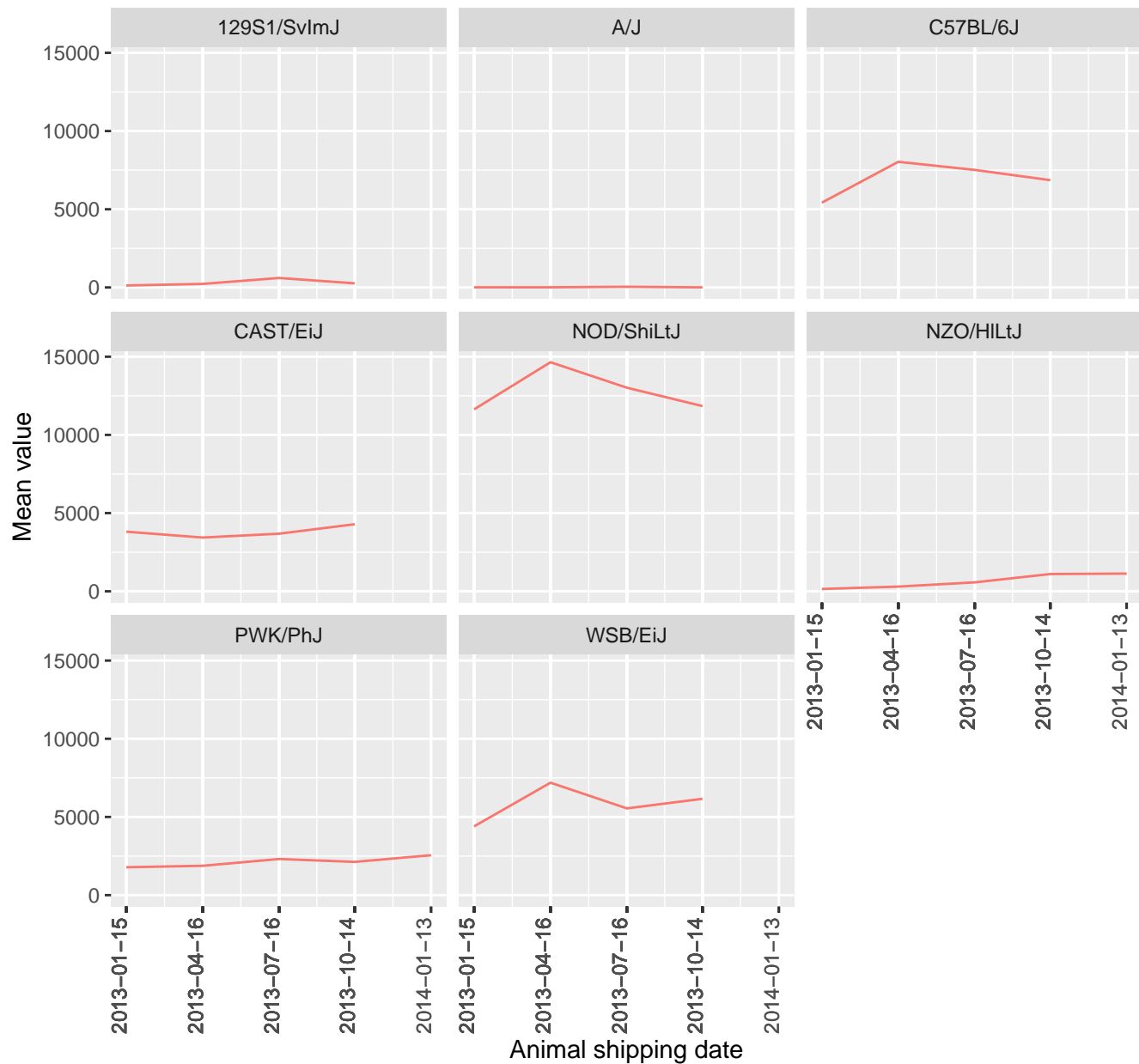


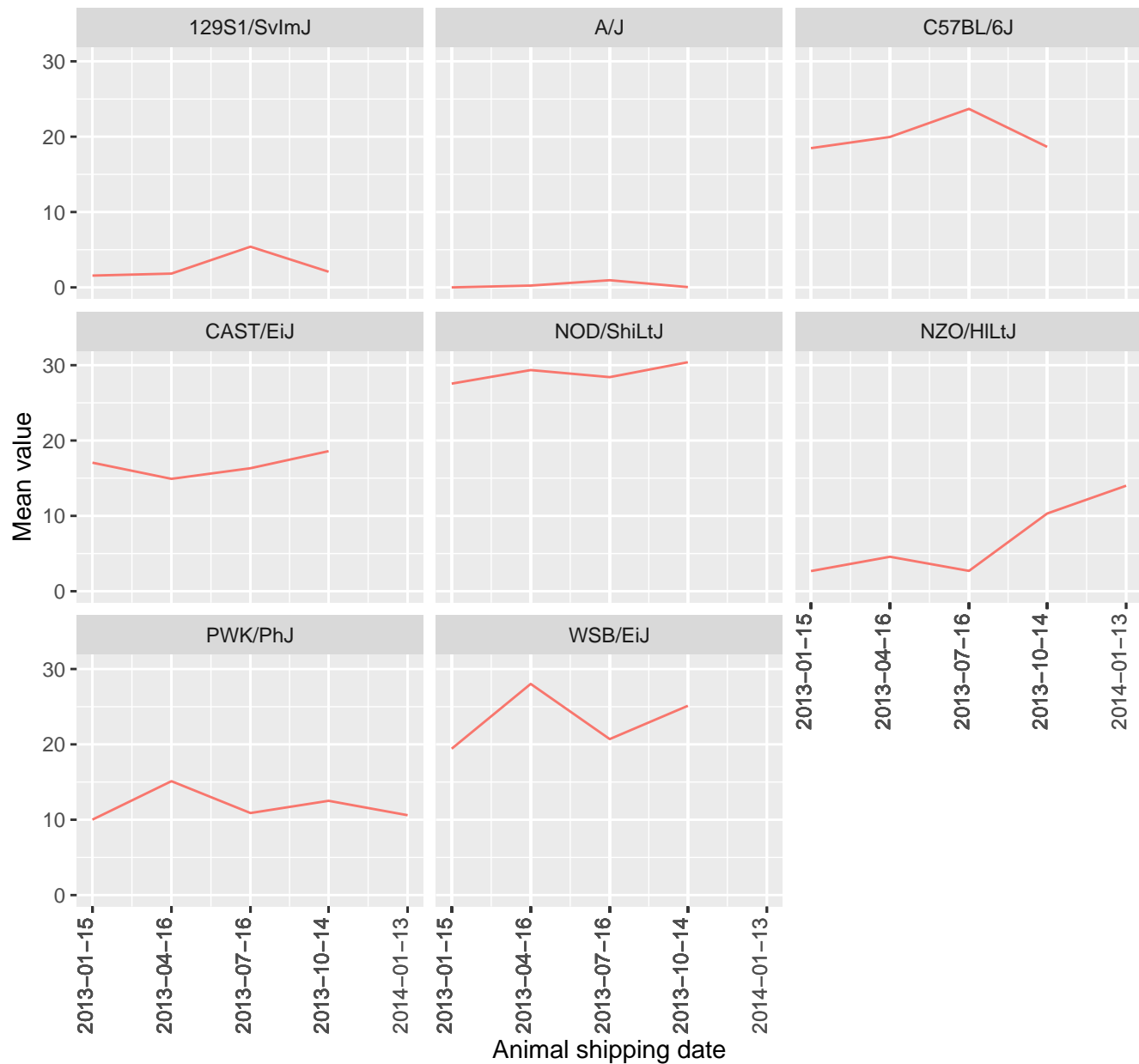
Procedure: GMC01
Parameter: center_distance

Figure S4



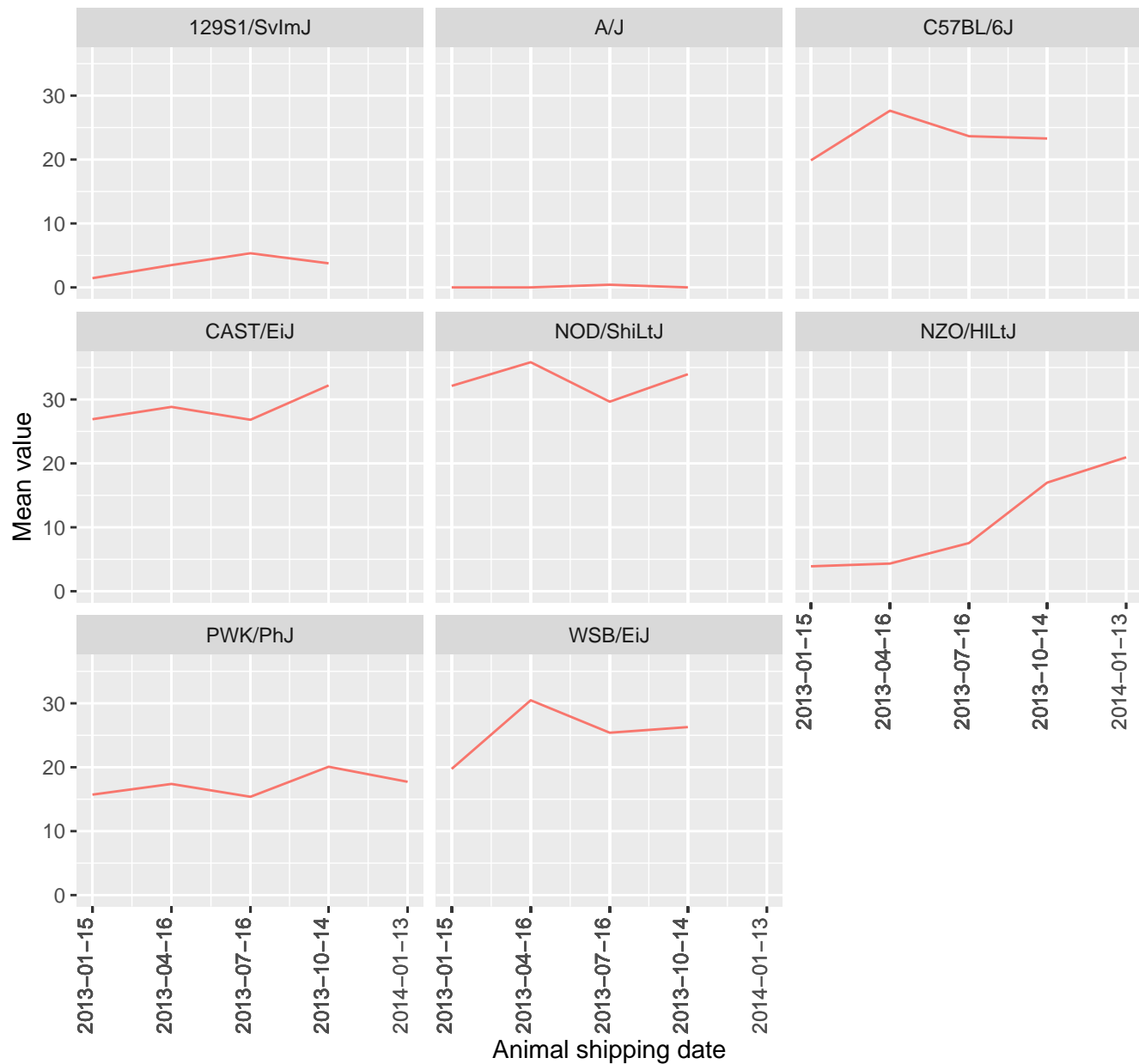
Procedure: GMC01

Parameter: center_distance_1



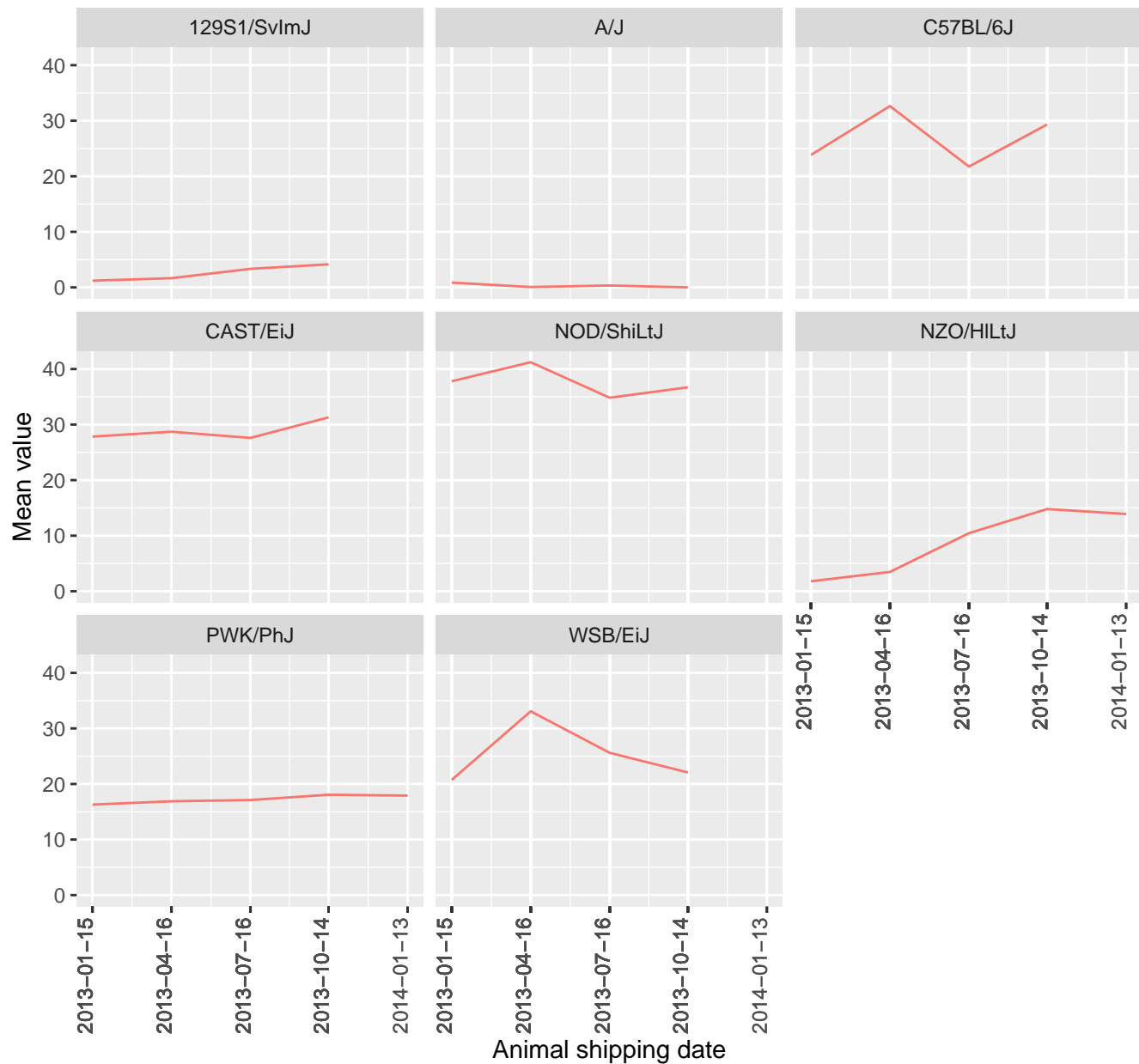
Procedure: GMC01

Parameter: center_distance_2



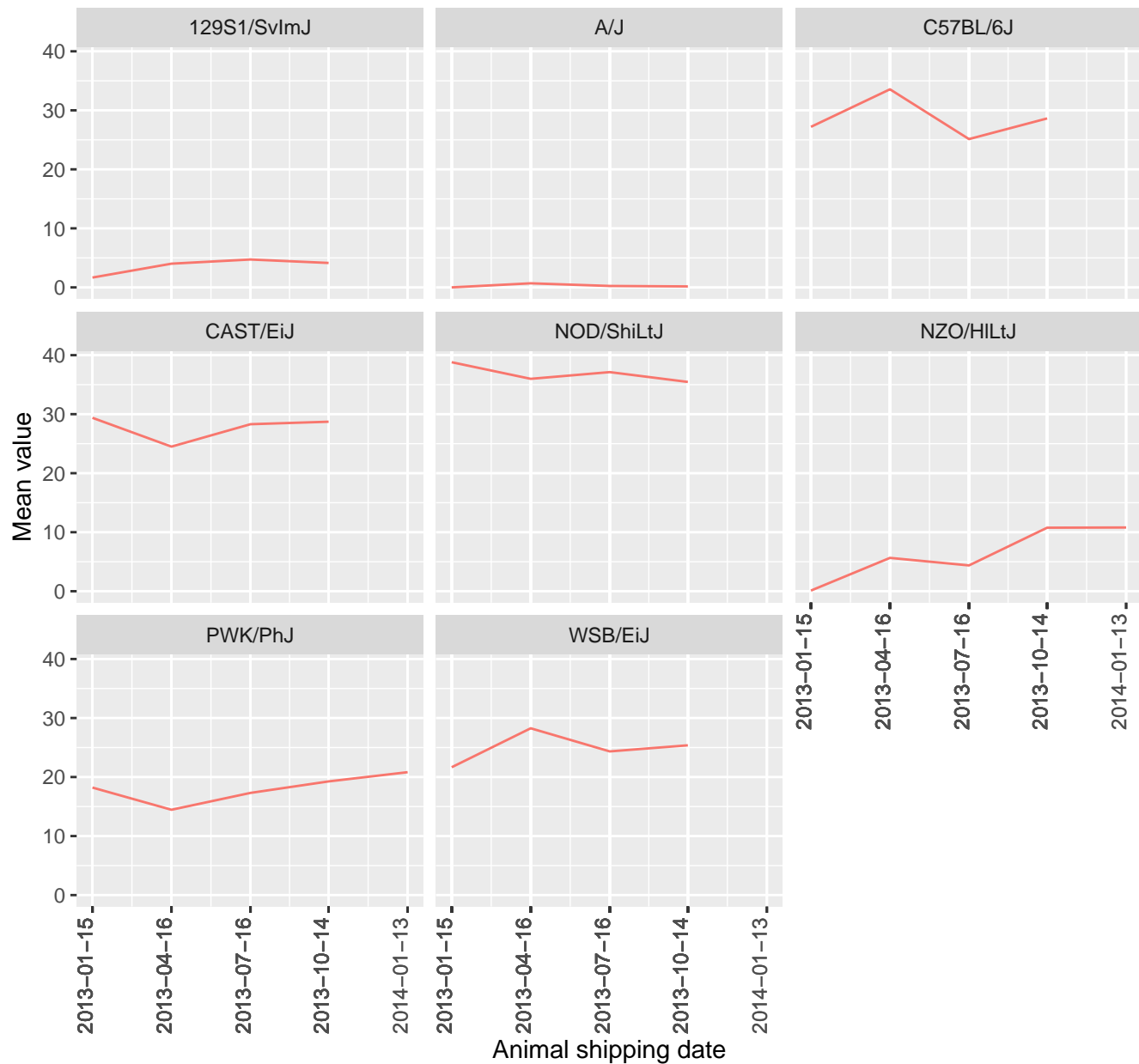
Procedure: GMC01

Parameter: center_distance_3



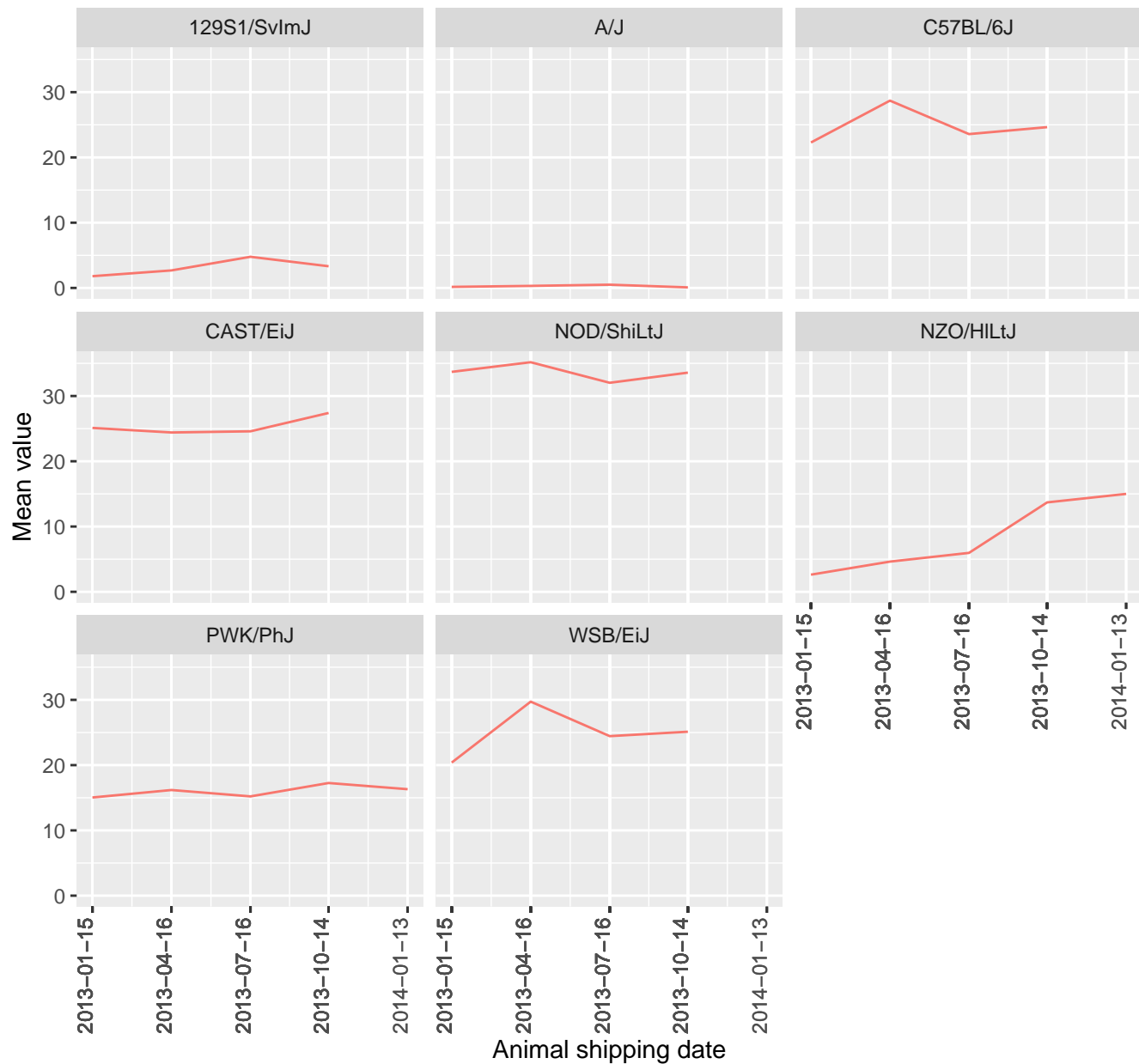
Procedure: GMC01

Parameter: center_distance_4

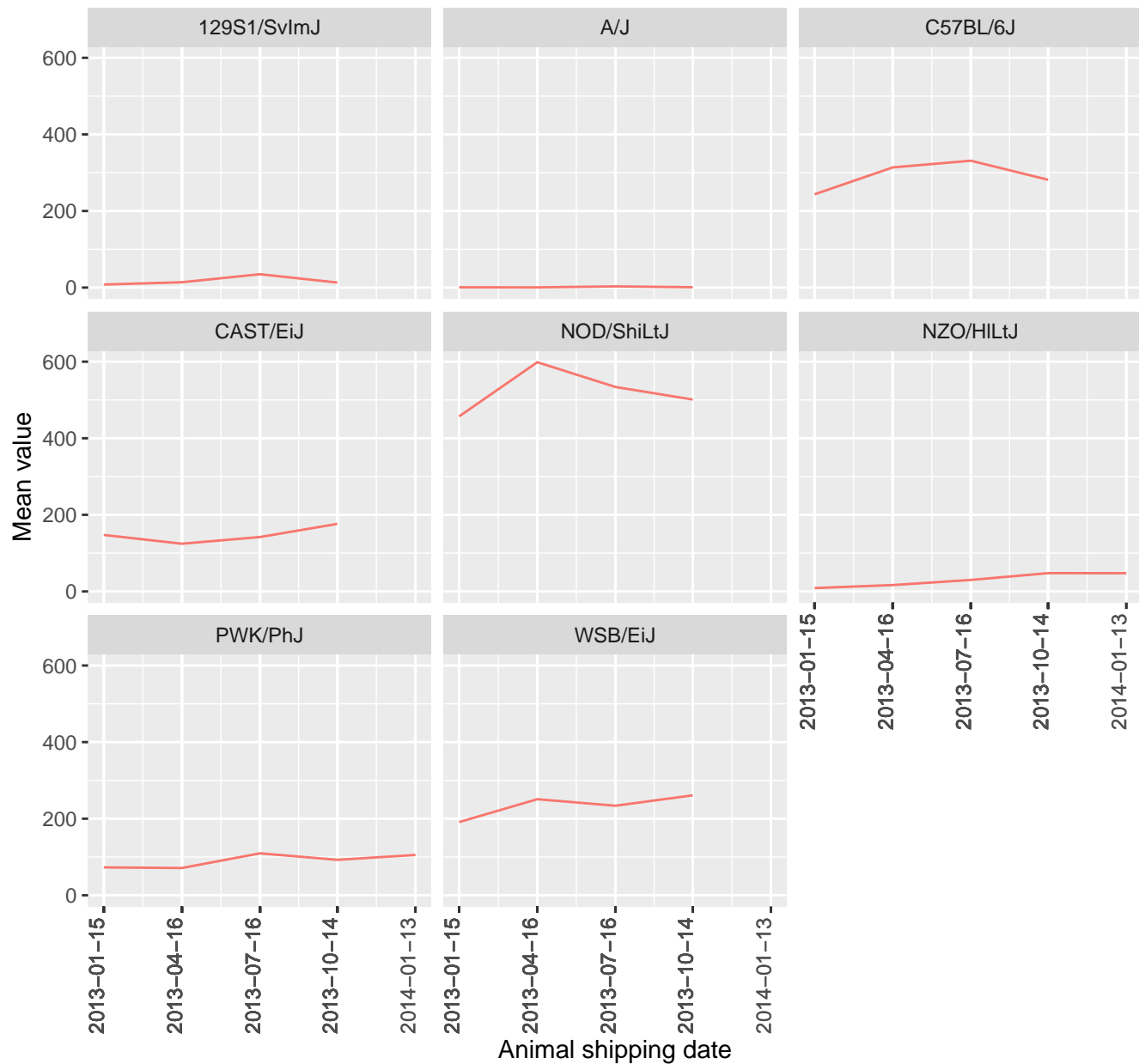


Procedure: GMC01

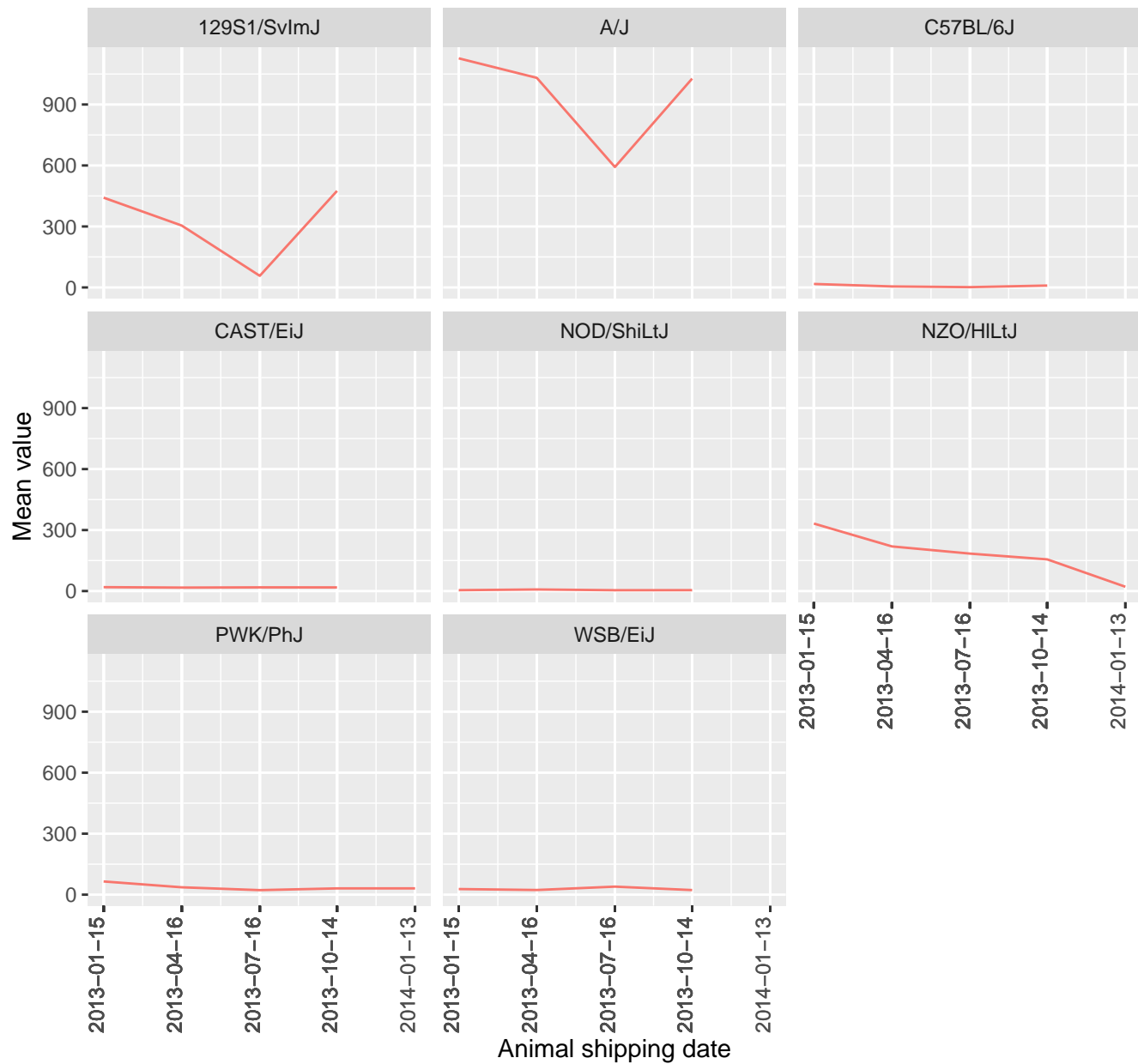
Parameter: center_distance_total



Procedure: GMC01
Parameter: center_entries

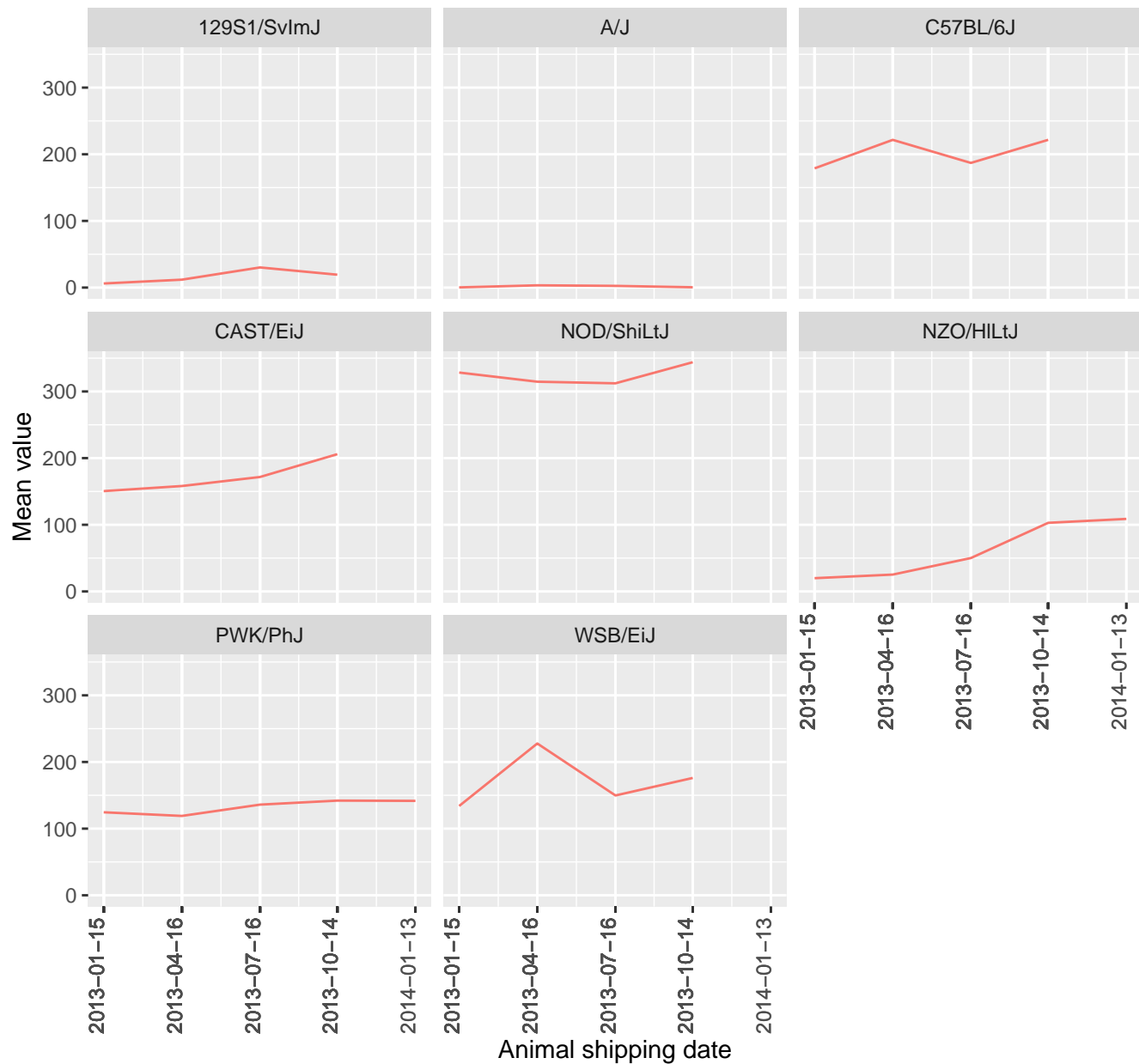


Procedure: GMC01
Parameter: center_latency

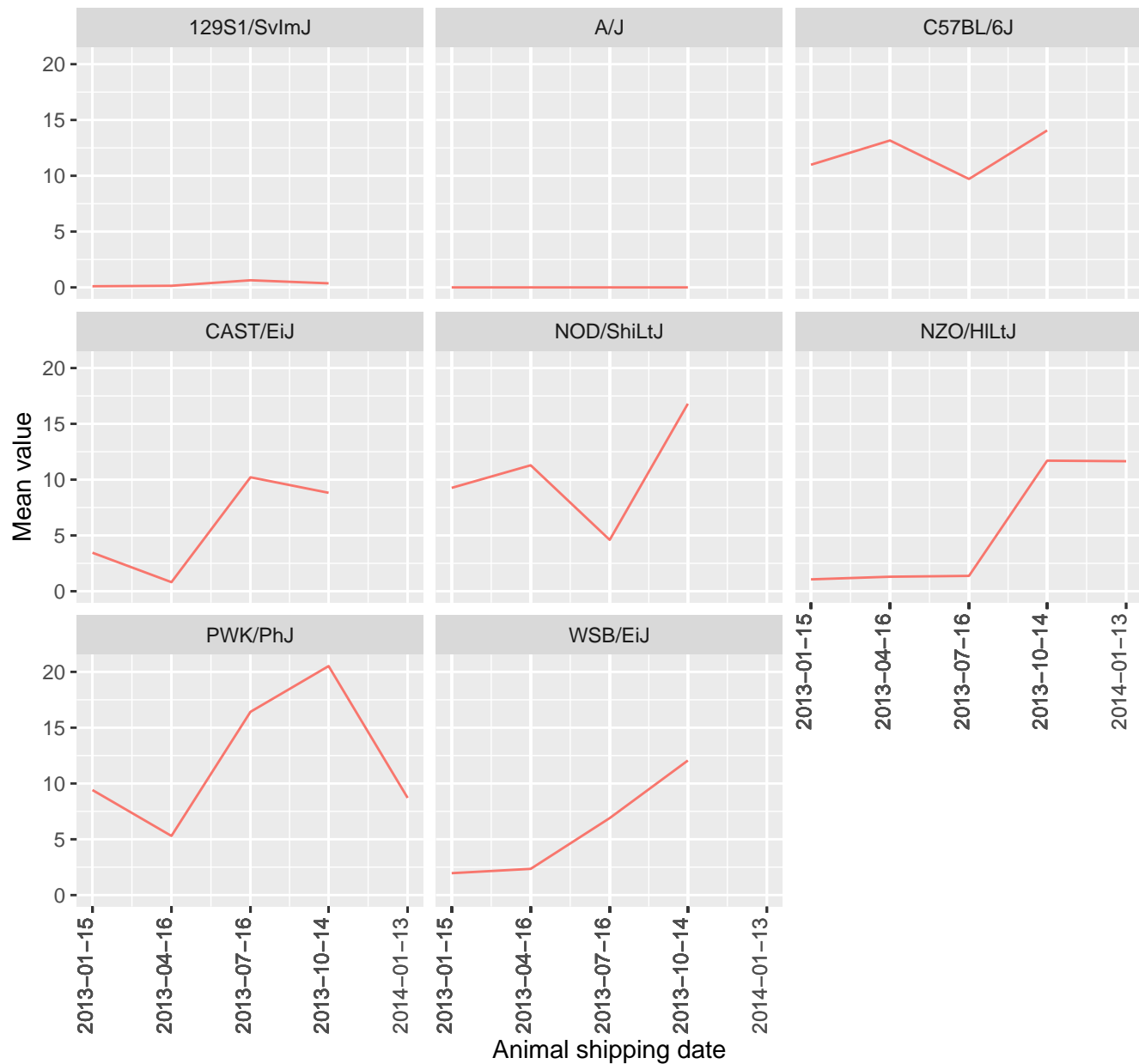


Procedure: GMC01

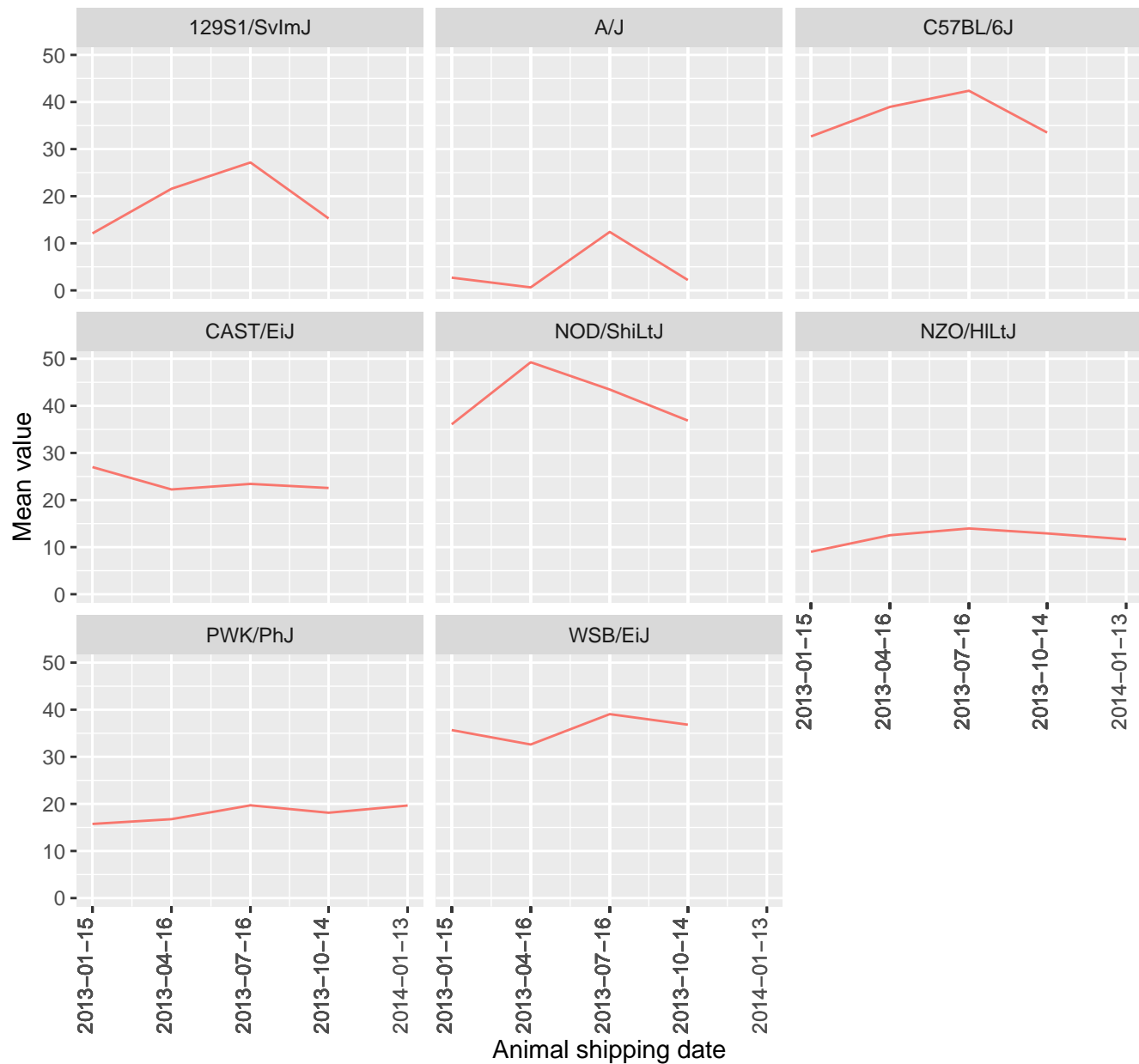
Parameter: center_permanence



Procedure: GMC01
Parameter: center_rest

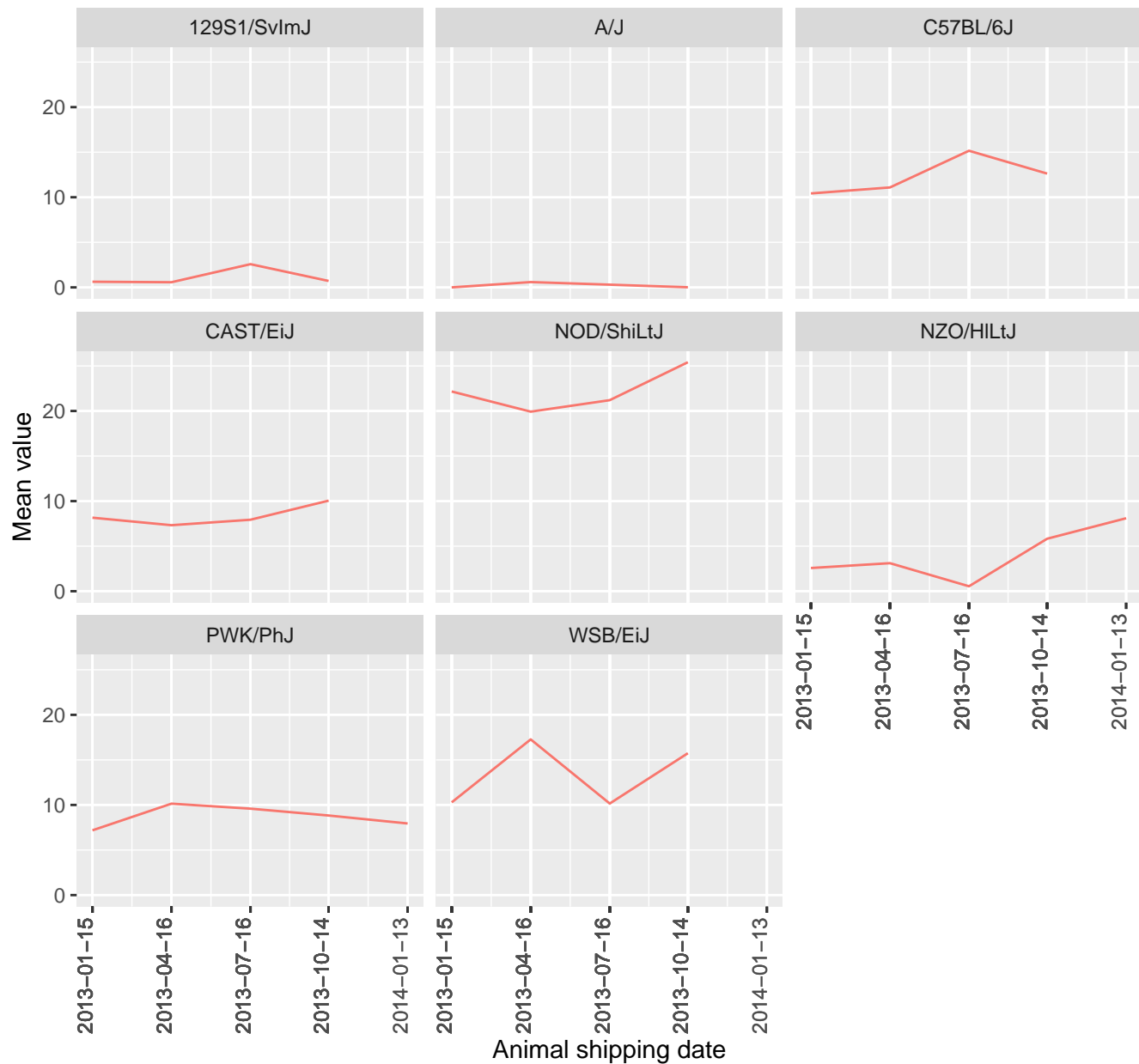


Procedure: GMC01
Parameter: center_speed



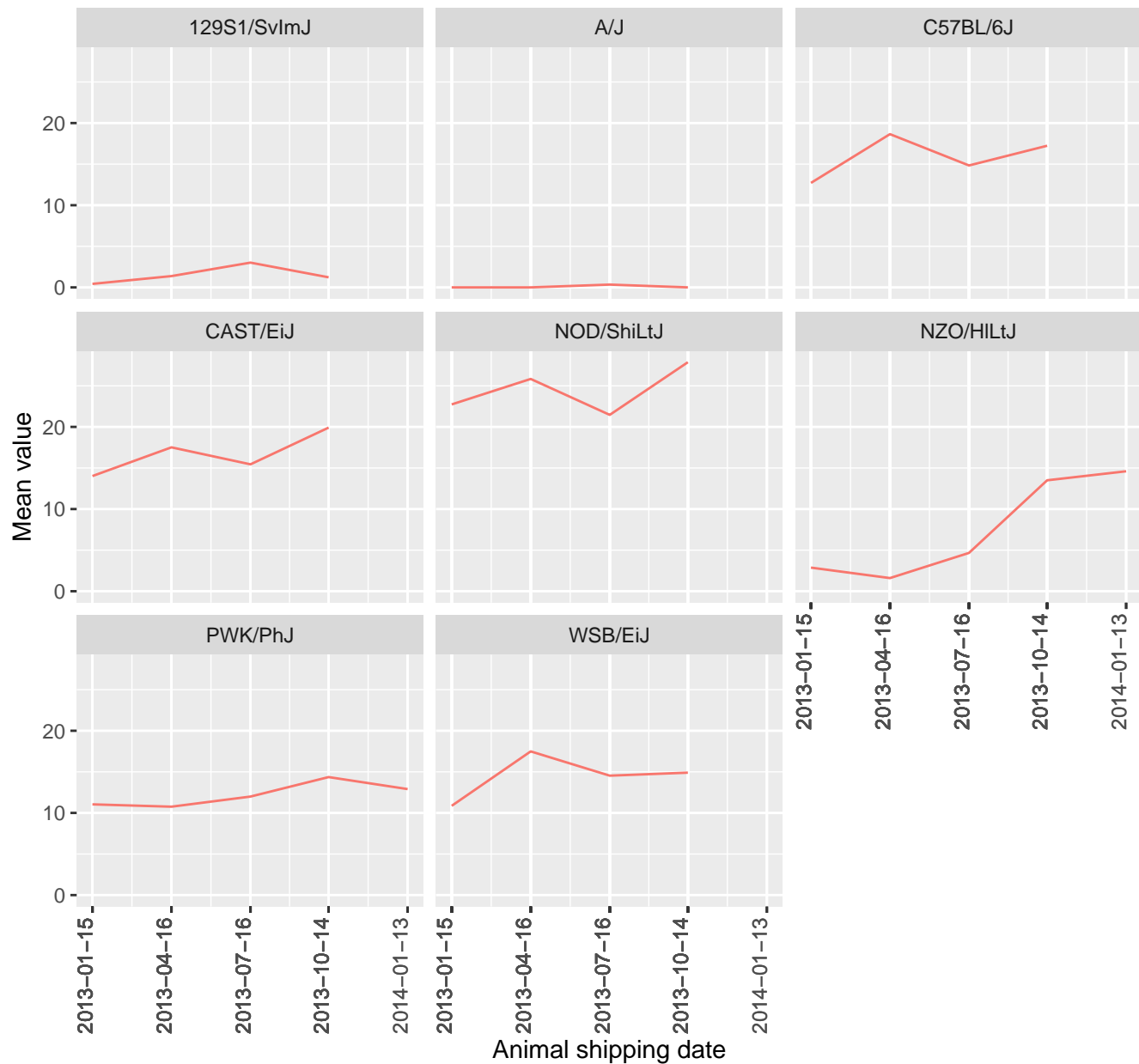
Procedure: GMC01

Parameter: center_time_1



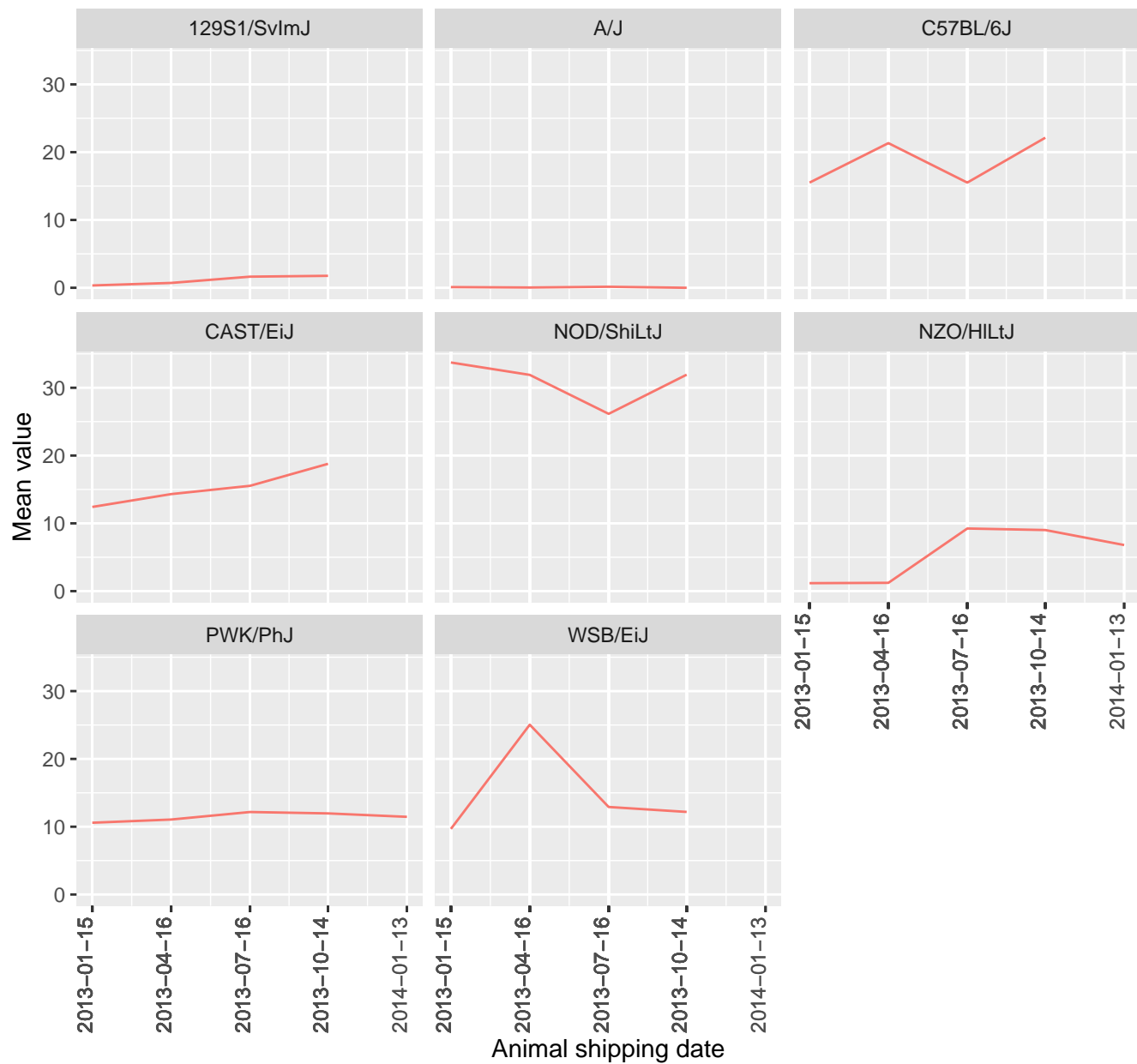
Procedure: GMC01

Parameter: center_time_2

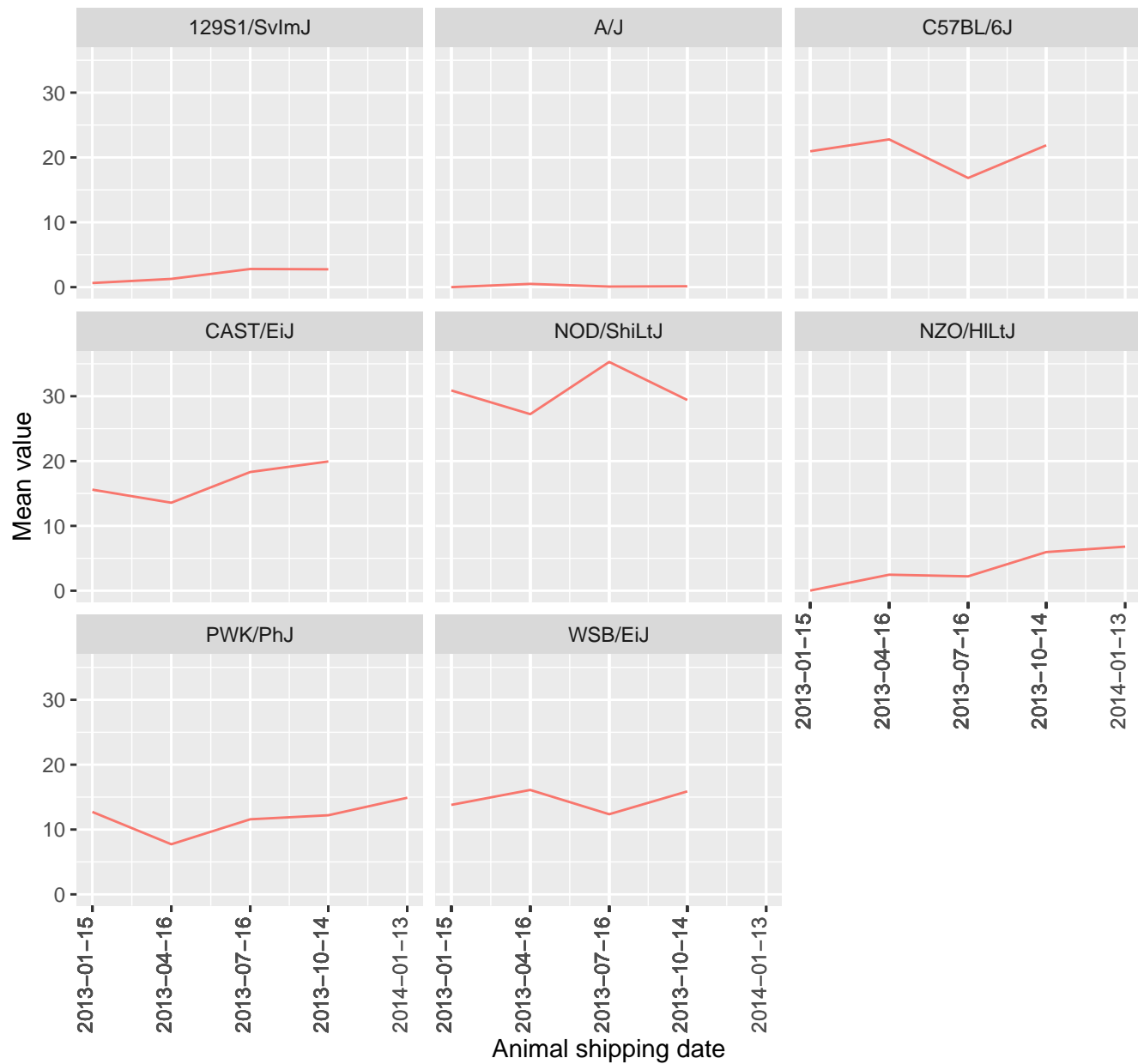


Procedure: GMC01

Parameter: center_time_3

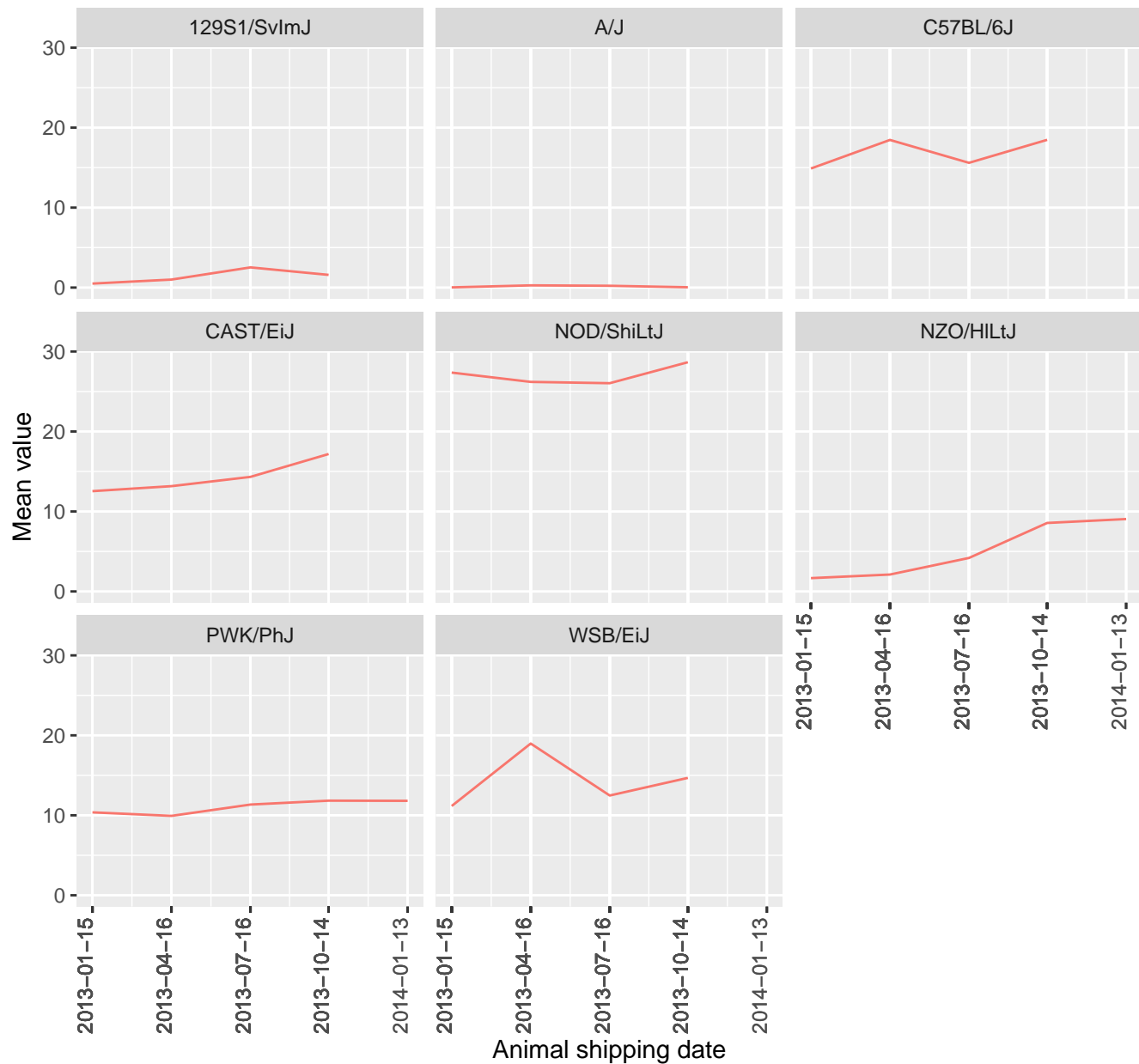


Procedure: GMC01
Parameter: center_time_4

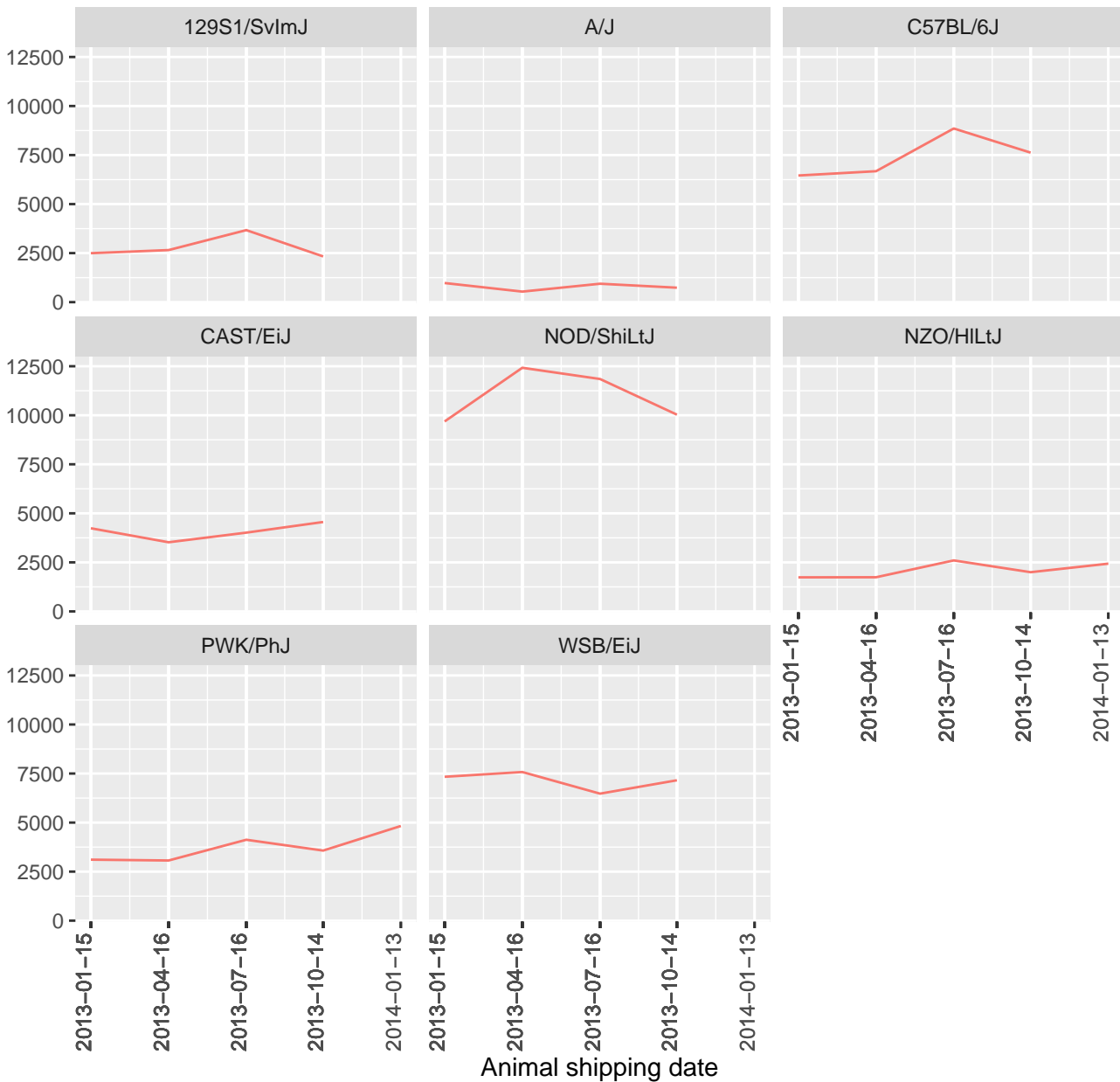


Procedure: GMC01

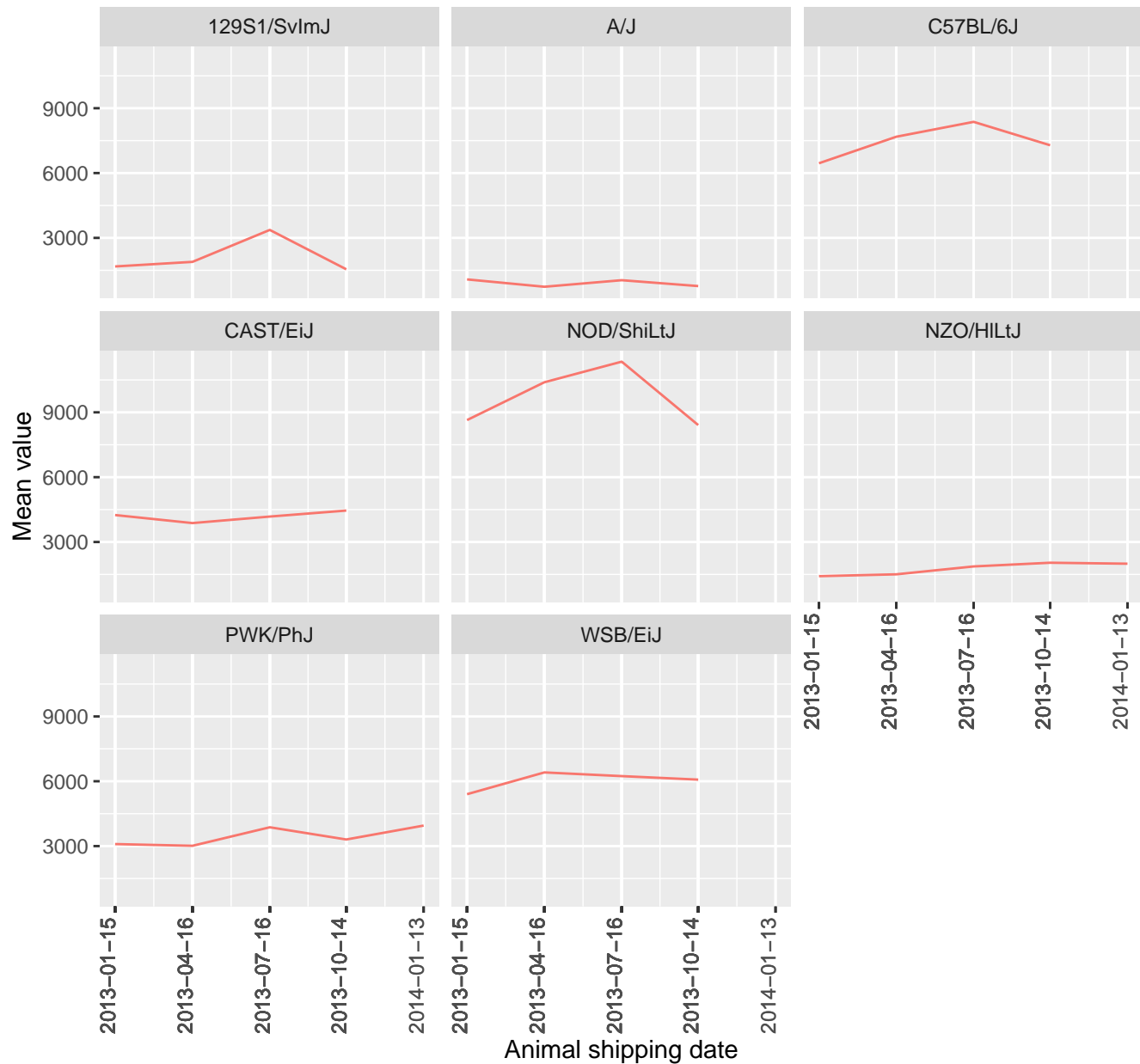
Parameter: center_time_total



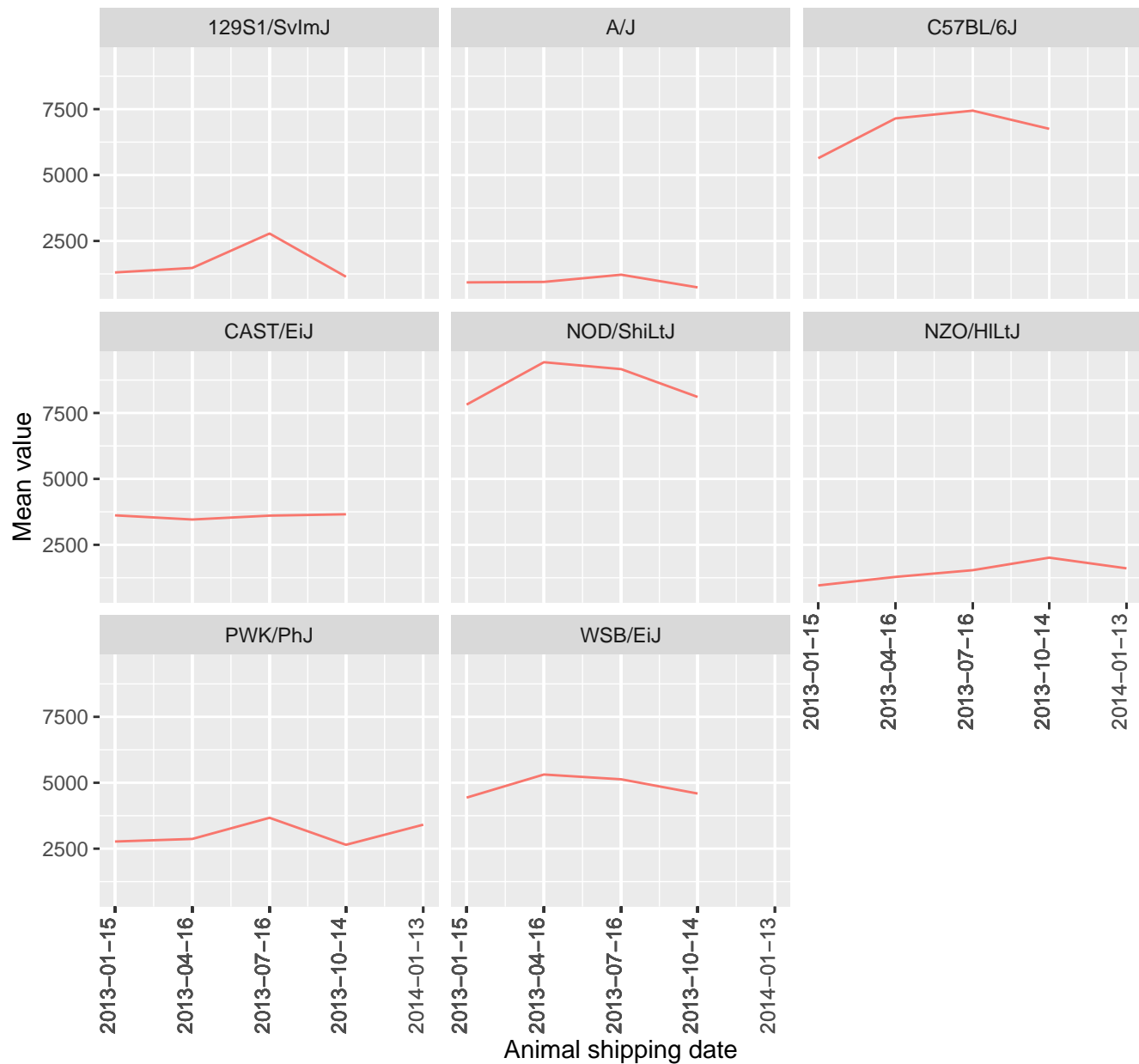
Procedure: GMC01
Parameter: distance_1



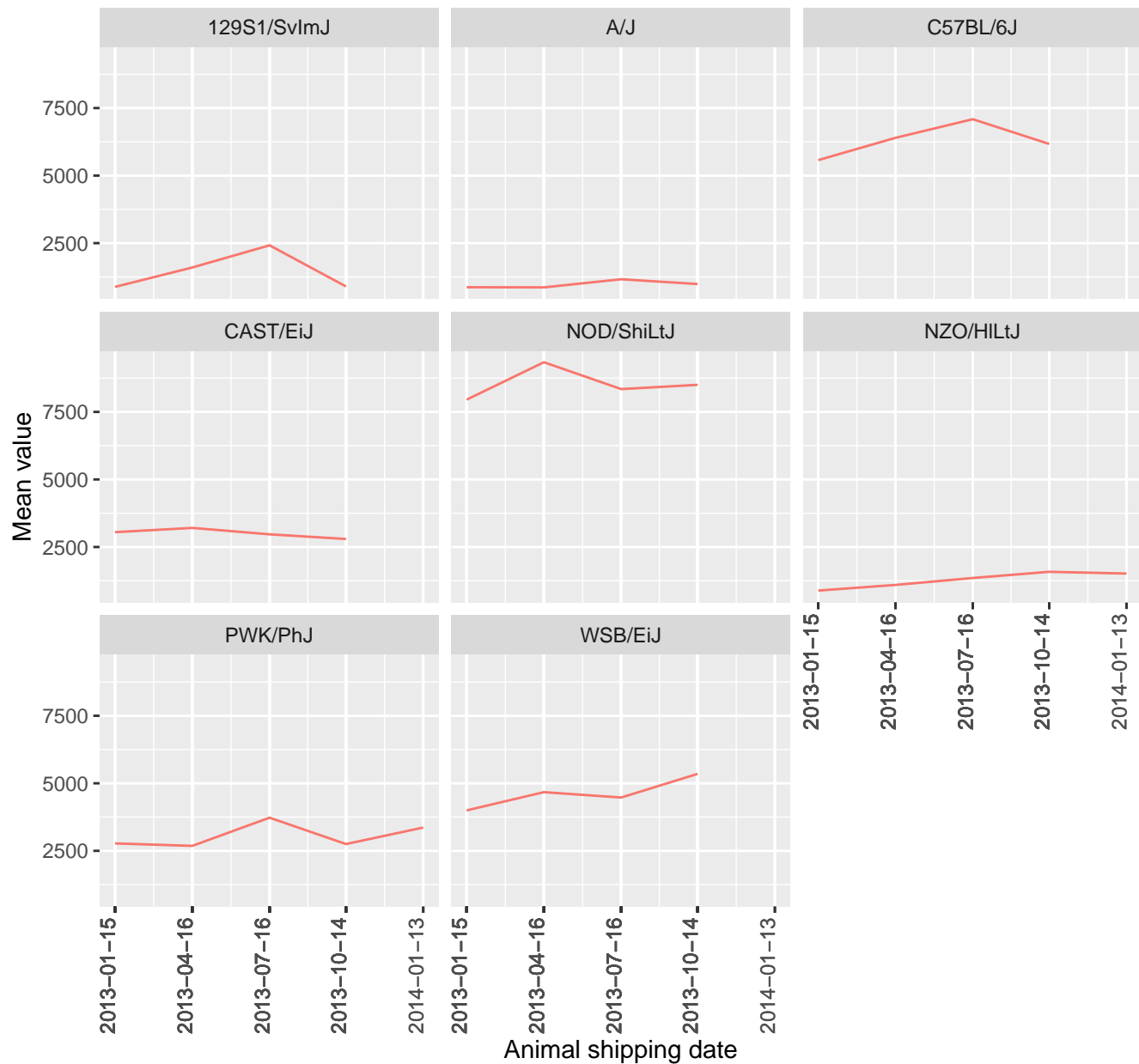
Procedure: GMC01
Parameter: distance_2



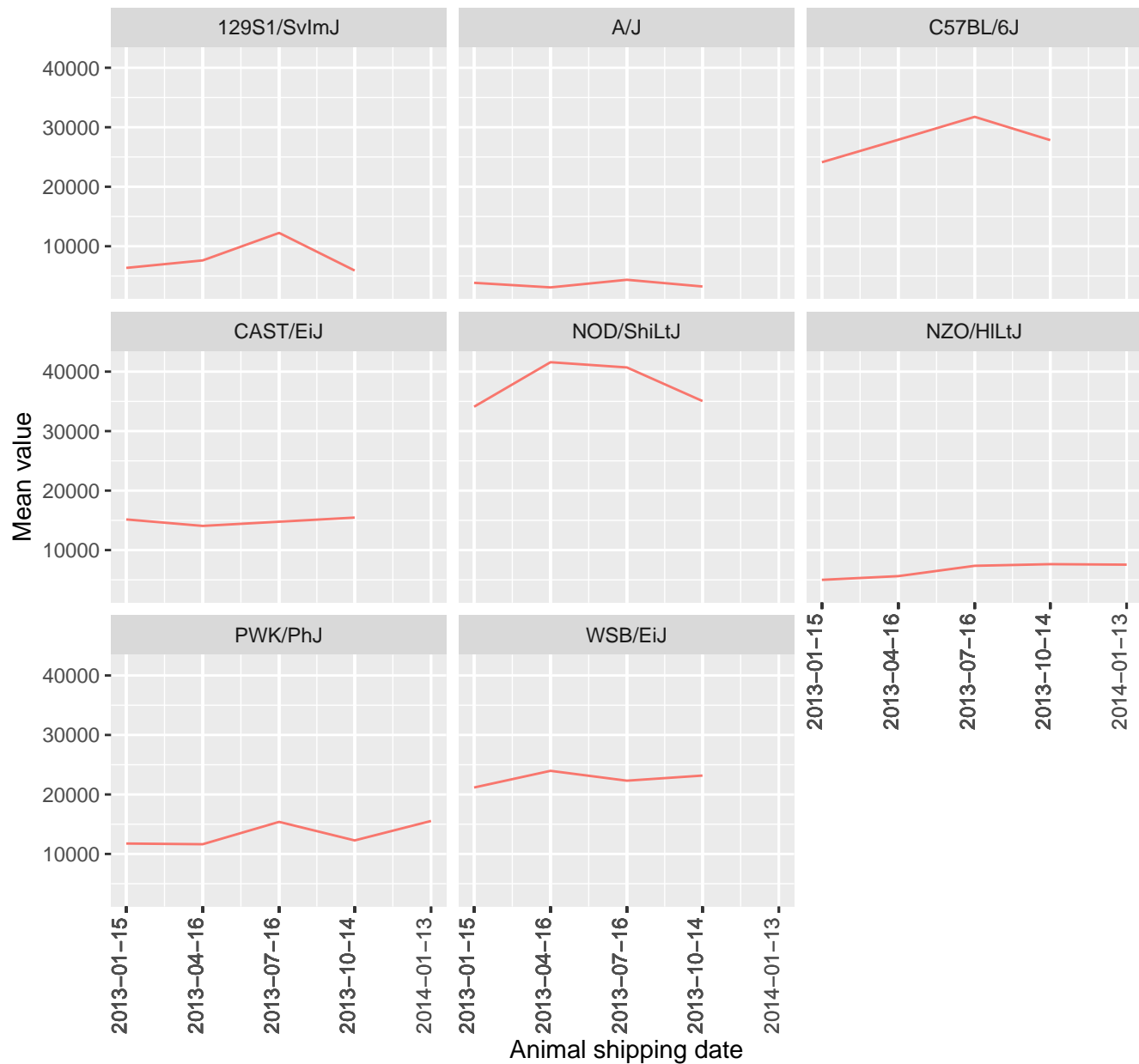
Procedure: GMC01
Parameter: distance_3



Procedure: GMC01
Parameter: distance_4

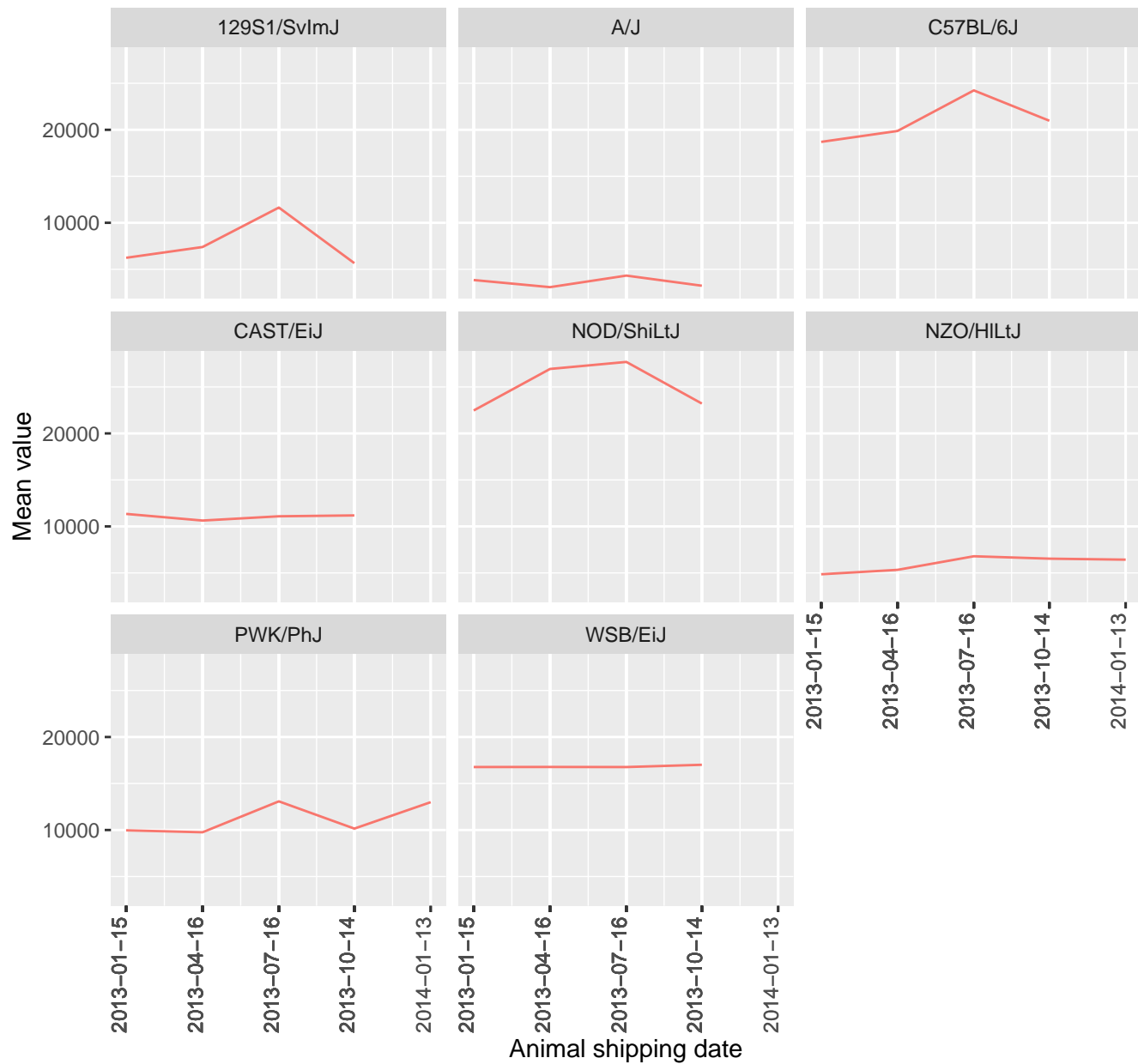


Procedure: GMC01
Parameter: distance_total



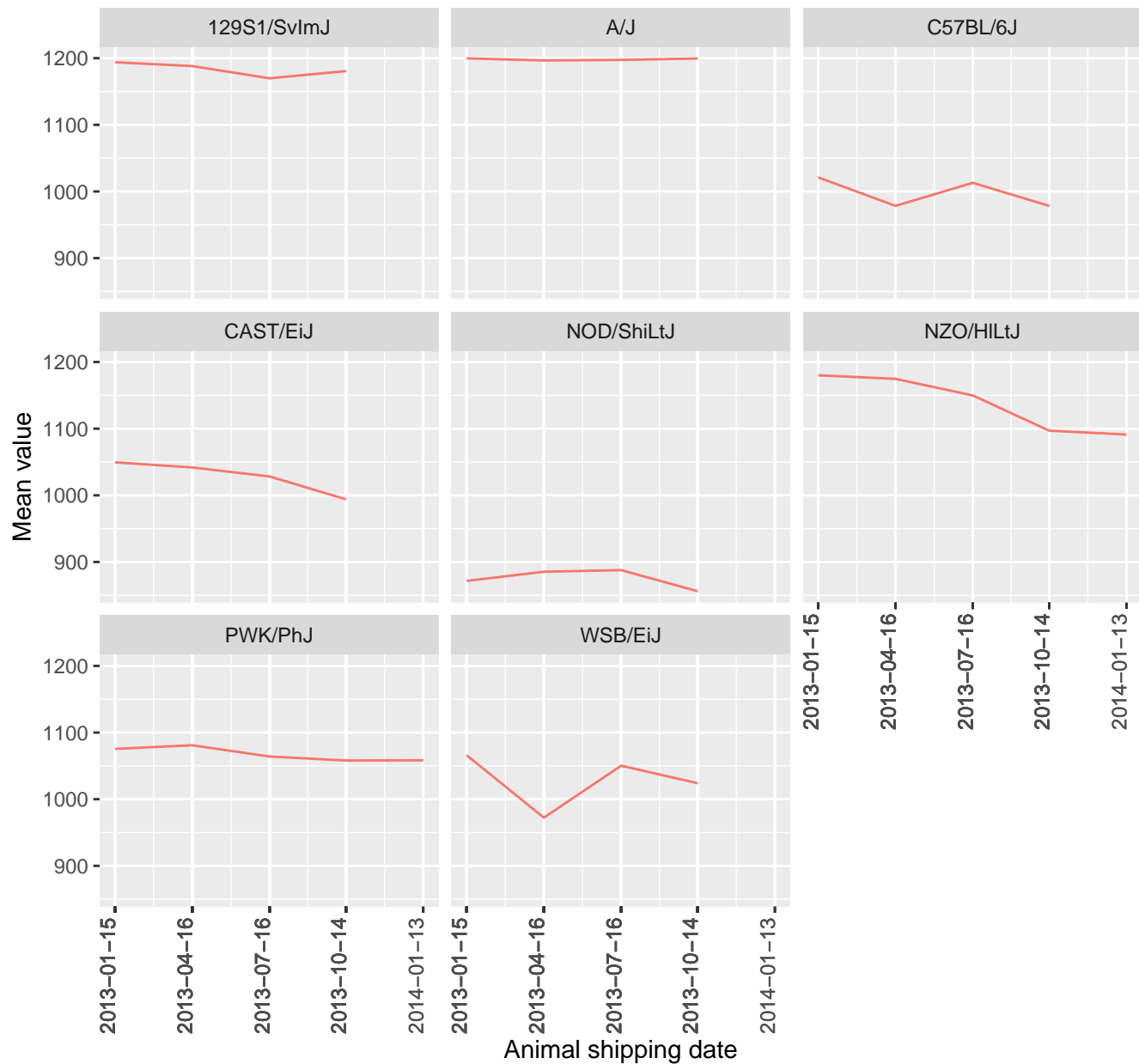
Procedure: GMC01

Parameter: periphery_distance

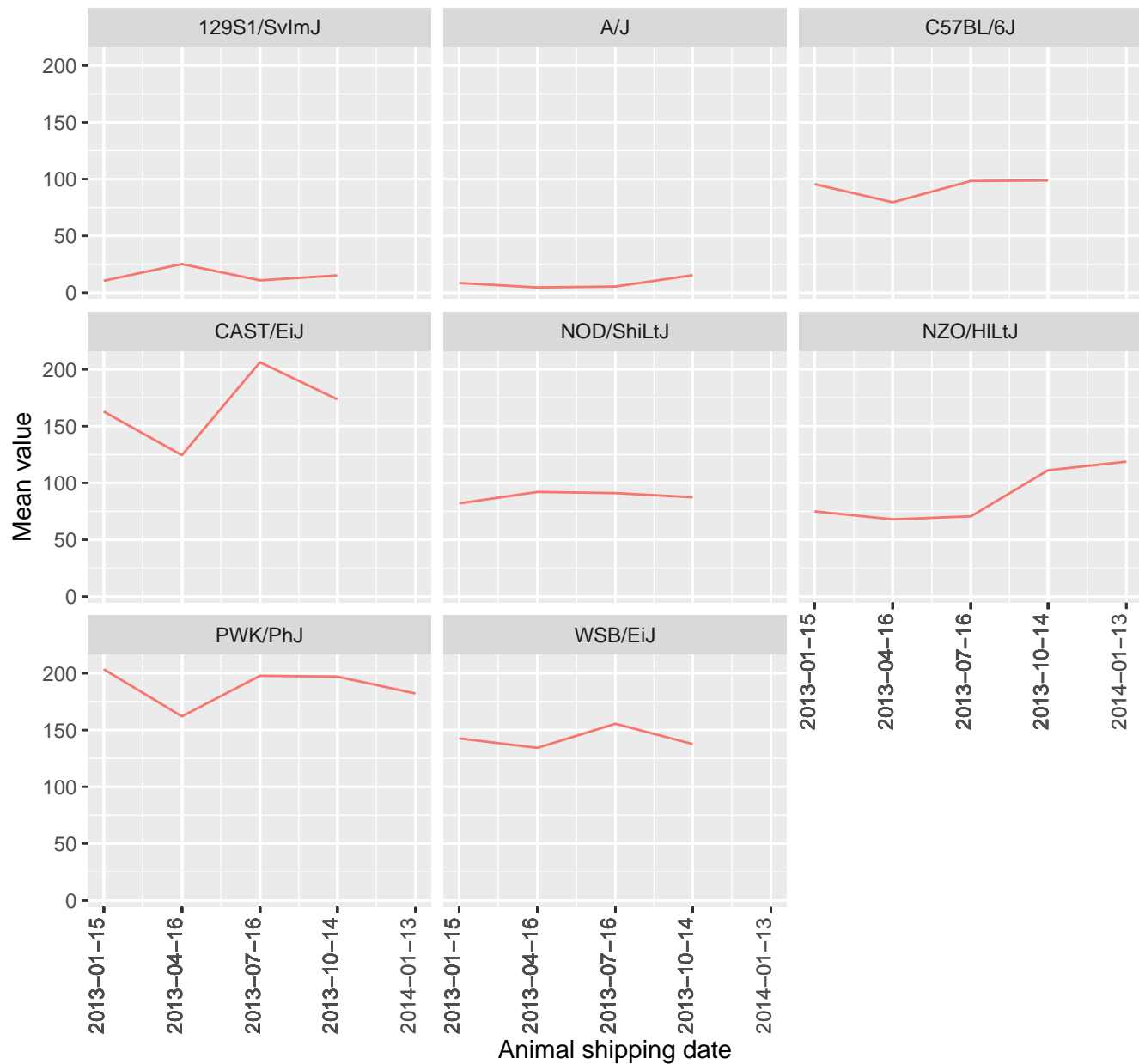


Procedure: GMC01

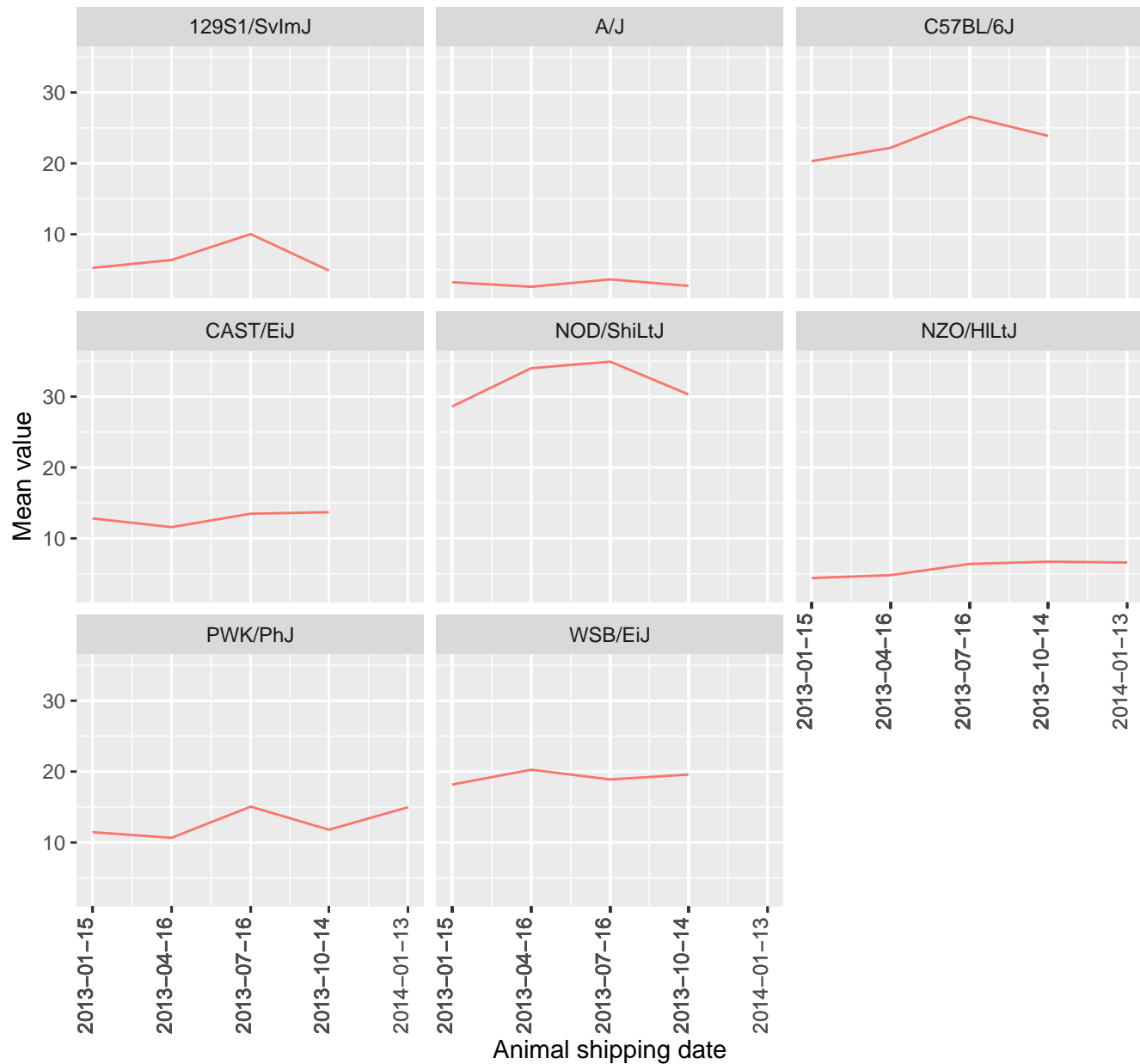
Parameter: periphery_permanence



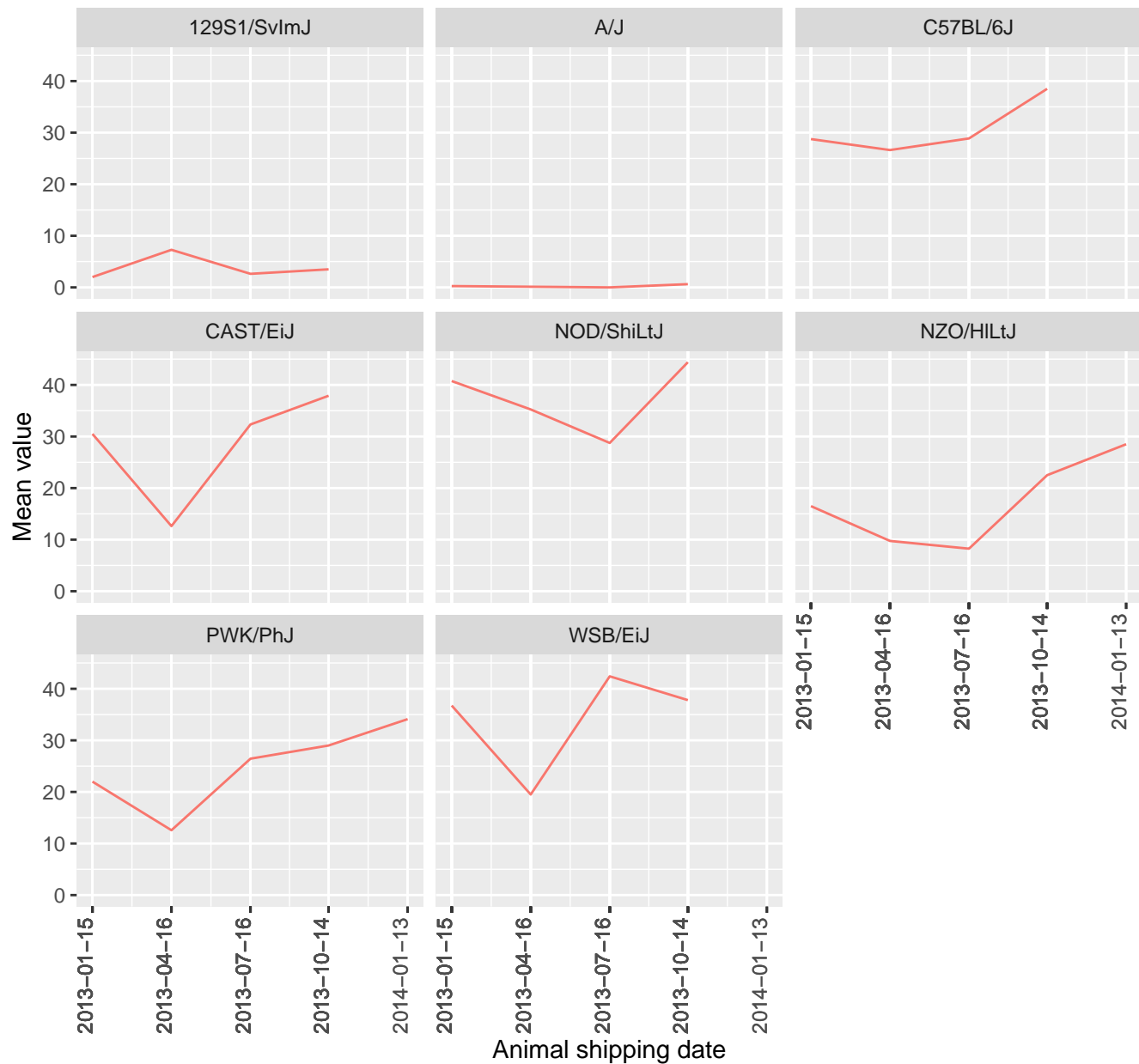
Procedure: GMC01
Parameter: periphery_rest



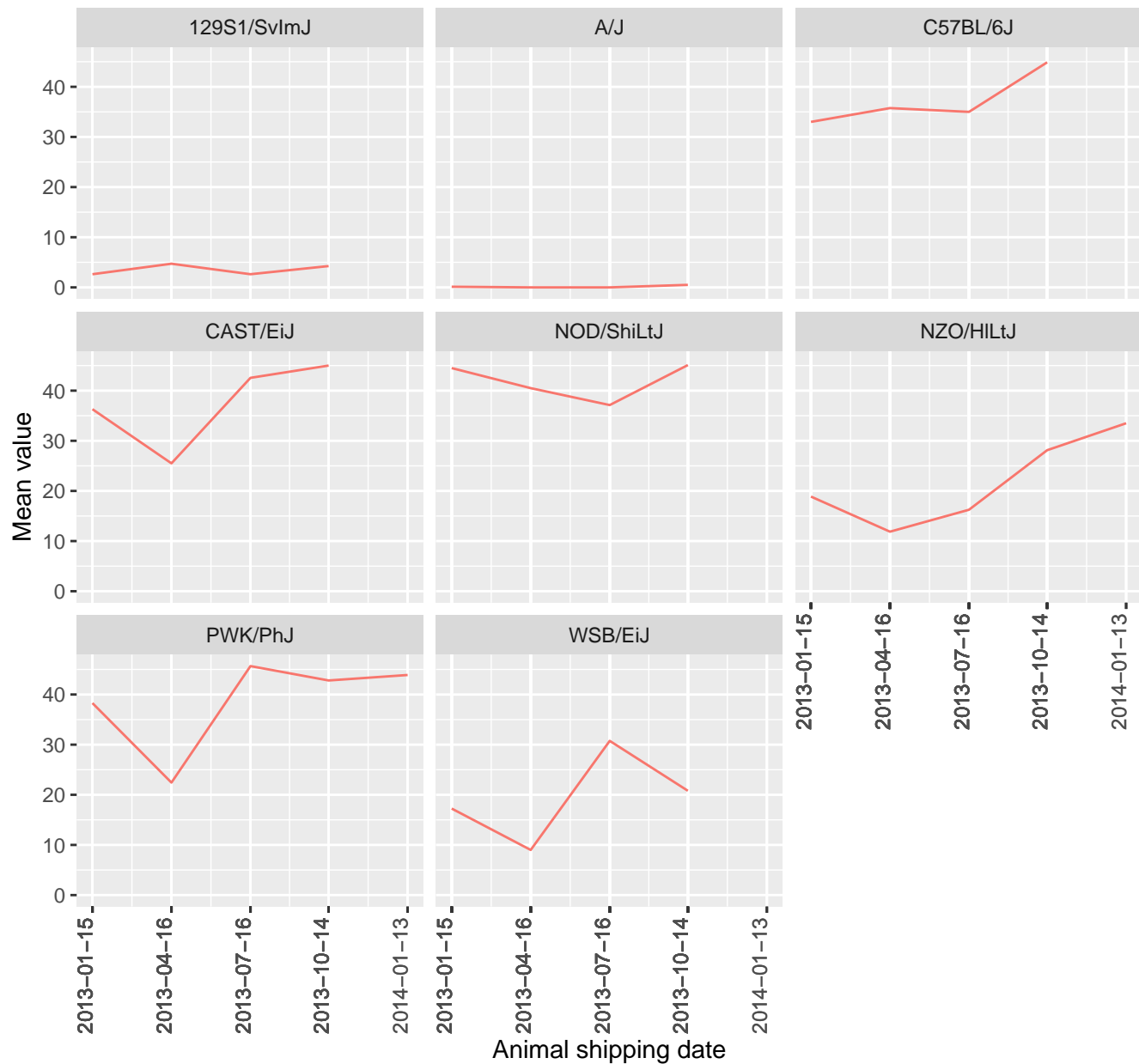
Procedure: GMC01
Parameter: periphery_speed



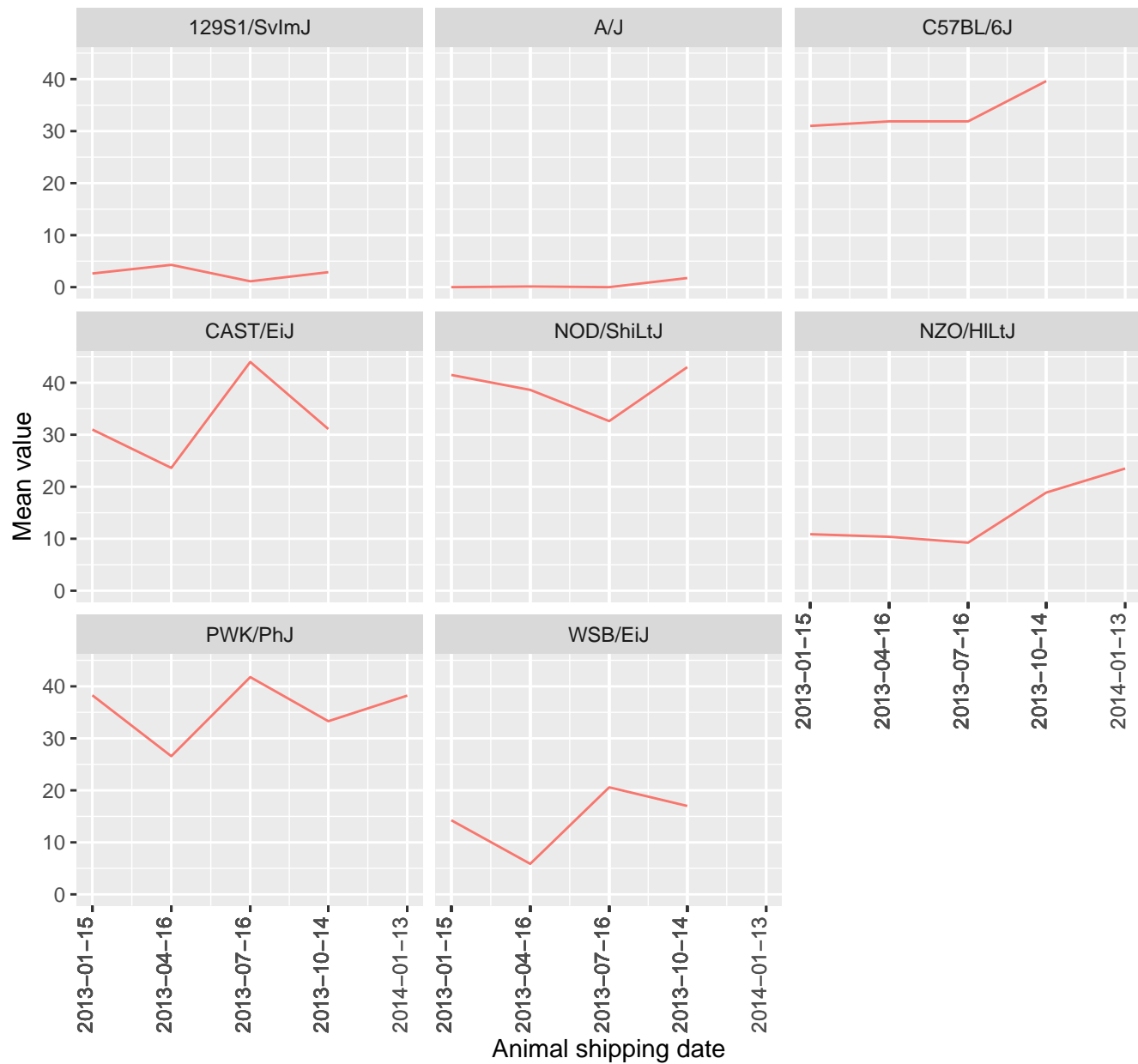
Procedure: GMC01
Parameter: rears_1



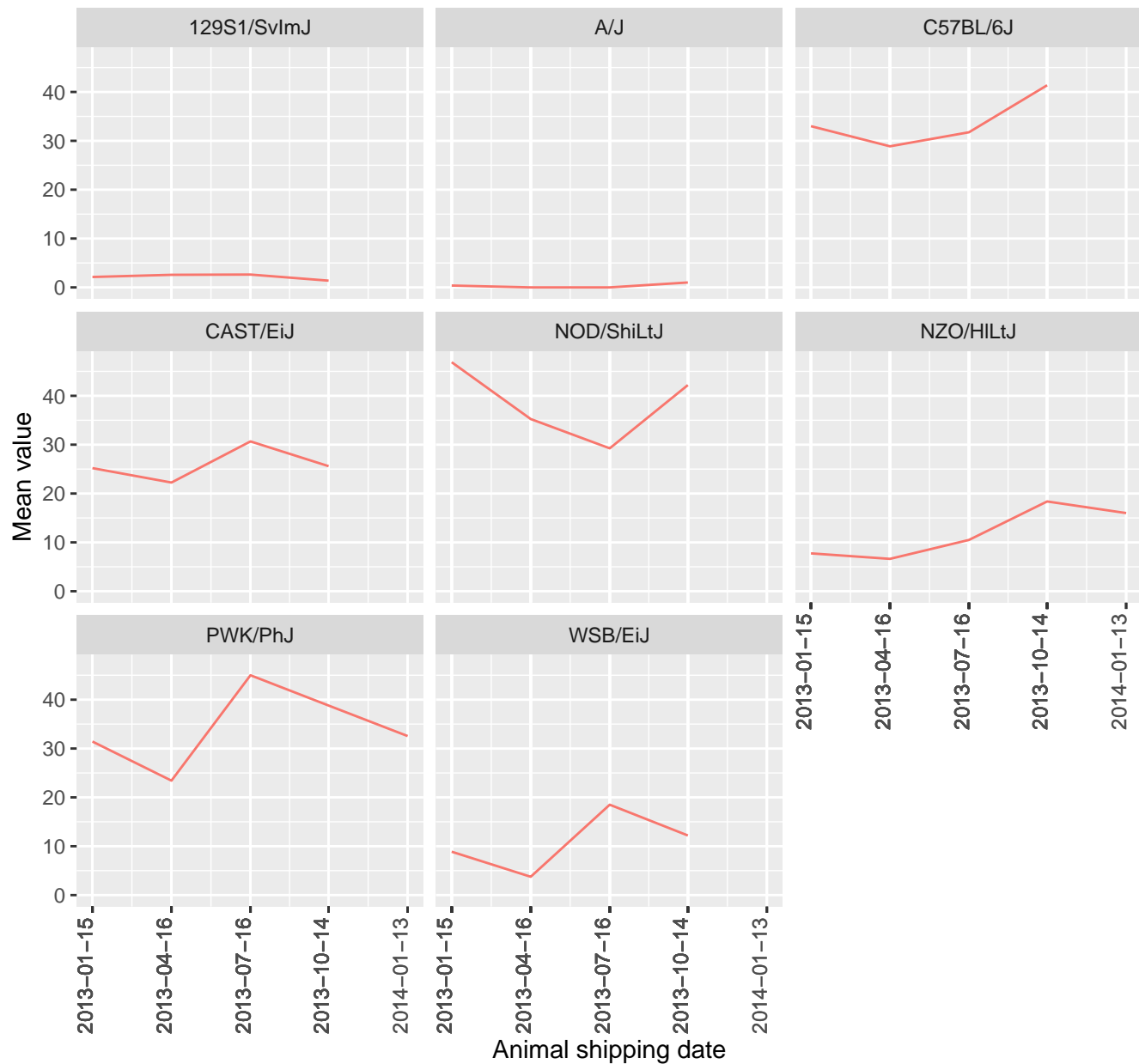
Procedure: GMC01
Parameter: rears_2



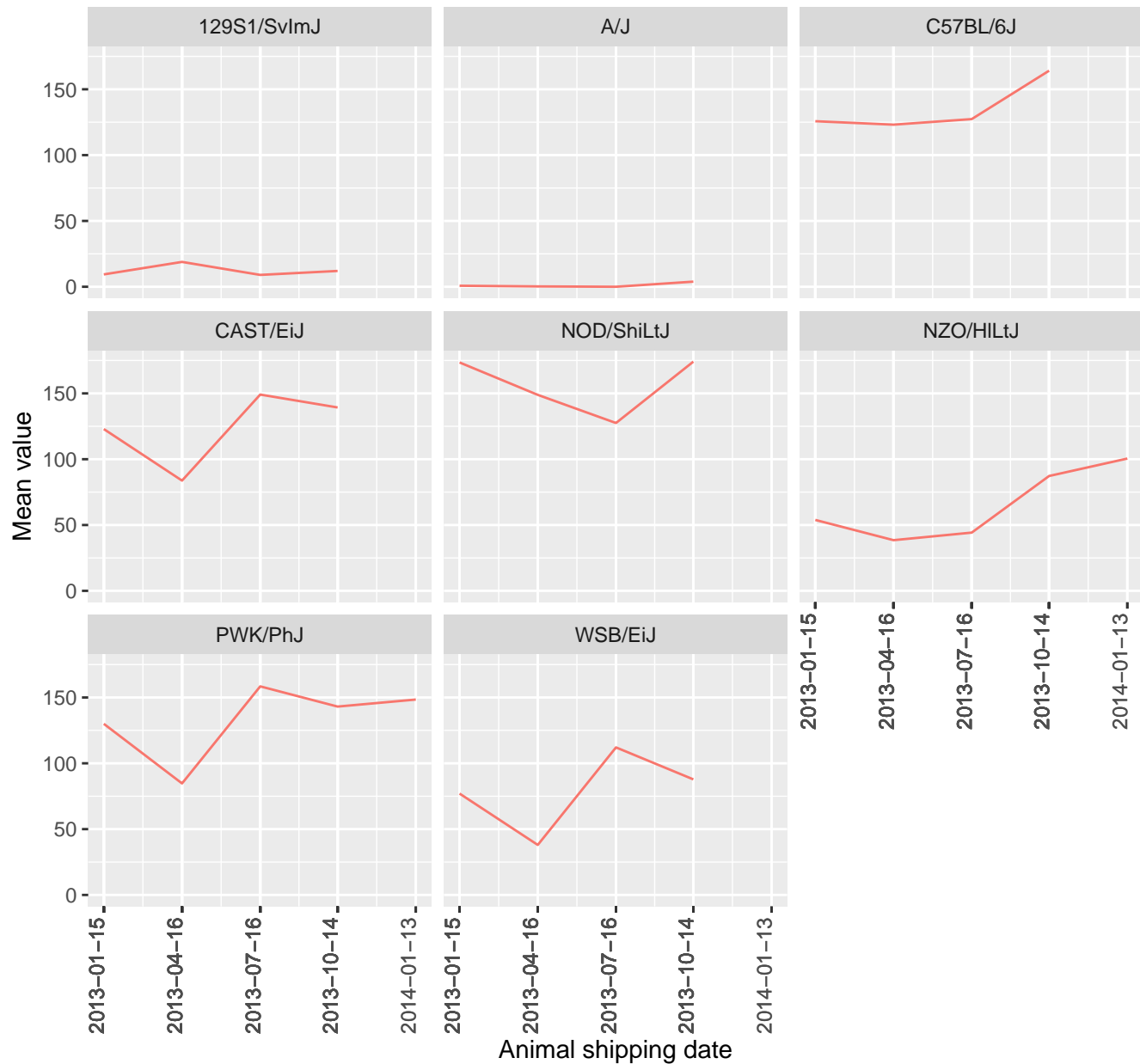
Procedure: GMC01
Parameter: rears_3



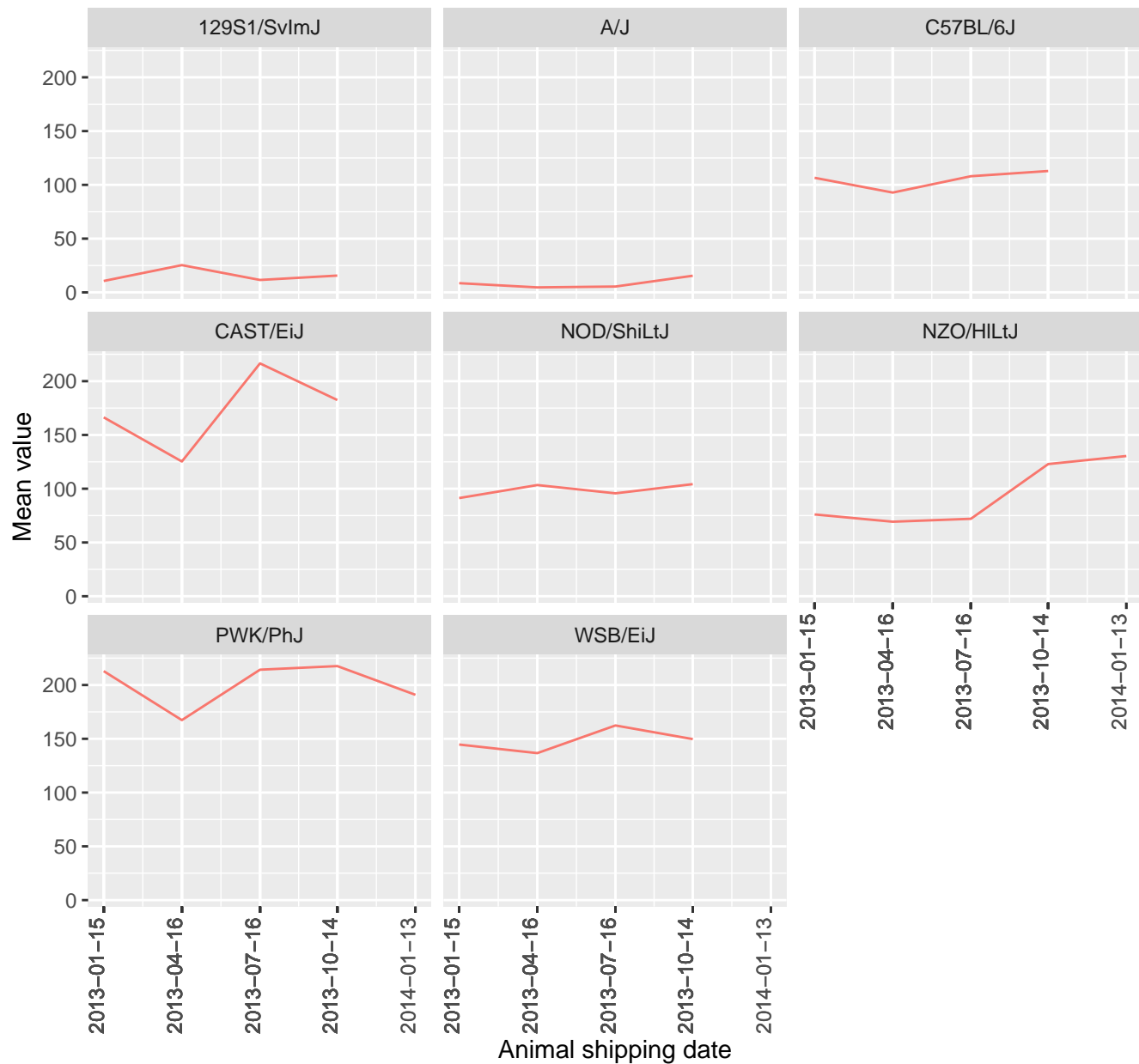
Procedure: GMC01
Parameter: rears_4



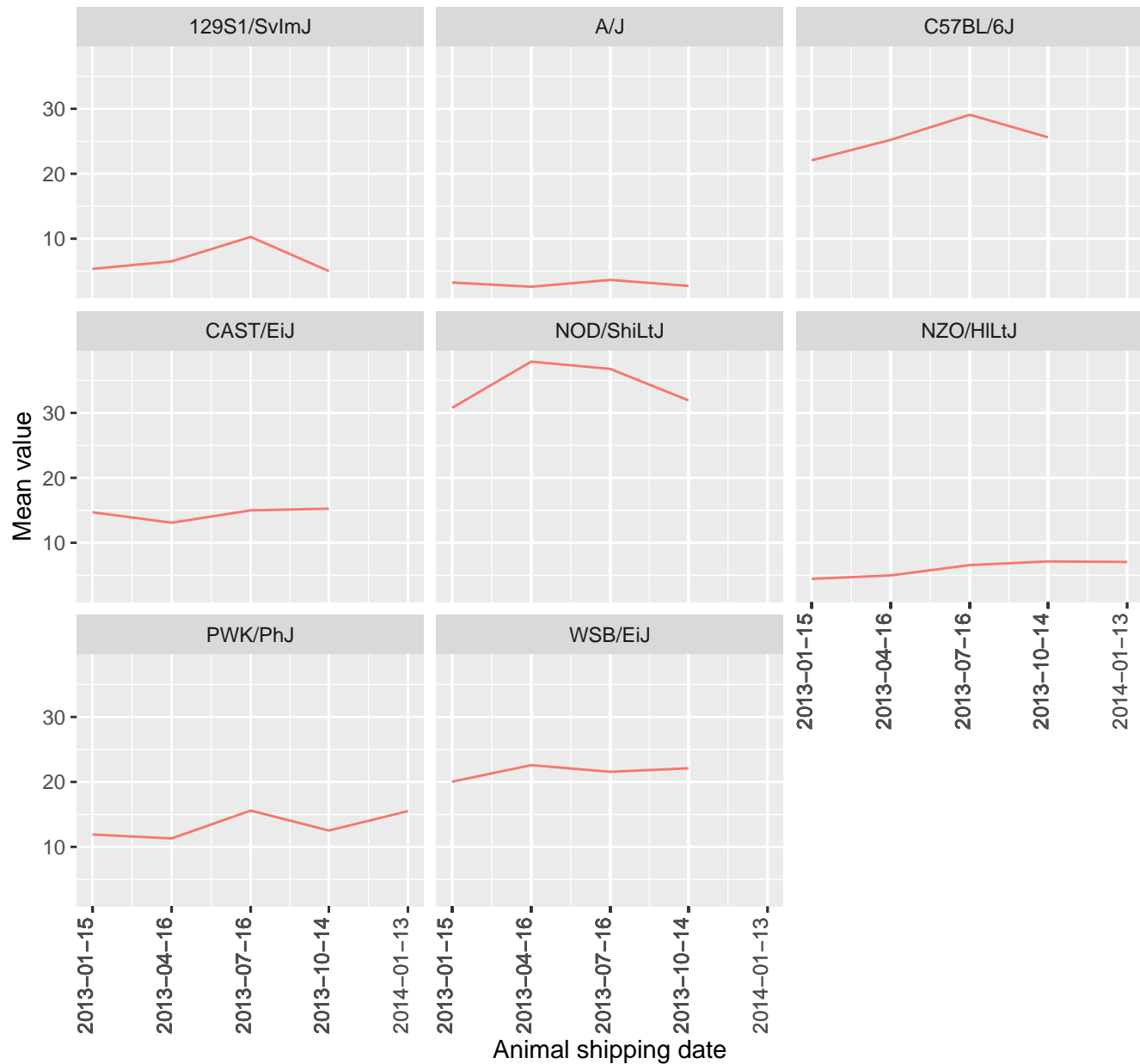
Procedure: GMC01
Parameter: rears_total



Procedure: GMC01
Parameter: whole_rest

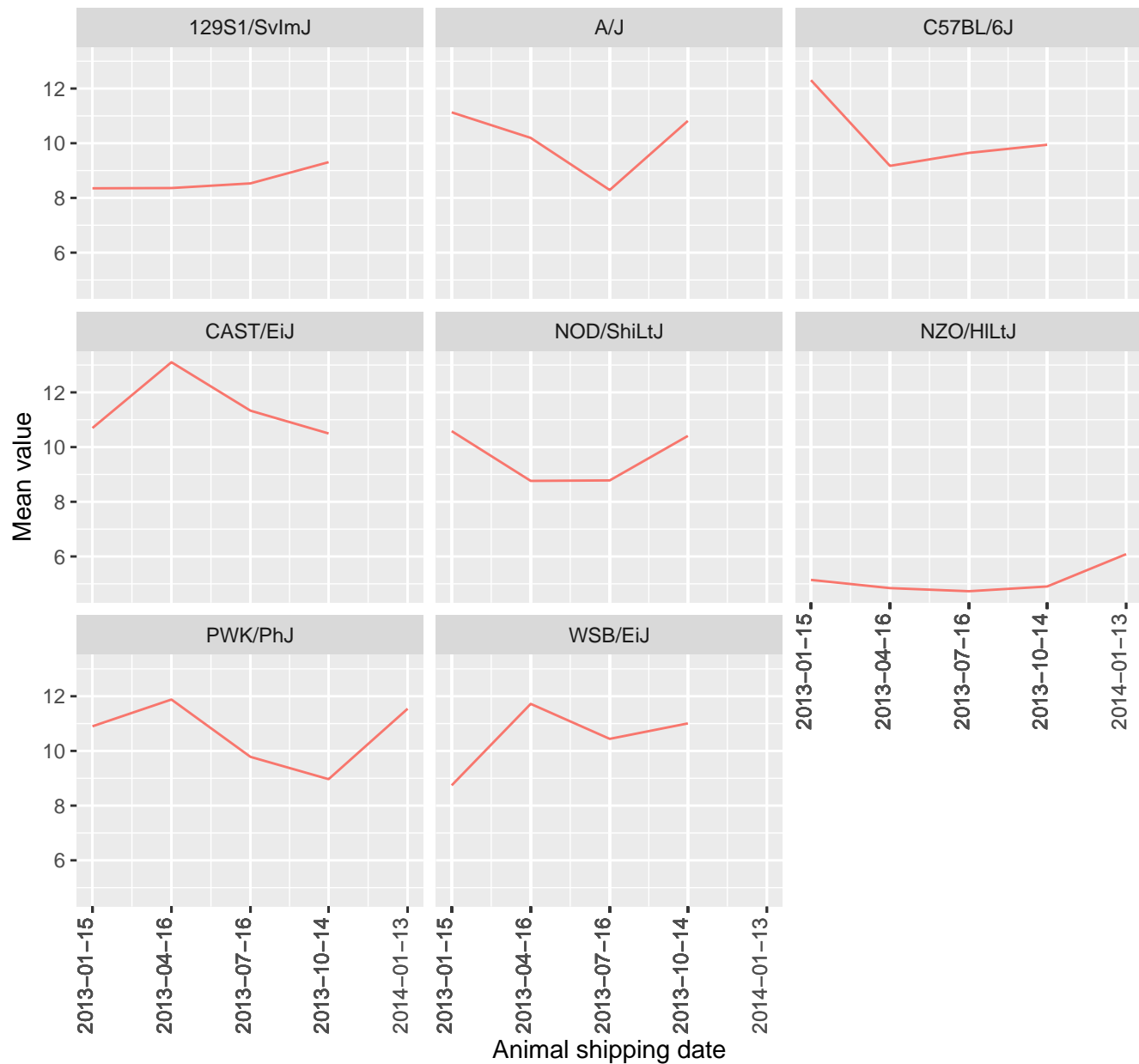


Procedure: GMC01
Parameter: whole_speed

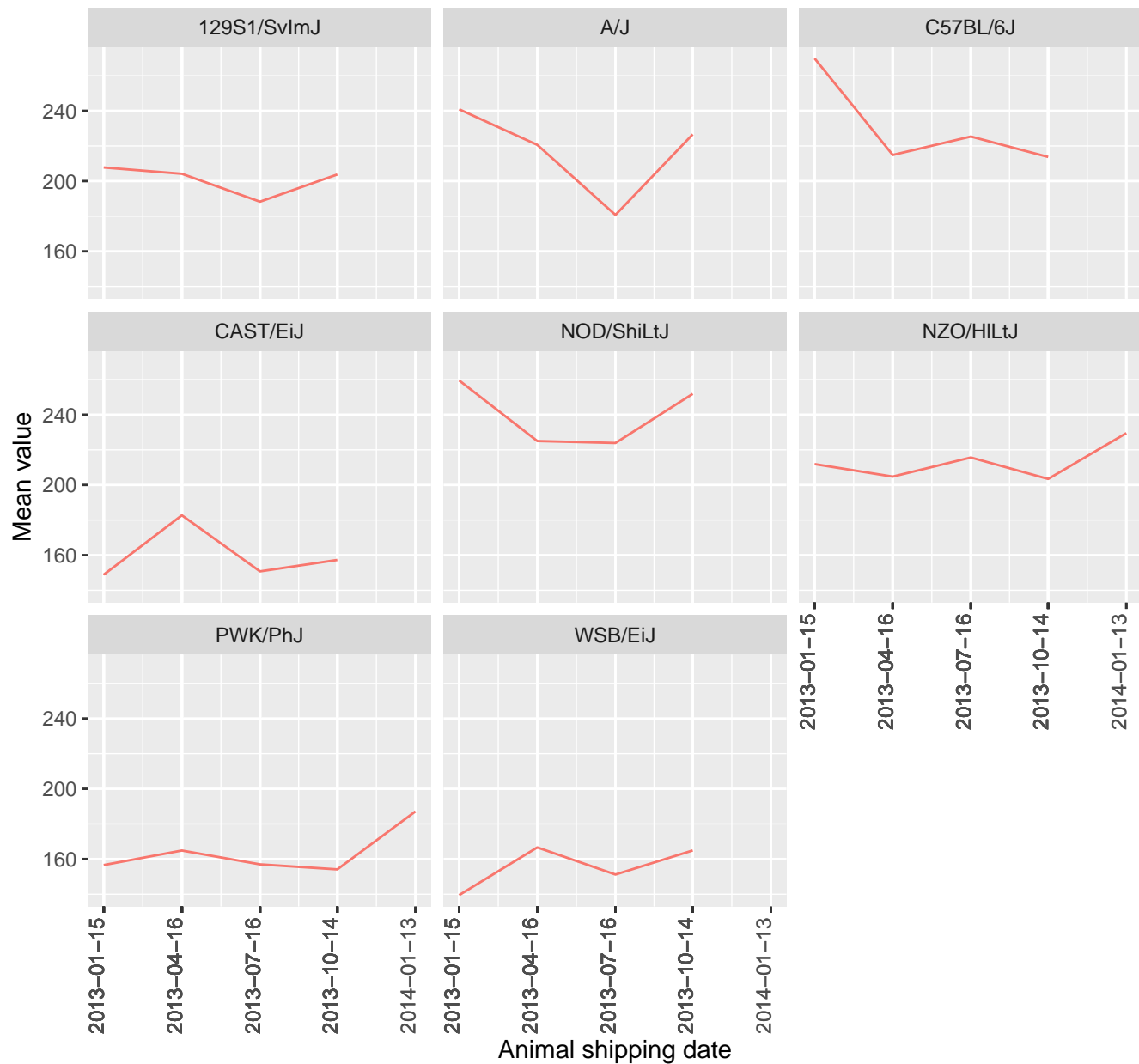


Procedure: GMC02

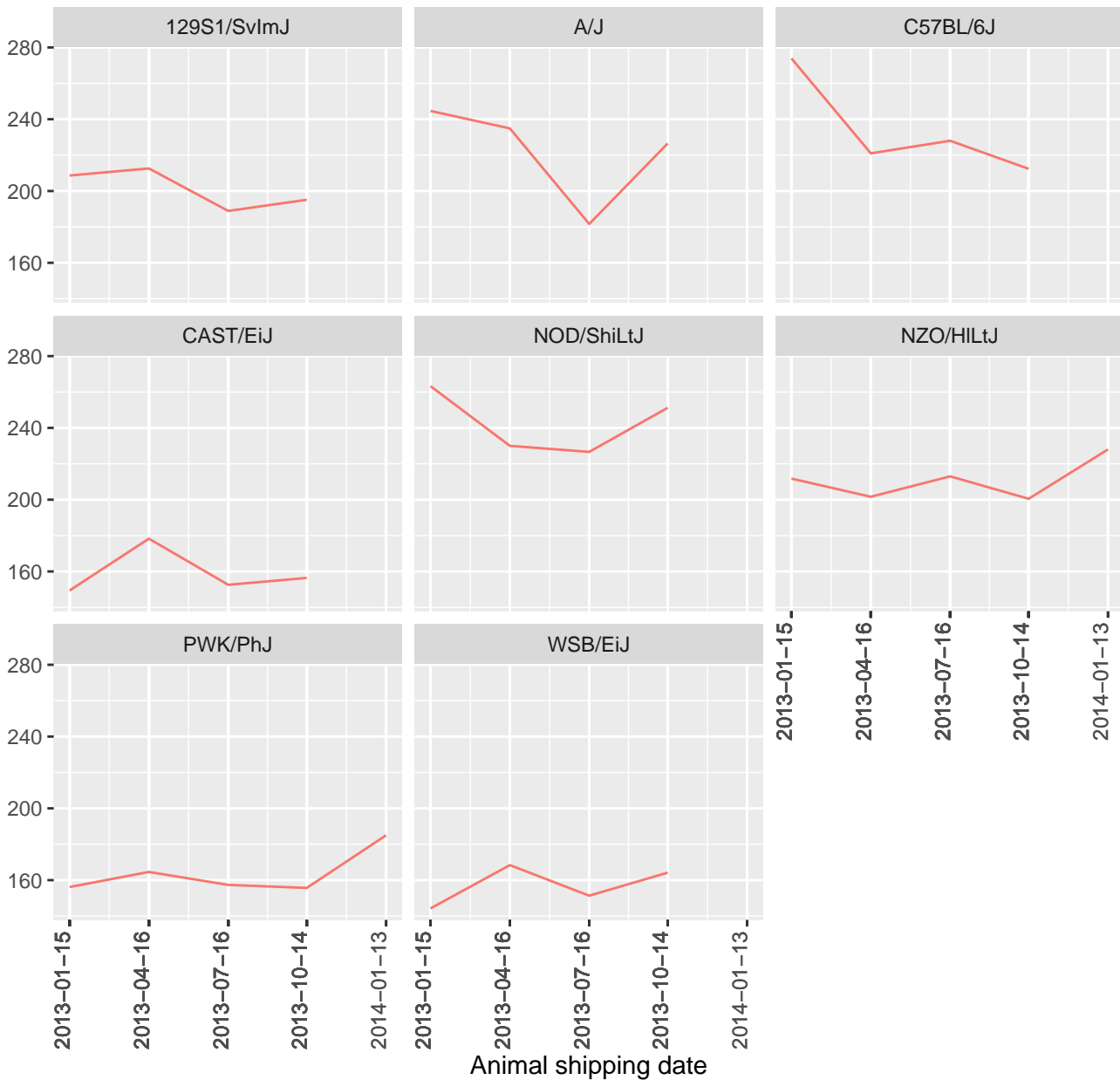
Parameter: all_paws_adj



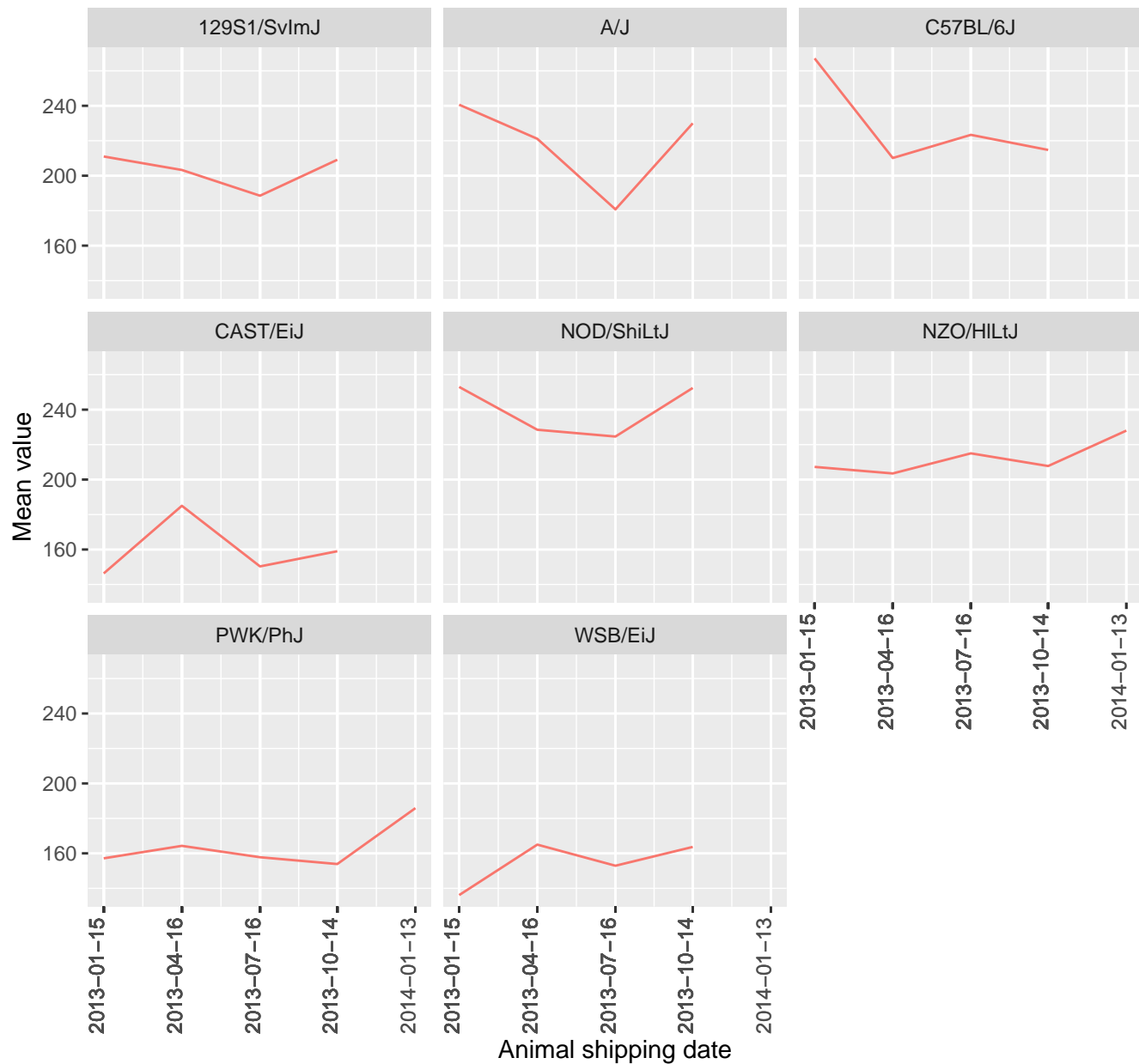
Procedure: GMC02
Parameter: all_paws_mean



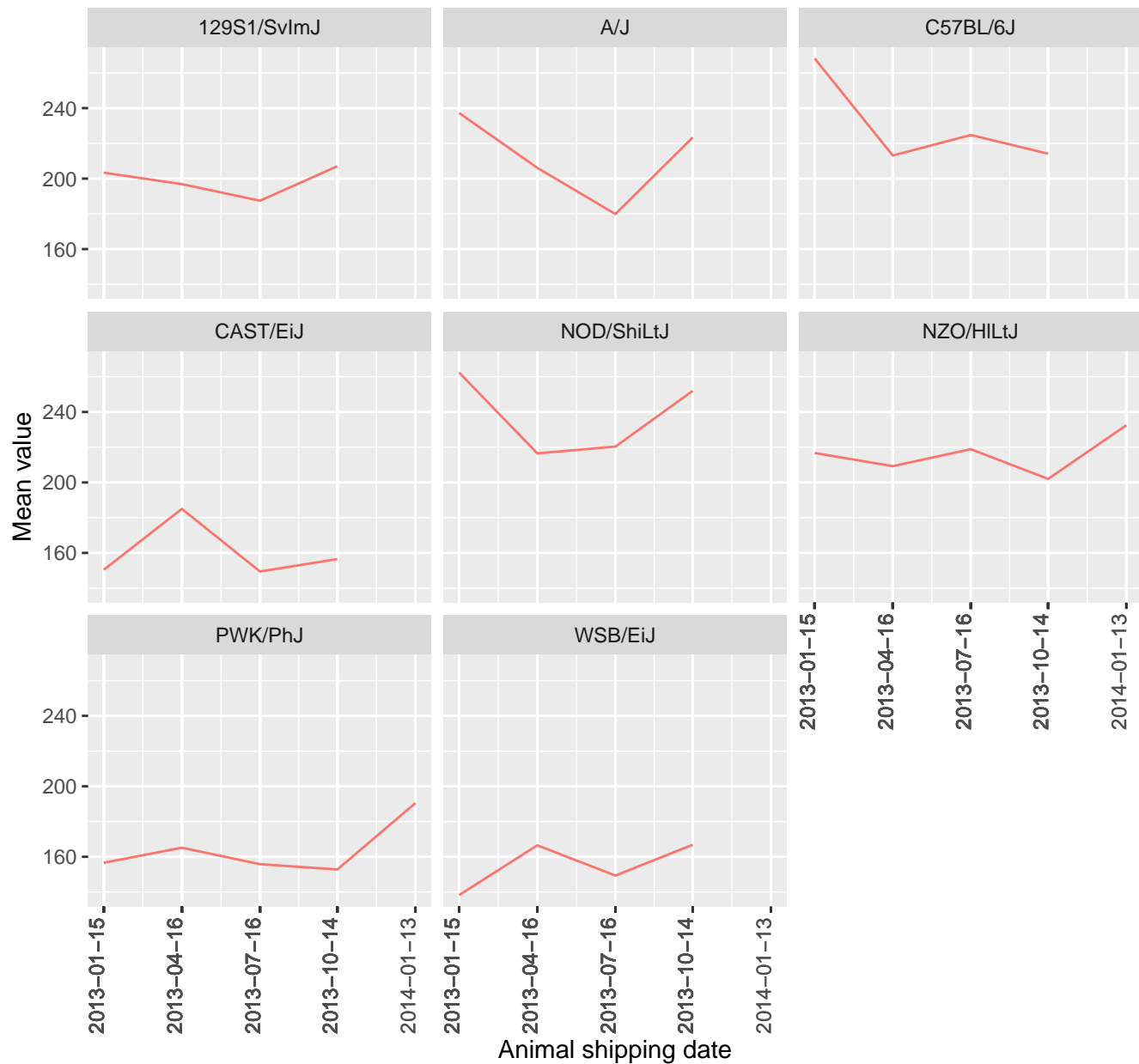
Procedure: GMC02
Parameter: all_paws1



Procedure: GMC02
Parameter: all_paws2

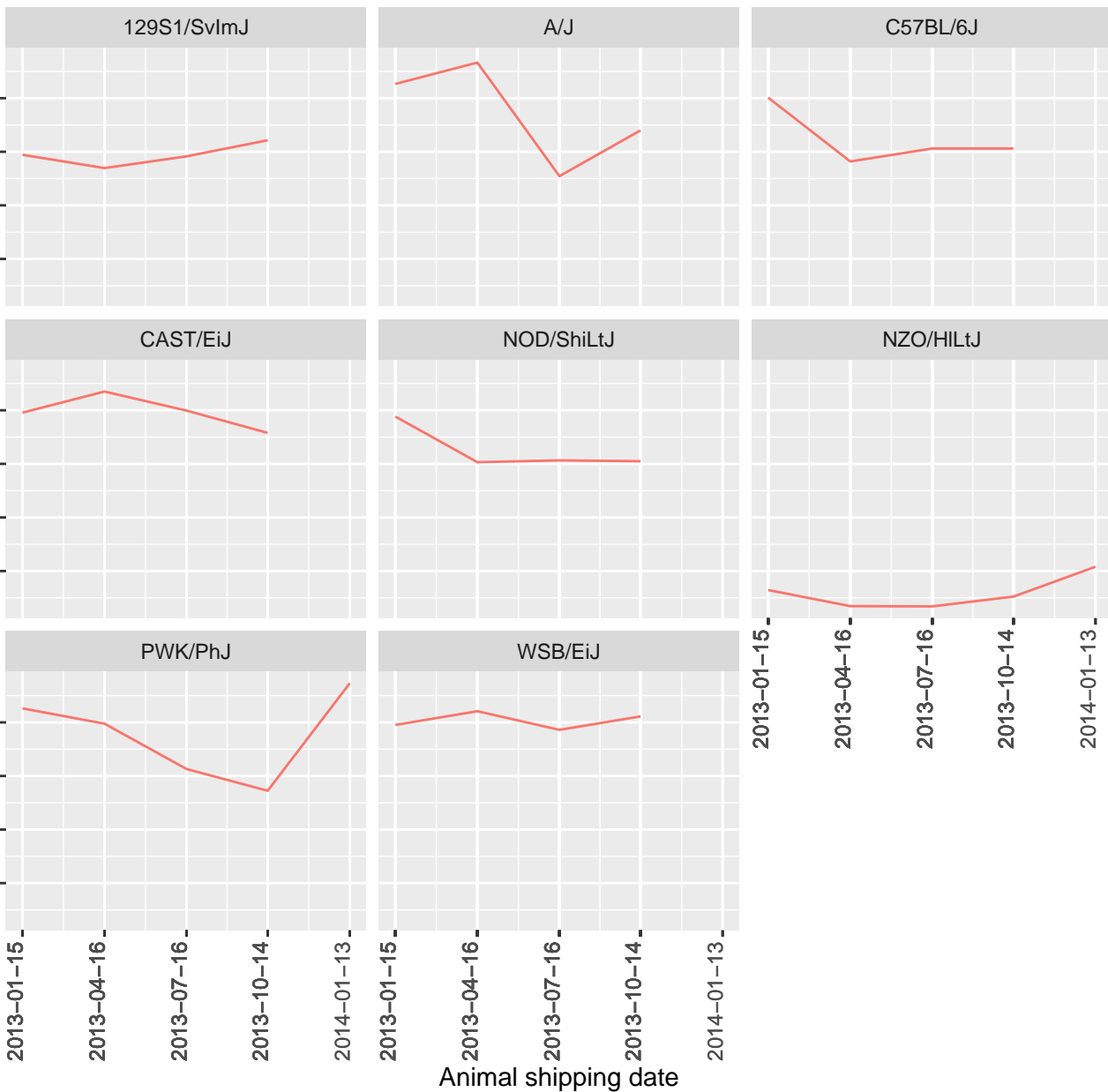


Procedure: GMC02
Parameter: all_paws3

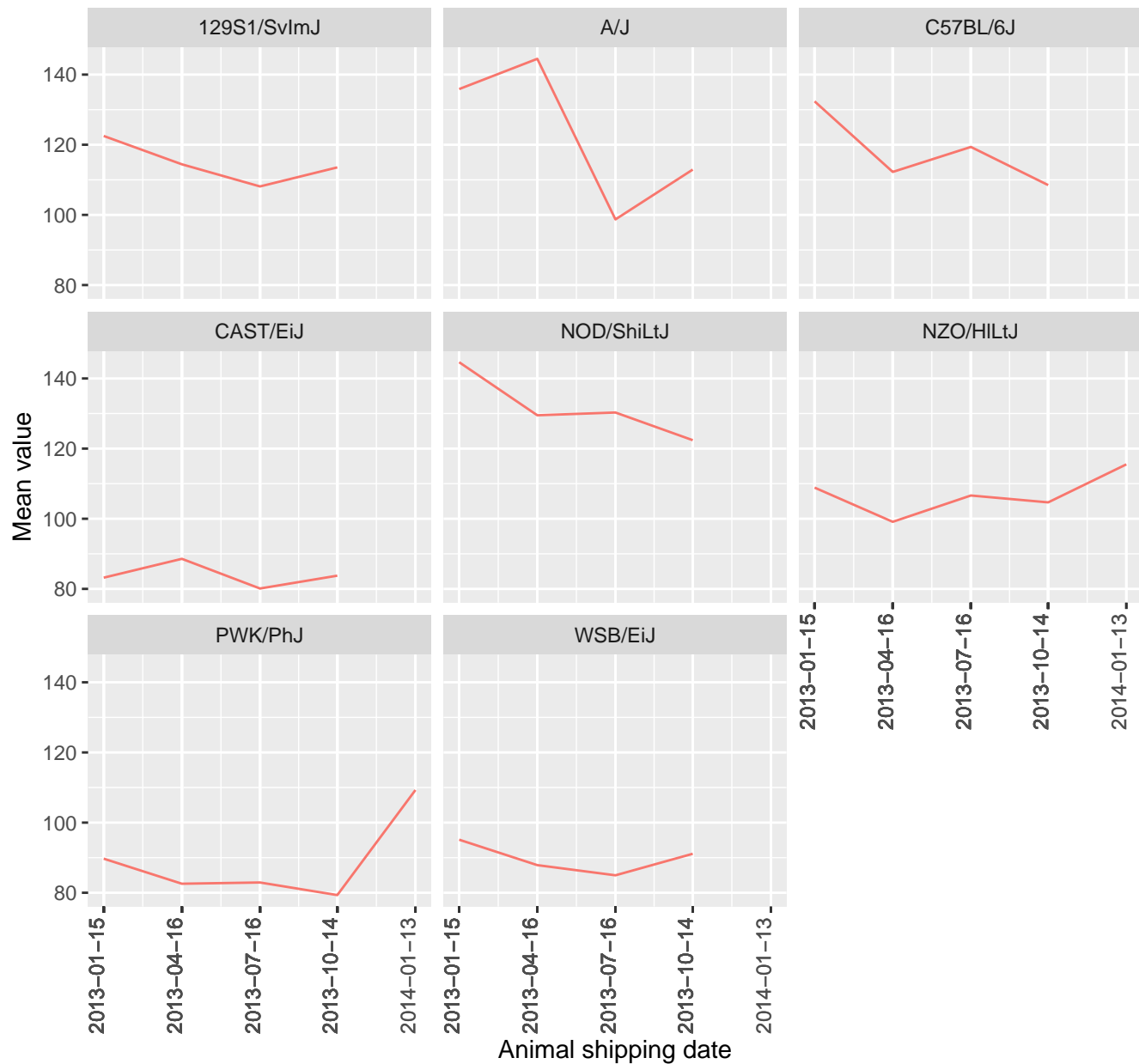


Procedure: GMC02

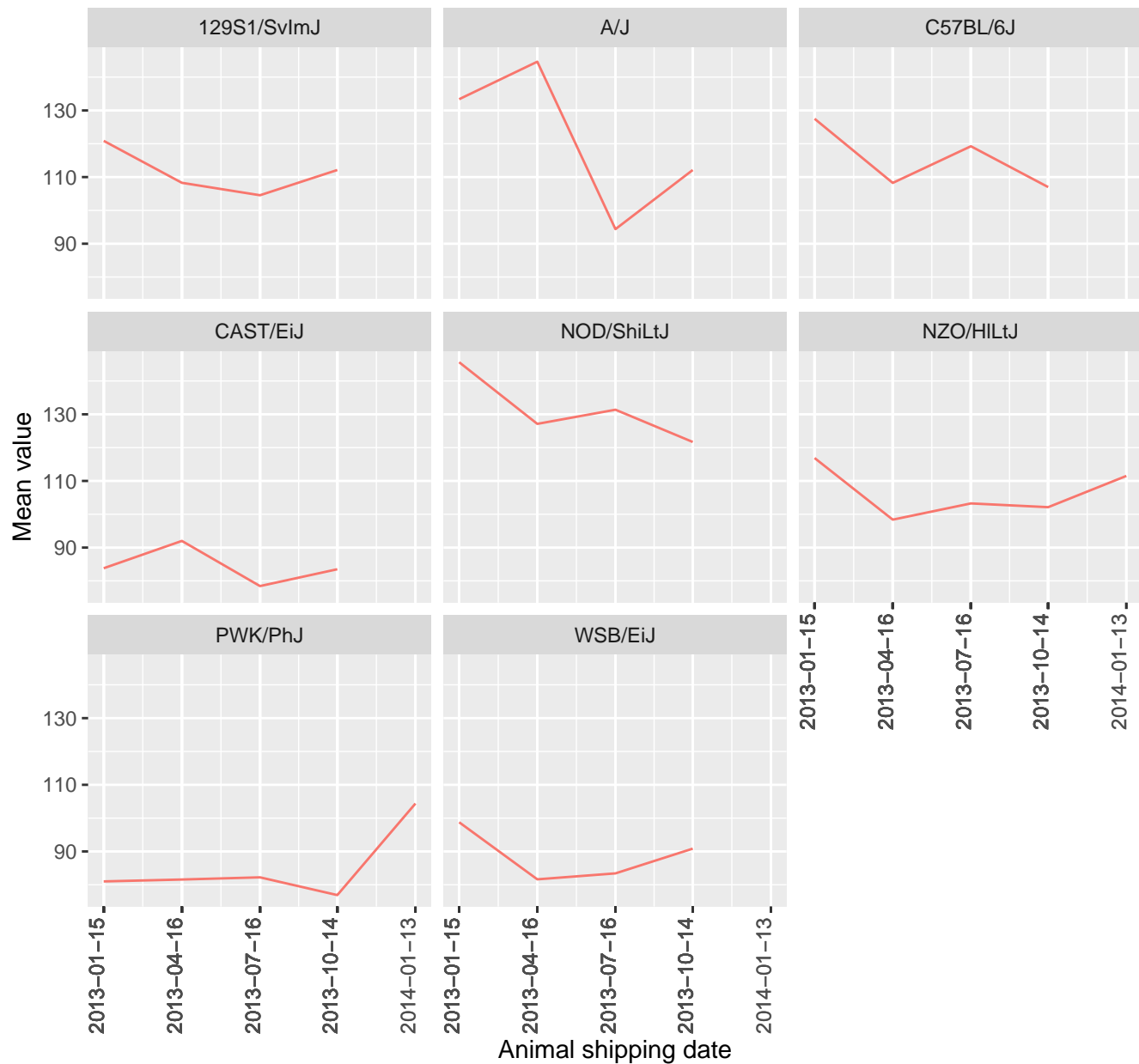
Parameter: front_paws_adj



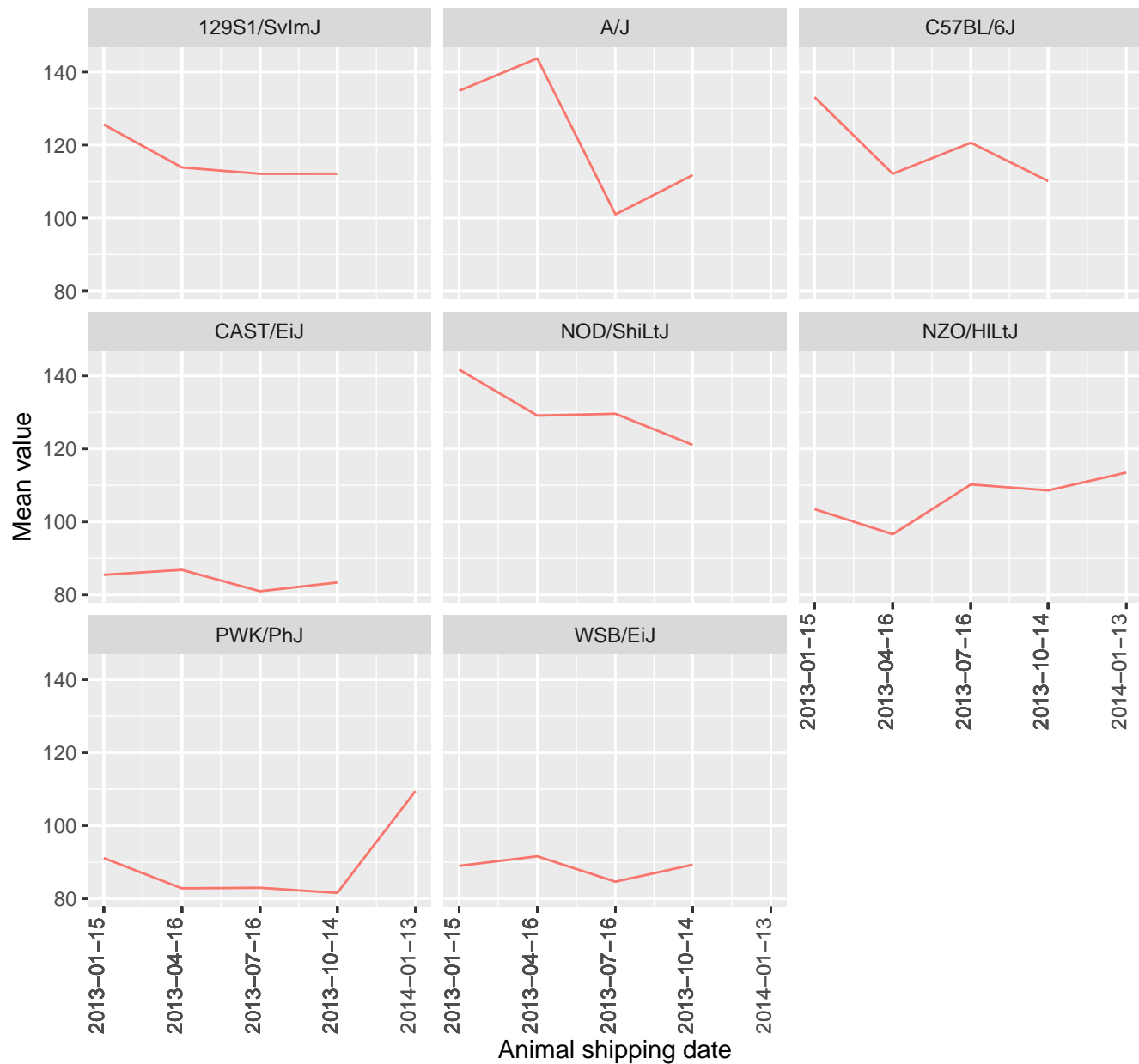
Procedure: GMC02
Parameter: front_paws_mean



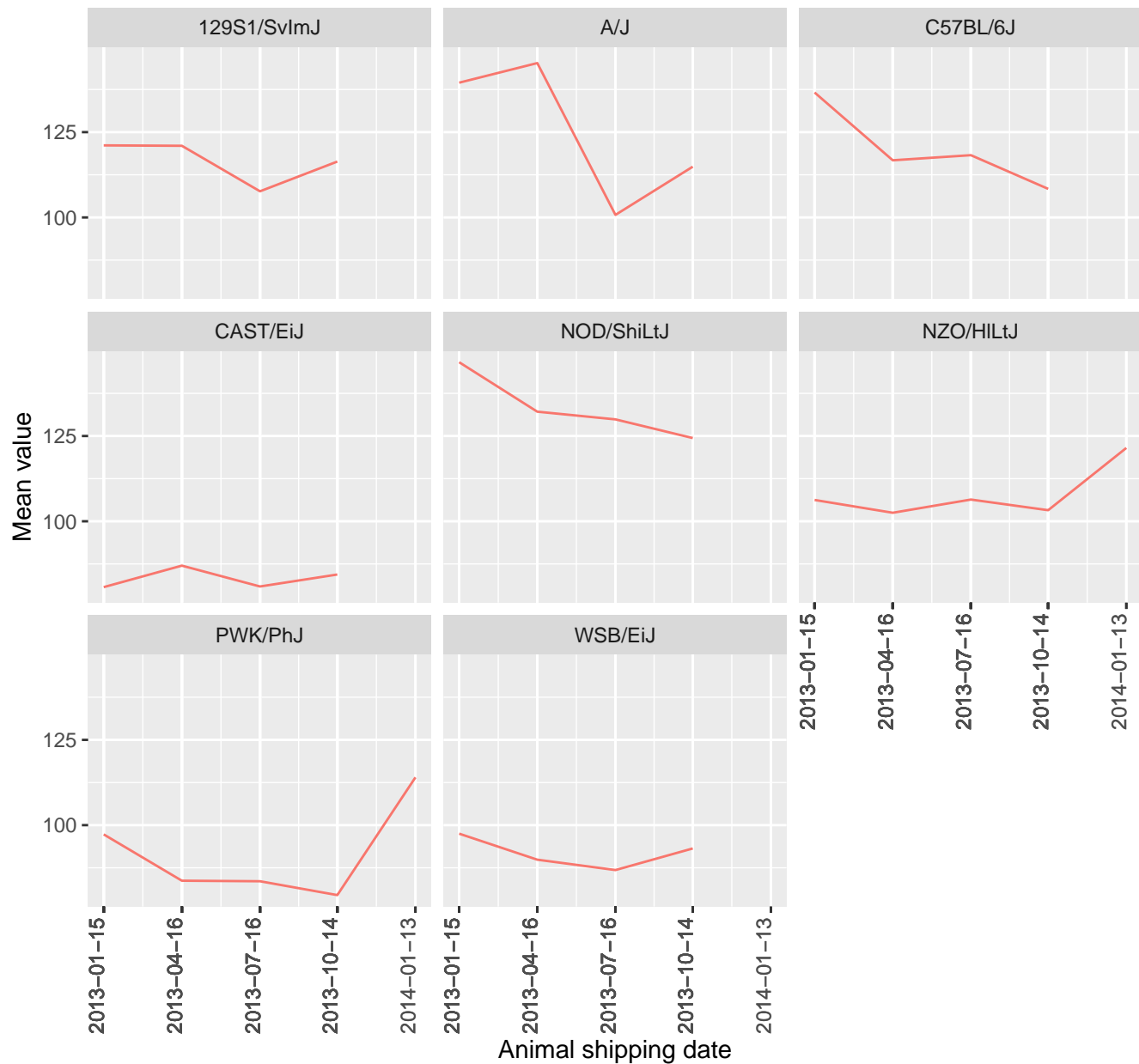
Procedure: GMC02
Parameter: front_paws1



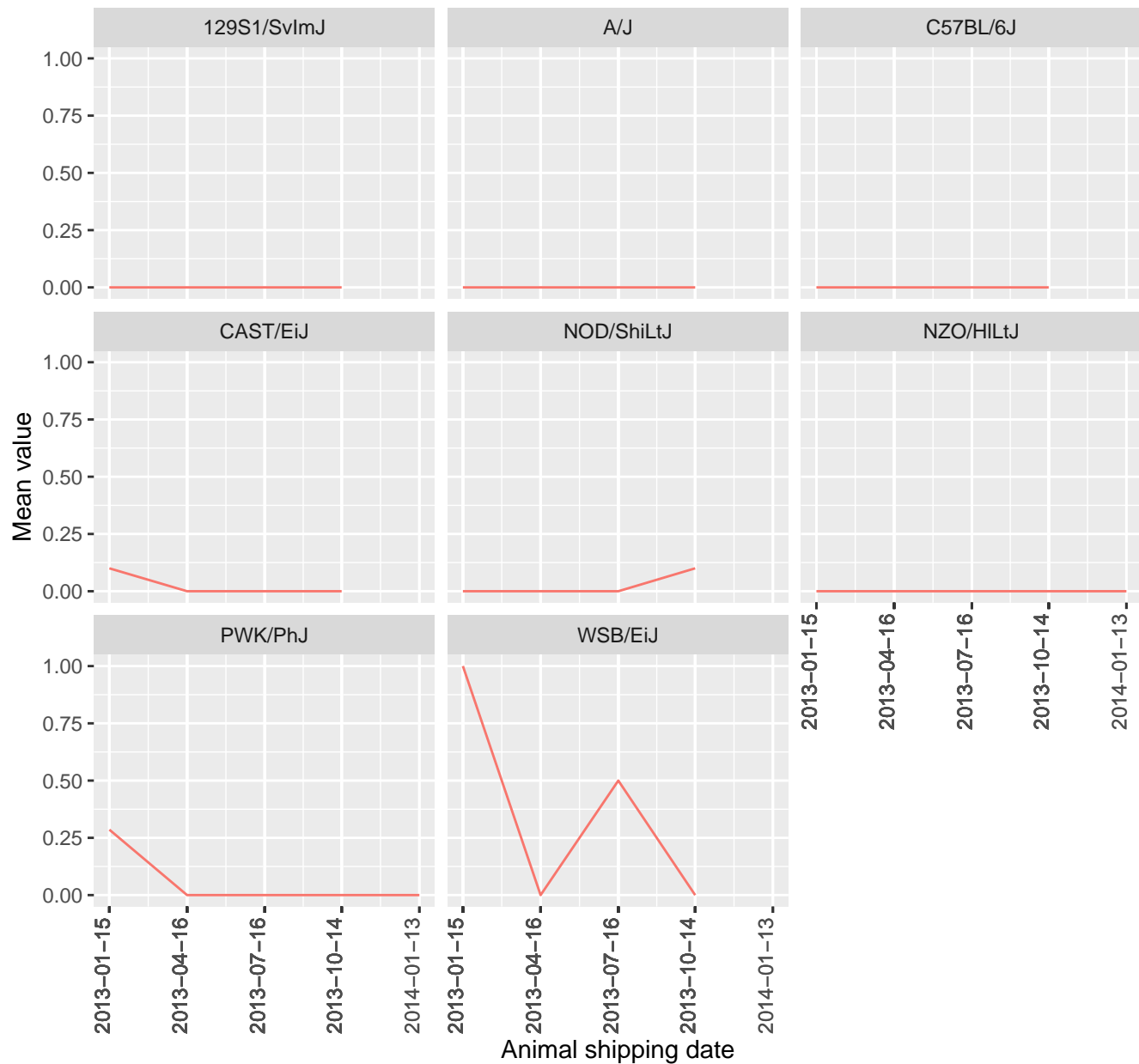
Procedure: GMC02
Parameter: front_paws2



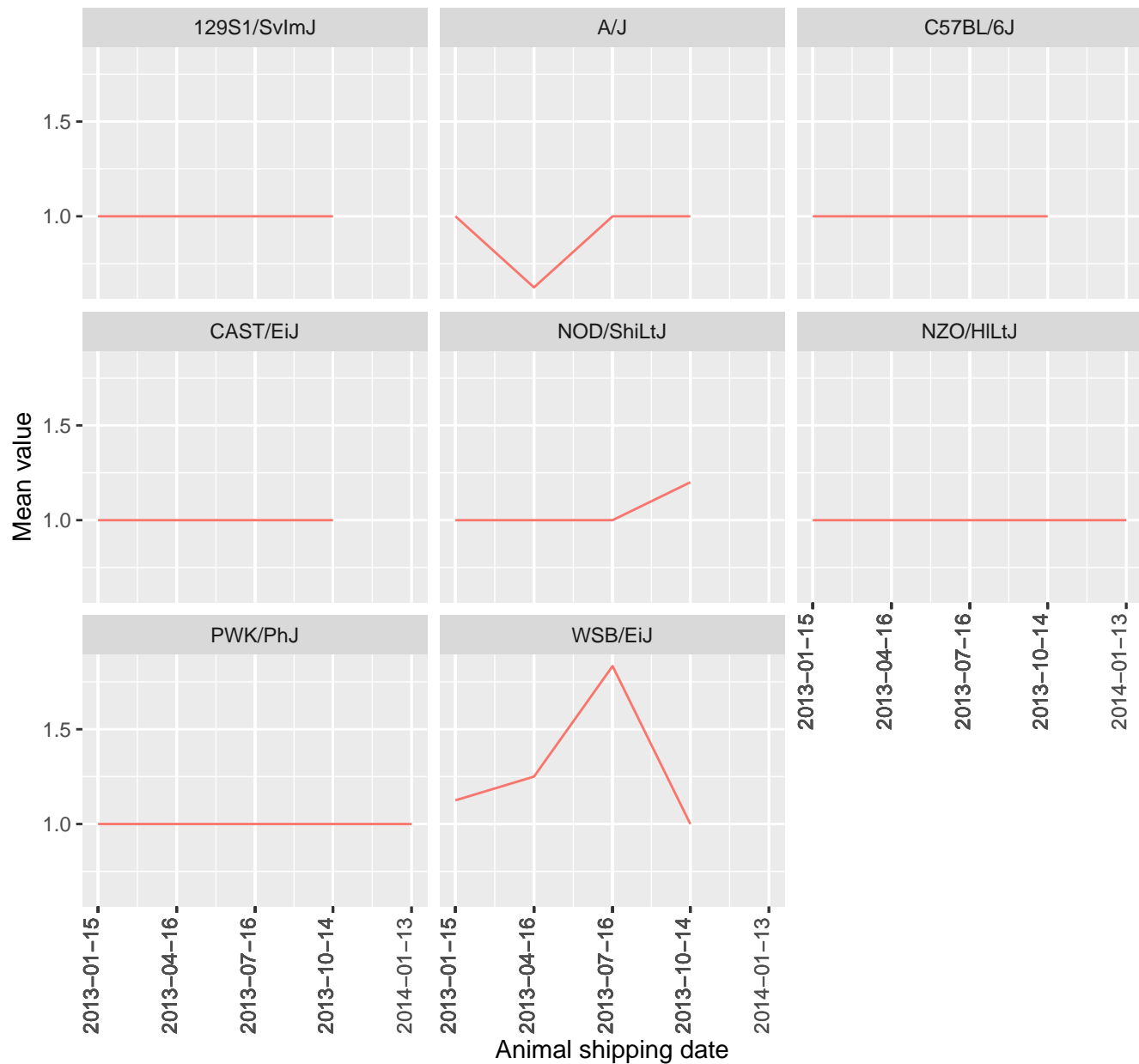
Procedure: GMC02
Parameter: front_paws3



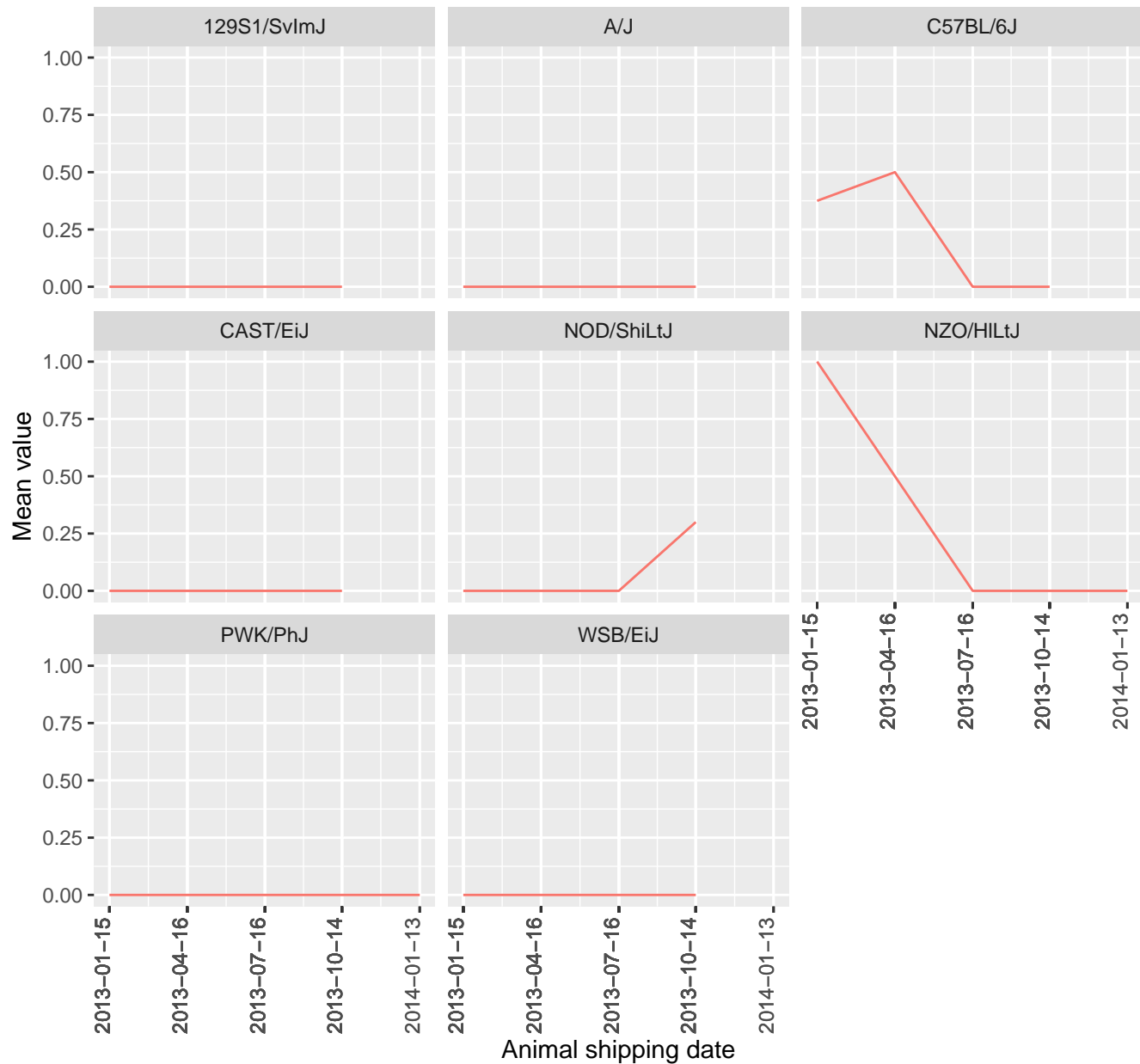
Procedure: GMC03
Parameter: bite_evidence



Procedure: GMC03
Parameter: body_pos

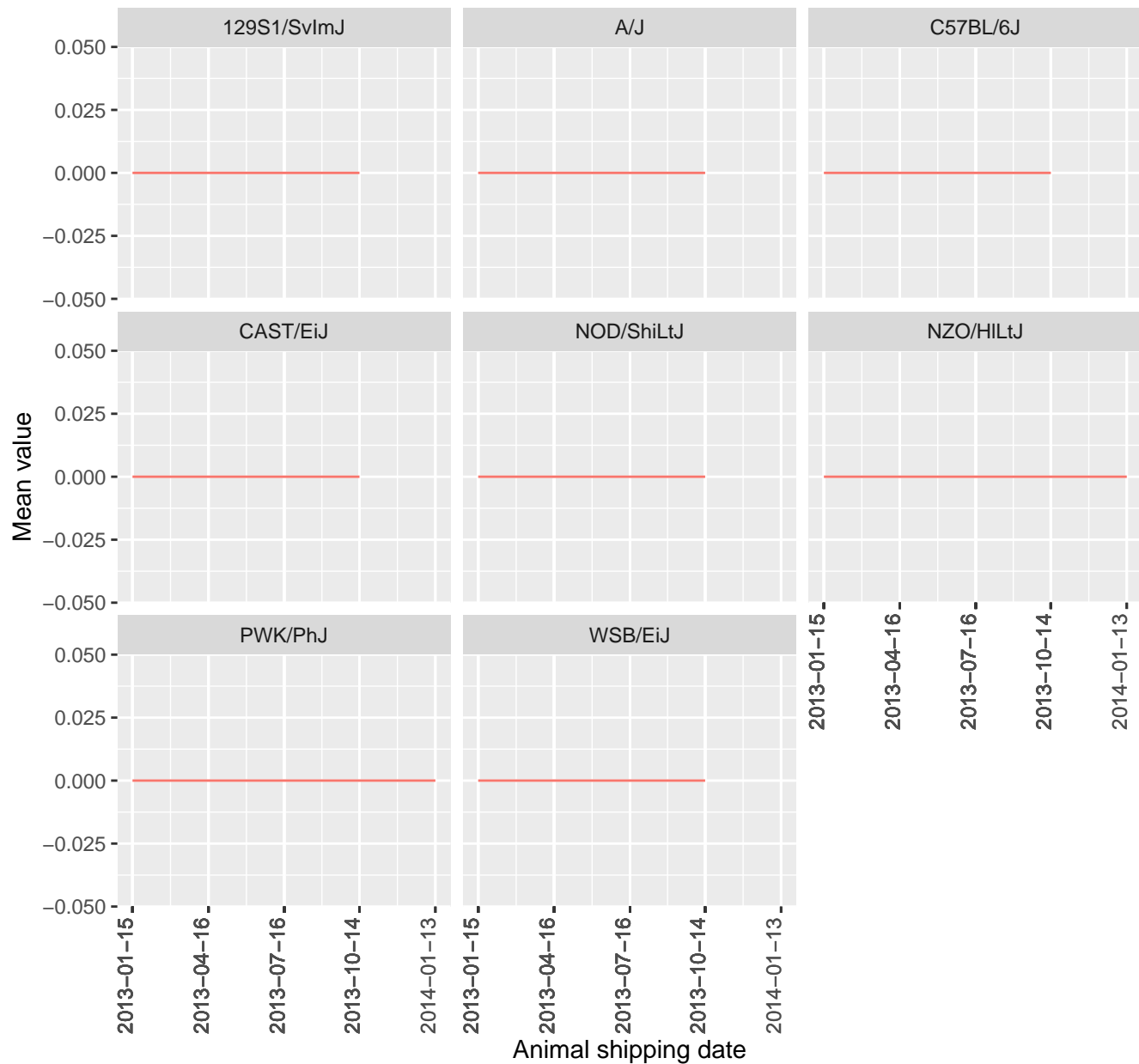


Procedure: GMC03
Parameter: coat_app

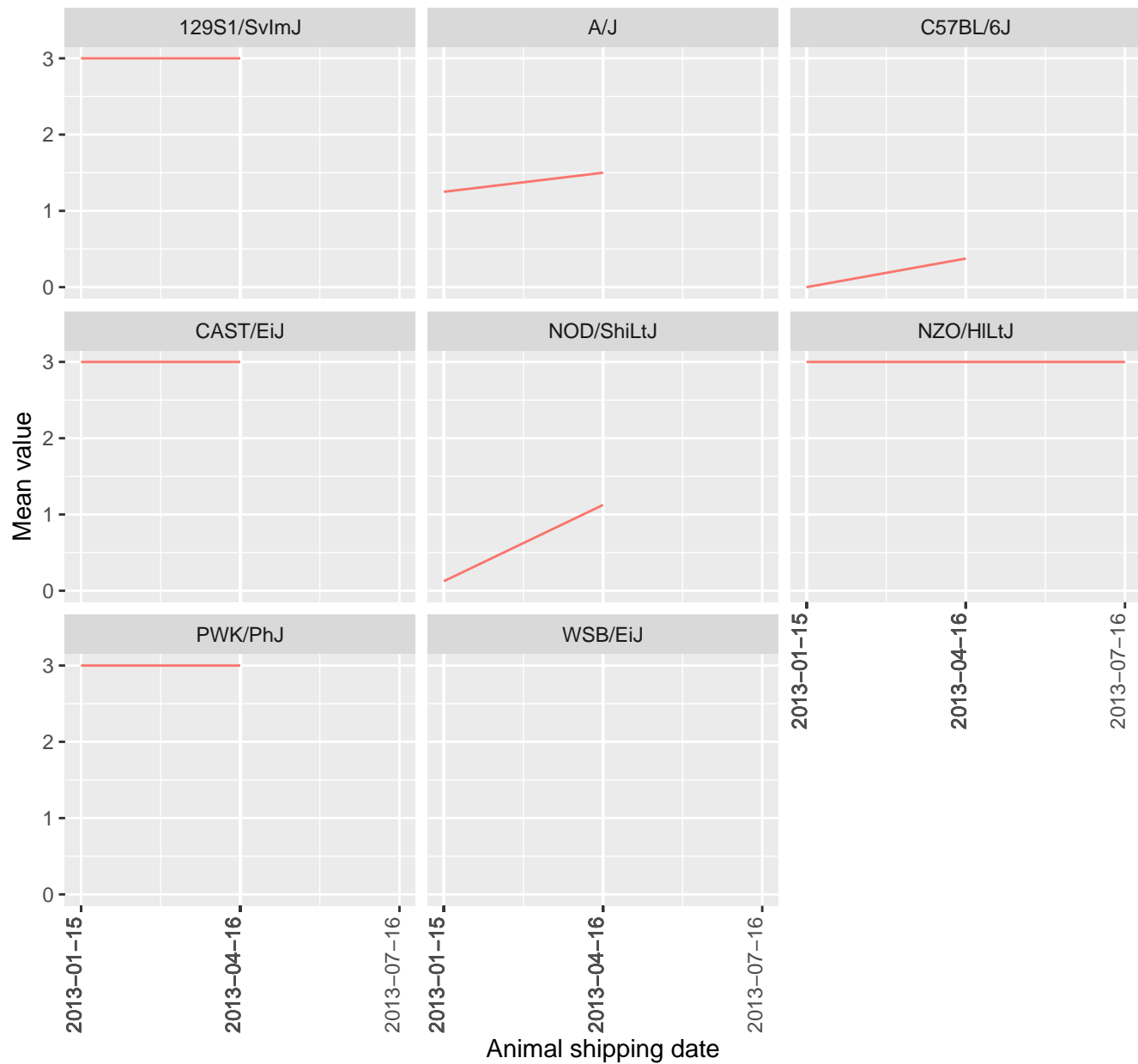


Procedure: GMC03

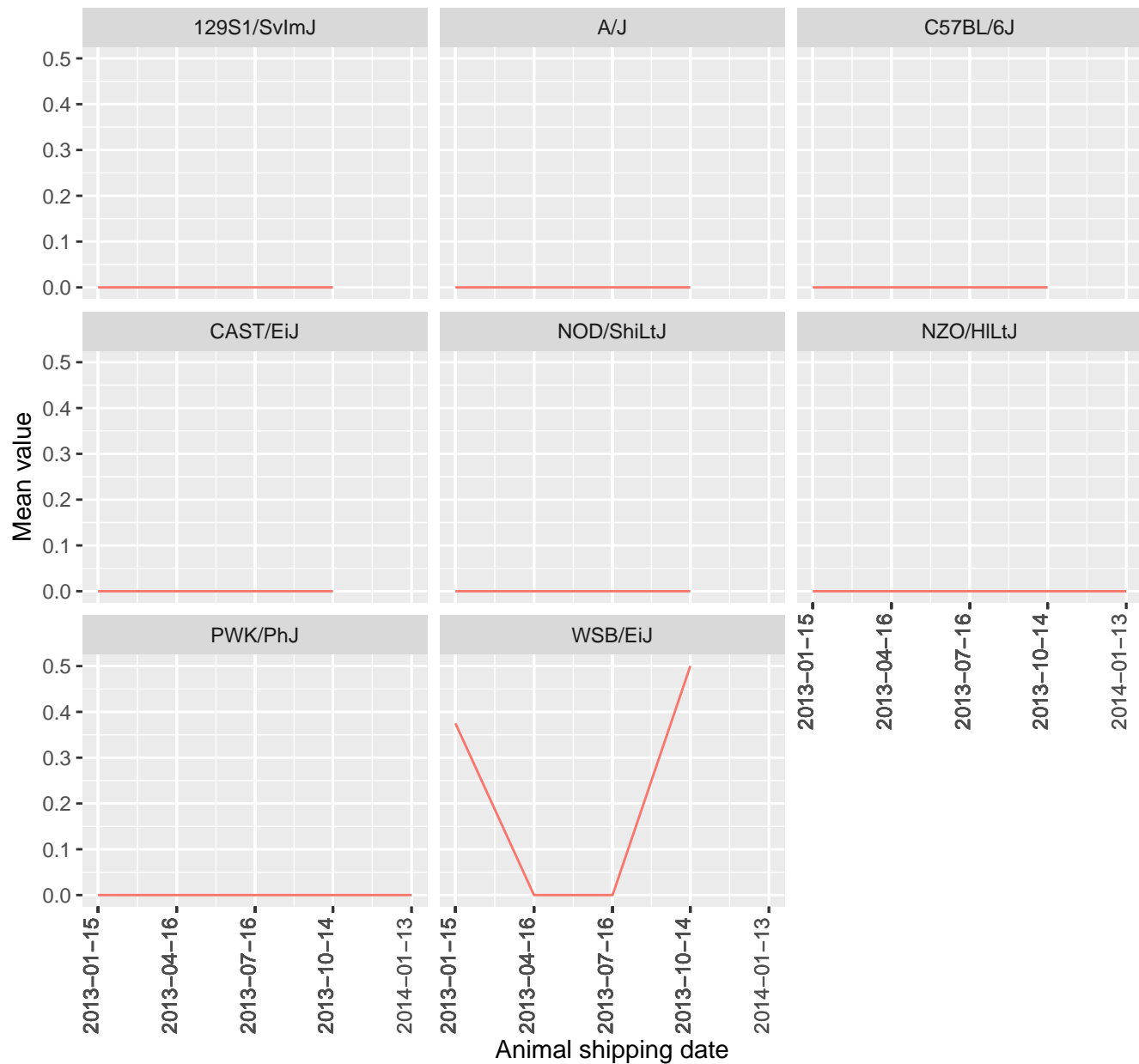
Parameter: cornea_reflex



Procedure: GMC03
Parameter: deafness

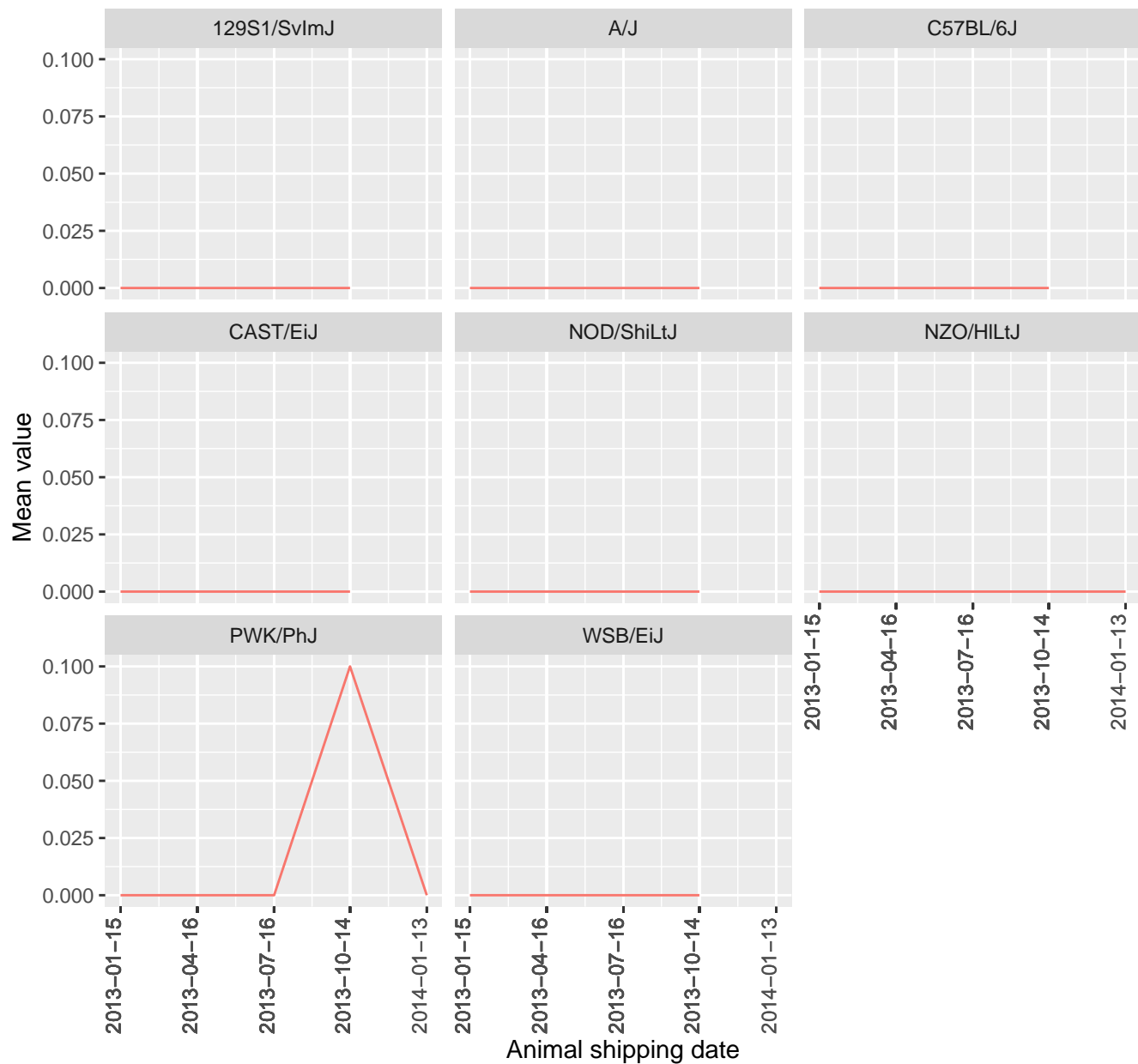


Procedure: GMC03
Parameter: defecation

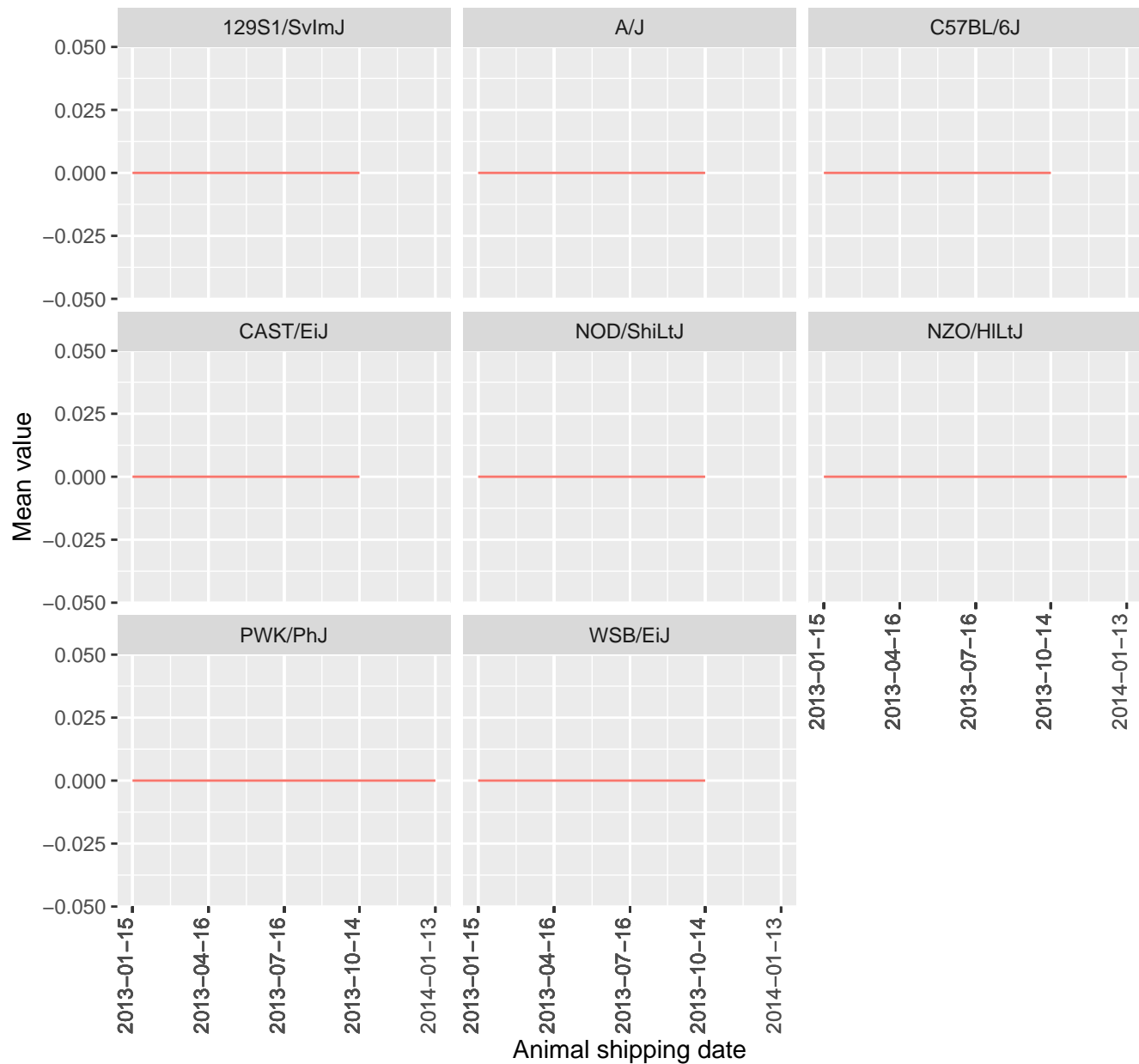


Procedure: GMC03

Parameter: gait

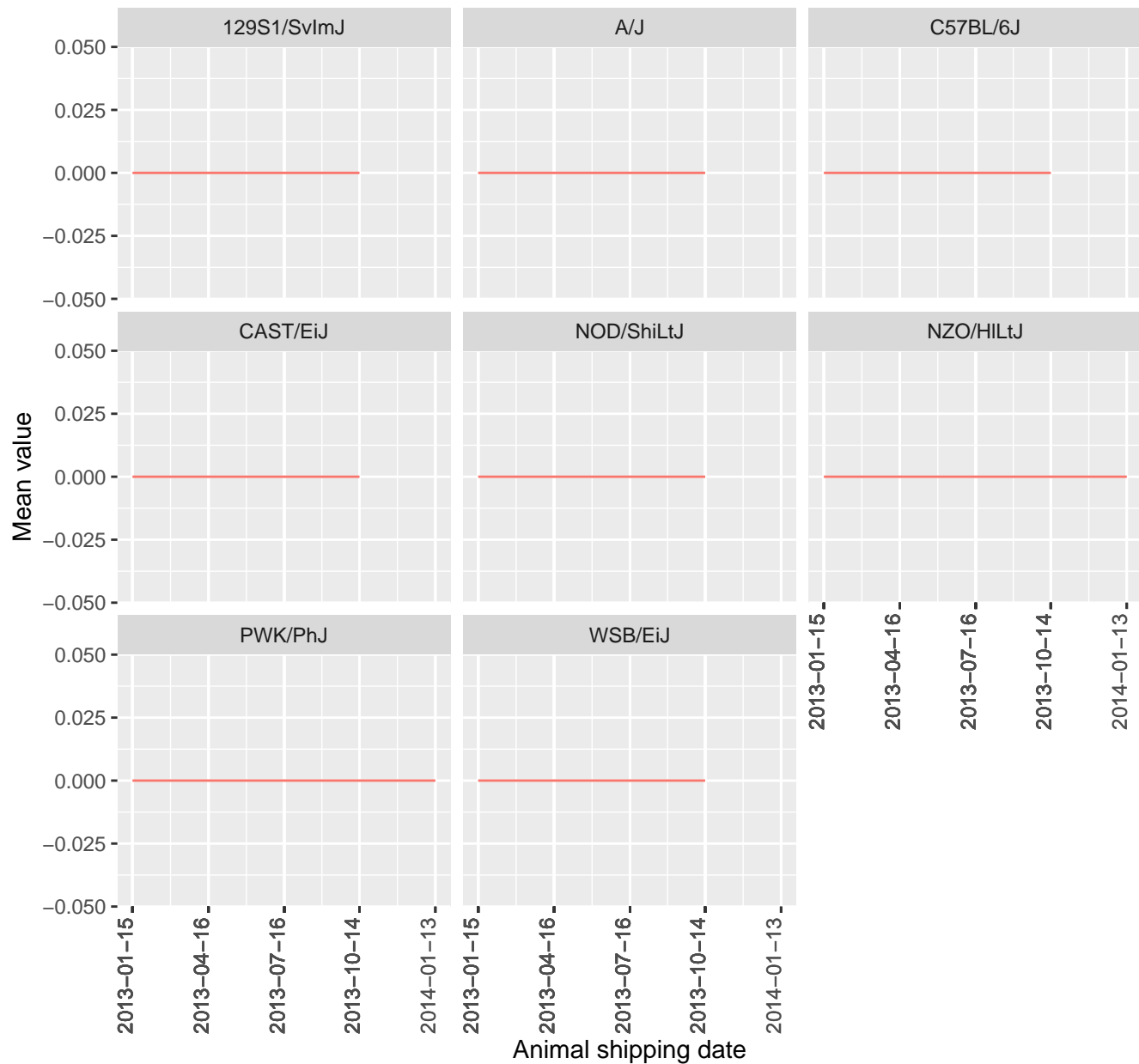


Procedure: GMC03
Parameter: lacrimation

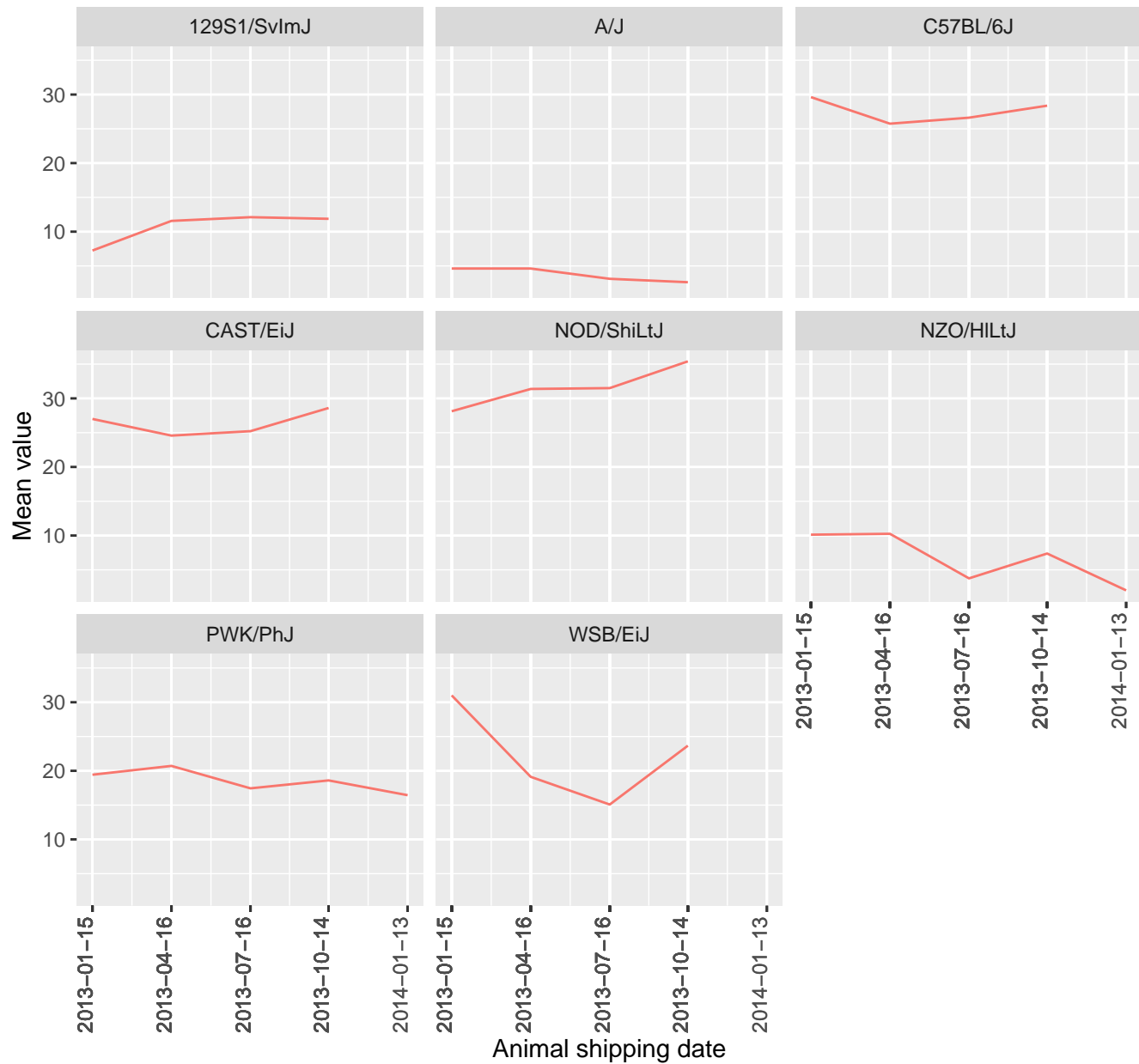


Procedure: GMC03

Parameter: limb_grasping

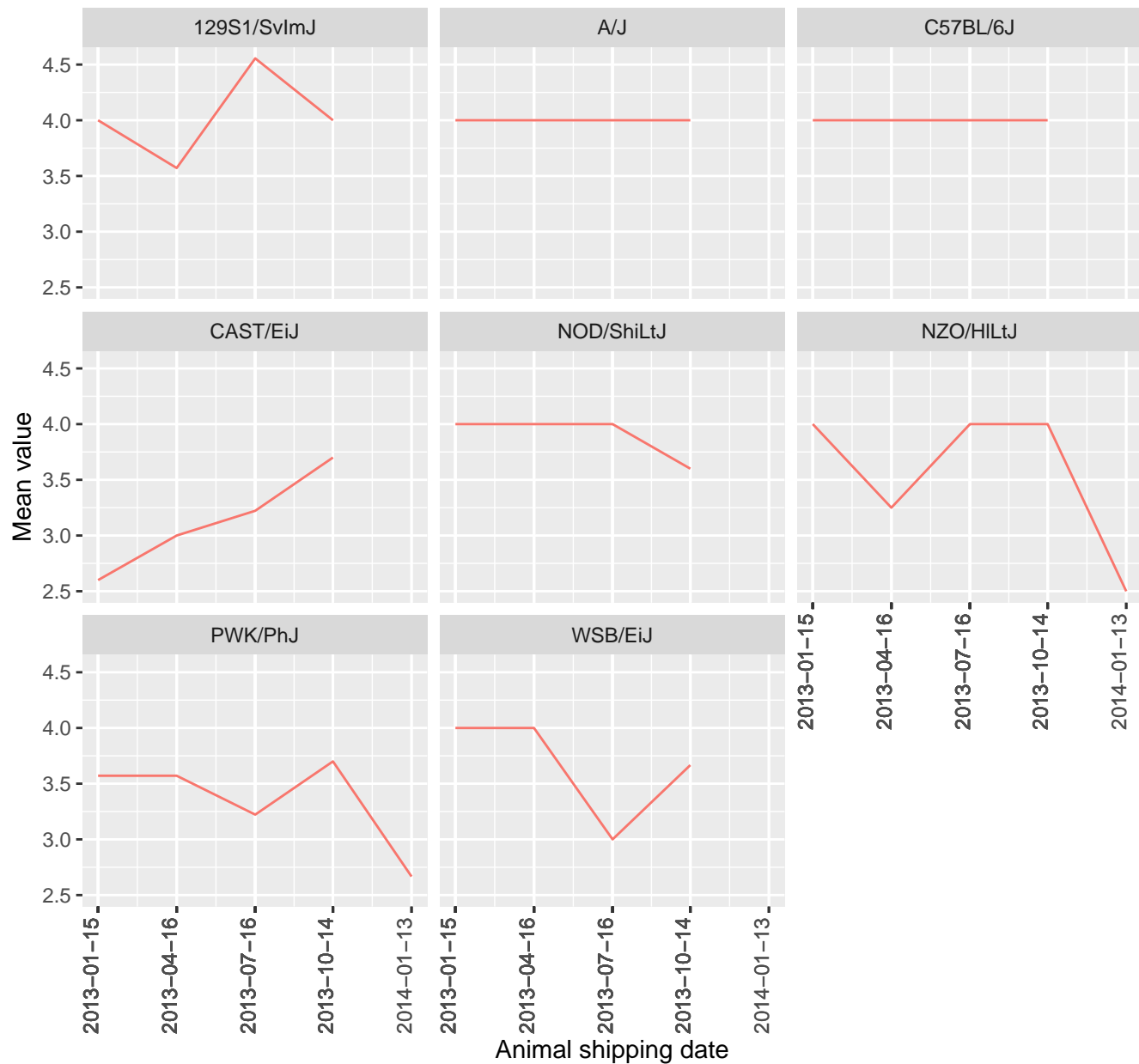


Procedure: GMC03
Parameter: loco_activity



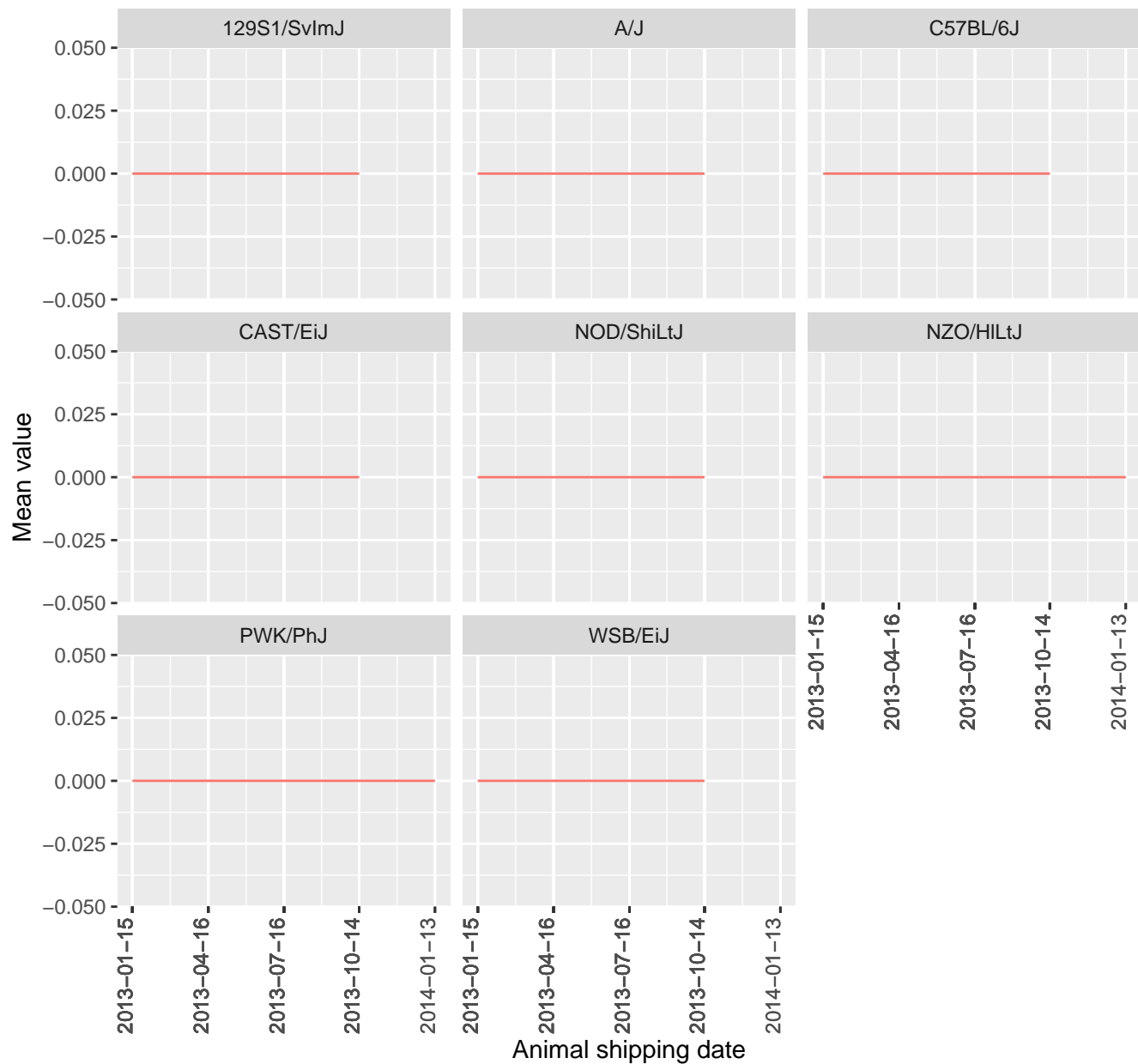
Procedure: GMC03

Parameter: num_mice_per_cage

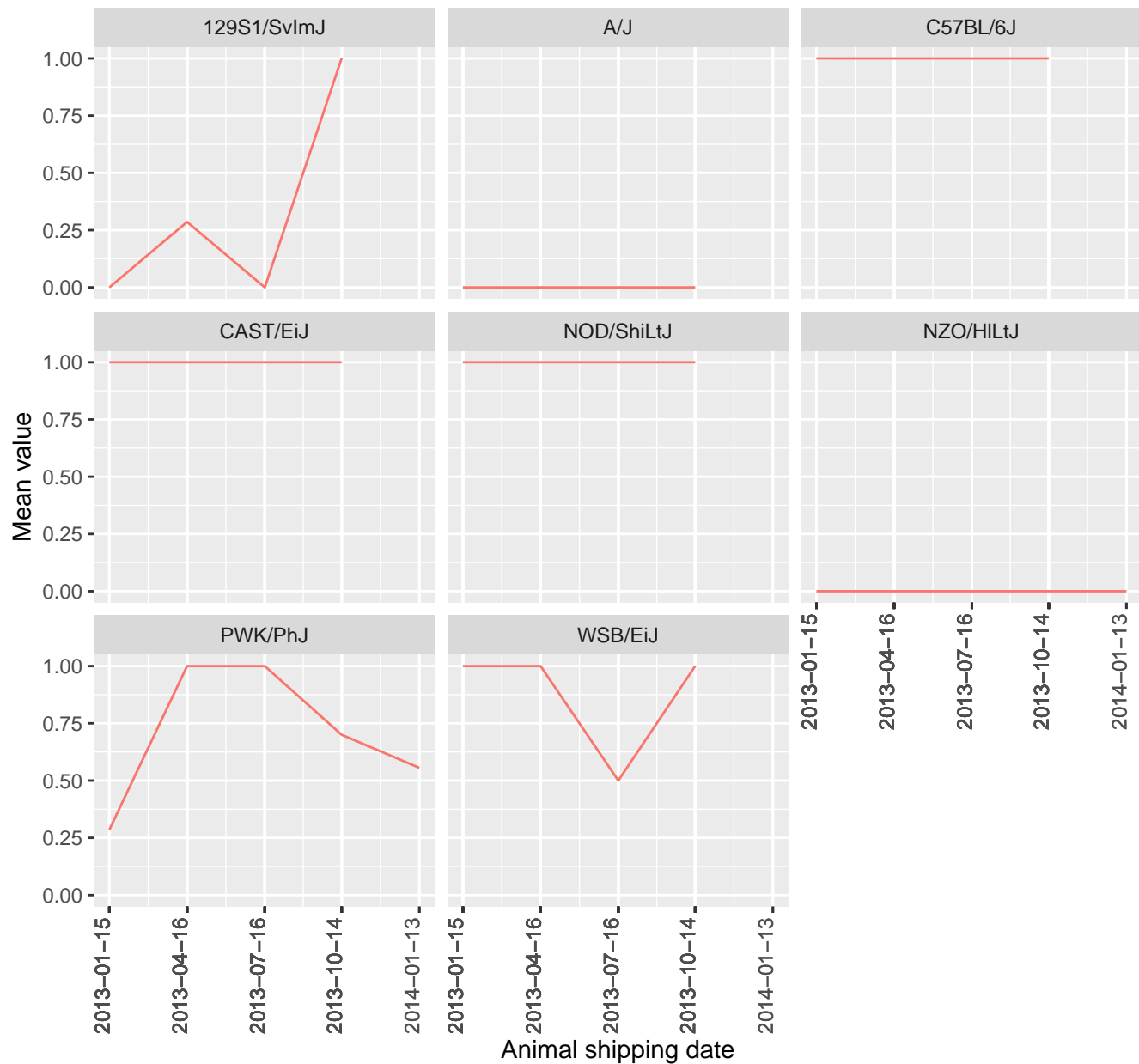


Procedure: GMC03

Parameter: palebral_closure

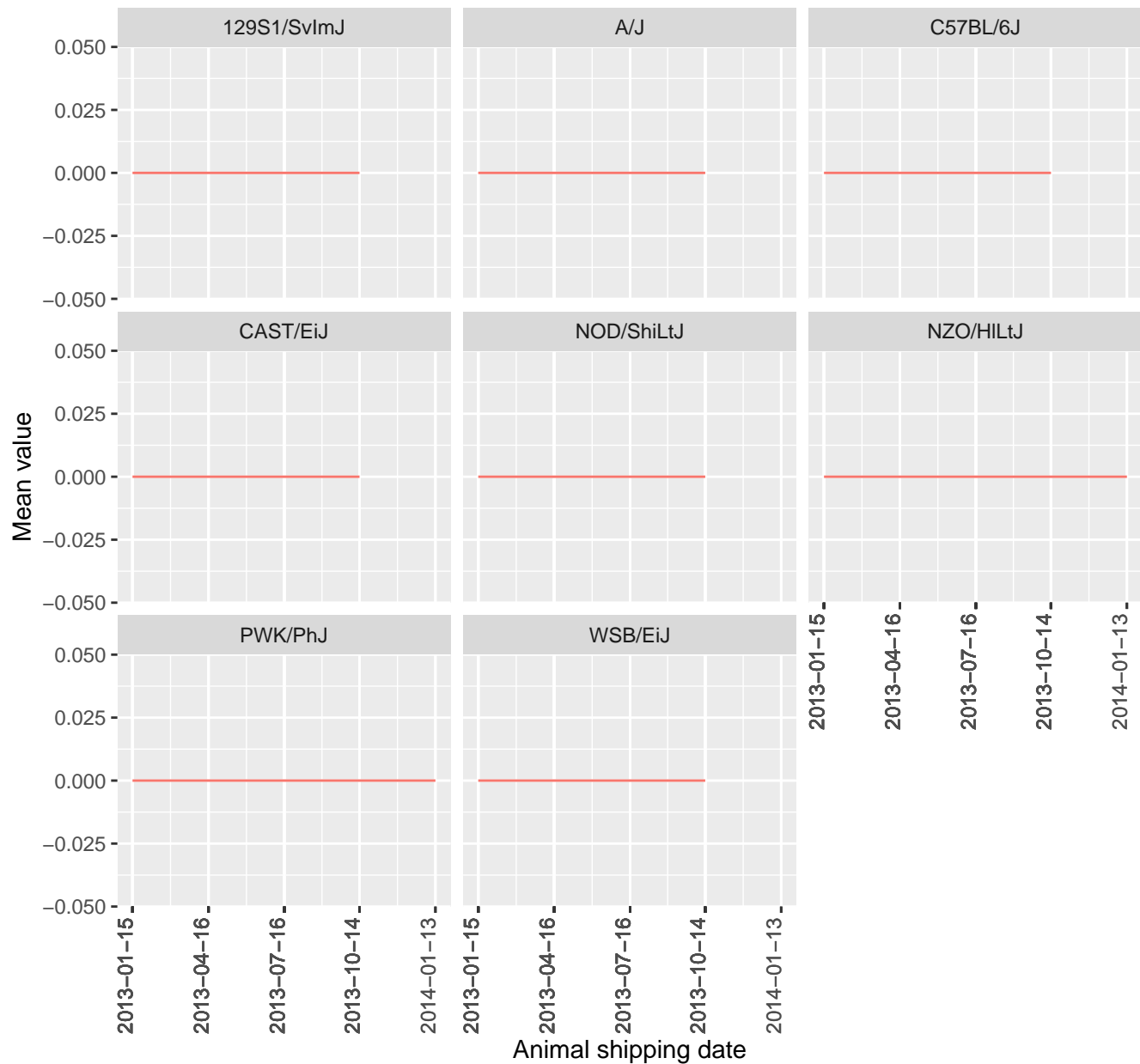


Procedure: GMC03
Parameter: pelvic_elev

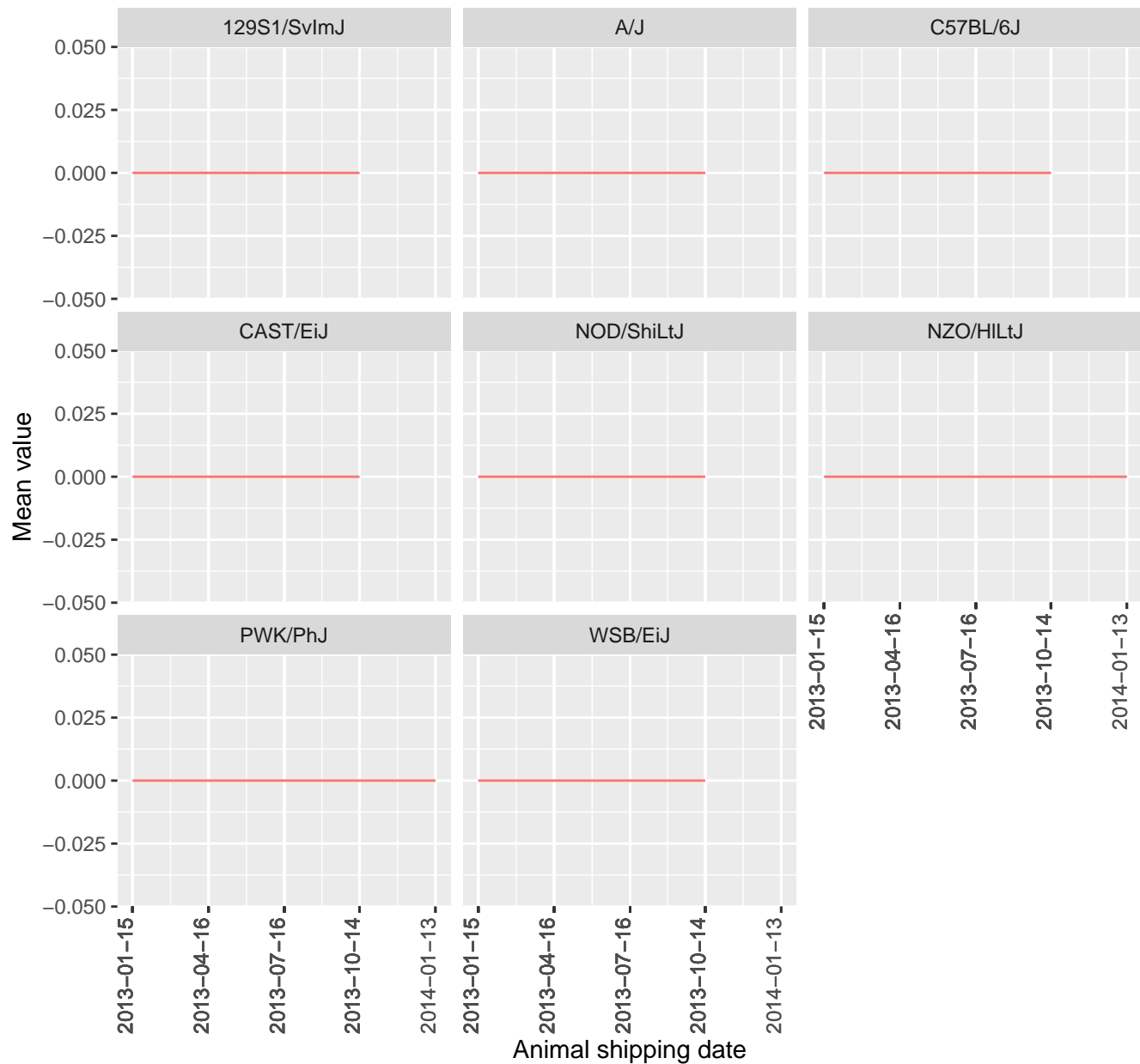


Procedure: GMC03

Parameter: pinna_reflex

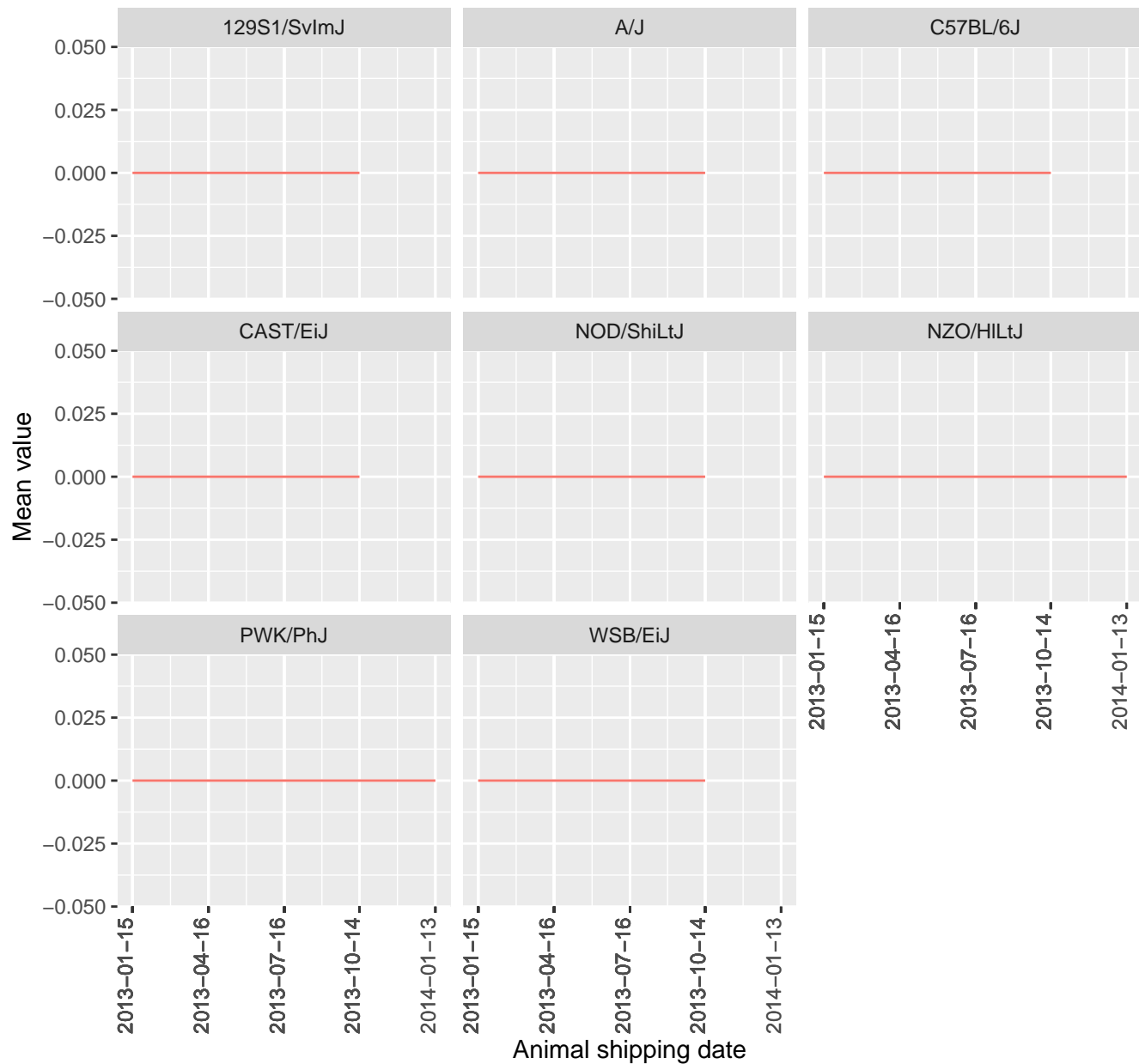


Procedure: GMC03
Parameter: pos_pass

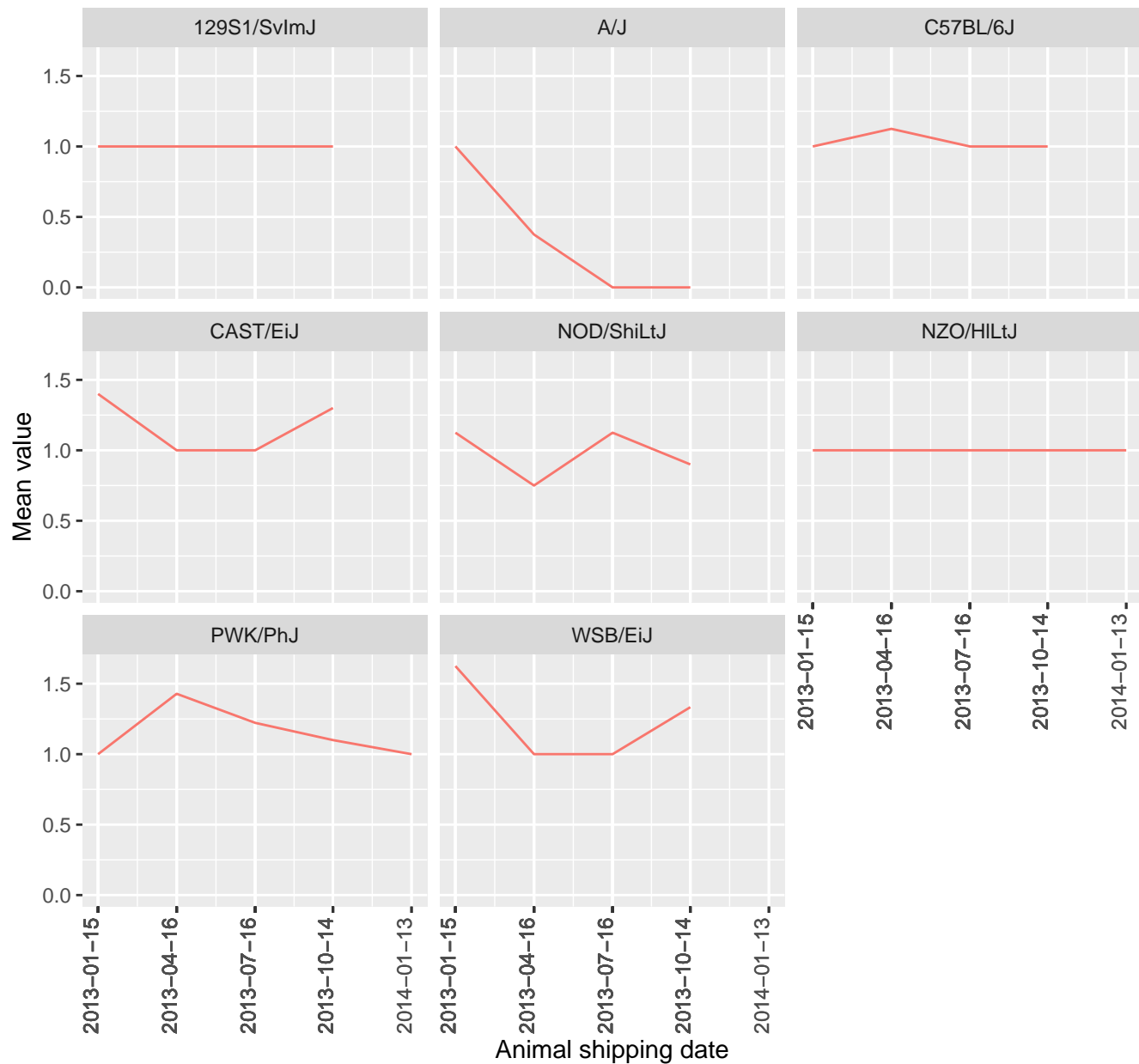


Procedure: GMC03

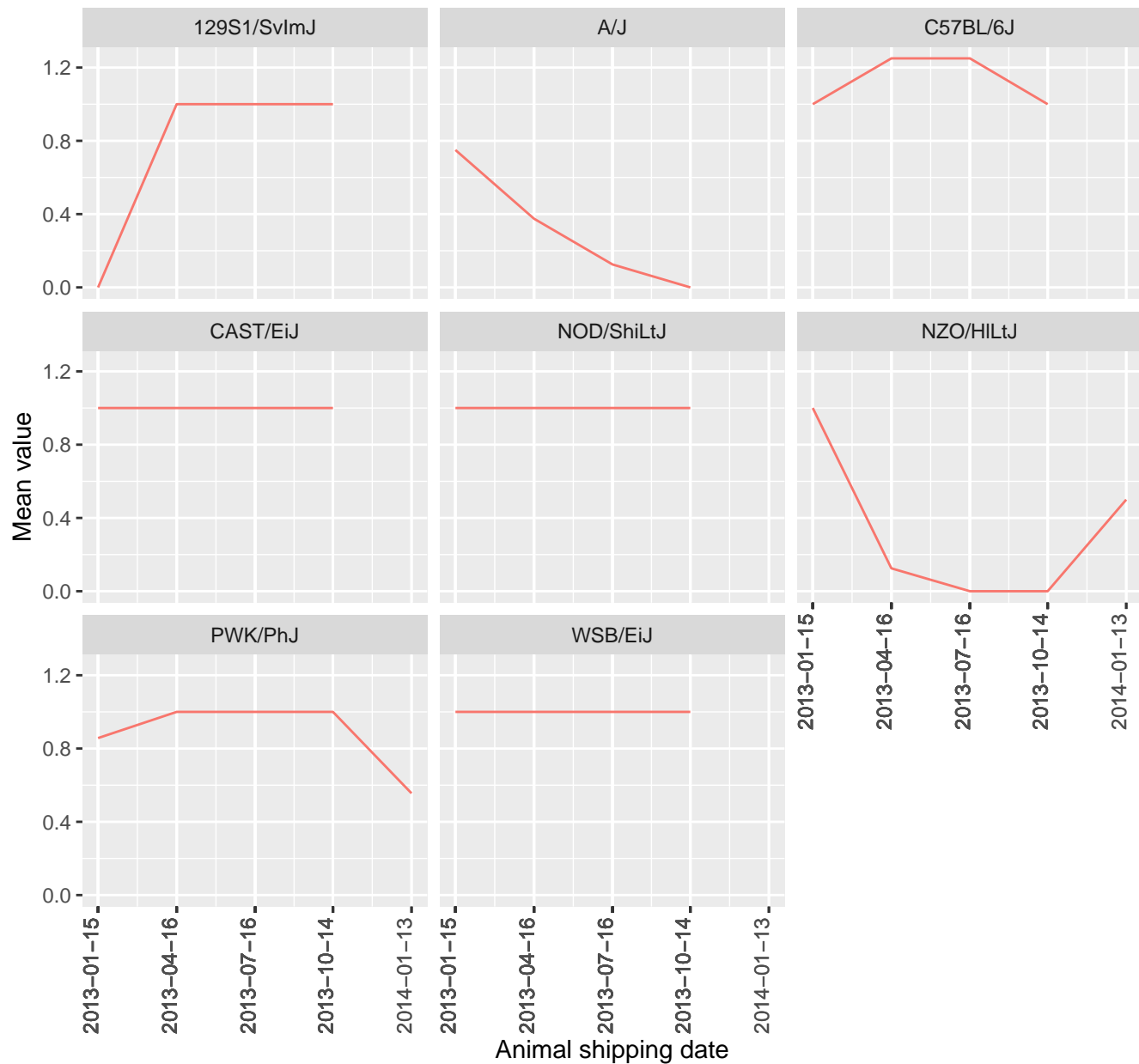
Parameter: righting_reflex



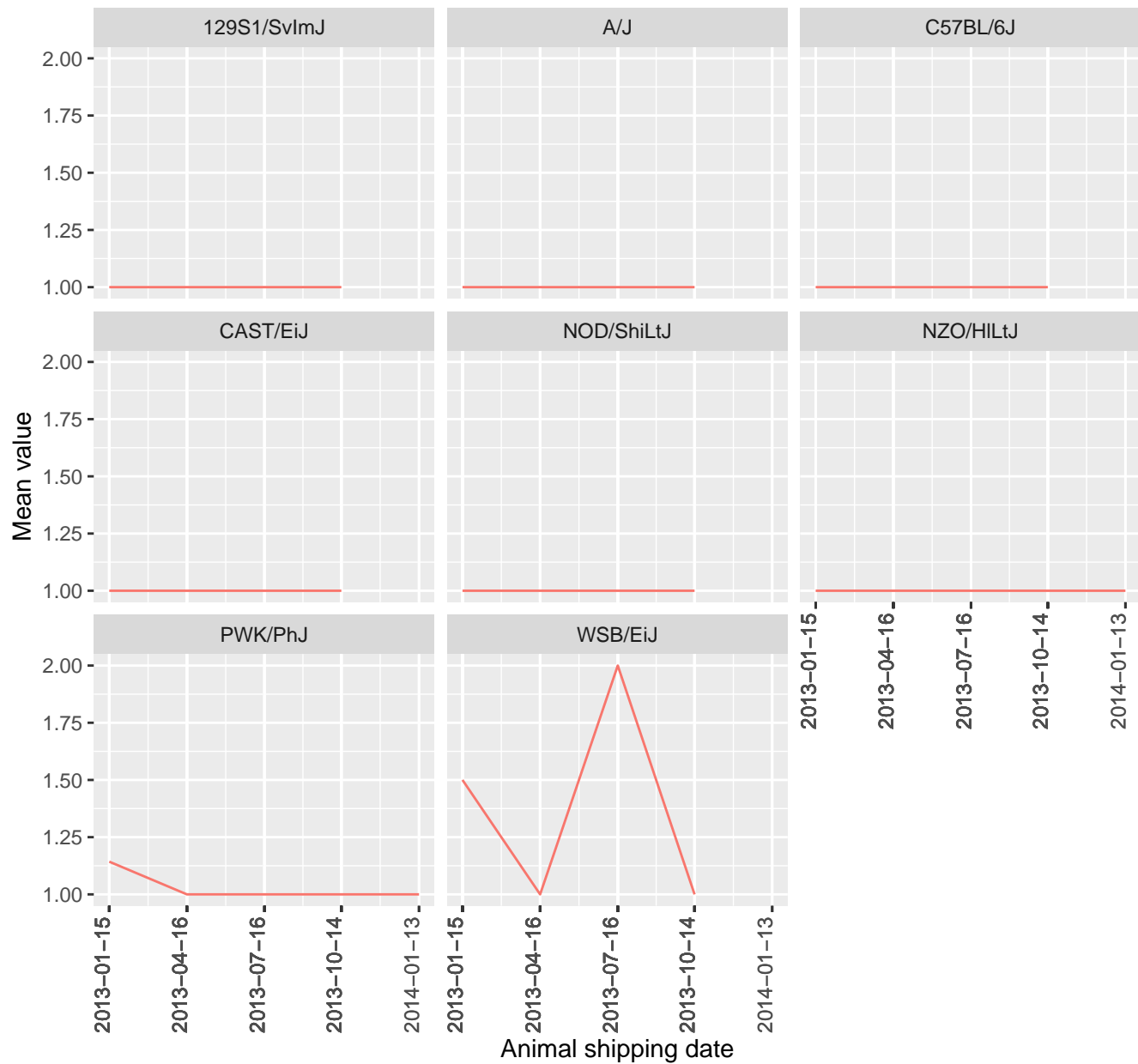
Procedure: GMC03
Parameter: startle_response



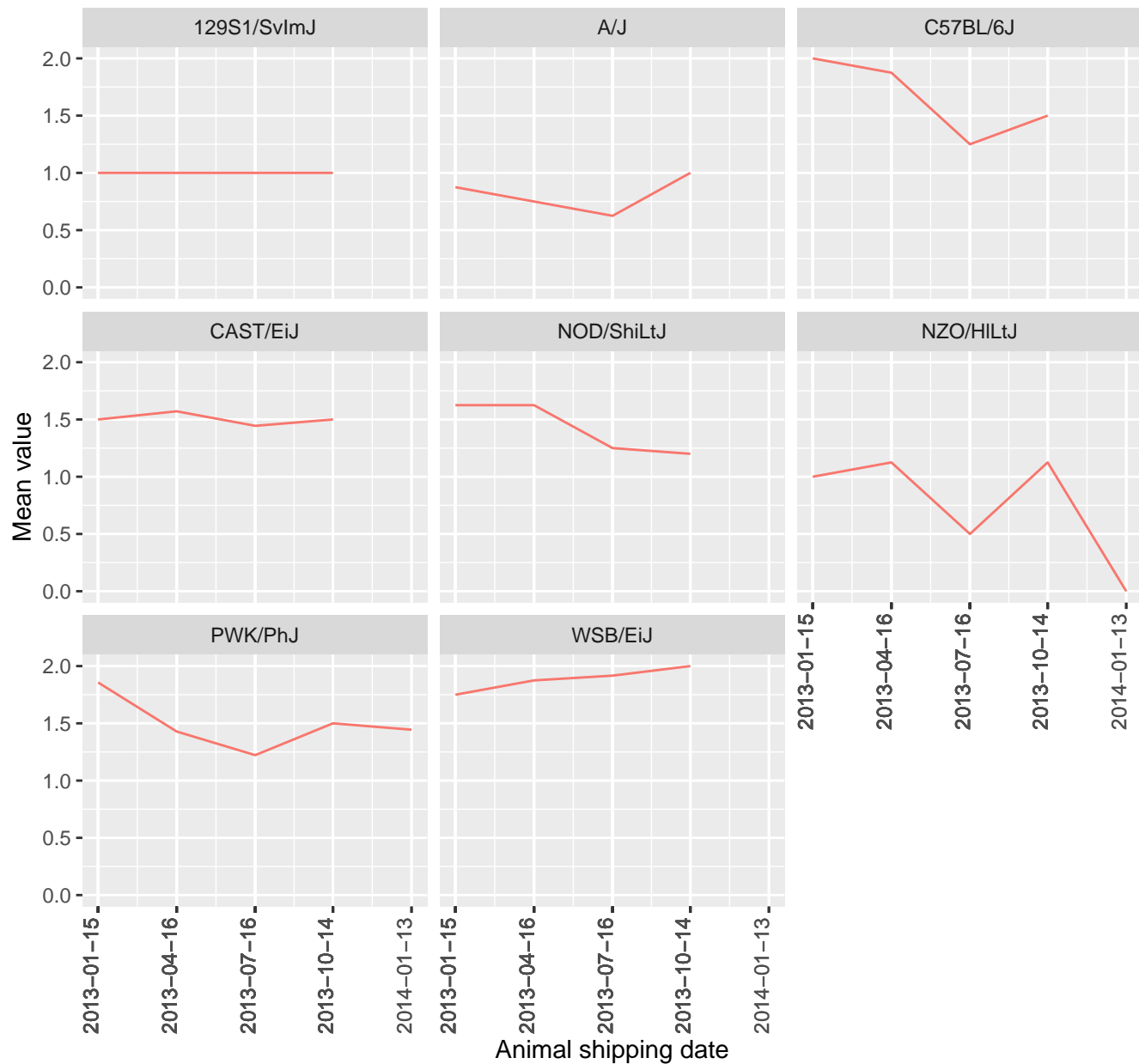
Procedure: GMC03
Parameter: tail_elev



Procedure: GMC03
Parameter: touch_escape

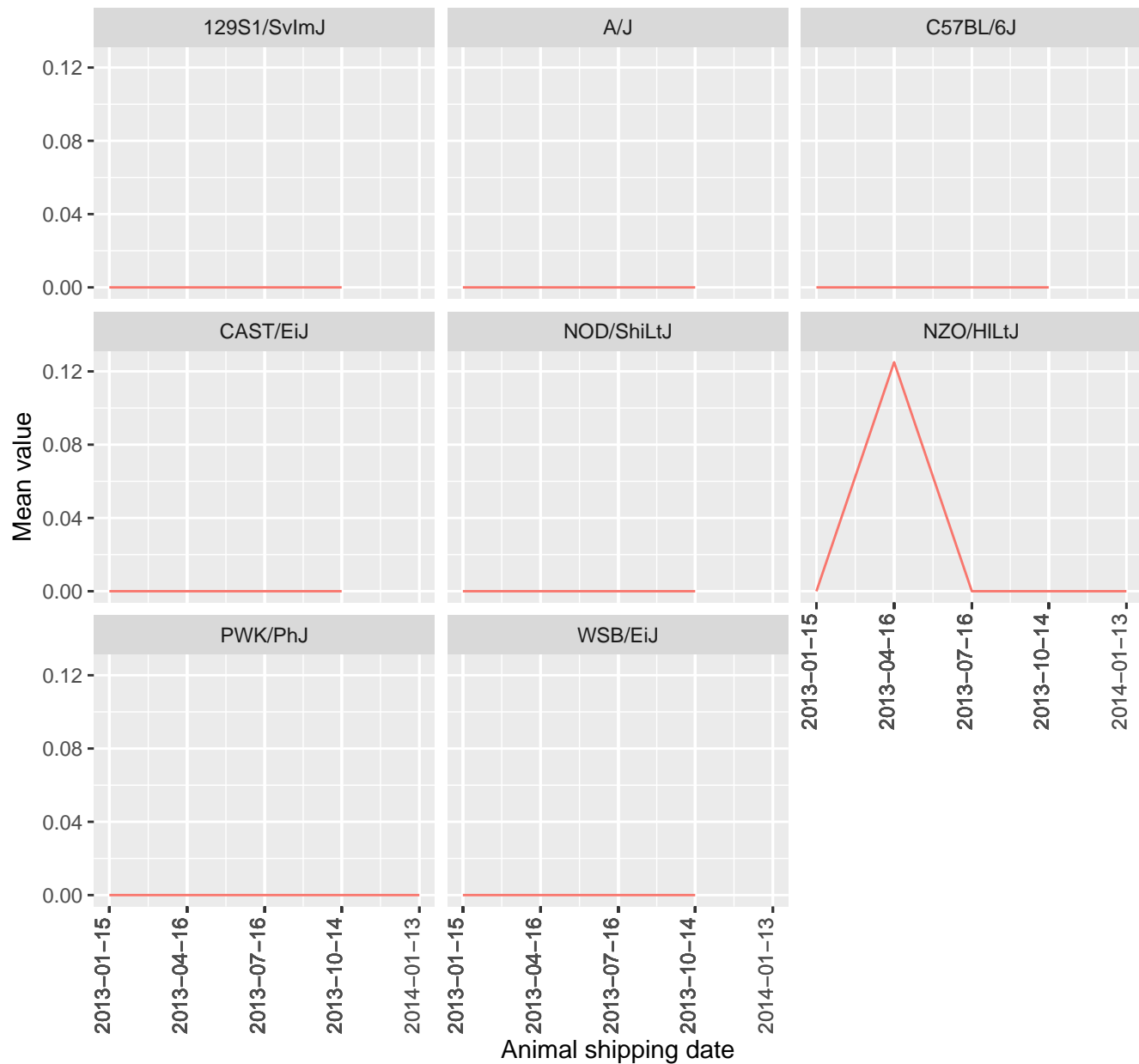


Procedure: GMC03
Parameter: transfer_arousal

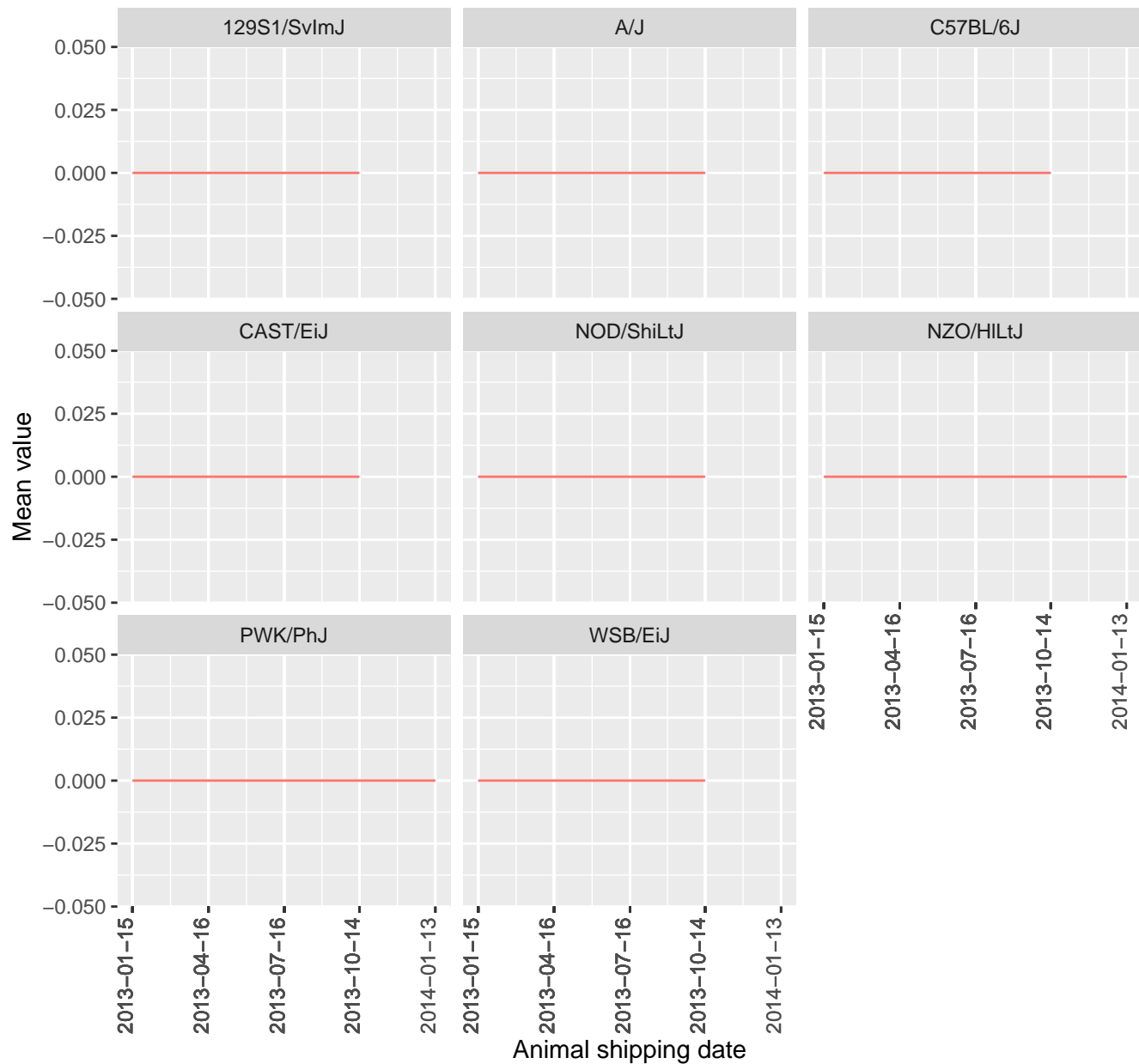


Procedure: GMC03

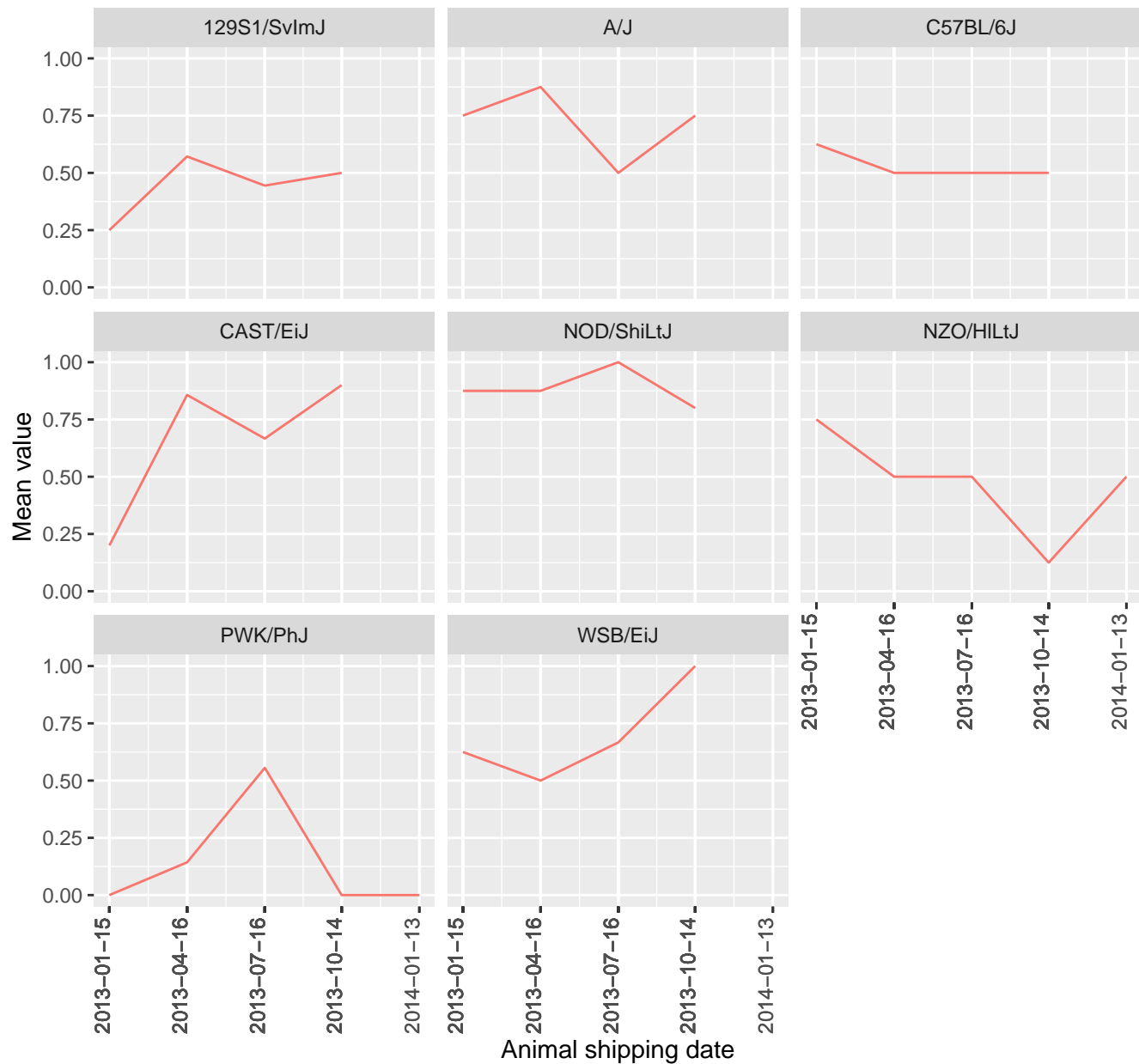
Parameter: tremor



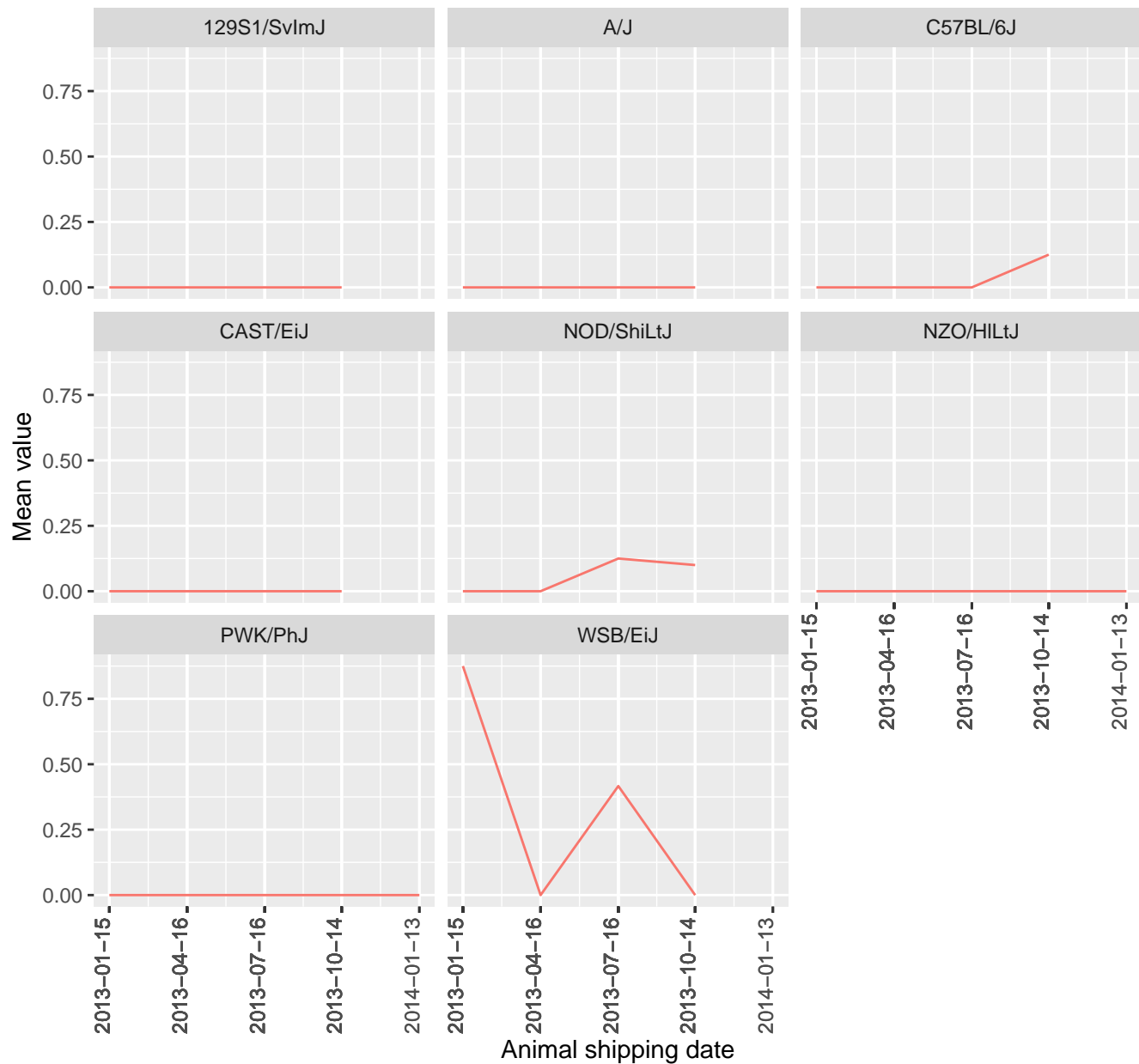
Procedure: GMC03
Parameter: trunk_curl



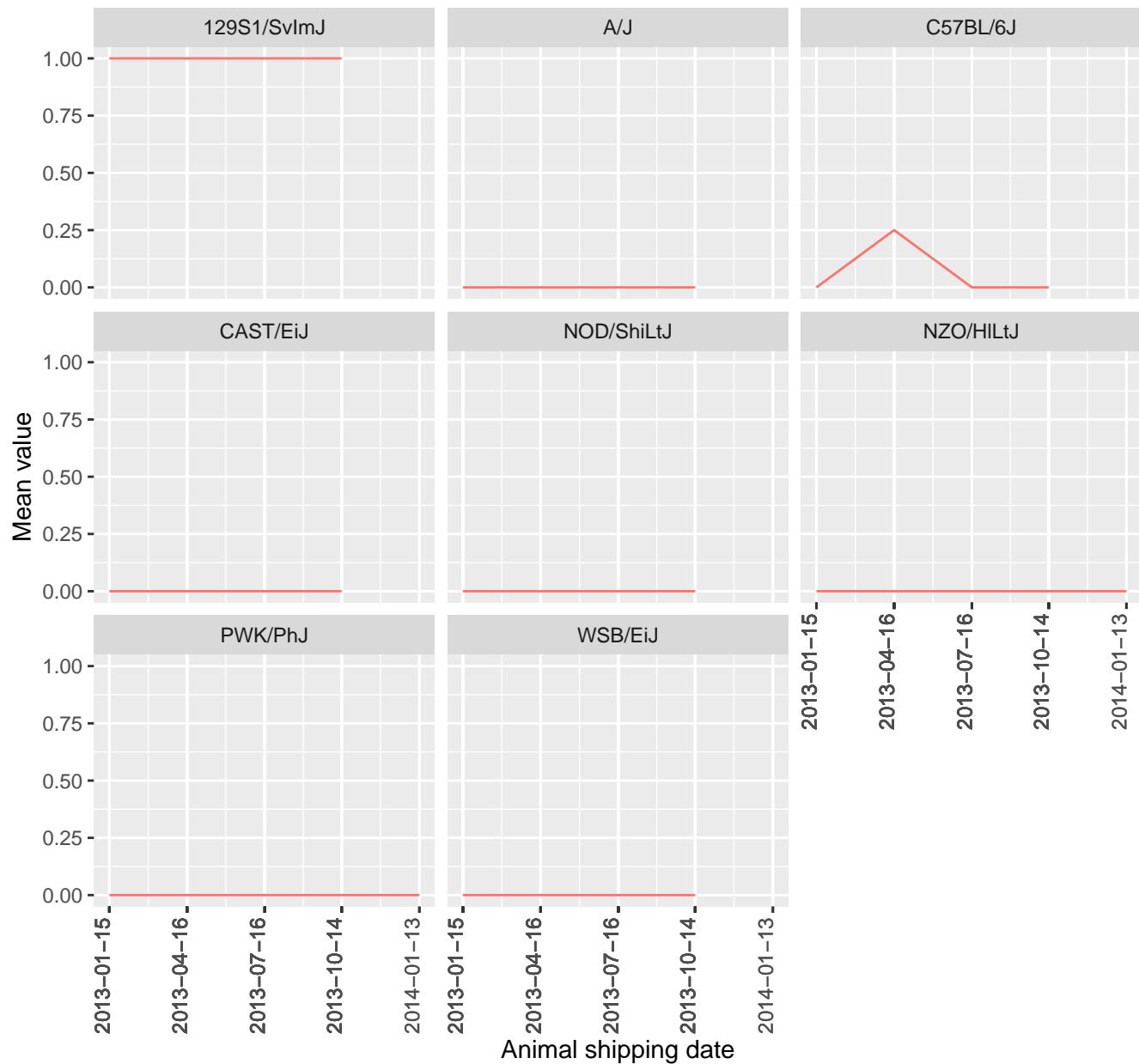
Procedure: GMC03
Parameter: urinate



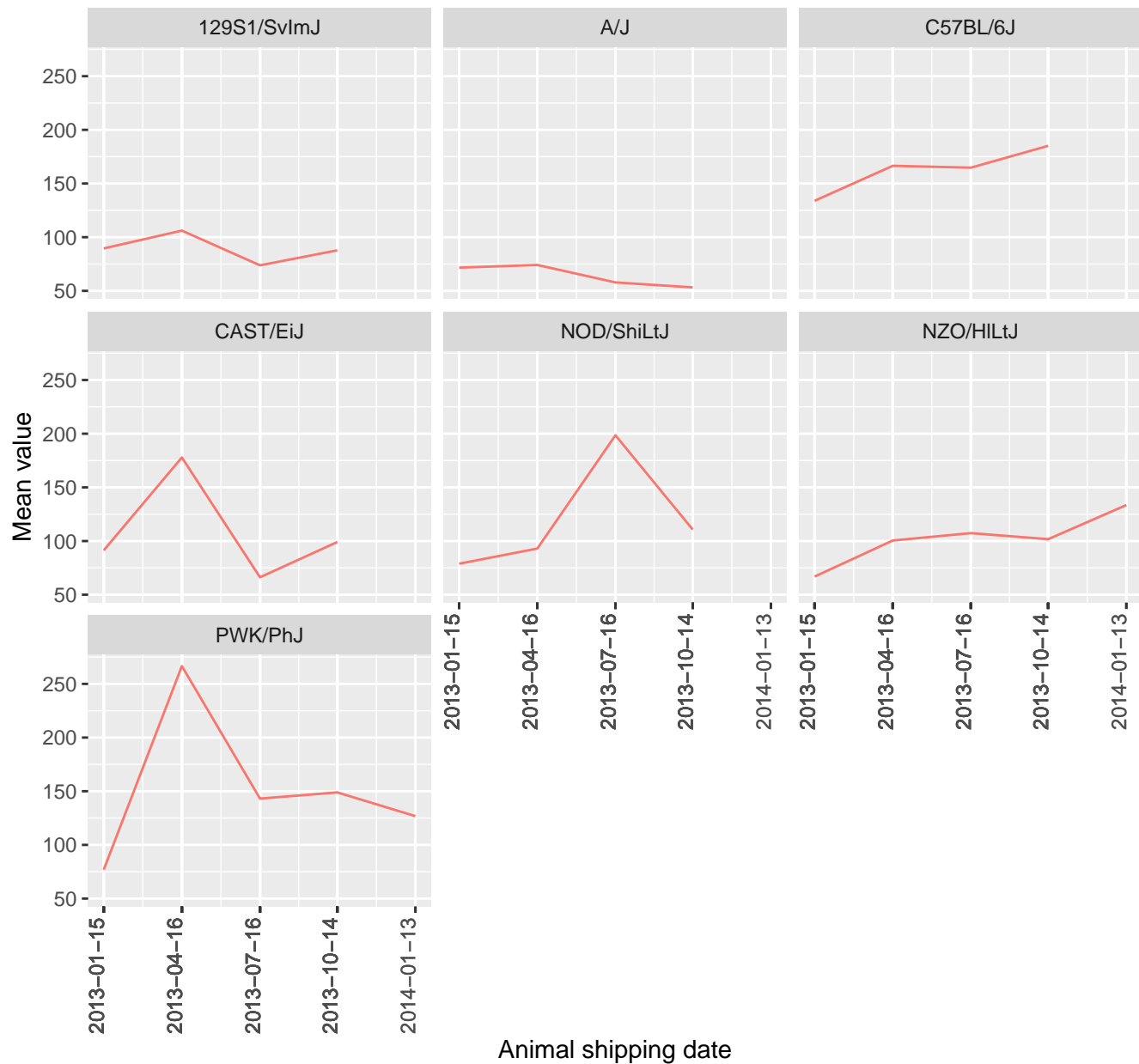
Procedure: GMC03
Parameter: vocalization



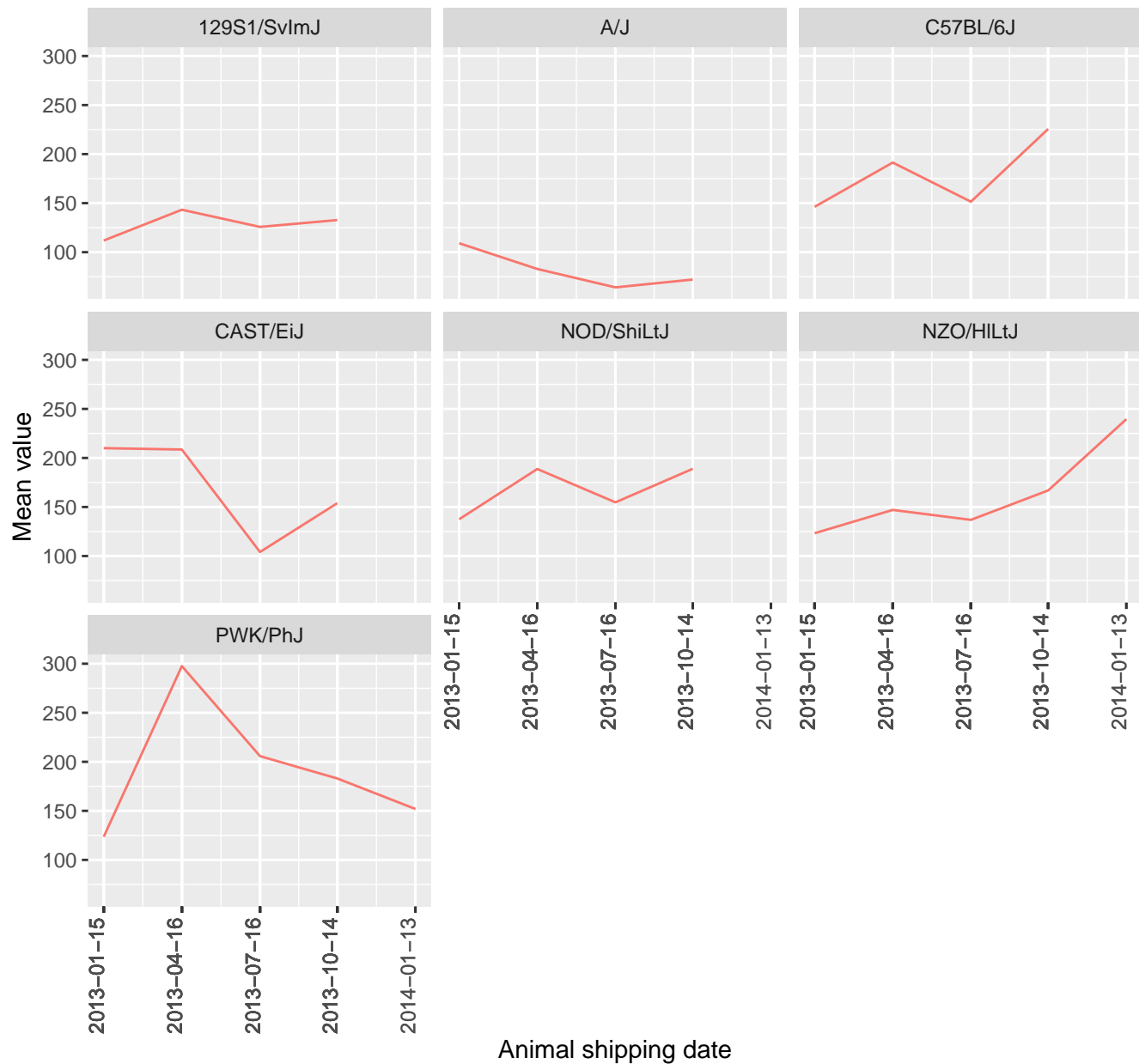
Procedure: GMC03
Parameter: whiskers



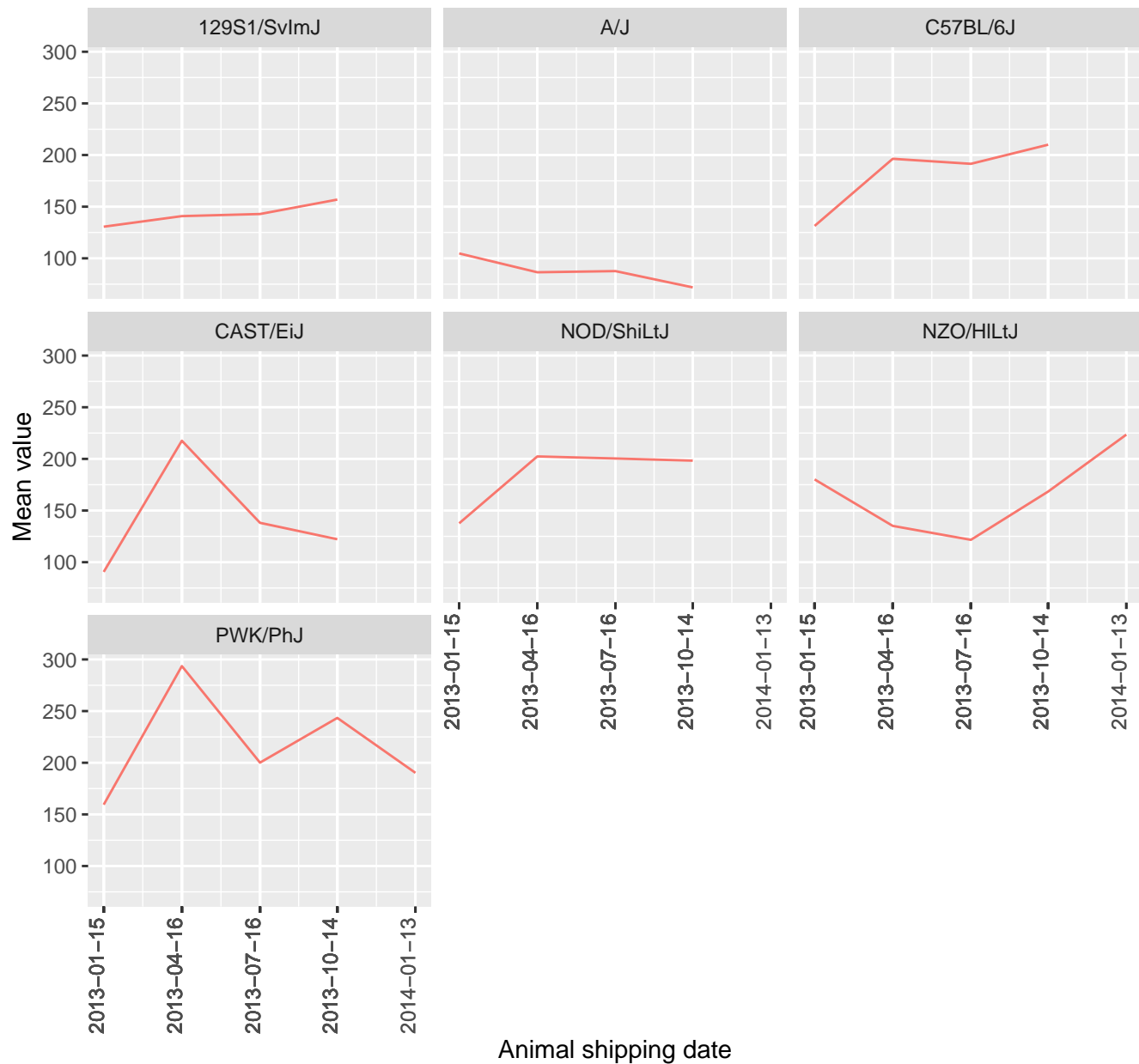
Procedure: GMC04
Parameter: LatFall_1



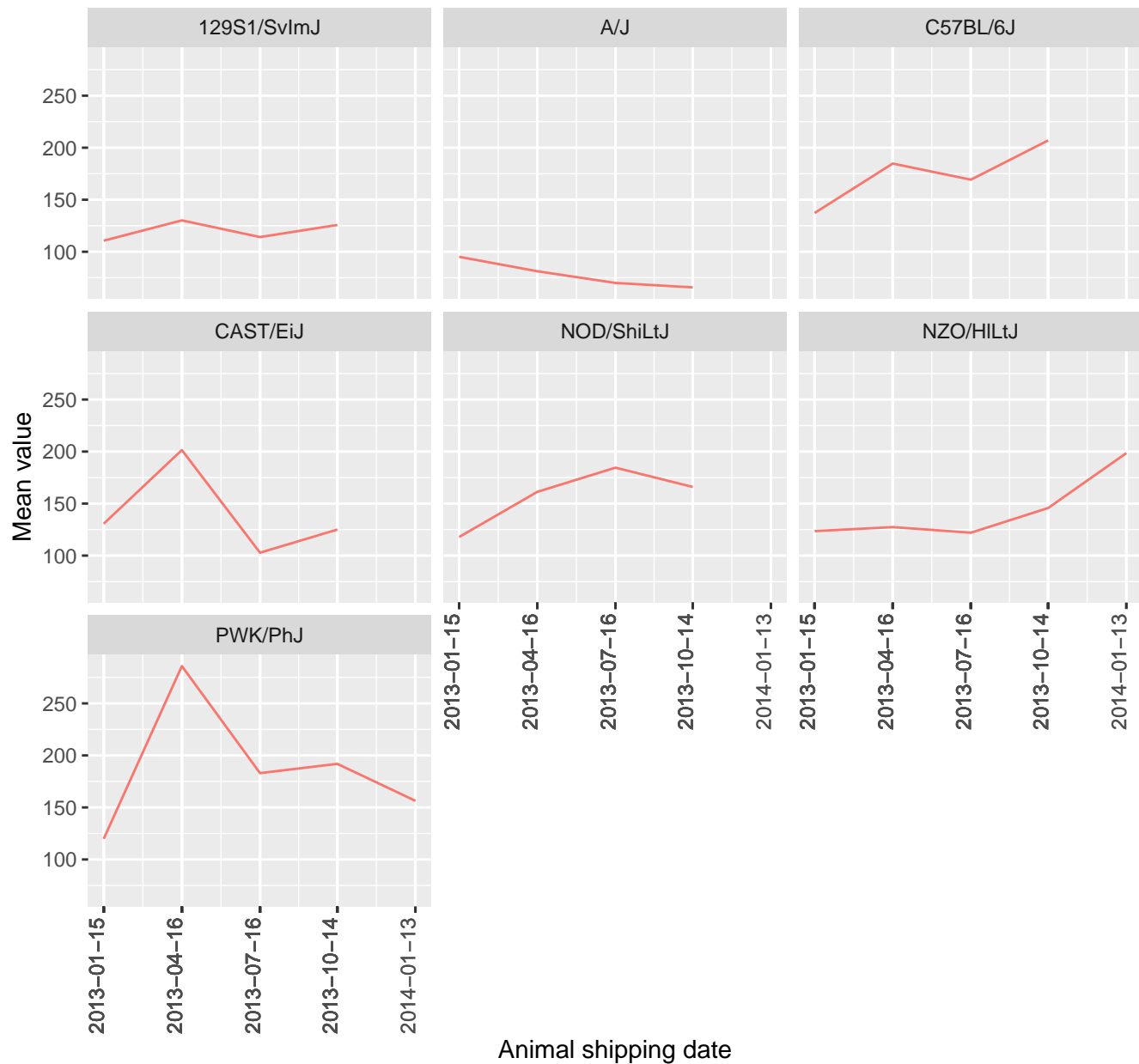
Procedure: GMC04
Parameter: LatFall_2



Procedure: GMC04
Parameter: LatFall_3

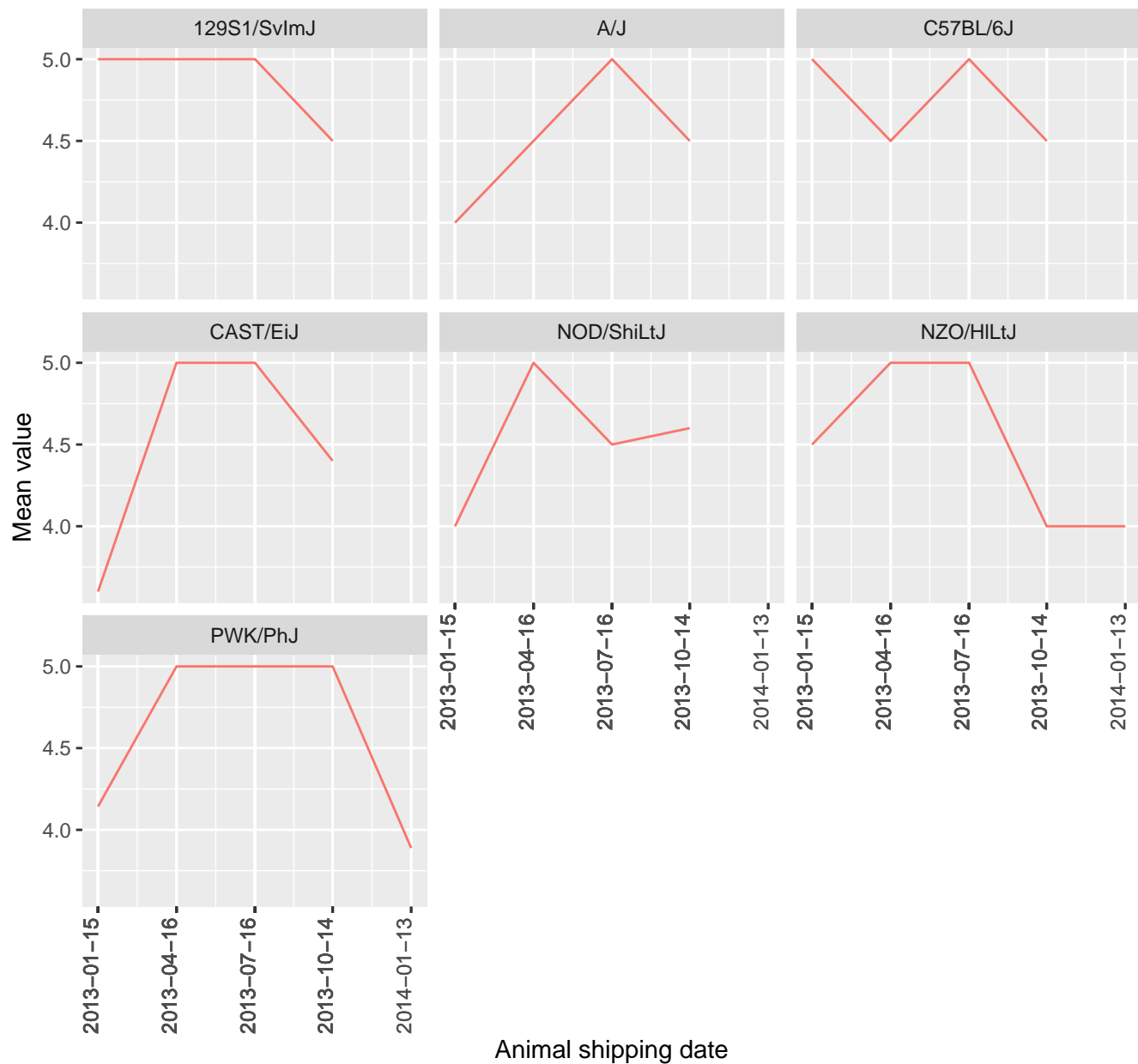


Procedure: GMC04
Parameter: LatFall_mean

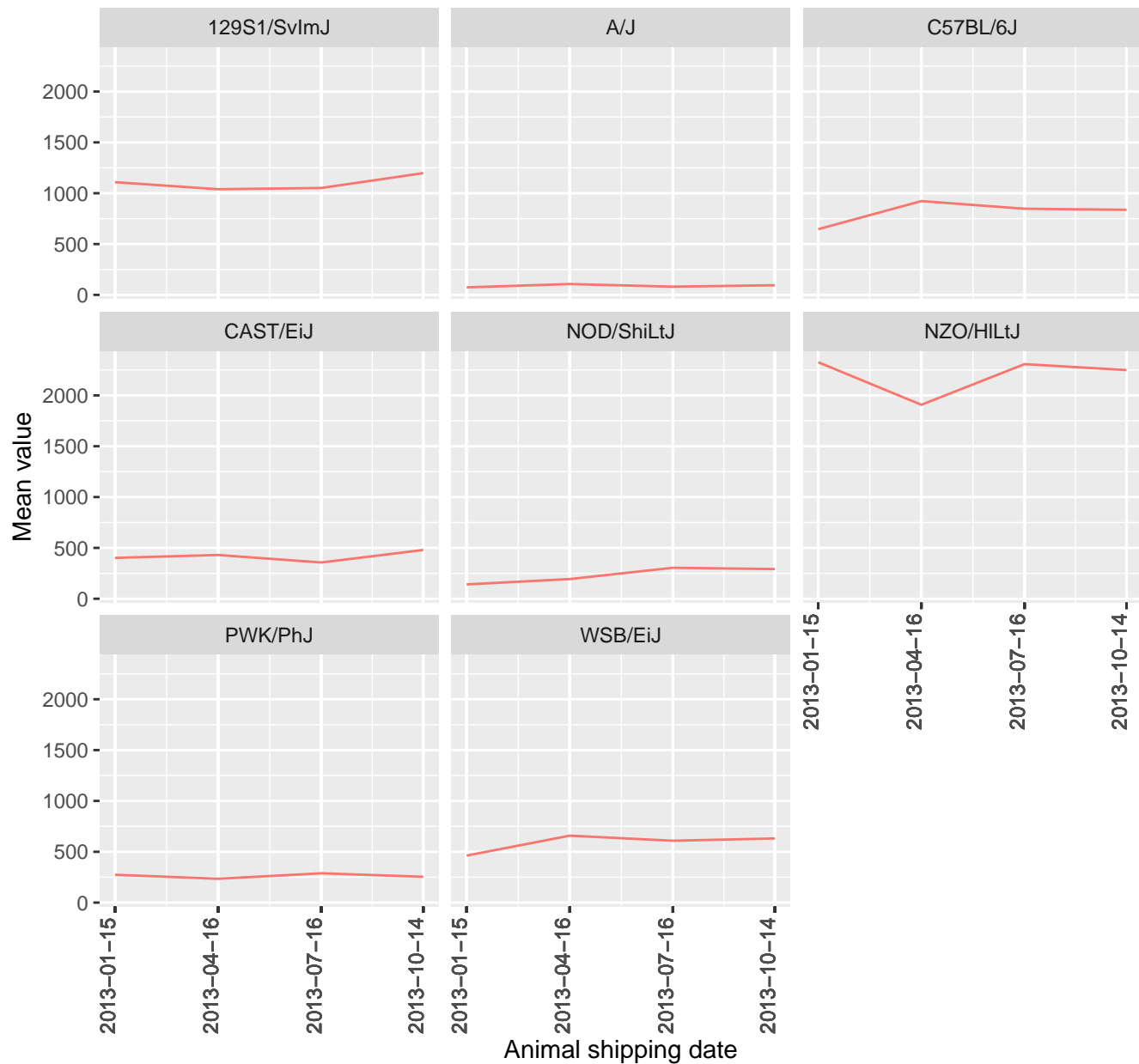


Procedure: GMC04

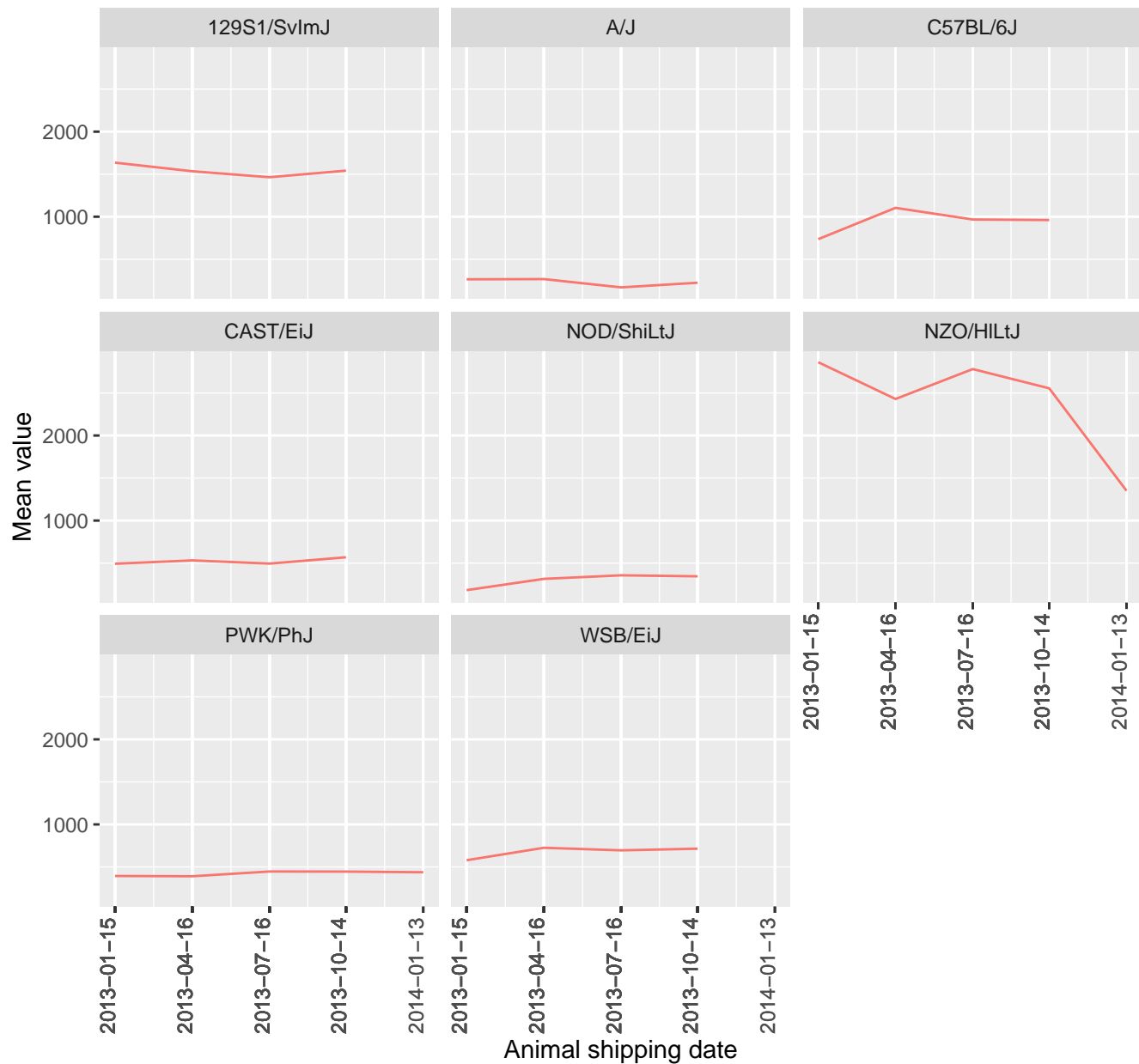
Parameter: num_mice_on_rotarod



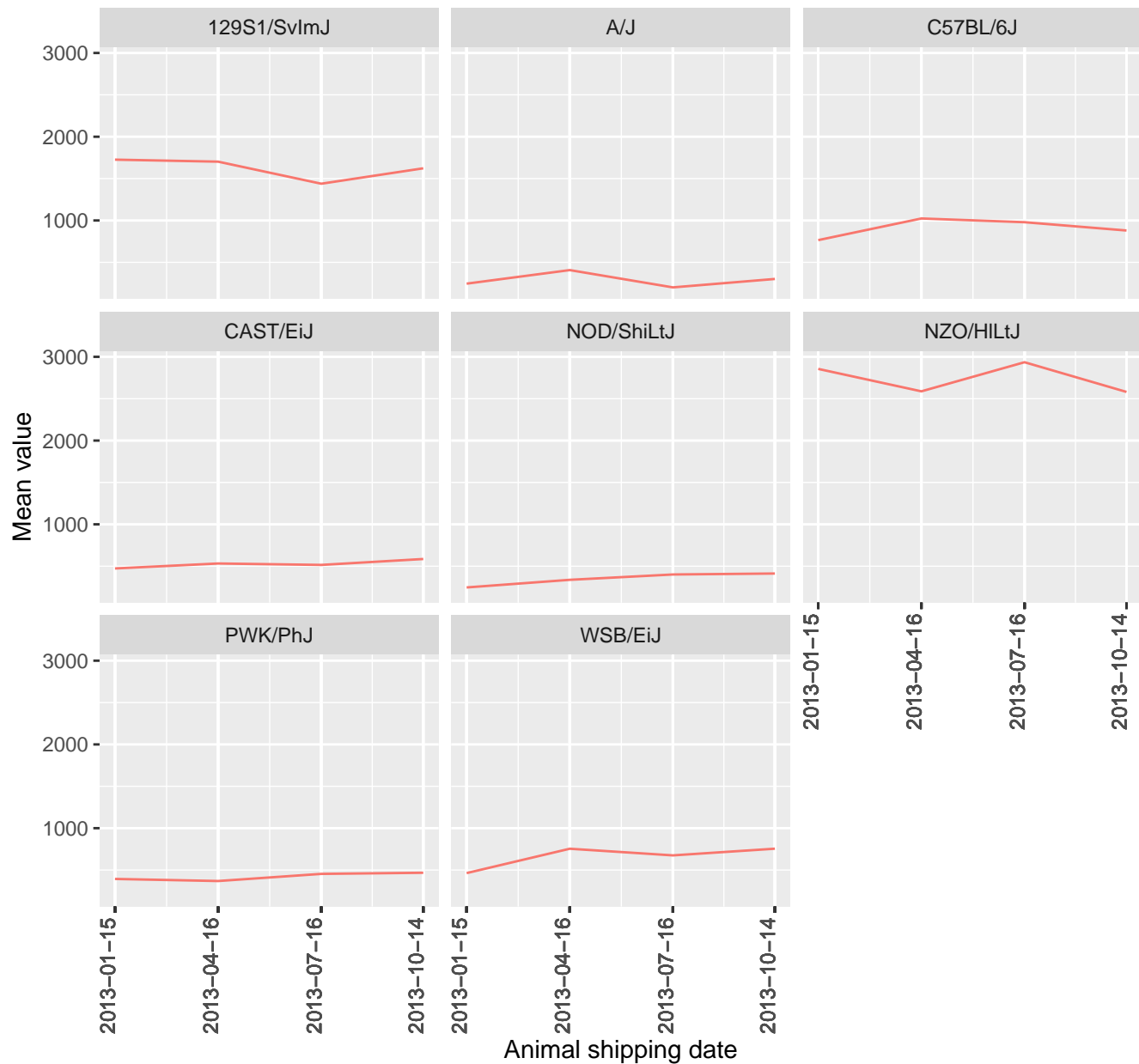
Procedure: GMC05
Parameter: ASR_100



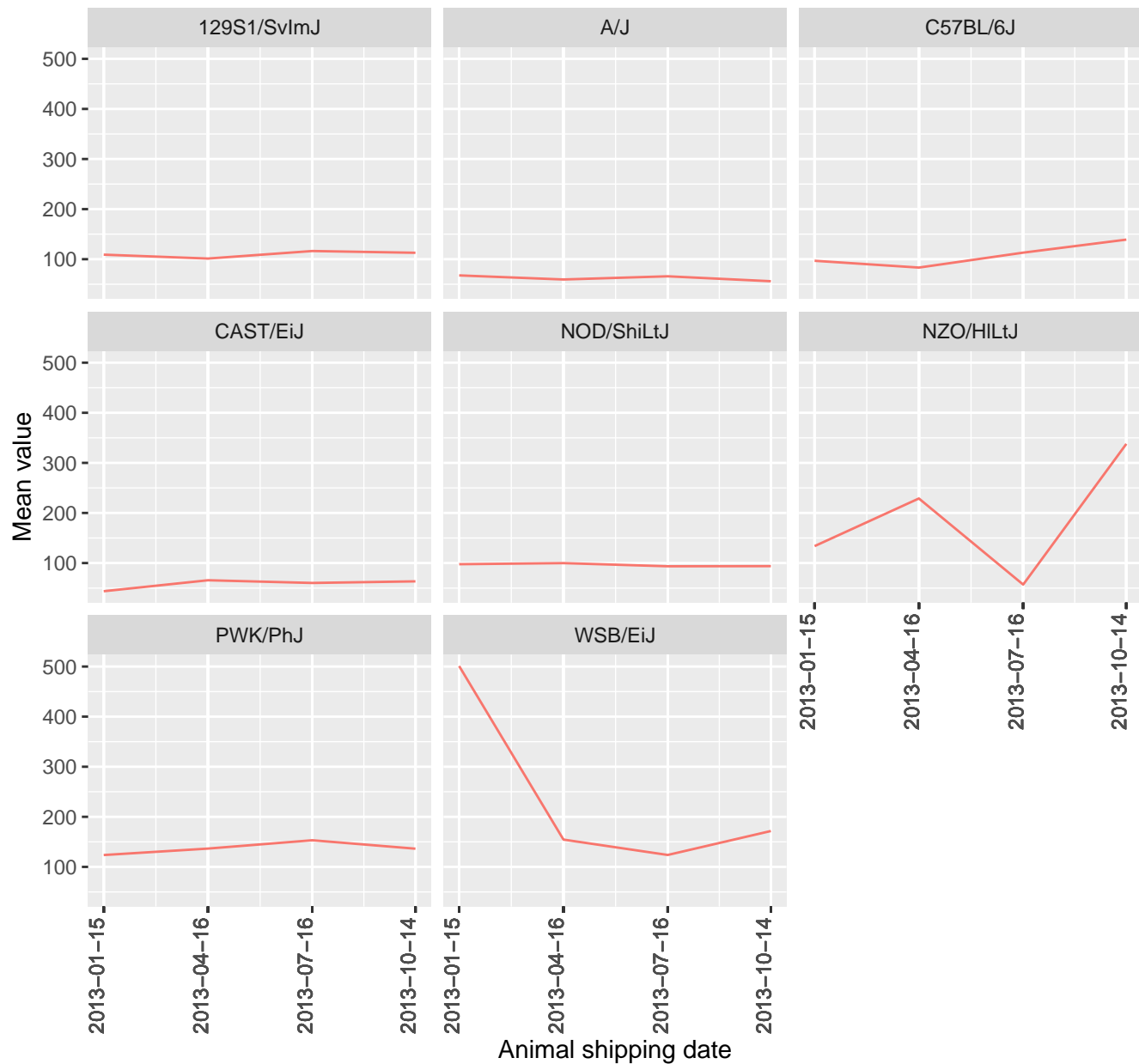
Procedure: GMC05
Parameter: ASR_110



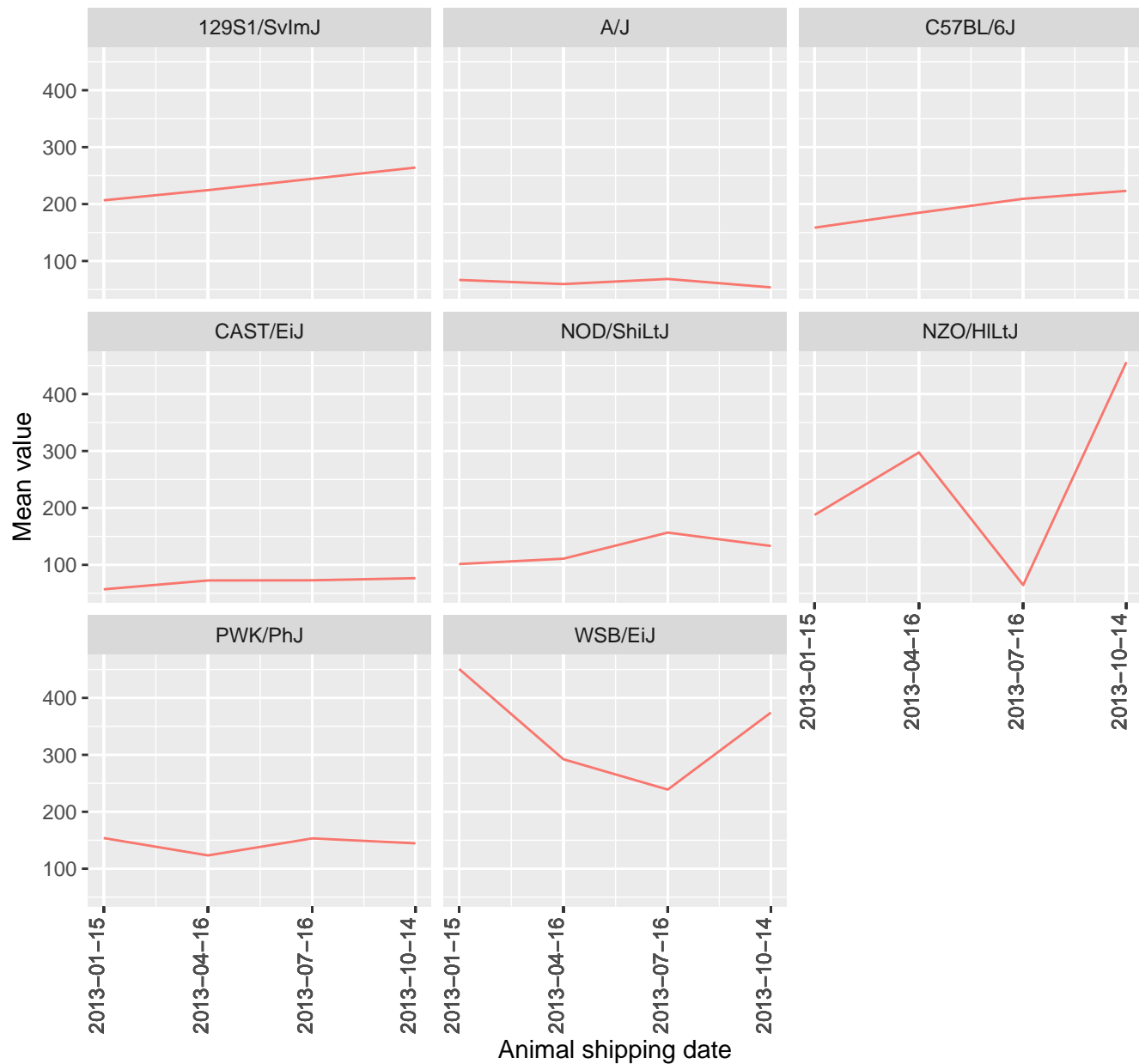
Procedure: GMC05
Parameter: ASR_120



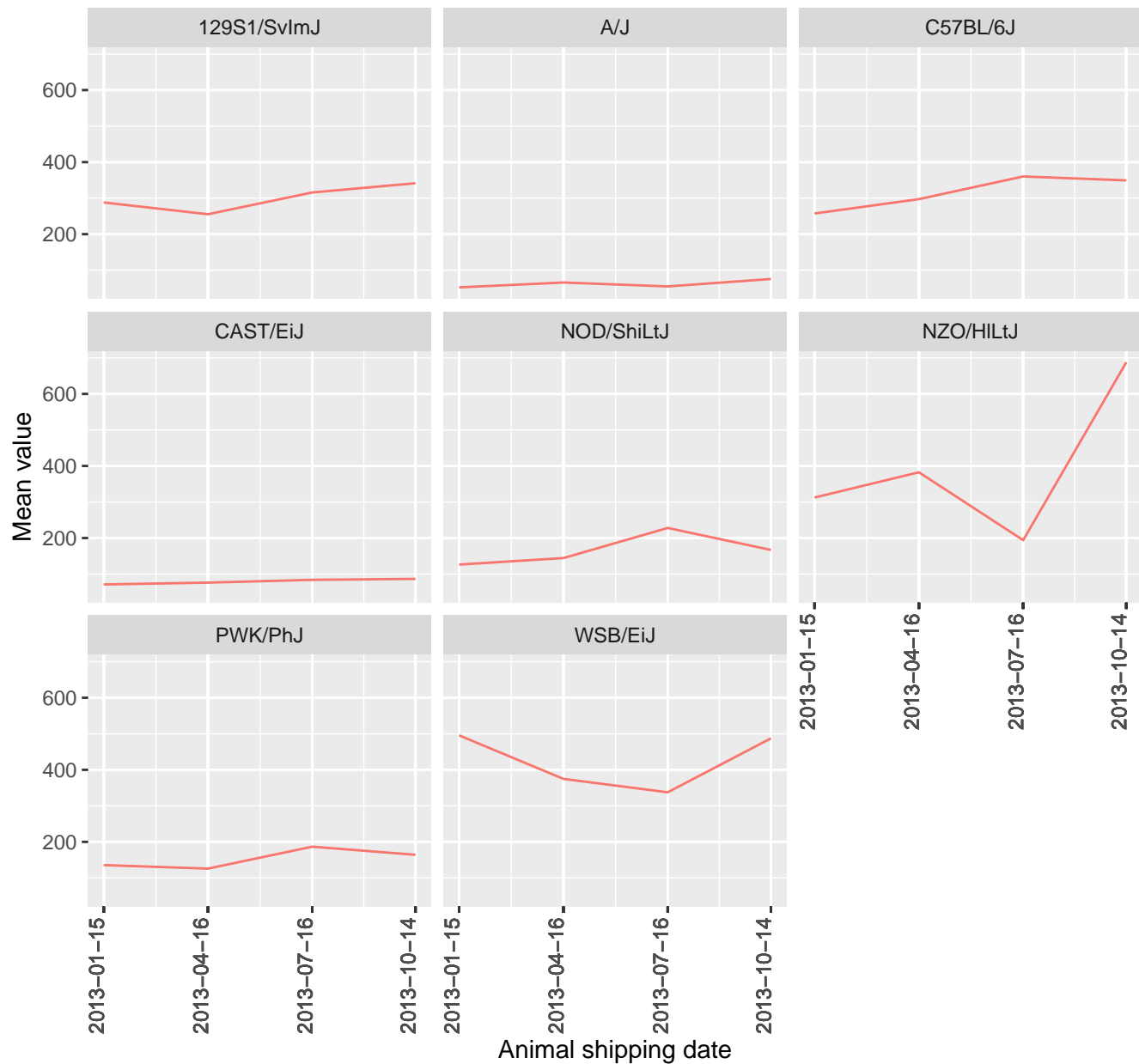
Procedure: GMC05
Parameter: ASR_70



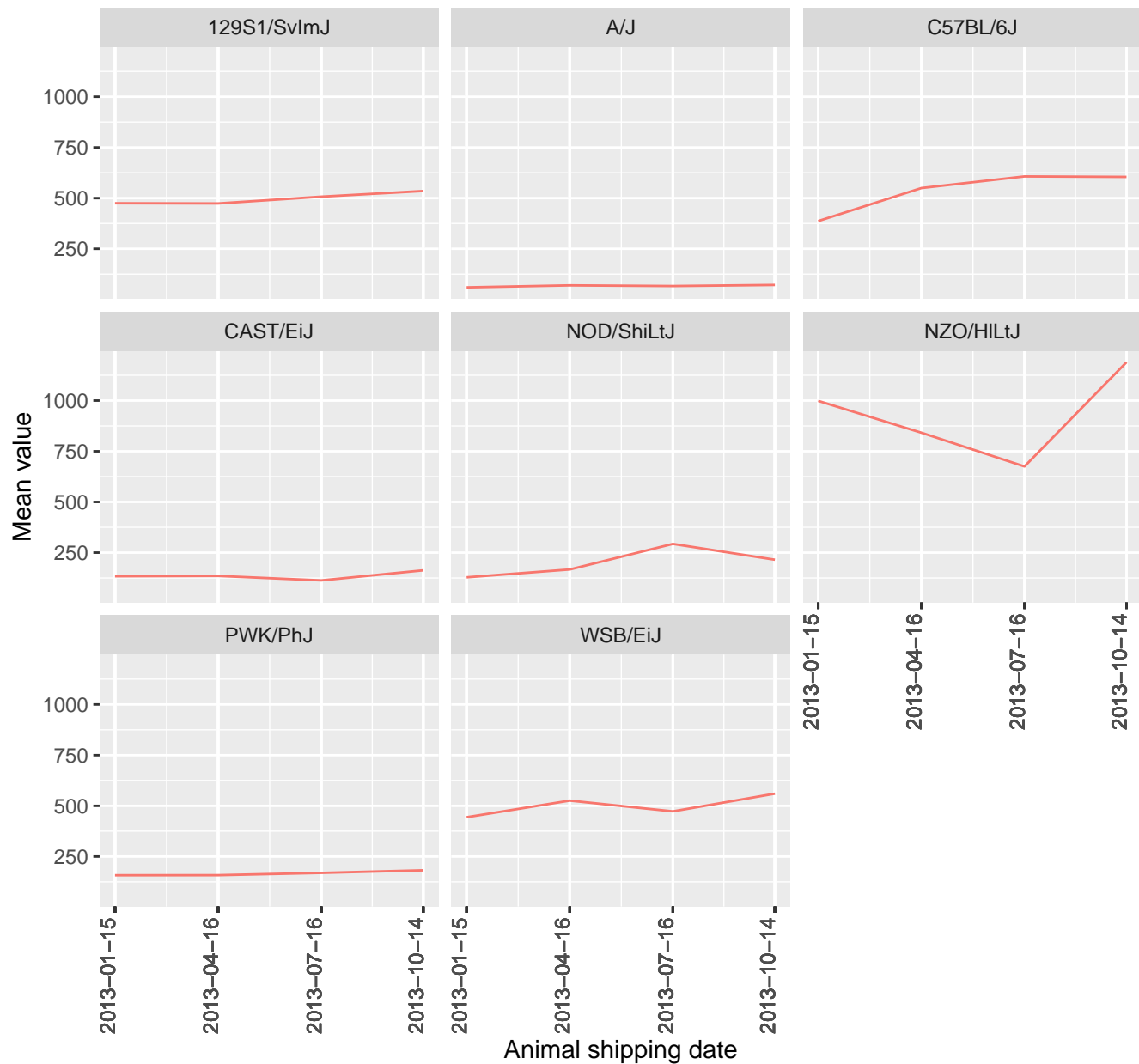
Procedure: GMC05
Parameter: ASR_80



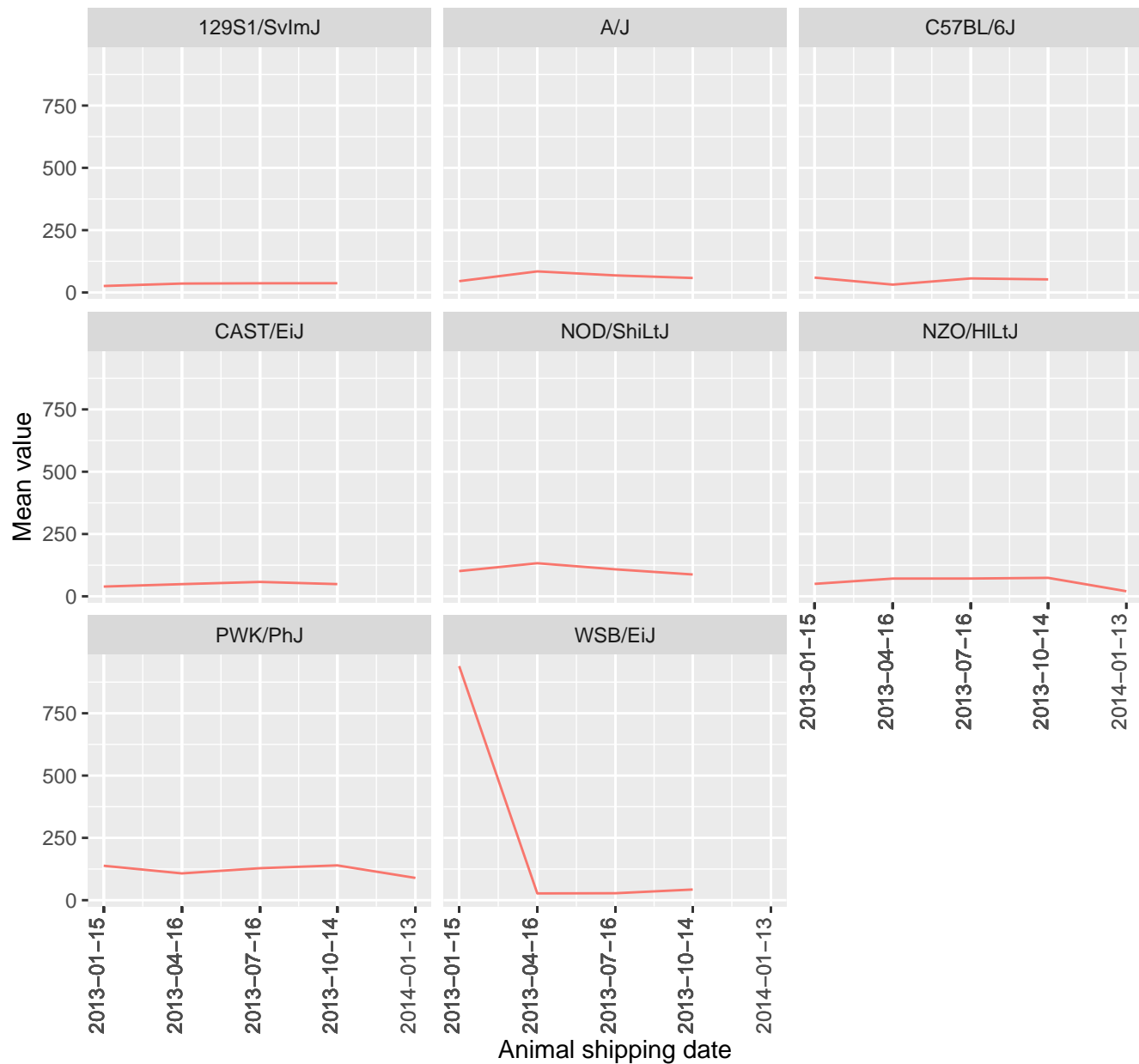
Procedure: GMC05
Parameter: ASR_85



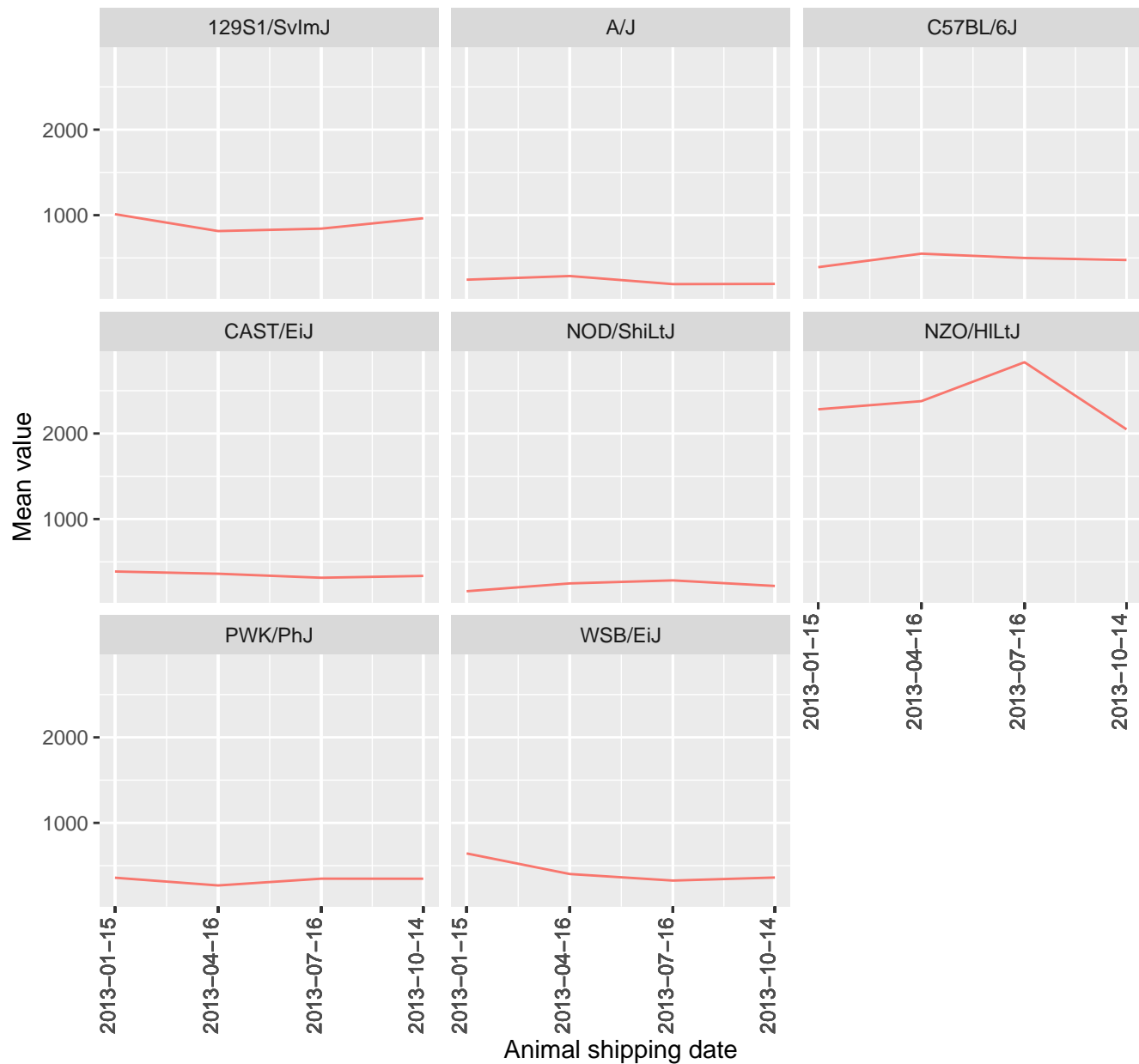
Procedure: GMC05
Parameter: ASR_90



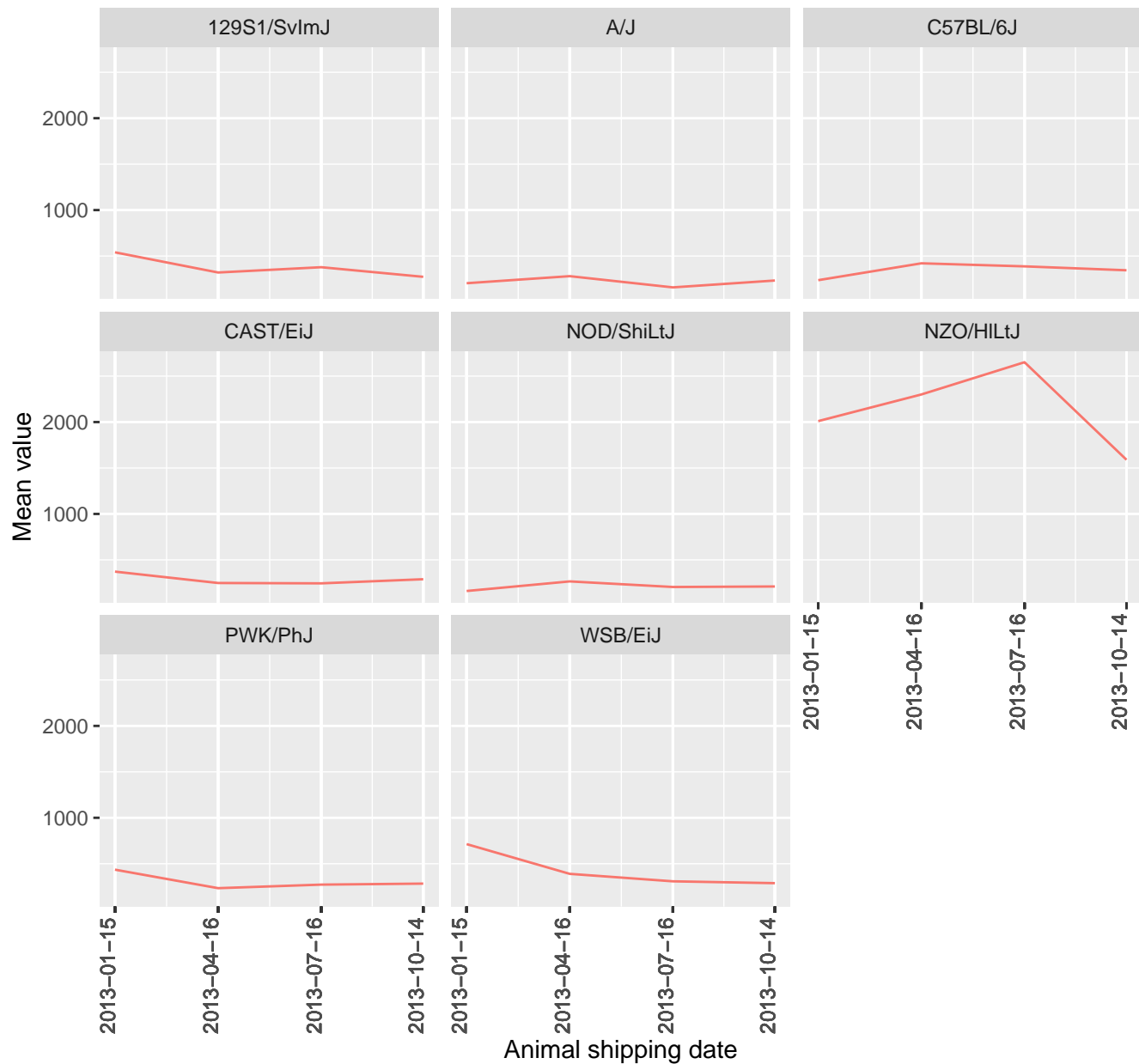
Procedure: GMC05
Parameter: ASR_bn



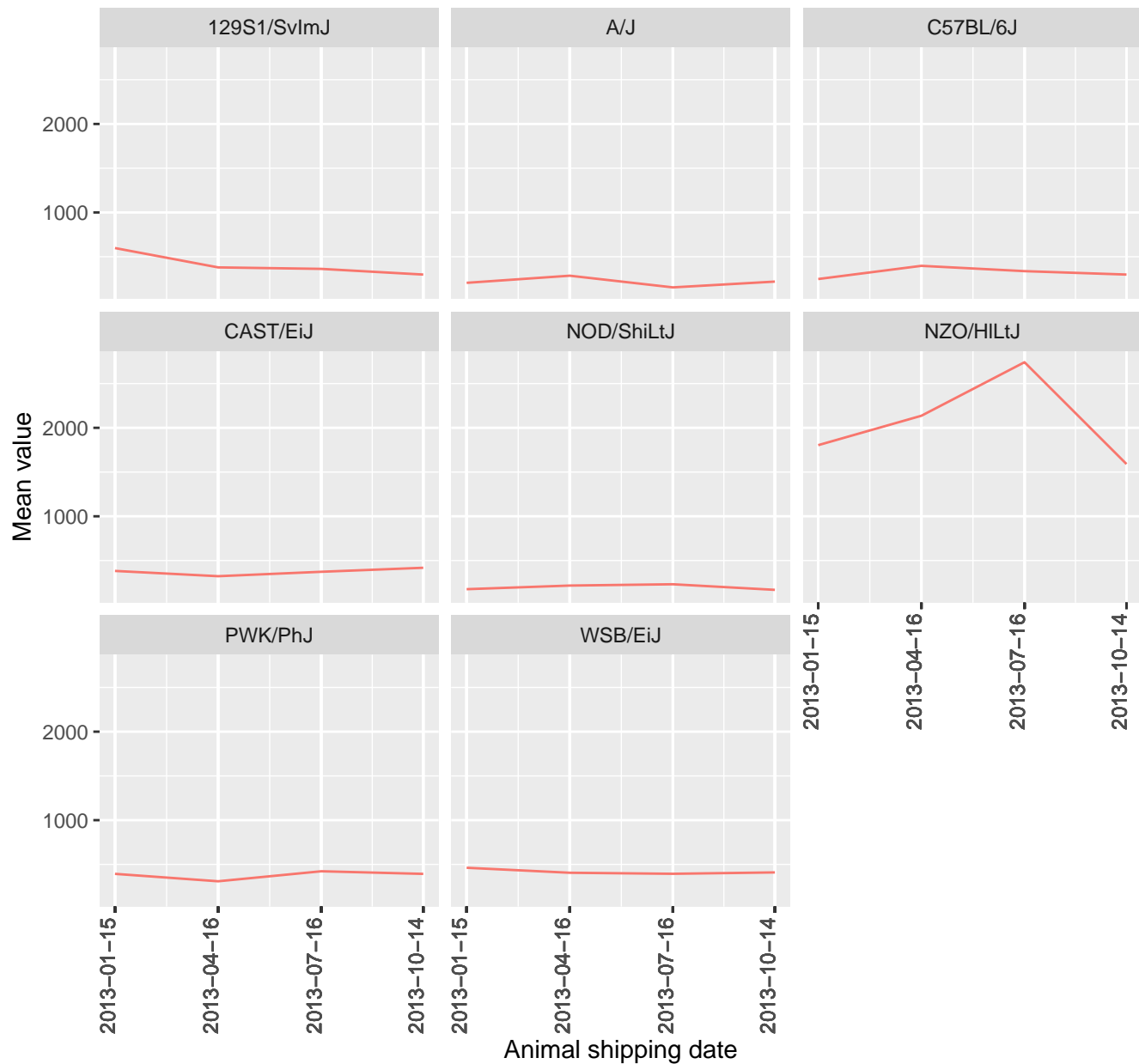
Procedure: GMC05
Parameter: ASR_ISI_100



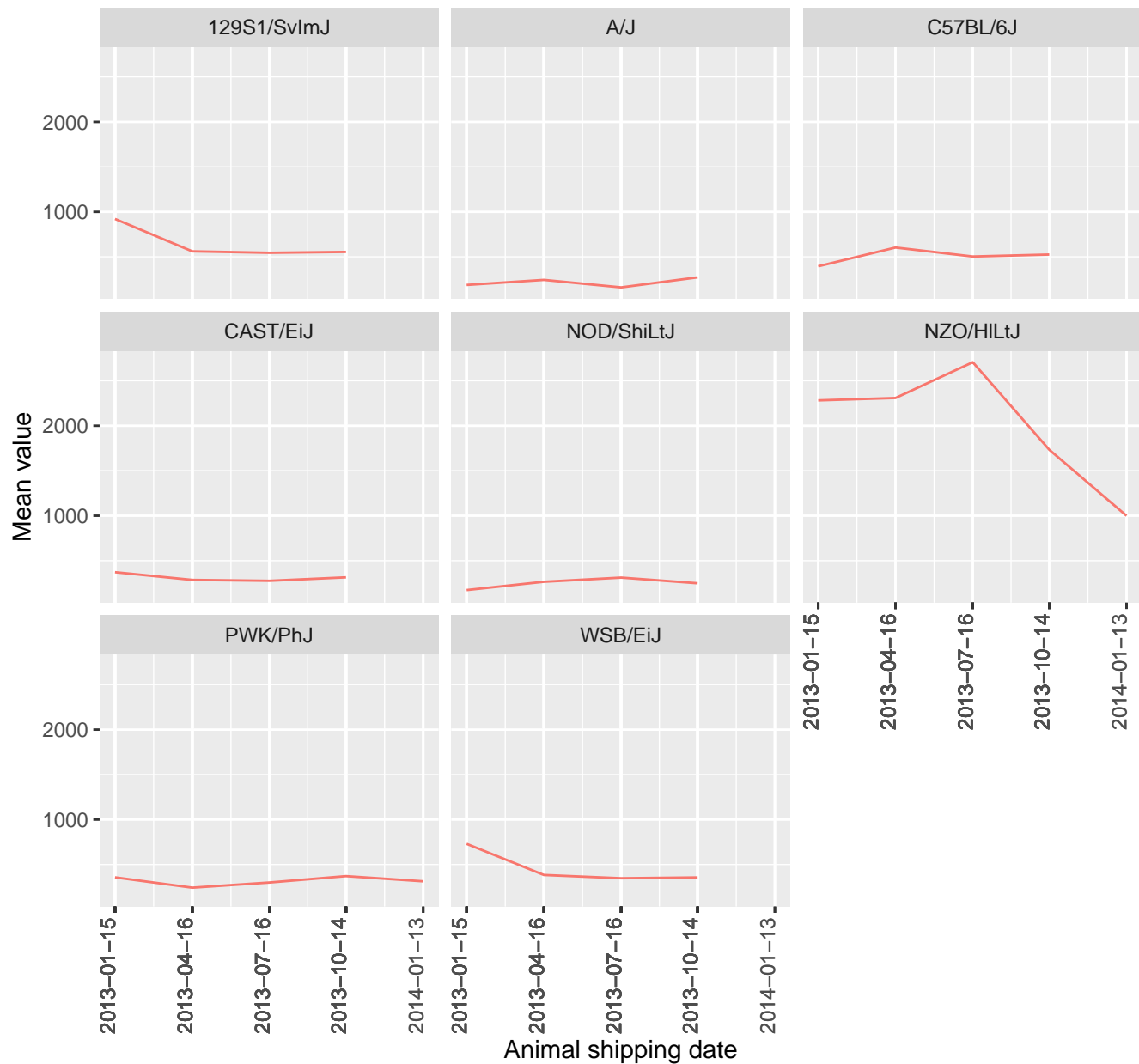
Procedure: GMC05
Parameter: ASR_ISI_25



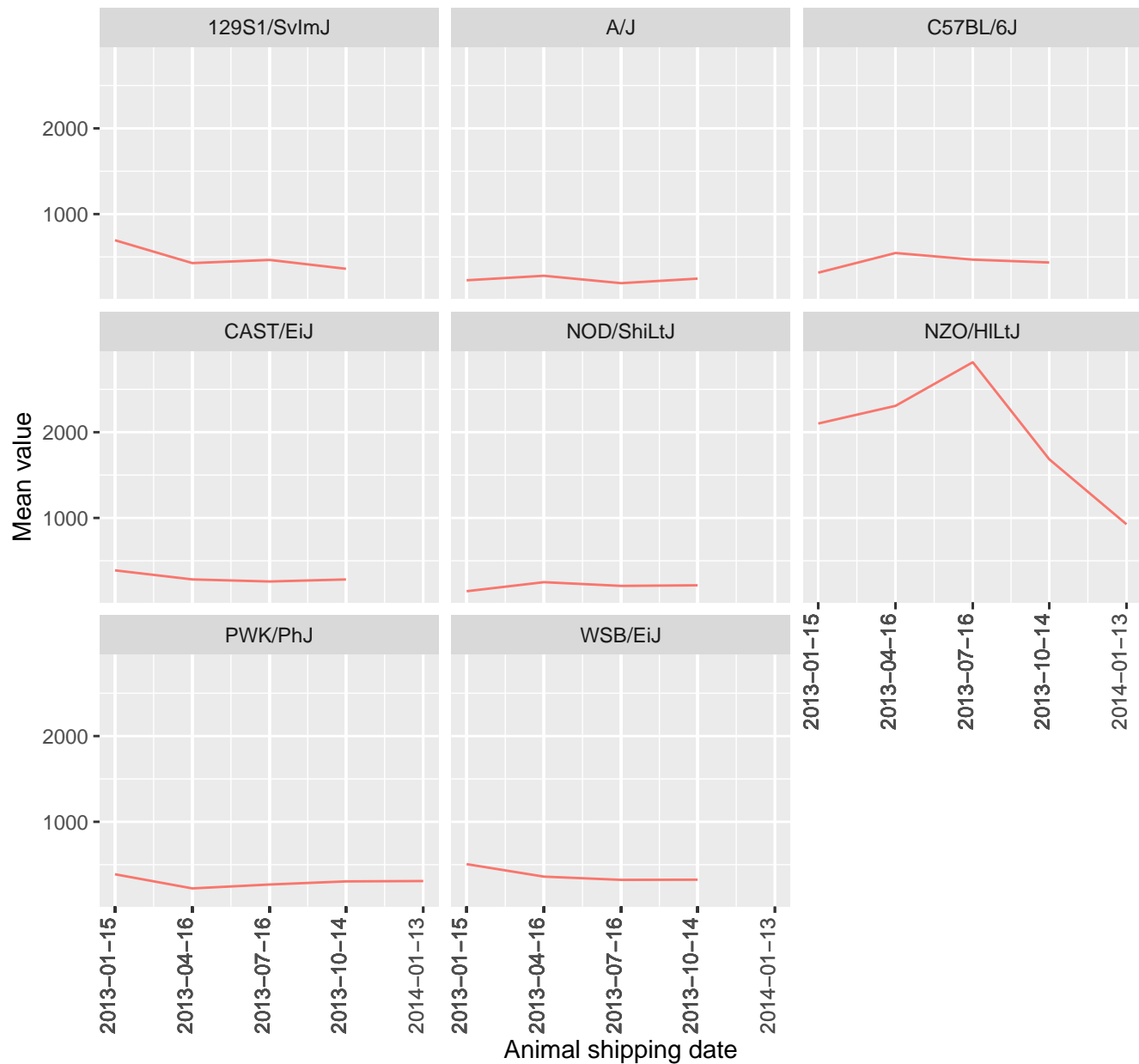
Procedure: GMC05
Parameter: ASR_ISI_5



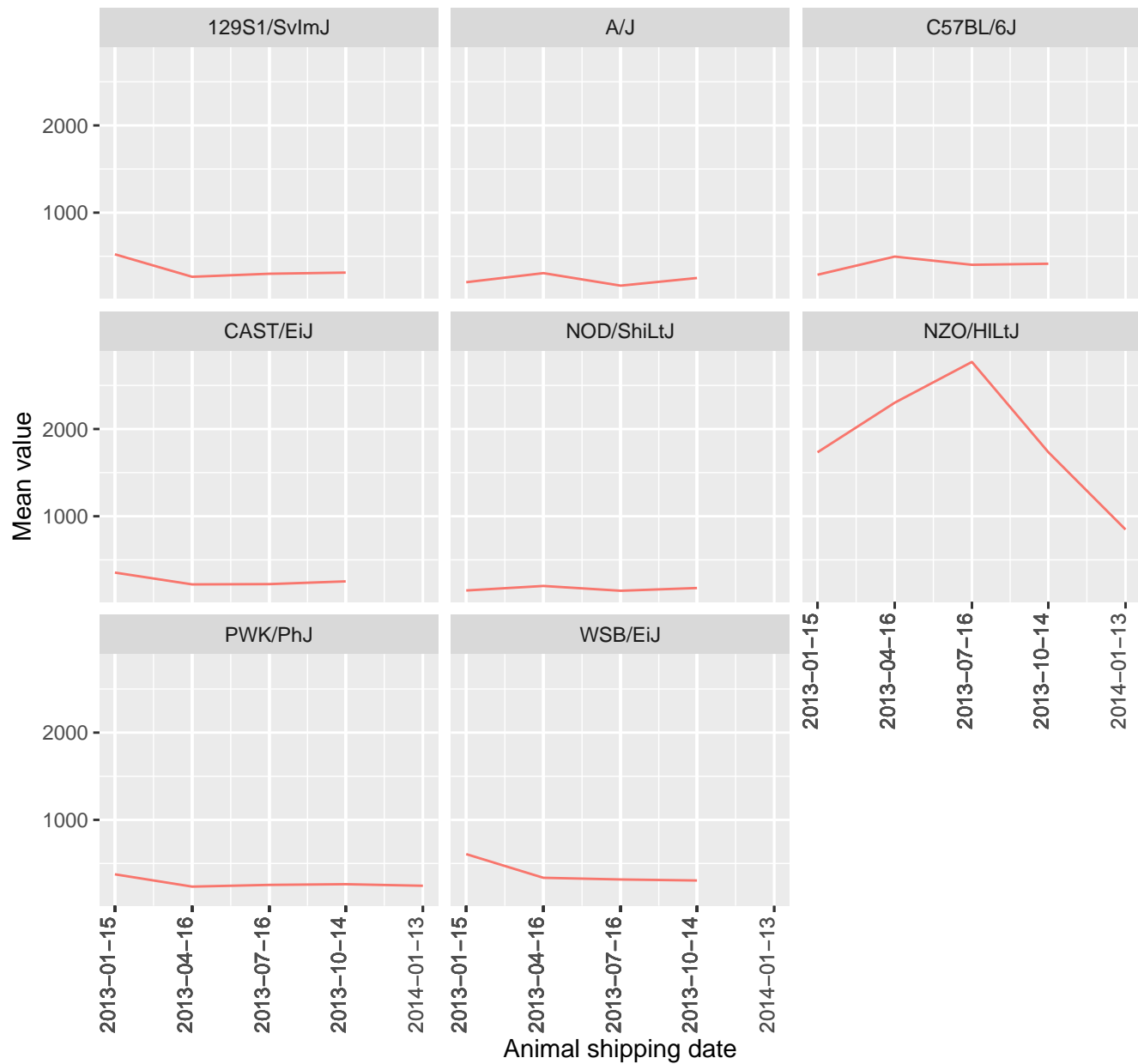
Procedure: GMC05
Parameter: ASR_PP_67



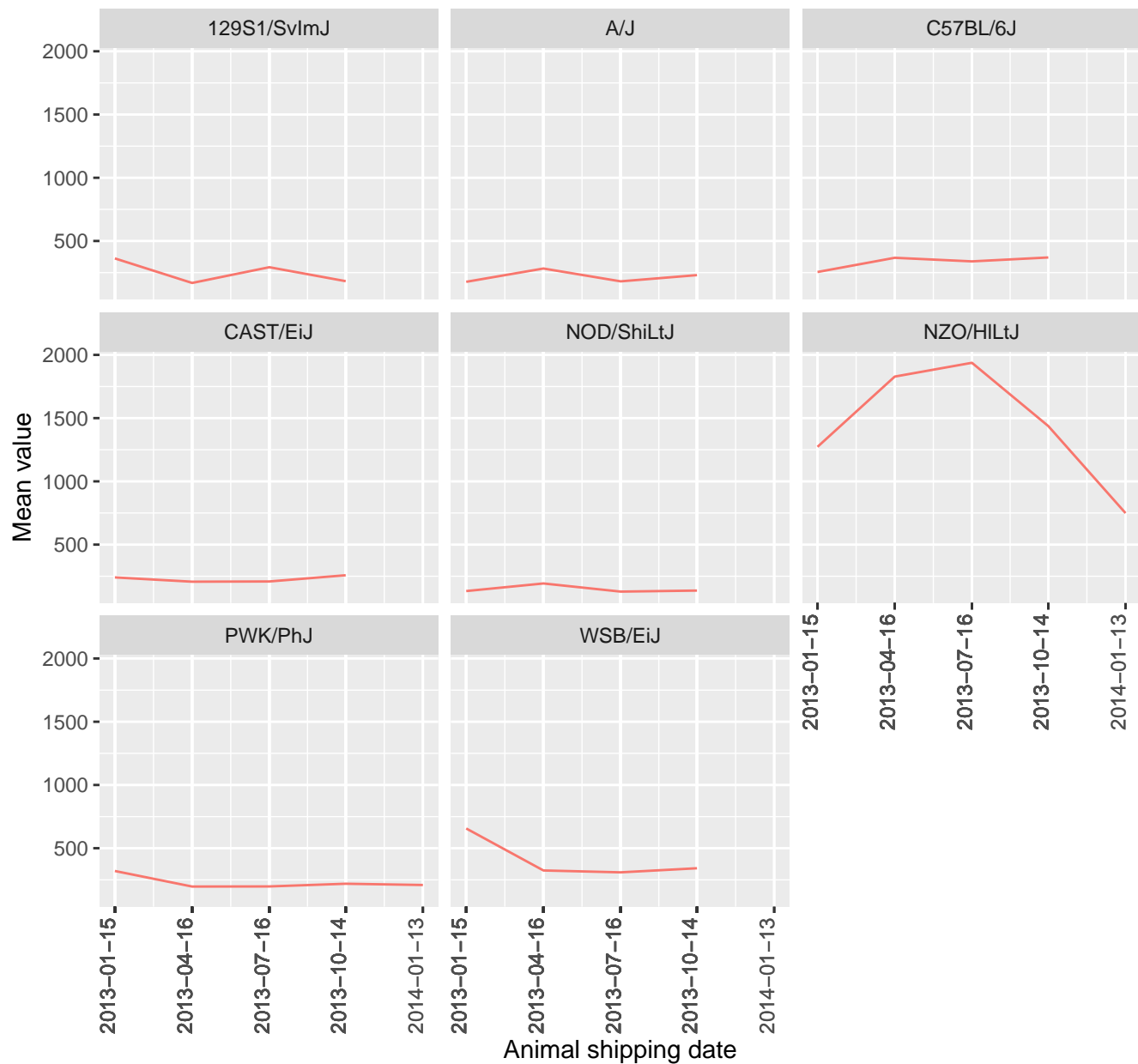
Procedure: GMC05
Parameter: ASR_PP_69



Procedure: GMC05
Parameter: ASR_PP_73

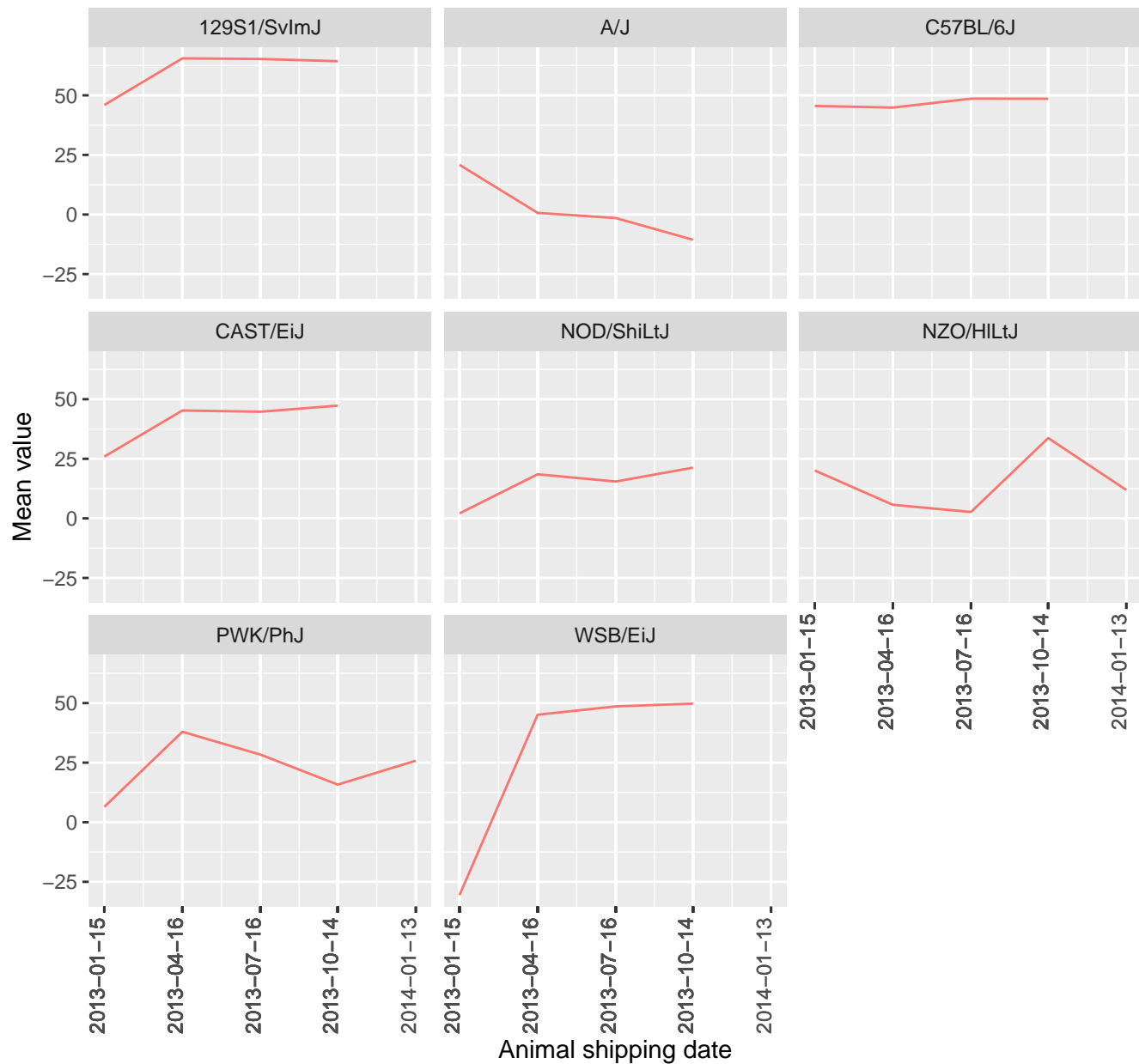


Procedure: GMC05
Parameter: ASR_PP_81

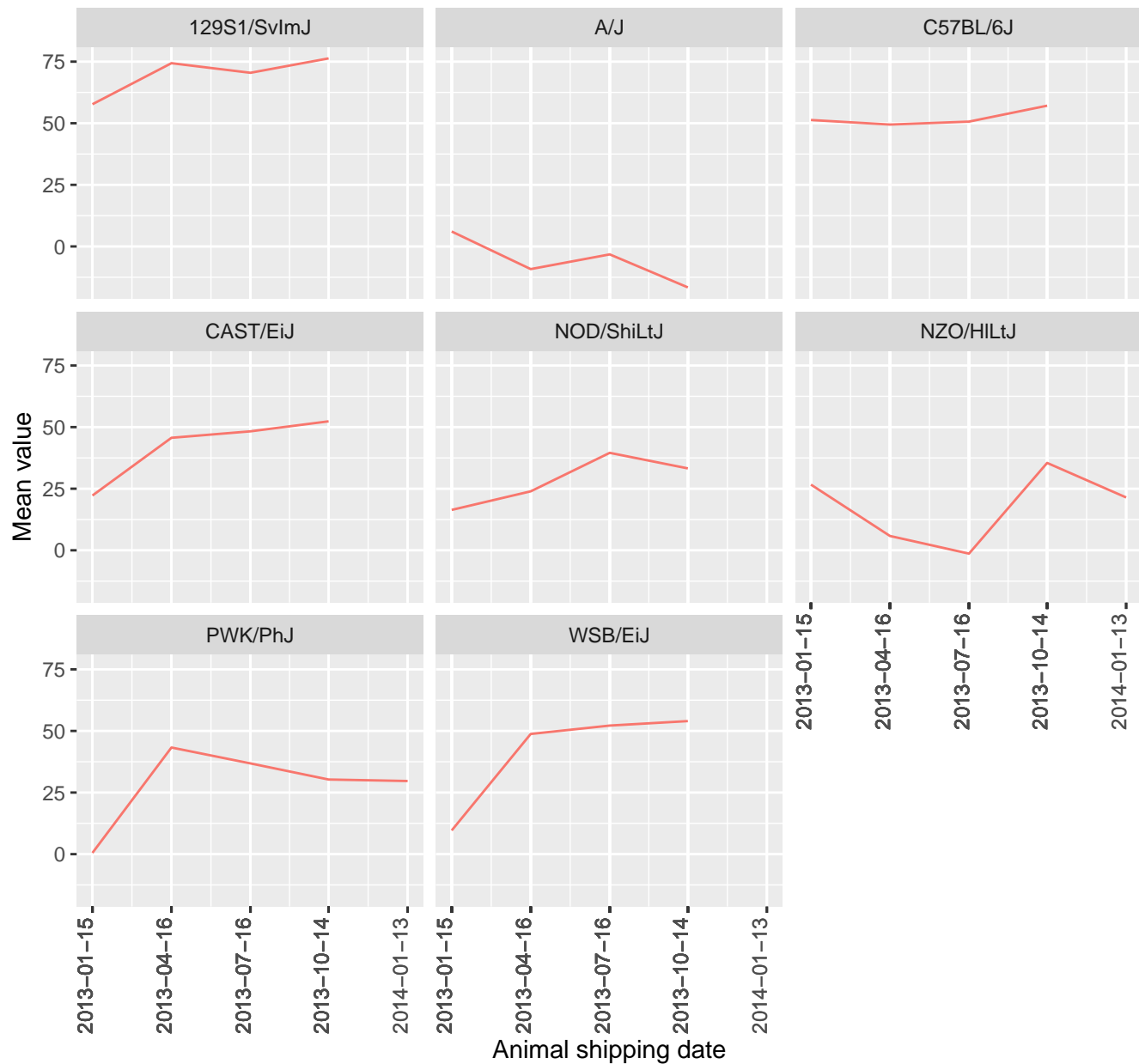


Procedure: GMC05

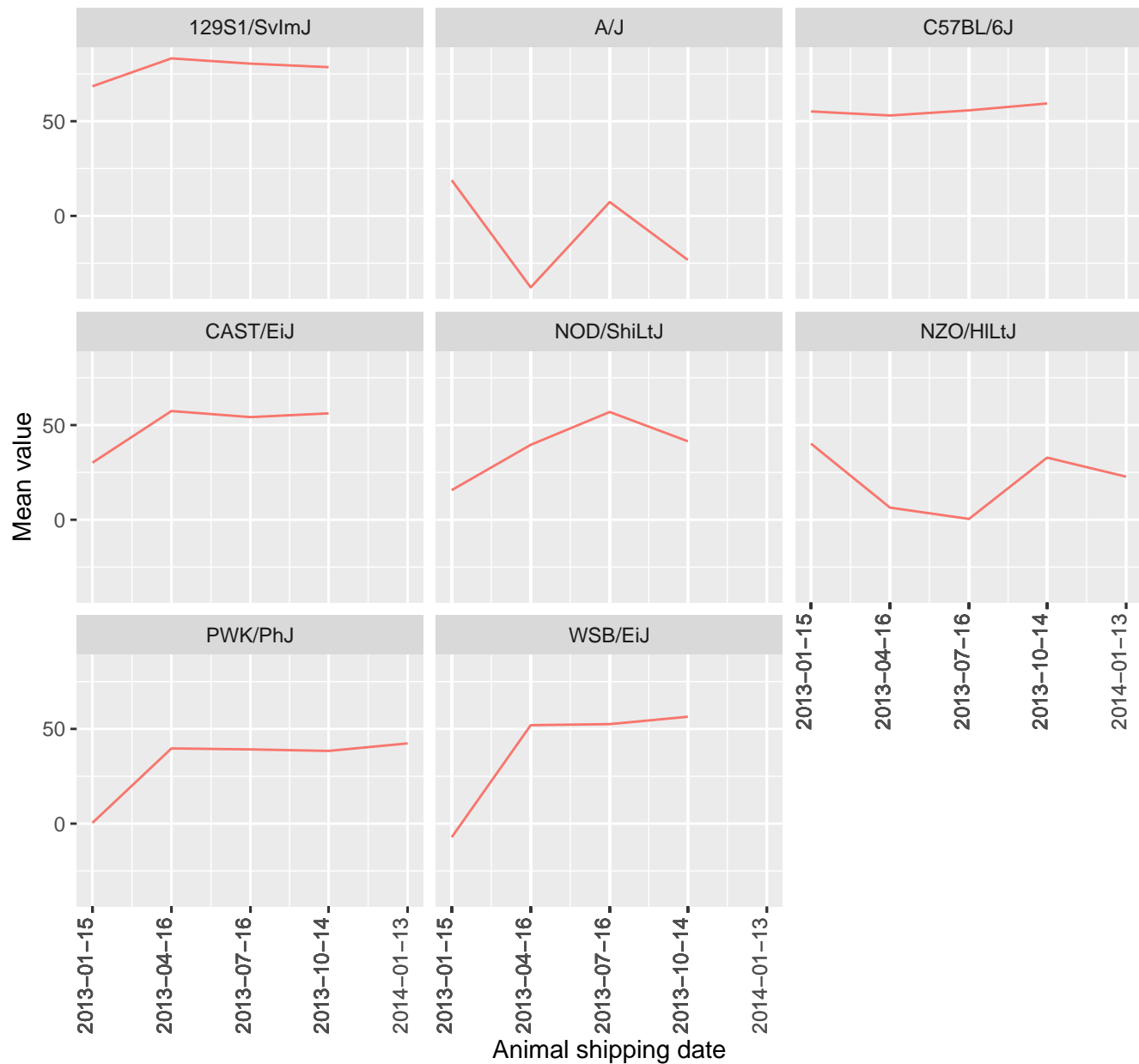
Parameter: PPI_67



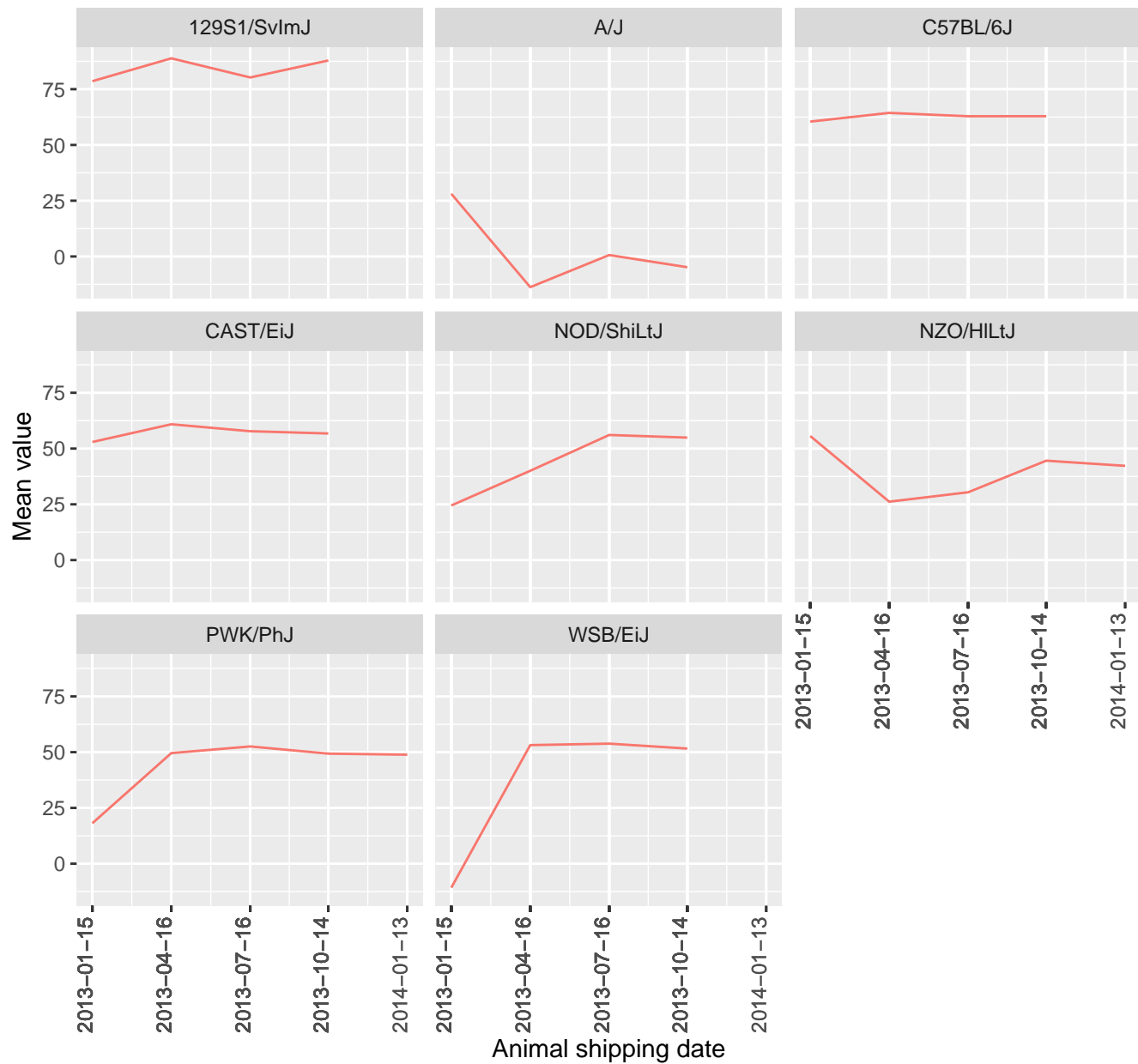
Procedure: GMC05
Parameter: PPI_69



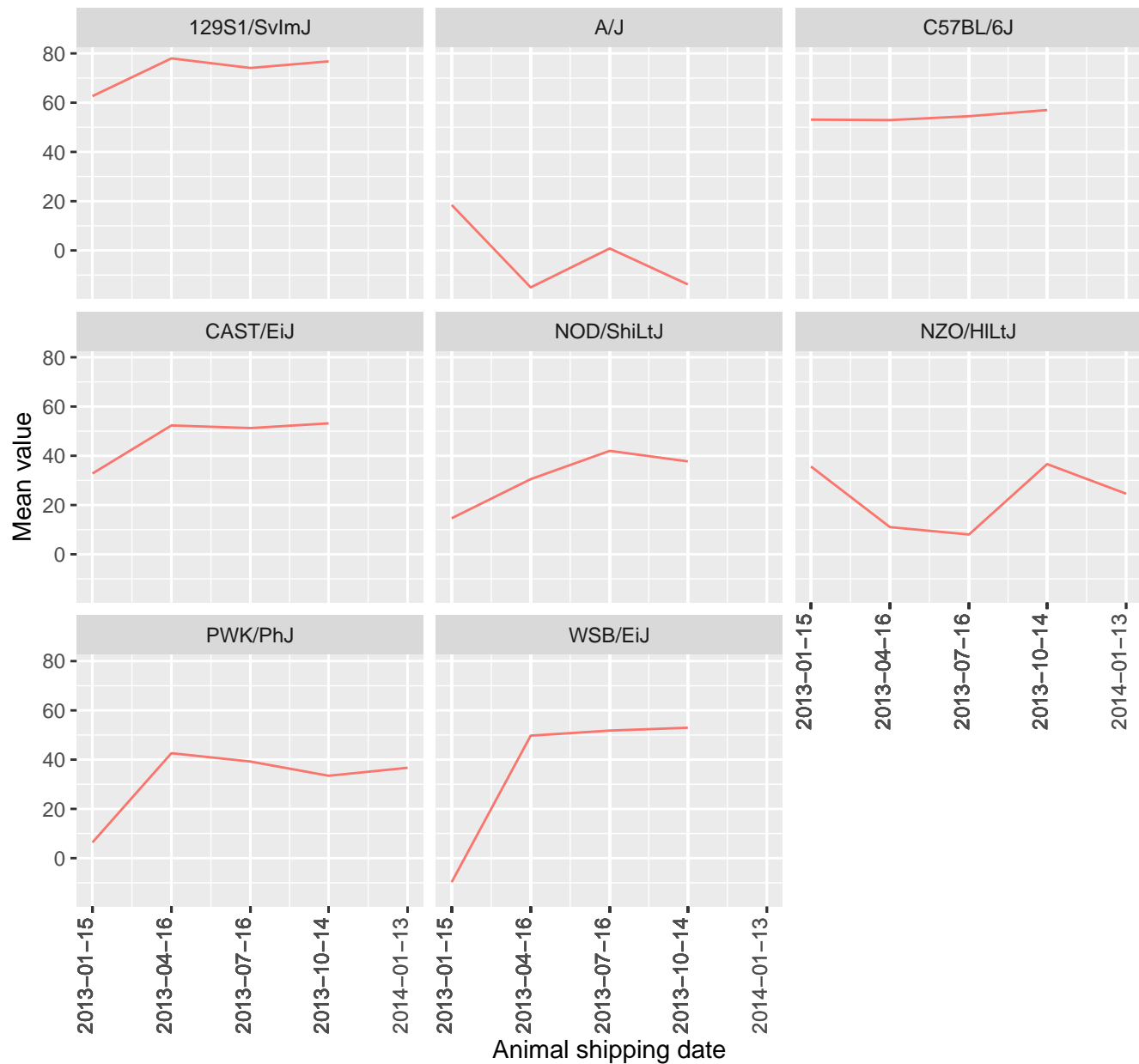
Procedure: GMC05
Parameter: PPI_73



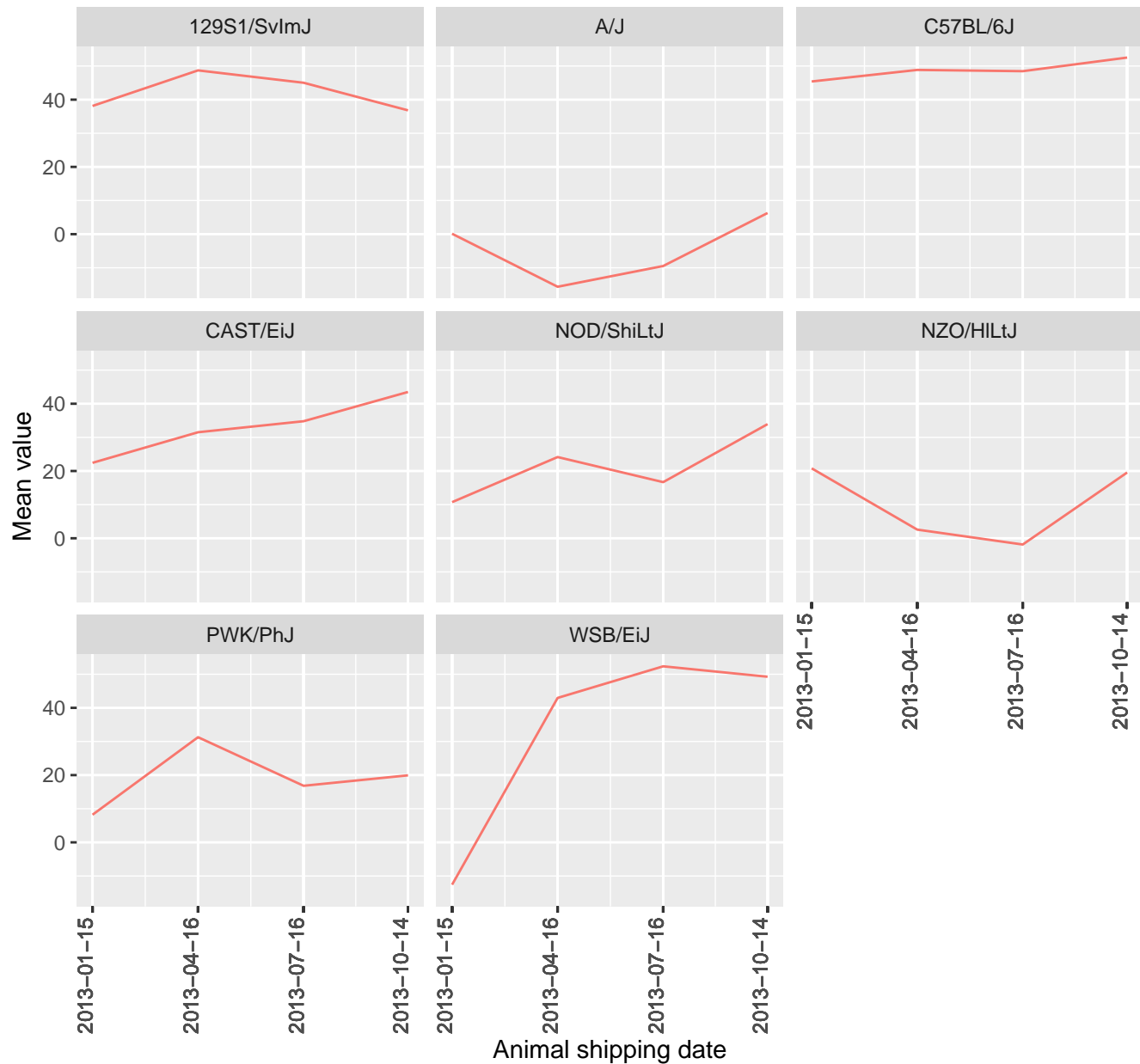
Procedure: GMC05
Parameter: PPI_81



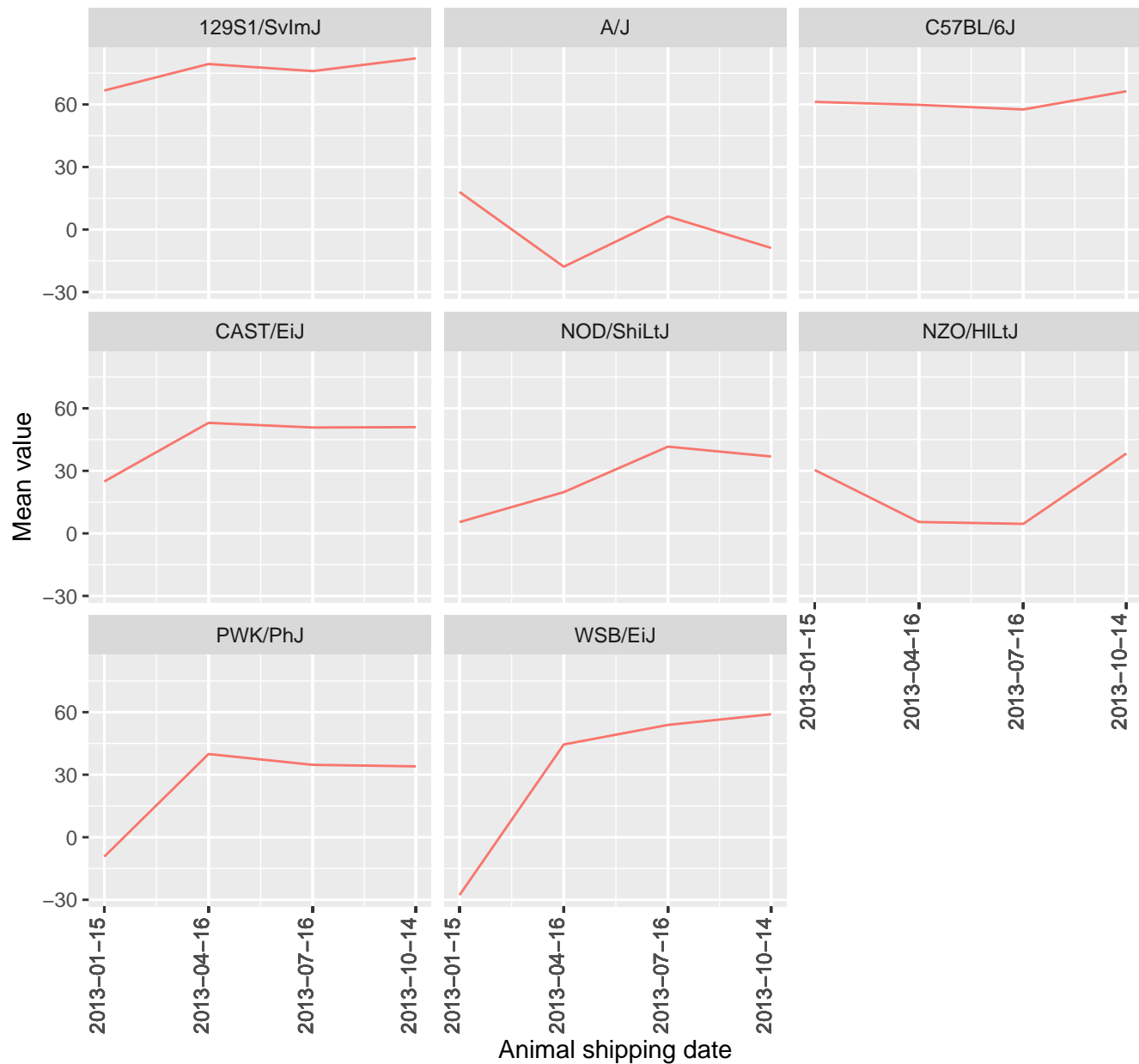
Procedure: GMC05
Parameter: PPI_global



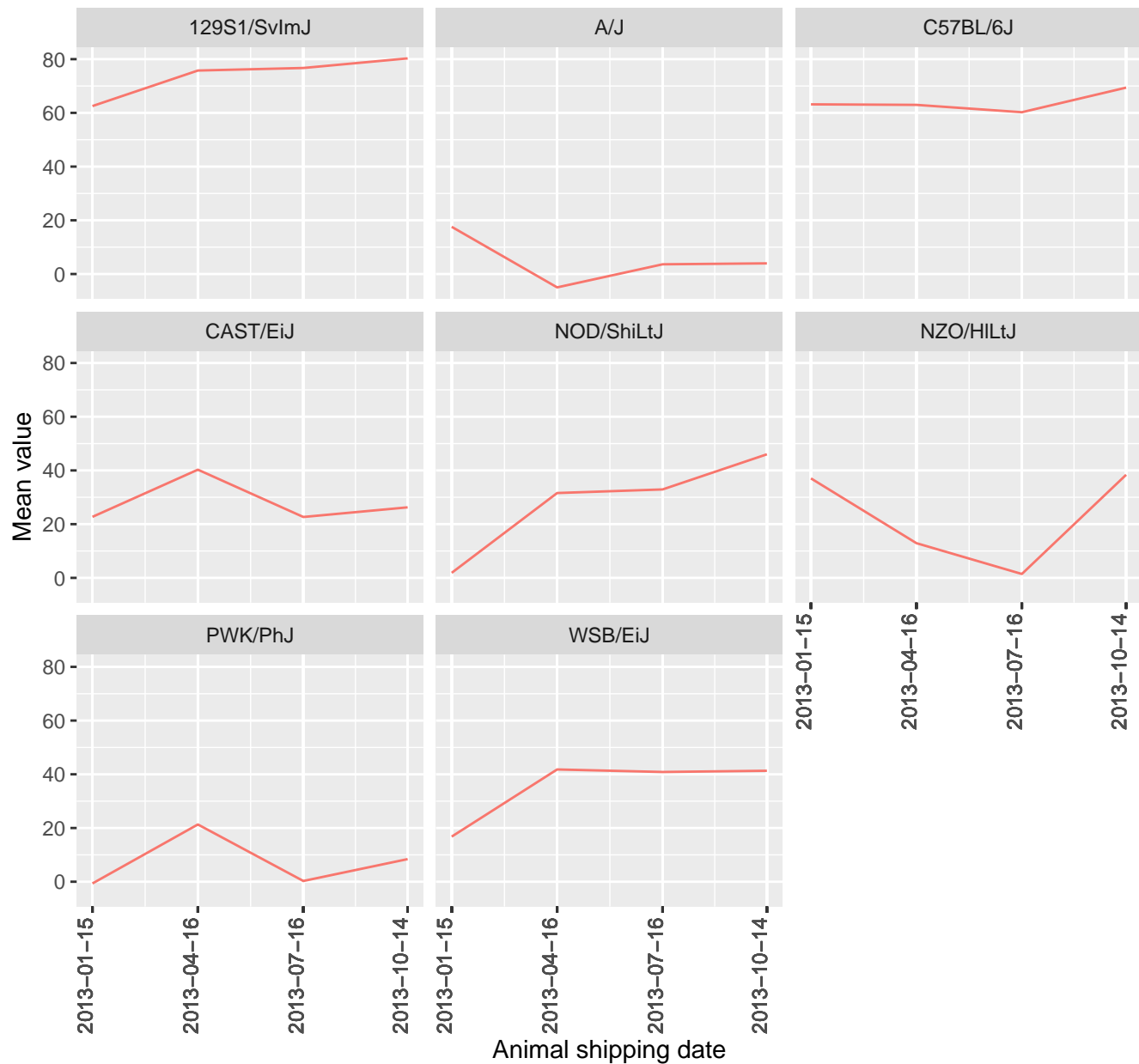
Procedure: GMC05
Parameter: PPI_ISI_100



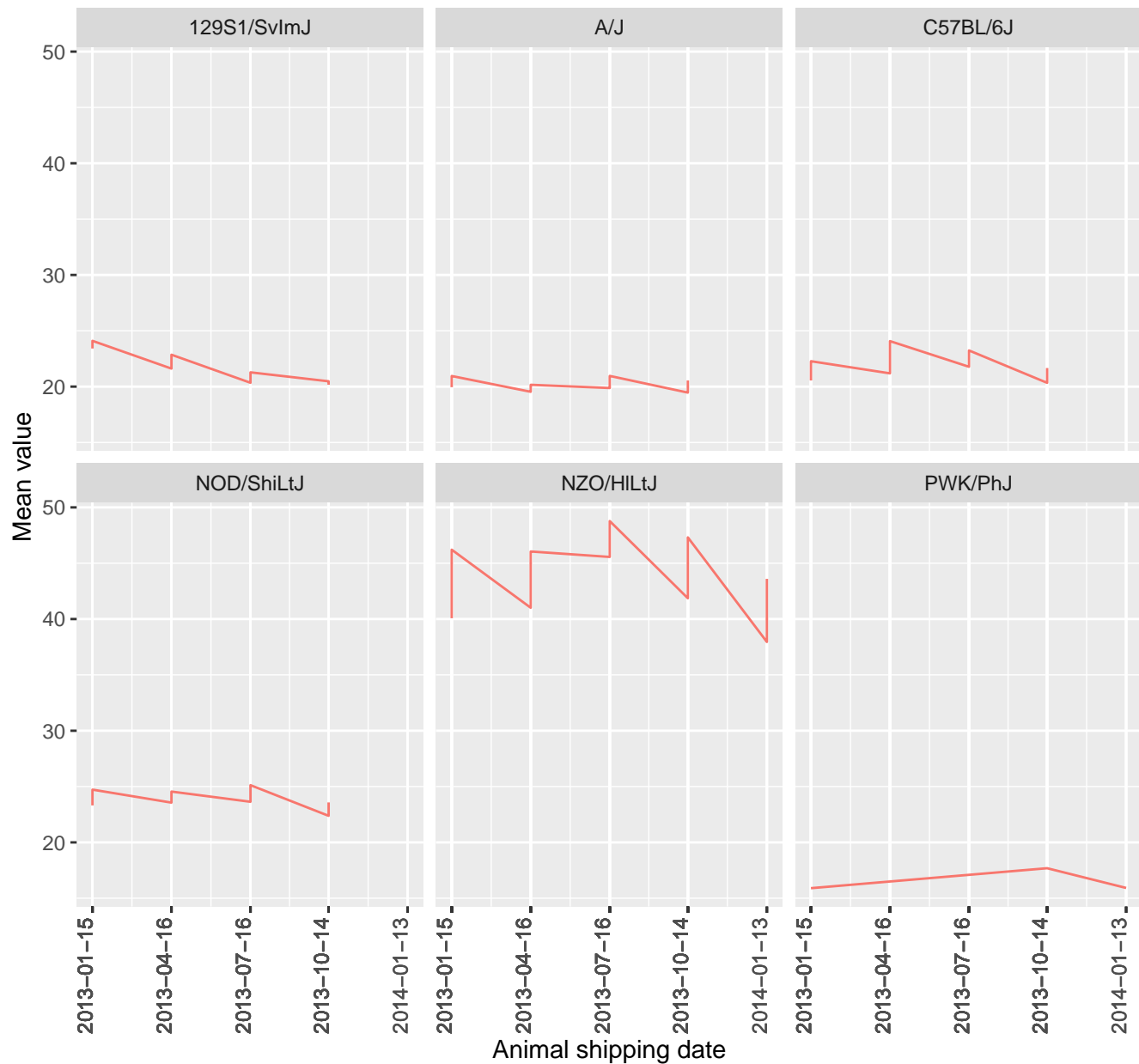
Procedure: GMC05
Parameter: PPI_ISI_25



Procedure: GMC05
Parameter: PPI_ISI_5

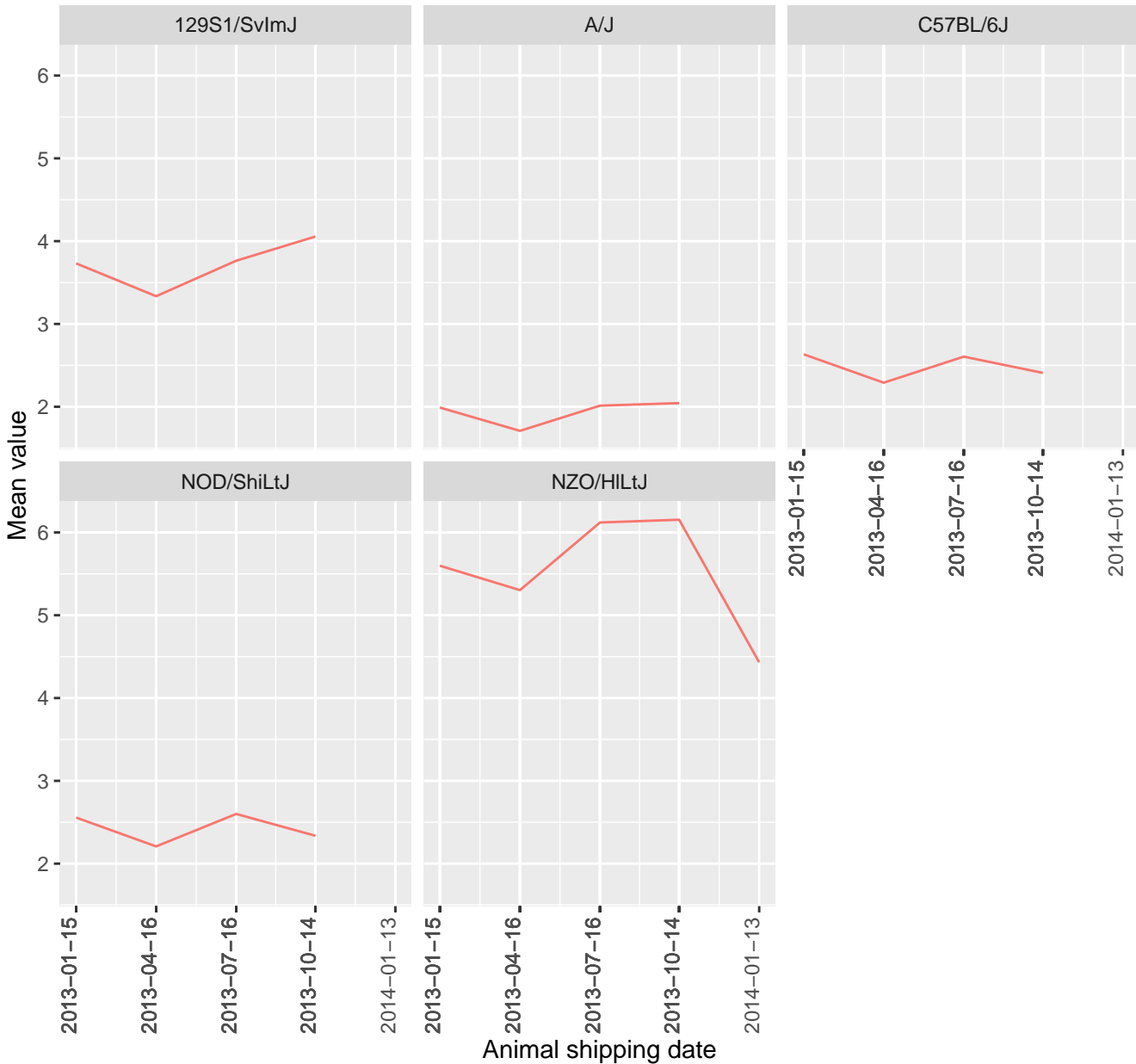


Procedure: GMC06
Parameter: bw_after_fast



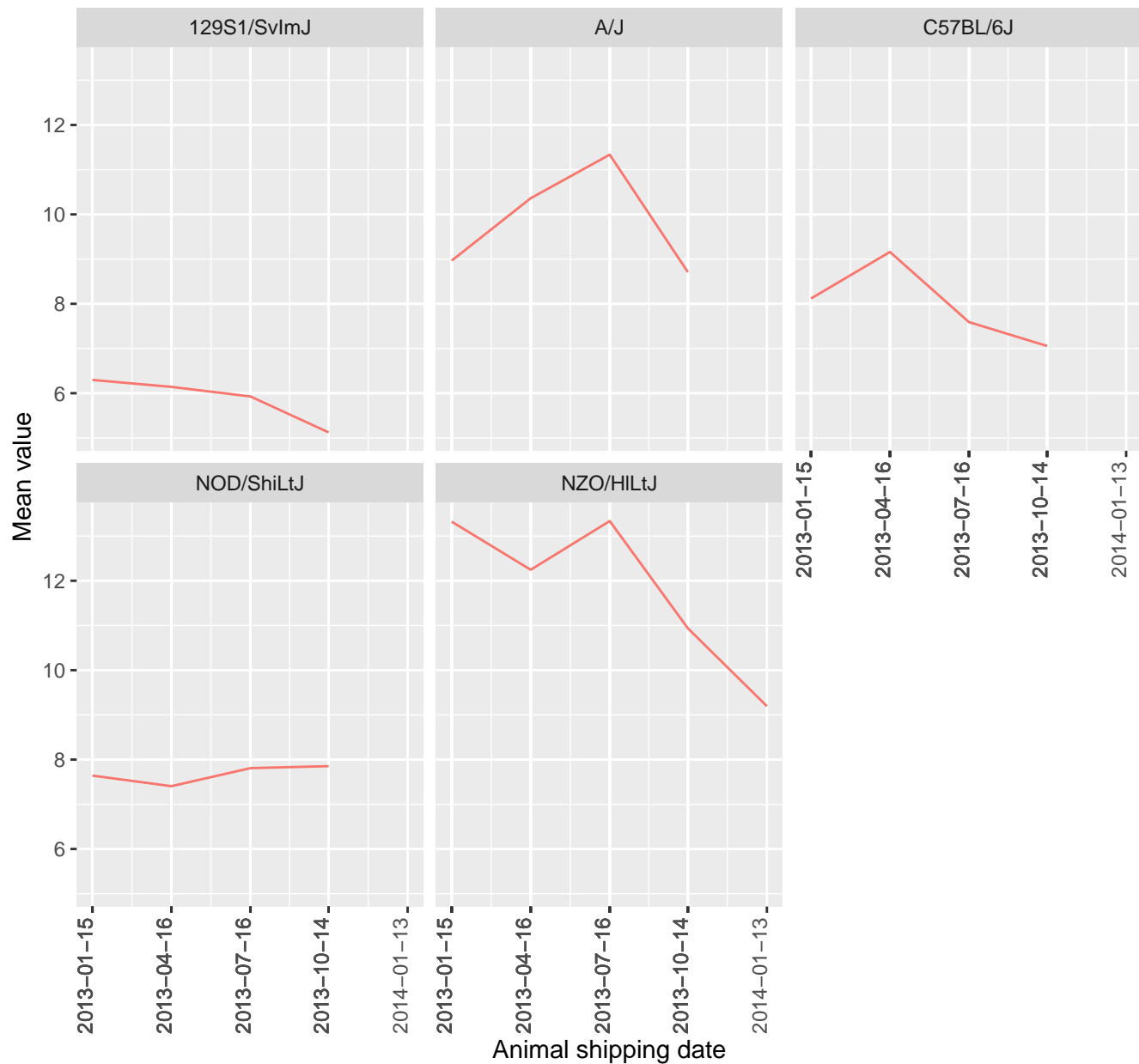
Procedure: GMC06

Parameter: CHOL

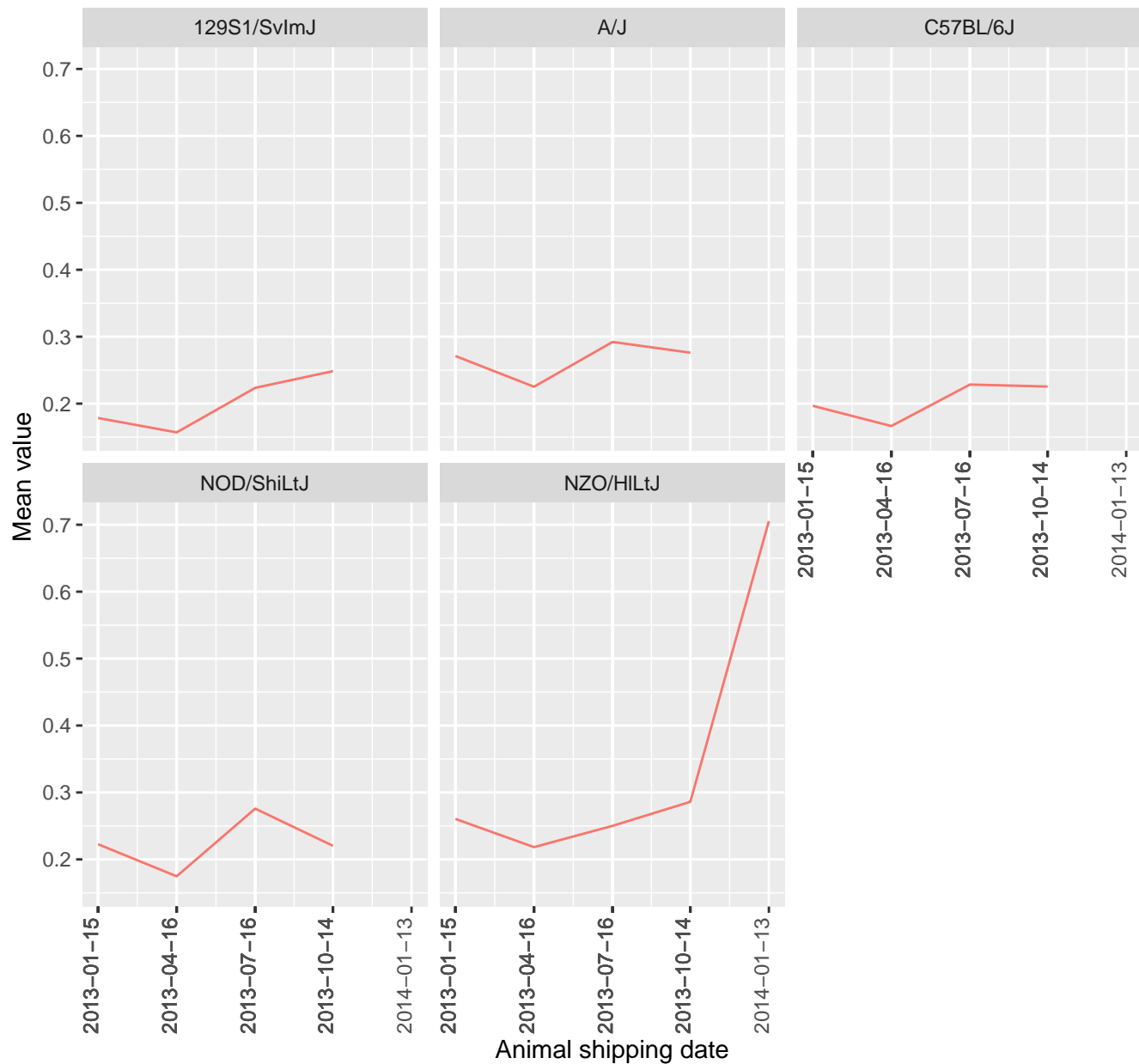


Procedure: GMC06

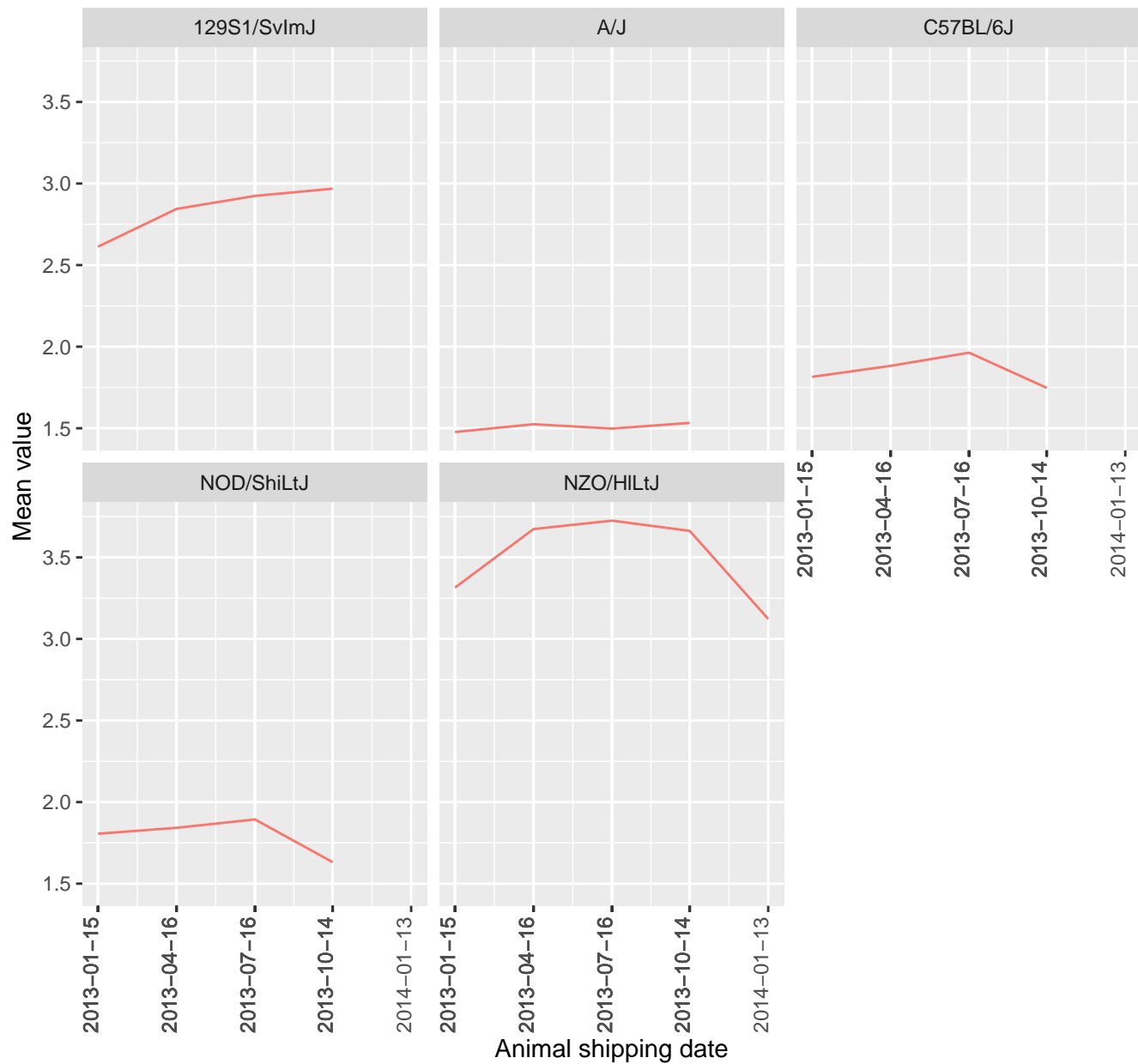
Parameter: GLU



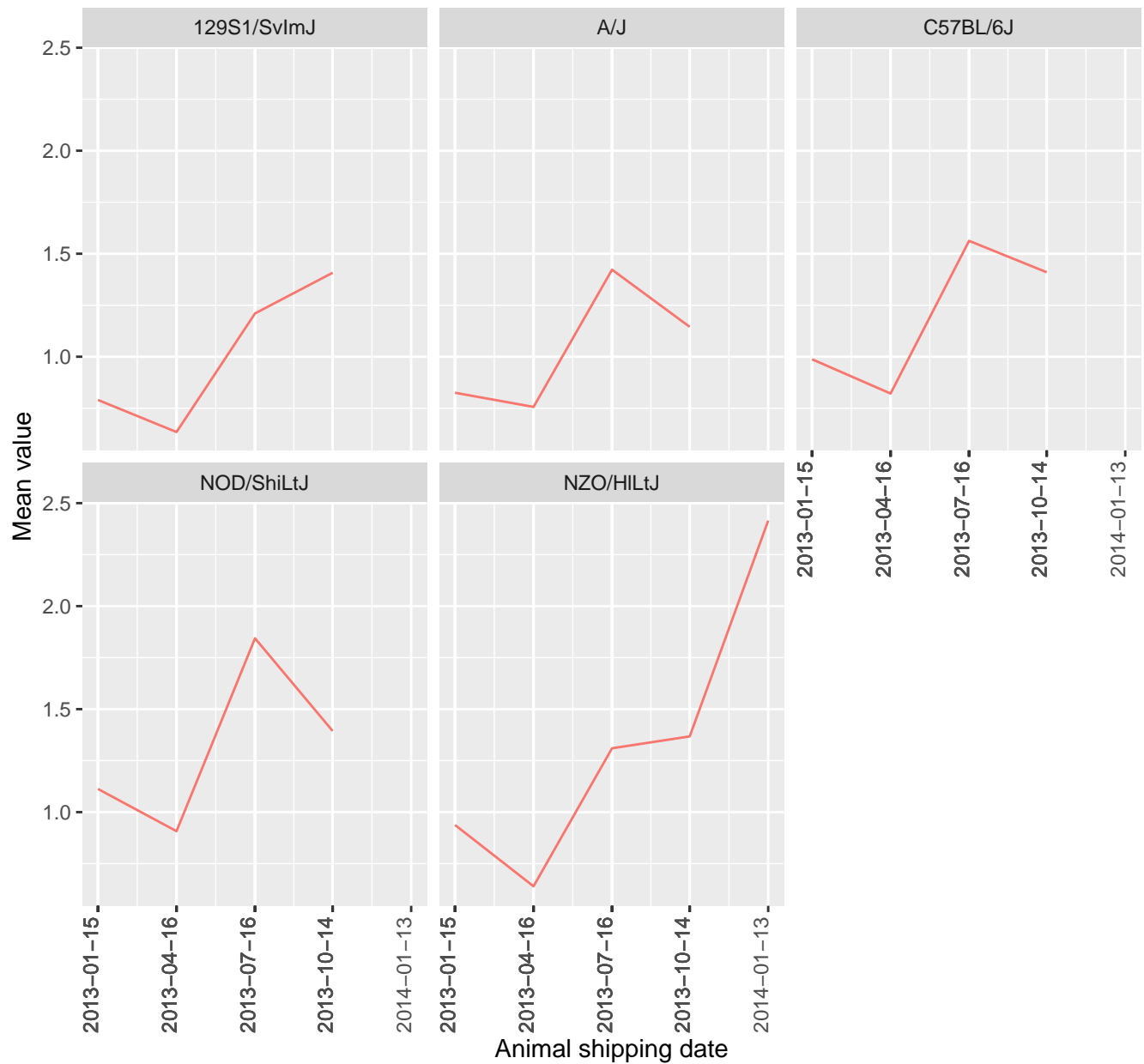
Procedure: GMC06
Parameter: Glycerol



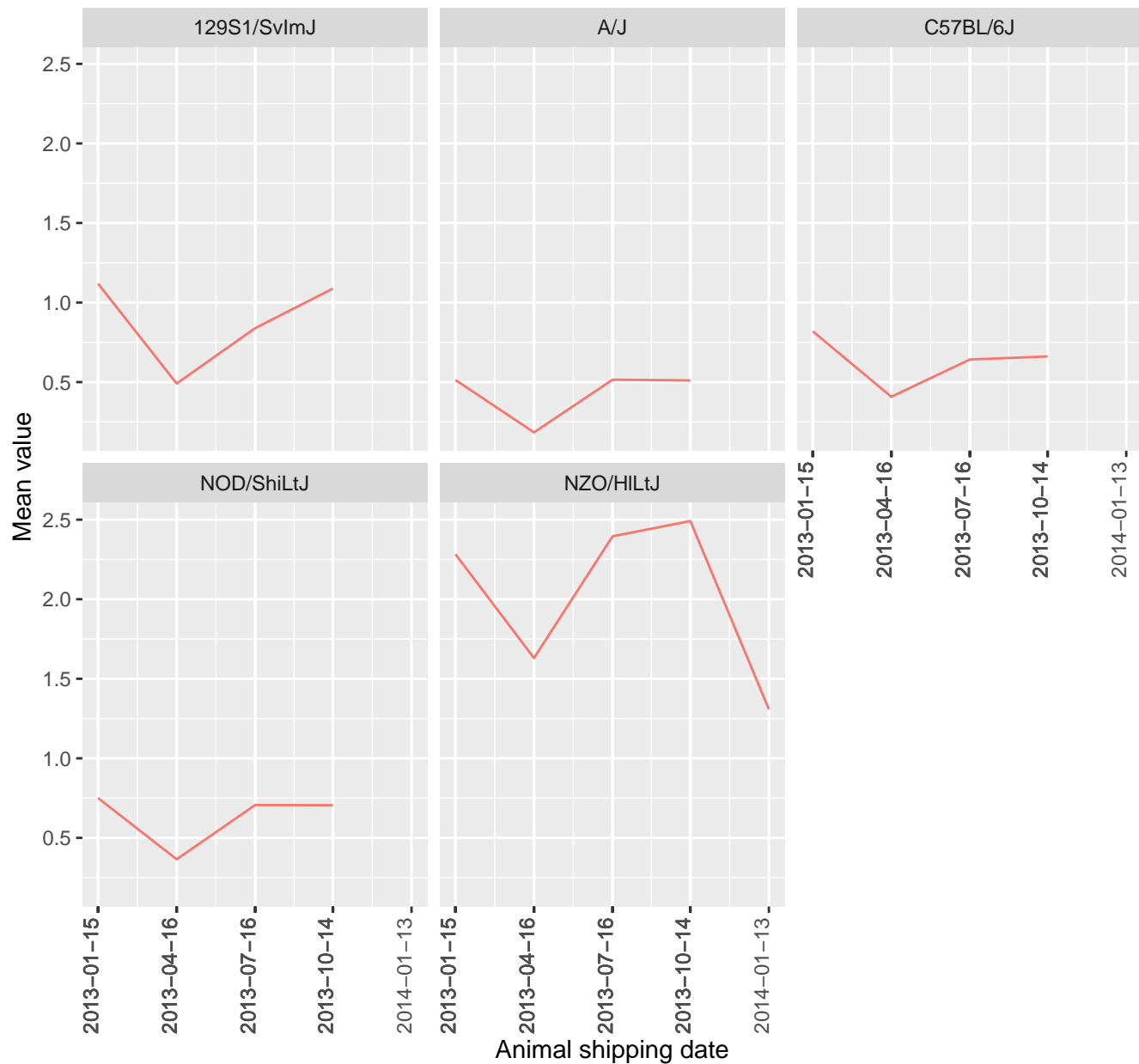
Procedure: GMC06
Parameter: HDL



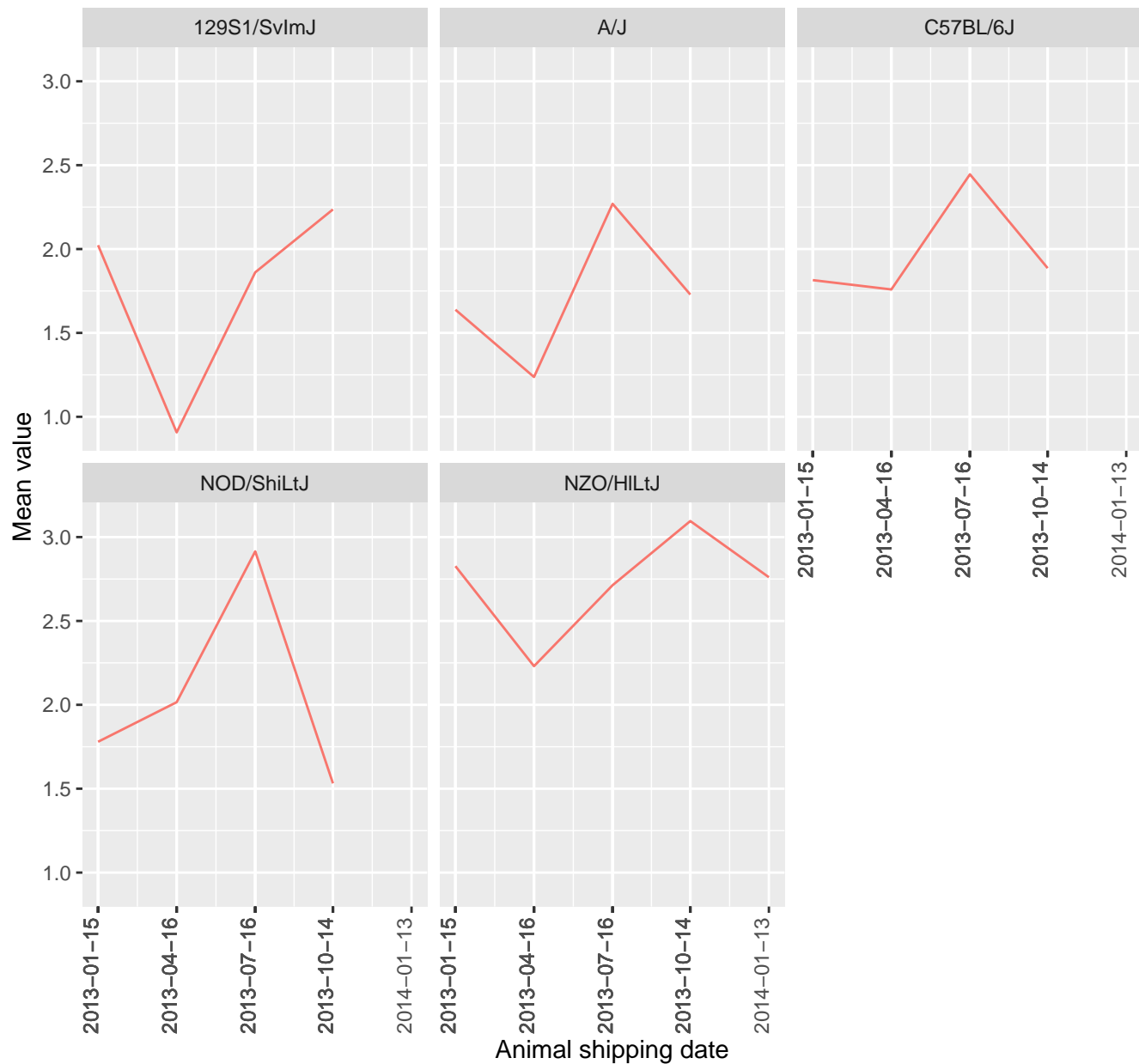
Procedure: GMC06
Parameter: NEFA



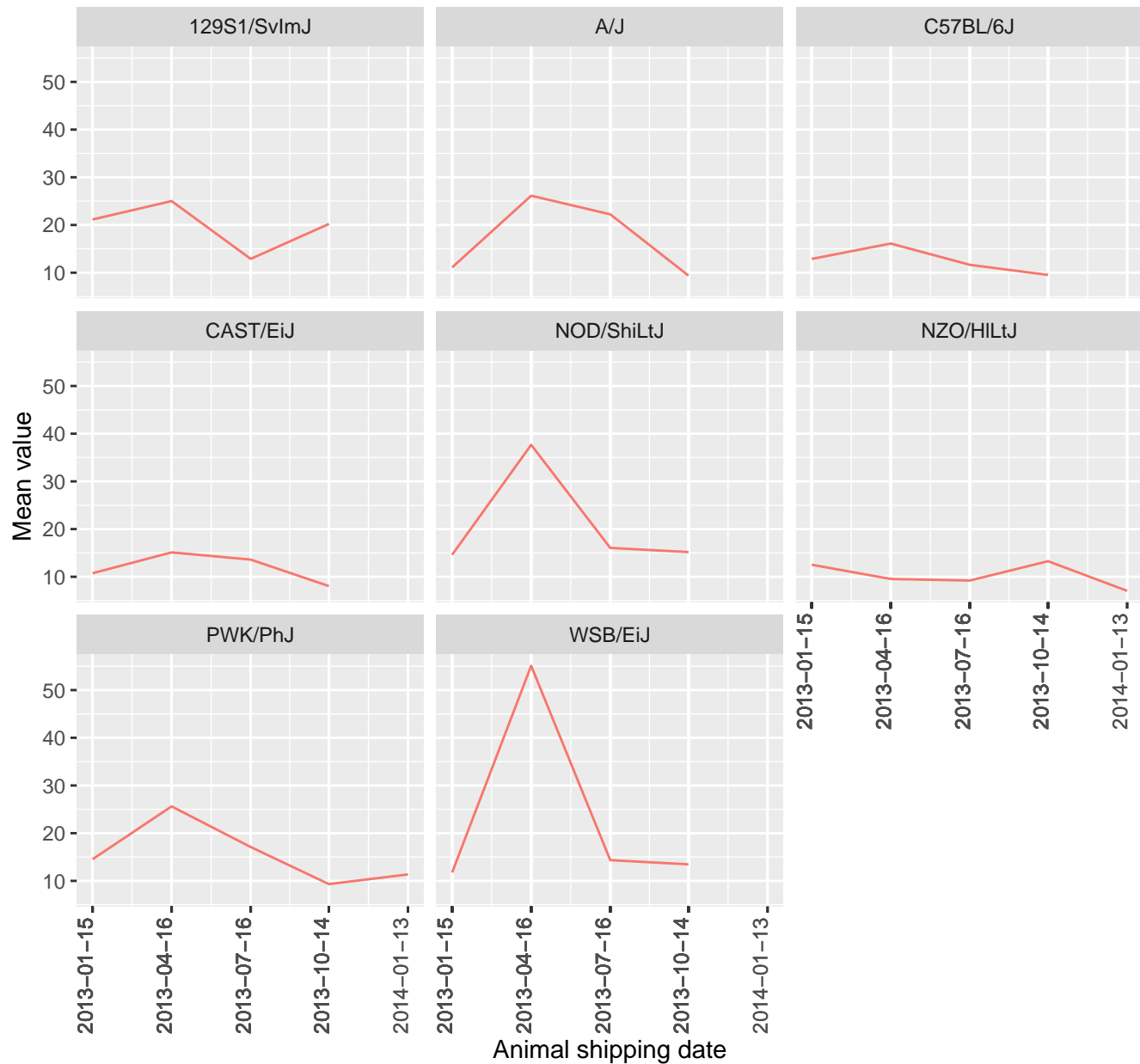
Procedure: GMC06
Parameter: nonHDL



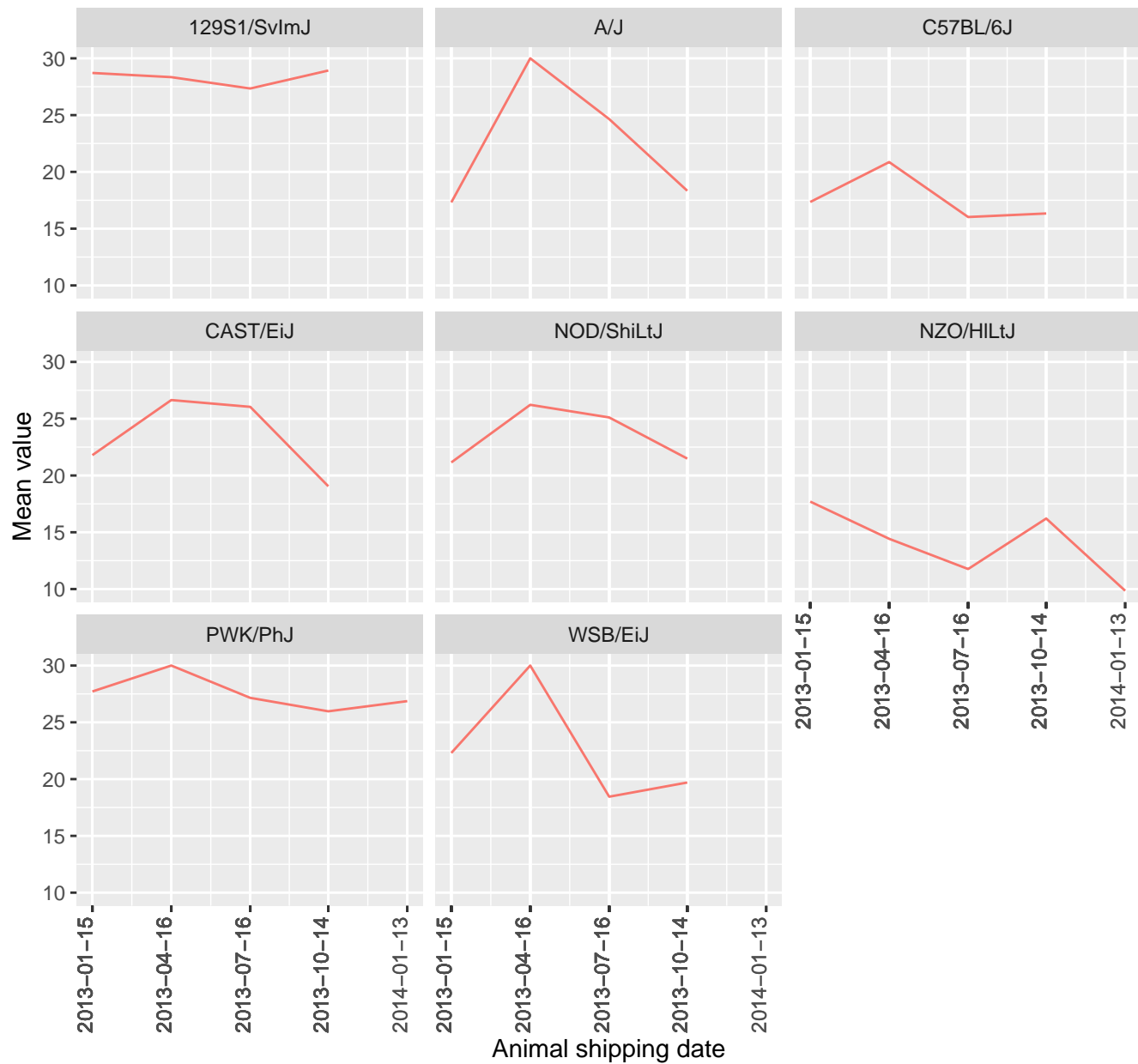
Procedure: GMC06
Parameter: TG



Procedure: GMC07
Parameter: latency_1

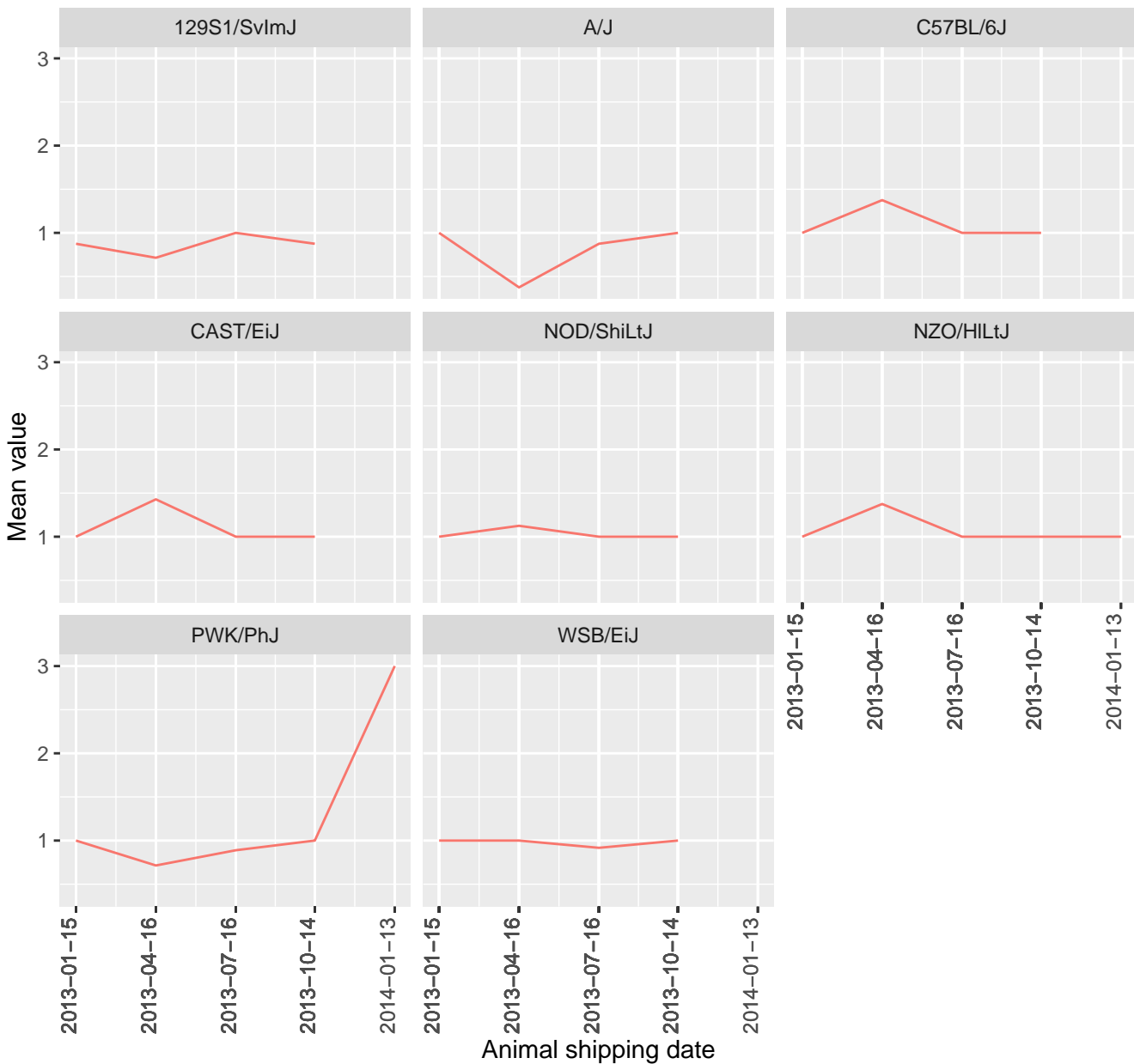


Procedure: GMC07
Parameter: latency_2

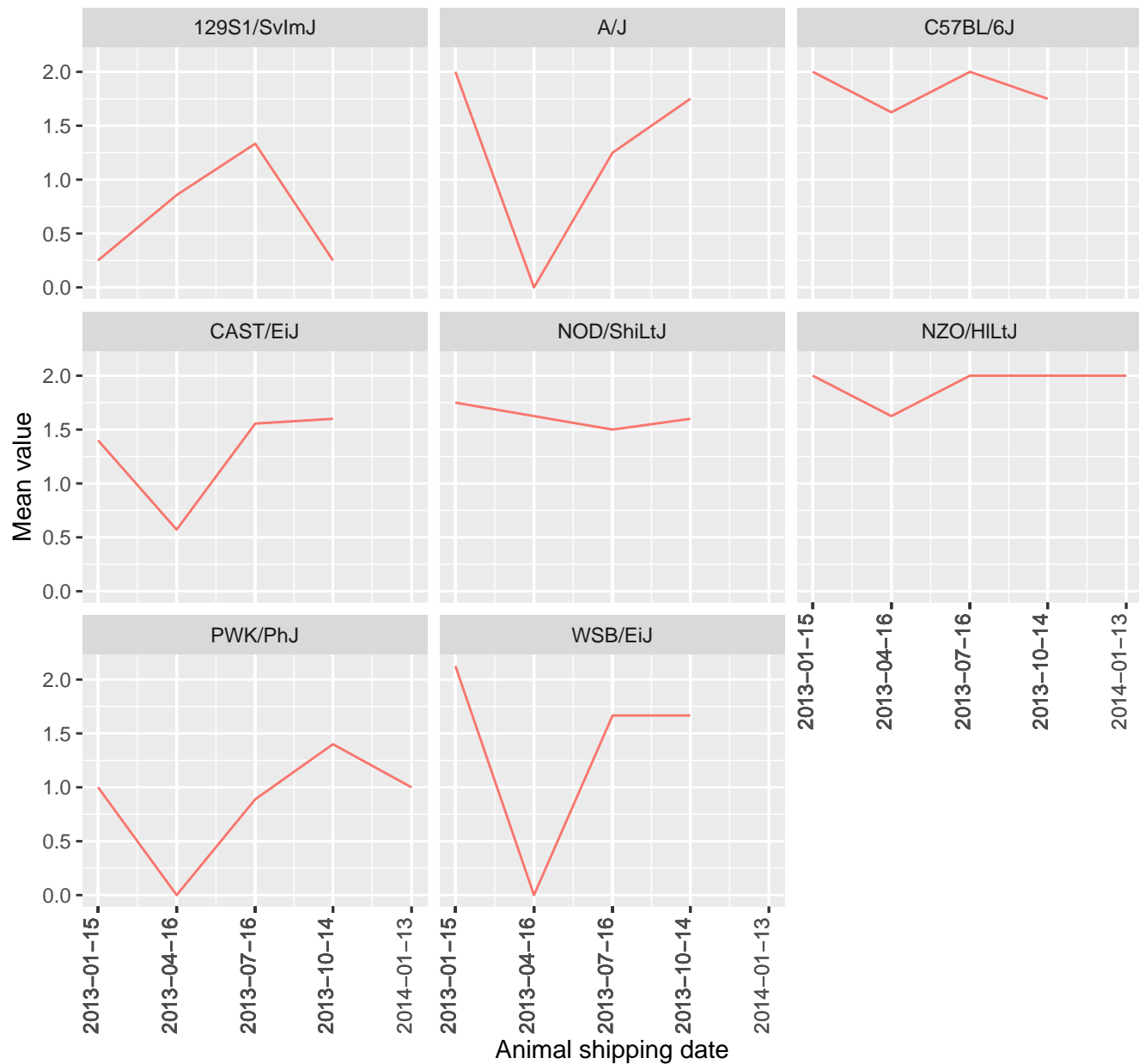


Procedure: GMC07

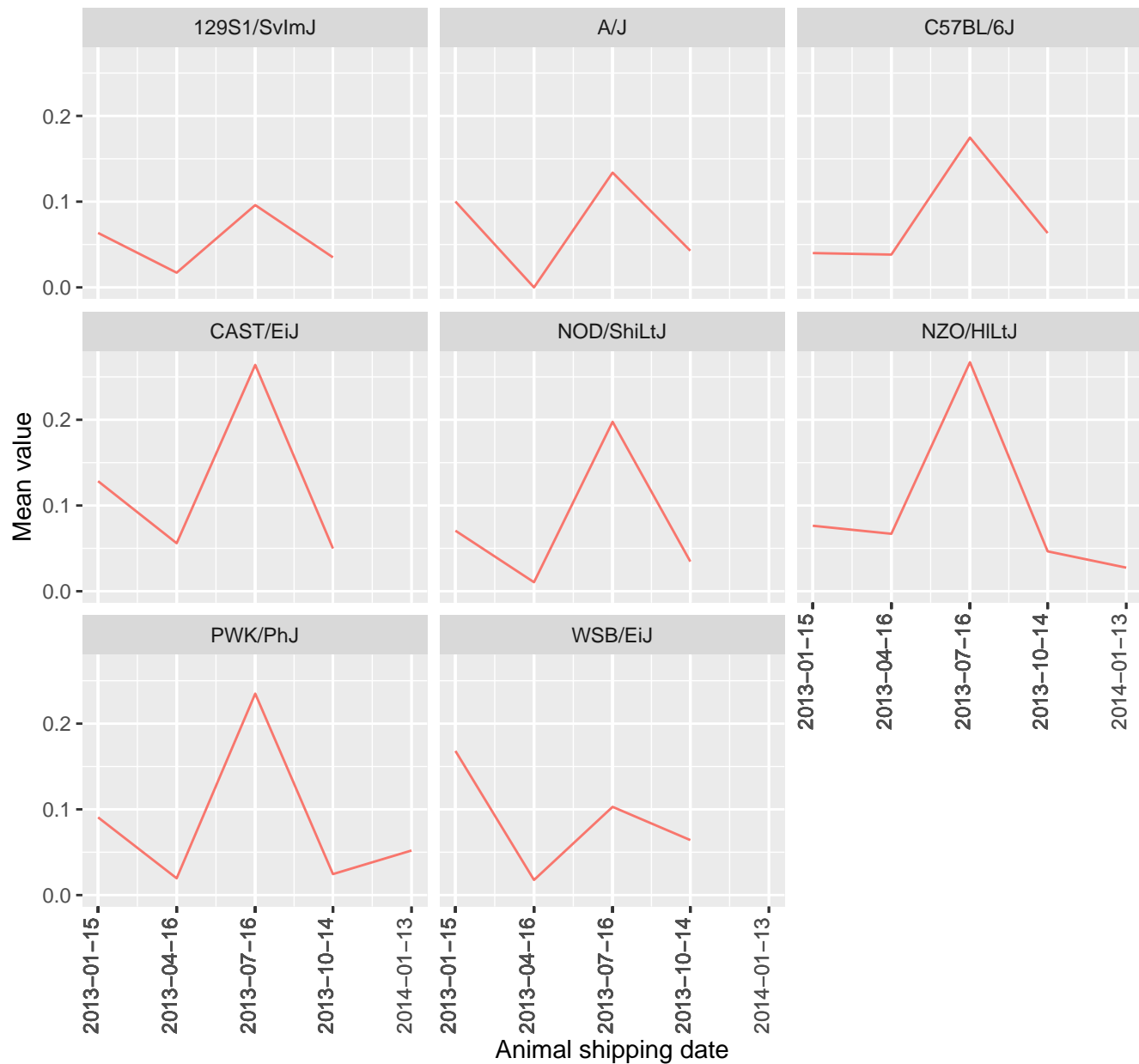
Parameter: response_1



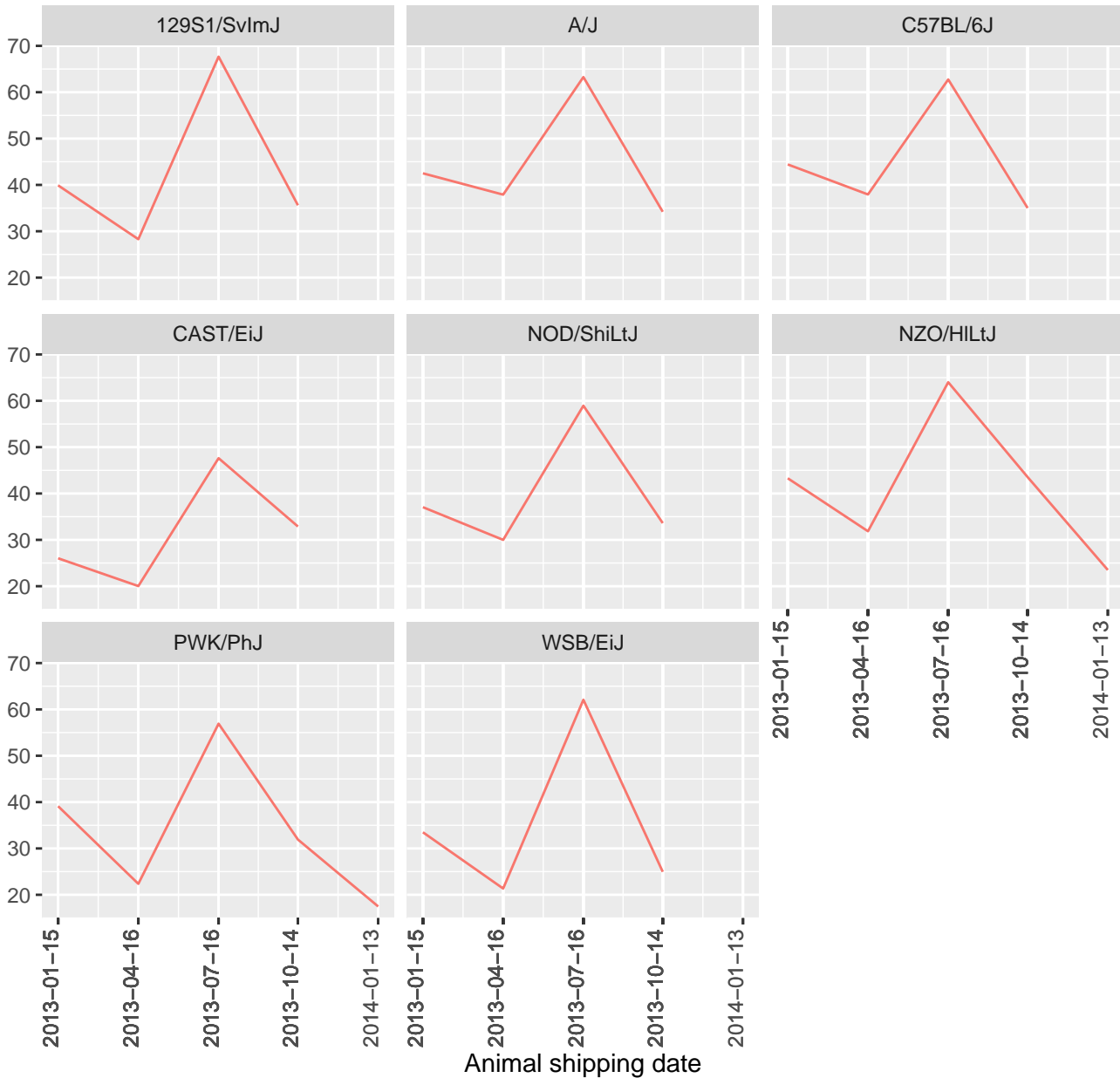
Procedure: GMC07
Parameter: response_2



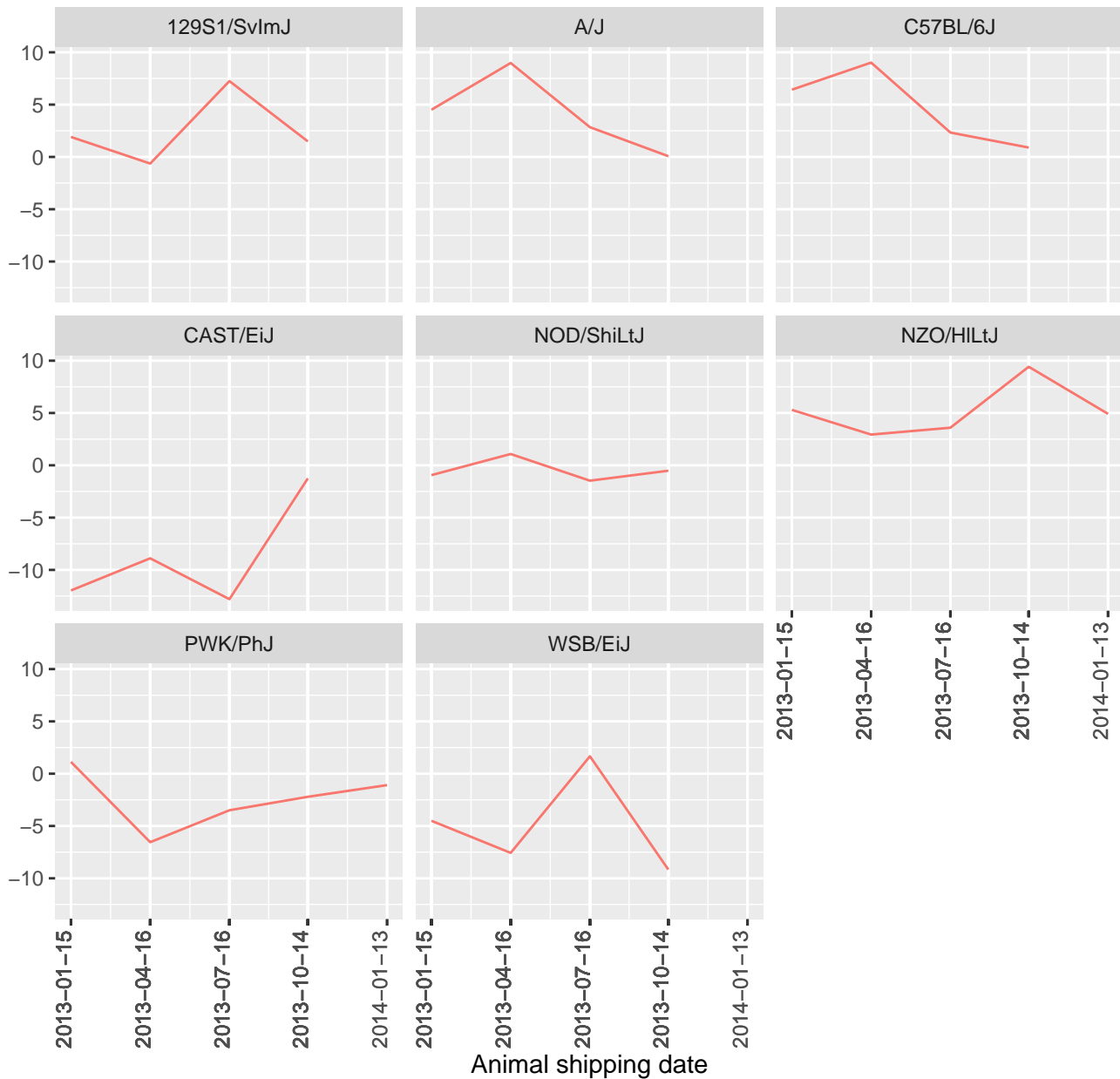
Procedure: GMC08
Parameter: SSWL



Procedure: GMC08
Parameter: TEWL

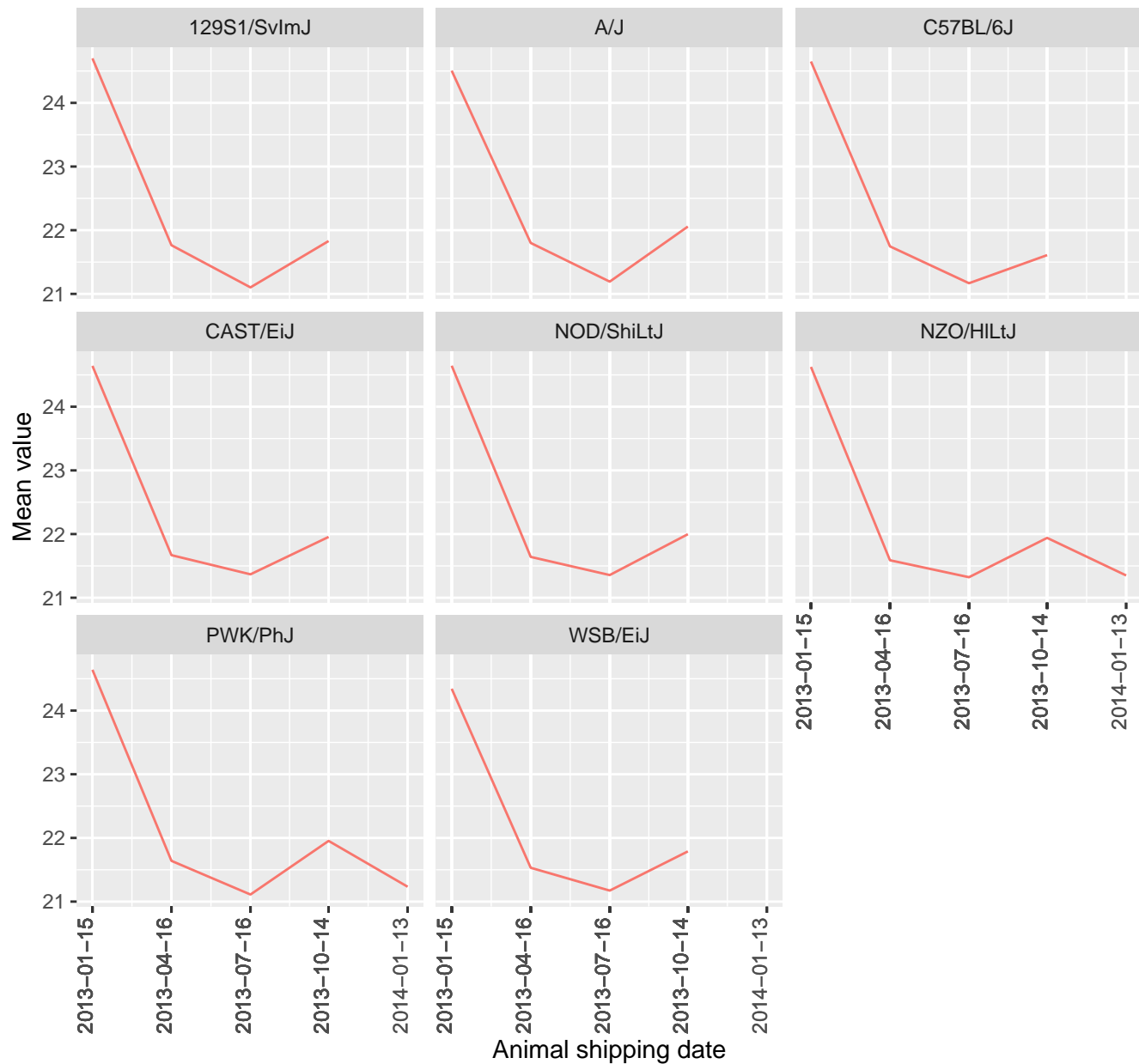


Procedure: GMC08
Parameter: TEWL_adj

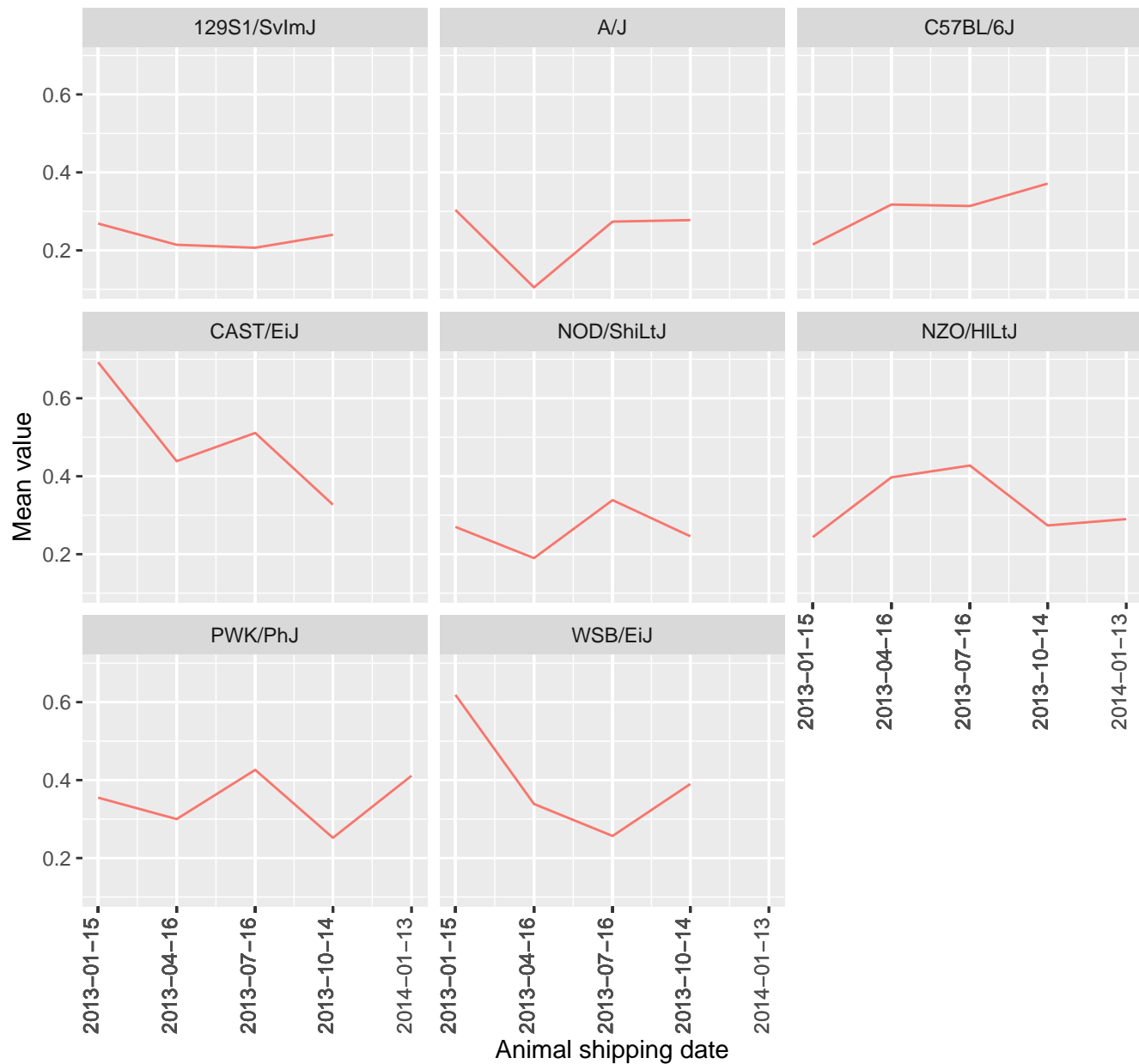


Procedure: GMC08

Parameter: TEWL_ambient_temp

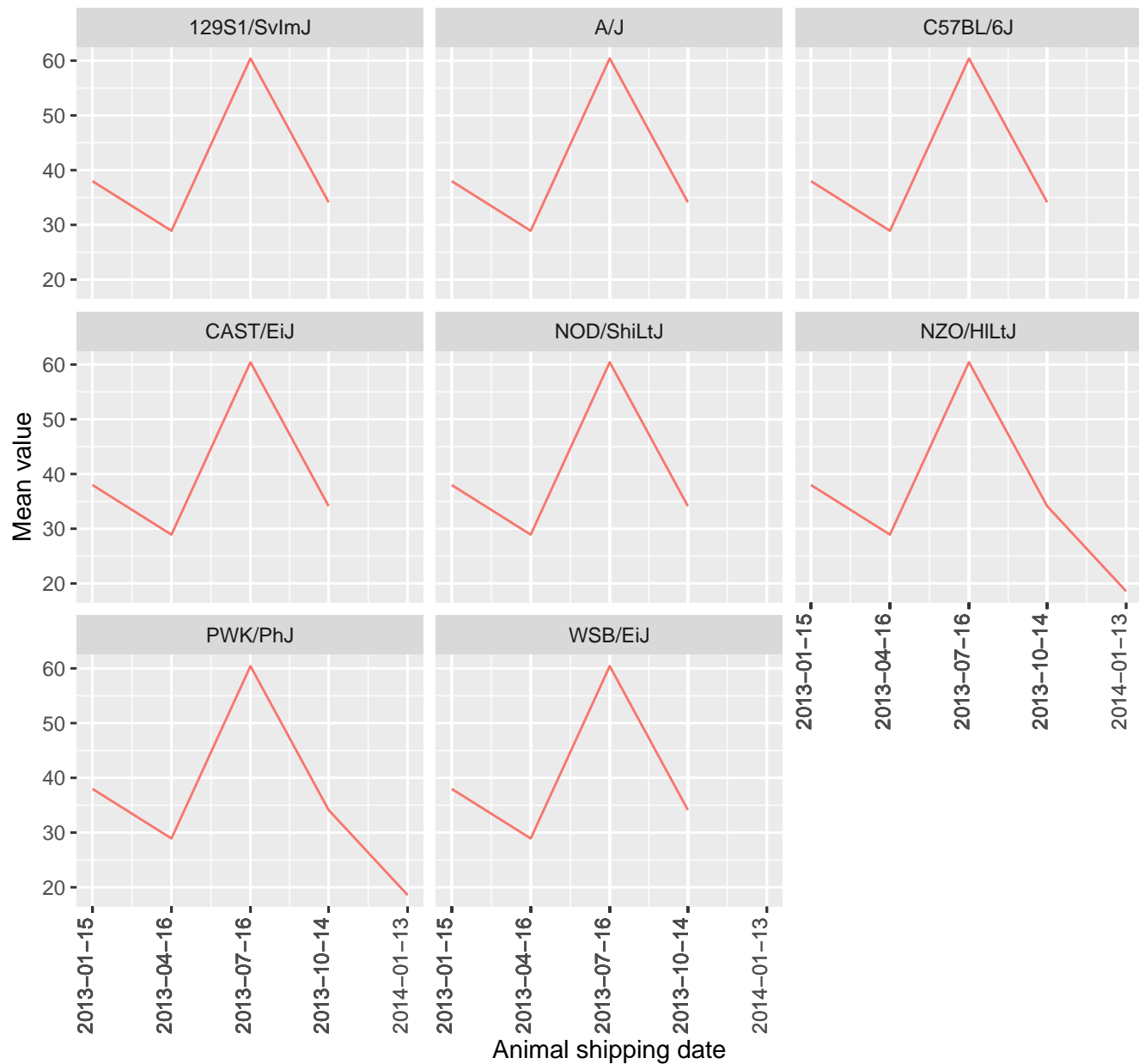


Procedure: GMC08
Parameter: TEWL_CV



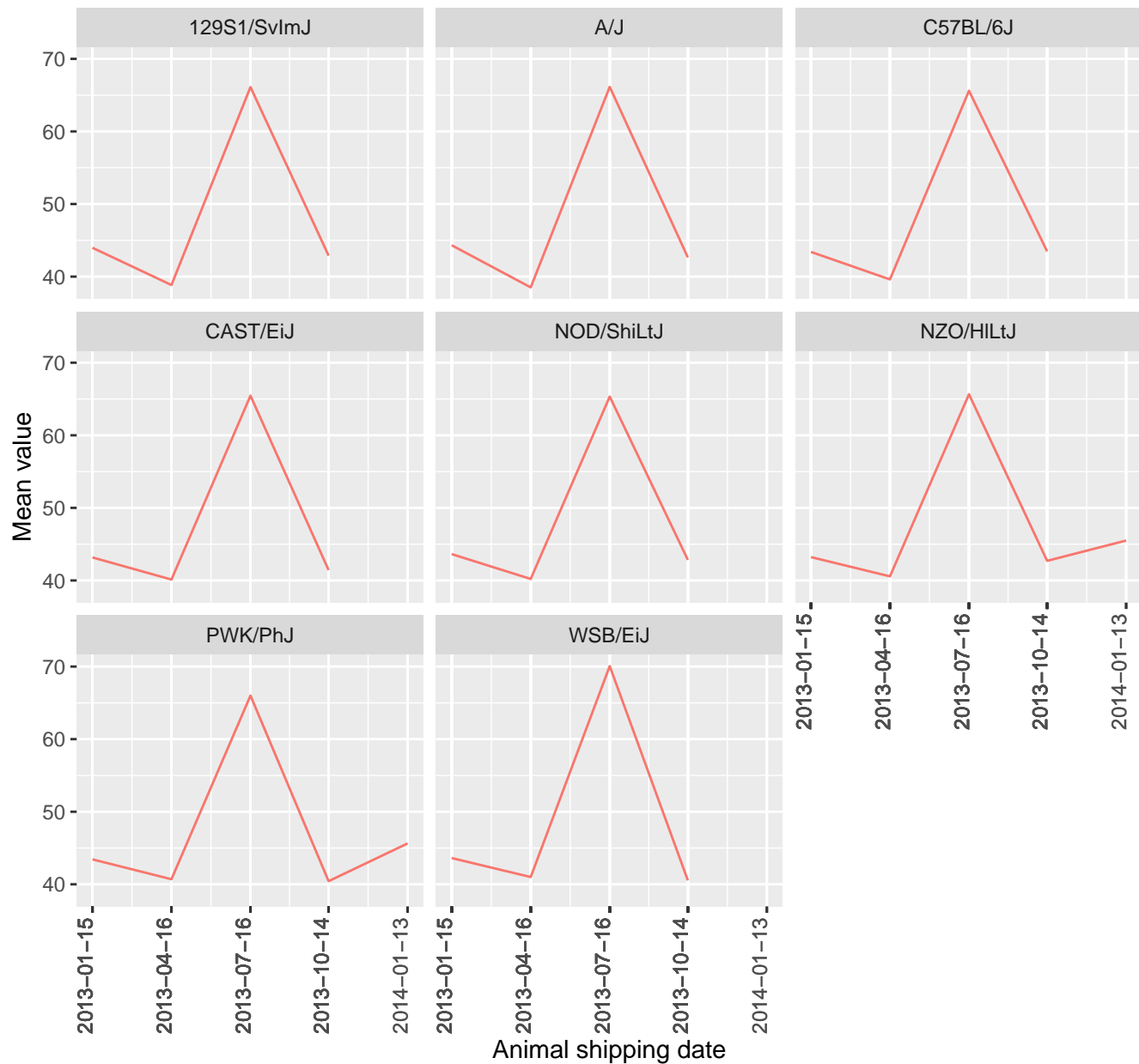
Procedure: GMC08

Parameter: TEWL_daily_mean

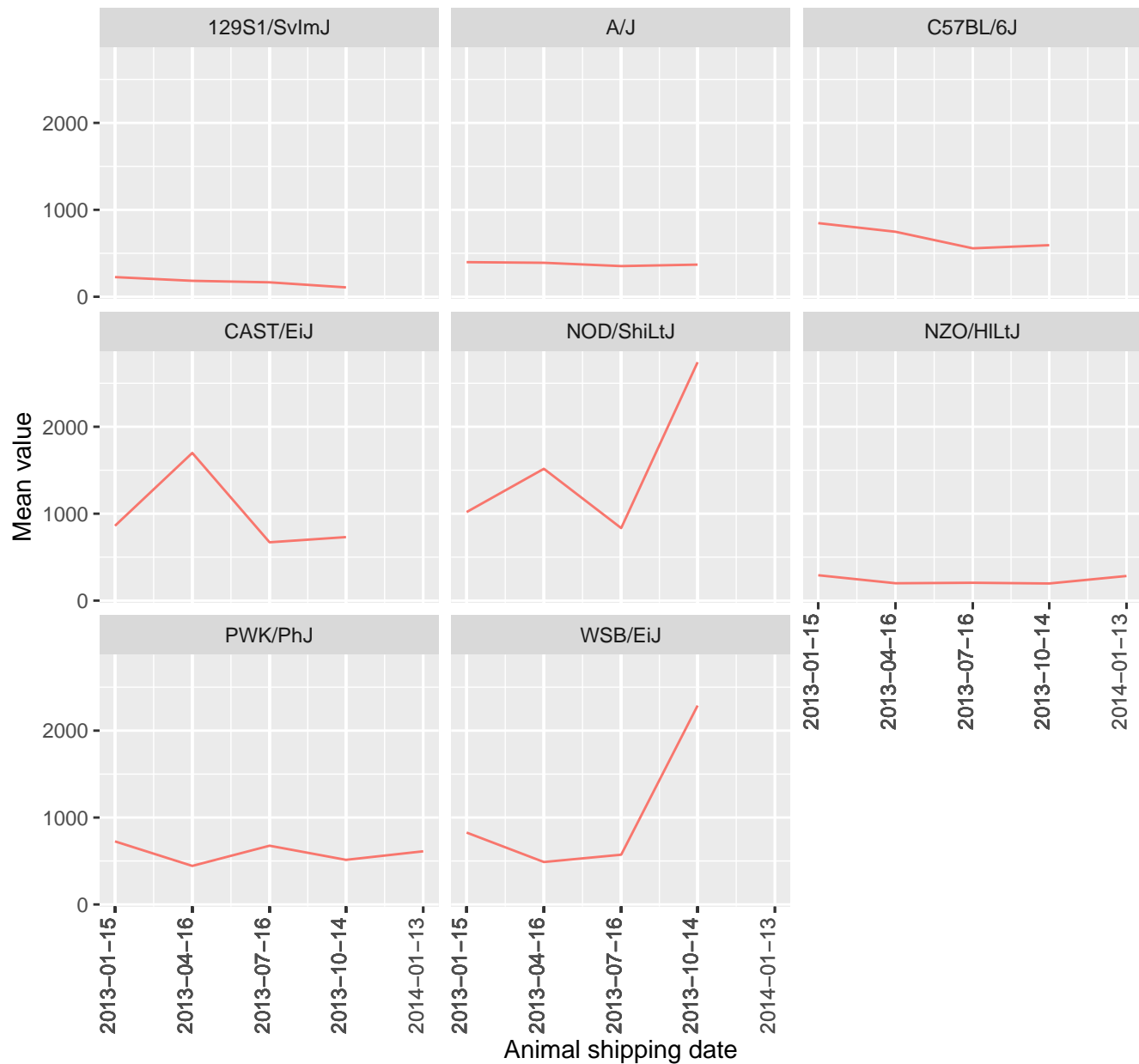


Procedure: GMC08

Parameter: TEWL_rel_humidity

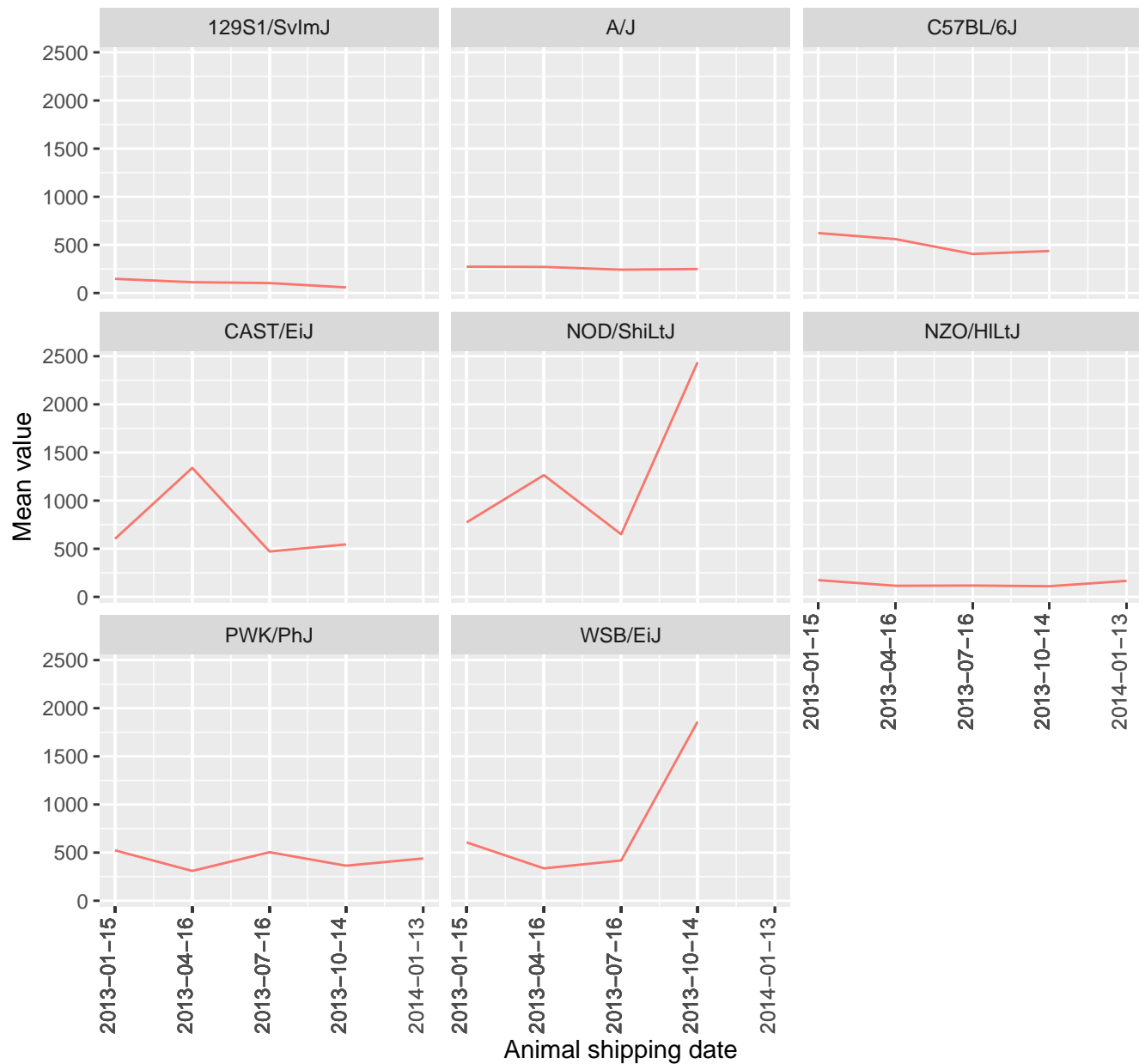


Procedure: GMC09
Parameter: breaks_X_mean

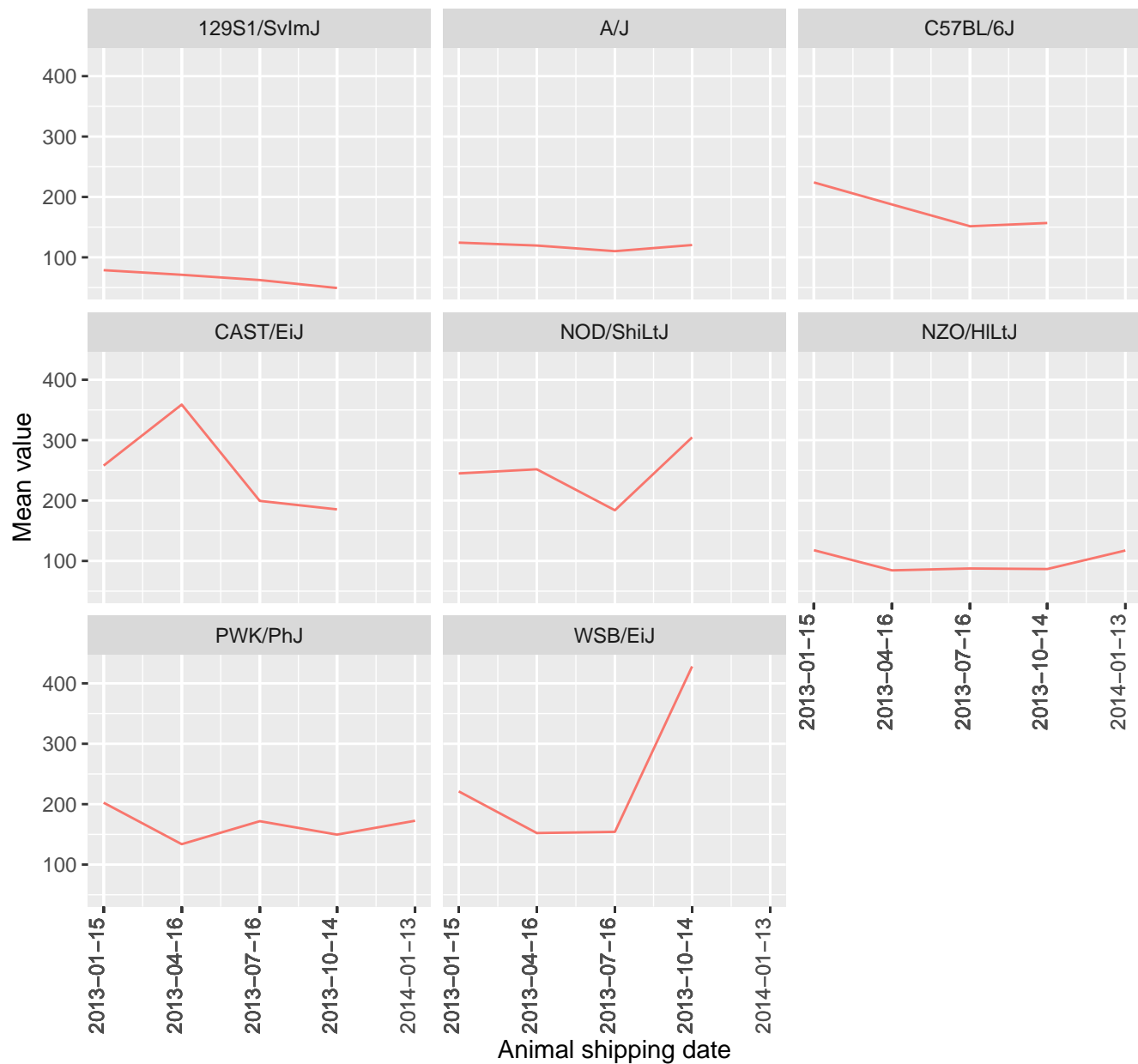


Procedure: GMC09

Parameter: breaks_XA_mean

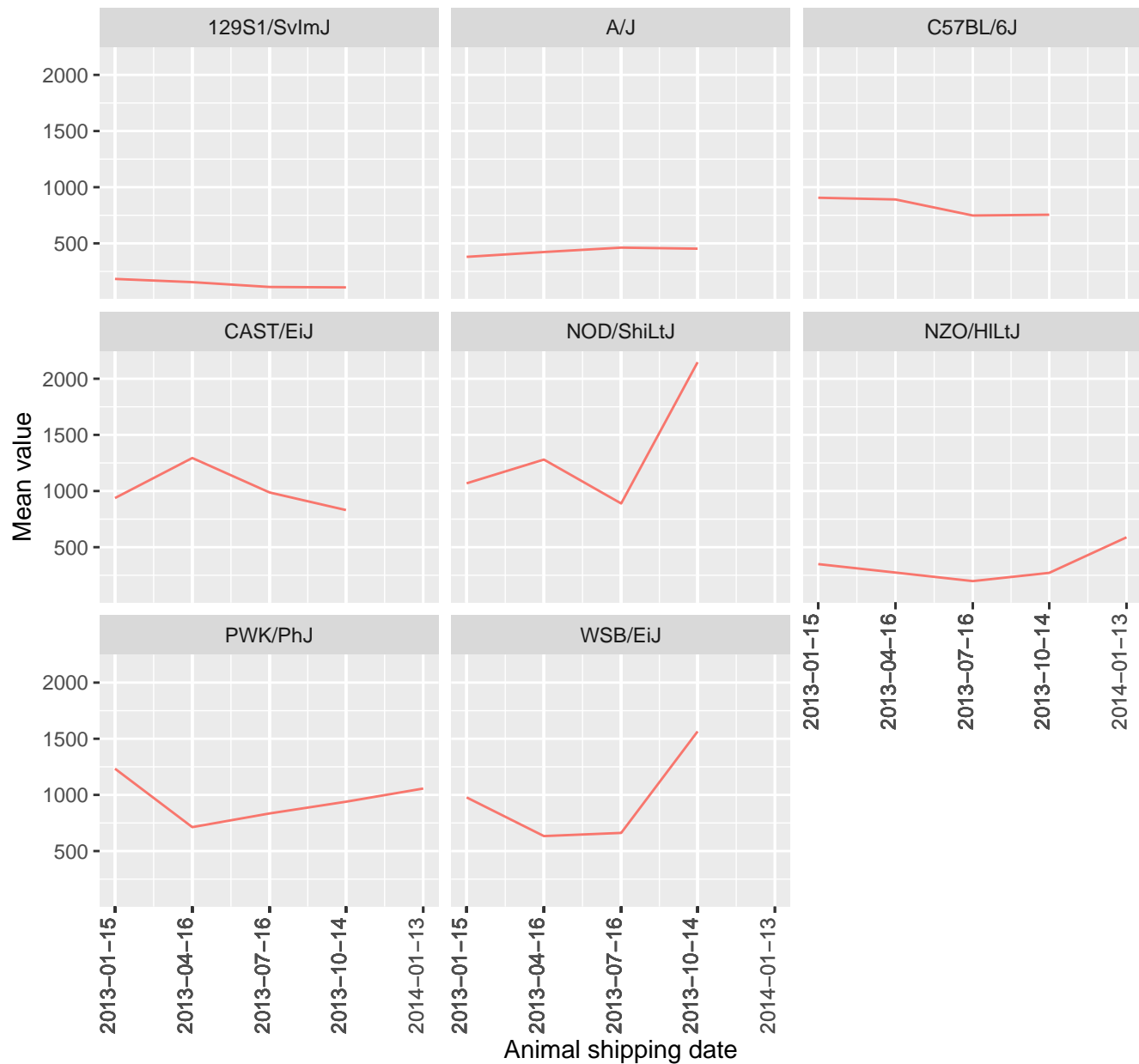


Procedure: GMC09
Parameter: breaks_XF_mean

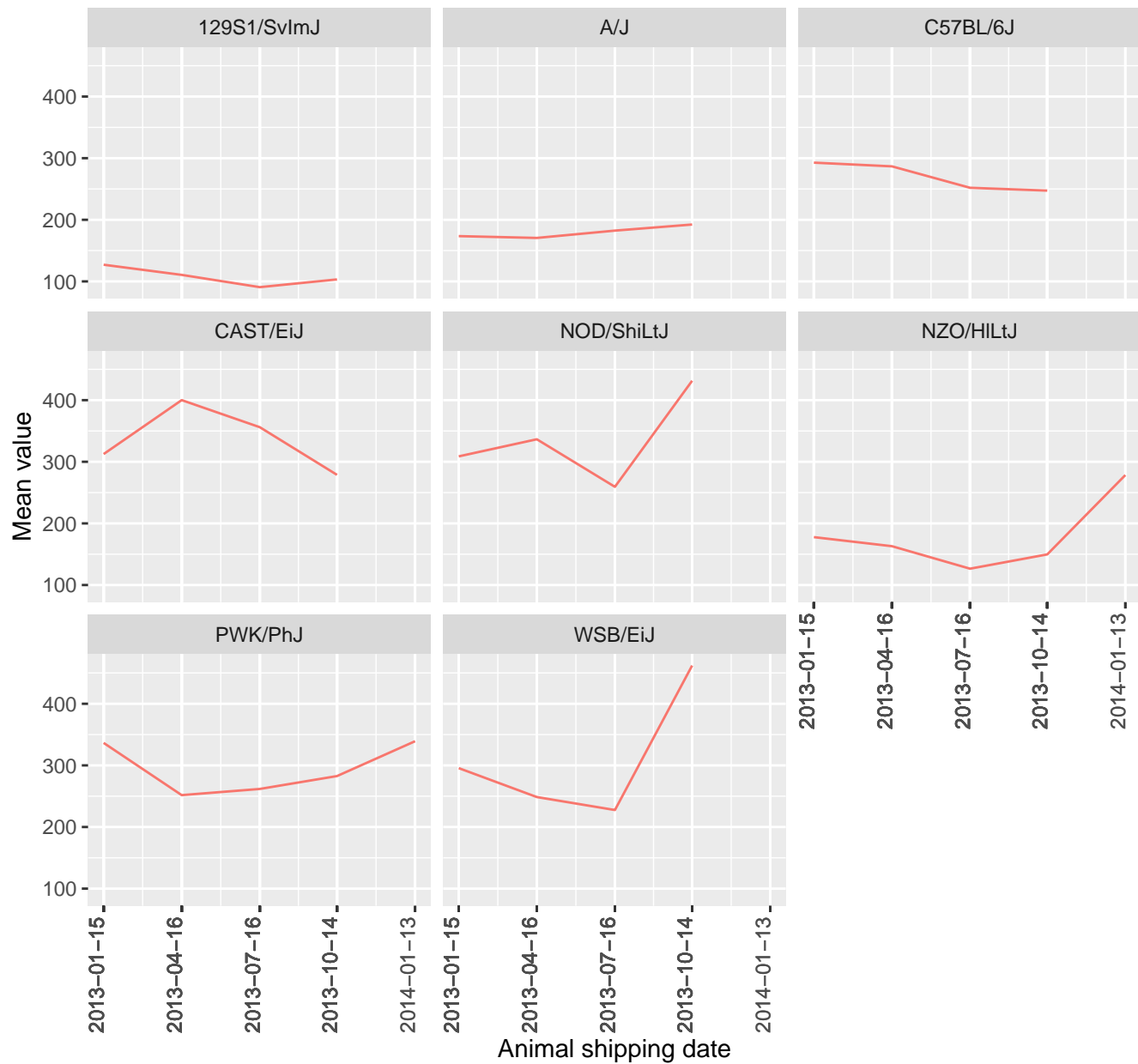


Procedure: GMC09

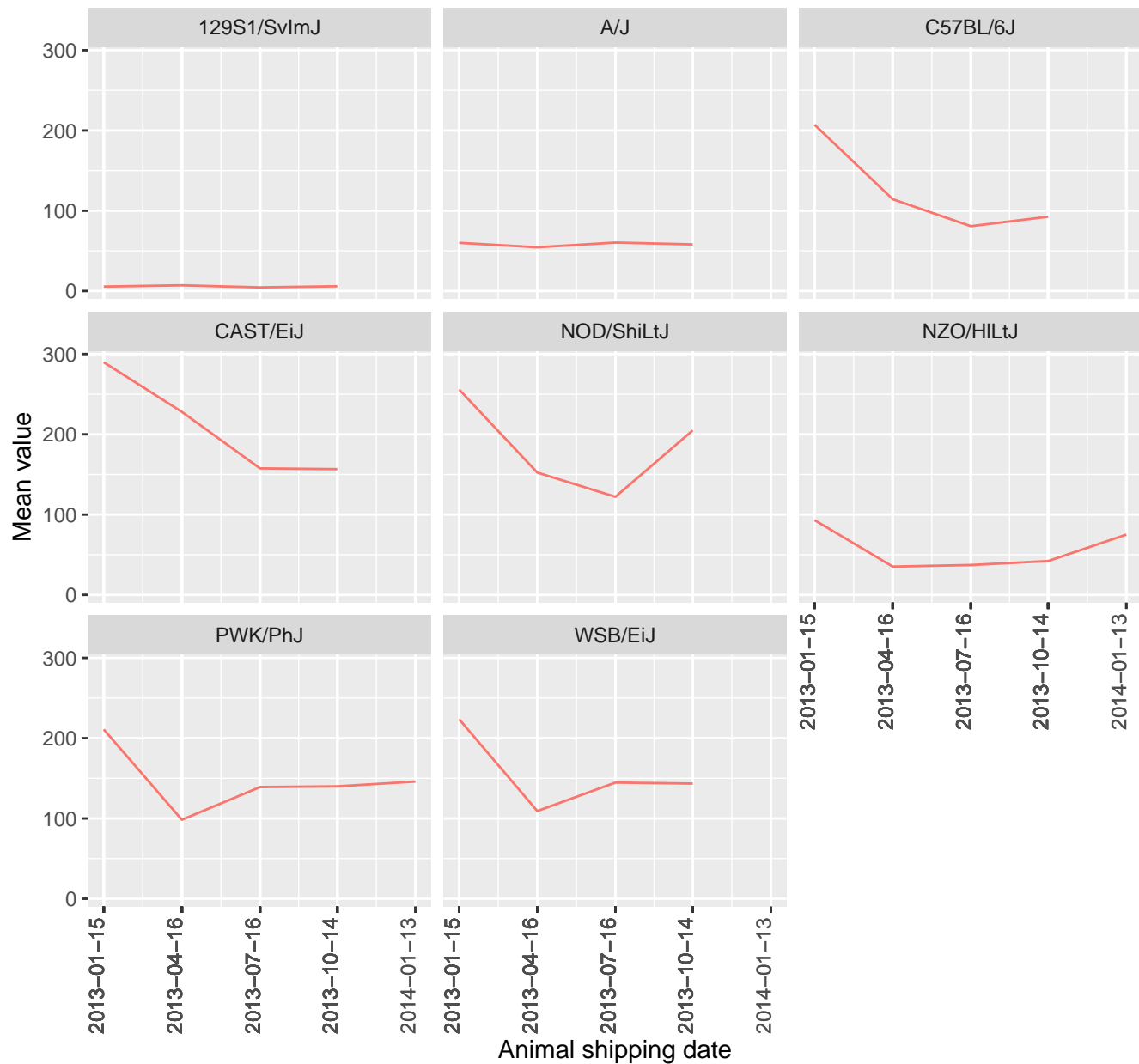
Parameter: breaks_YA_mean



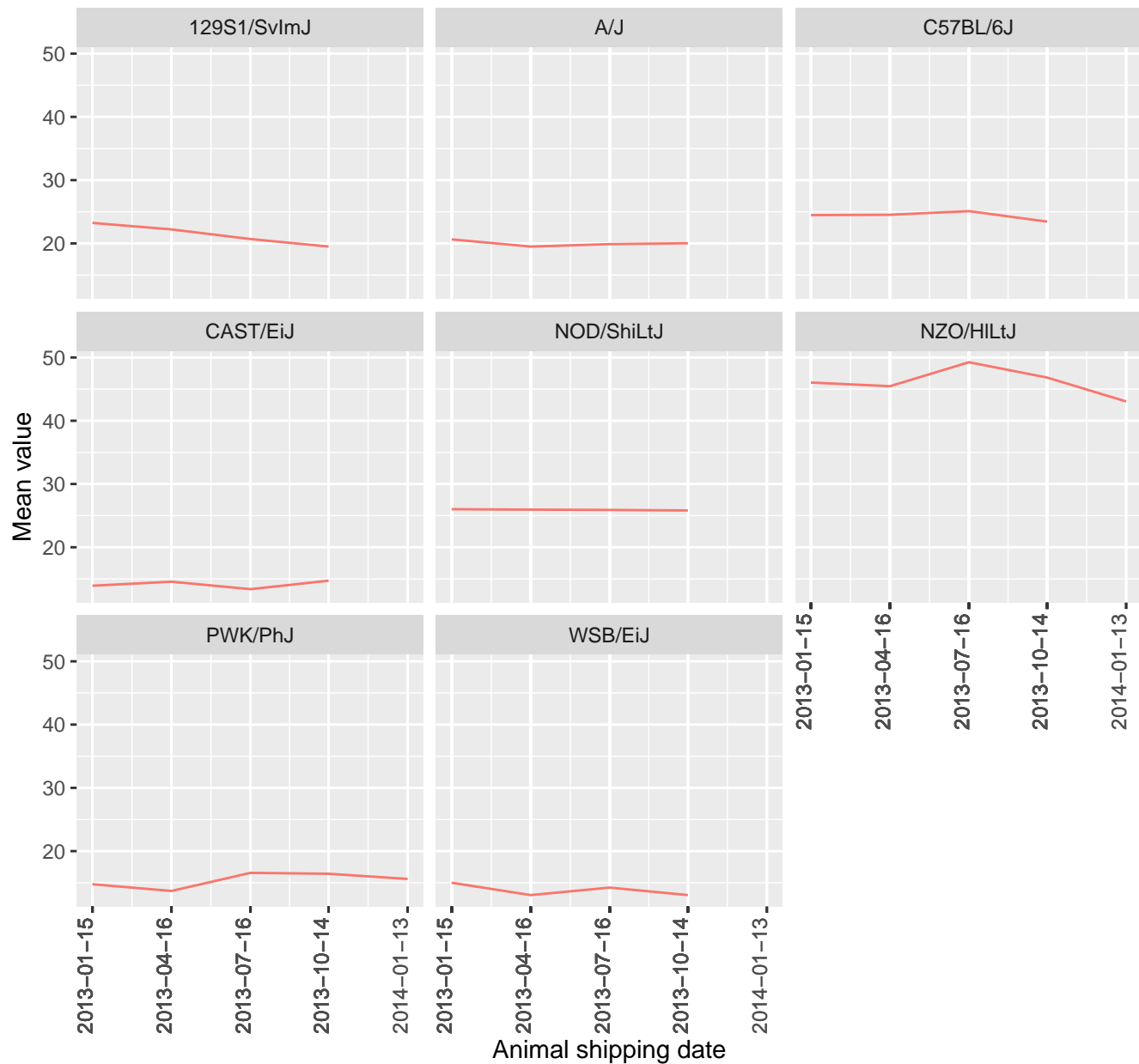
Procedure: GMC09
Parameter: breaks_YF_mean



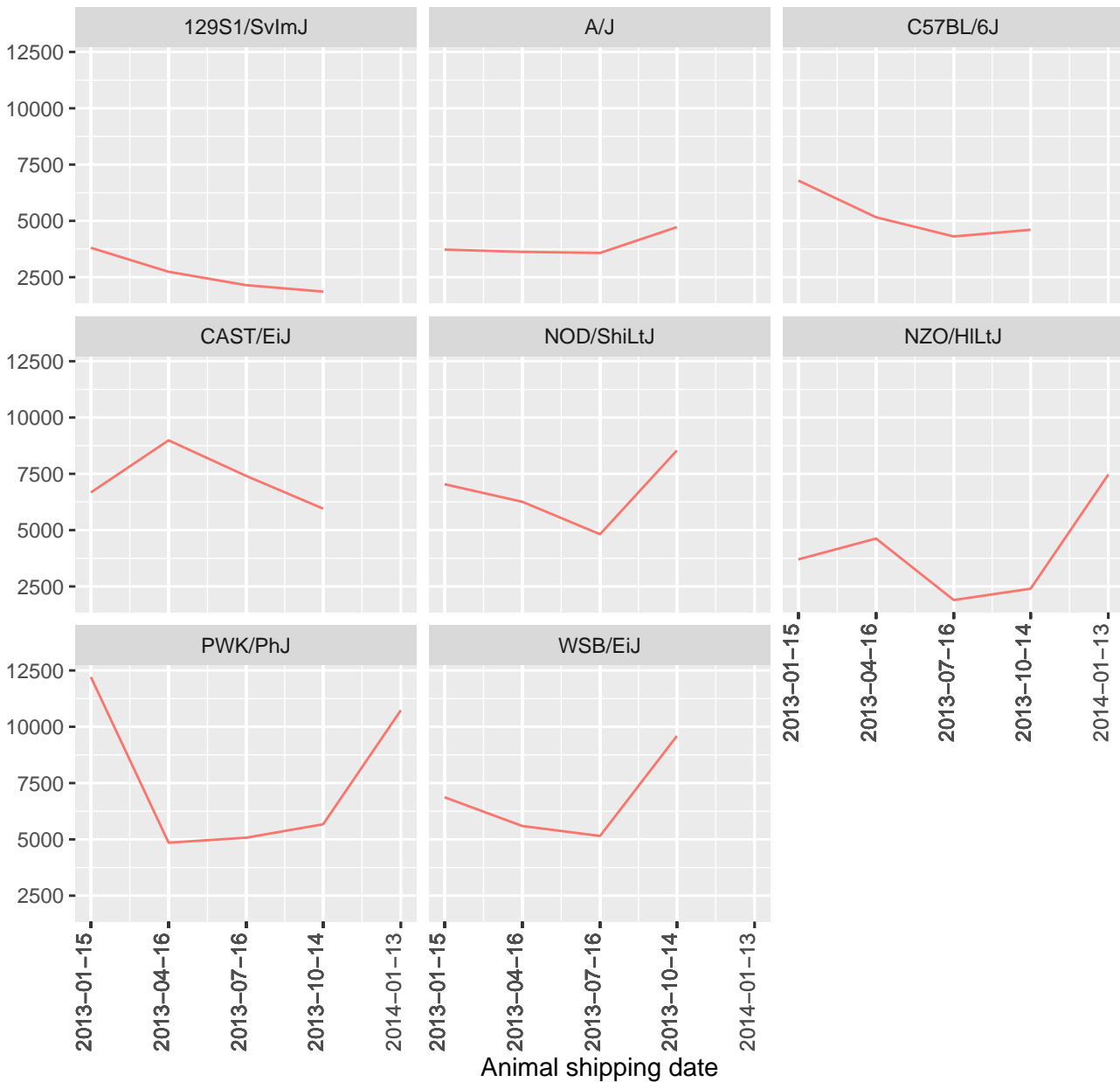
Procedure: GMC09
Parameter: breaks_Z_mean



Procedure: GMC09
Parameter: bw_after

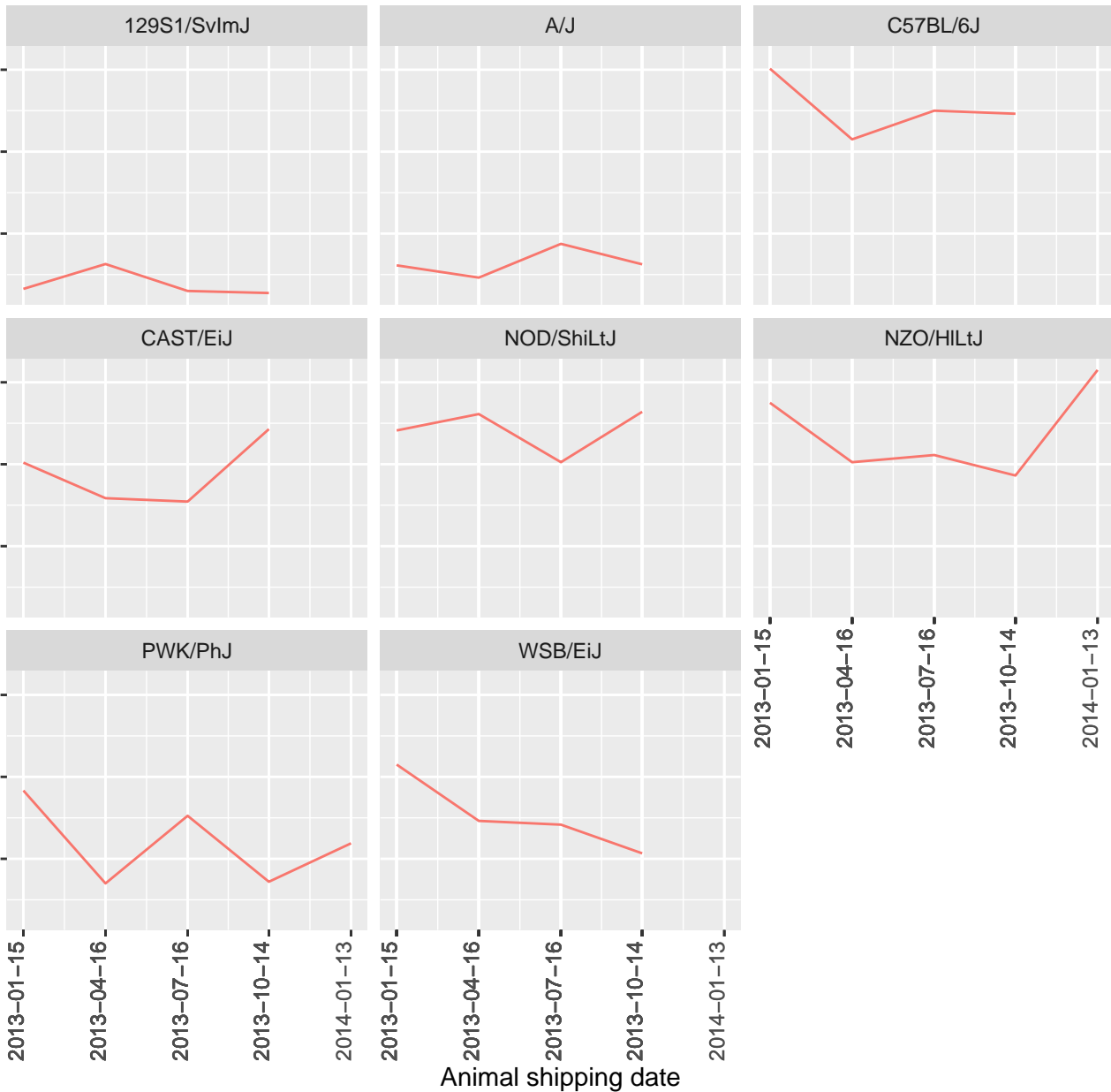


Procedure: GMC09
Parameter: distance_mean

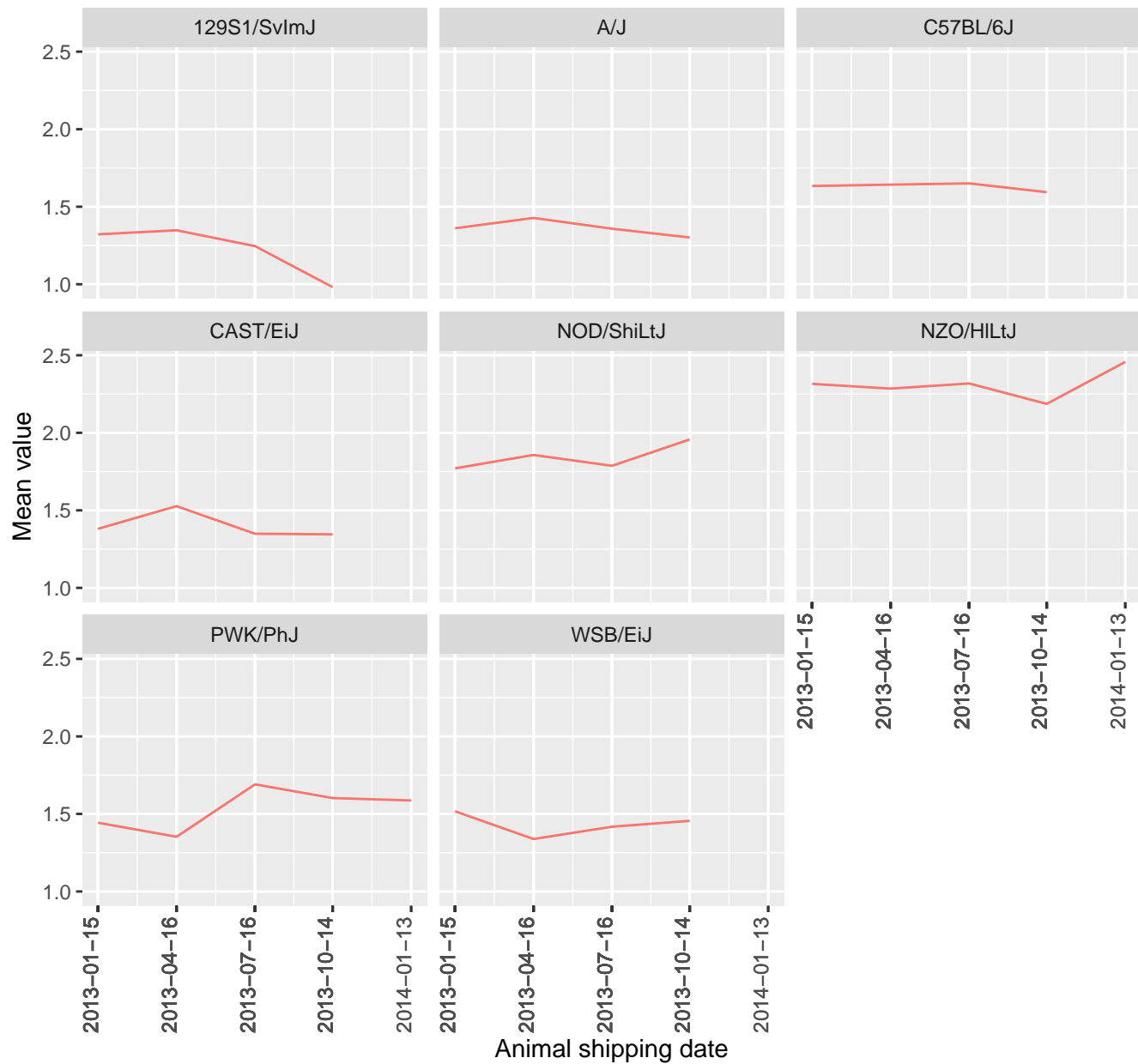


Procedure: GMC09

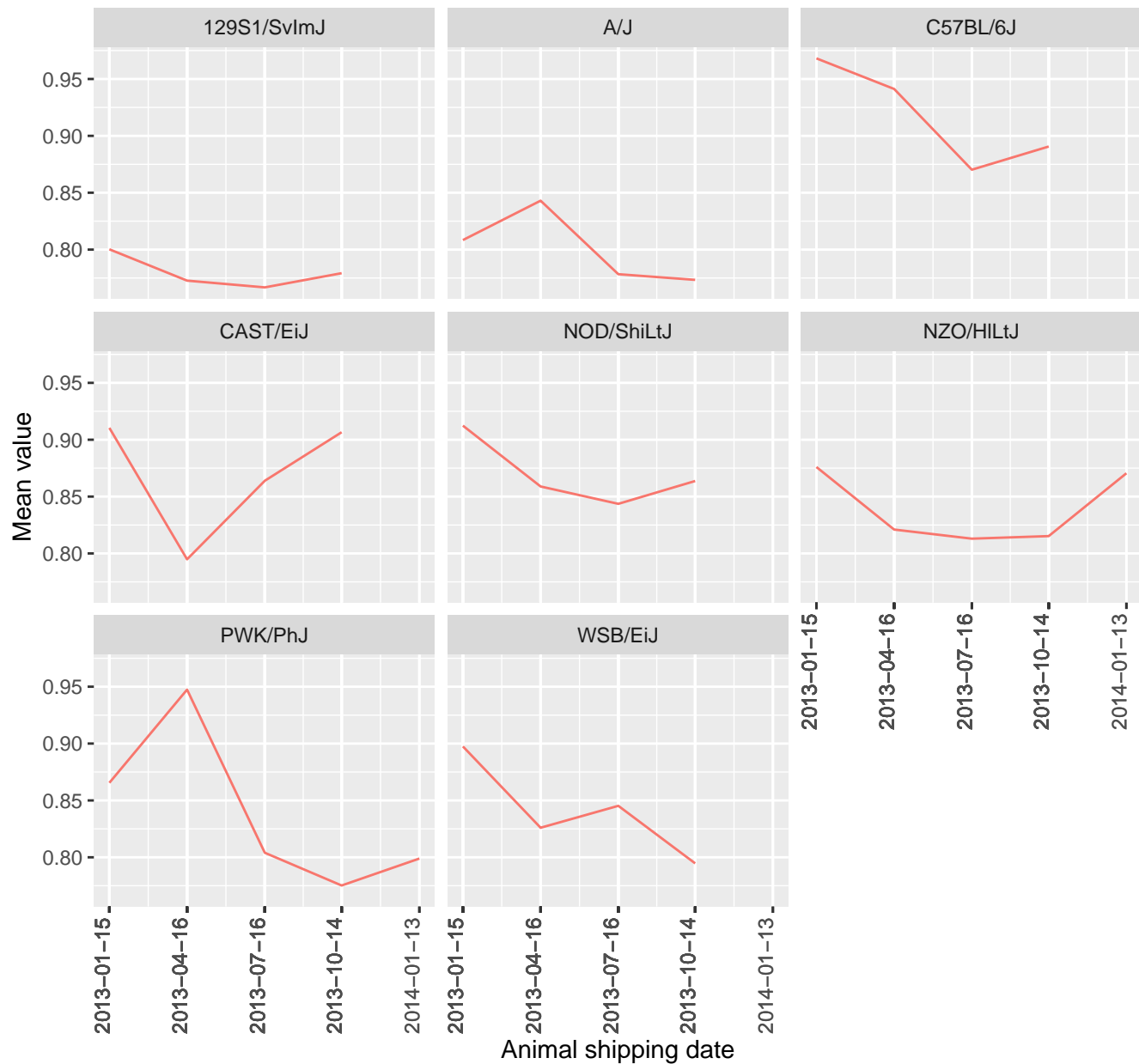
Parameter: food



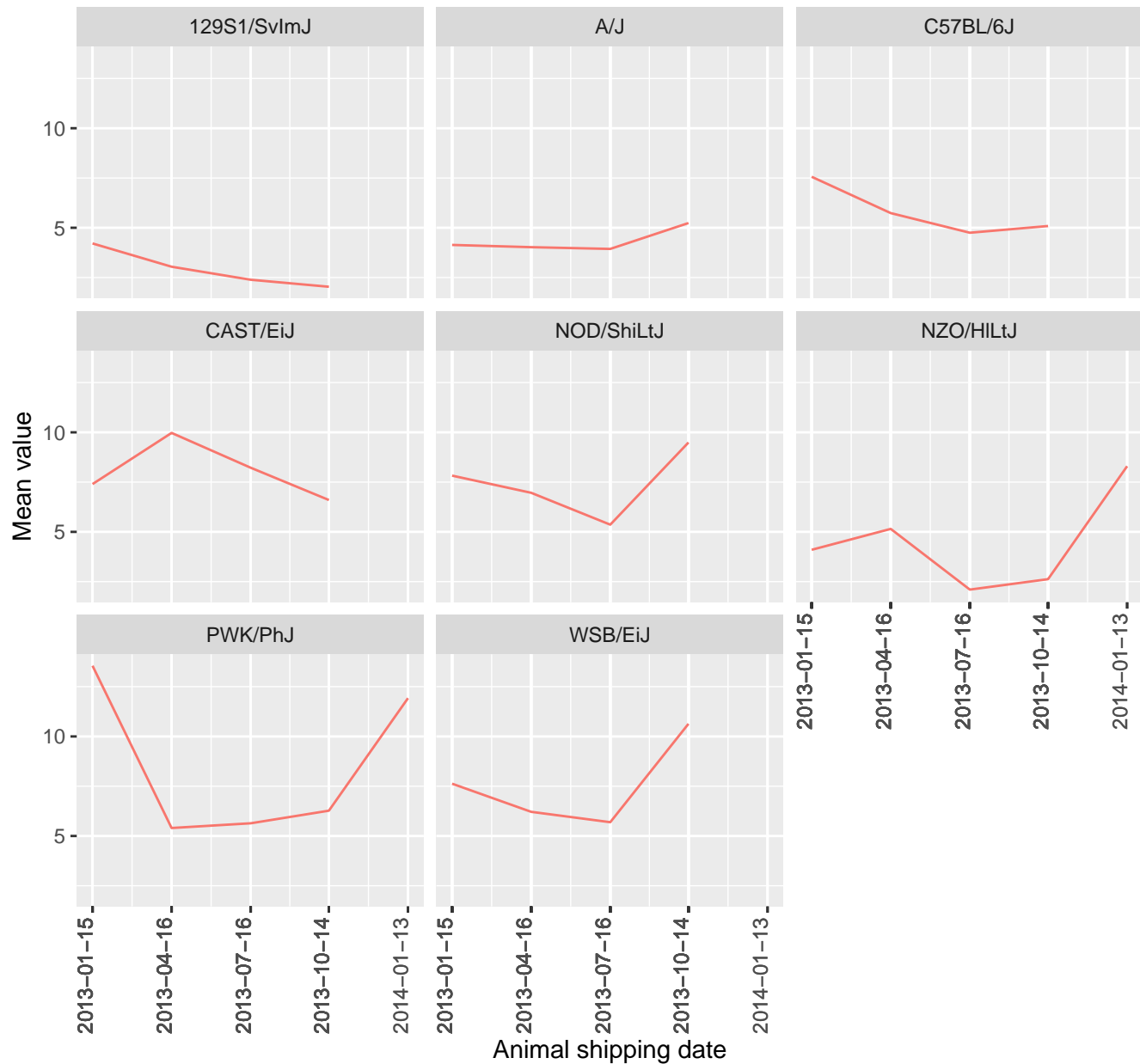
Procedure: GMC09
Parameter: heat_mean



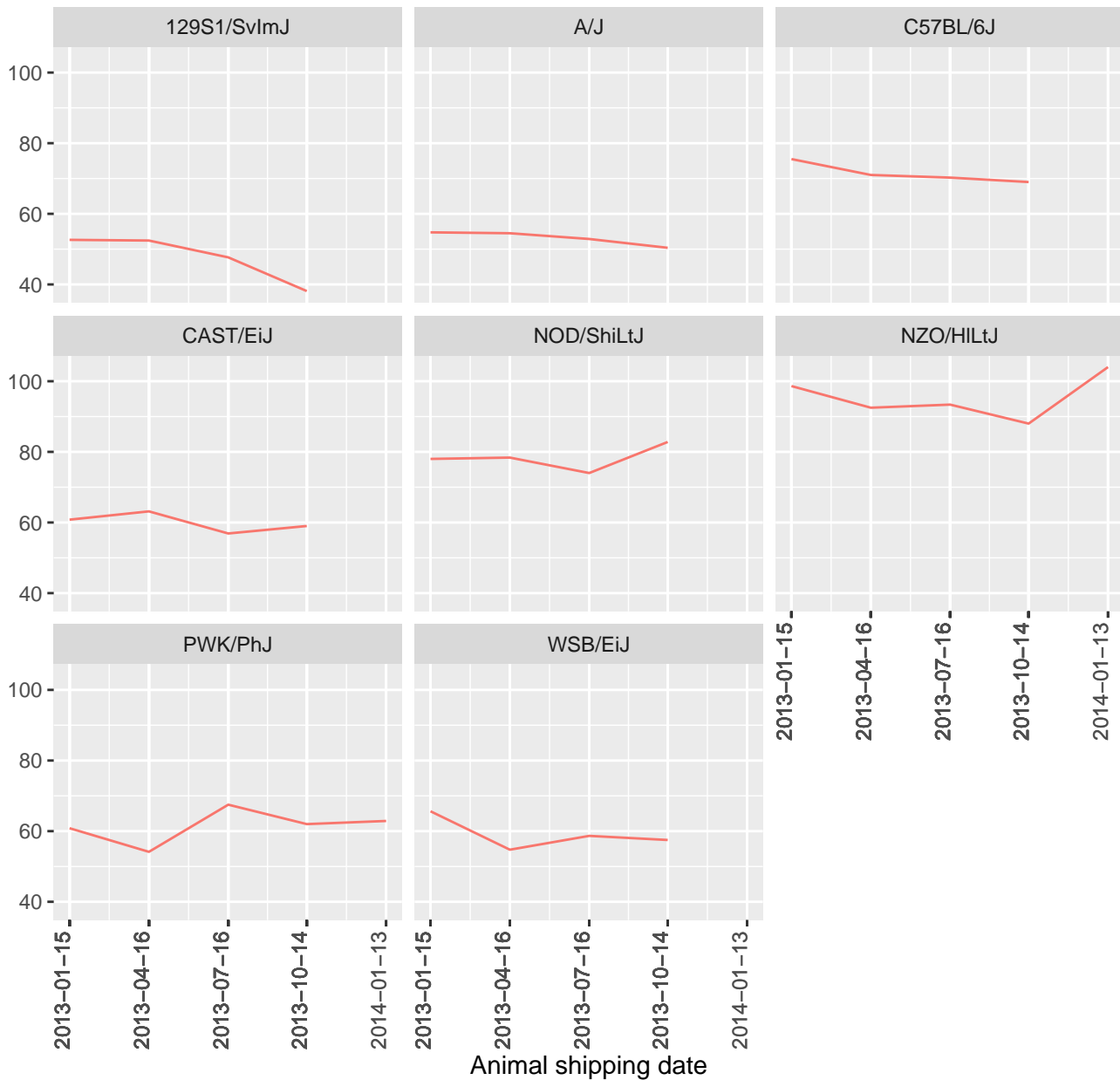
Procedure: GMC09
Parameter: RER_mean



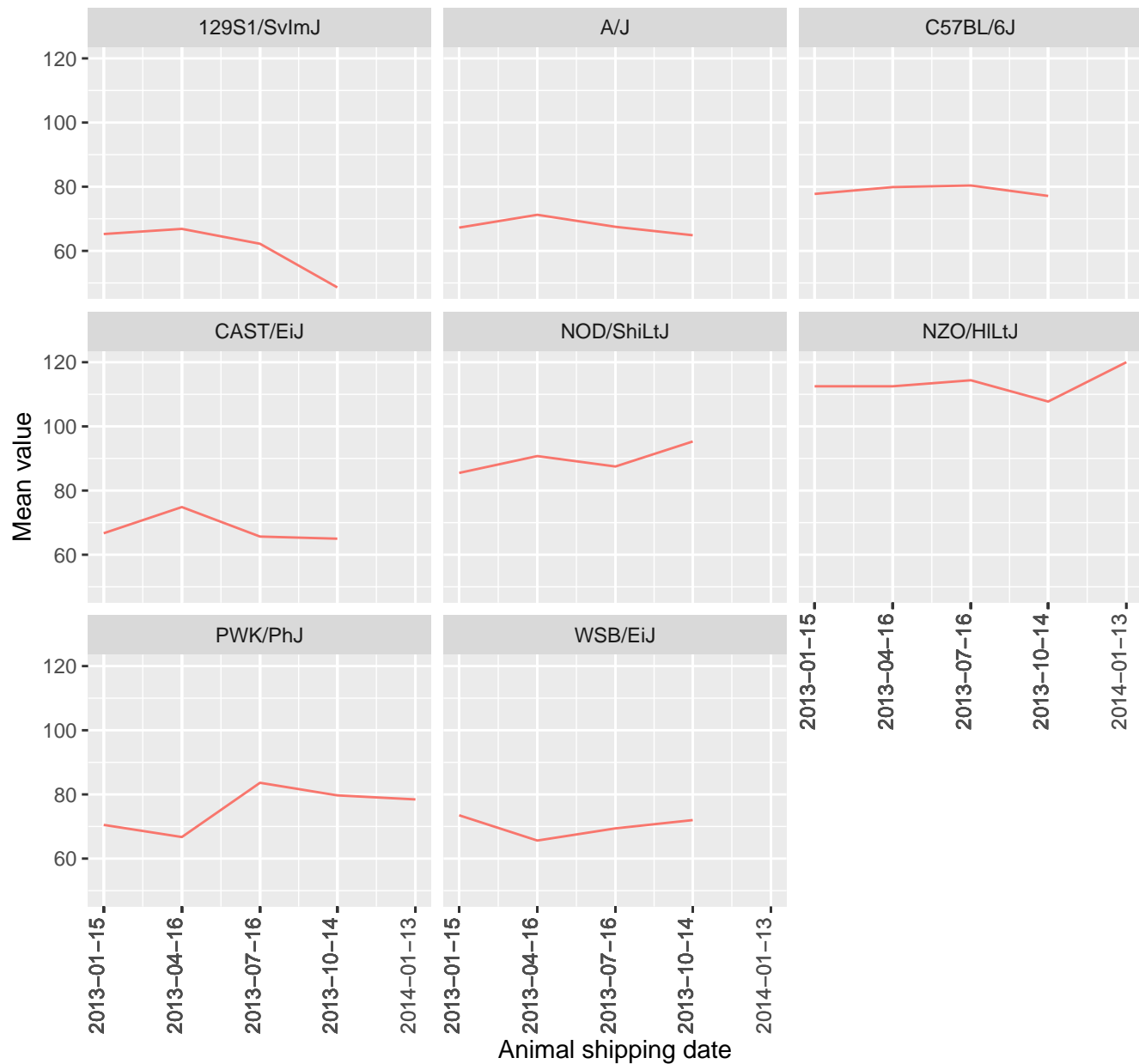
Procedure: GMC09
Parameter: speed_mean



Procedure: GMC09
Parameter: VCO2_mean

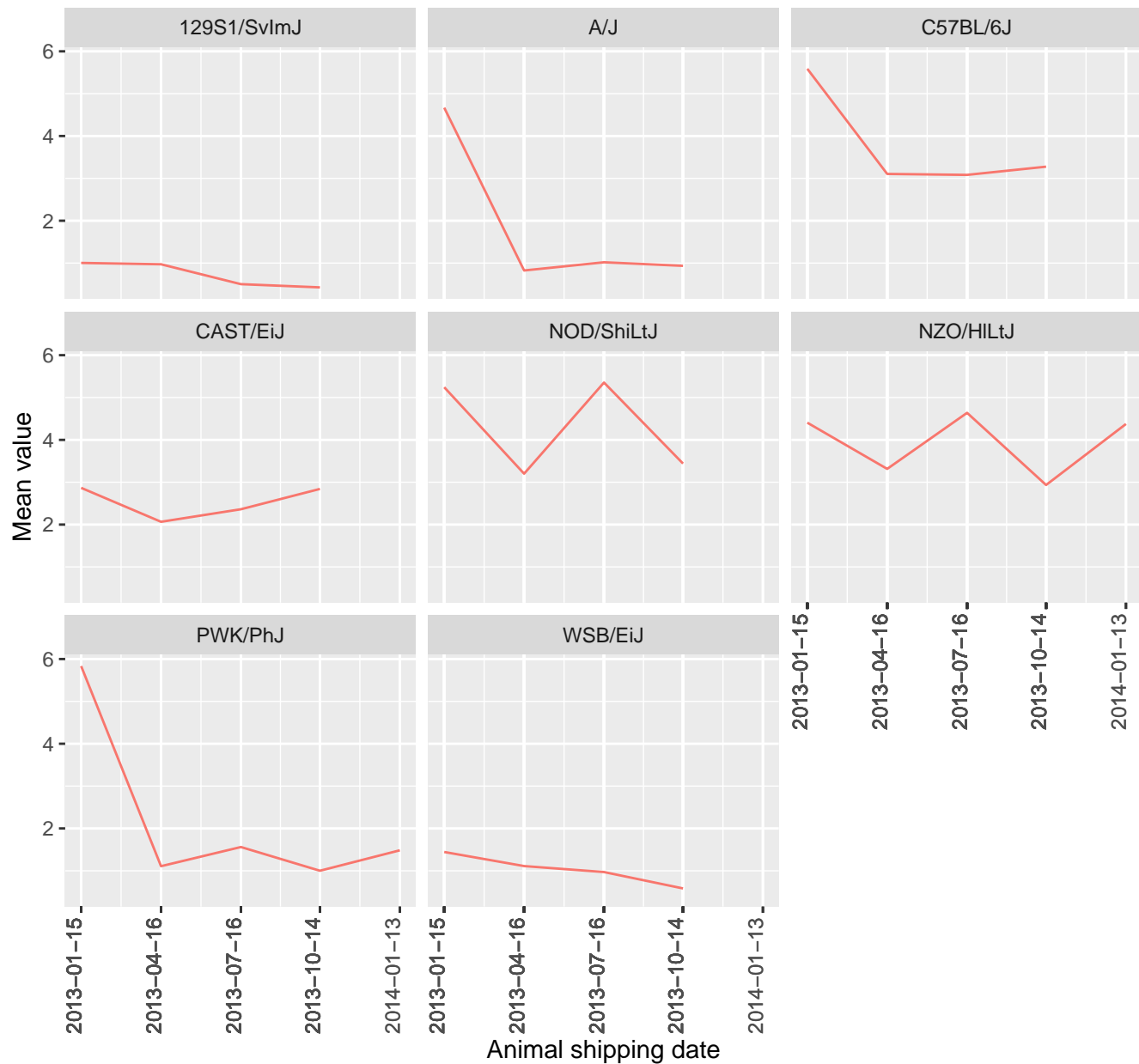


Procedure: GMC09
Parameter: VO2_mean

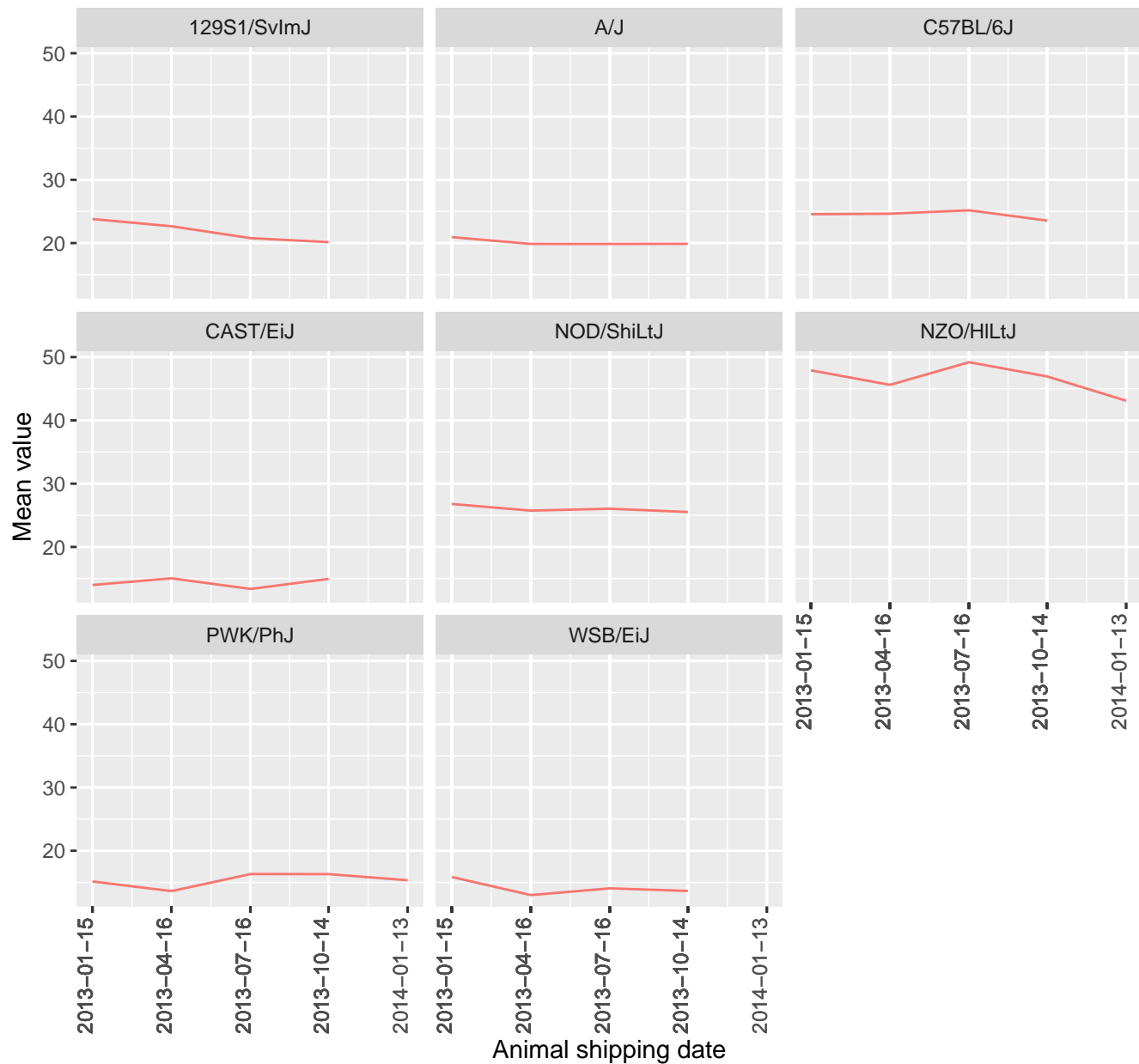


Procedure: GMC09

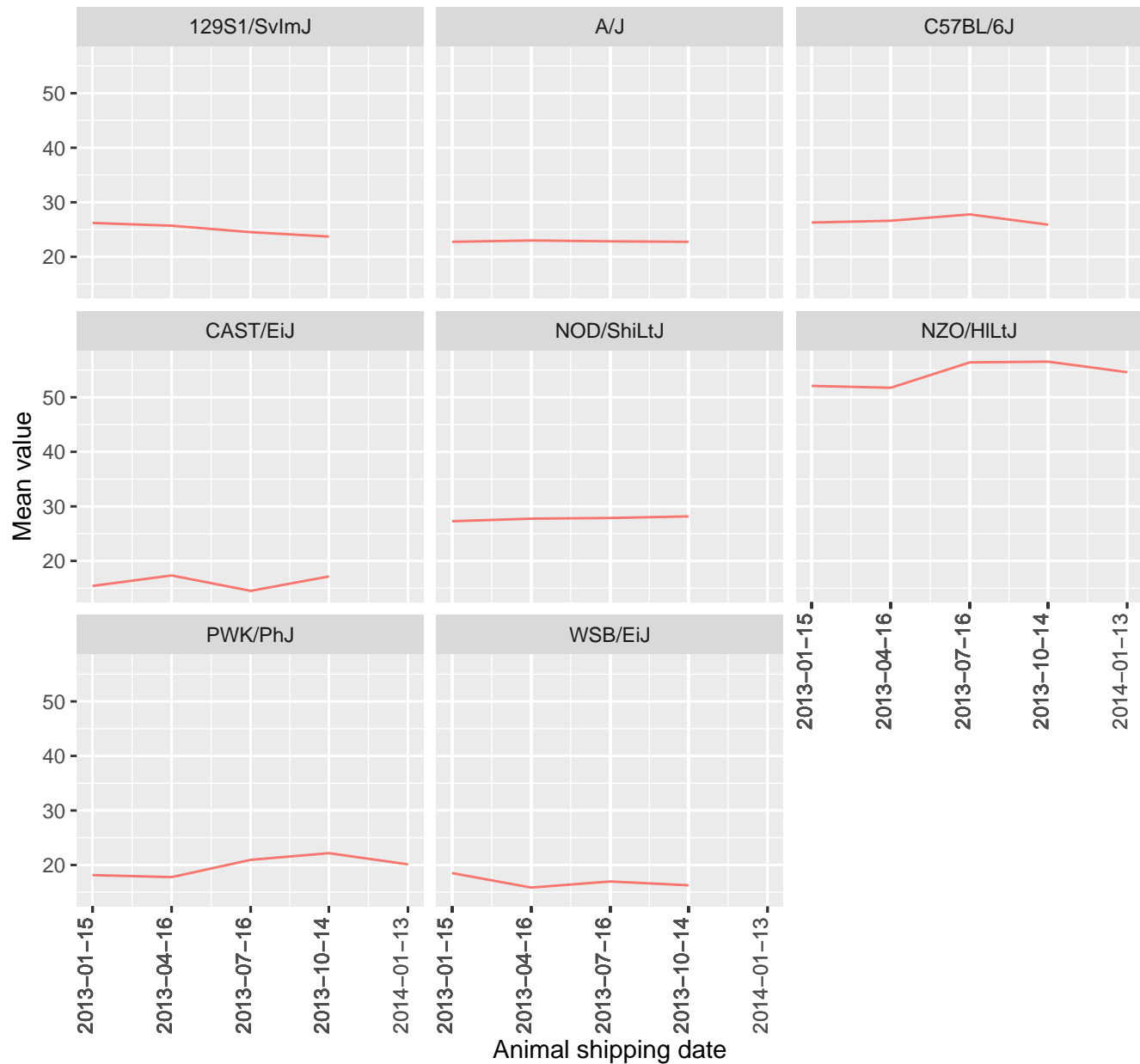
Parameter: water



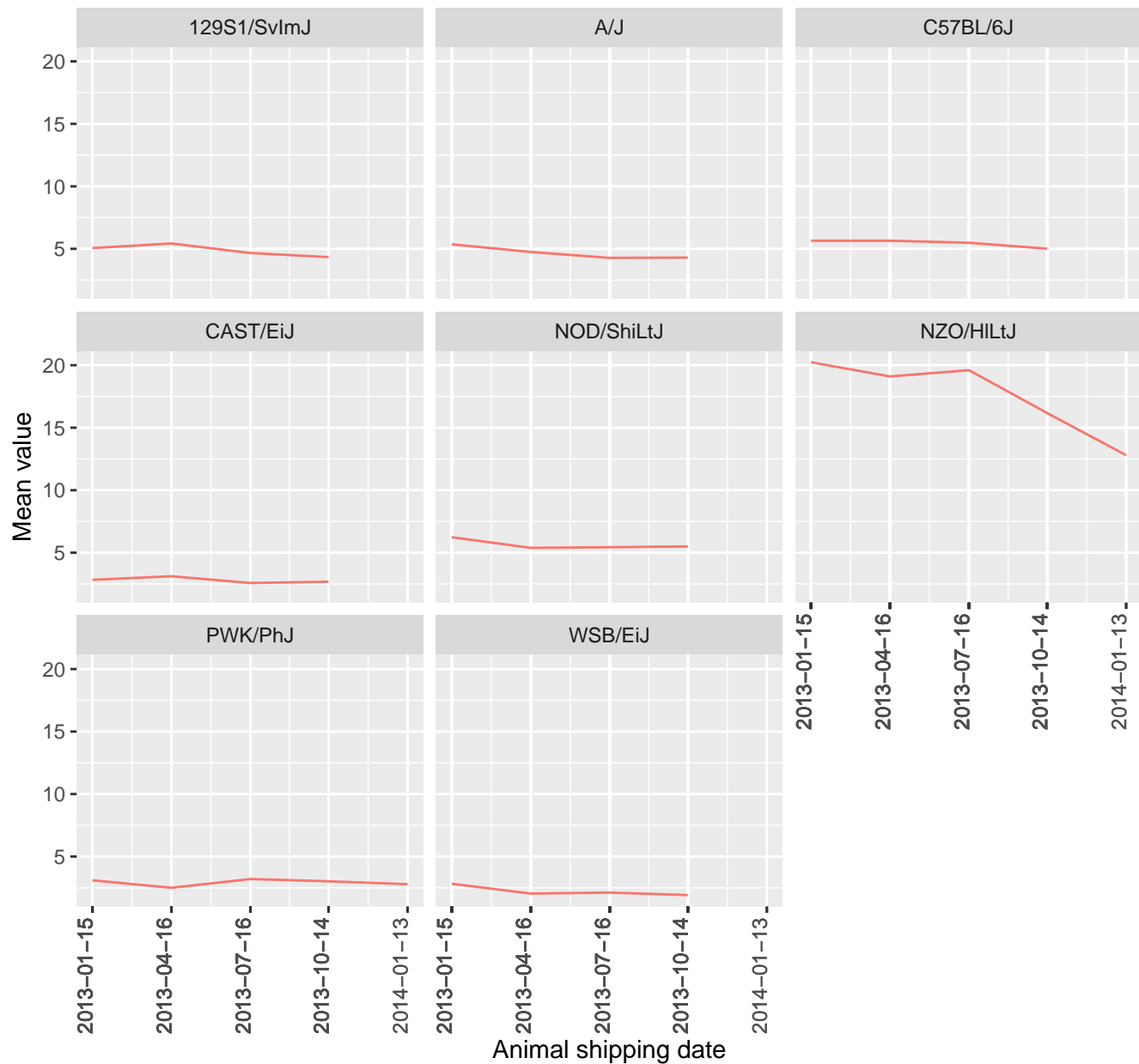
Procedure: GMC10
Parameter: bw_13wk



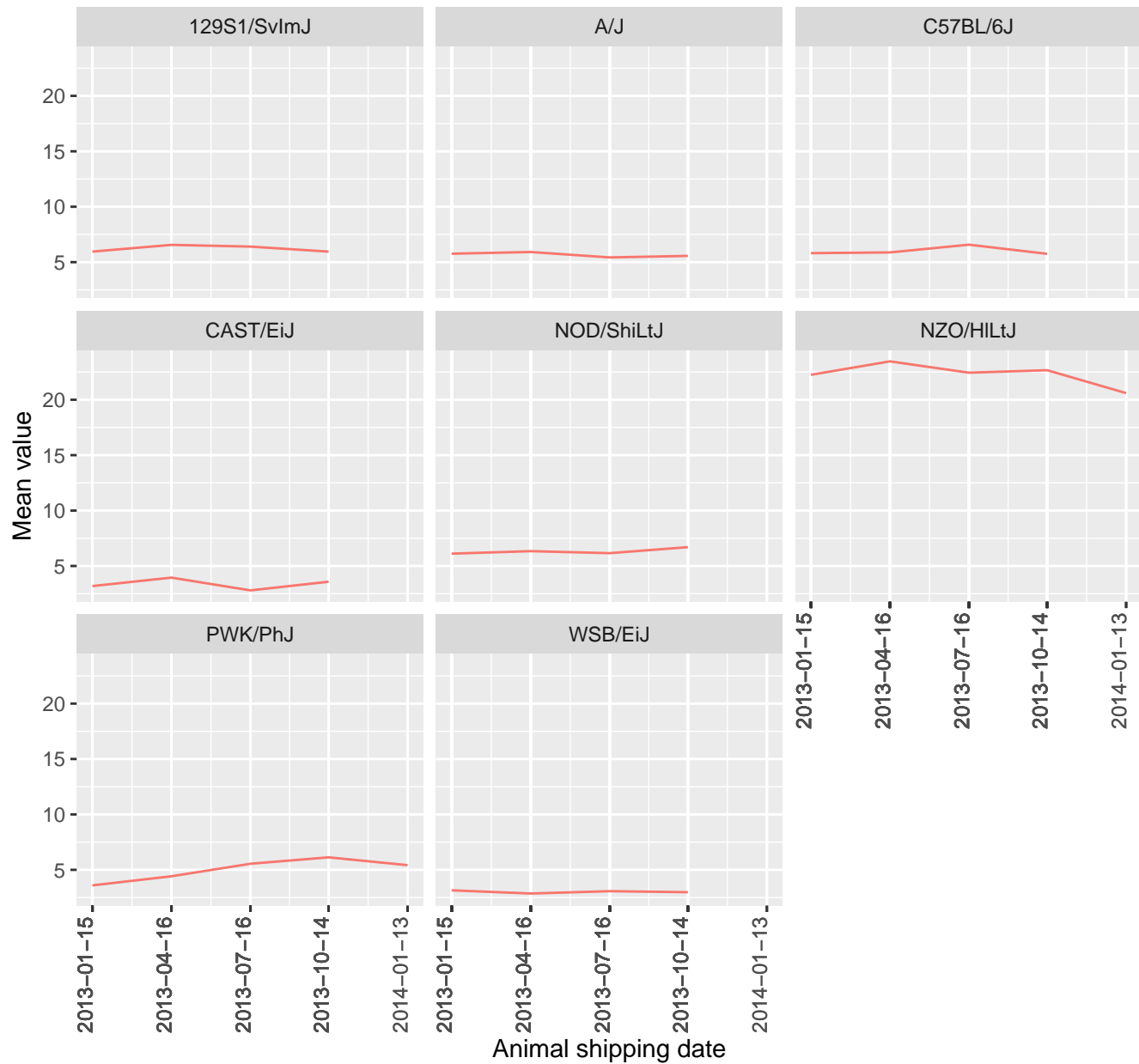
Procedure: GMC10
Parameter: bw_19wk



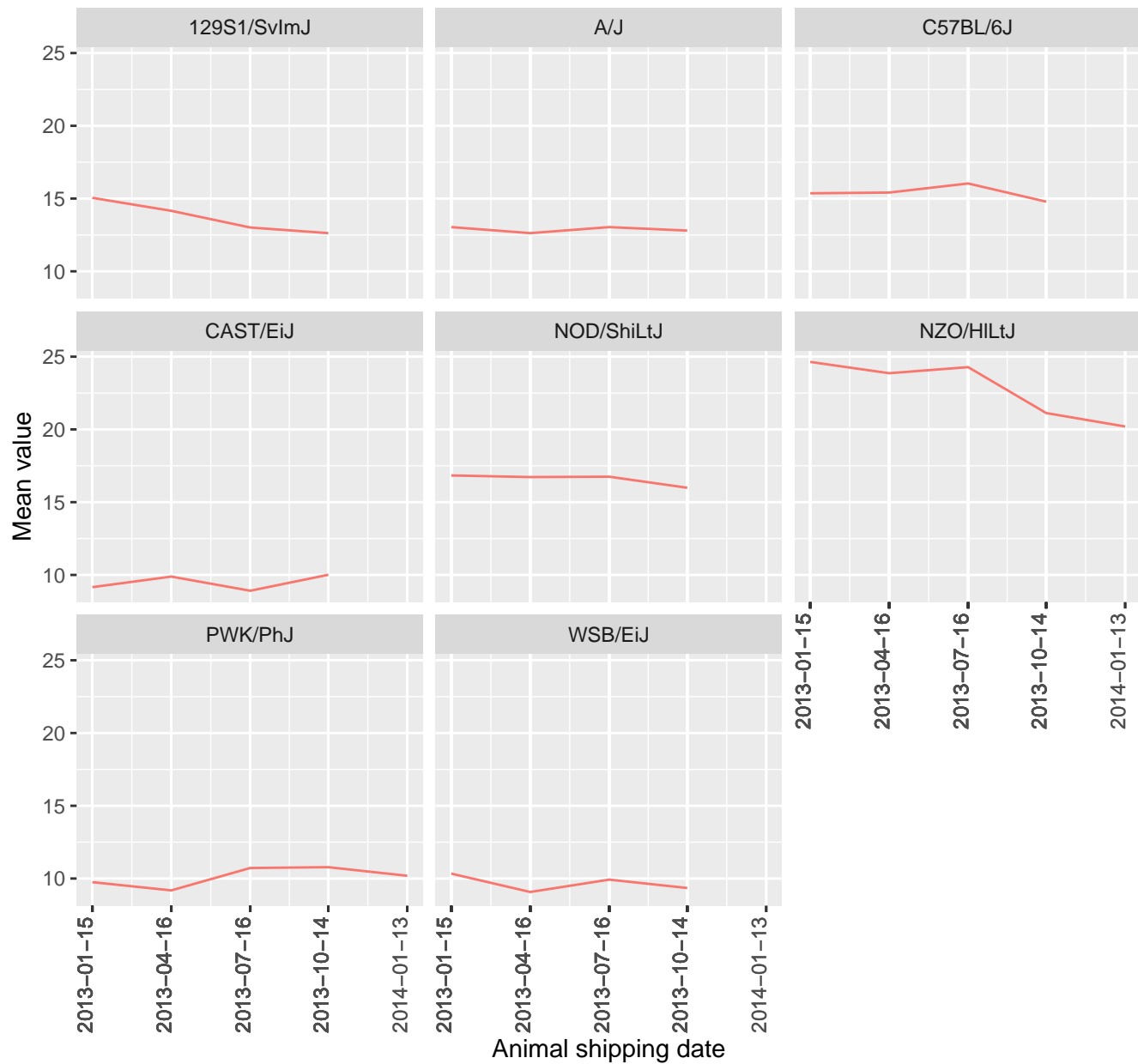
Procedure: GMC10
Parameter: fat_13wk



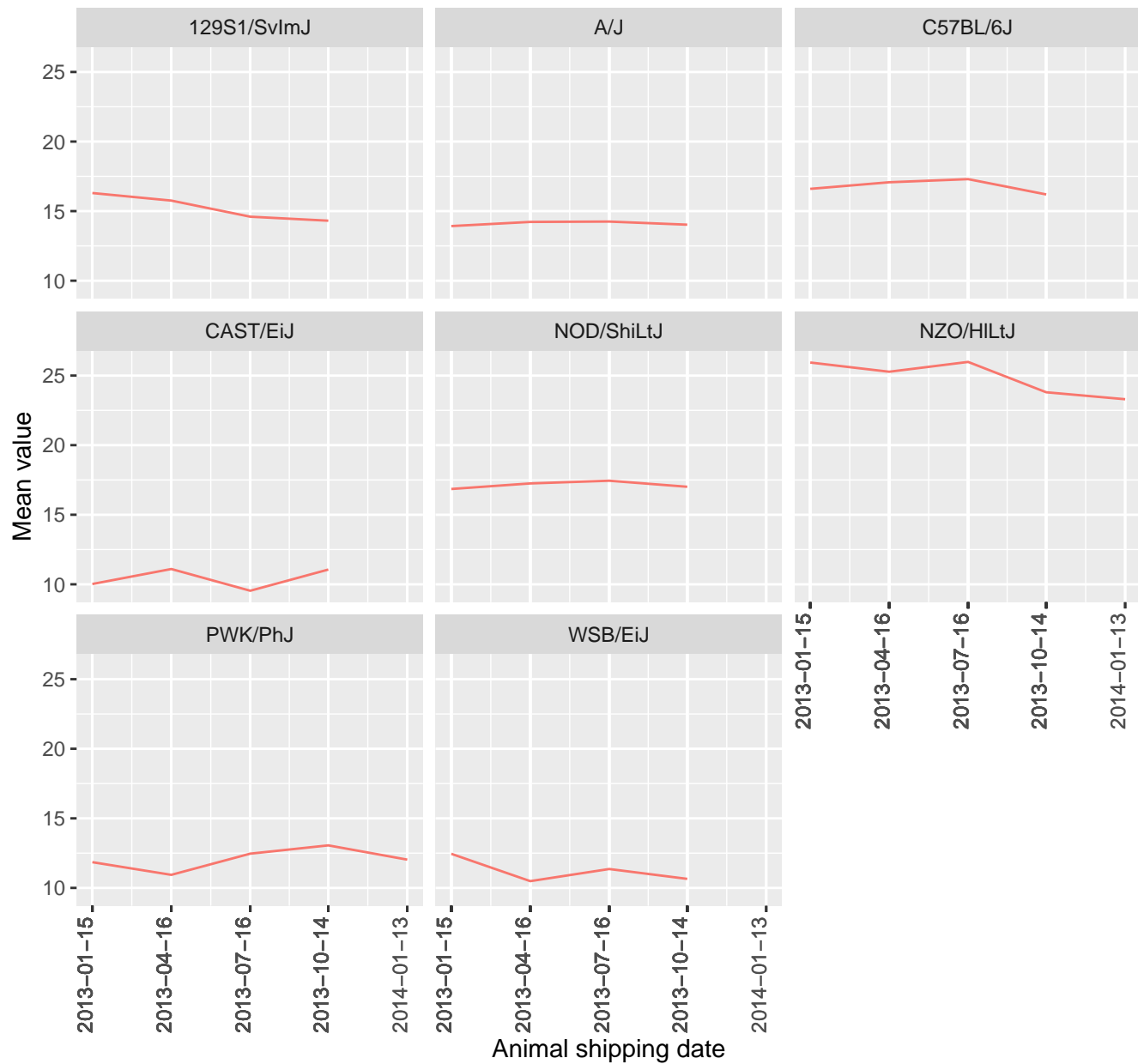
Procedure: GMC10
Parameter: fat_19wk



Procedure: GMC10
Parameter: lean_13wk

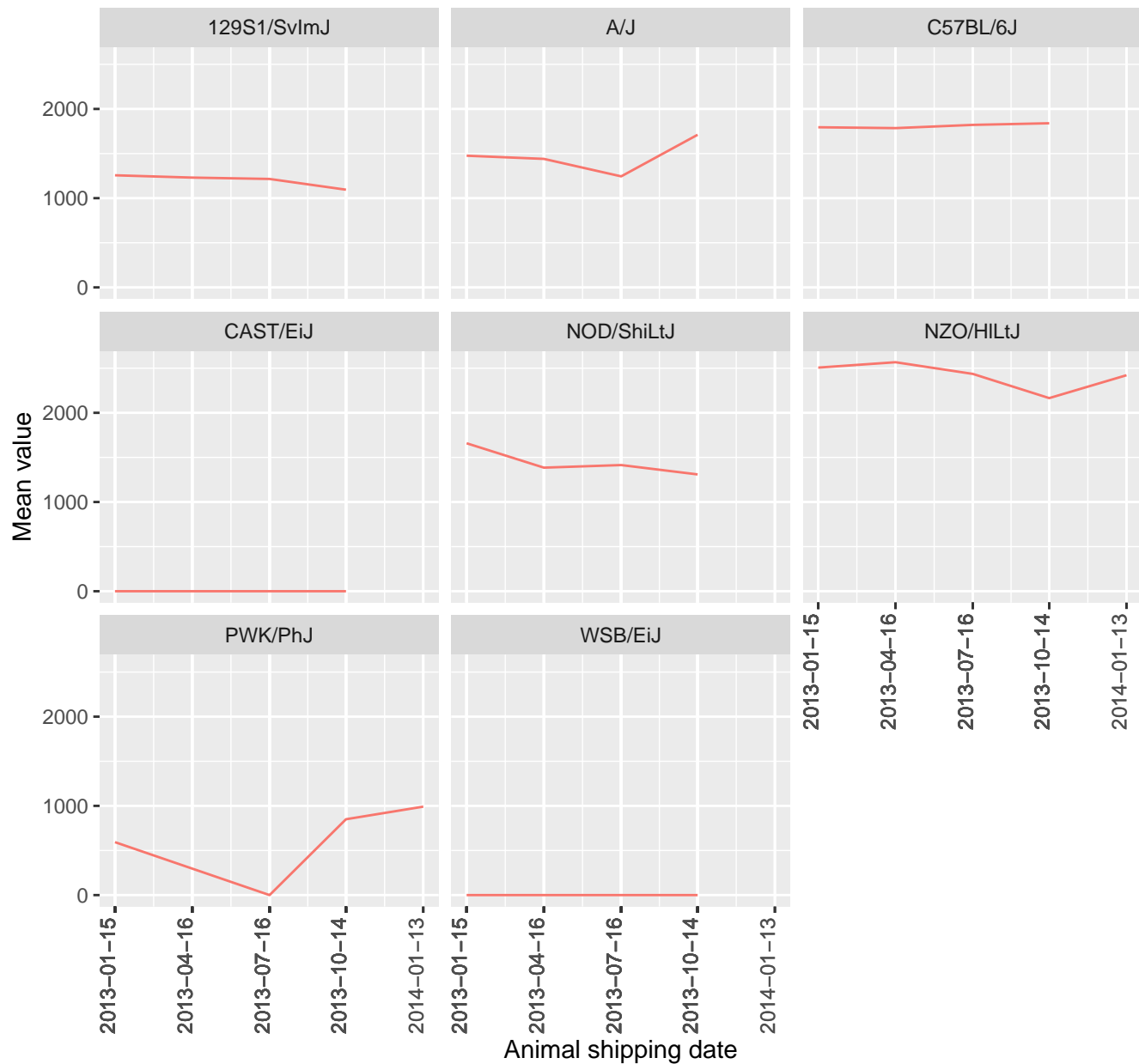


Procedure: GMC10
Parameter: lean_19wk

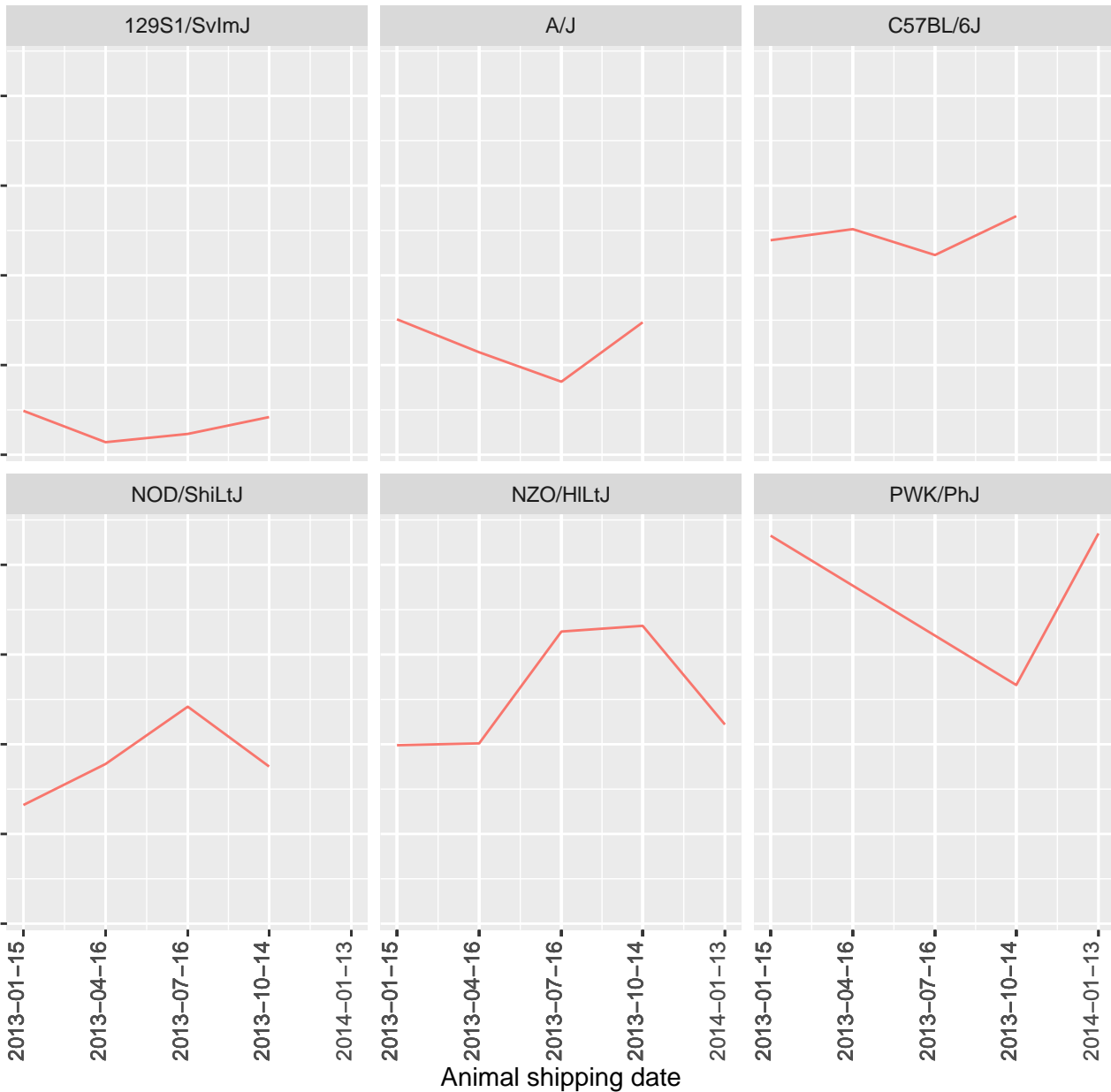


Procedure: GMC11

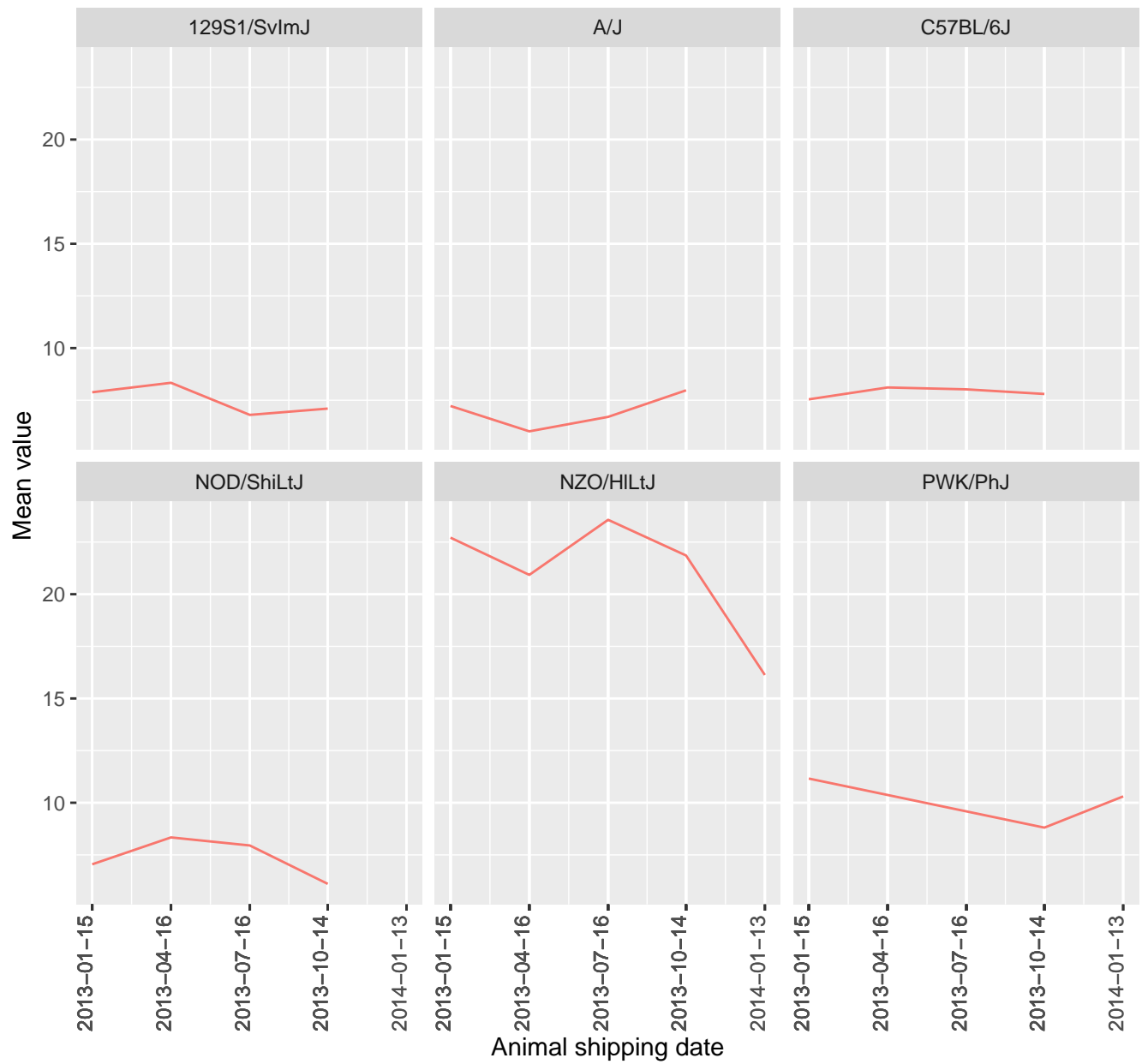
Parameter: AUC_by_HAMED



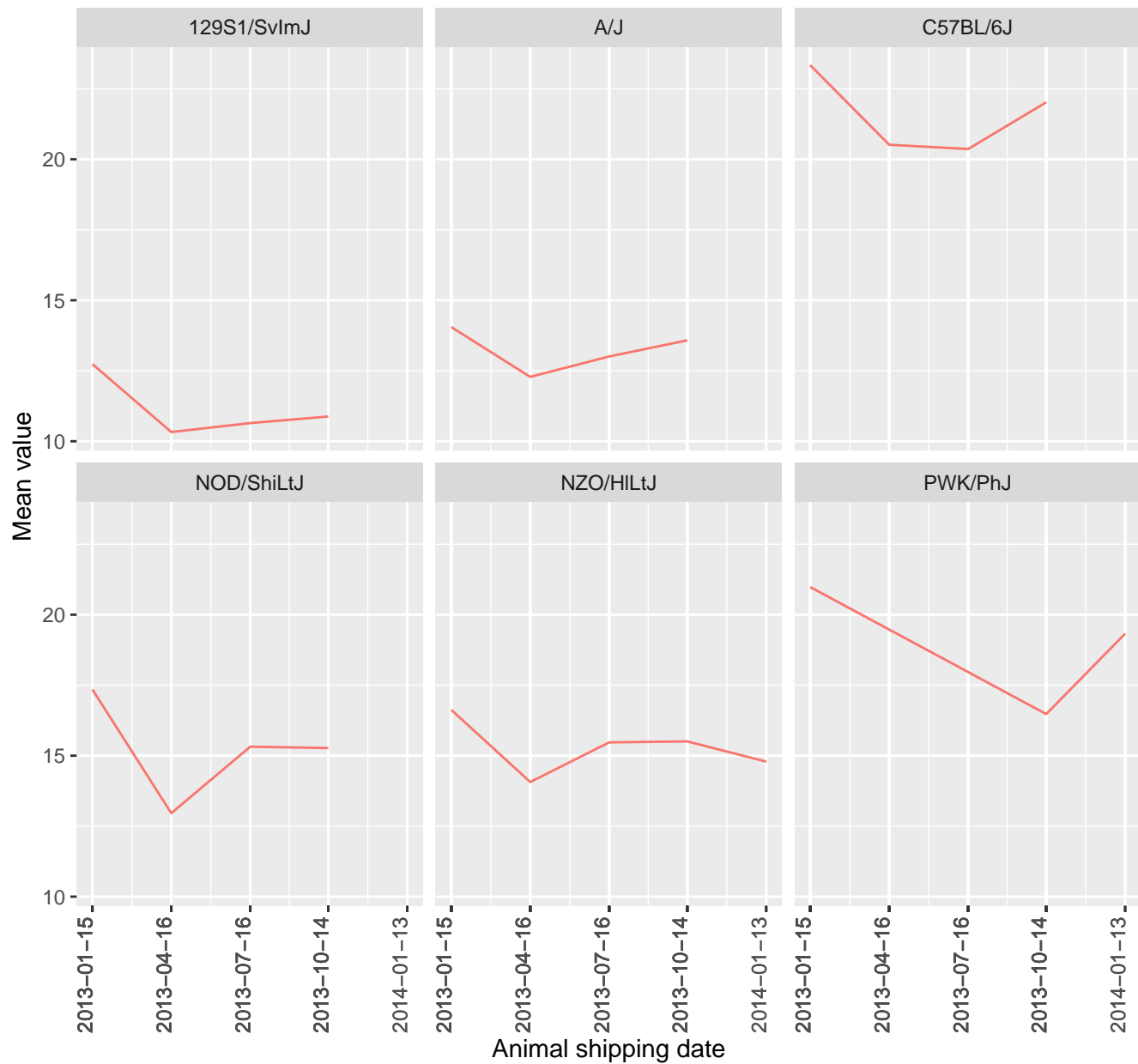
Procedure: GMC11
Parameter: GLU_0



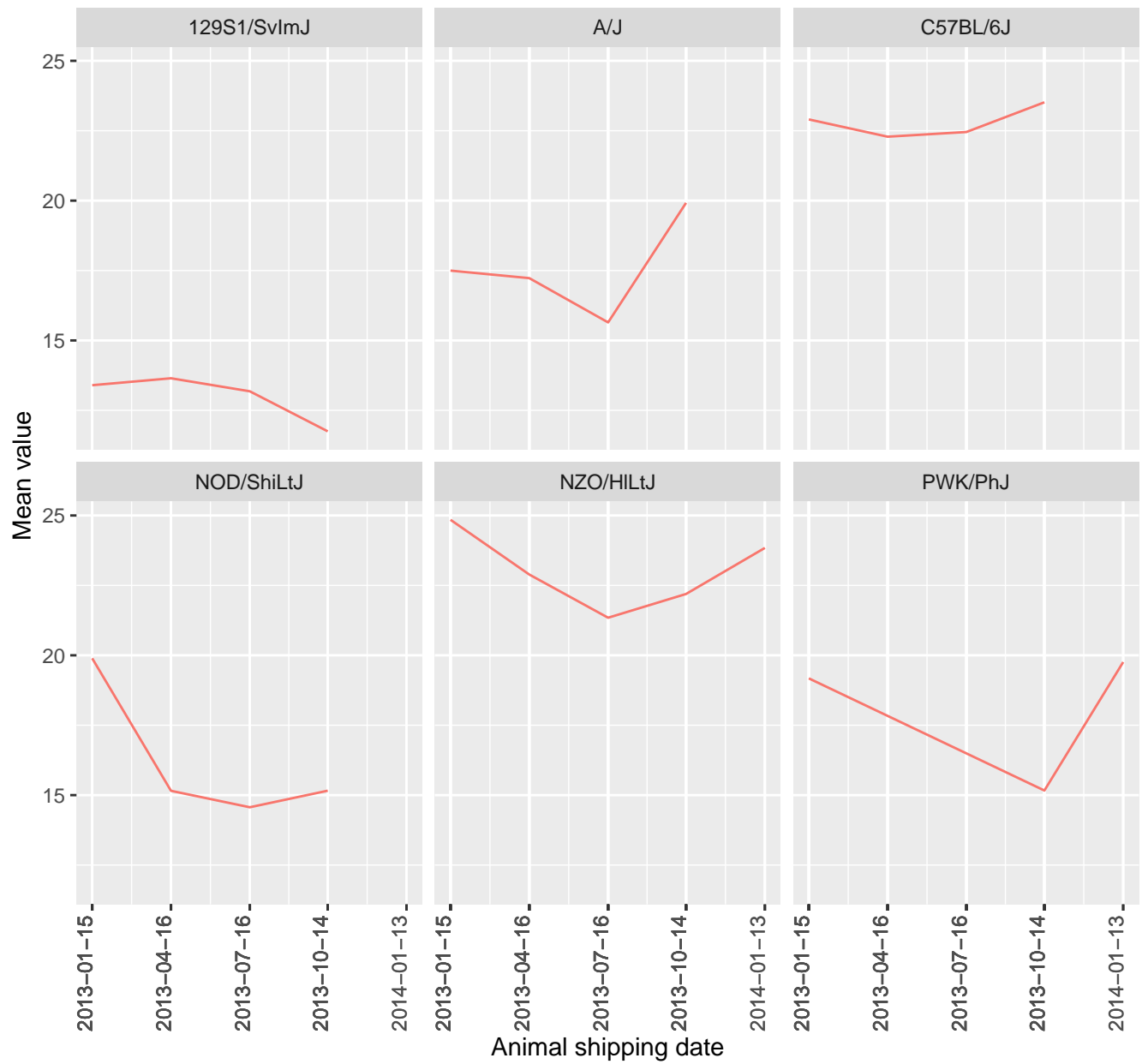
Procedure: GMC11
Parameter: GLU_120



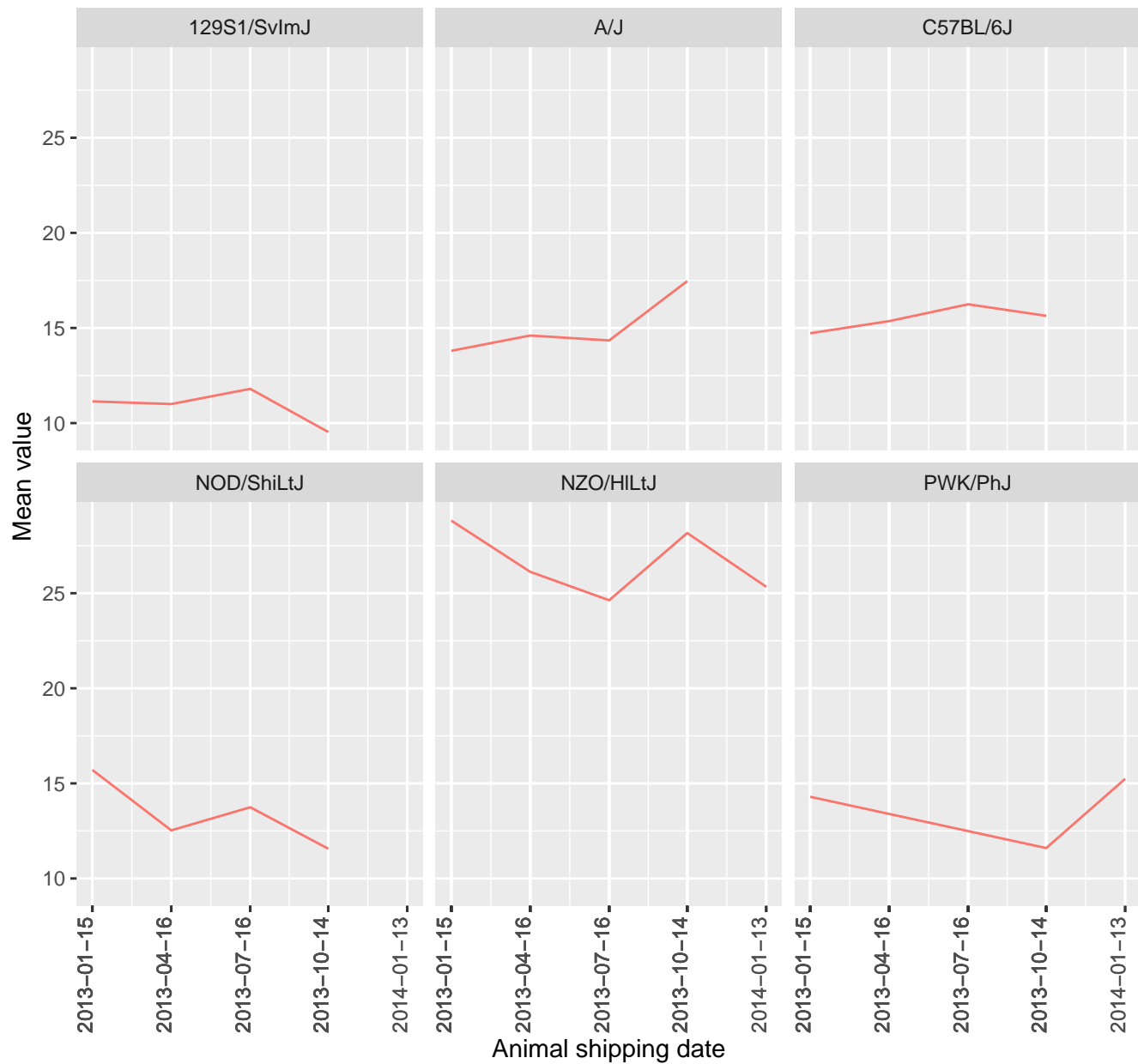
Procedure: GMC11
Parameter: GLU_15



Procedure: GMC11
Parameter: GLU_30

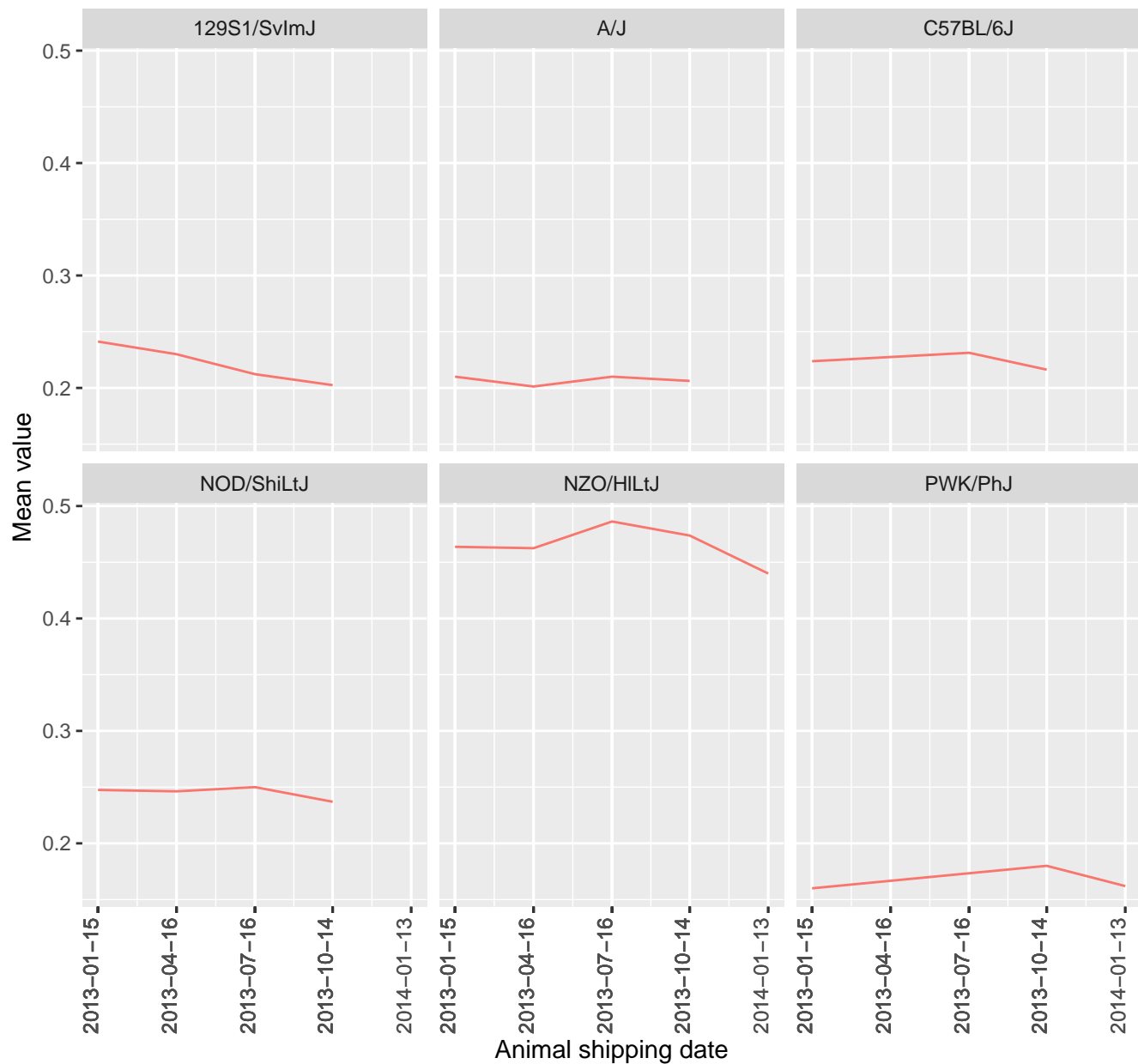


Procedure: GMC11
Parameter: GLU_60

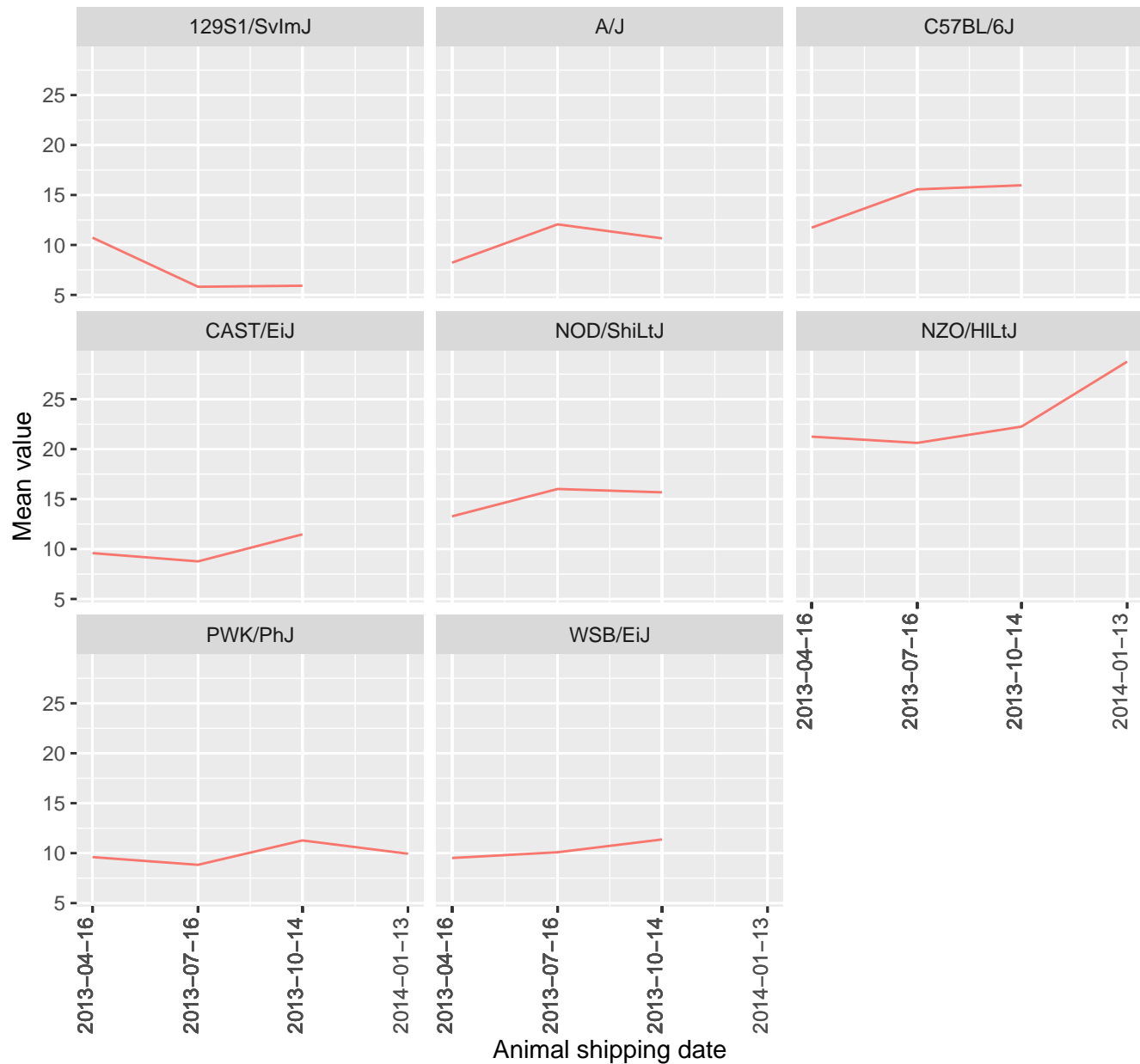


Procedure: GMC11

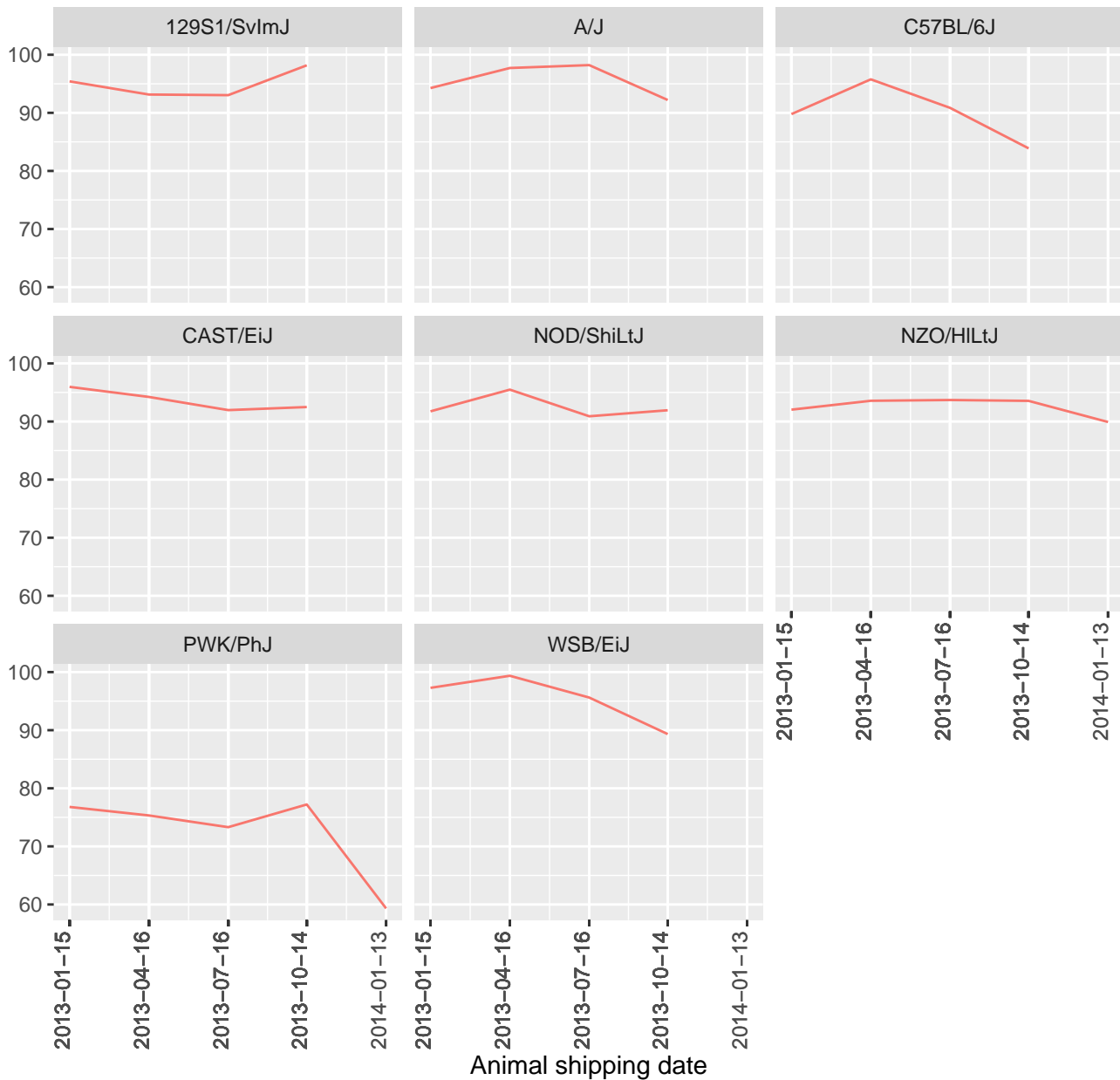
Parameter: GLU_vol_inj



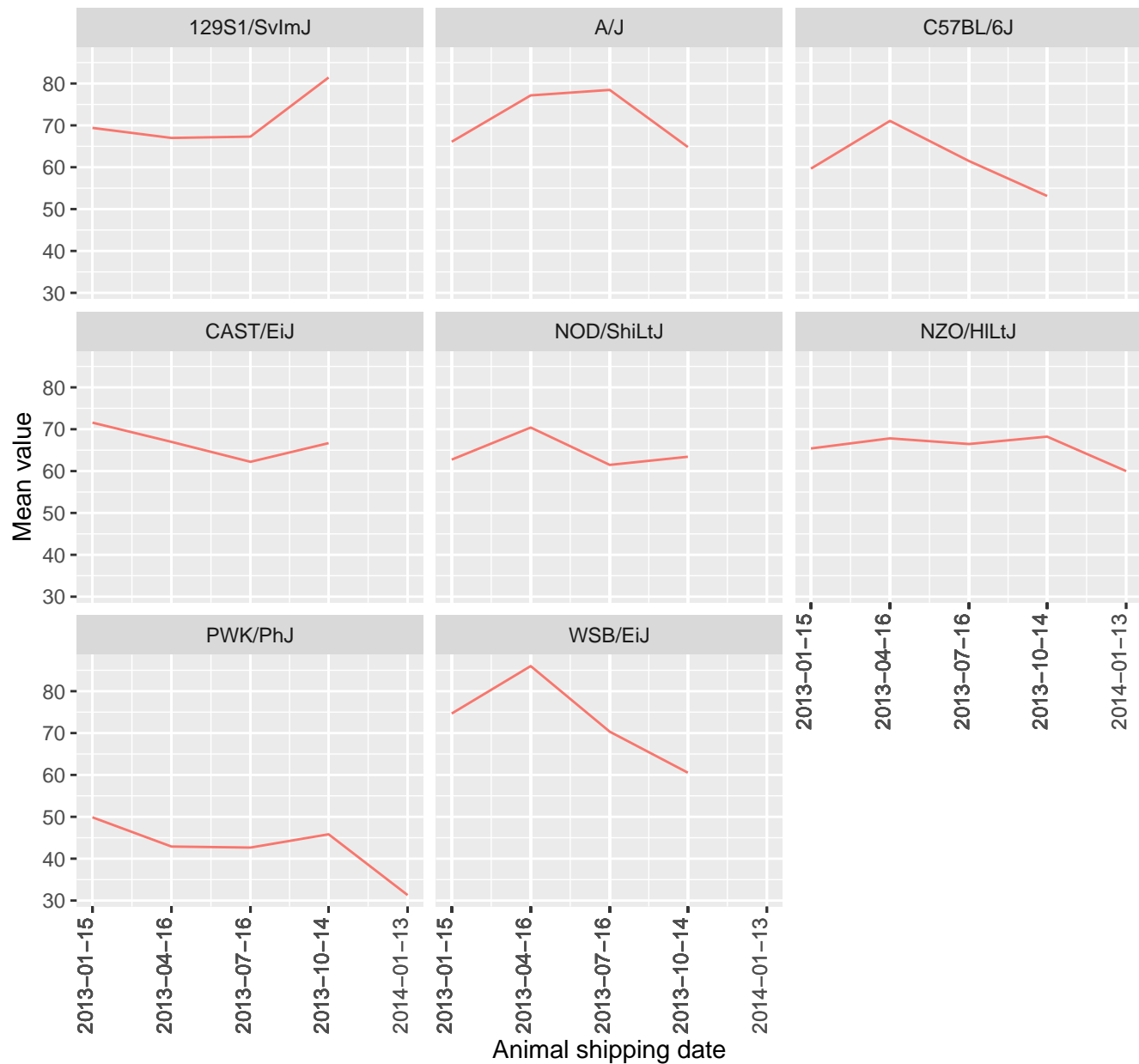
Procedure: GMC12
Parameter: cardiac_output



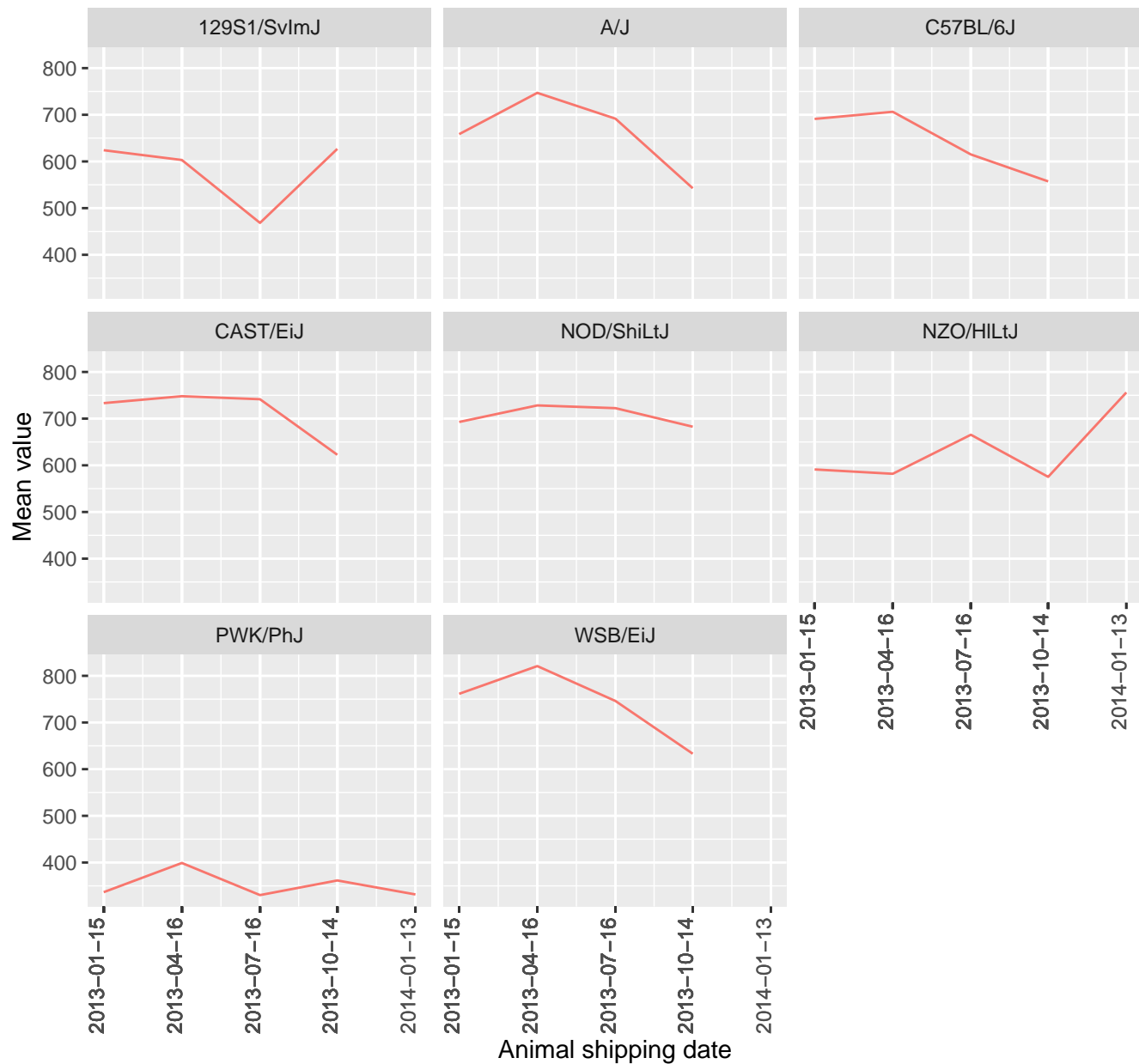
Procedure: GMC12
Parameter: EJ_fraction



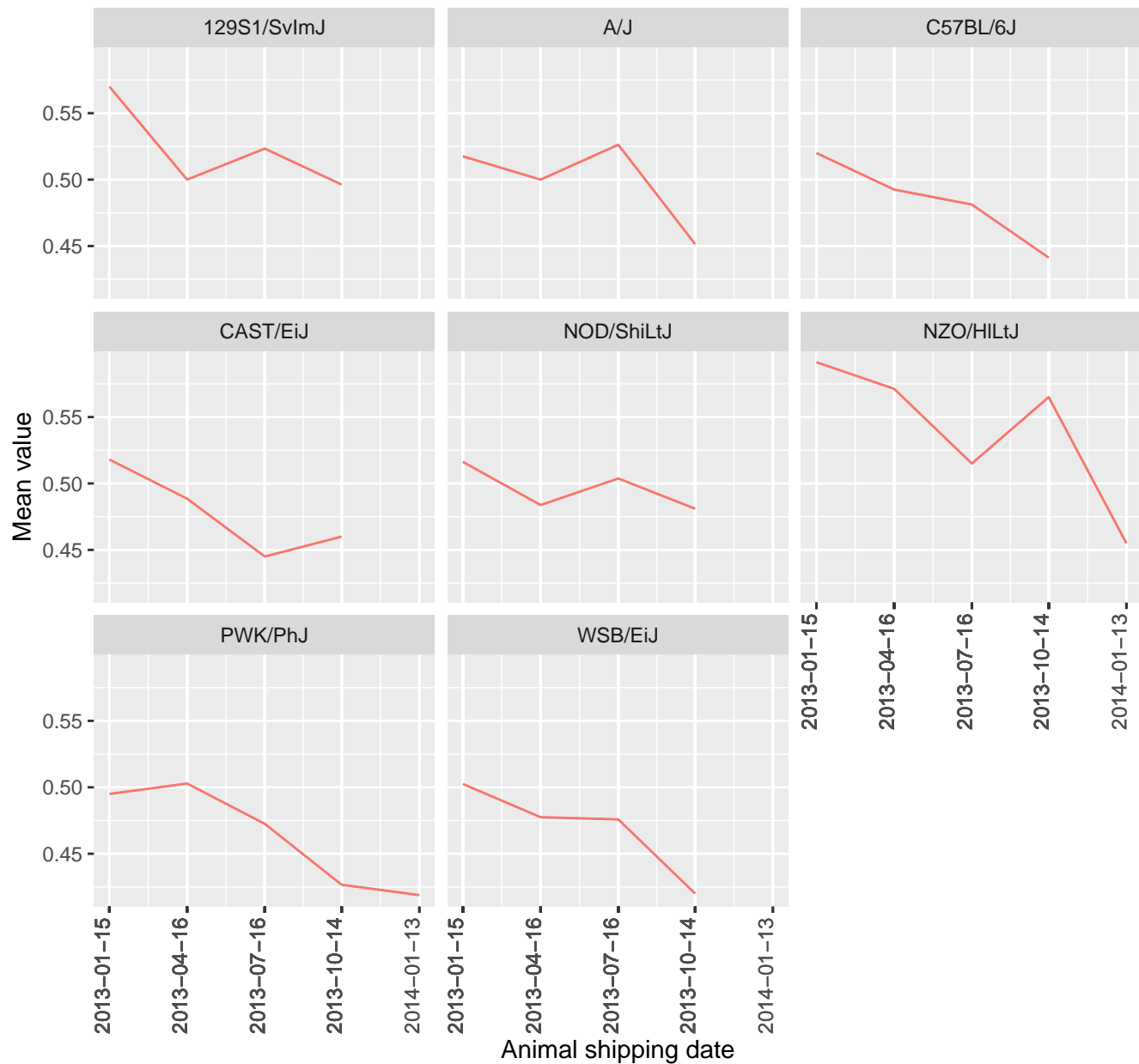
Procedure: GMC12
Parameter: fract_shortening



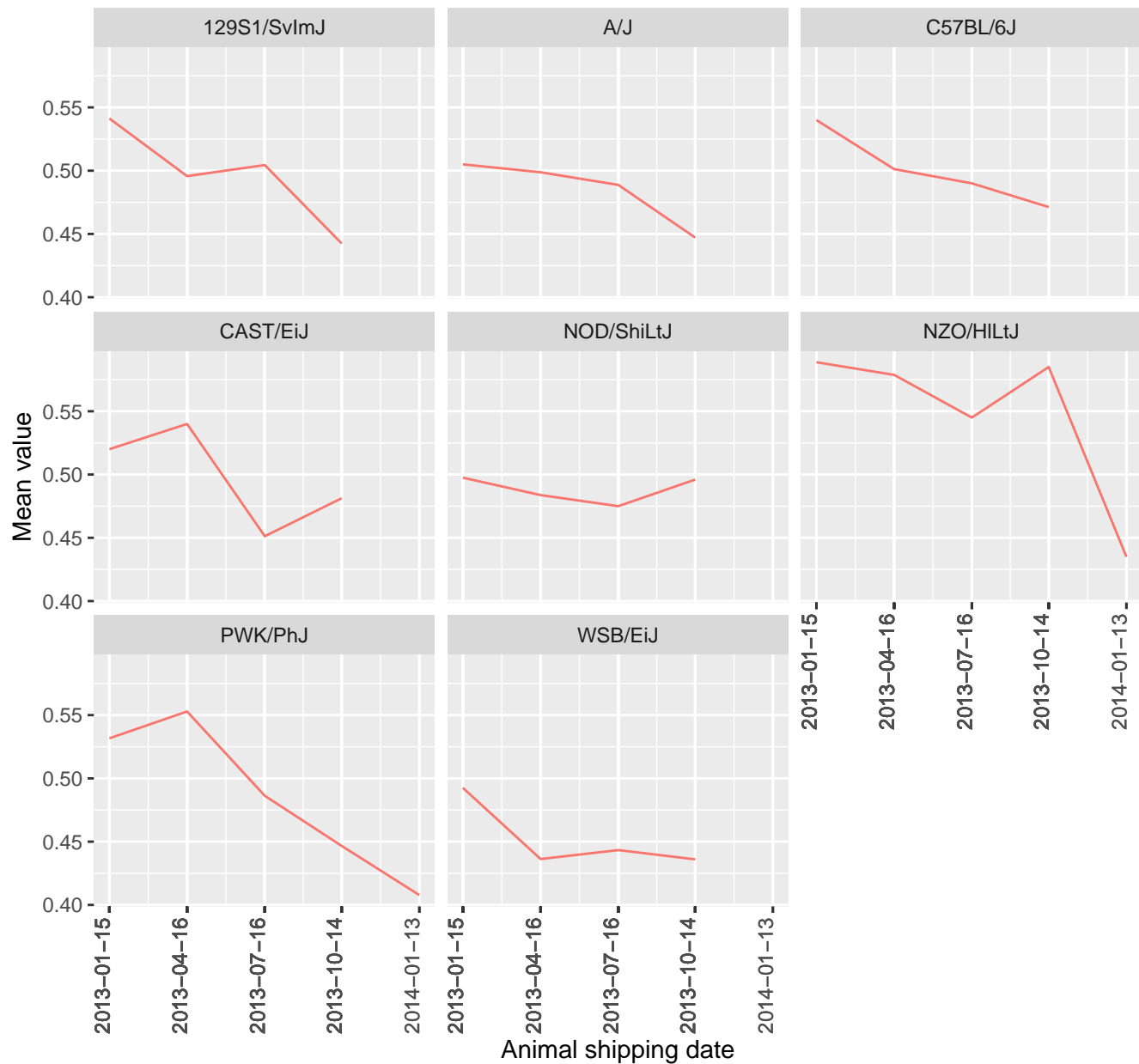
Procedure: GMC12
Parameter: heart_rate



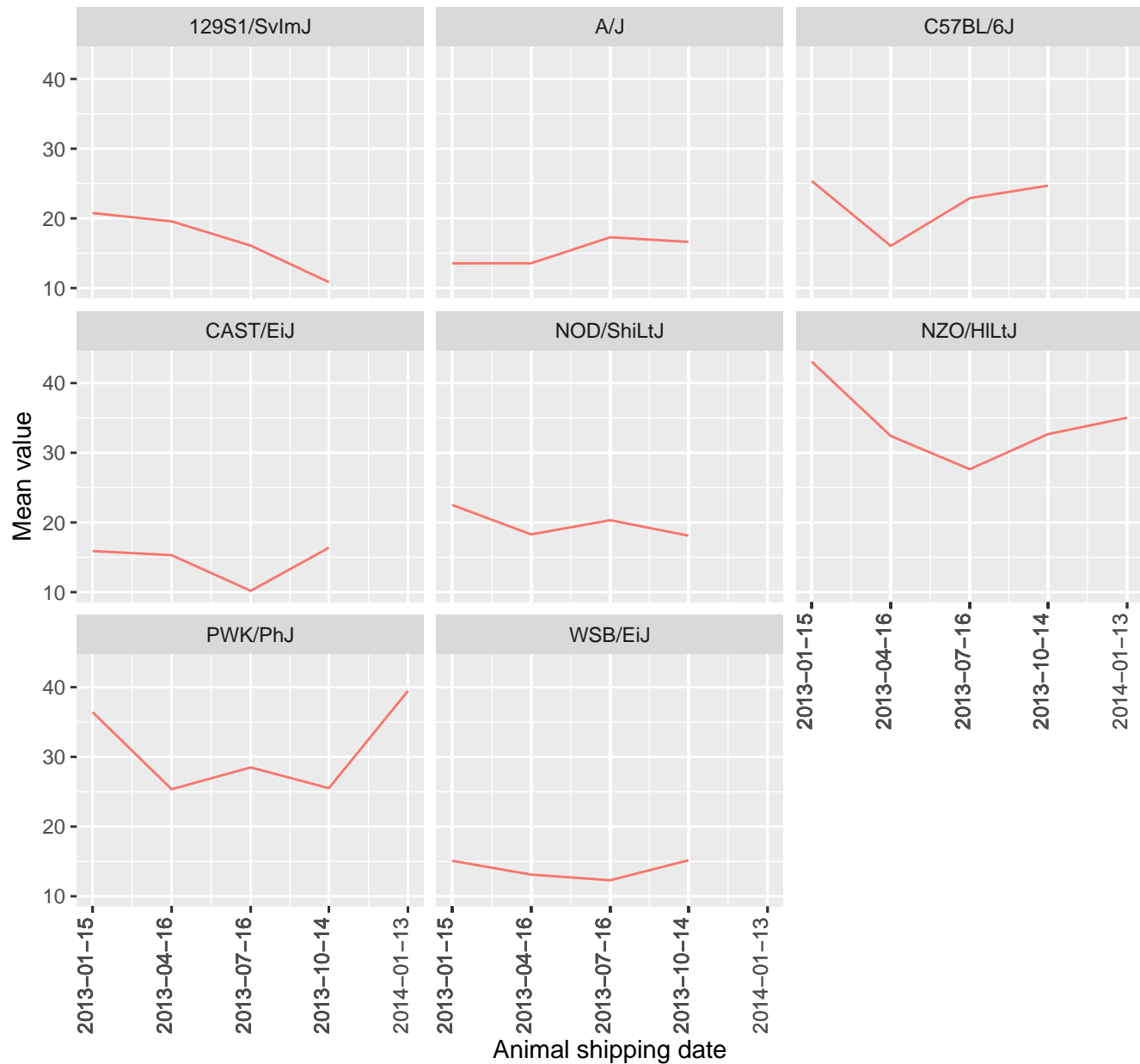
Procedure: GMC12
Parameter: IVS_diastole



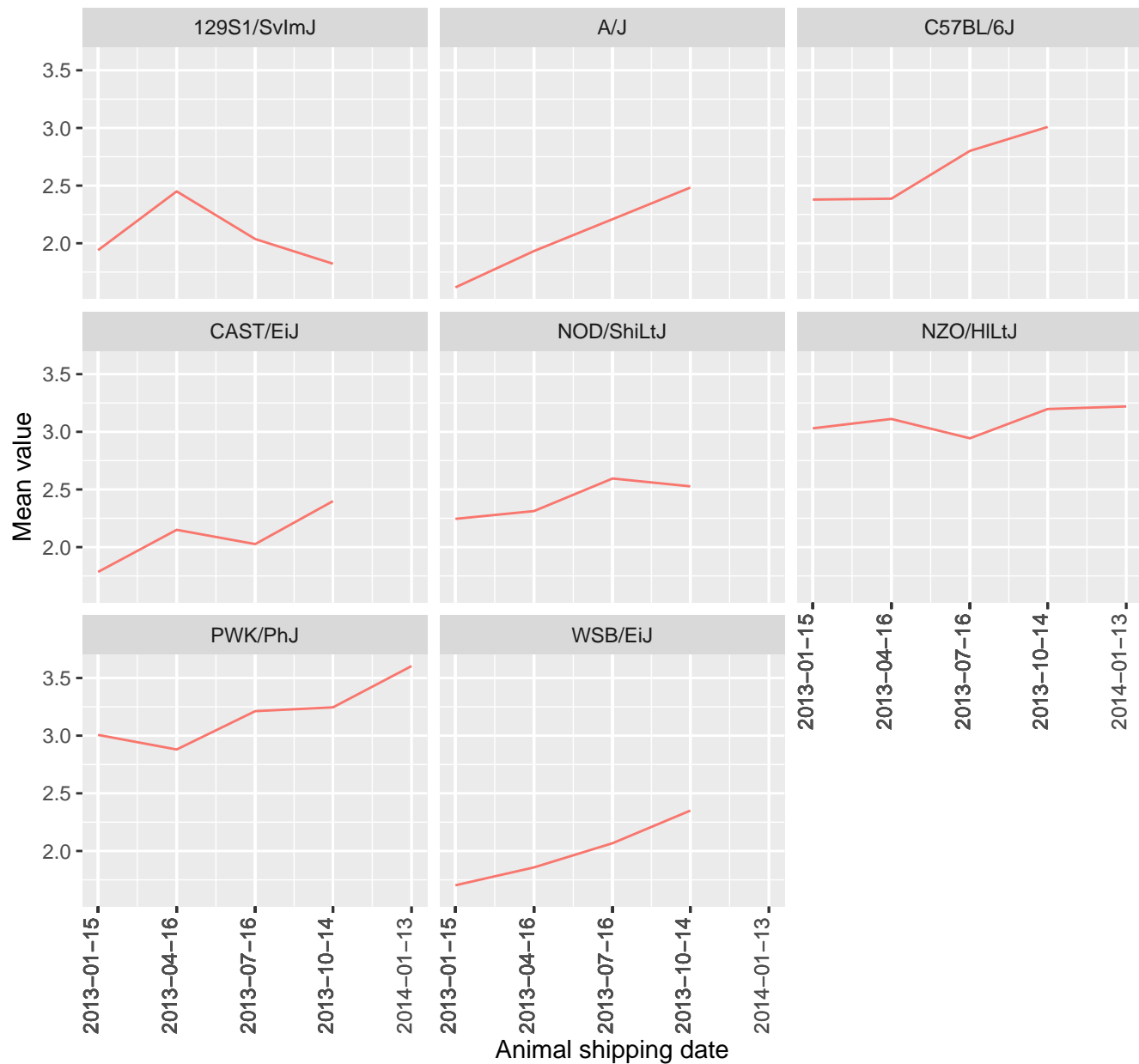
Procedure: GMC12
Parameter: IVS_systole



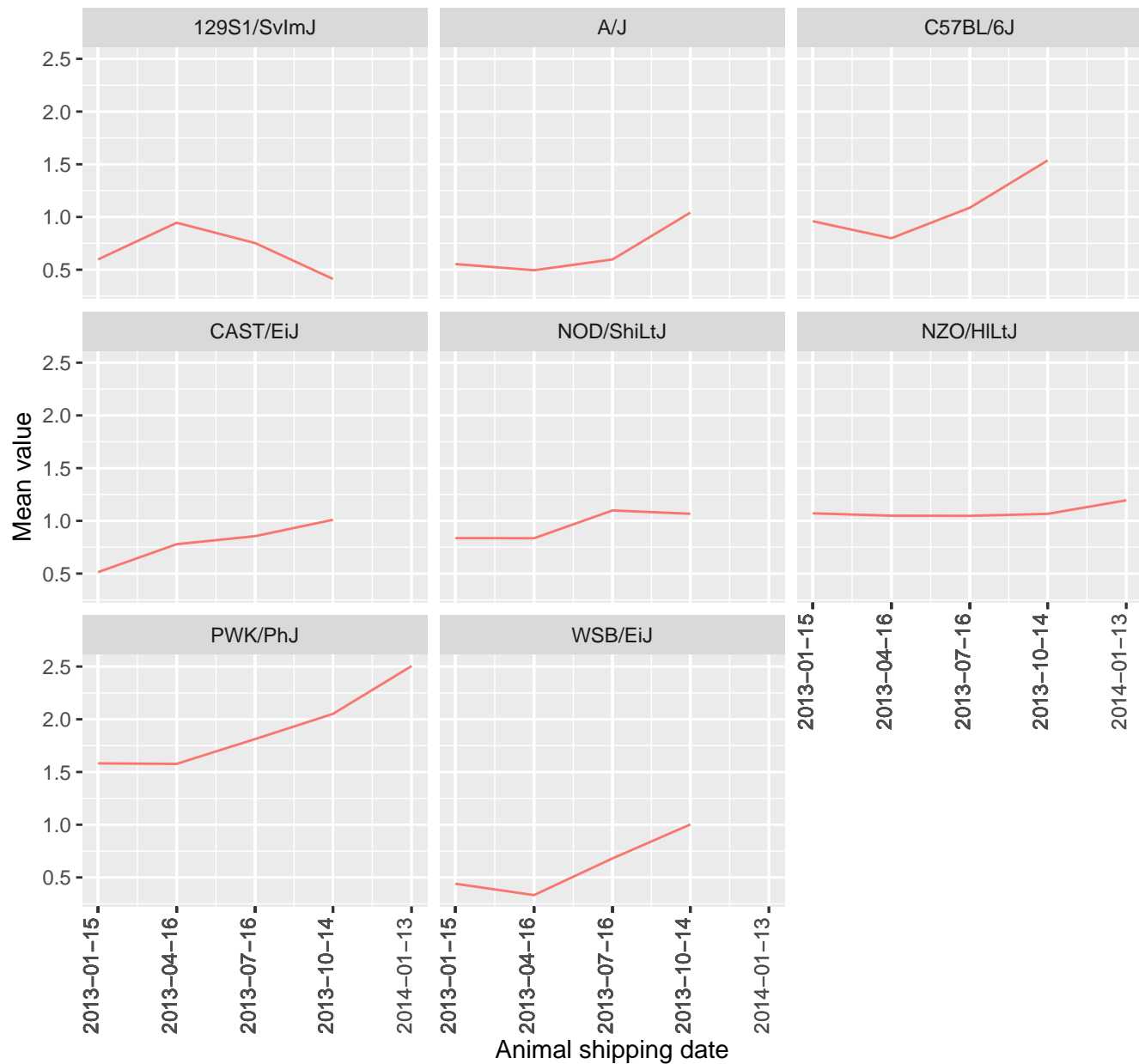
Procedure: GMC12
Parameter: LV_mass



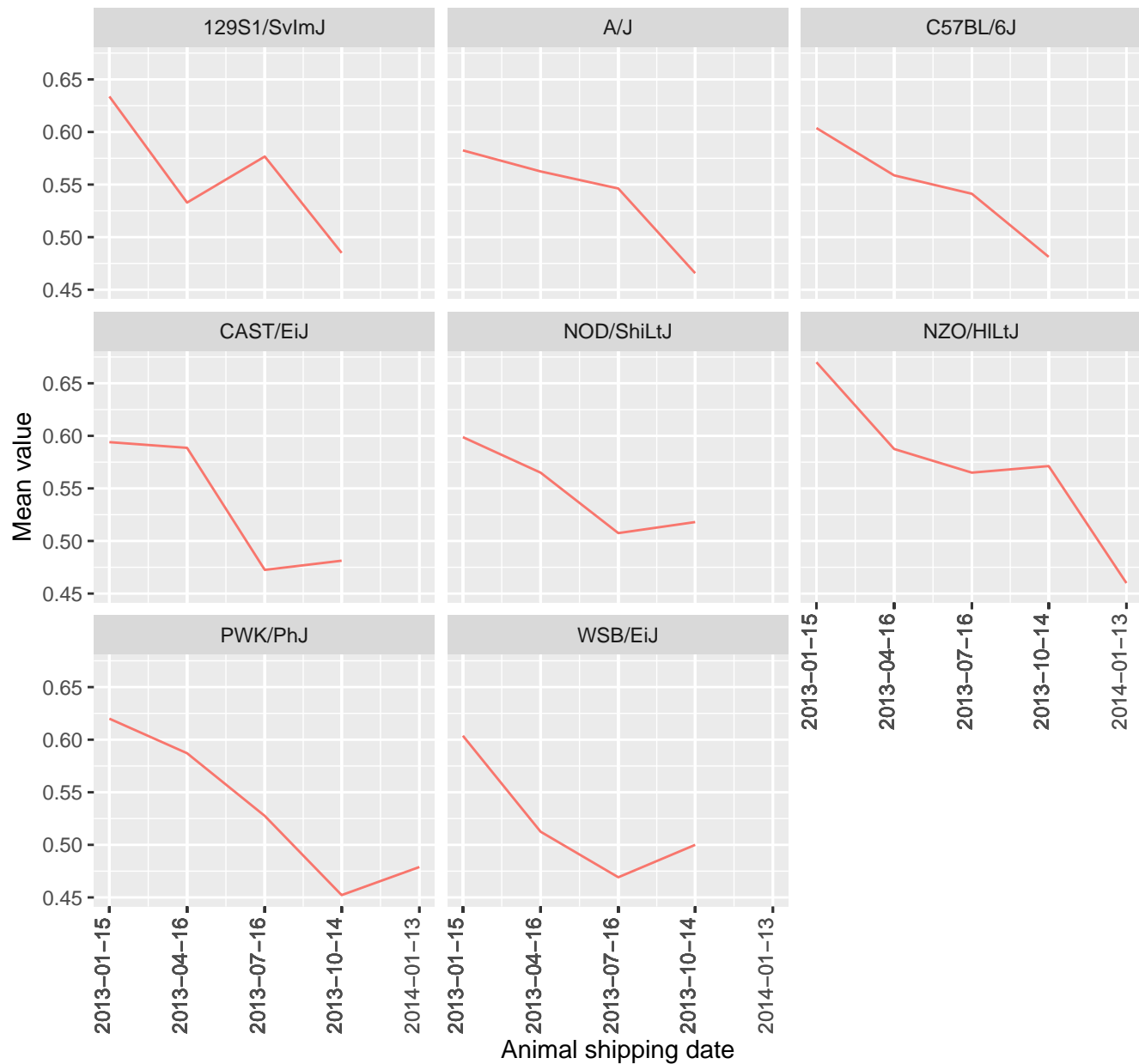
Procedure: GMC12
Parameter: LVID_diastole



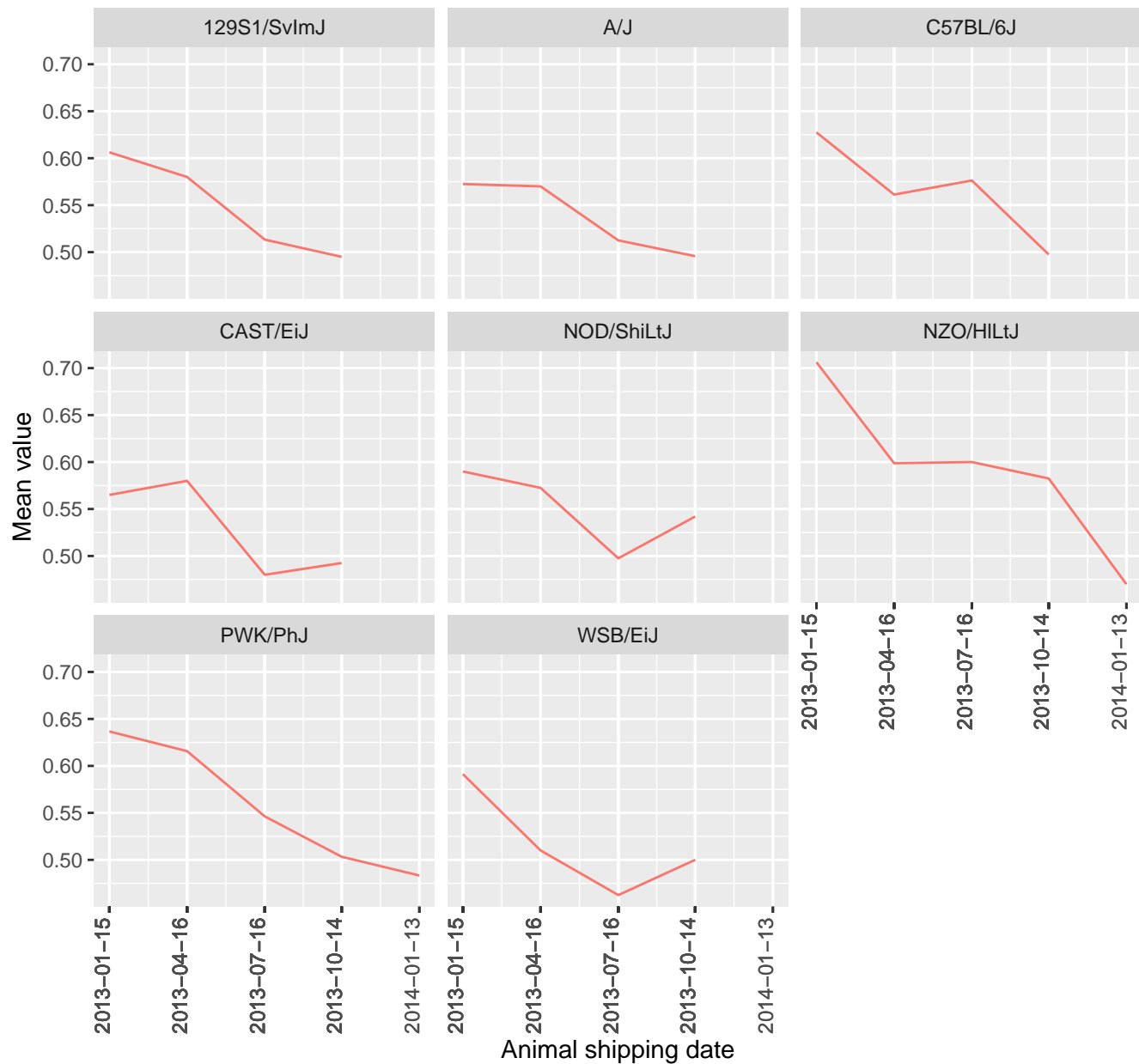
Procedure: GMC12
Parameter: LVID_systole



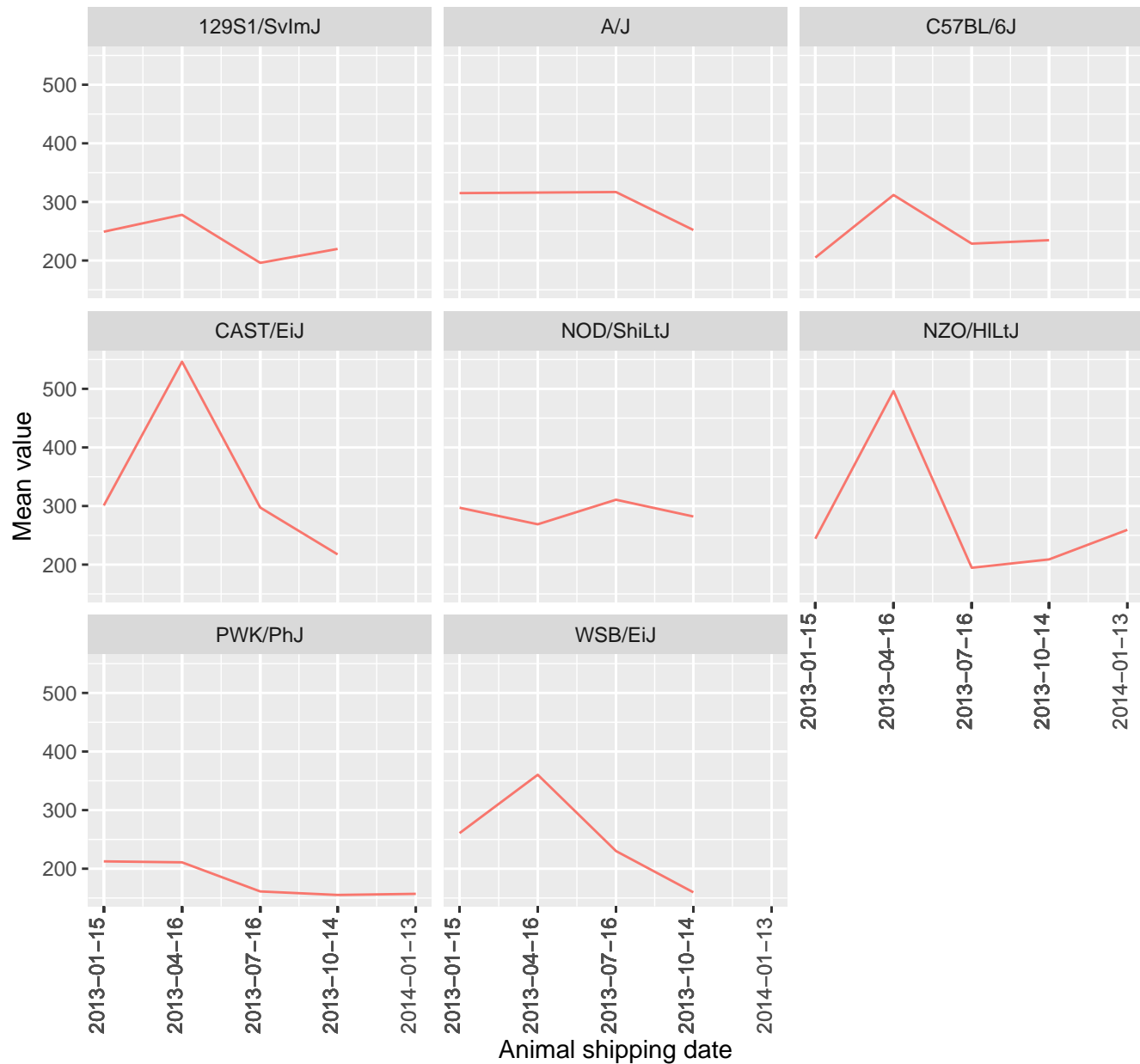
Procedure: GMC12
Parameter: LVPW_diastole



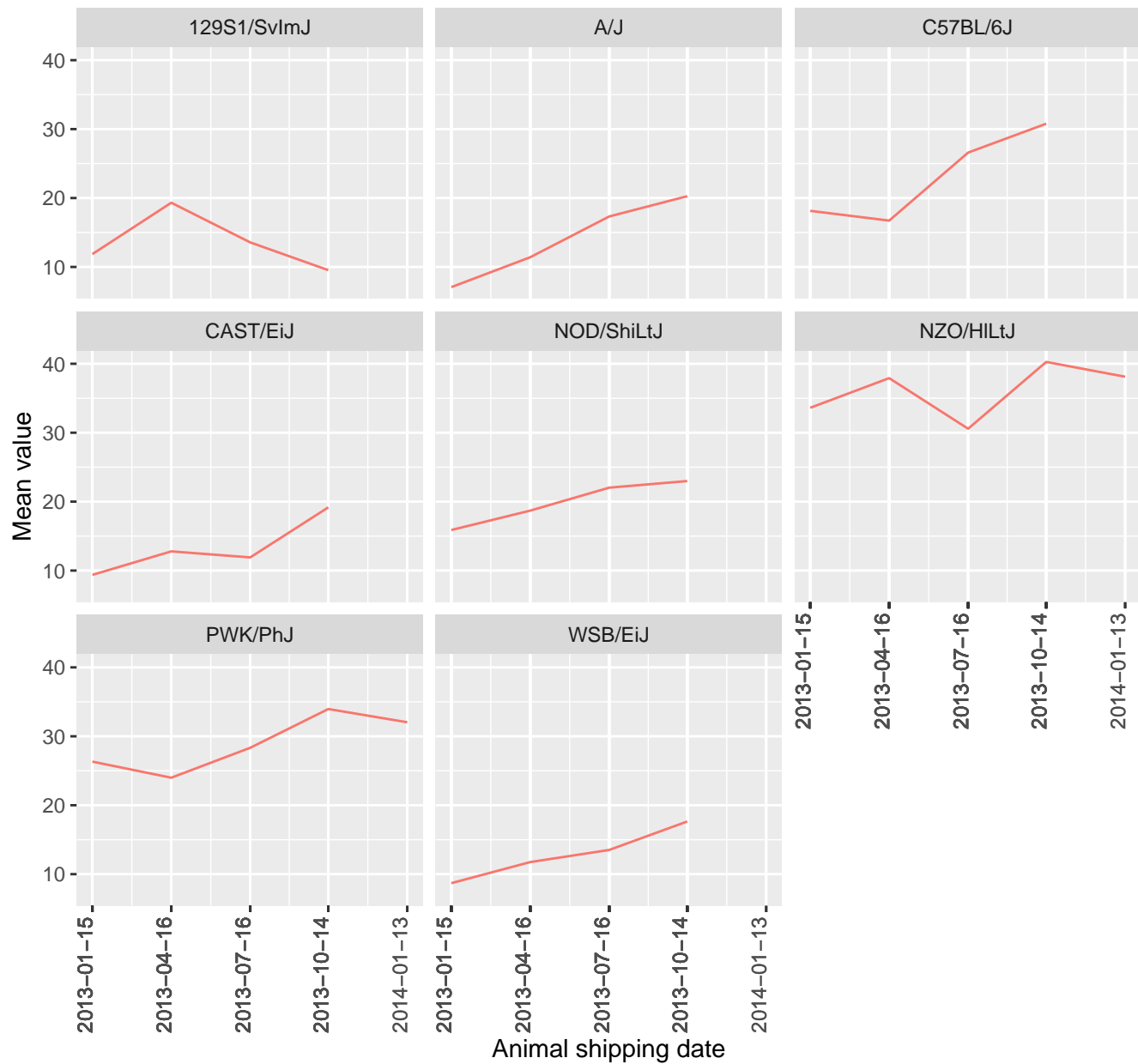
Procedure: GMC12
Parameter: LVPW_systole



Procedure: GMC12
Parameter: resp_rate

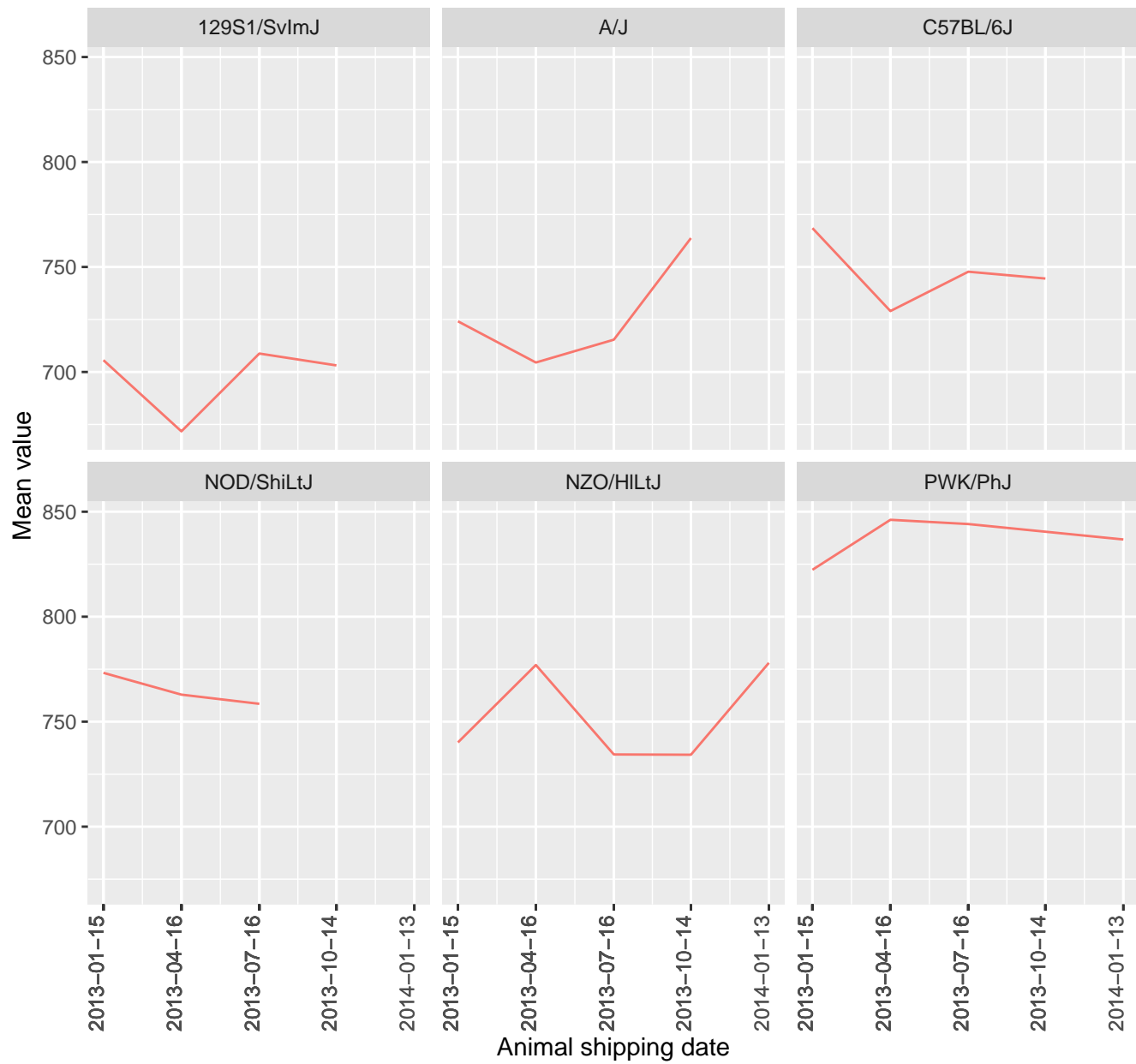


Procedure: GMC12
Parameter: stroke_vol

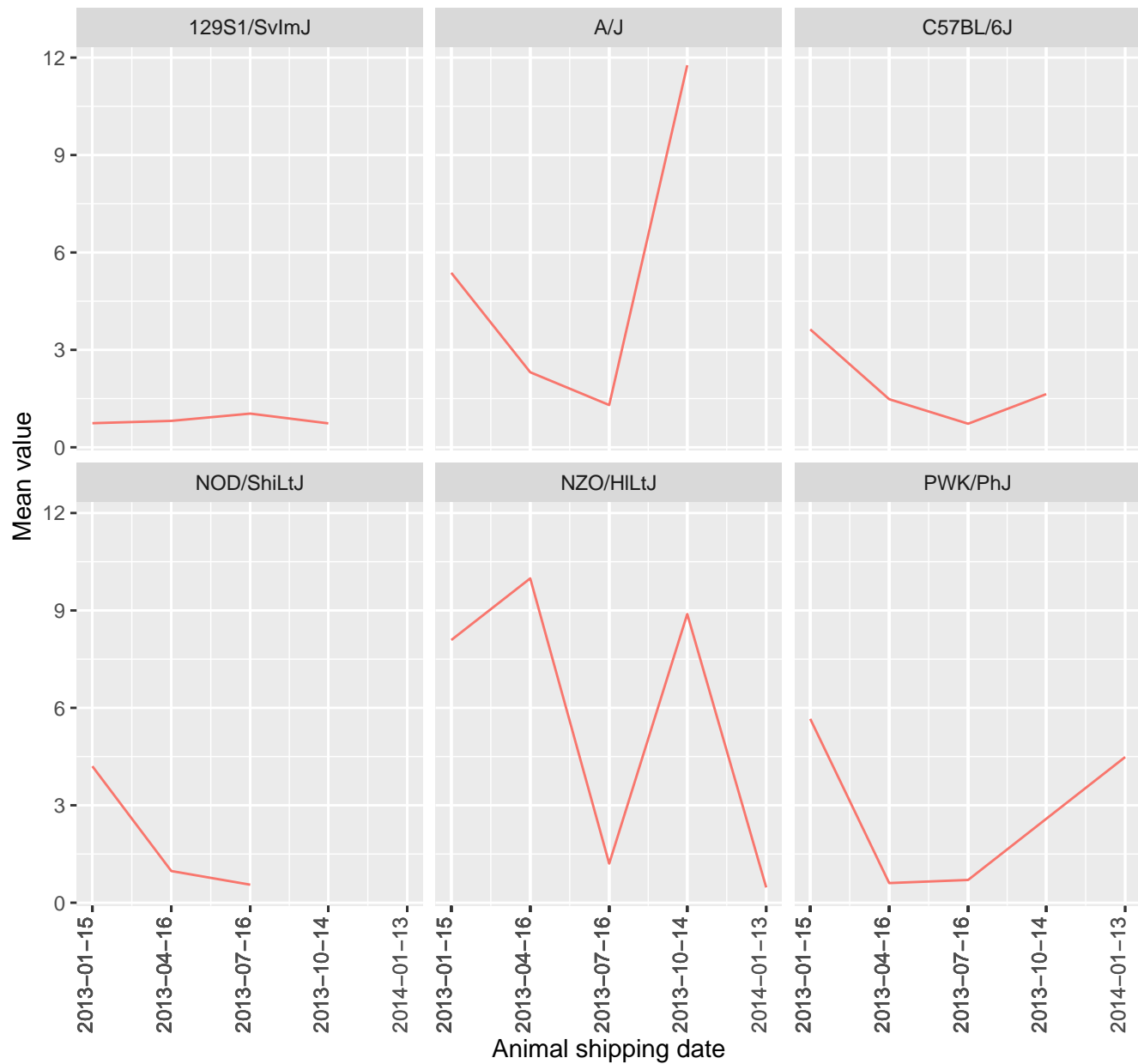


Procedure: GMC13

Parameter: HR

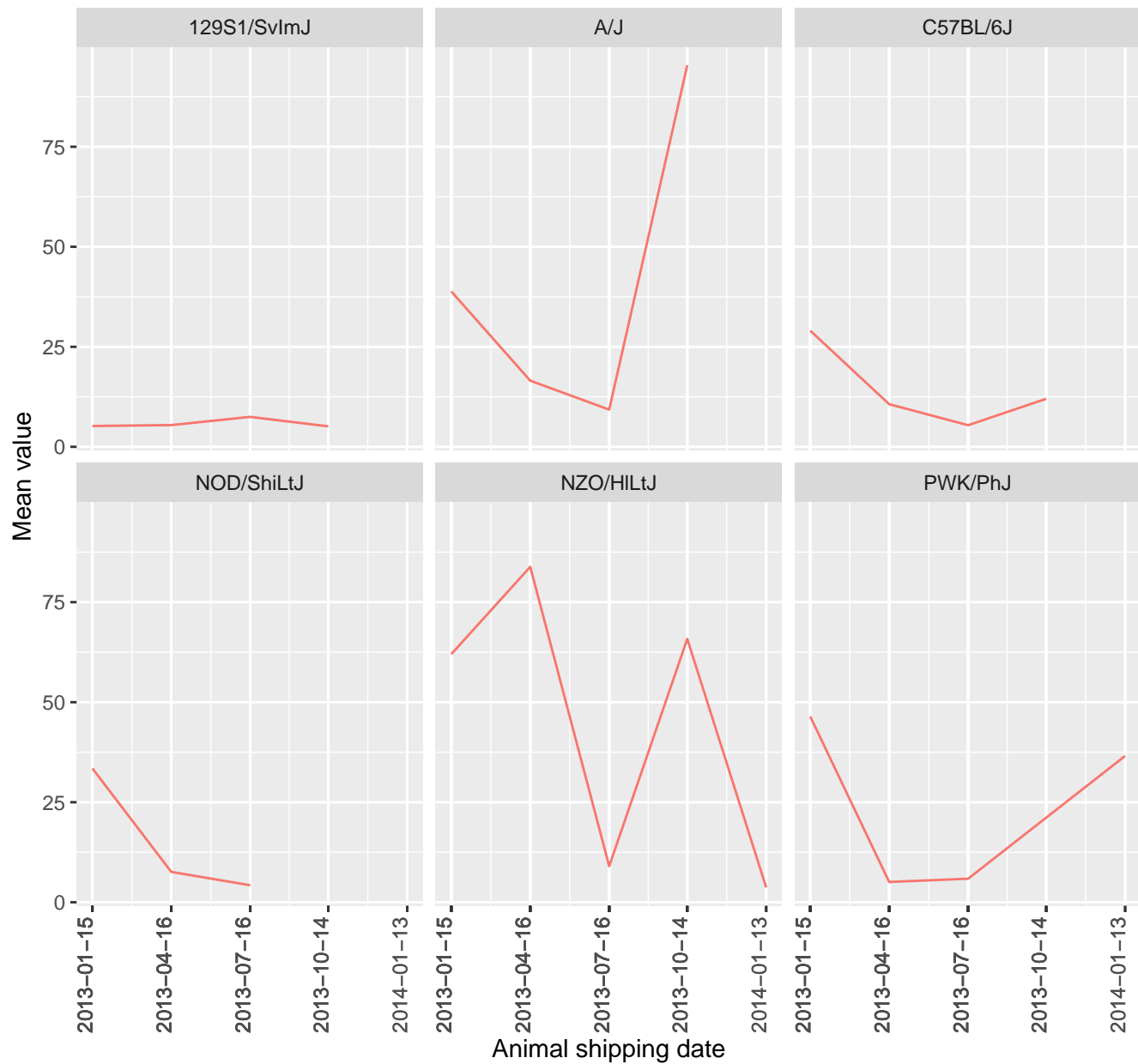


Procedure: GMC13
Parameter: HR_CV

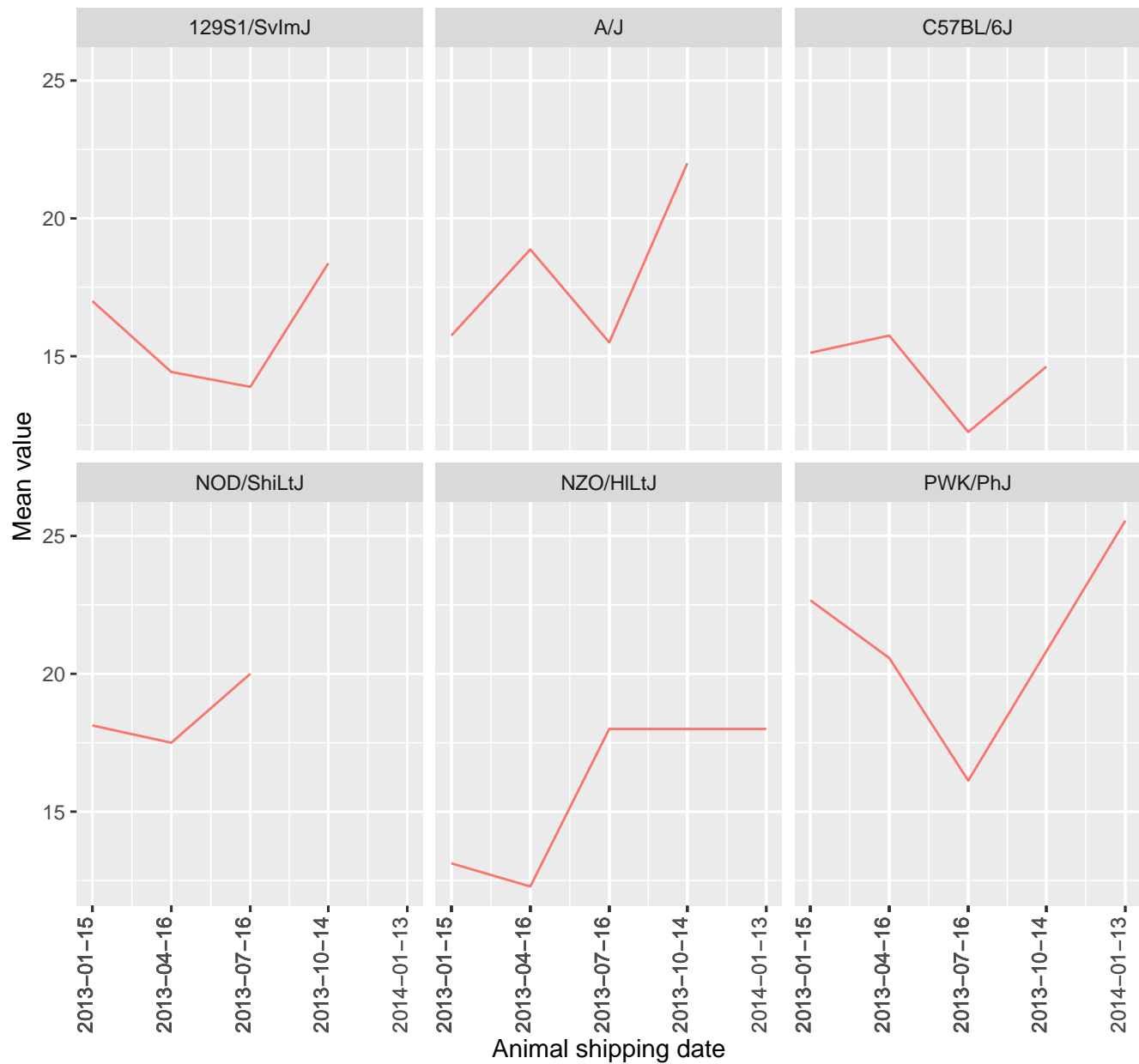


Procedure: GMC13

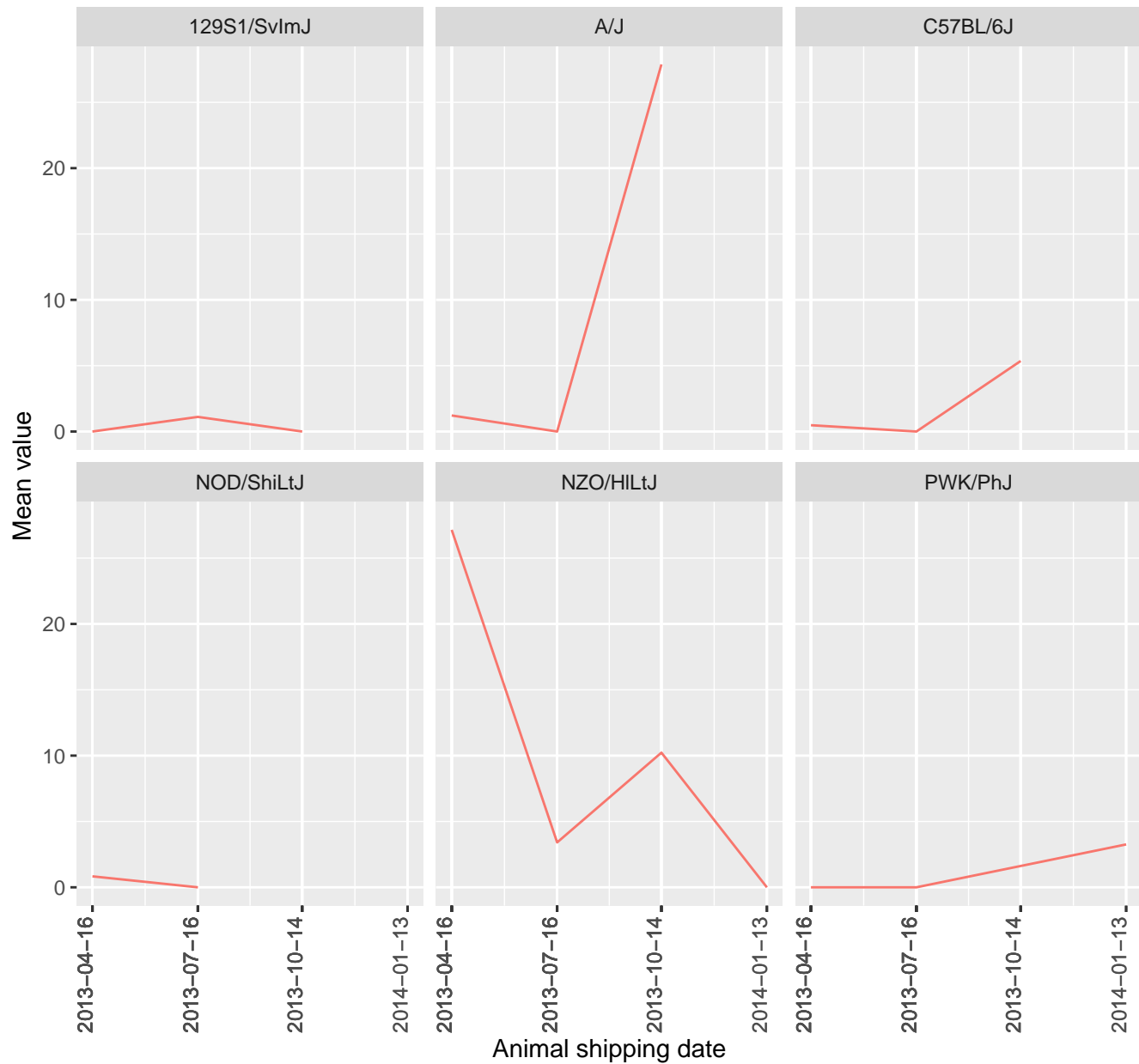
Parameter: HR_V



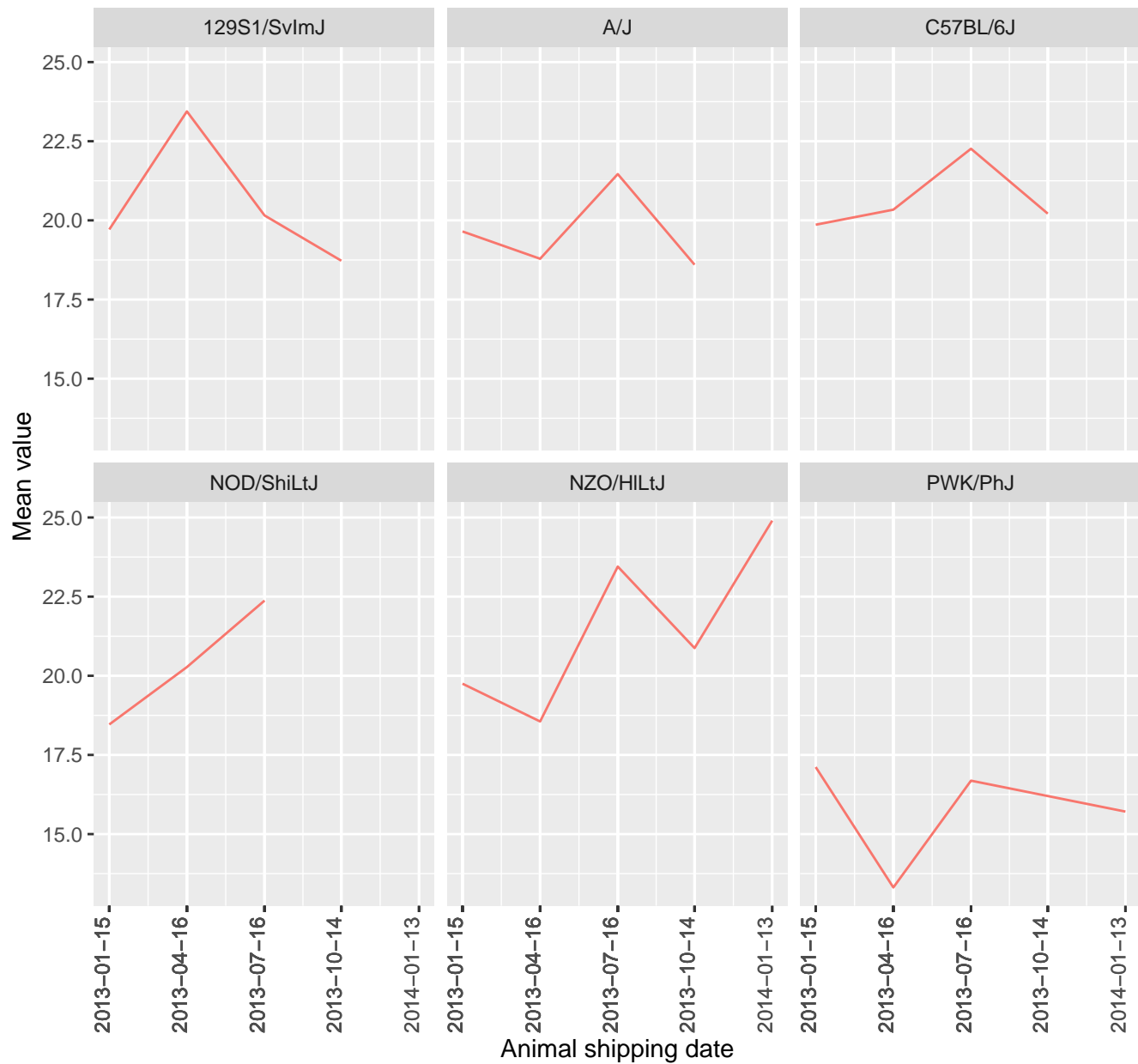
Procedure: GMC13
Parameter: num_ECG_signals



Procedure: GMC13
Parameter: pNN50

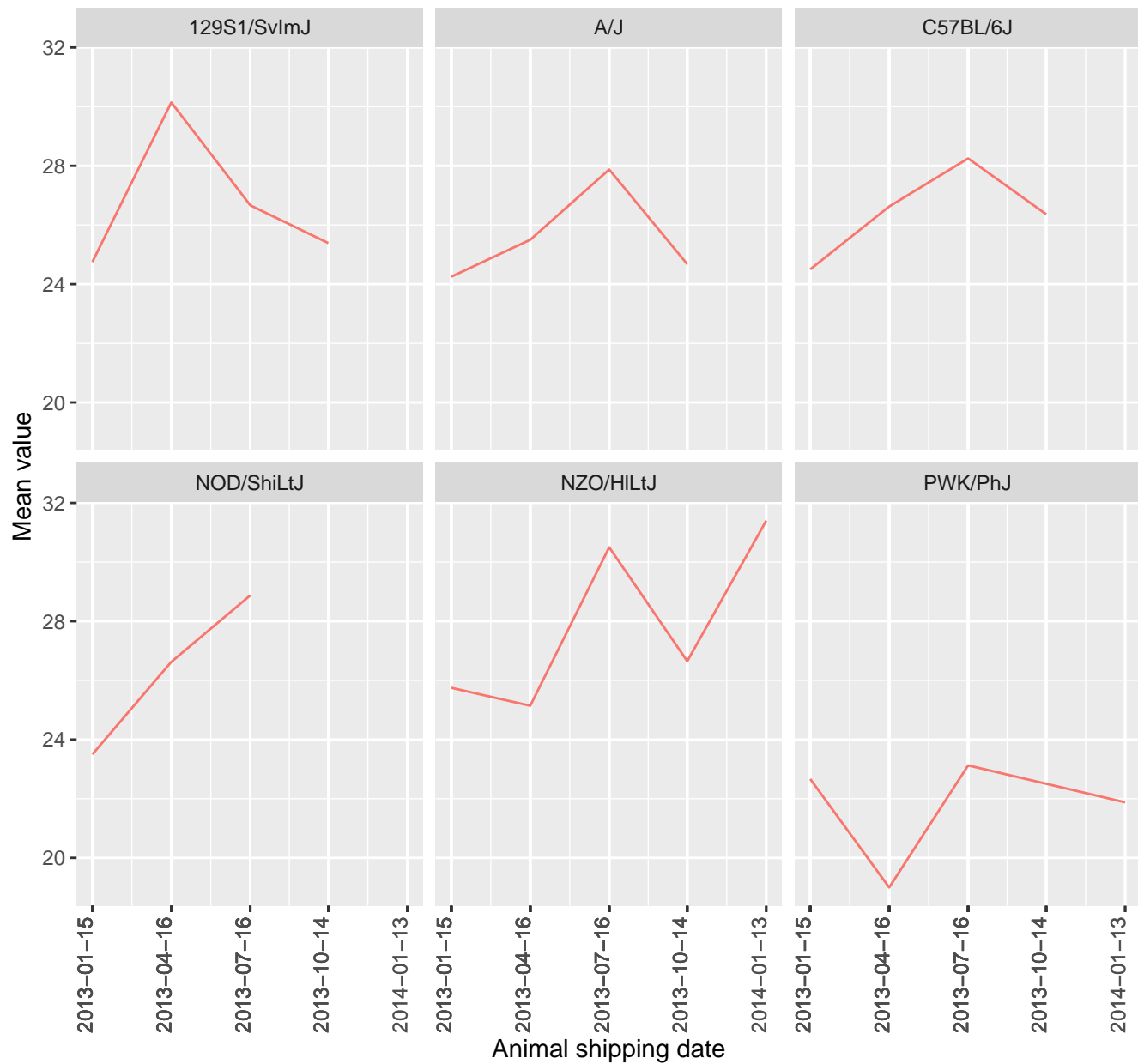


Procedure: GMC13
Parameter: PQ



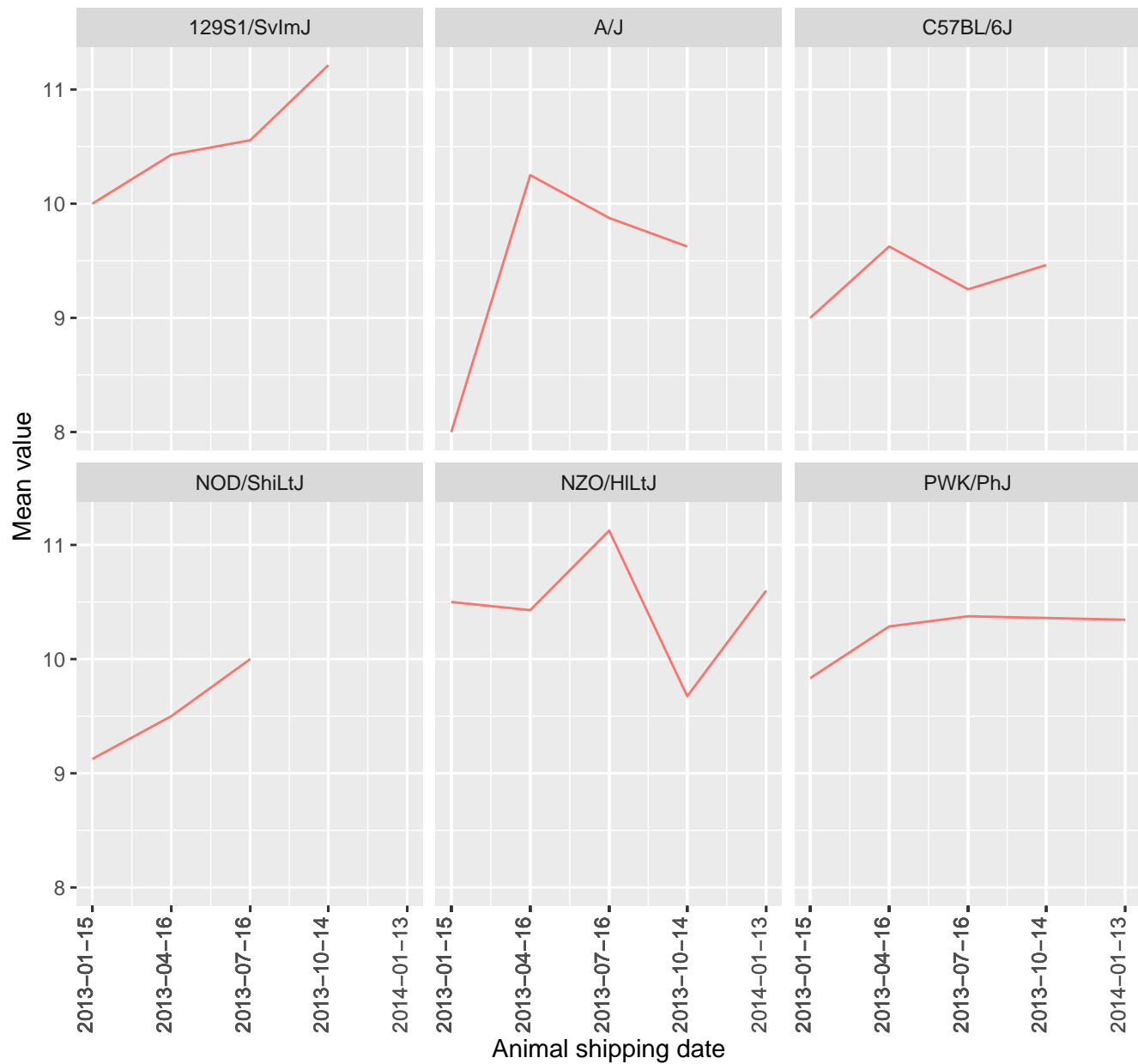
Procedure: GMC13

Parameter: PR

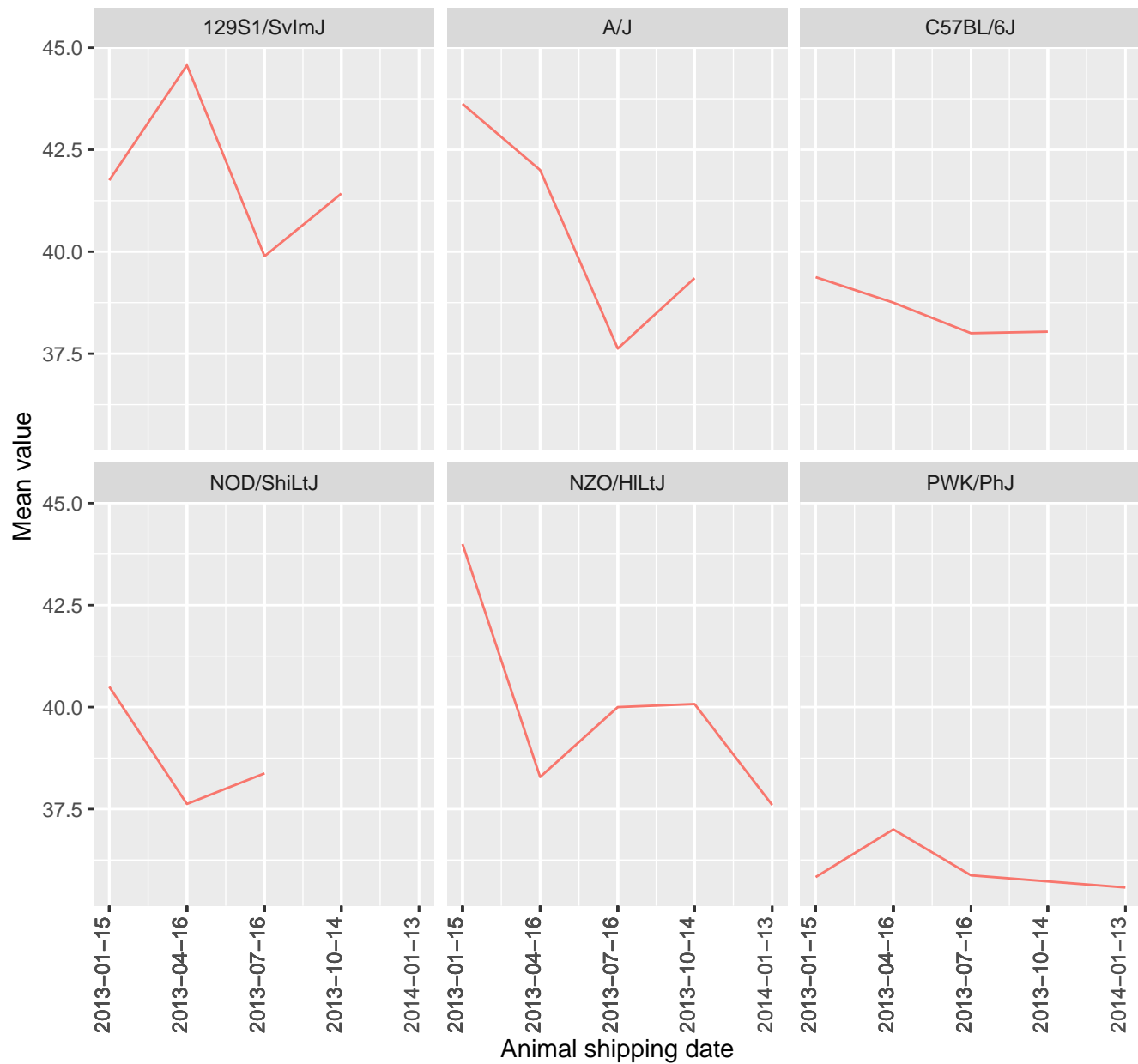


Procedure: GMC13

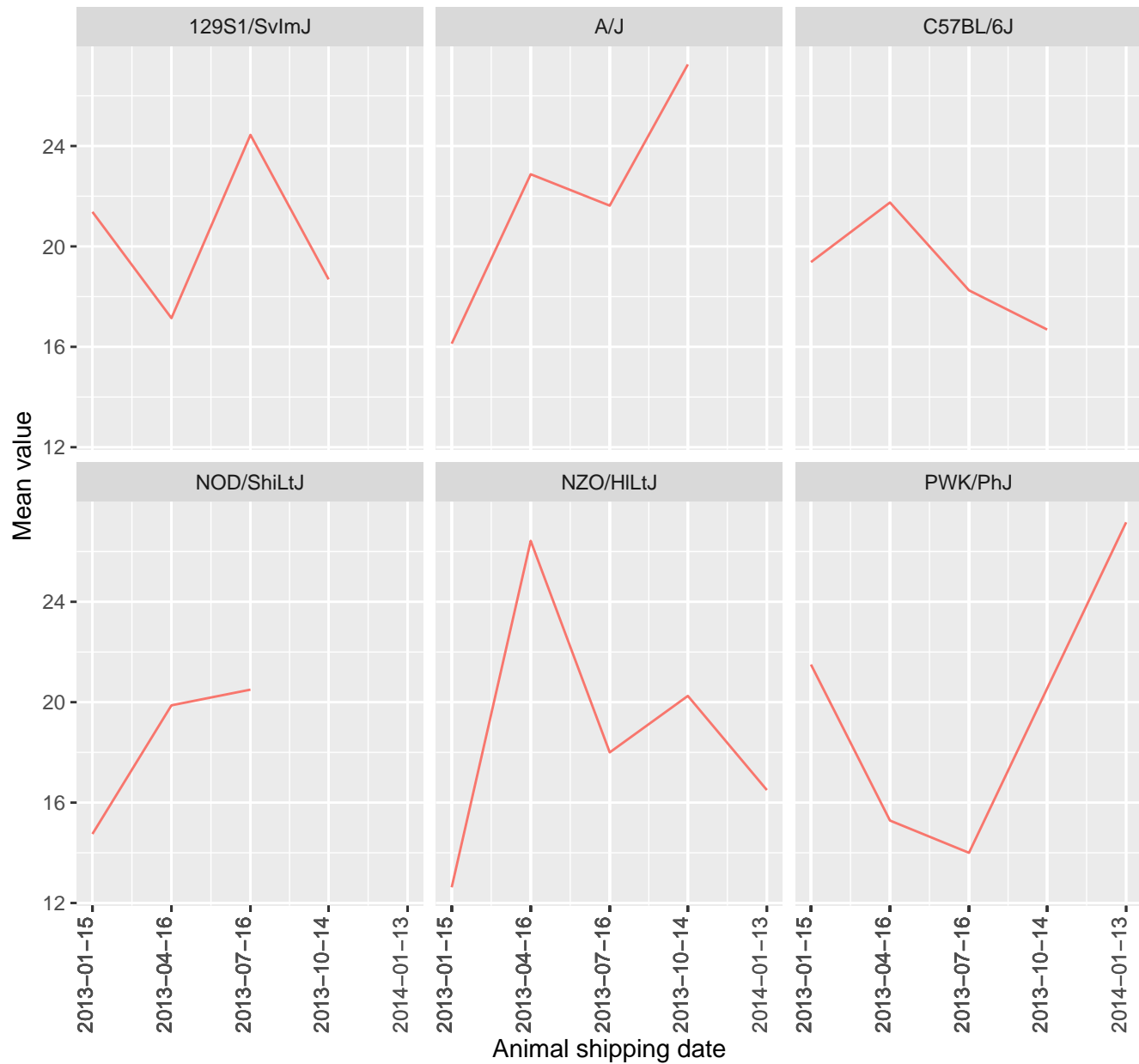
Parameter: QRS



Procedure: GMC13
Parameter: QT

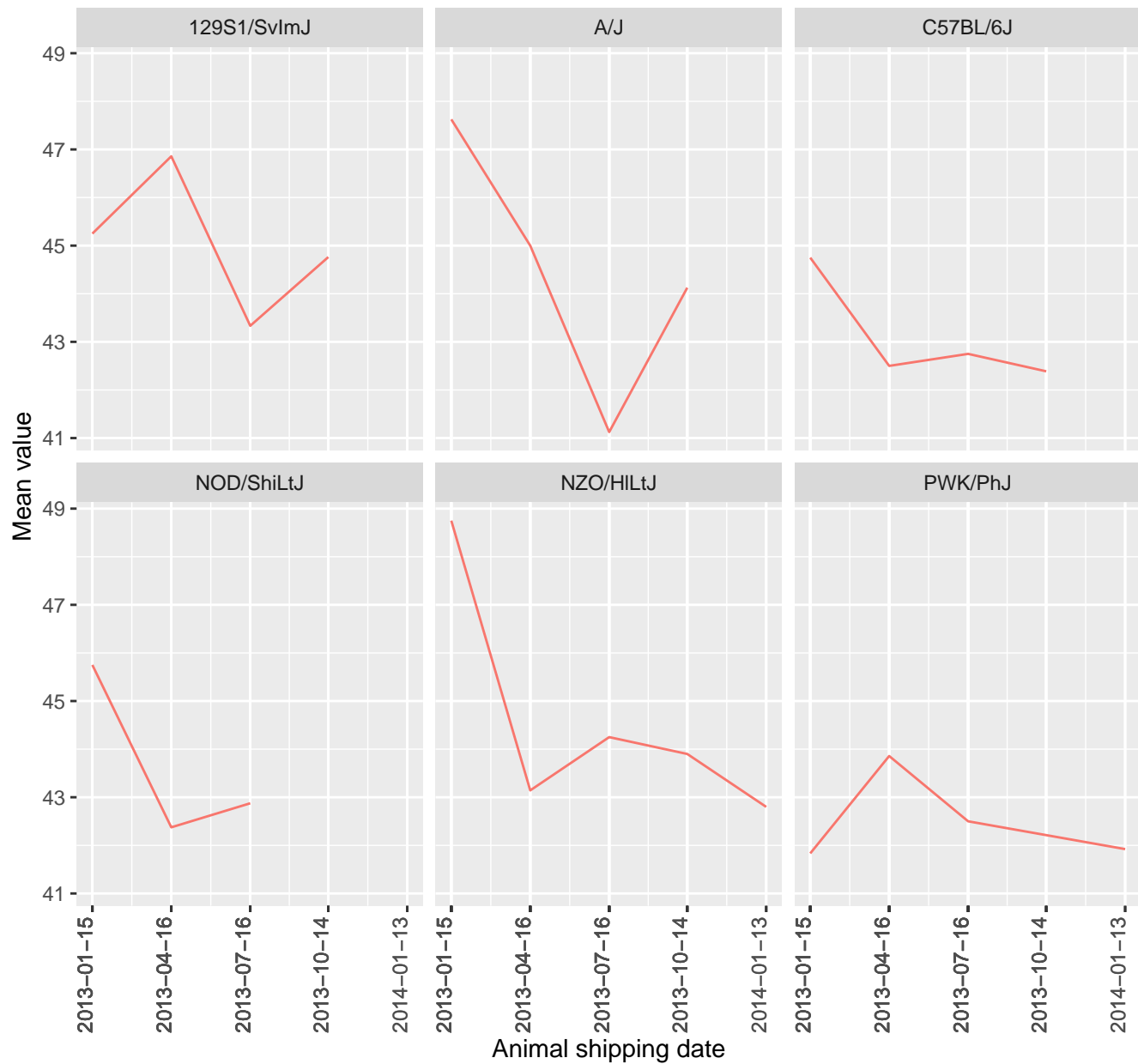


Procedure: GMC13
Parameter: QT_dispersion

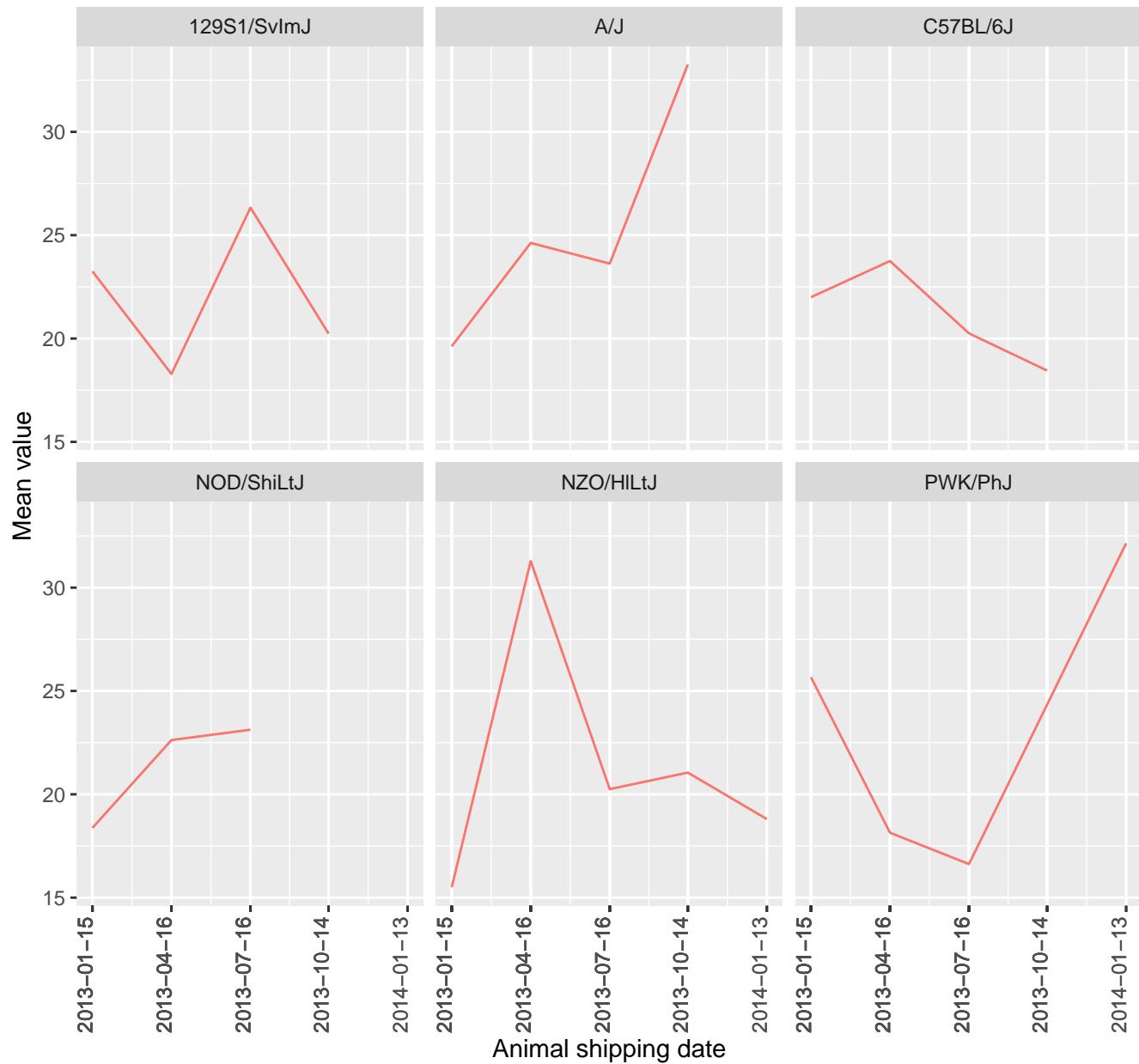


Procedure: GMC13

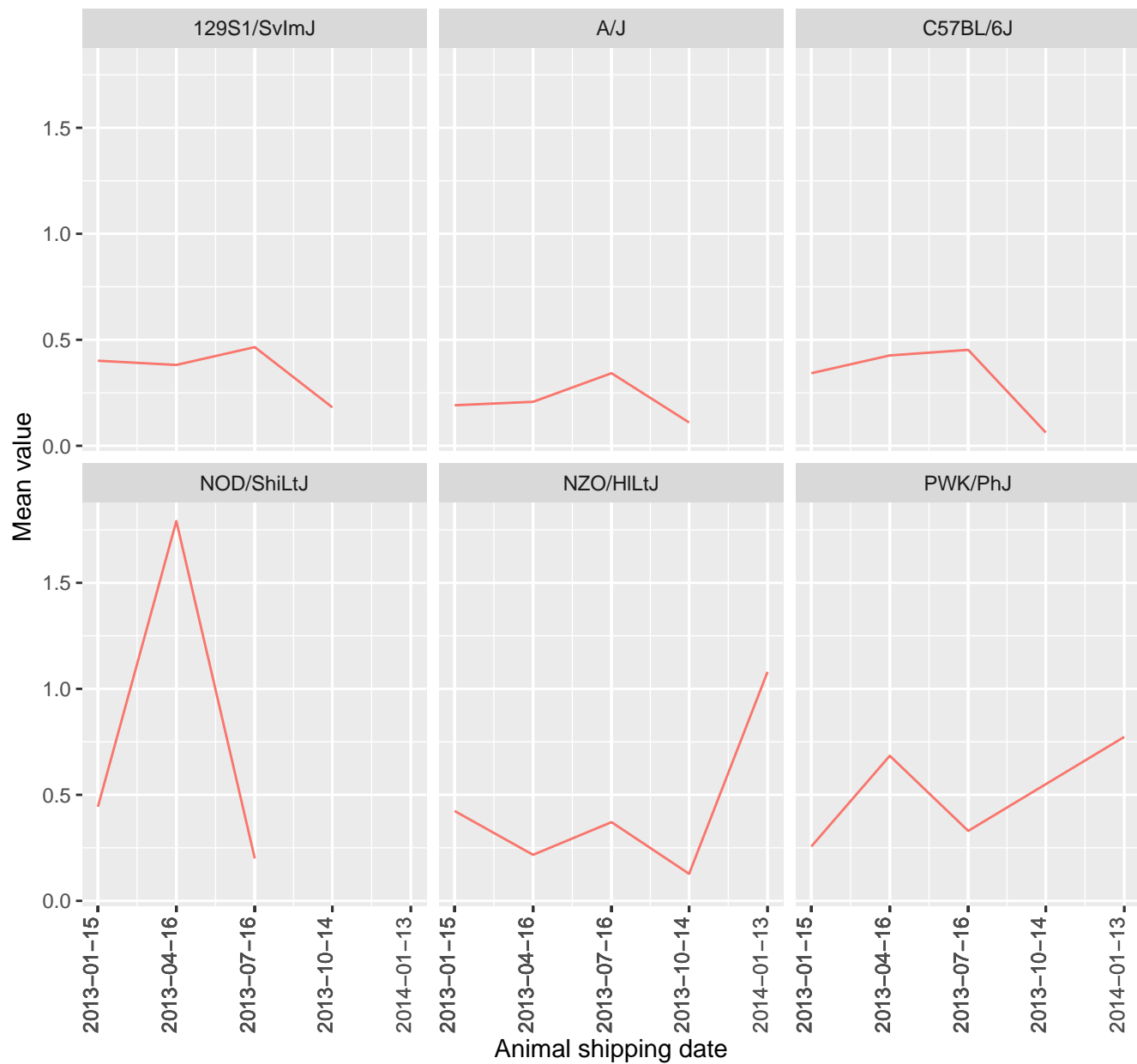
Parameter: QTc



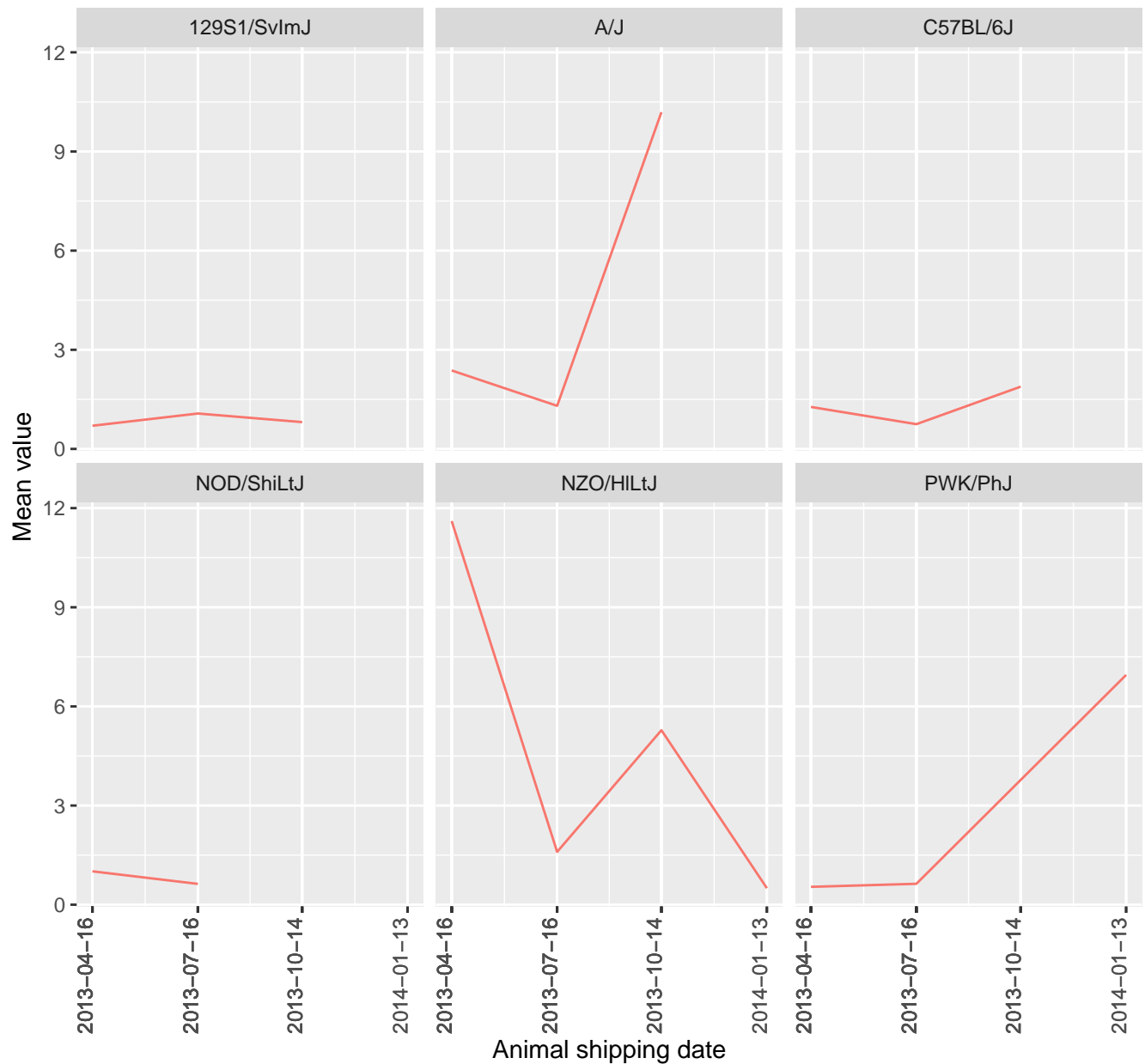
Procedure: GMC13
Parameter: QTc_dispersion



Procedure: GMC13
Parameter: R_amplitude

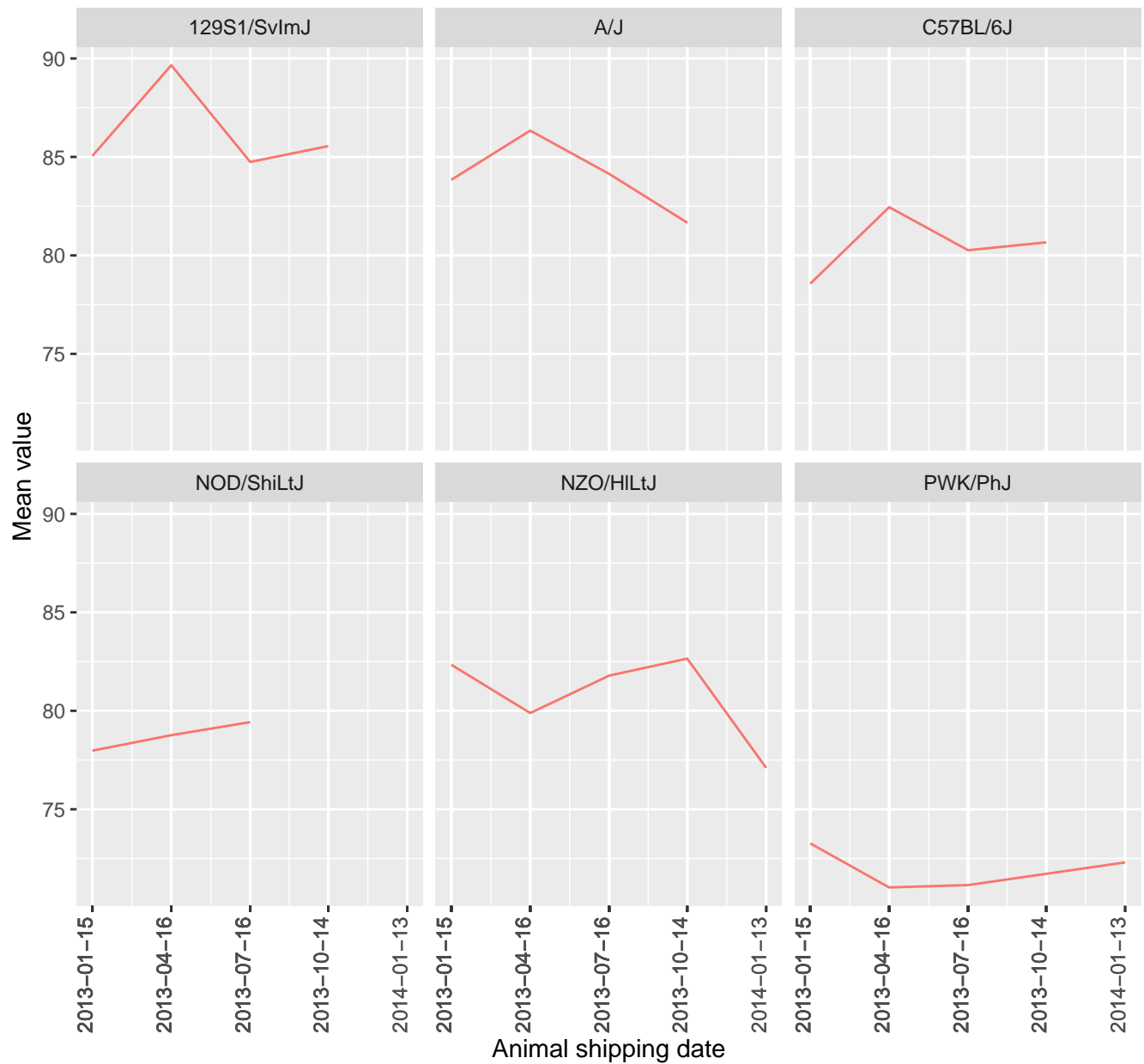


Procedure: GMC13
Parameter: rMSSD

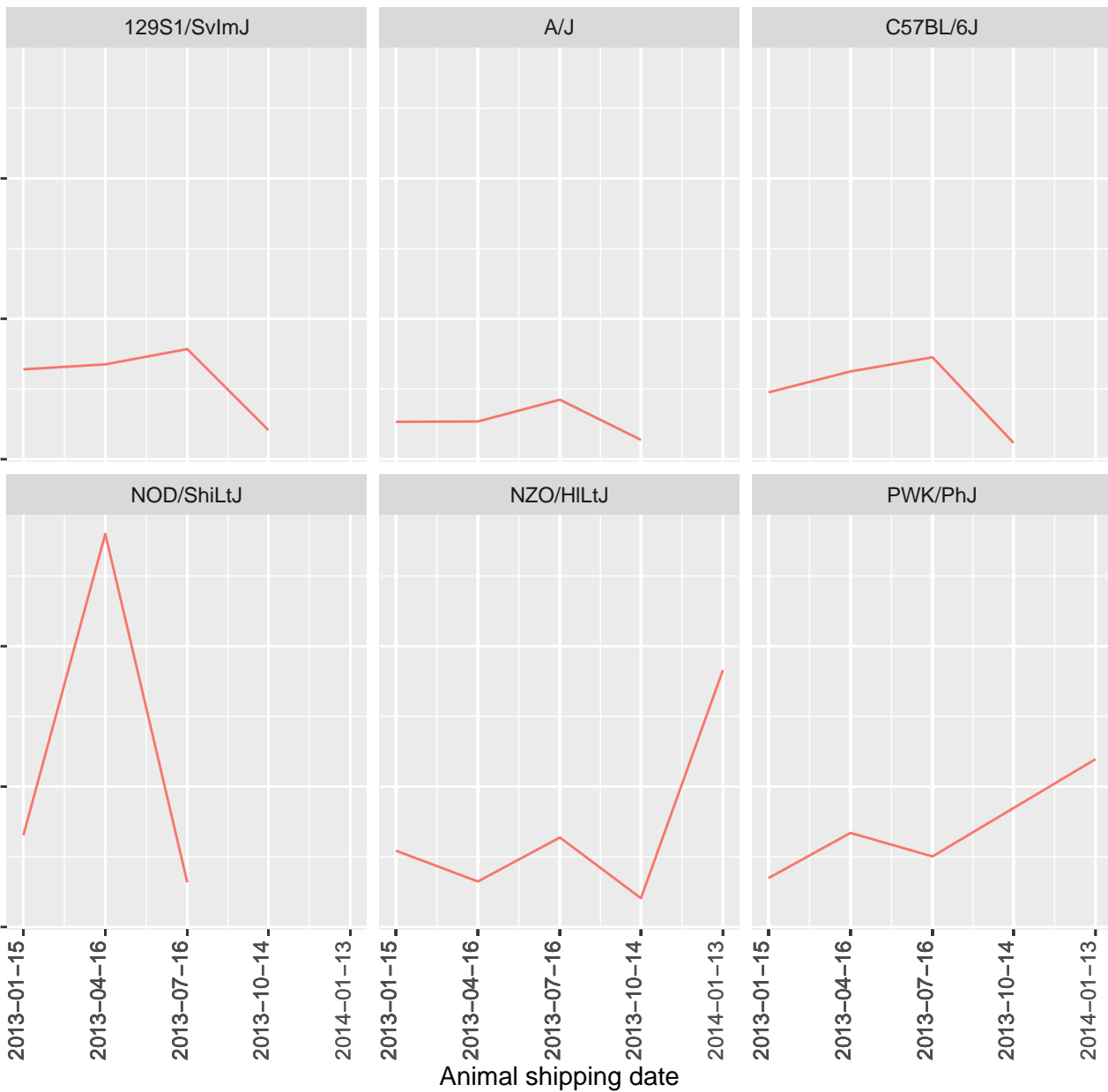


Procedure: GMC13

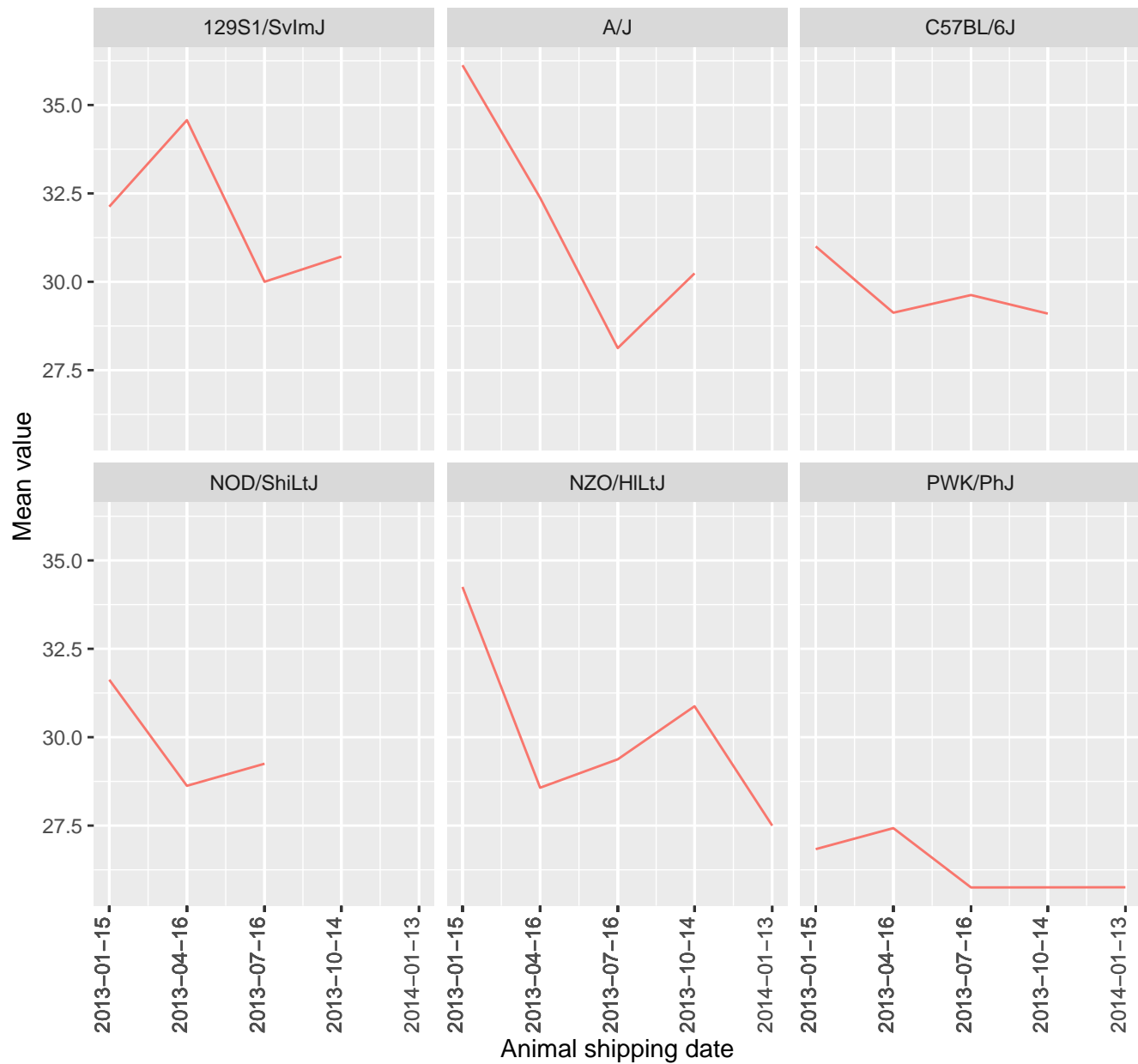
Parameter: RR



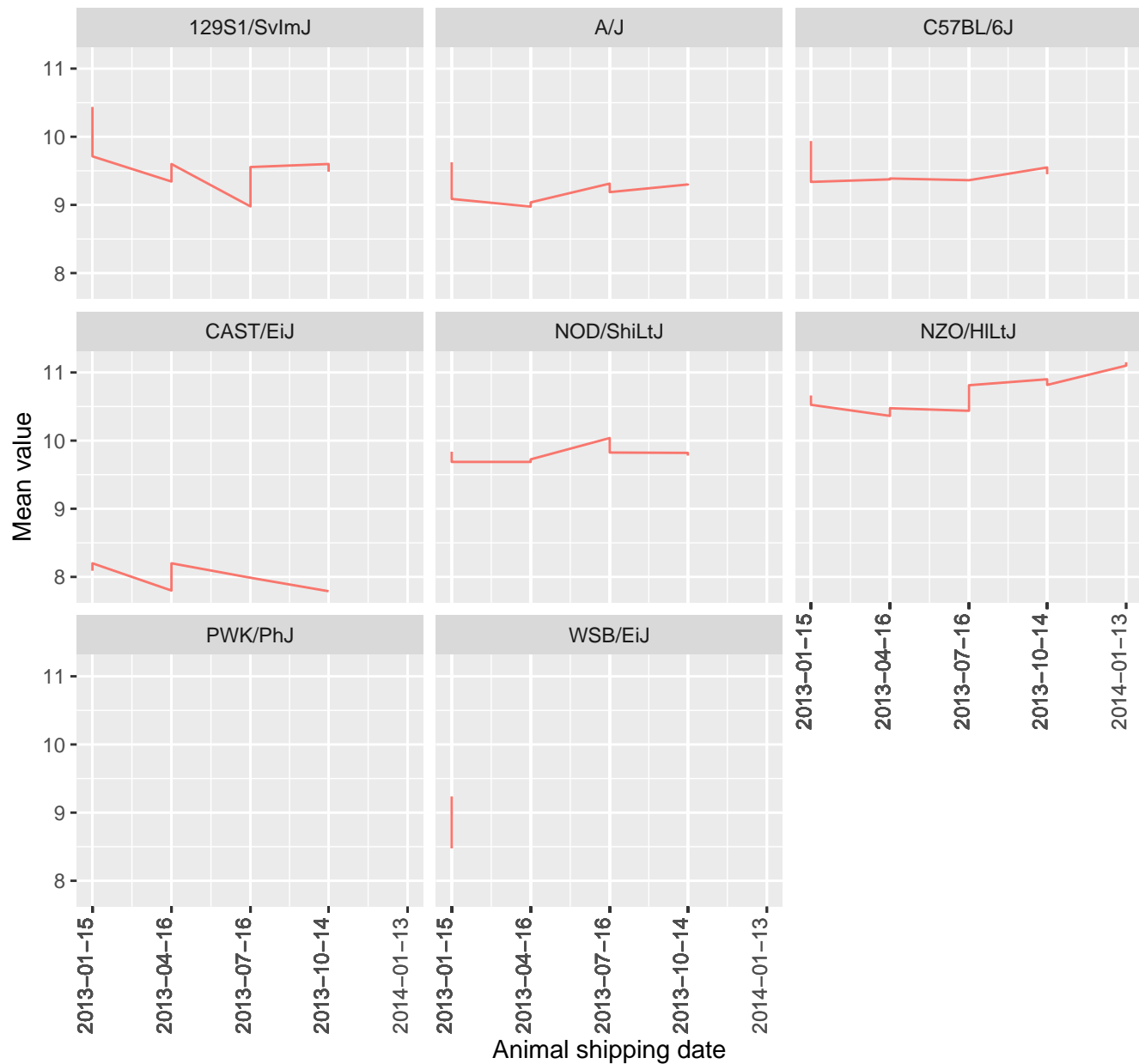
Procedure: GMC13
Parameter: SR_amplitude



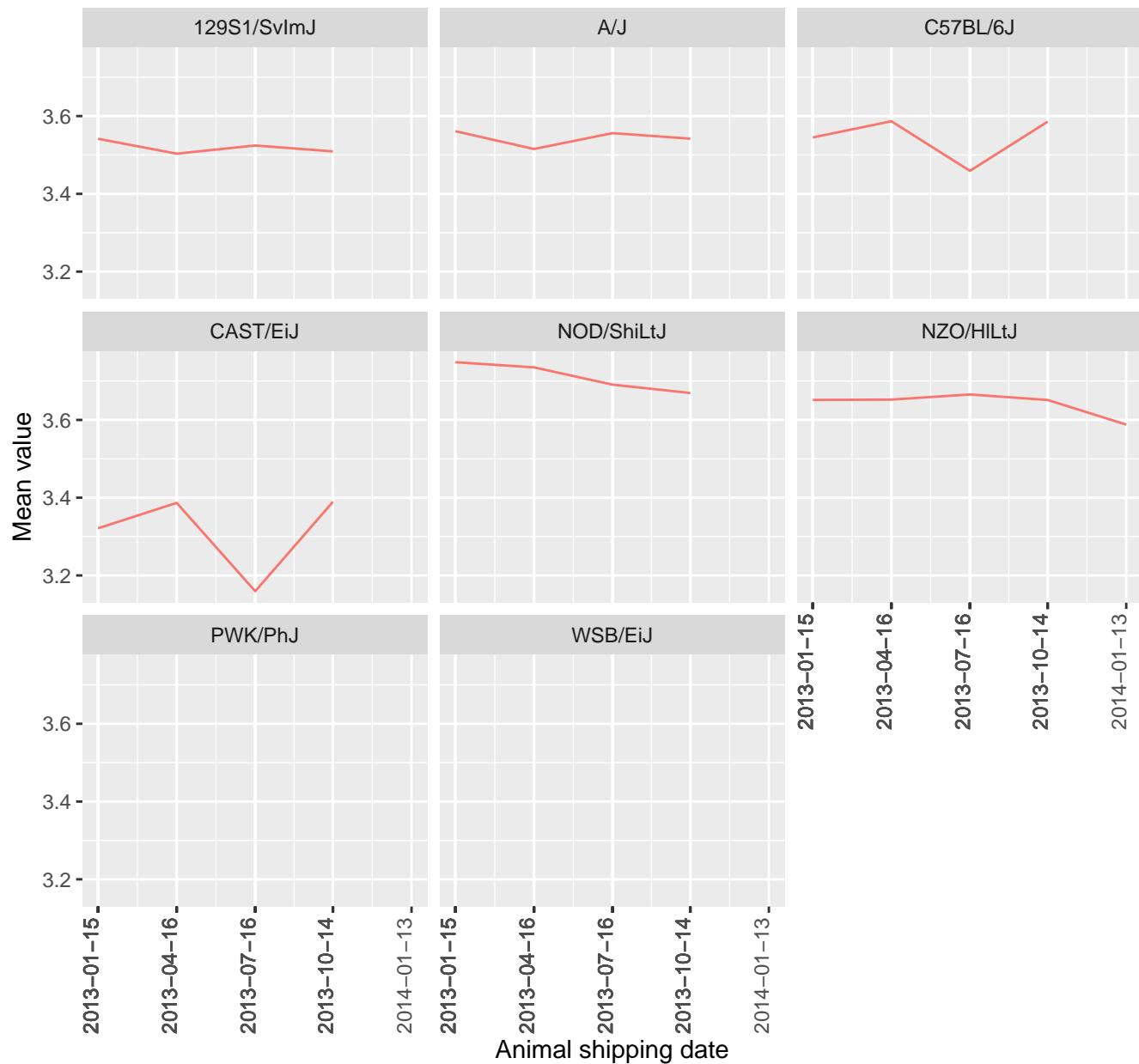
Procedure: GMC13
Parameter: ST



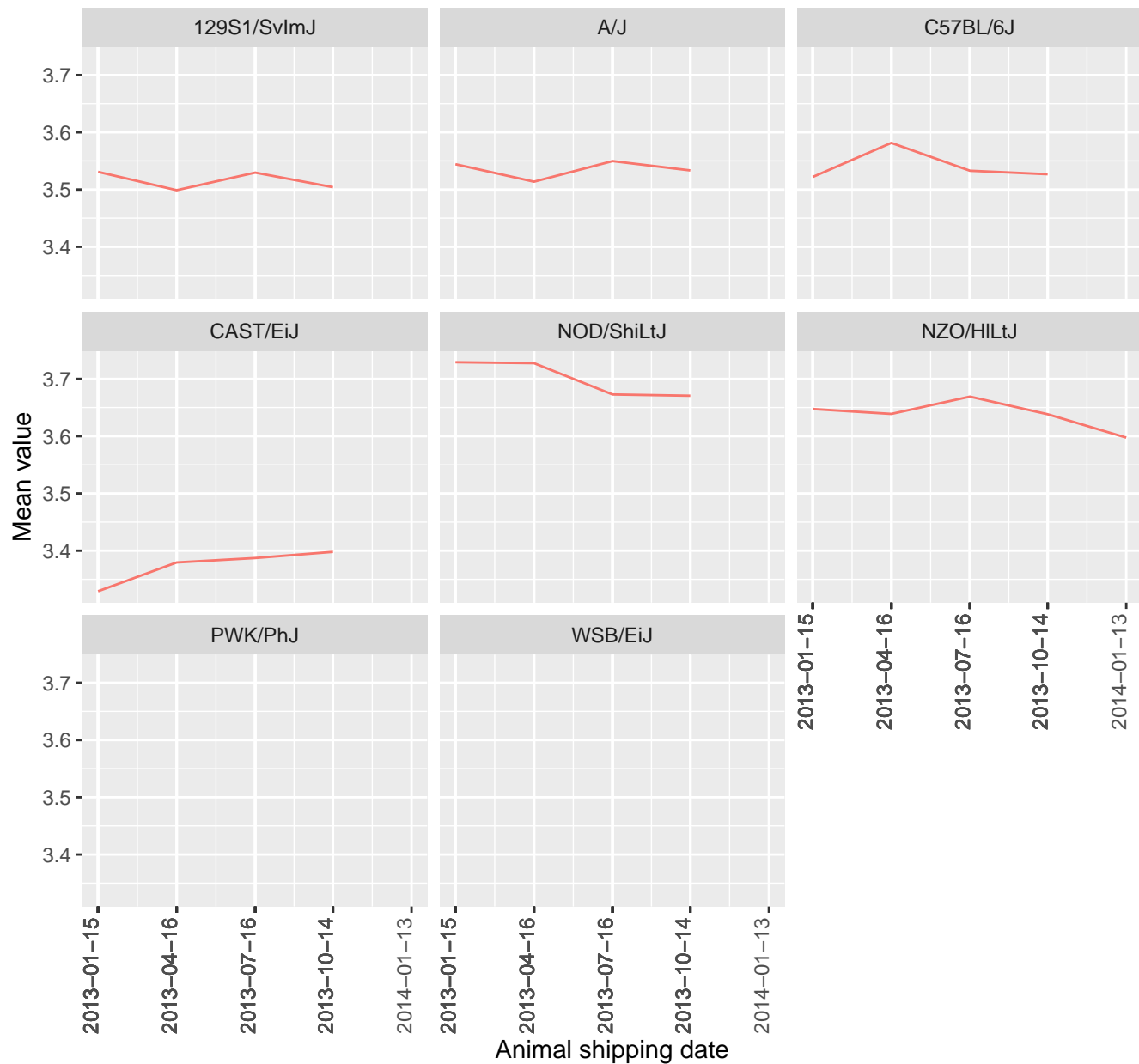
Procedure: GMC14
Parameter: body_length



Procedure: GMC14
Parameter: eye_length_L

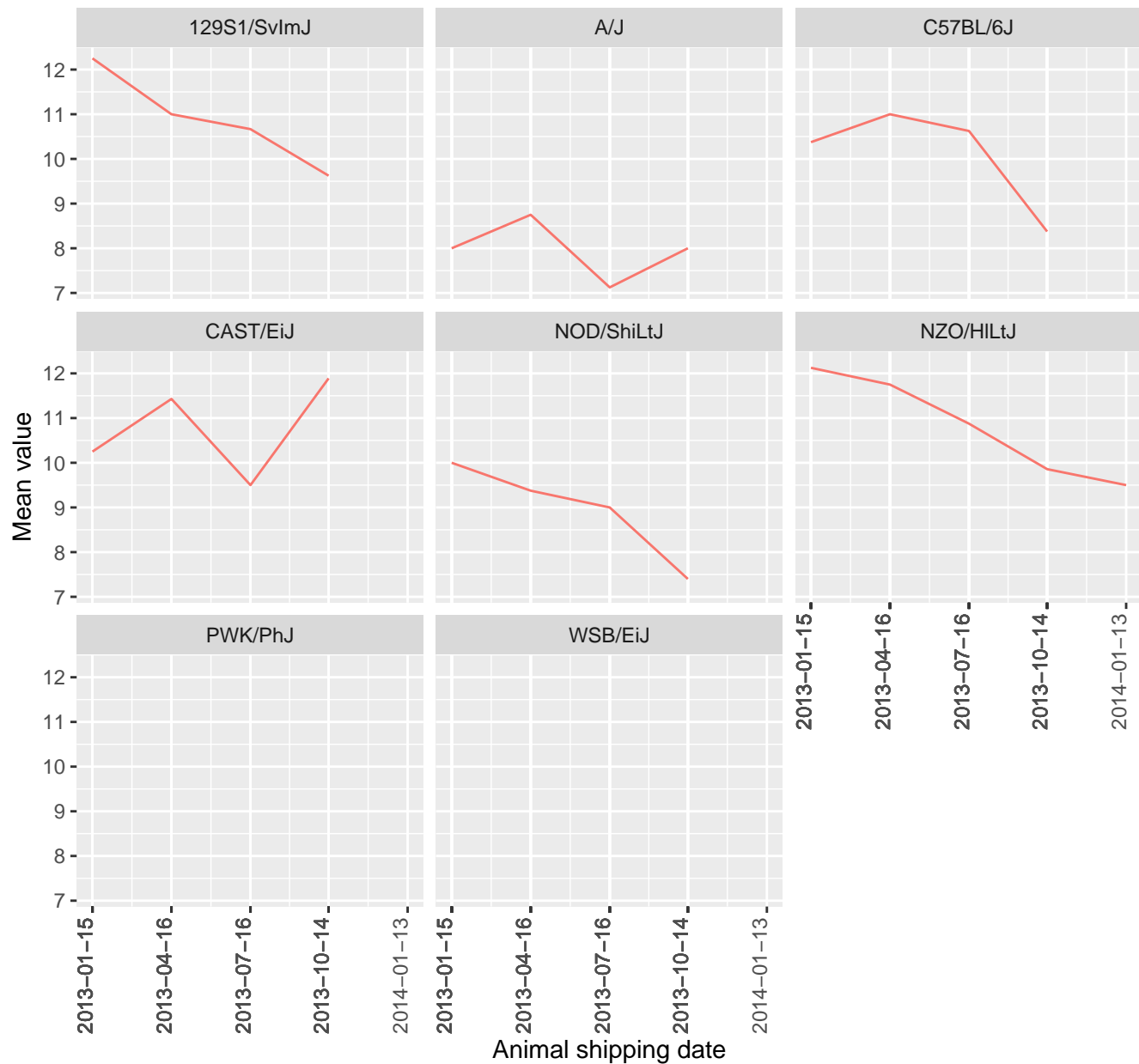


Procedure: GMC14
Parameter: eye_length_R



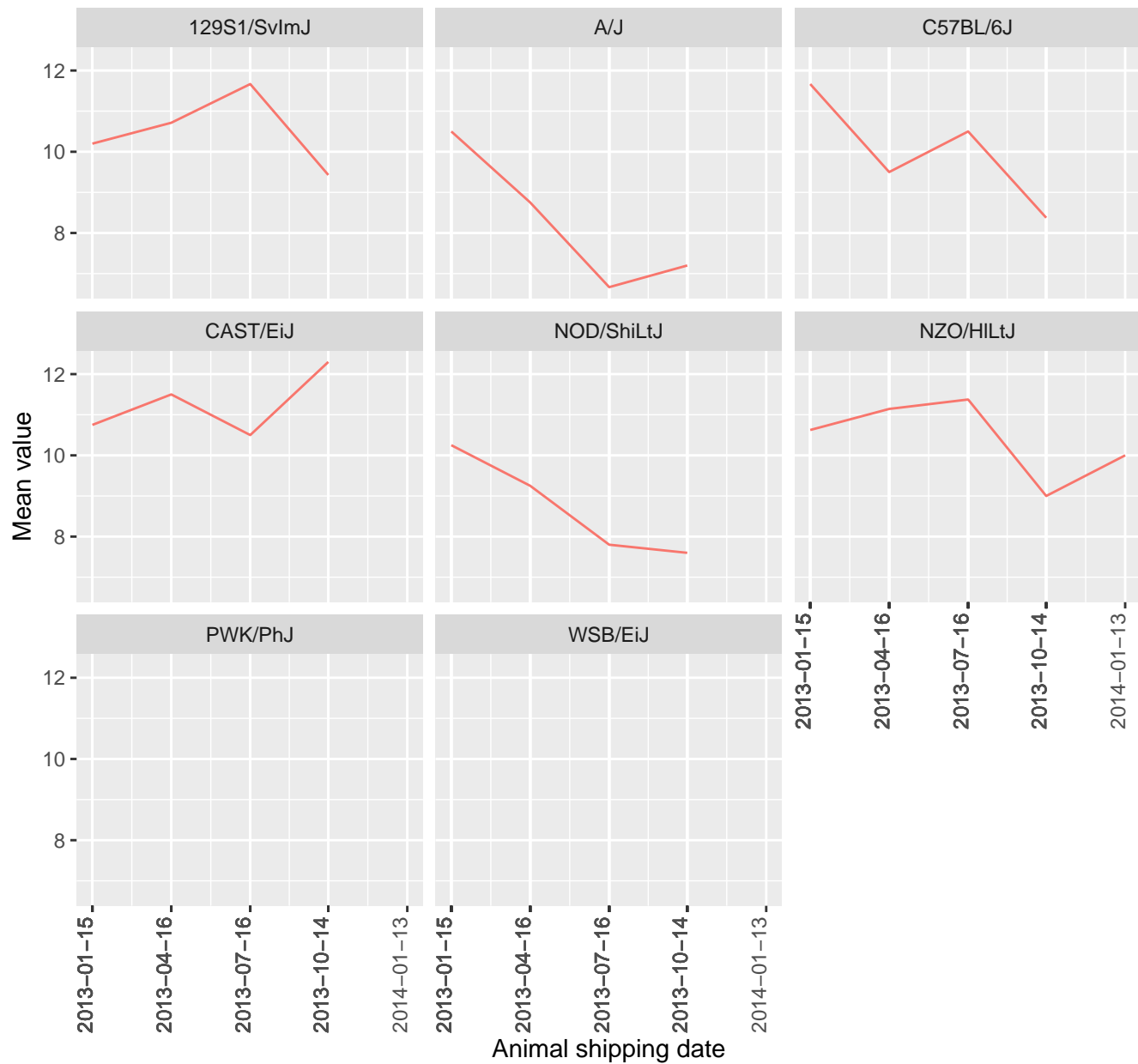
Procedure: GMC14

Parameter: fundus_vessels_L



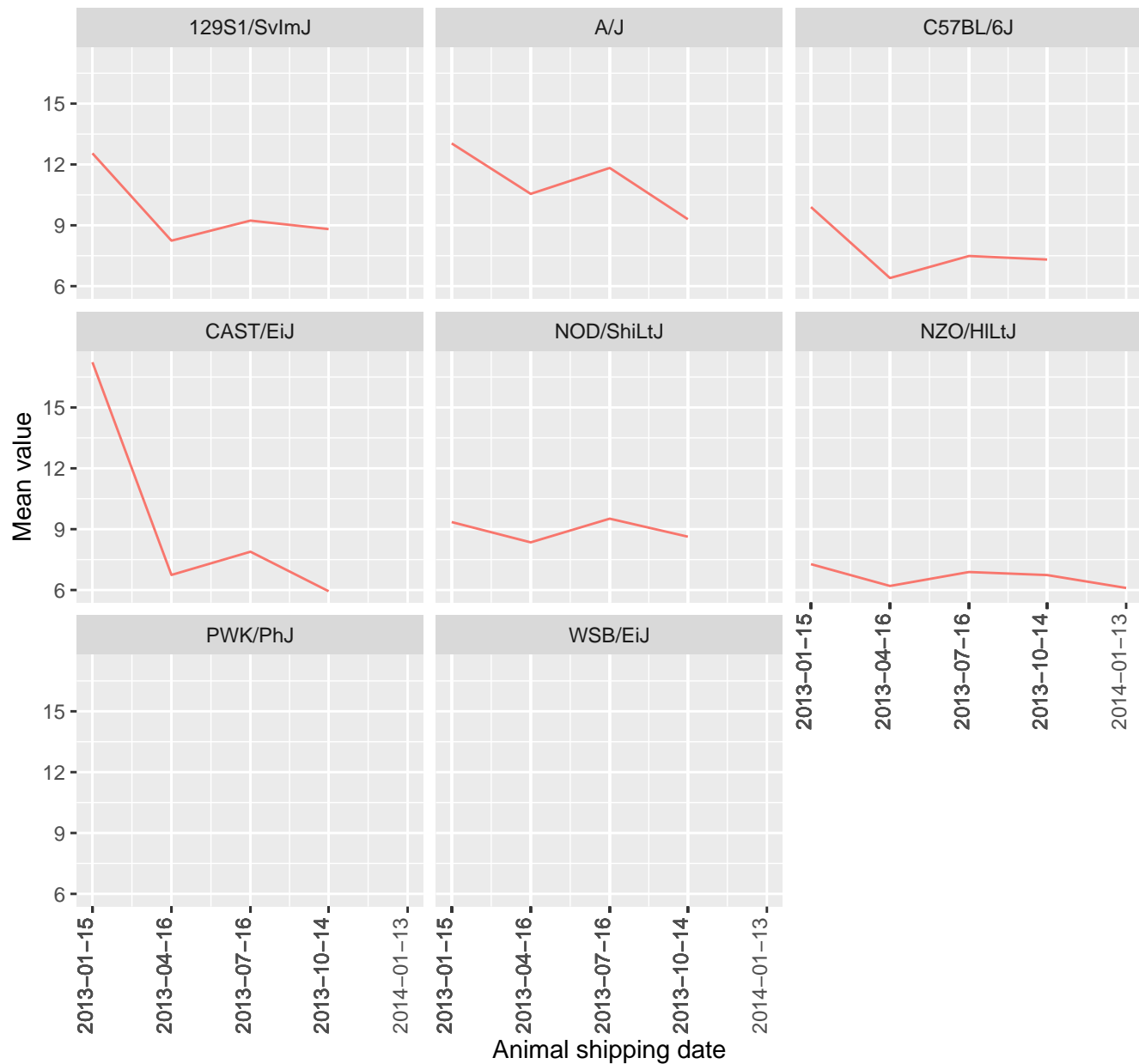
Procedure: GMC14

Parameter: fundus_vessels_R



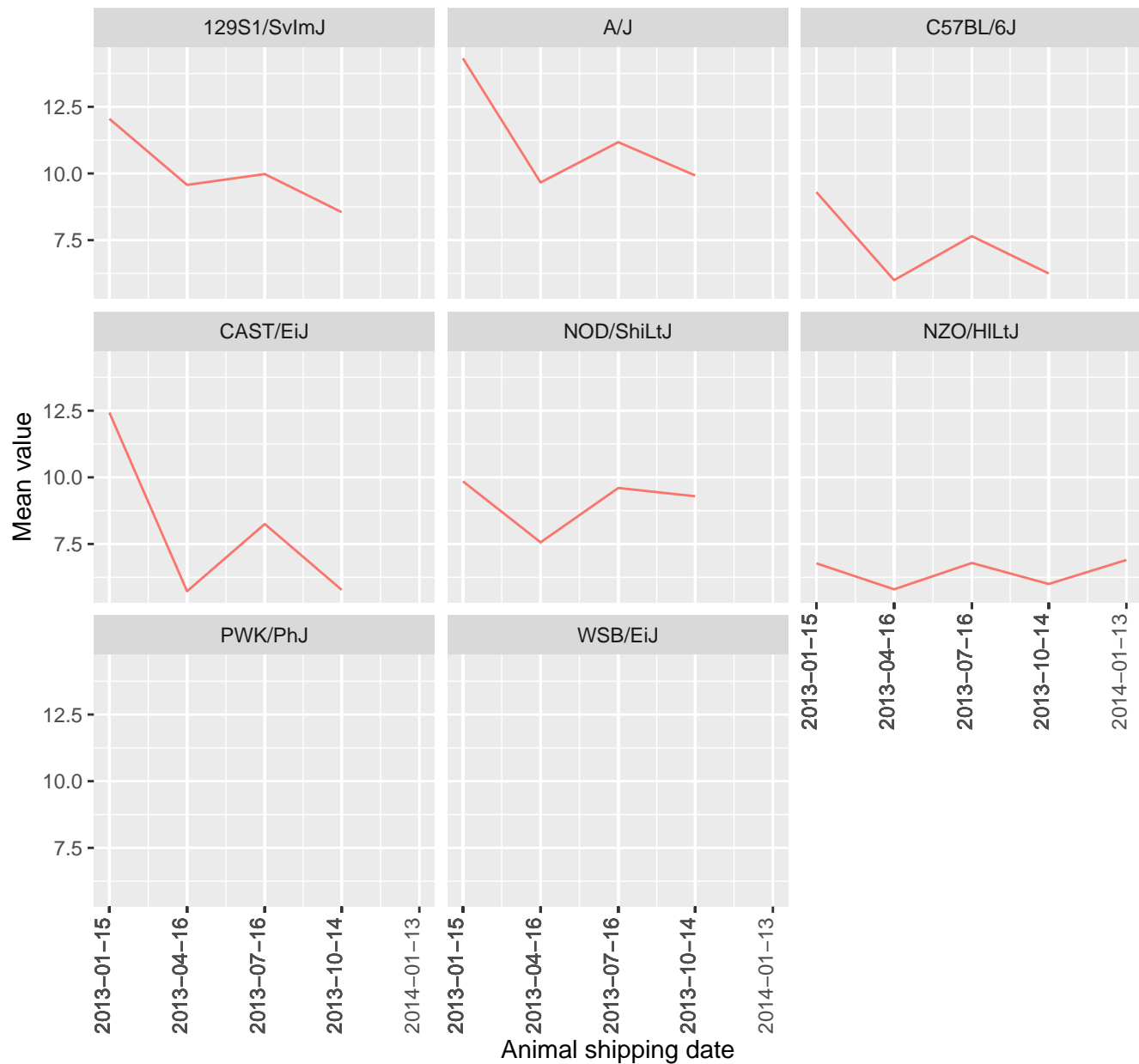
Procedure: GMC14

Parameter: lens_max_density_L



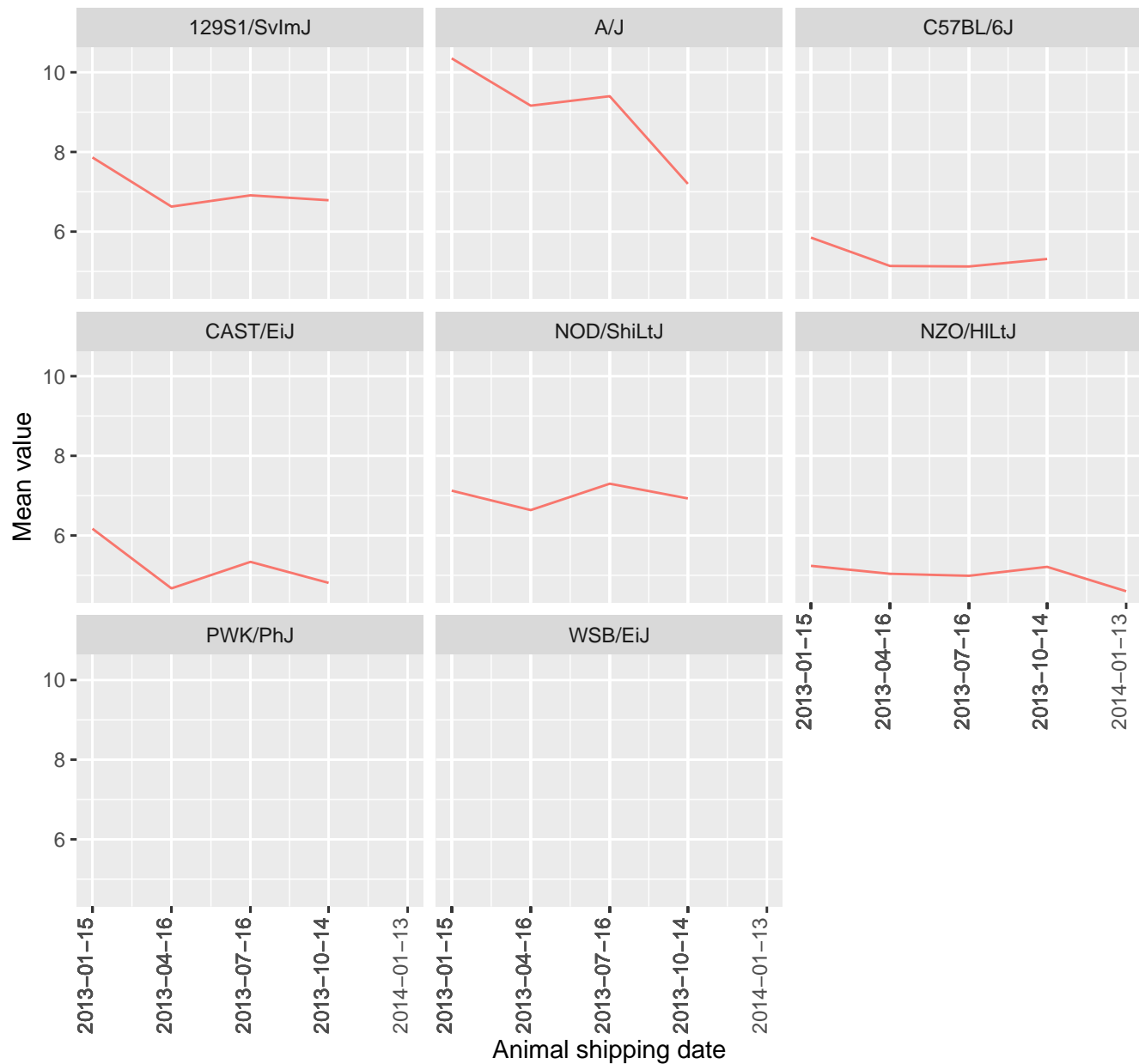
Procedure: GMC14

Parameter: lens_max_density_R



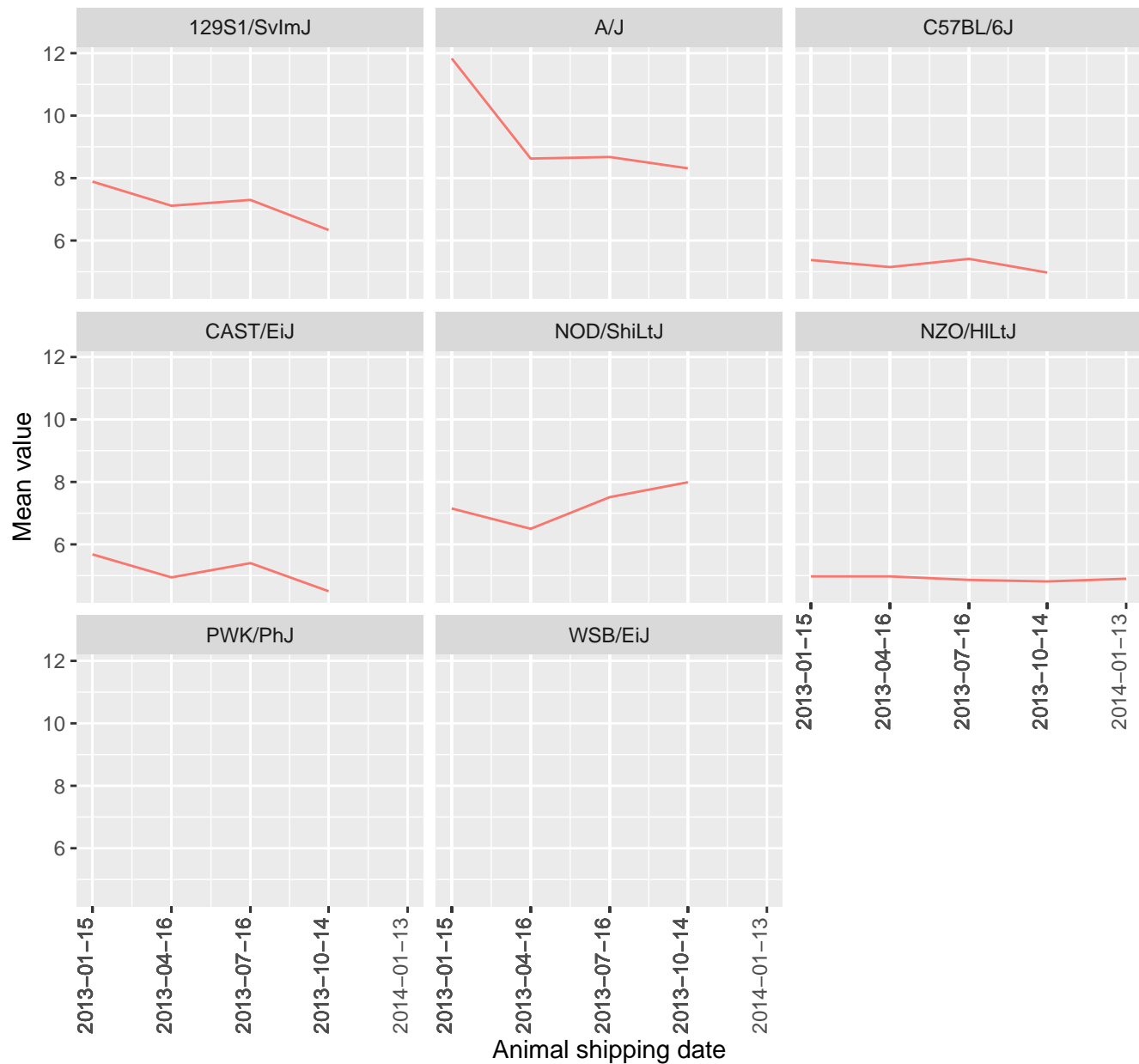
Procedure: GMC14

Parameter: lens_mean_density_L



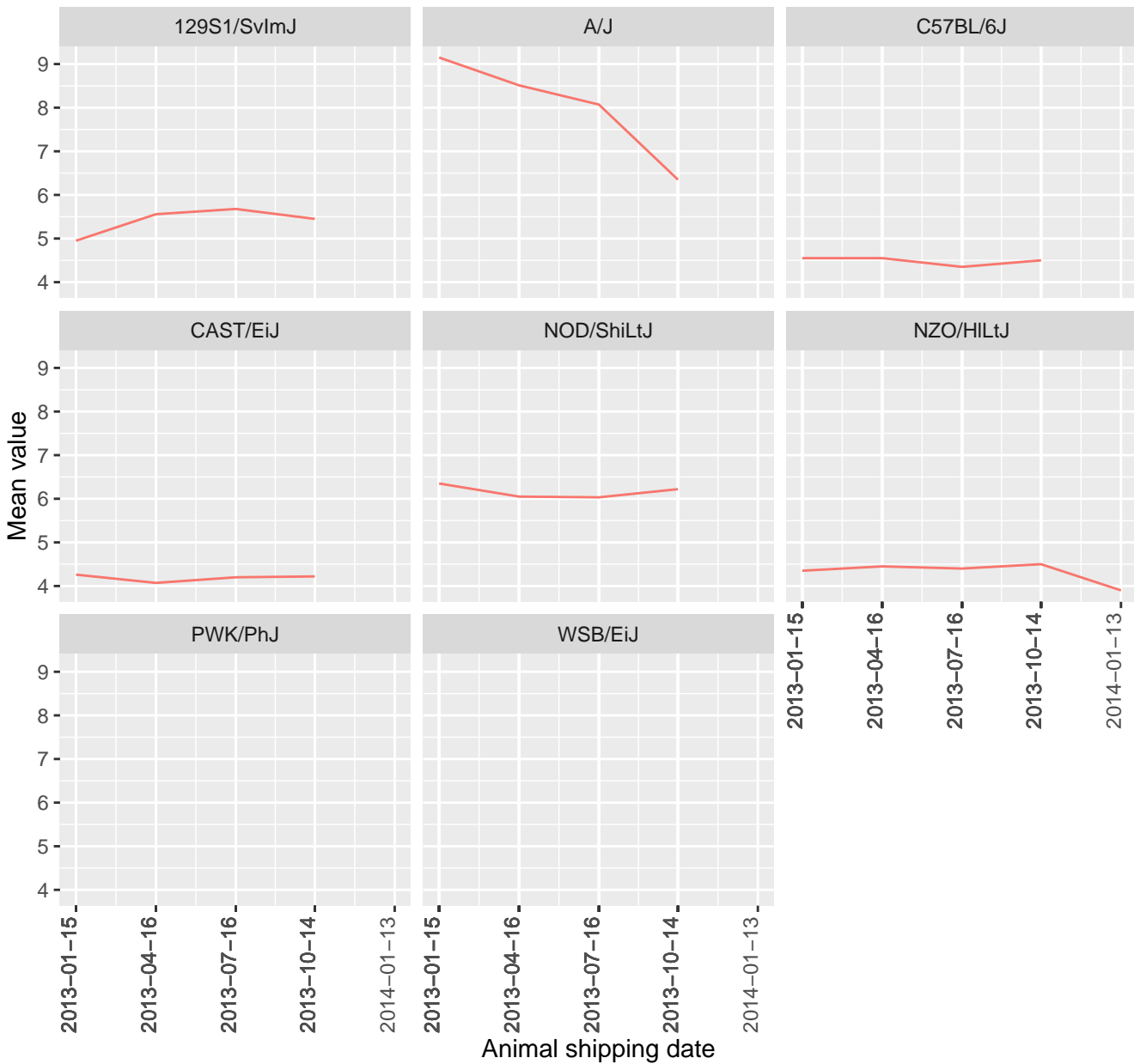
Procedure: GMC14

Parameter: lens_mean_density_R



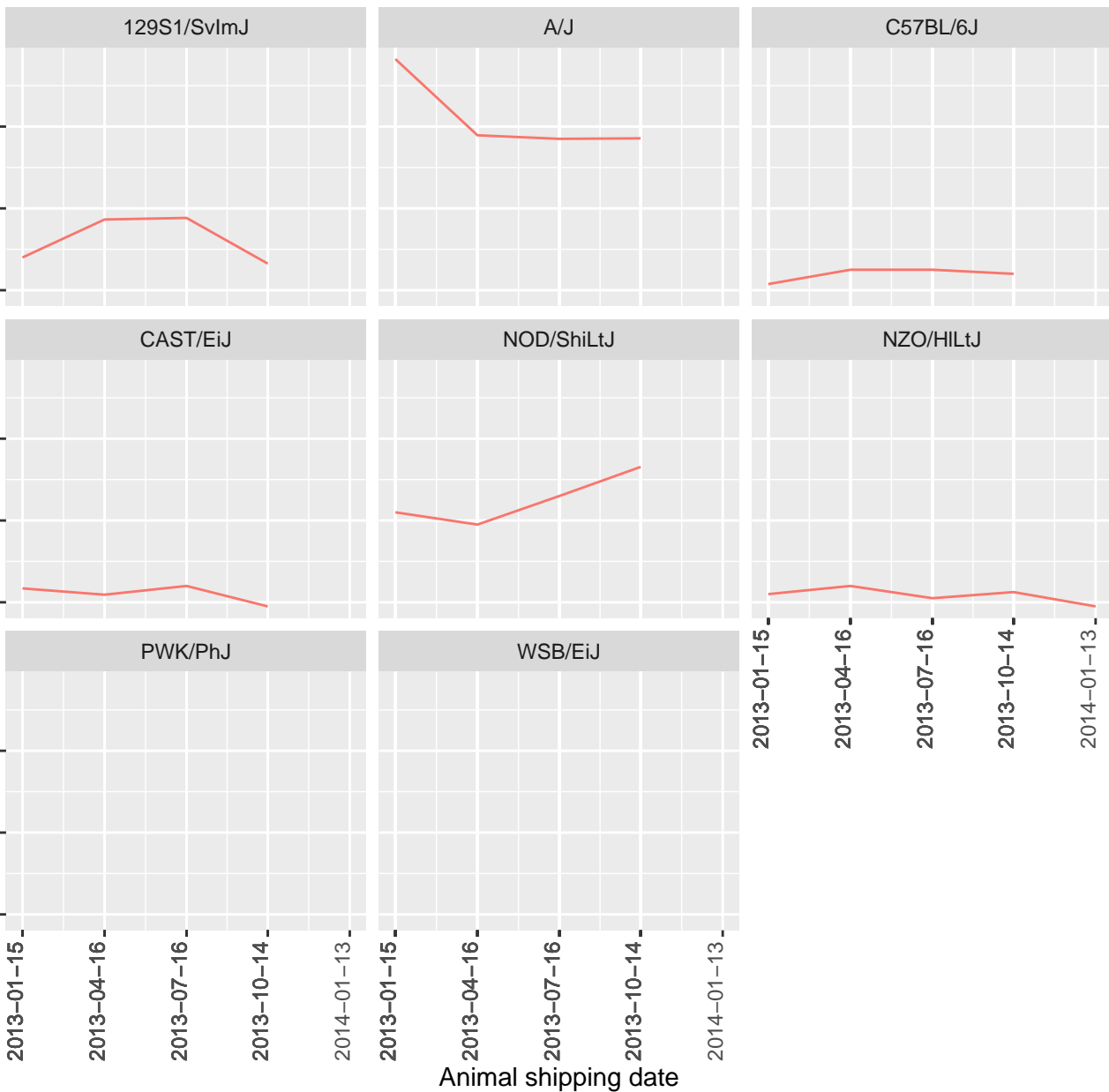
Procedure: GMC14

Parameter: lens_min_density_L



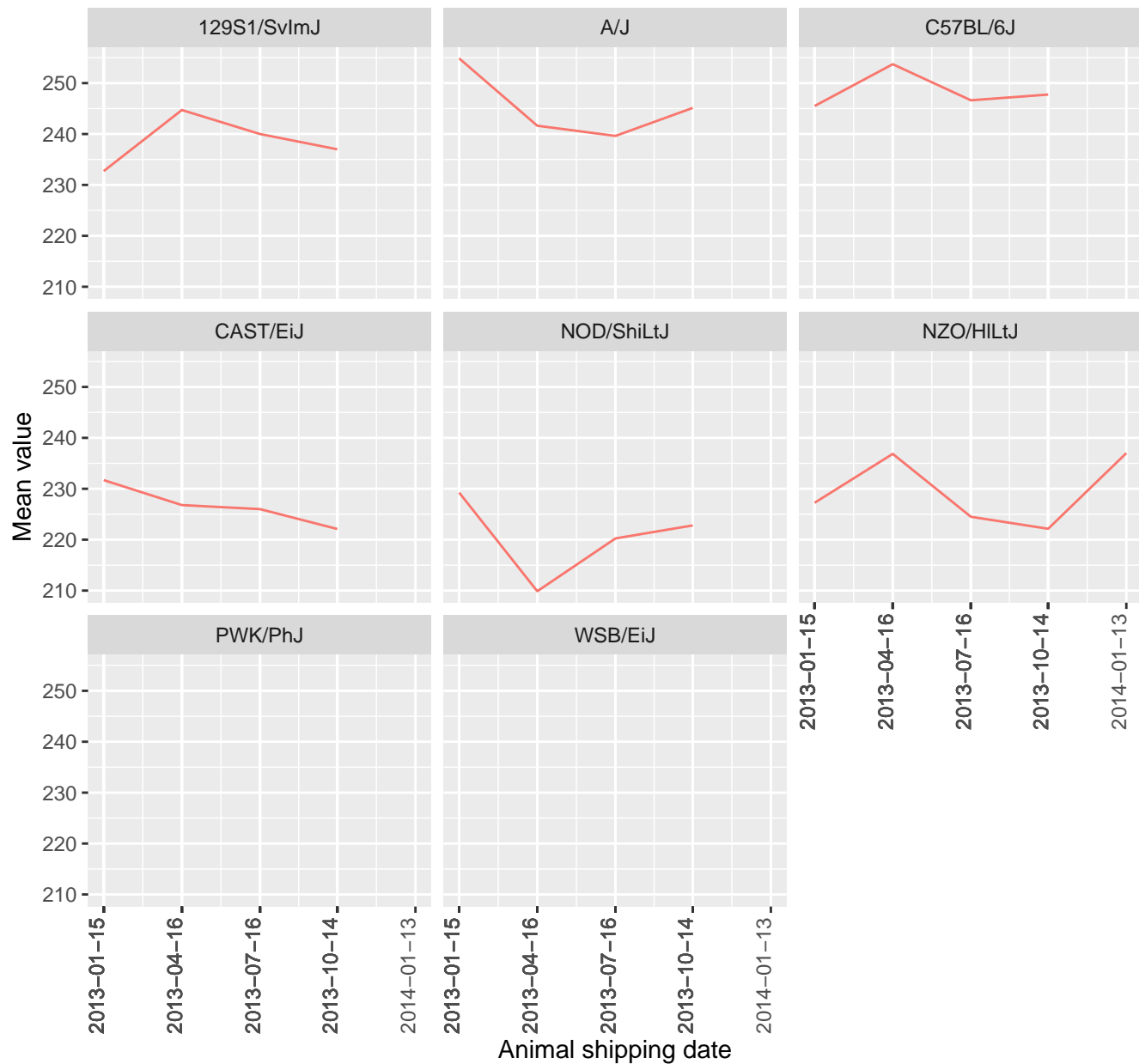
Procedure: GMC14

Parameter: lens_min_density_R



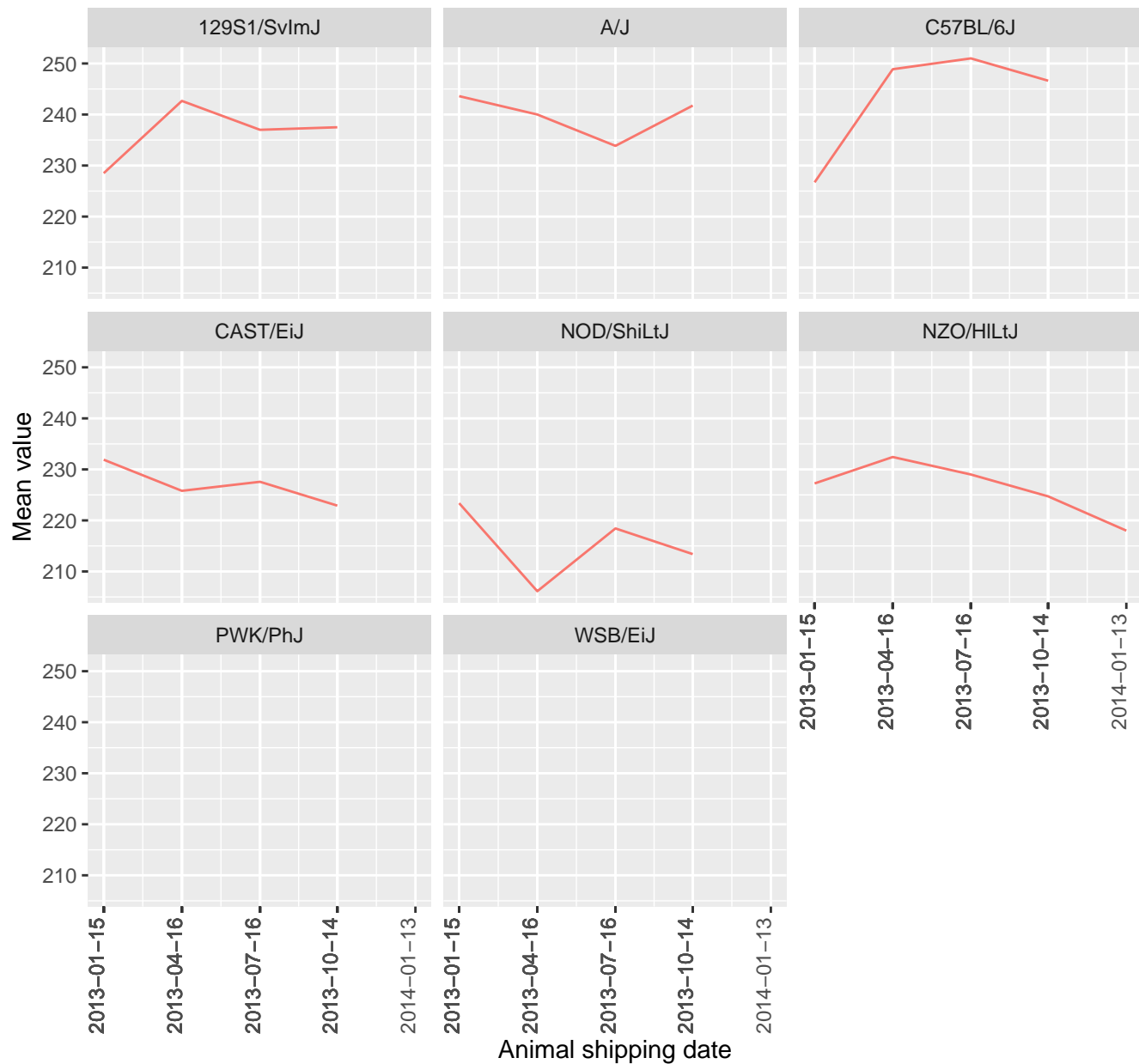
Procedure: GMC14

Parameter: retinal_thickness_L

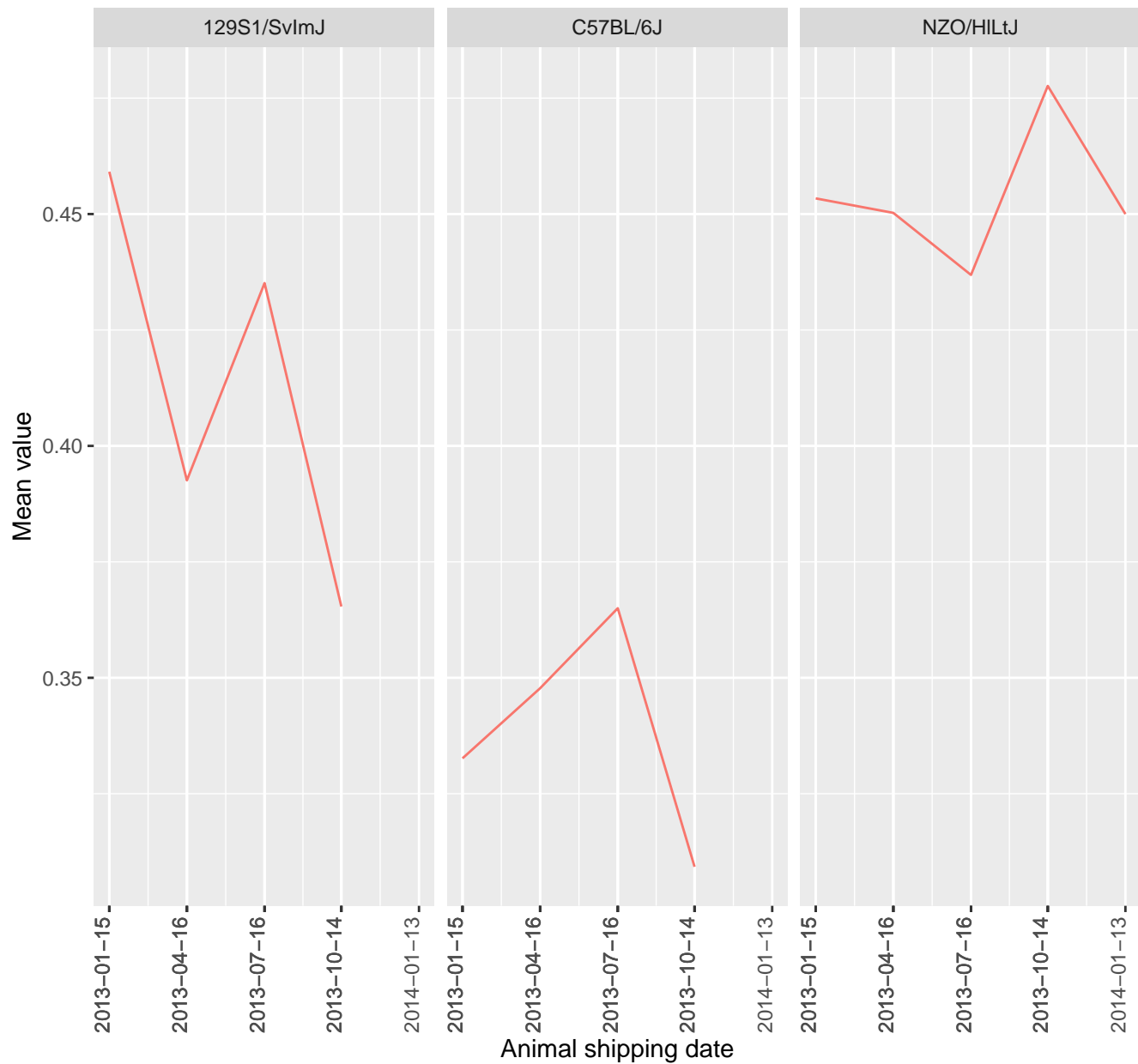


Procedure: GMC14

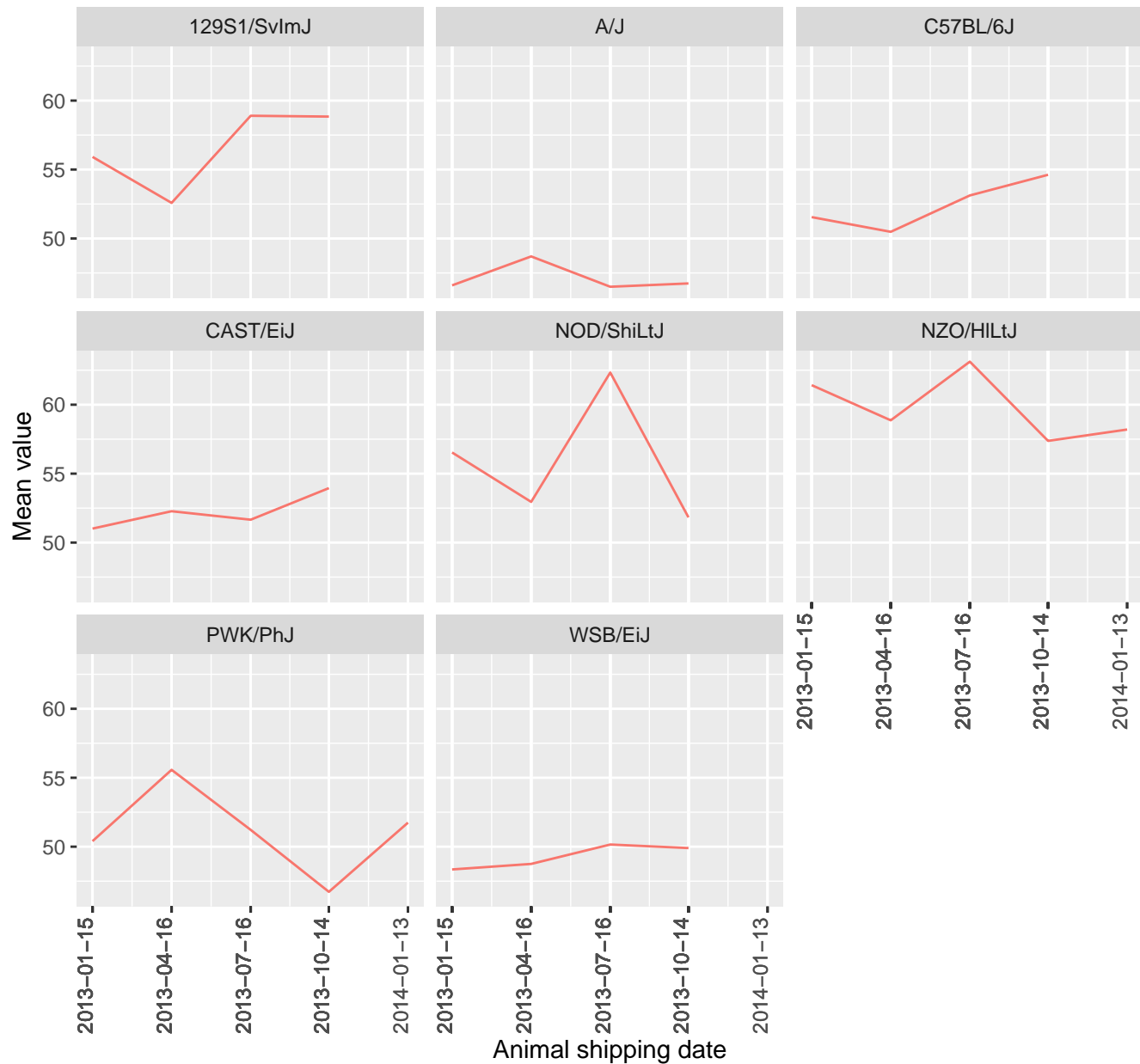
Parameter: retinal_thickness_R



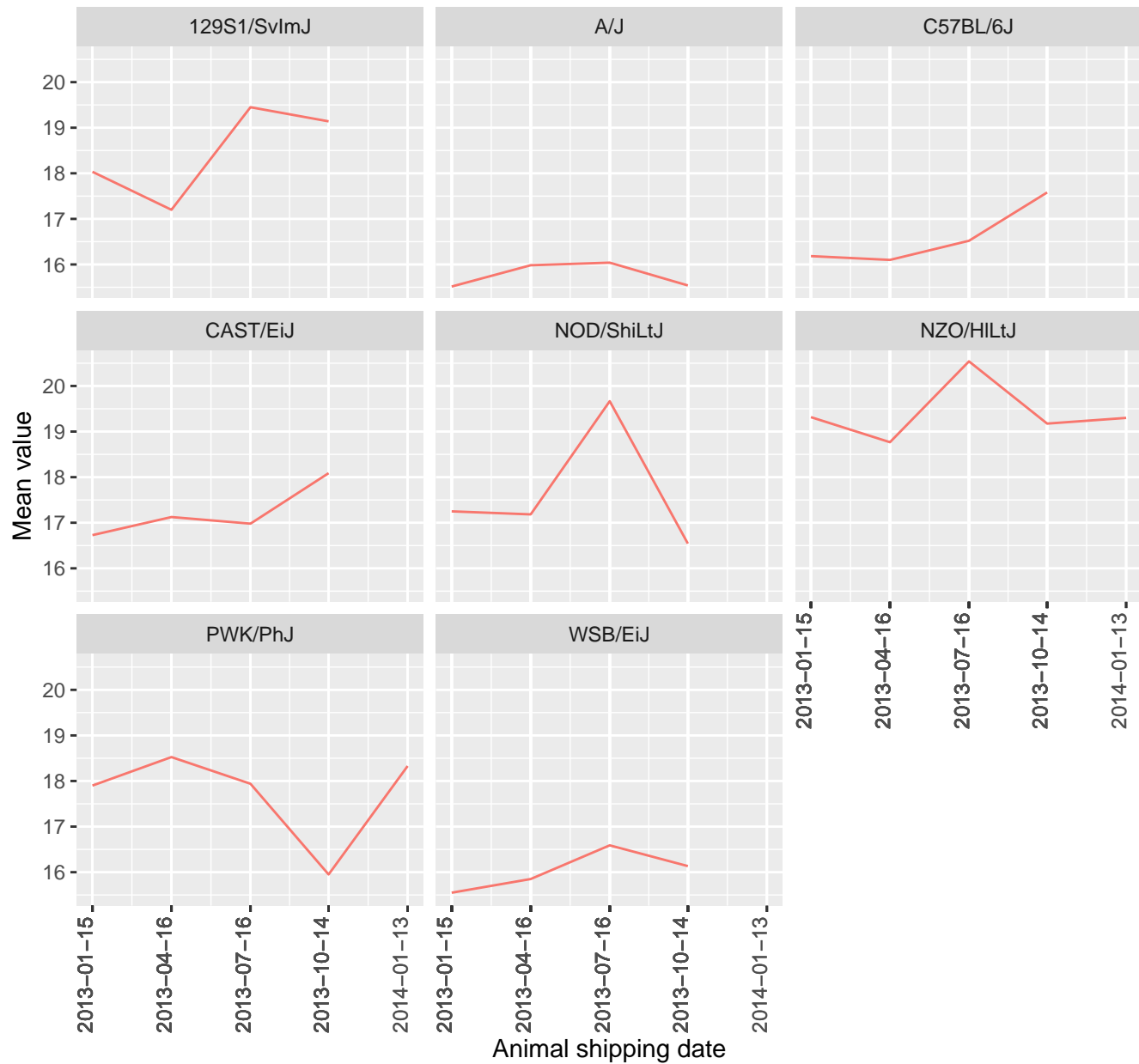
Procedure: GMC14
Parameter: spatial_freq



Procedure: GMC15
Parameter: HCT

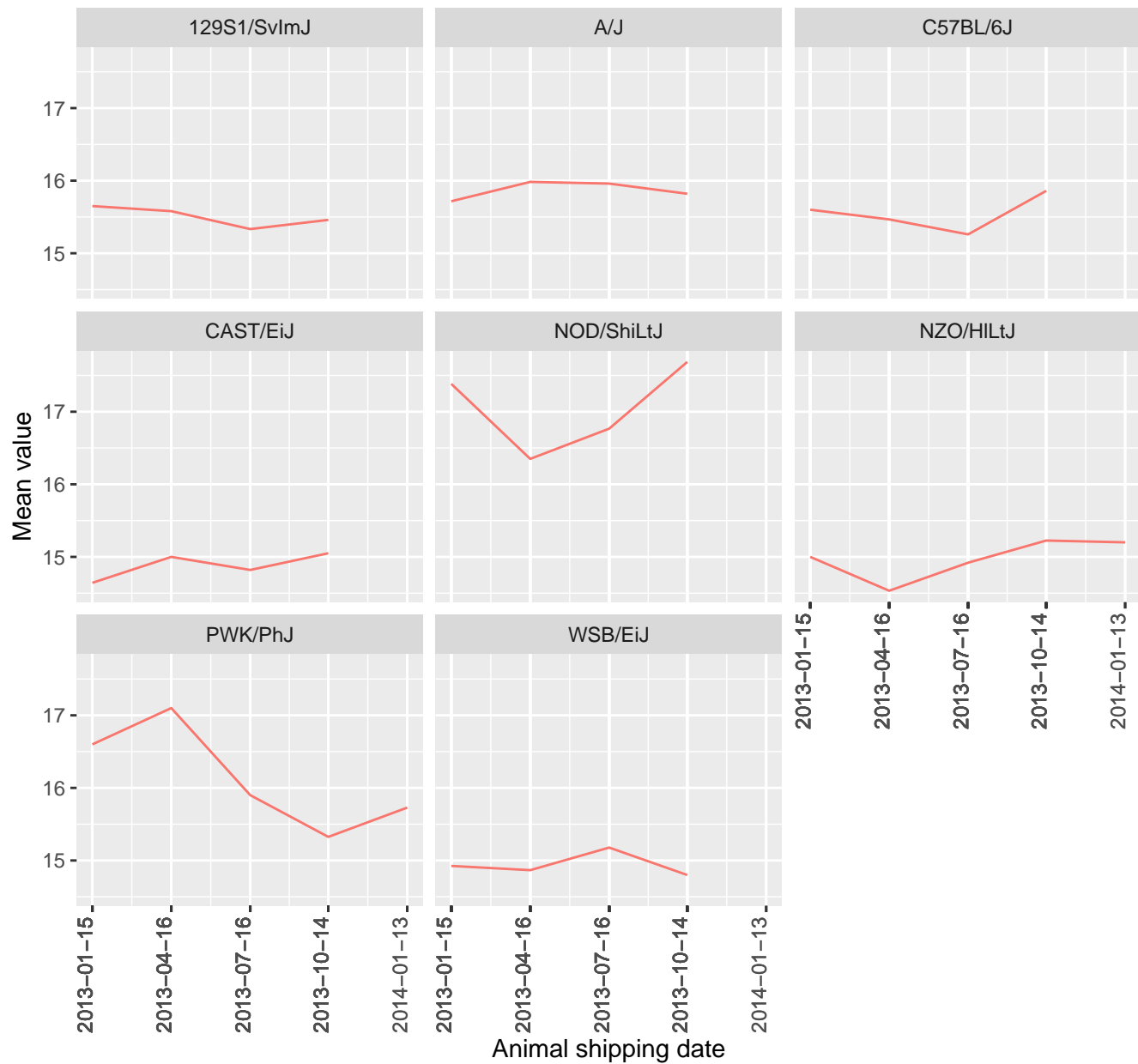


Procedure: GMC15
Parameter: HGB

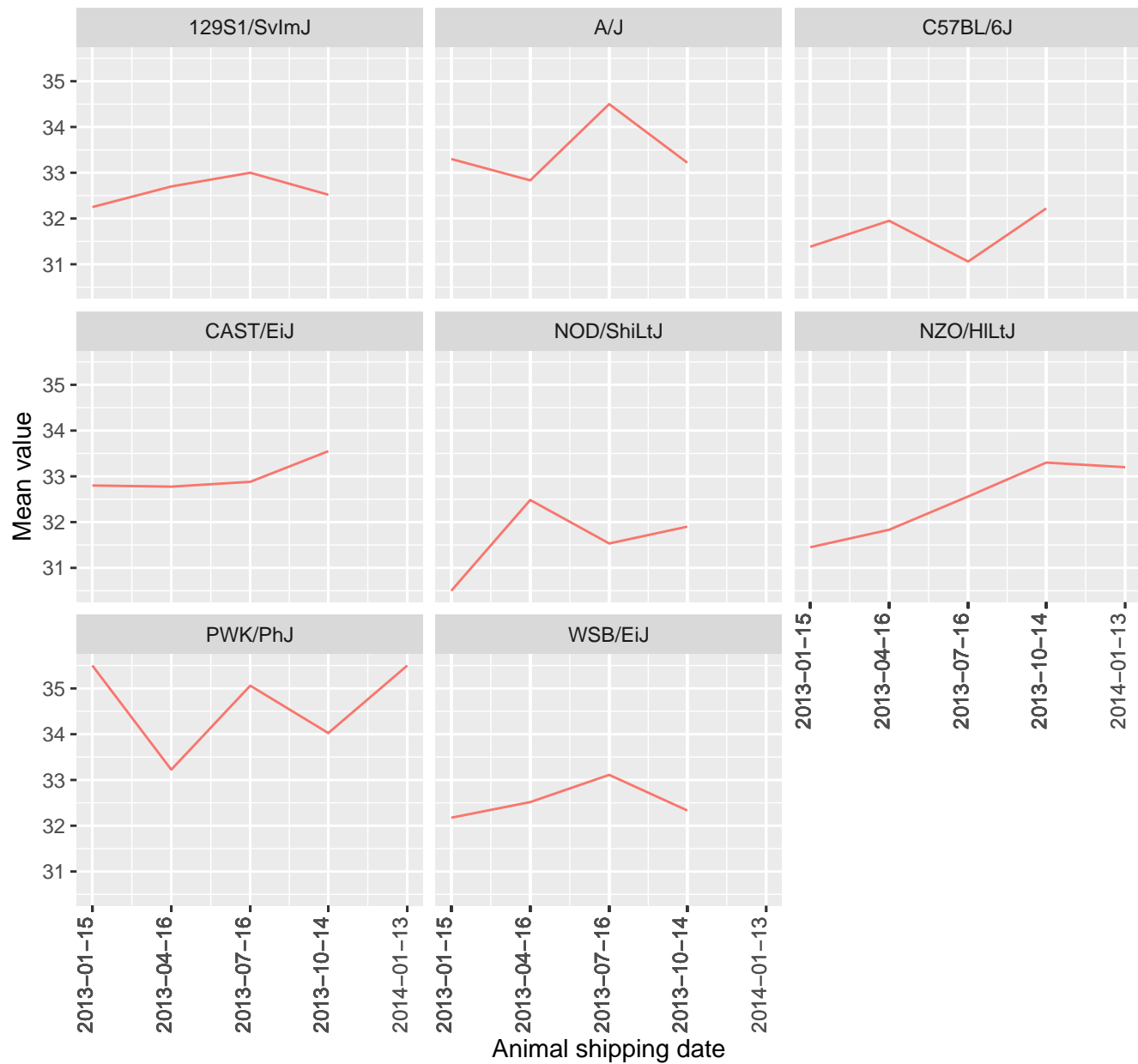


Procedure: GMC15

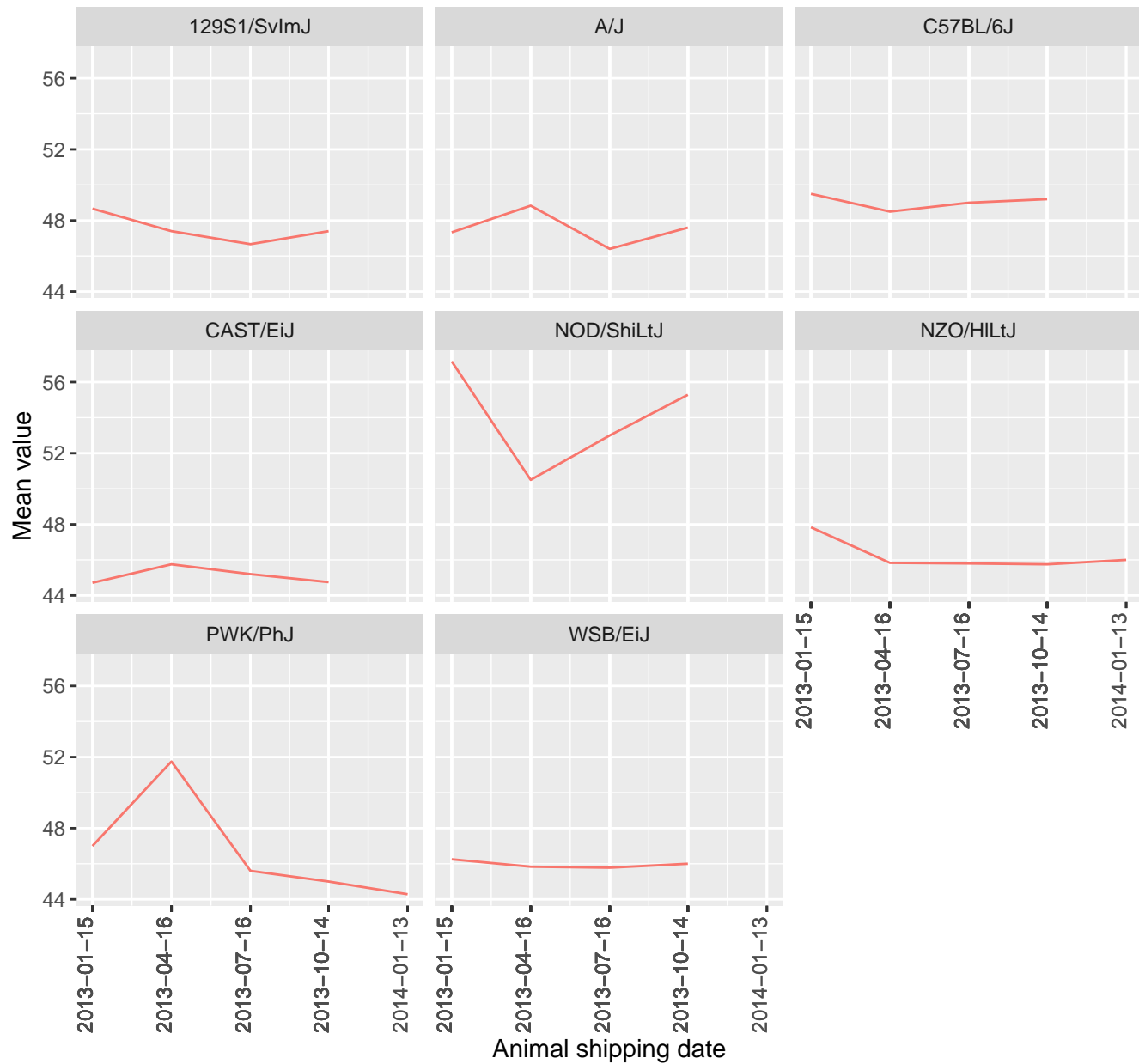
Parameter: MCH



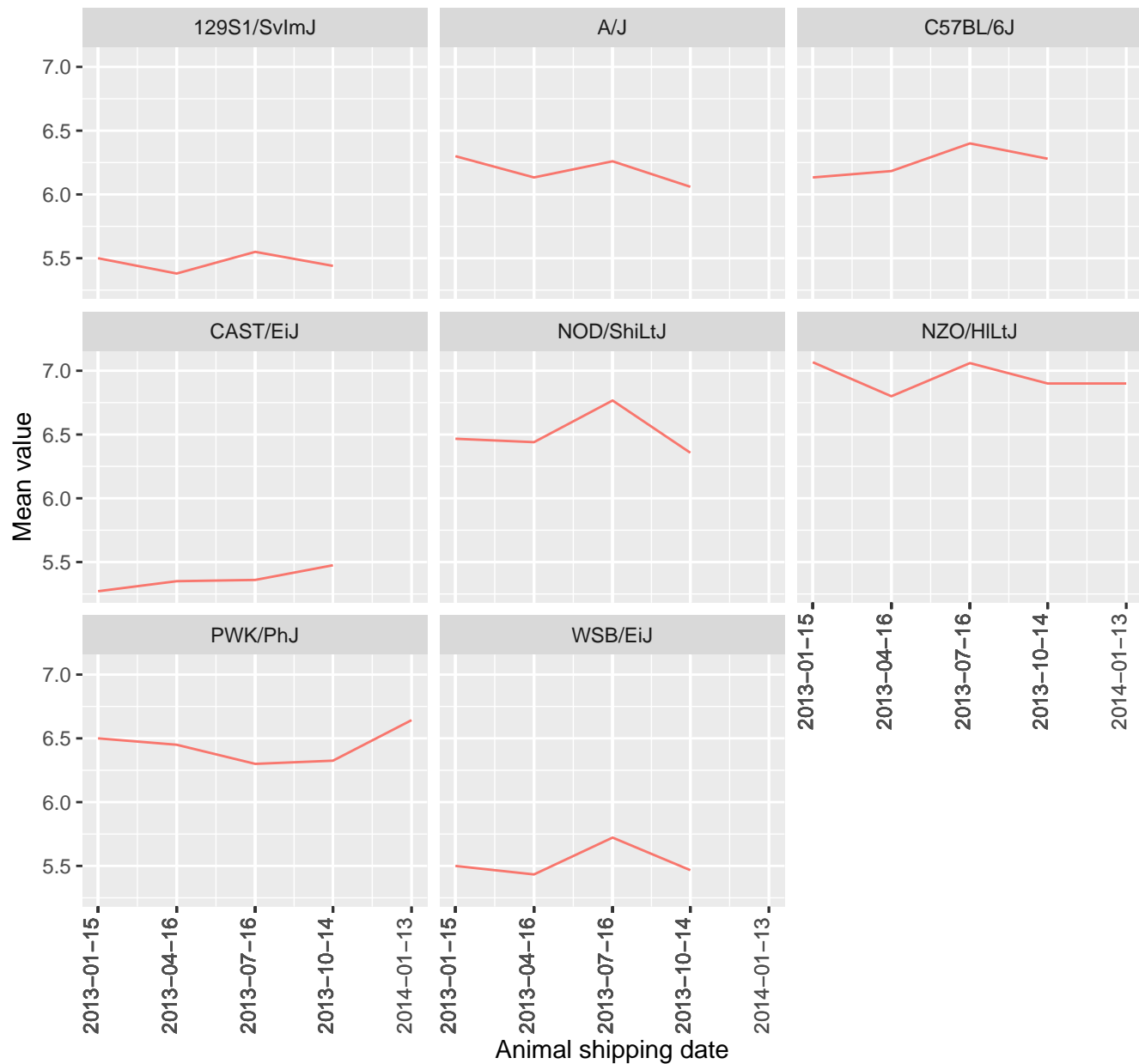
Procedure: GMC15
Parameter: MCHC



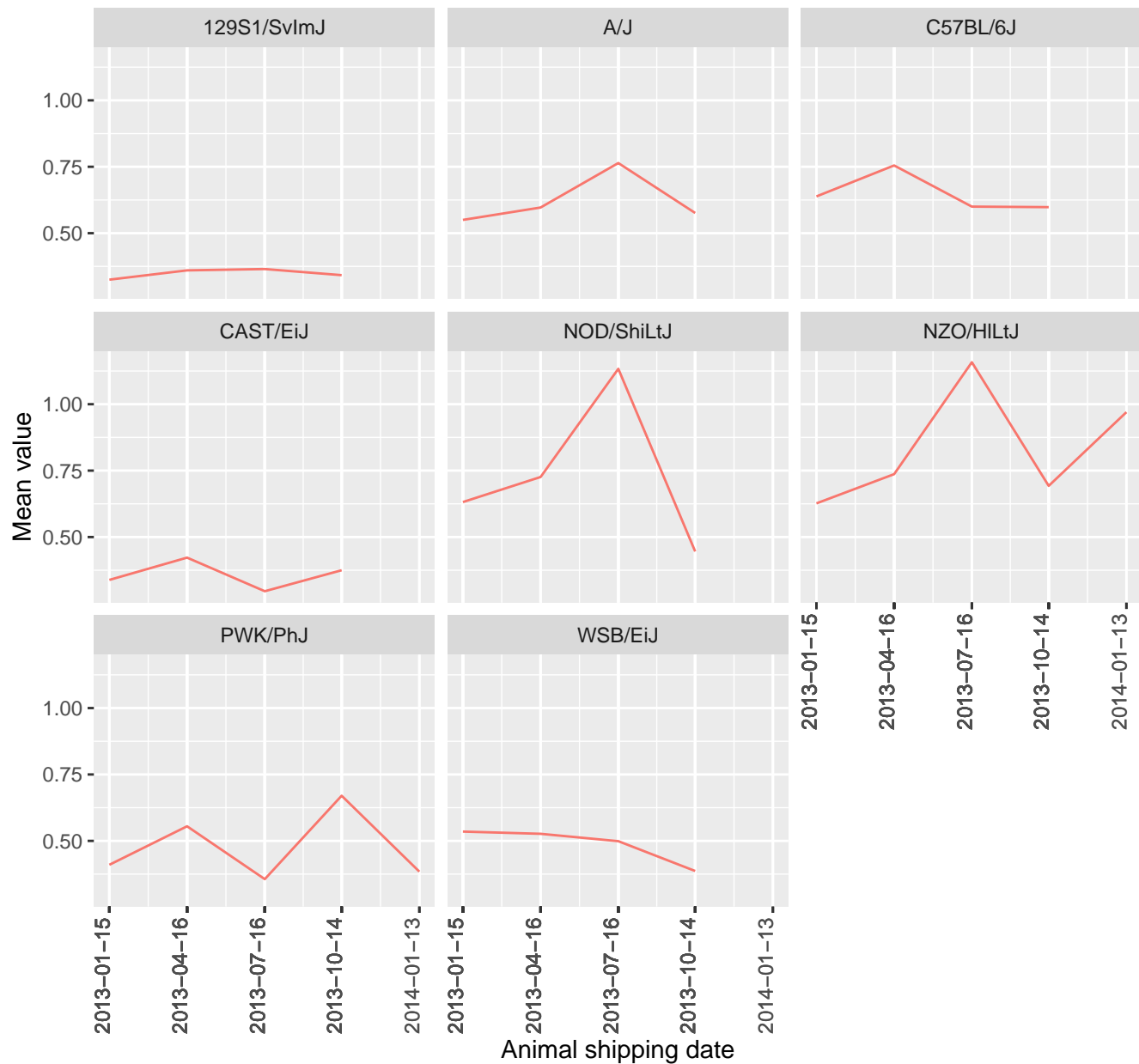
Procedure: GMC15
Parameter: MCV



Procedure: GMC15
Parameter: MPV

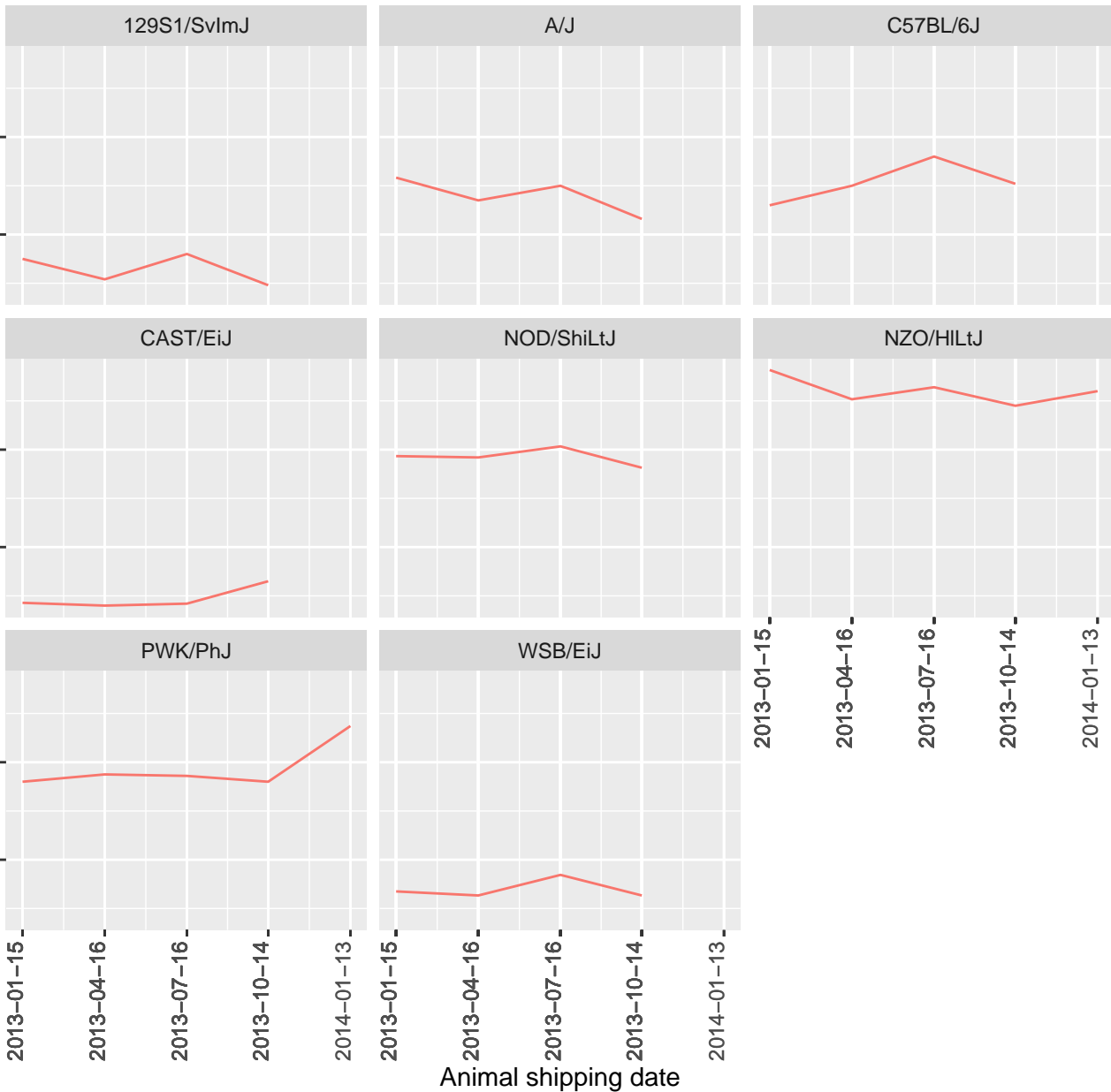


Procedure: GMC15
Parameter: PCT



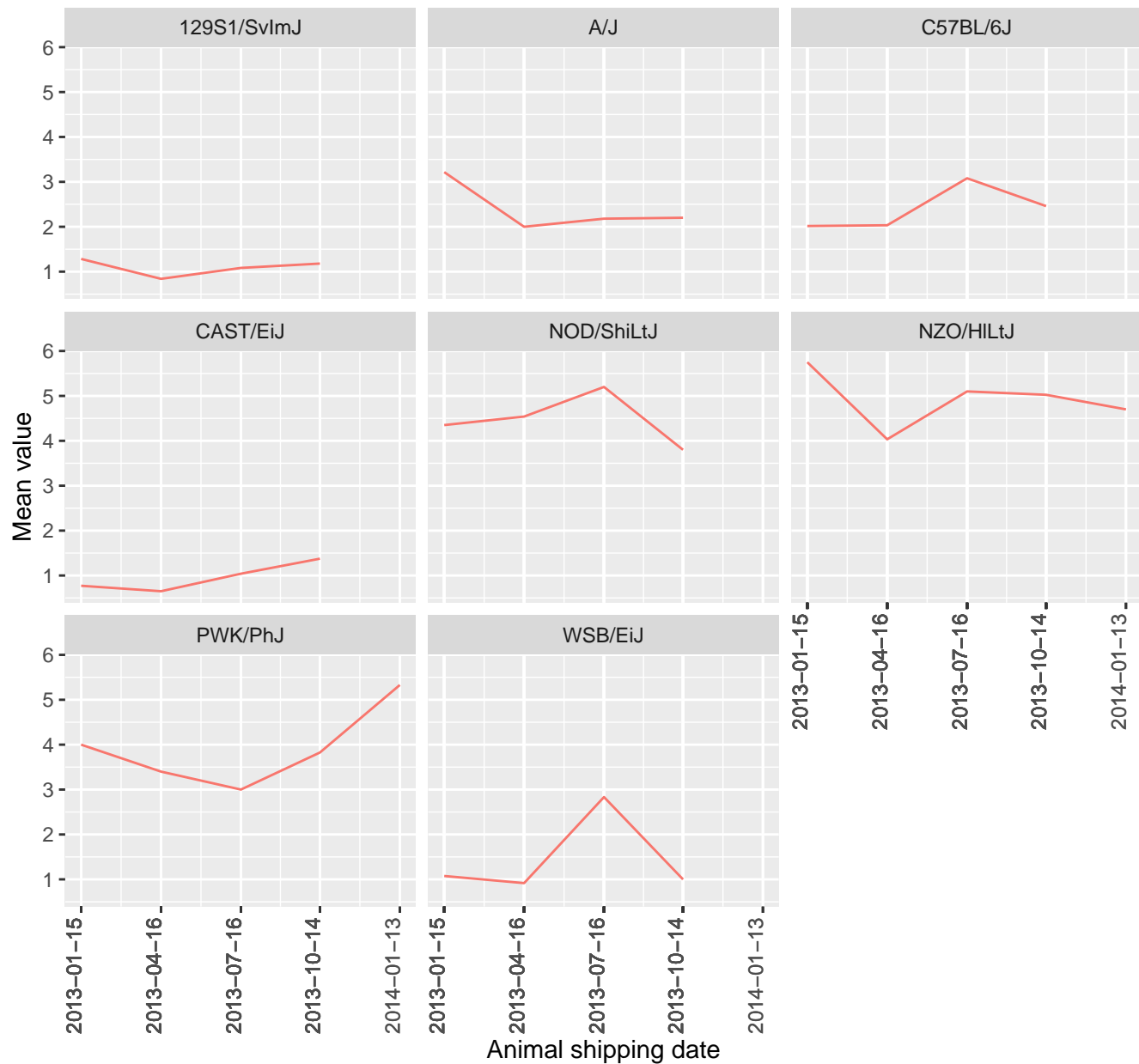
Procedure: GMC15

Parameter: PDW

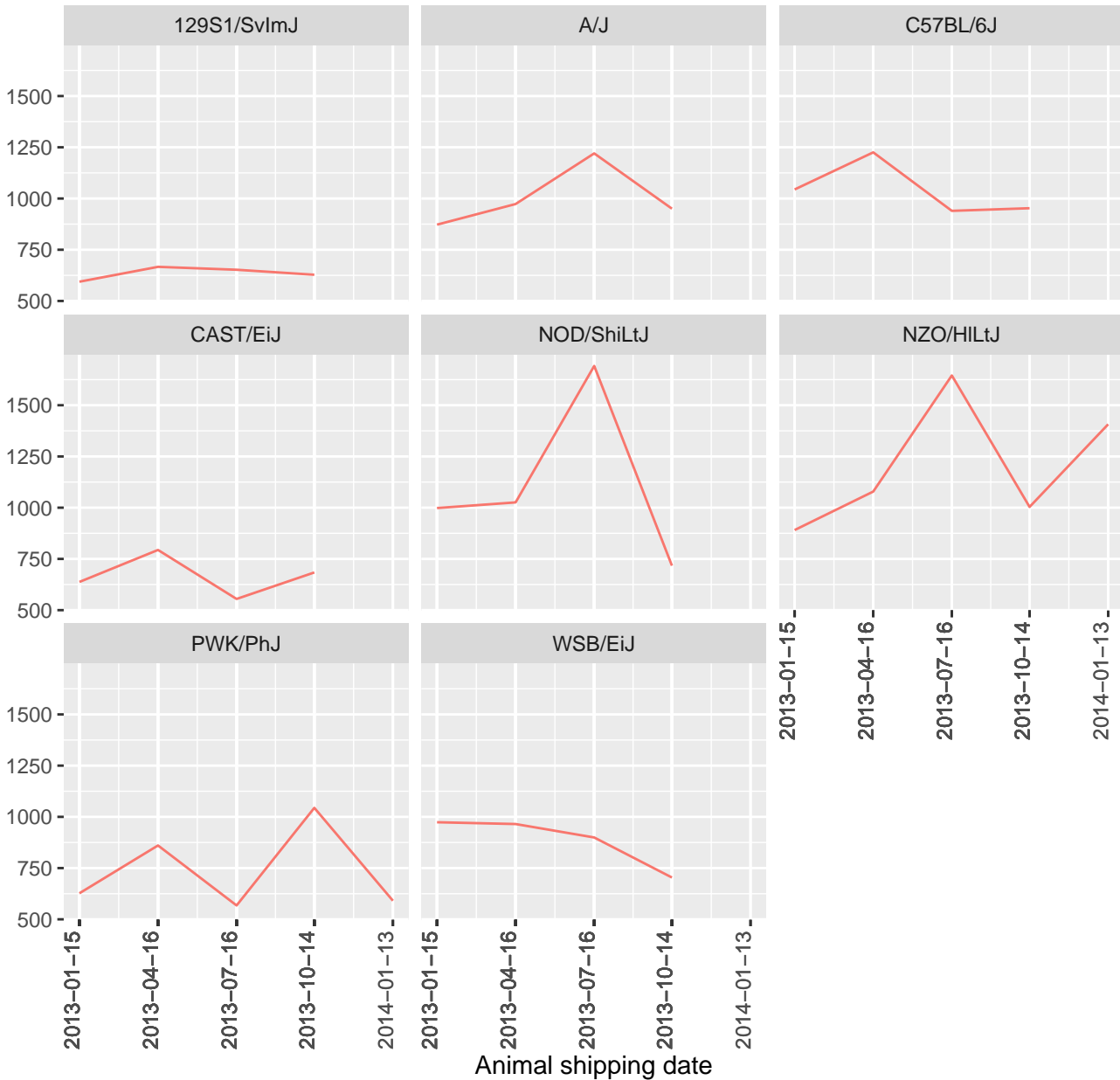


Procedure: GMC15

Parameter: PLCR

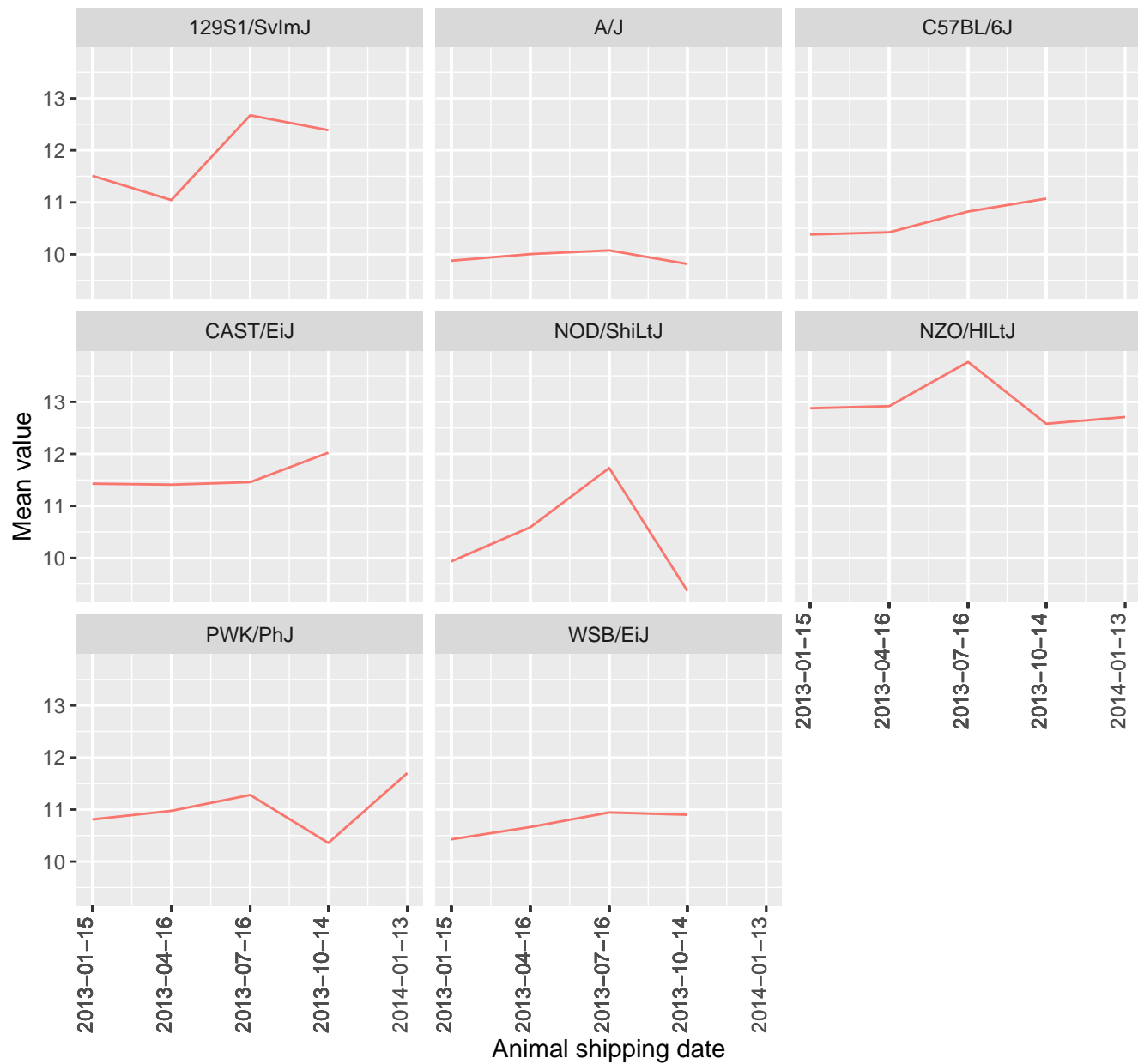


Procedure: GMC15
Parameter: PLT

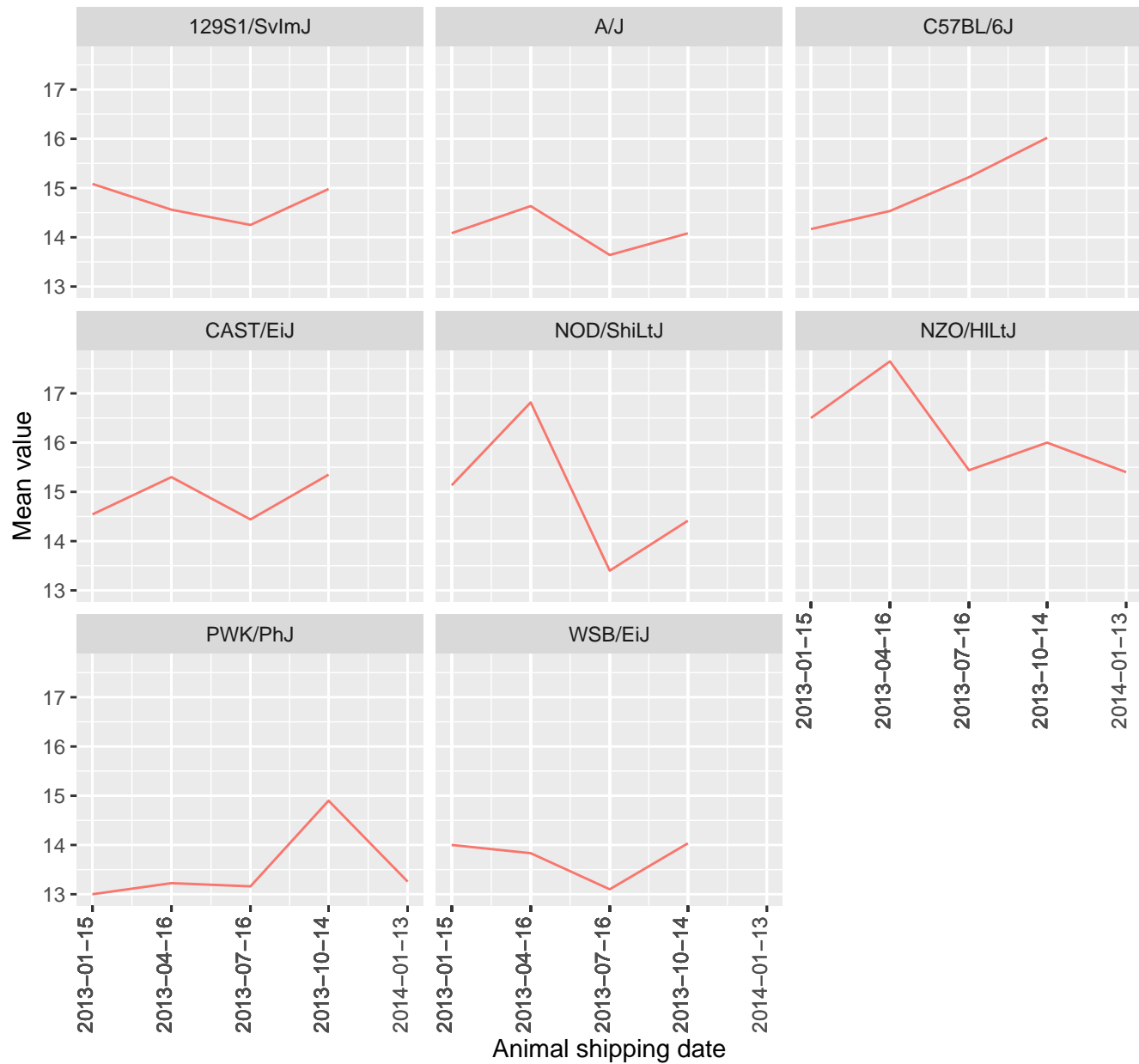


Procedure: GMC15

Parameter: RBC

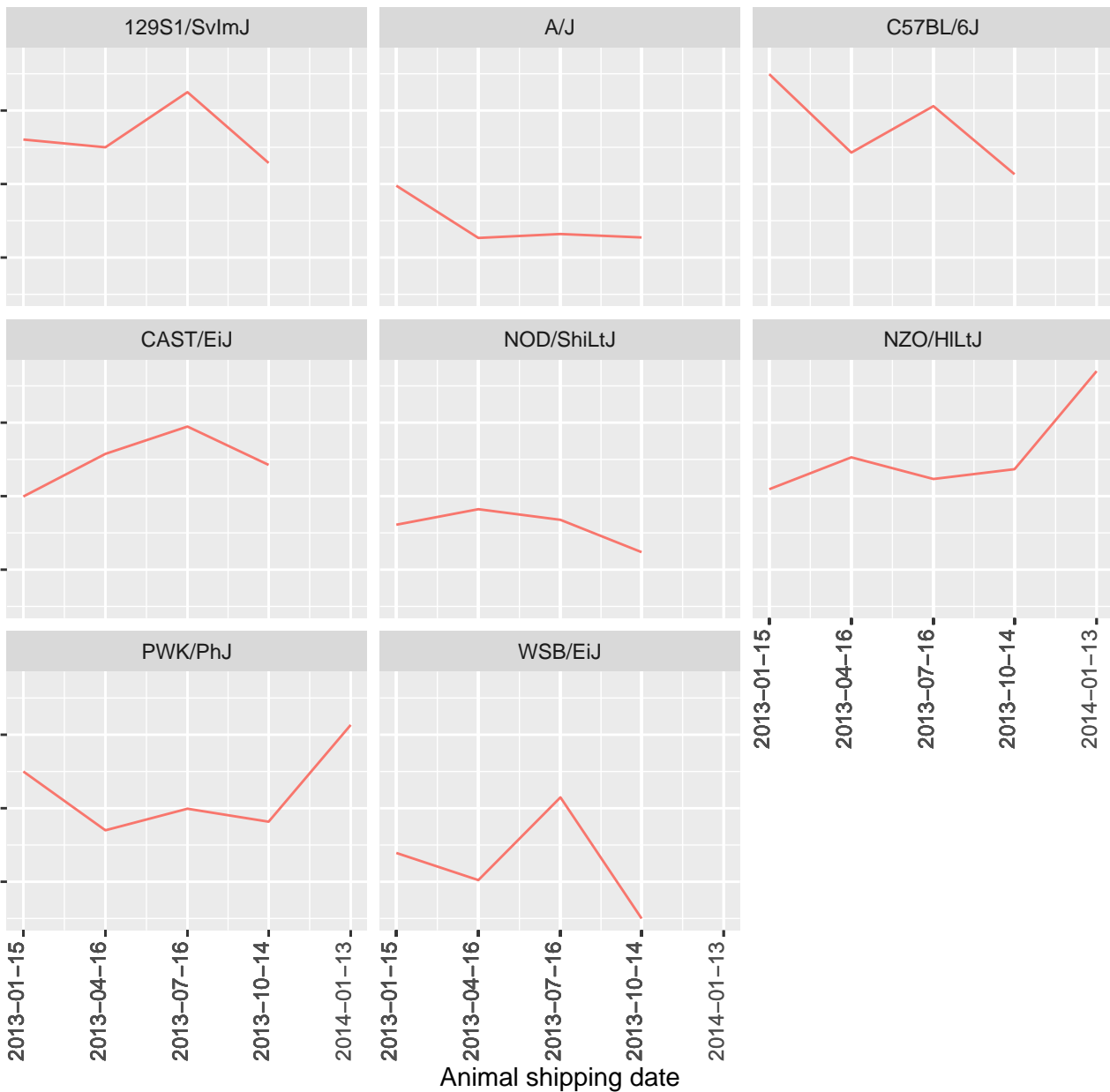


Procedure: GMC15
Parameter: RDW

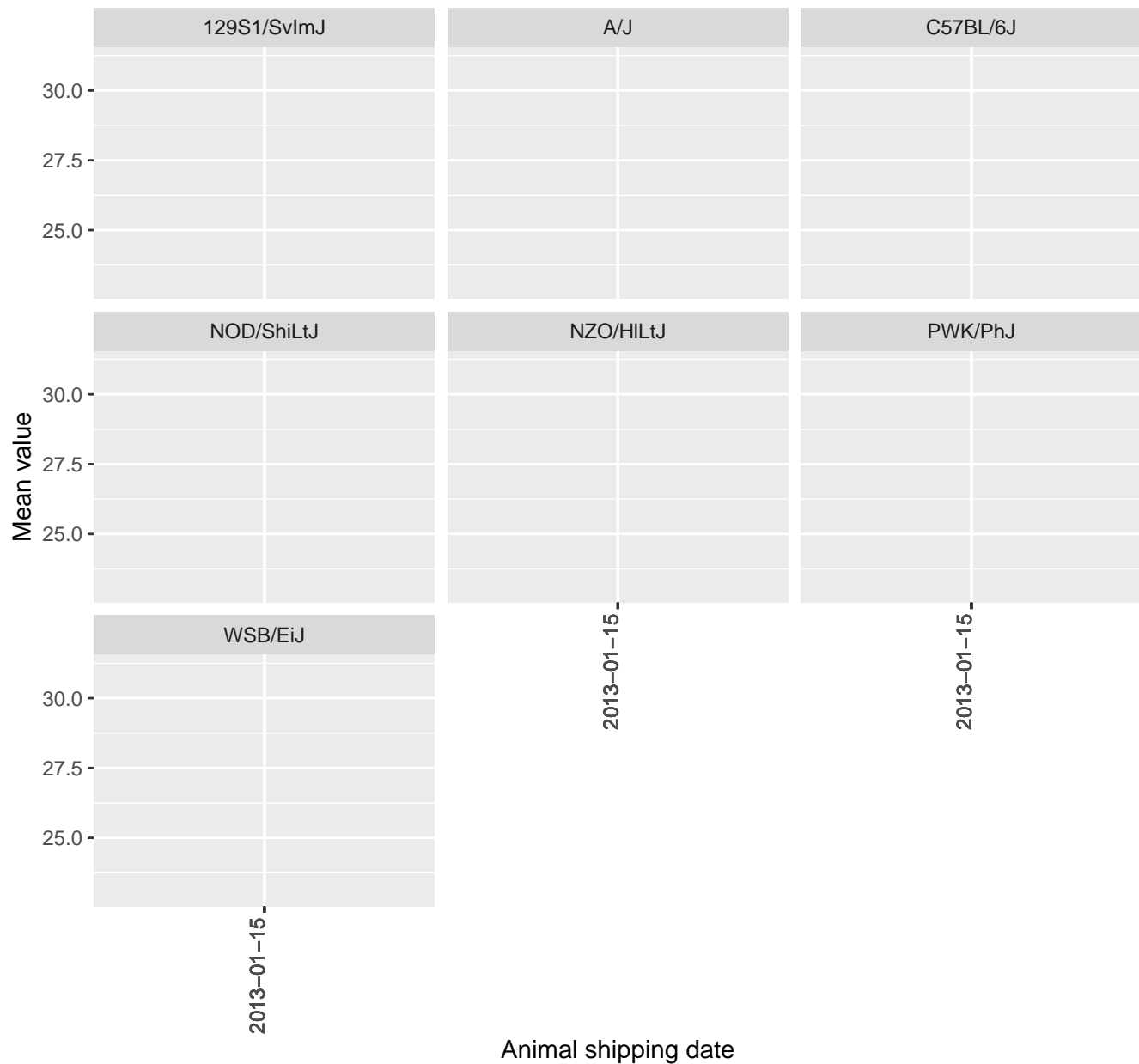


Procedure: GMC15

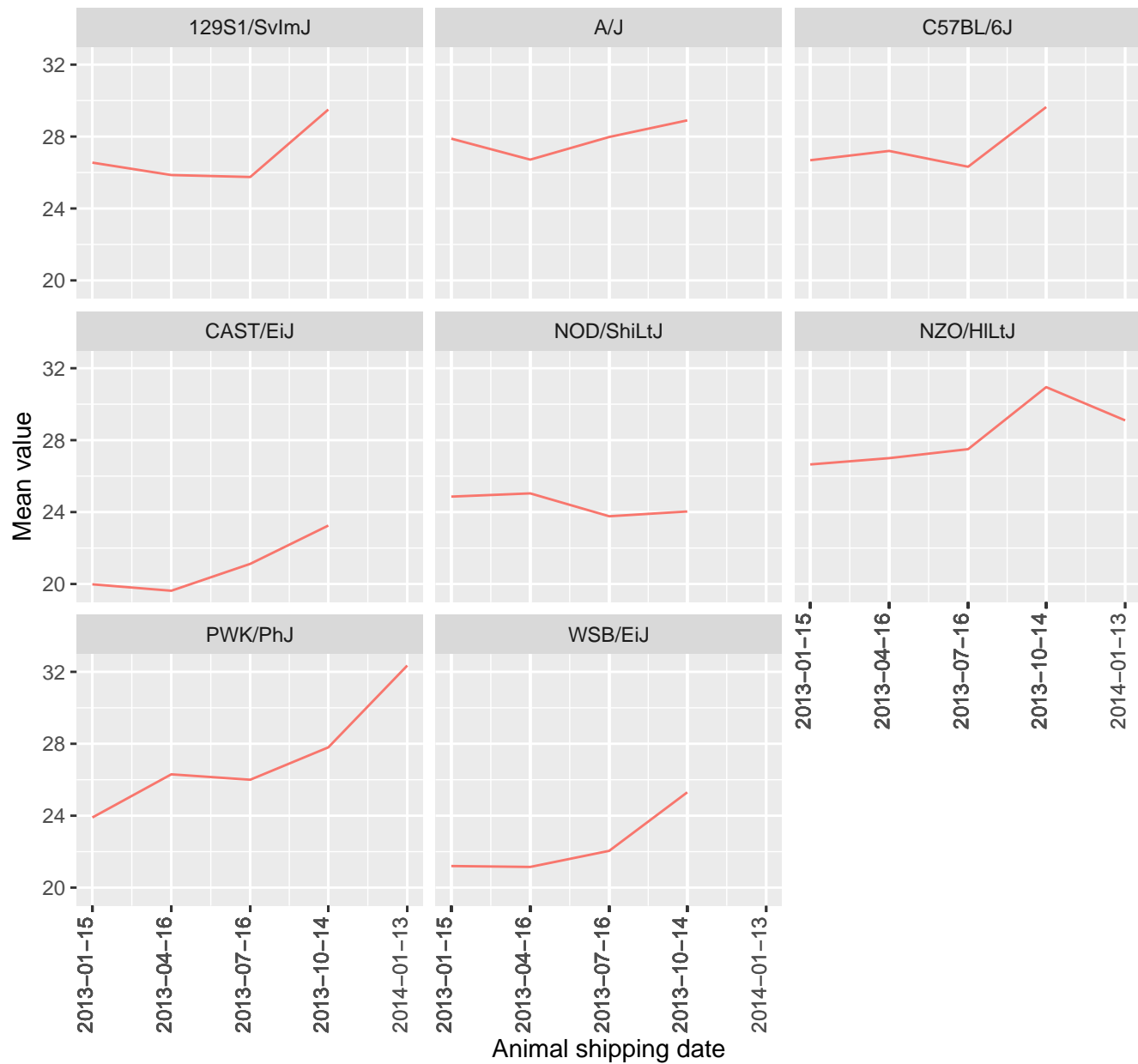
Parameter: WBC



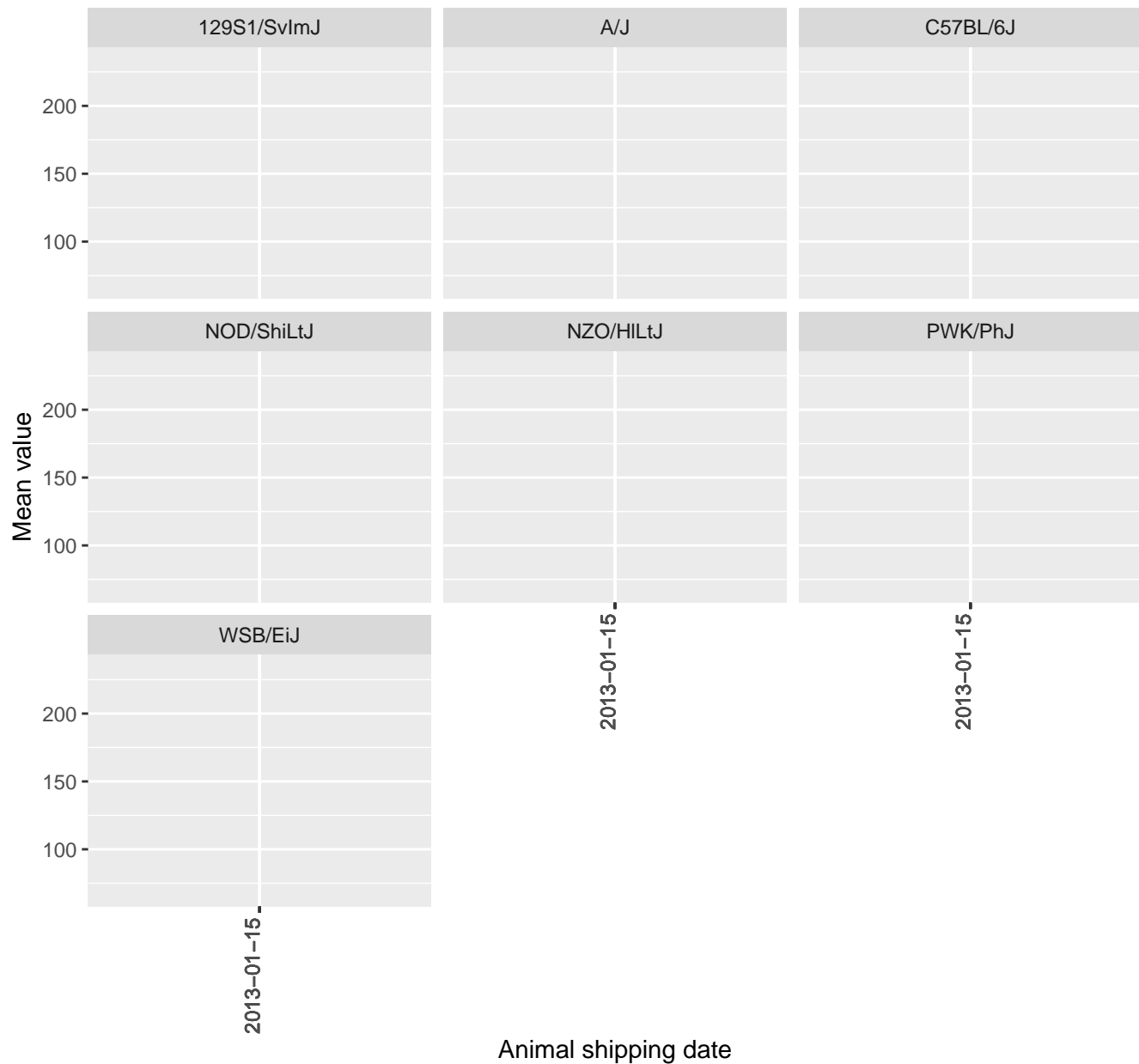
Procedure: GMC16
Parameter: albumin_17



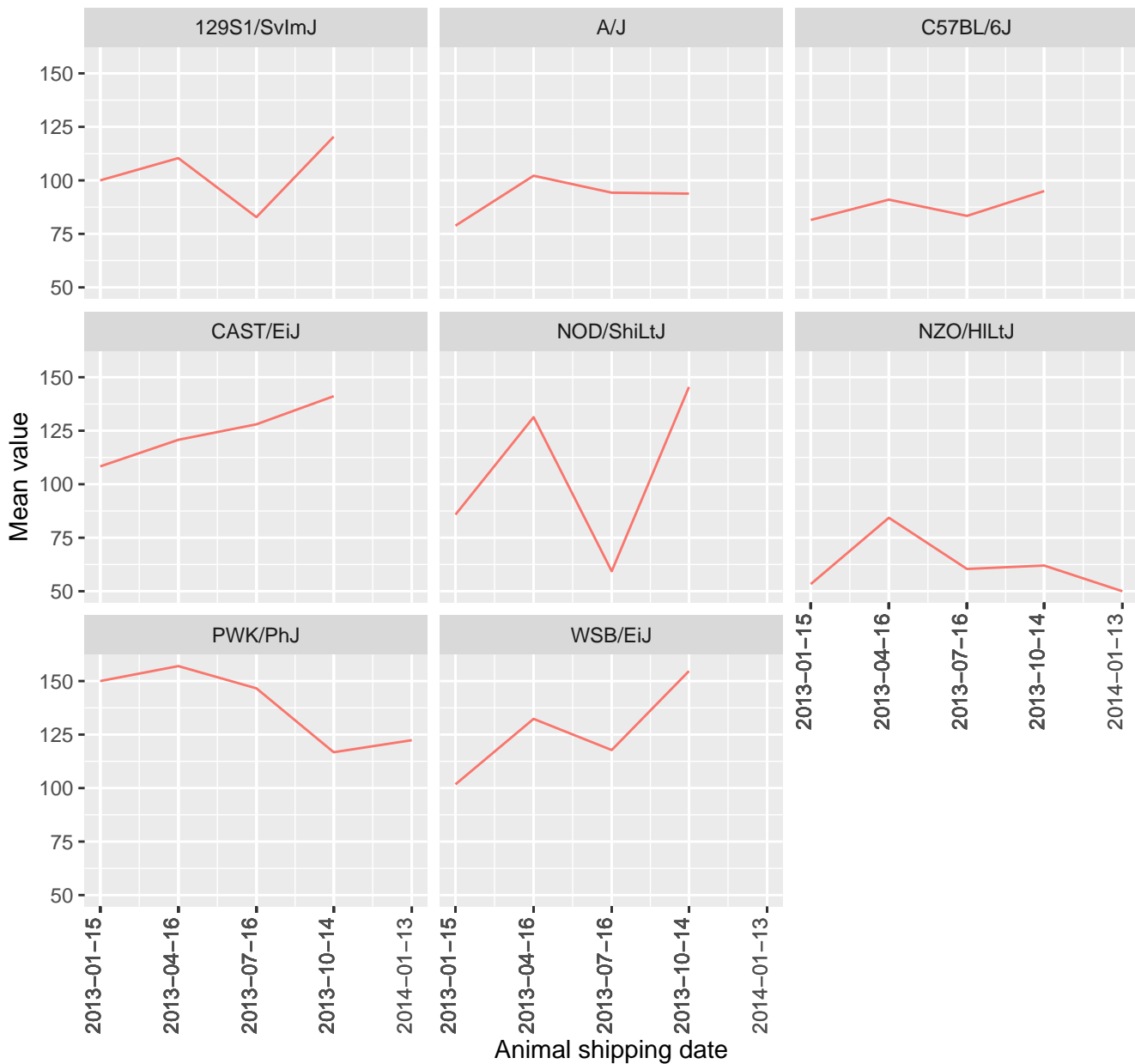
Procedure: GMC16
Parameter: albumin_21



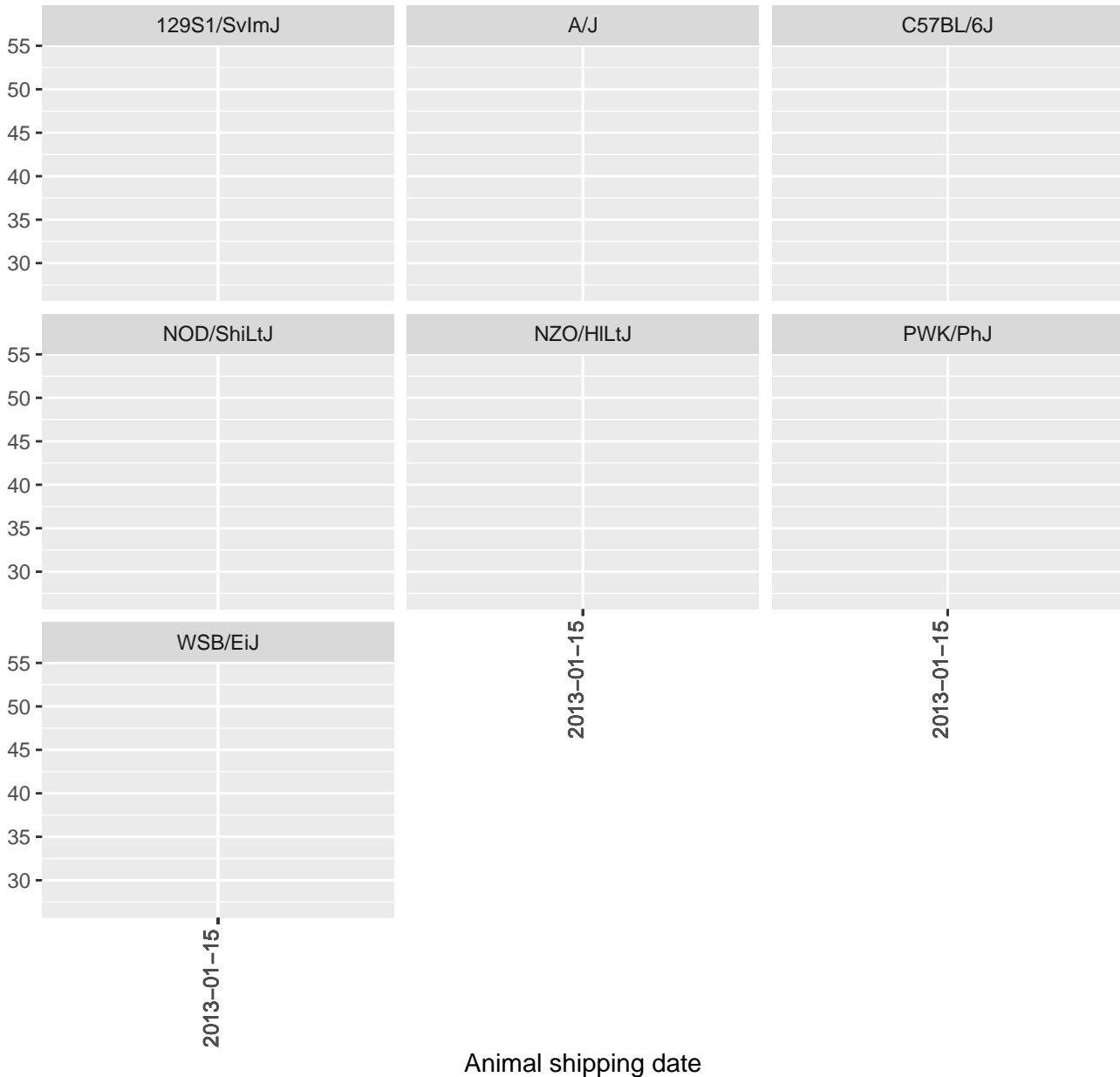
Procedure: GMC16
Parameter: ALP_17



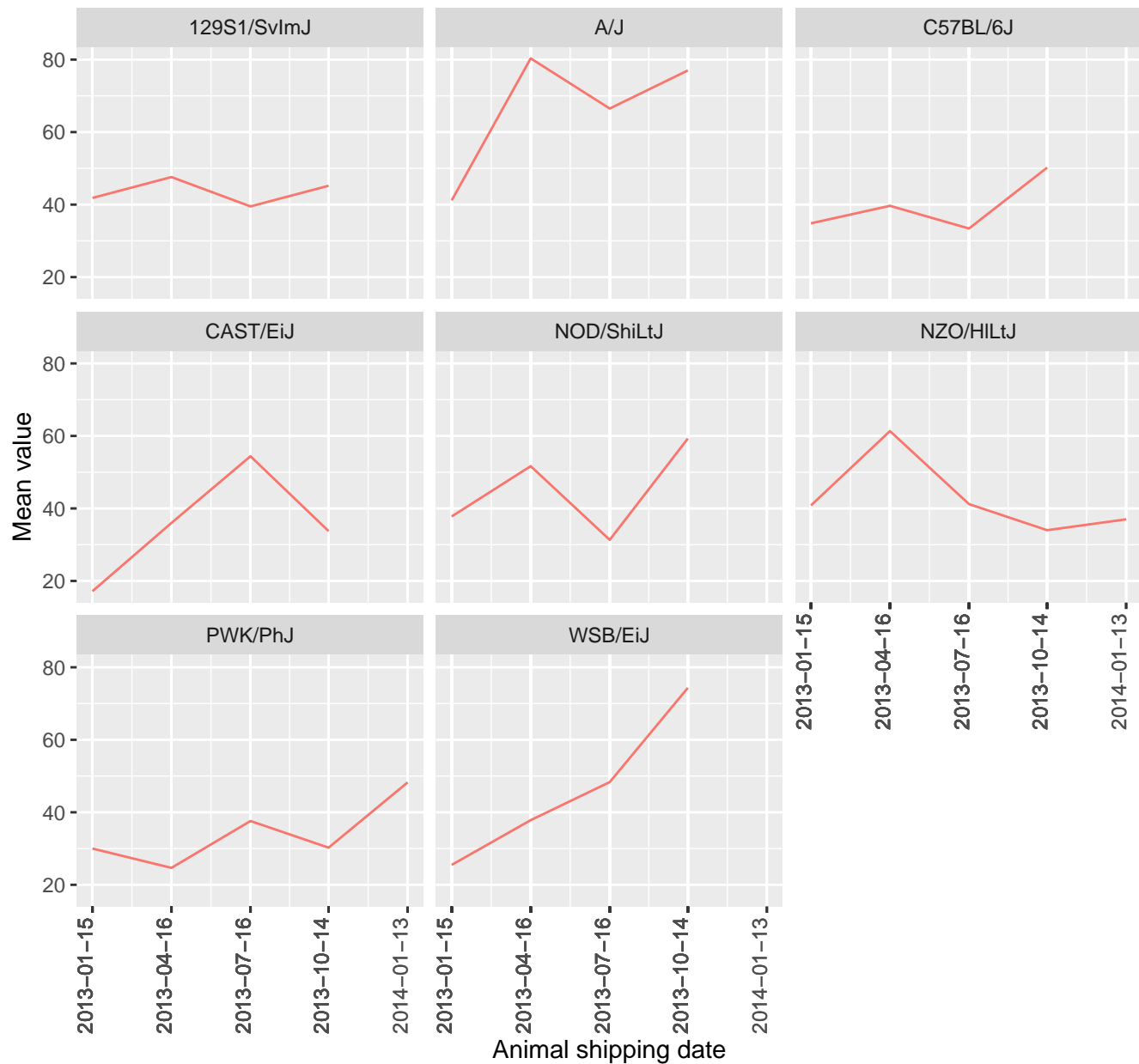
Procedure: GMC16
Parameter: ALP_21



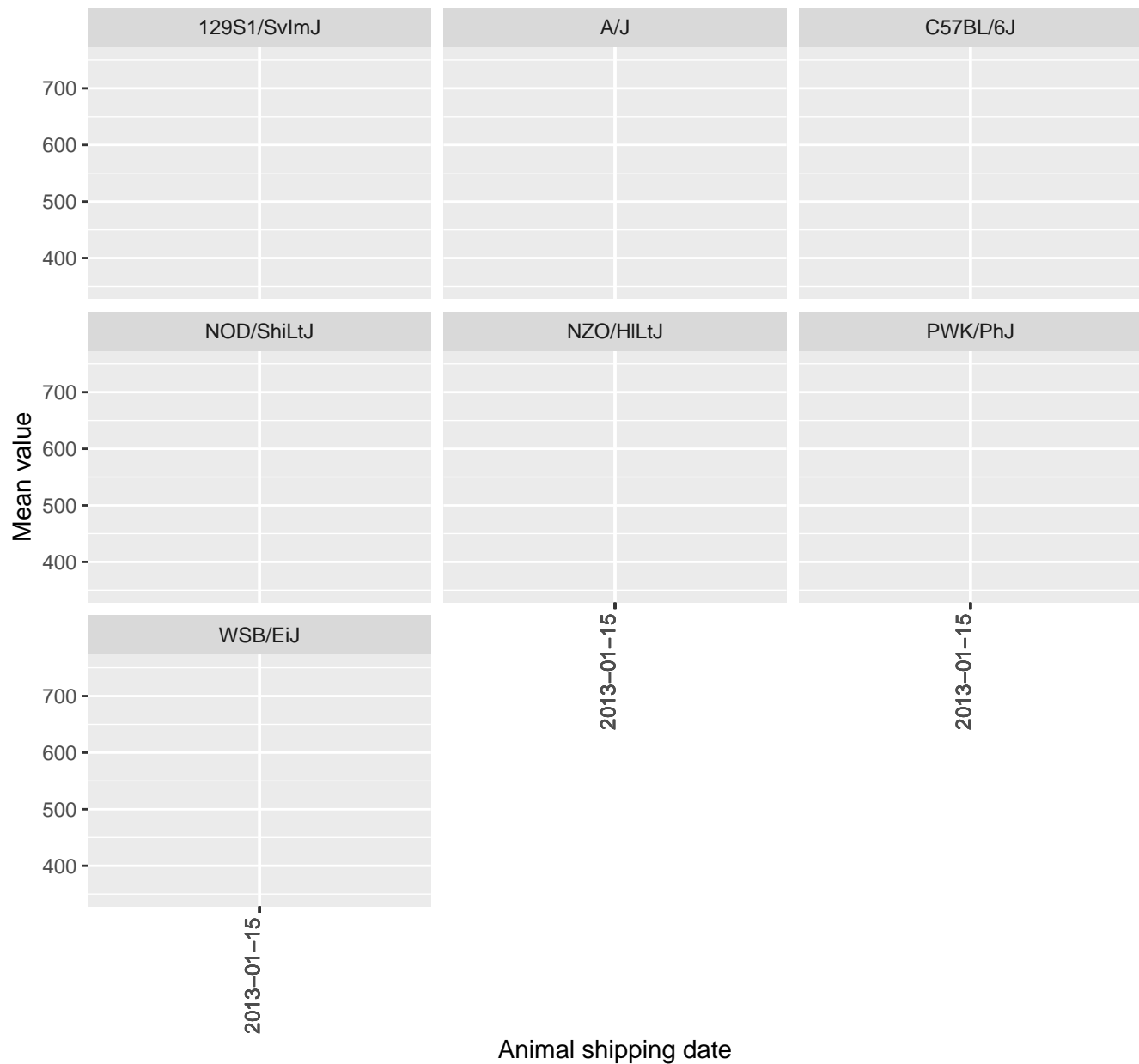
Procedure: GMC16
Parameter: ALT_17



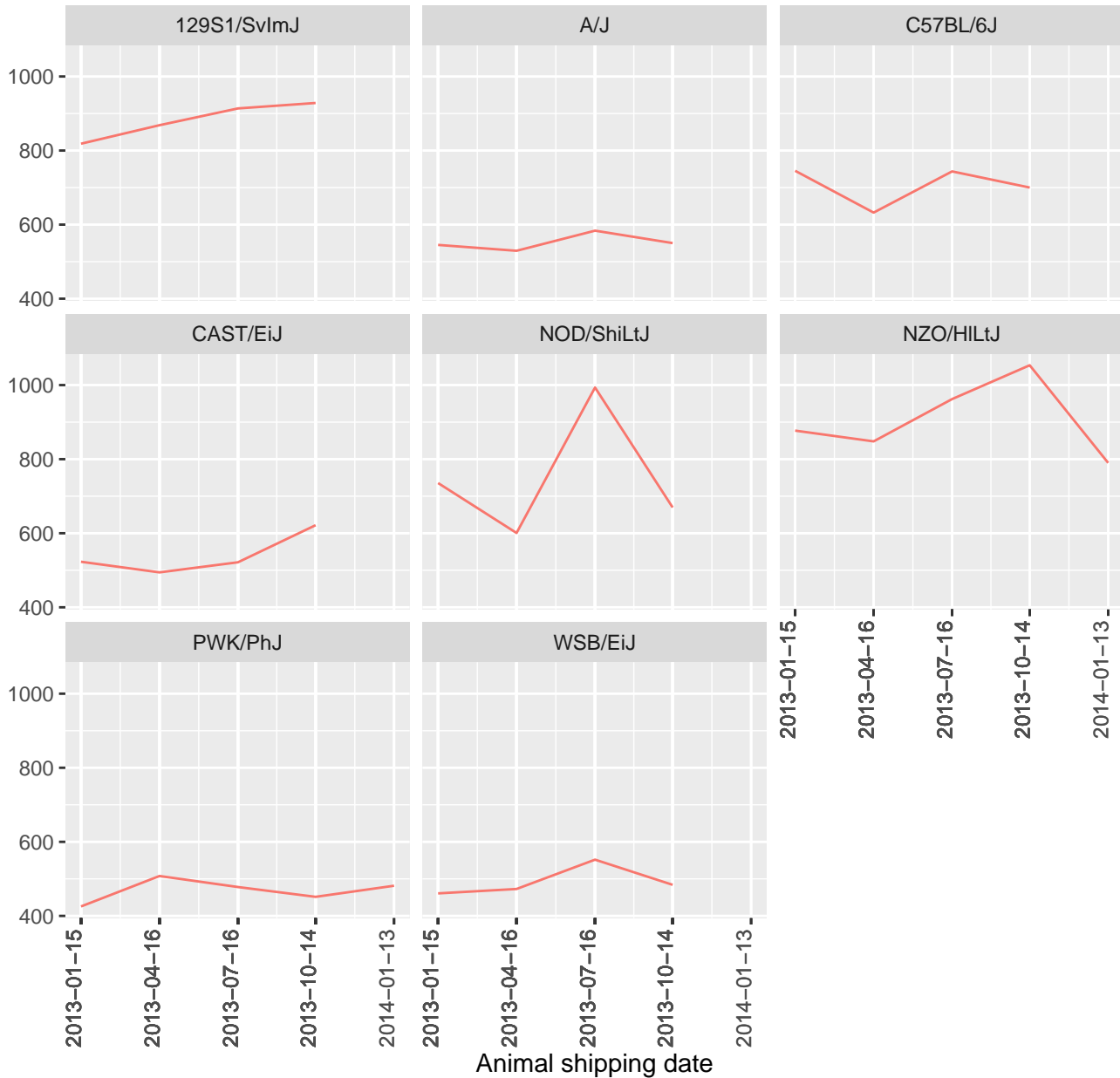
Procedure: GMC16
Parameter: ALT_21



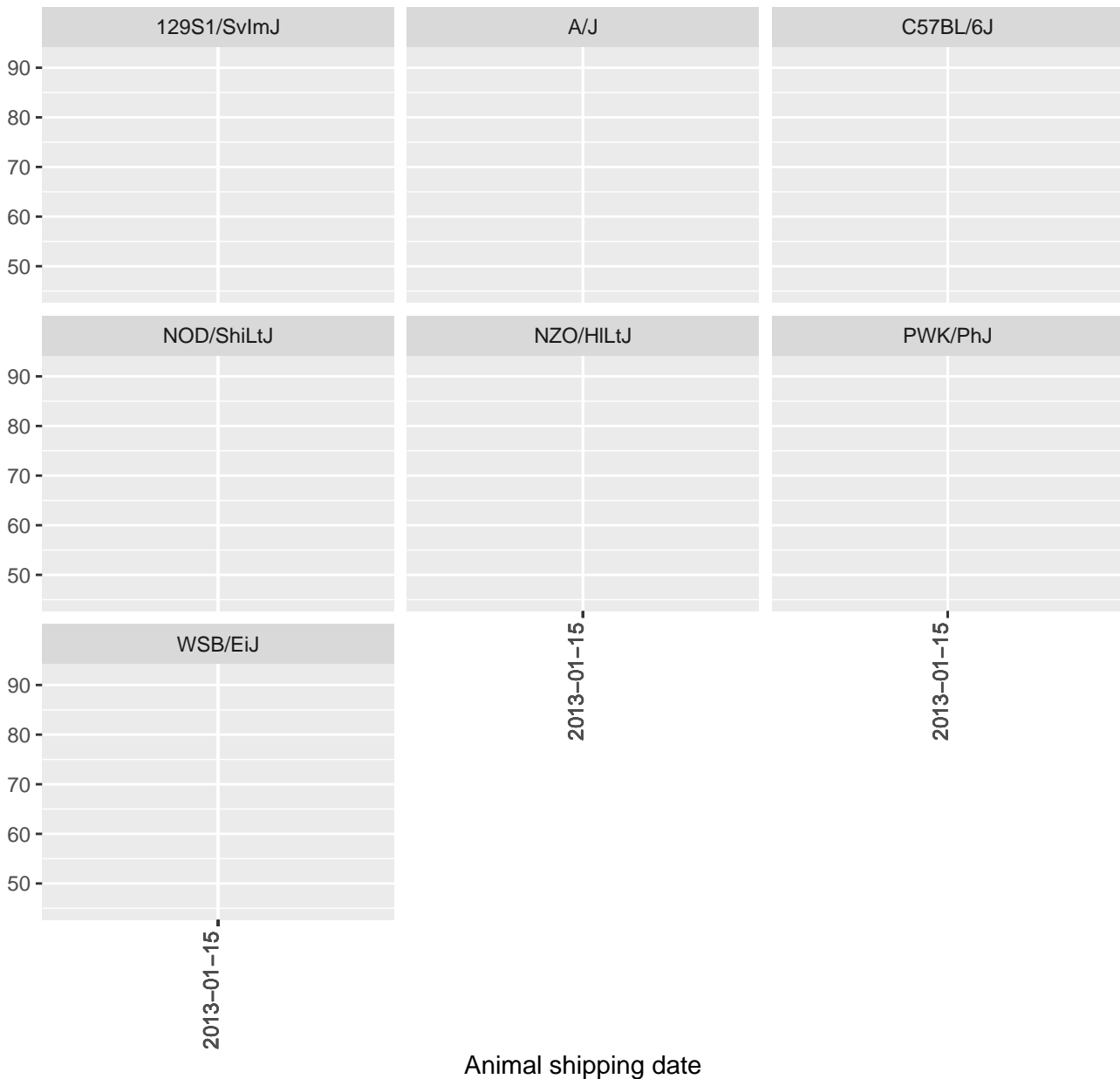
Procedure: GMC16
Parameter: amylase_17



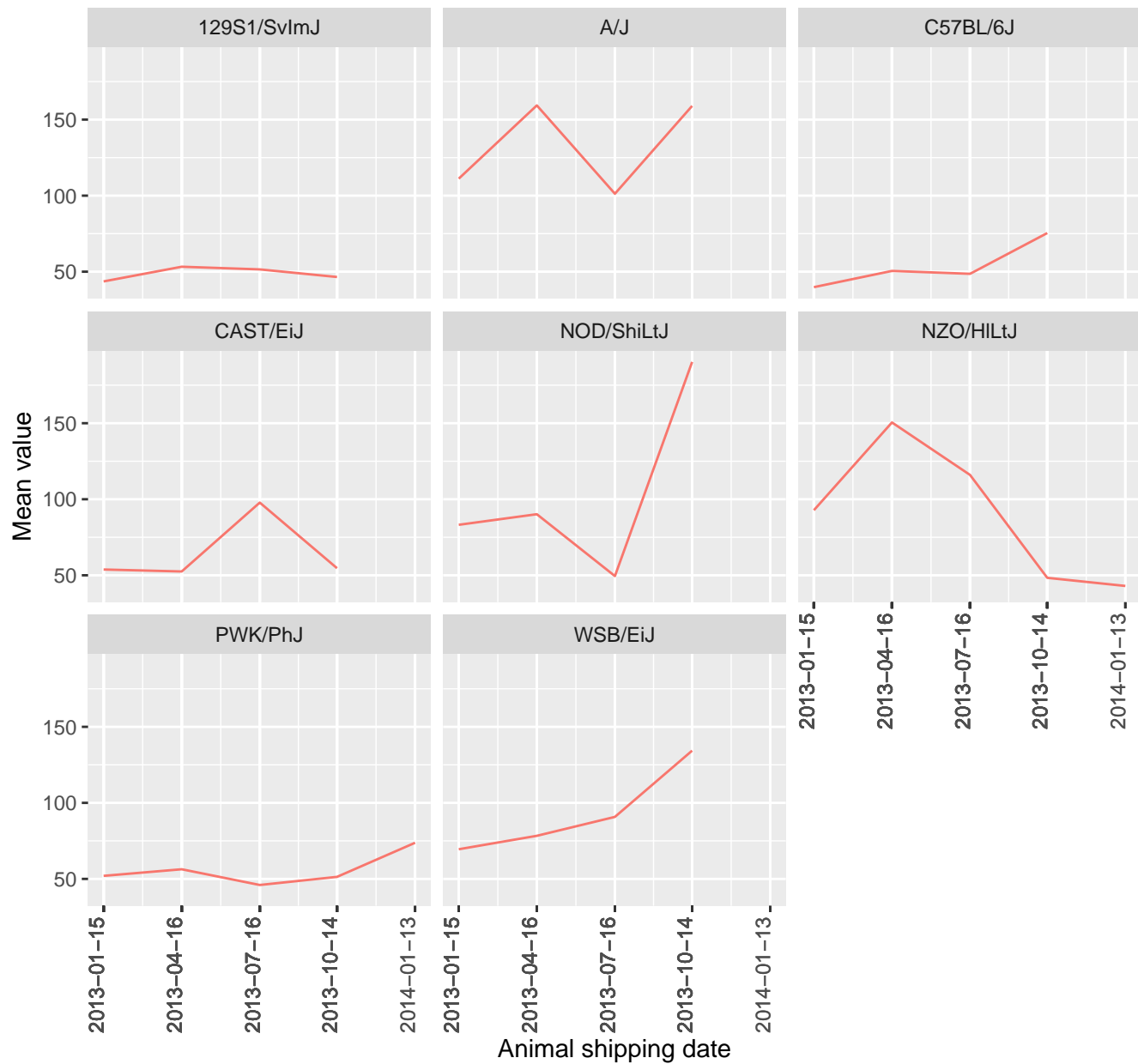
Procedure: GMC16
Parameter: amylase_21



Procedure: GMC16
Parameter: AST_17

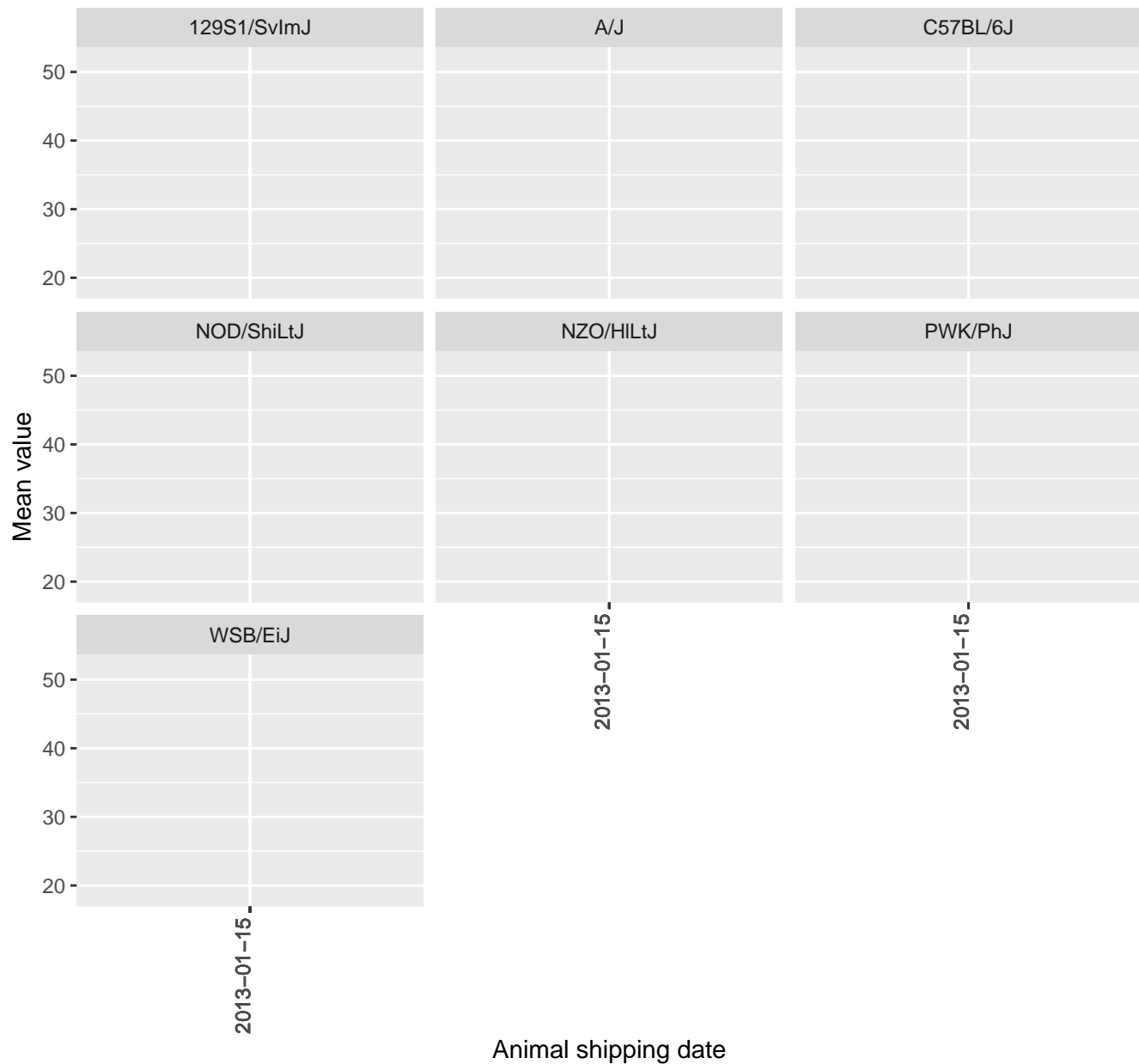


Procedure: GMC16
Parameter: AST_21



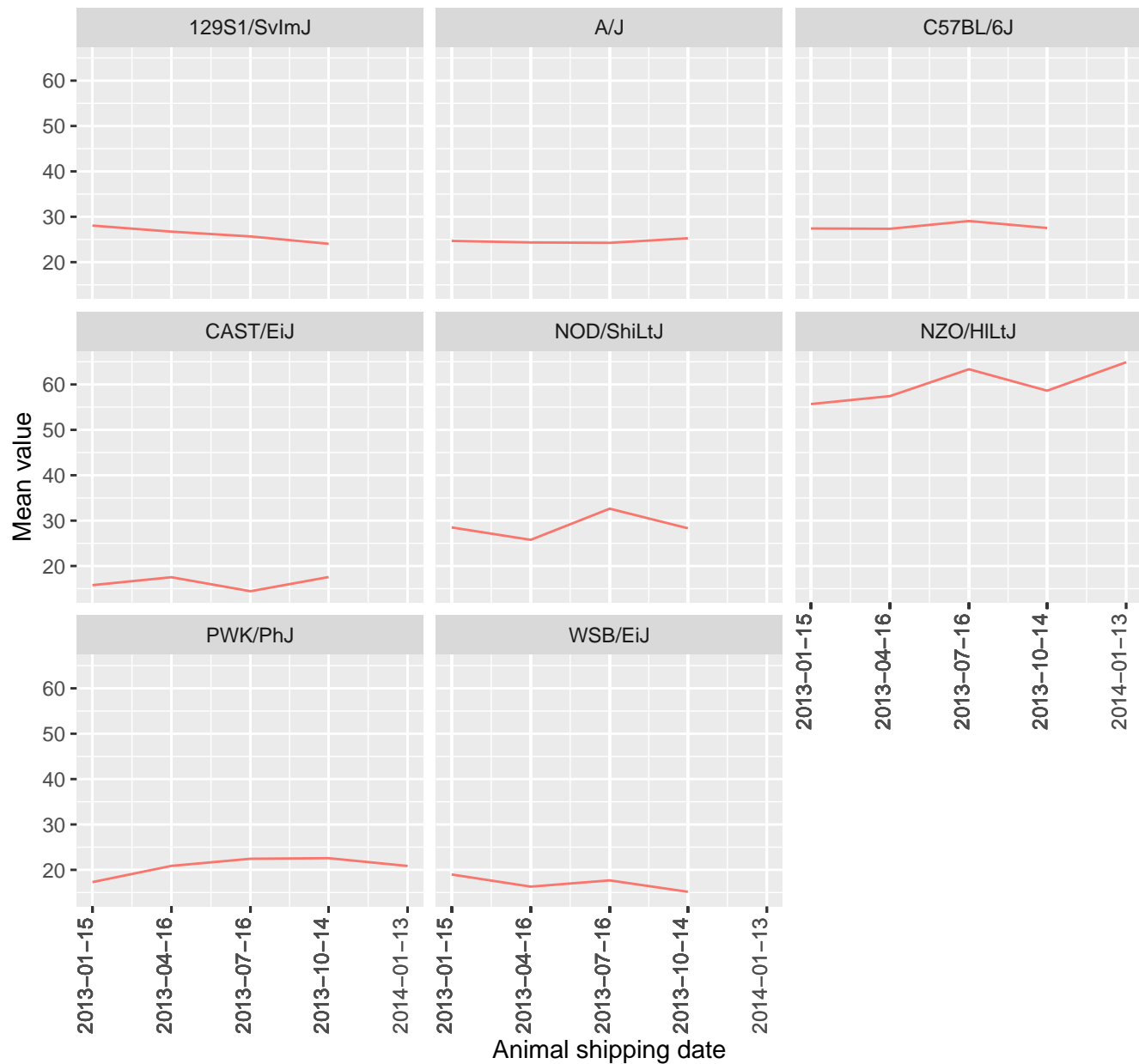
Procedure: GMC16

Parameter: bw_17

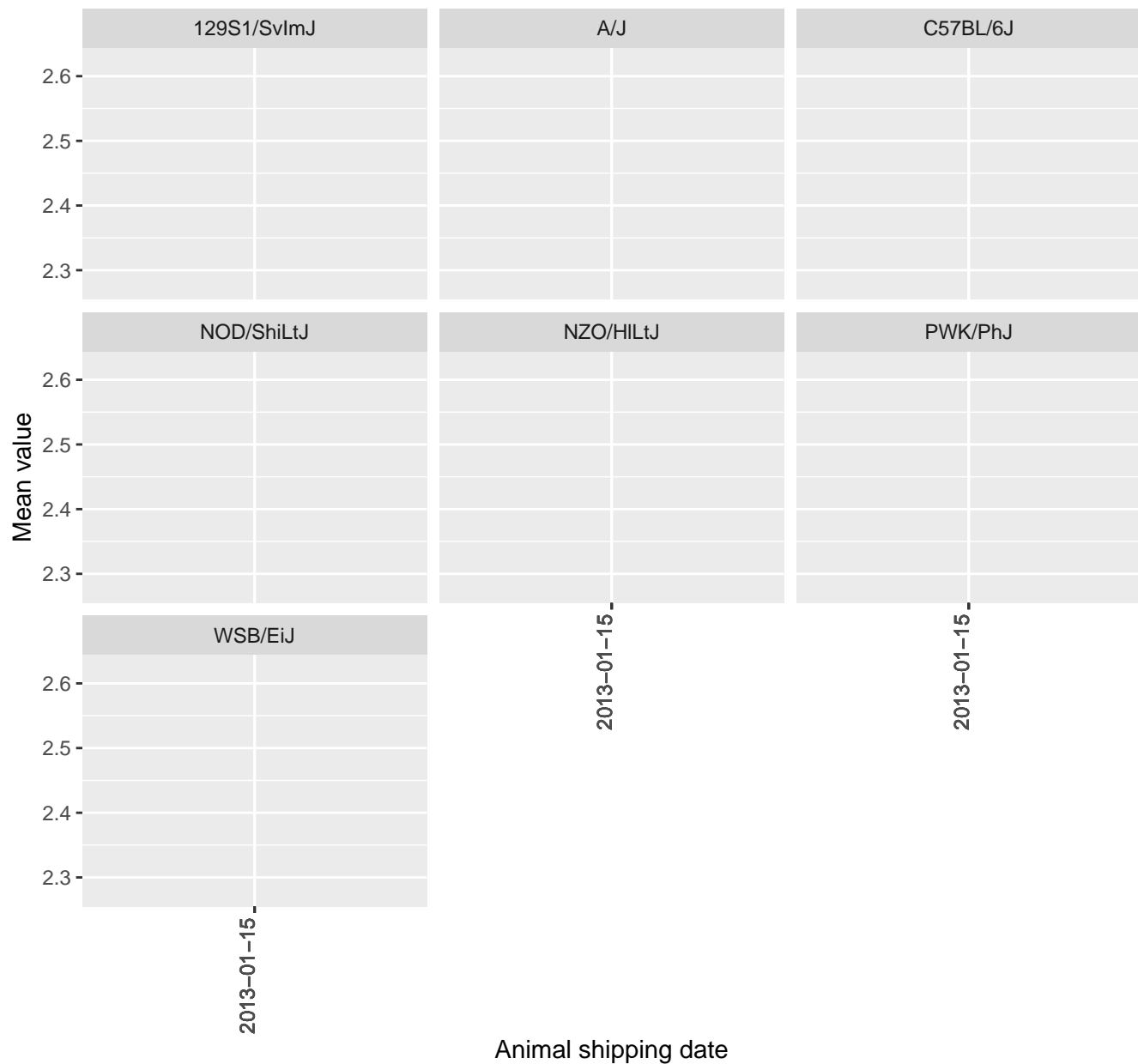


Procedure: GMC16

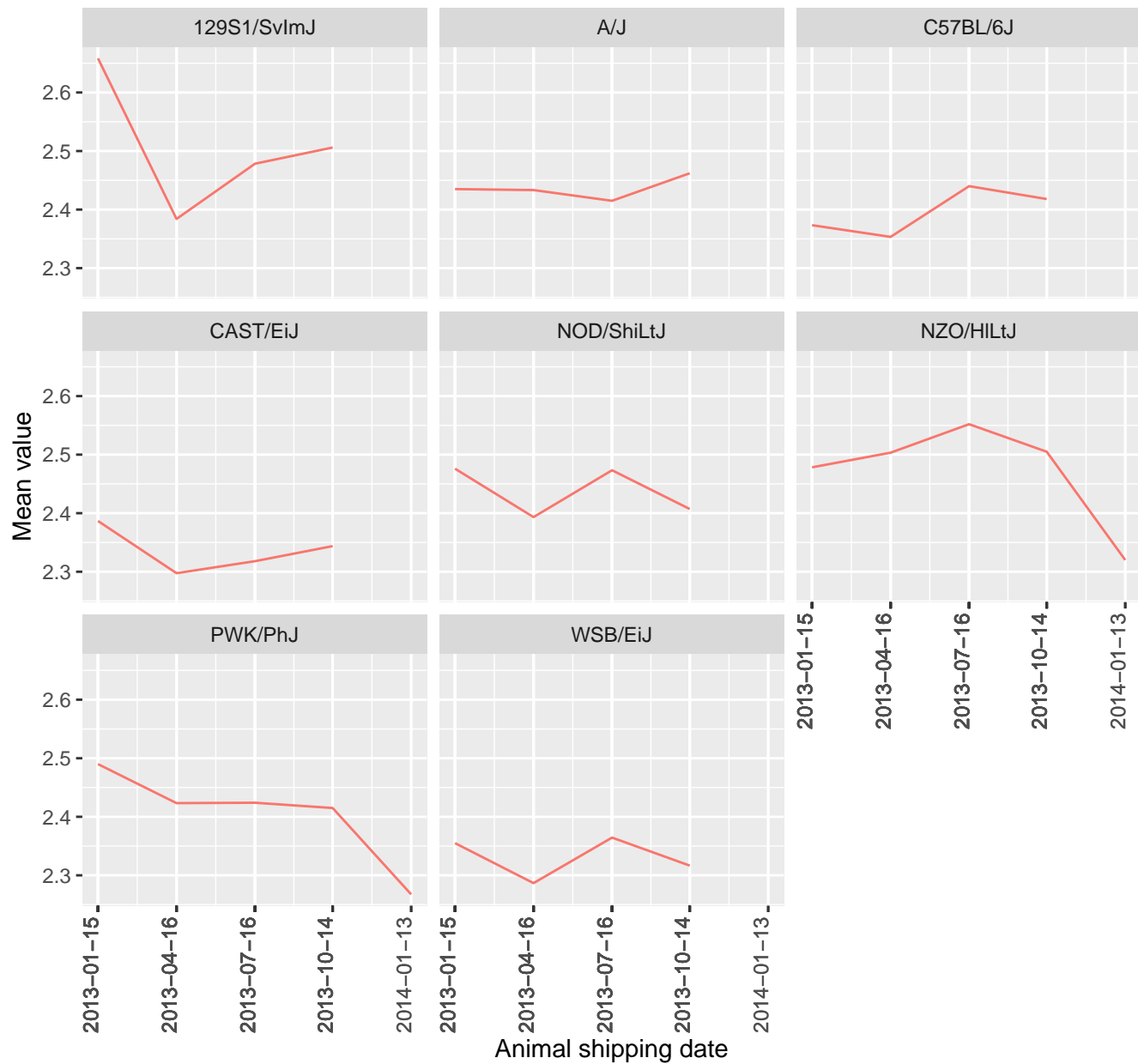
Parameter: bw_21



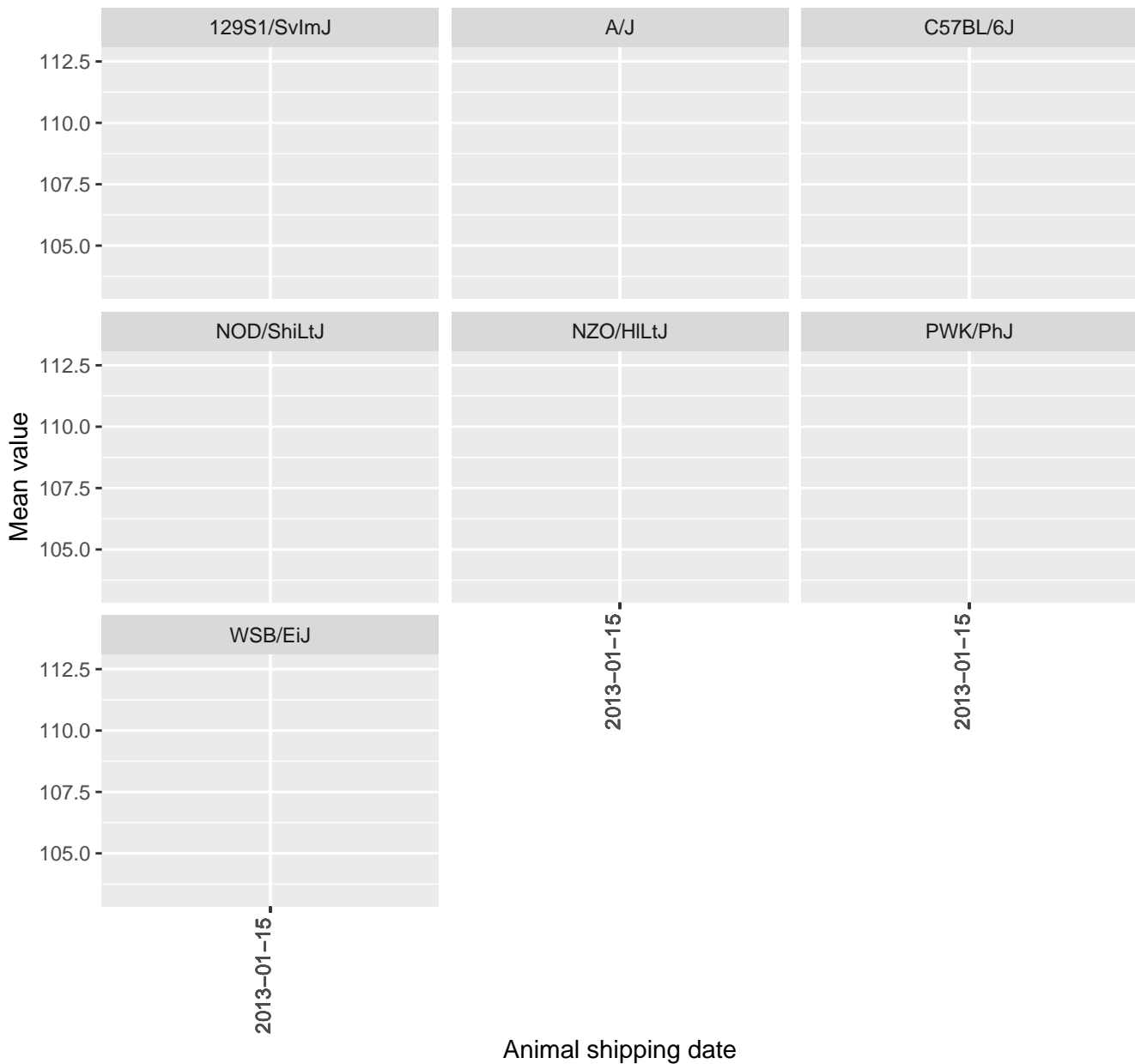
Procedure: GMC16
Parameter: calcium_17



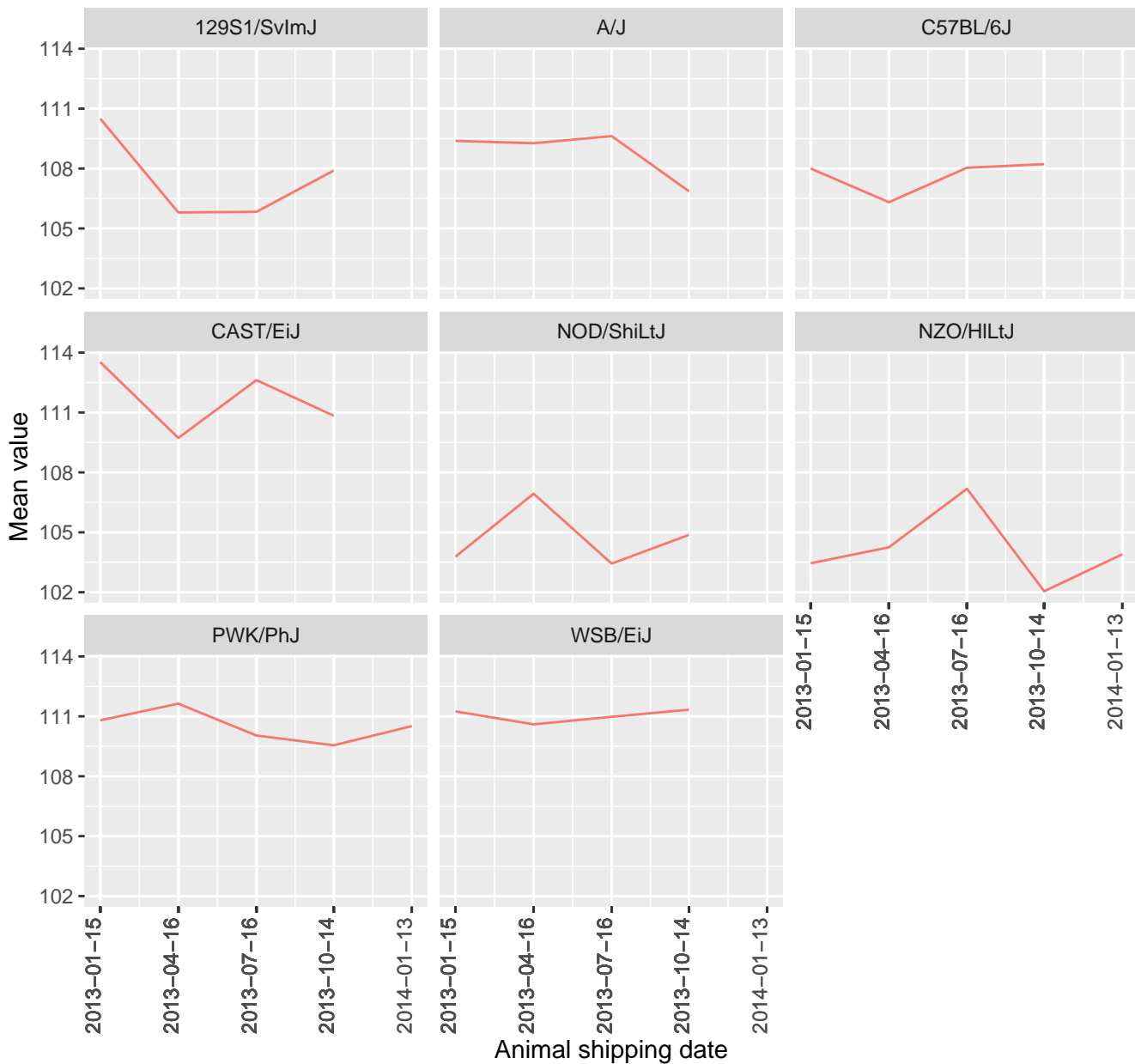
Procedure: GMC16
Parameter: calcium_21



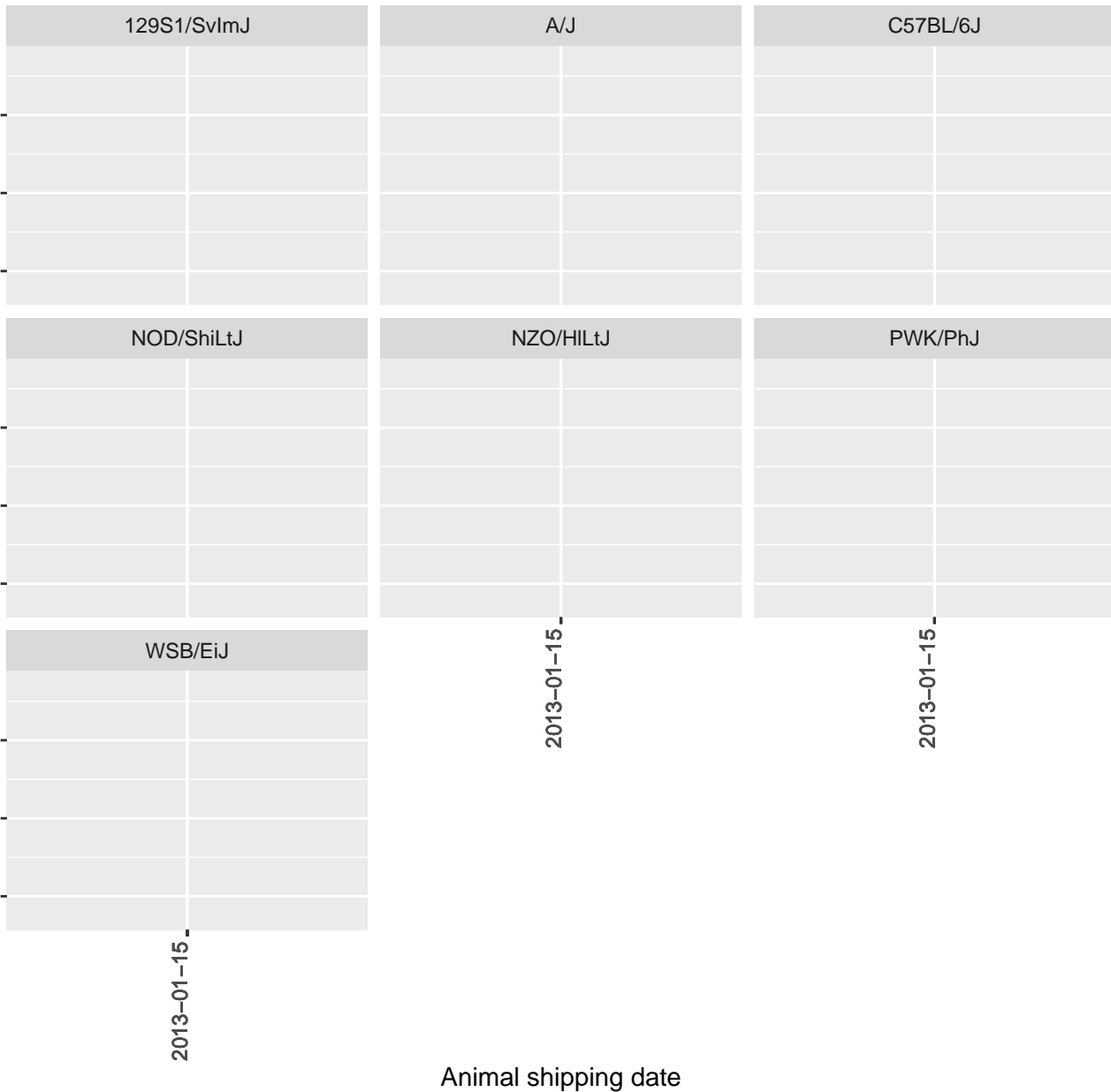
Procedure: GMC16
Parameter: chloride_17



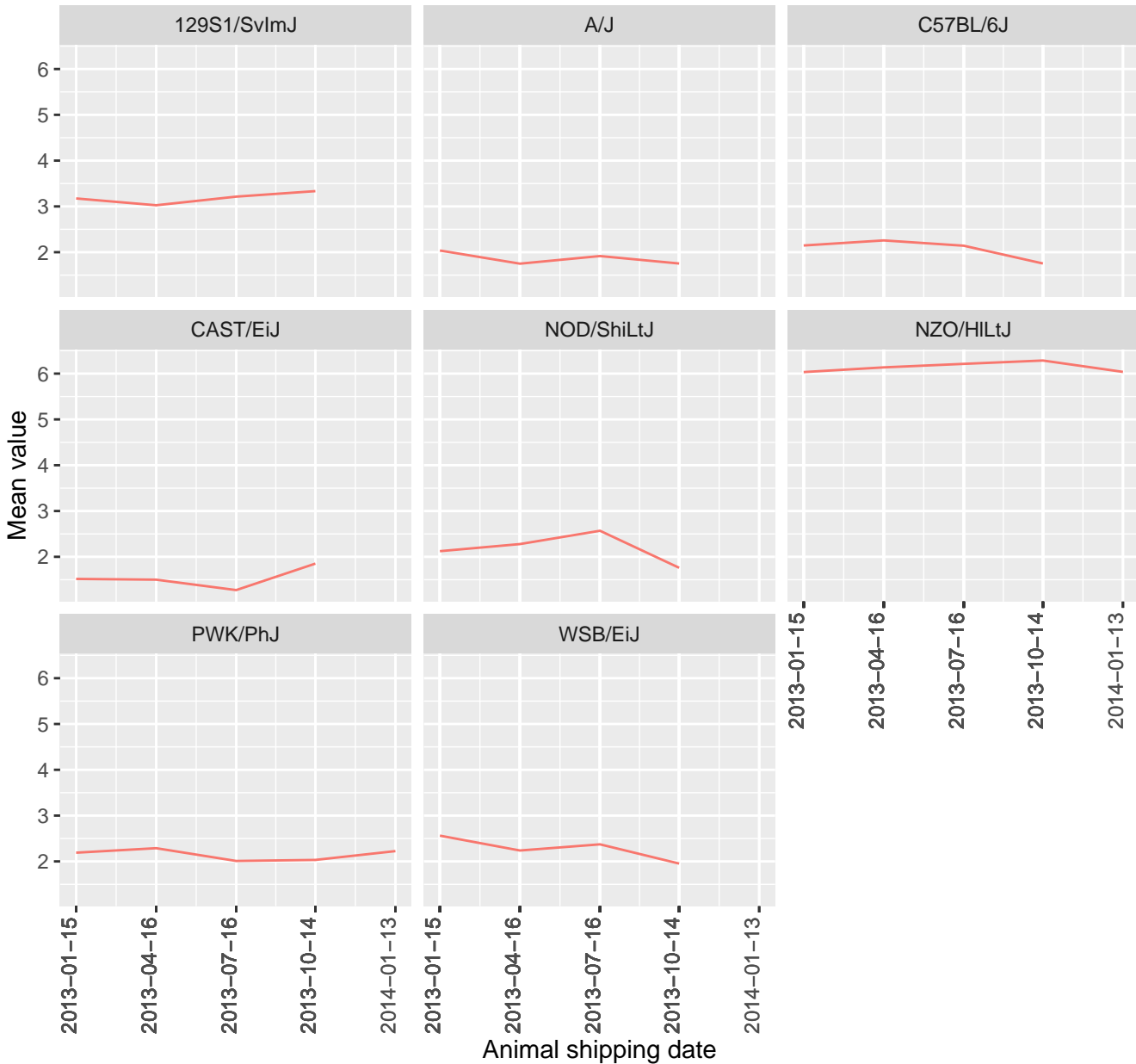
Procedure: GMC16
Parameter: chloride_21



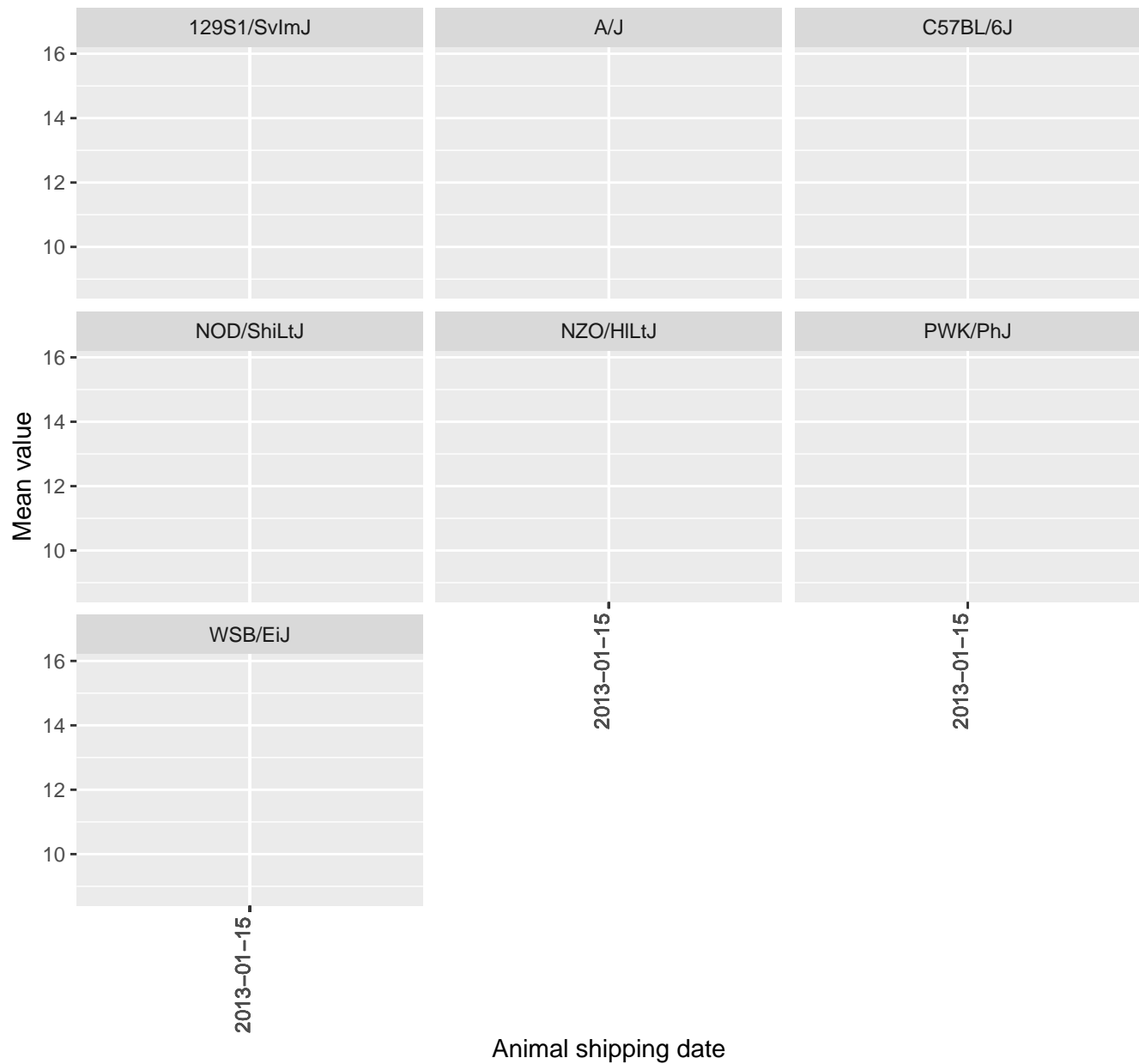
Procedure: GMC16
Parameter: CHOL_17



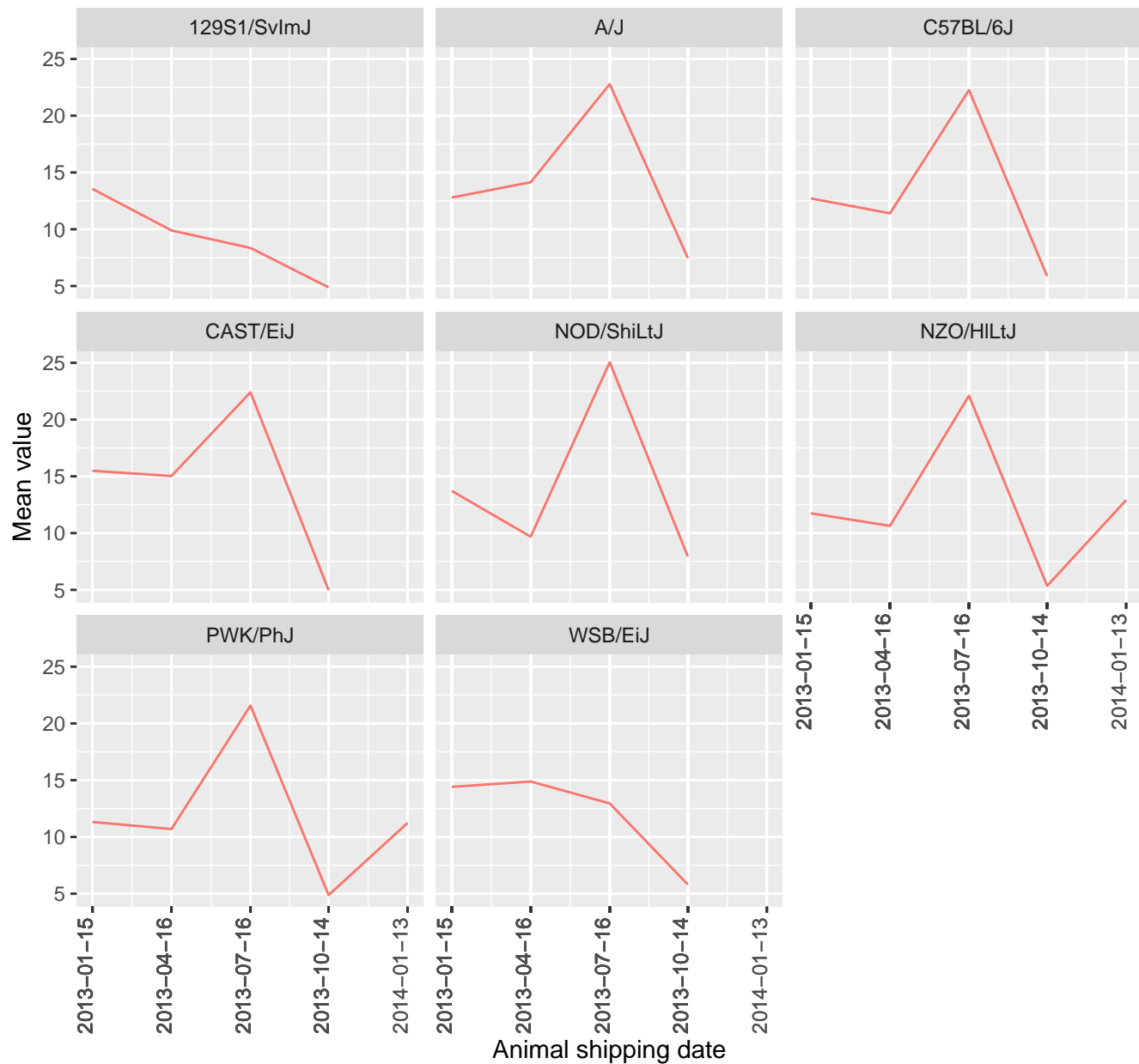
Procedure: GMC16
Parameter: CHOL_21



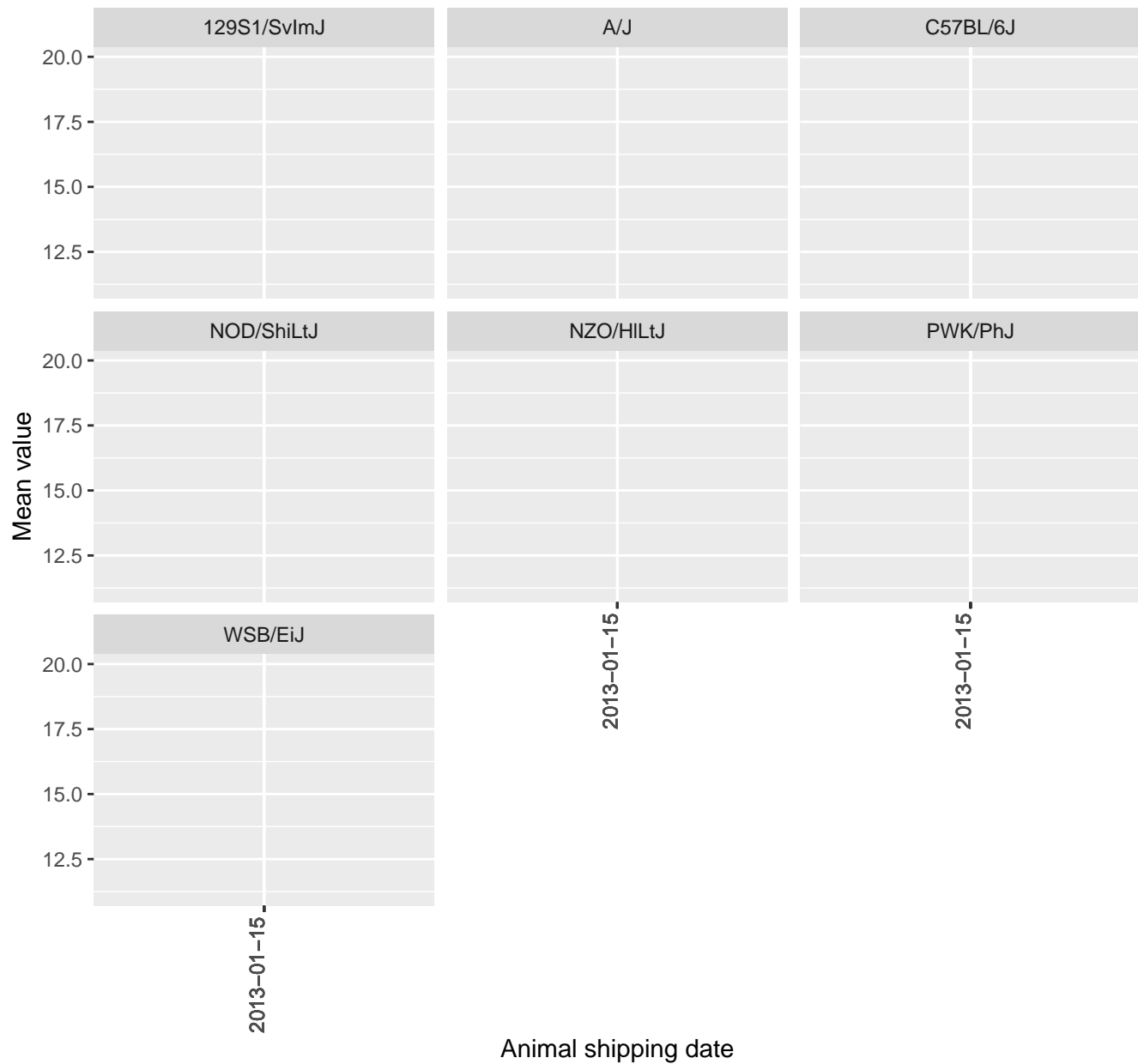
Procedure: GMC16
Parameter: creatinine_17



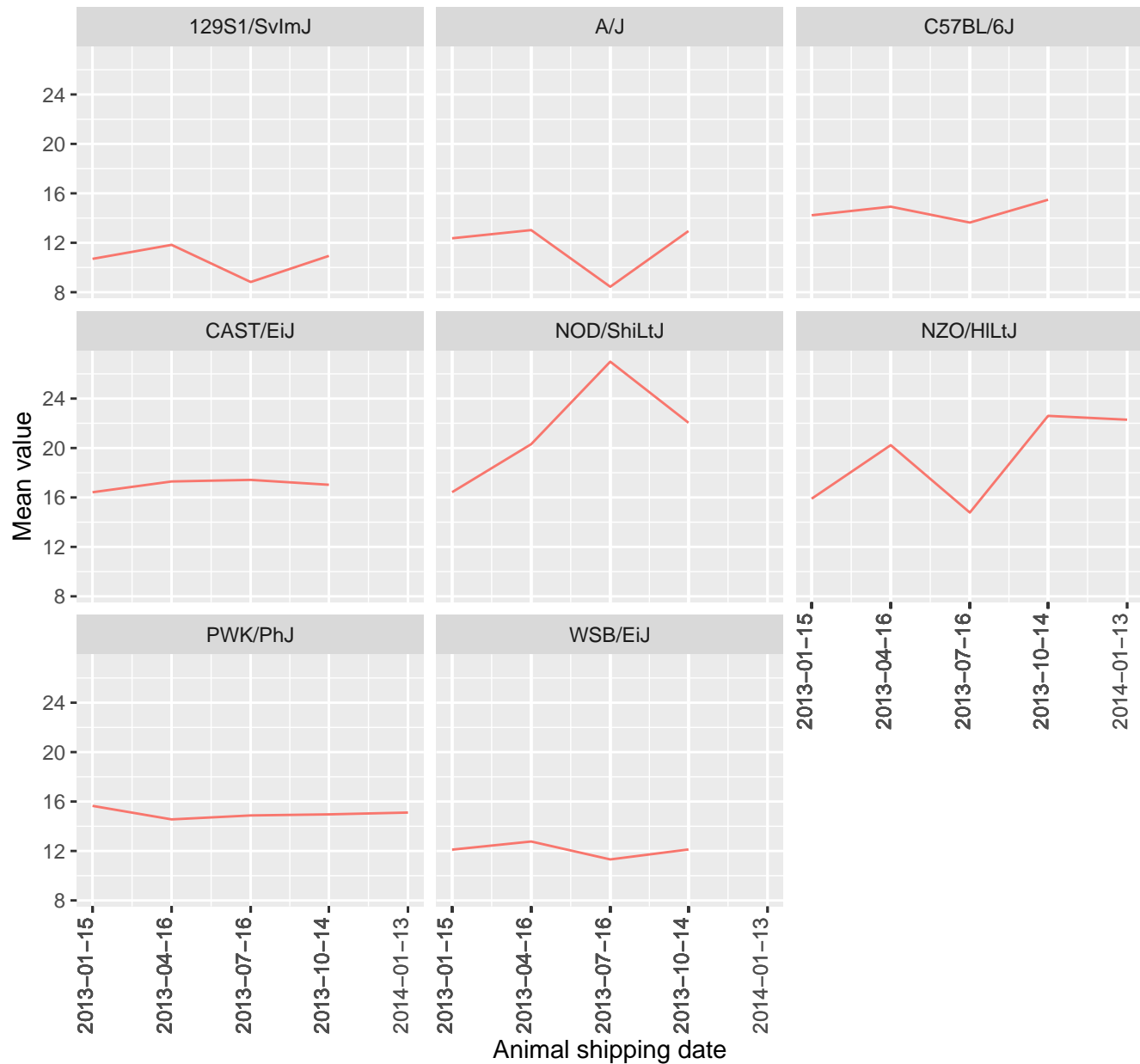
Procedure: GMC16
Parameter: creatinine_21



Procedure: GMC16
Parameter: GLU_17

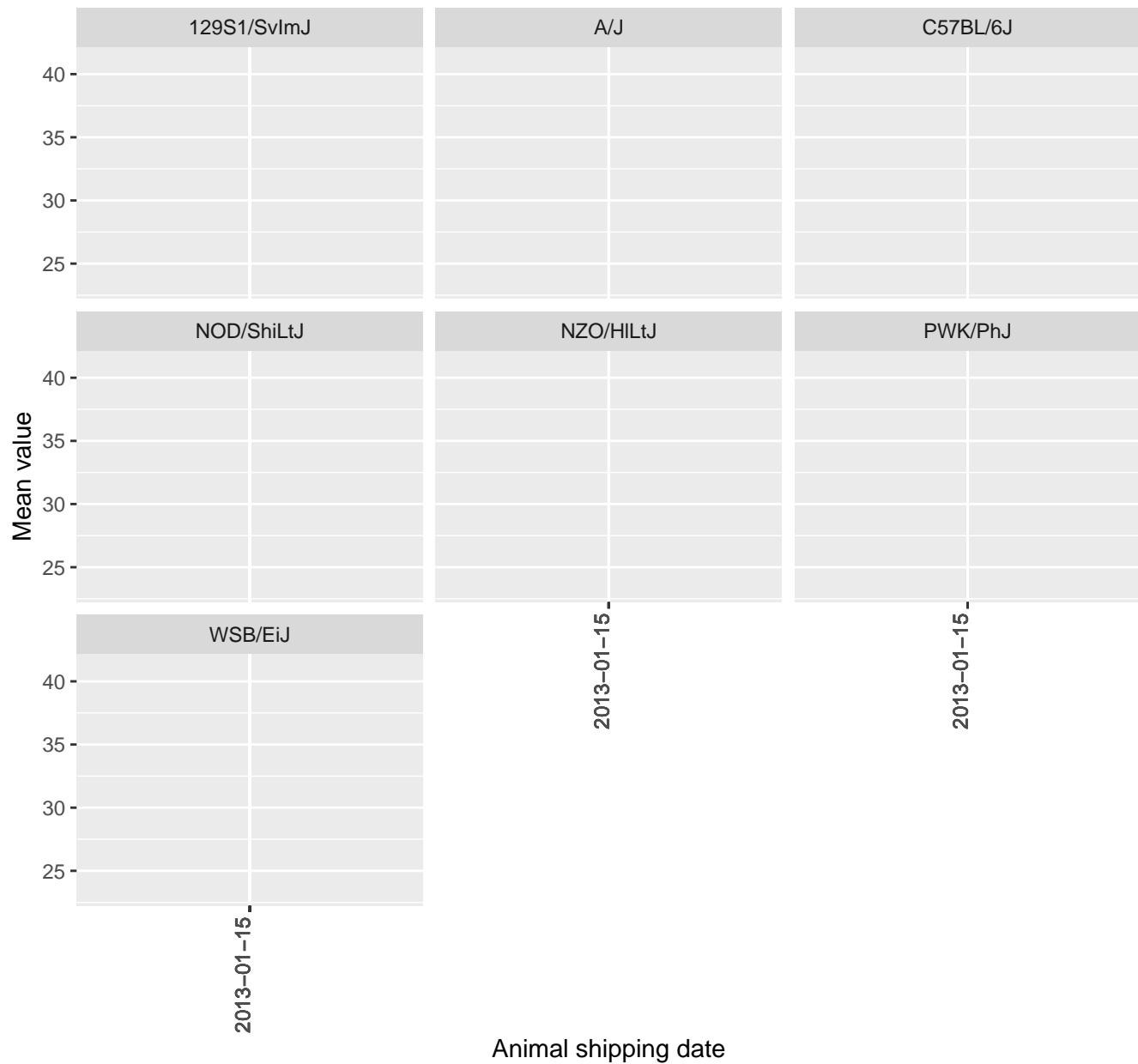


Procedure: GMC16
Parameter: GLU_21

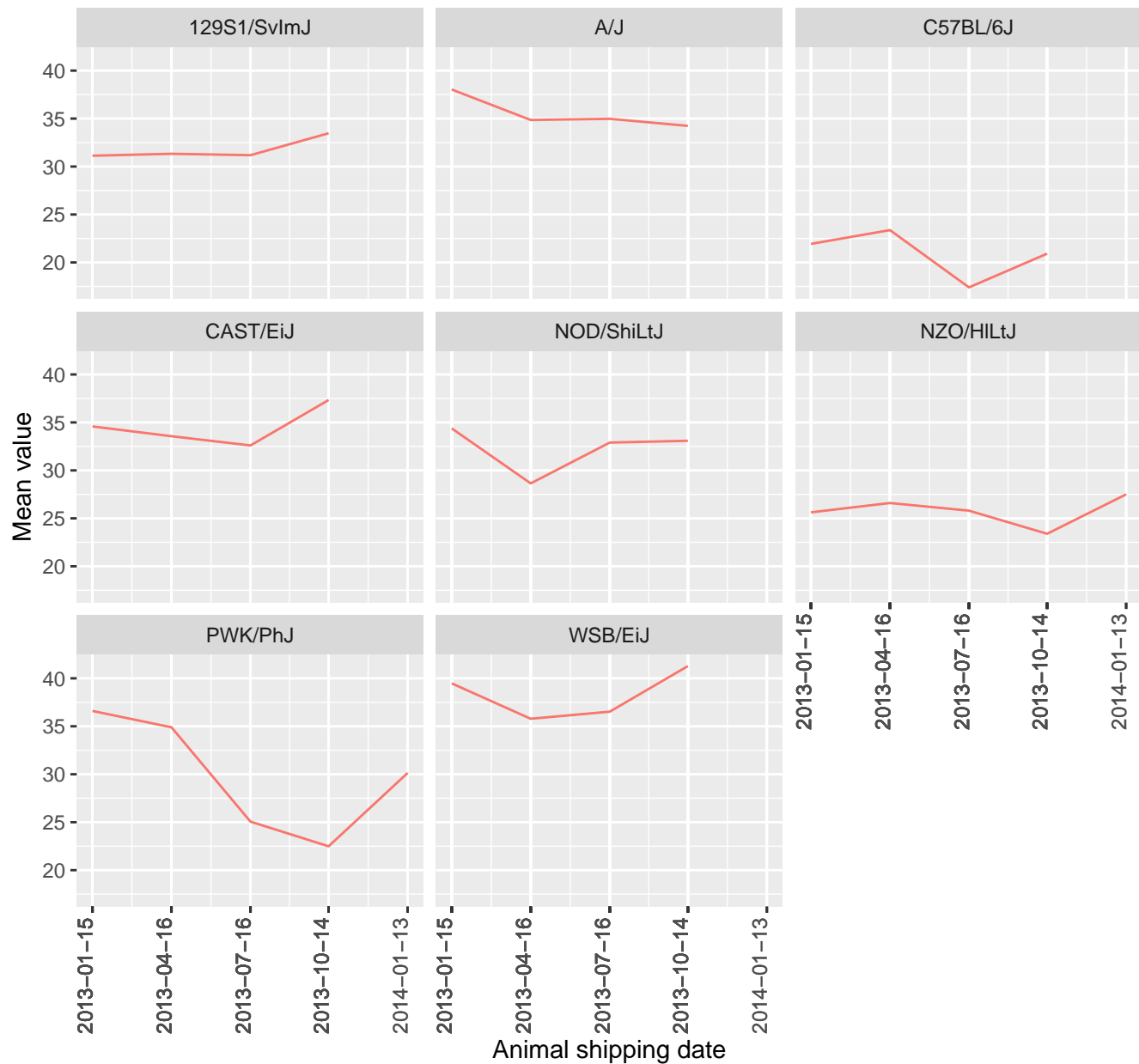


Procedure: GMC16

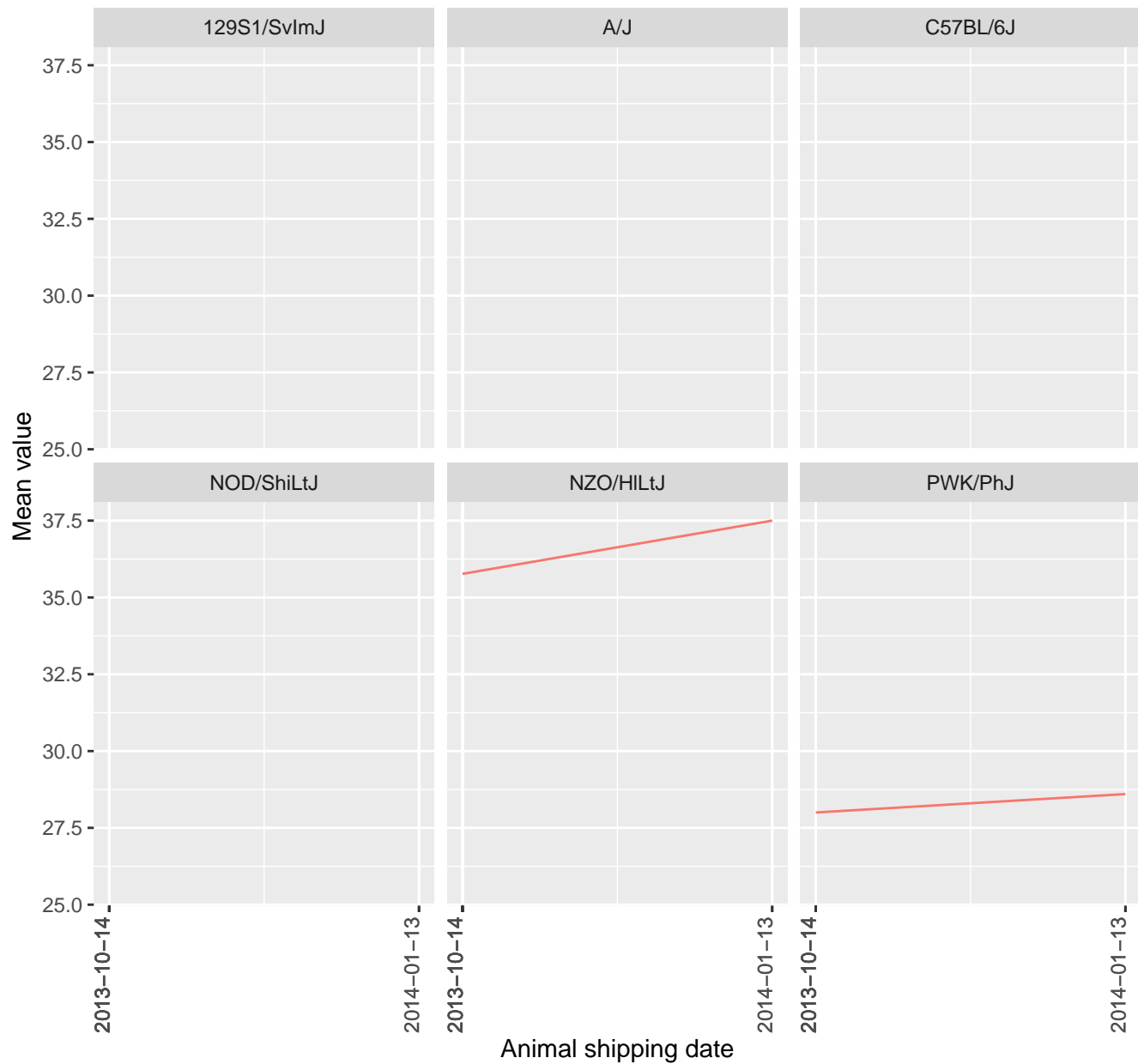
Parameter: iron_17



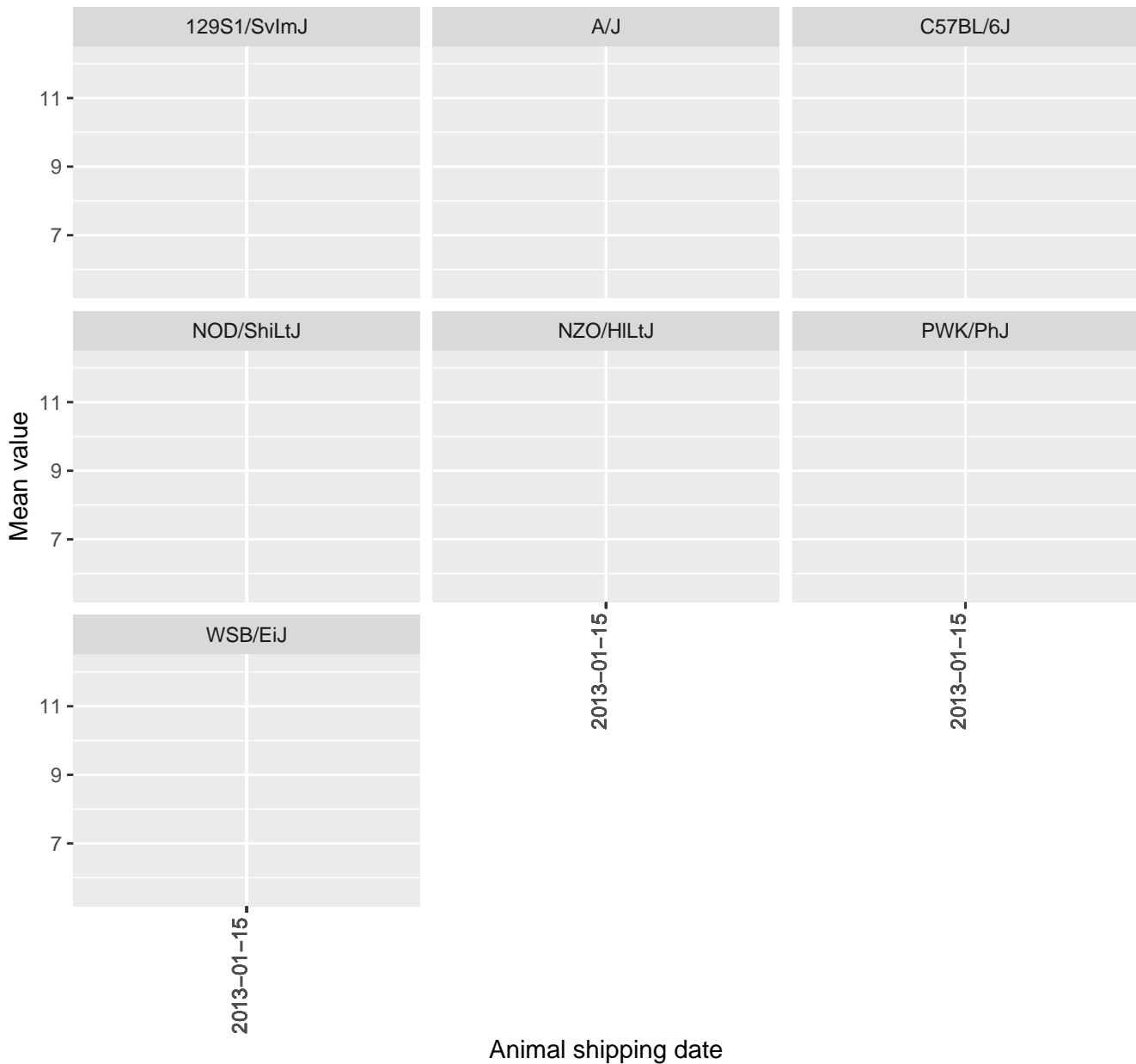
Procedure: GMC16
Parameter: iron_21



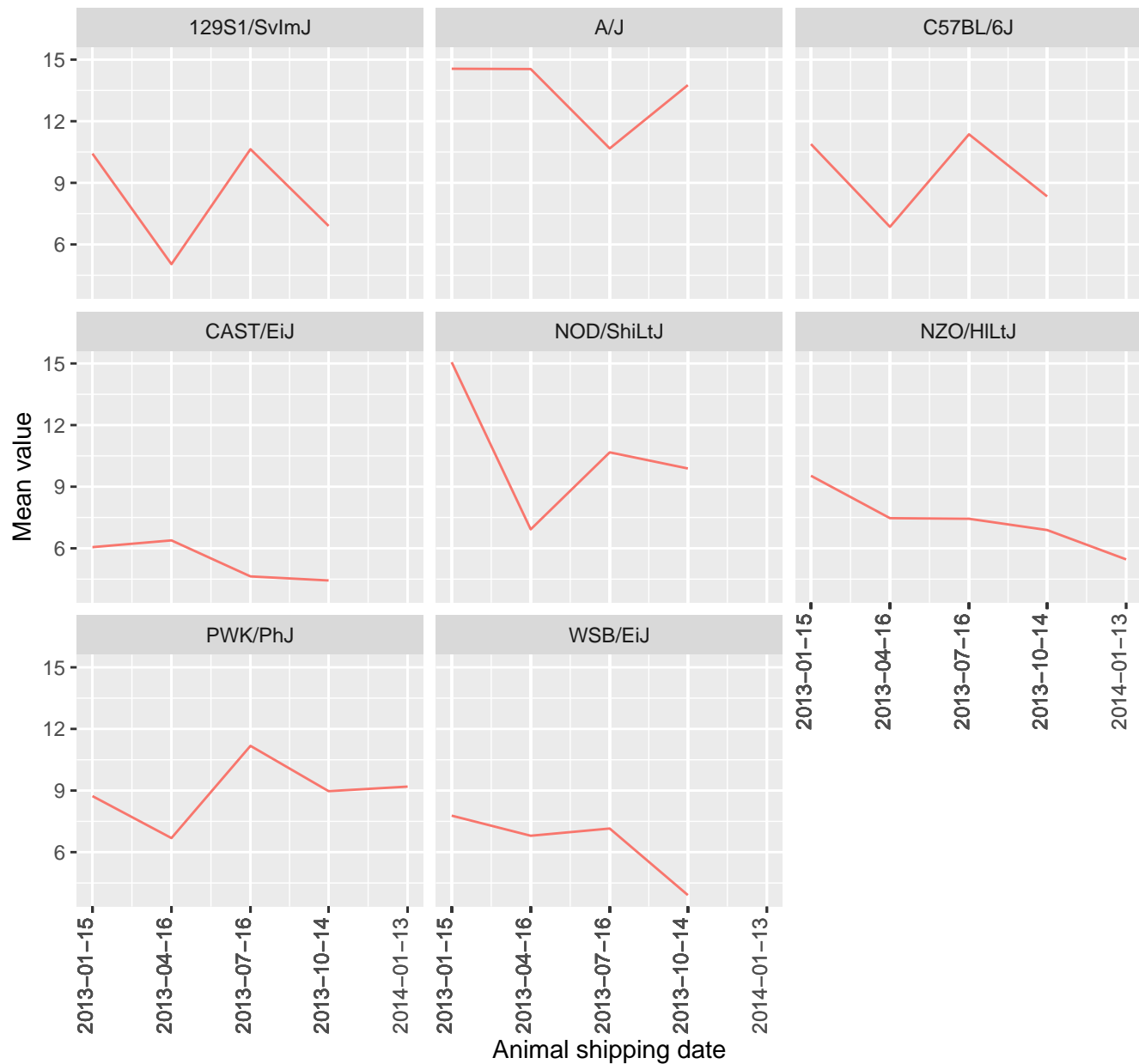
Procedure: GMC16
Parameter: iron_binding_21



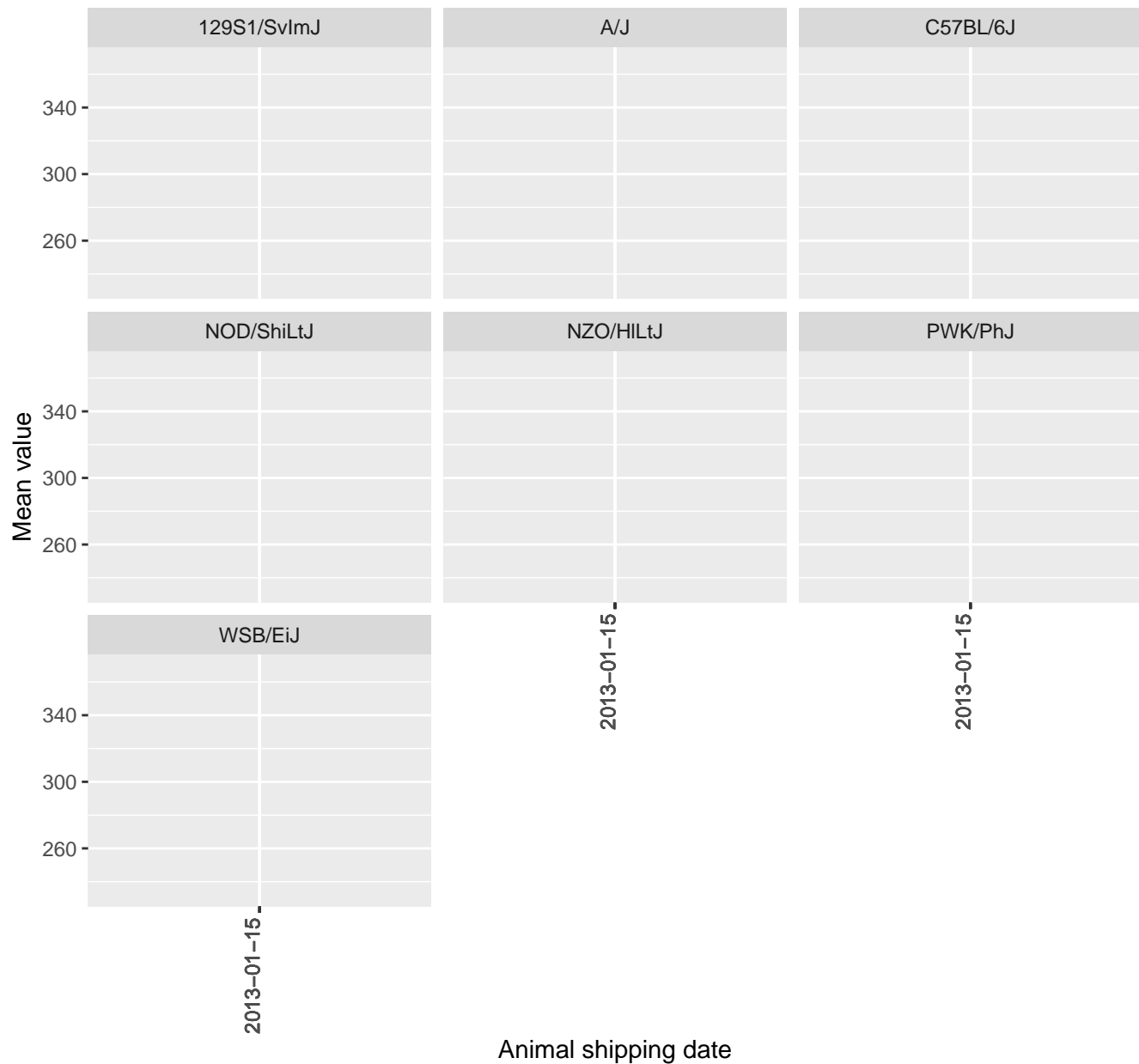
Procedure: GMC16
Parameter: lactate_17



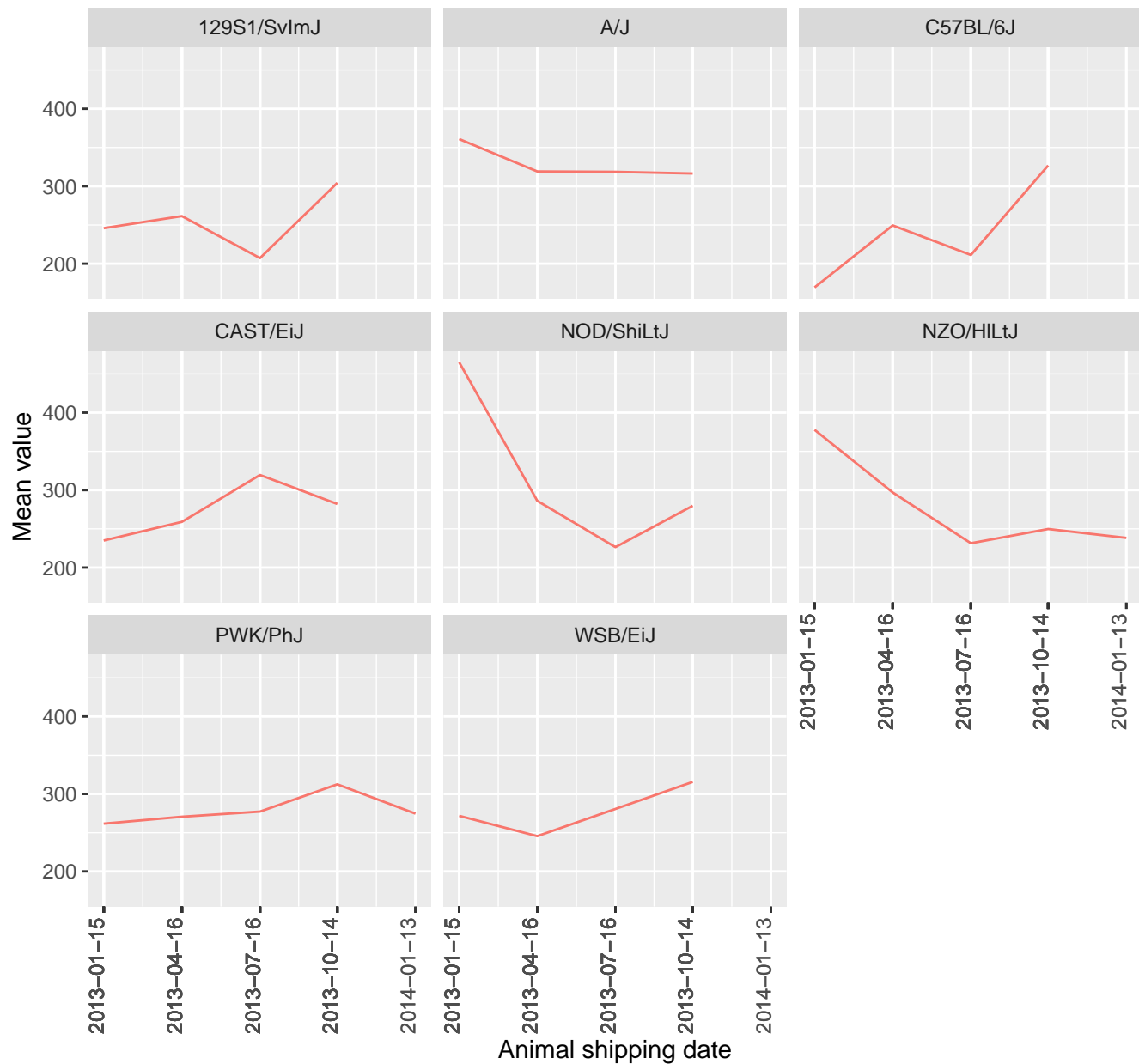
Procedure: GMC16
Parameter: lactate_21



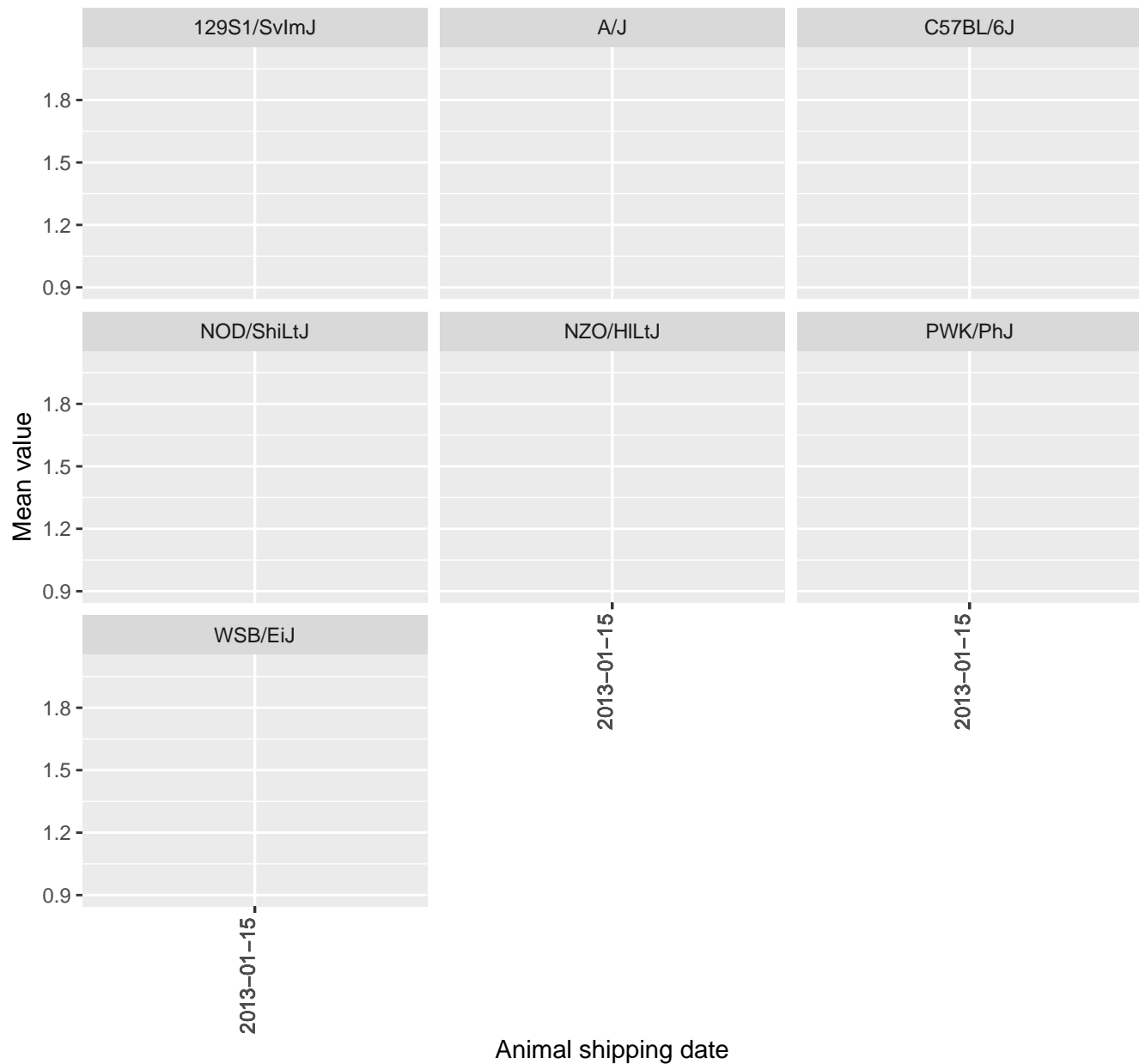
Procedure: GMC16
Parameter: LDH_17



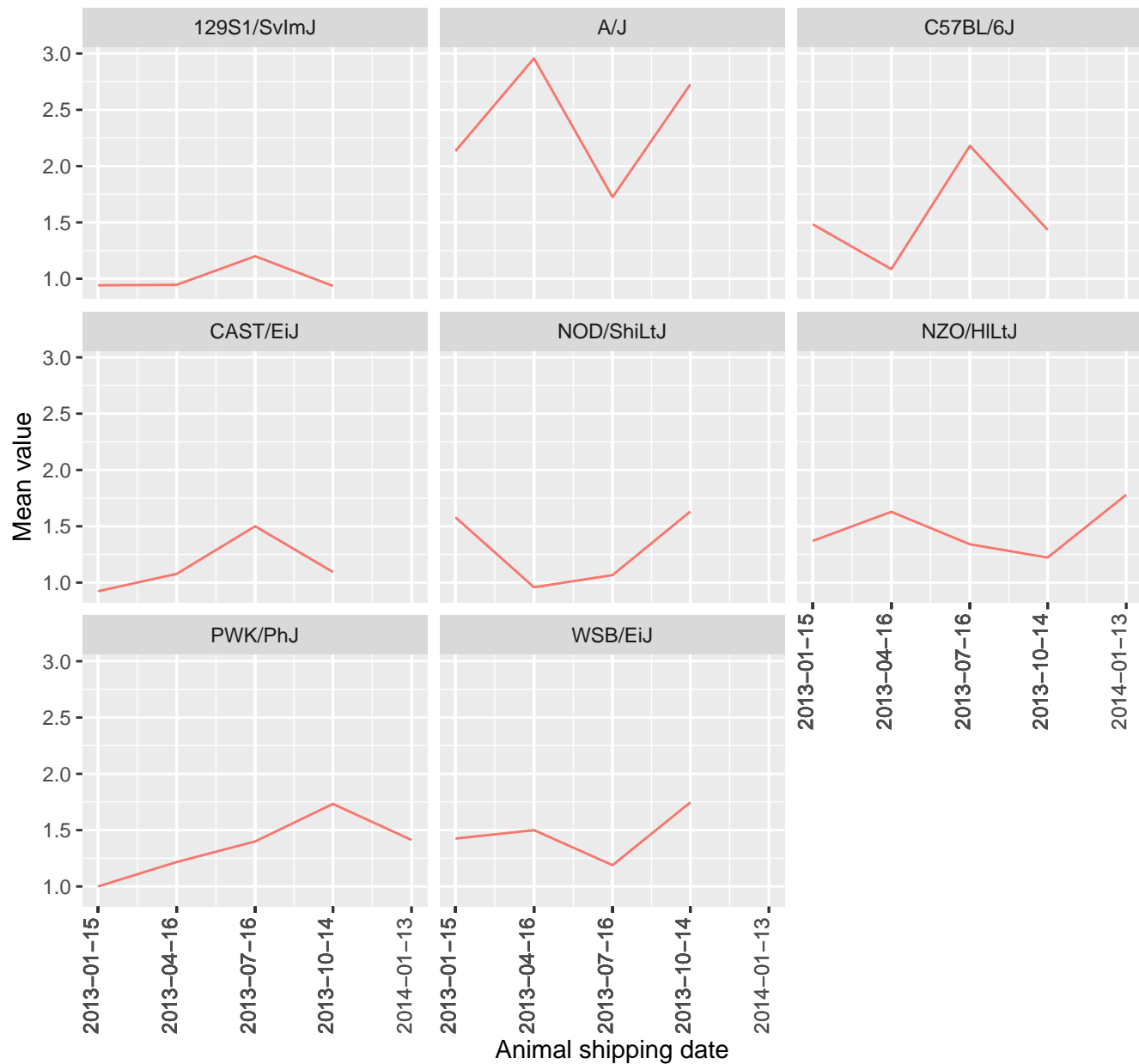
Procedure: GMC16
Parameter: LDH_21



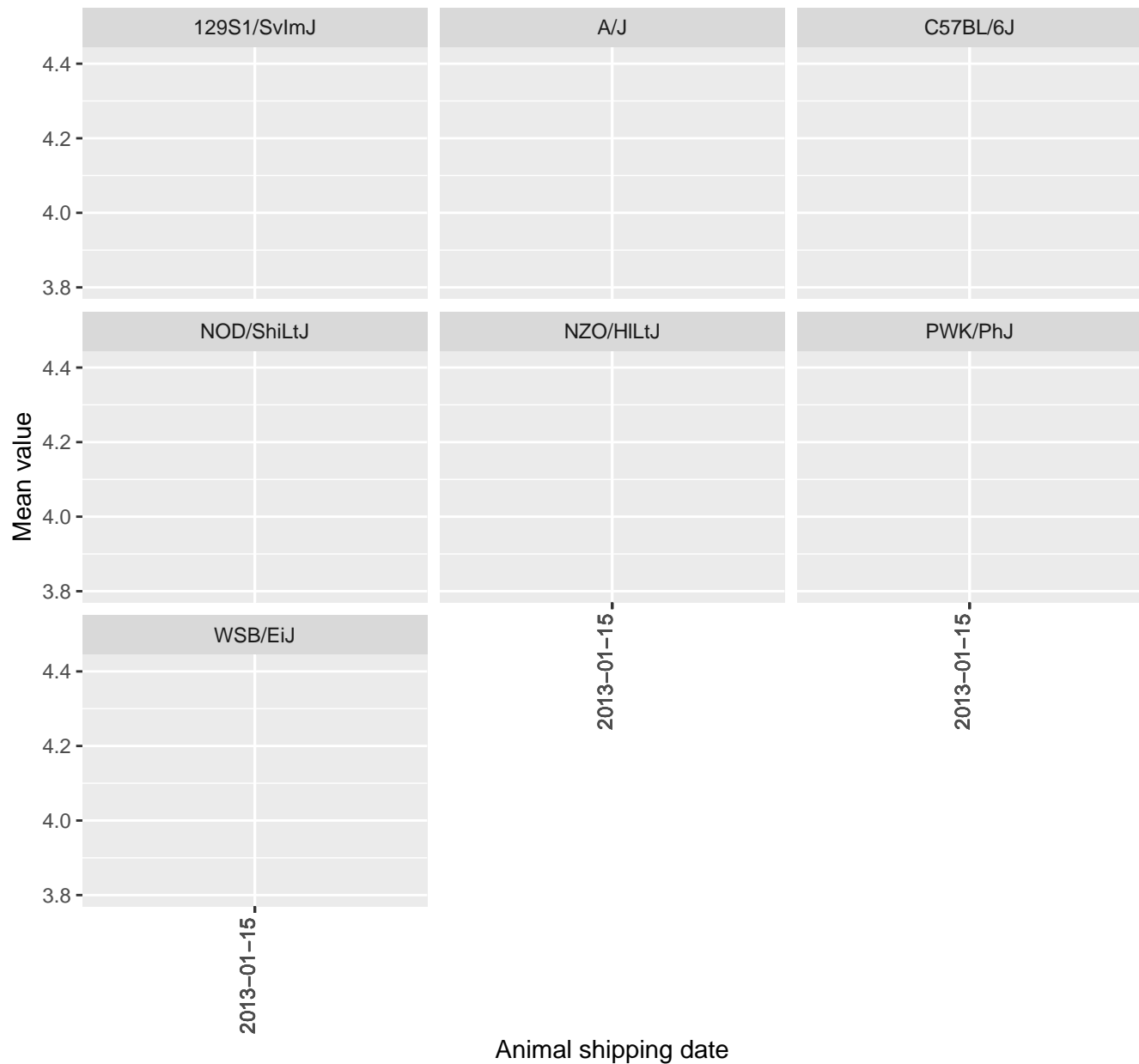
Procedure: GMC16
Parameter: phosphate_17



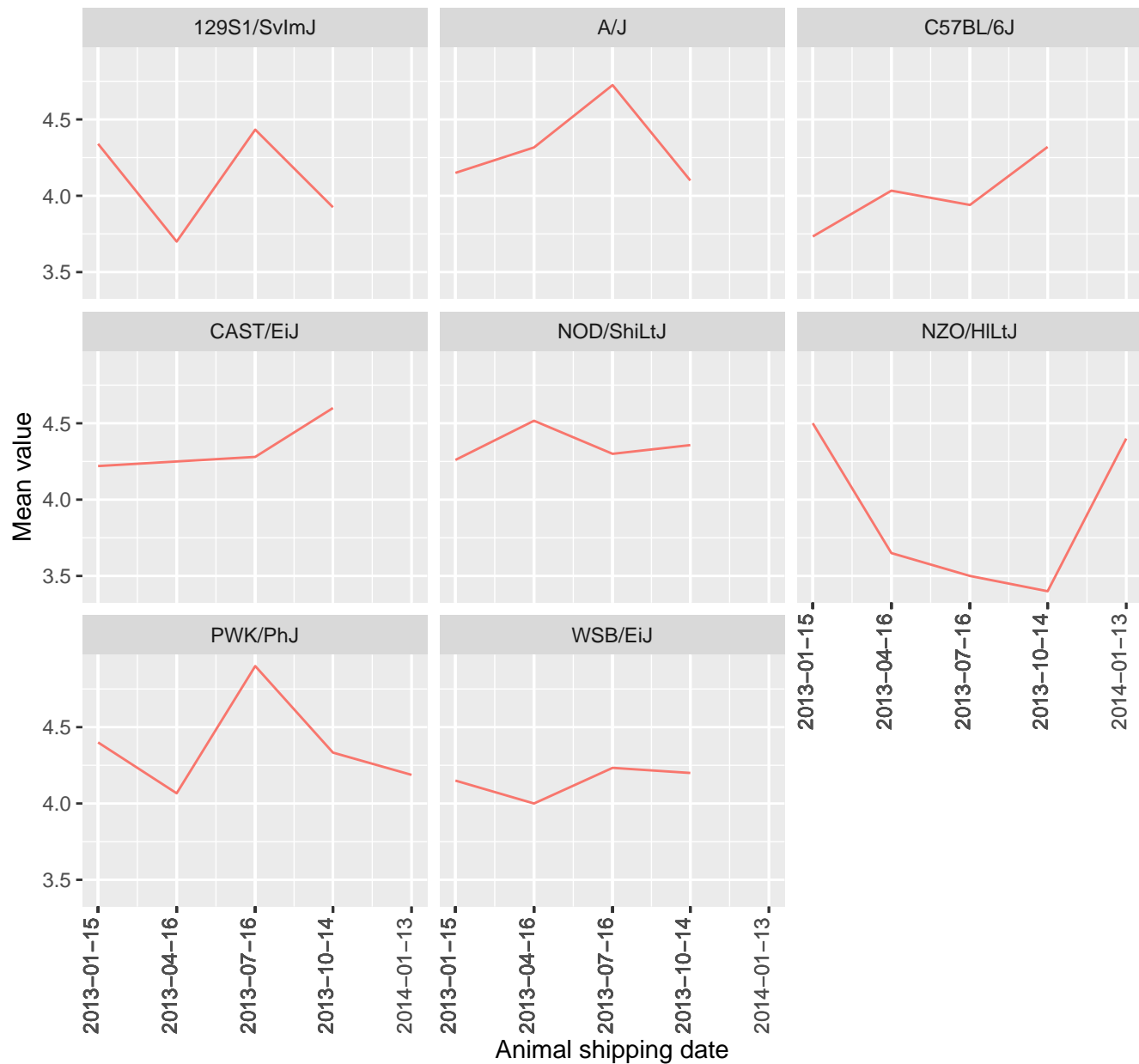
Procedure: GMC16
Parameter: phosphate_21



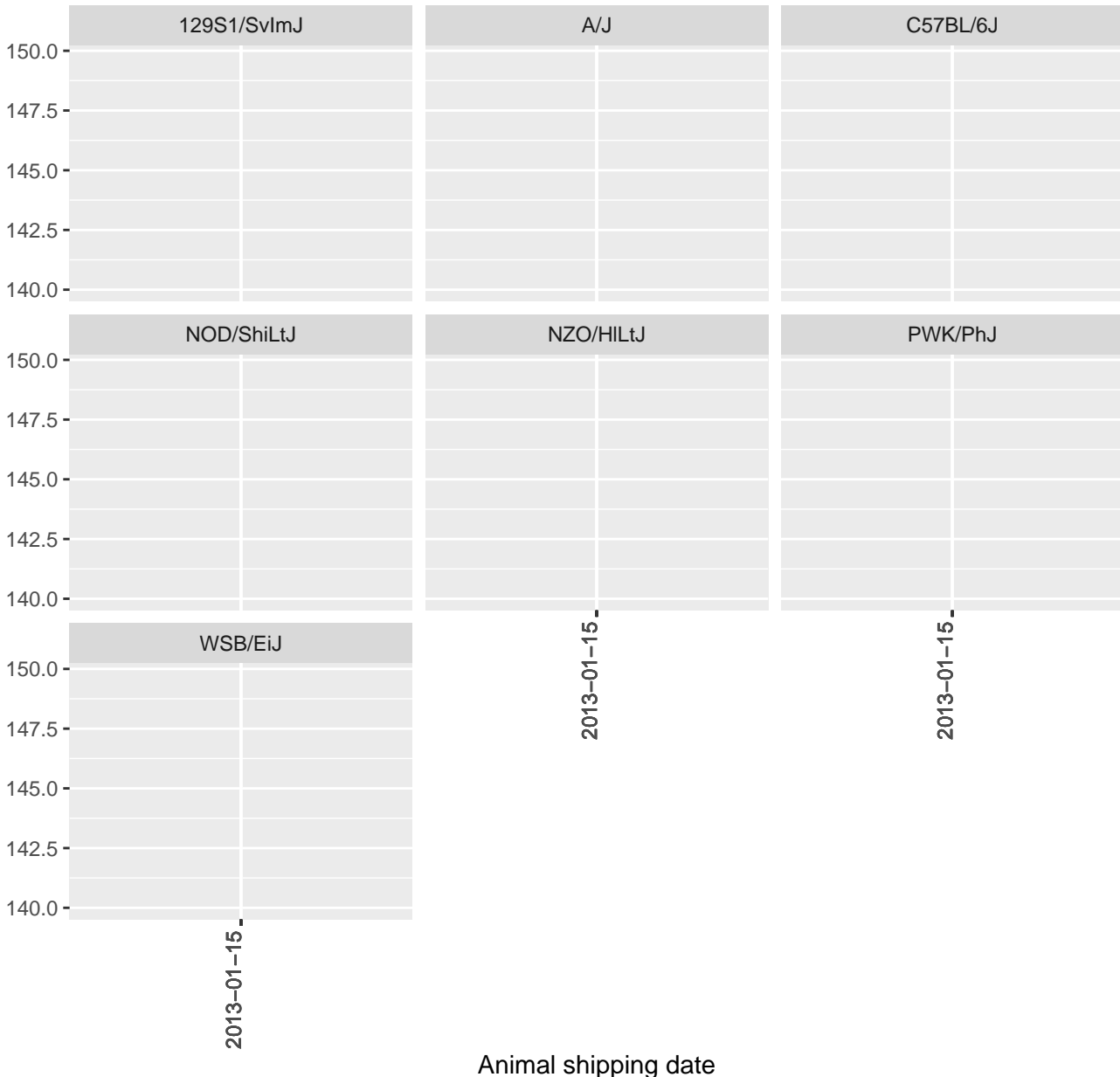
Procedure: GMC16
Parameter: potassium_17



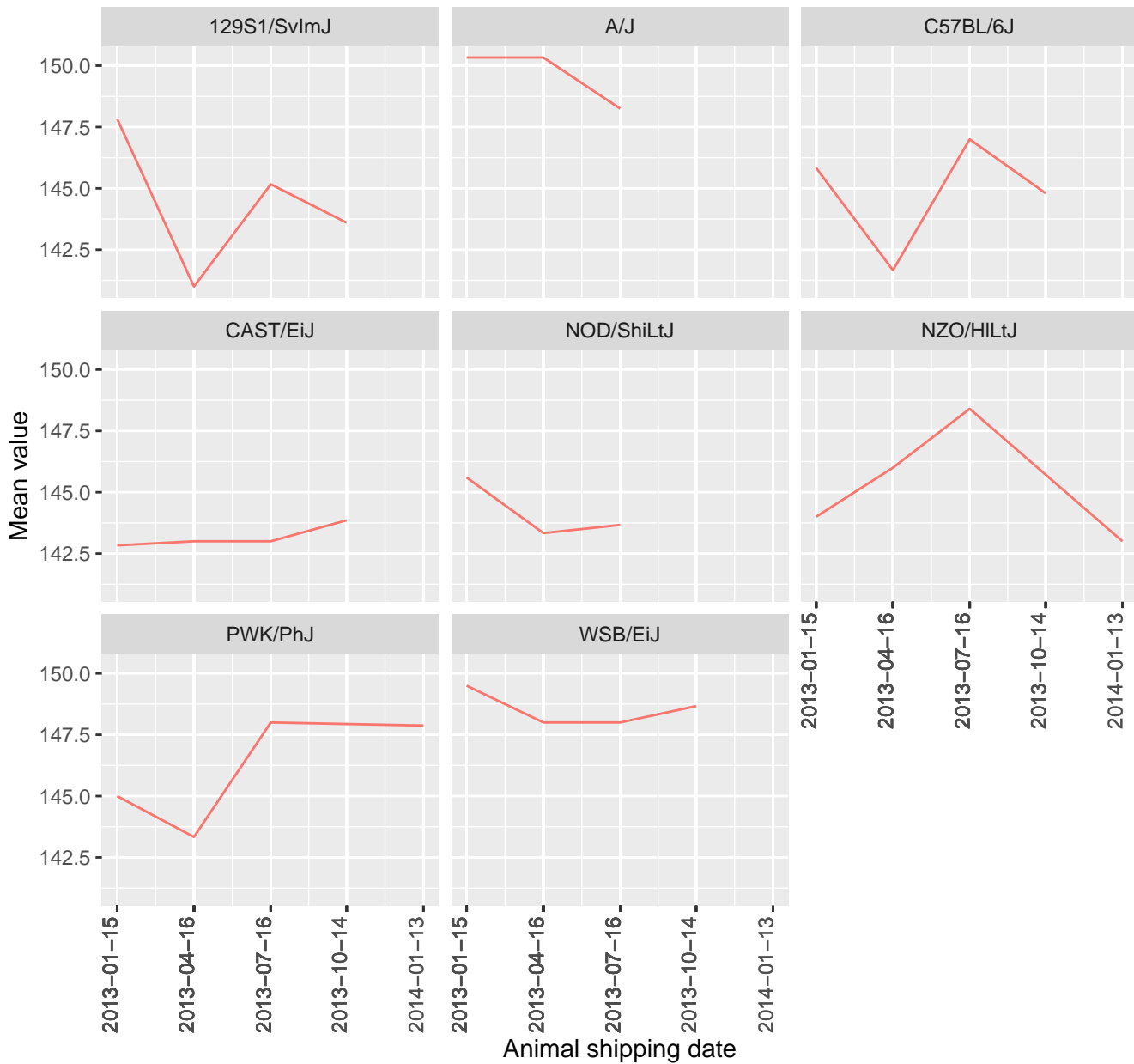
Procedure: GMC16
Parameter: potassium_21



Procedure: GMC16
Parameter: sodium_17

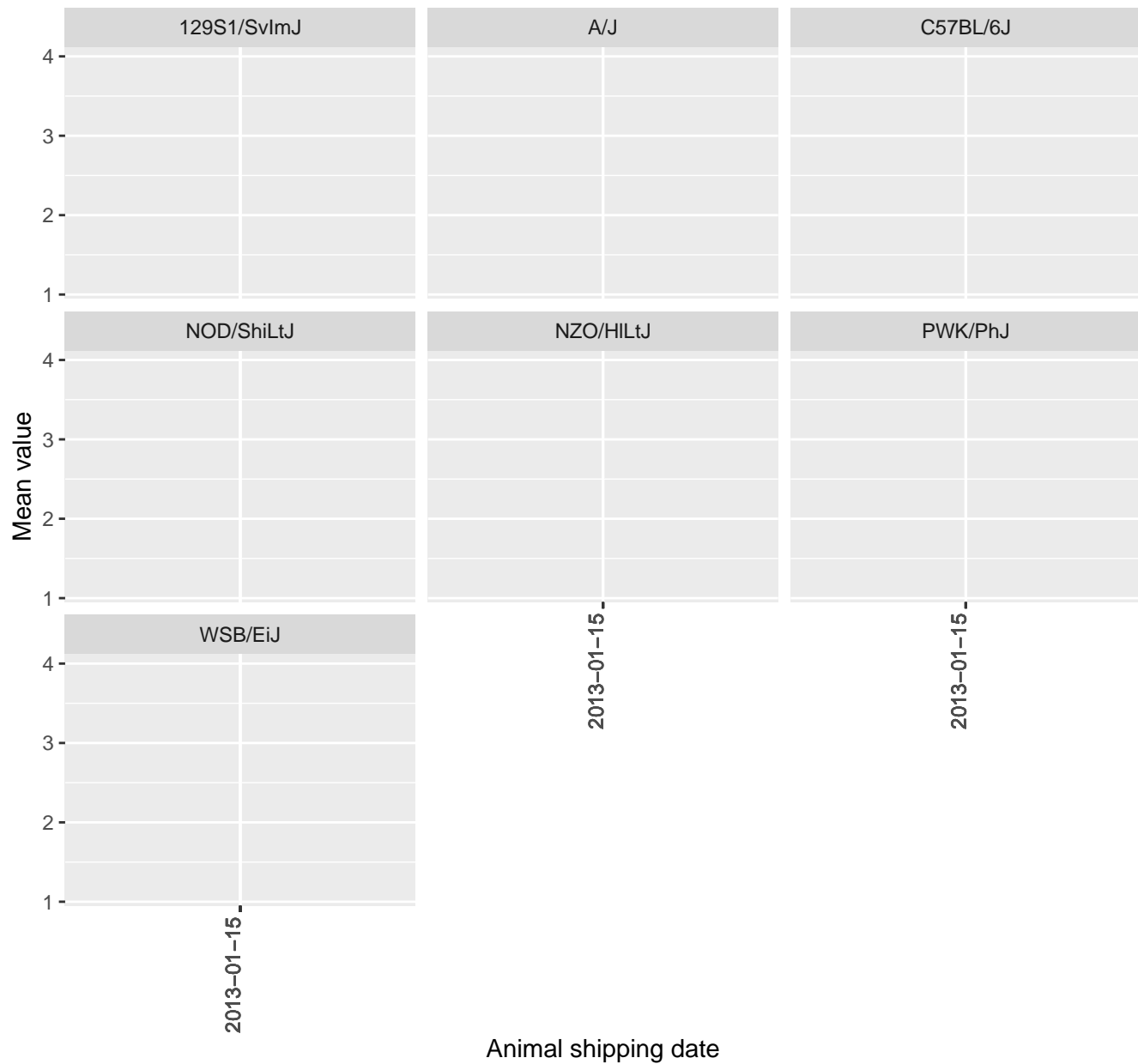


Procedure: GMC16
Parameter: sodium_21



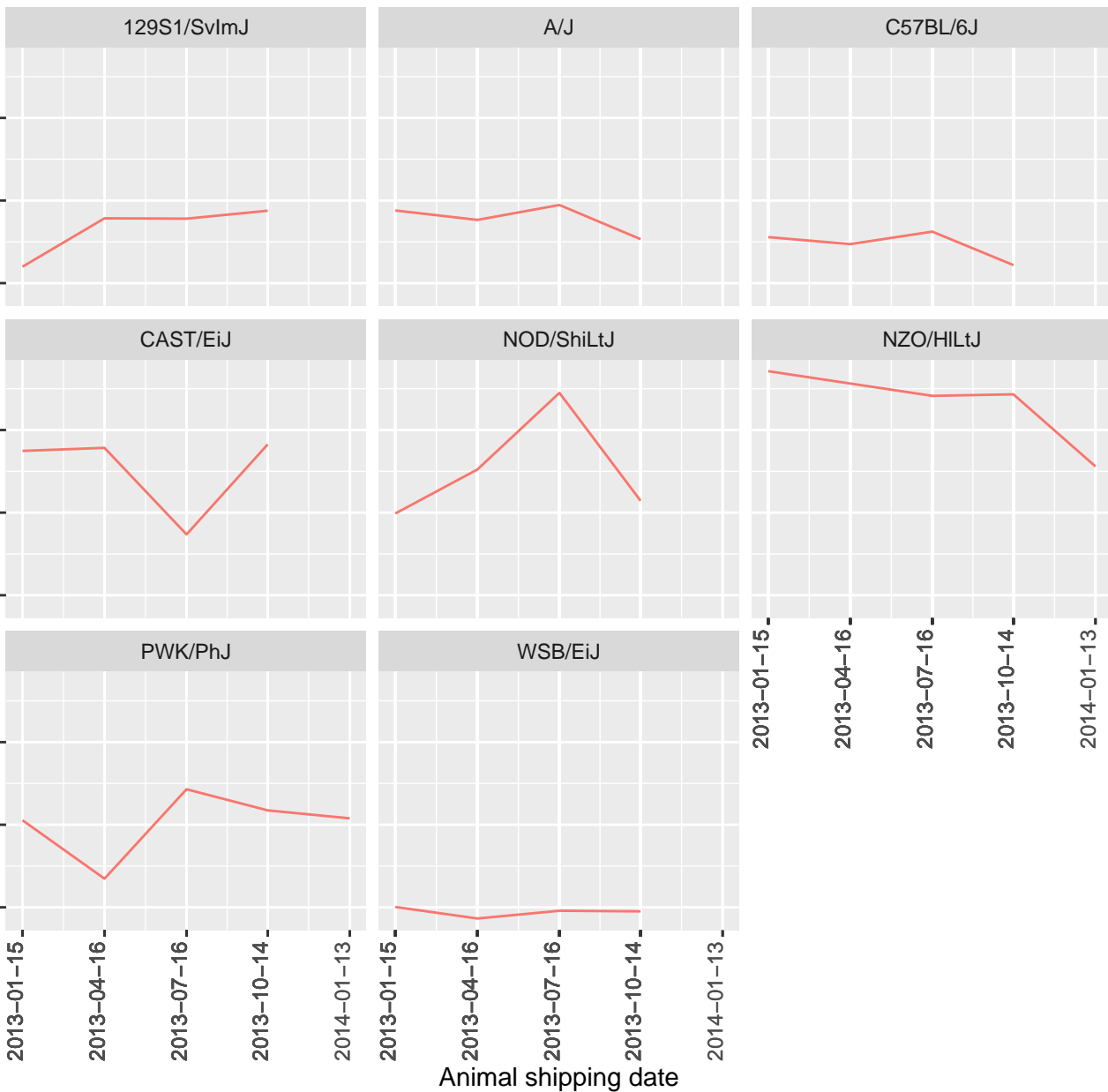
Procedure: GMC16

Parameter: TG_17



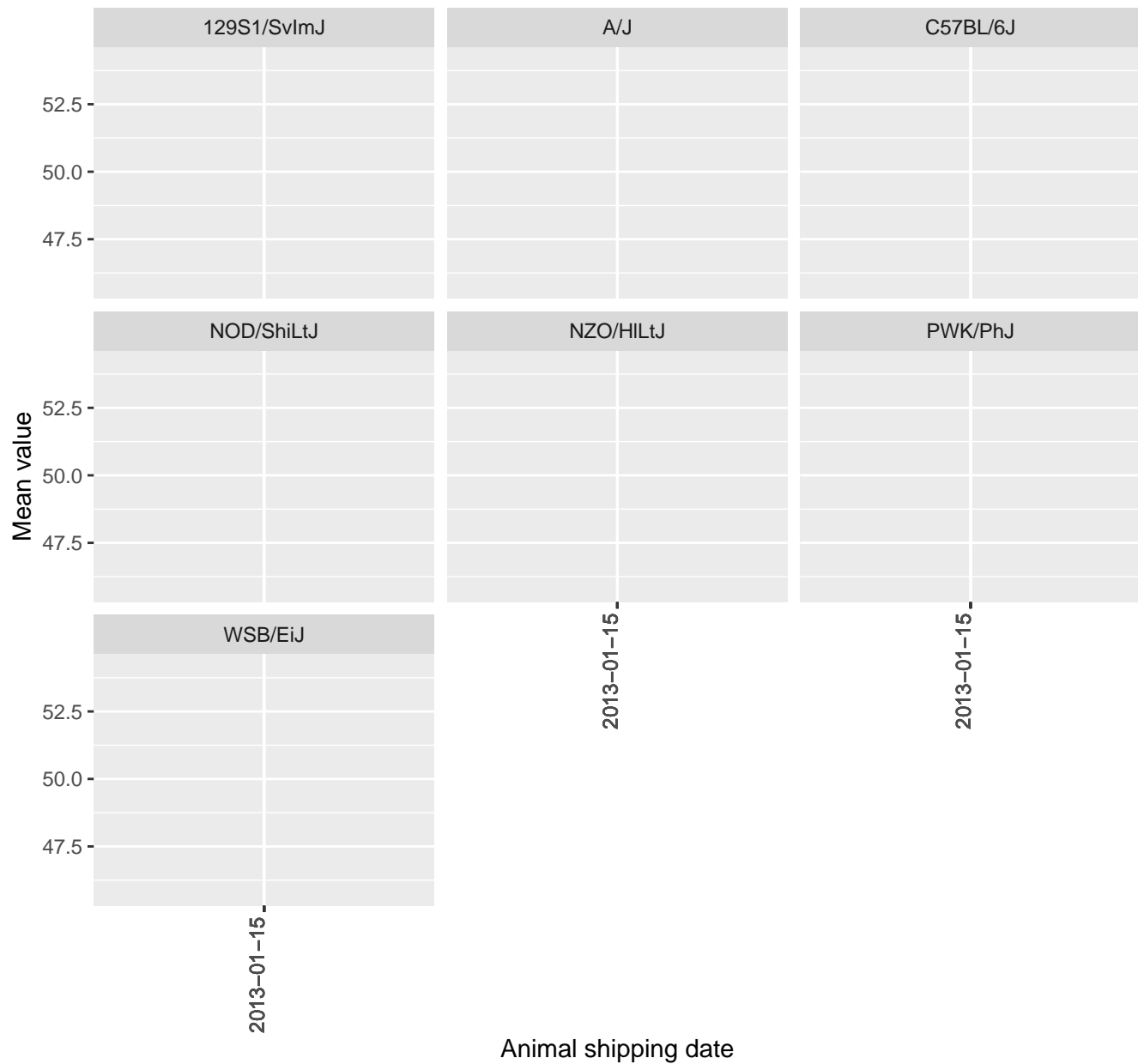
Procedure: GMC16

Parameter: TG_21

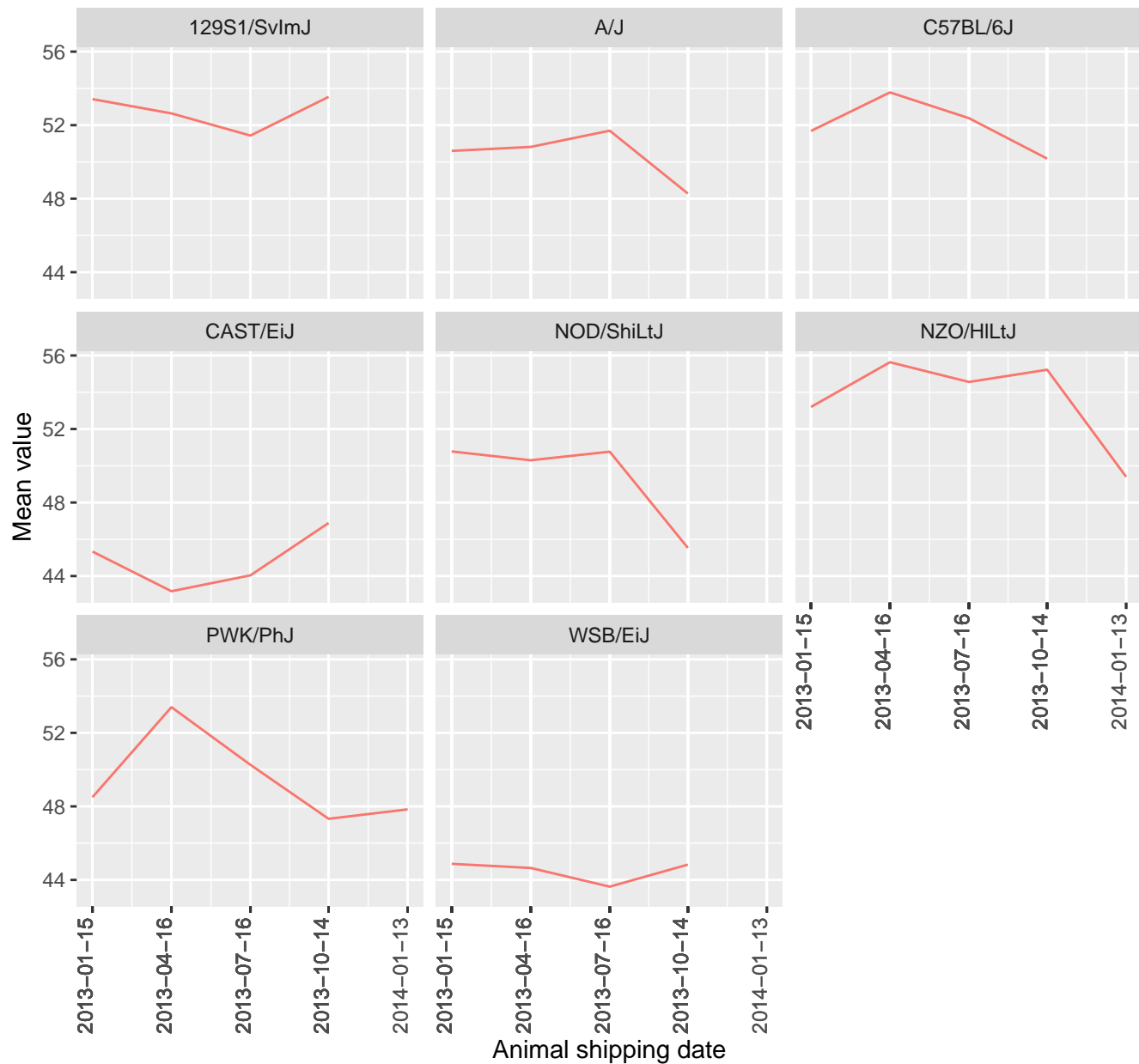


Procedure: GMC16

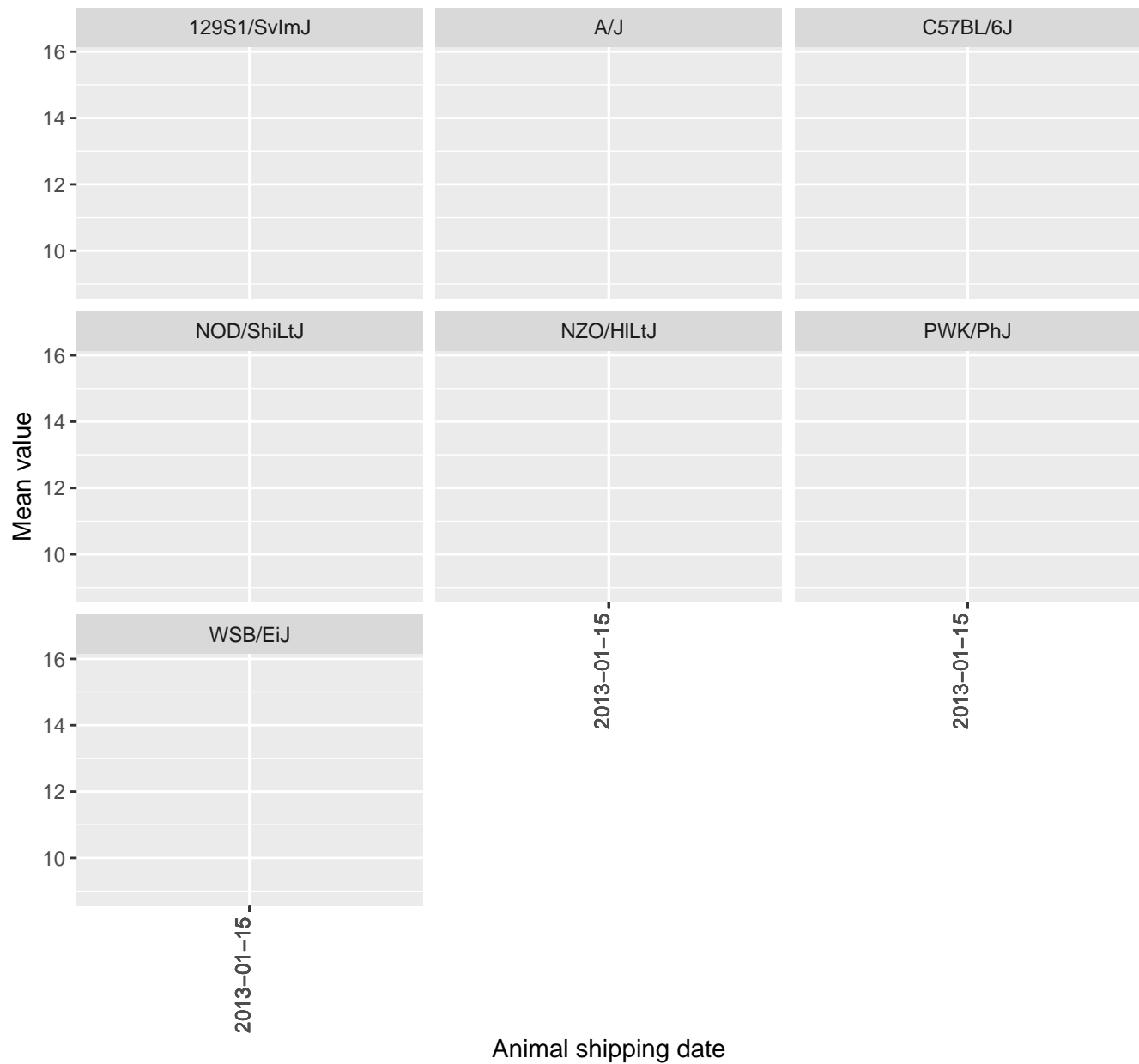
Parameter: total_protein_17



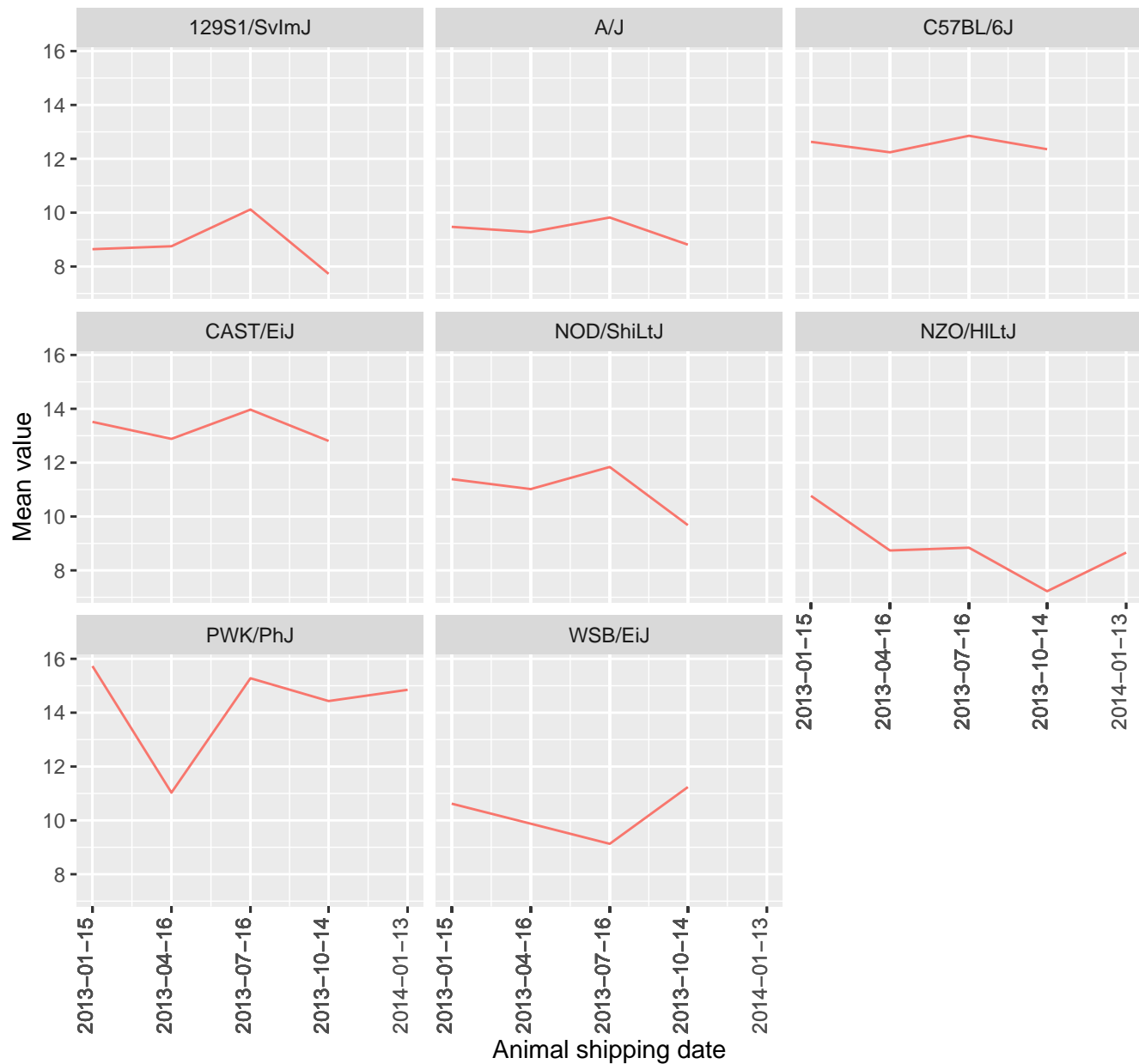
Procedure: GMC16
Parameter: total_protein_21



Procedure: GMC16
Parameter: urea_17

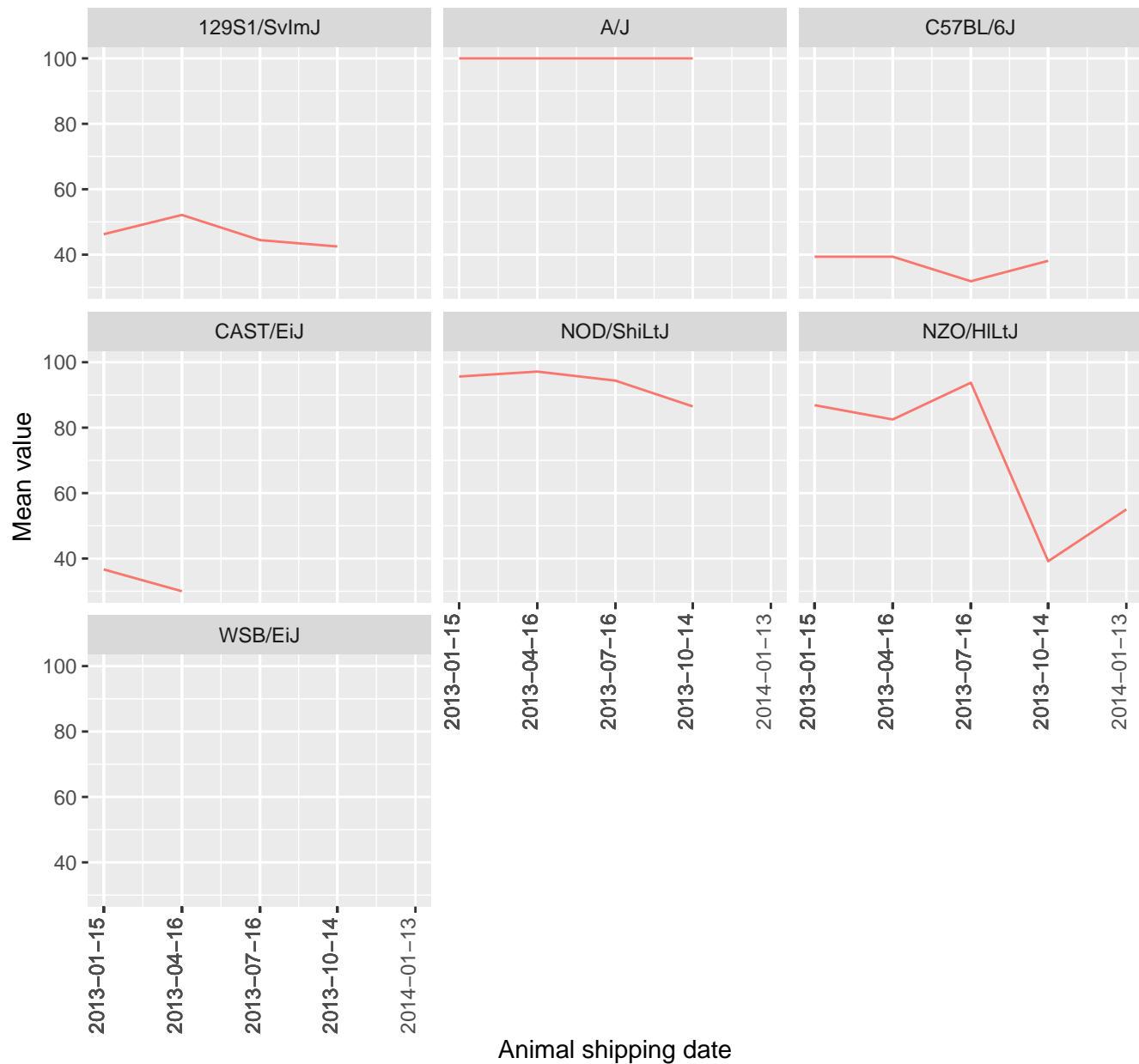


Procedure: GMC16
Parameter: urea_21



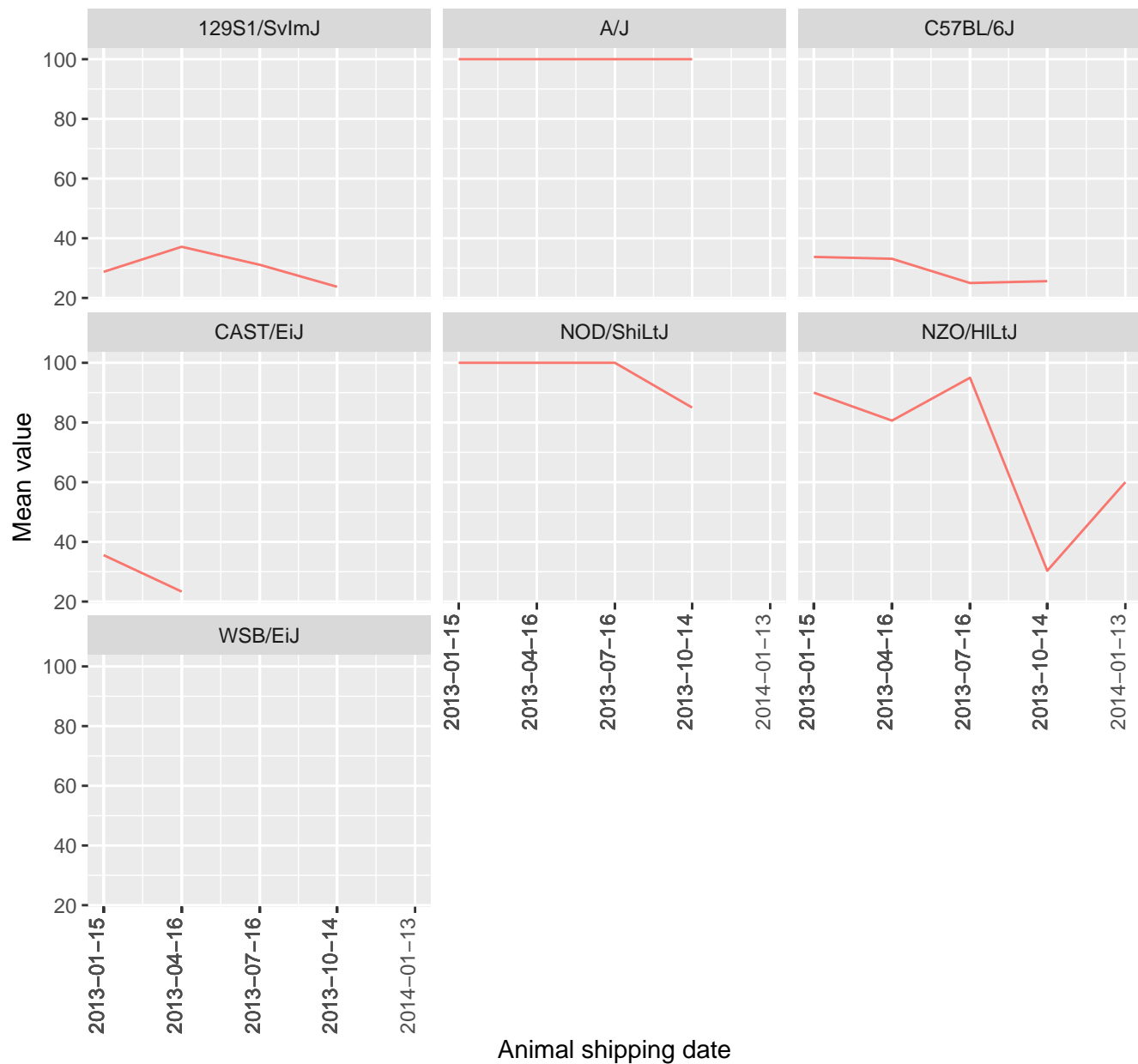
Procedure: GMC17

Parameter: click



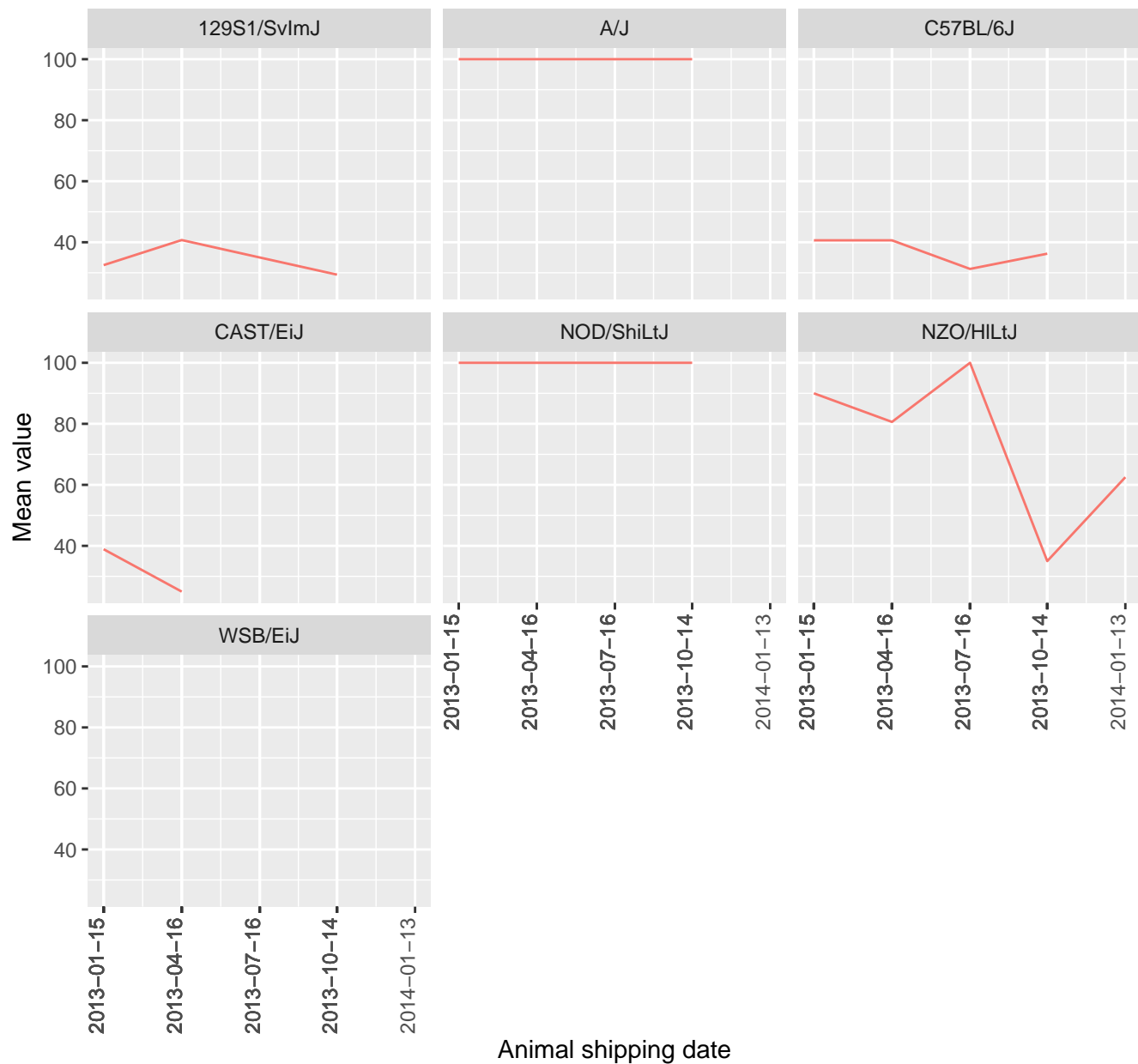
Procedure: GMC17

Parameter: pip_12



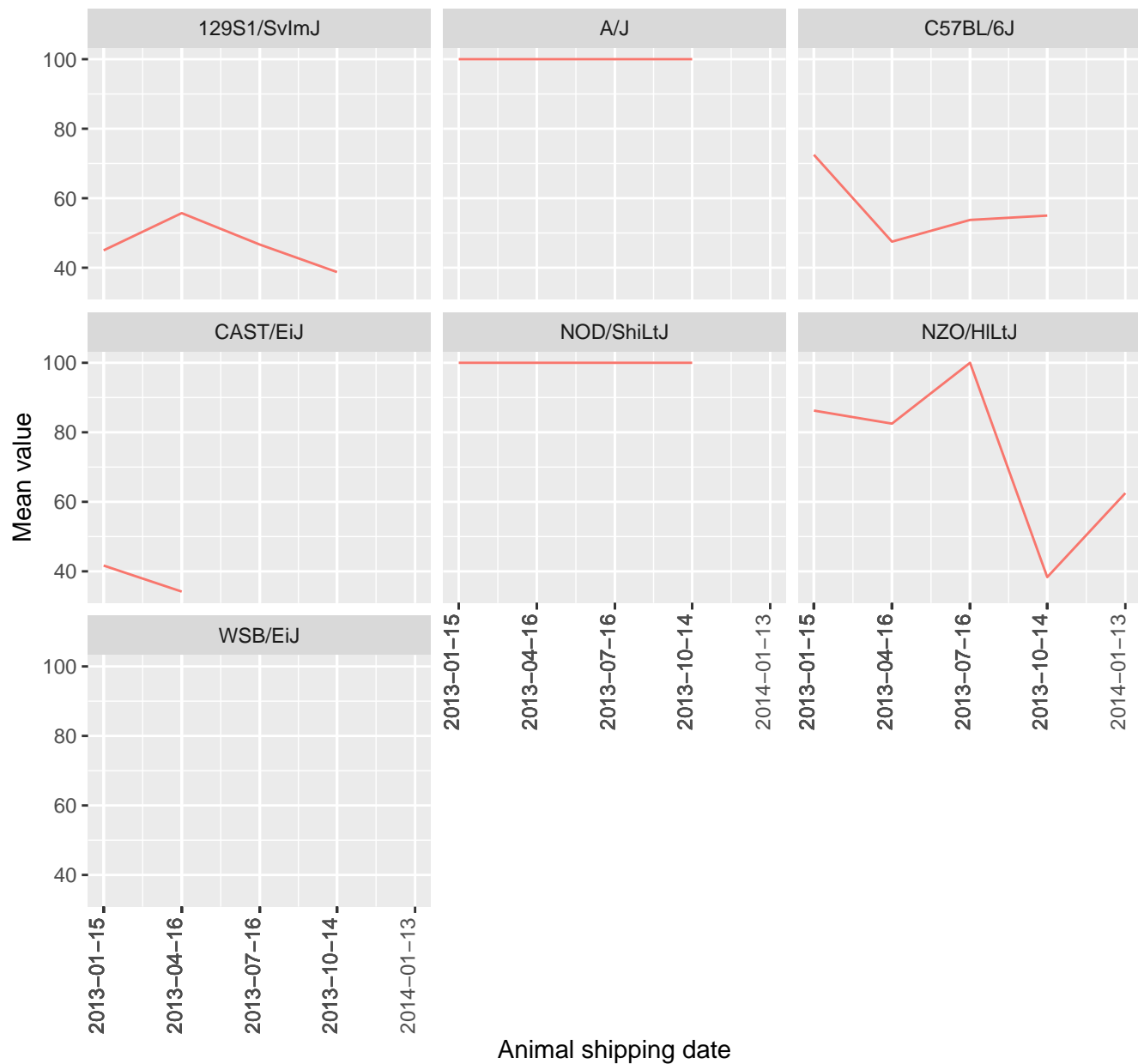
Procedure: GMC17

Parameter: pip_18



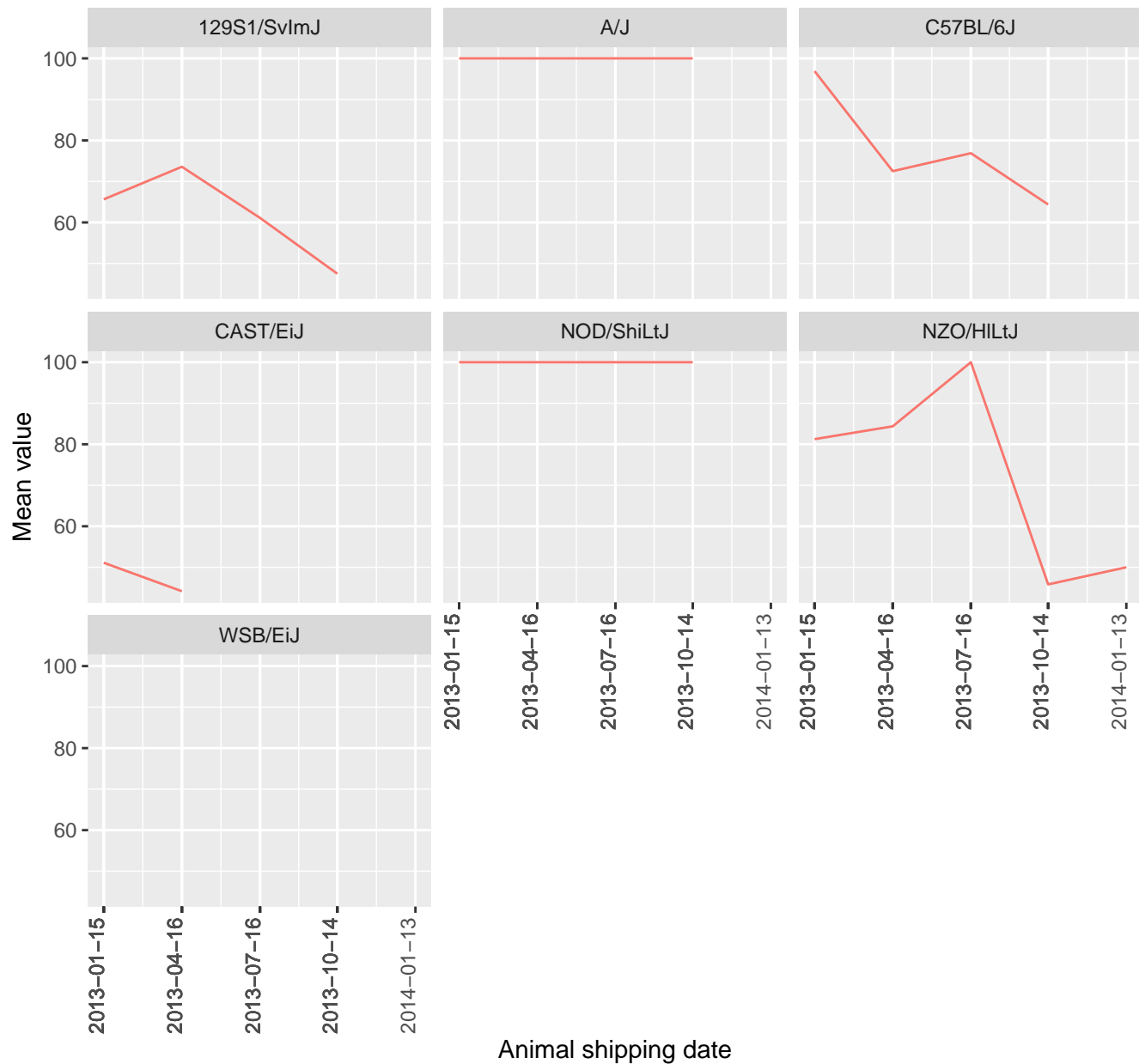
Procedure: GMC17

Parameter: pip_24



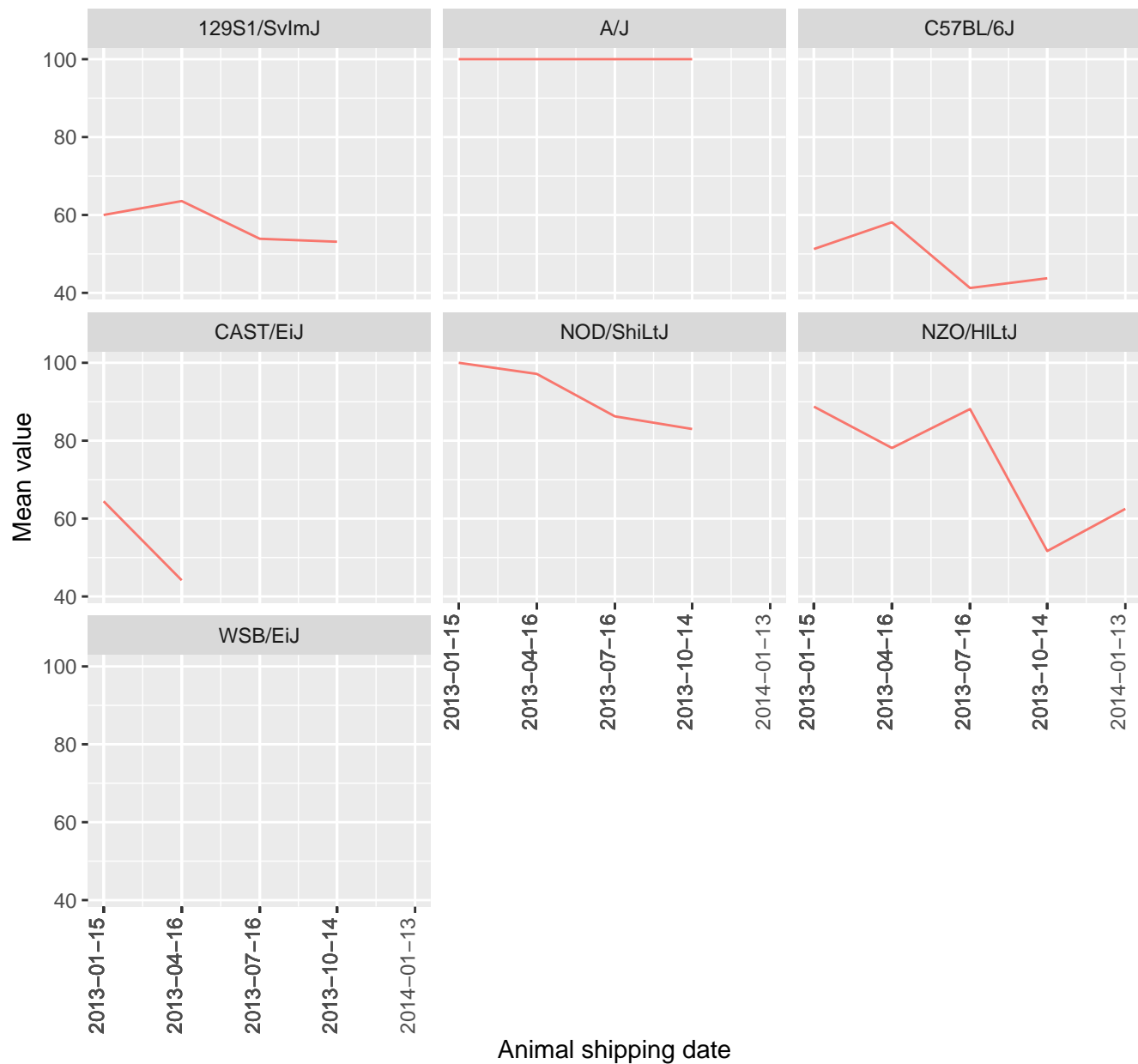
Procedure: GMC17

Parameter: pip_30



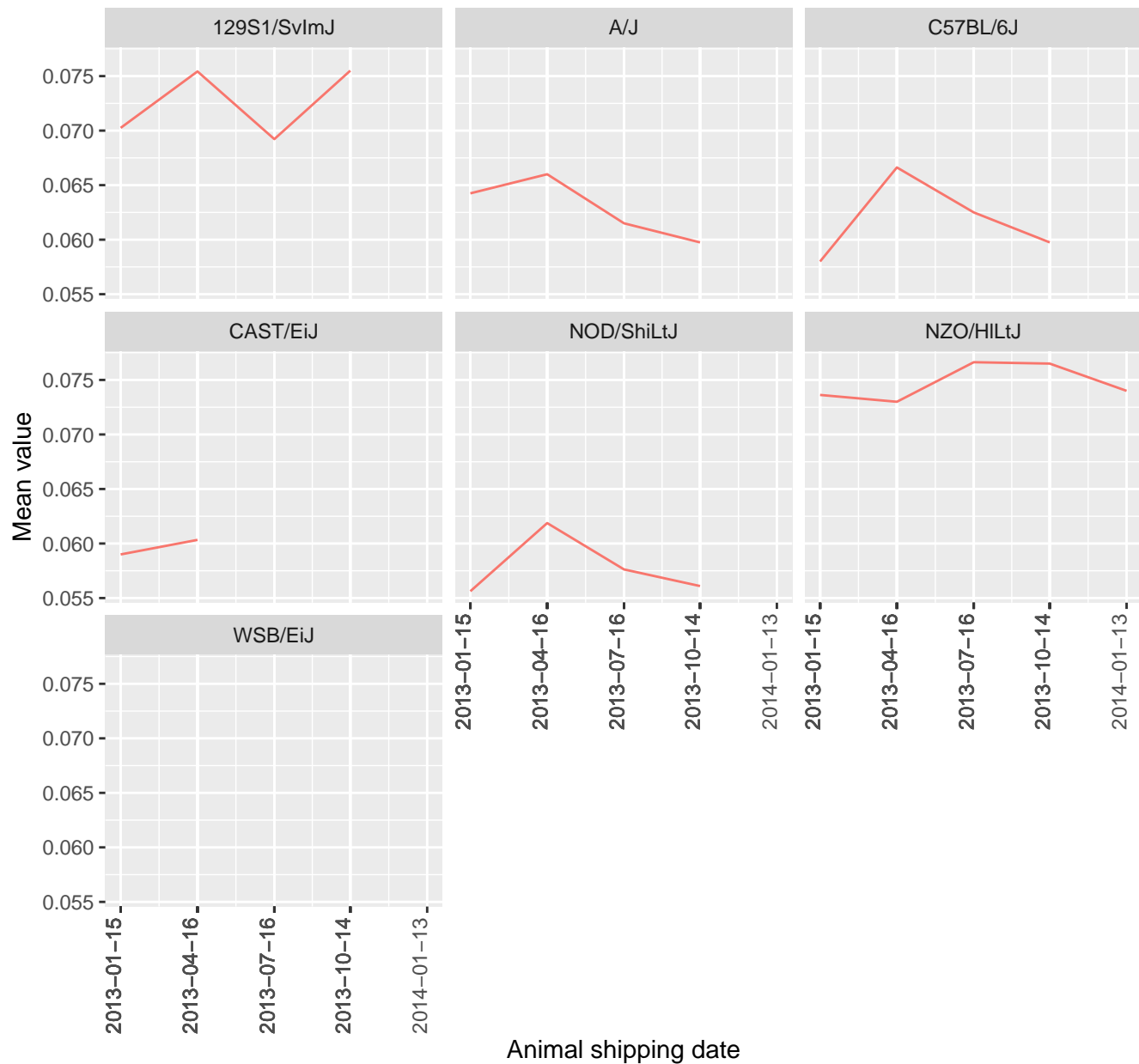
Procedure: GMC17

Parameter: pip_6

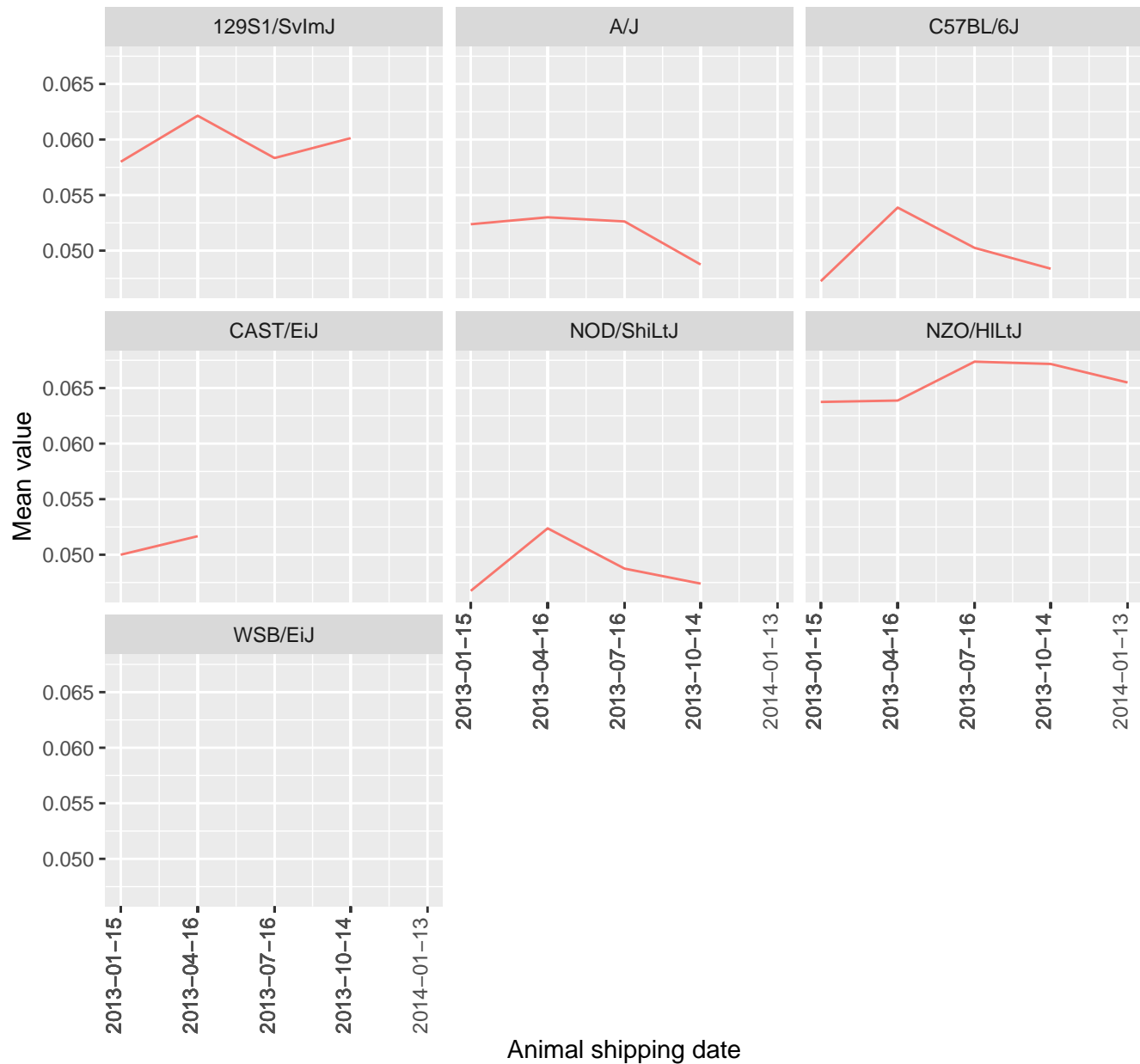


Procedure: GMC18

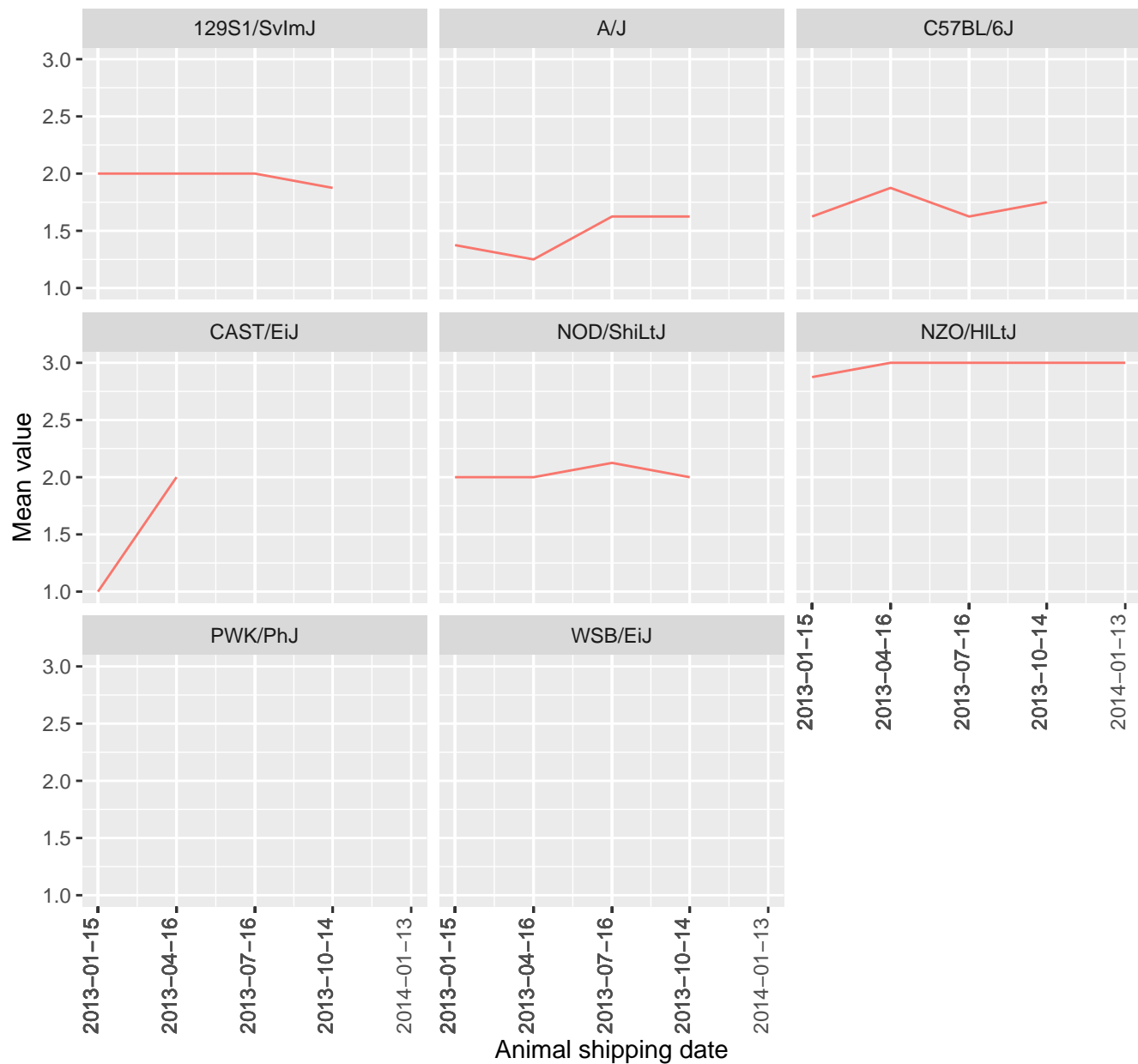
Parameter: BMD_wholebody



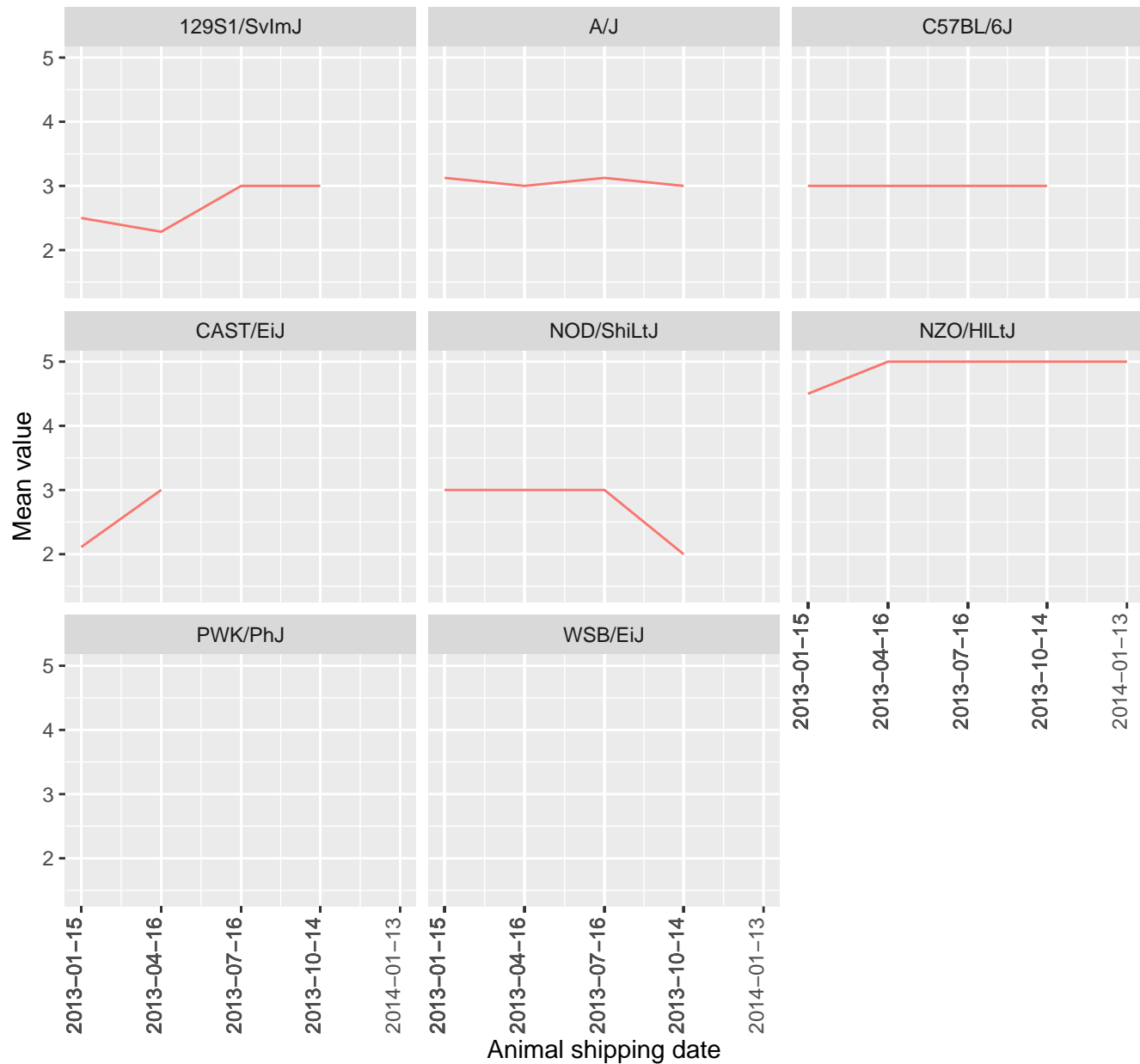
Procedure: GMC18
Parameter: BMD_Xhead



Procedure: GMC18
Parameter: body_size

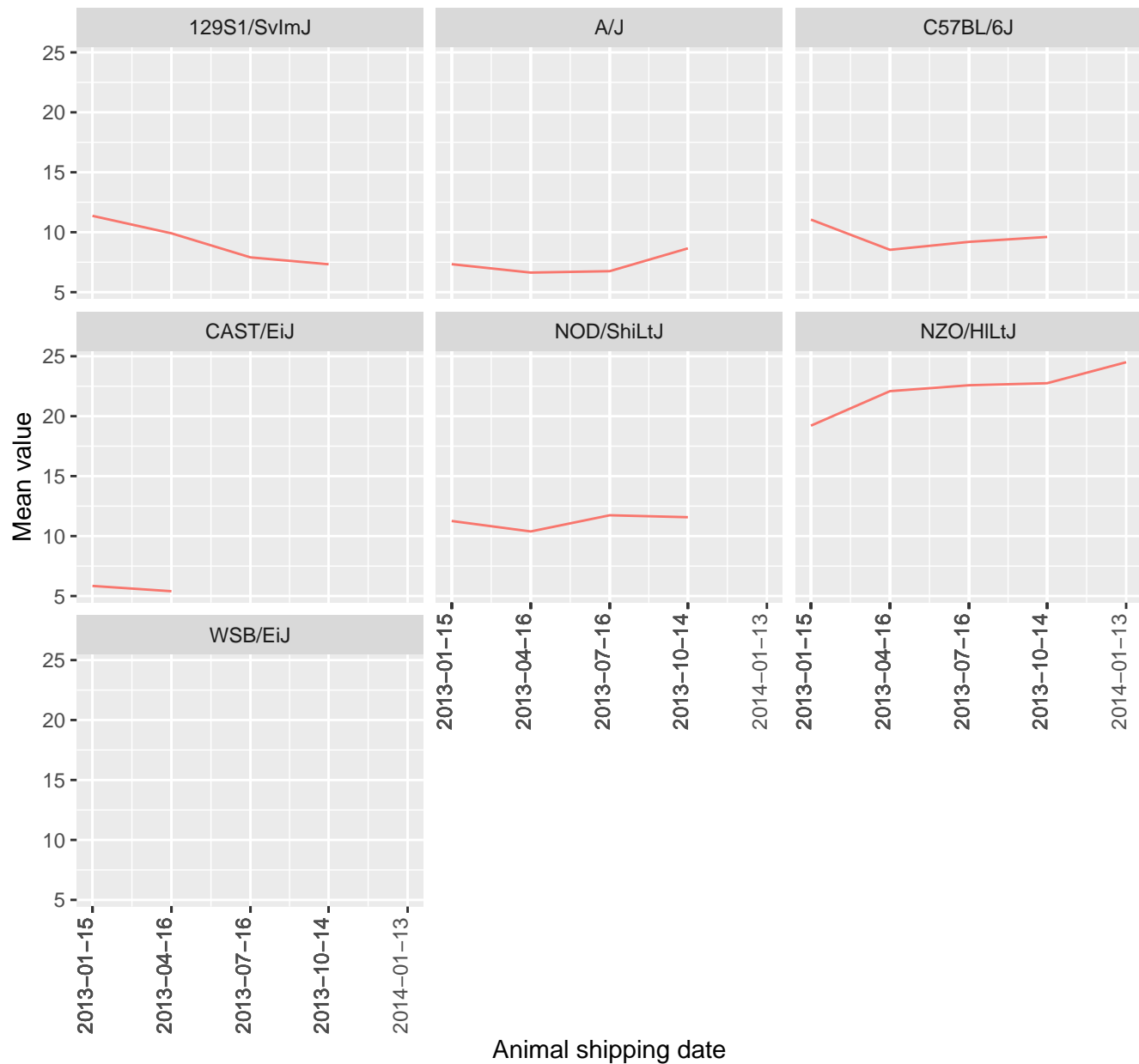


Procedure: GMC18
Parameter: body_type

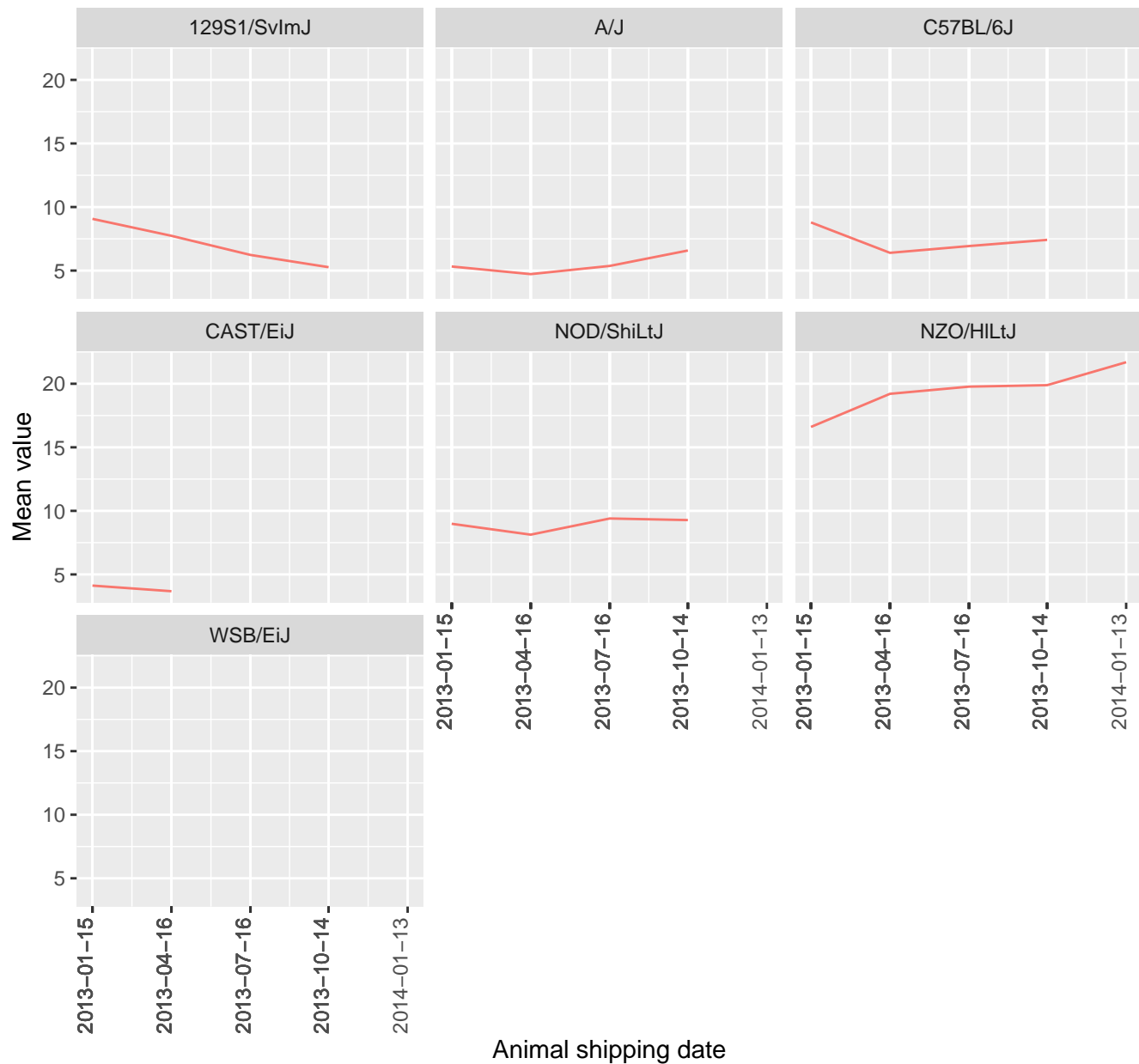


Procedure: GMC18

Parameter: bone_area_wholebody

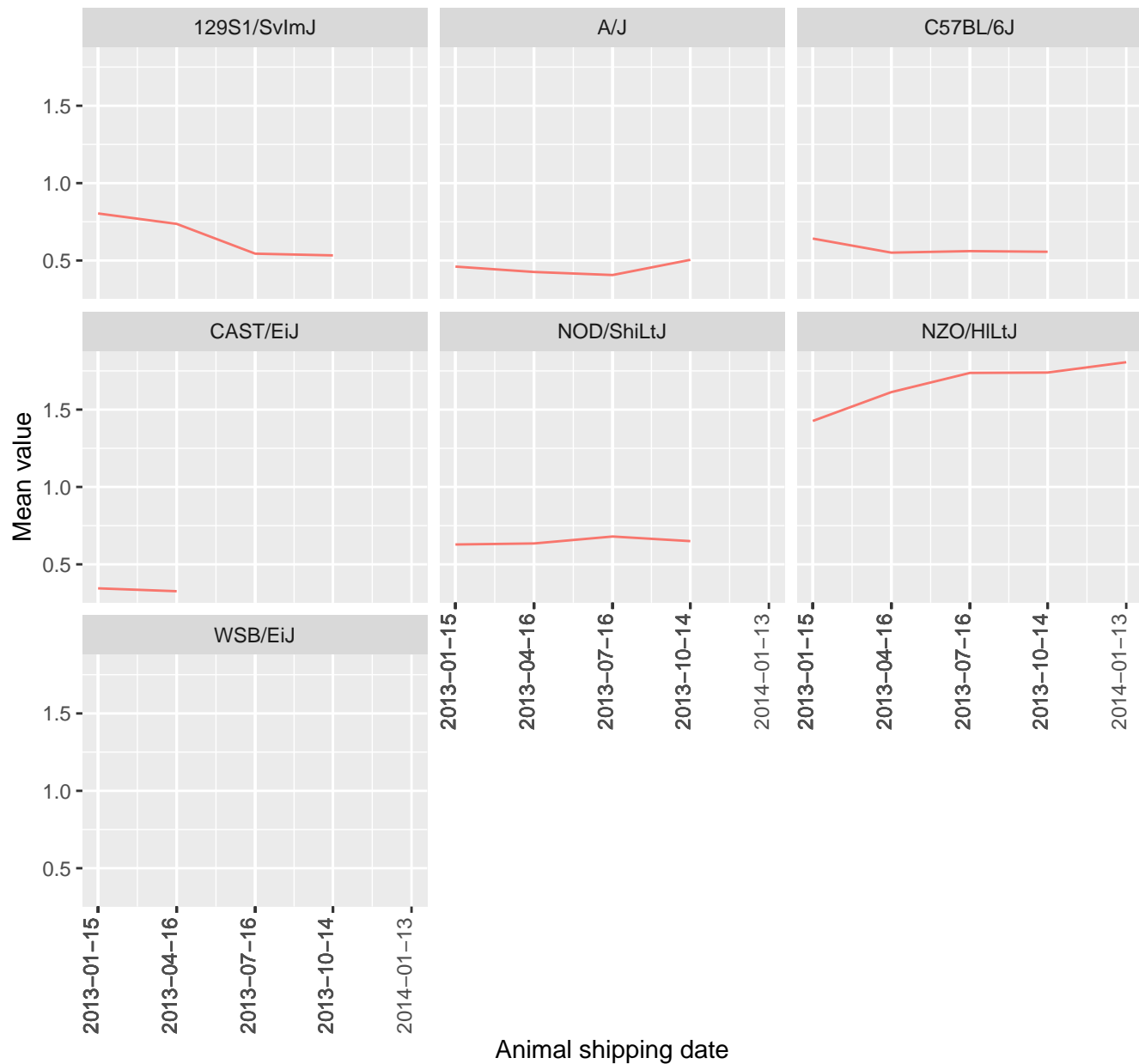


Procedure: GMC18
Parameter: bone_area_Xhead



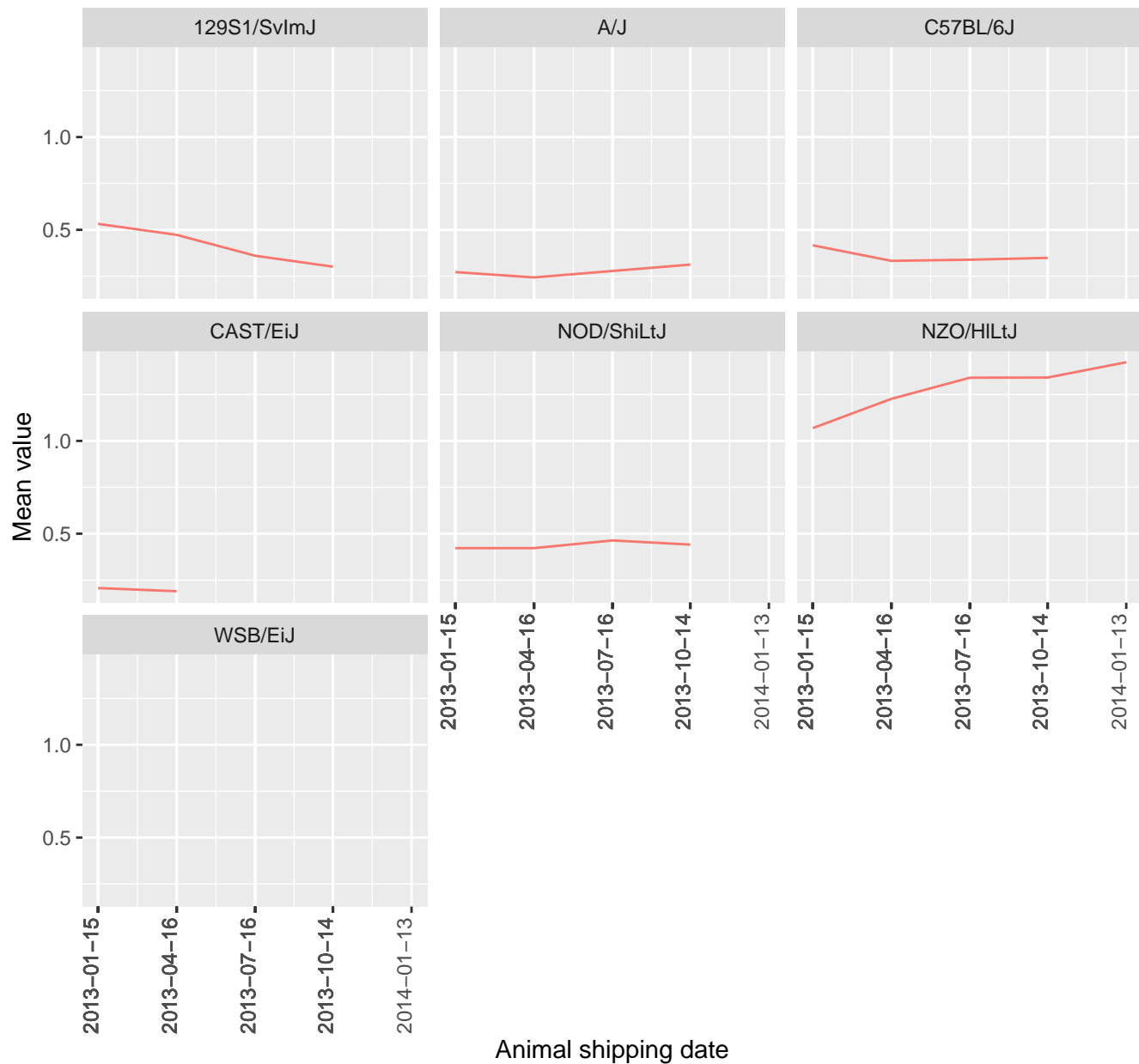
Procedure: GMC18

Parameter: bone_mass_wholebody



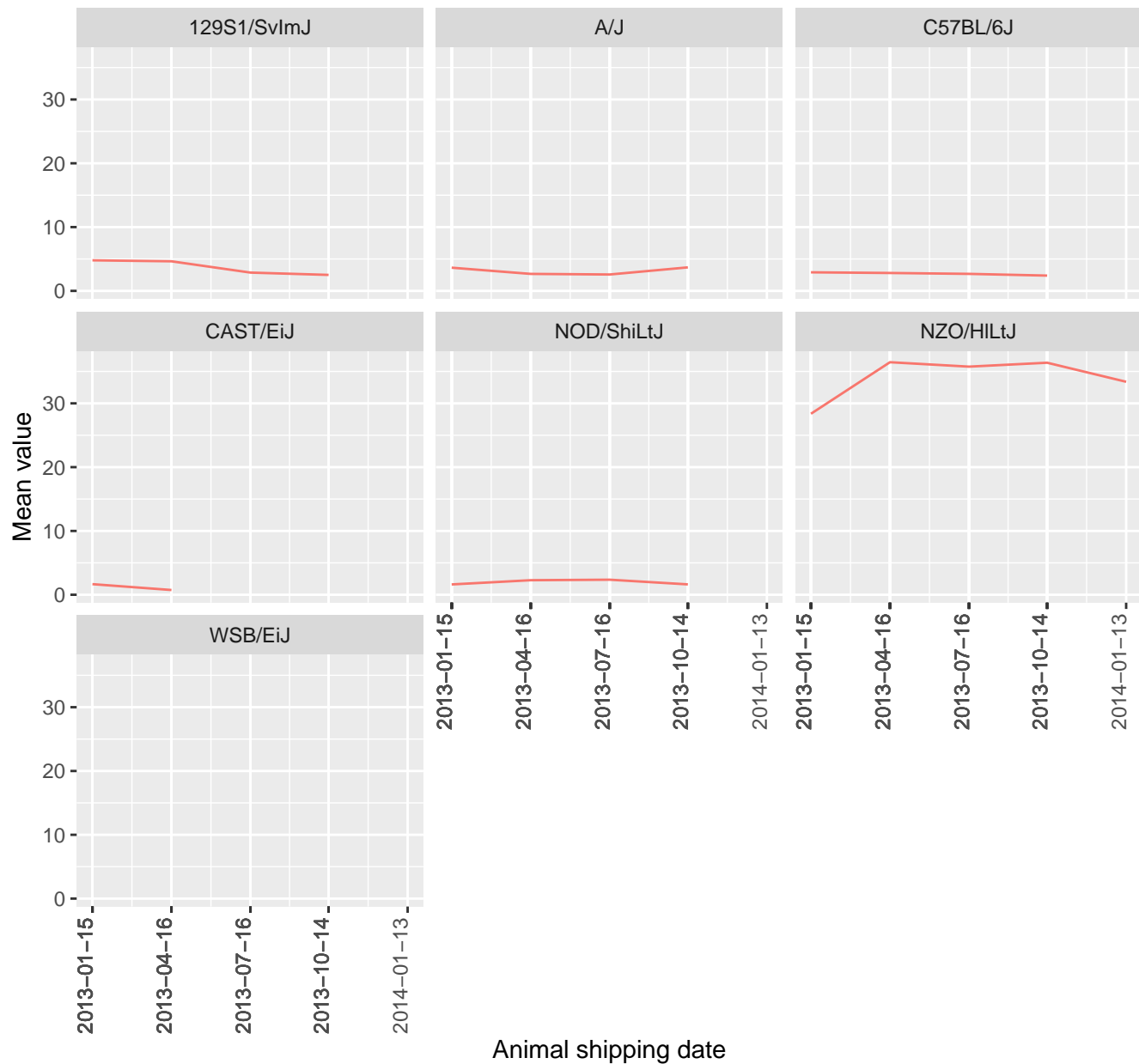
Procedure: GMC18

Parameter: bone_mass_Xhead

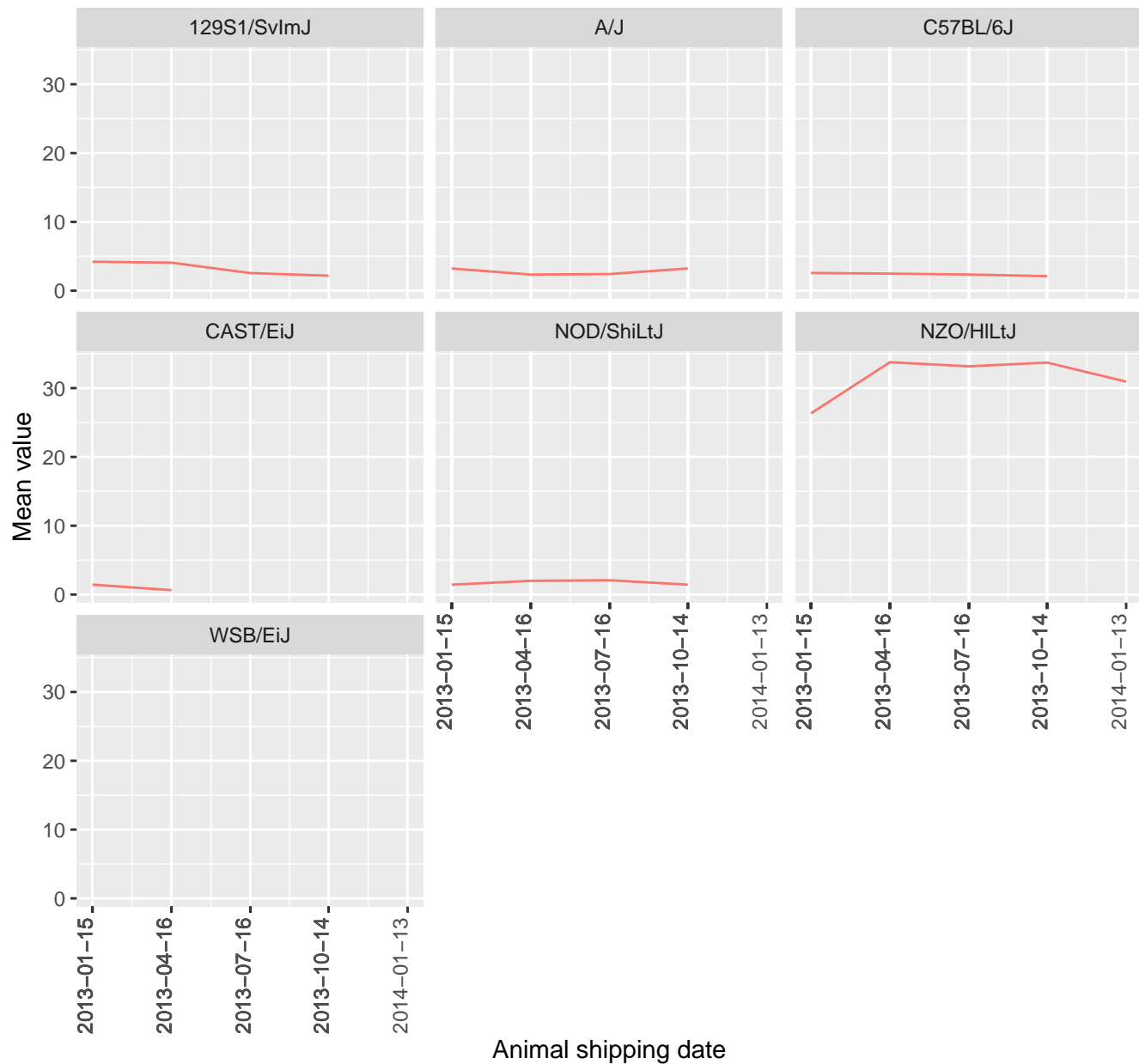


Procedure: GMC18

Parameter: FATmass_wholebody

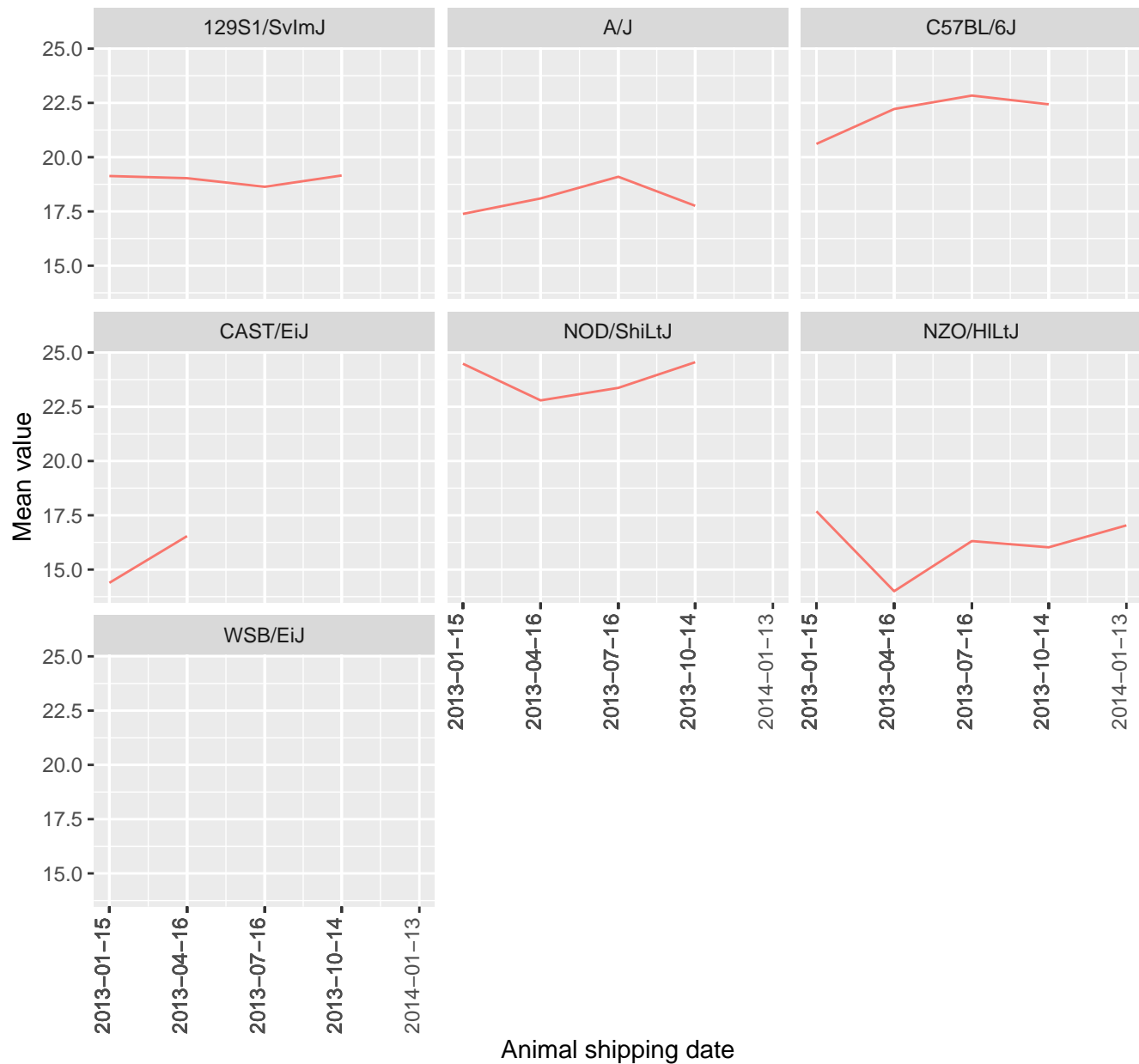


Procedure: GMC18
Parameter: FATmass_Xhead



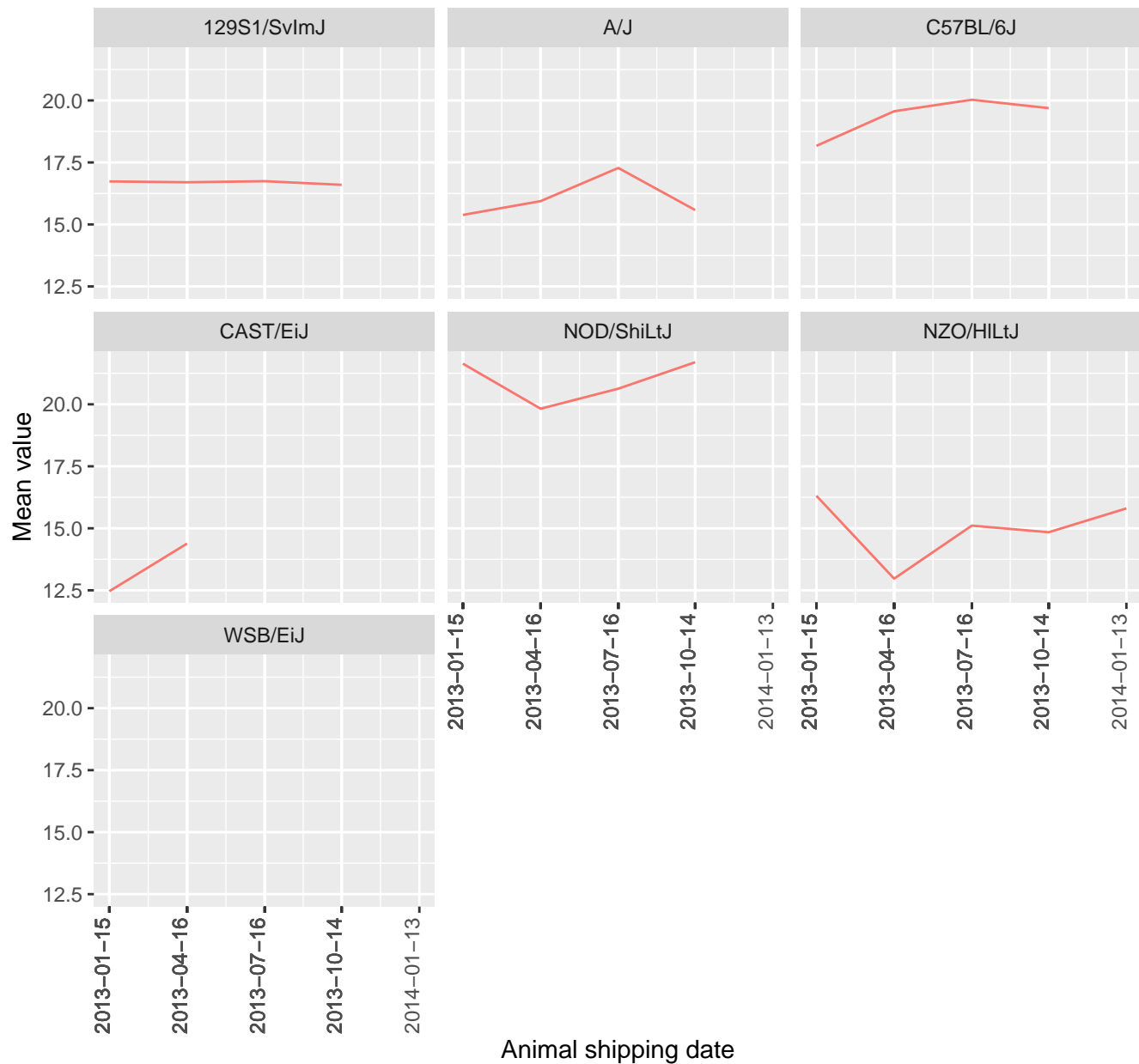
Procedure: GMC18

Parameter: LEANmass_wholebody

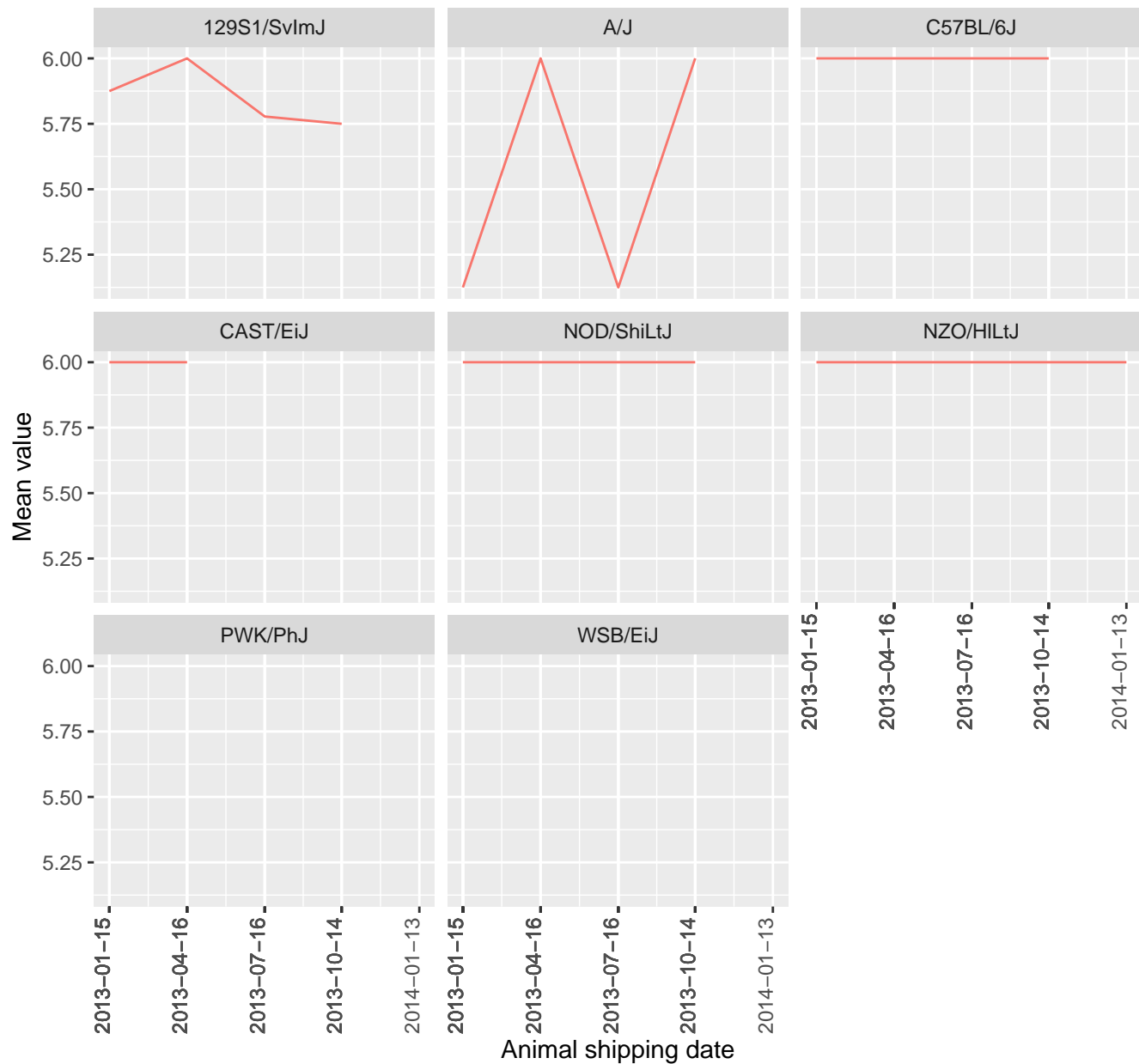


Procedure: GMC18

Parameter: LEANmass_Xhead

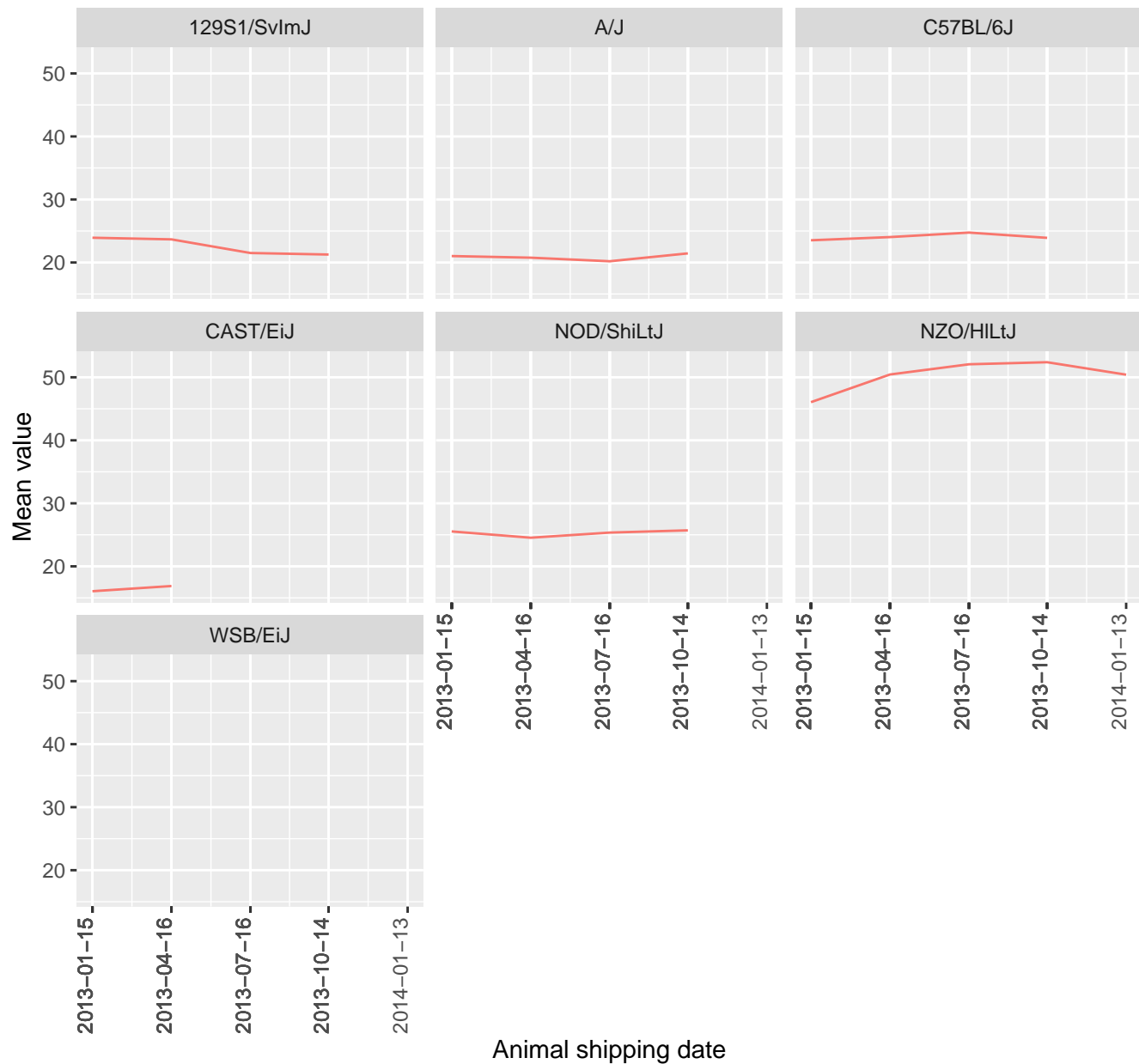


Procedure: GMC18
Parameter: lumbar_num



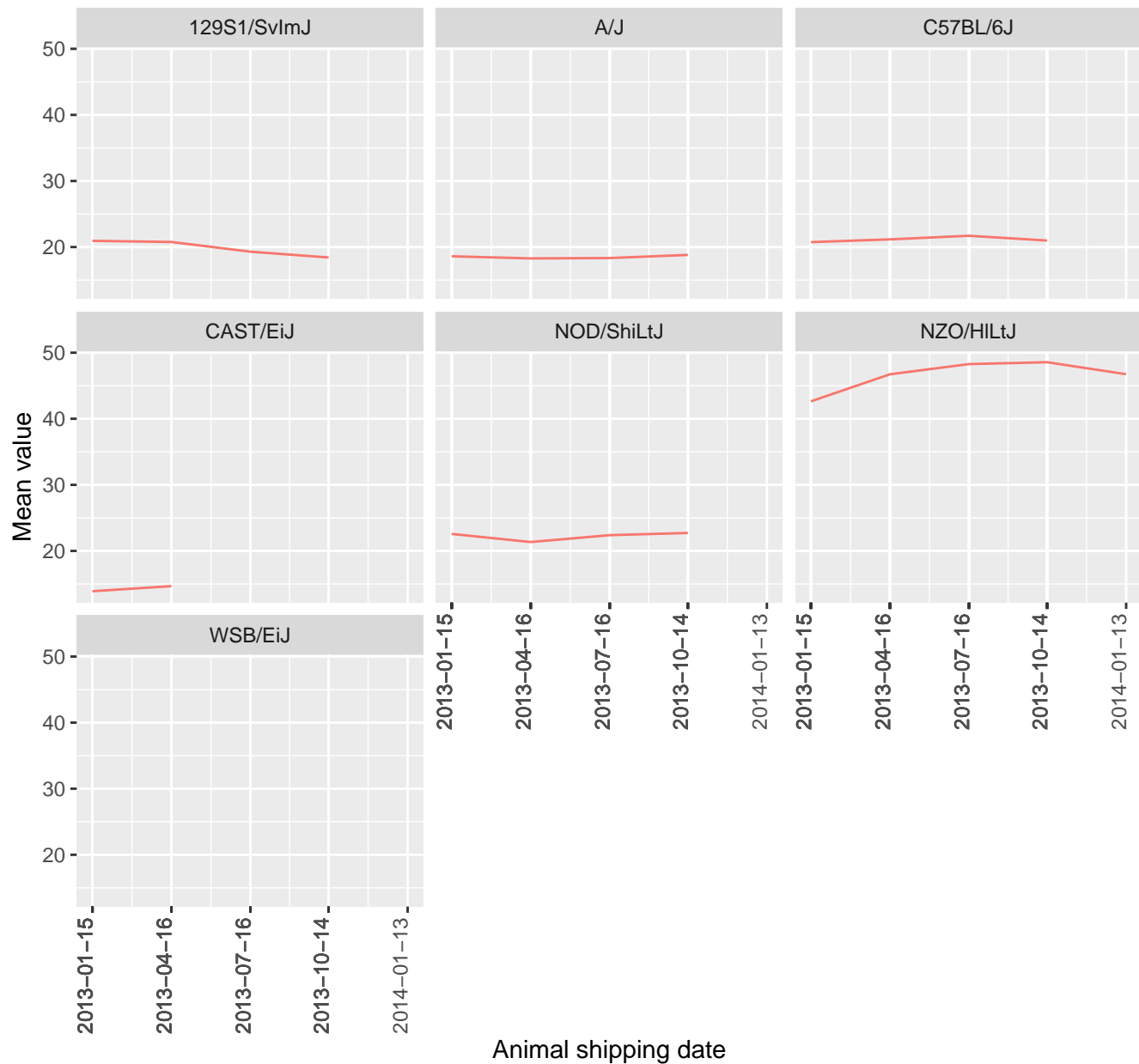
Procedure: GMC18

Parameter: SOFTmass_wholebody

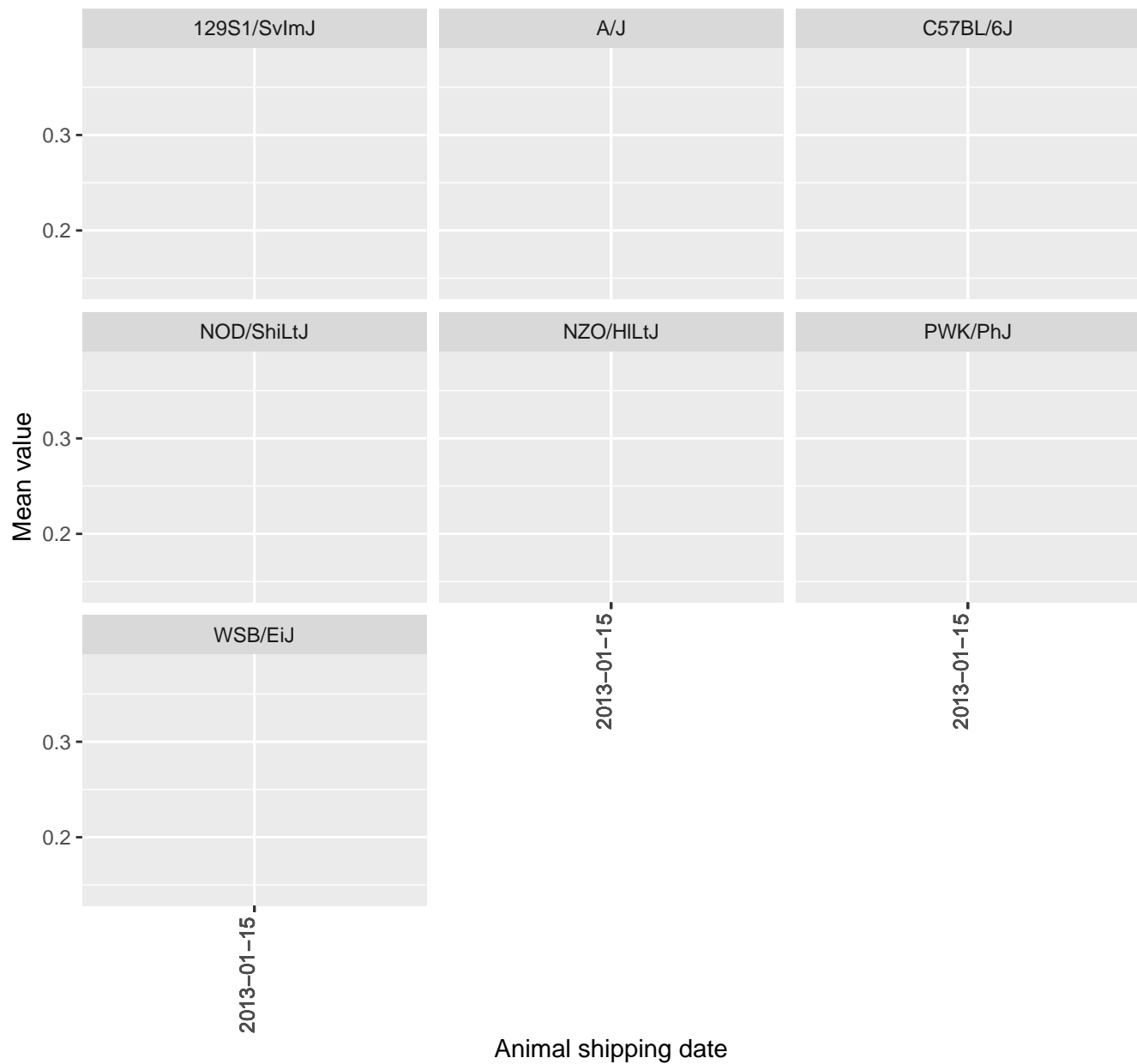


Procedure: GMC18

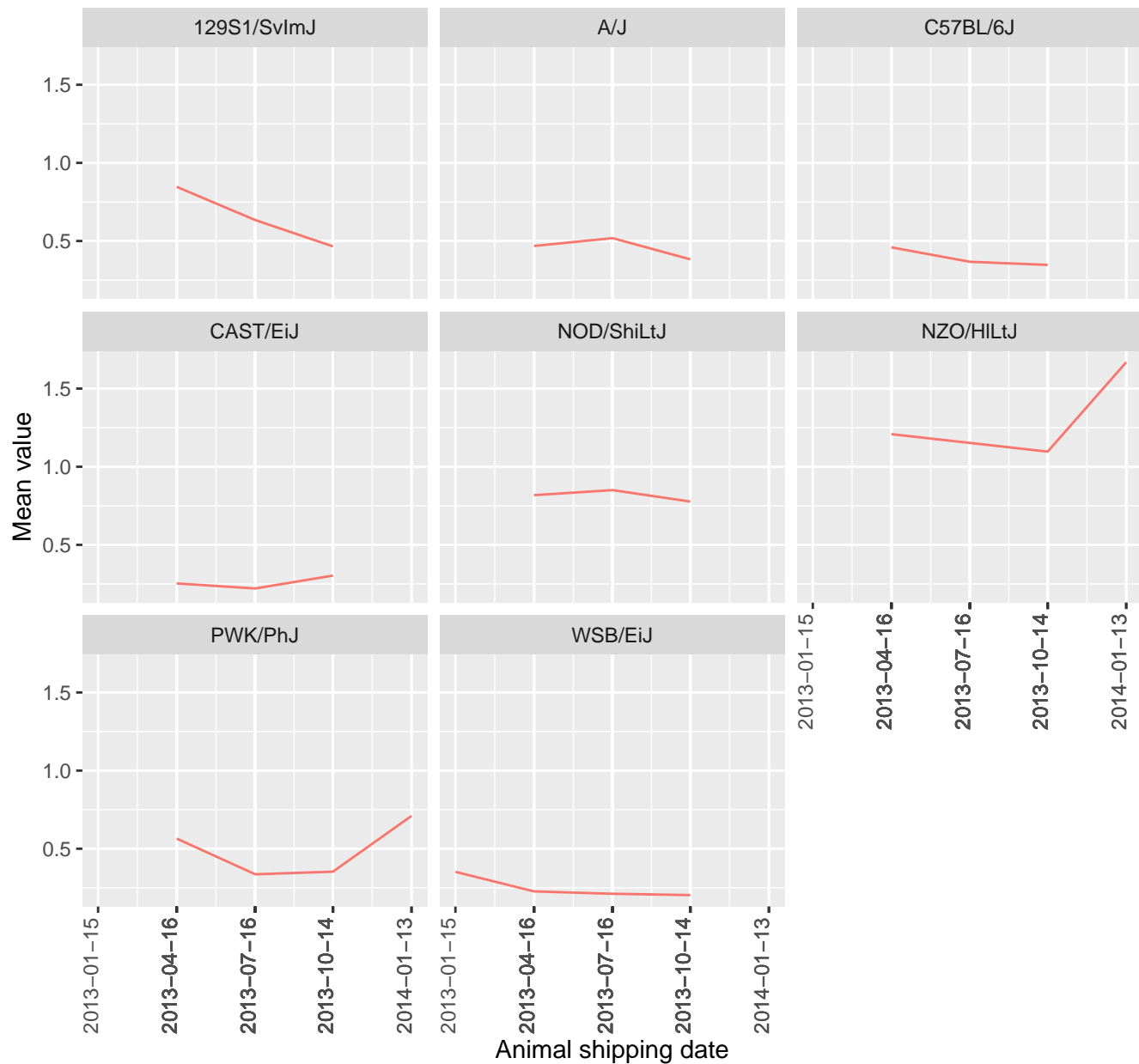
Parameter: SOFTmass_Xhead



Procedure: GMC20
Parameter: aDNA_17

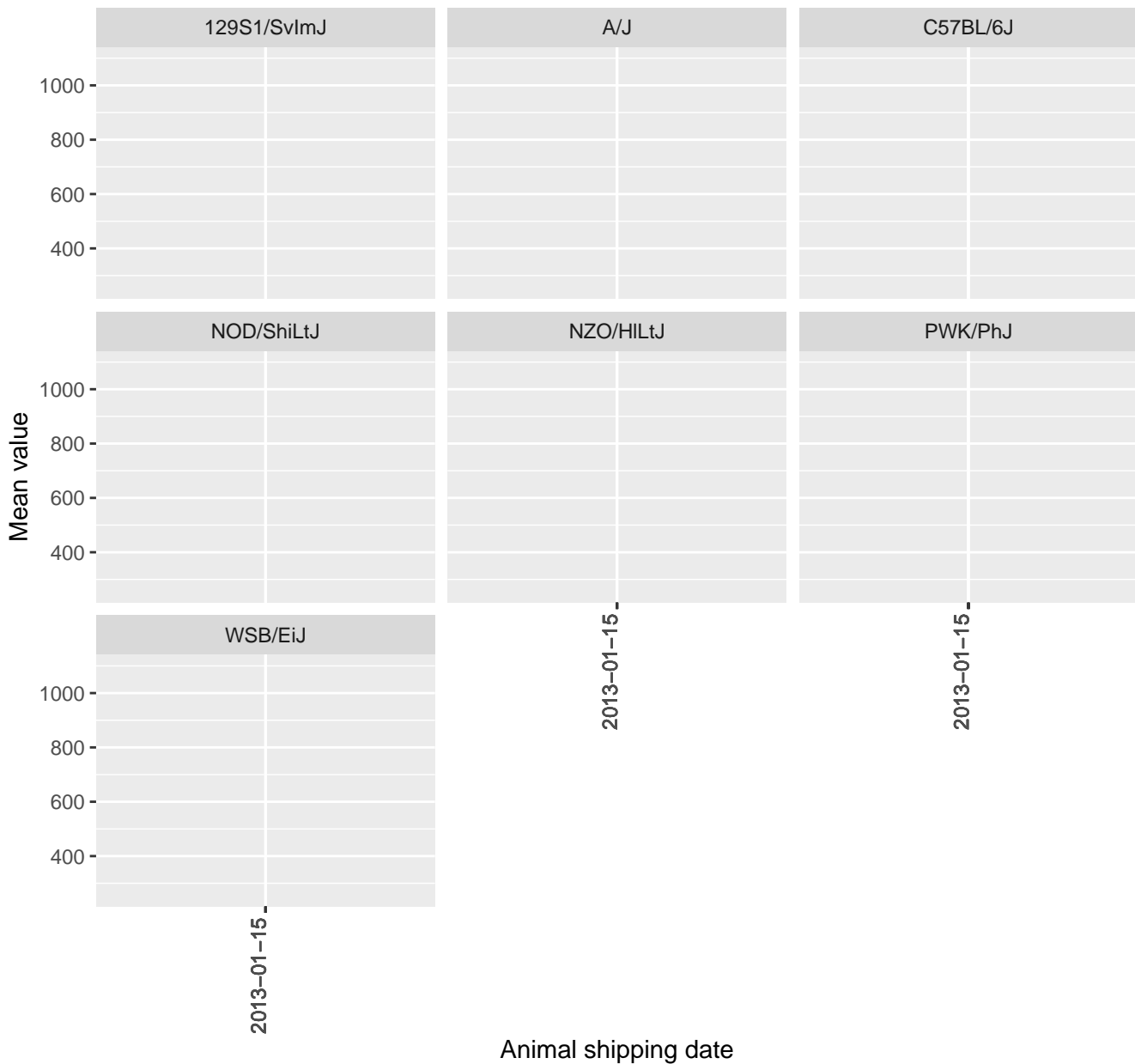


Procedure: GMC20
Parameter: aDNA_21



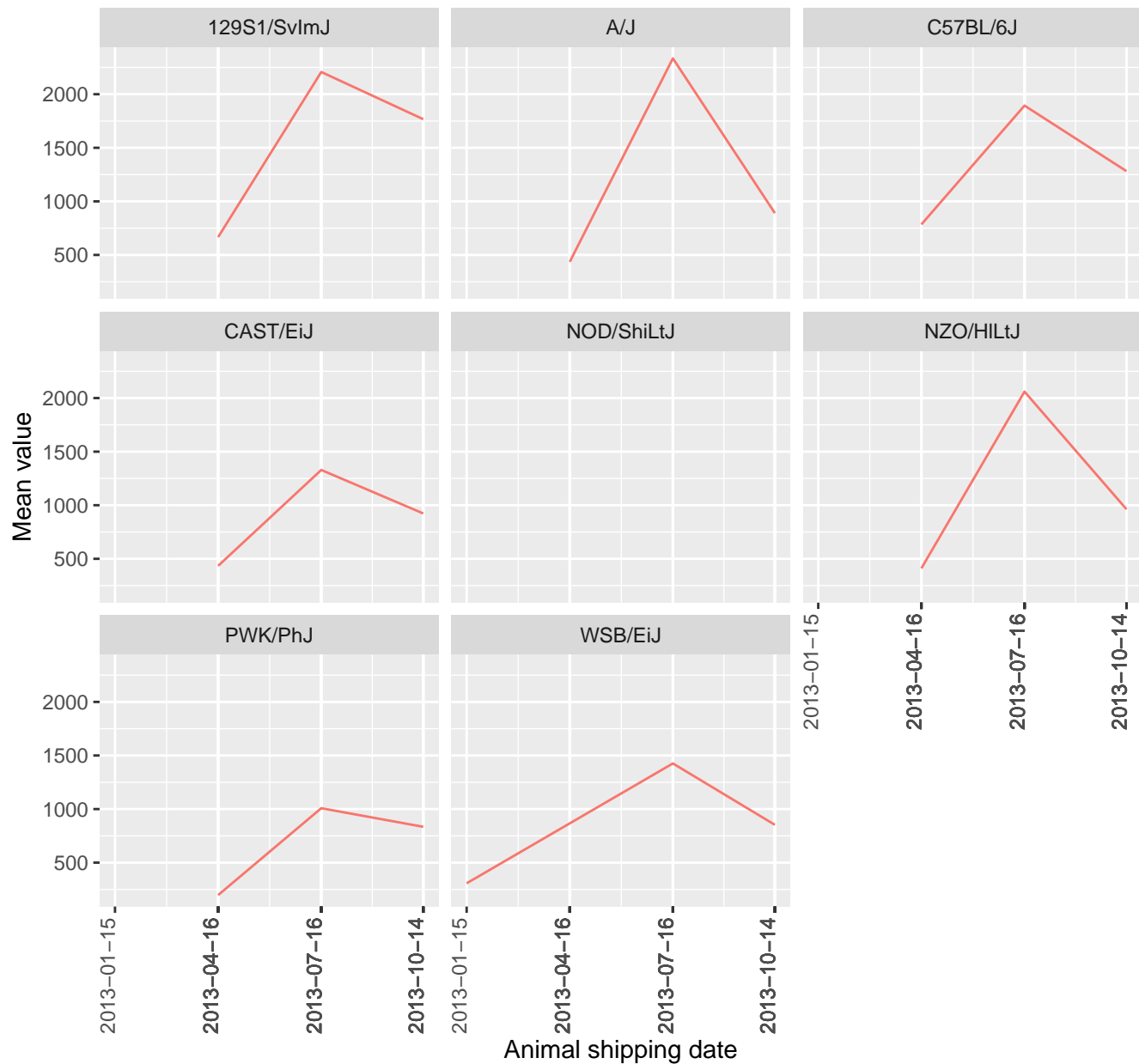
Procedure: GMC20

Parameter: IgA_17



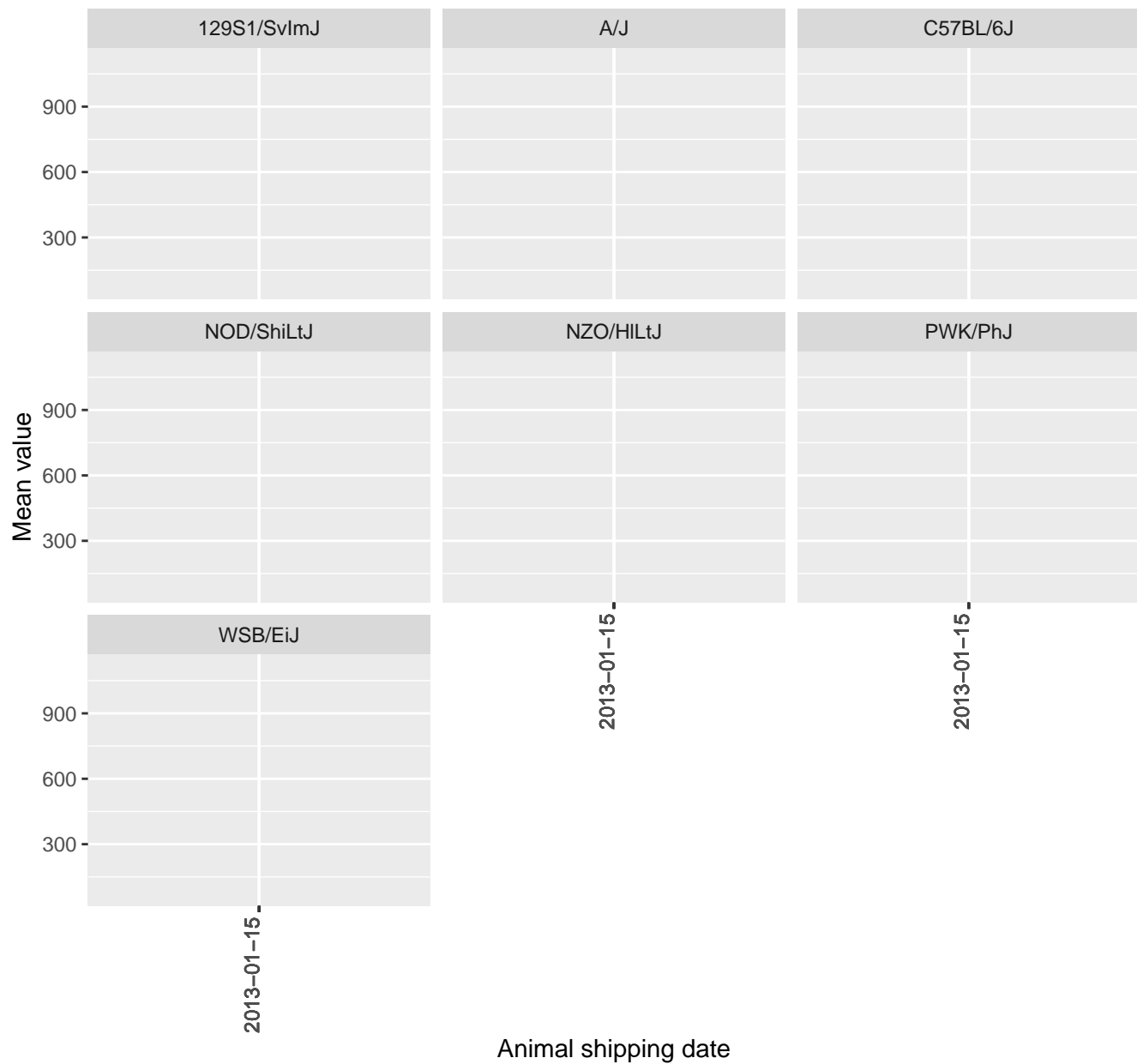
Procedure: GMC20

Parameter: IgA_21



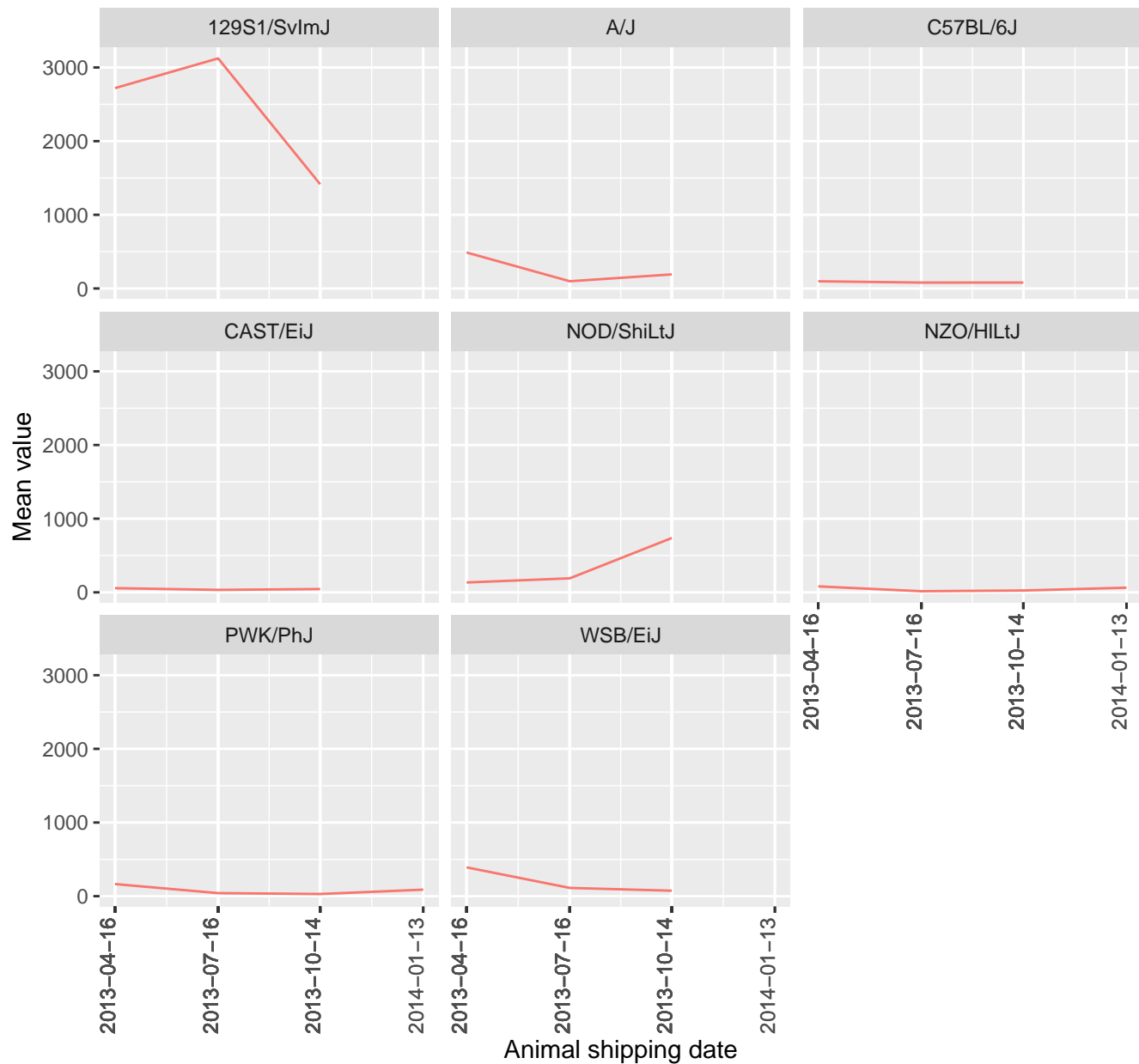
Procedure: GMC20

Parameter: IgE_17

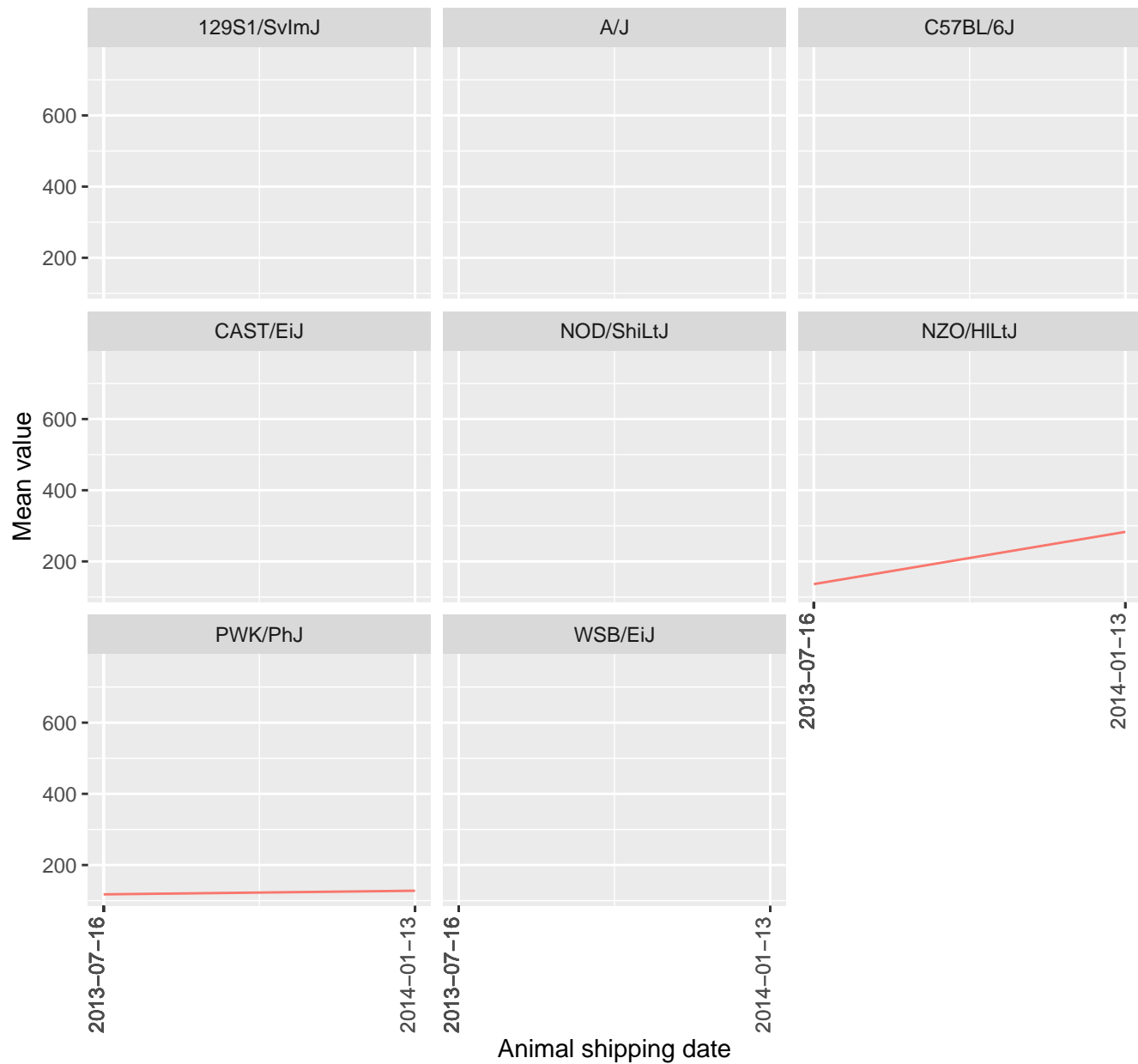


Procedure: GMC20

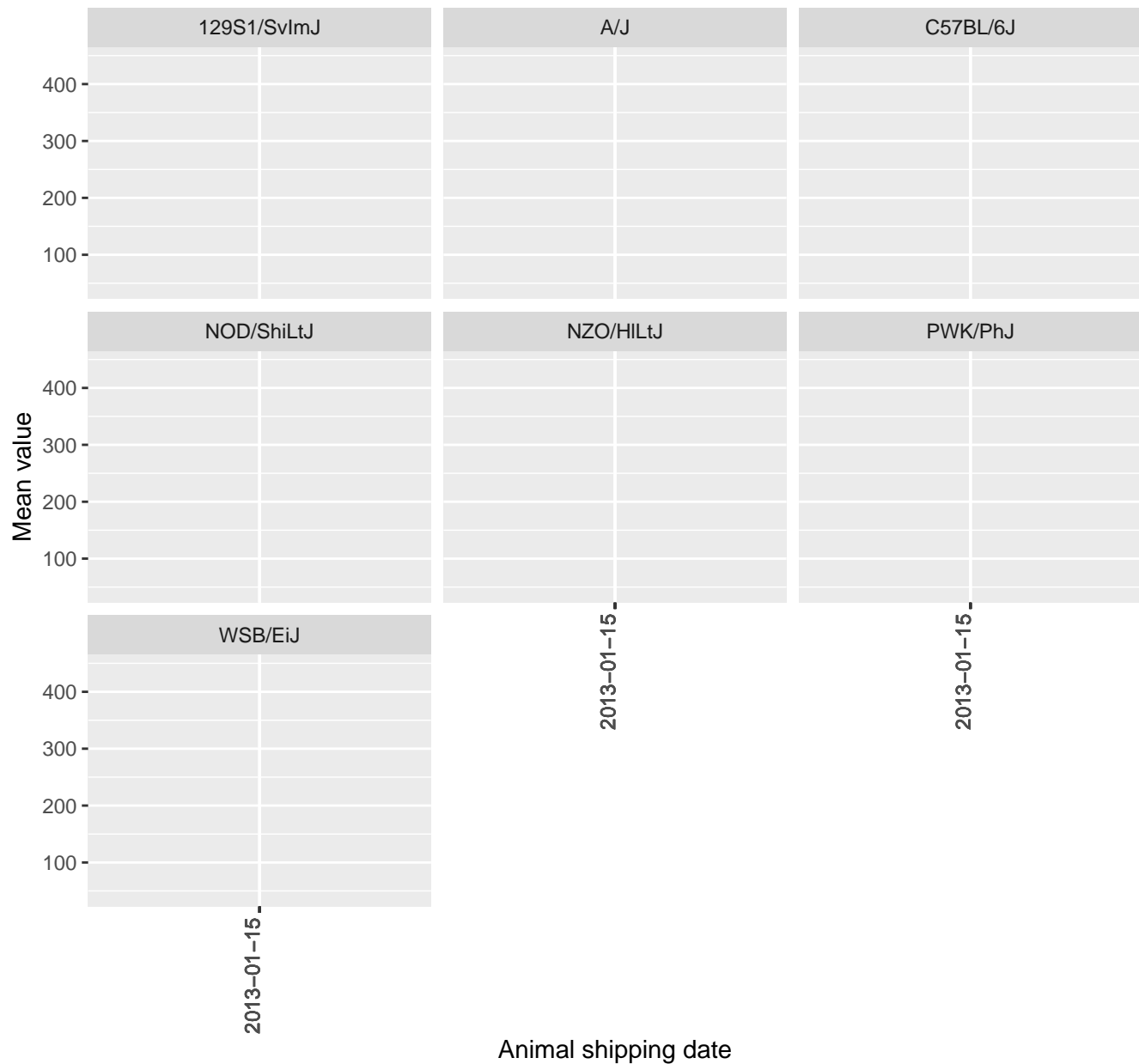
Parameter: IgE_21



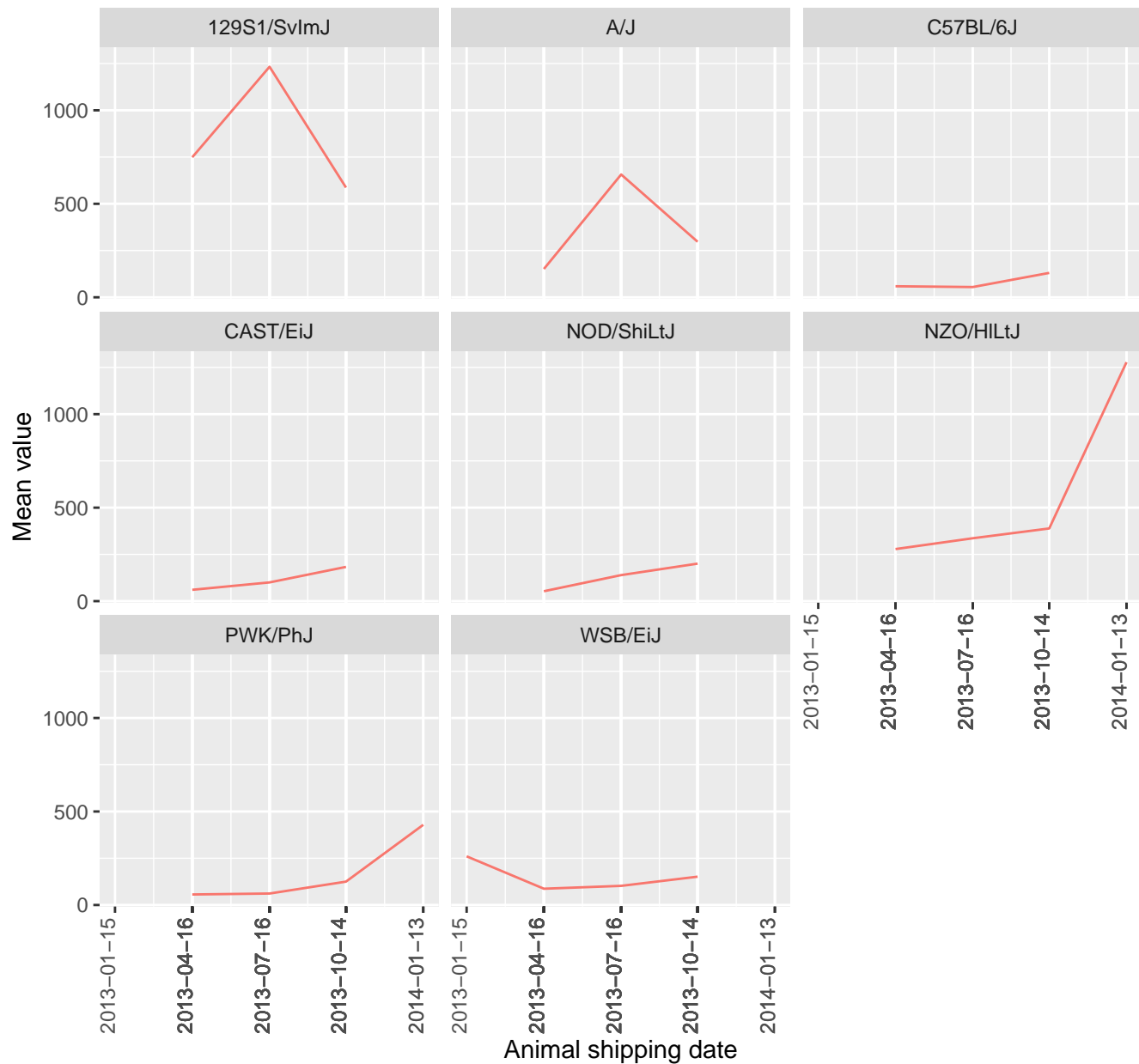
Procedure: GMC20
Parameter: IgG1_21



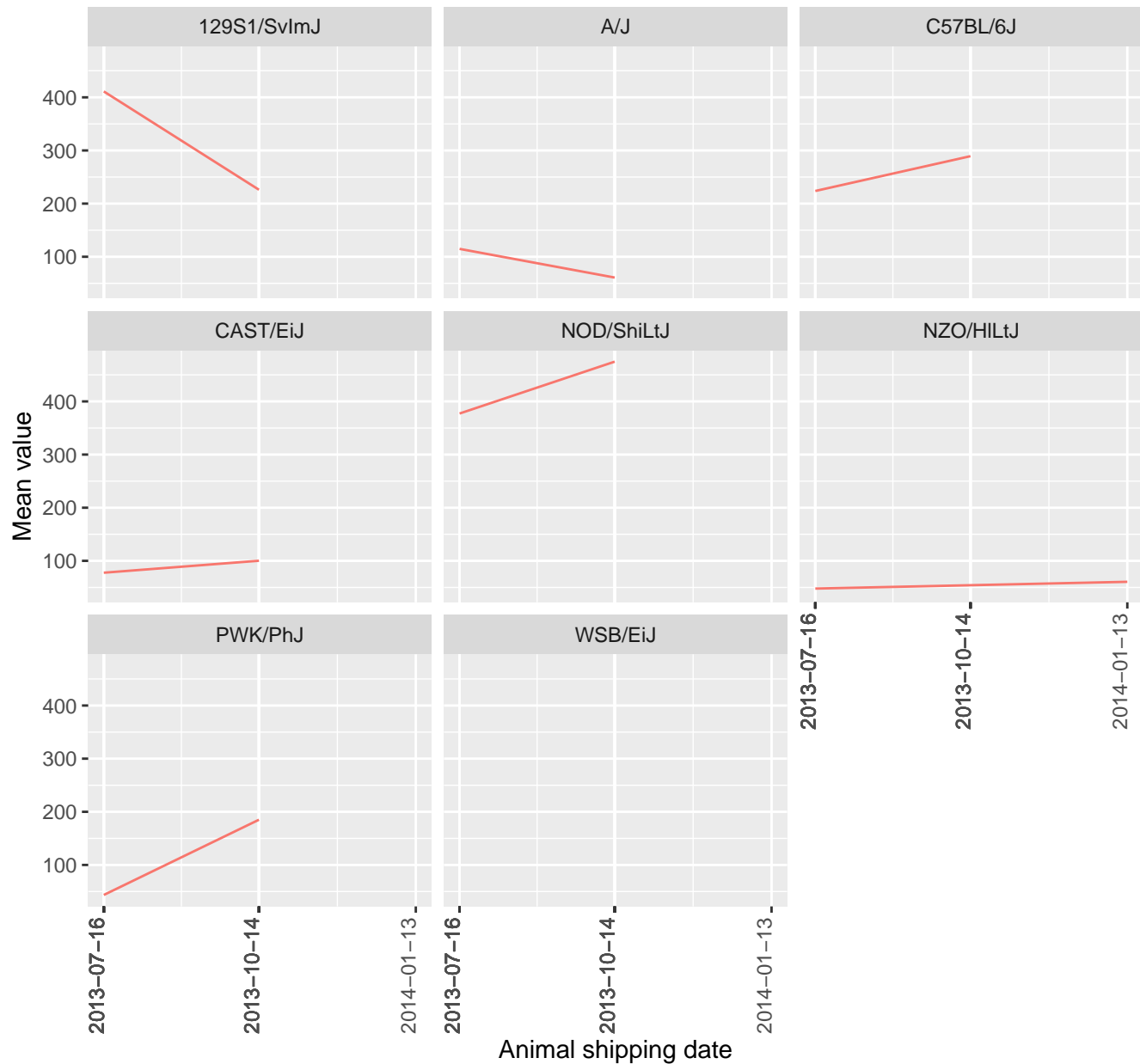
Procedure: GMC20
Parameter: IgG2a_17



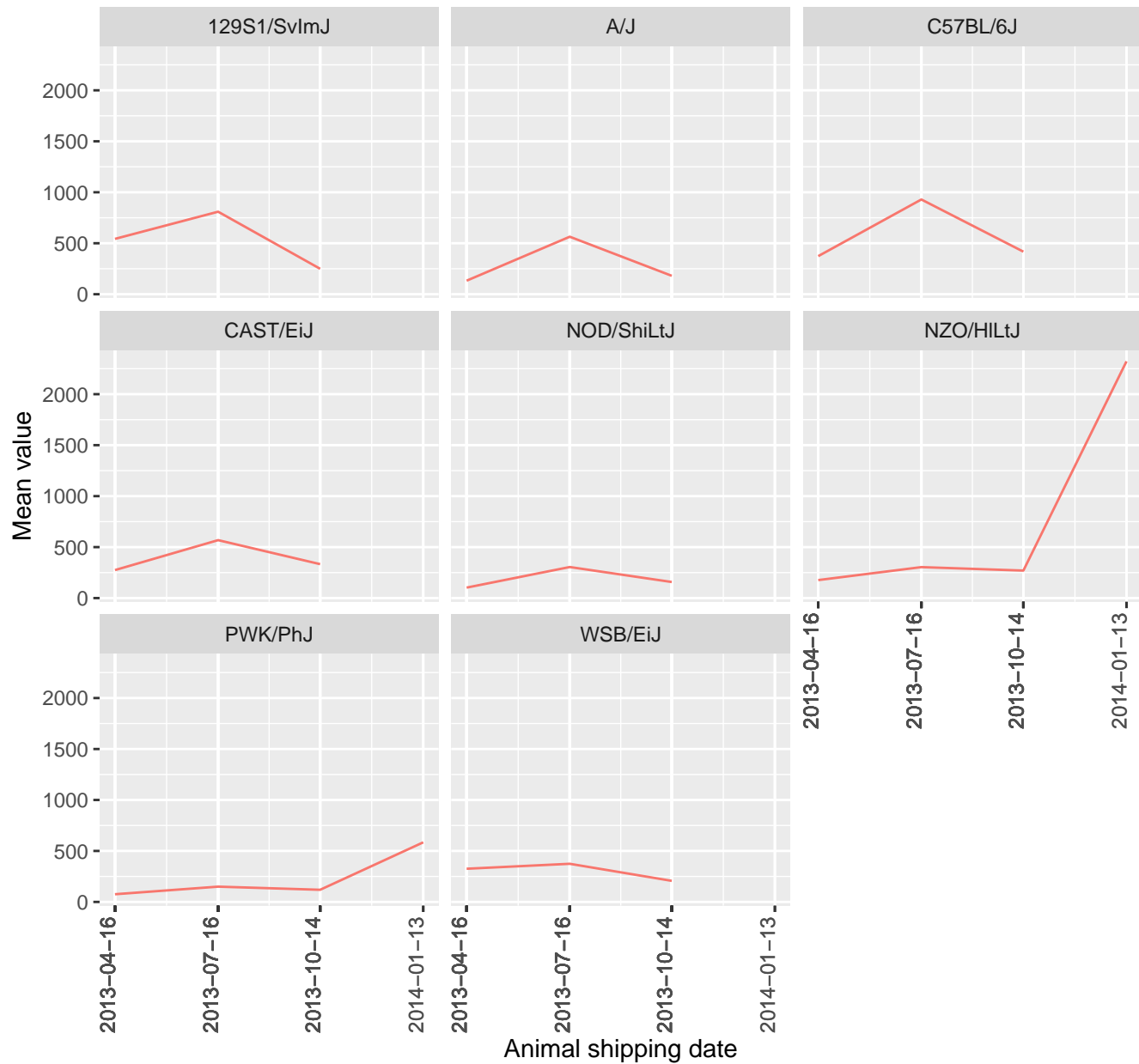
Procedure: GMC20
Parameter: IgG2a_21



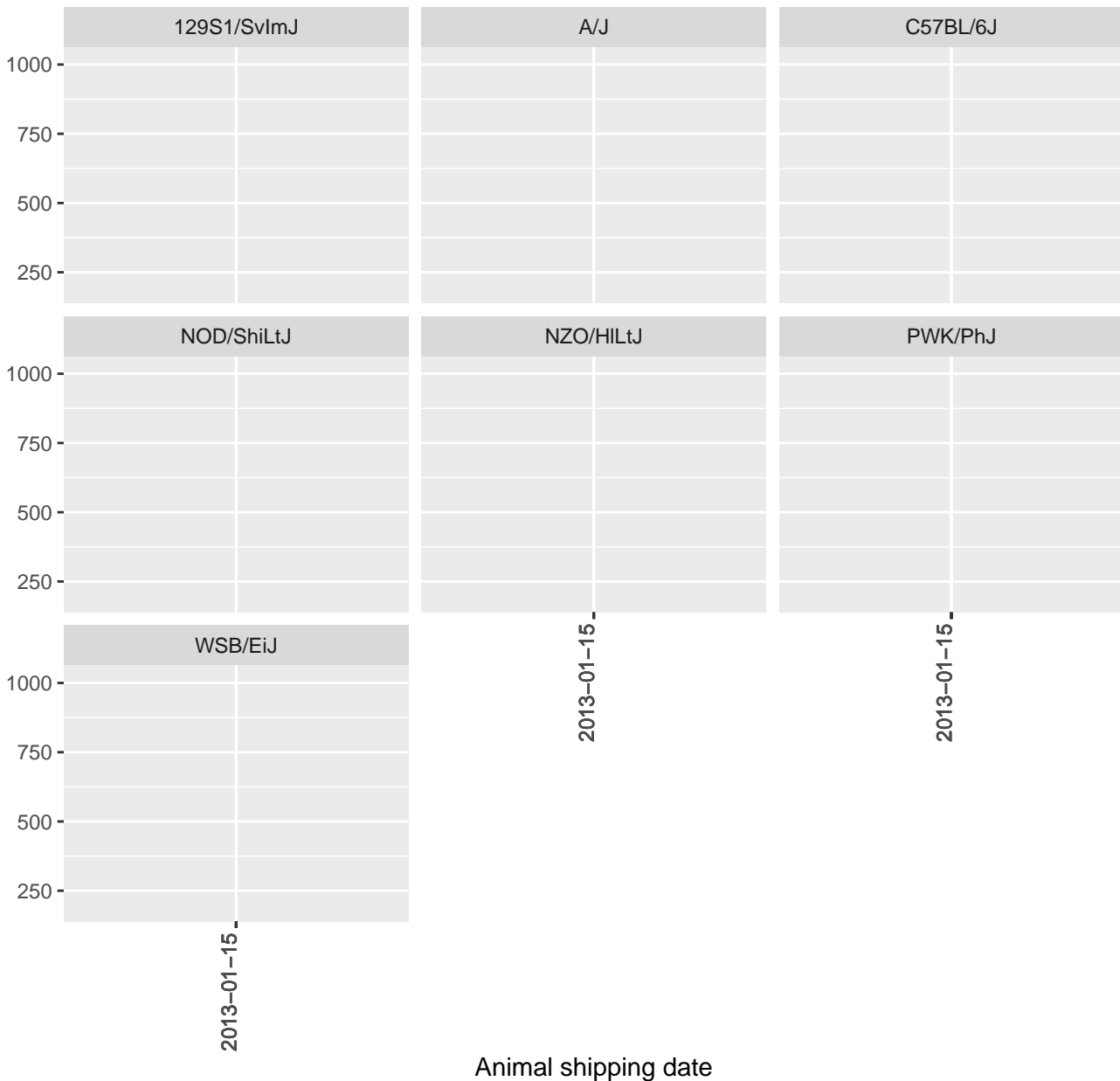
Procedure: GMC20
Parameter: IgG2b_21



Procedure: GMC20
Parameter: IgG3_21

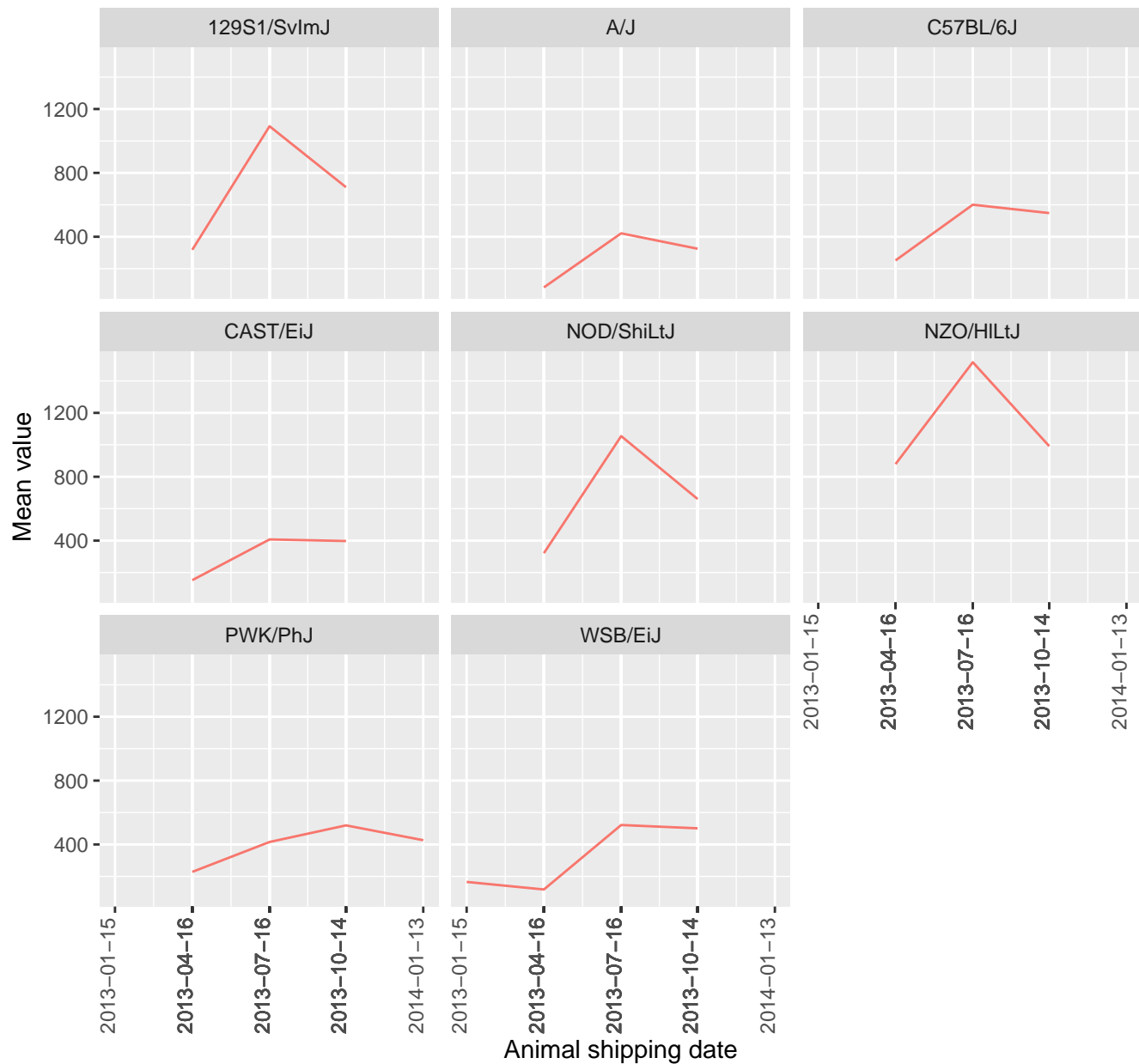


Procedure: GMC20
Parameter: IgM_17

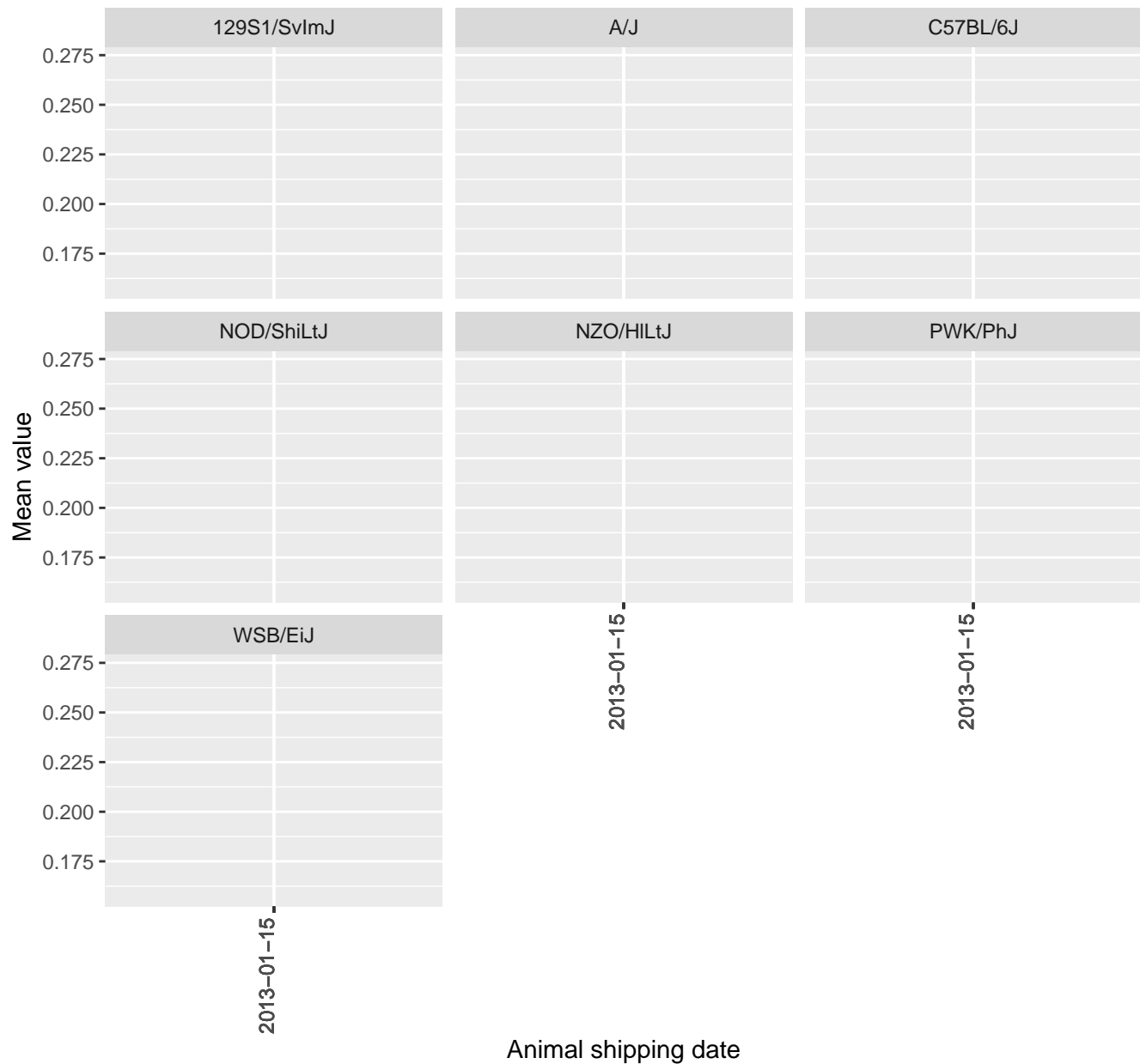


Procedure: GMC20

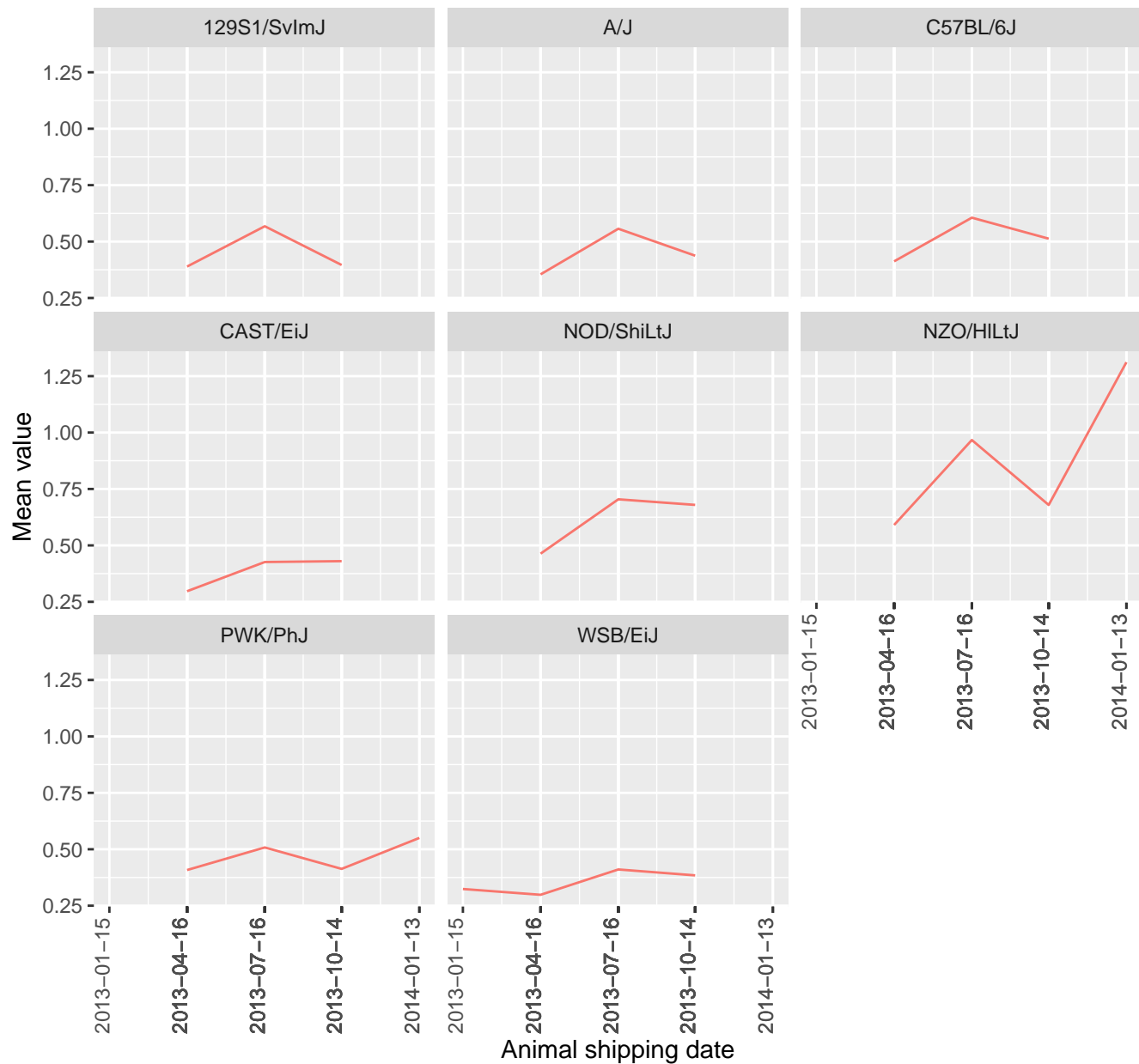
Parameter: IgM_21



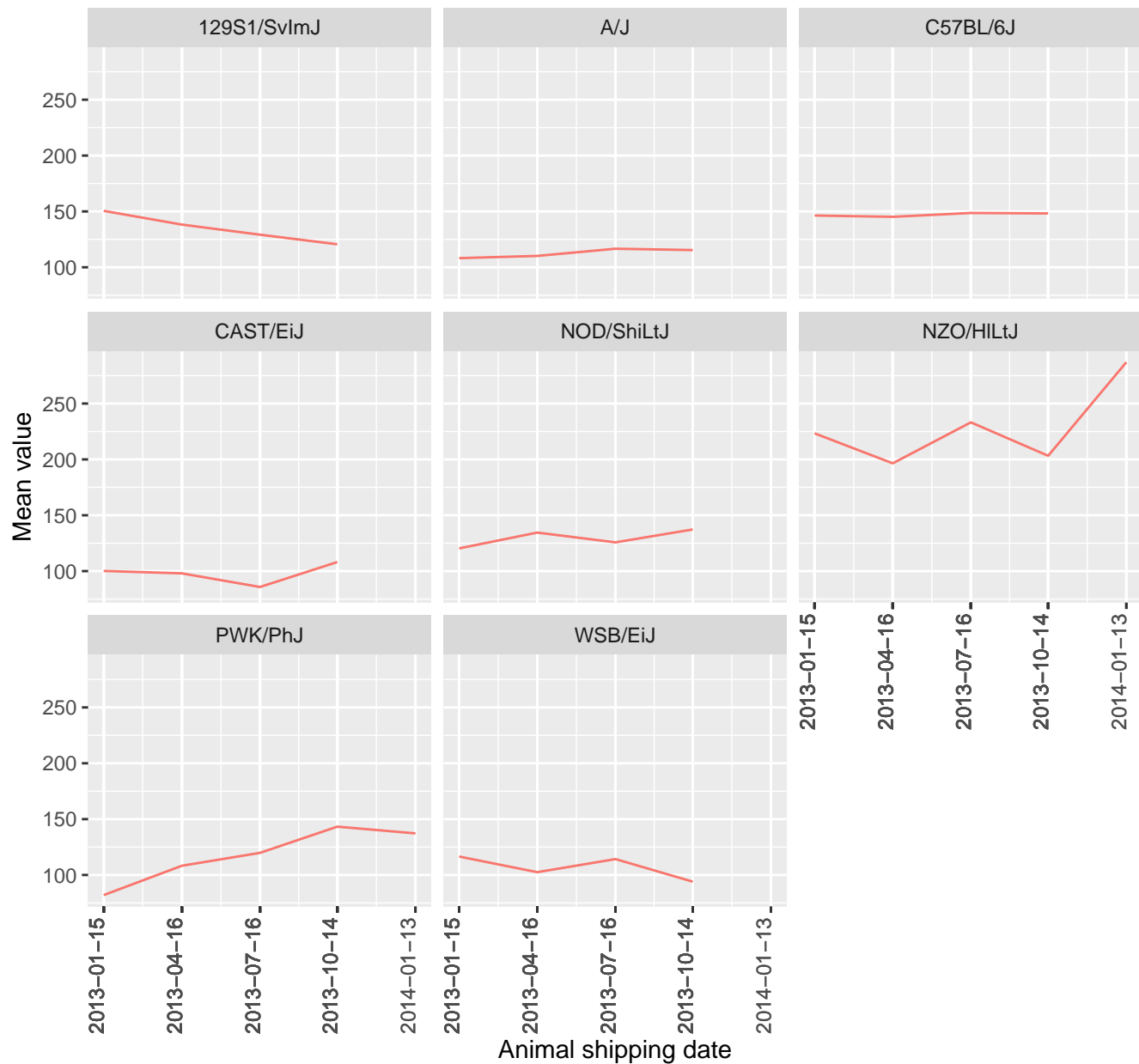
Procedure: GMC20
Parameter: RF_17



Procedure: GMC20
Parameter: RF_21

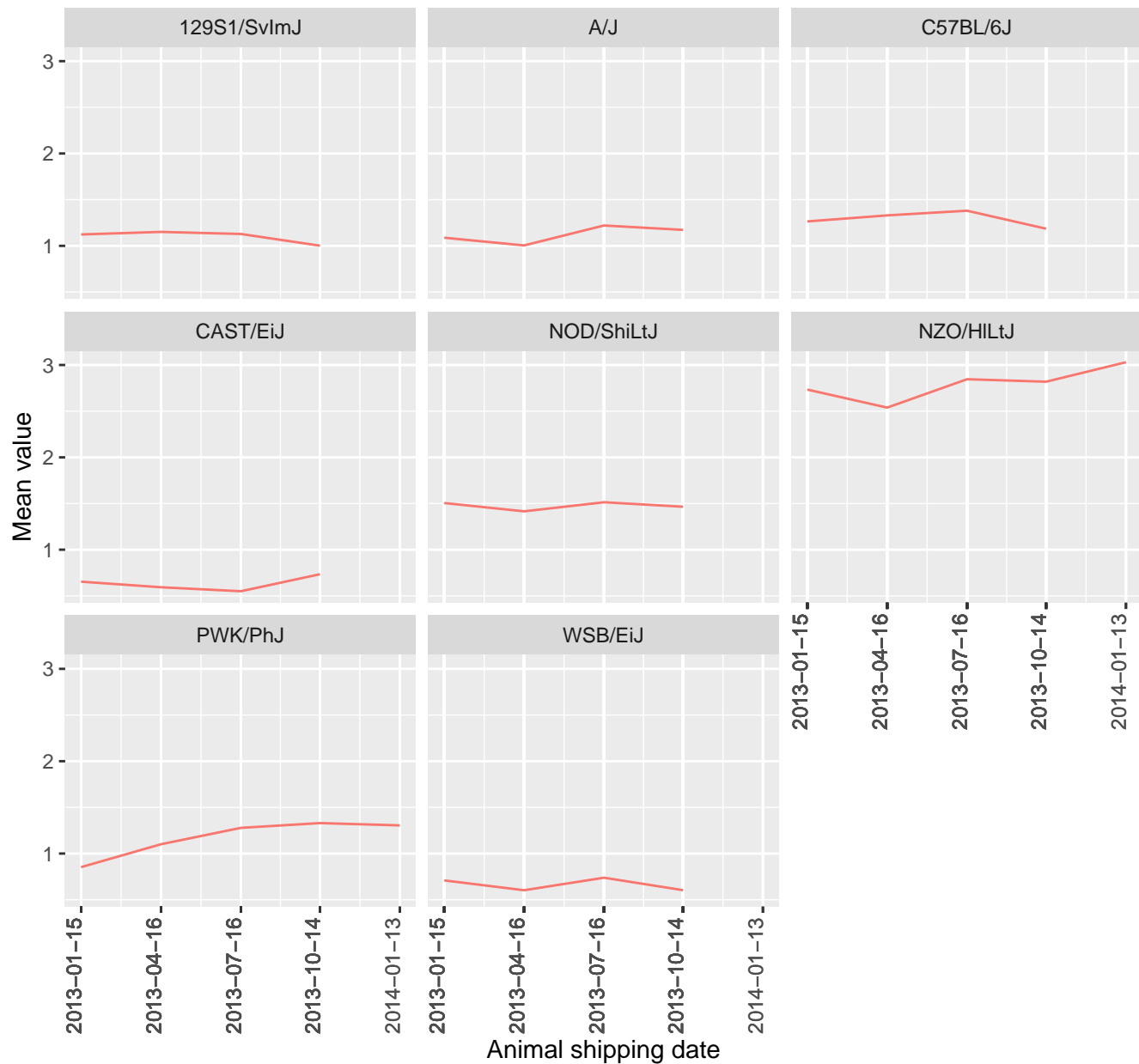


Procedure: GMC21
Parameter: heart_wt

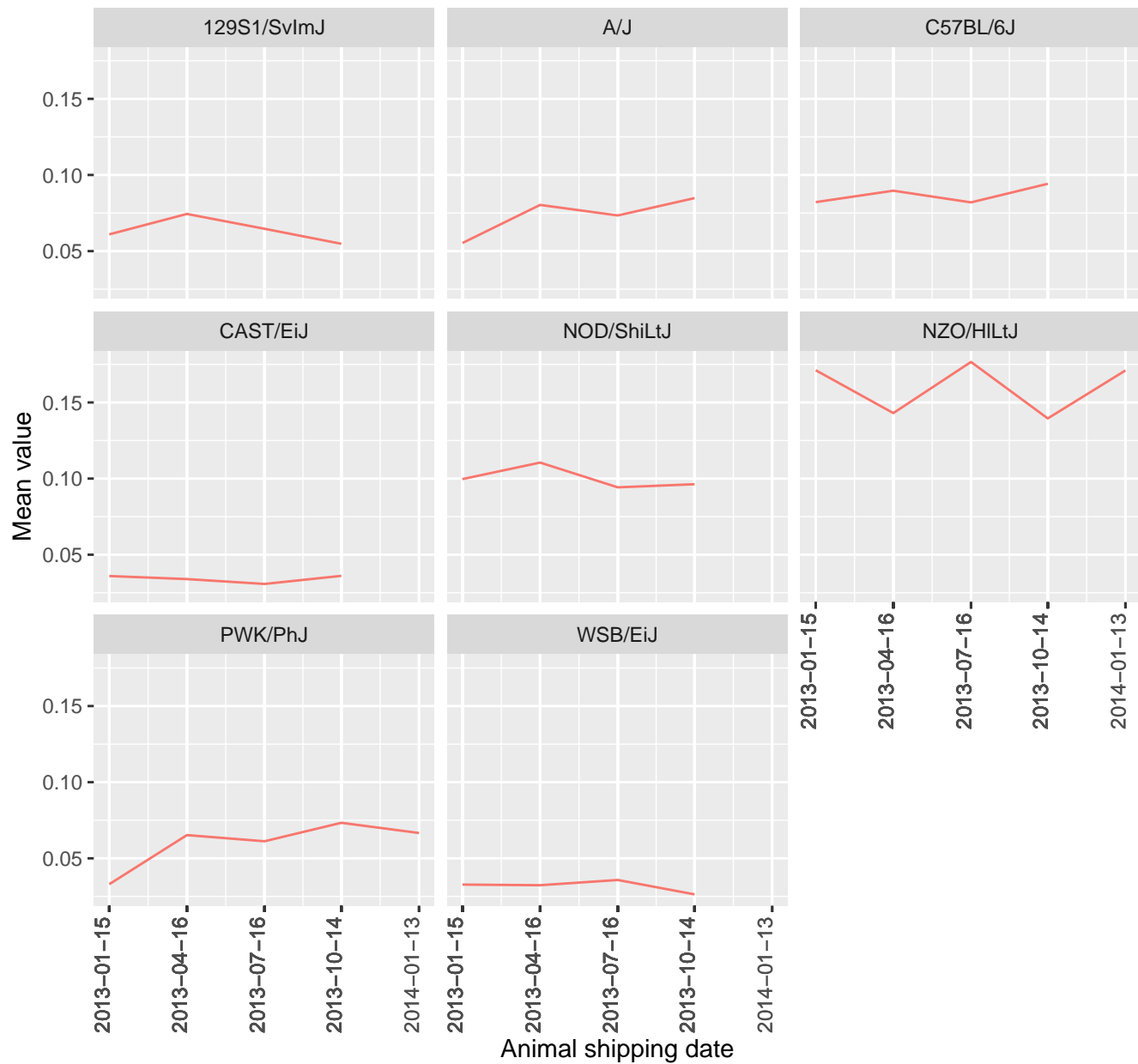


Procedure: GMC21

Parameter: liver_wt



Procedure: GMC21
Parameter: spleen_wt



Procedure: GMC21
Parameter: tibia_length

