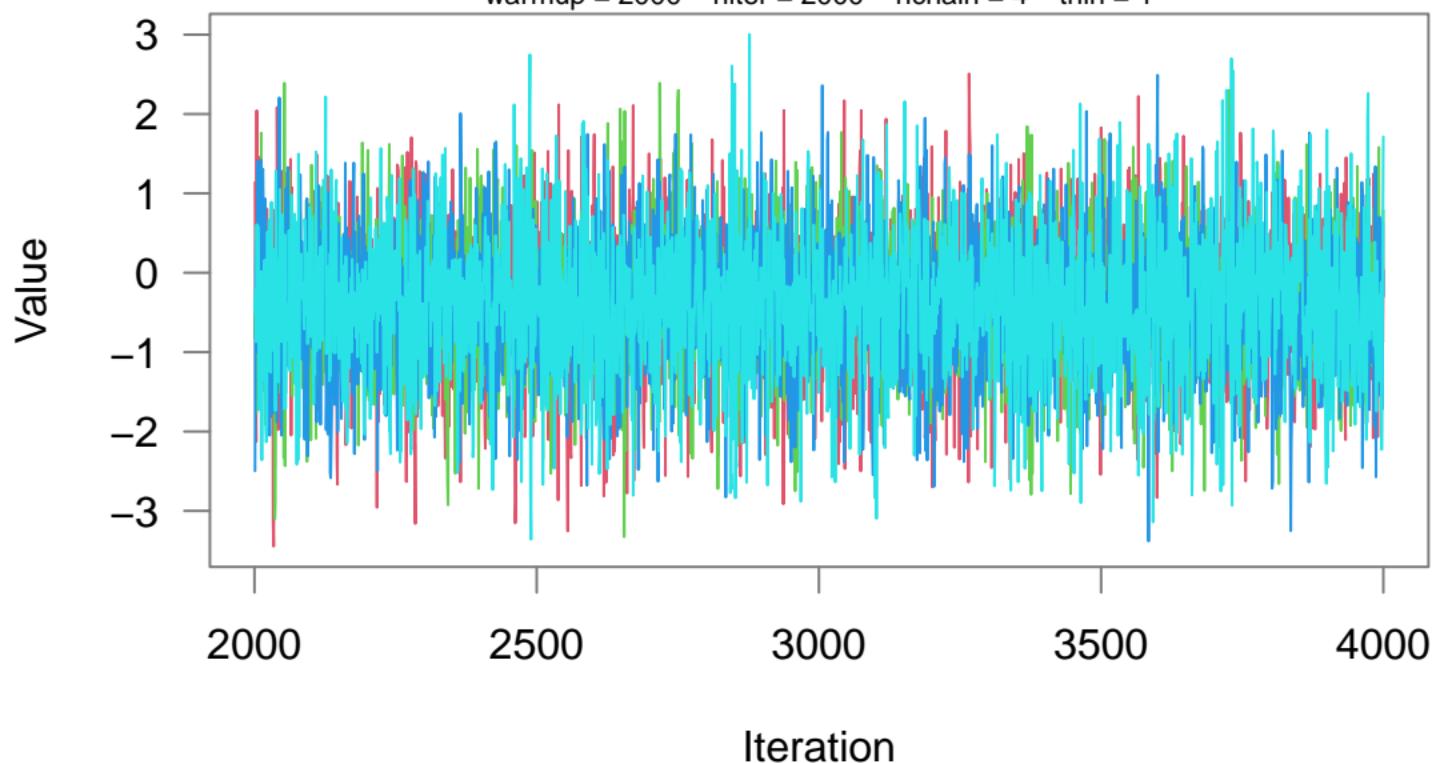
z_4[1,68]

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



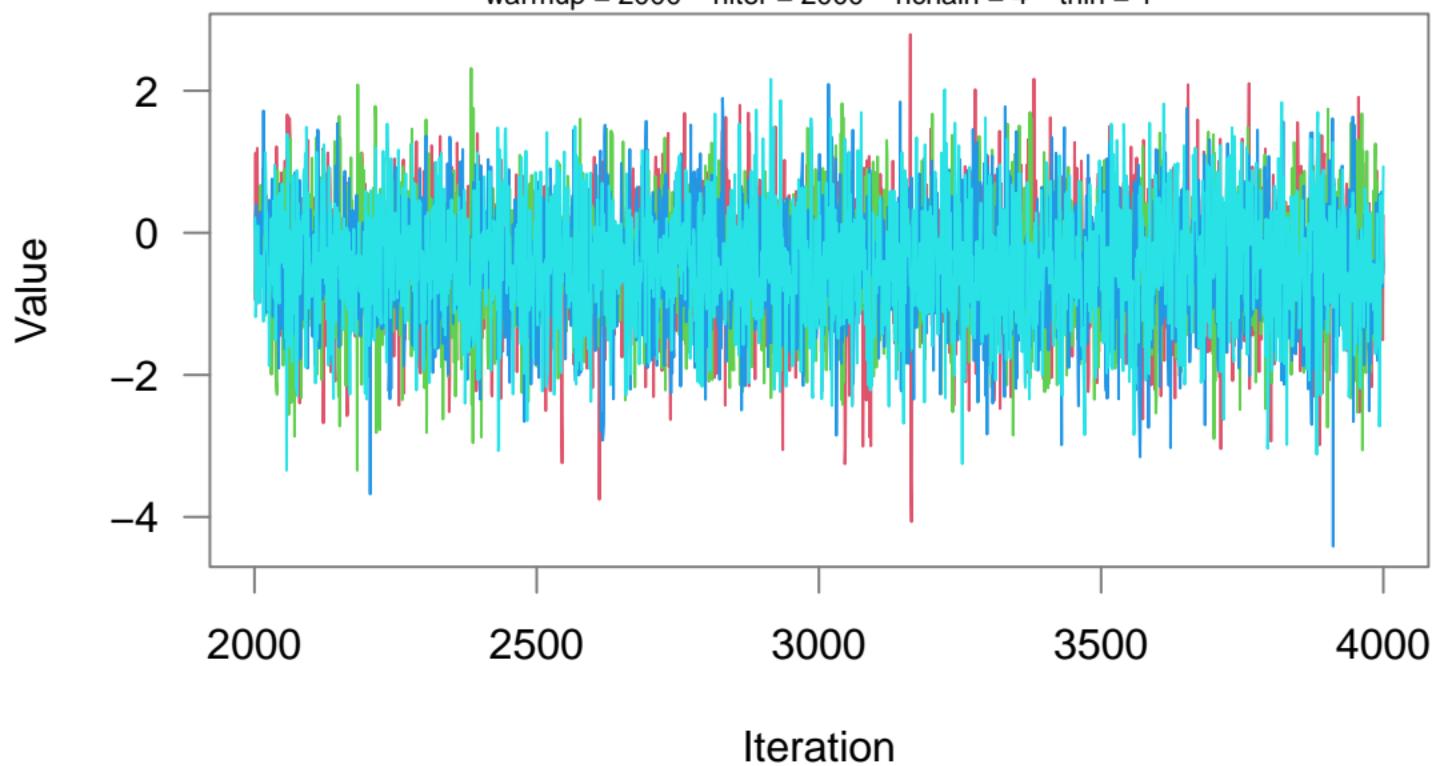
z_4[1,69]

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



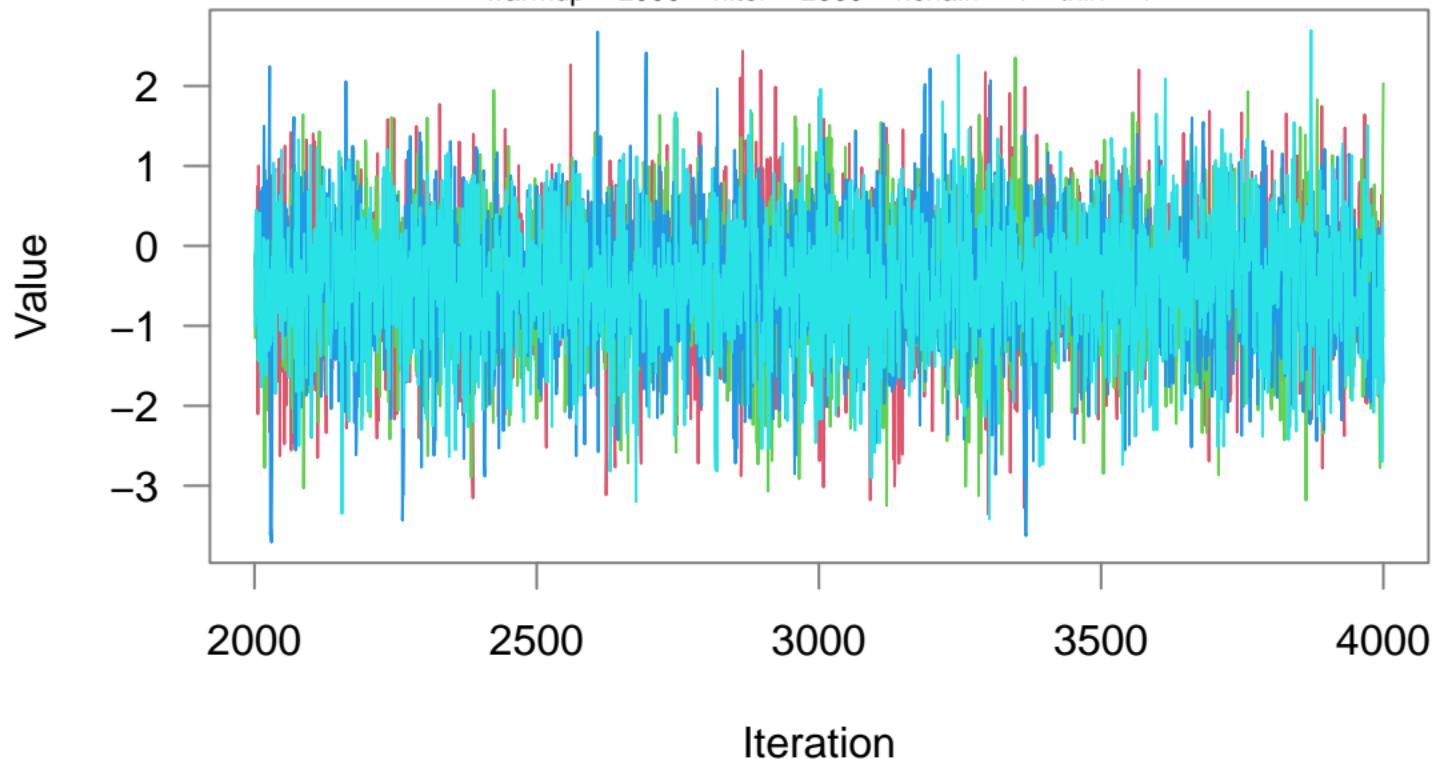
z_4[1,70]

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



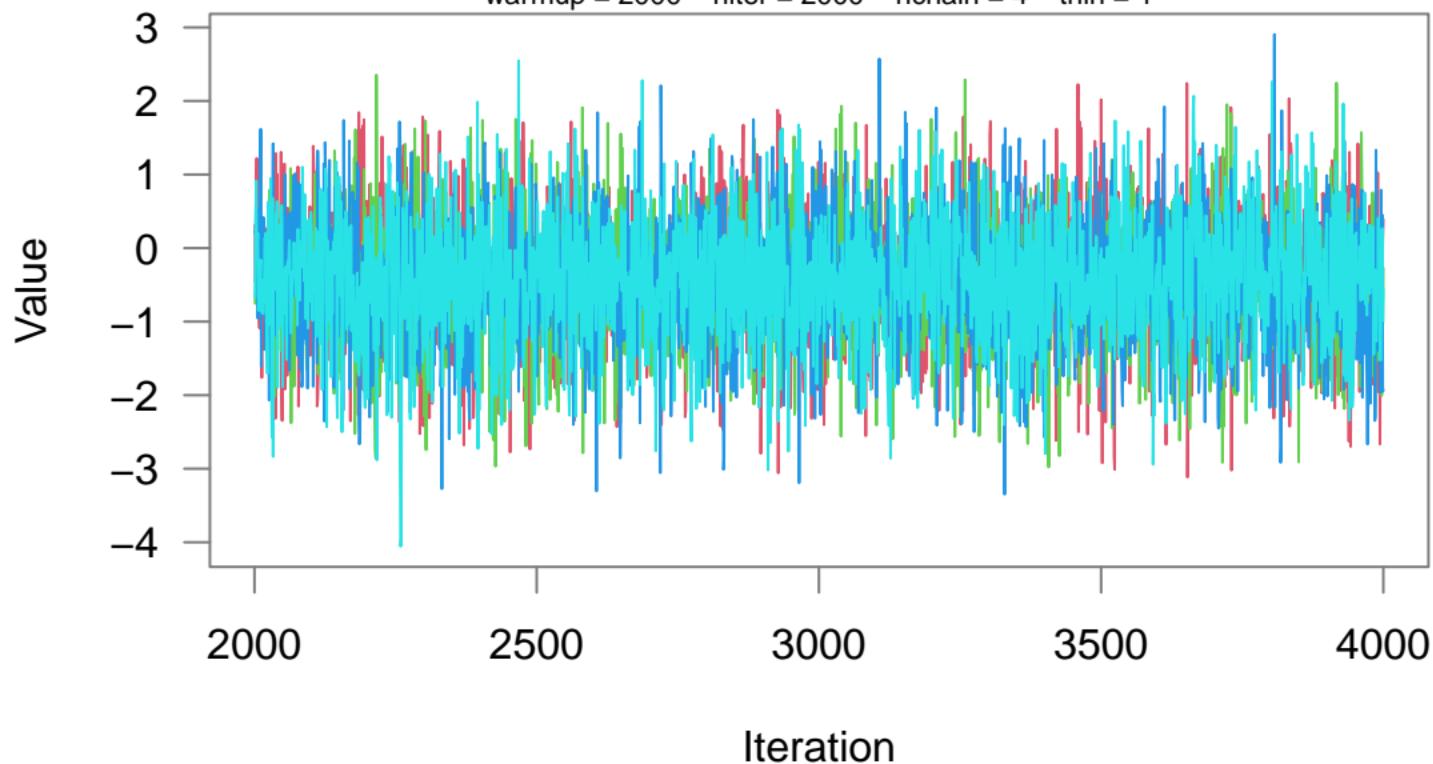
z_4[1,71]

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



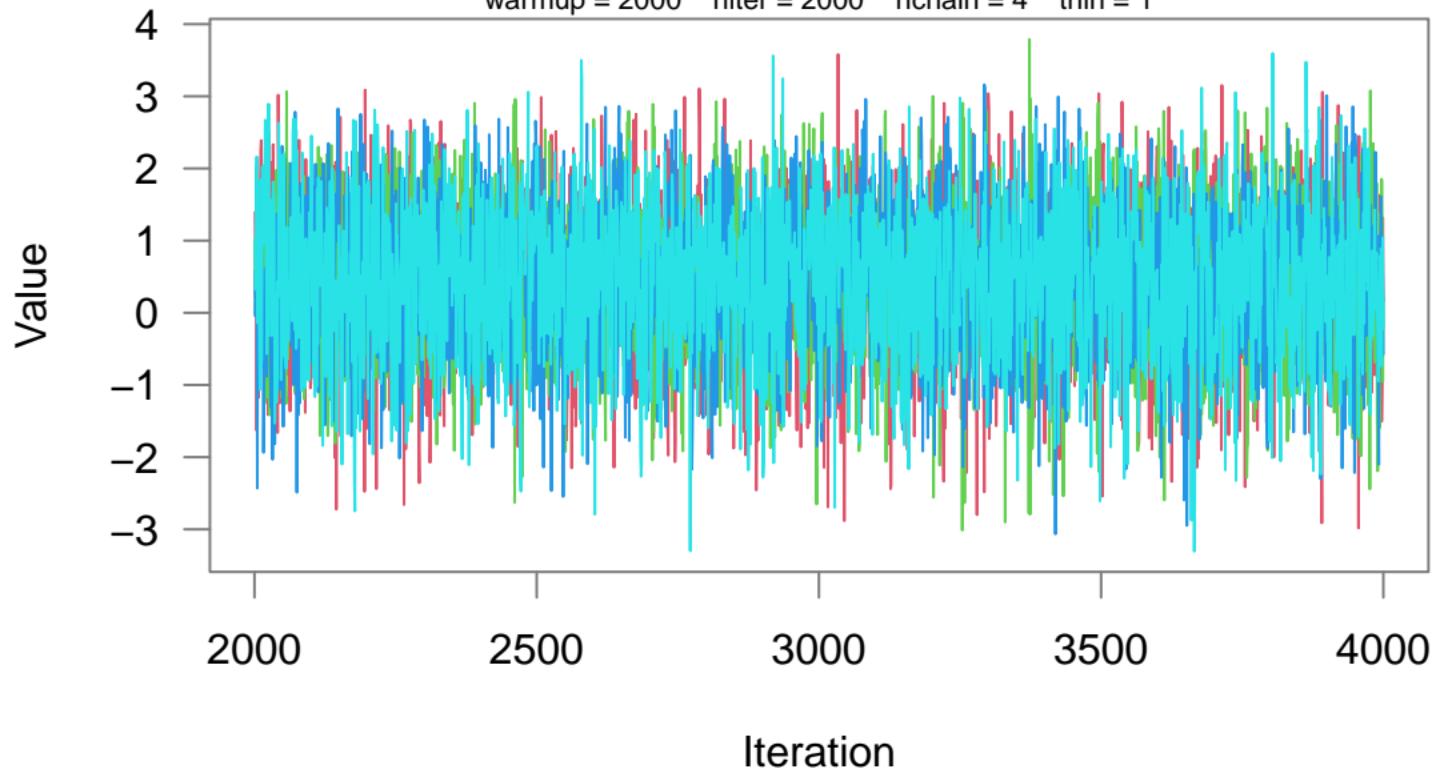
z_4[1,72]

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



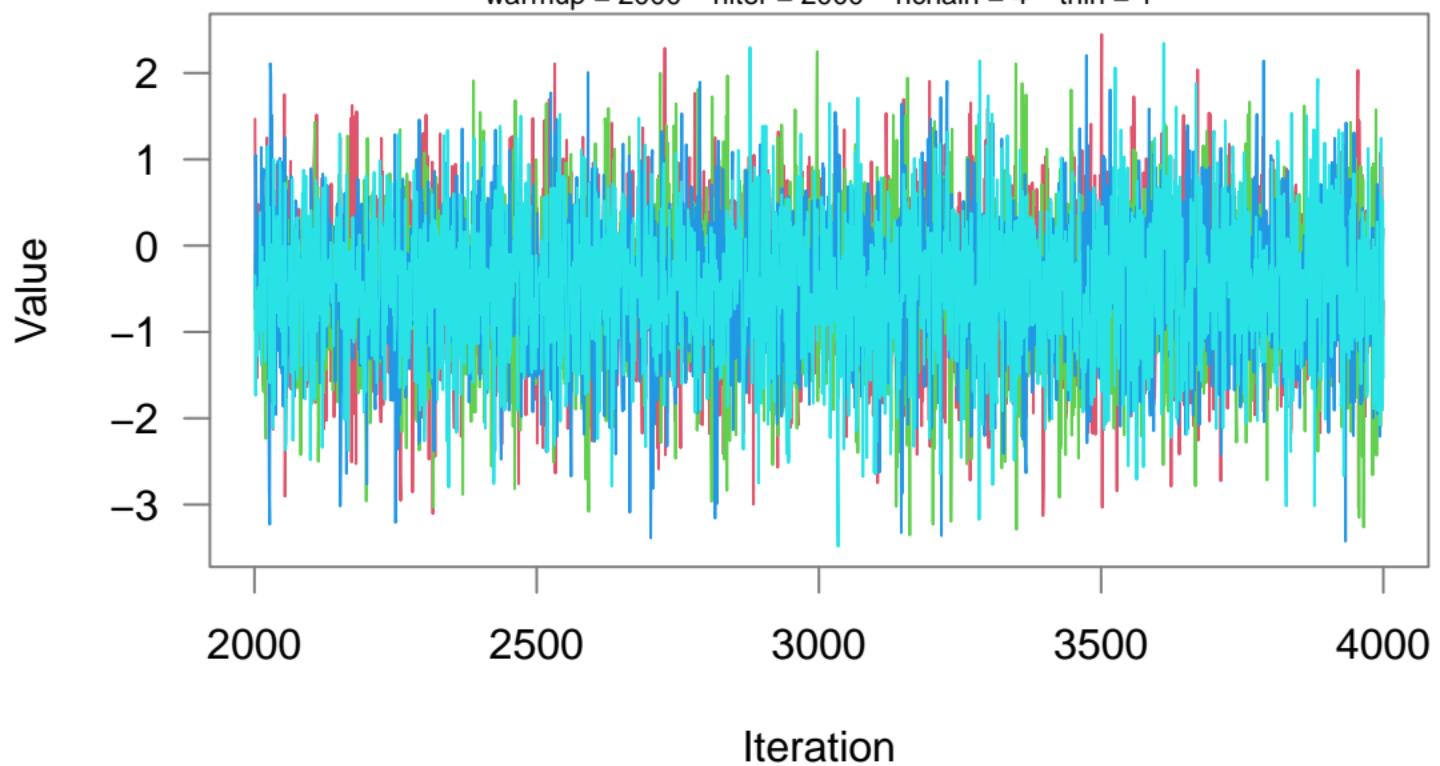
z_4[1,73]

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



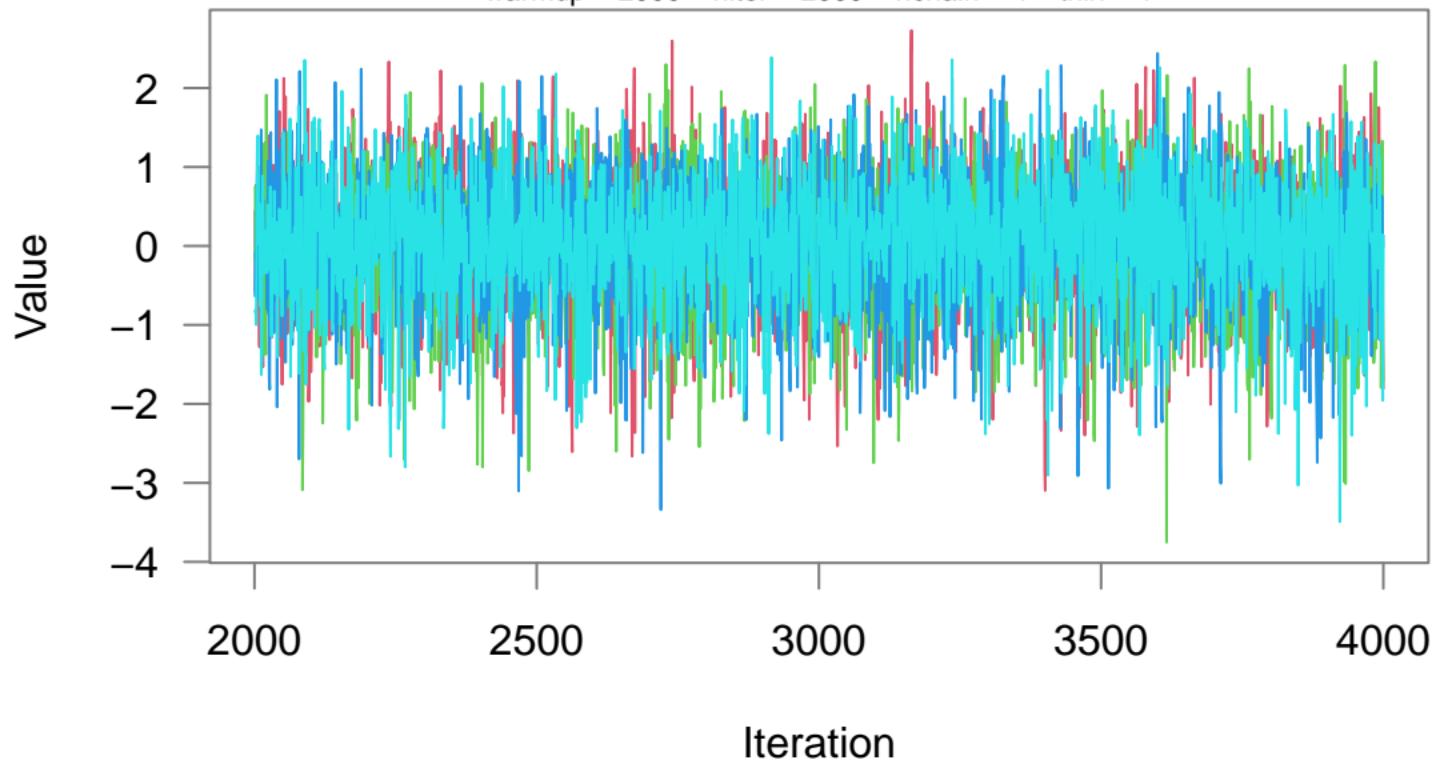
z_4[1,74]

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

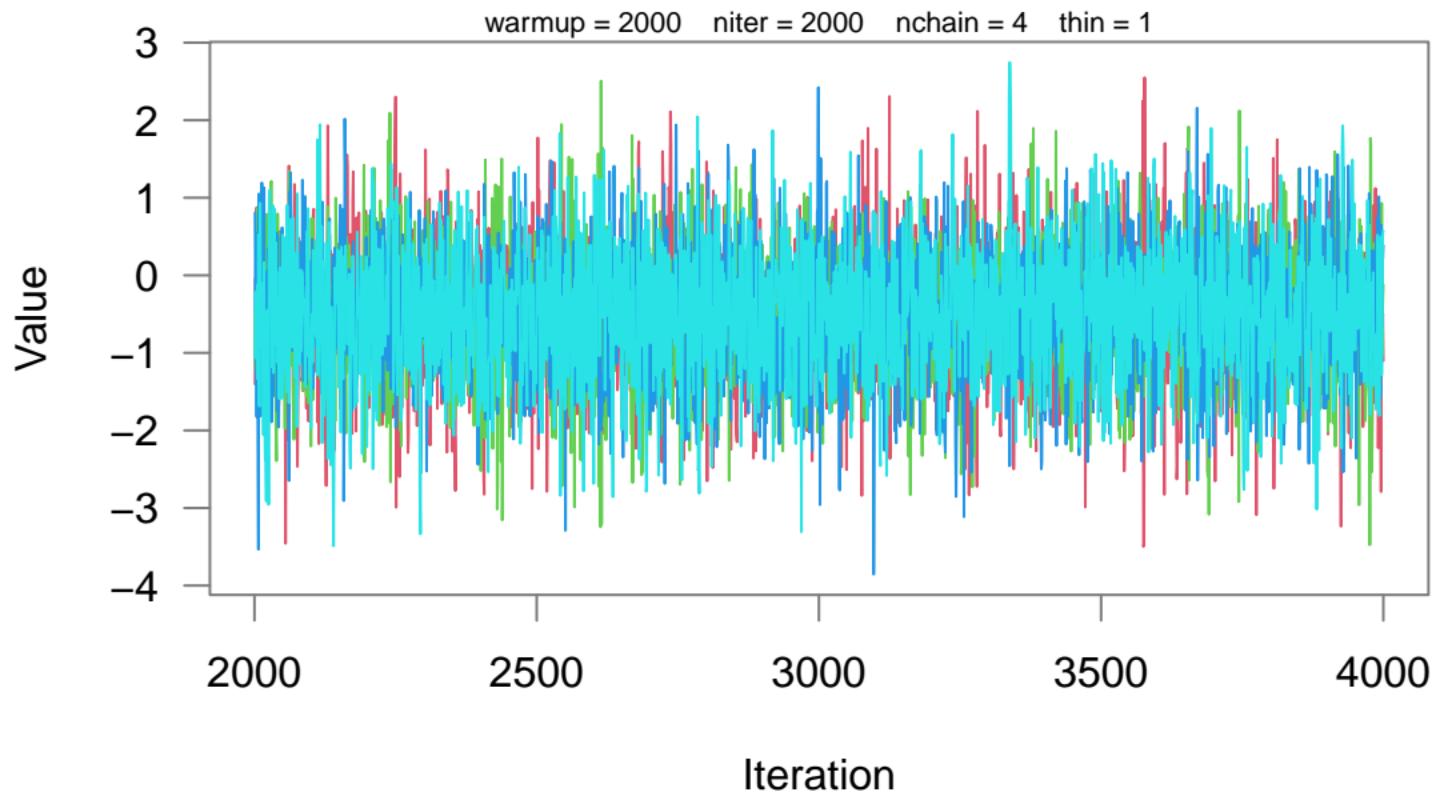


z_4[1,75]

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

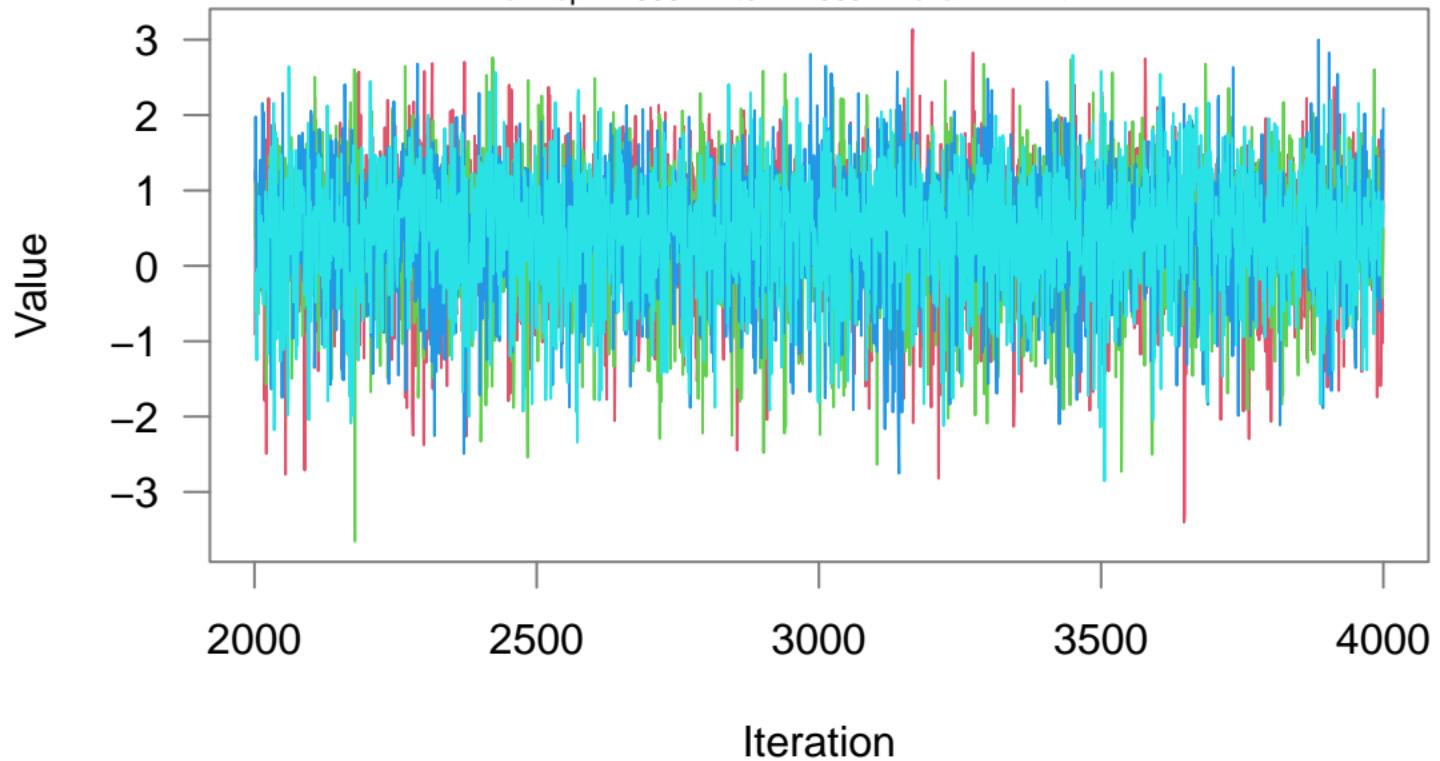


z_4[1,76]



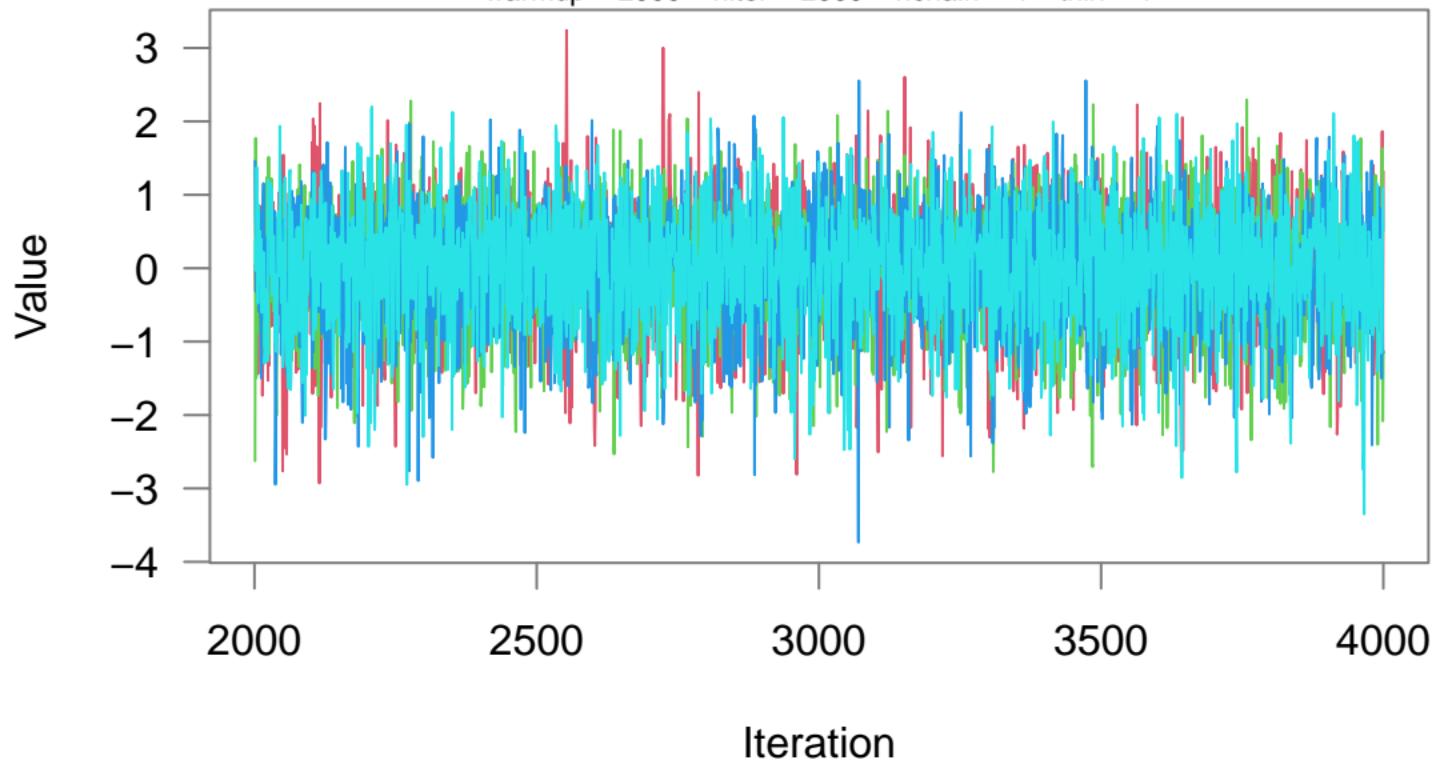
z_4[1,77]

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



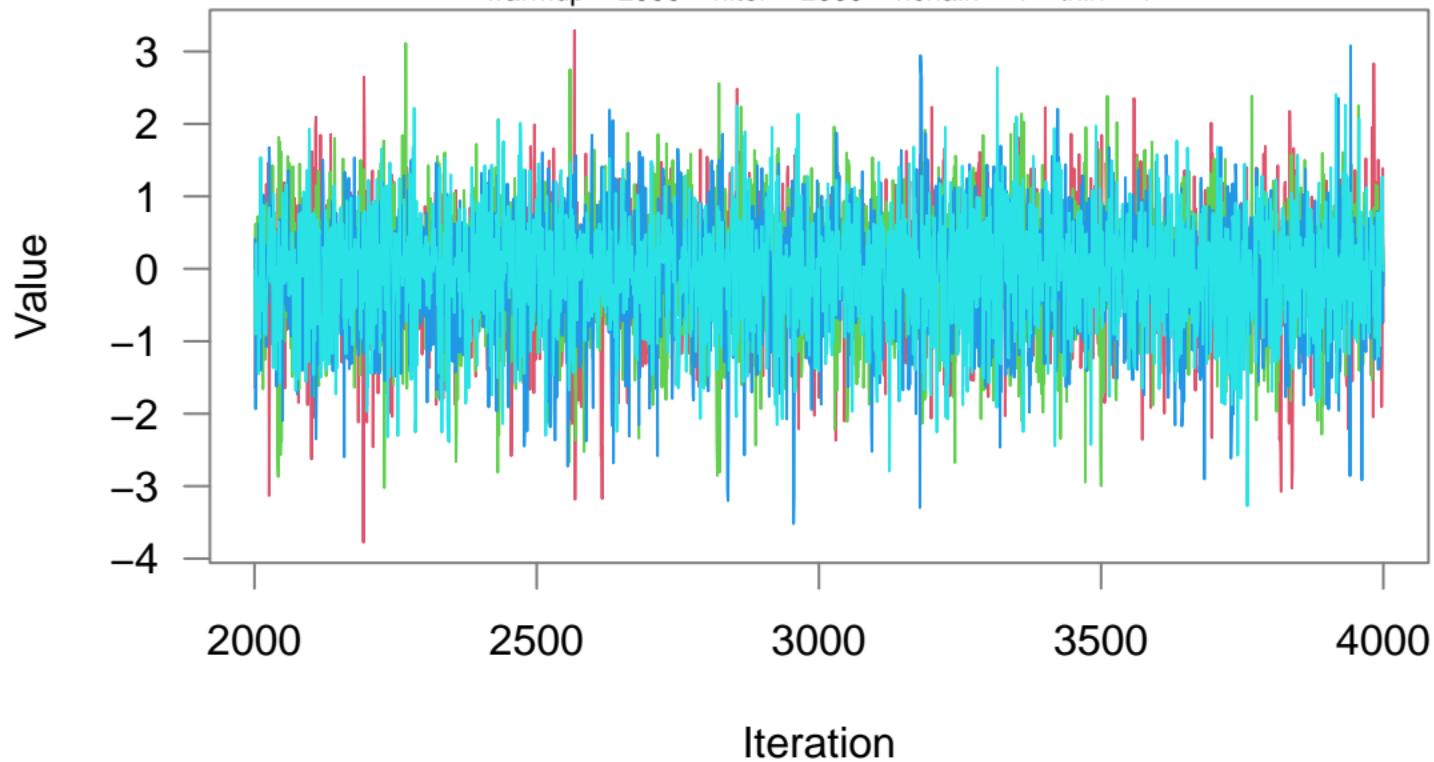
z_4[1,78]

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



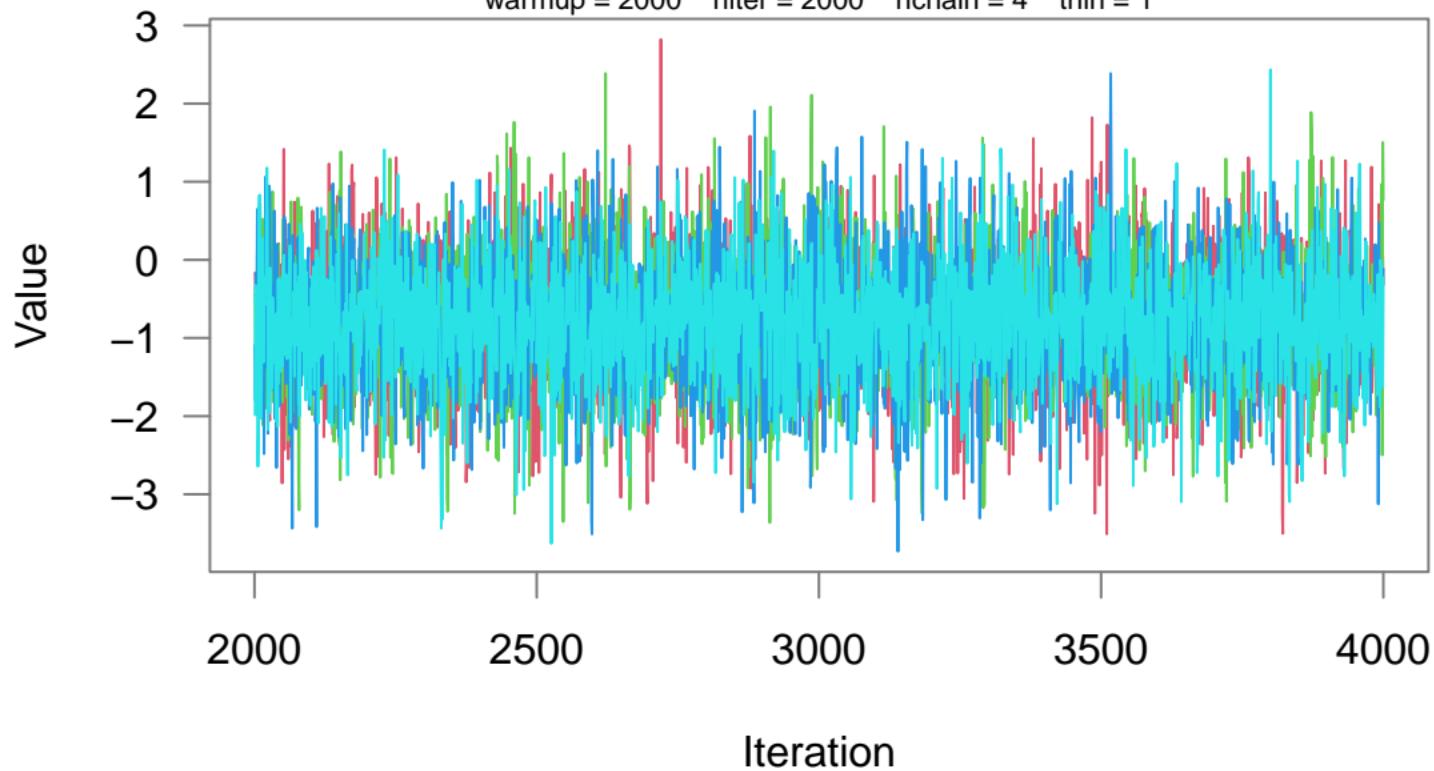
z_4[1,79]

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



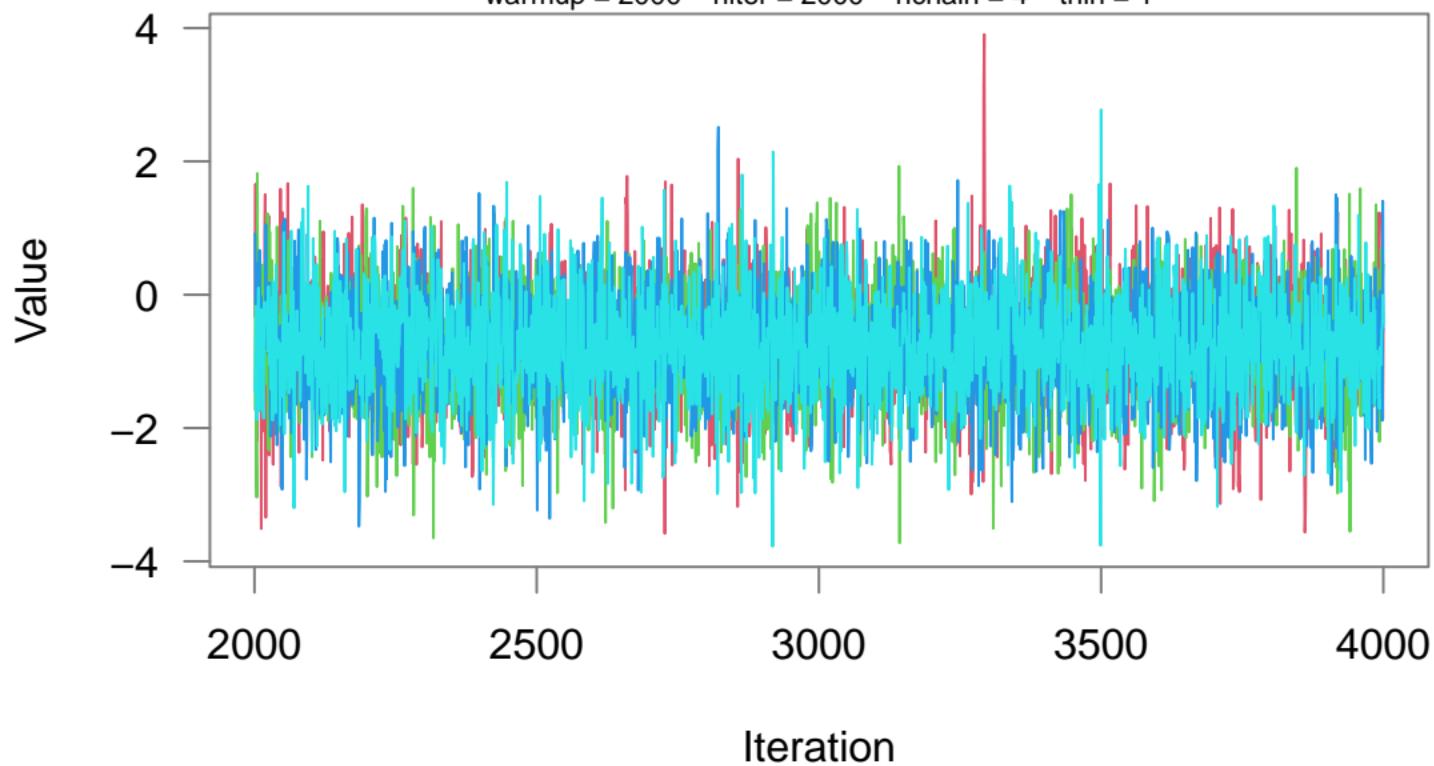
z_4[1,80]

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



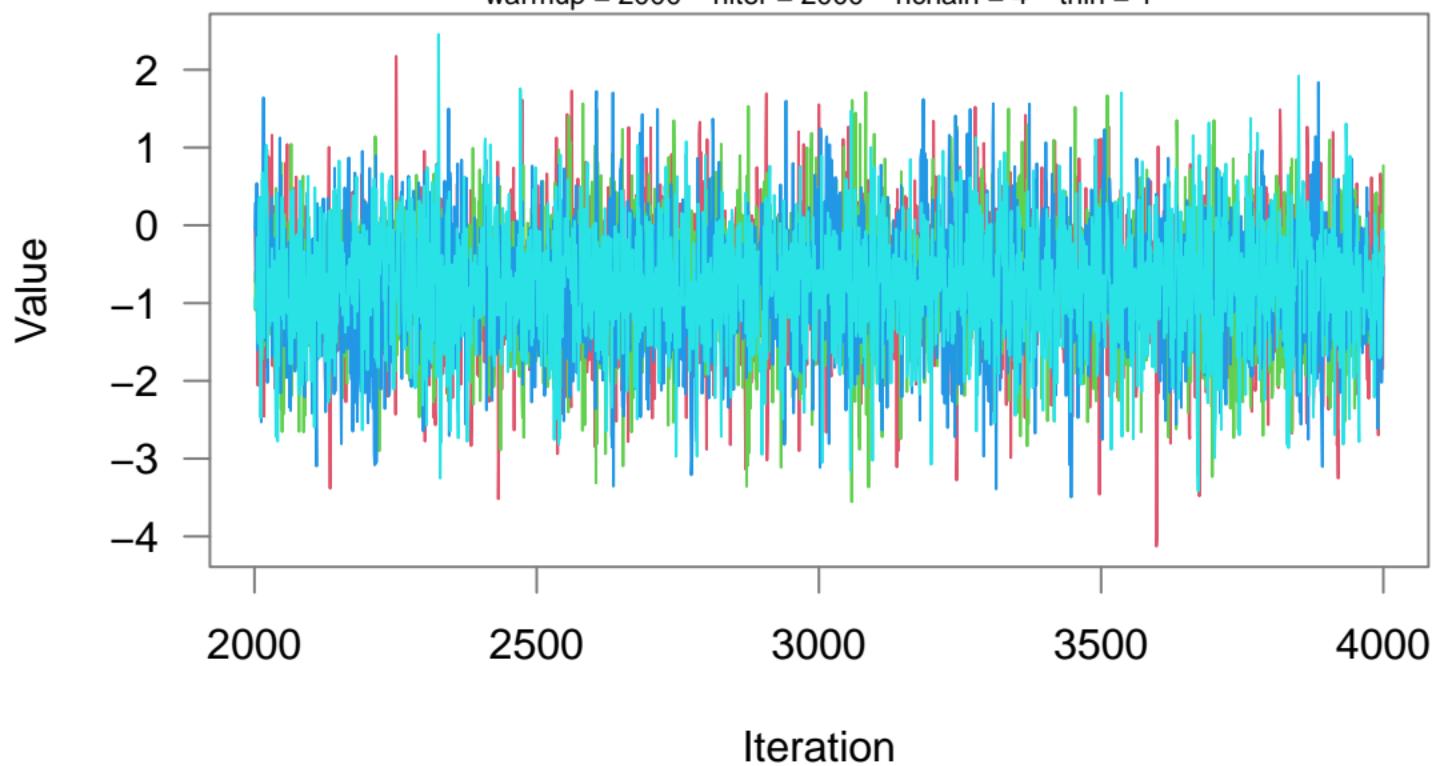
z_4[1,81]

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



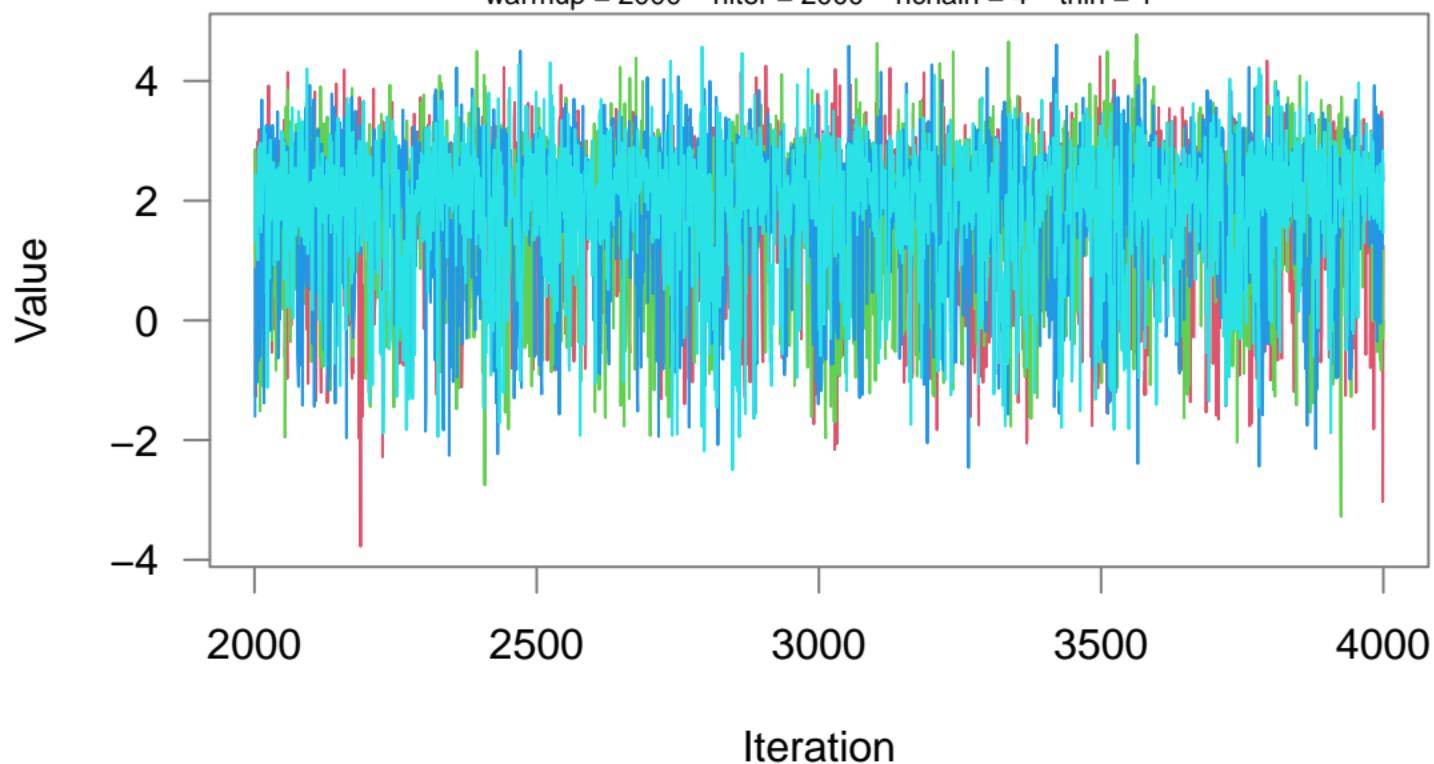
z_4[1,82]

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



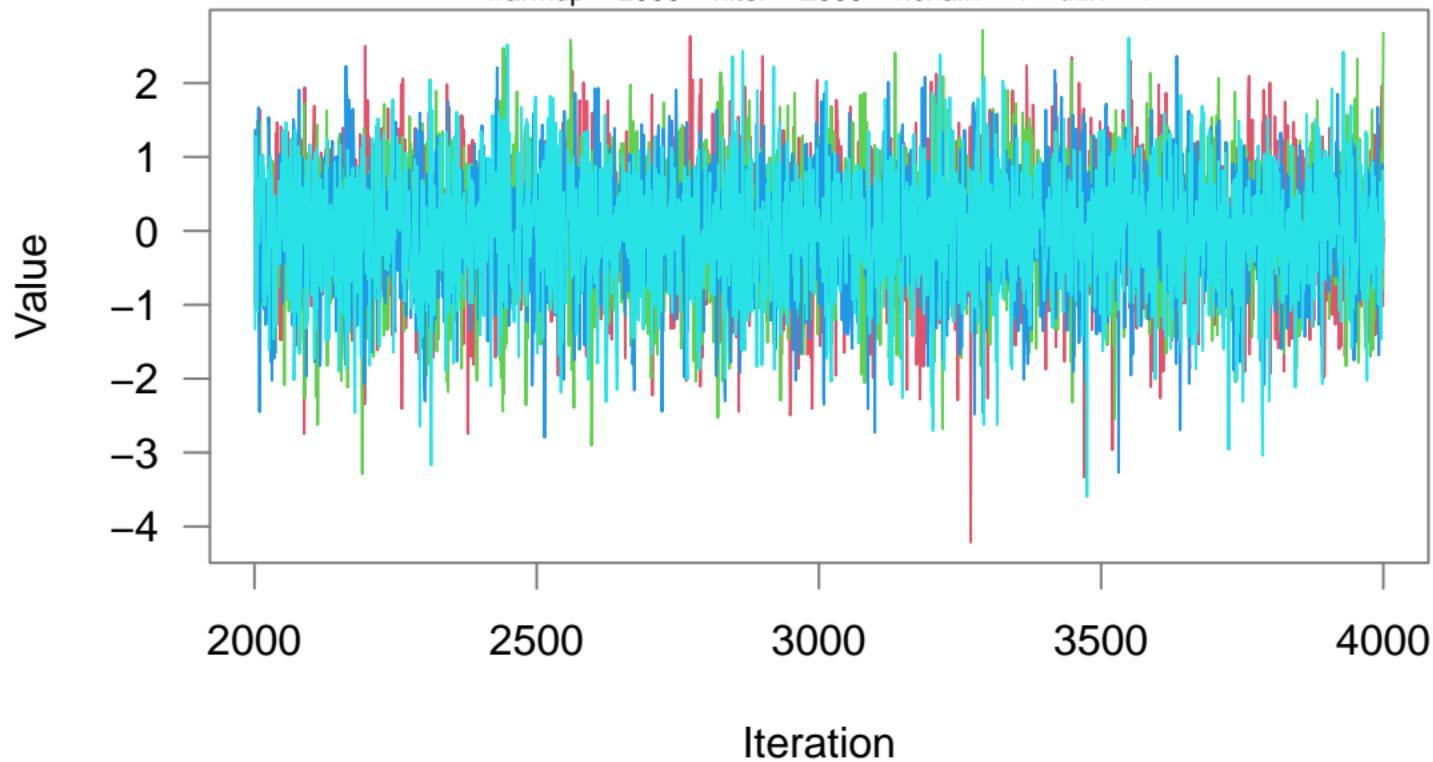
z_4[1,83]

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



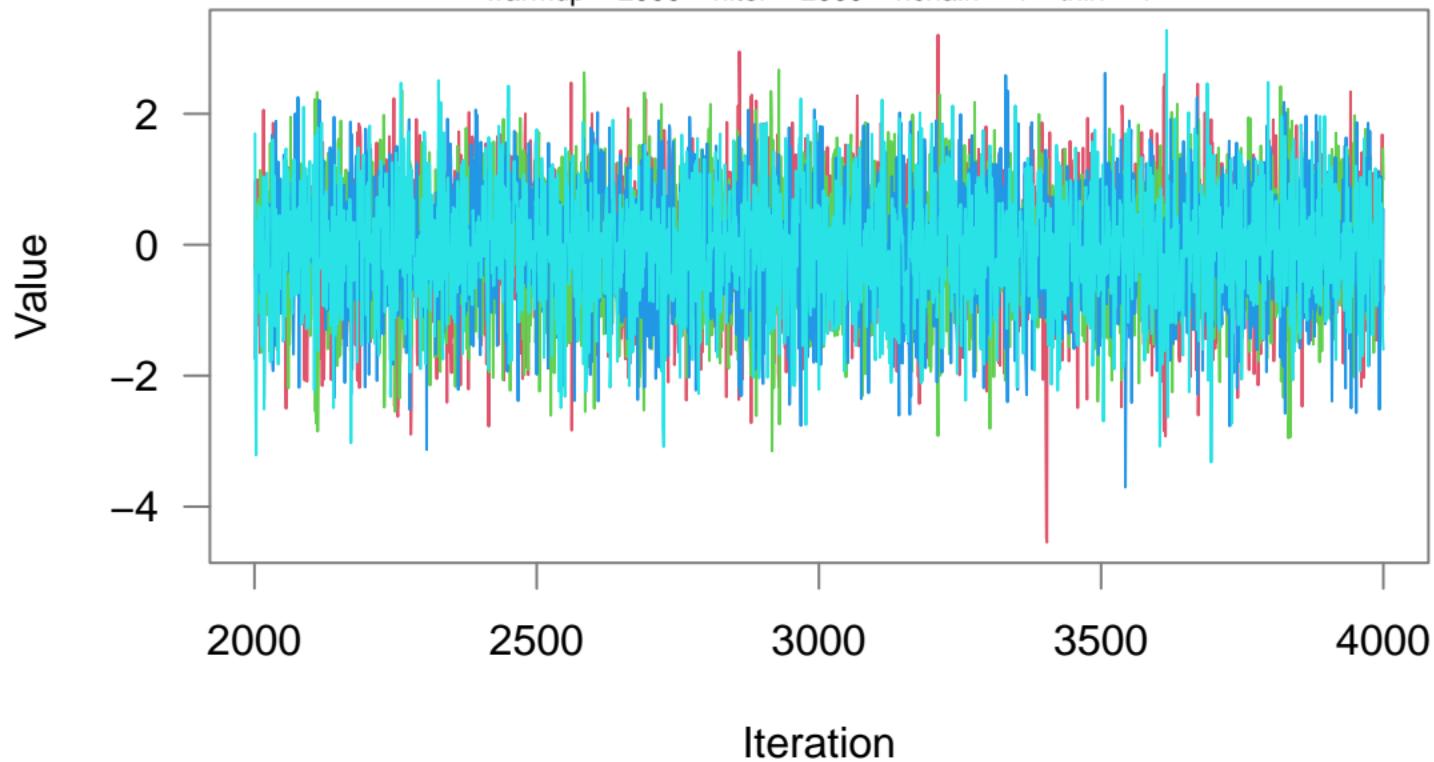
z_4[1,84]

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



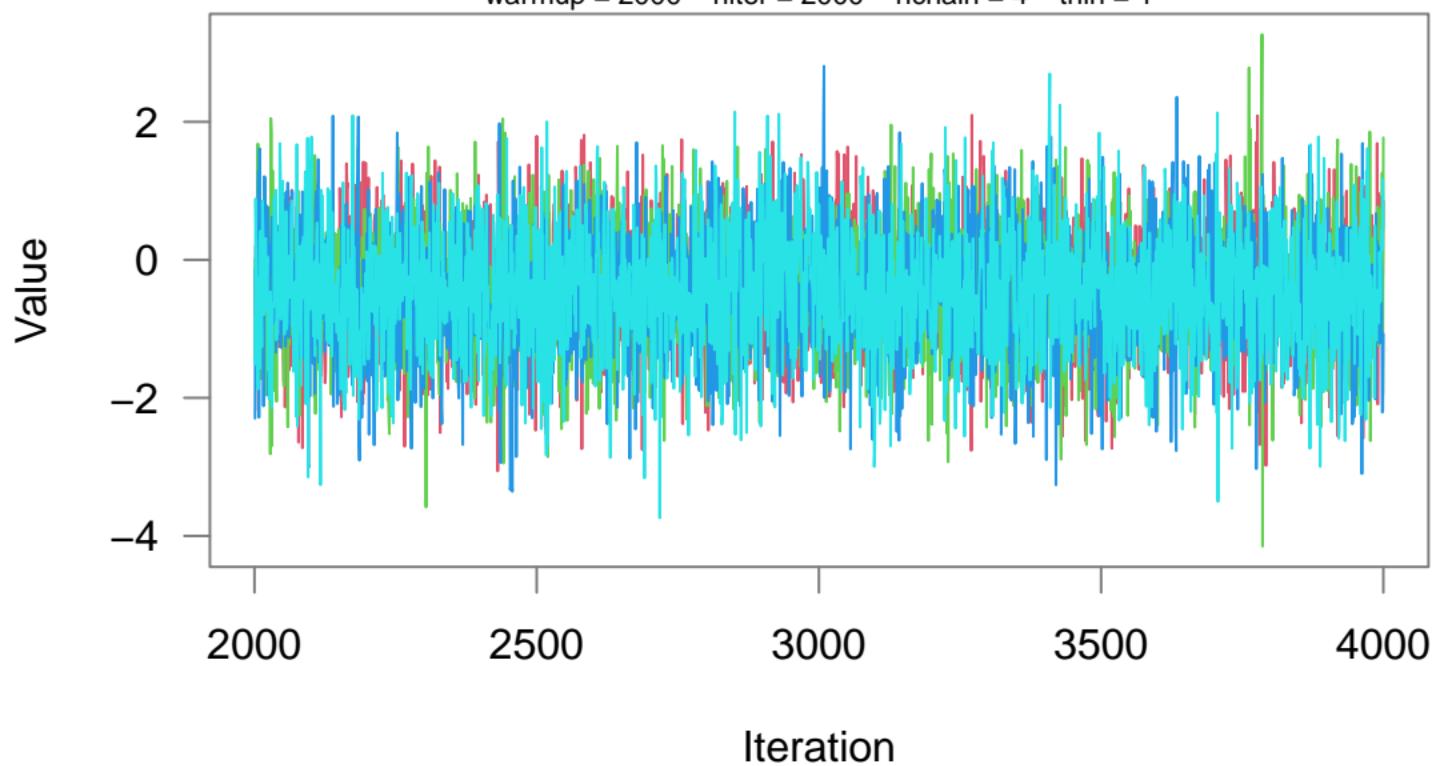
z_4[1,85]

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



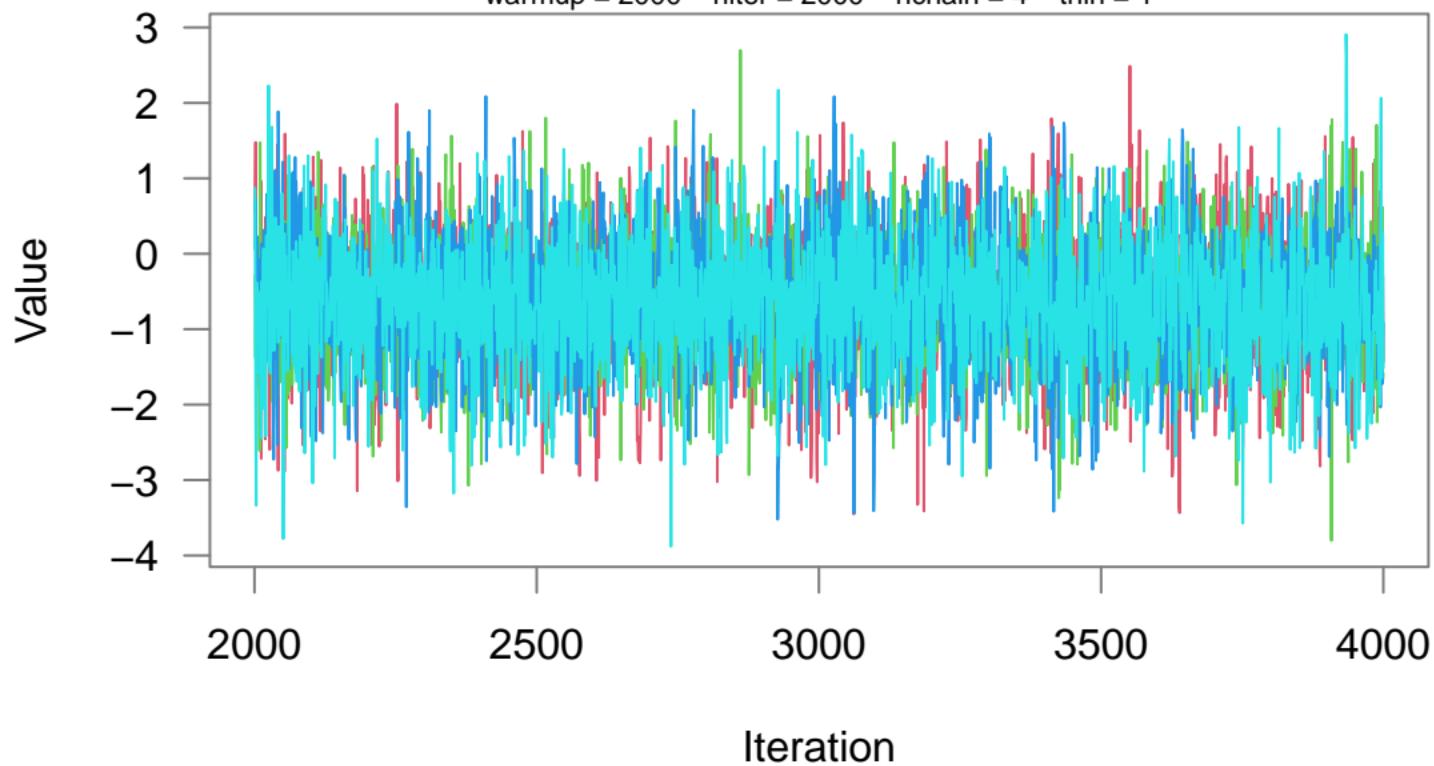
z_4[1,86]

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



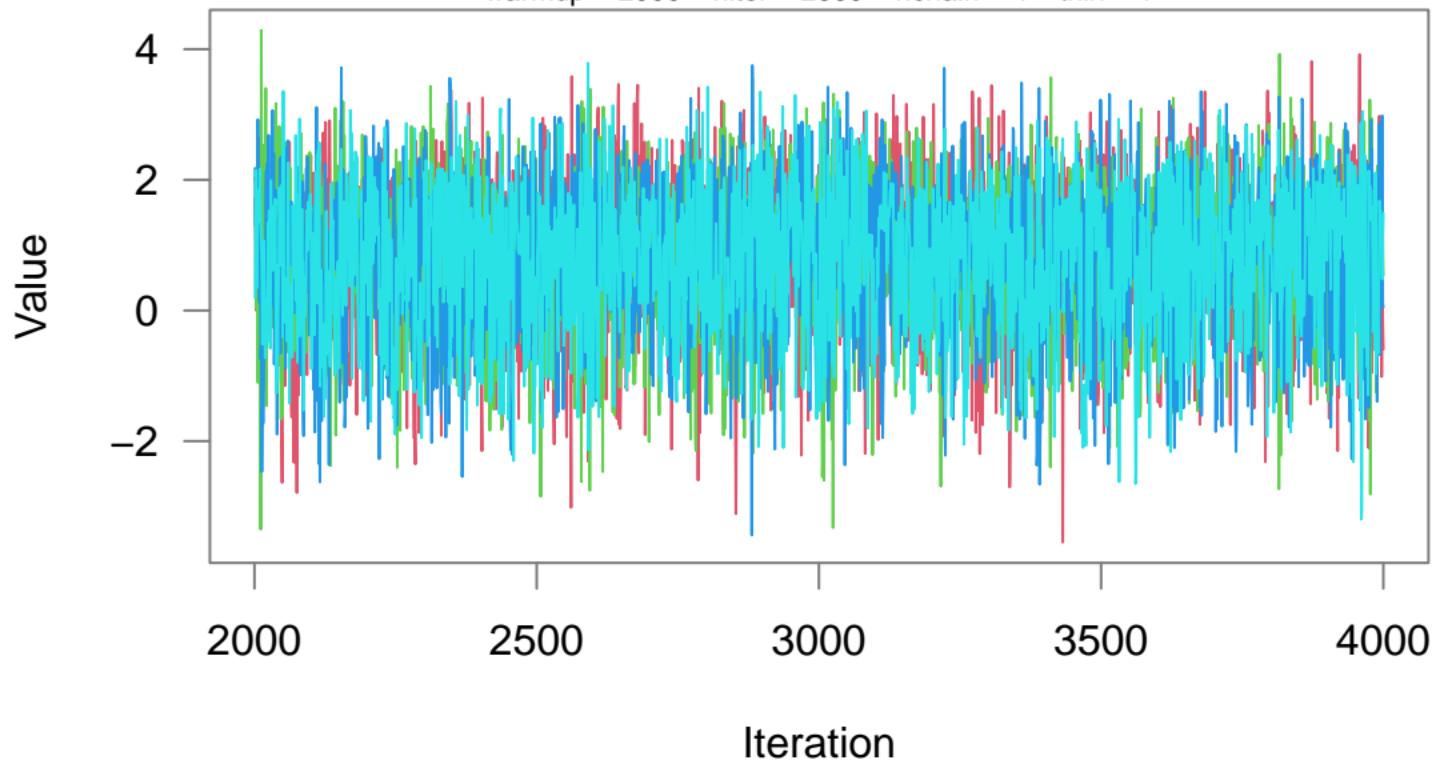
z_4[1,87]

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



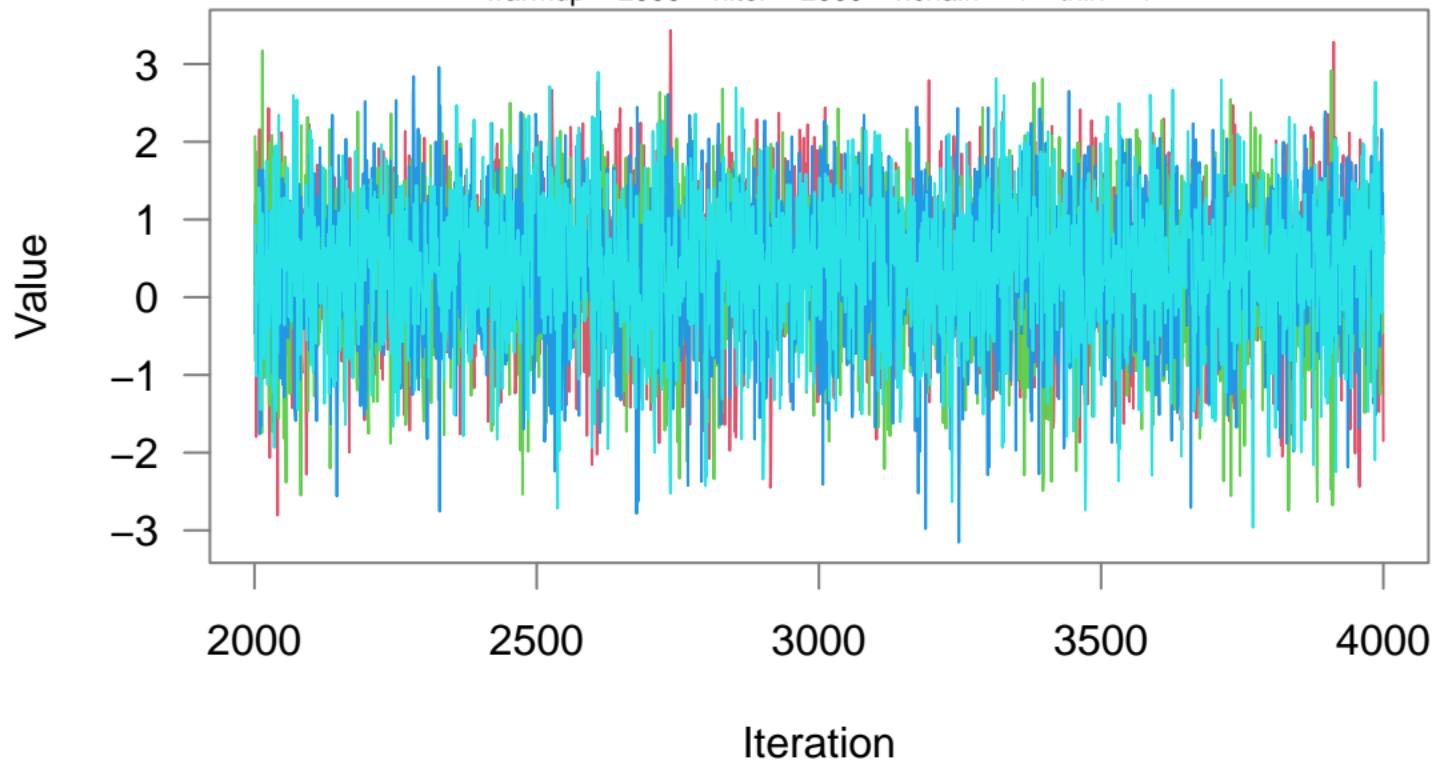
z_4[1,88]

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



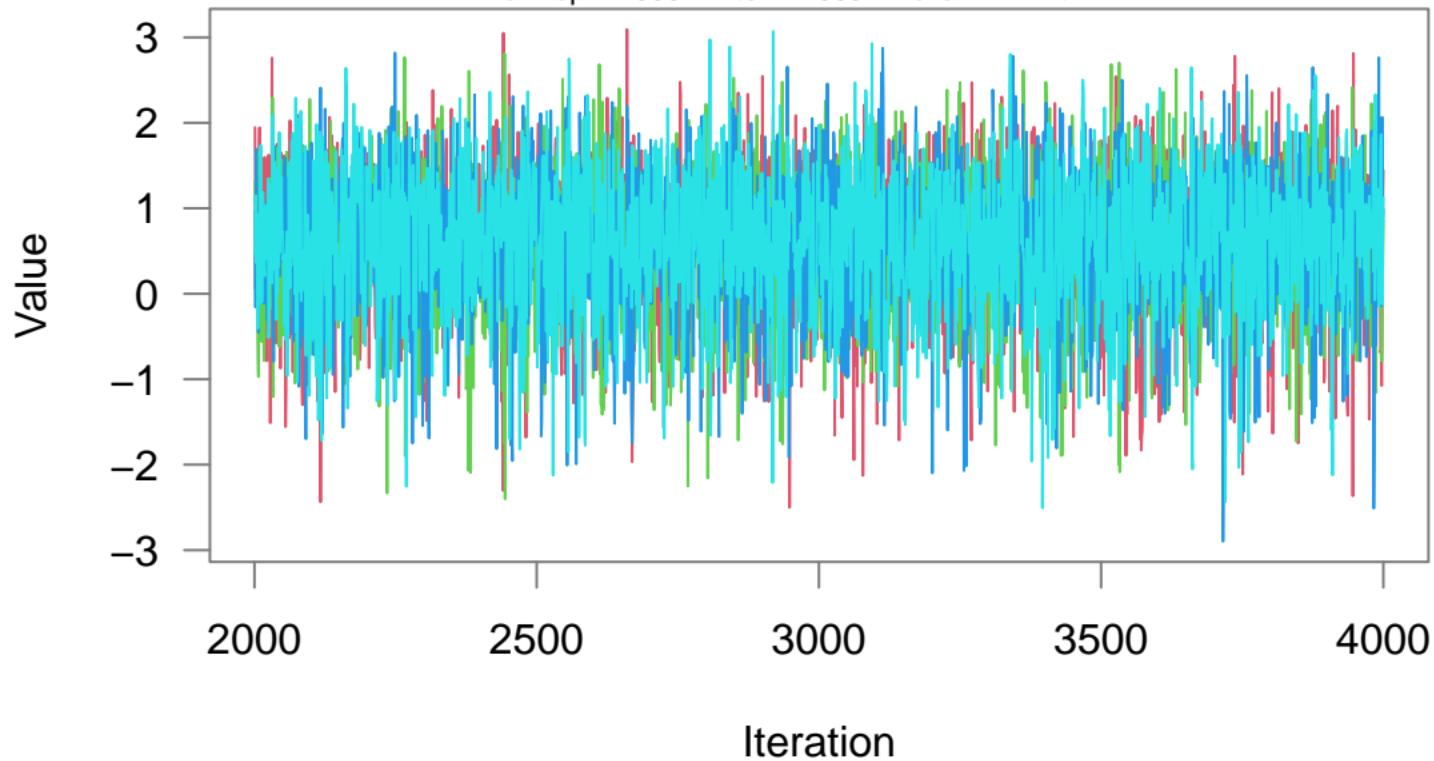
z_4[1,89]

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



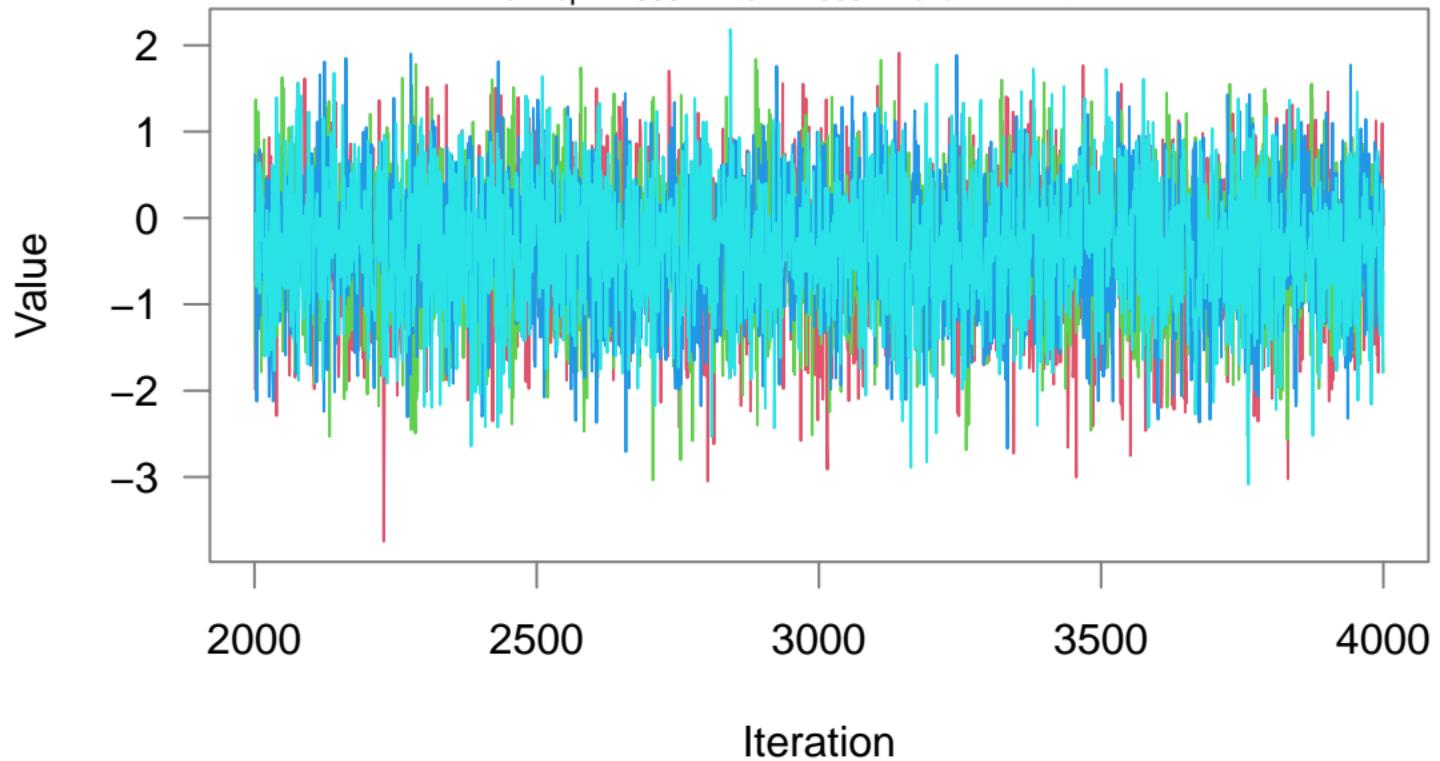
z_4[1,90]

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



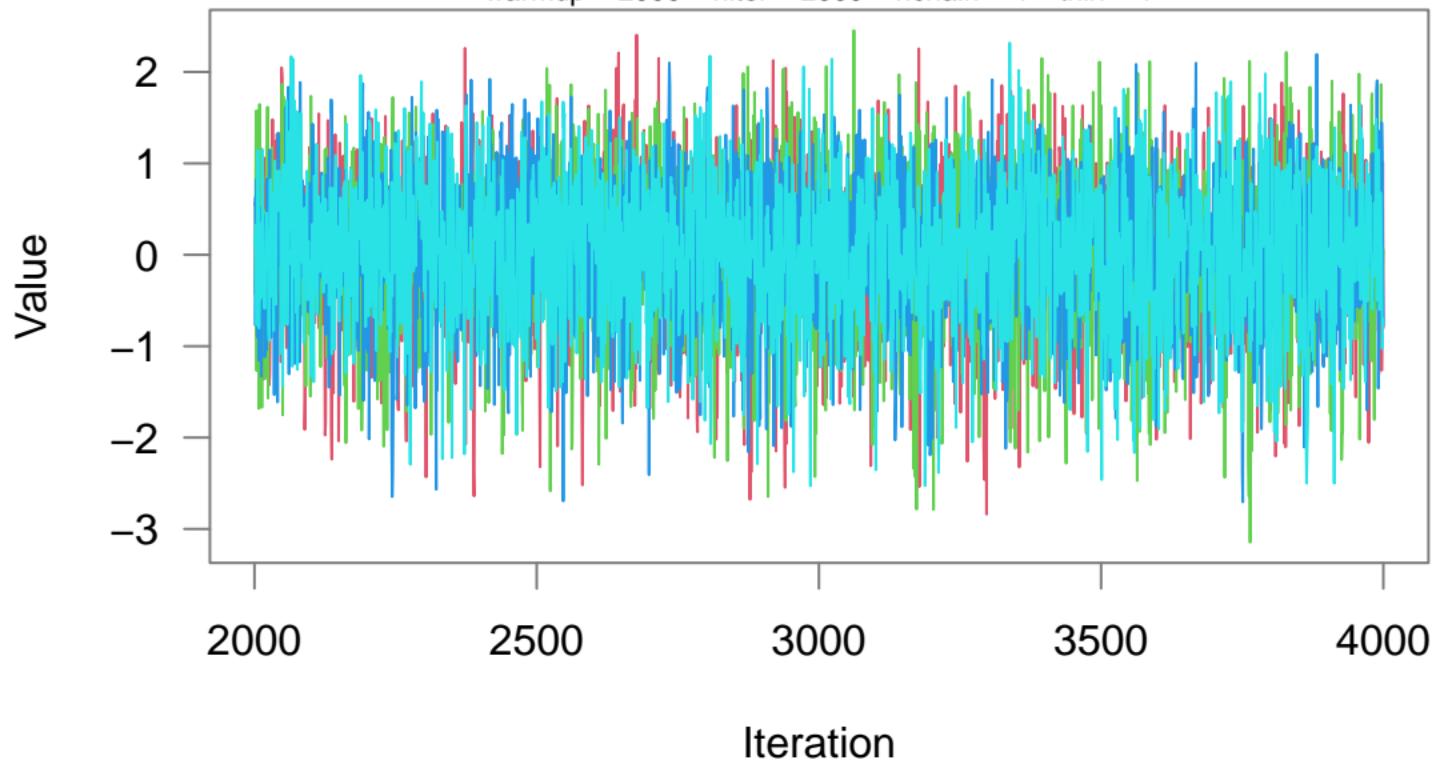
z_4[1,91]

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



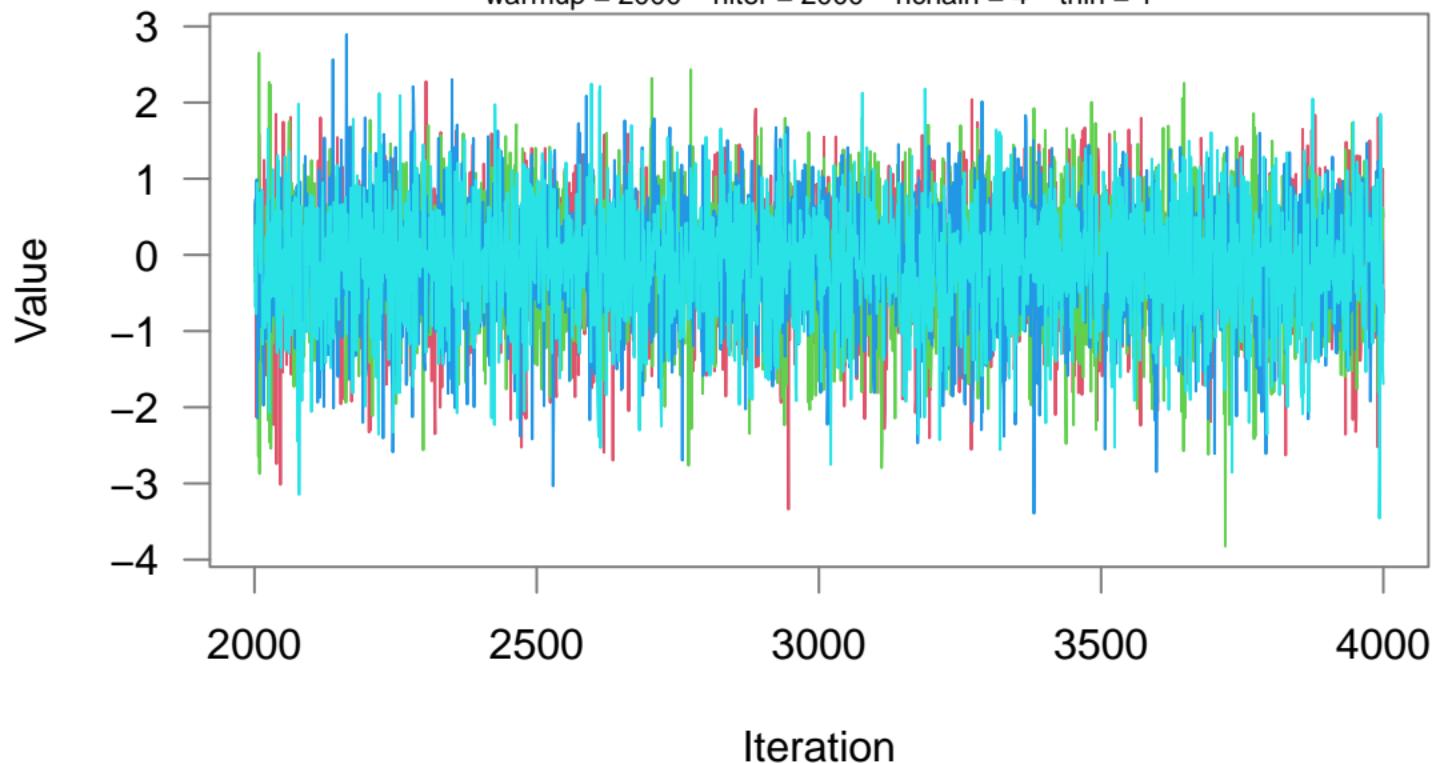
z_4[1,92]

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



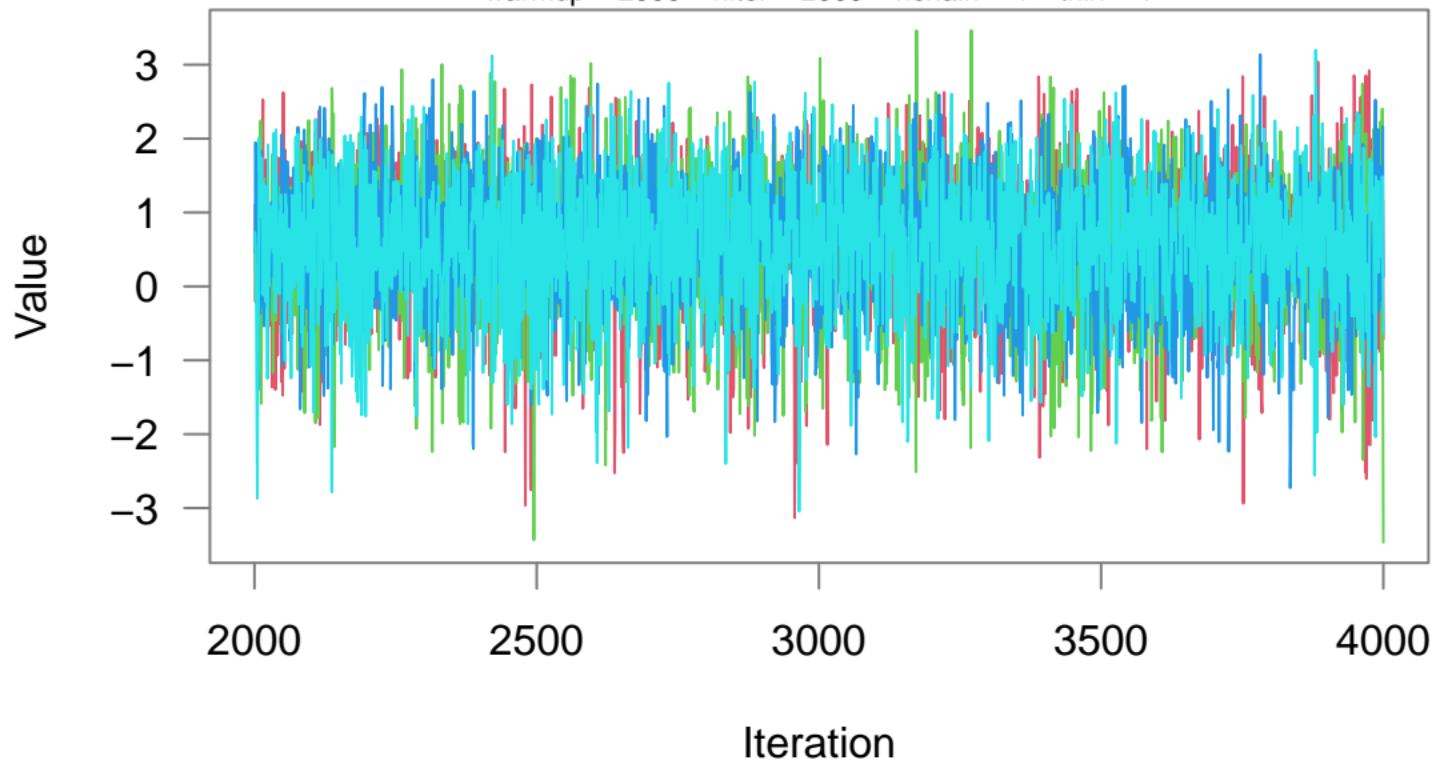
z_4[1,93]

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



z_4[1,94]

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



z_4[1,95]

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

