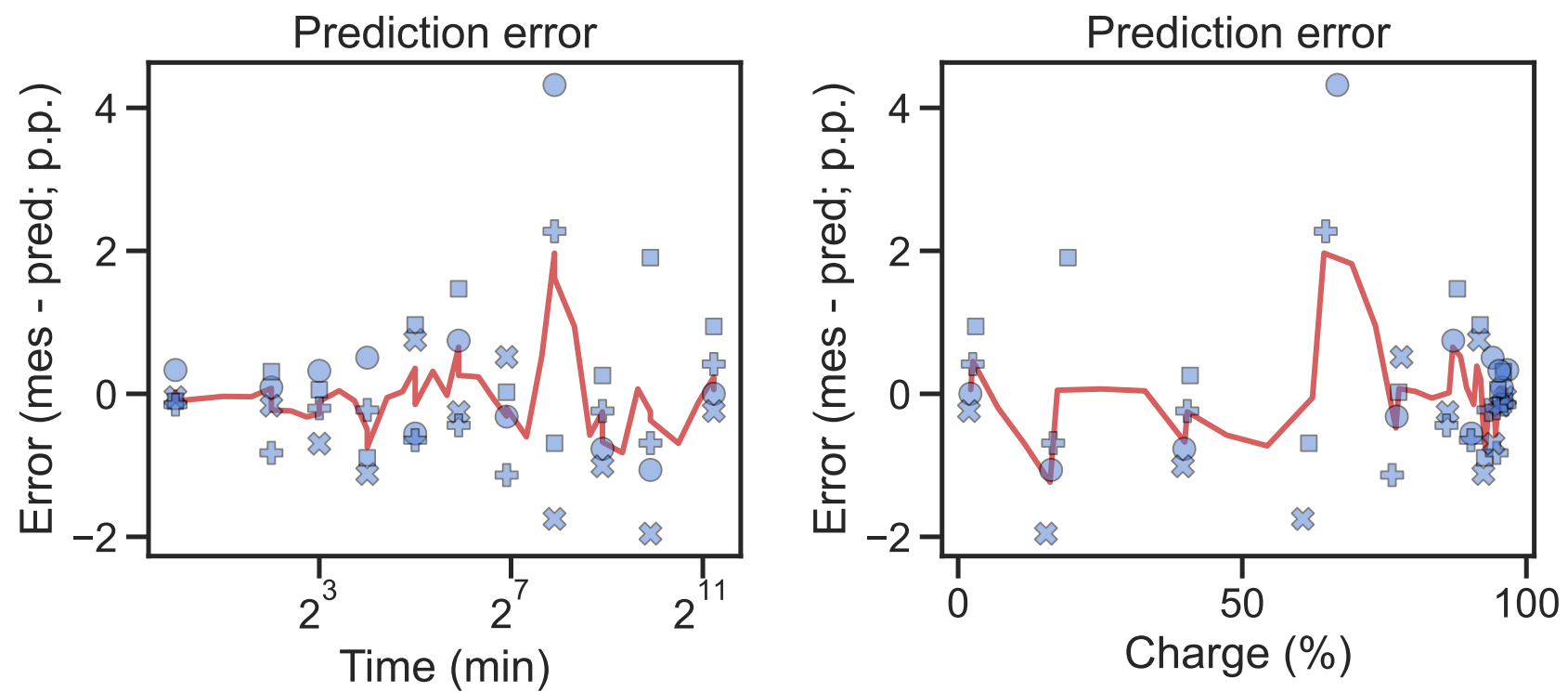
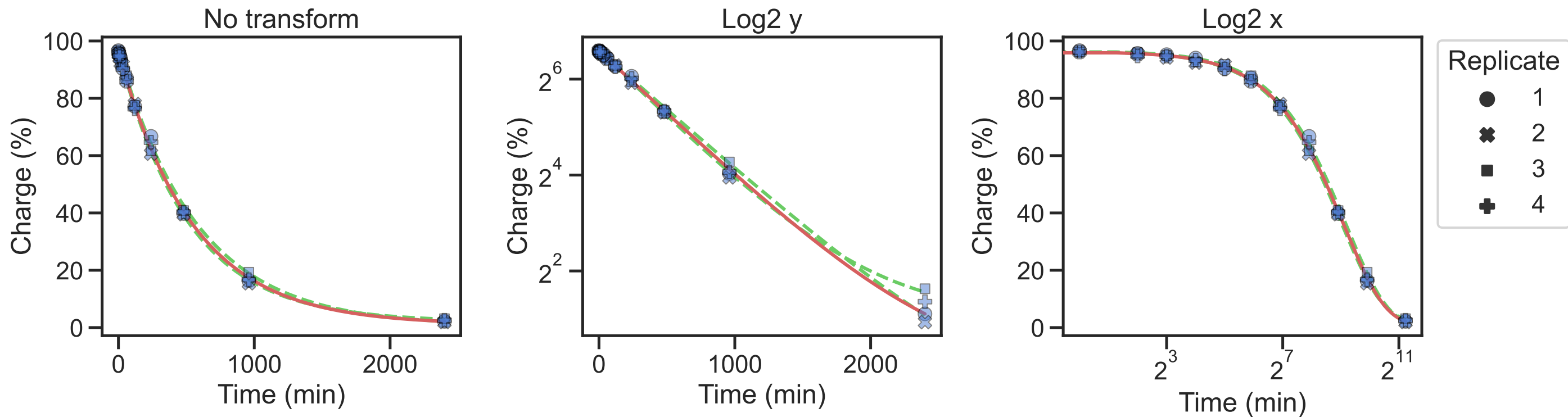
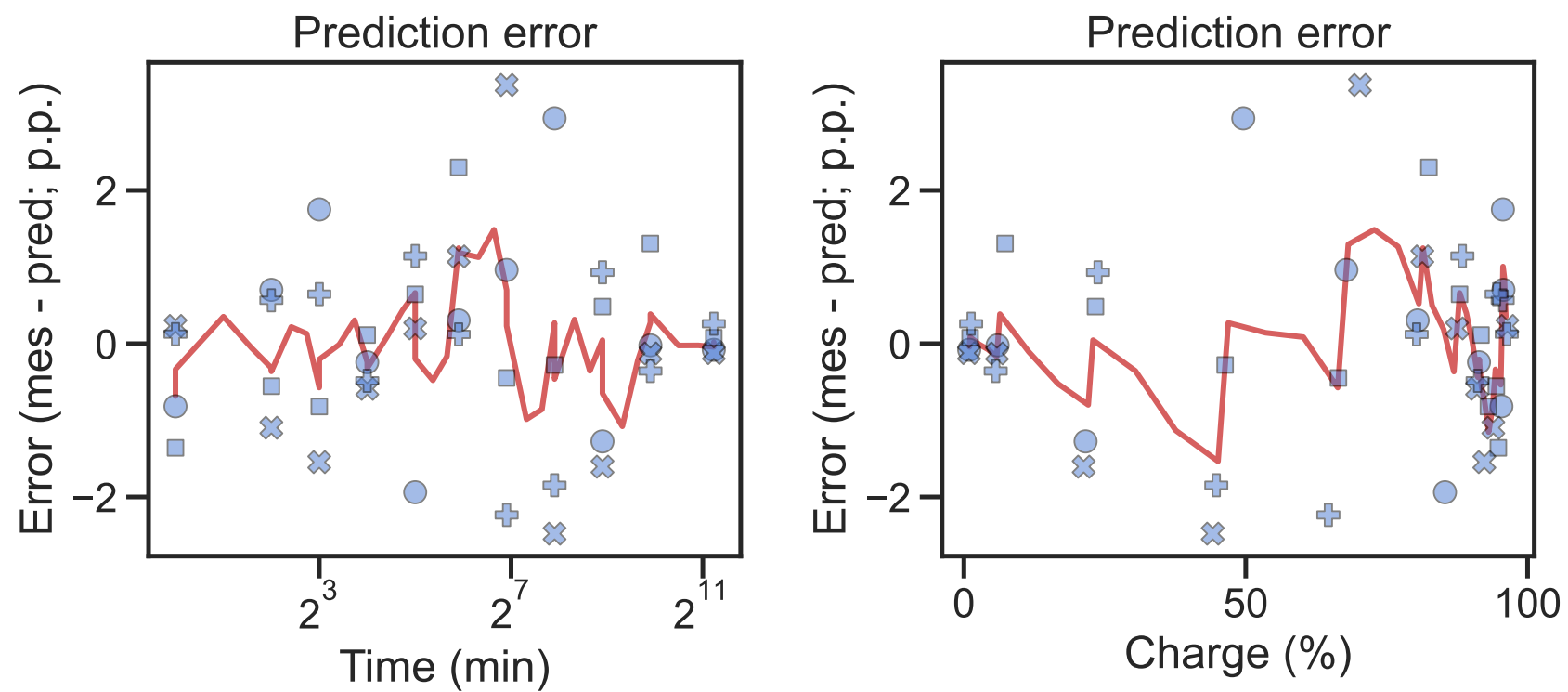
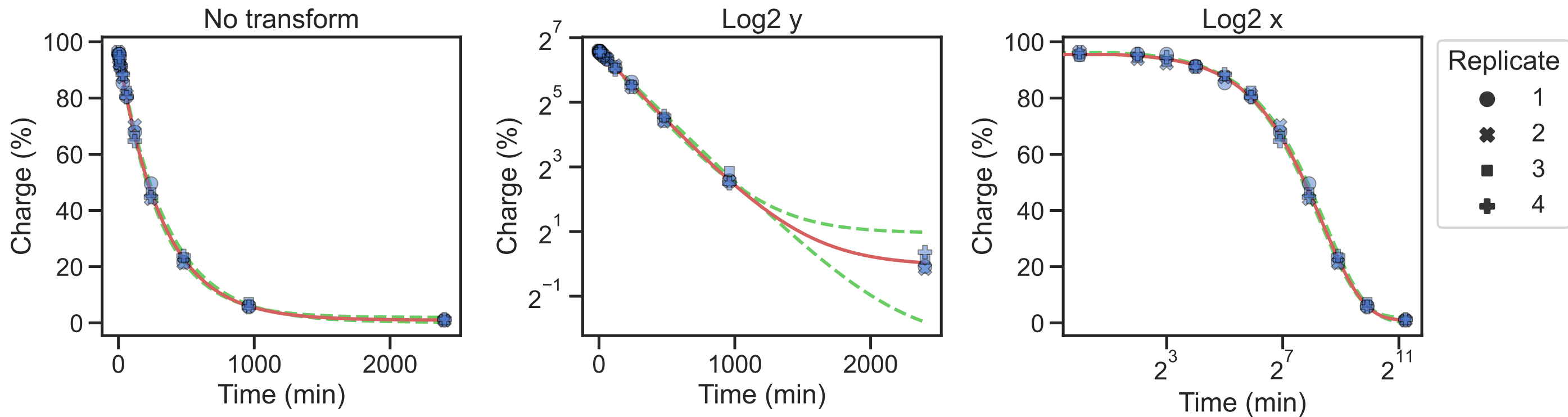


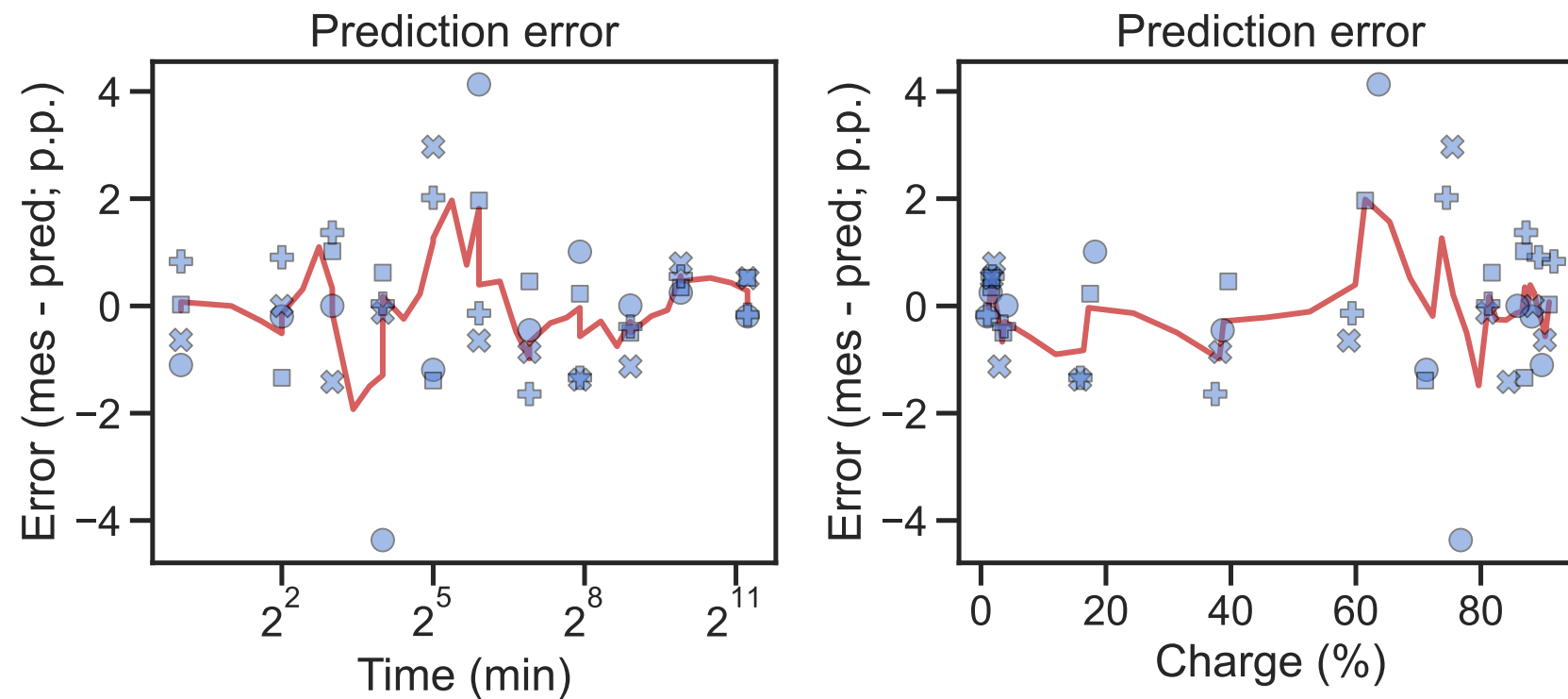
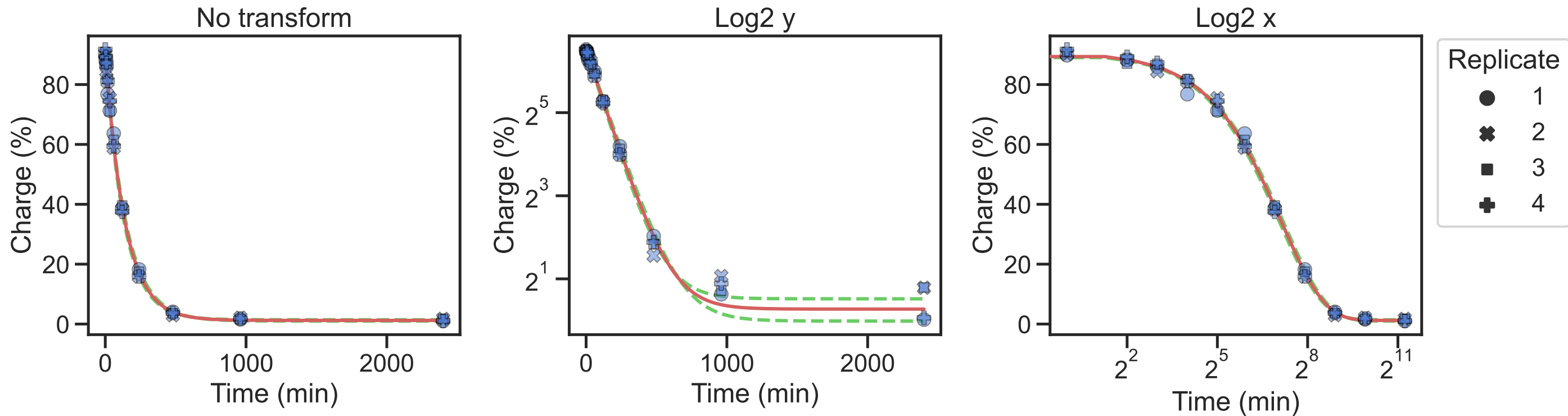
mito-Ala-TGC half-life=379 min, 95% CI (357; 403)



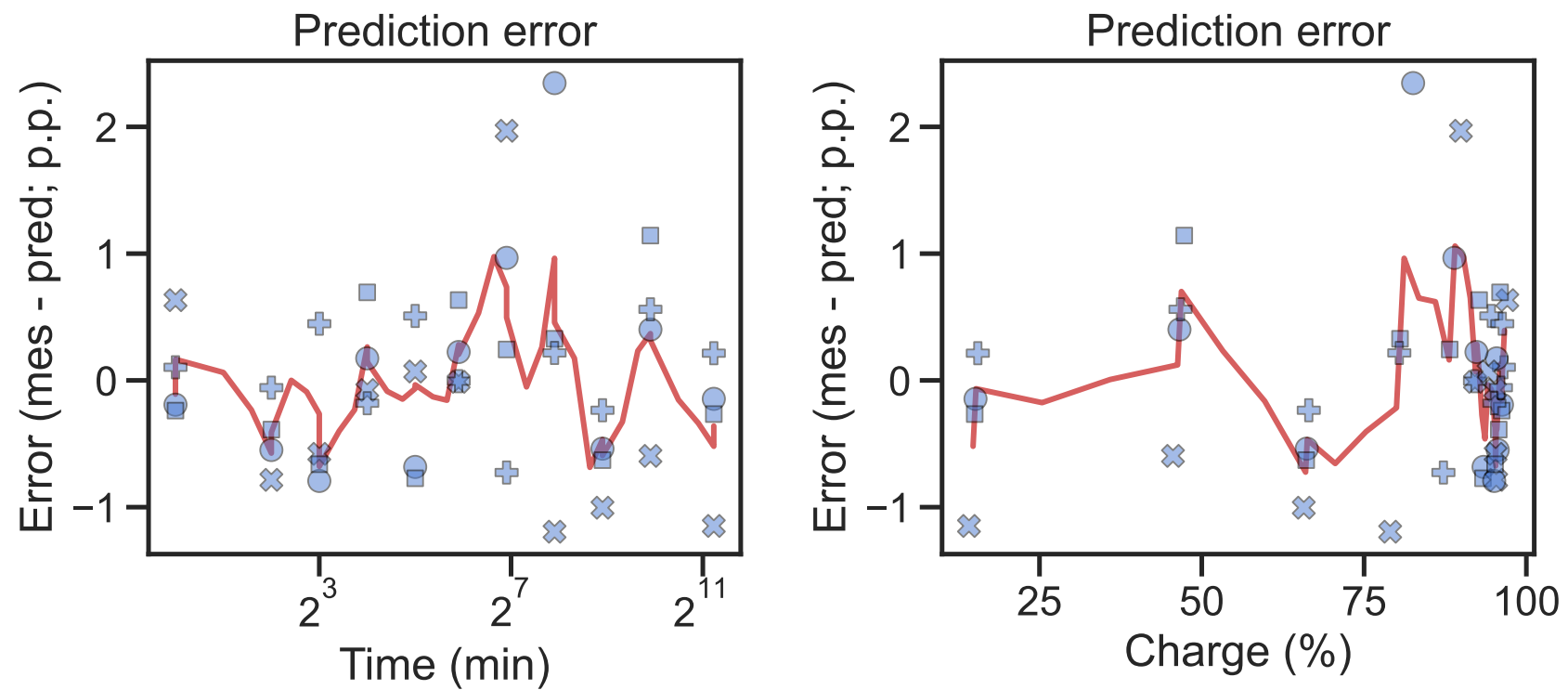
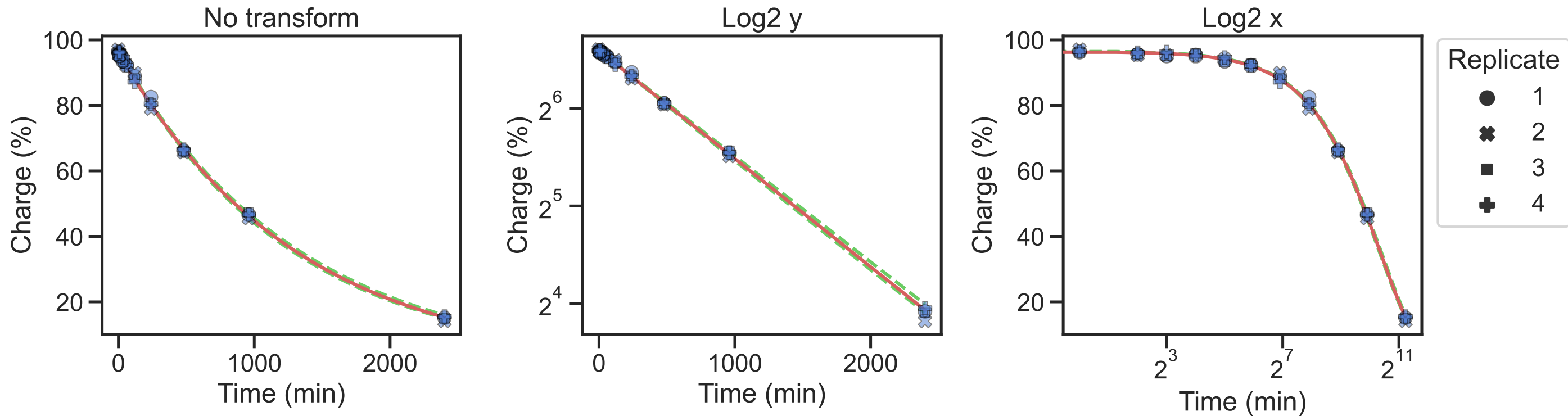
mito-Arg-TCG half-life=226 min, 95% CI (212; 244)



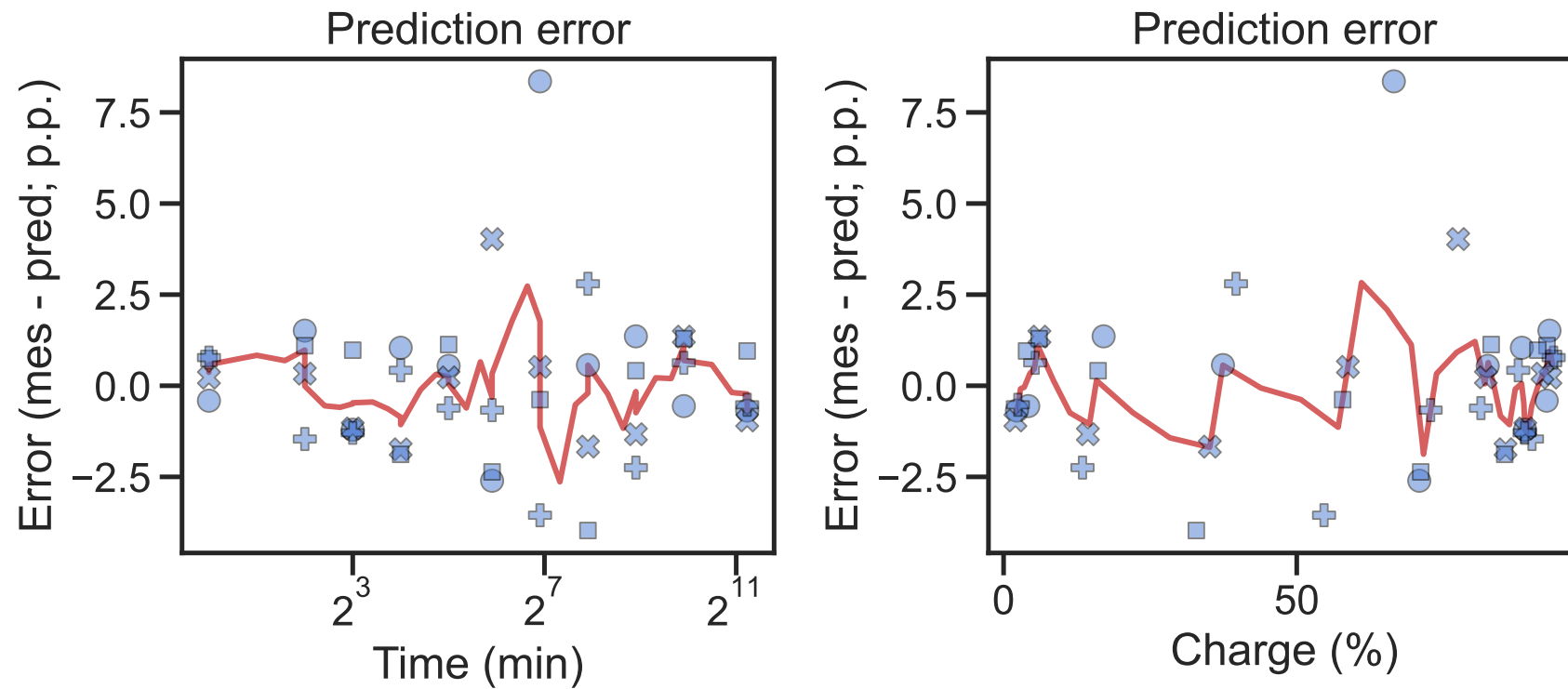
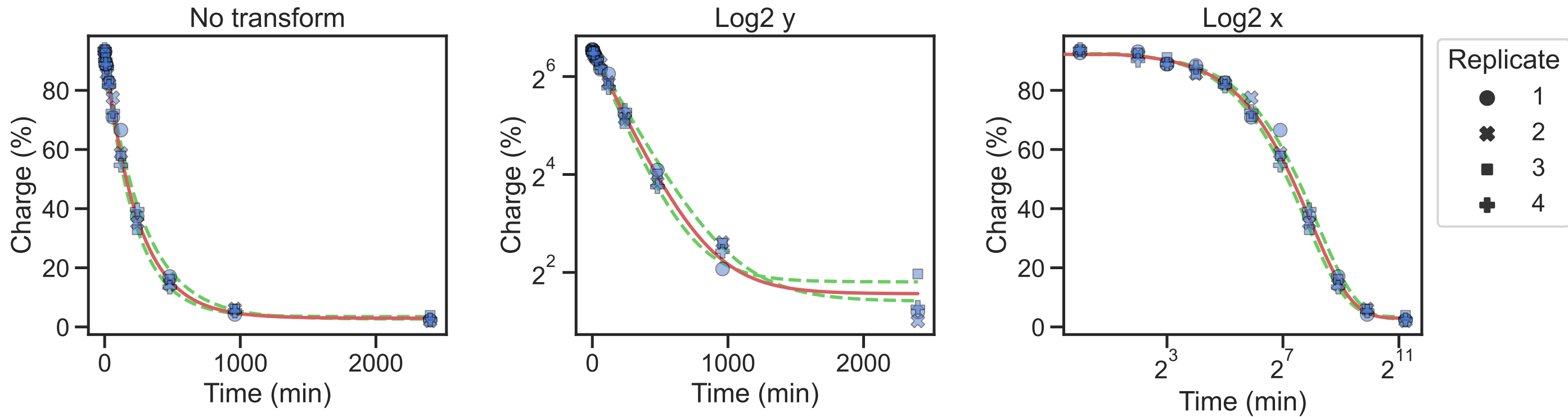
mito-Asn-GTT half-life=97 min, 95% CI (92; 102)



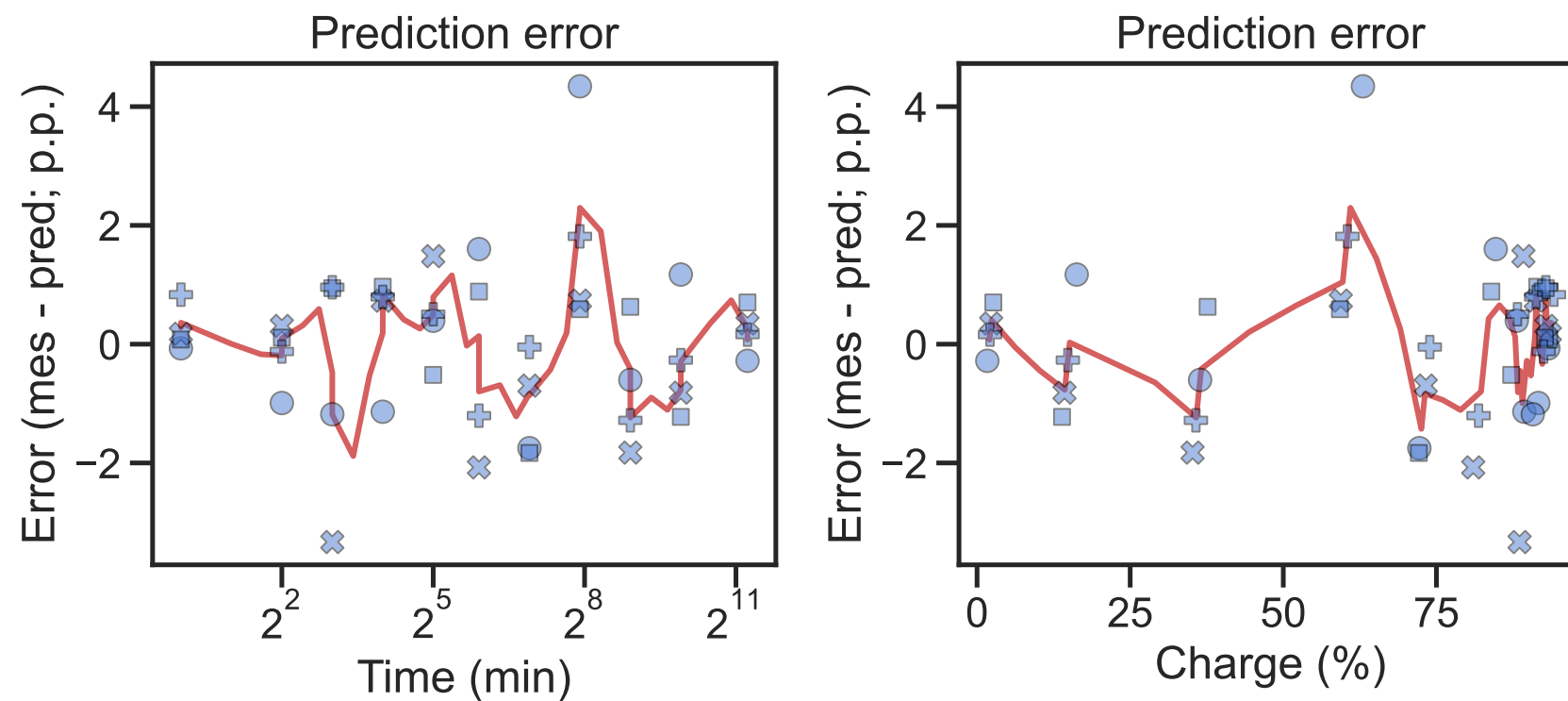
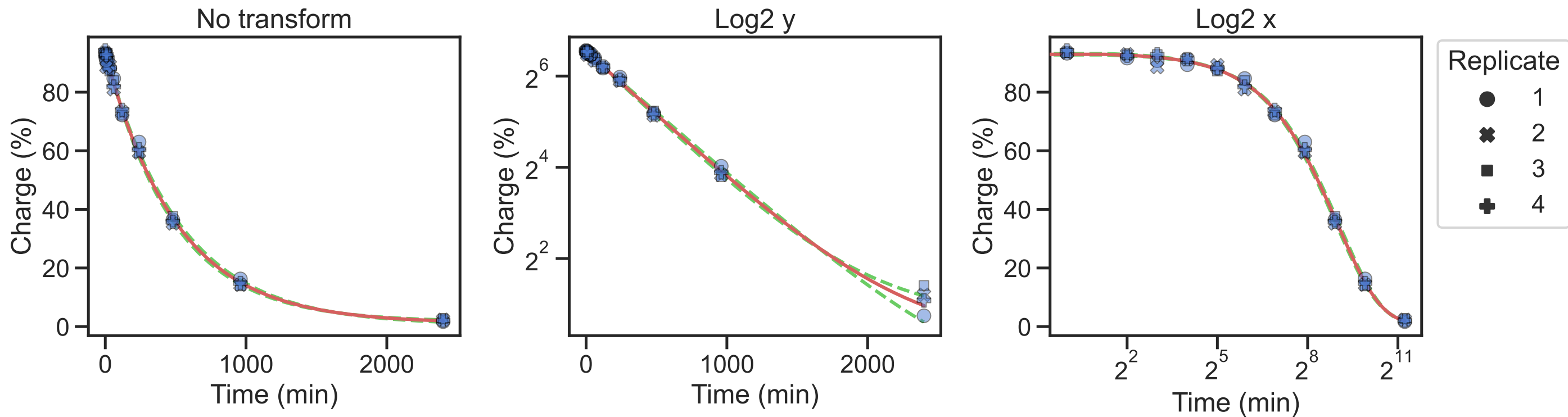
mito-Asp-GTC half-life=903 min, 95% CI (874; 924)



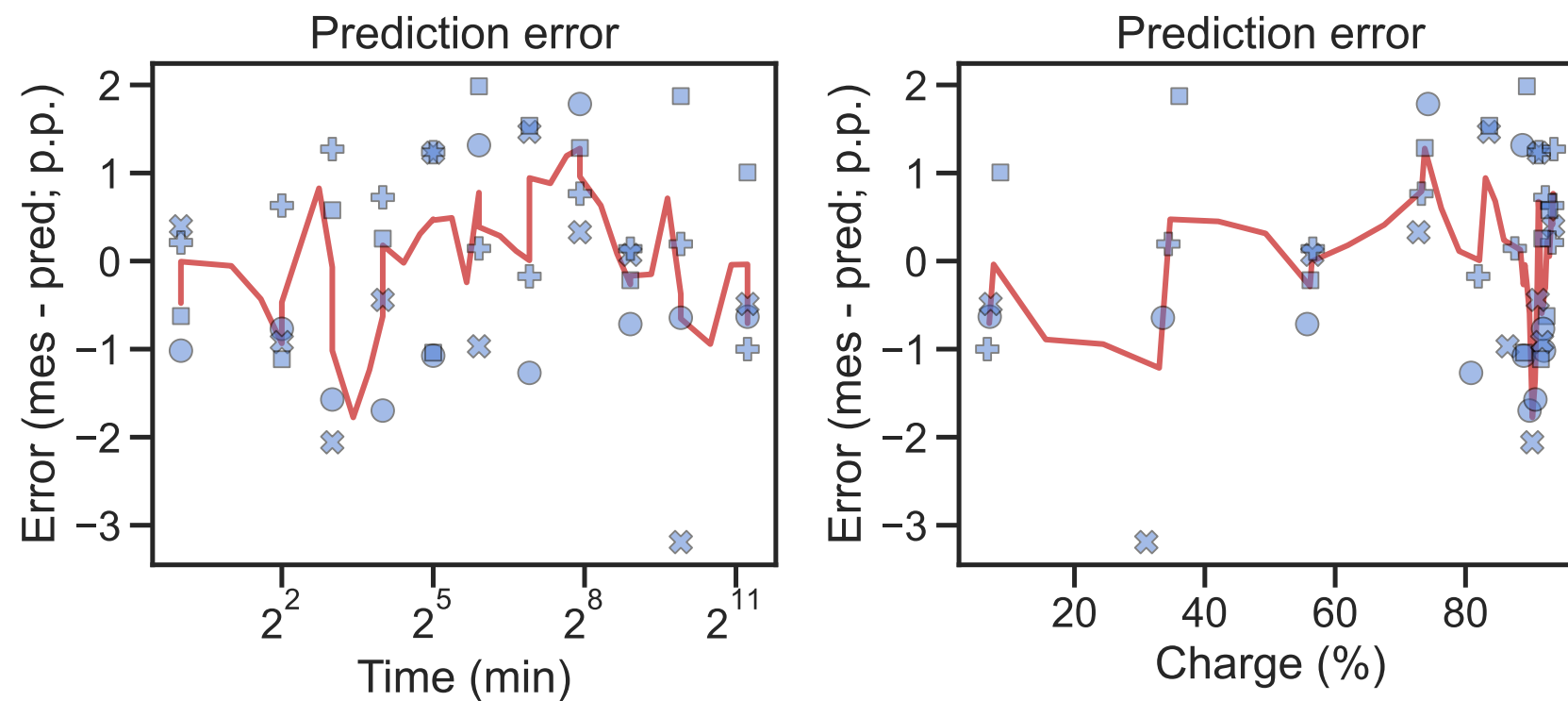
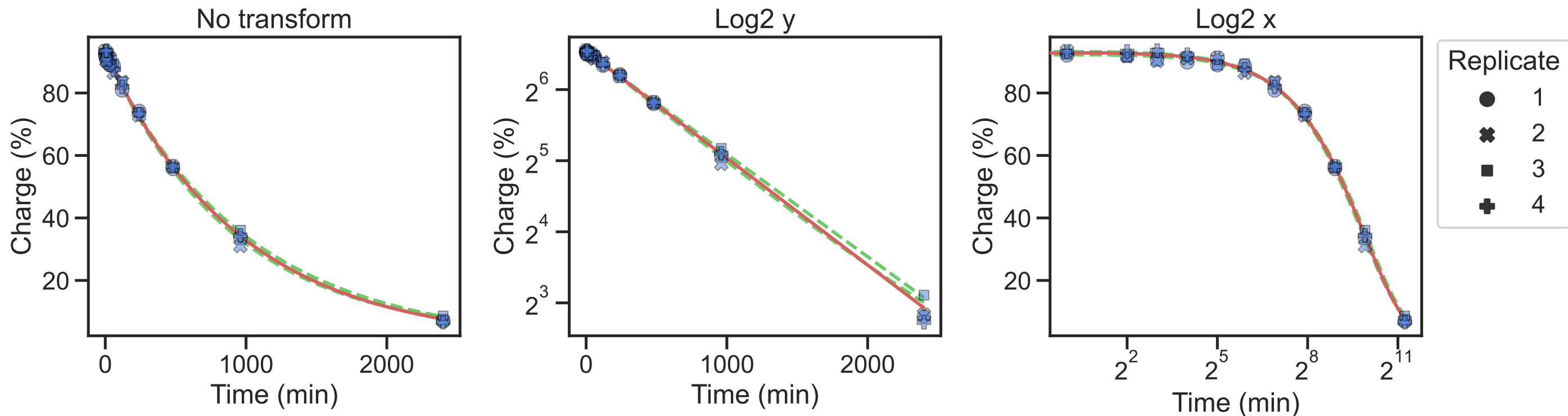
mito-Cys-GCA half-life=170 min, 95% CI (150; 196)



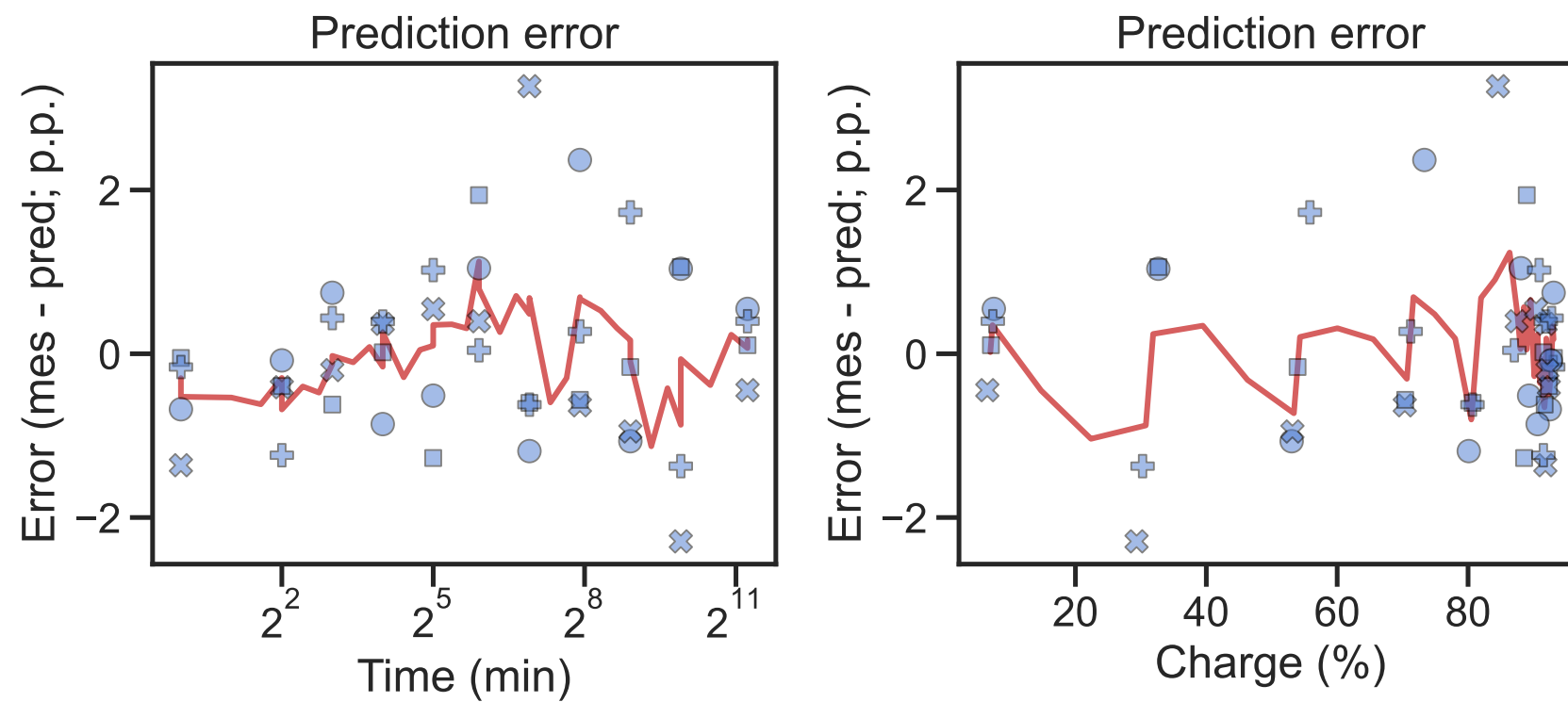
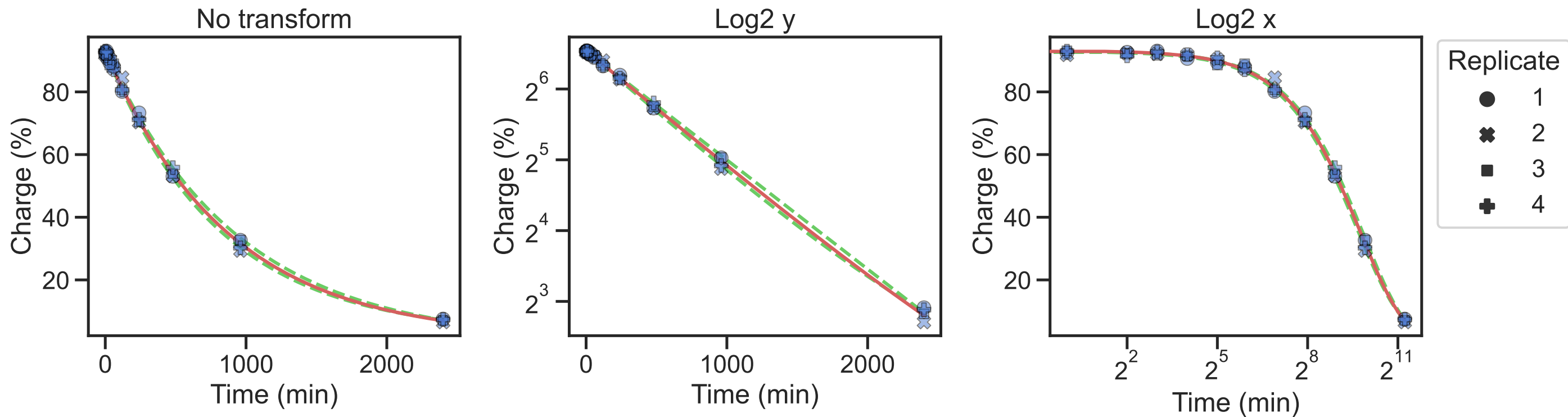
mito-Gln-TTG half-life=352 min, 95% CI (337; 370)



mito-Glu-TTC half-life=665 min, 95% CI (620; 694)

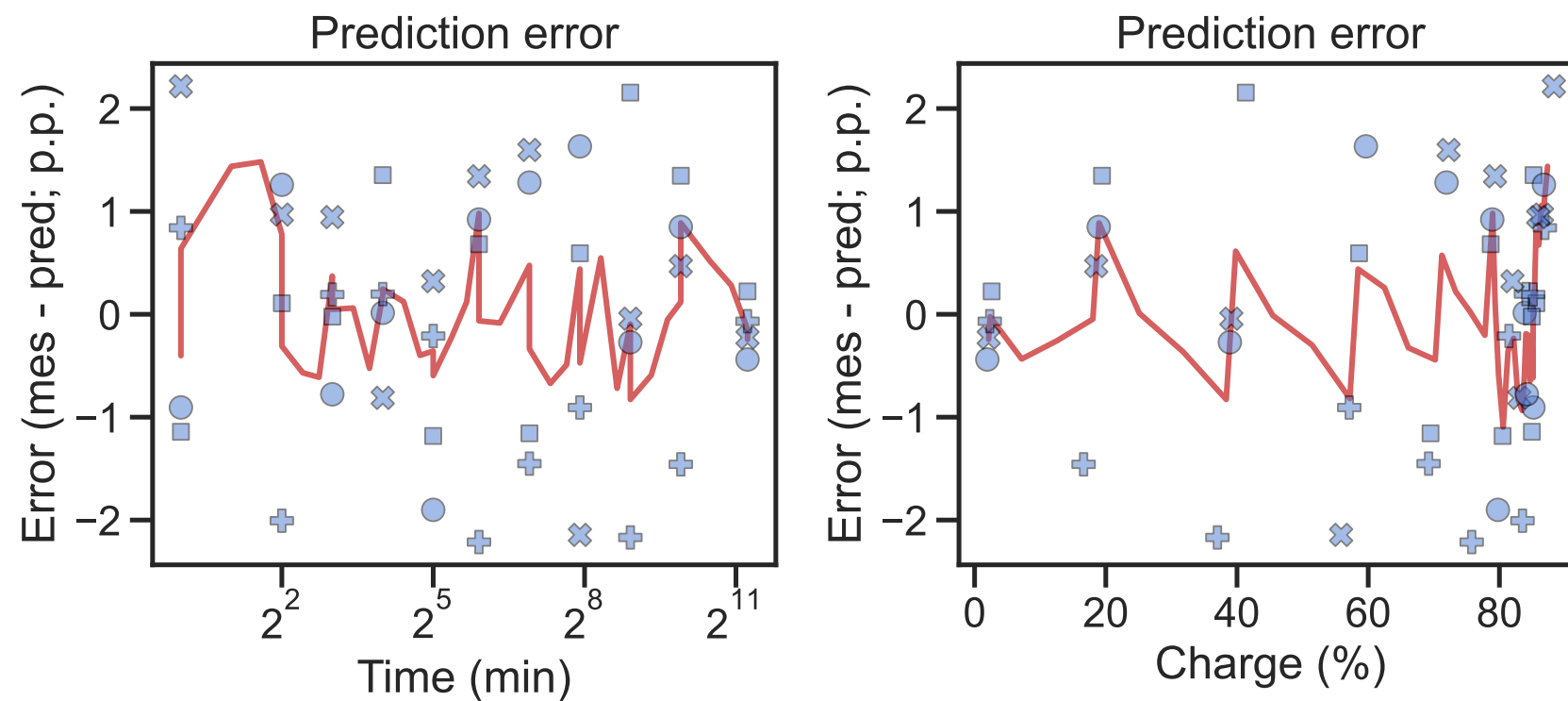
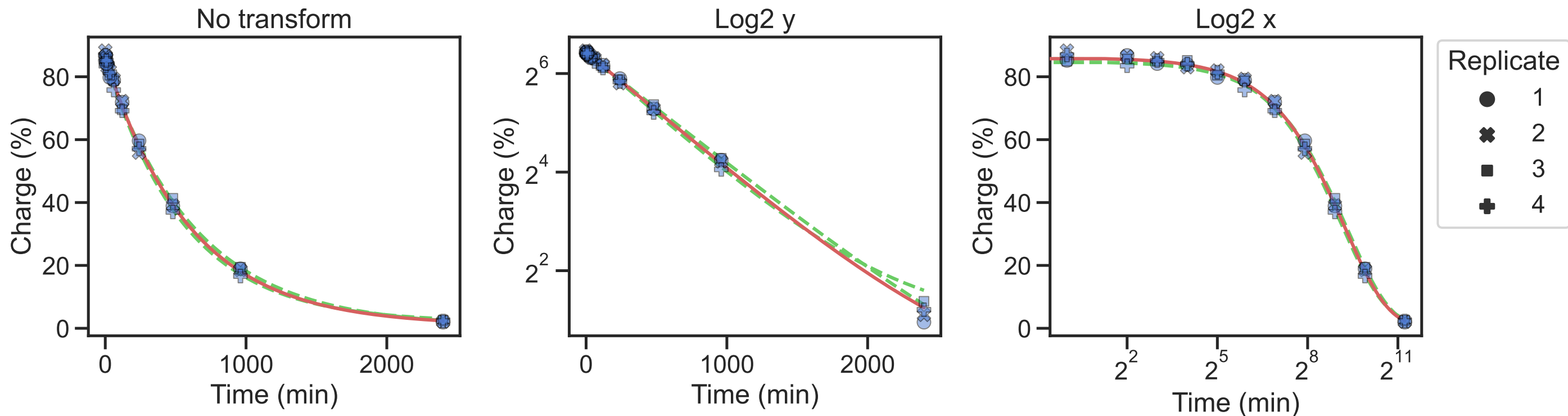


mito-Gly-TCC half-life=602 min, 95% CI (564; 648)

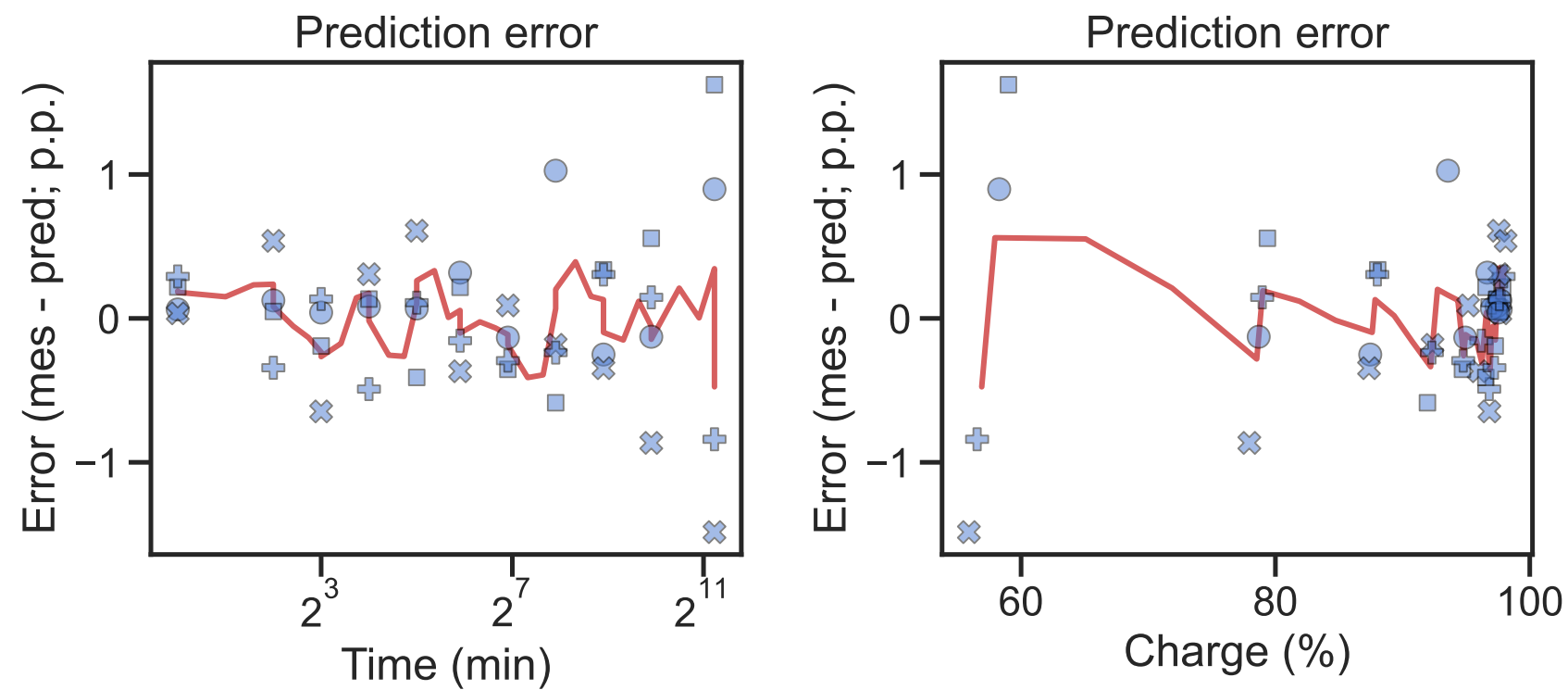
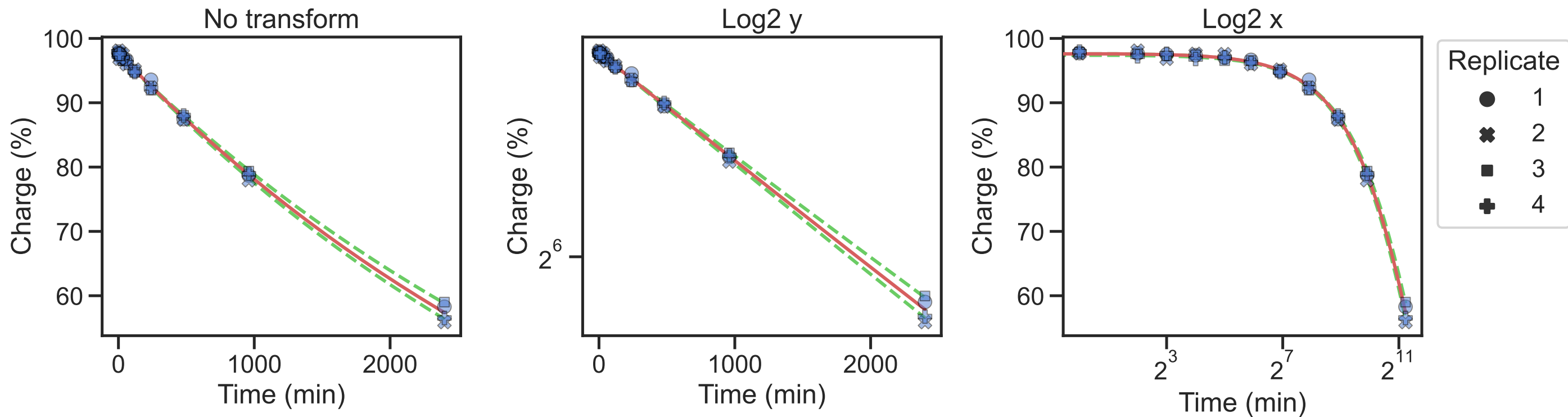




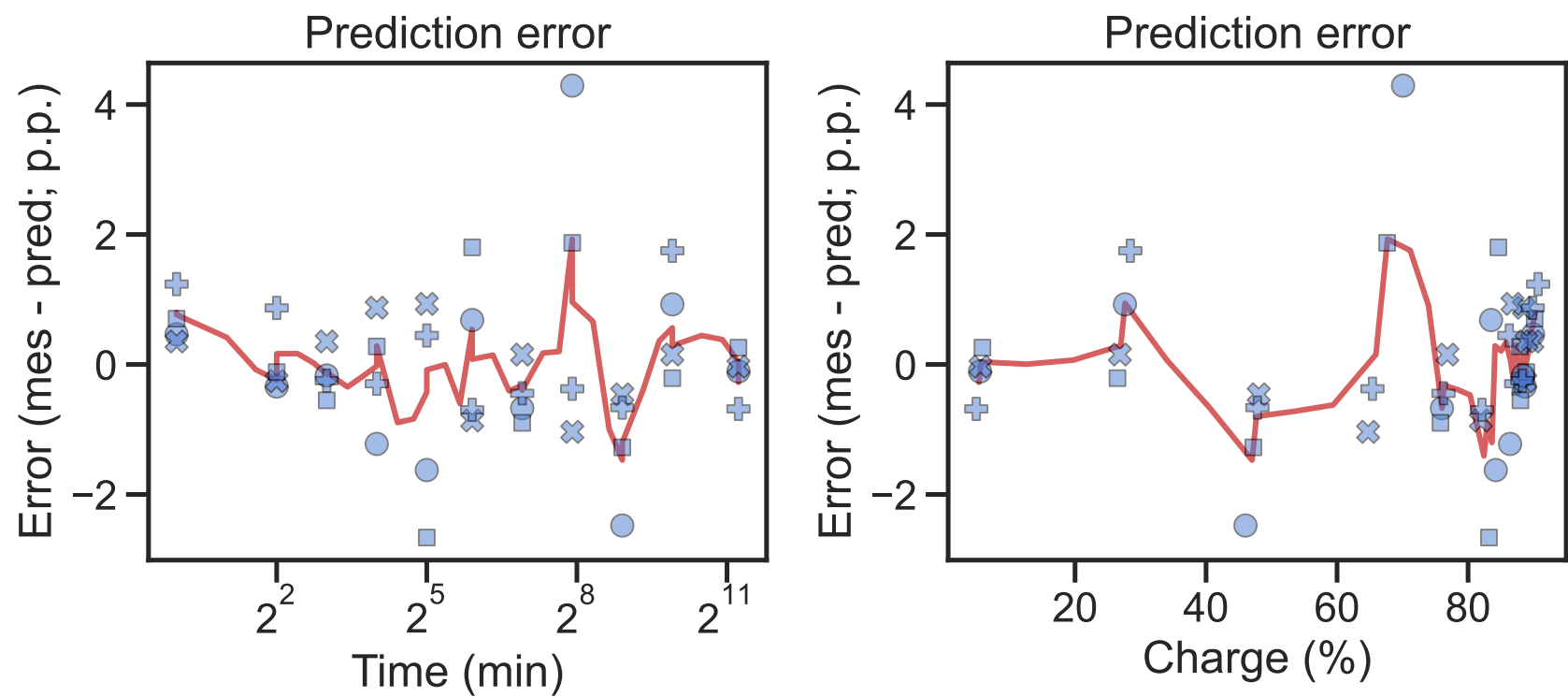
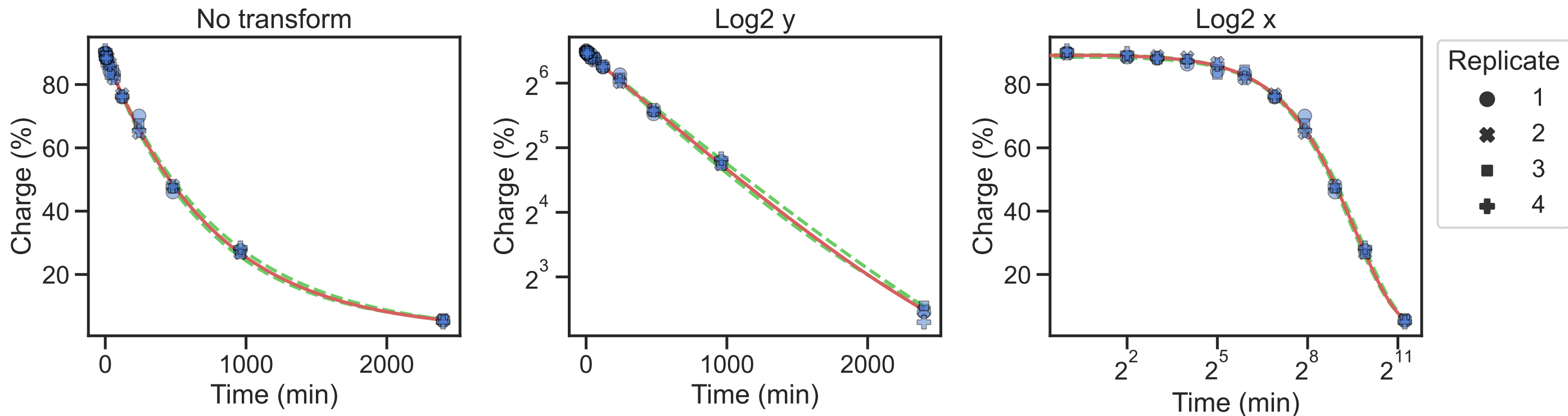
mito-His-GTG half-life=417 min, 95% CI (391; 444)



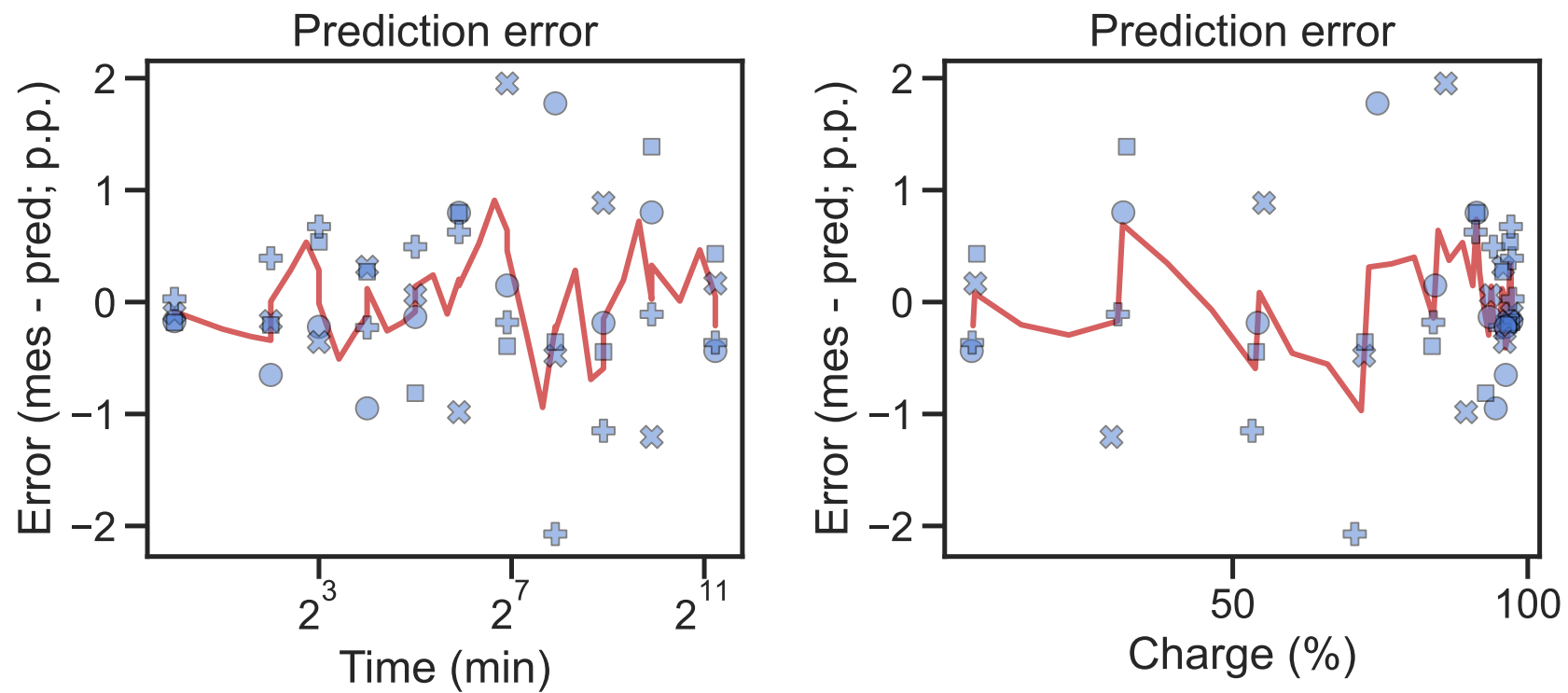
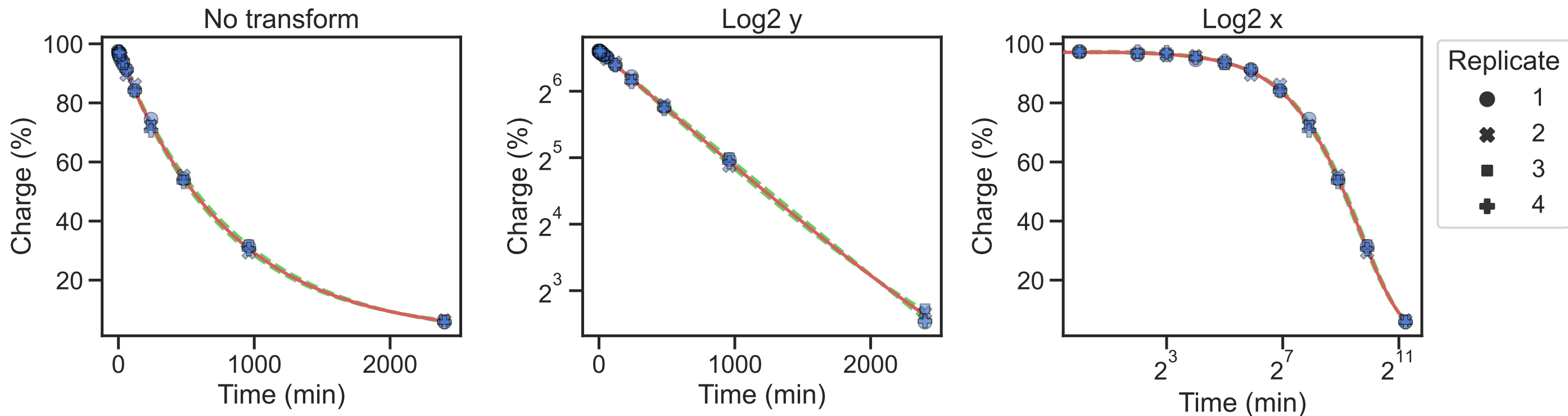
mito-Ile-GAT half-life=2981 min, 95% CI (2884; 3142)



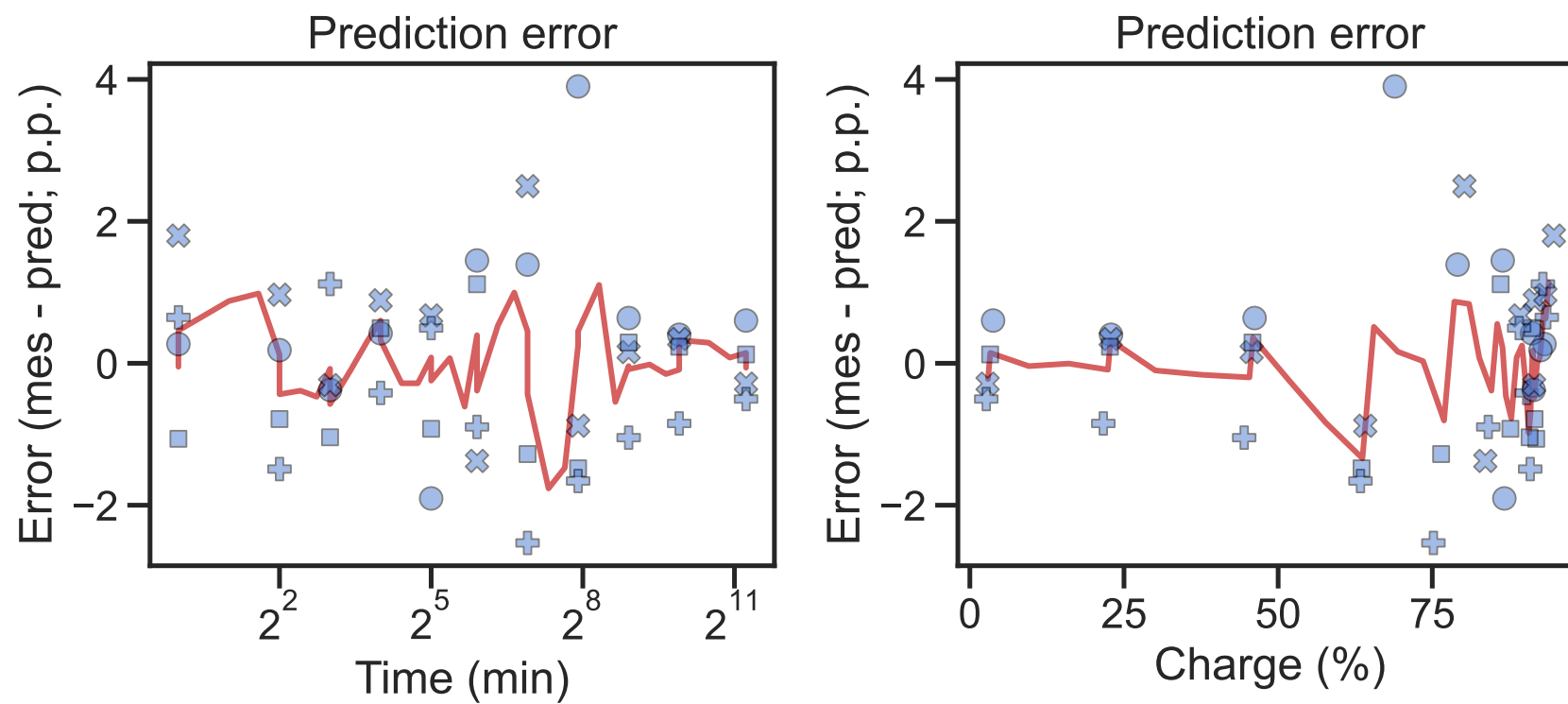
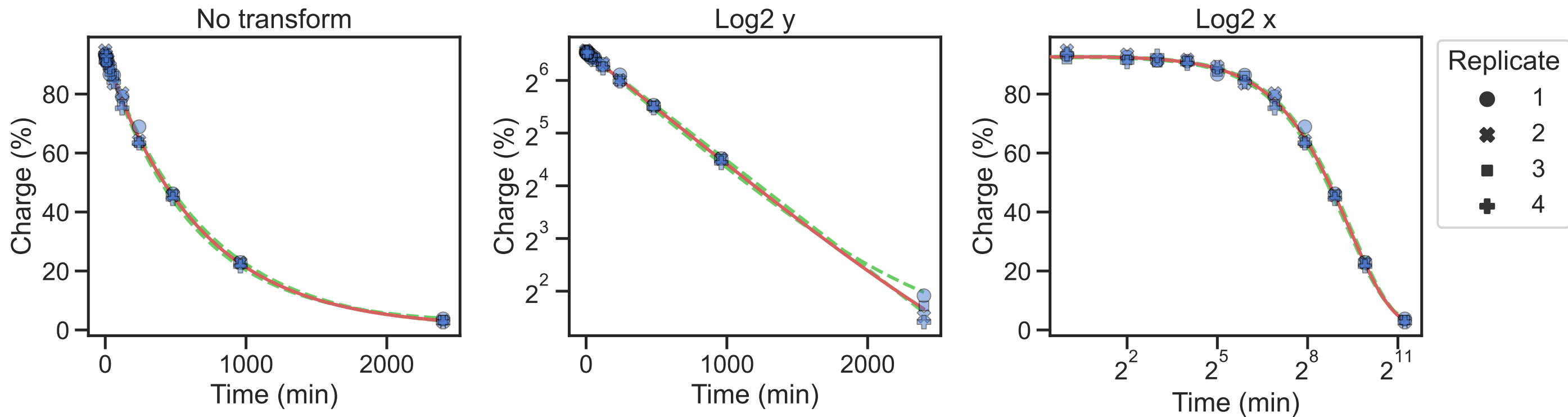
mito-Leu1-TAG half-life=528 min, 95% CI (496; 565)



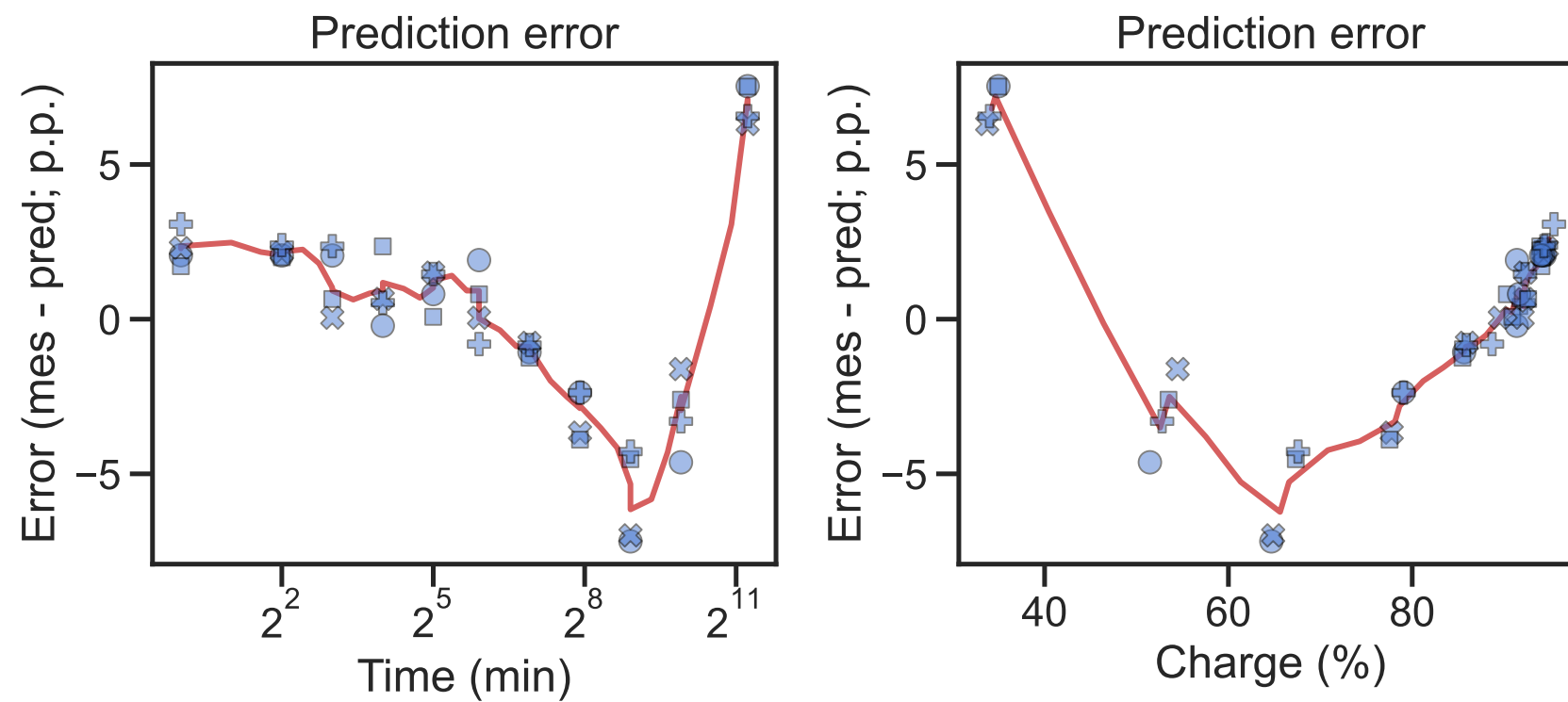
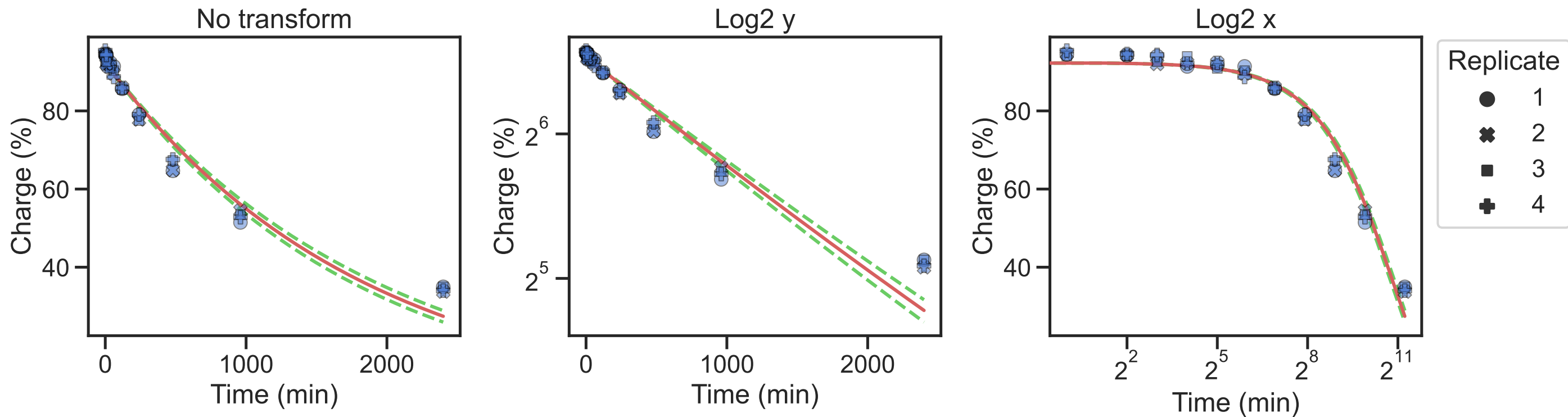
mito-Leu2-TAA half-life=562 min, 95% CI (535; 594)



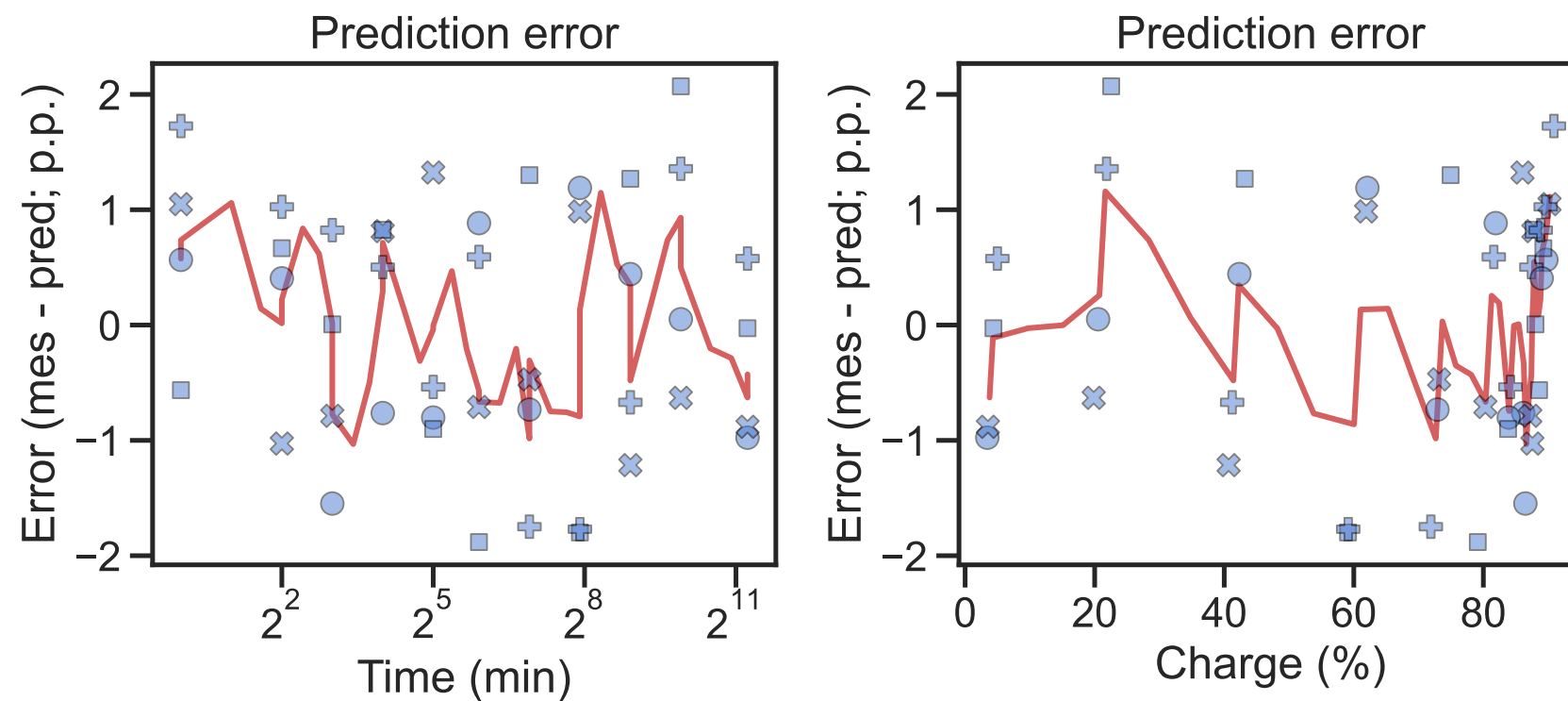
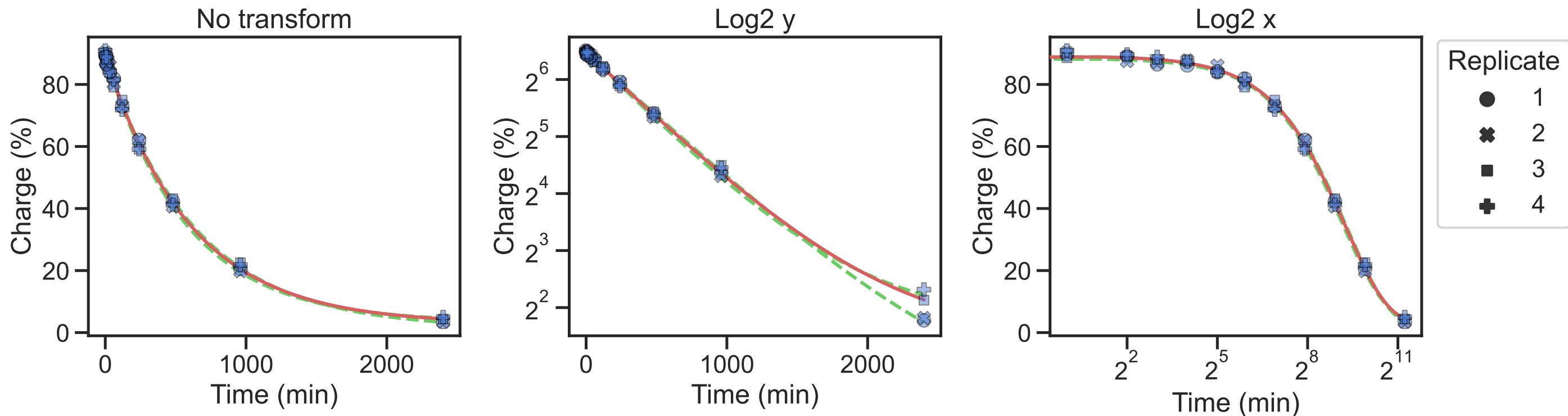
mito-Lys-TTT half-life=462 min, 95% CI (432; 485)



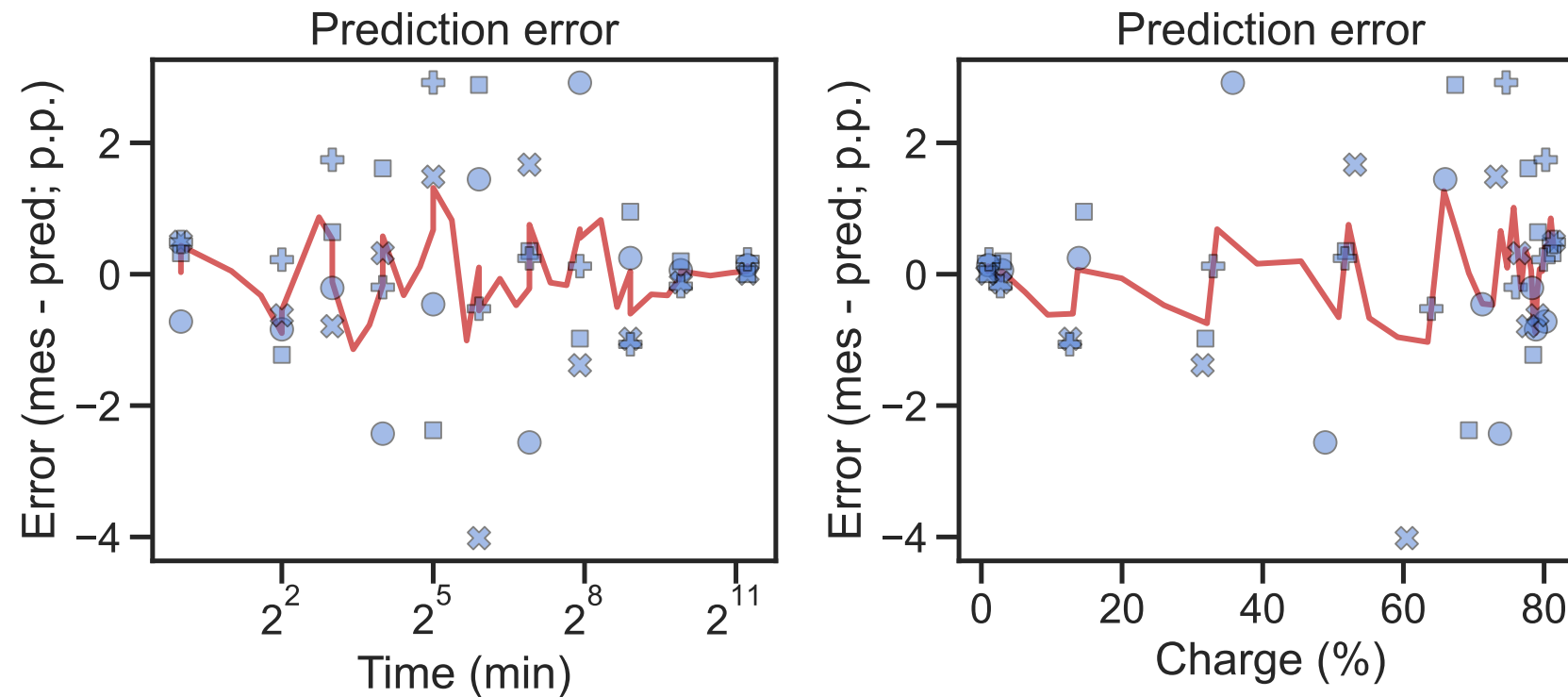
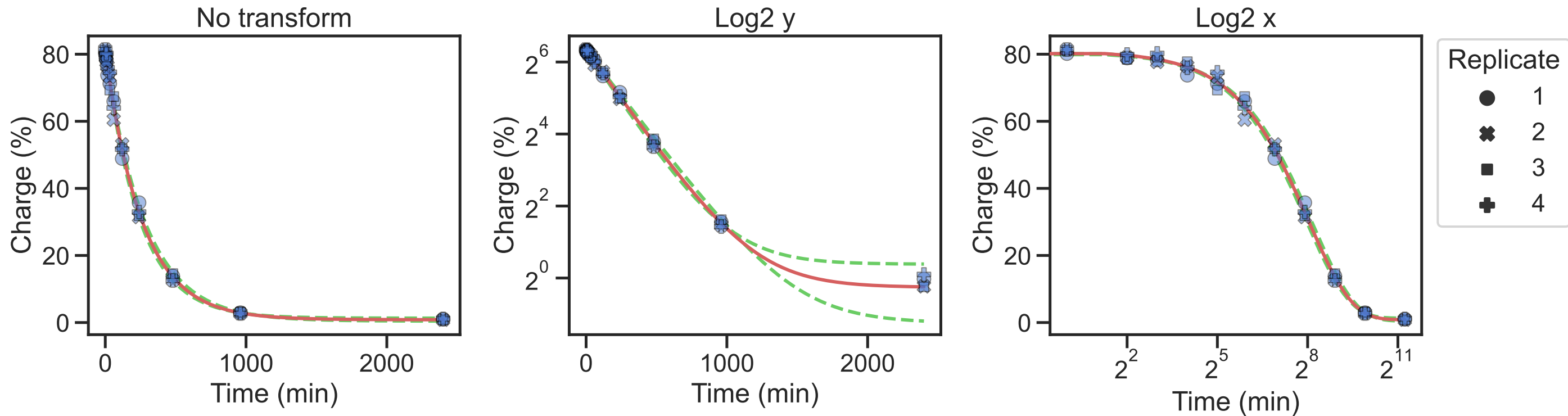
mito-Met-CAT half-life=1269 min, 95% CI (1209; 1328)



mito-Phe-GAA half-life=420 min, 95% CI (398; 447)

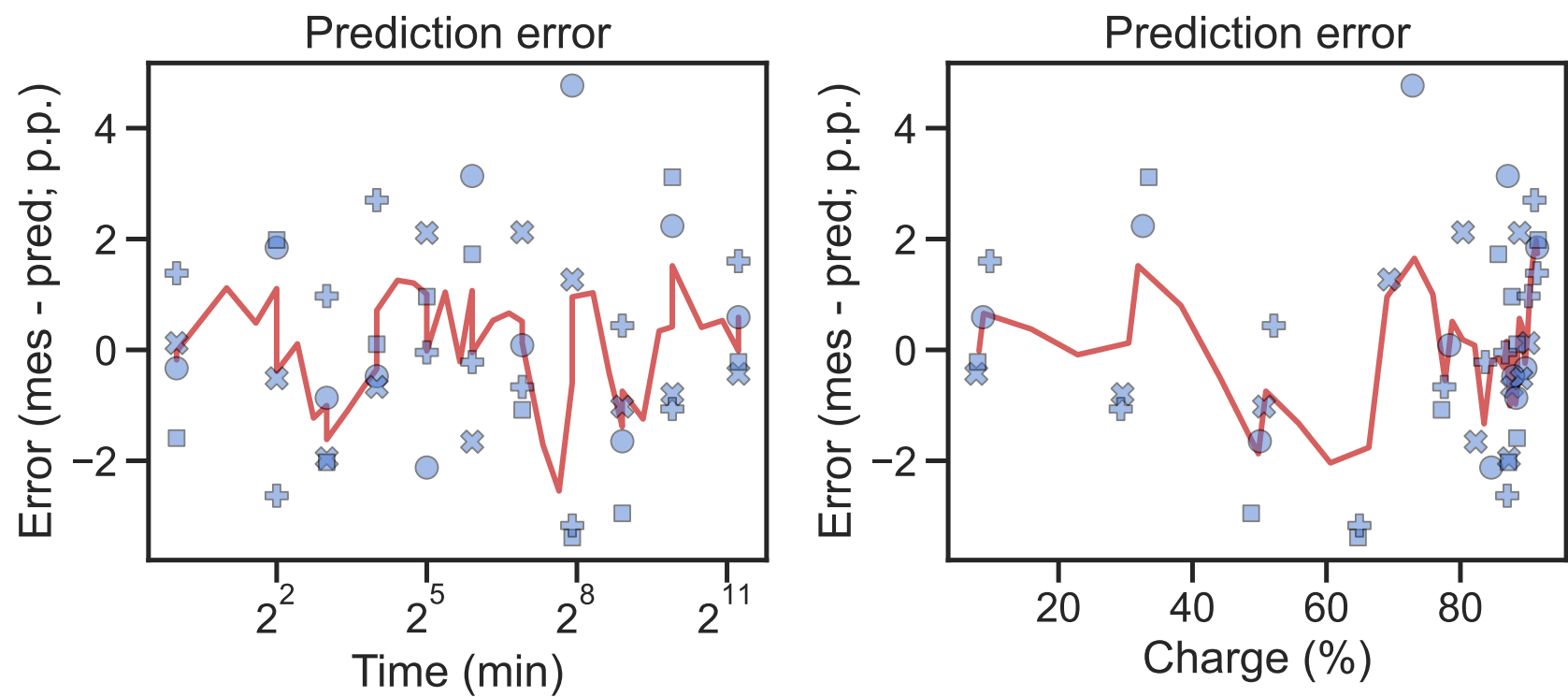
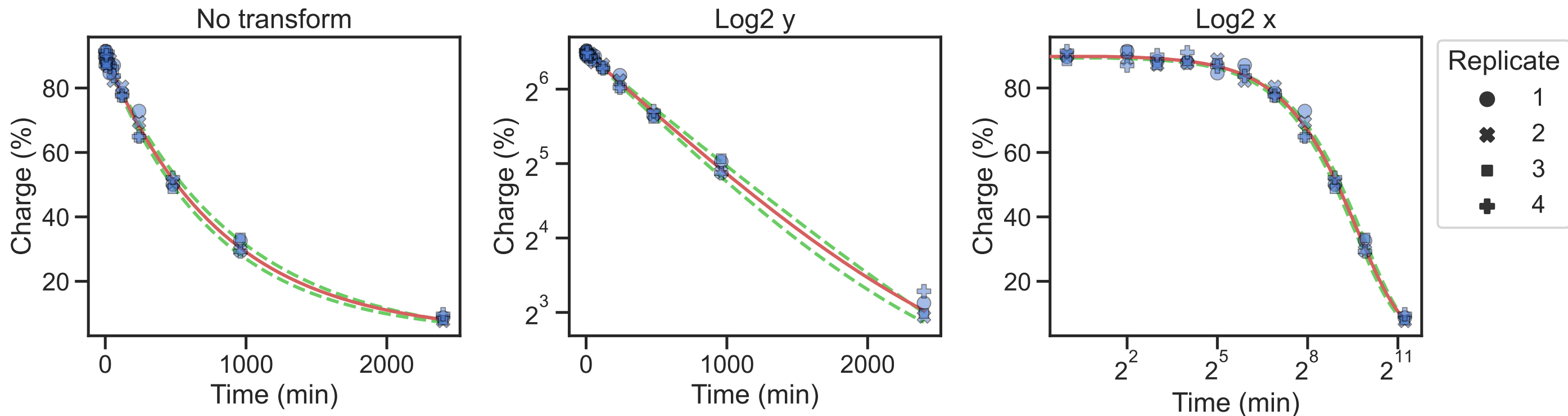


mito-Pro-TGG half-life=181 min, 95% CI (170; 196)

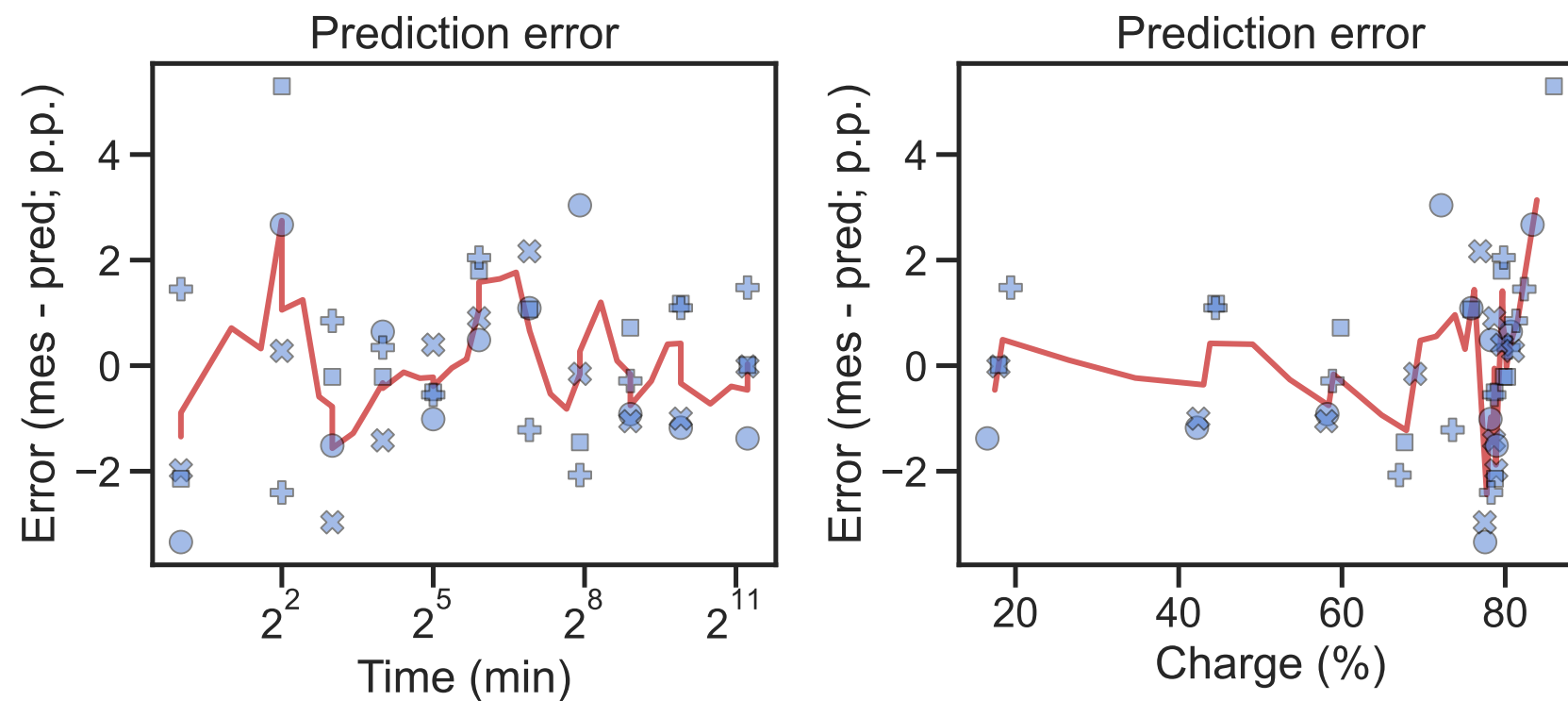
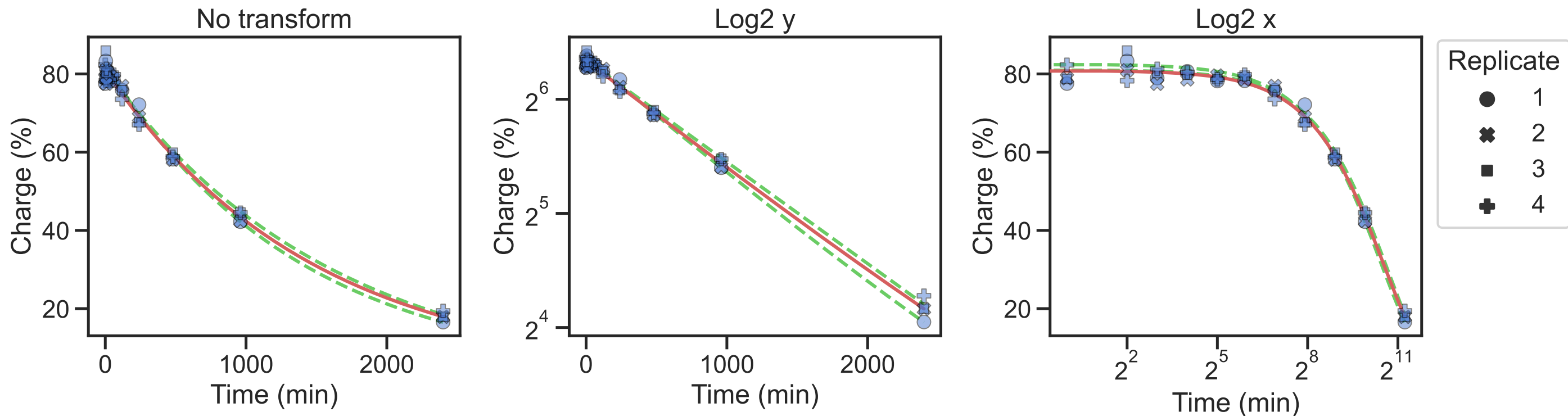




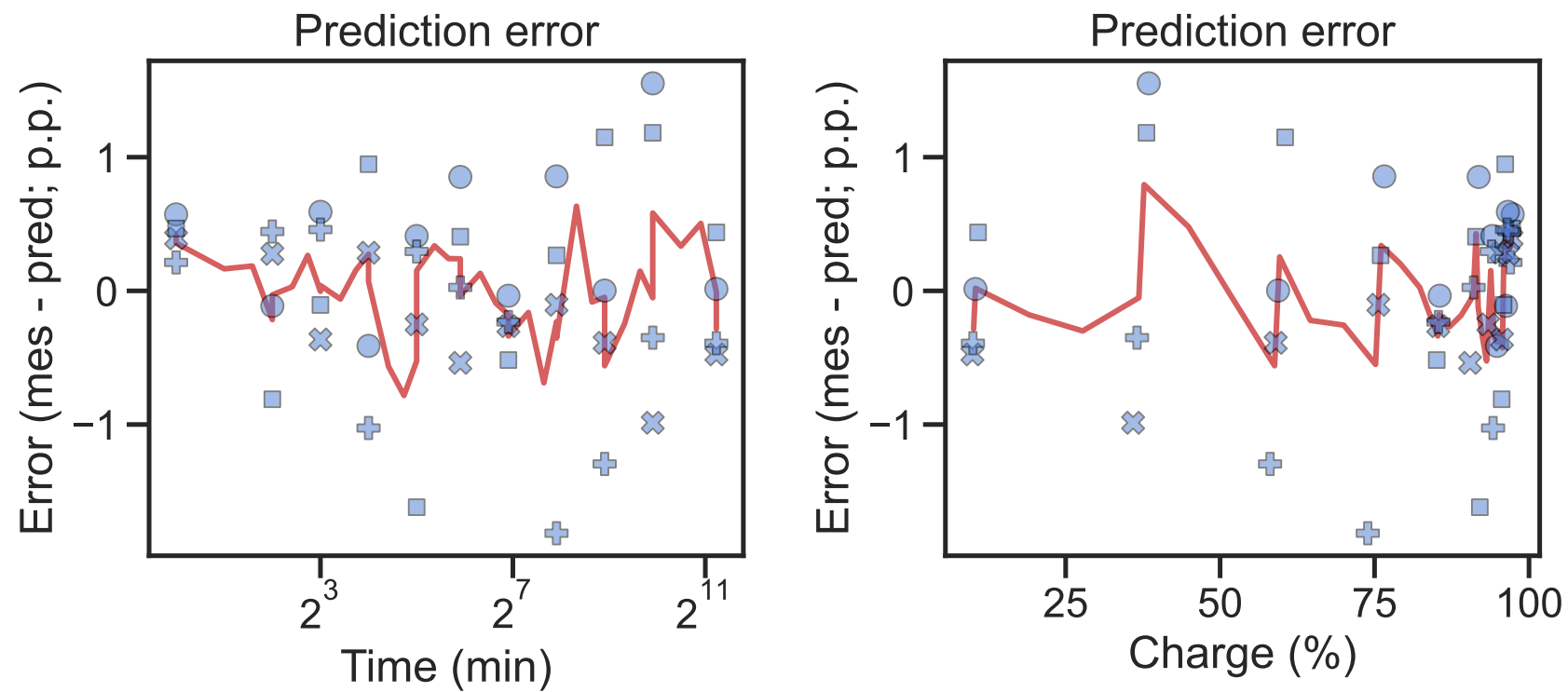
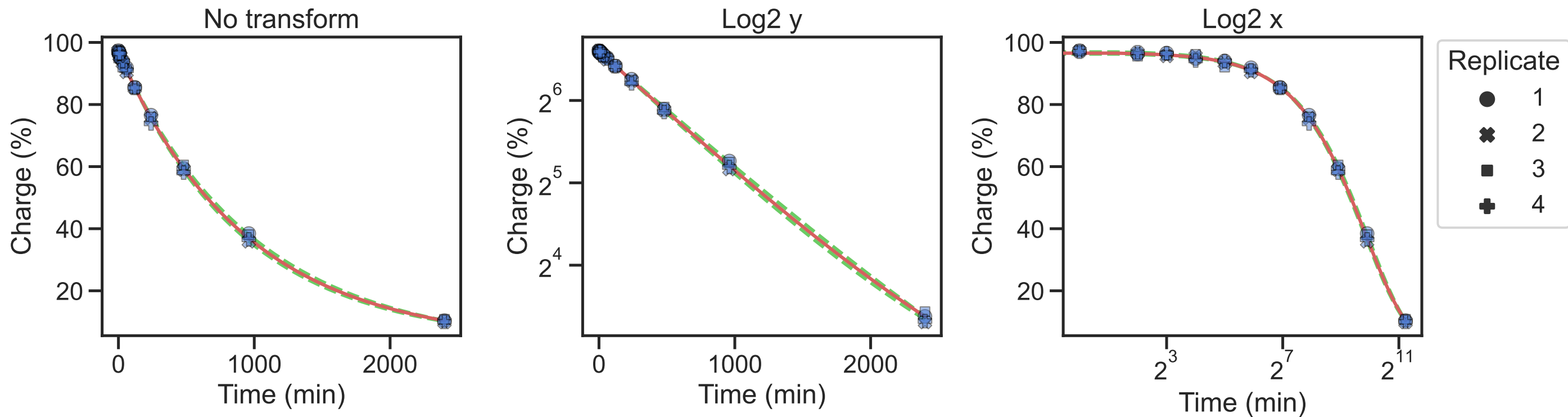
mito-Ser2-TGA half-life=569 min, 95% CI (533; 638)



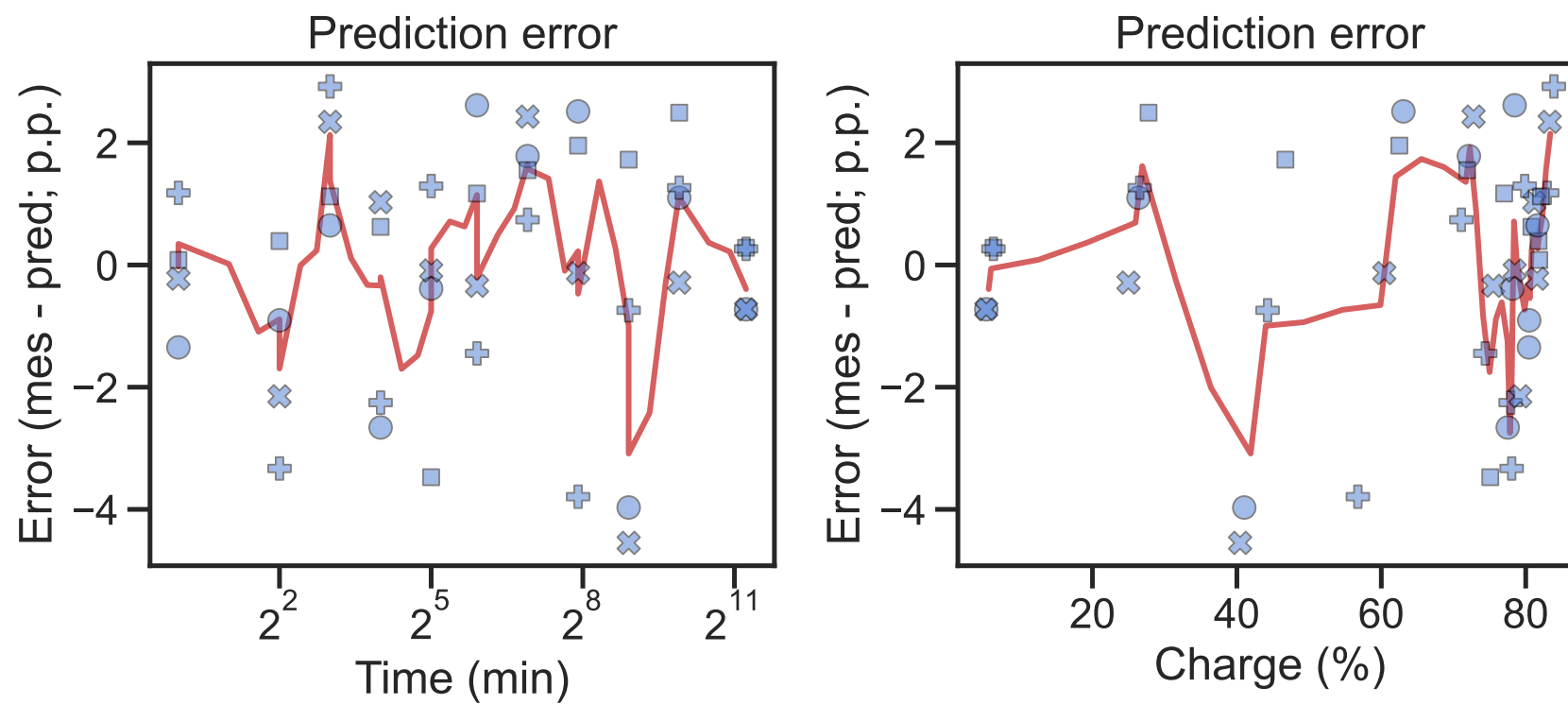
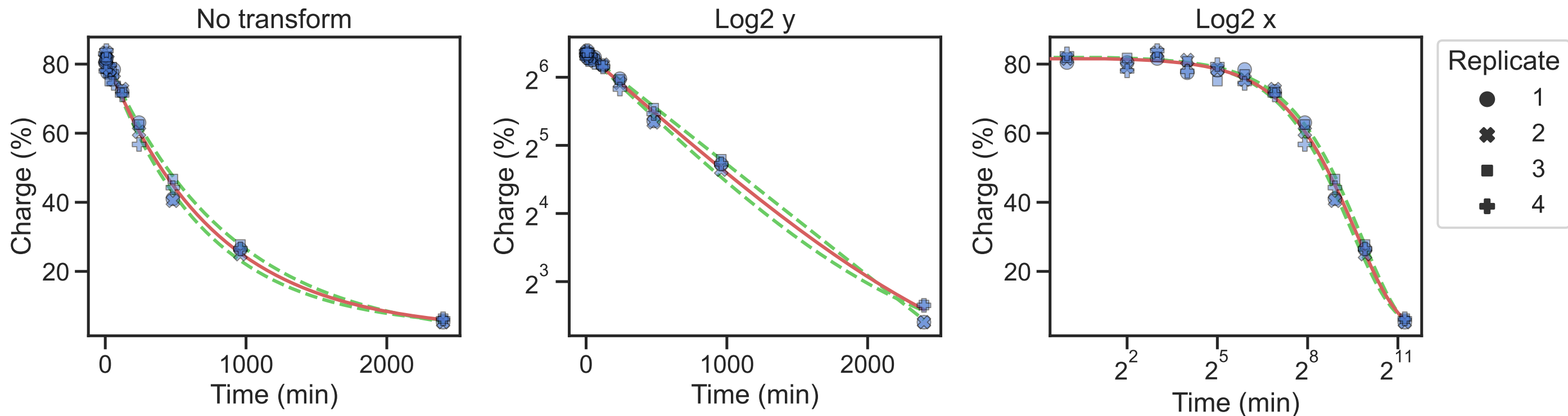
mito-Thr-TGT half-life=1023 min, 95% CI (945; 1123)



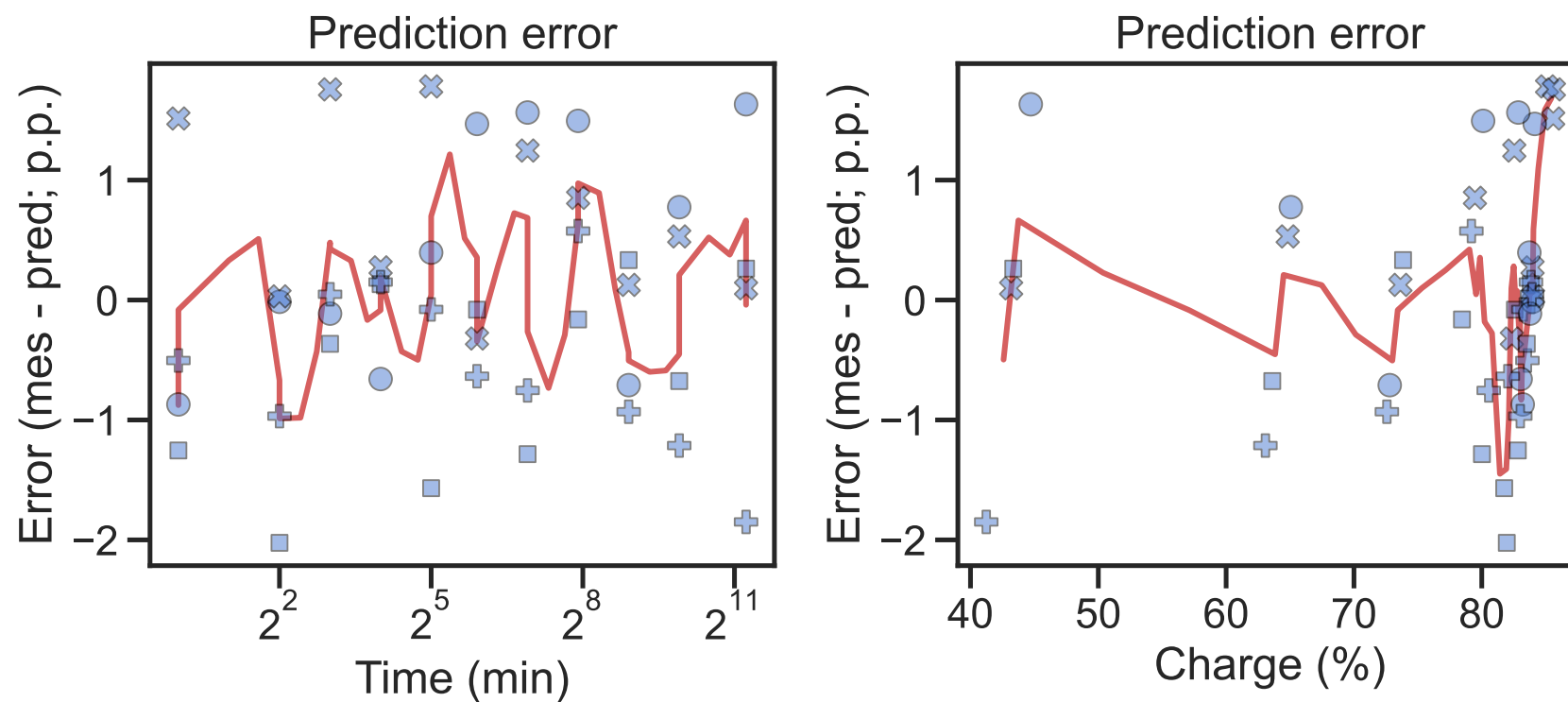
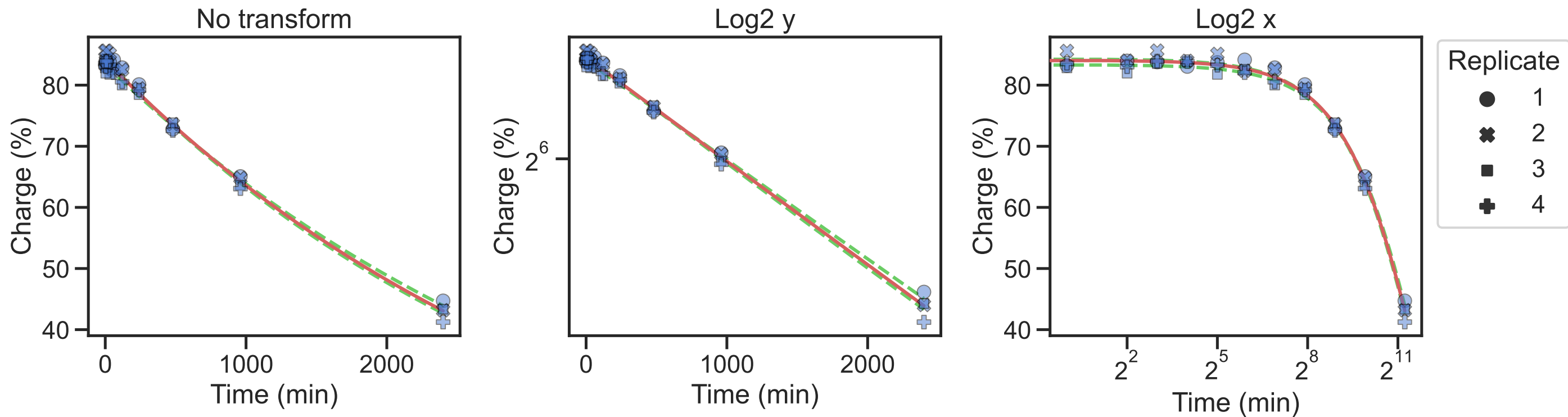
mito-Trp-TCA half-life=654 min, 95% CI (628; 694)



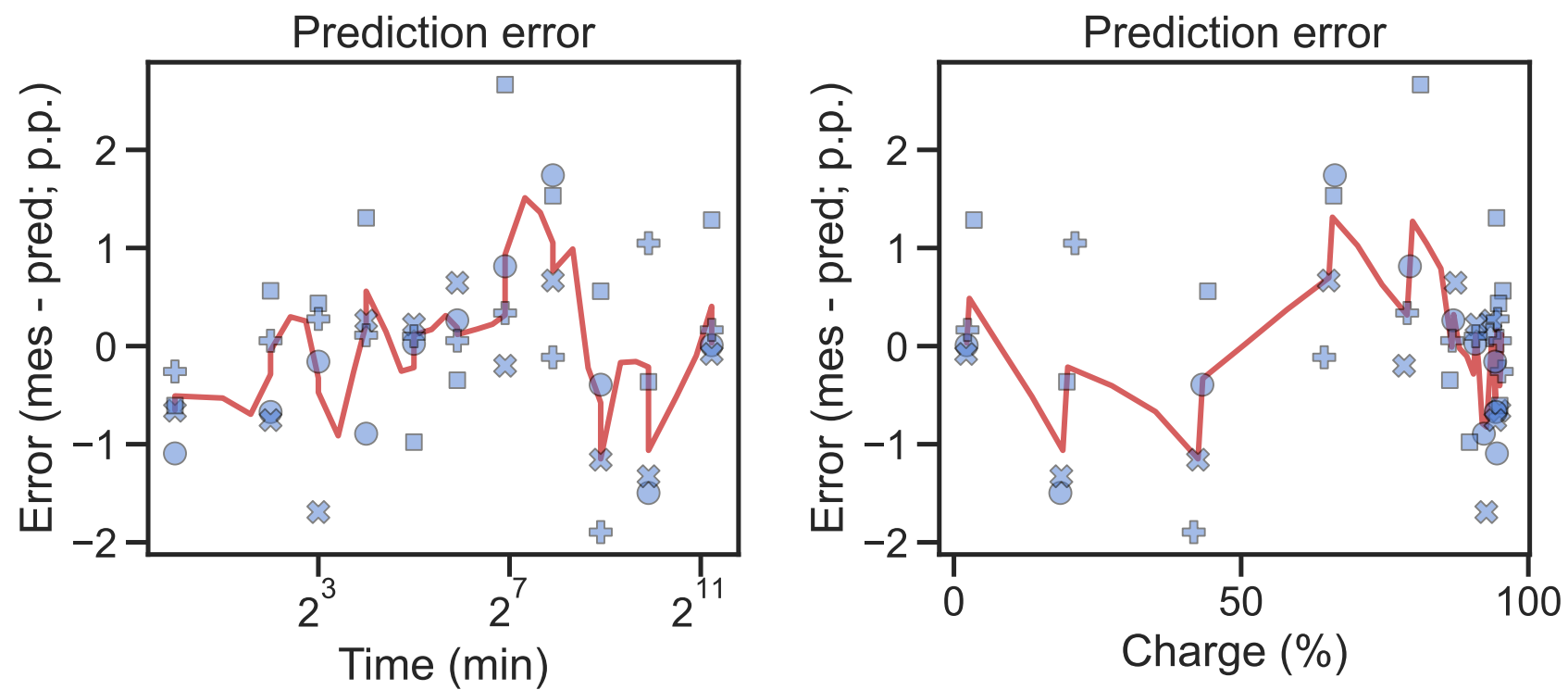
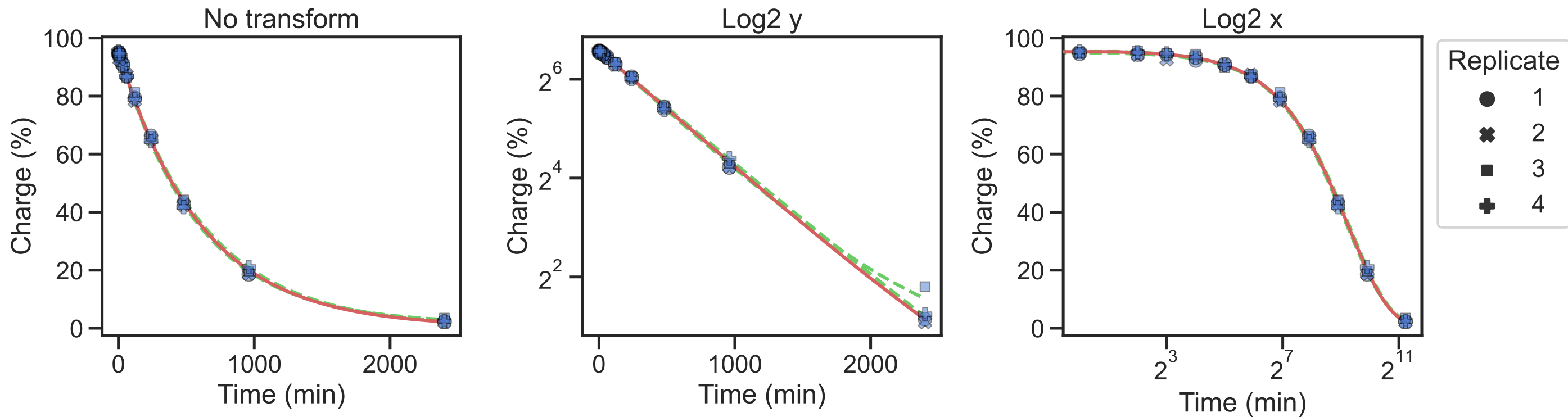
mito-Tyr-GTA half-life=533 min, 95% CI (479; 612)



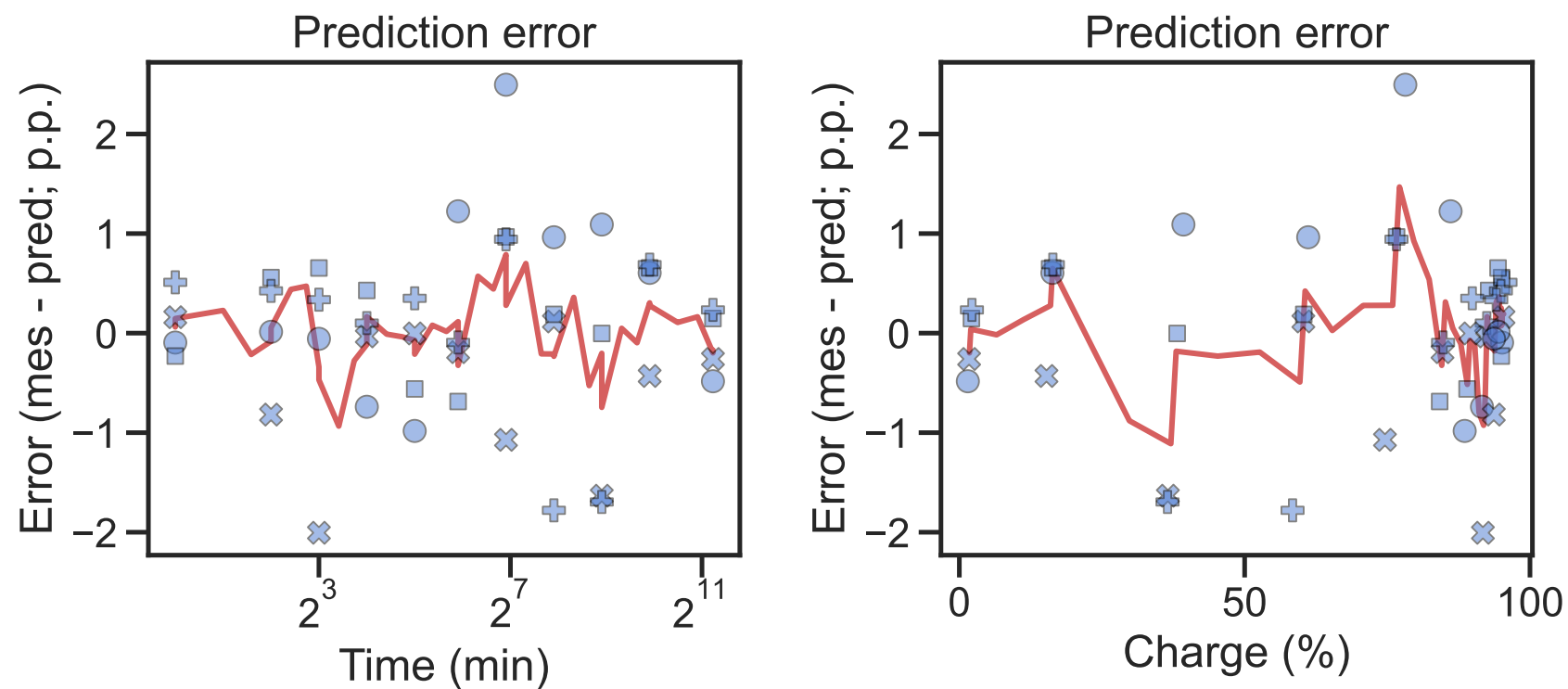
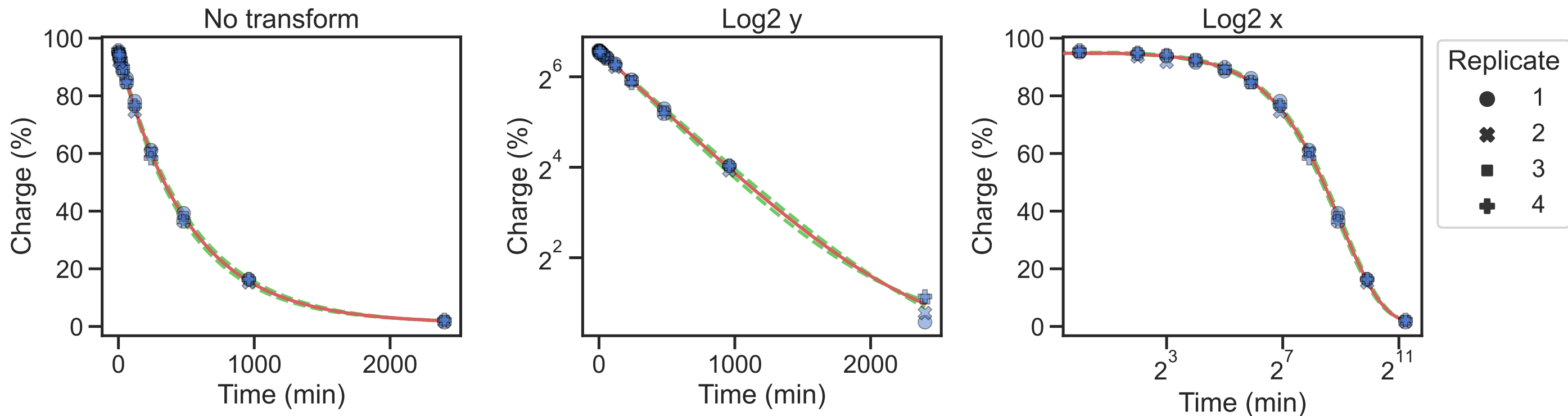
mito-Val-TAC half-life=2444 min, 95% CI (2298; 2598)



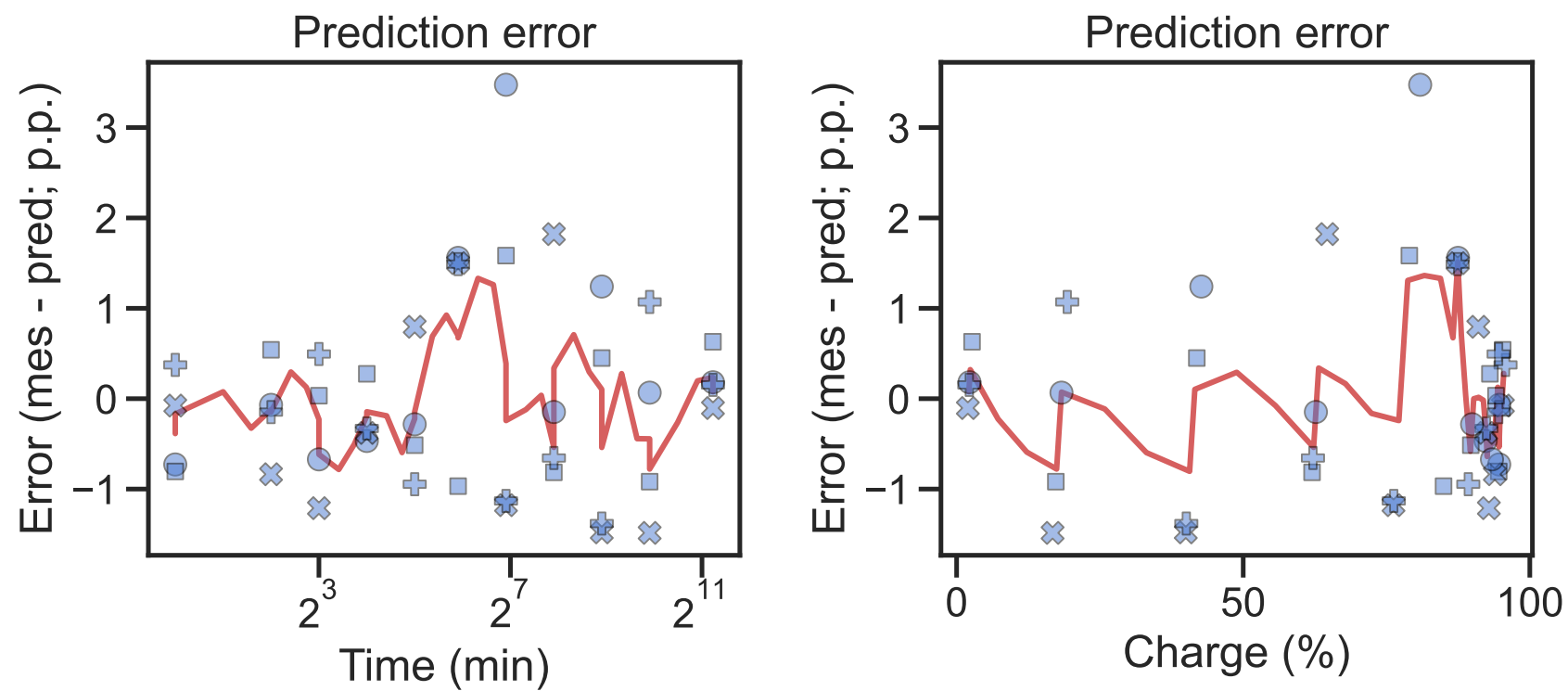
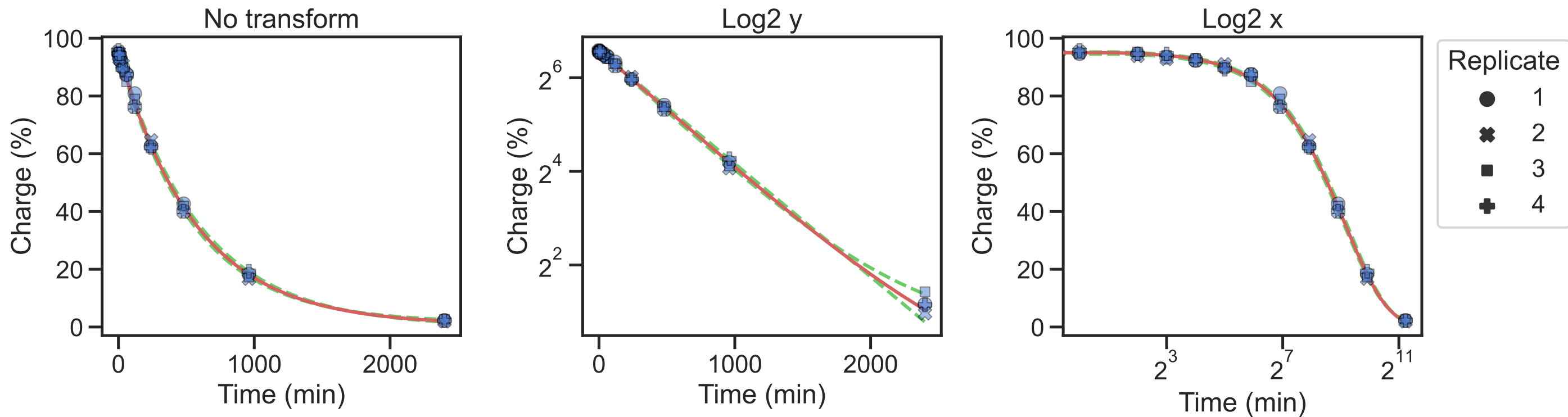
Ala-AGC-1-1 half-life=422min, 95% CI (403; 437)



Ala-AGC-11-1 half-life=357 min, 95% CI (340; 374)

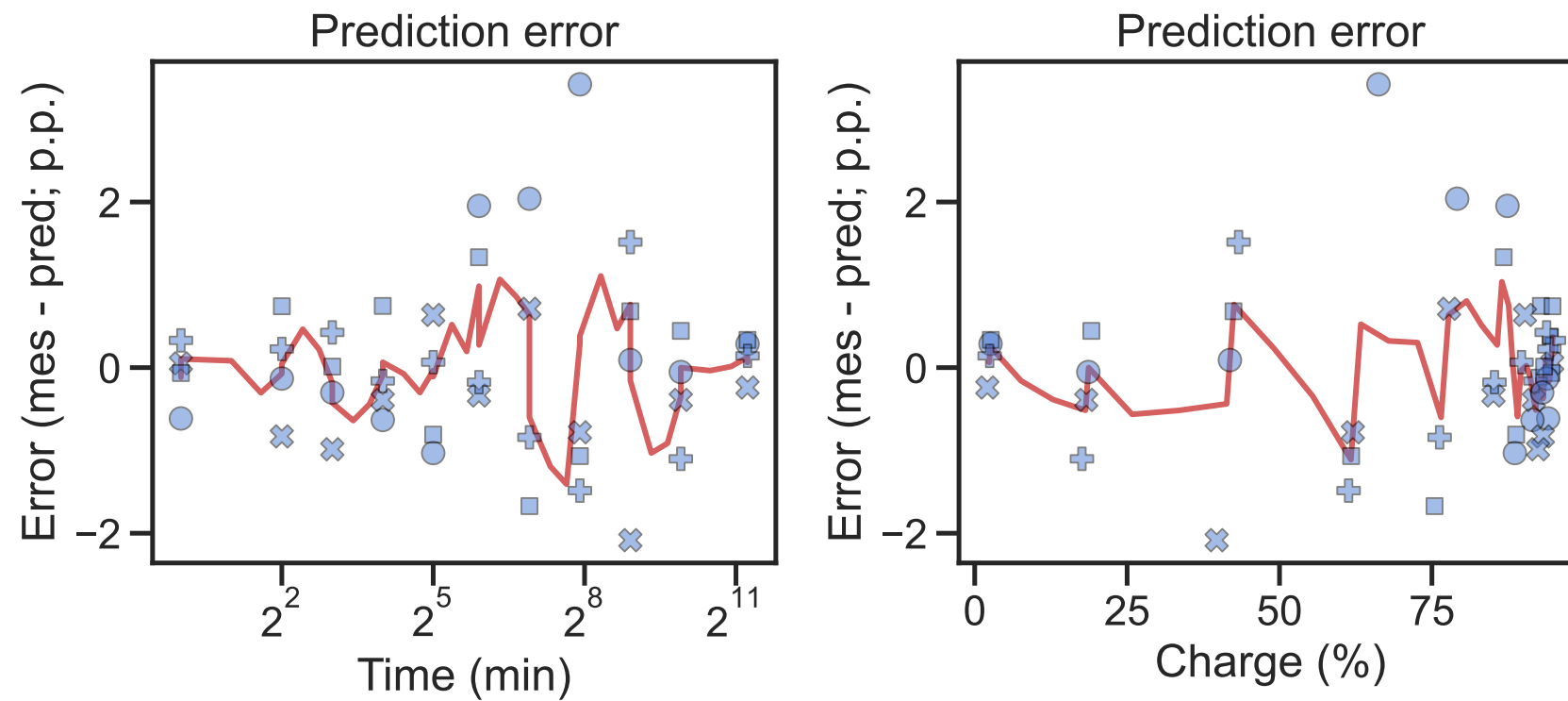
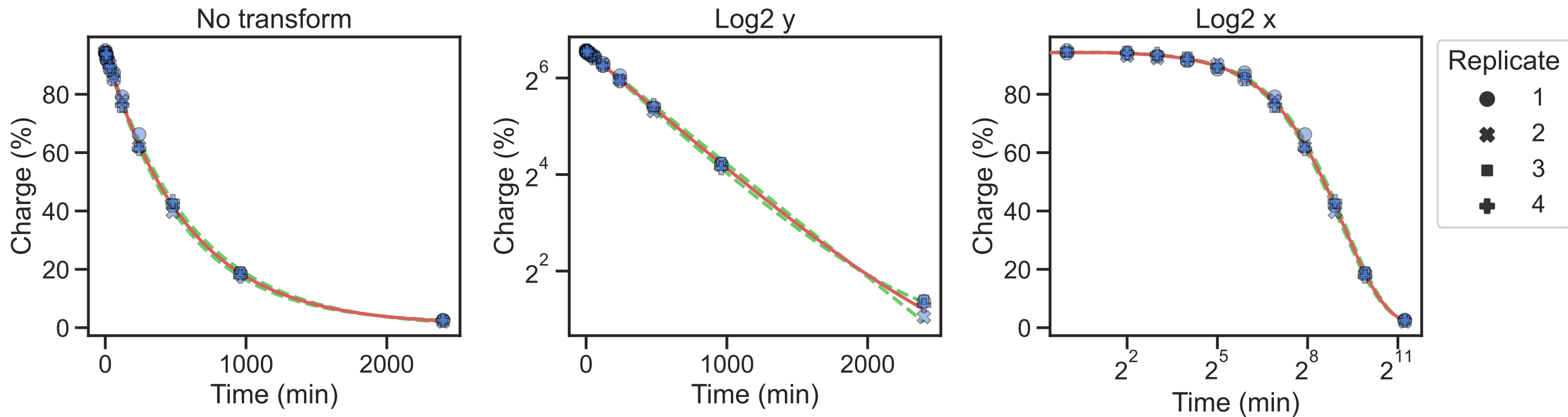


Ala-AGC-2-1 half-life=395min, 95% CI (377; 414)

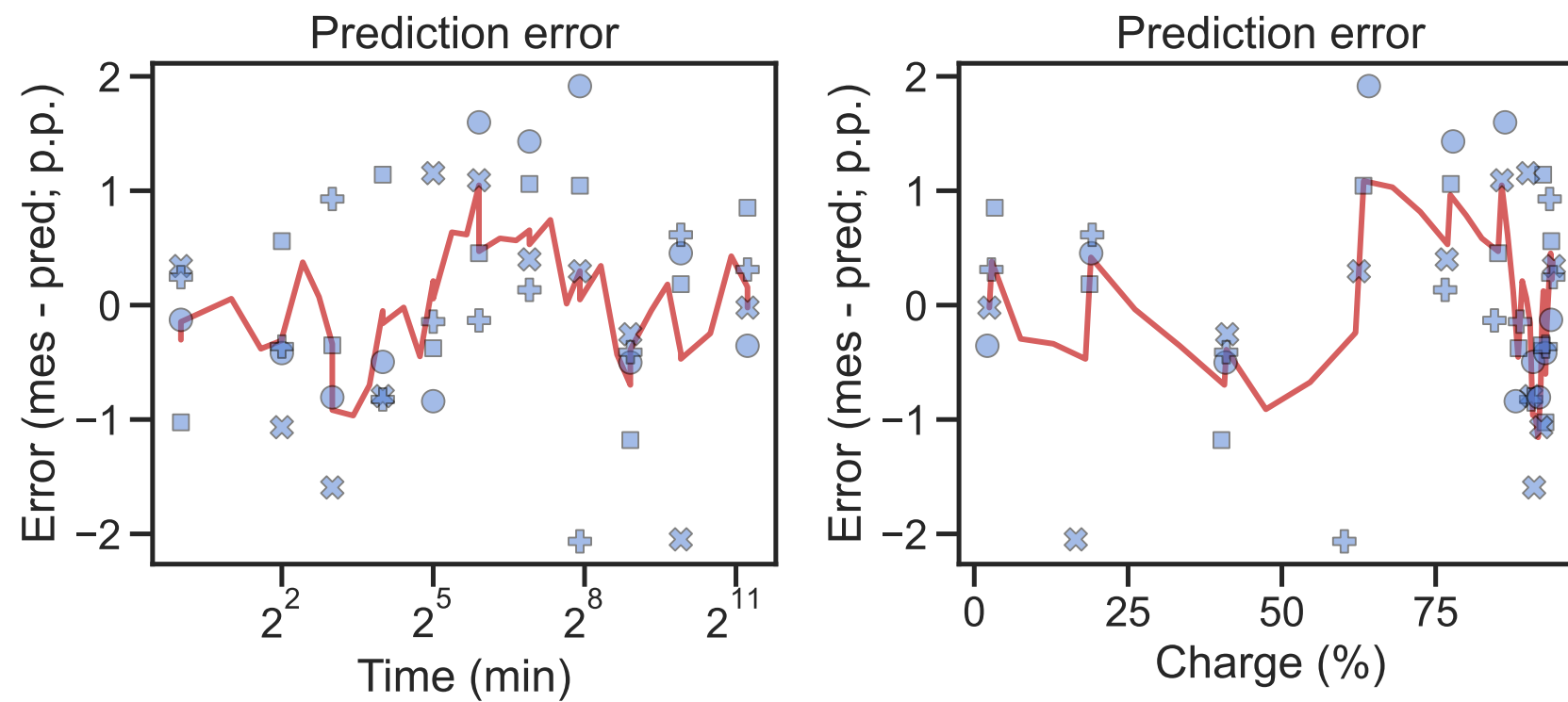
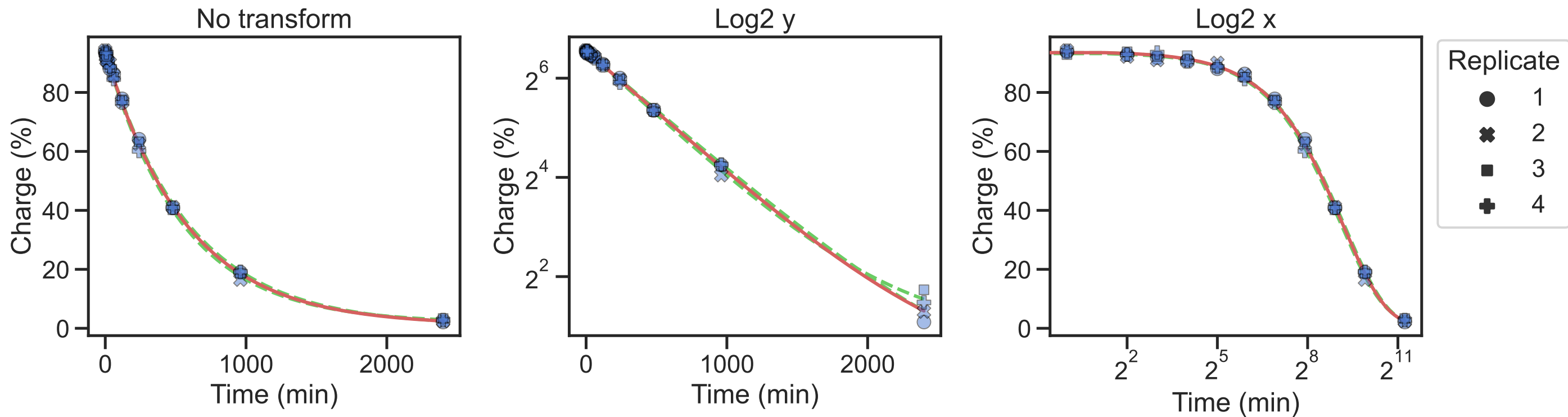




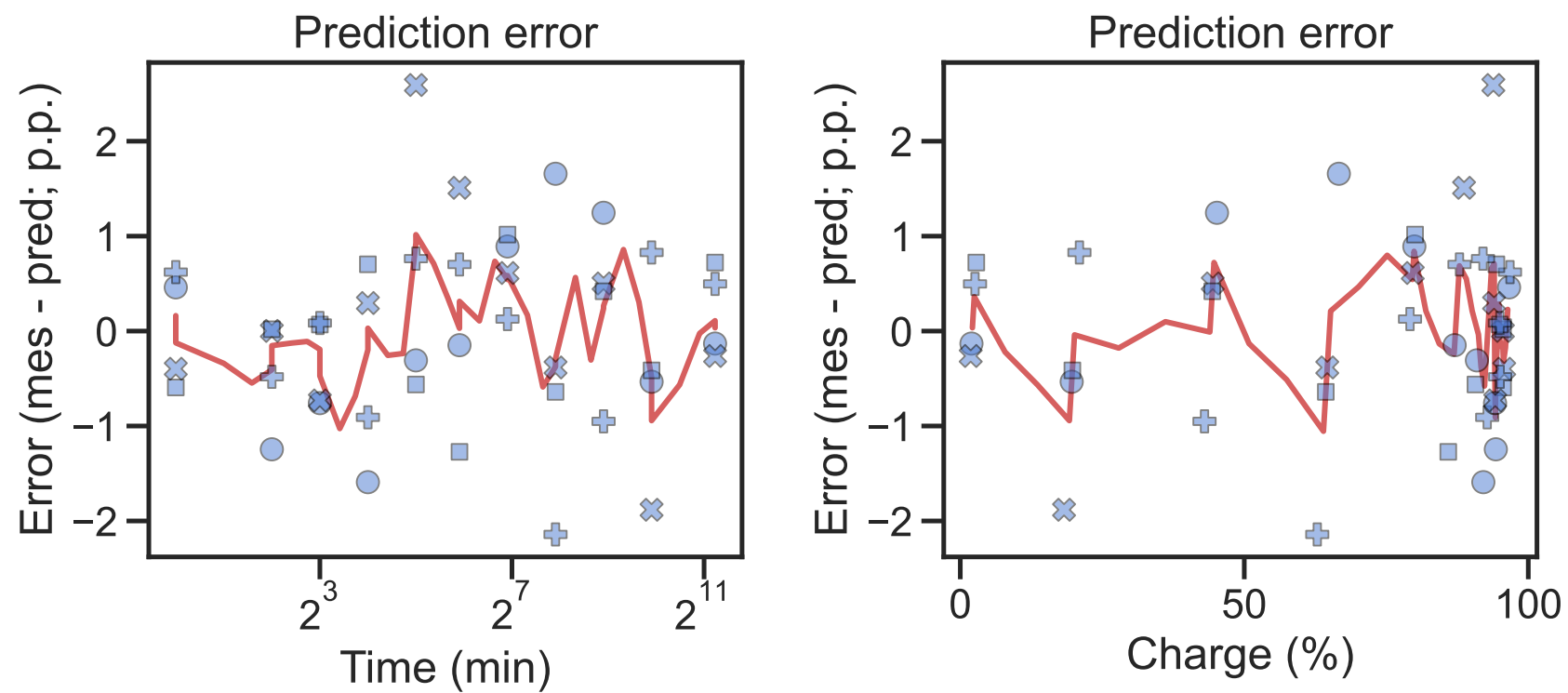
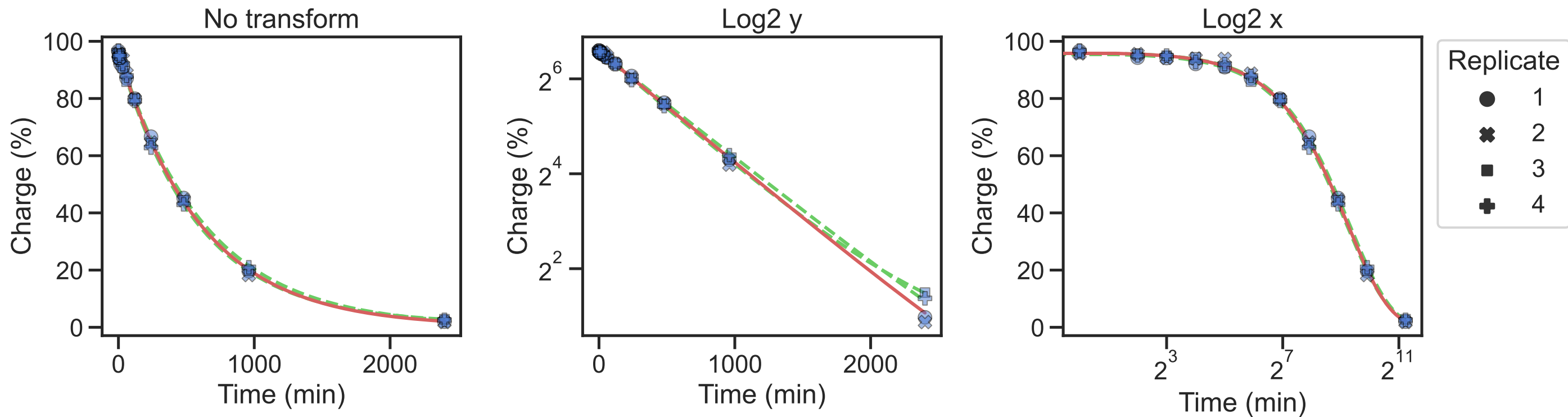
Ala-AGC-3-1 half-life=401 min, 95% CI (378; 426)



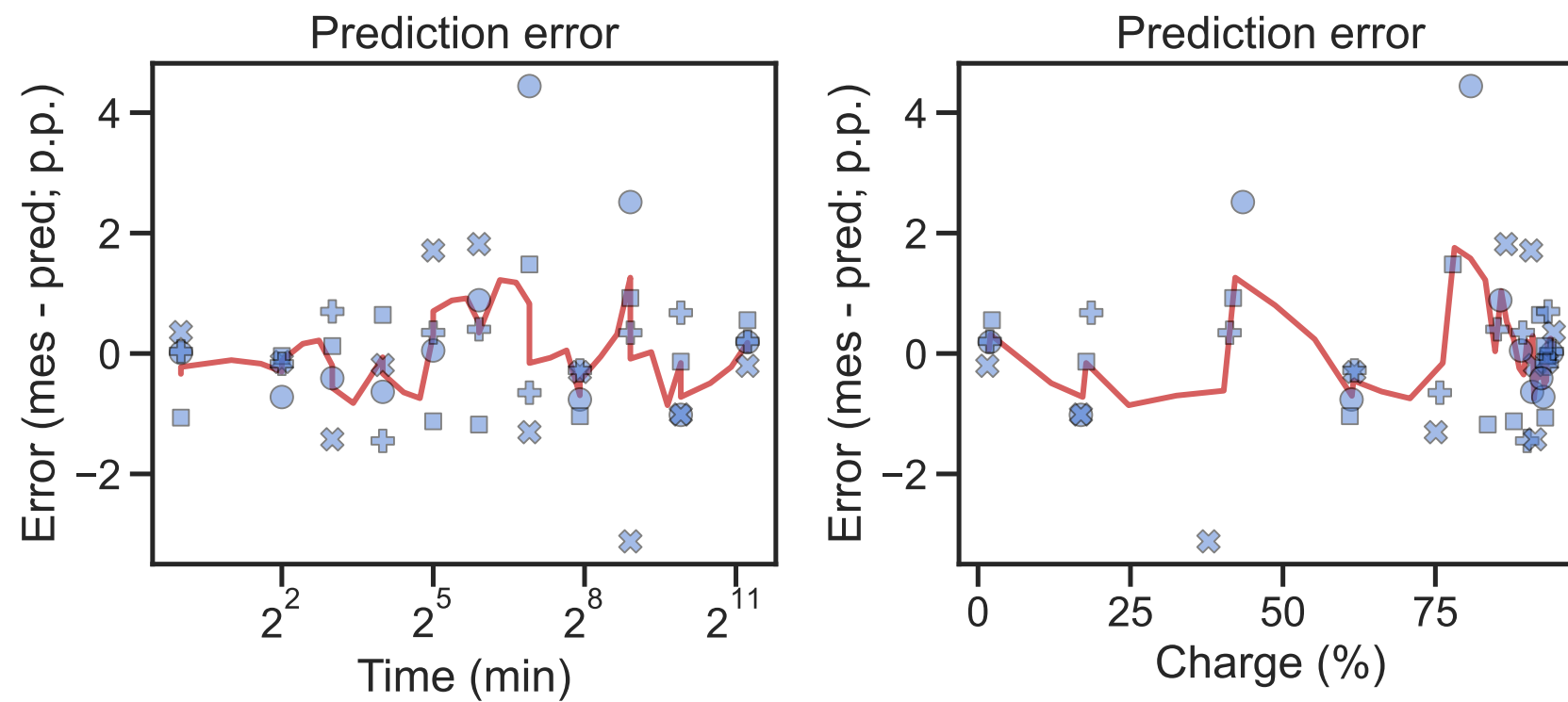
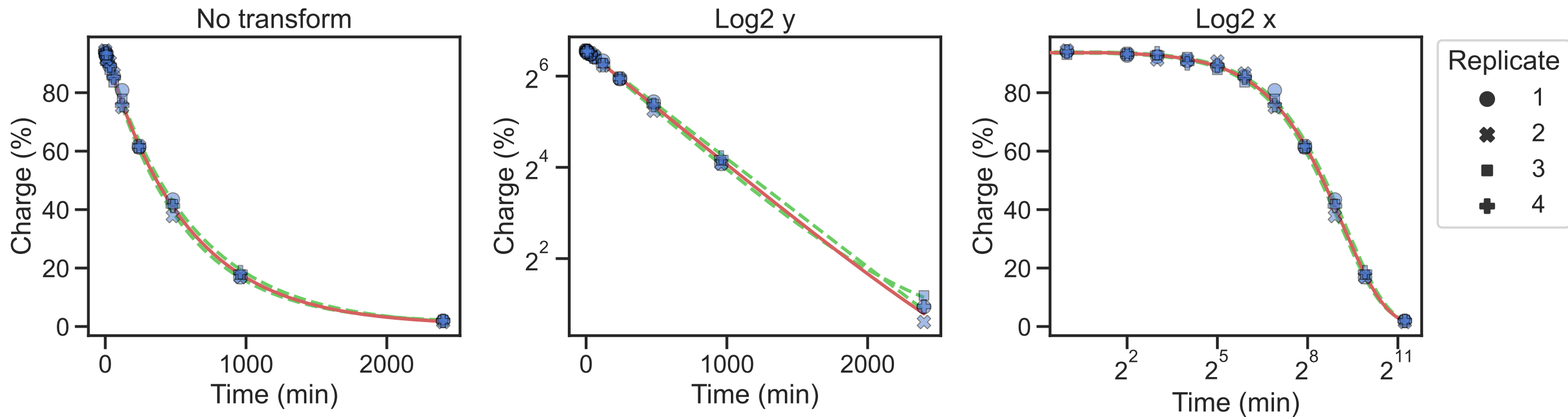
Ala-AGC-4-1 half-life=399min, 95% CI (378; 413)



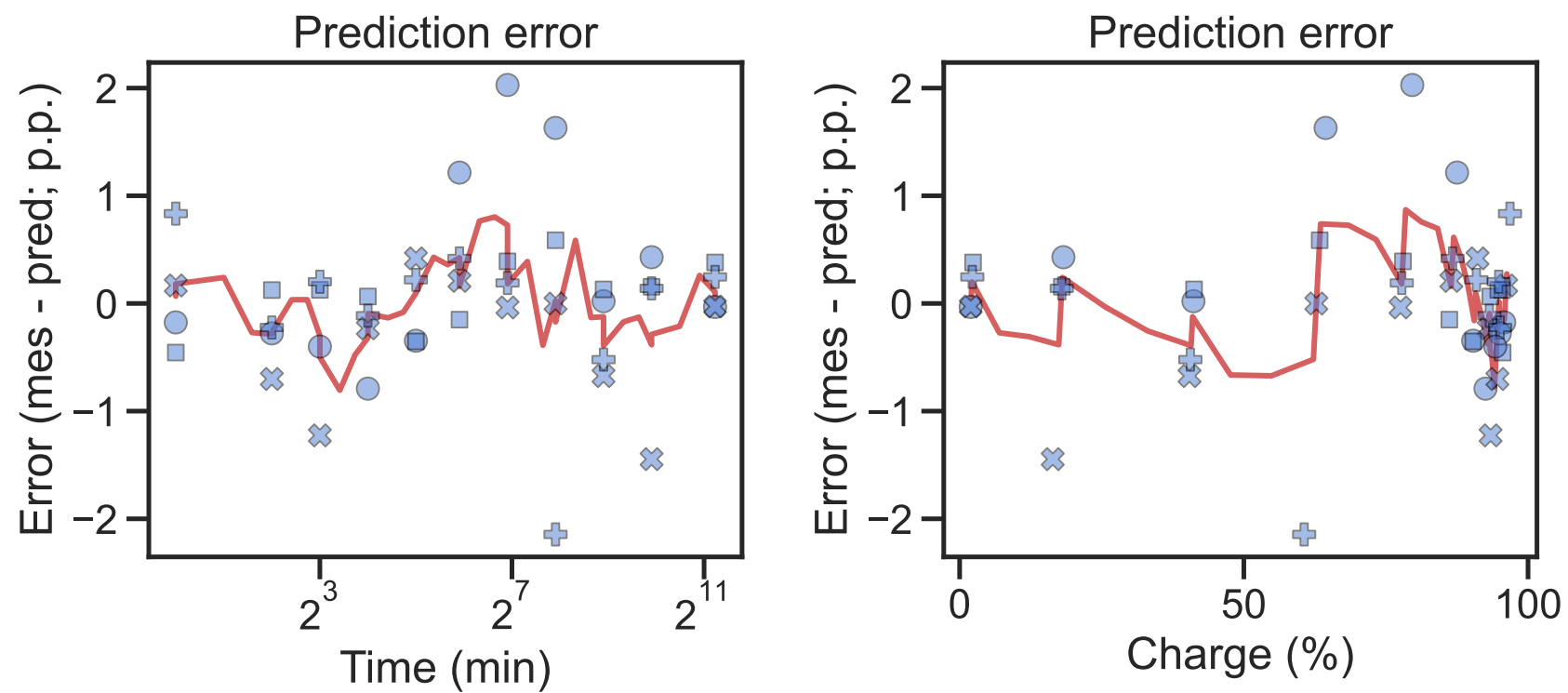
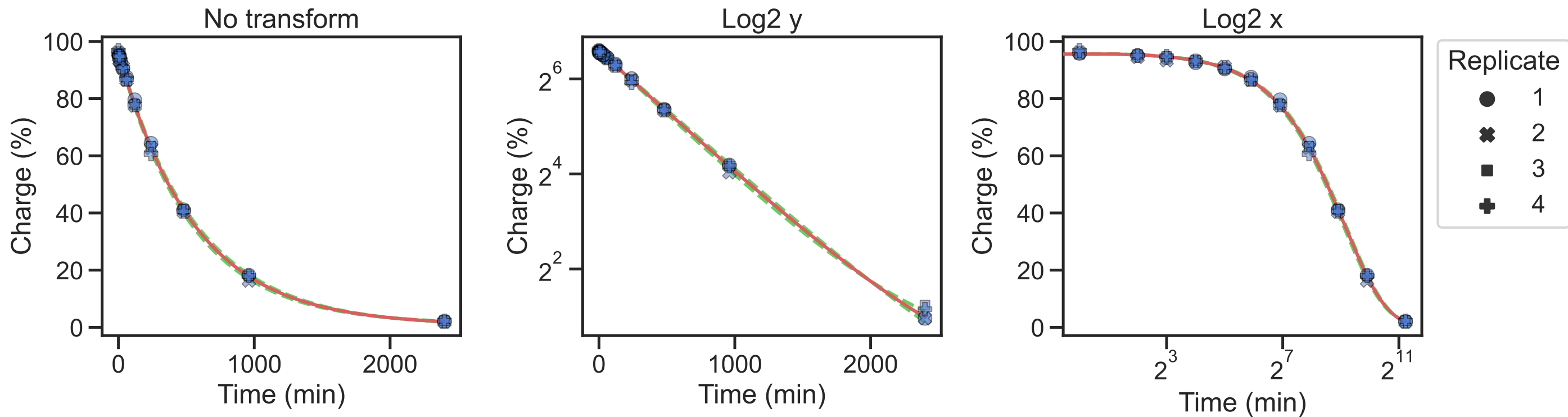
Ala-AGC-5-1 half-life=424min, 95% CI (406; 443)



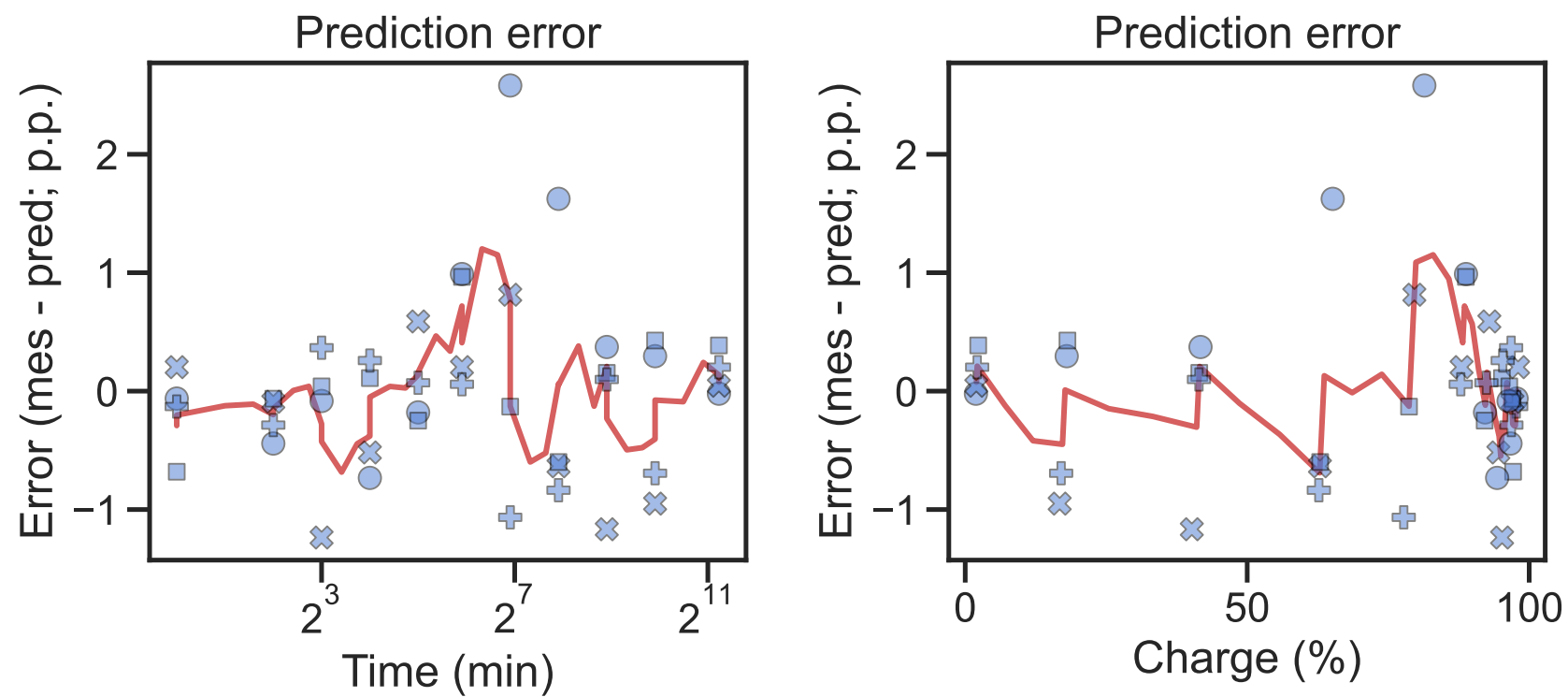
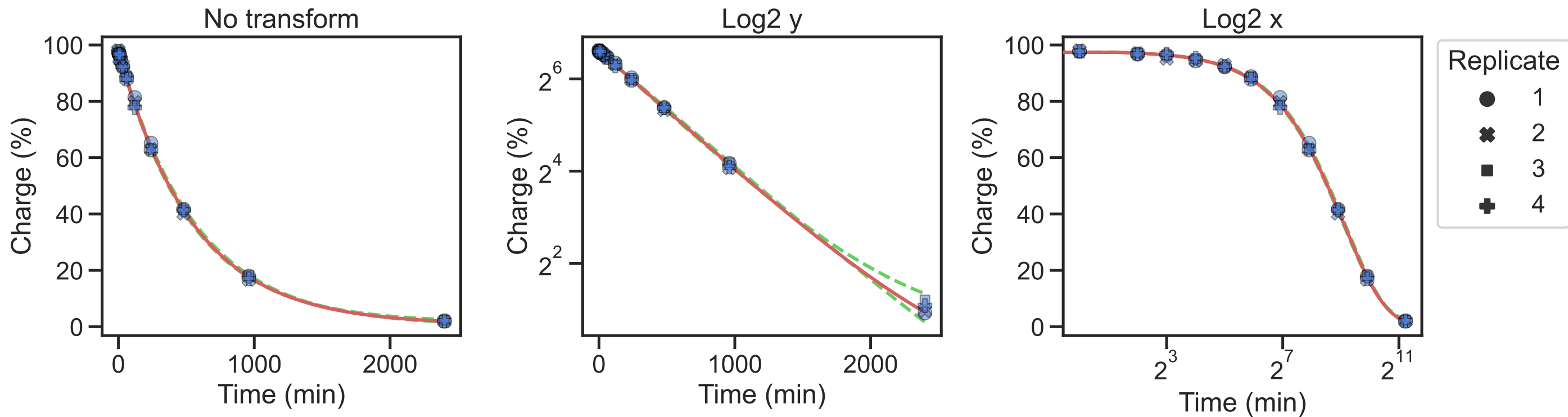
Ala-AGC-6-1 half-life=398min, 95% CI (372; 422)



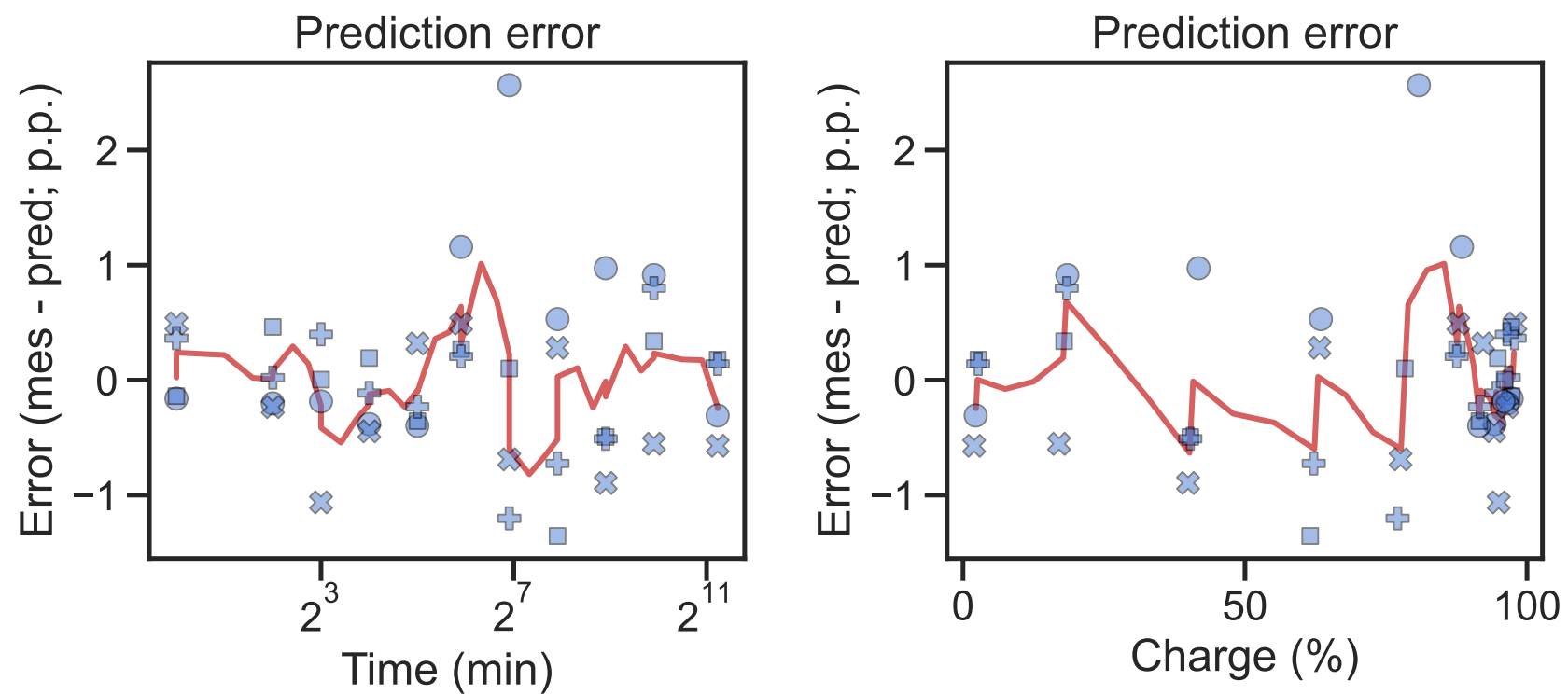
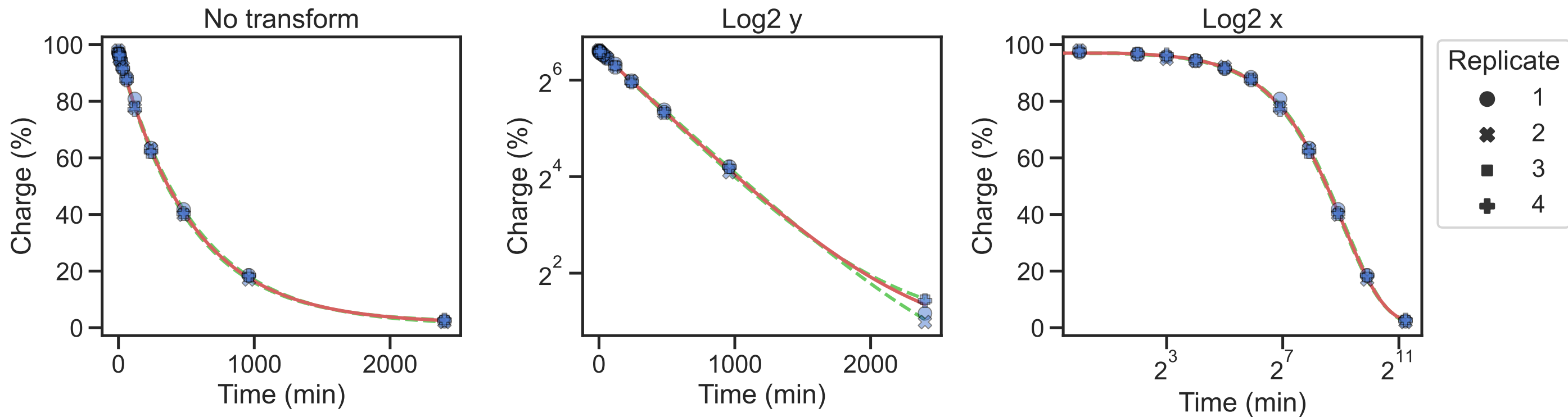
Ala-AGC-8-1 half-life=388min, 95% CI (372; 401)



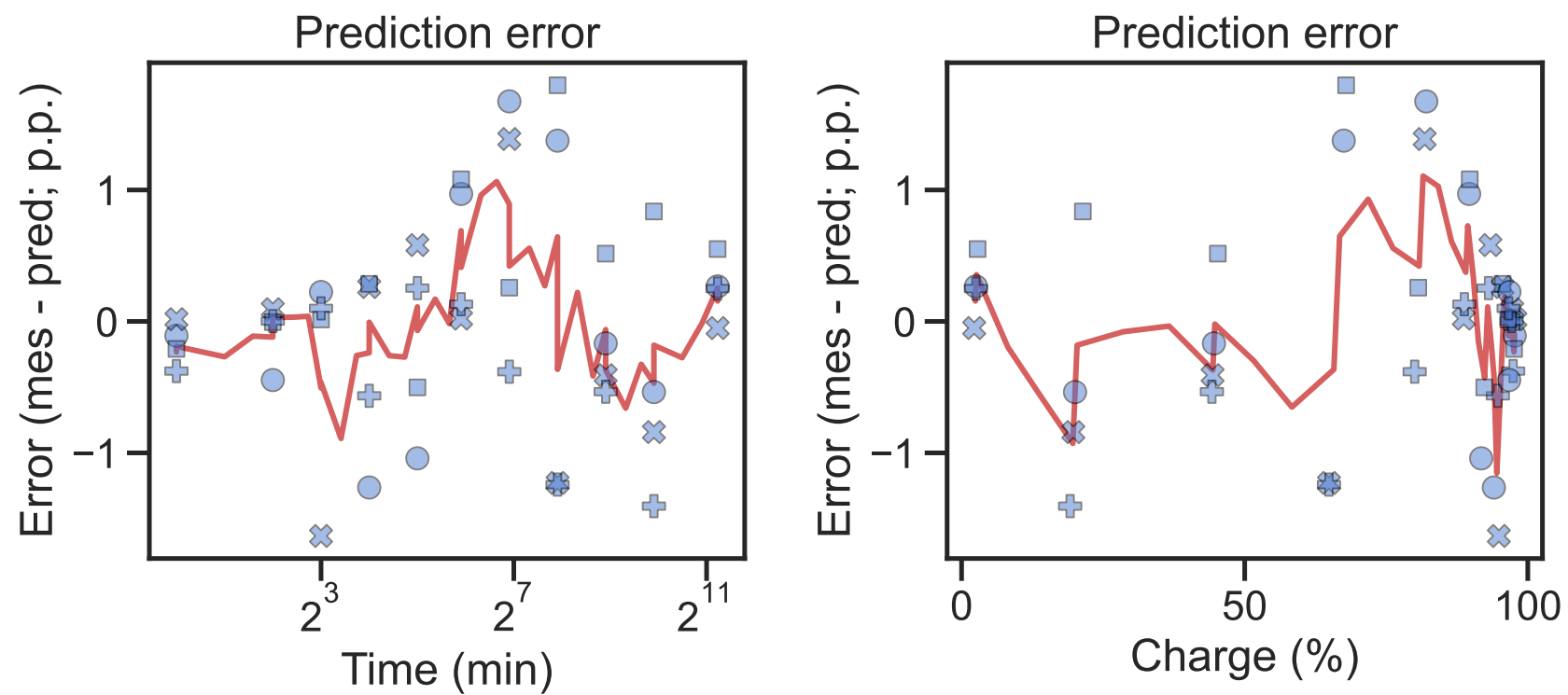
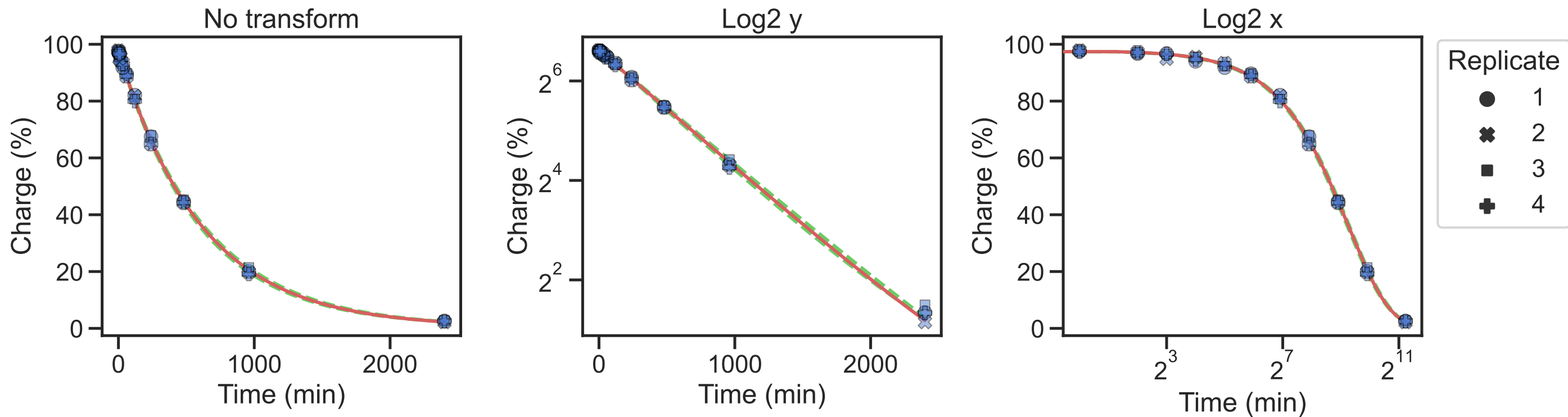
Ala-CGC-1-1 half-life=382 min, 95% CI (371; 396)



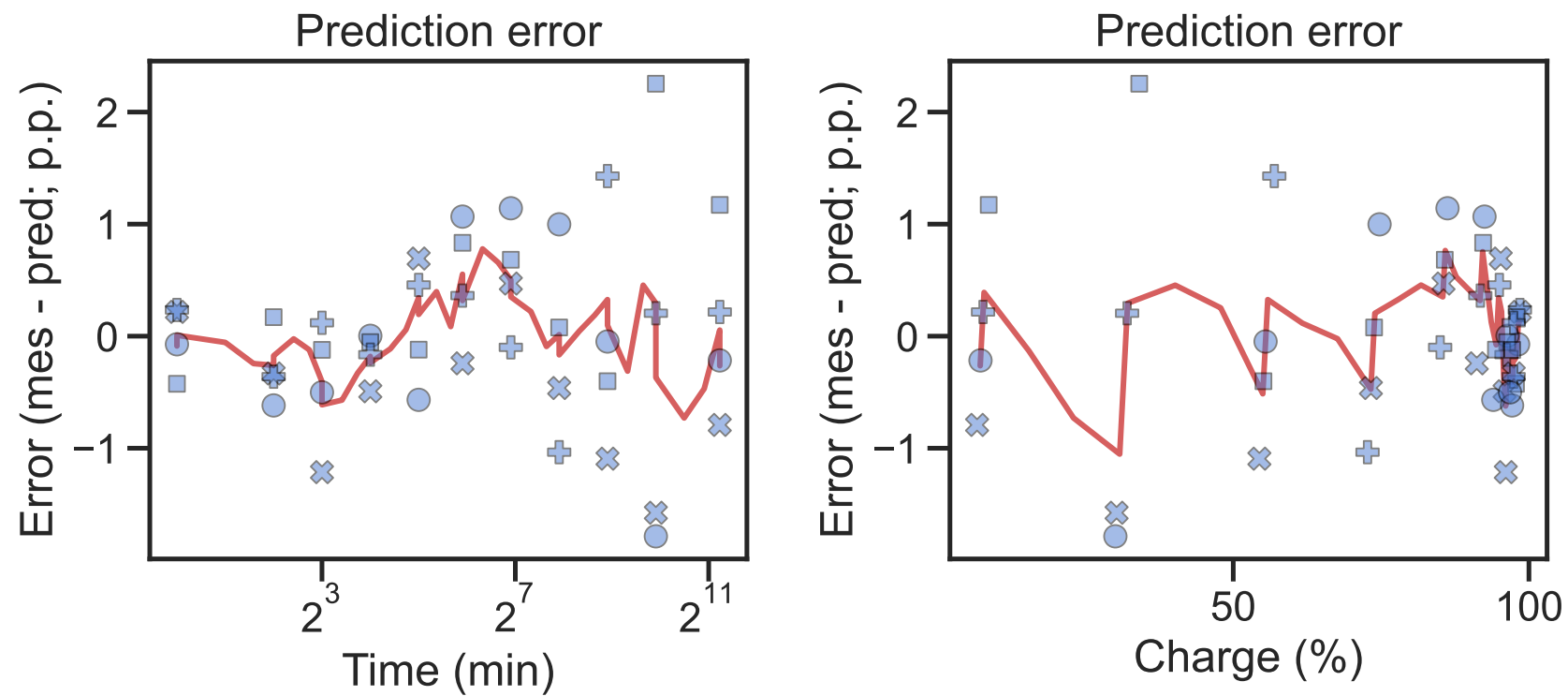
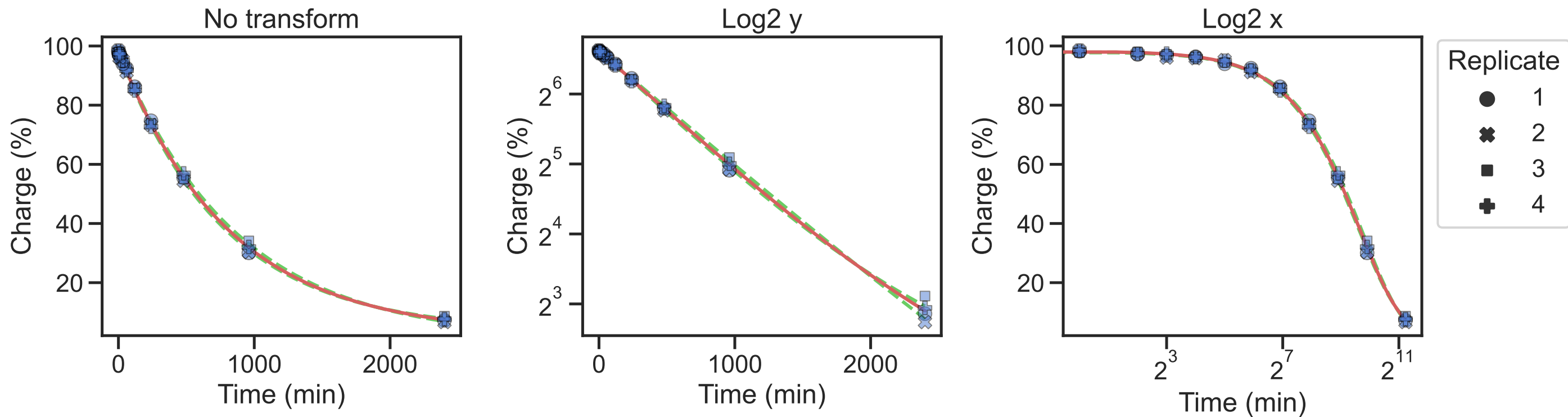
Ala-CGC-2-1 half-life=373min, 95% CI (363; 388)



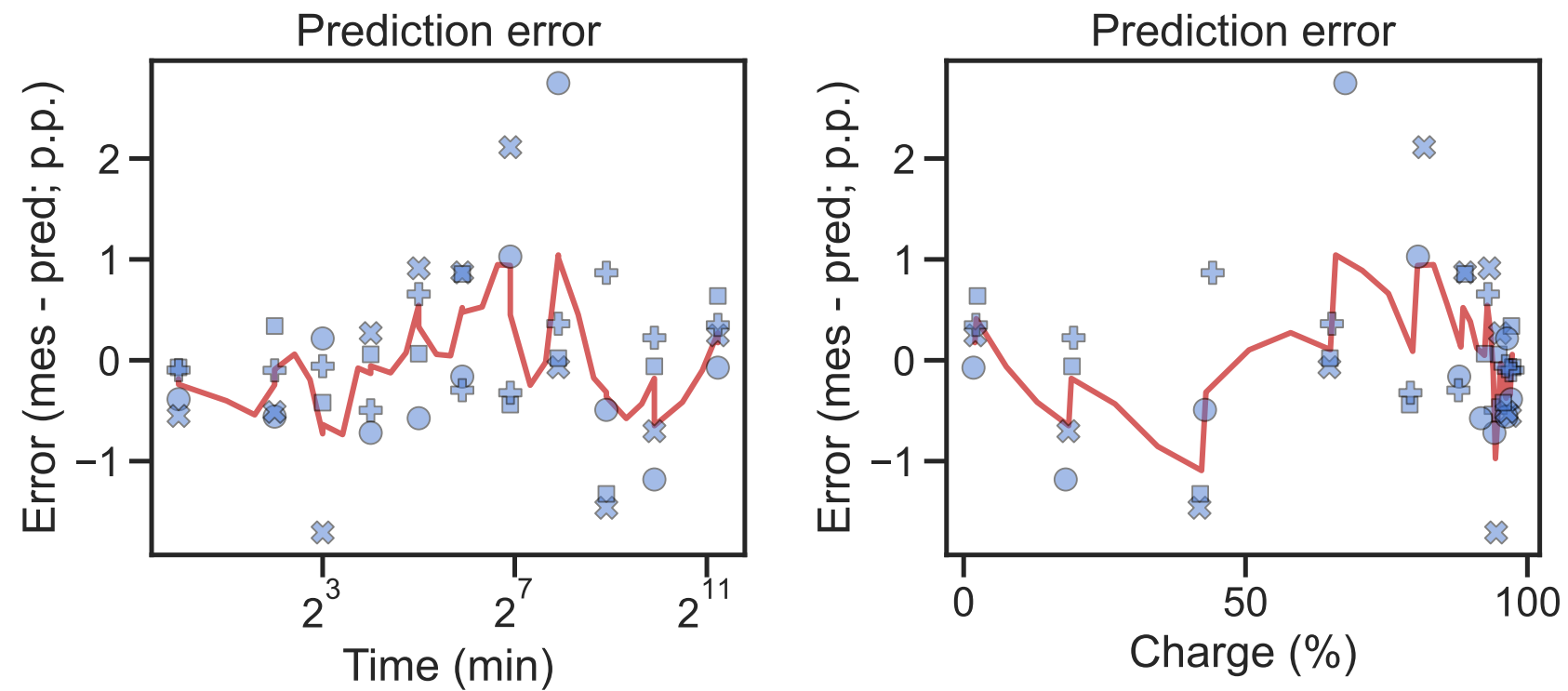
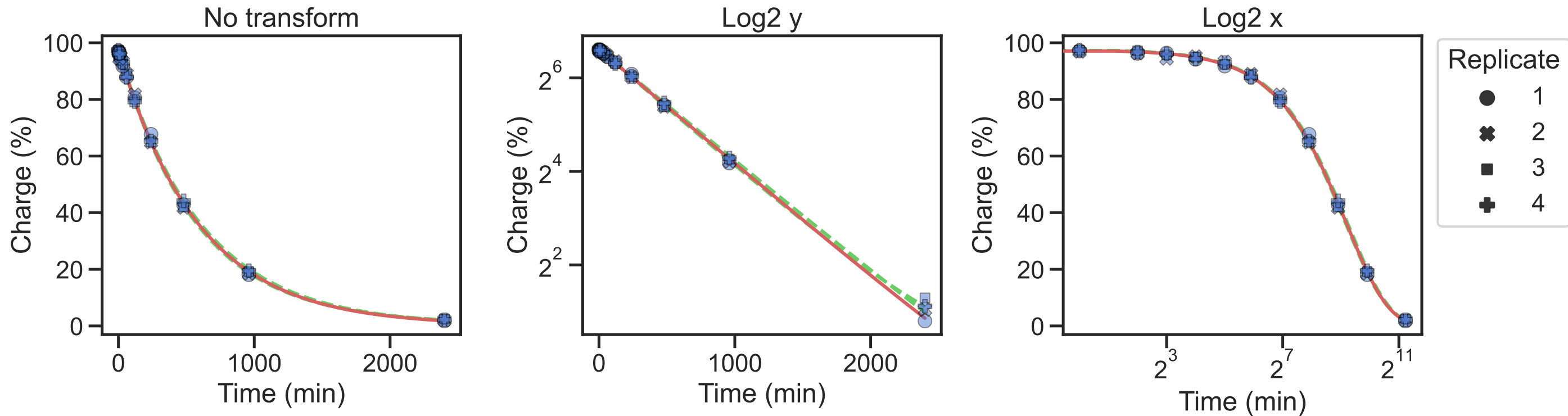
Ala-CGC-3-1 half-life=423min, 95% CI (409; 436)



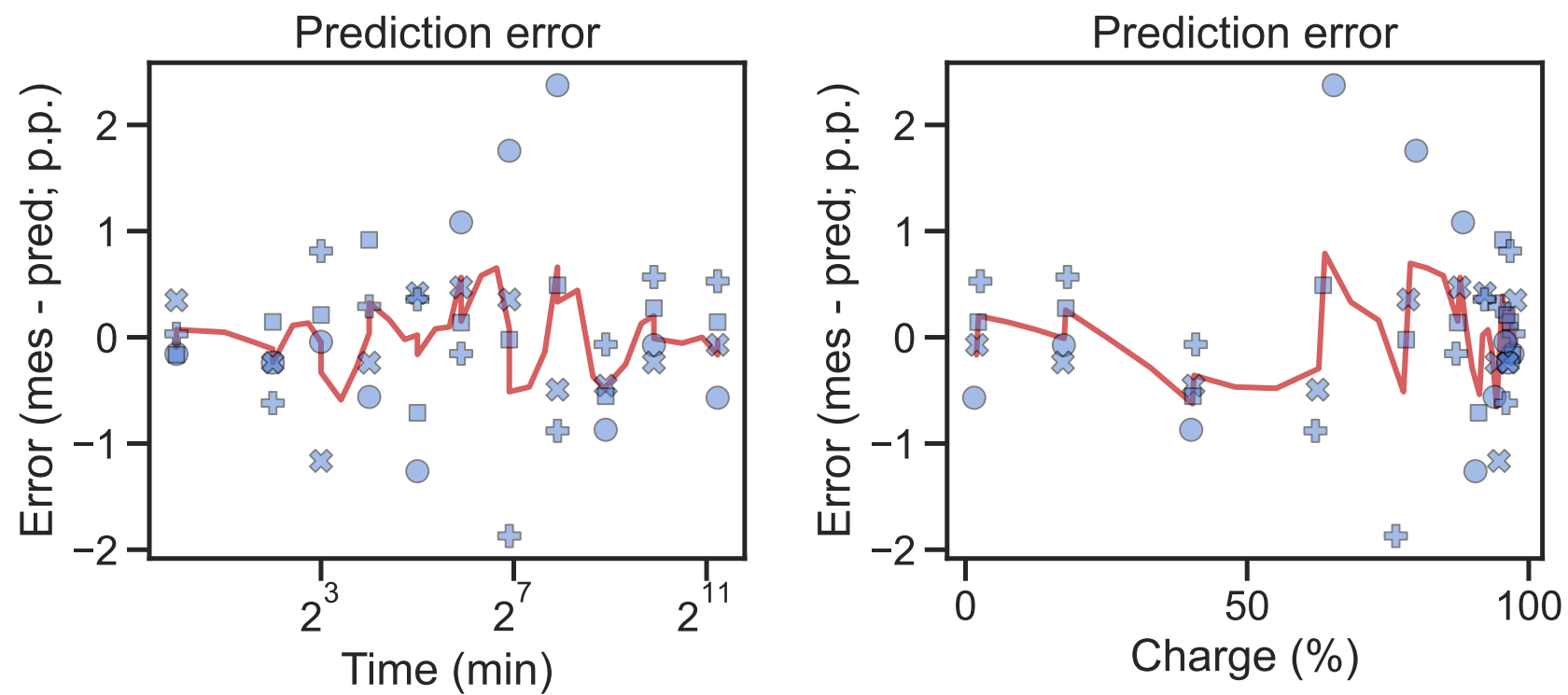
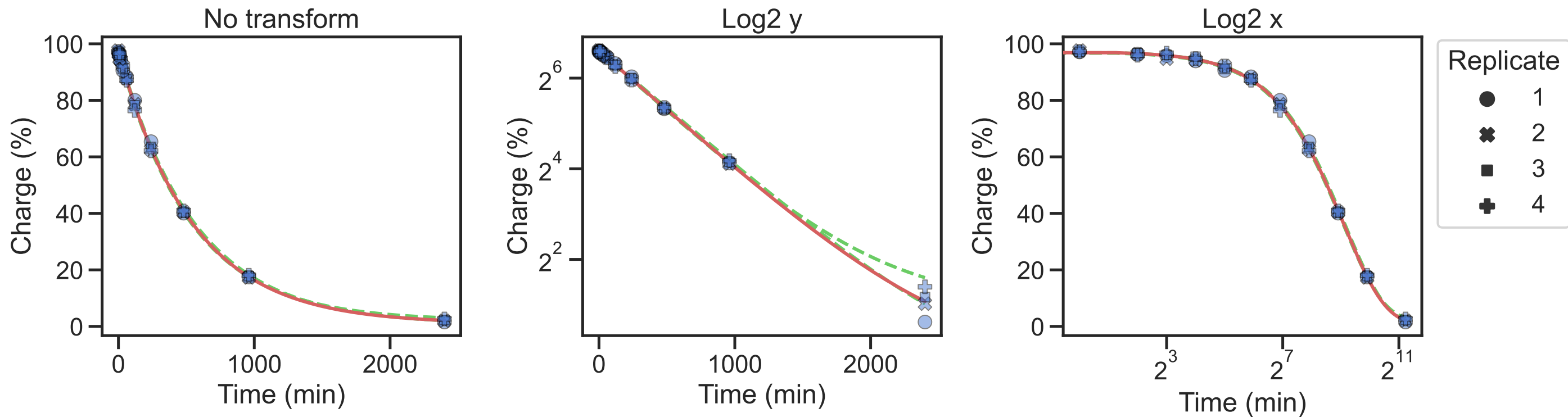




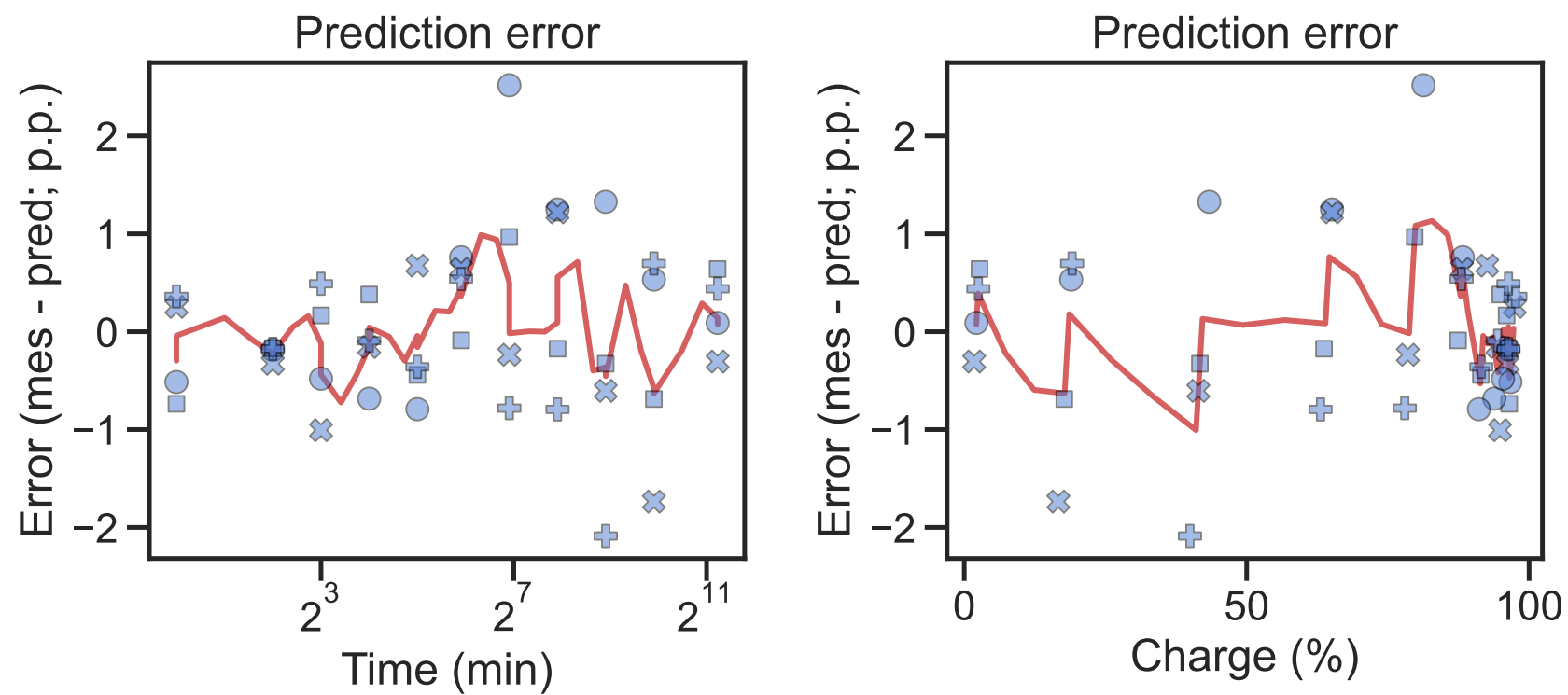
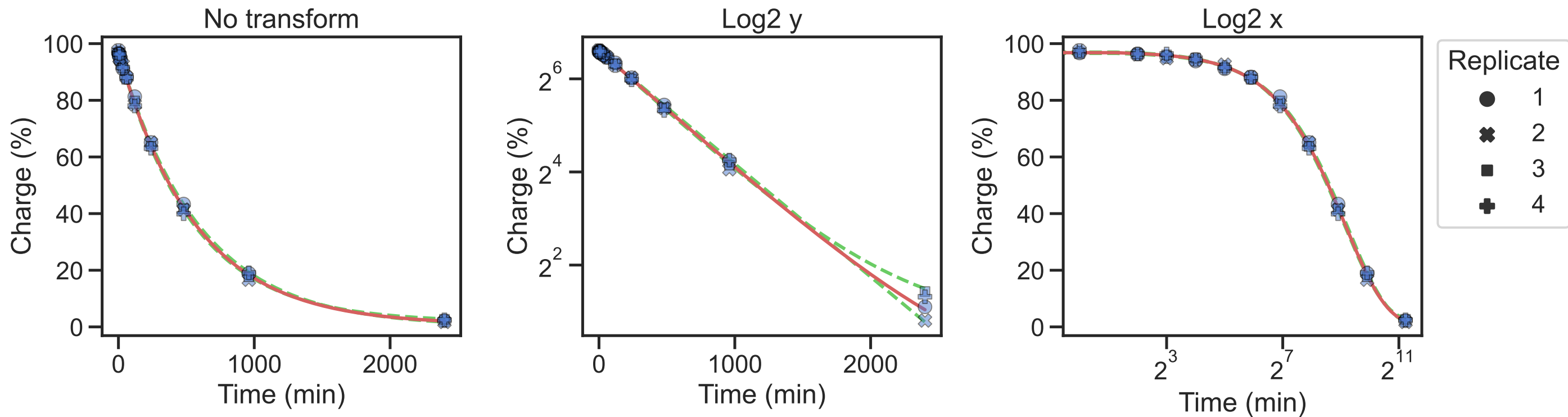
Ala-TGC-1-1 half-life=409min, 95% CI (396; 420)



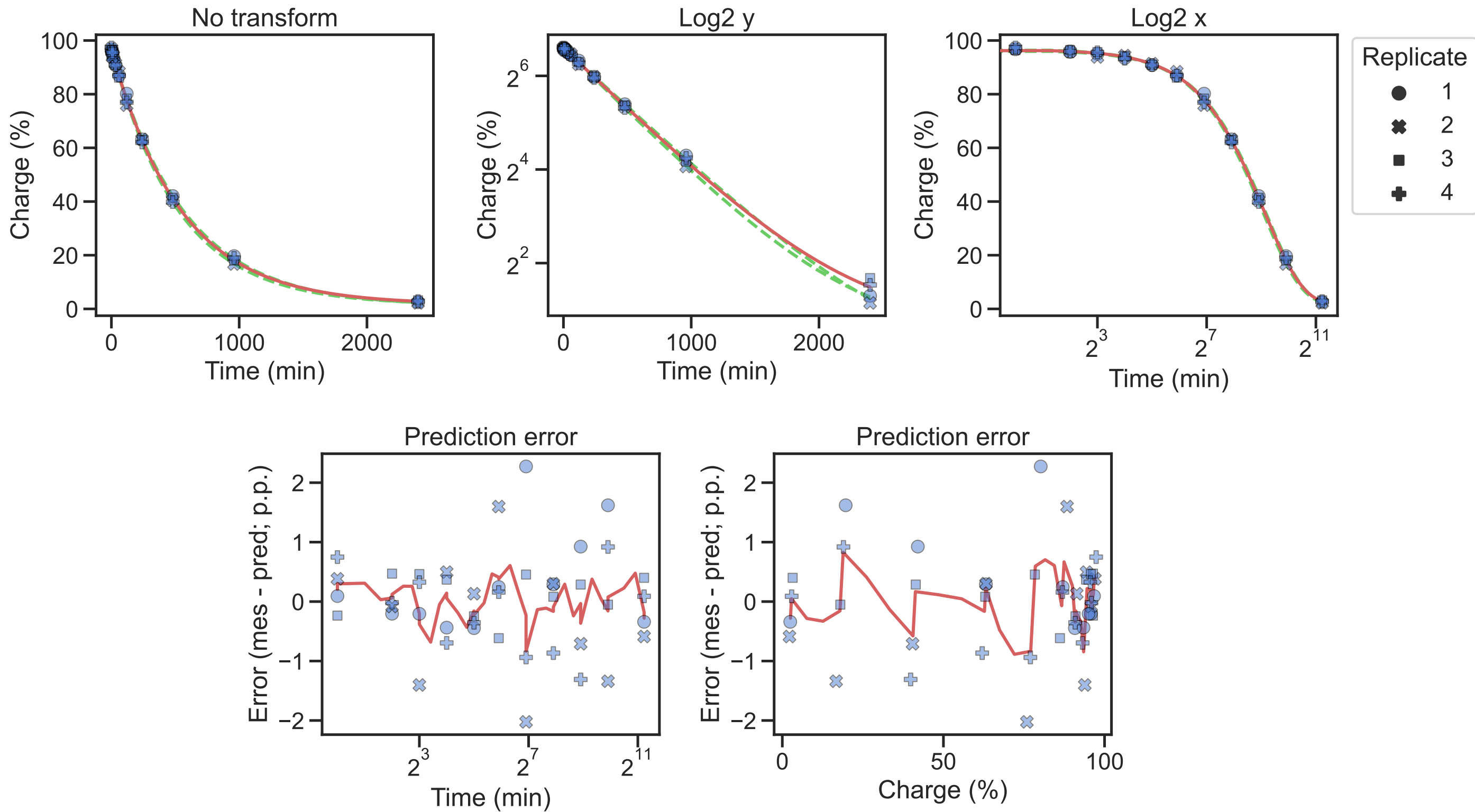
Ala-TGC-2-1 half-life=379min, 95% CI (367; 391)



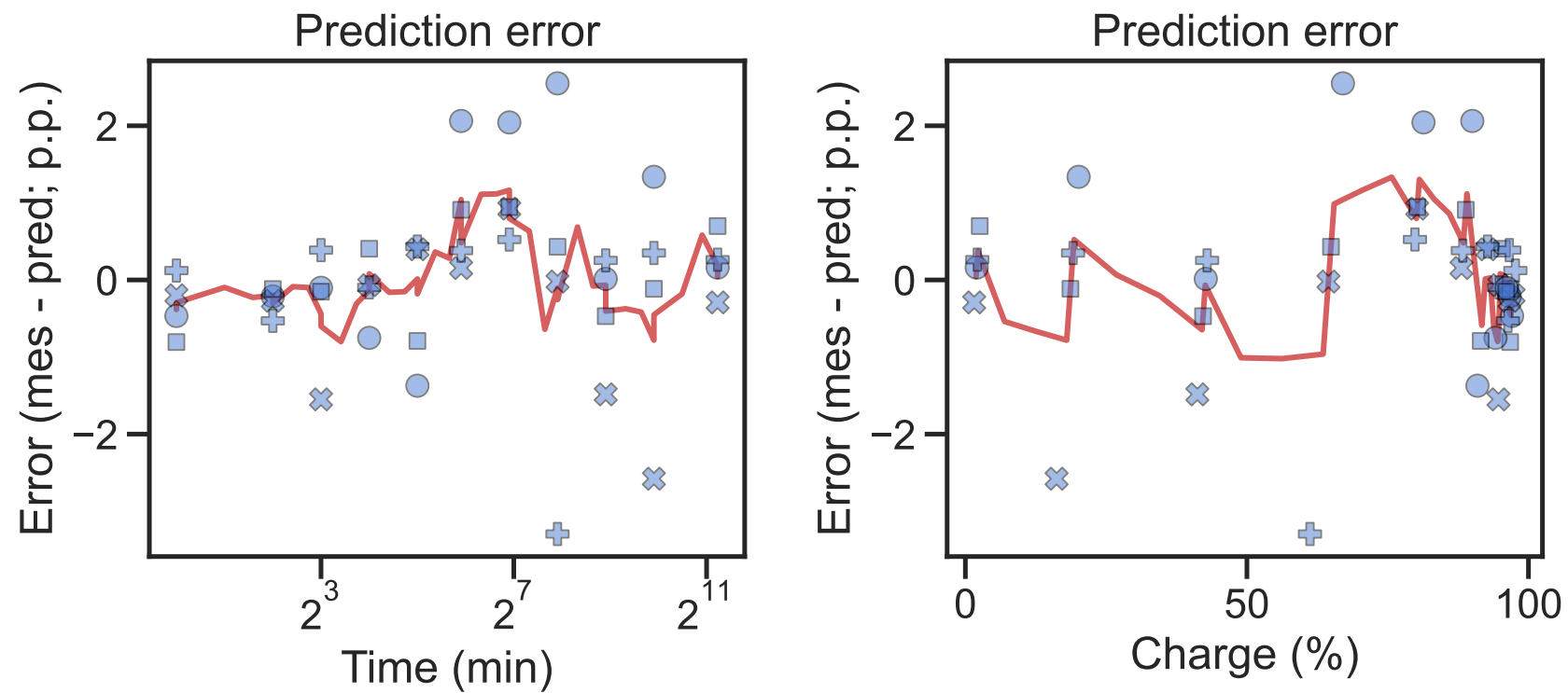
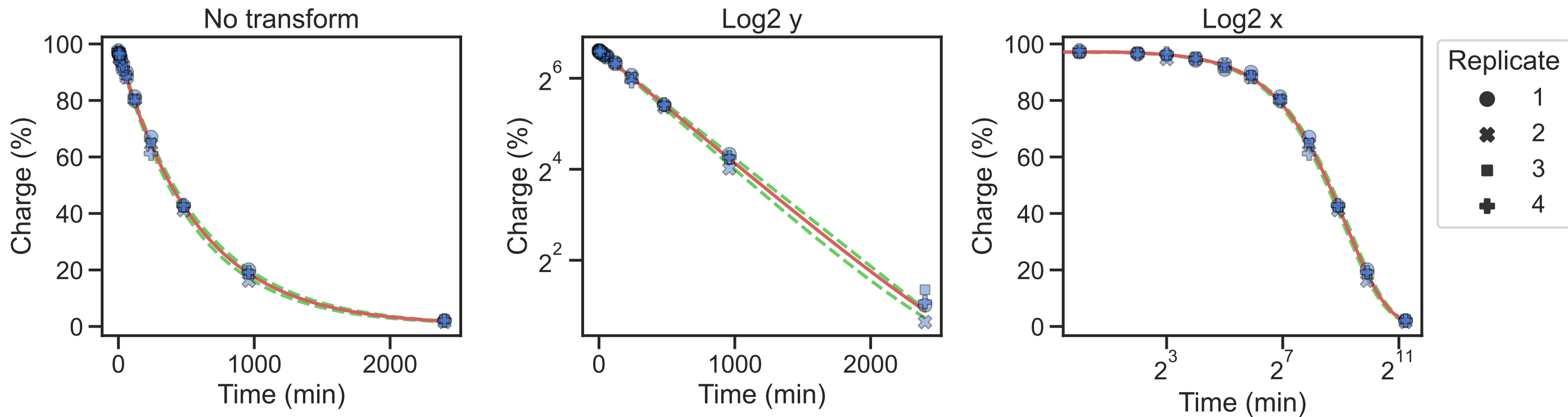
Ala-TGC-3-1 half-life=393min, 95% CI (377; 412)



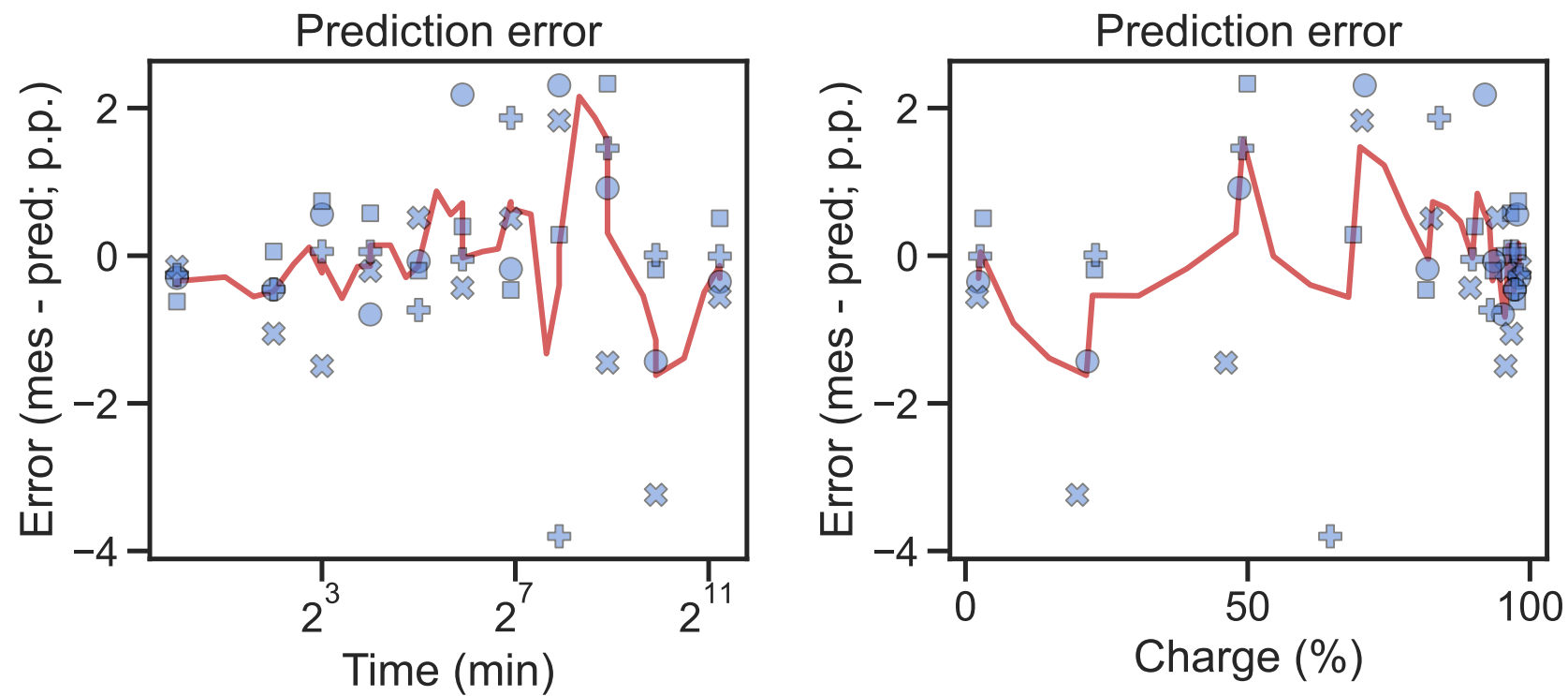
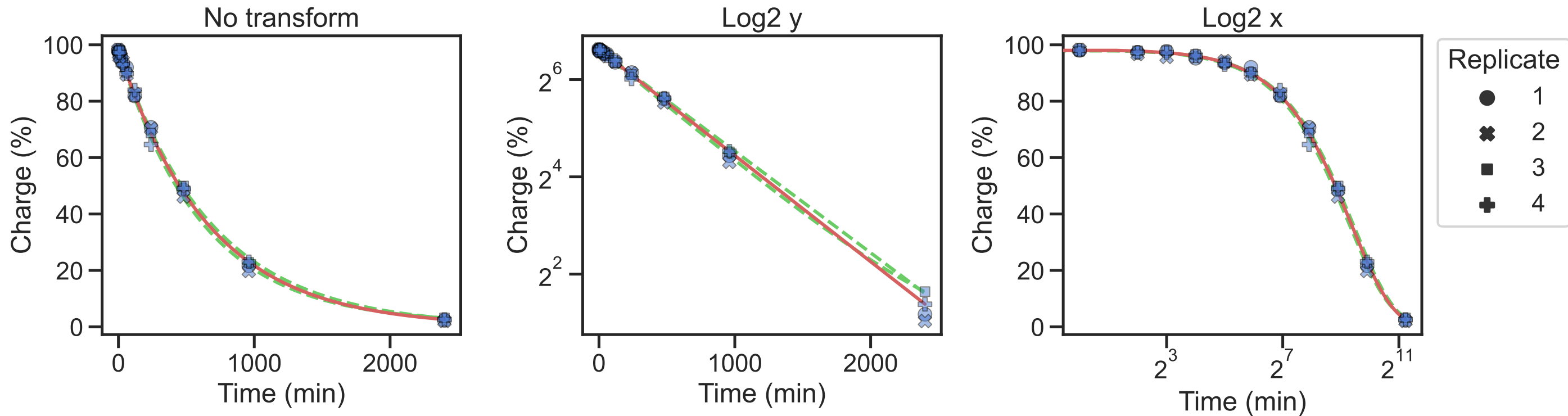
Ala-TGC-4-1 half-life=379min, 95% CI (365; 396)



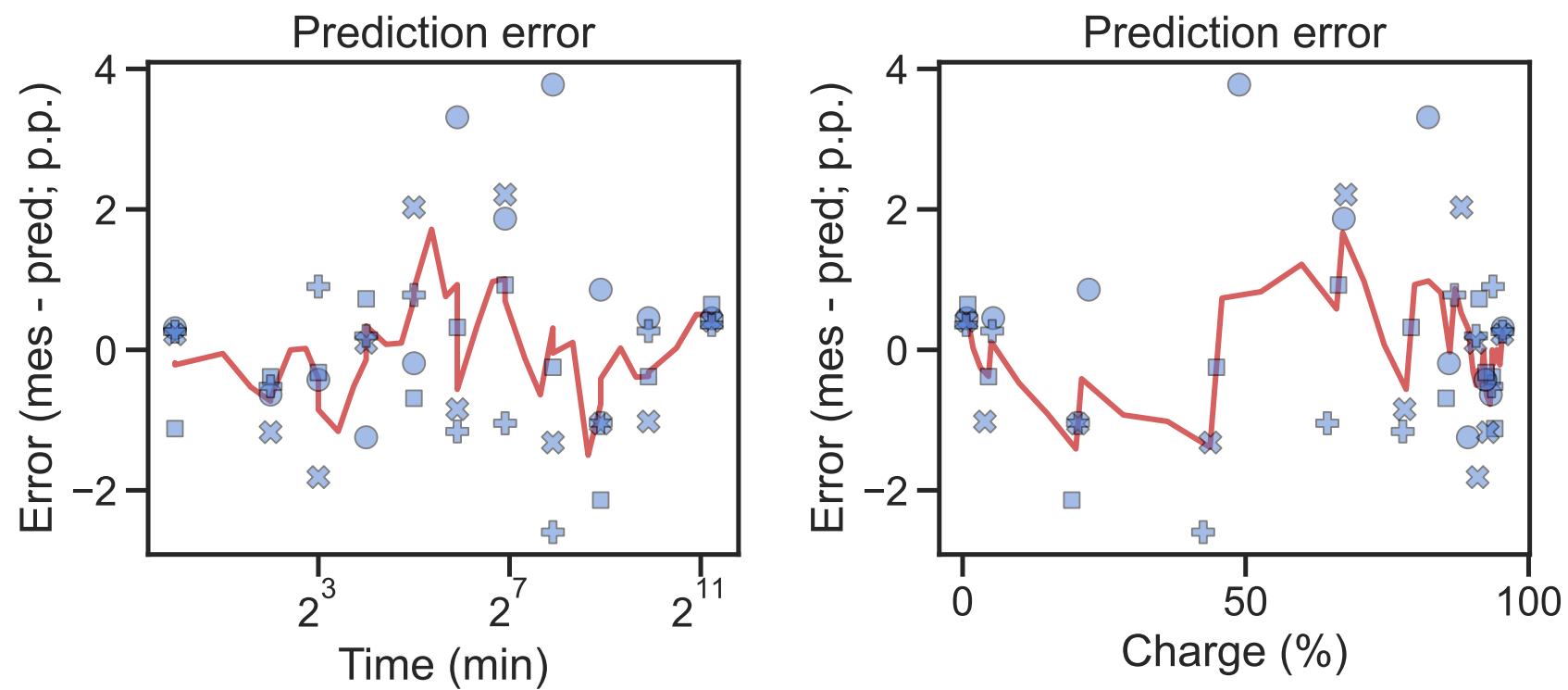
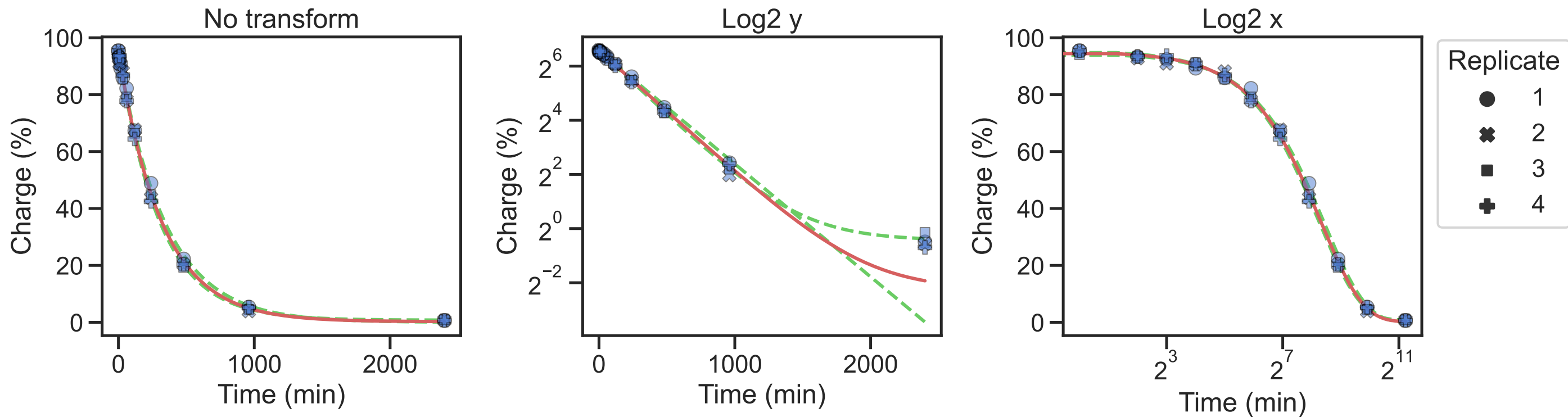
Ala-TGC-5-1 half-life=400min, 95% CI (377; 422)



Ala-TGC-6-1 half-life=458min, 95% CI (427; 479)

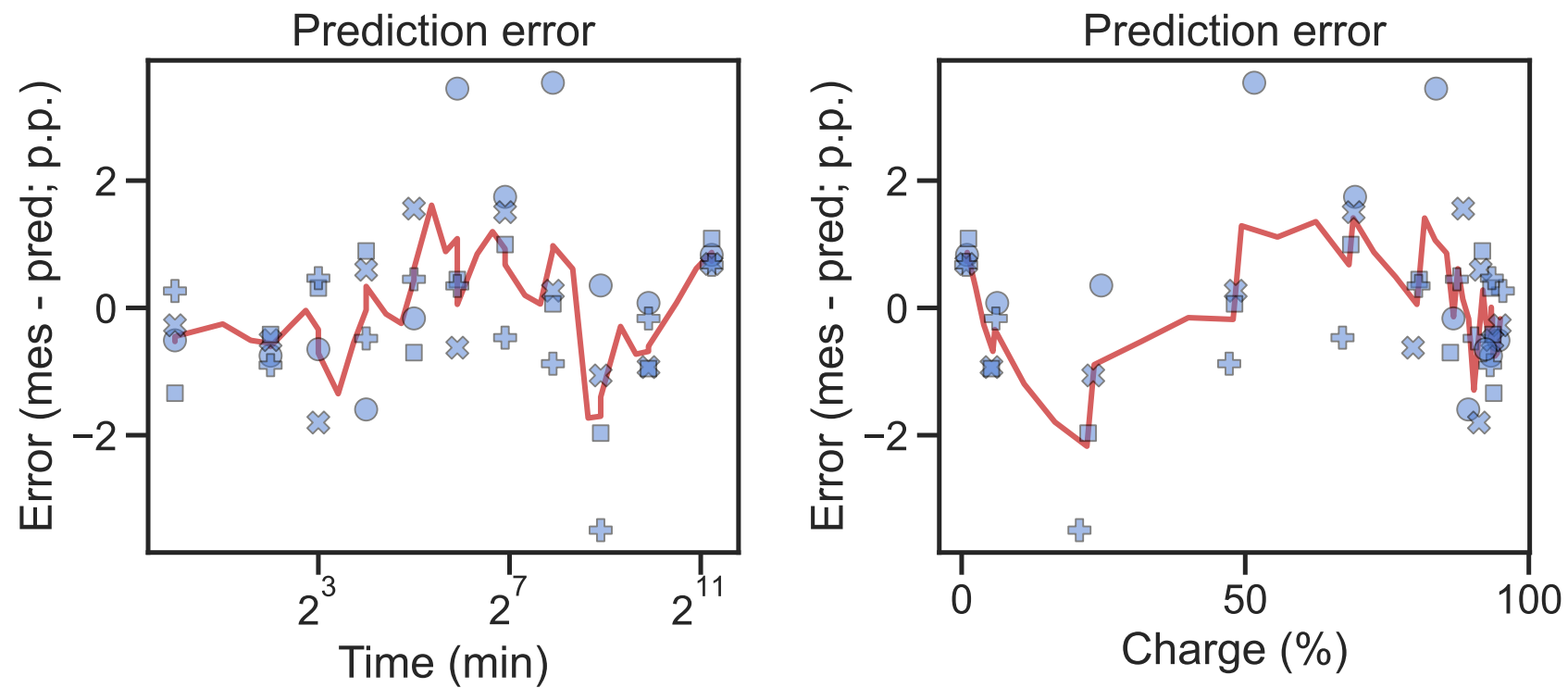
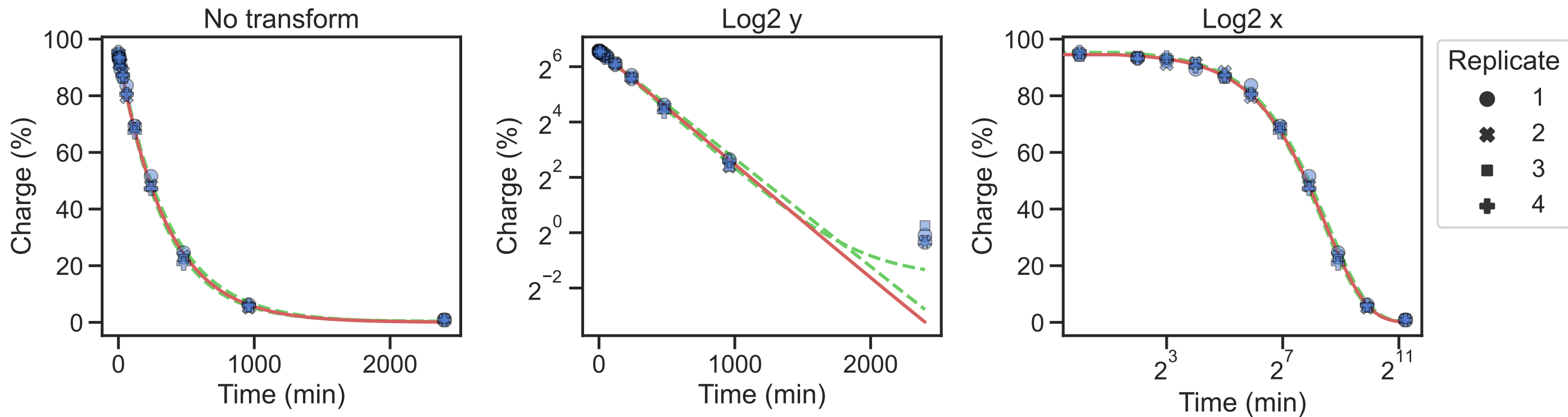


Arg-ACG-1-1 half-life=222 min, 95% CI (209; 240)

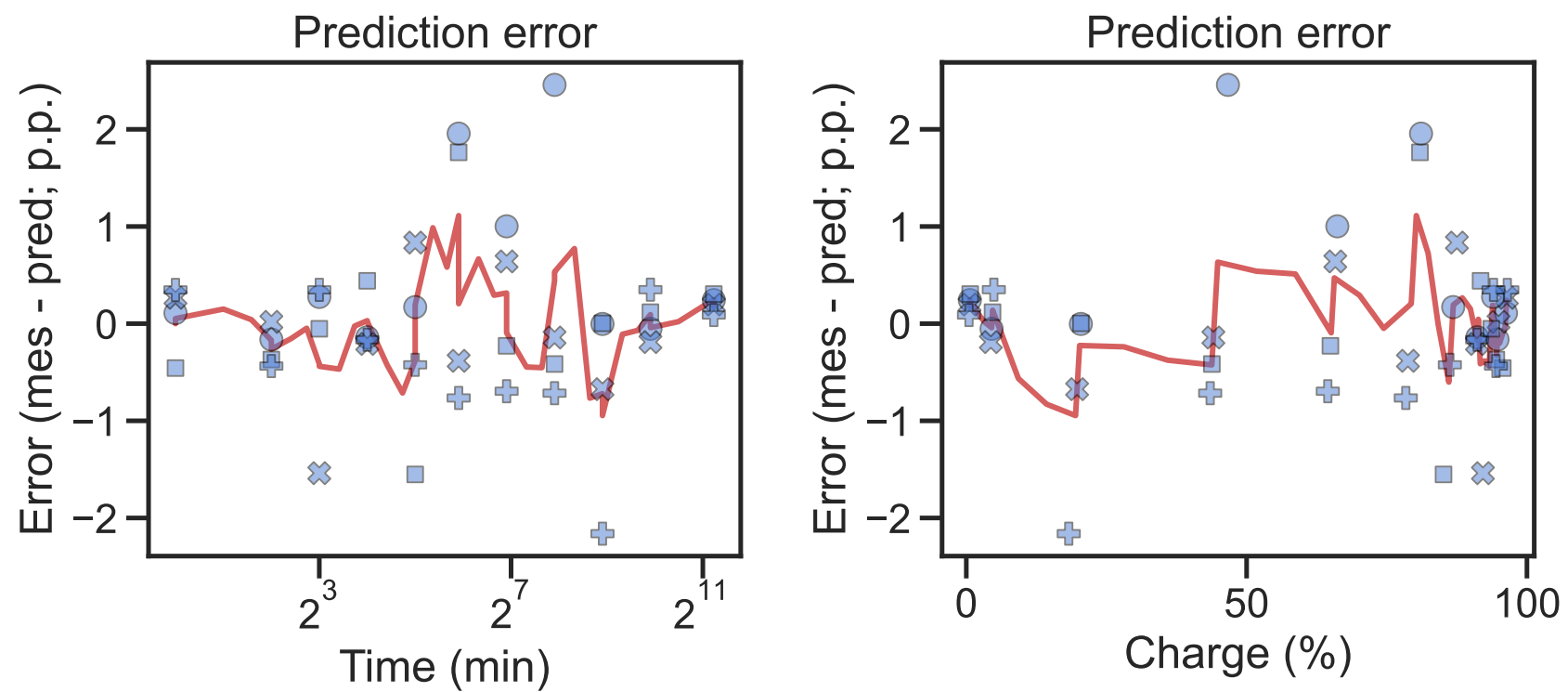
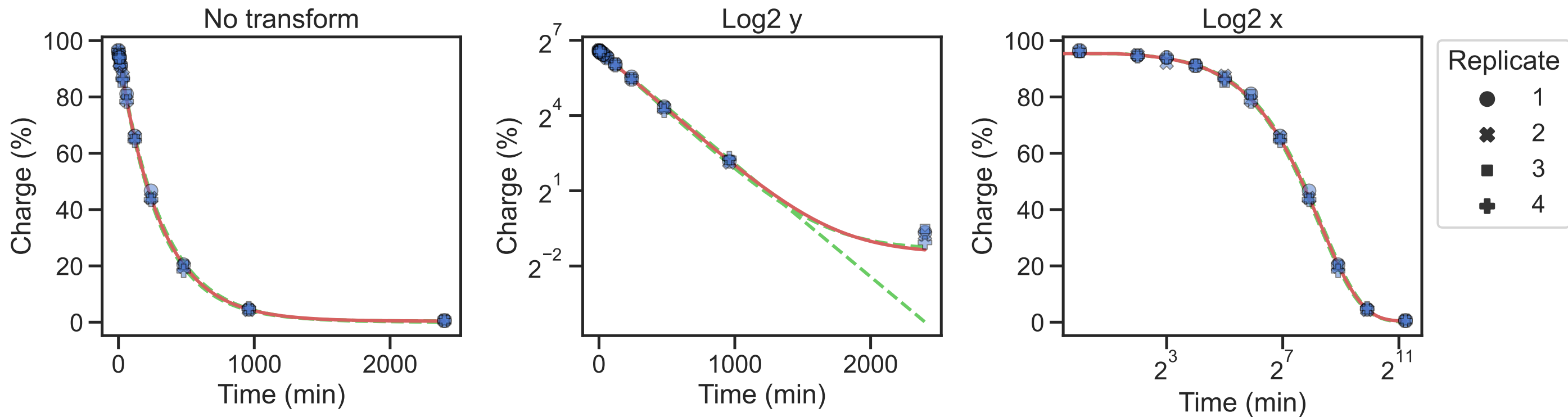




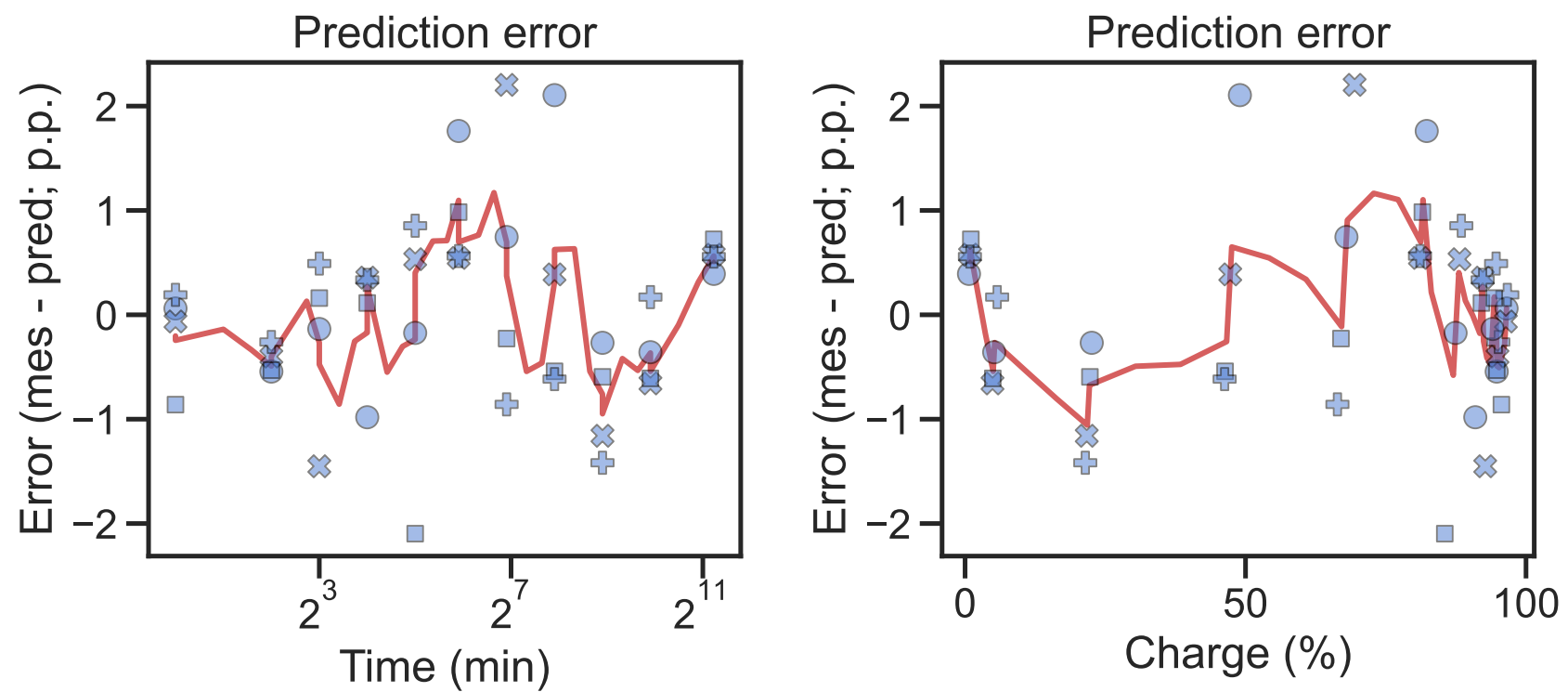
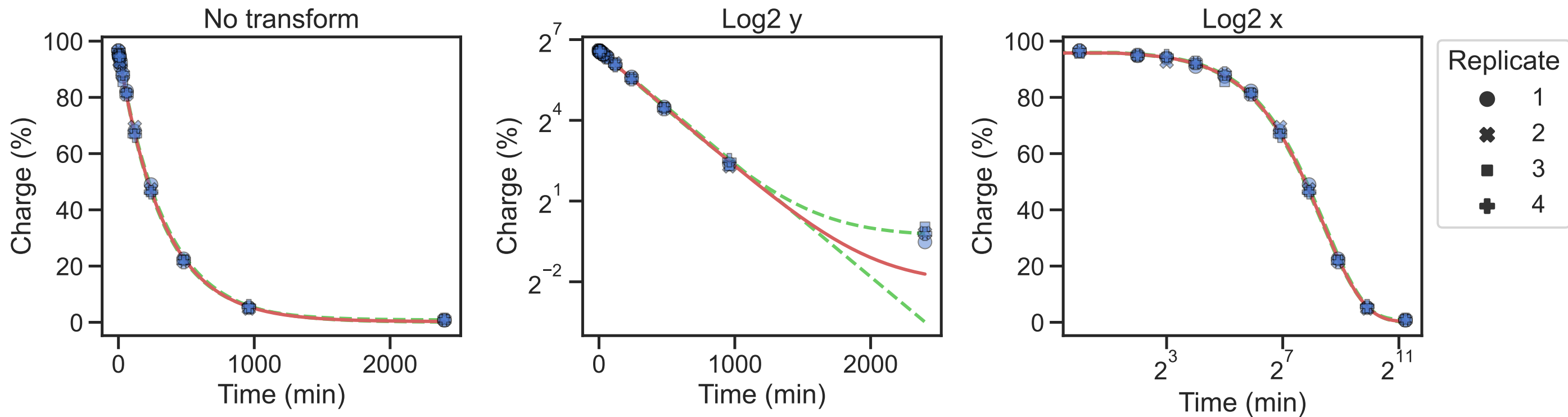
Arg-ACG-2-1 half-life=243 min, 95% CI (230; 257)



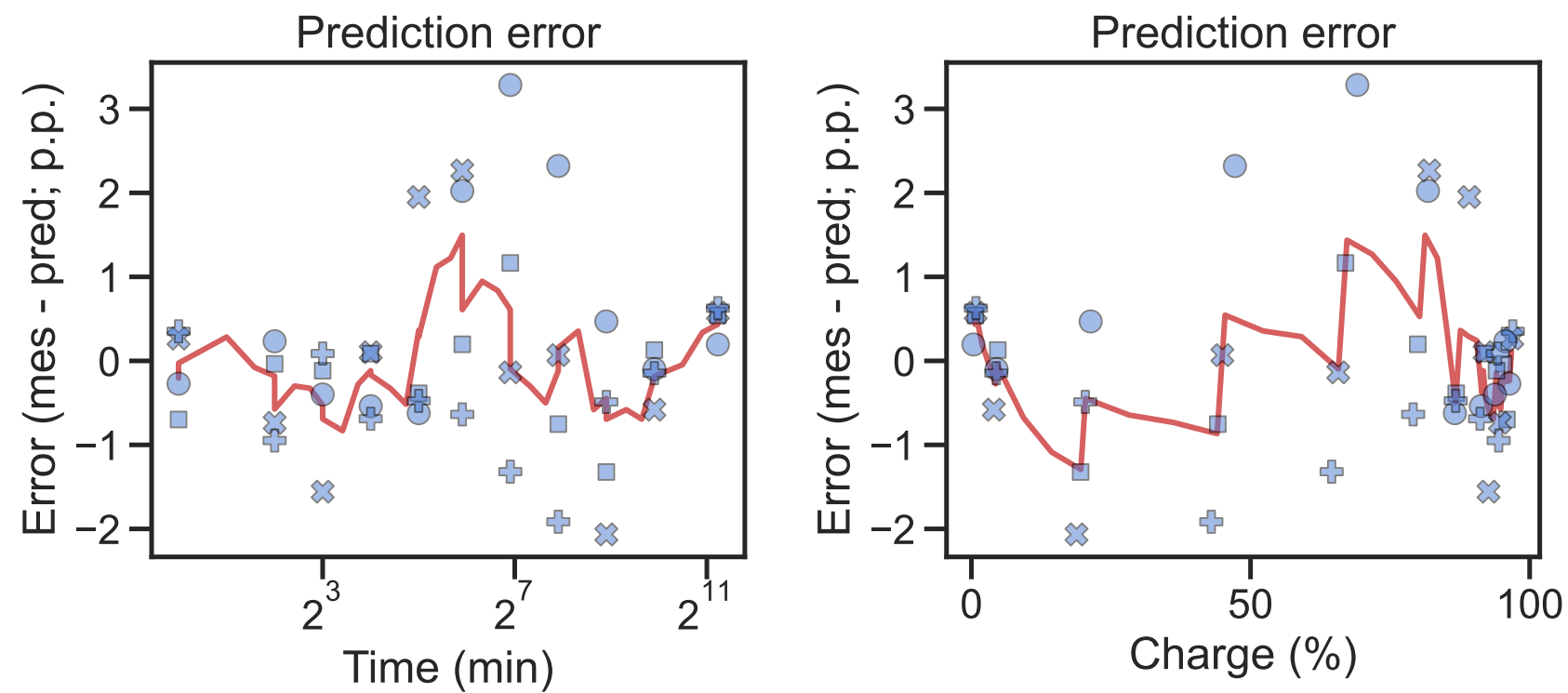
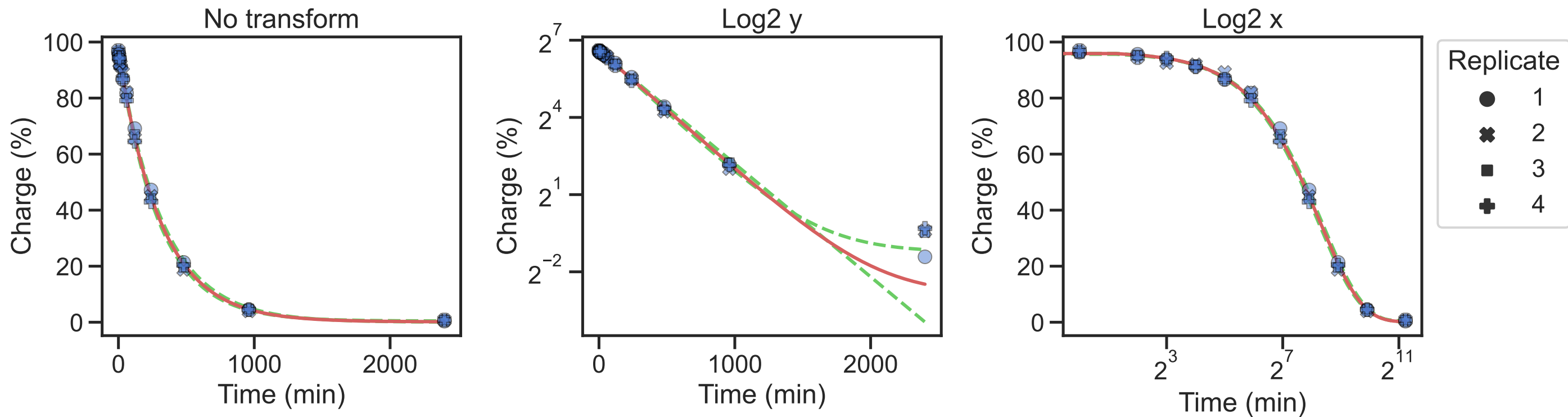
Arg-CCG-1-1 half-life=213 min, 95% CI (206; 222)



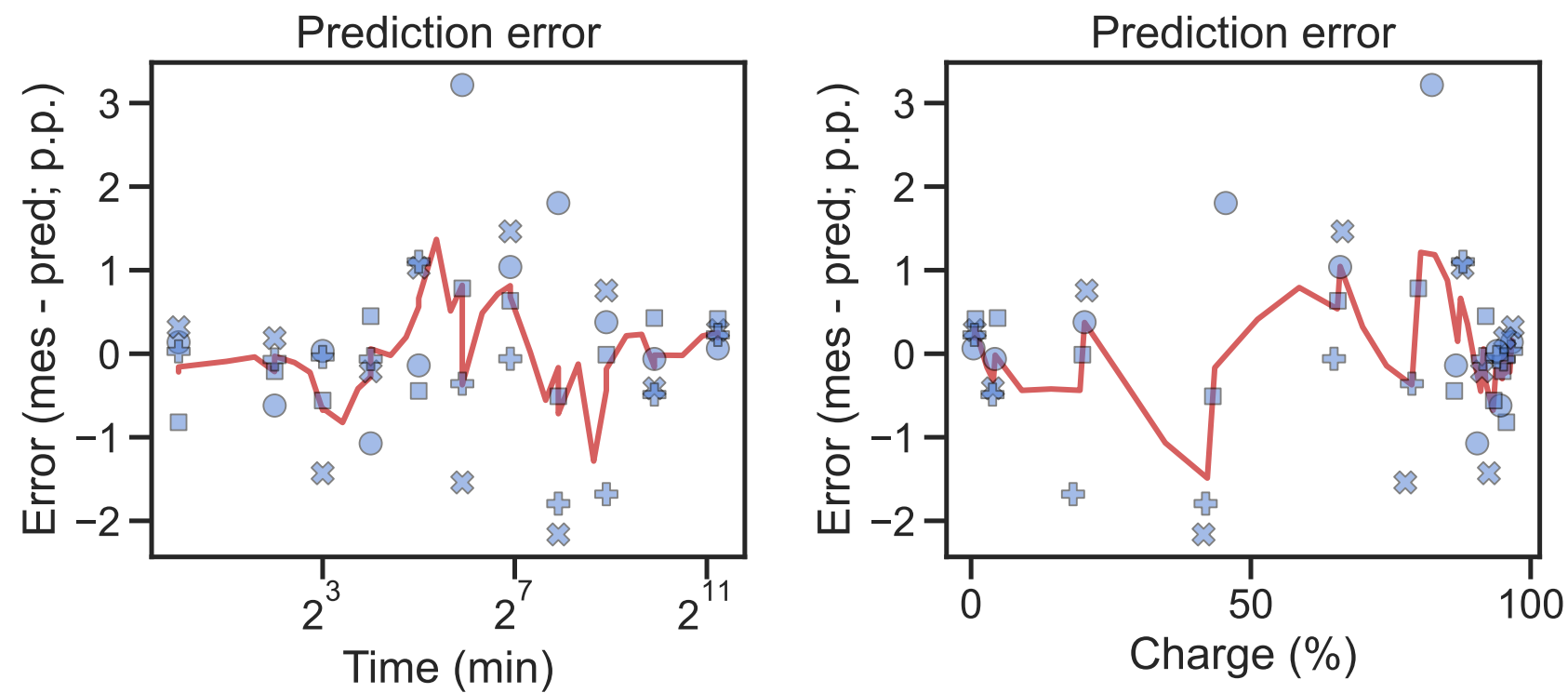
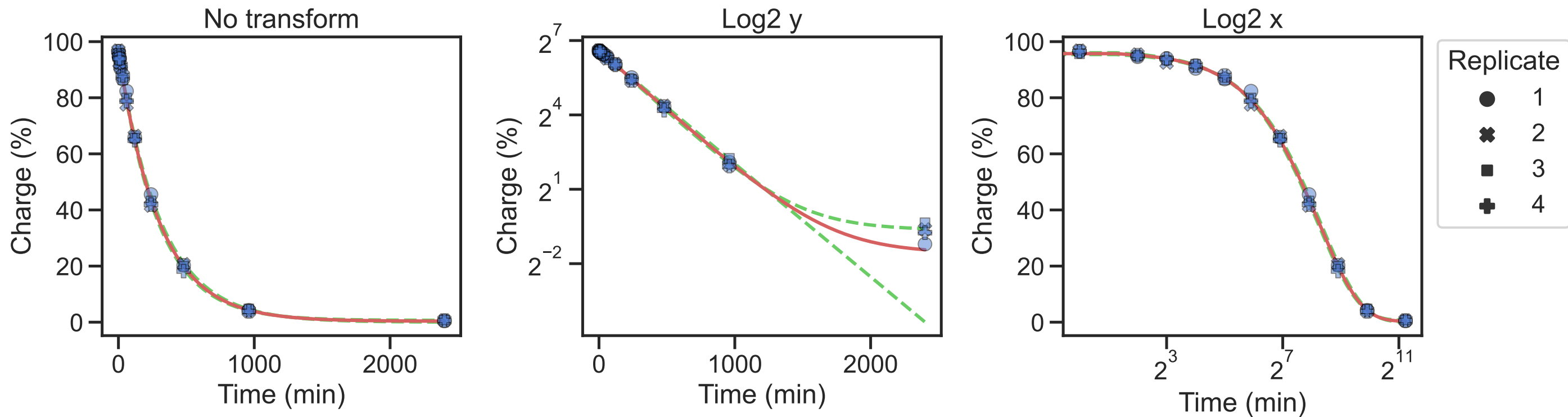
Arg-CCG-2-1 half-life=230 min, 95% CI (223; 238)



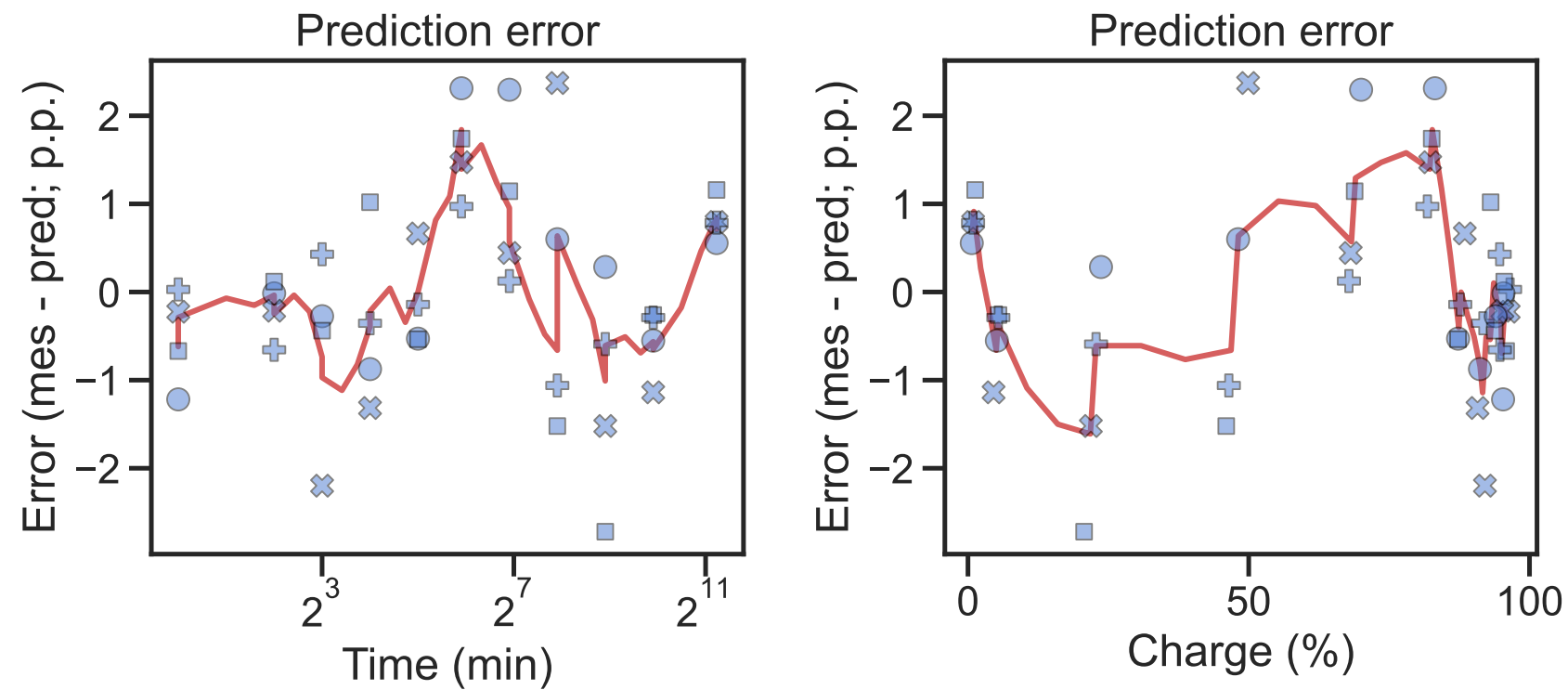
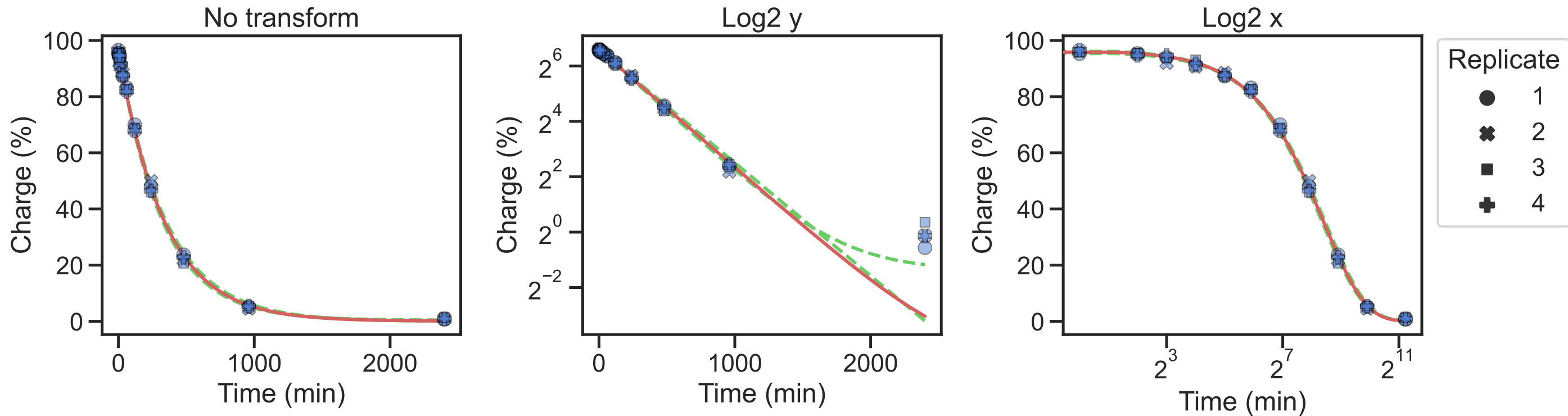
Arg-CCT-1-1 half-life=217 min, 95% CI (207; 228)



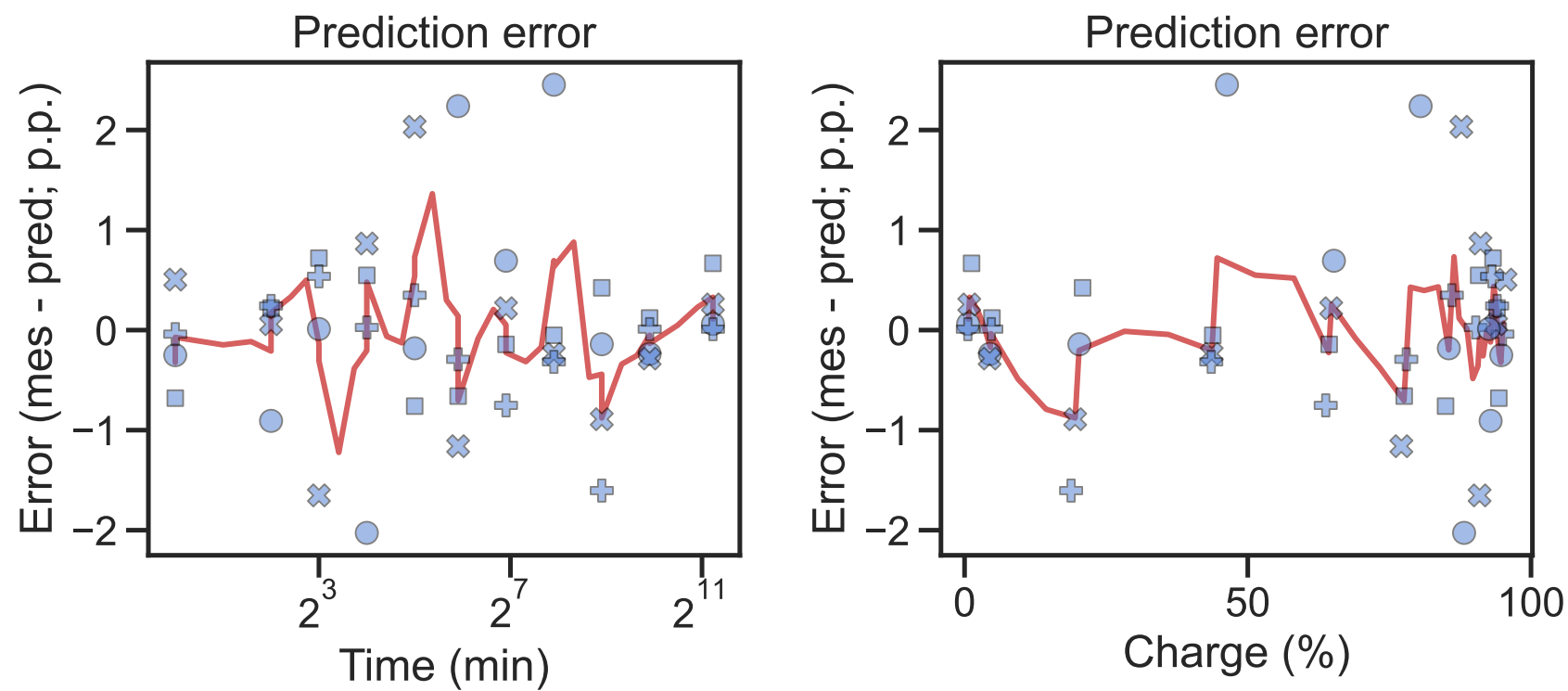
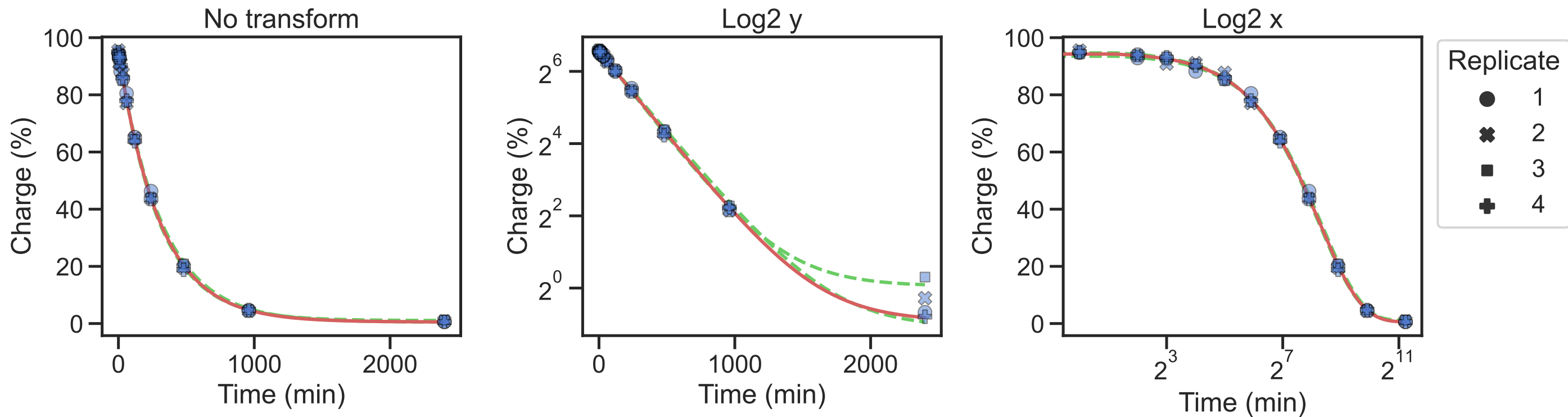
Arg-CCT-2-1 half-life=209min, 95% CI (201; 219)



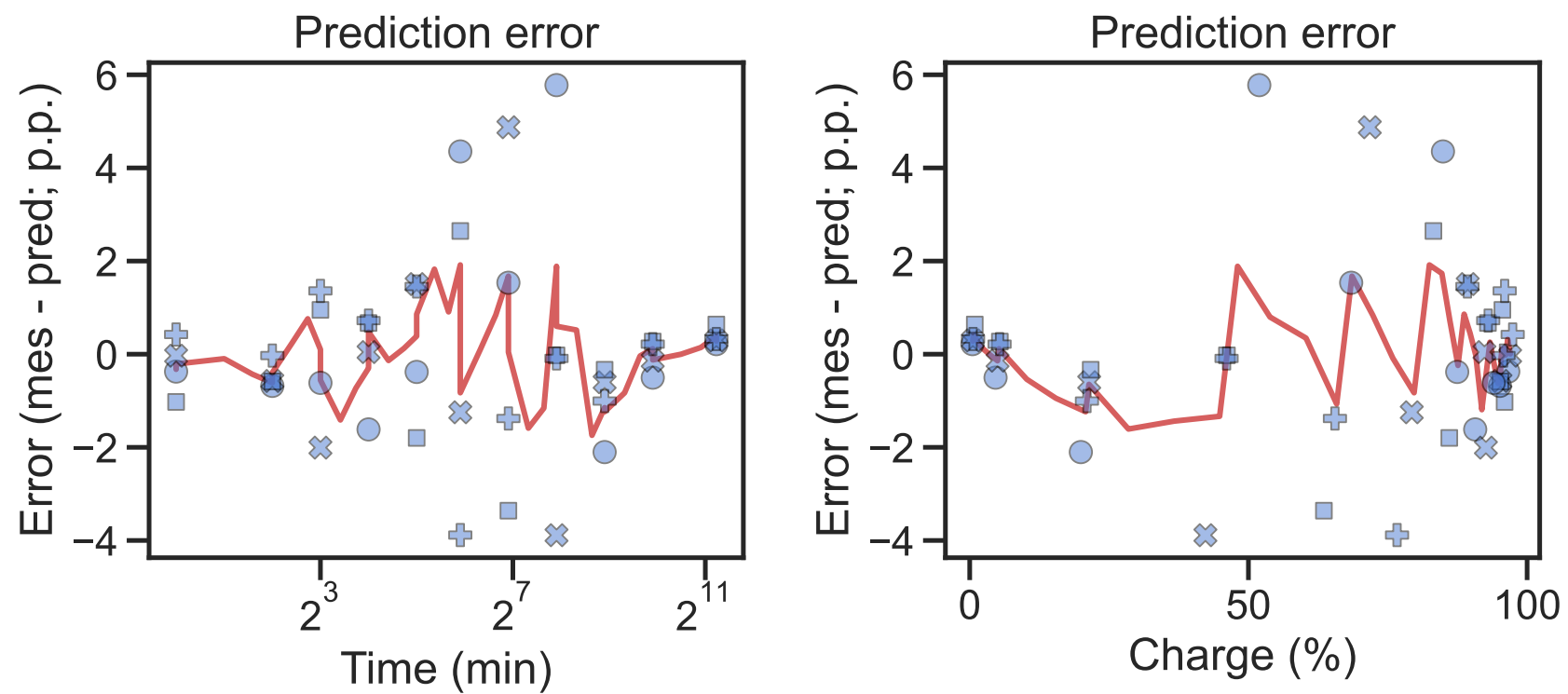
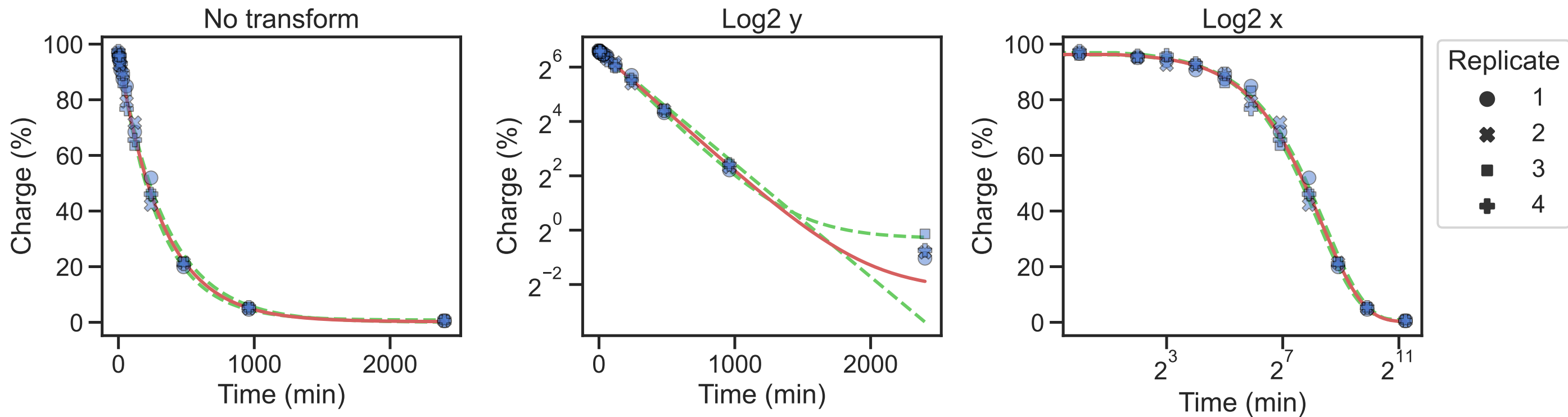
Arg-CCT-3-1 half-life=235min, 95% CI (224; 245)



Arg-CCT-4-1 half-life=213min, 95% CI (206; 223)

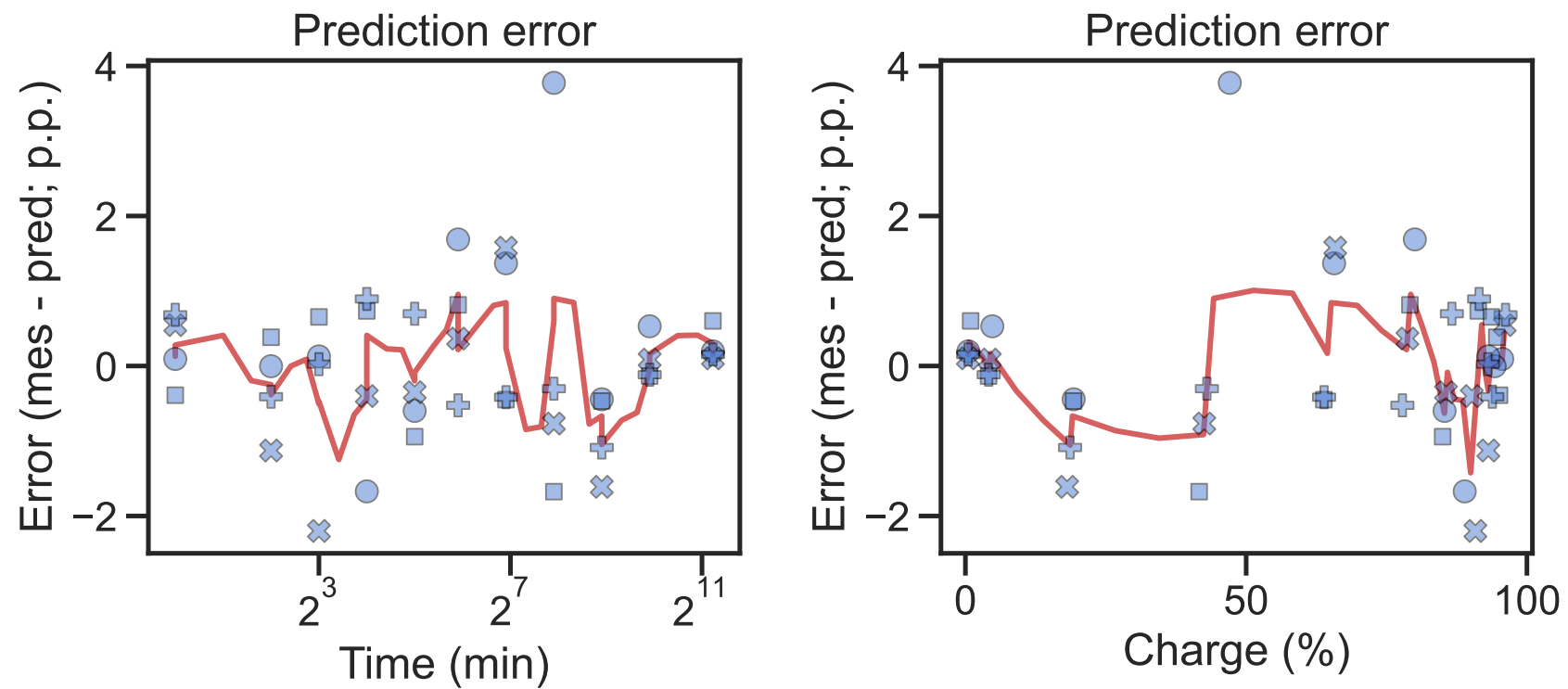
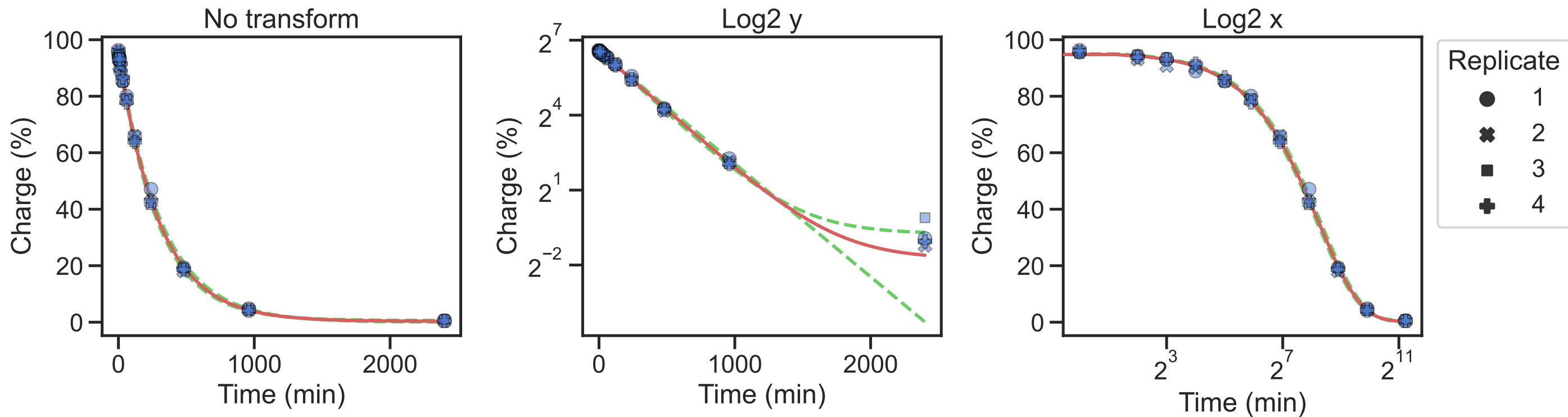


Arg-TCG-1-1 half-life=223 min, 95% CI (204; 241)

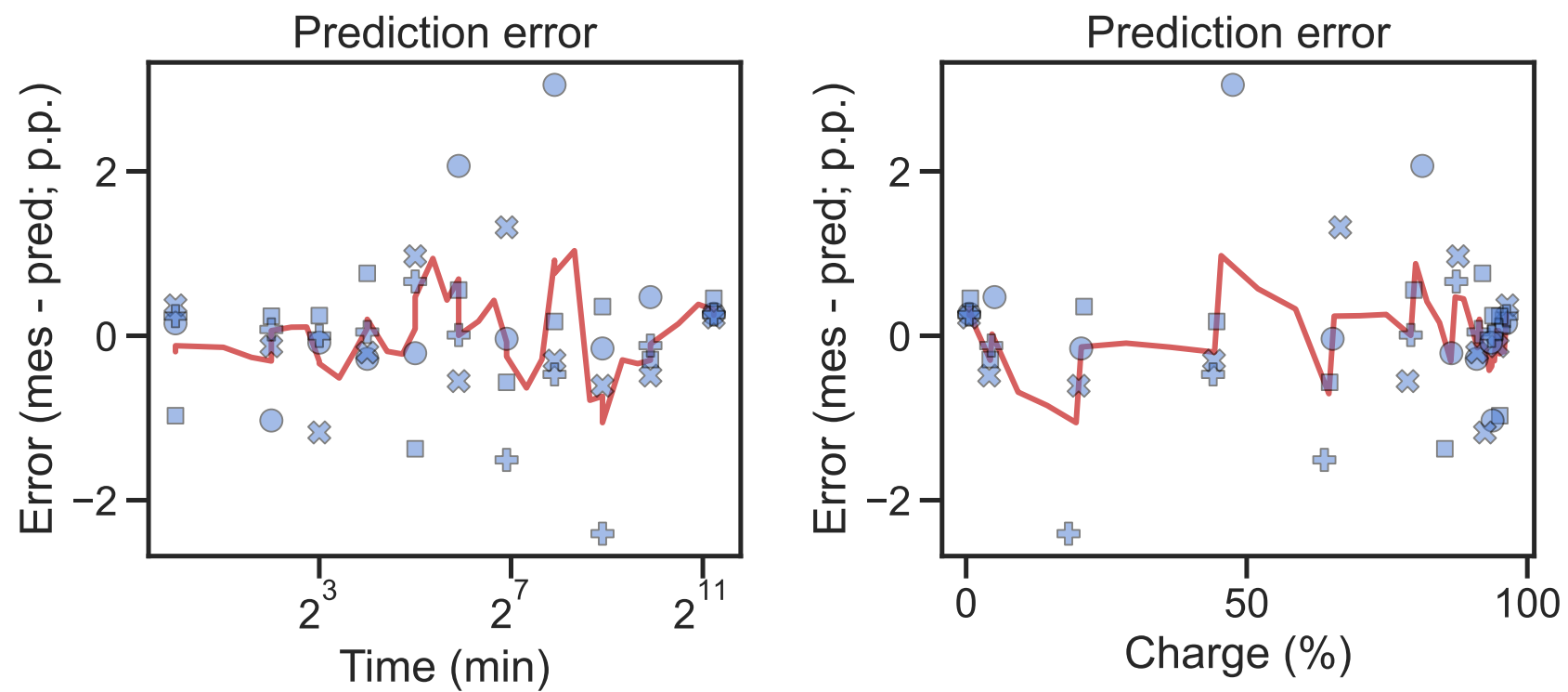
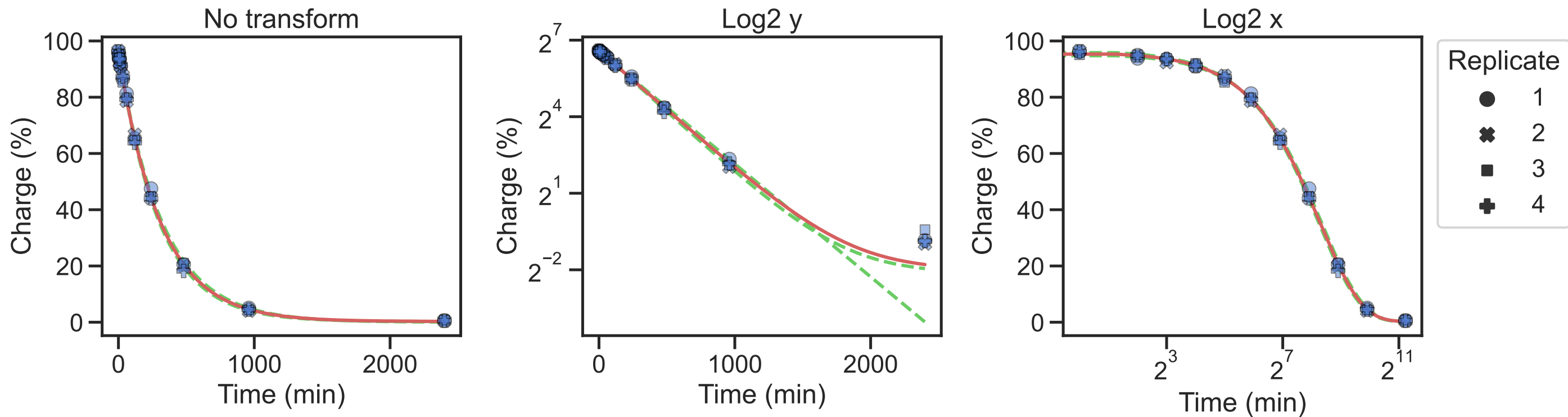




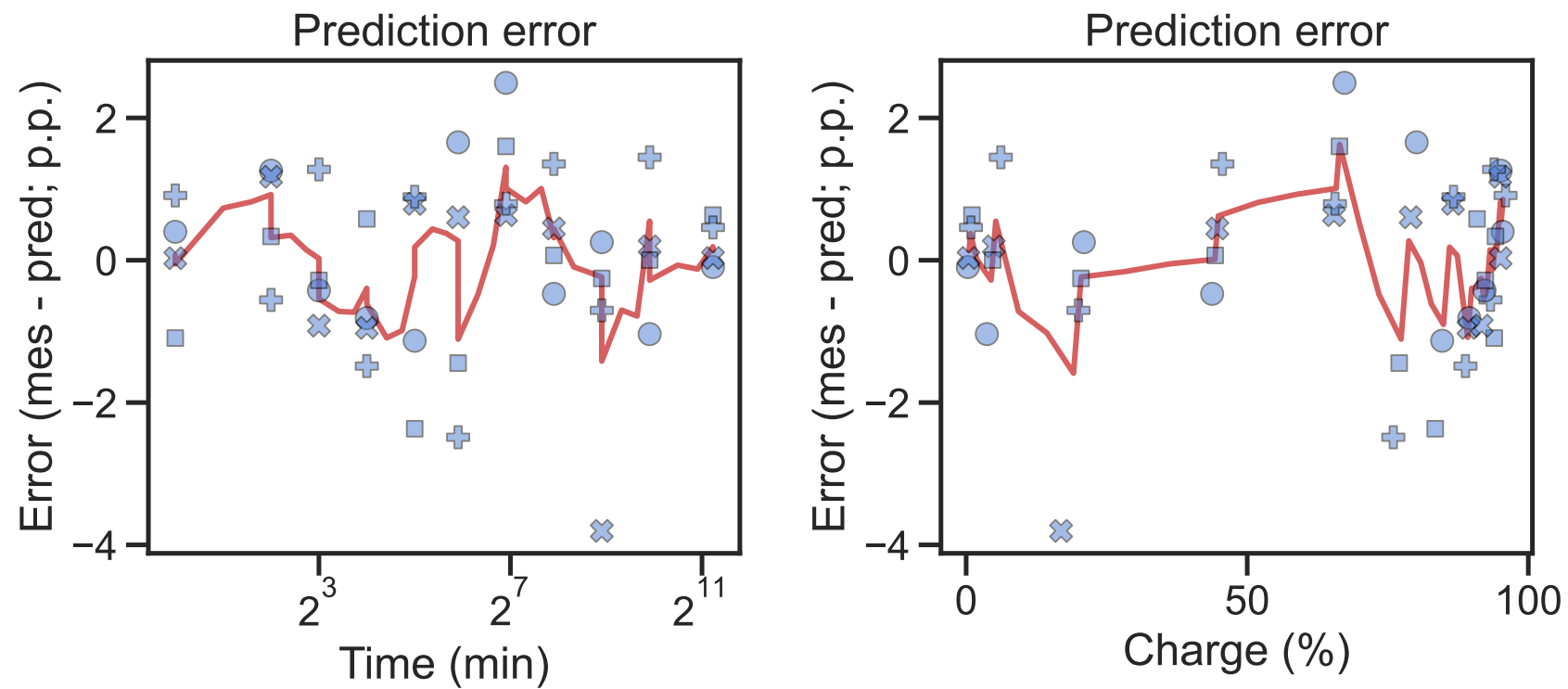
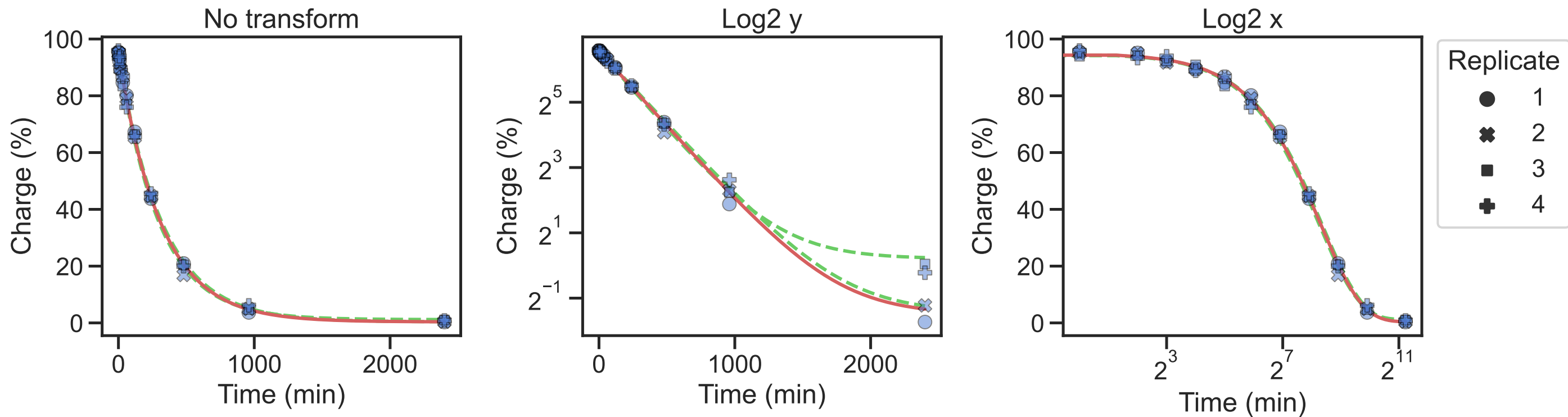
Arg-TCG-2-1 half-life=209 min, 95% CI (199; 221)



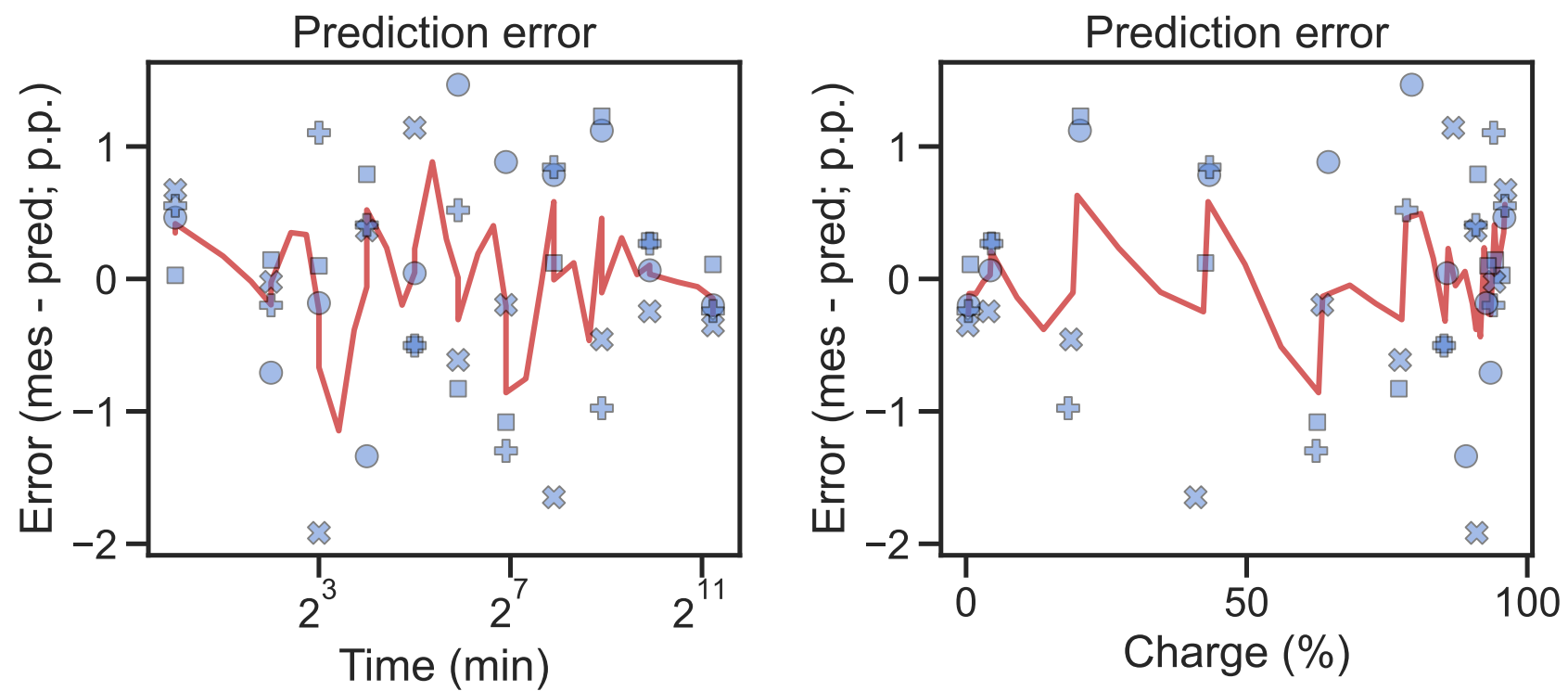
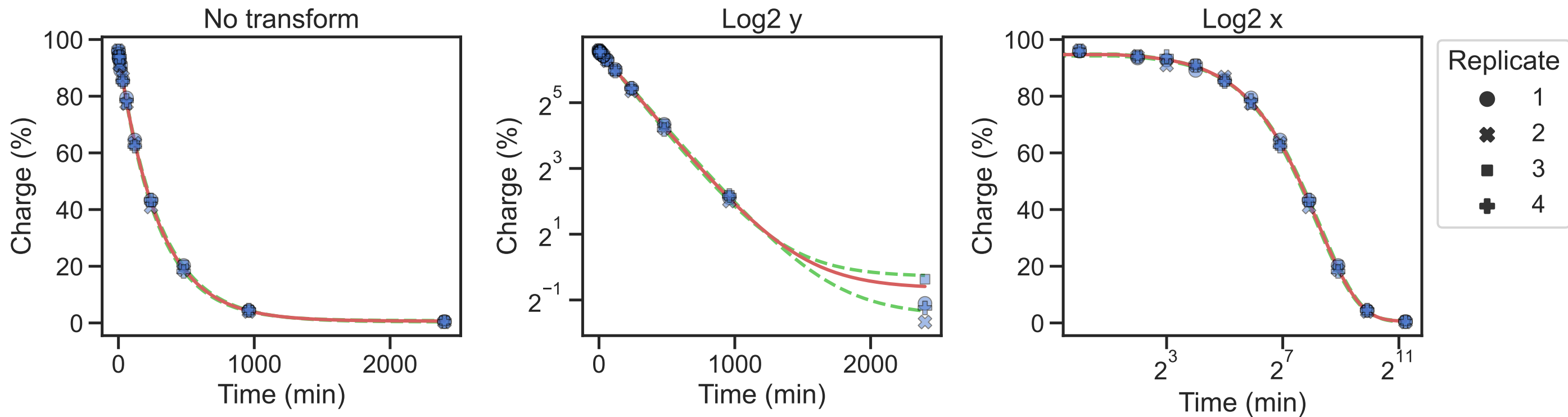
Arg-TCG-3-1 half-life=215 min, 95% CI (208; 226)



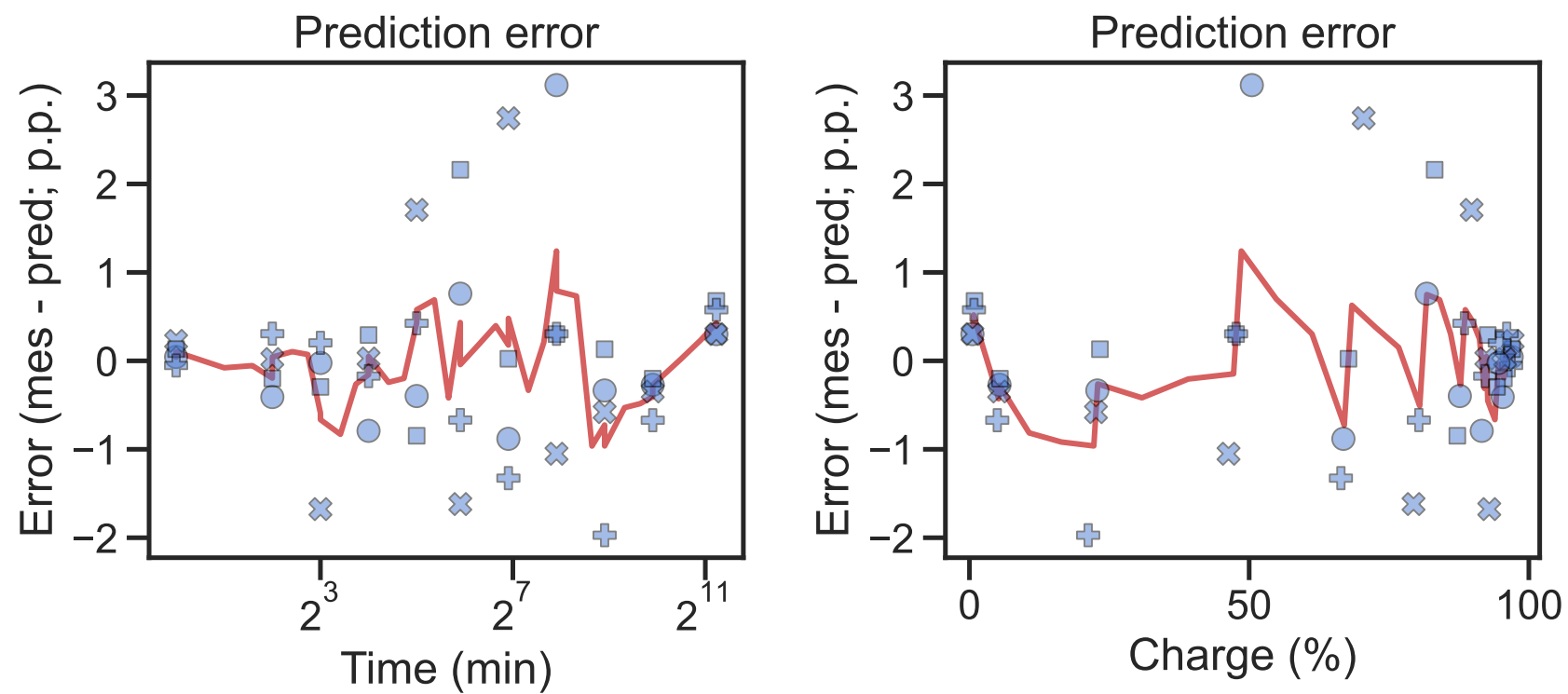
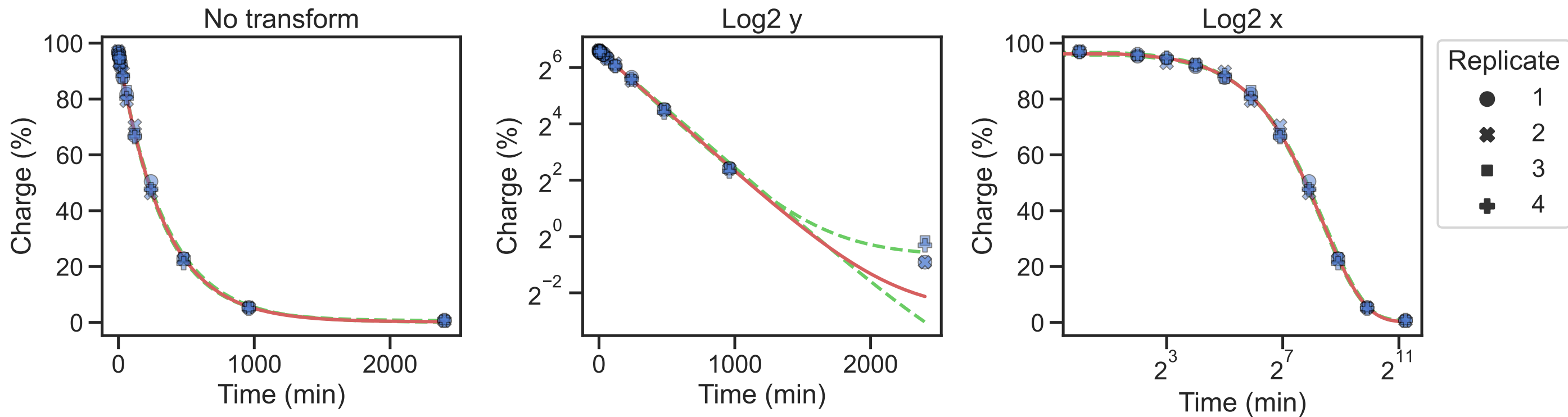
Arg-TCG-4-1 half-life=216 min, 95% CI (206; 224)



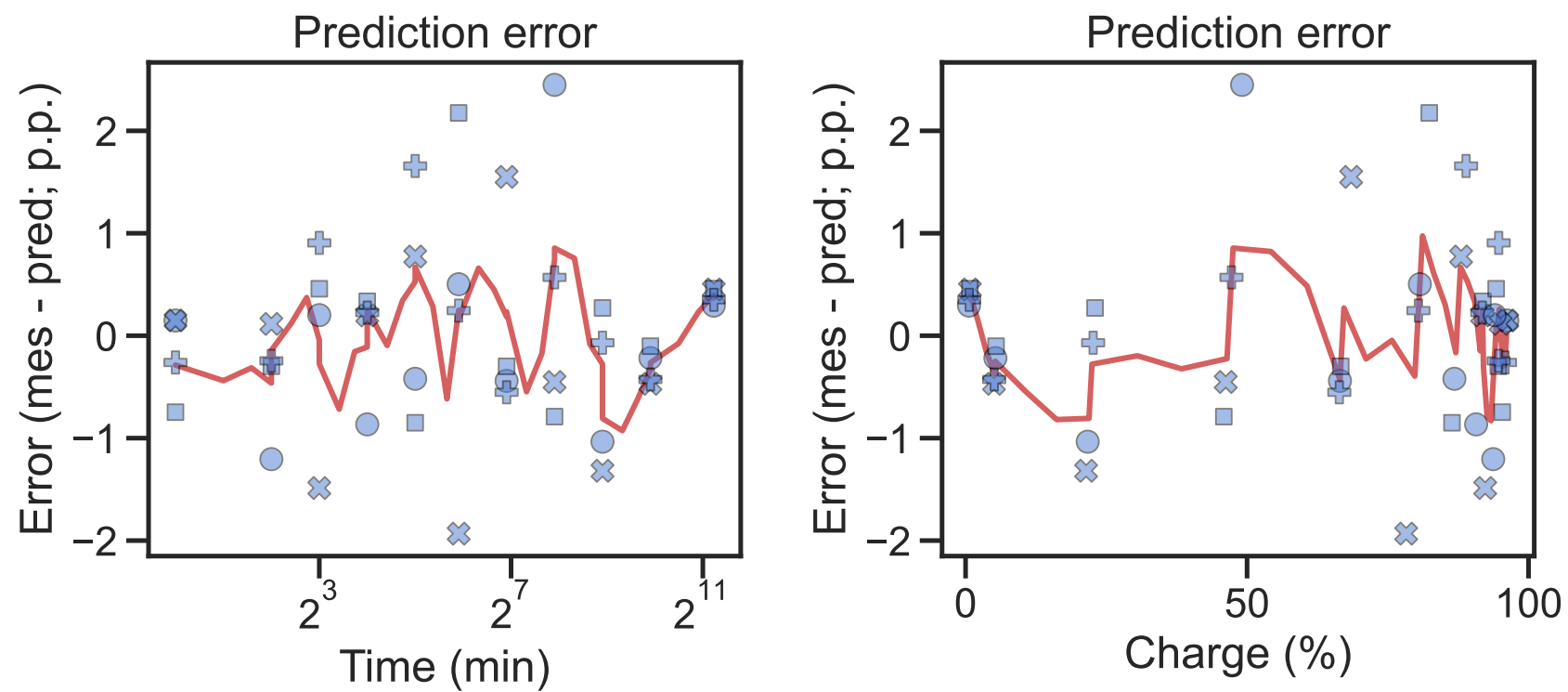
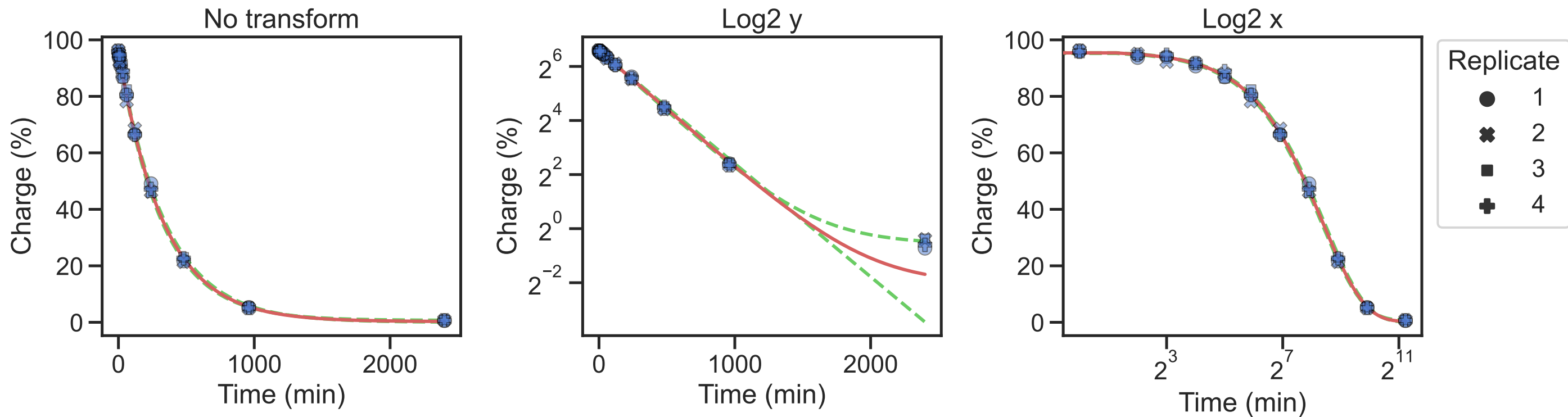
Arg-TCG-5-1 half-life=204 min, 95% CI (197; 212)



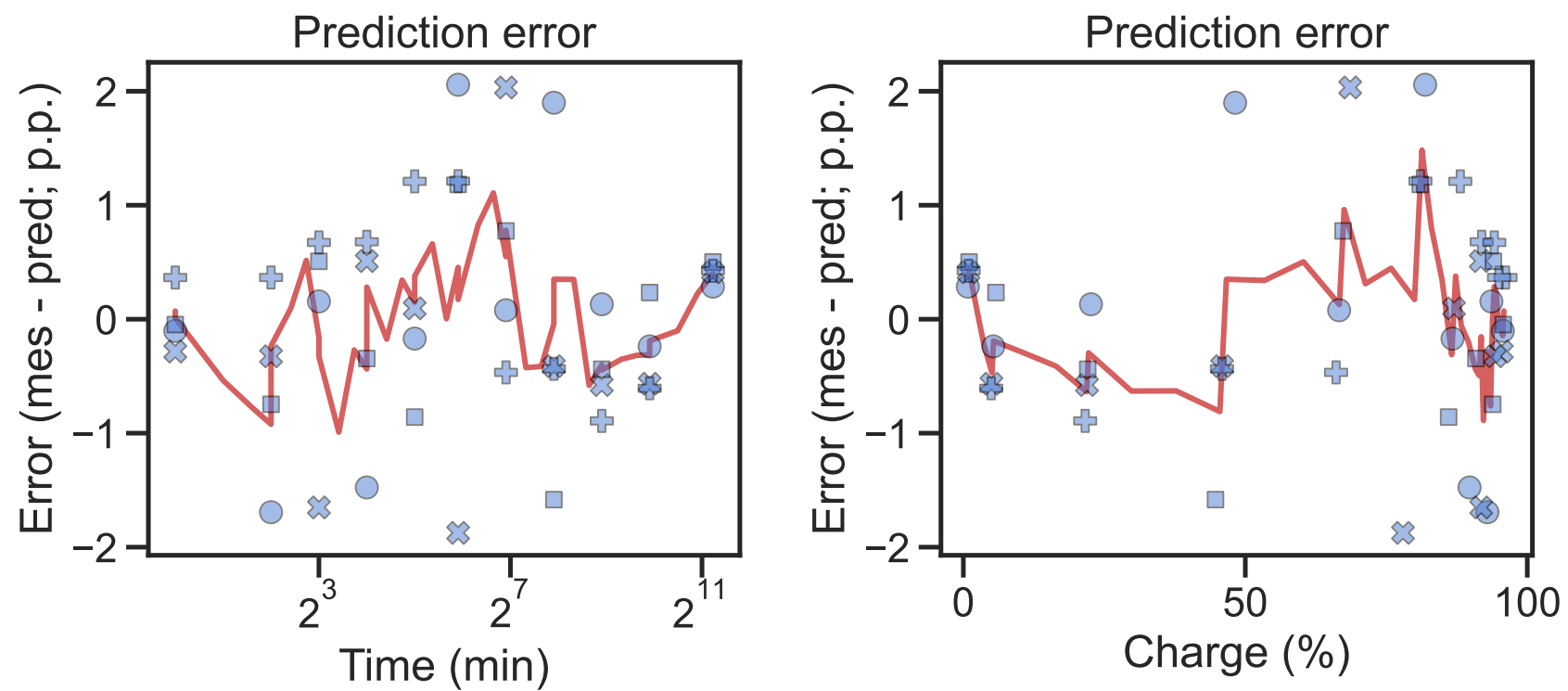
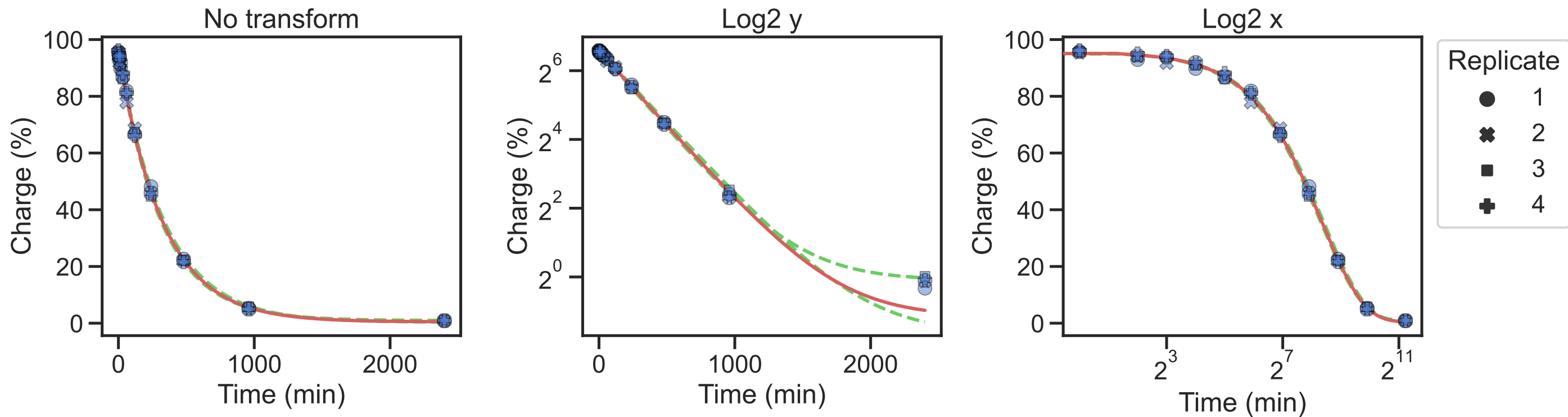
Arg-TCT-1-1 half-life=232 min, 95% CI (224; 241)



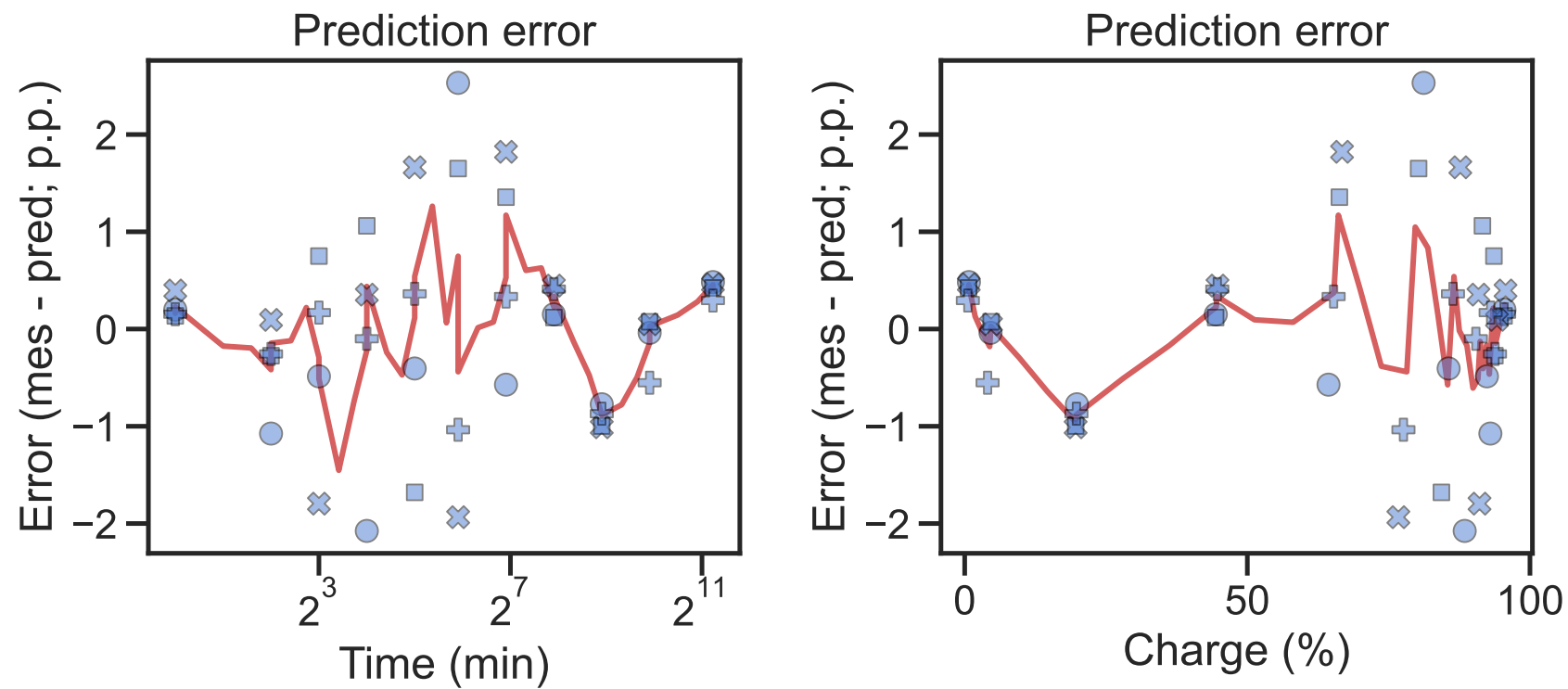
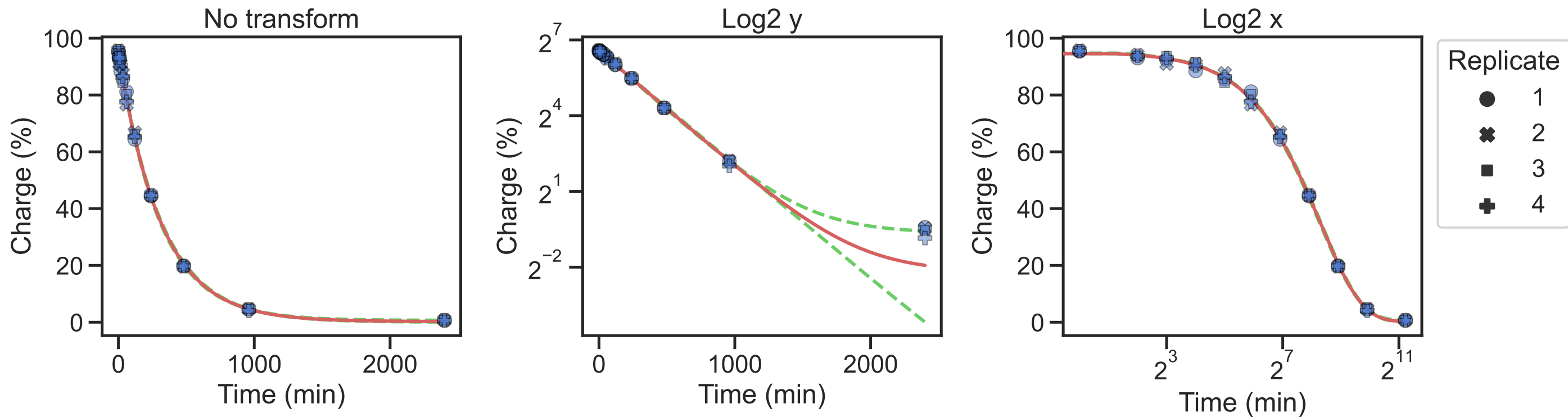
Arg-TCT-2-1 half-life=229 min, 95% CI (221; 239)



Arg-TCT-3-1 half-life=227 min, 95% CI (218; 238)

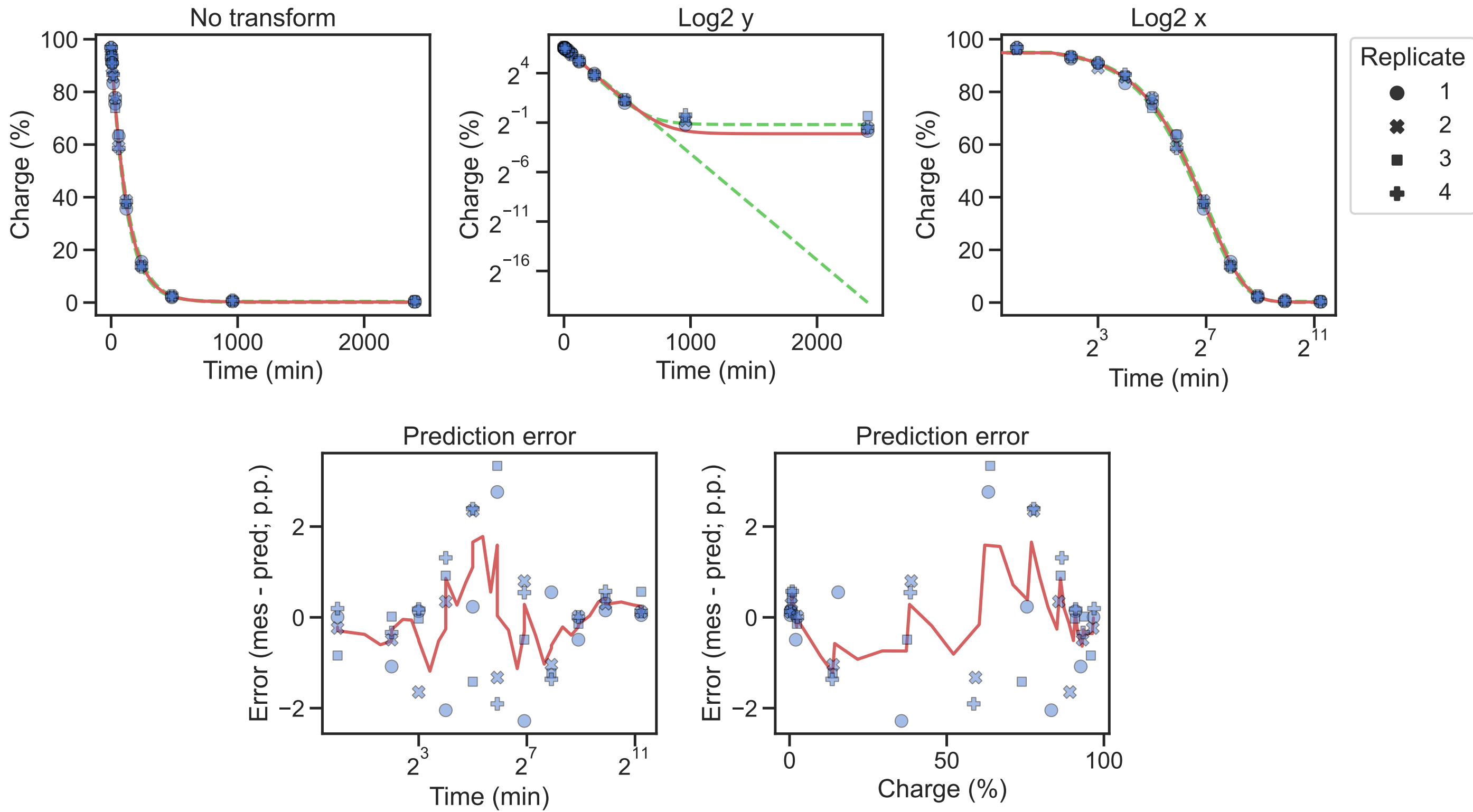


Arg-TCT-4-1 half-life=216 min, 95% CI (210; 221)

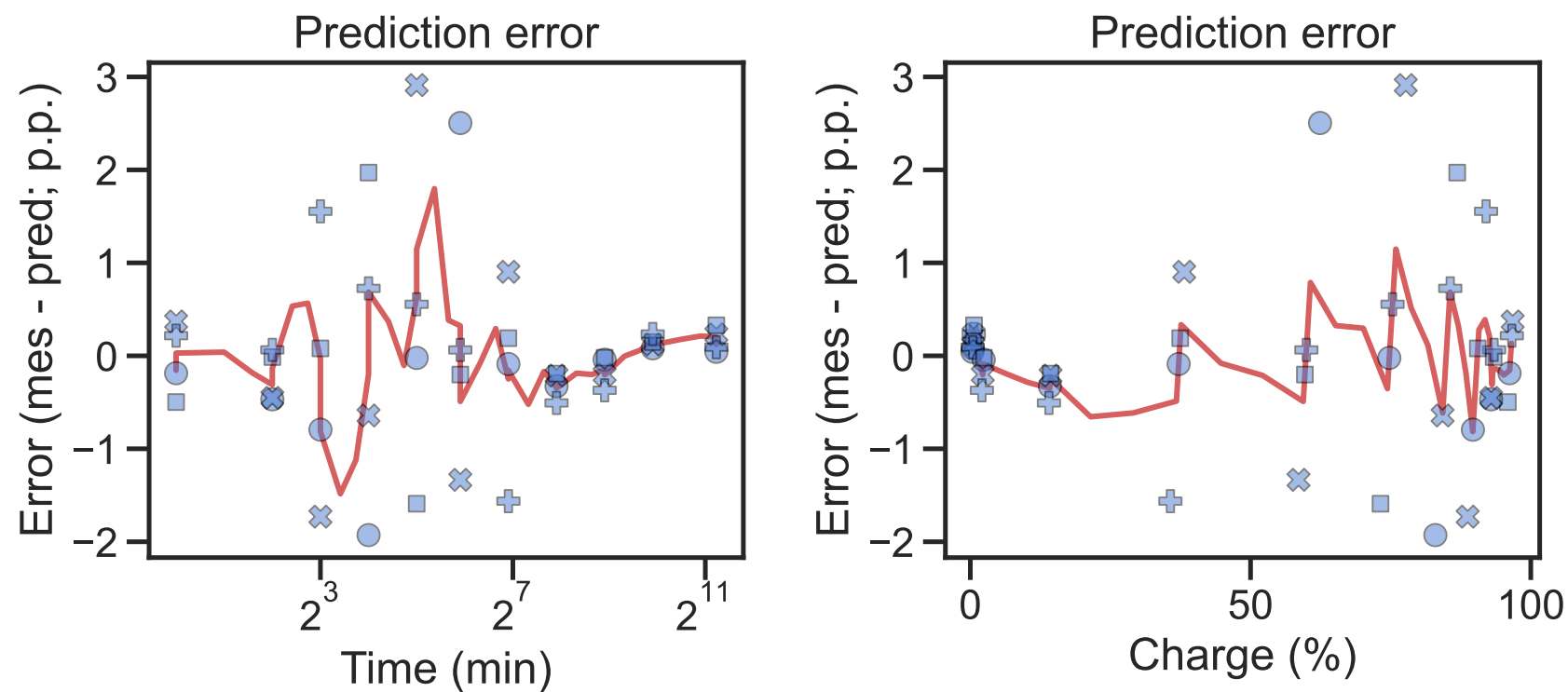
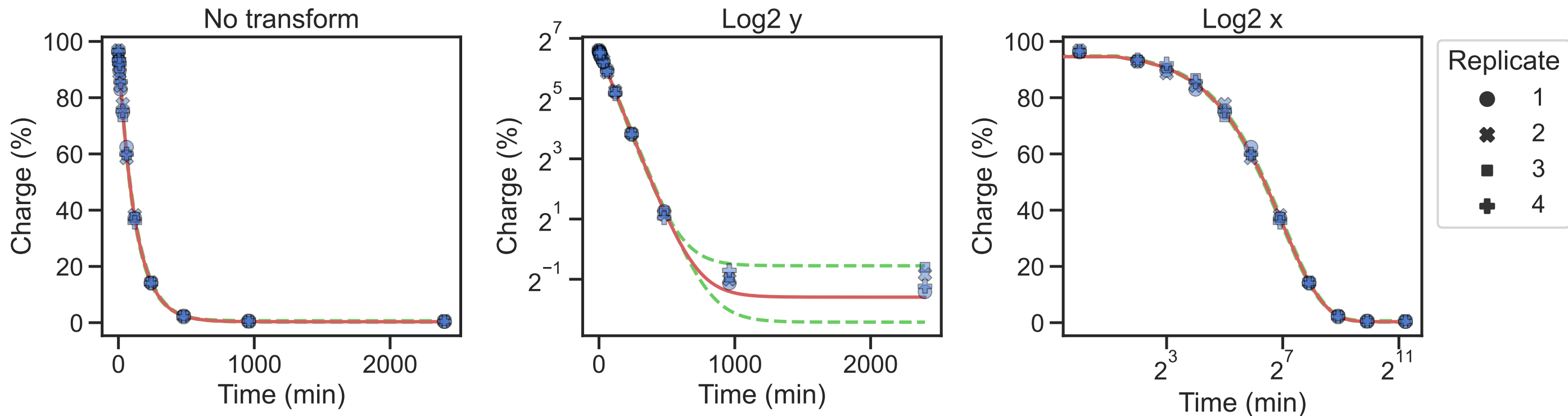




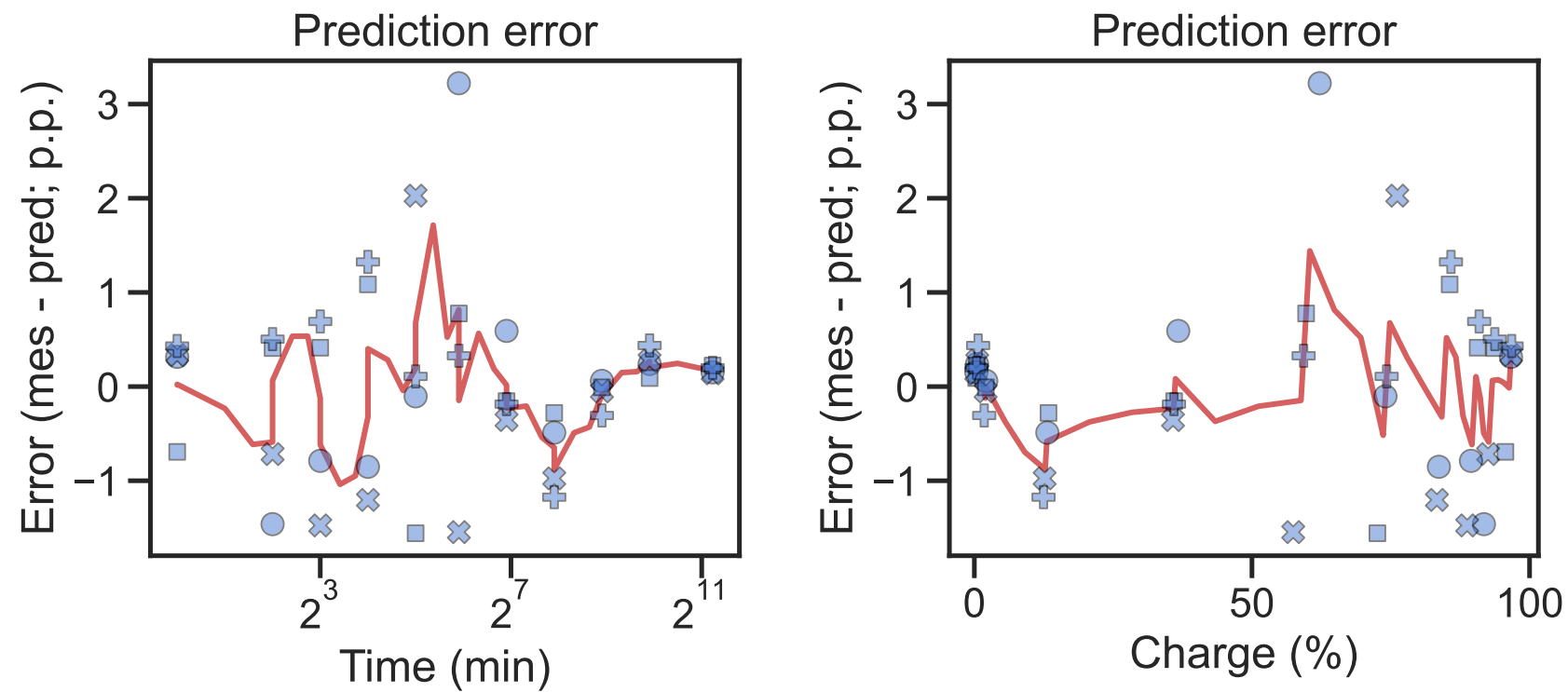
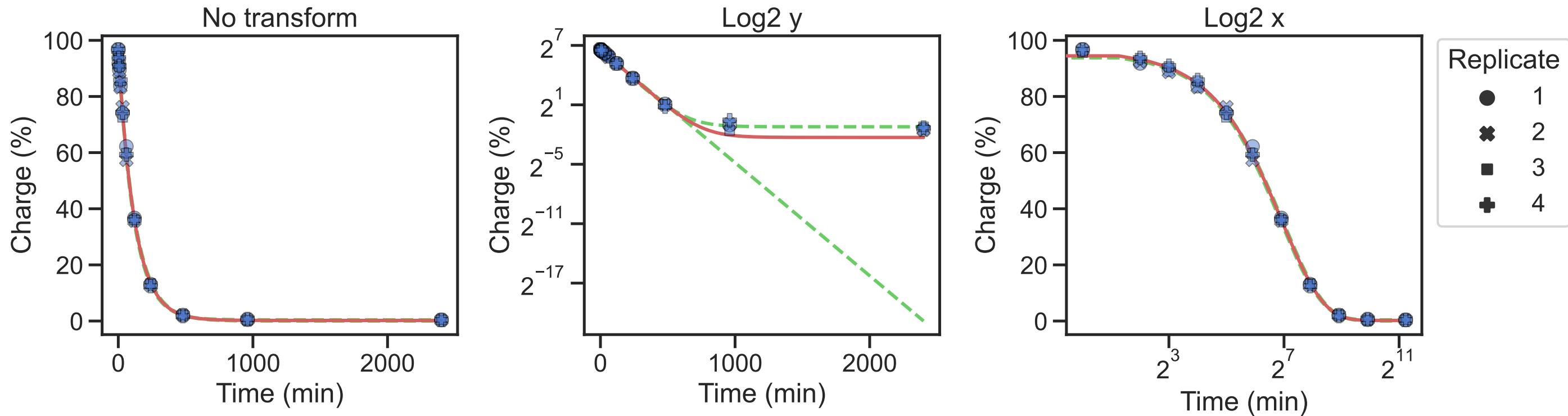
Asn-GTT-1-1 half-life=88 min, 95% CI (83; 93)



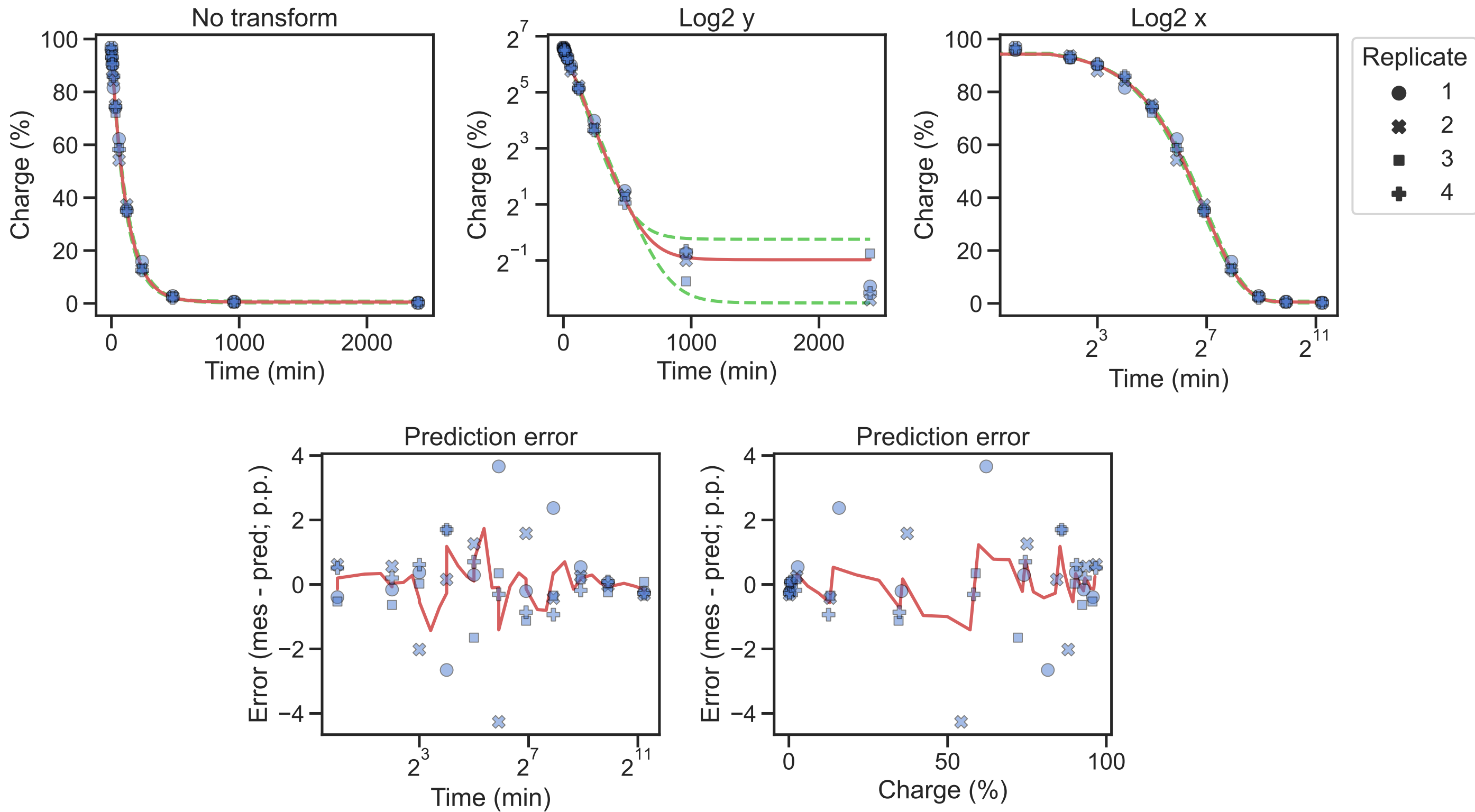
Asn-GTT-2-1 half-life=87 min, 95% CI (84; 90)



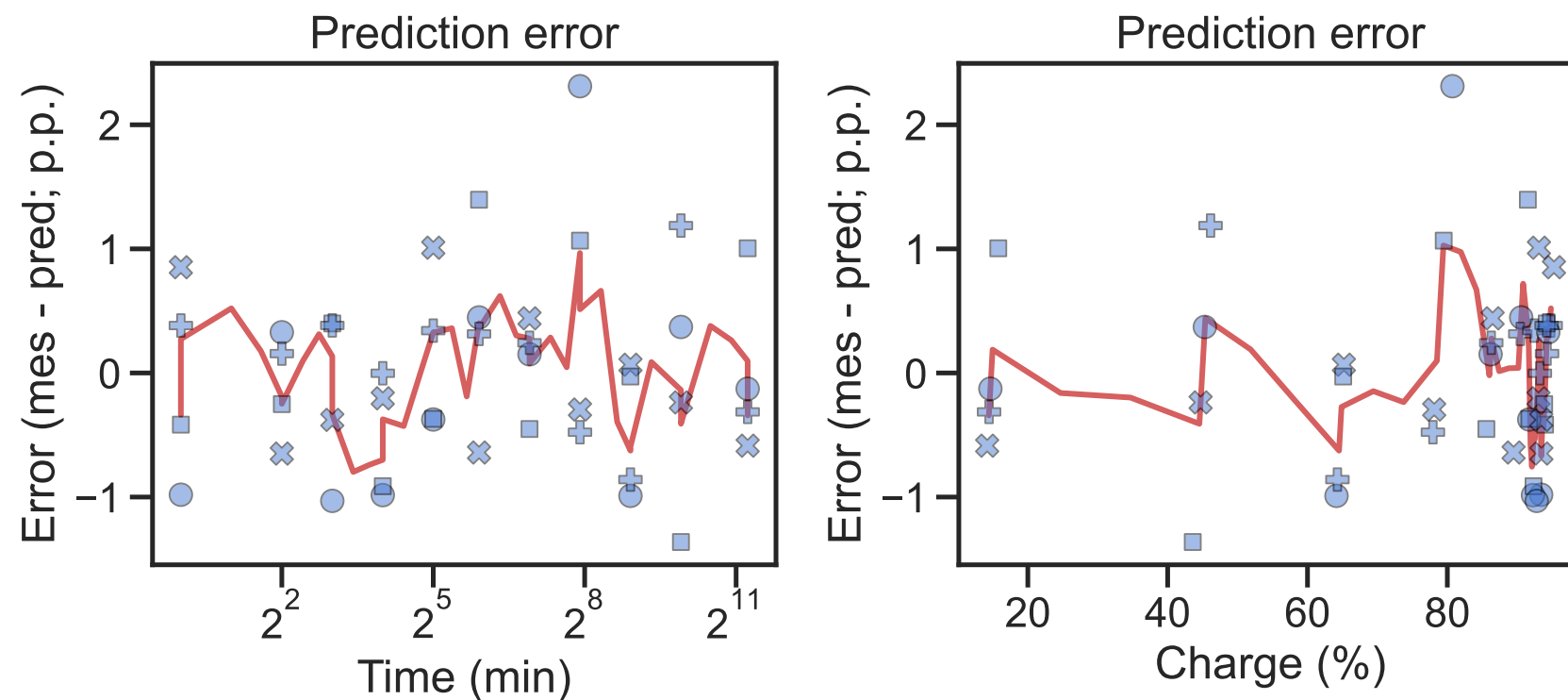
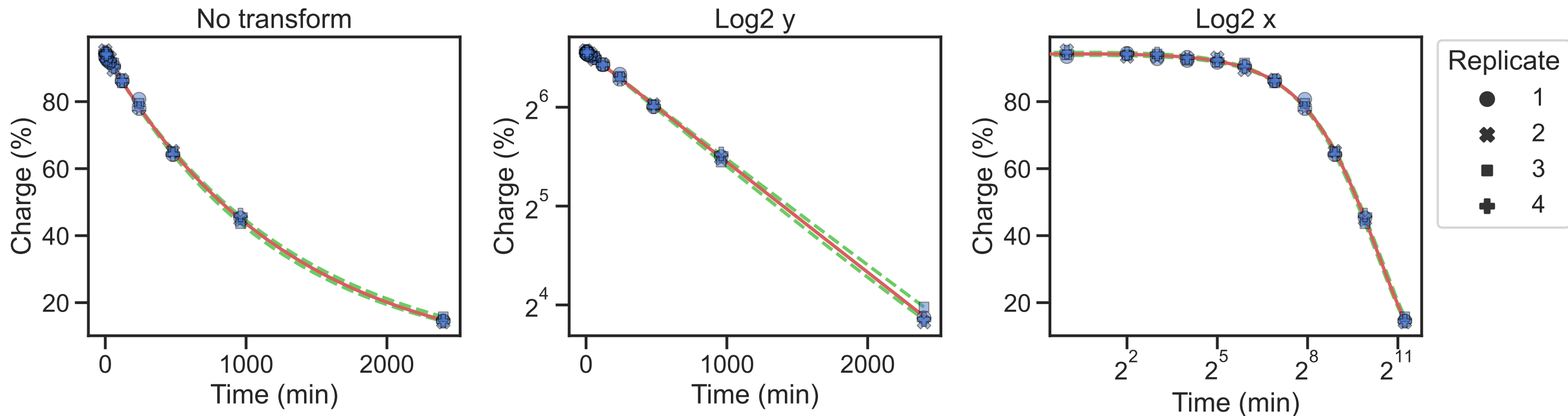
Asn-GTT-3-1 half-life=85 min, 95% CI (82; 88)

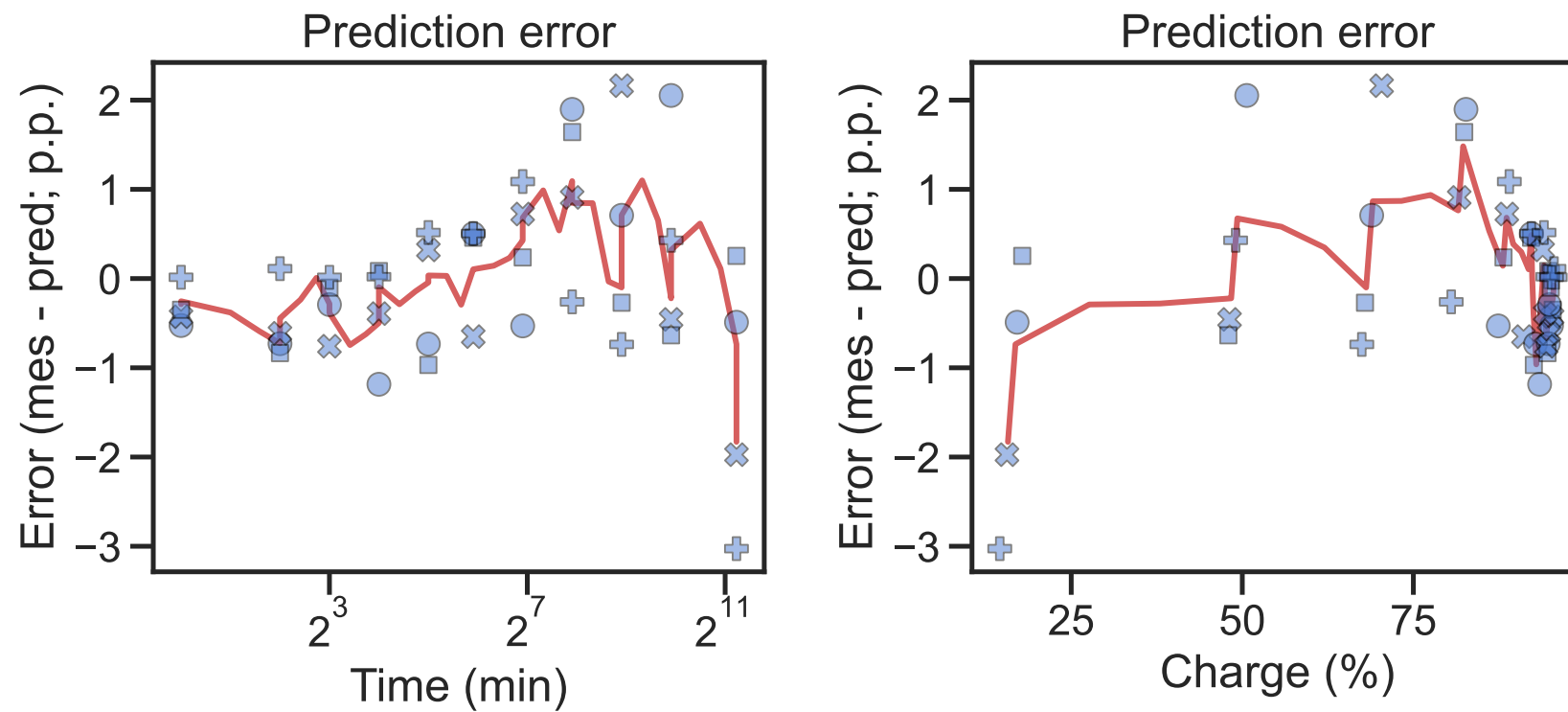
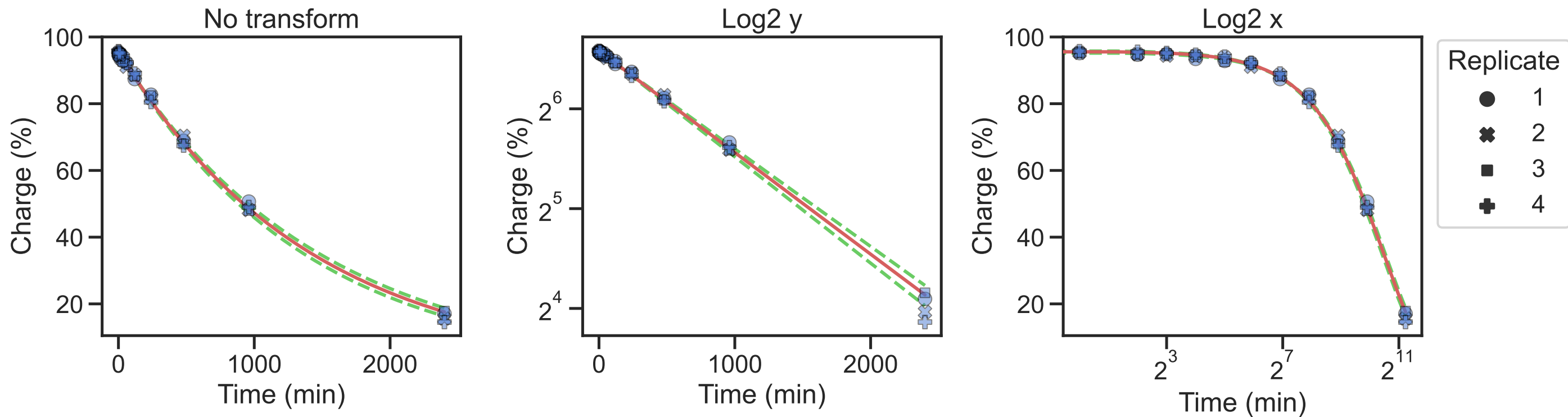


Asn-GTT-5-1 half-life=83 min, 95% CI (78; 88)

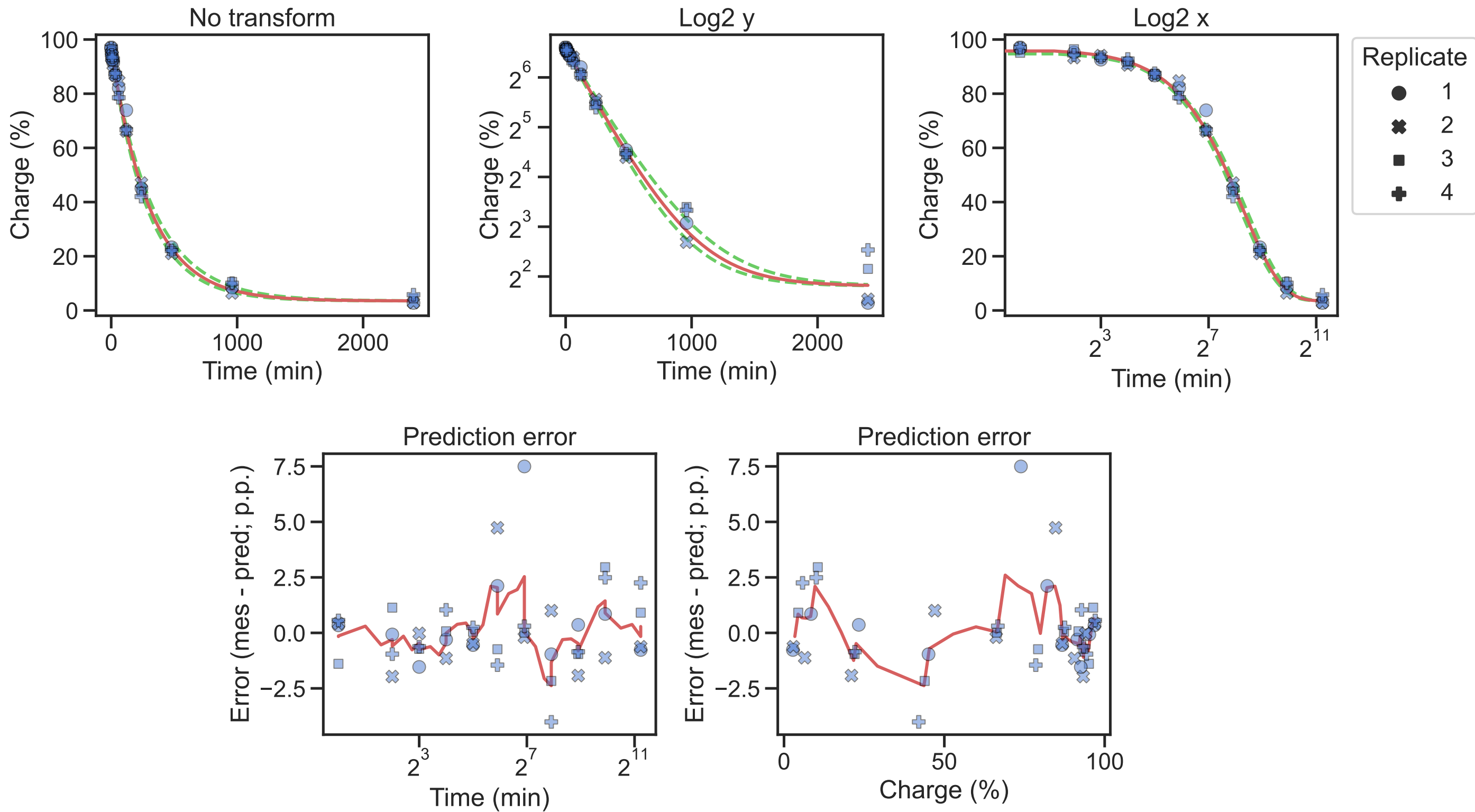


Asp-GTC-1-1 half-life=897 min, 95% CI (833; 920)

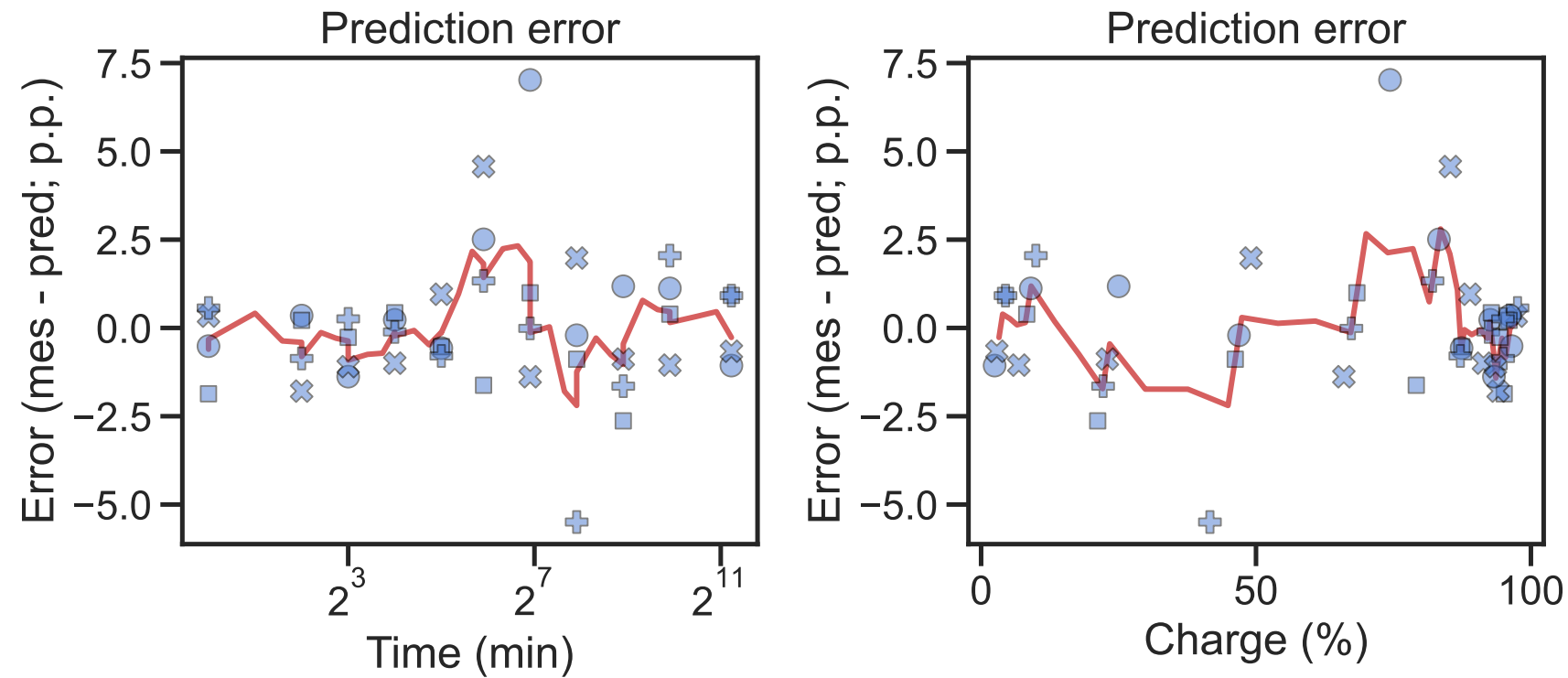
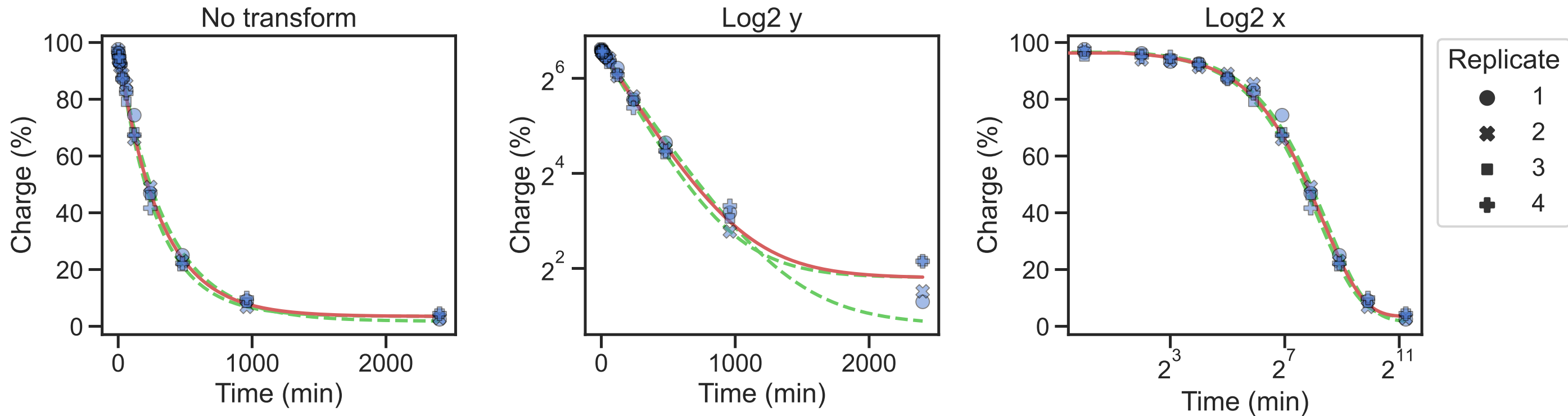




Cys-GCA-11-1 half-life=213min, 95% CI (198; 234)

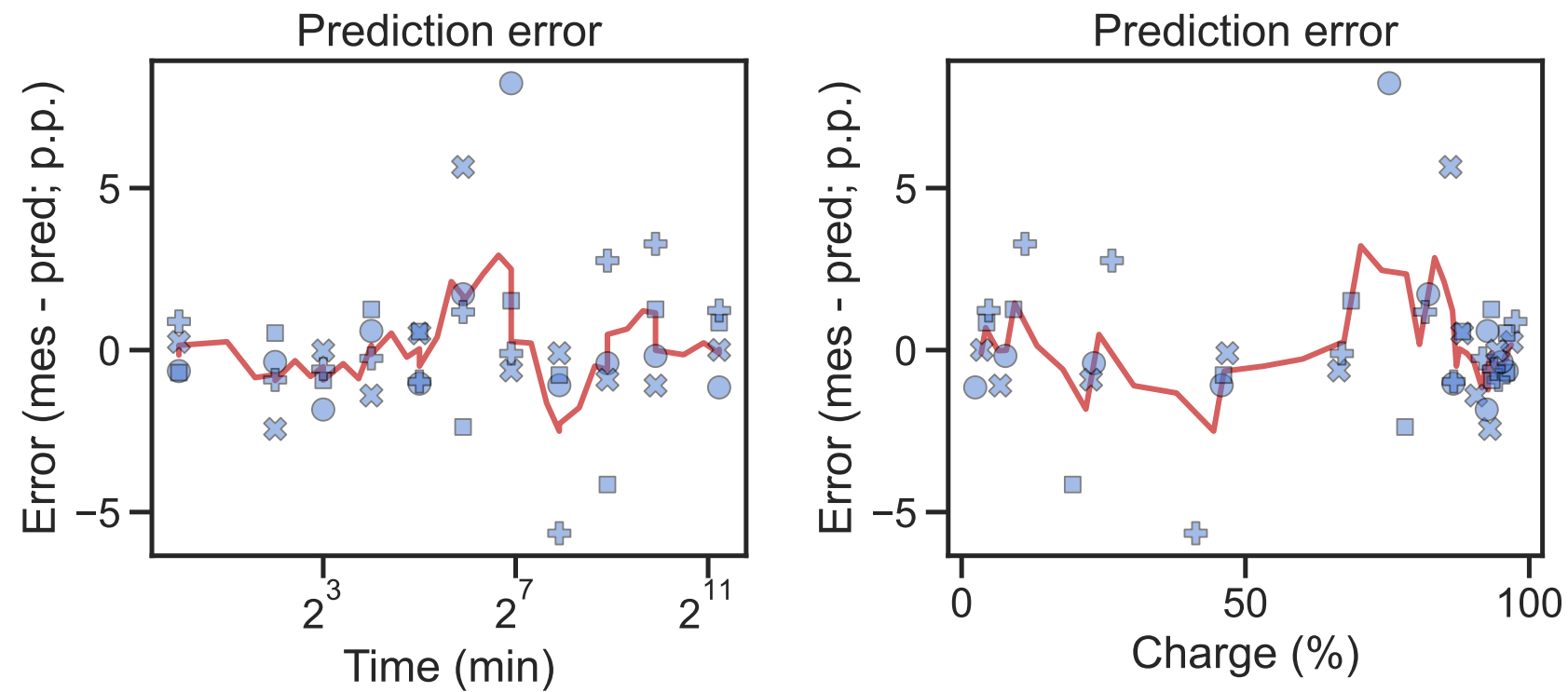
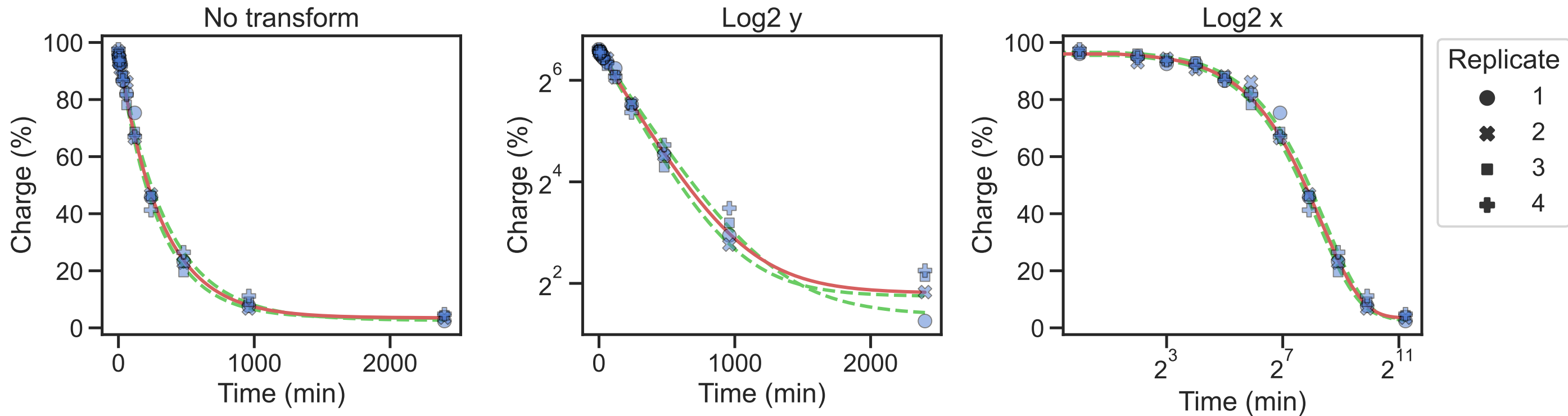


Cys-GCA-2-1 half-life=218 min, 95% CI (200; 243)

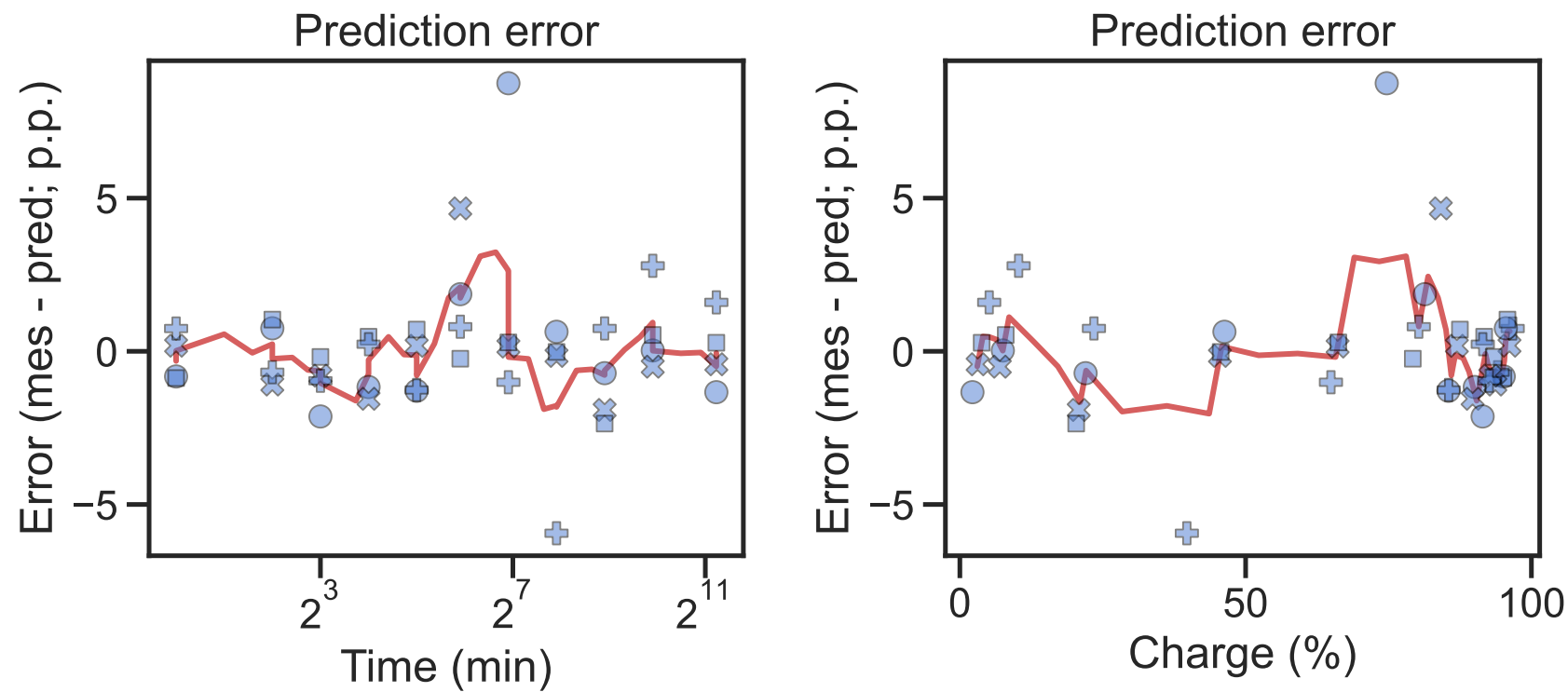
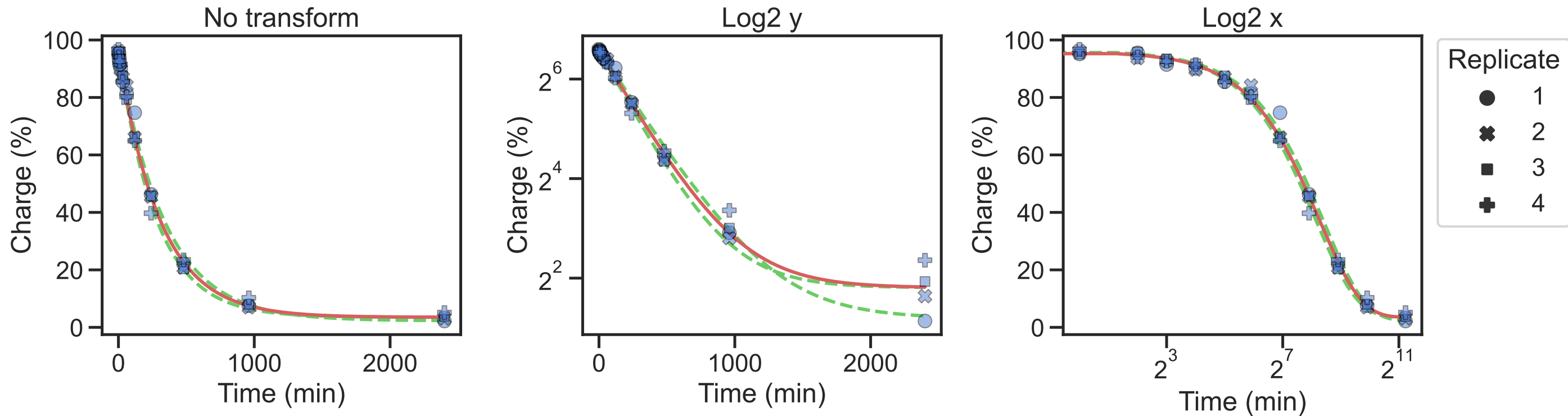


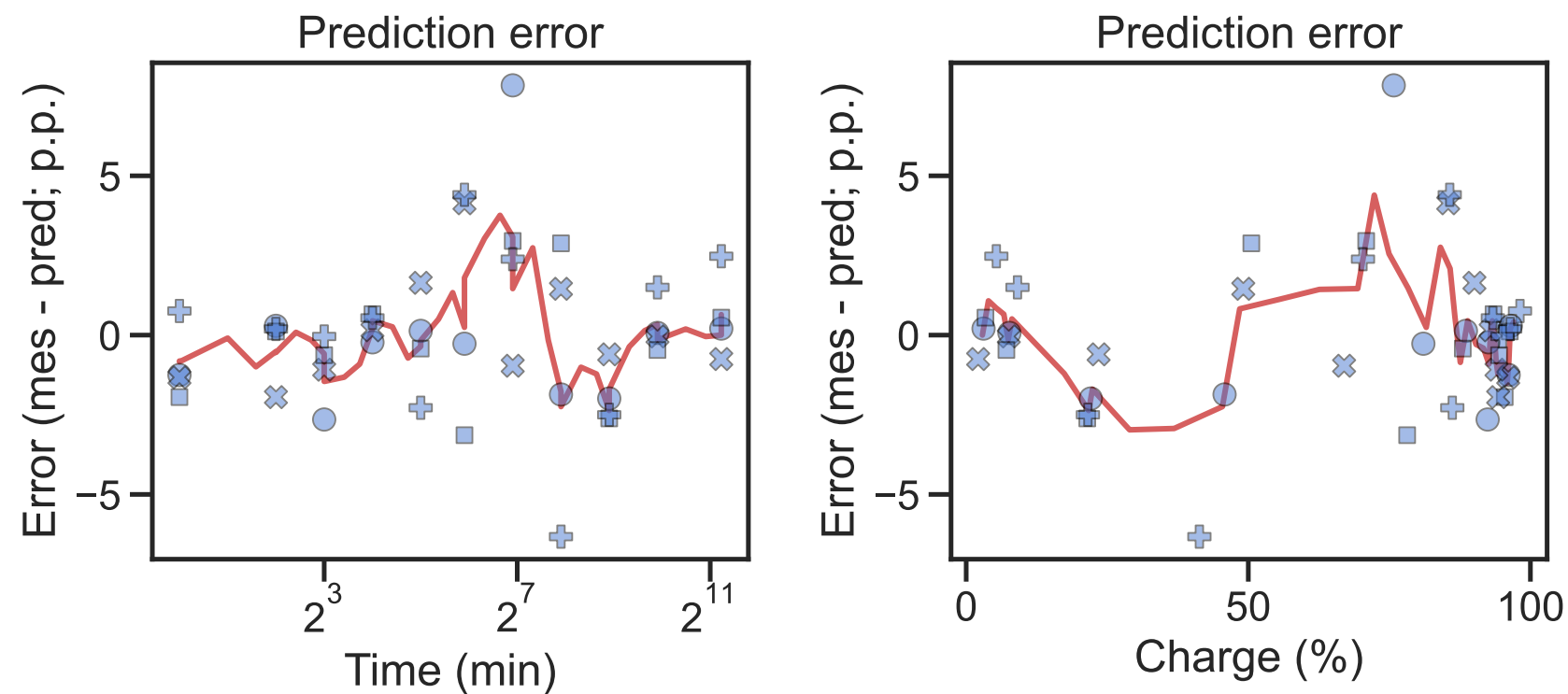
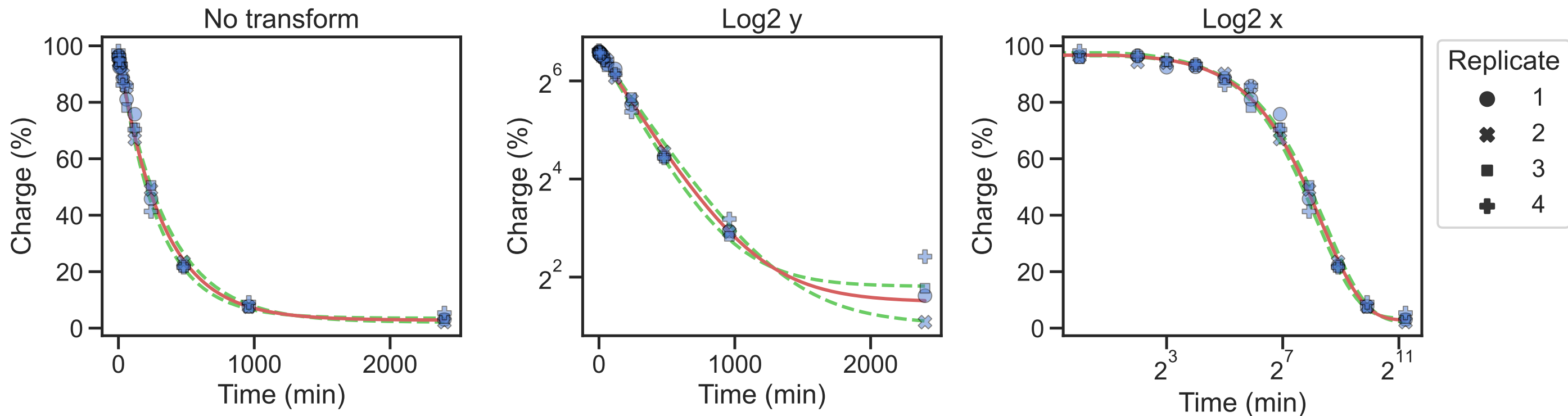


Cys-GCA-4-1 half-life=218 min, 95% CI (203; 241)

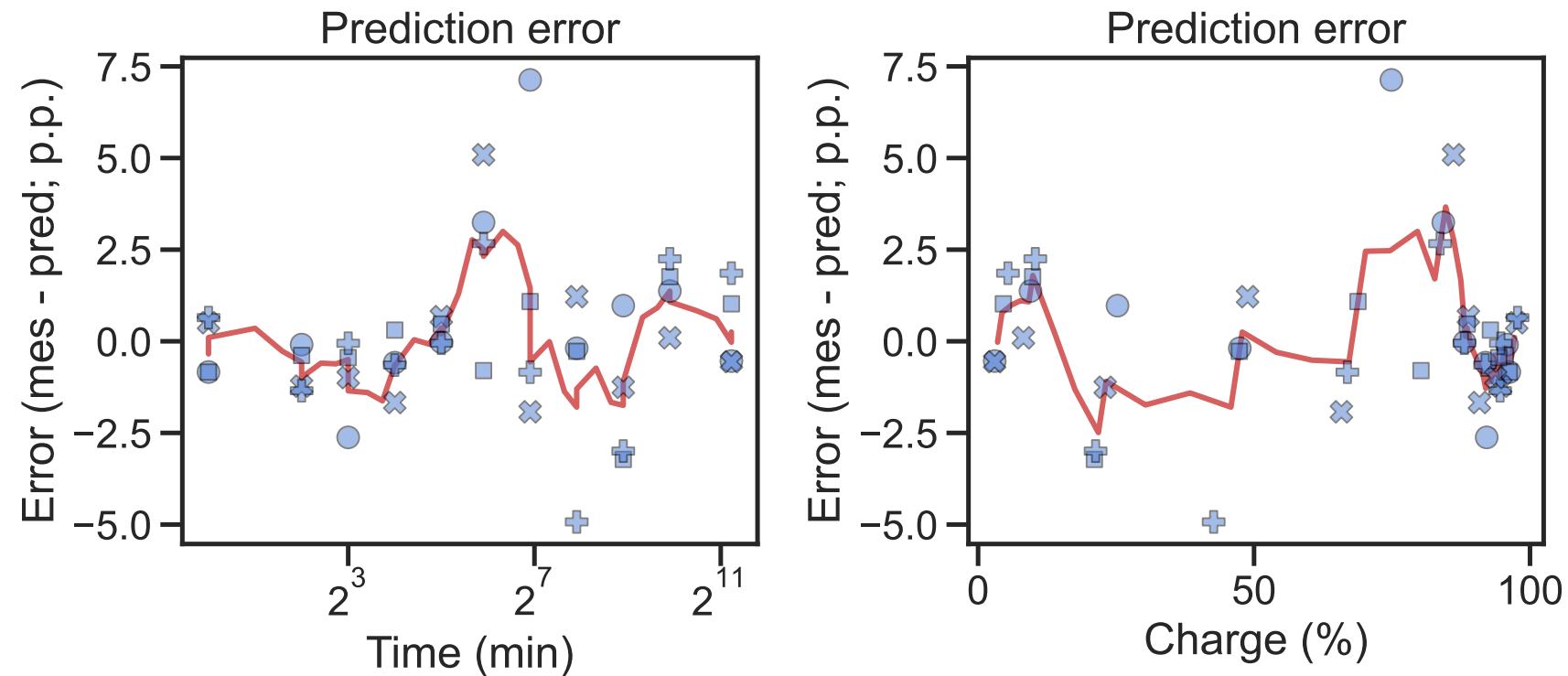
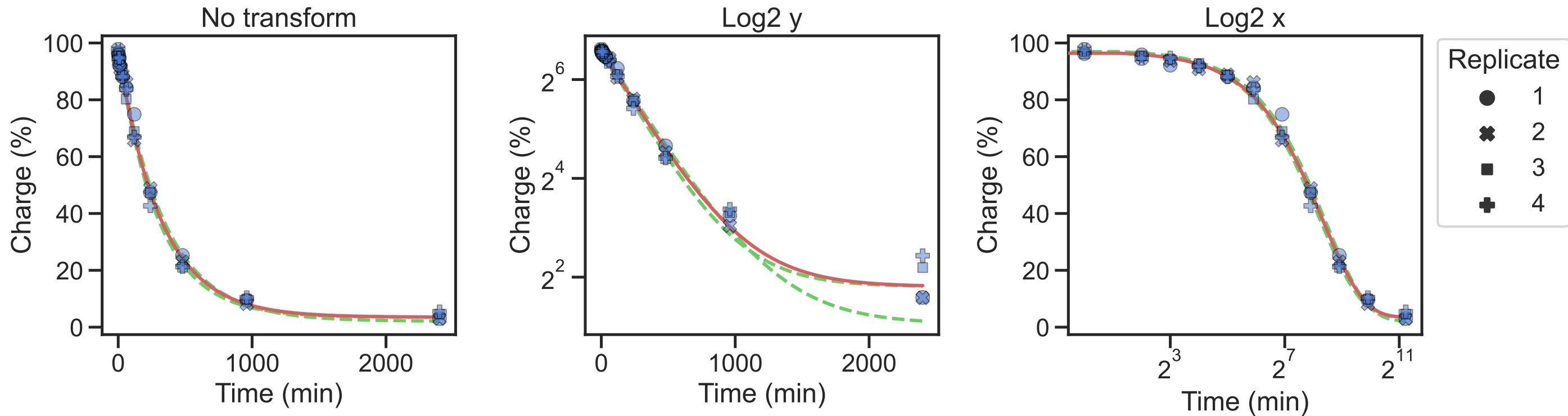


Cys-GCA-6-1 half-life=212 min, 95% CI (194; 236)

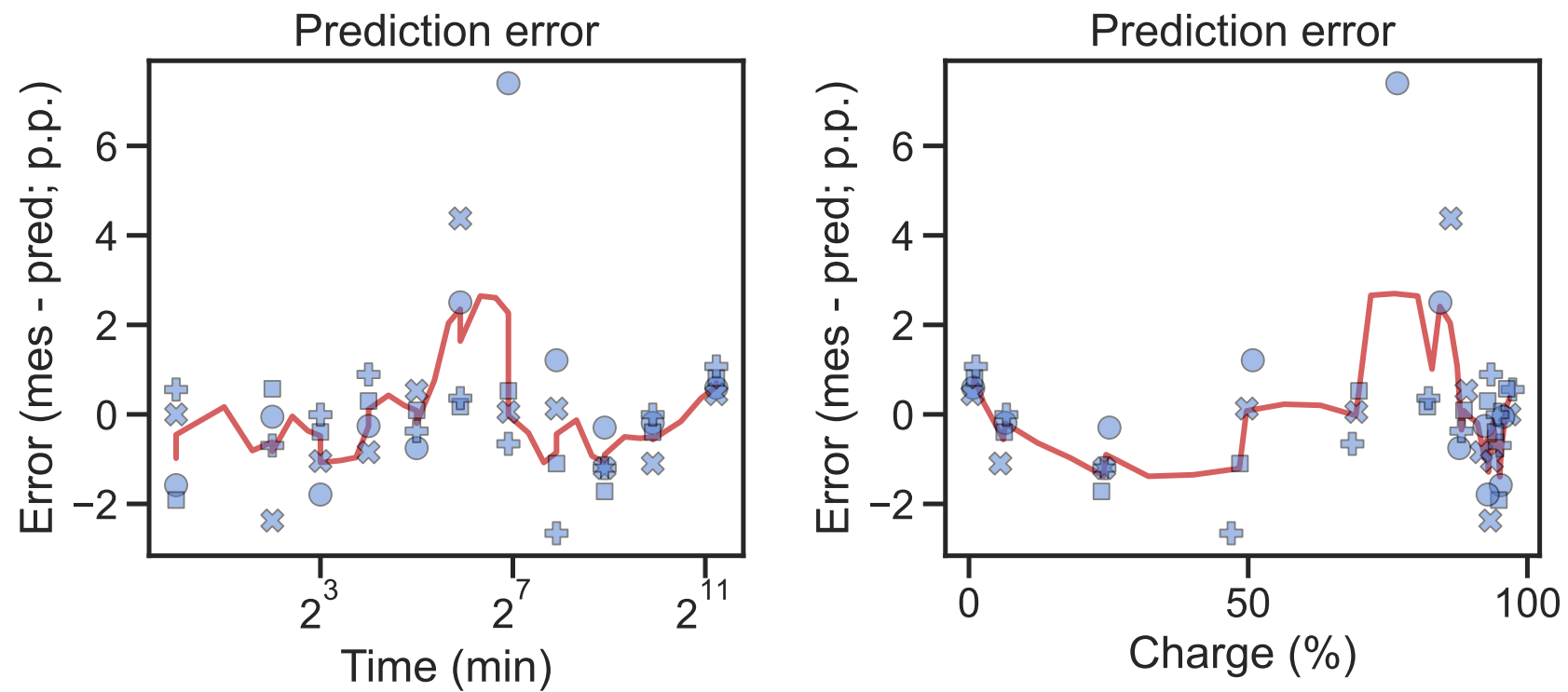
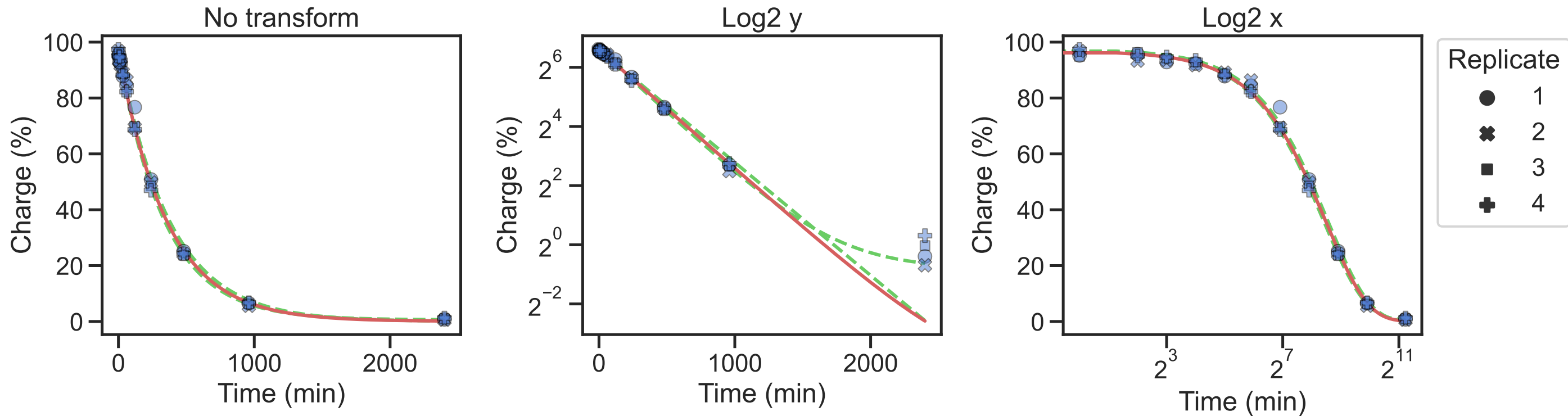




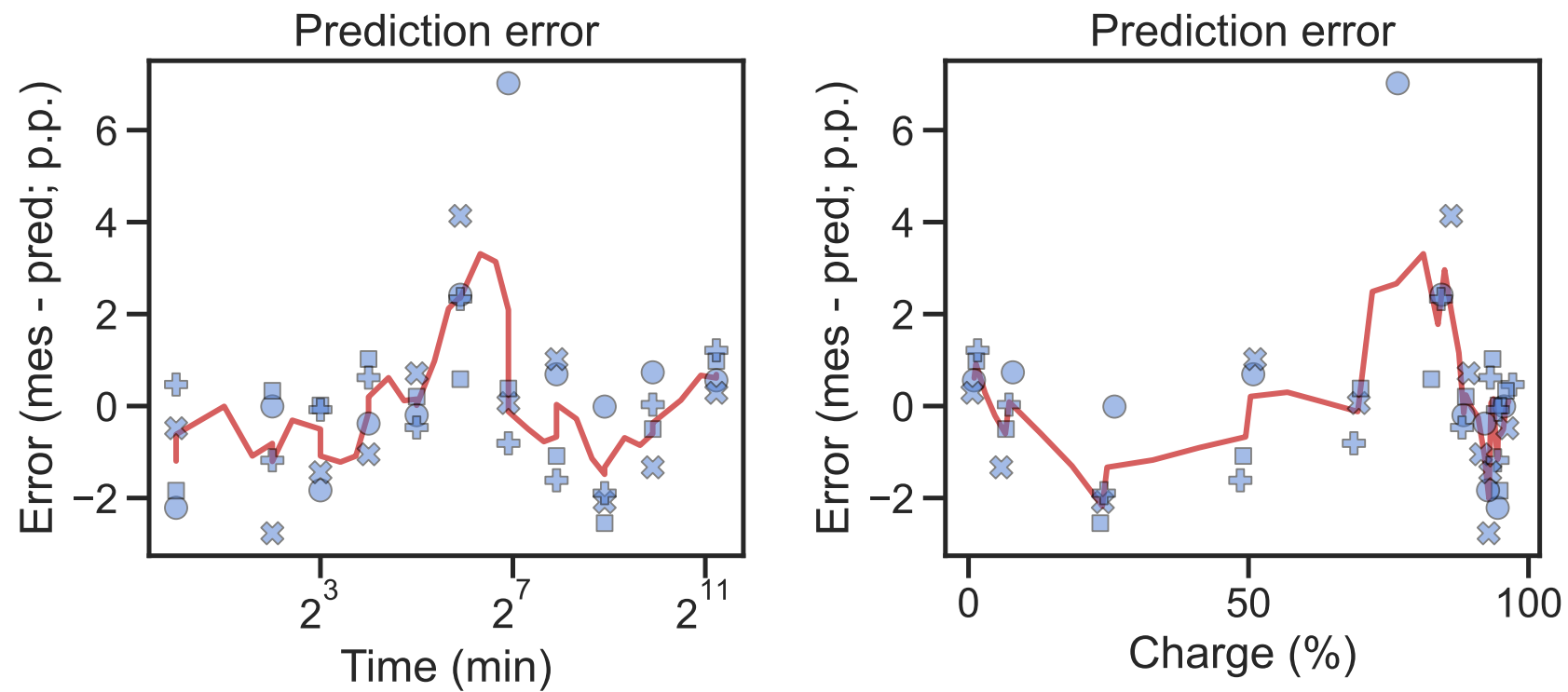
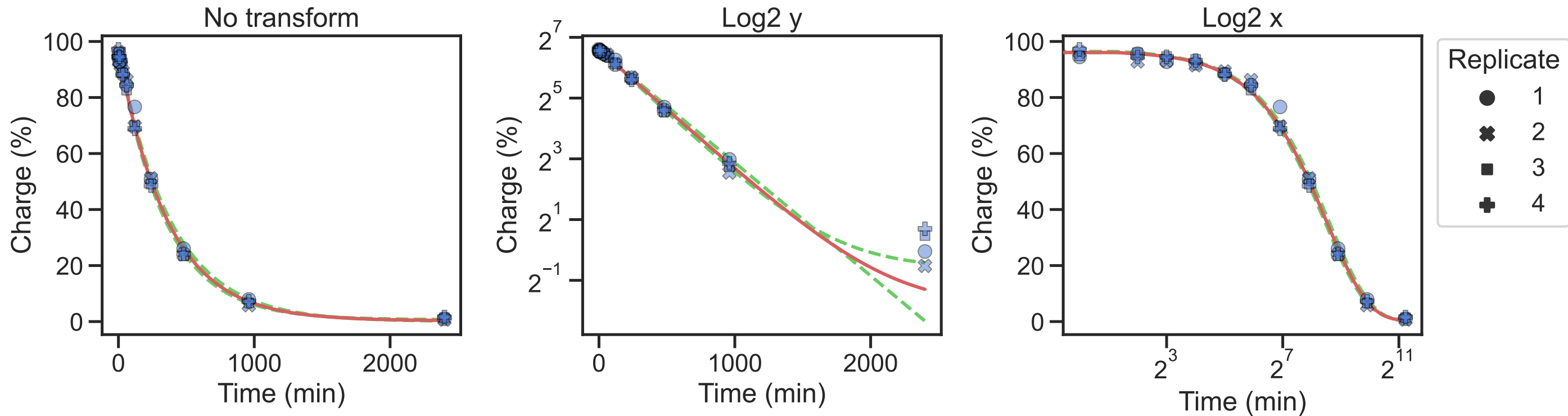
Cys-GCA-9-1 half-life=221 min, 95% CI (207; 238)



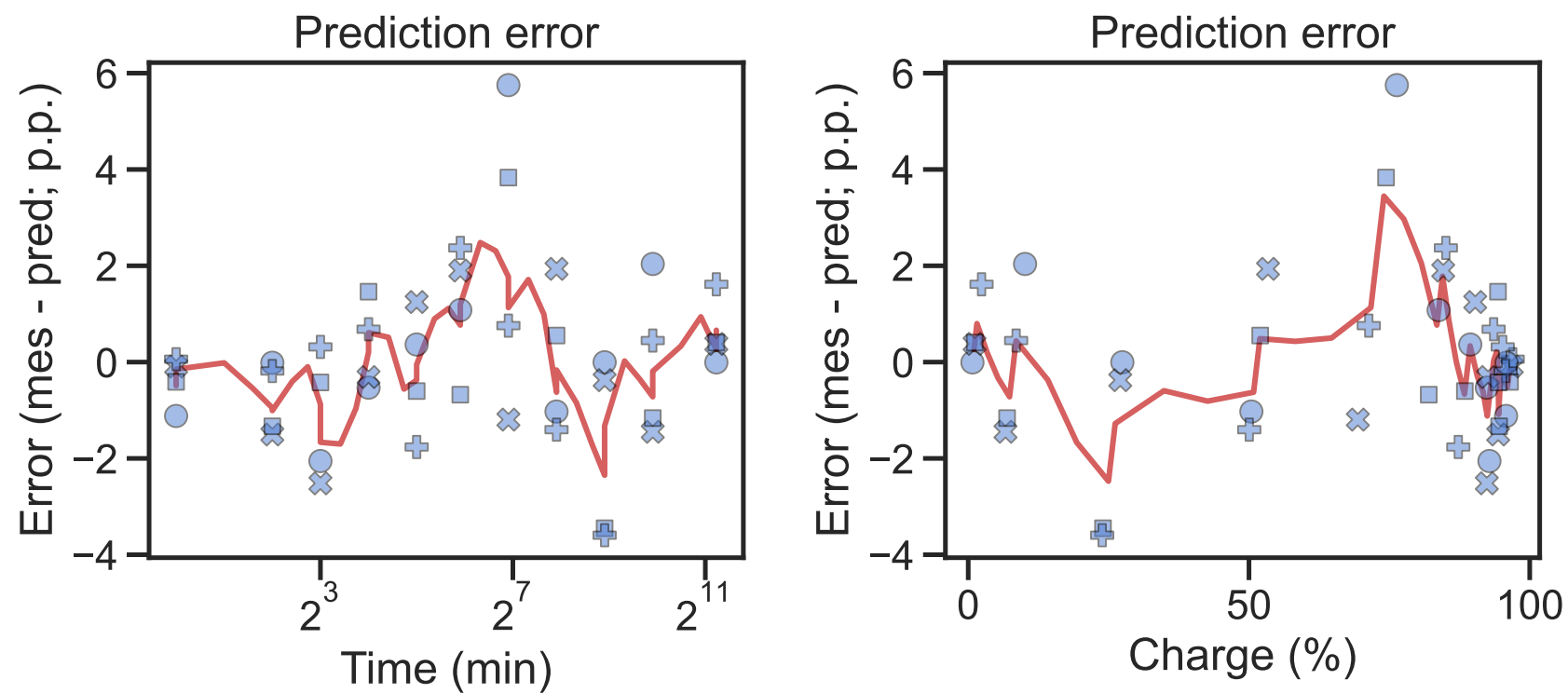
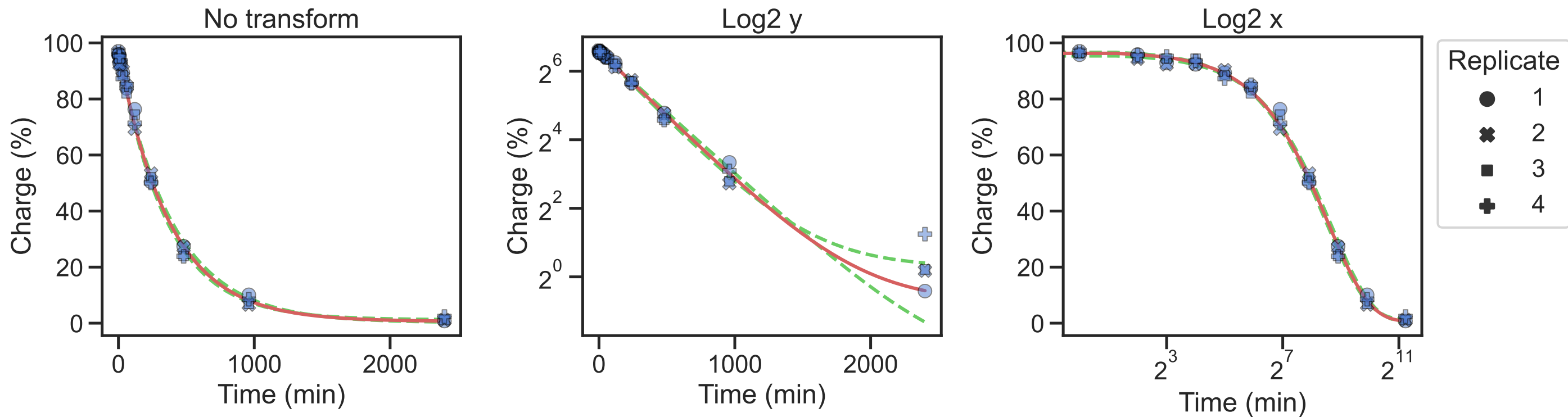
Gln-CTG-1-1 half-life=249 min, 95% CI (235; 262)



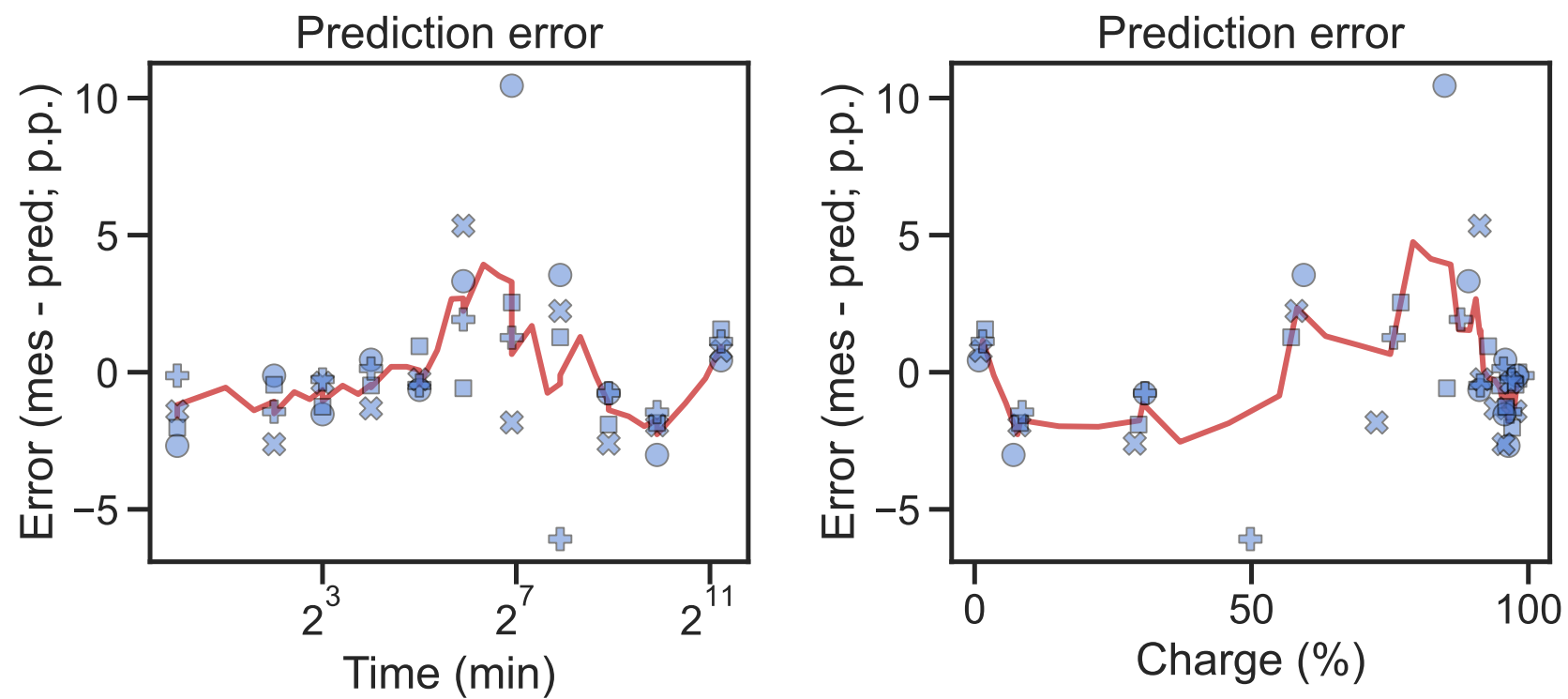
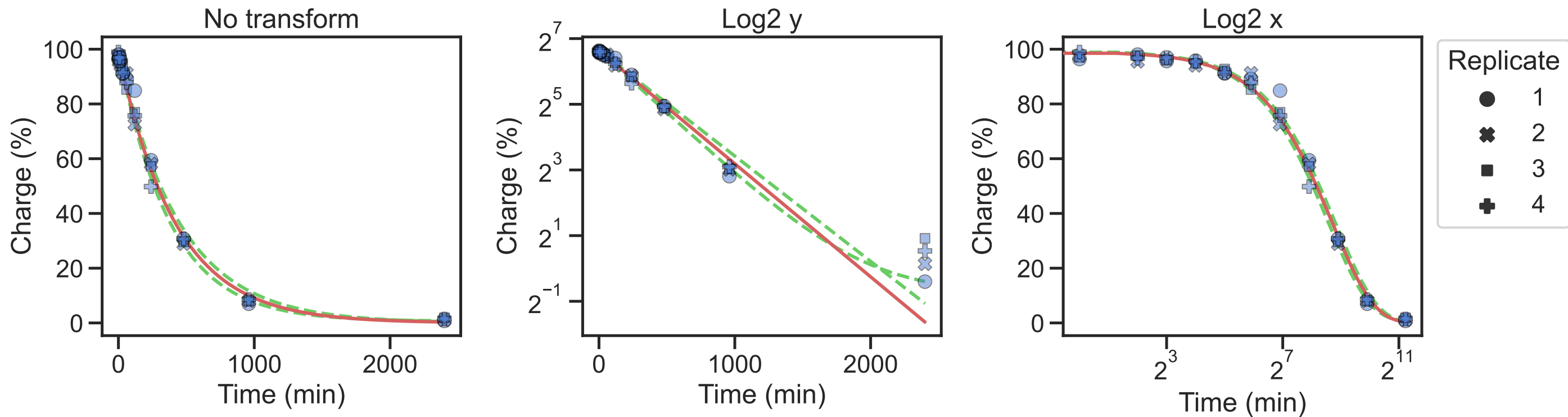
Gln-CTG-2-1 half-life=252 min, 95% CI (239; 269)



Gln-CTG-4-1 half-life=261min, 95% CI (246; 279)

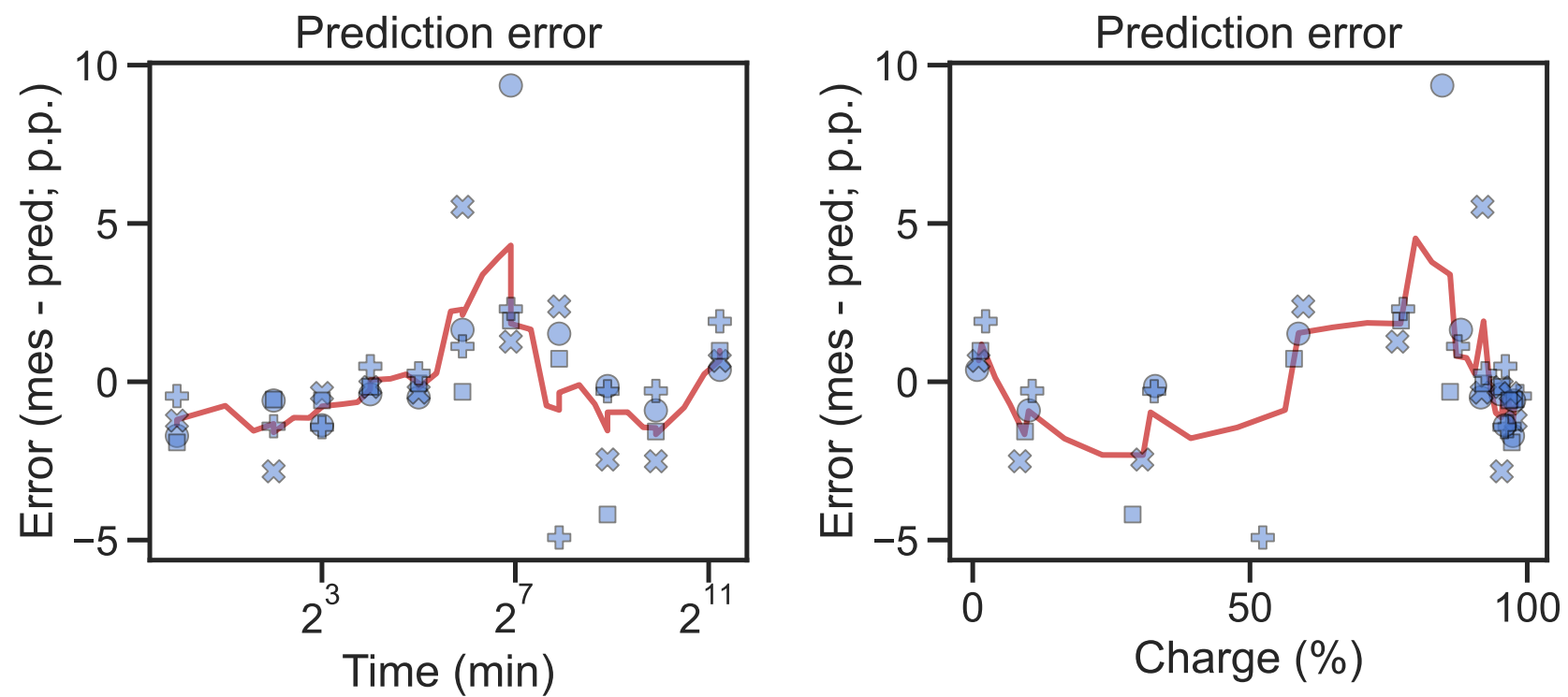
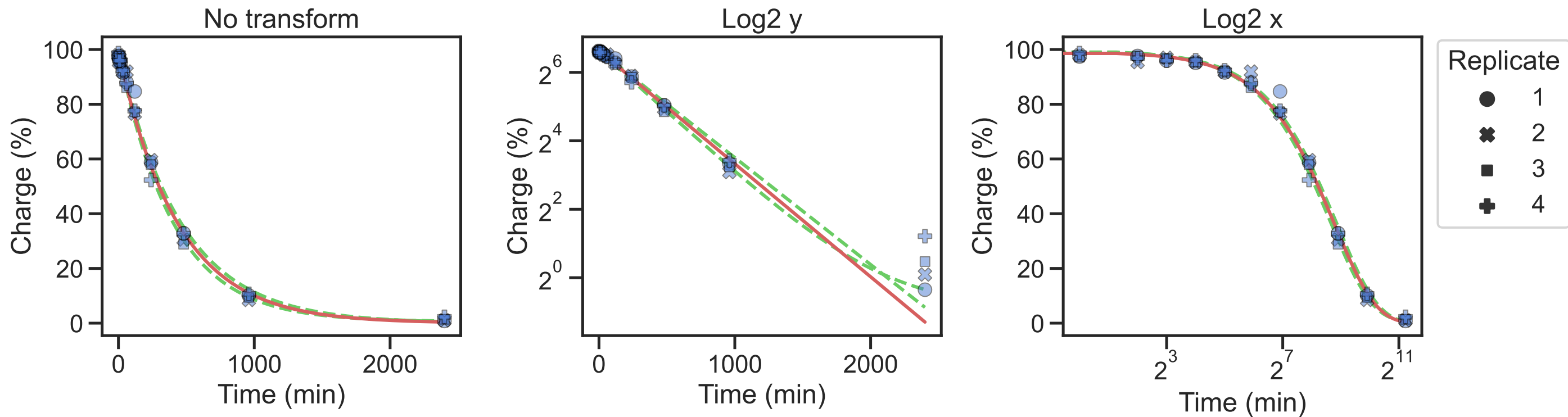


Gln-TTG-1-1 half-life=290min, 95% CI (262; 312)

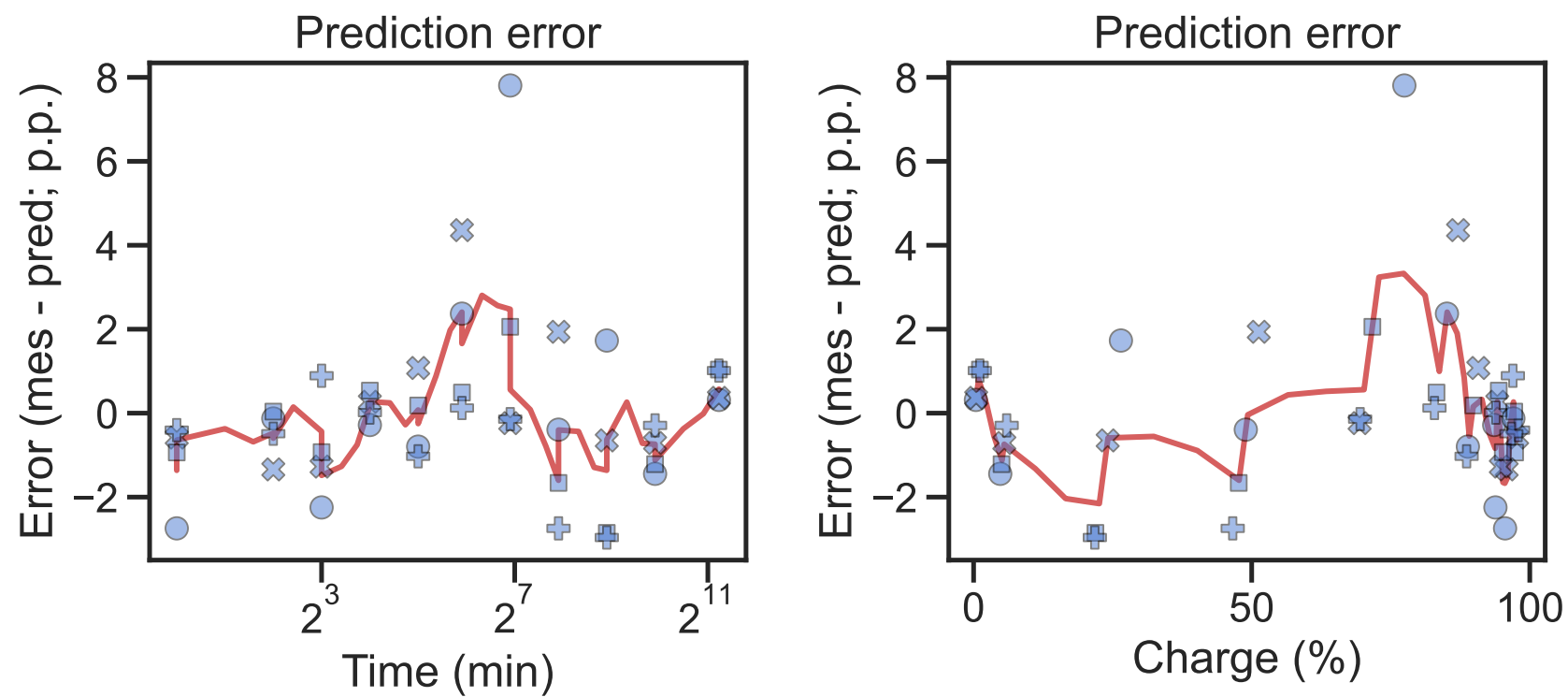
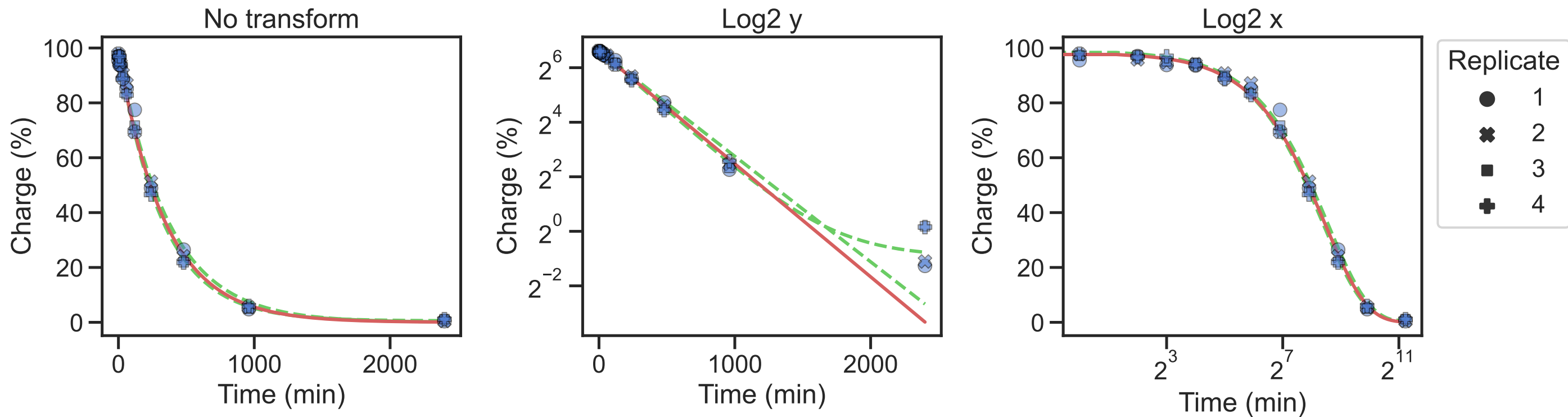




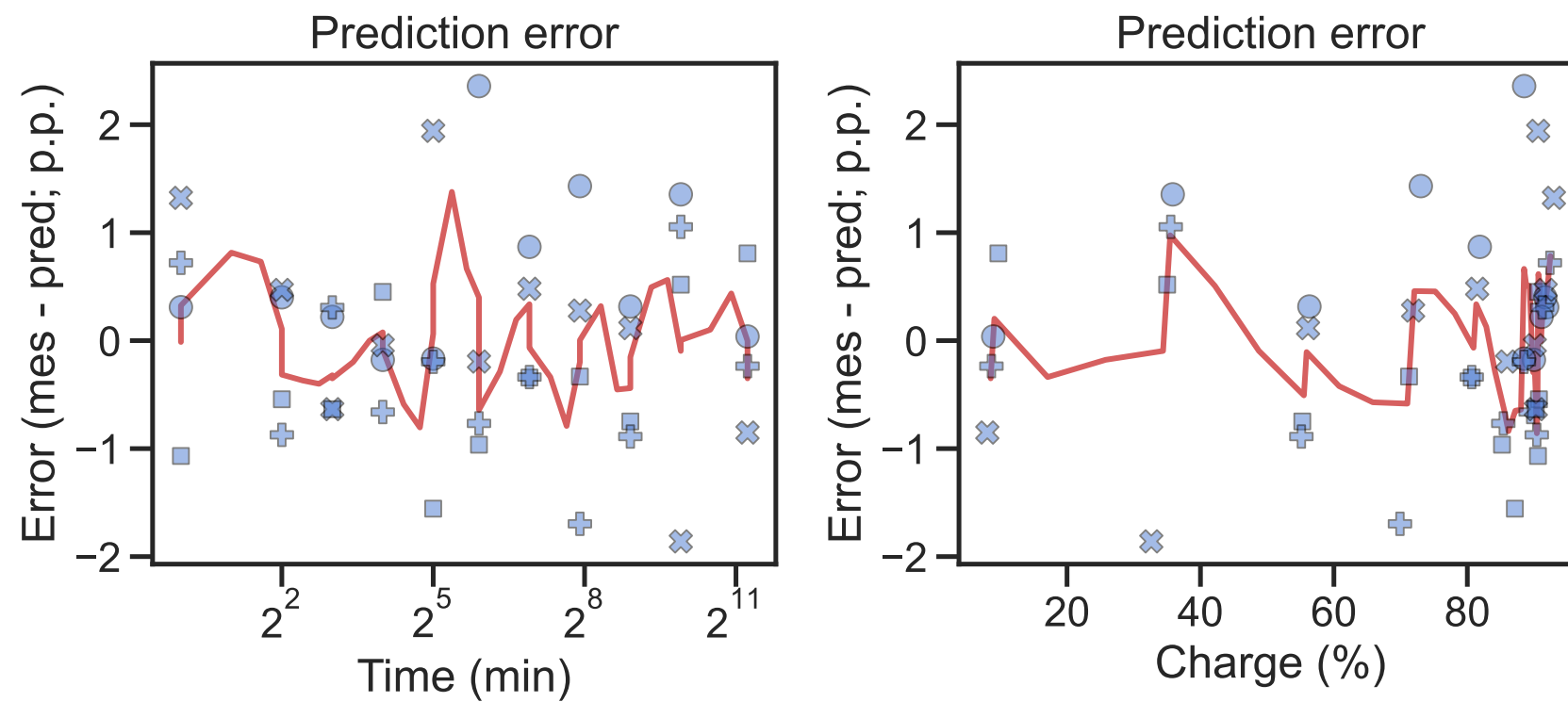
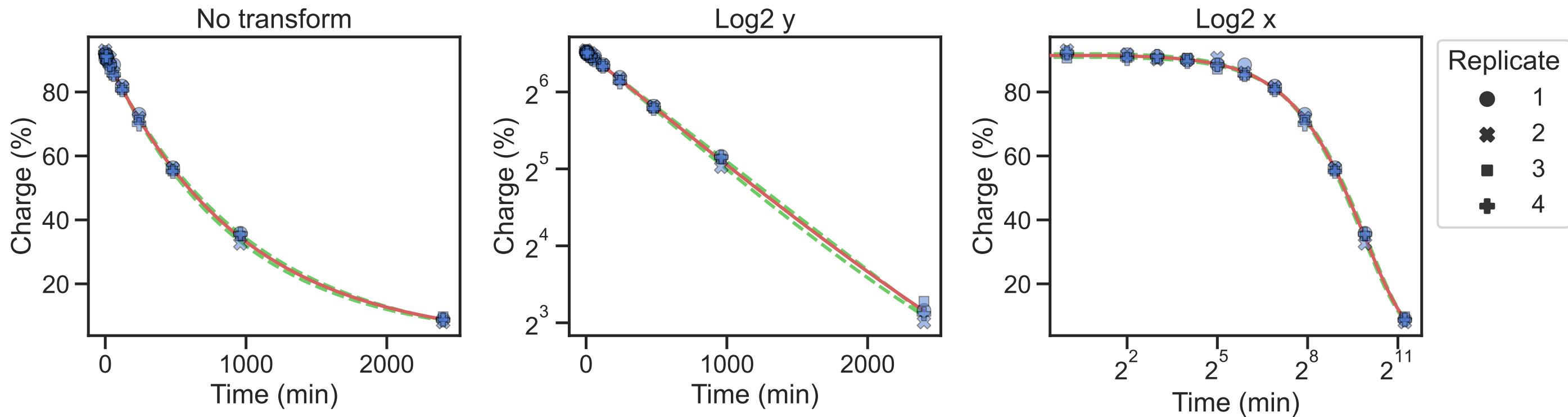
Gln-TTG-2-1 half-life=303min, 95% CI (277; 320)



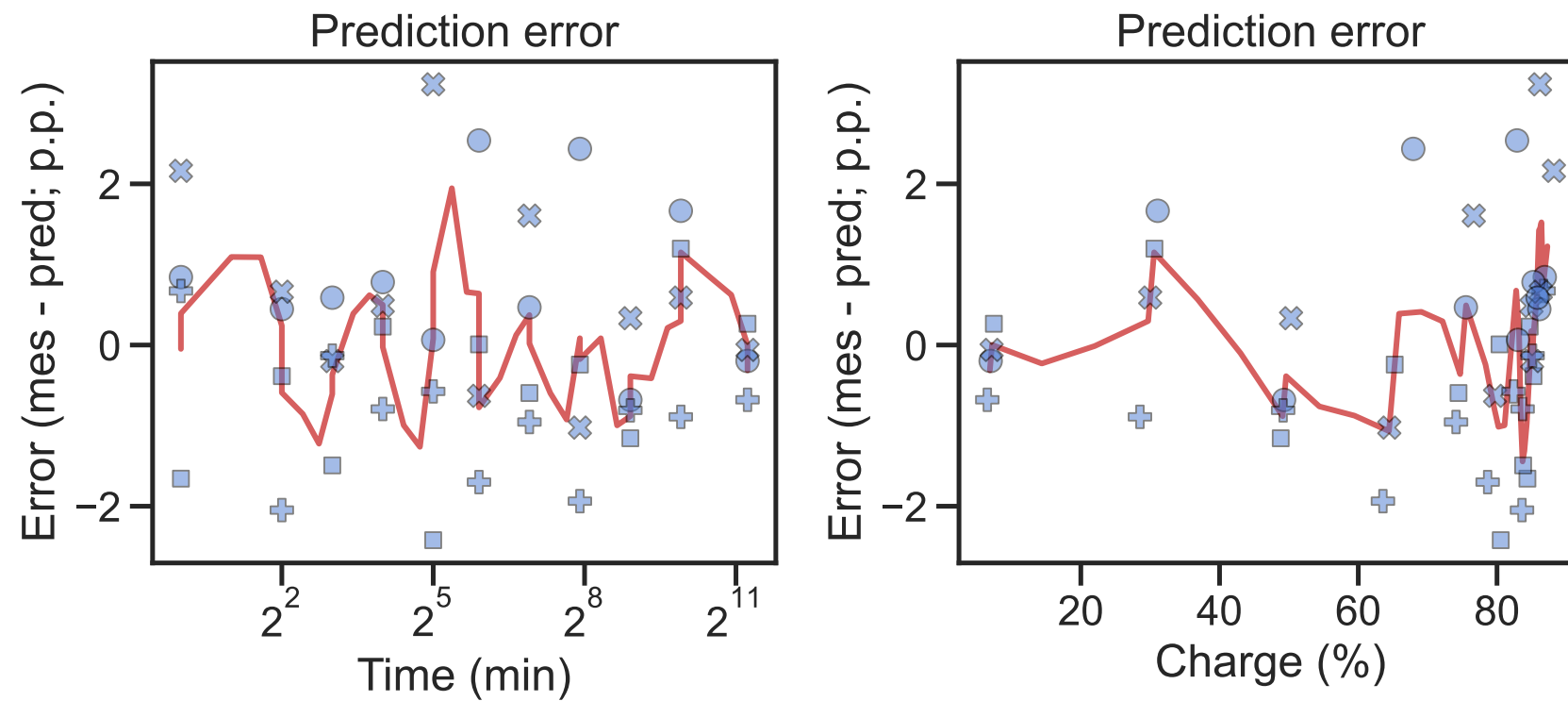
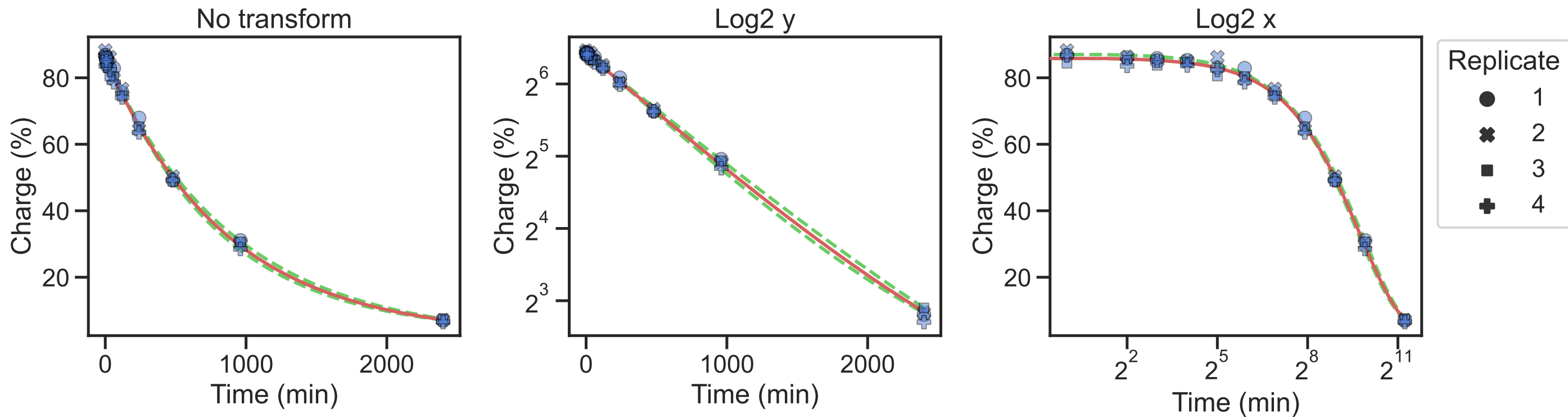
Gln-TTG-3-1 half-life=241 min, 95% CI (227; 258)



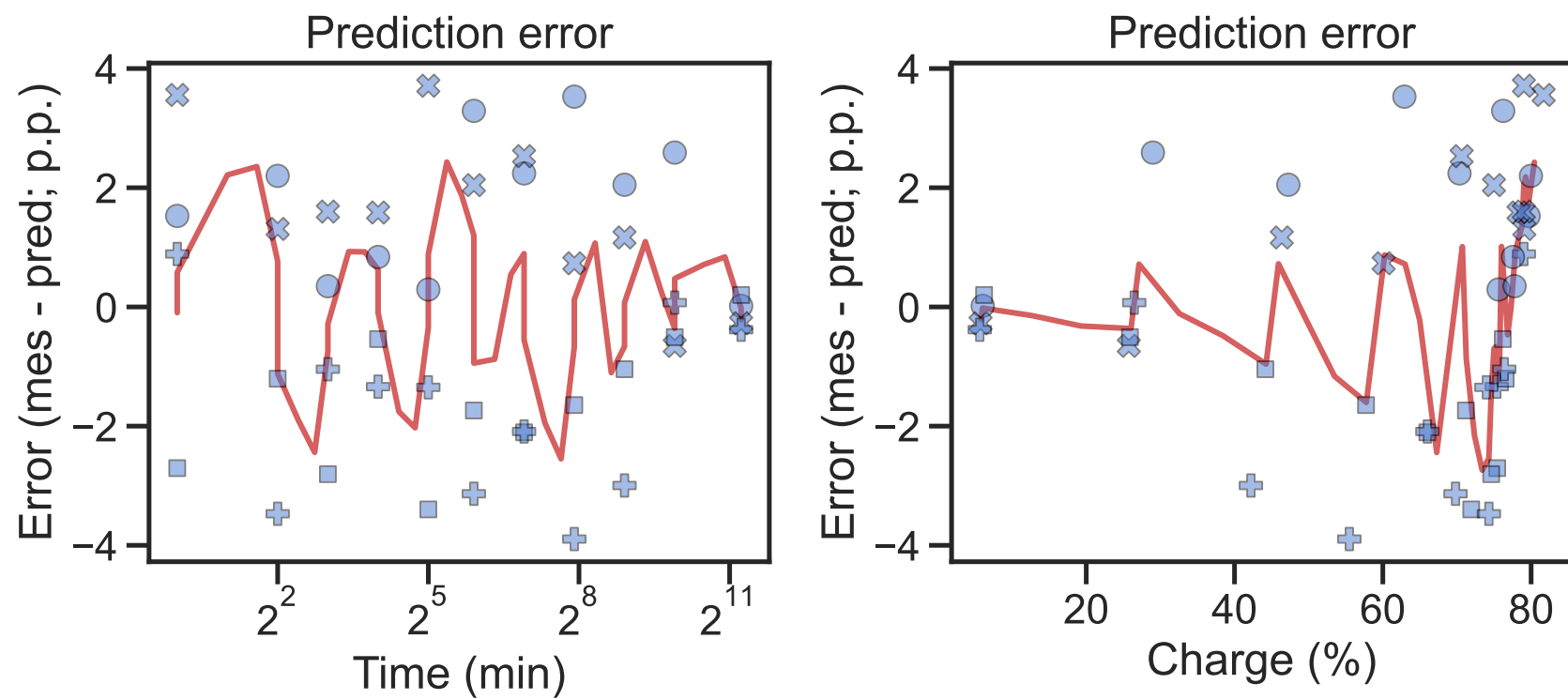
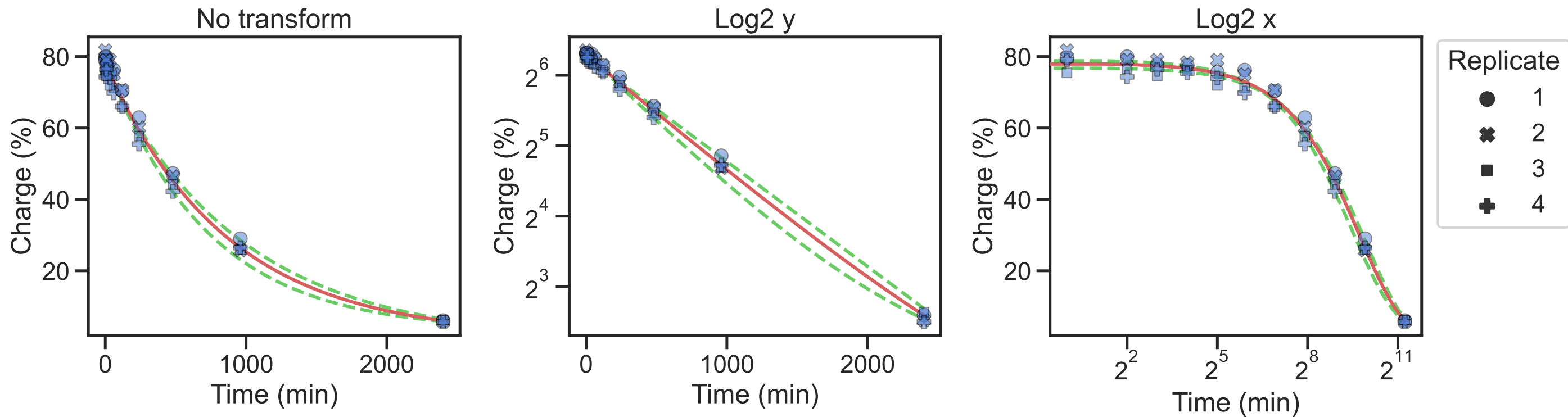
Glu-CTC-1-1 half-life=660min, 95% CI (623; 706)



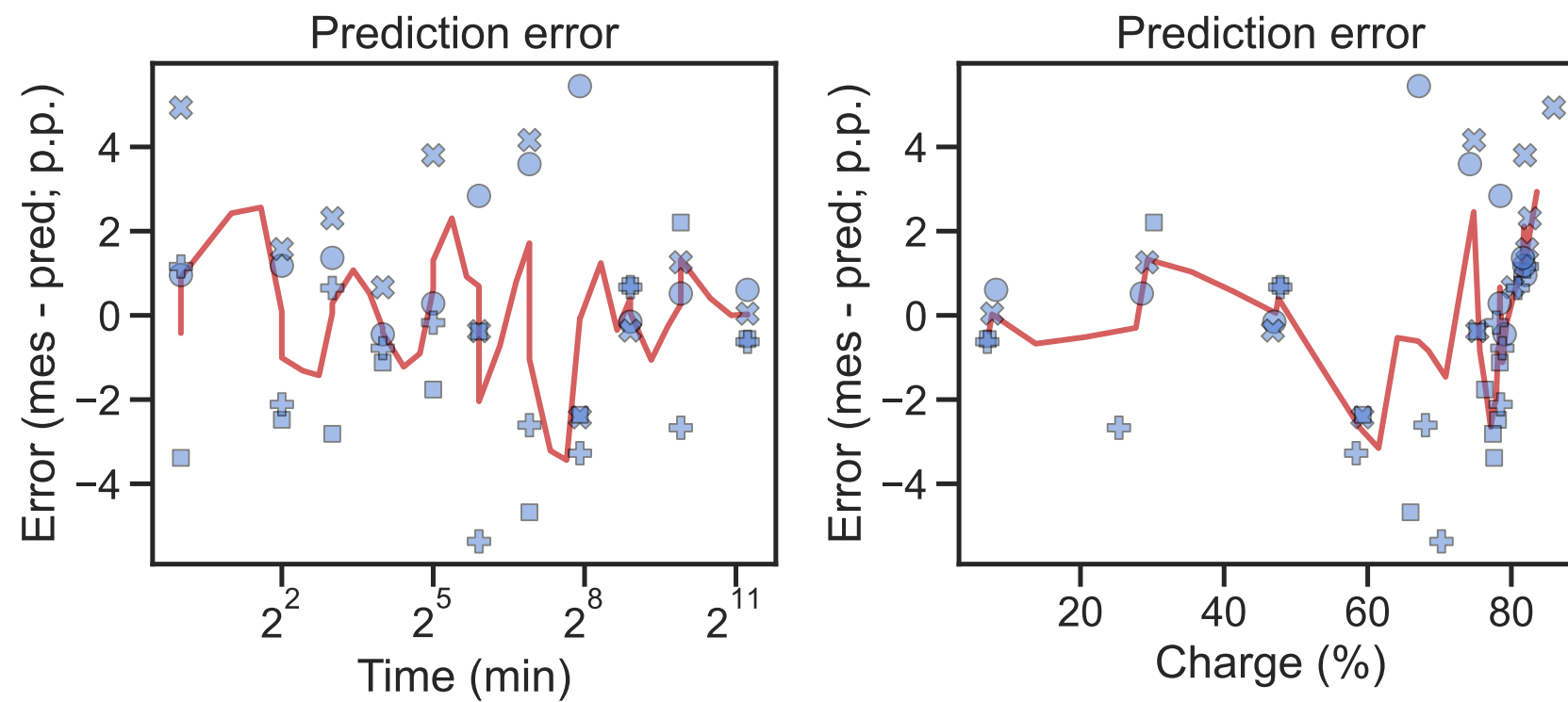
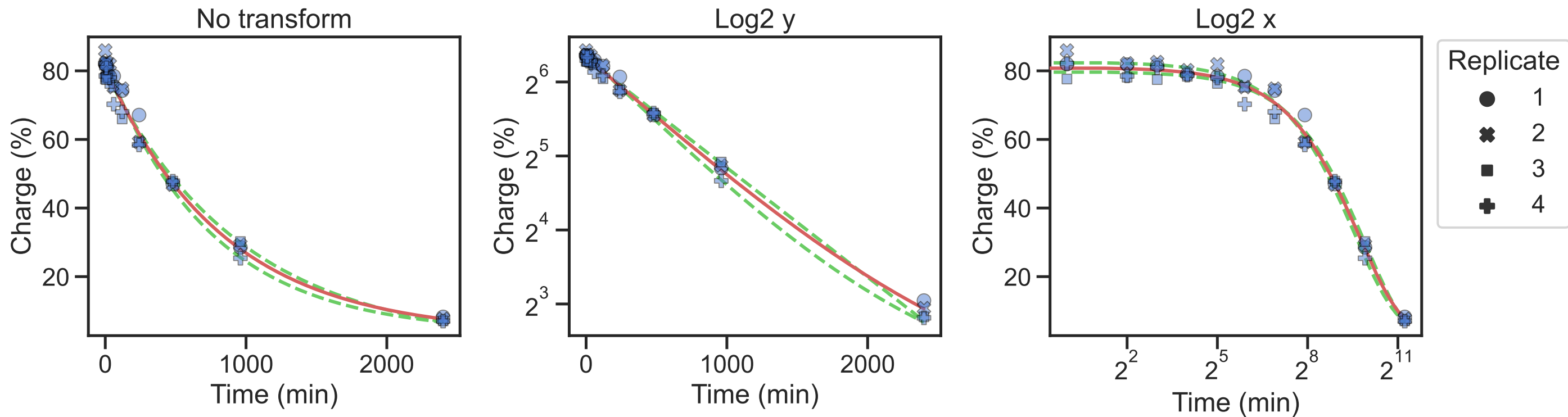
Glu-TTC-1-1 half-life=592 min, 95% CI (551; 630)



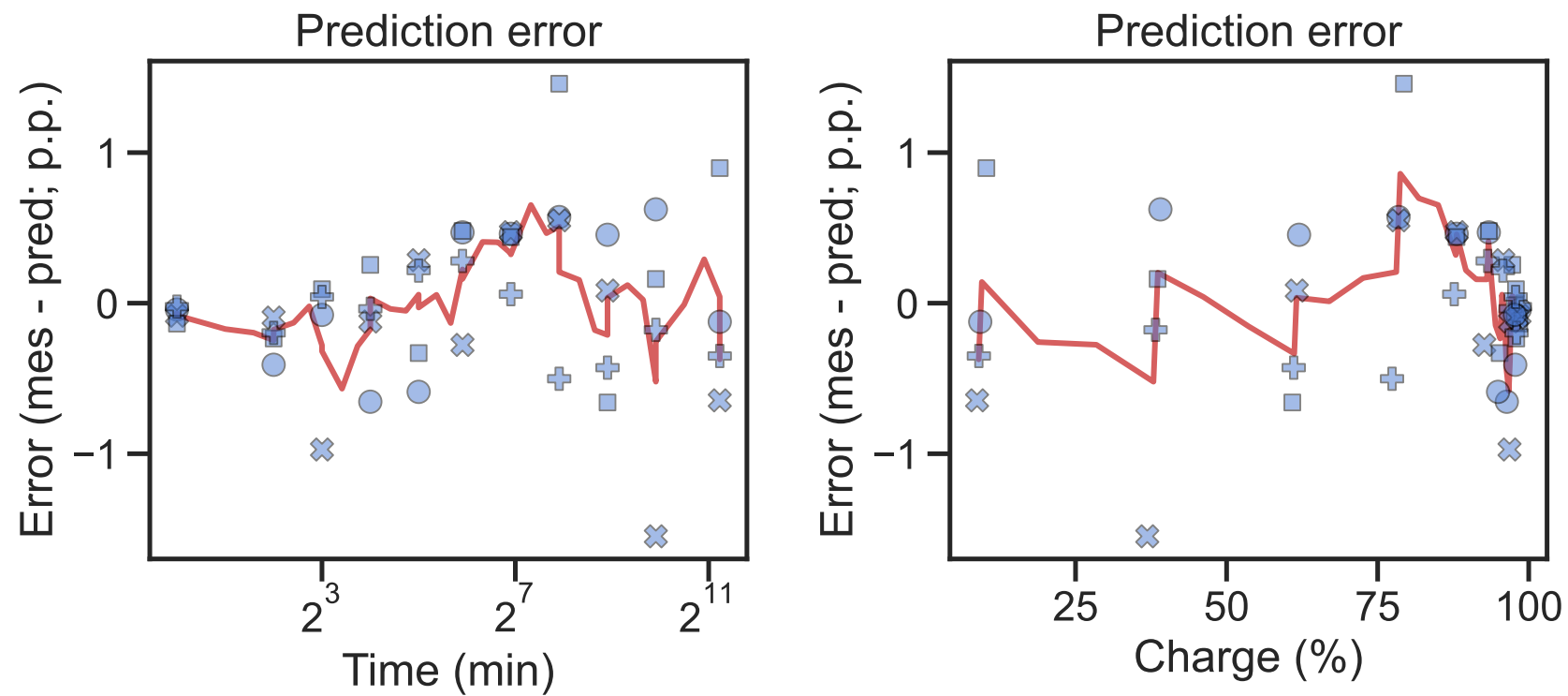
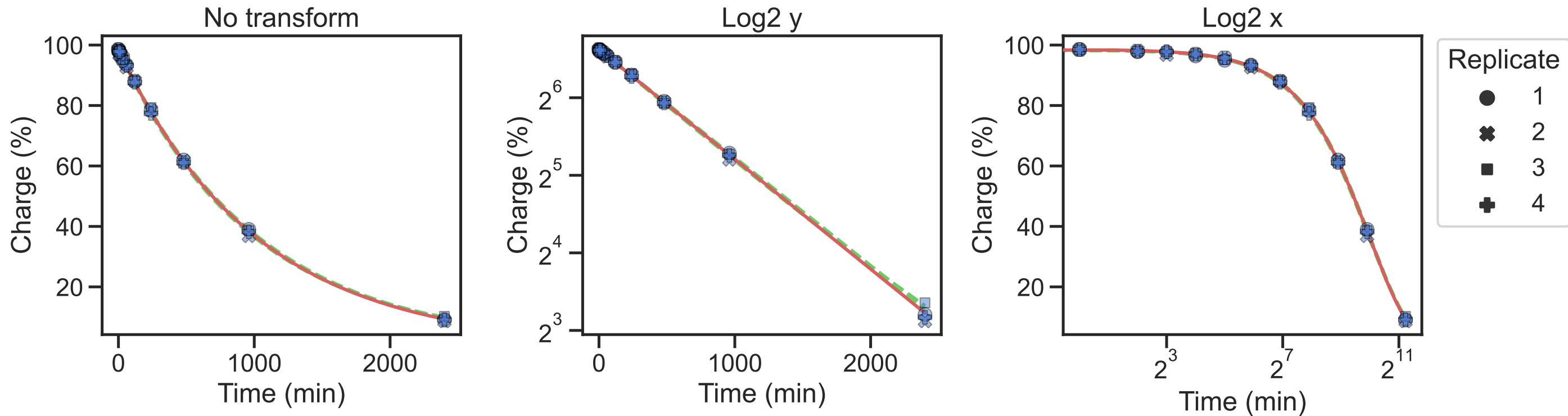
Glu-TTC-2-1 half-life=594 min, 95% CI (499; 671)



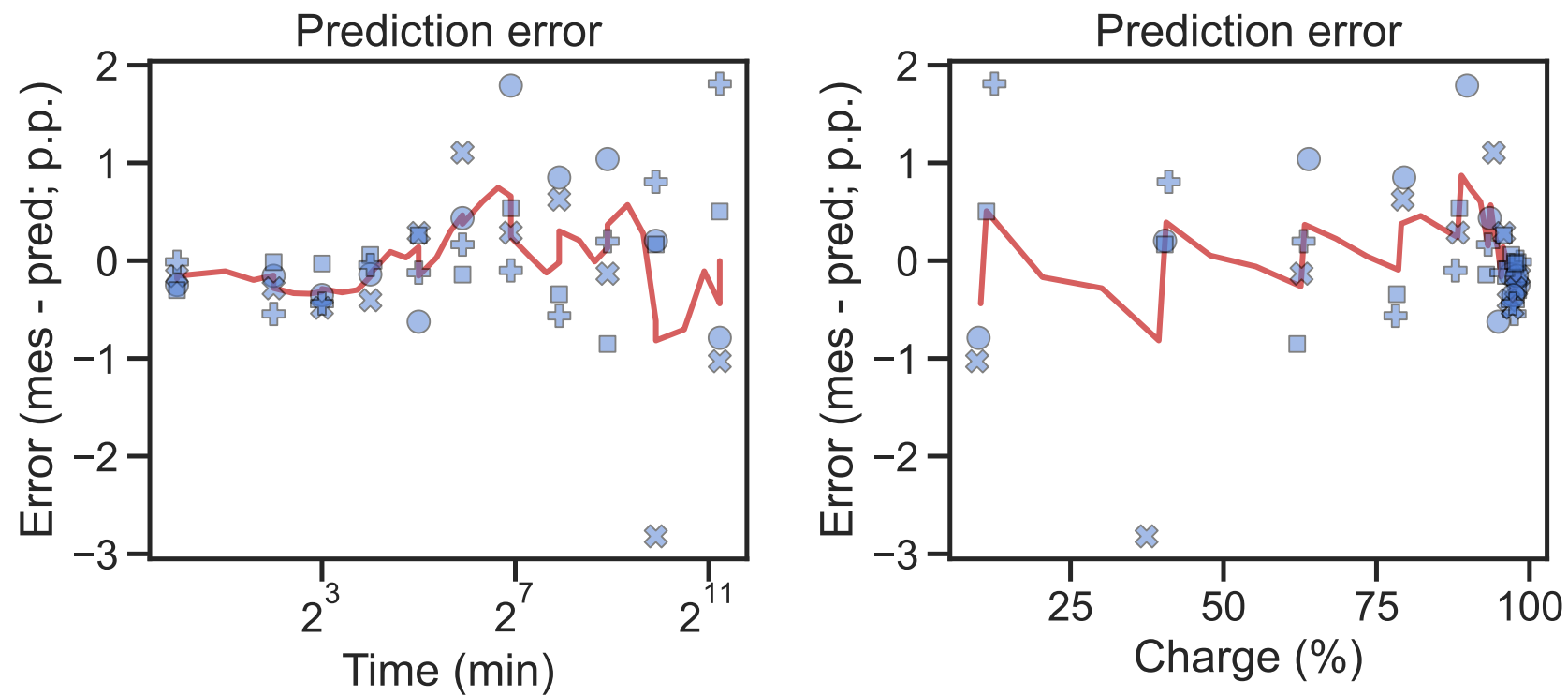
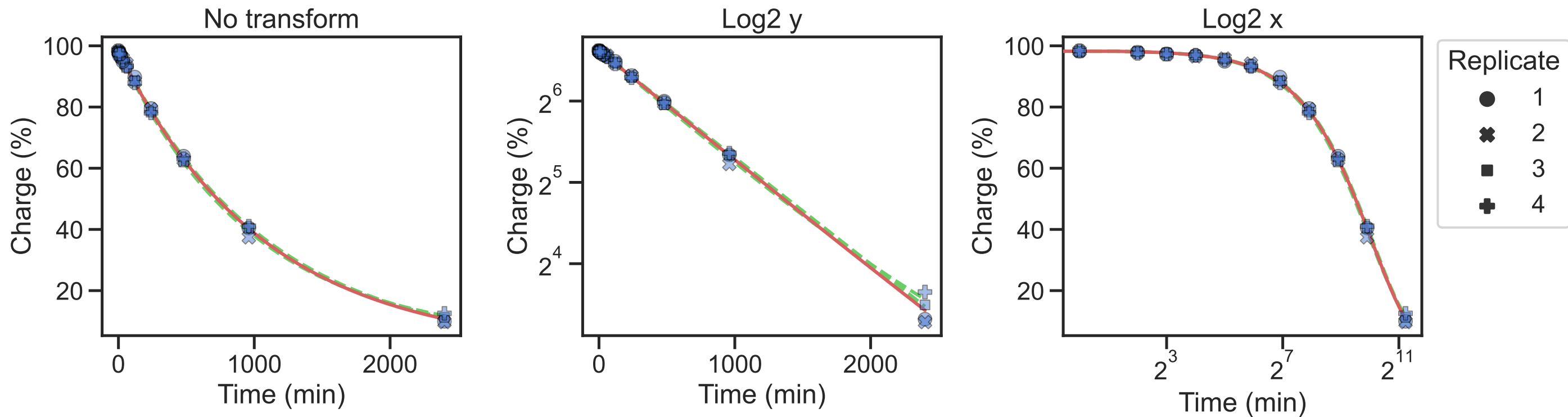
Glu-TTC-4-1 half-life=583 min, 95% CI (521; 677)



Gly-CCC-1-1 half-life=706 min, 95% CI (678; 718)

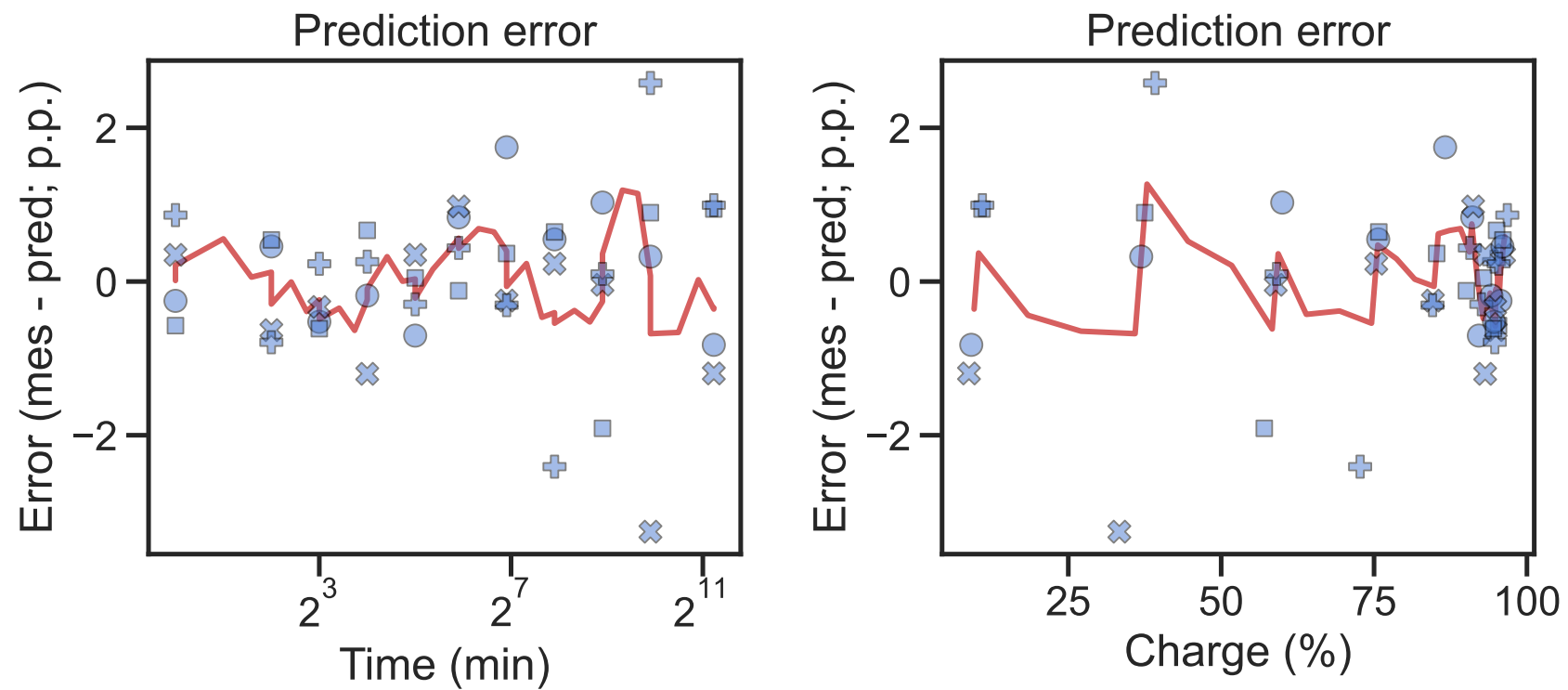
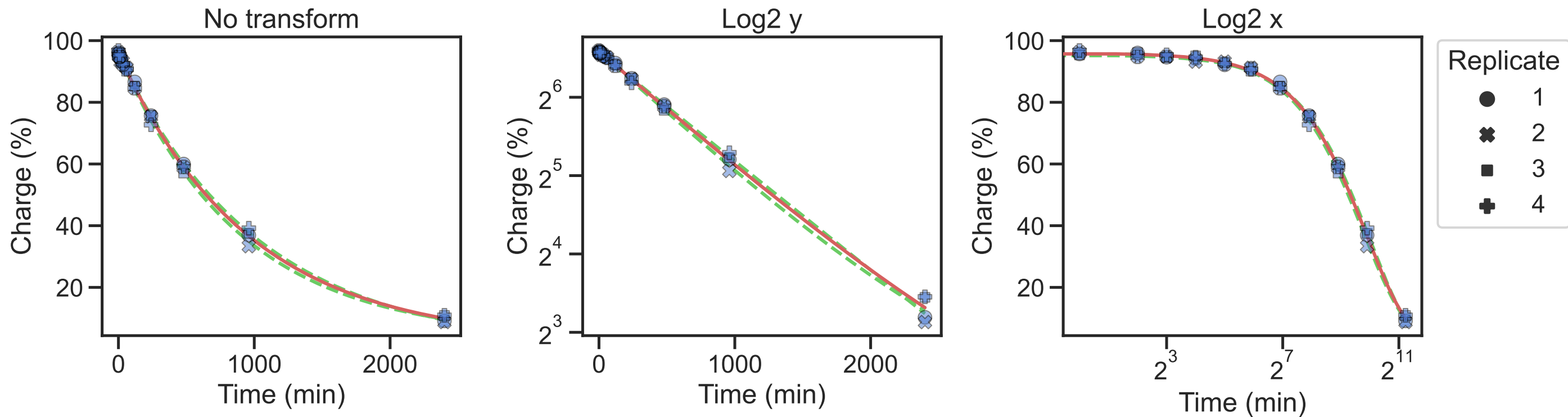


Gly-CCC-2-1 half-life=738min, 95% CI (683; 758)

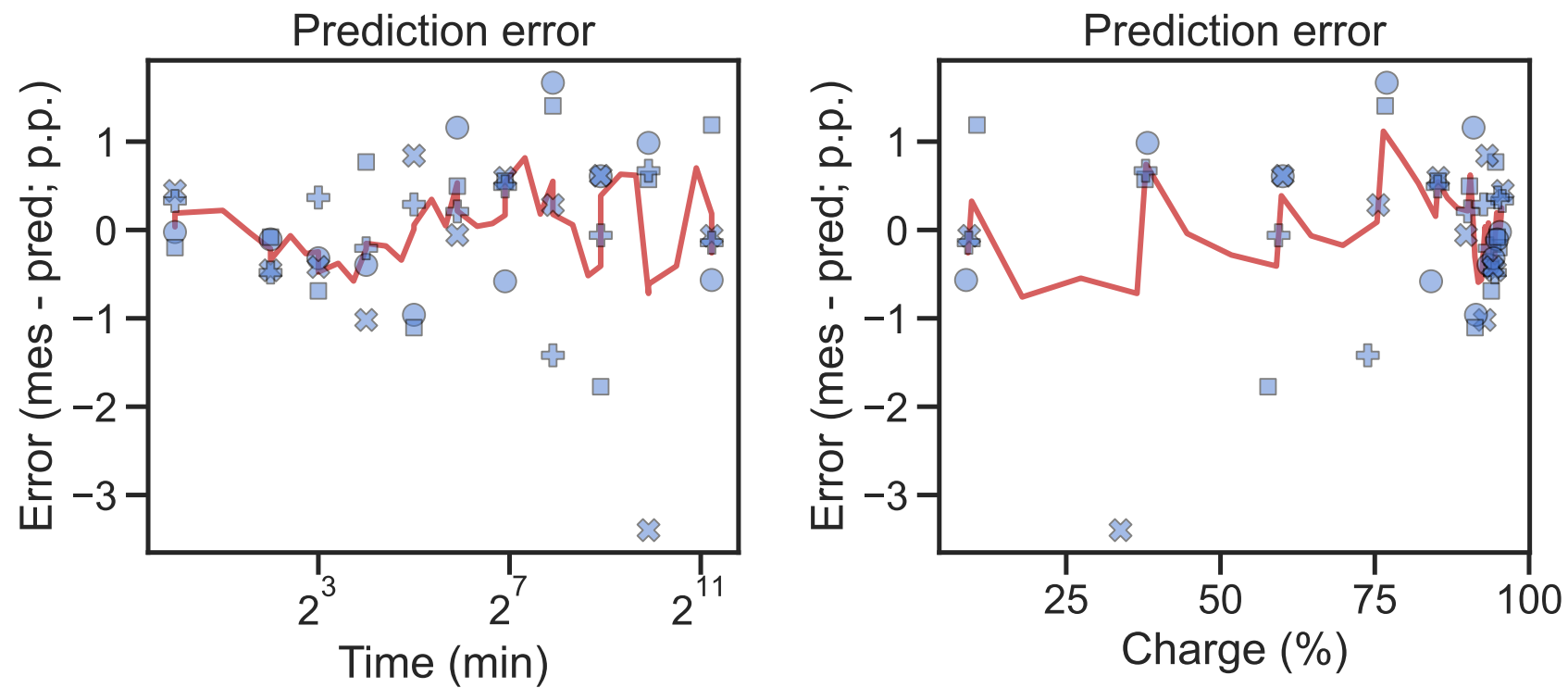
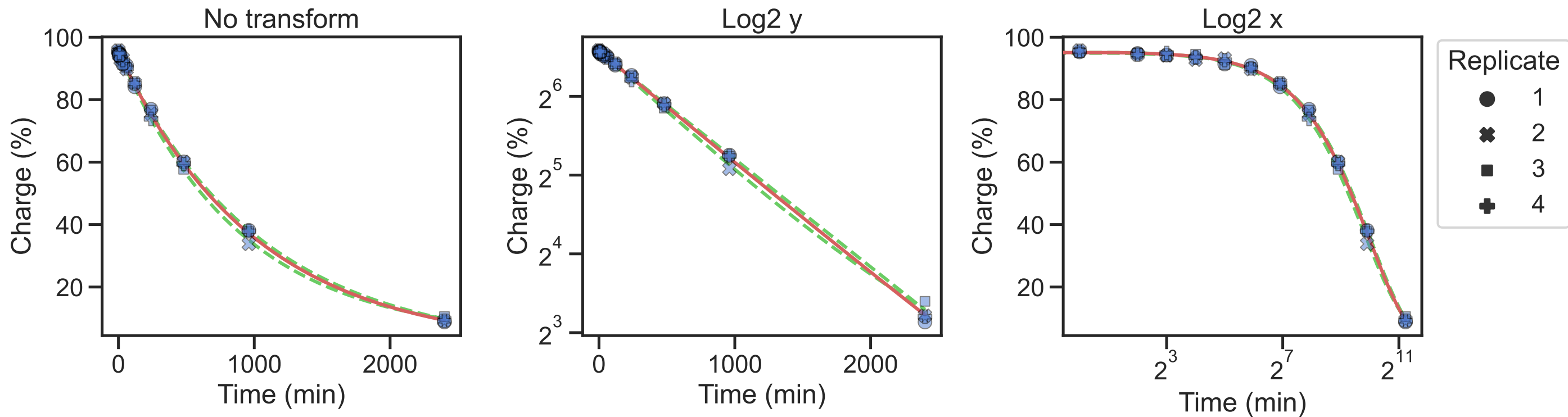




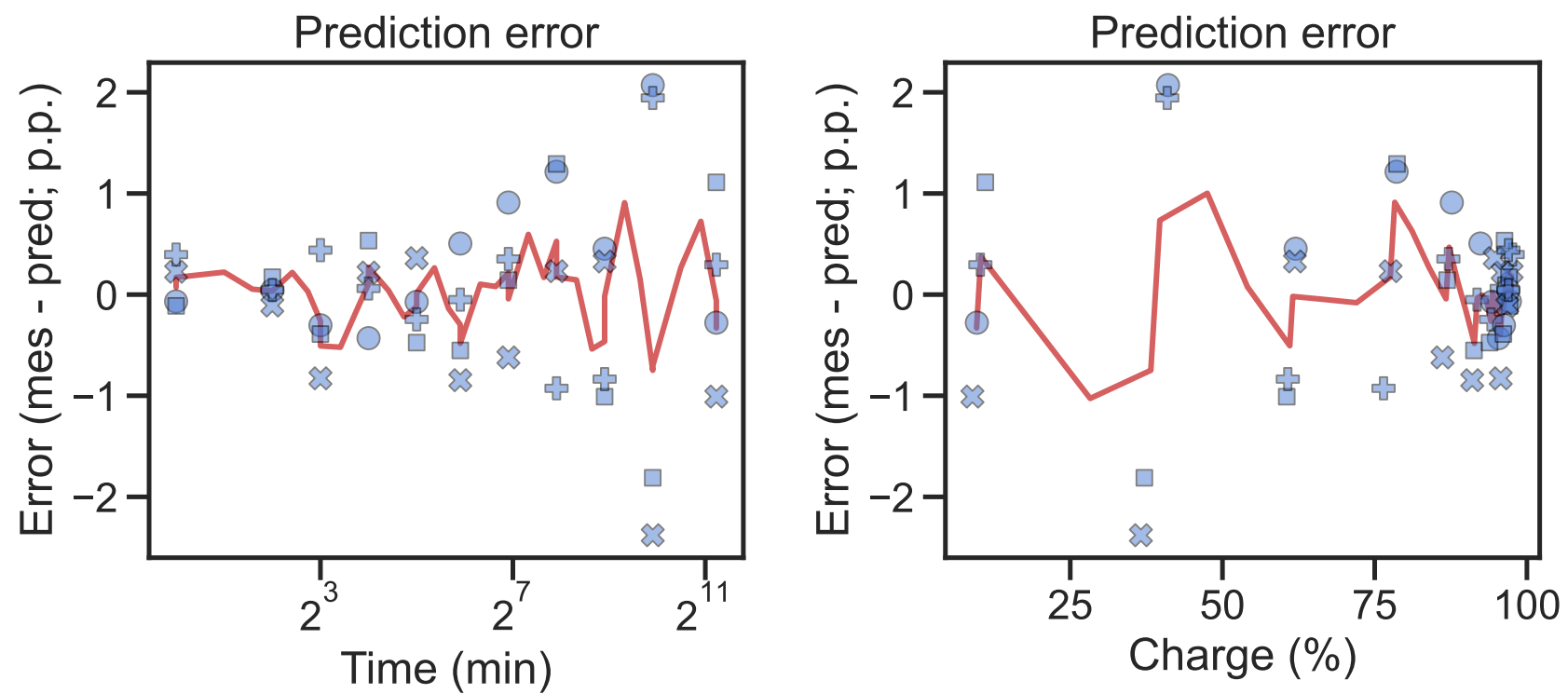
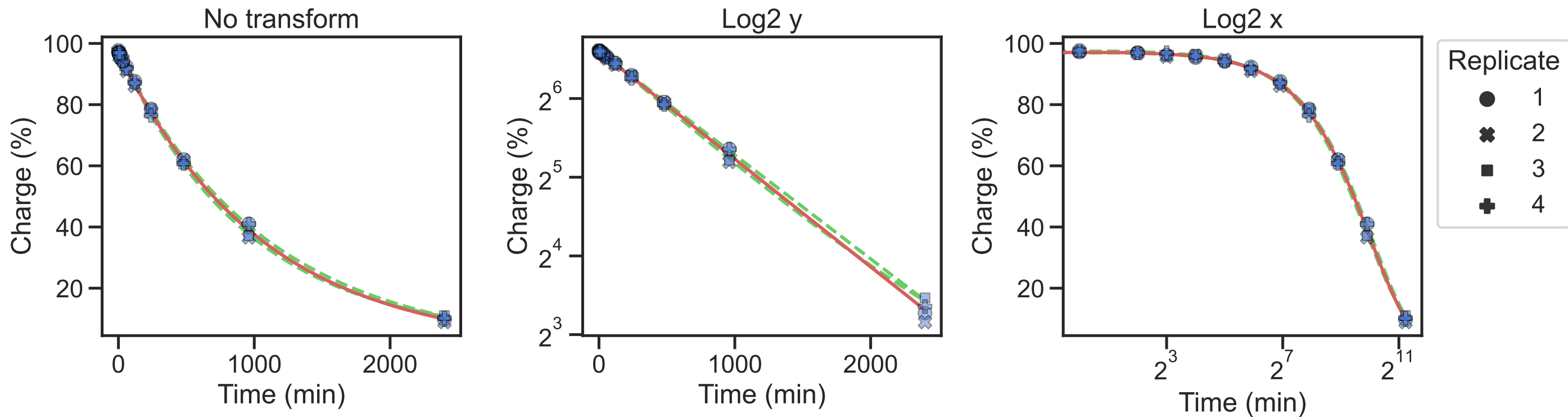
Gly-GCC-1-1 half-life=662 min, 95% CI (616; 719)



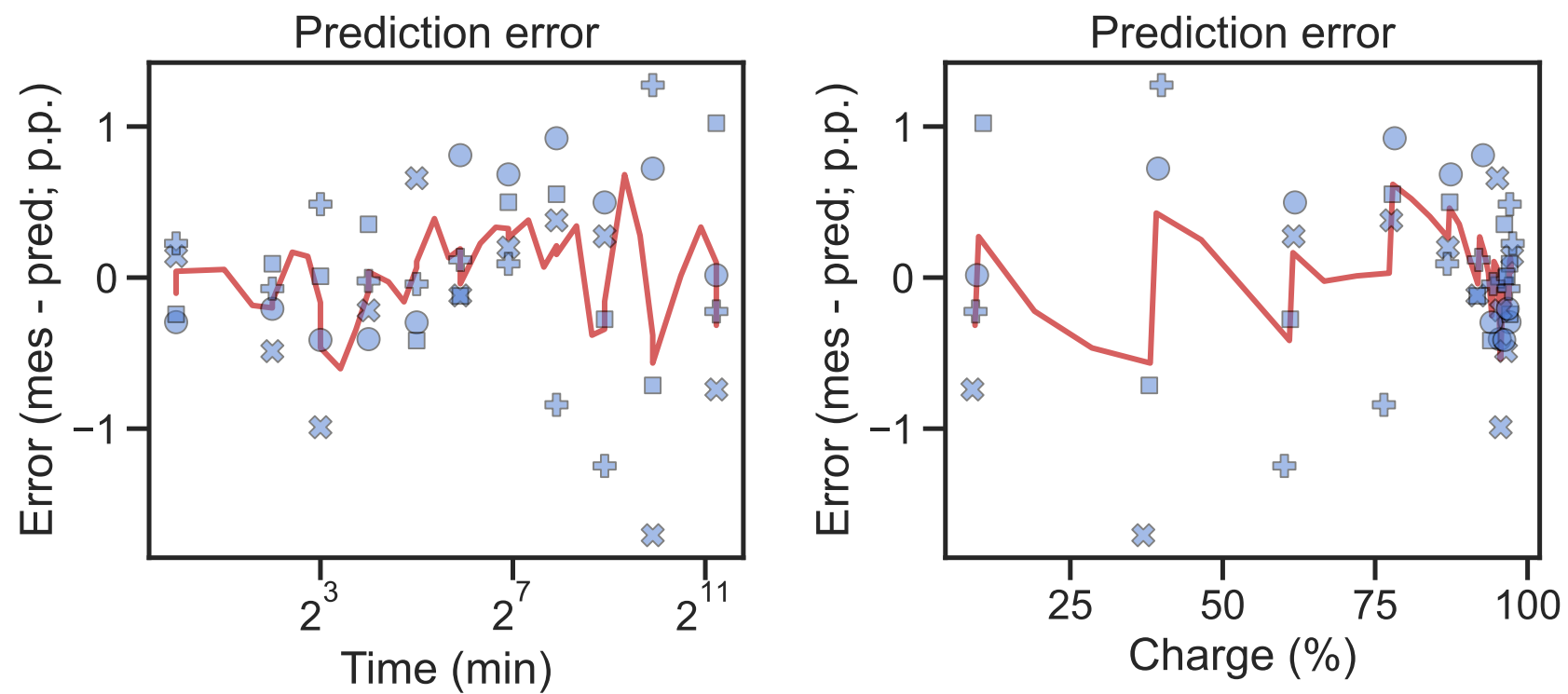
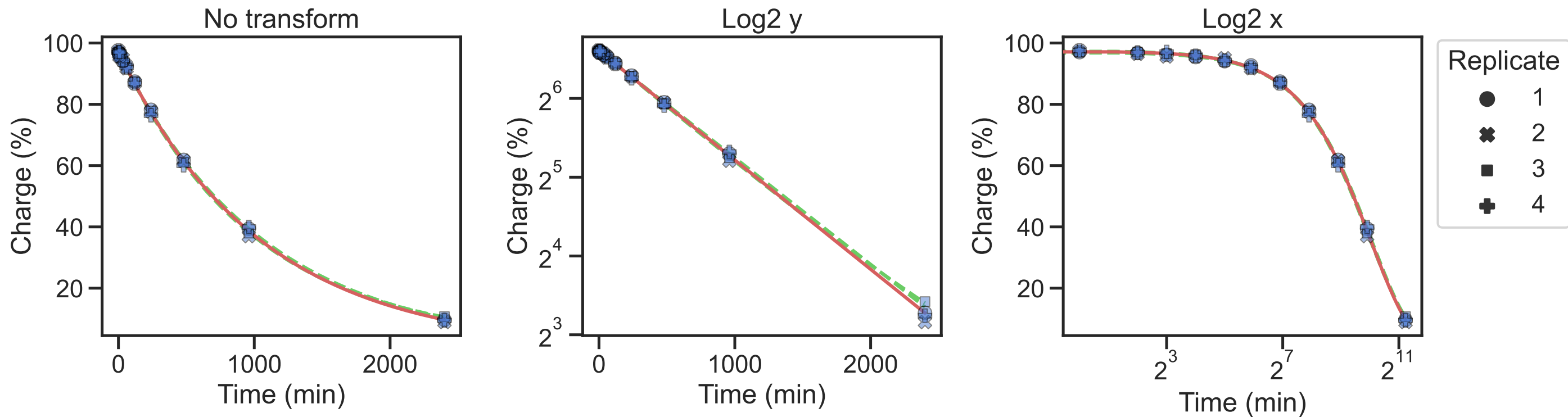
Gly-GCC-2-1 half-life=701min, 95% CI (622; 731)

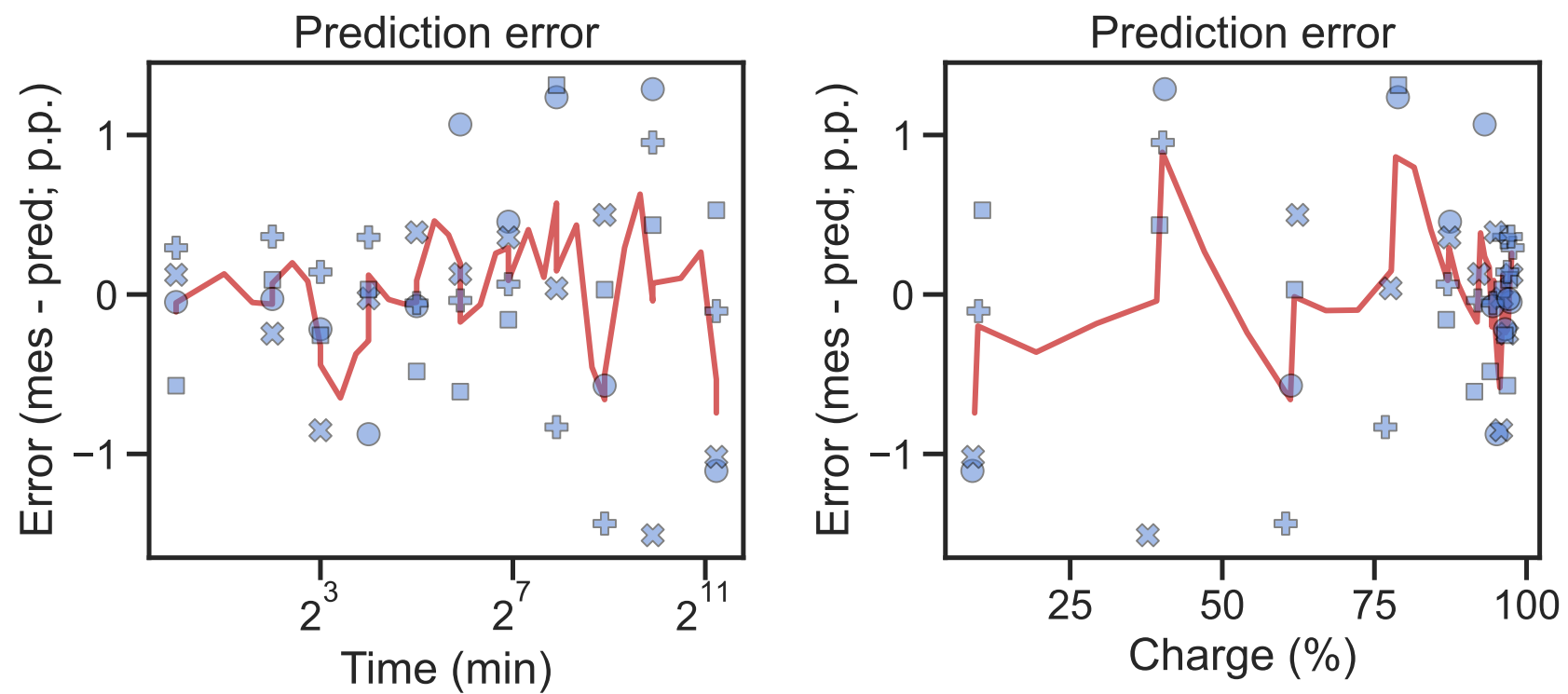
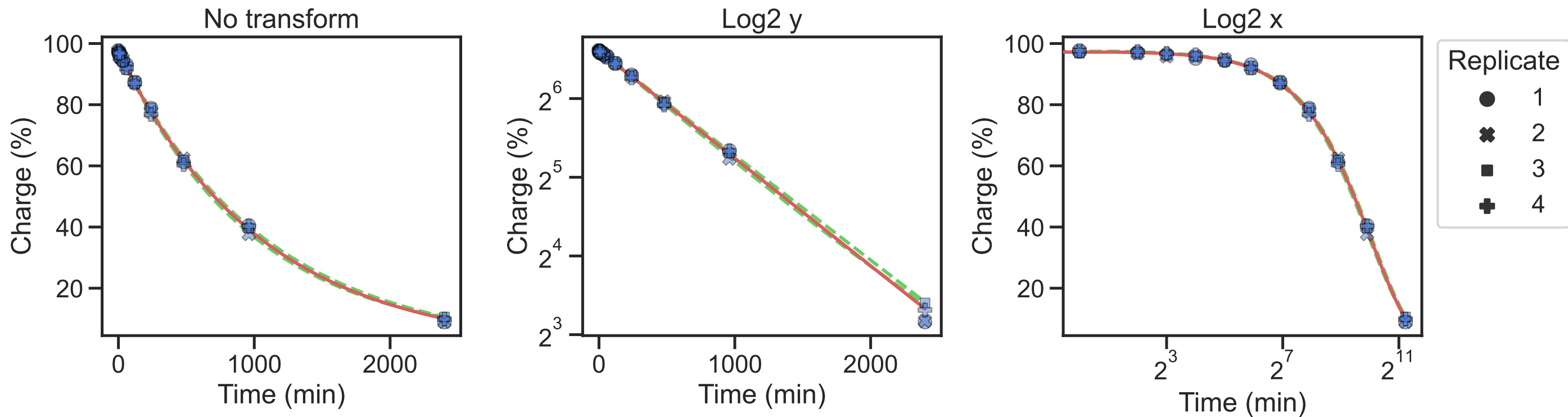


Gly-TCC-1-1 half-life=726min, 95% CI (660; 758)

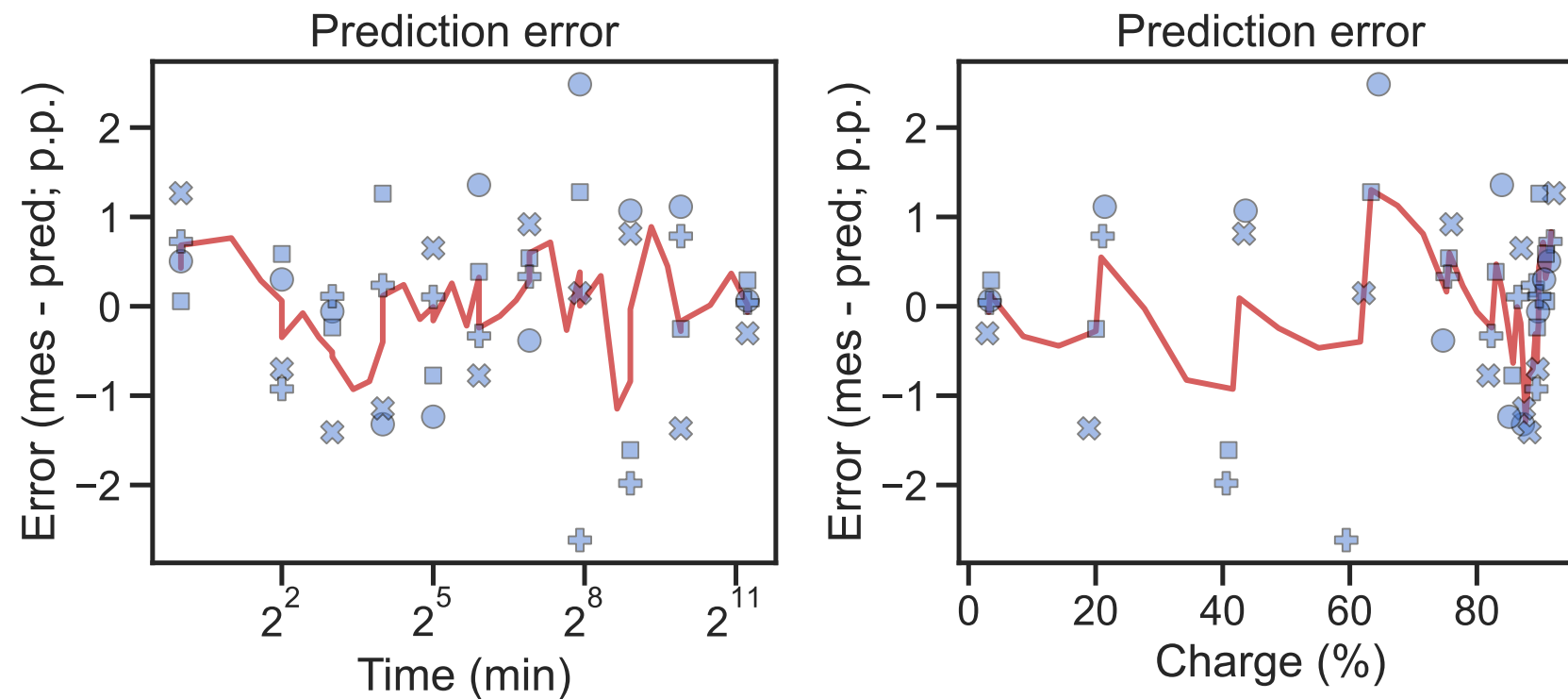
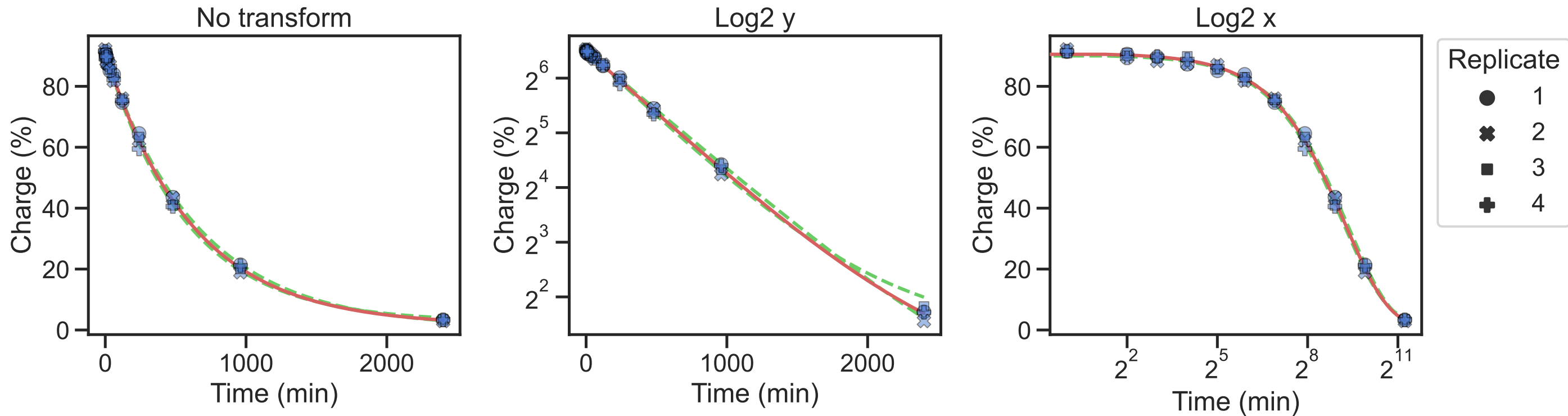


Gly-TCC-2-1 half-life=721 min, 95% CI (684; 739)

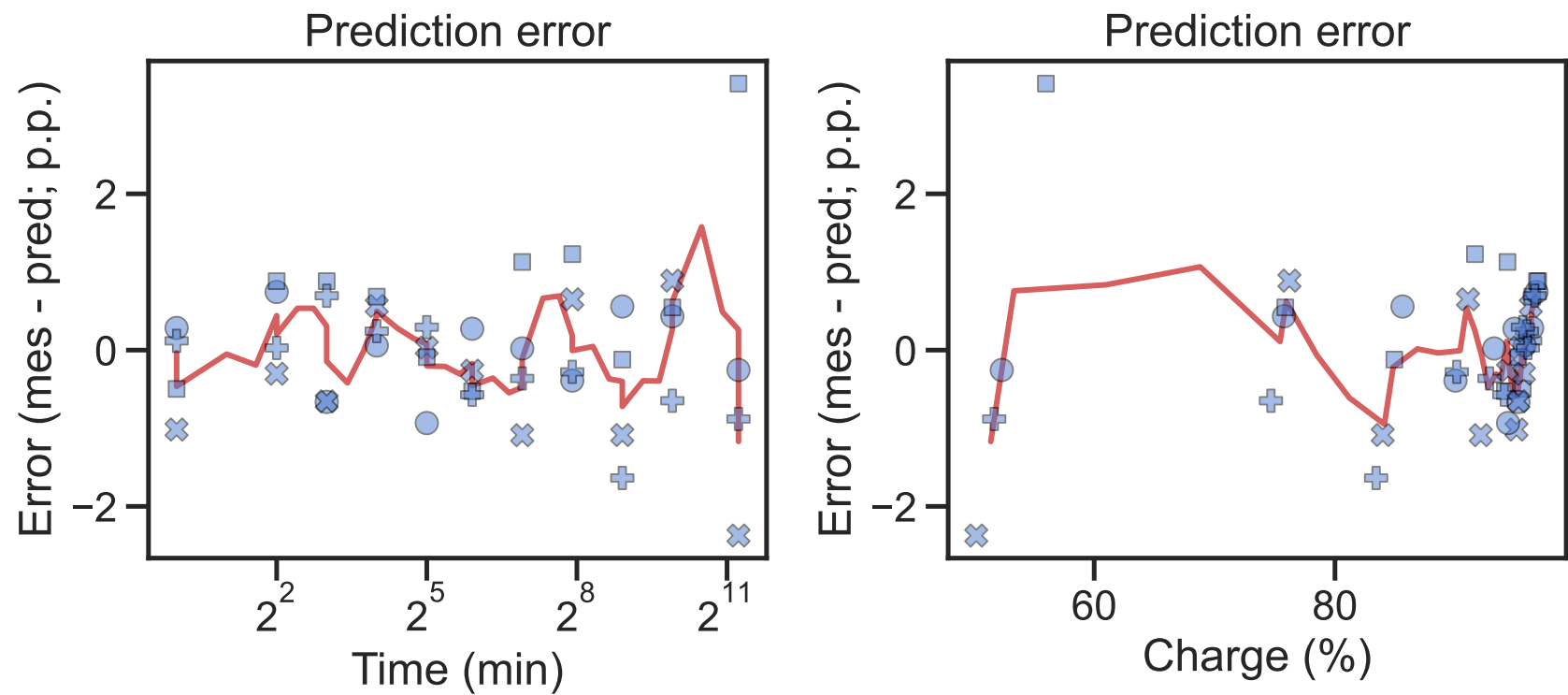
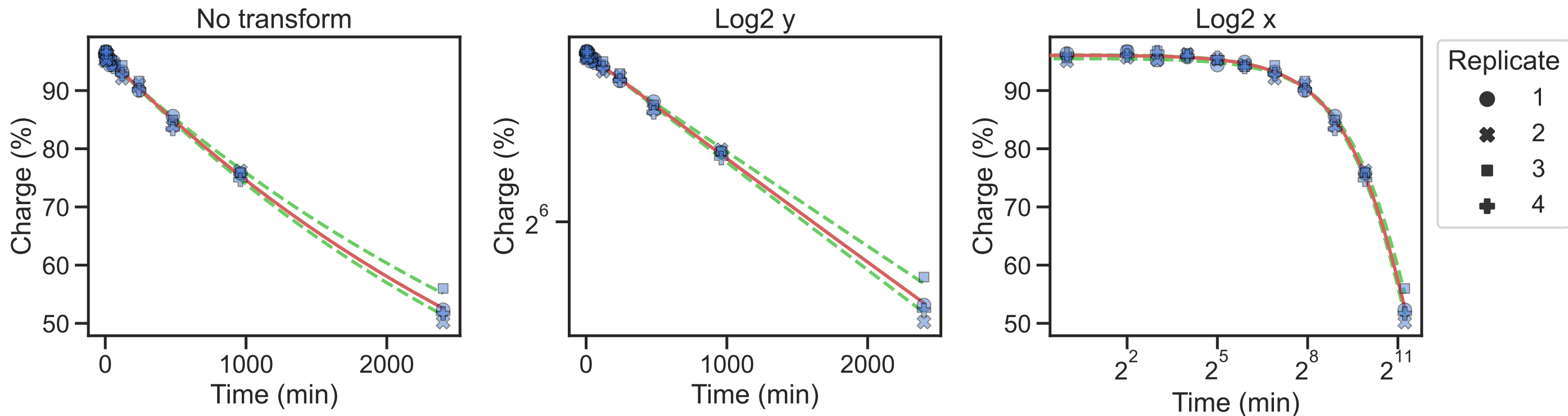




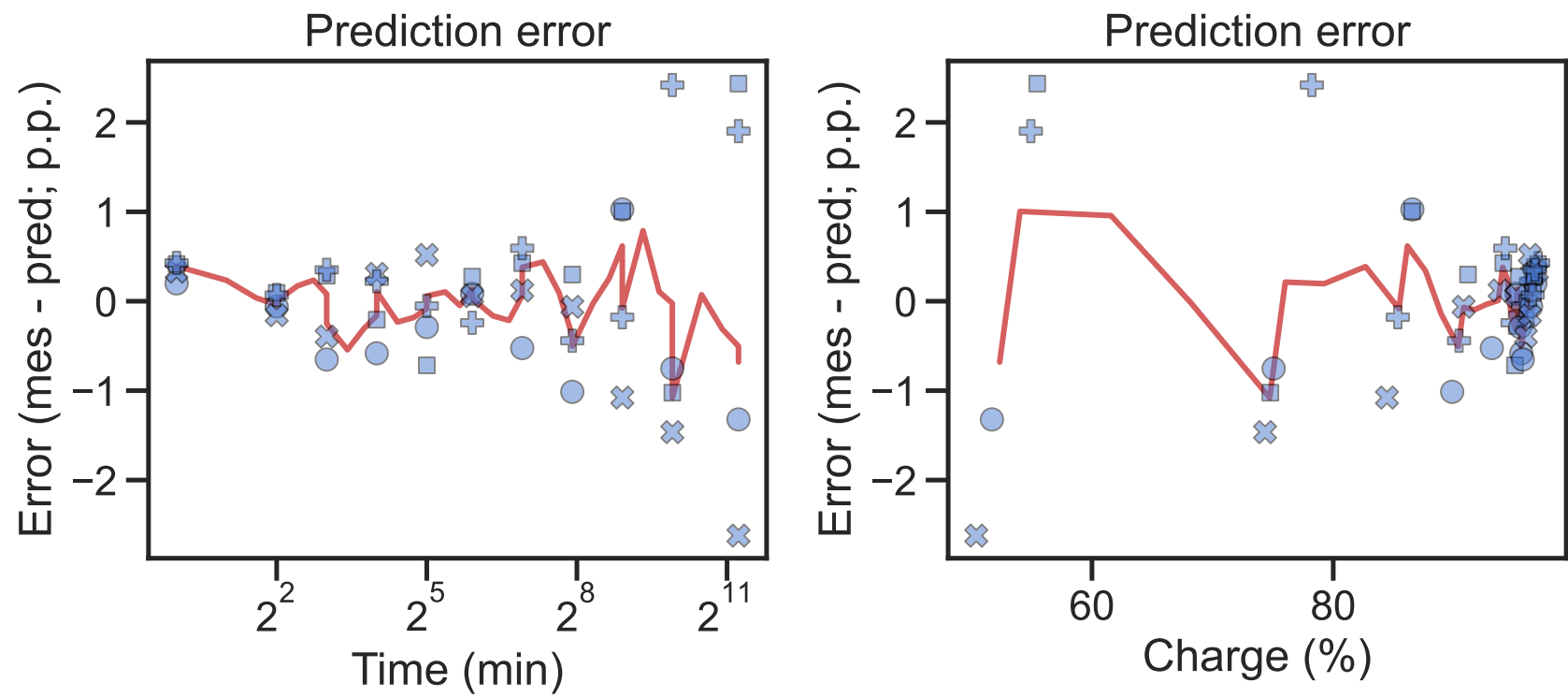
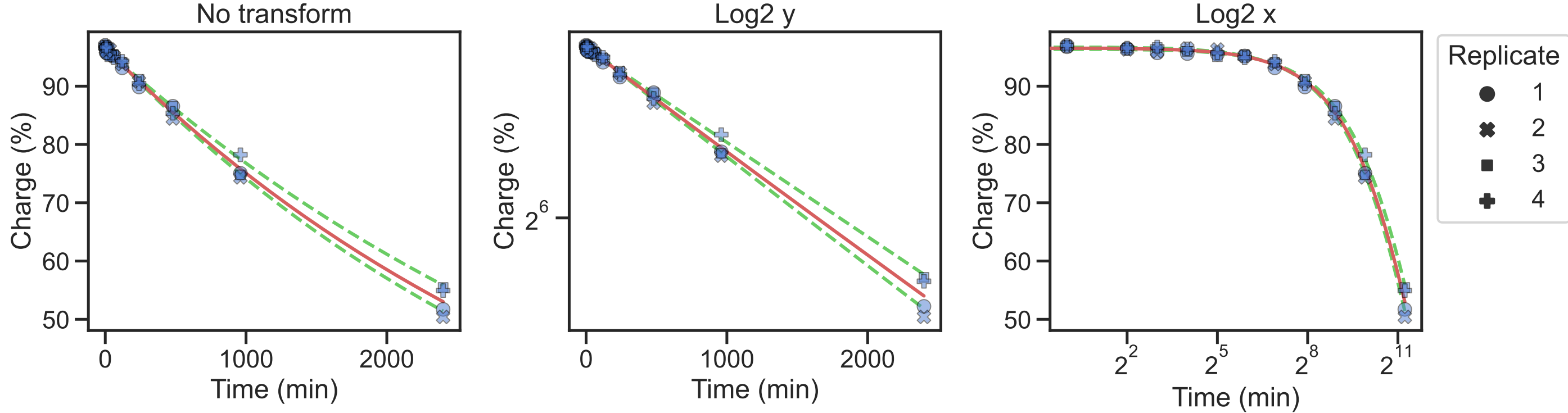
His-GTG-1-1 half-life=428min, 95% CI (404; 457)



Ile-AAT-2-1 half-life=2620 min, 95% CI (2520; 2877)

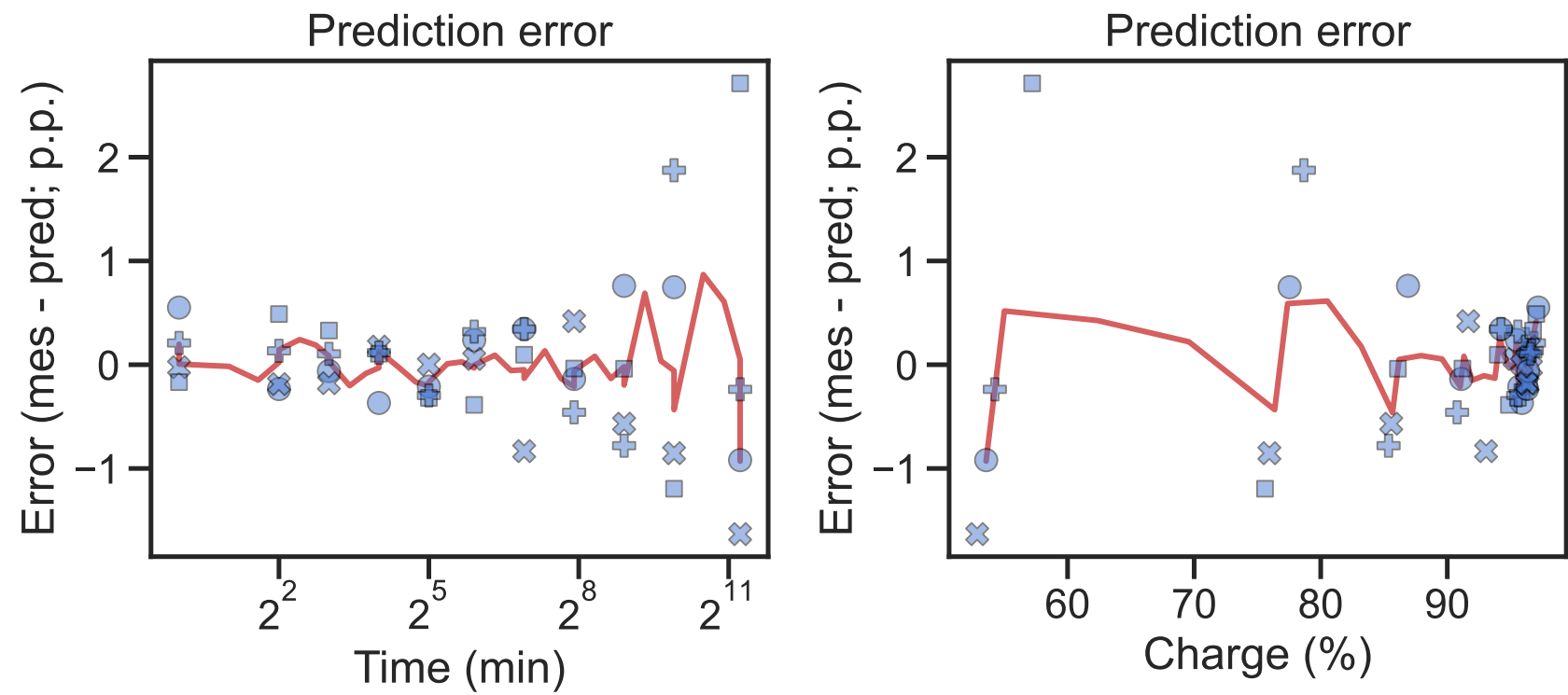
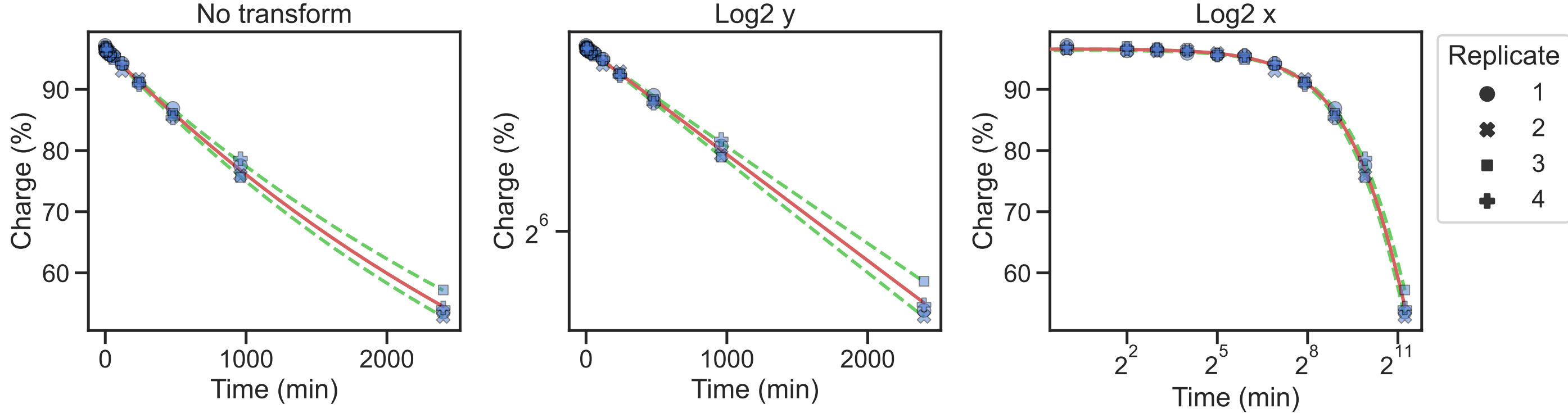


Ile-AAT-4-1 half-life=2638 min, 95% CI (2499; 3049)

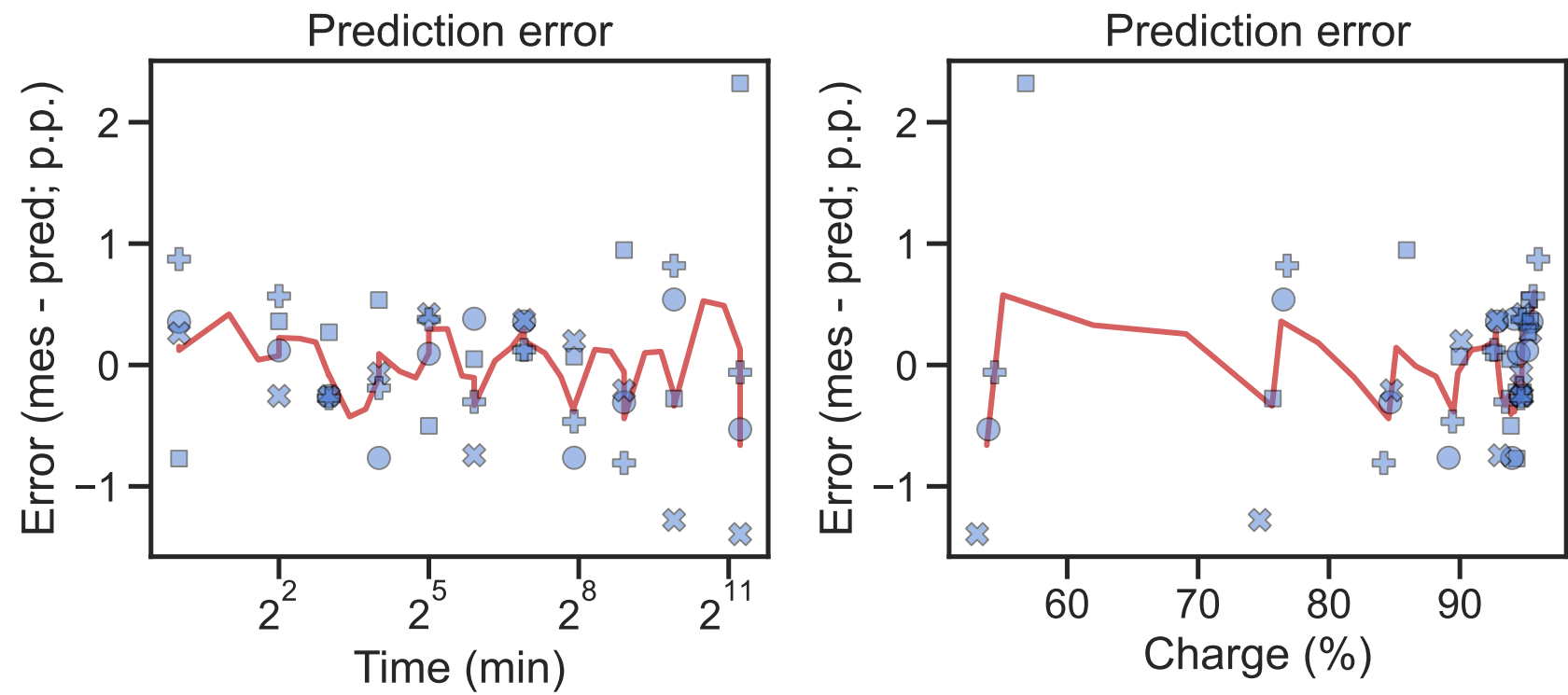
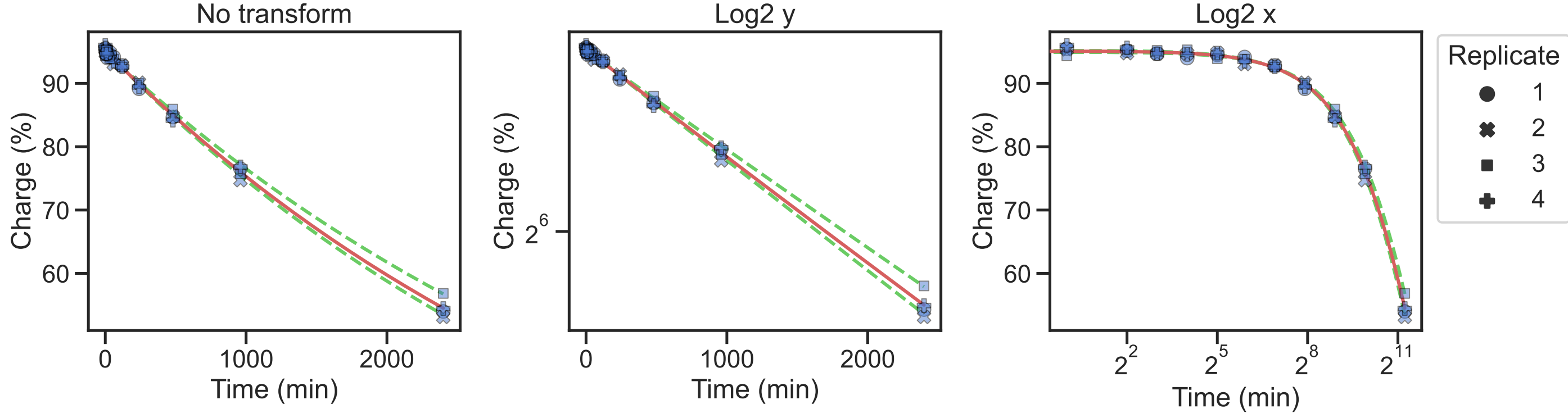




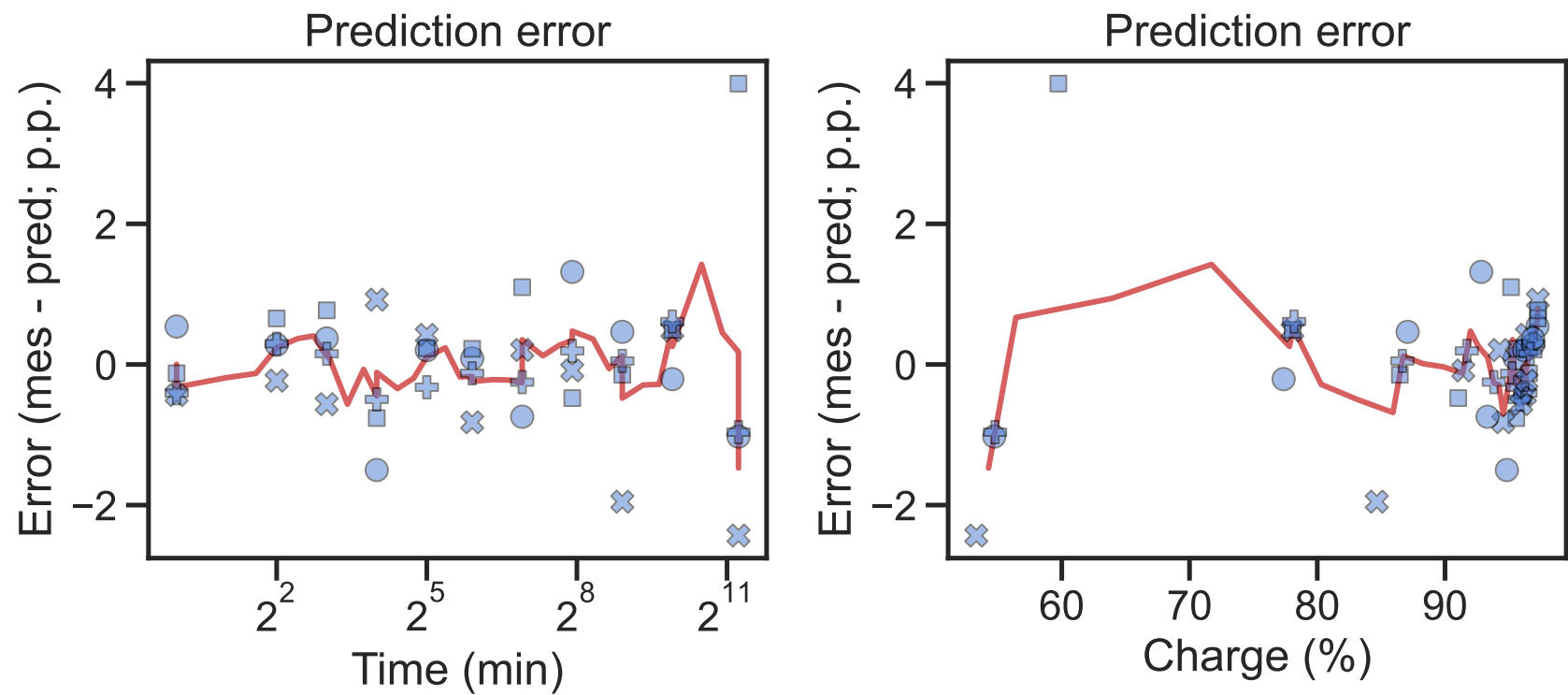
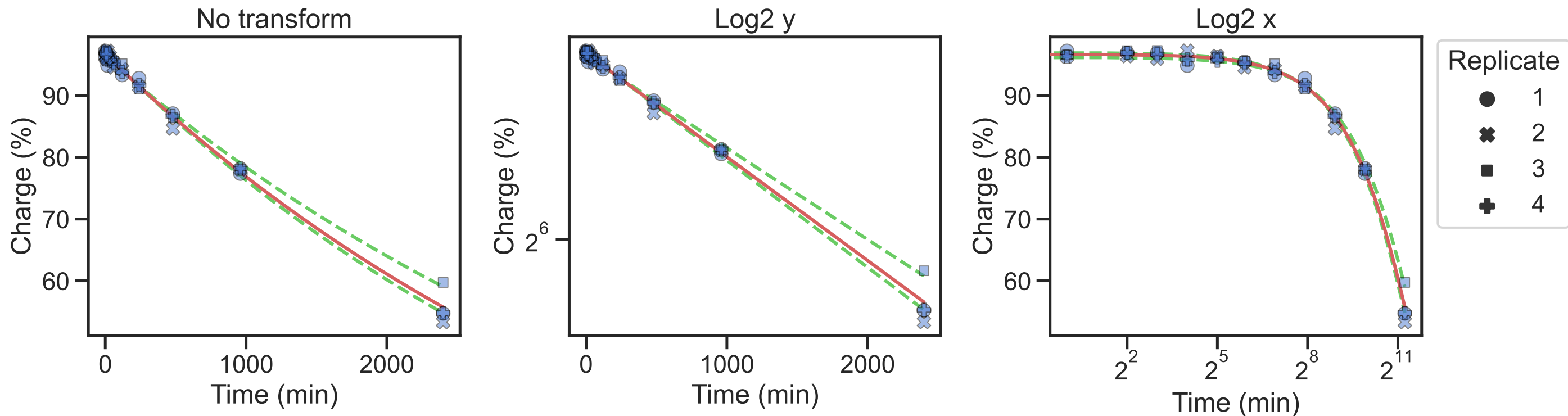
Ile-AAT-5-1 half-life=2857 min, 95% CI (2614; 3026)



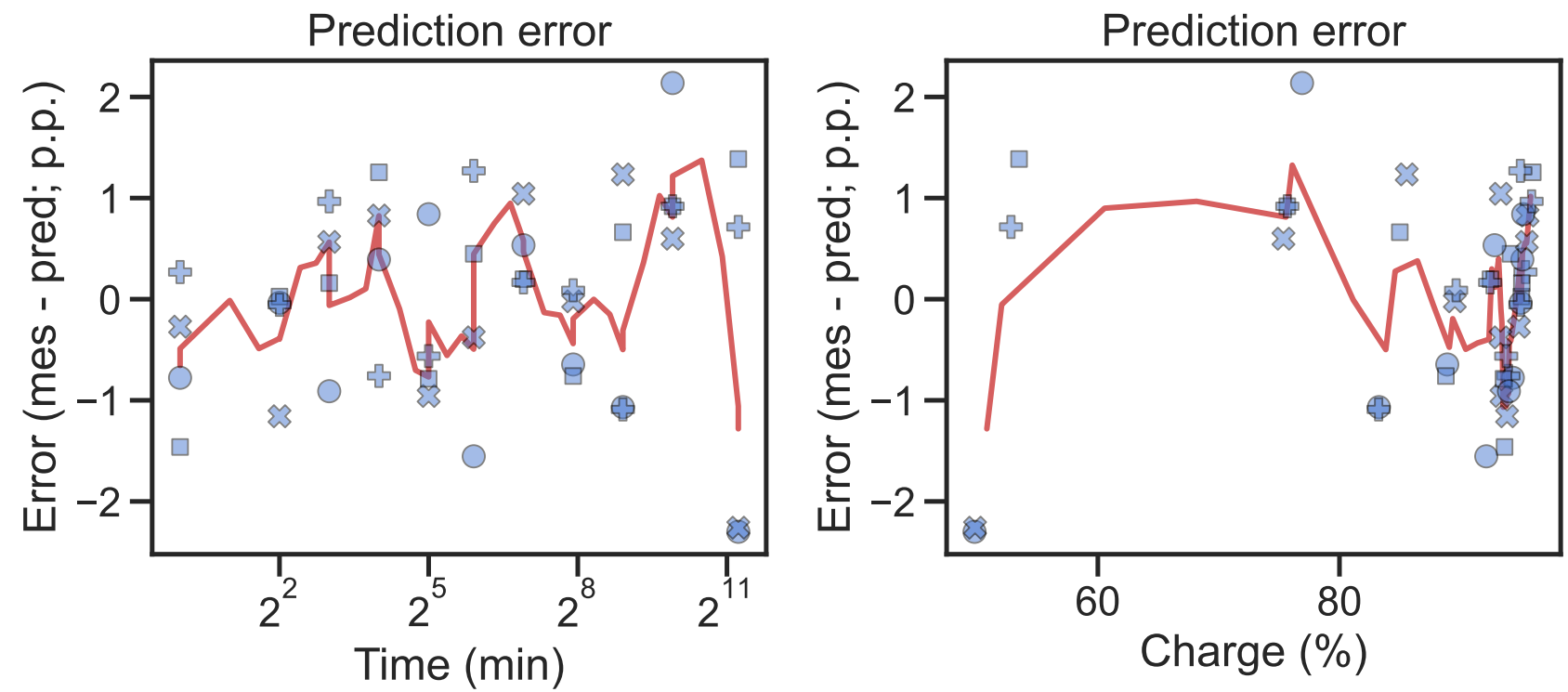
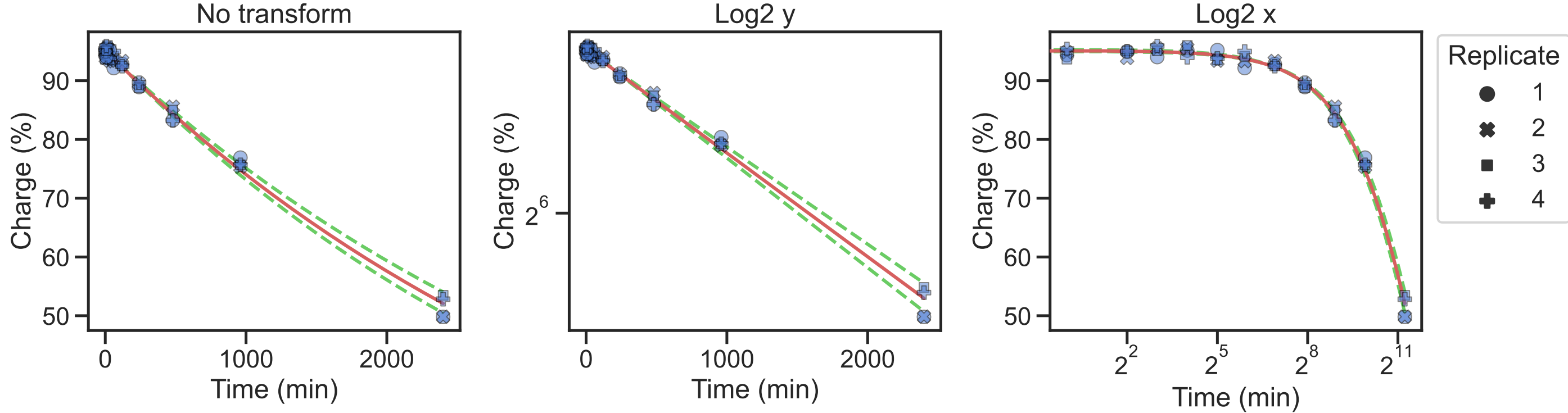
Ile-AAT-6-1 half-life=2841 min, 95% CI (2738; 3076)



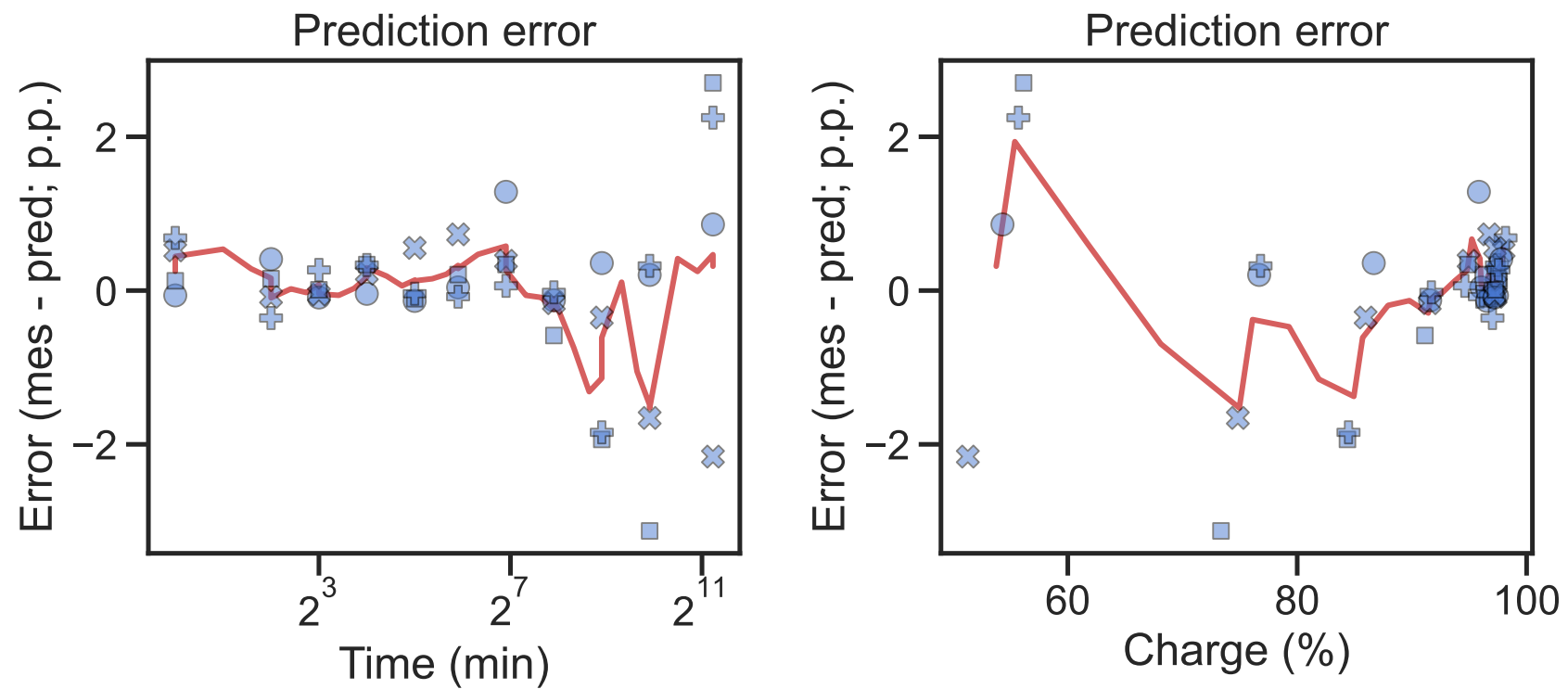
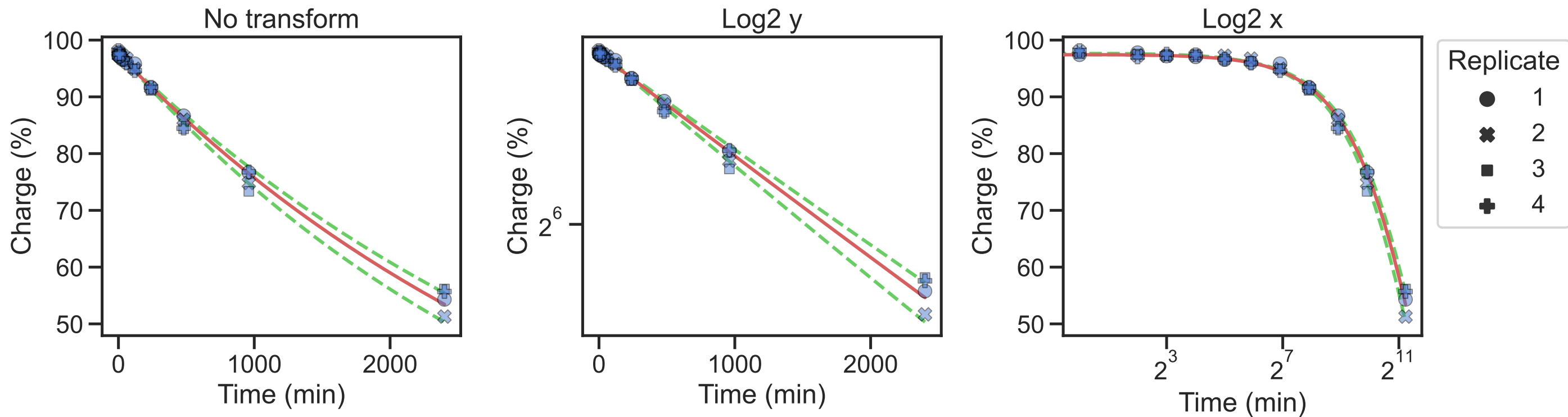
Ile-AAT-7-1 half-life=3020 min, 95% CI (2772; 3249)



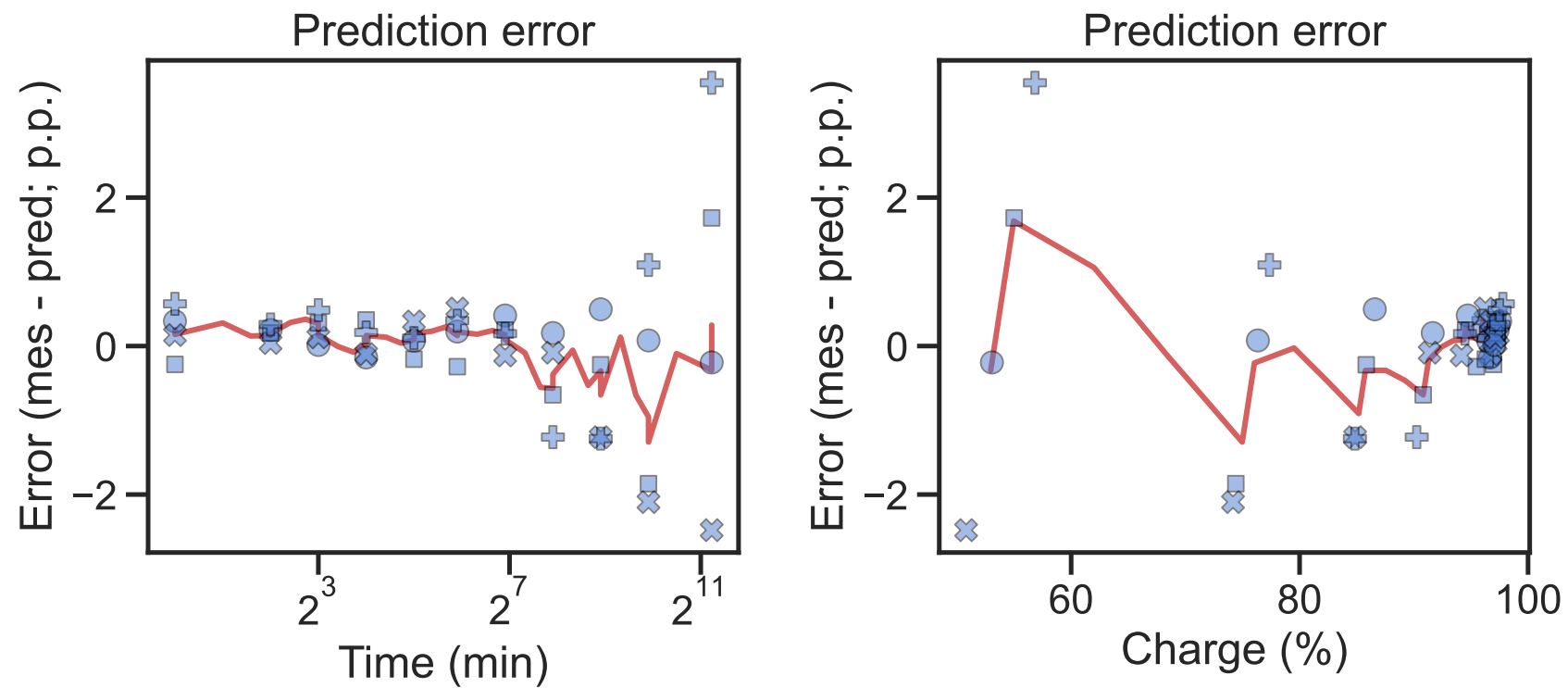
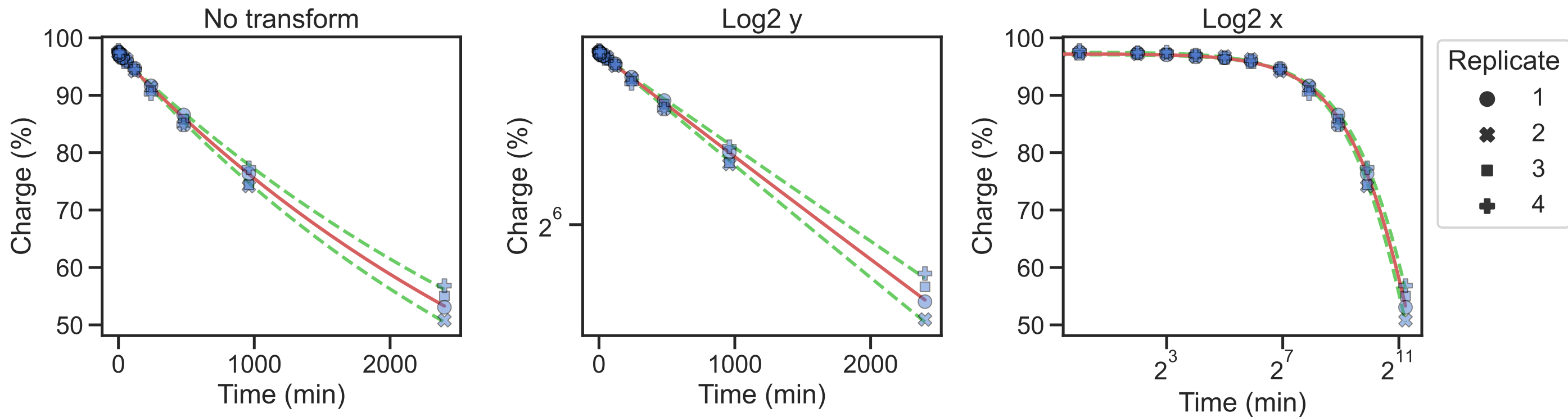
Ile-AAT-8-1 half-life=2763 min, 95% CI (2615; 2949)



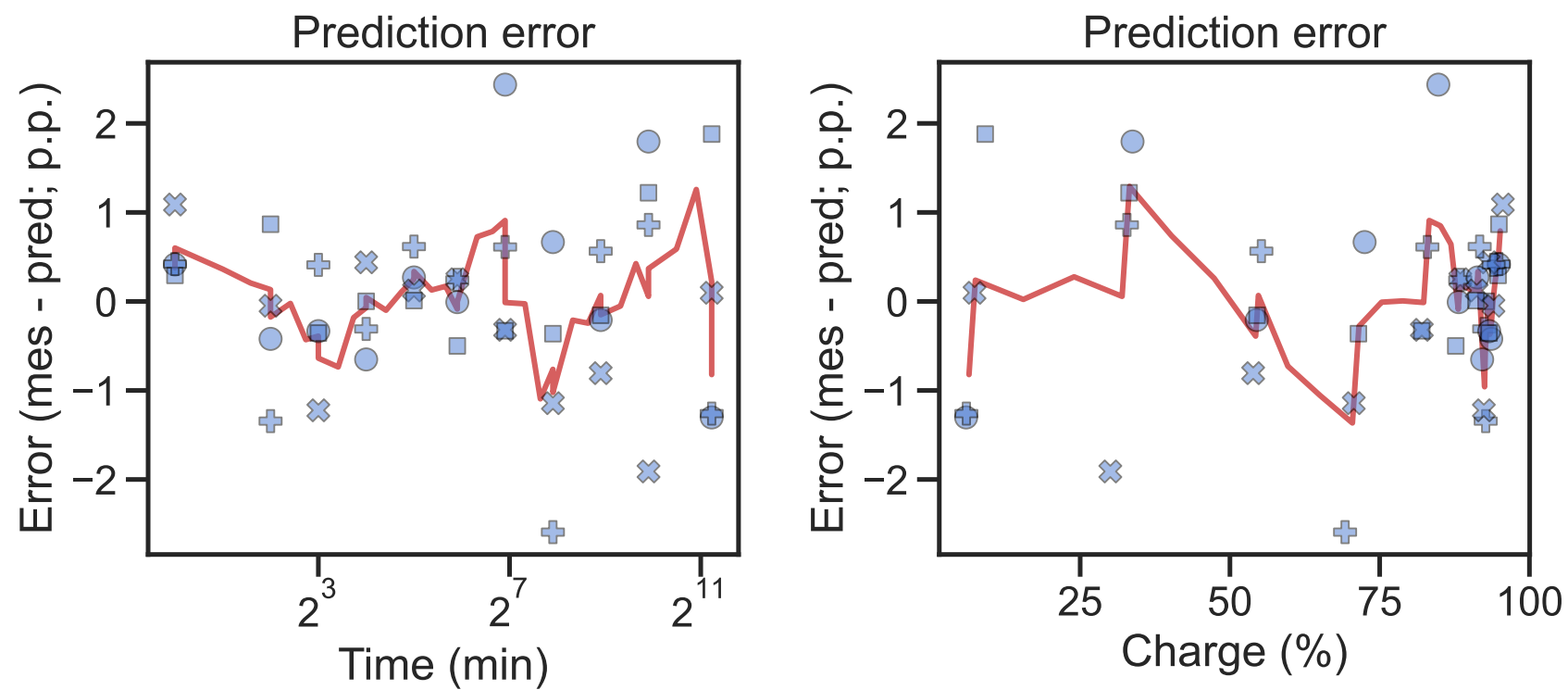
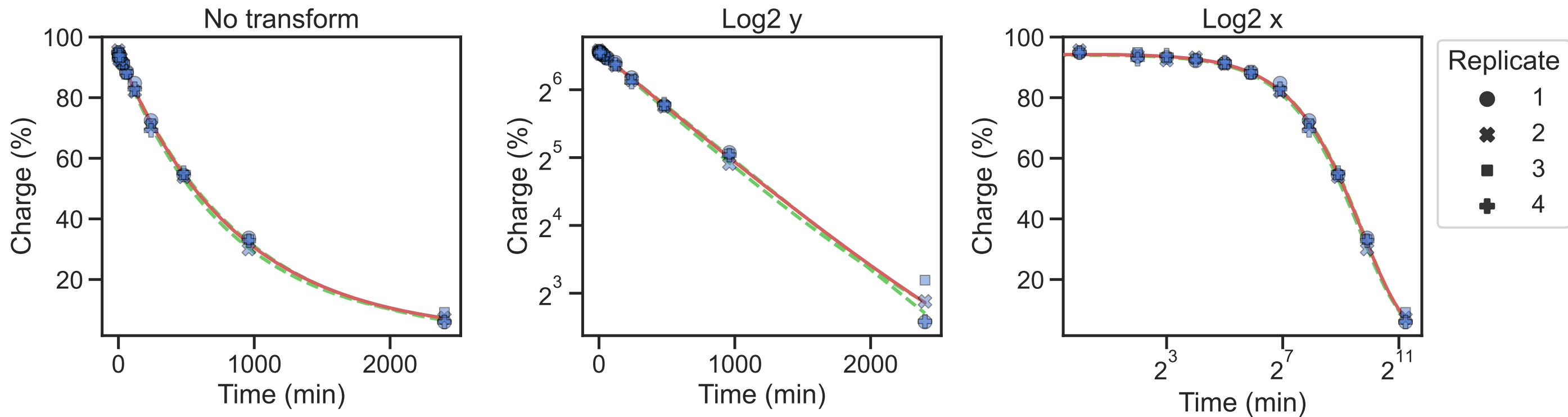
Ile-TAT-1-1 half-life=2632 min, 95% CI (2380; 2806)



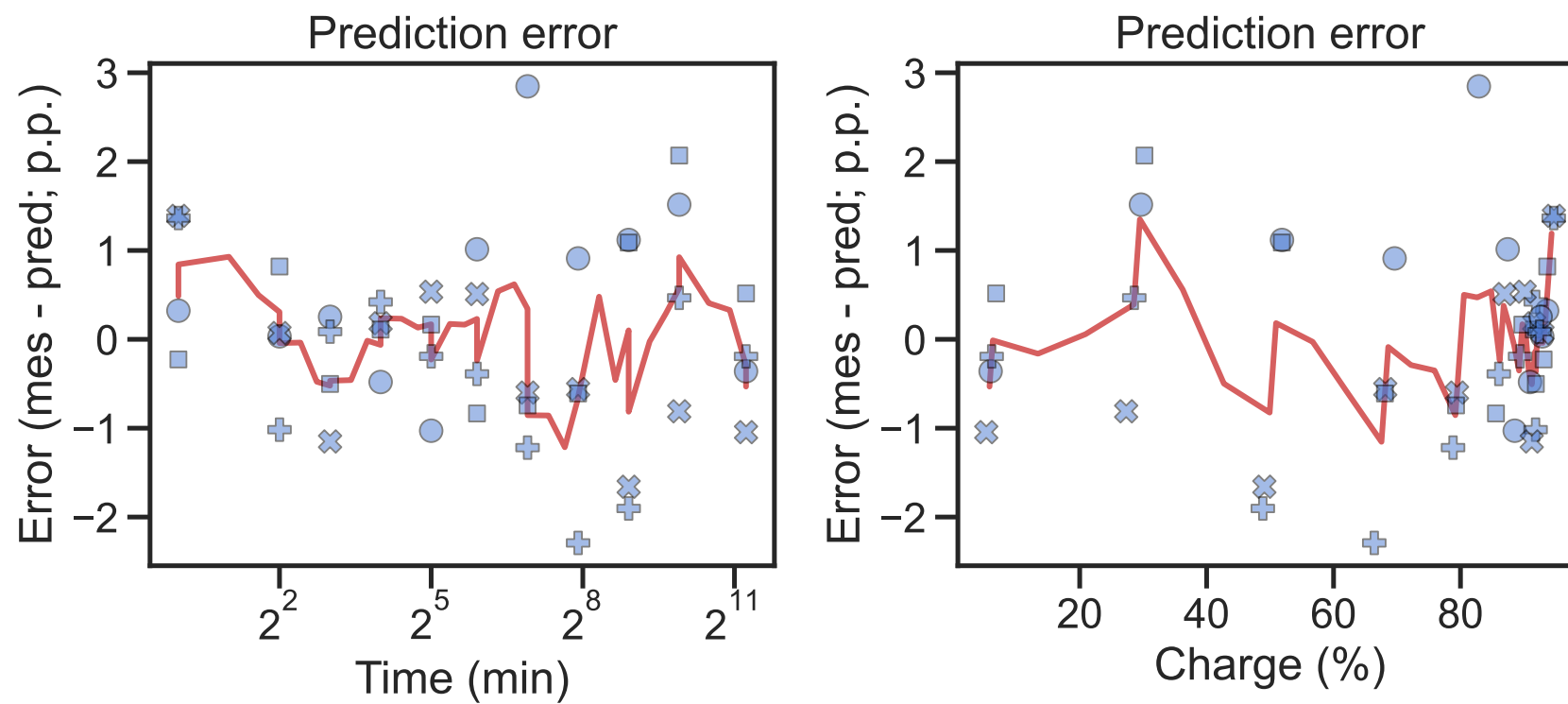
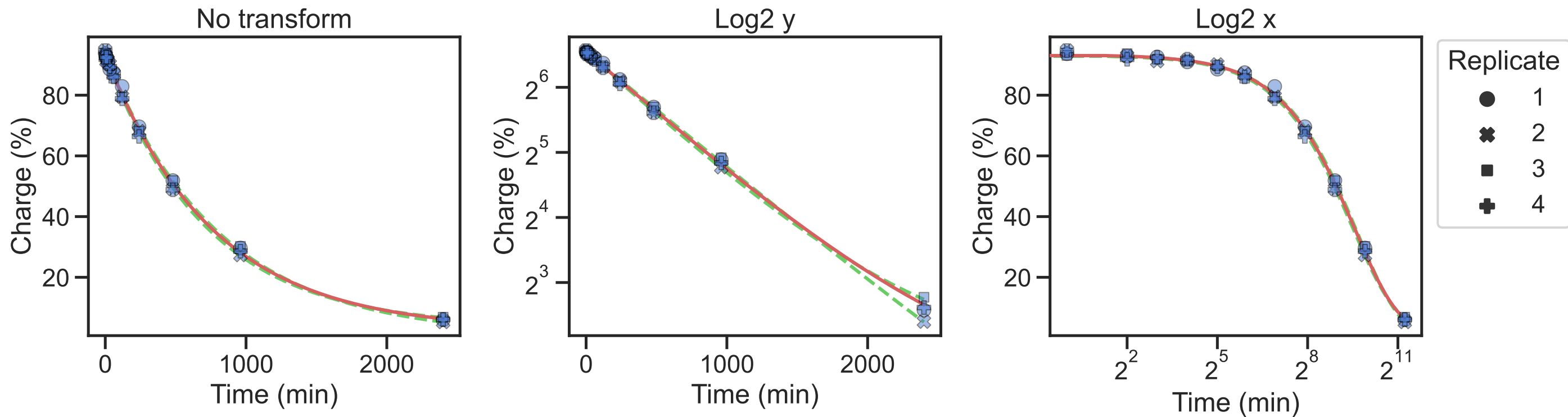
Ile-TAT-2-1 half-life=2629 min, 95% CI (2399; 2895)



Leu-AAG-1-1 half-life=595 min, 95% CI (555; 623)

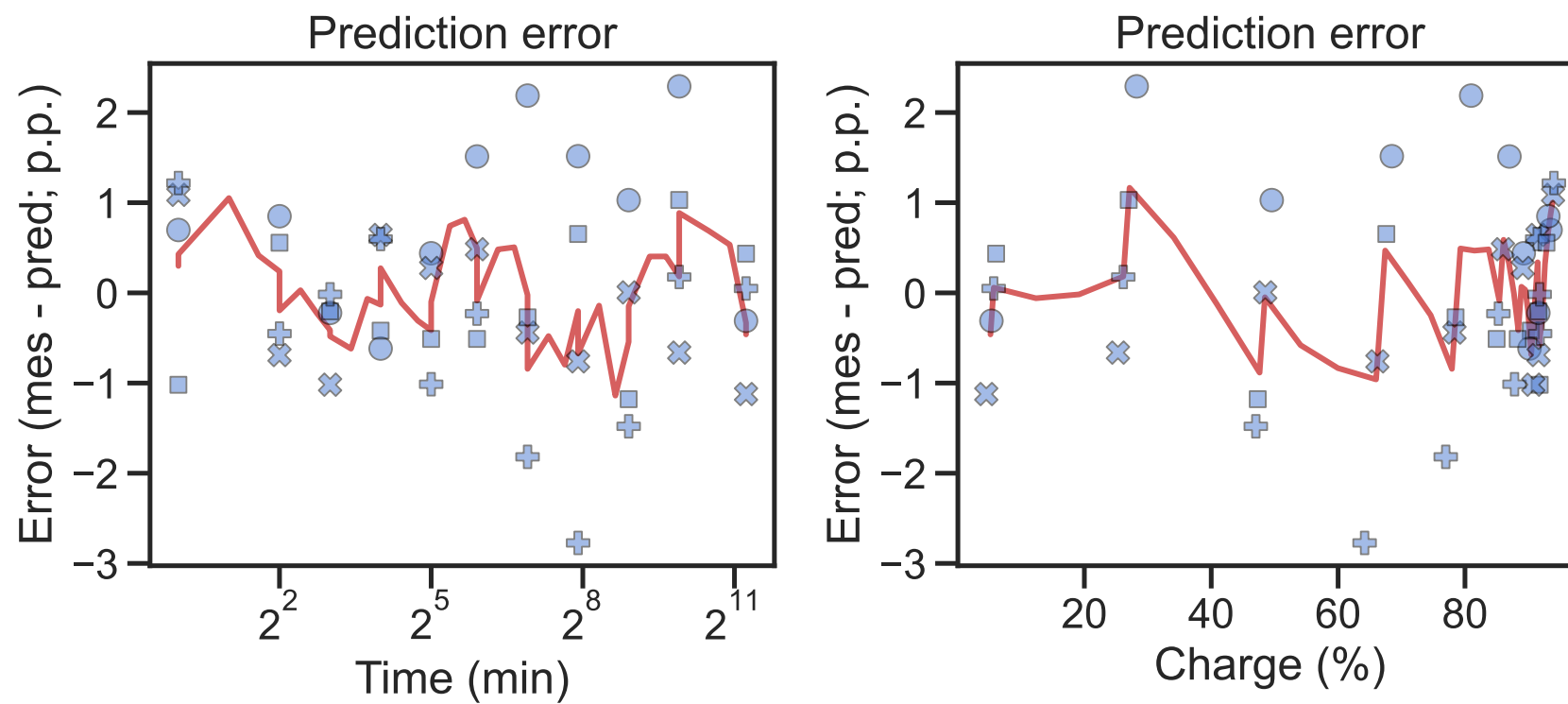
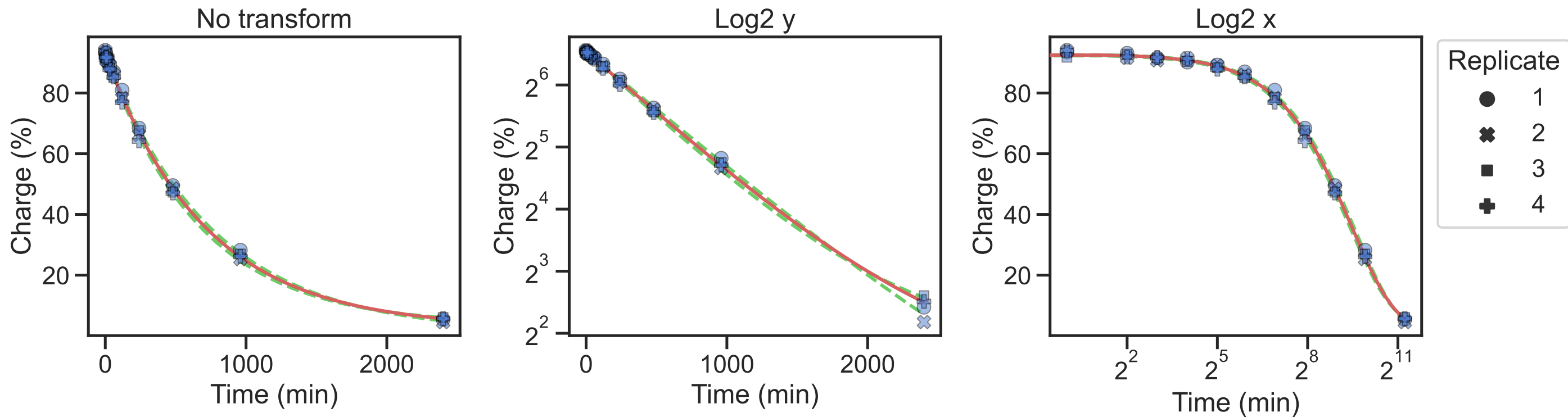


Leu-AAG-2-1 half-life=526 min, 95% CI (498; 560)

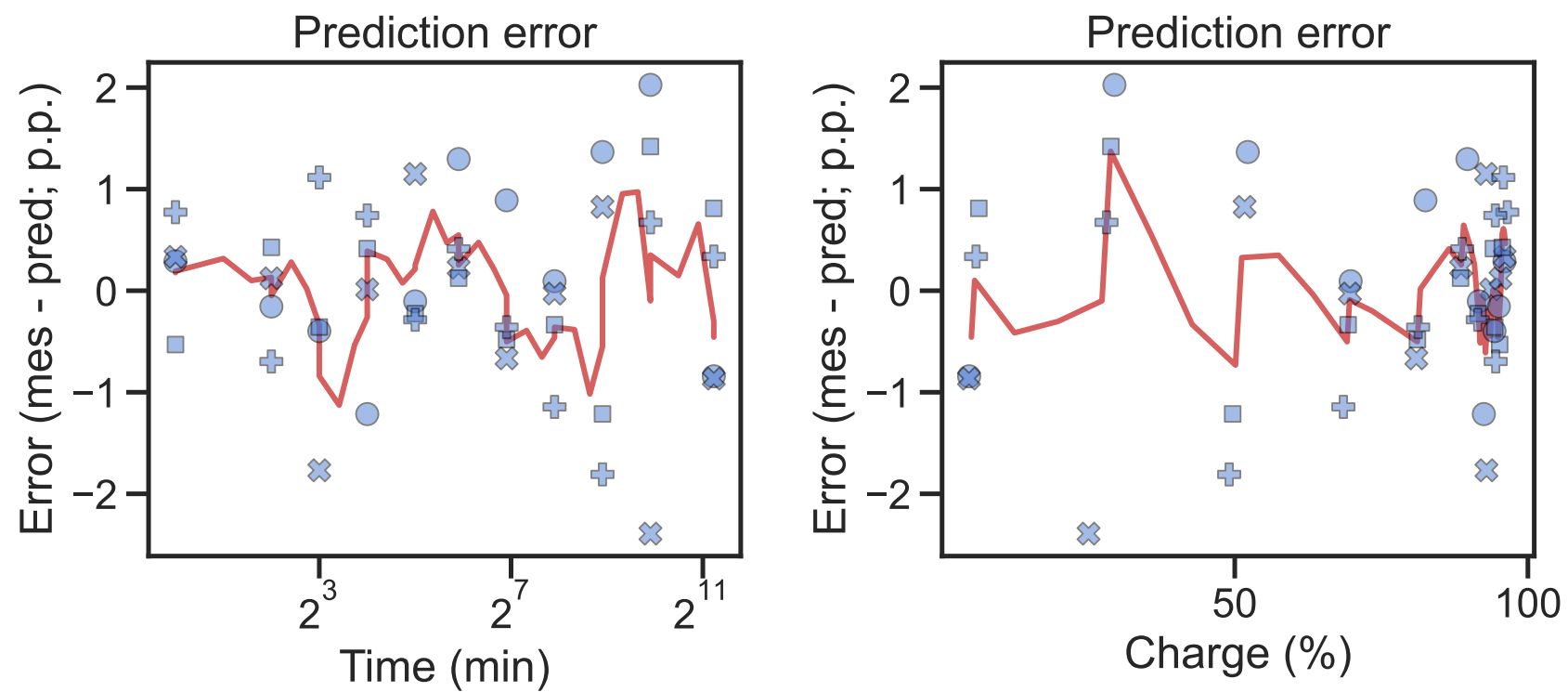
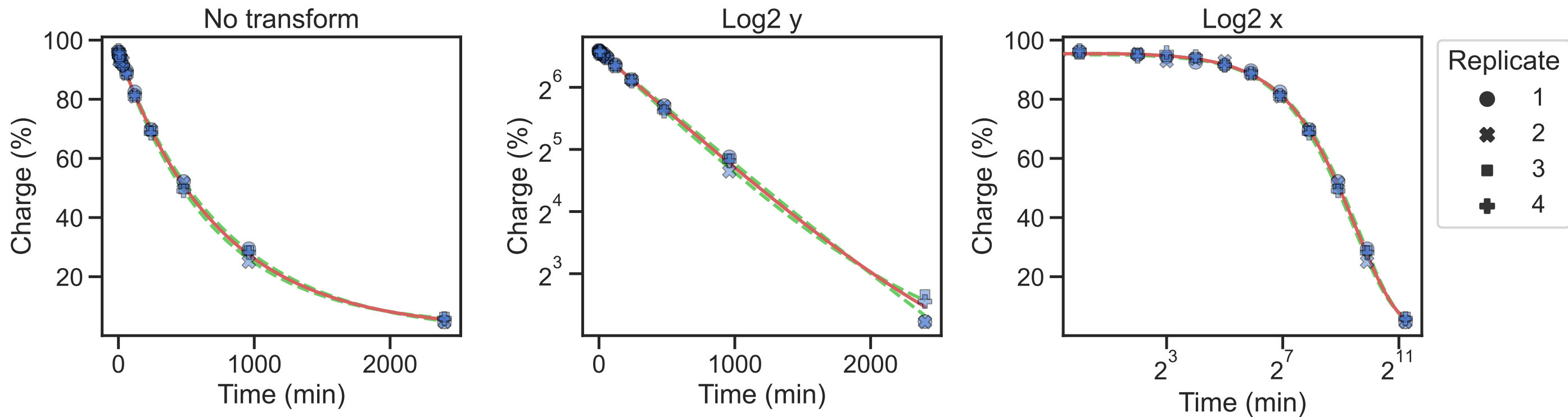




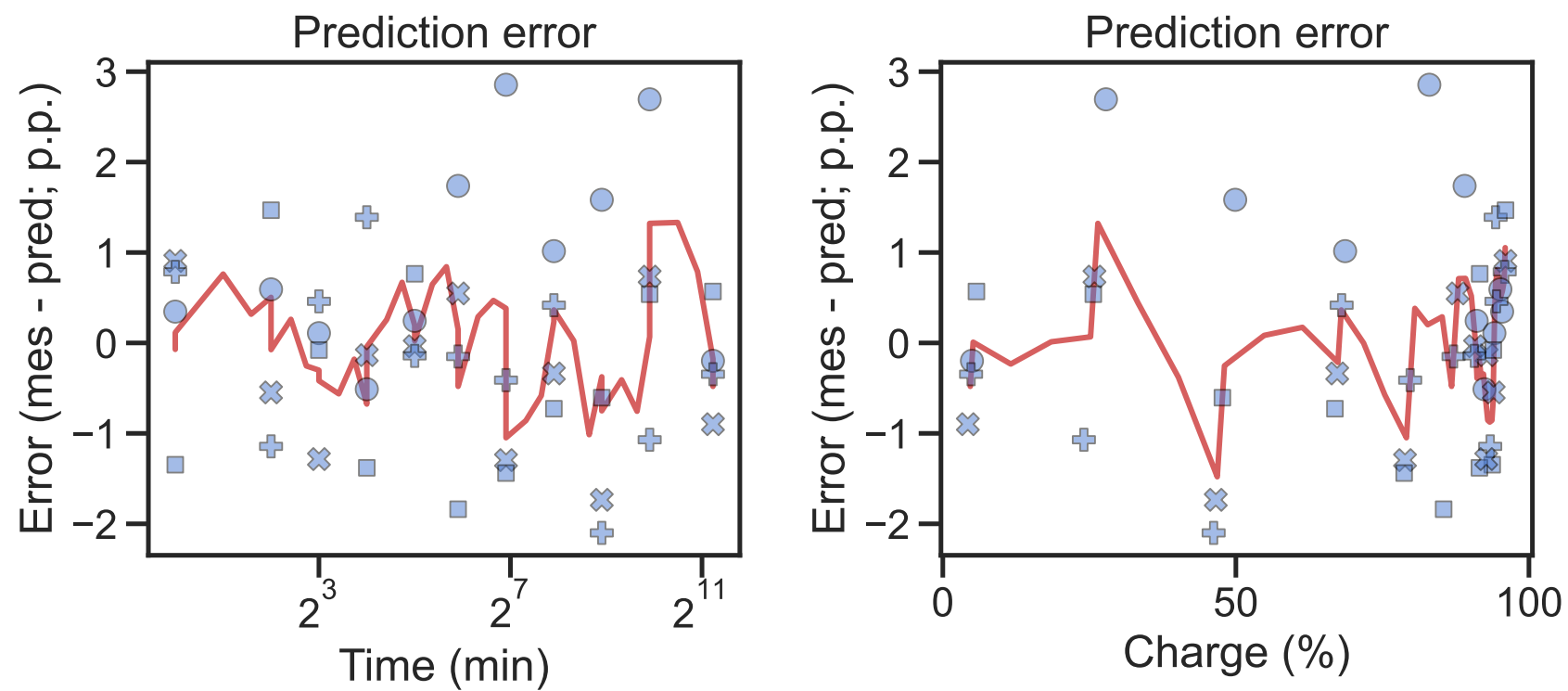
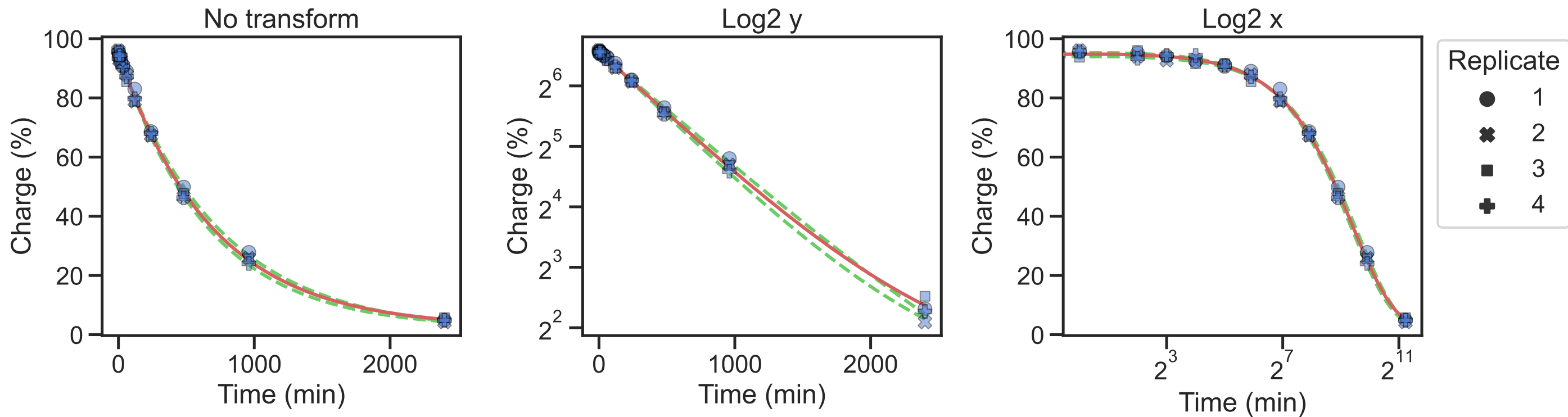
Leu-CAA-1-1 half-life=493 min, 95% CI (463; 530)



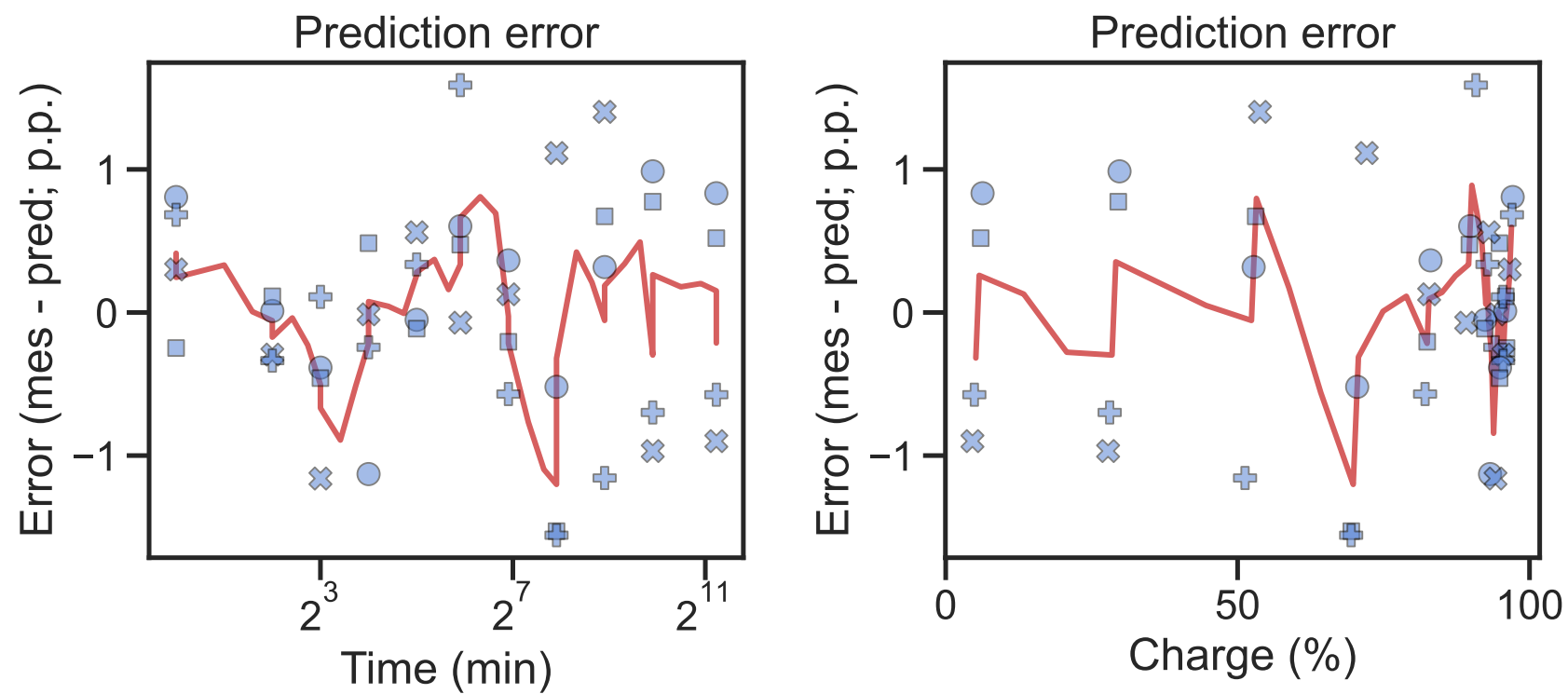
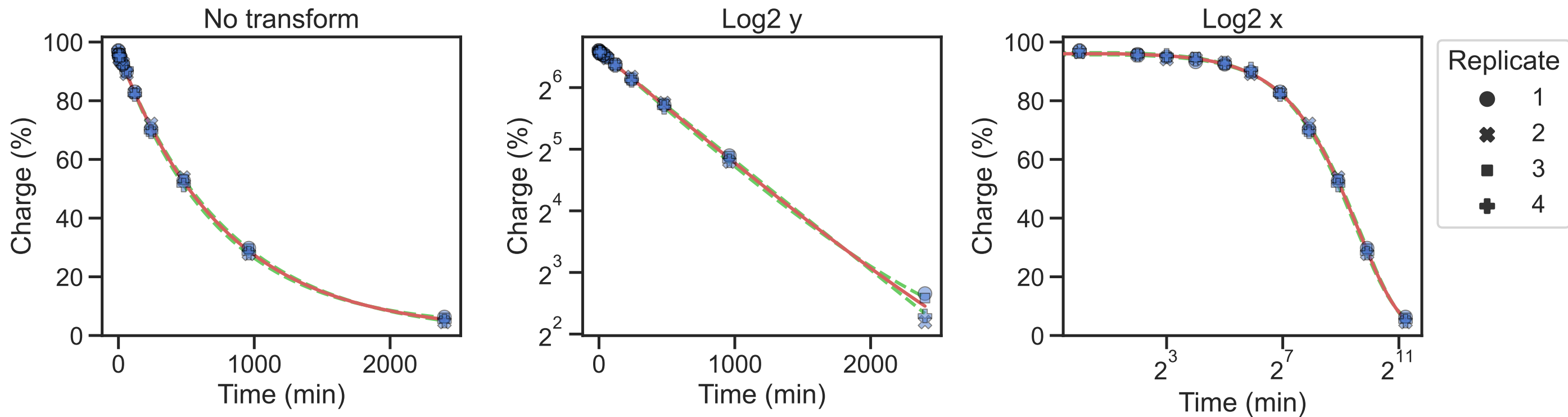
Leu-CAA-2-1 half-life=512 min, 95% CI (476; 548)



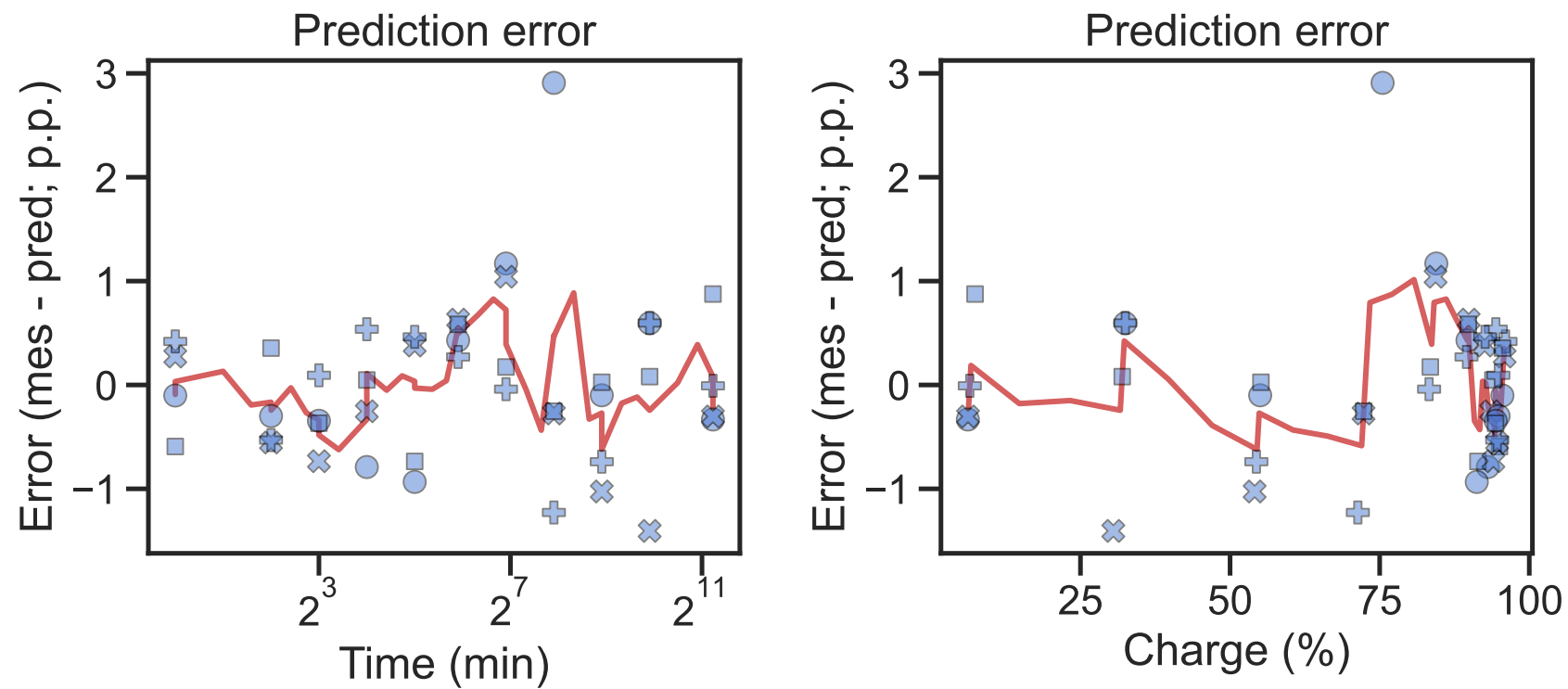
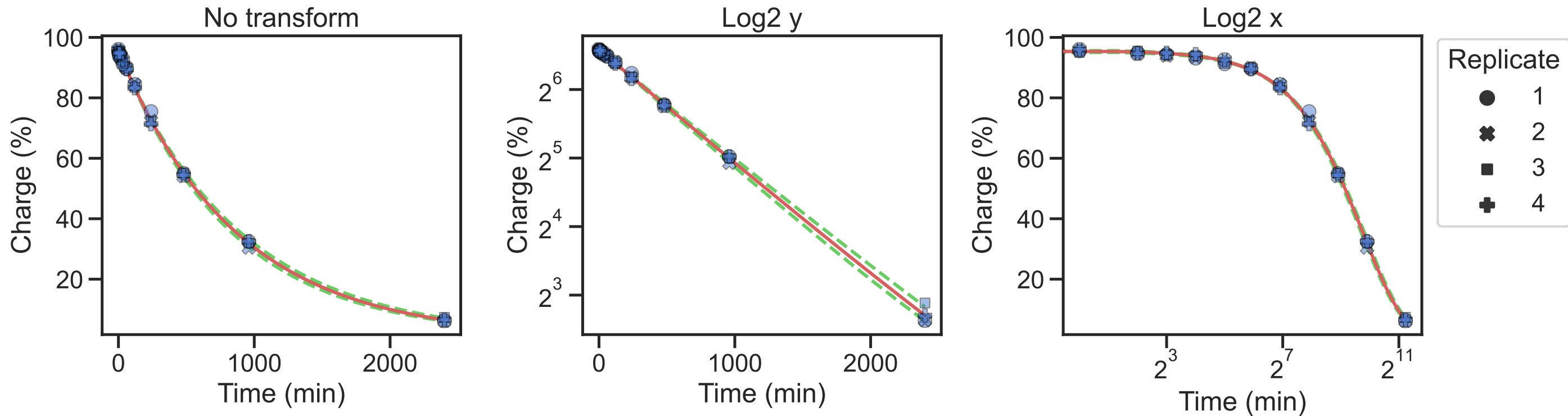
Leu-CAA-3-1 half-life=473 min, 95% CI (453; 518)



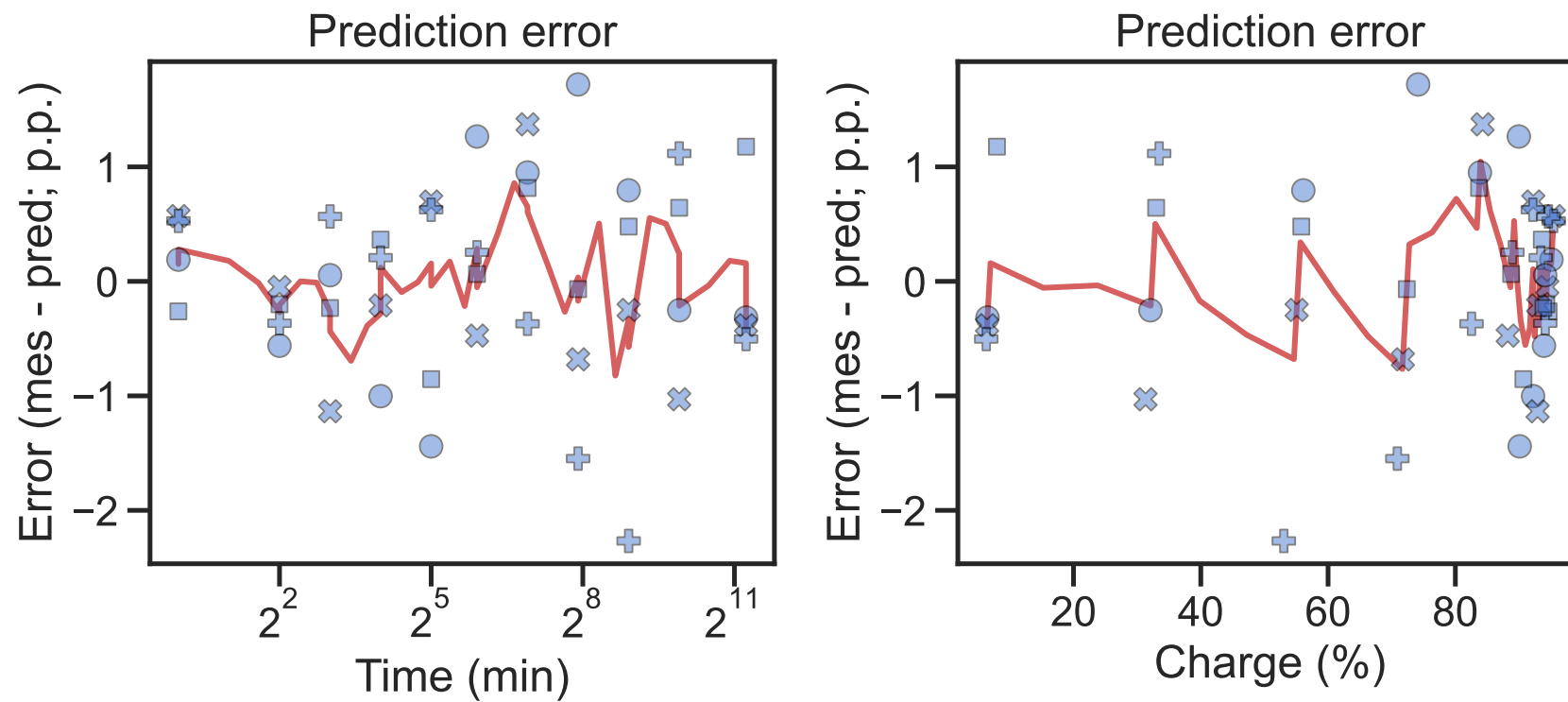
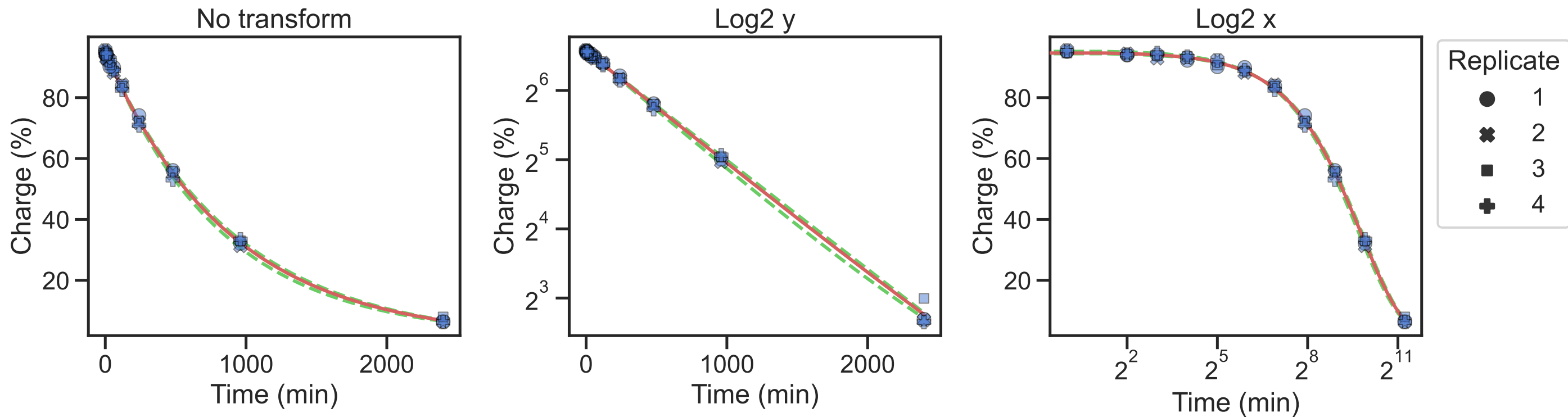
Leu-CAA-4-1 half-life=538 min, 95% CI (504; 565)



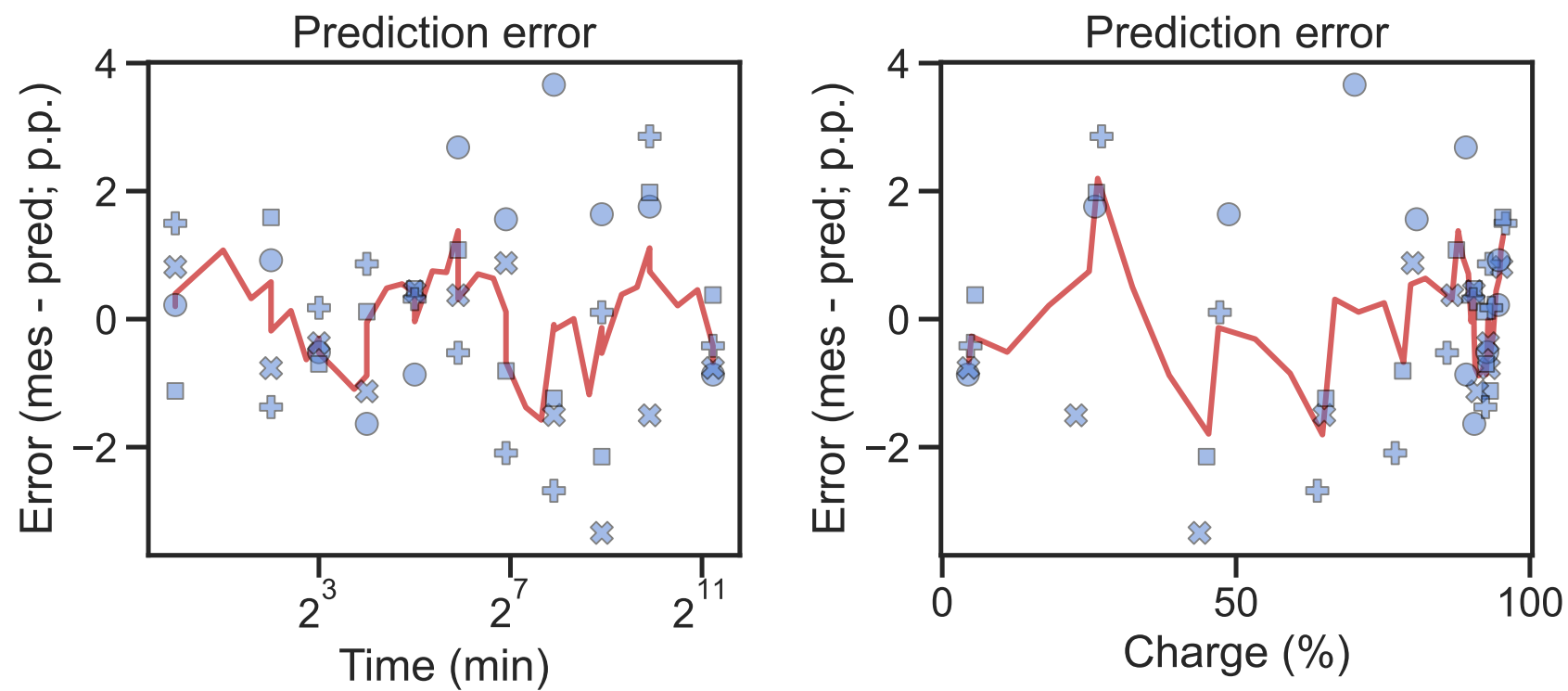
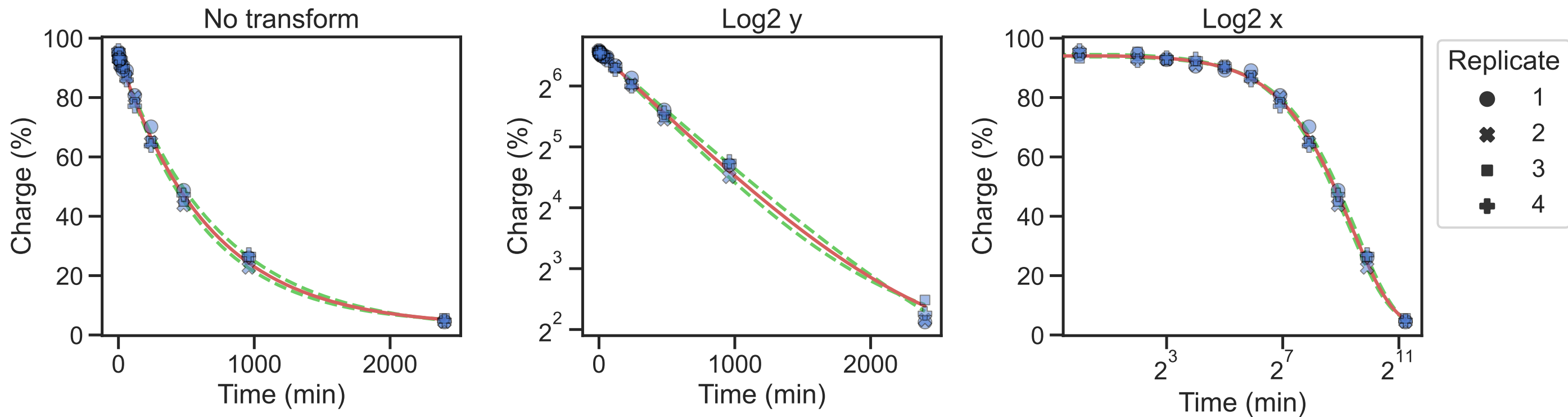
Leu-CAG-1-1 half-life=599 min, 95% CI (570; 624)



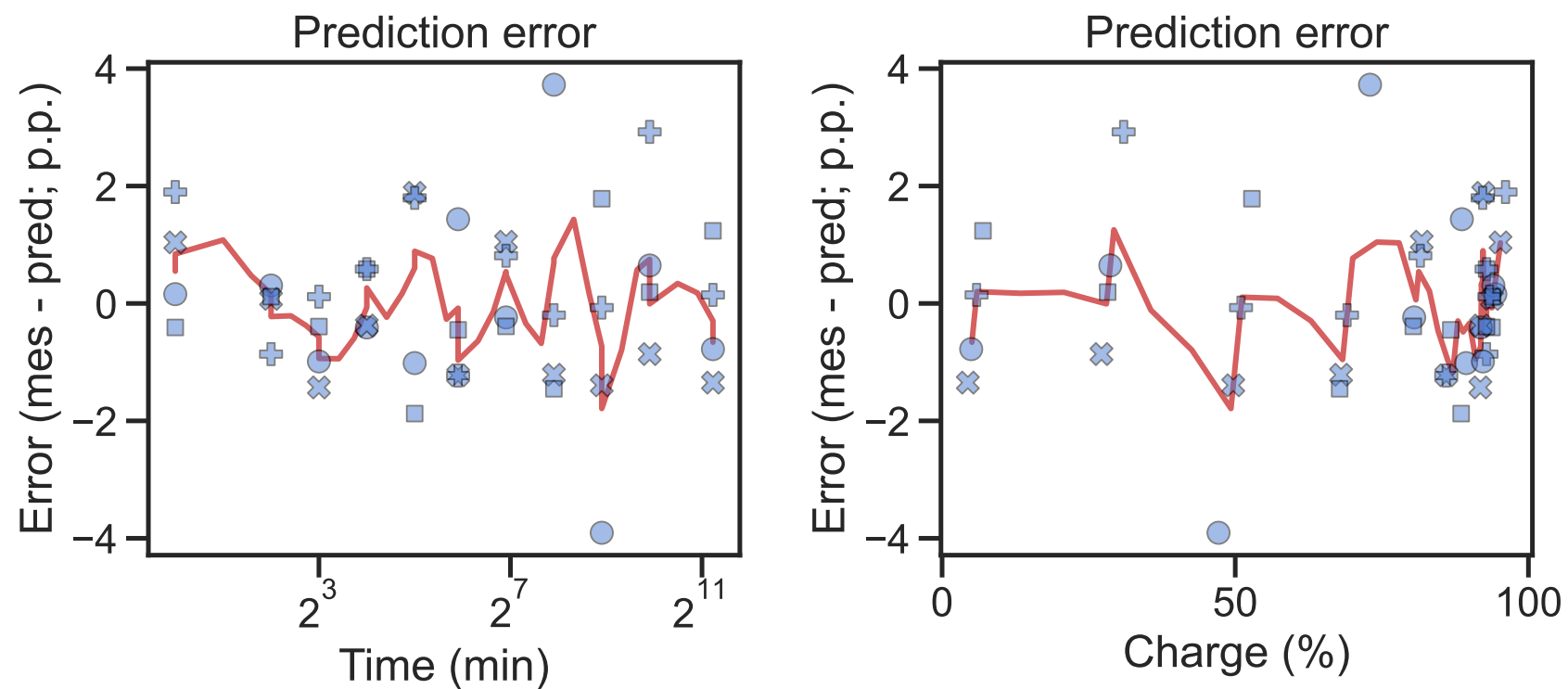
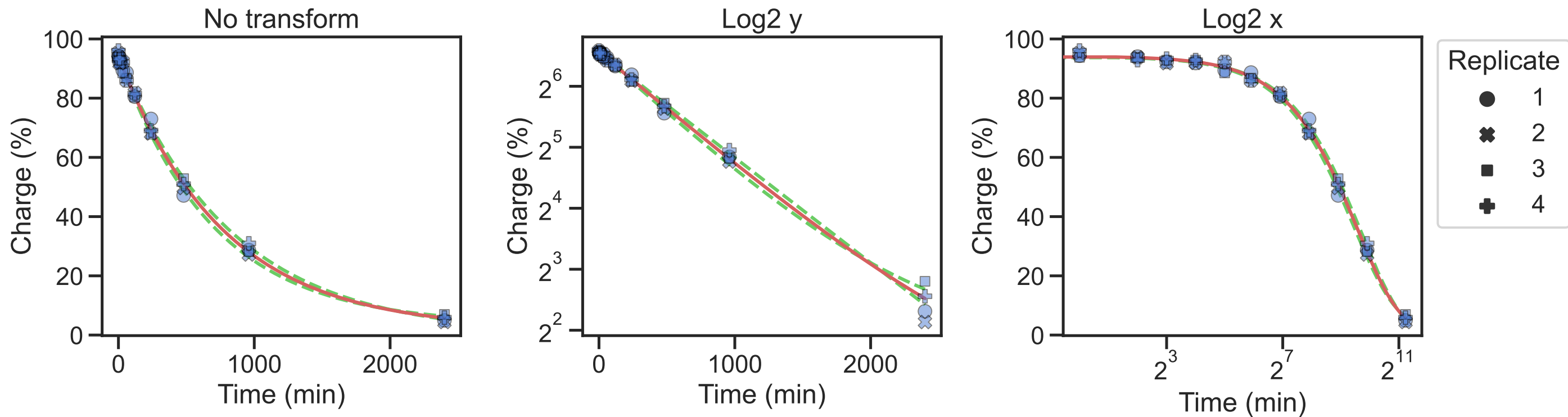
Leu-CAG-2-1 half-life=611min, 95% CI (569; 635)



Leu-TAA-1-1 half-life=459min, 95% CI (424; 506)

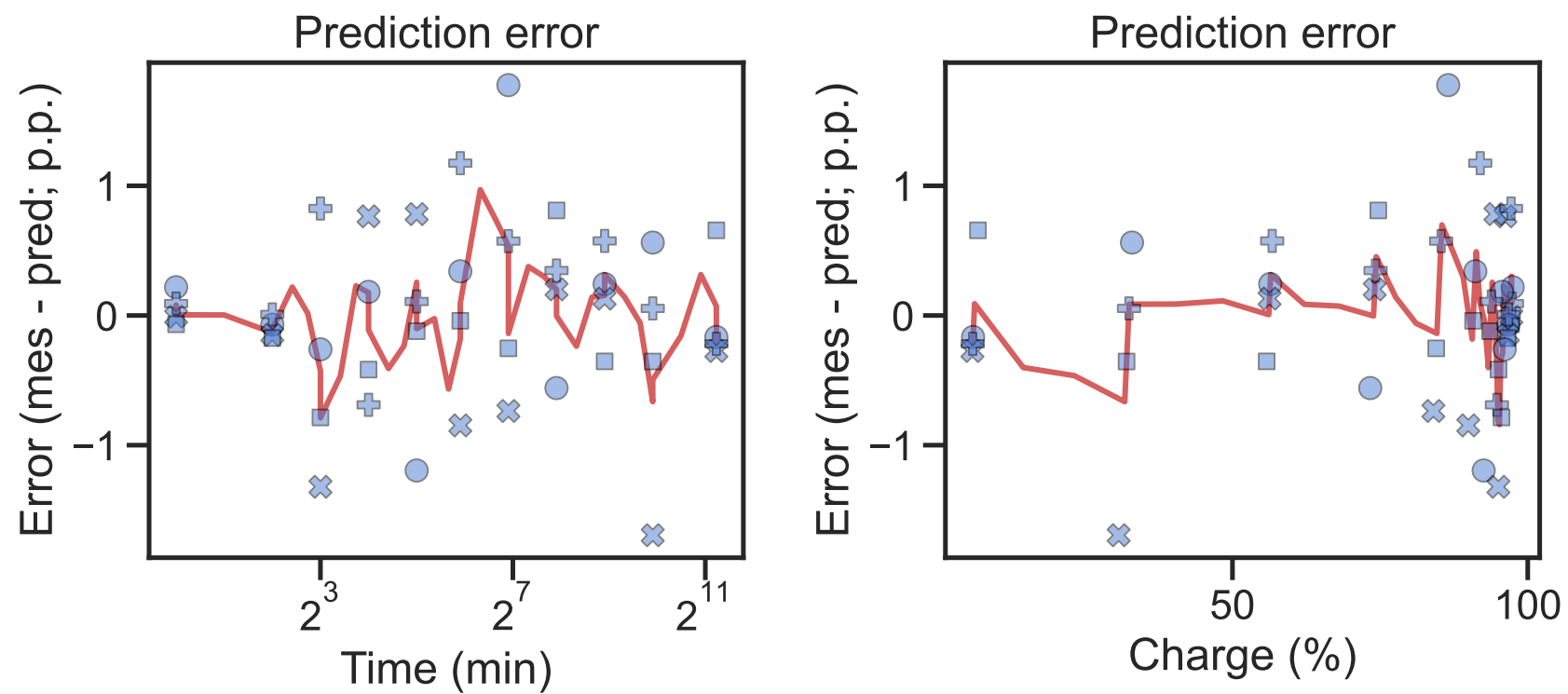
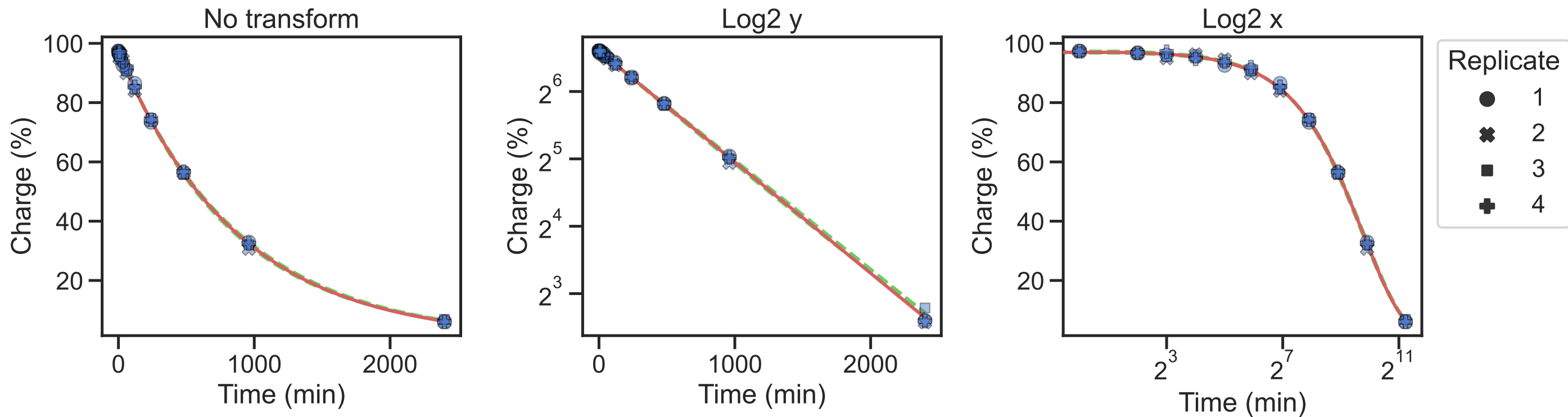


Leu-TAA-3-1 half-life=529min, 95% CI (482; 580)

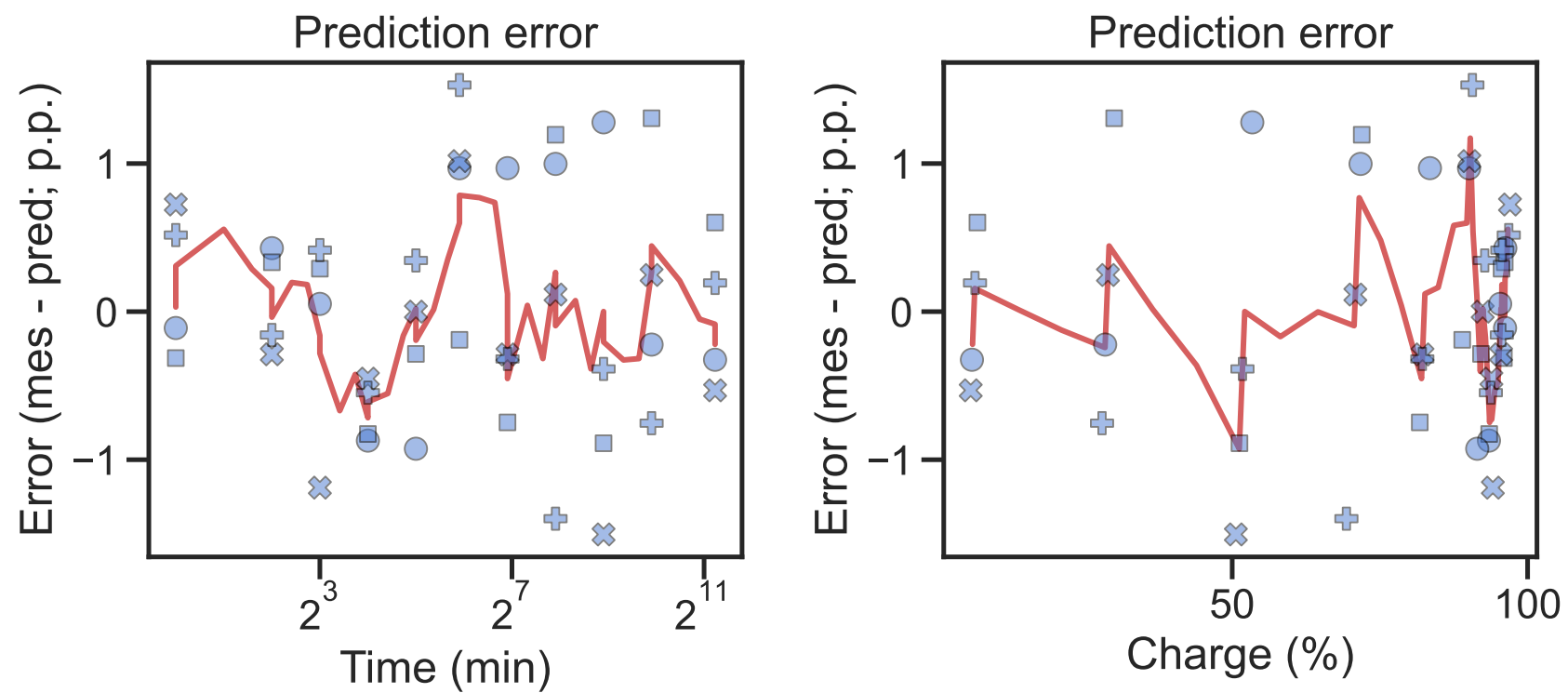
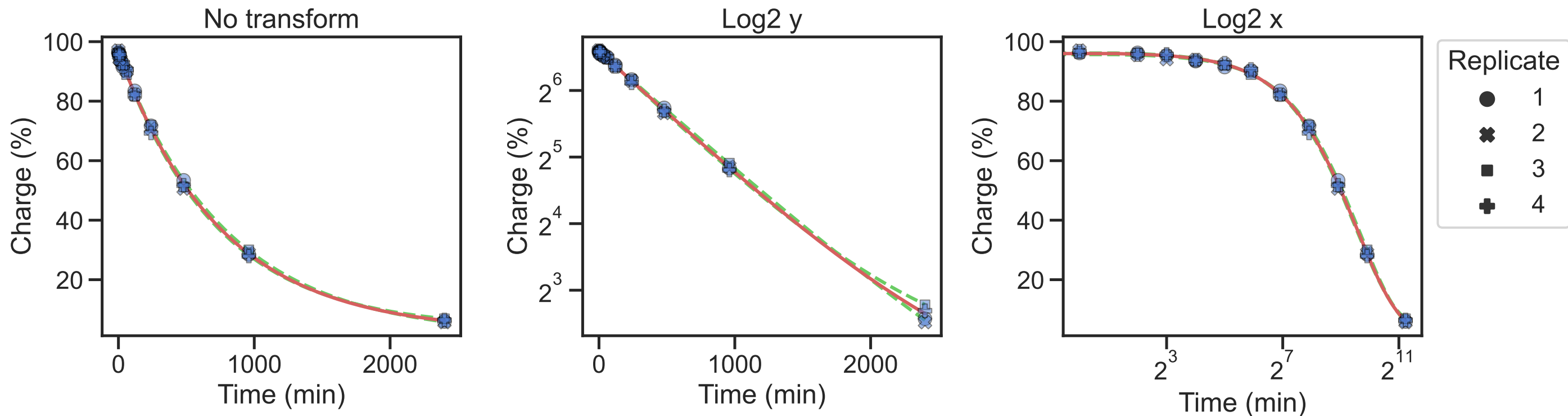




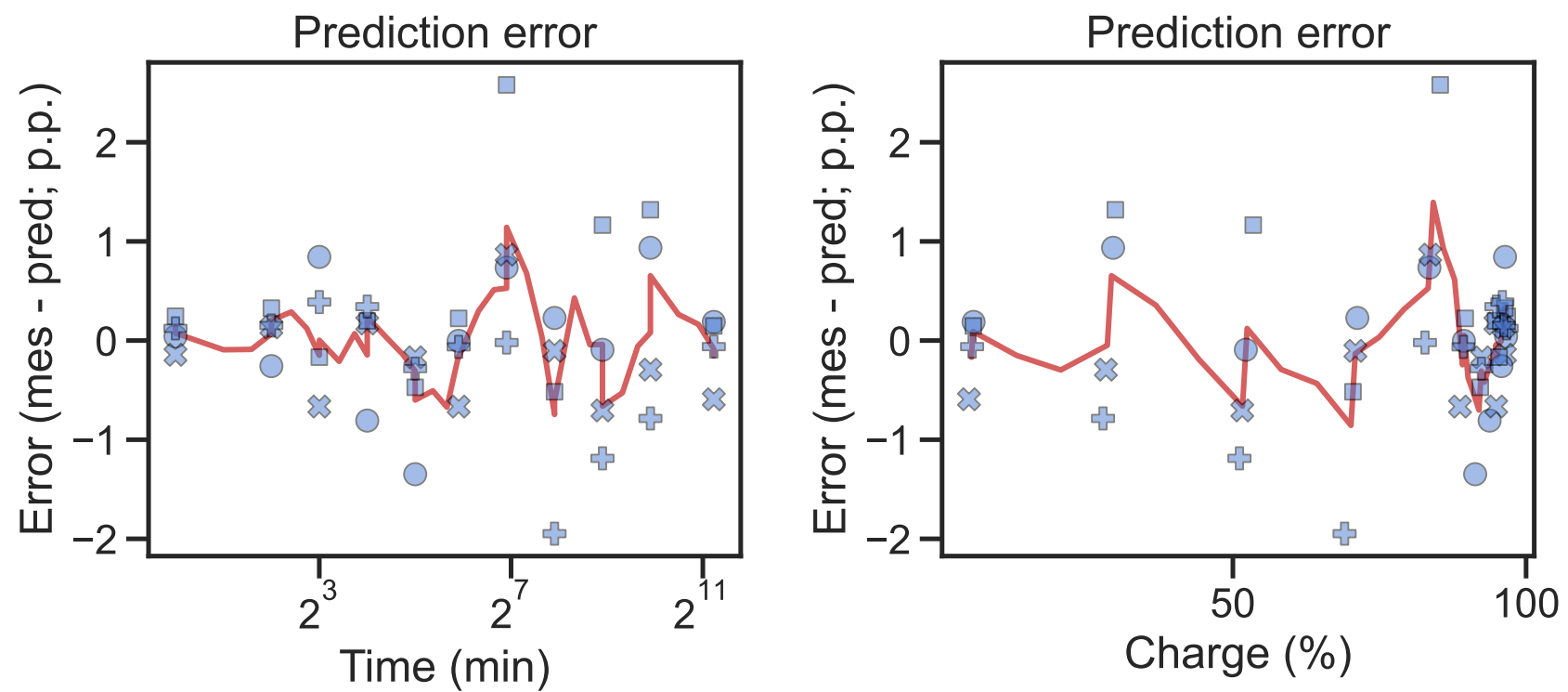
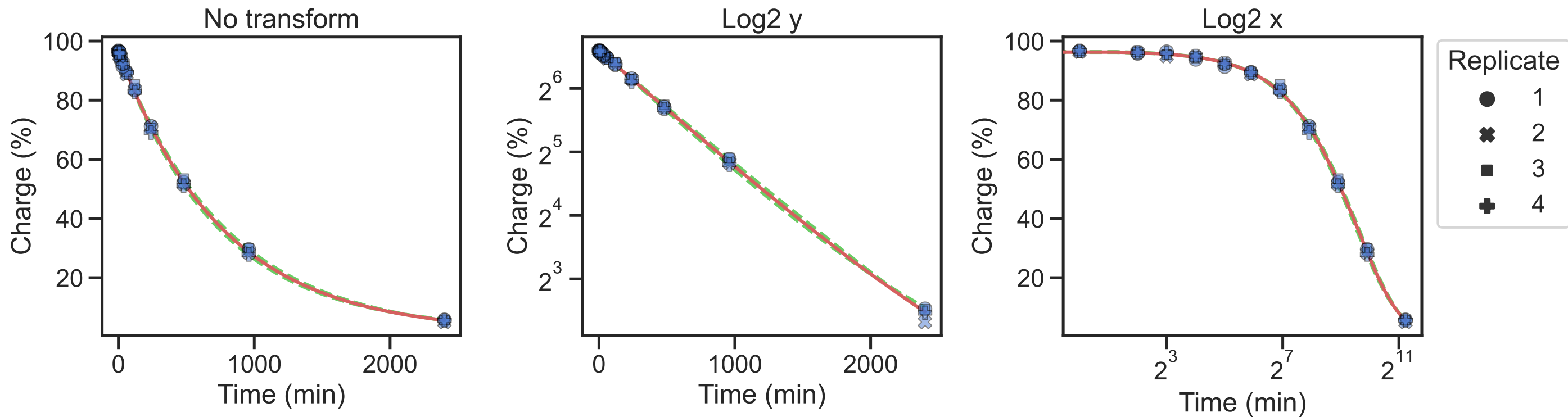
Leu-TAG-1-1 half-life=606 min, 95% CI (582; 617)



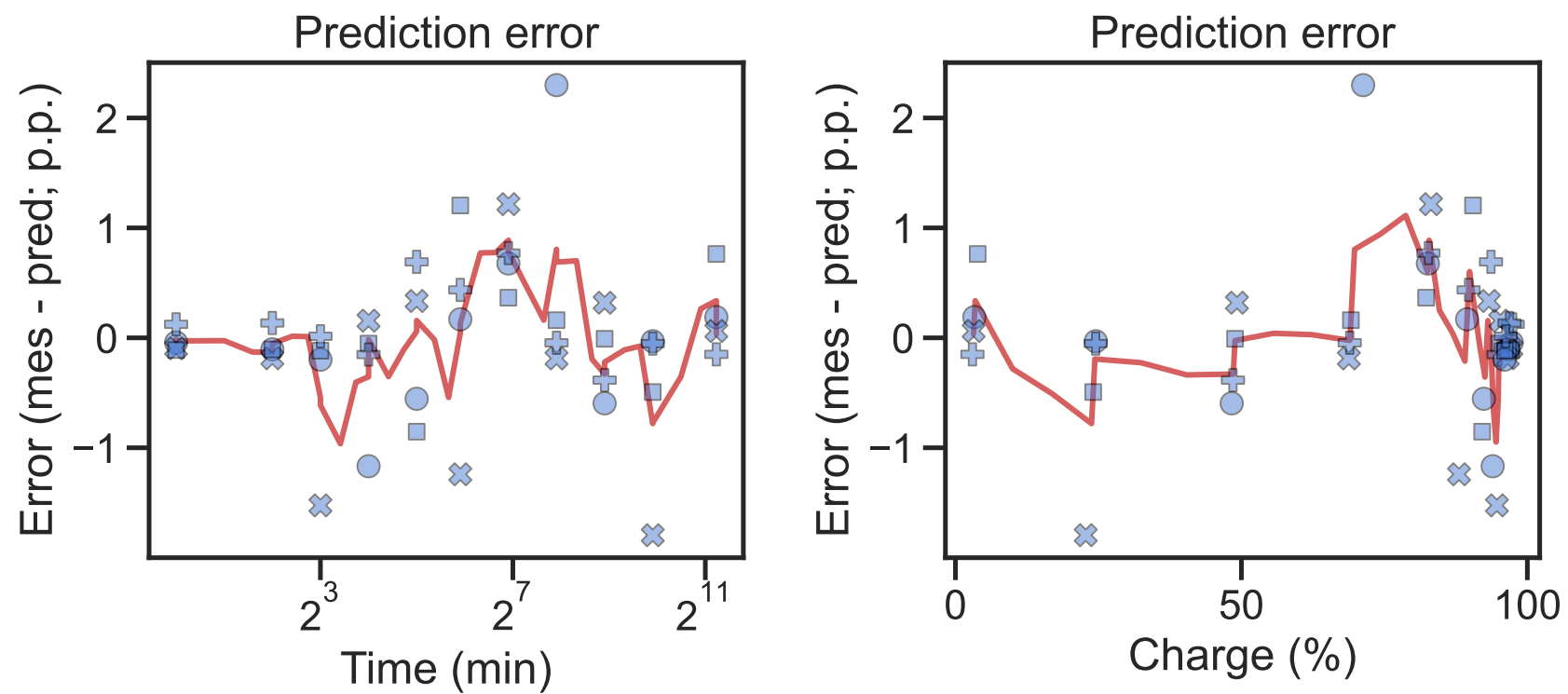
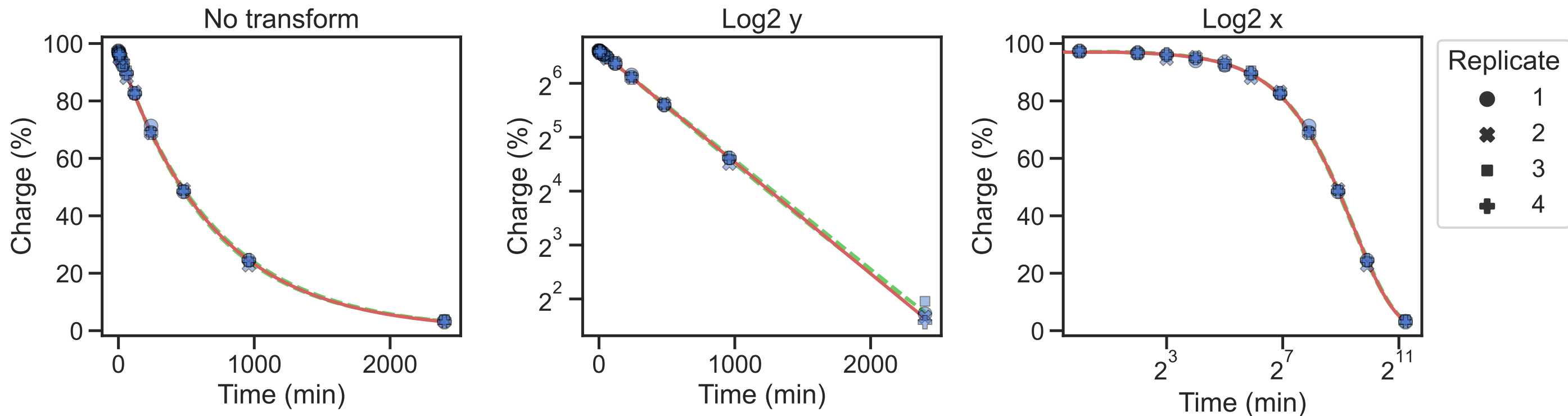
Leu-TAG-2-1 half-life=524 min, 95% CI (503; 557)

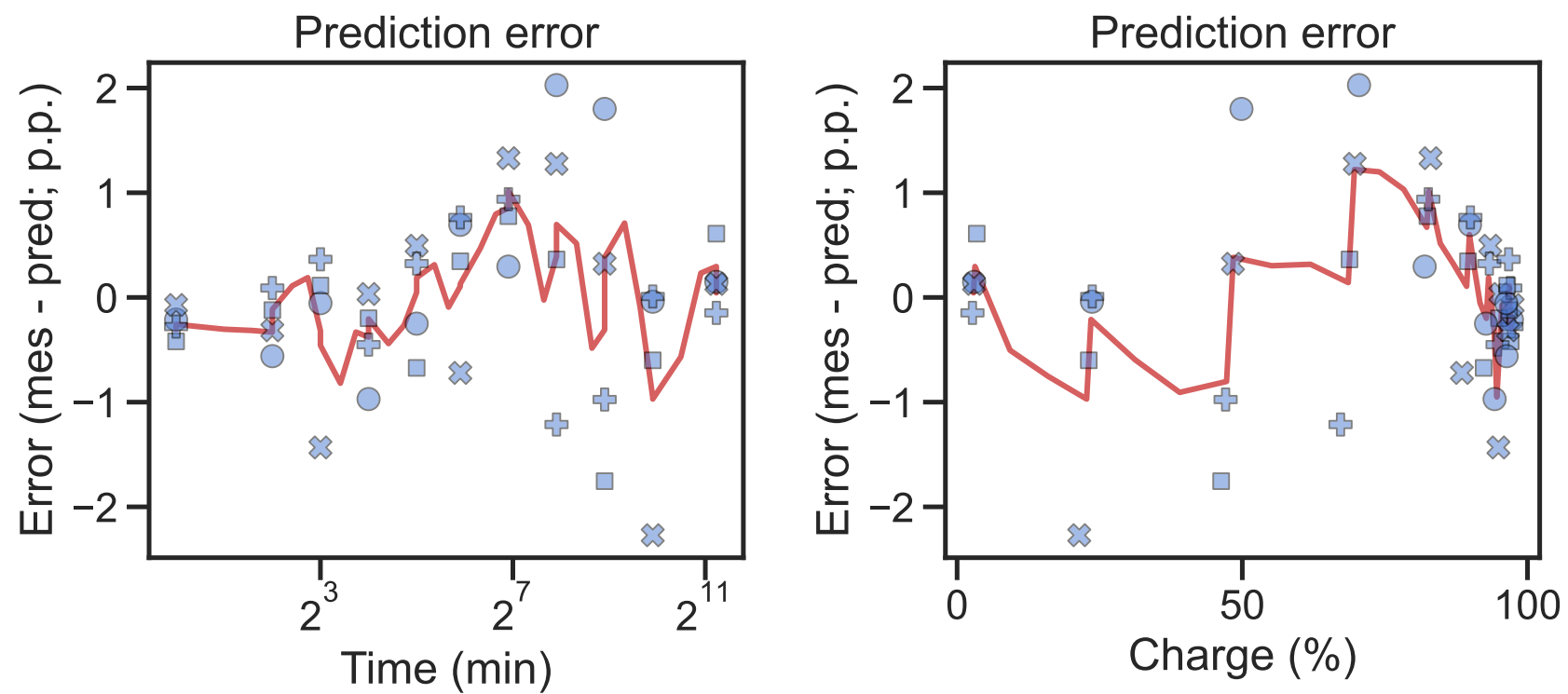
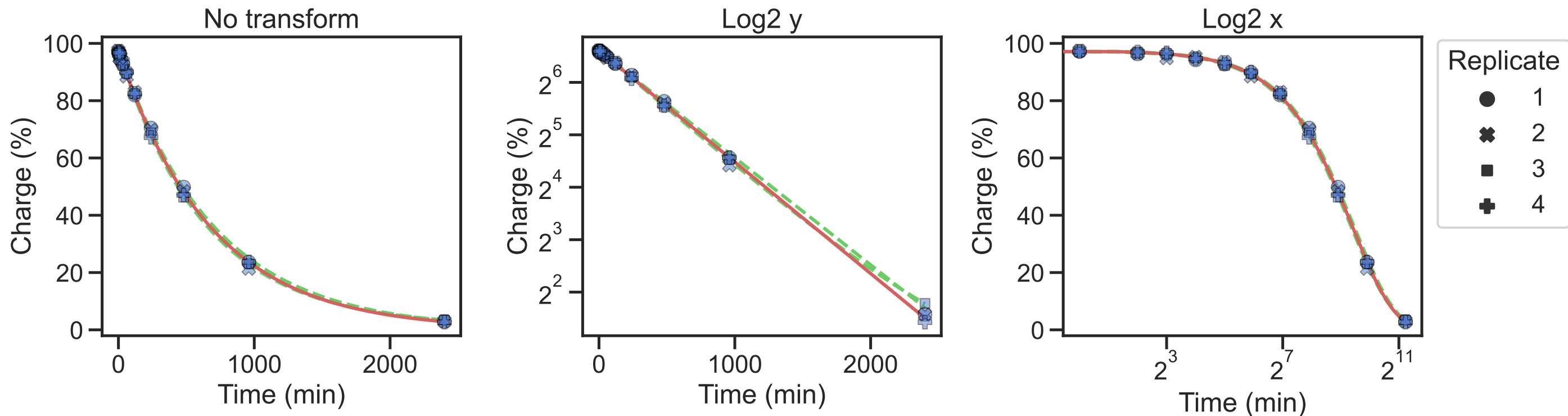


Leu-TAG-3-1 half-life=532min, 95% CI (505; 554)

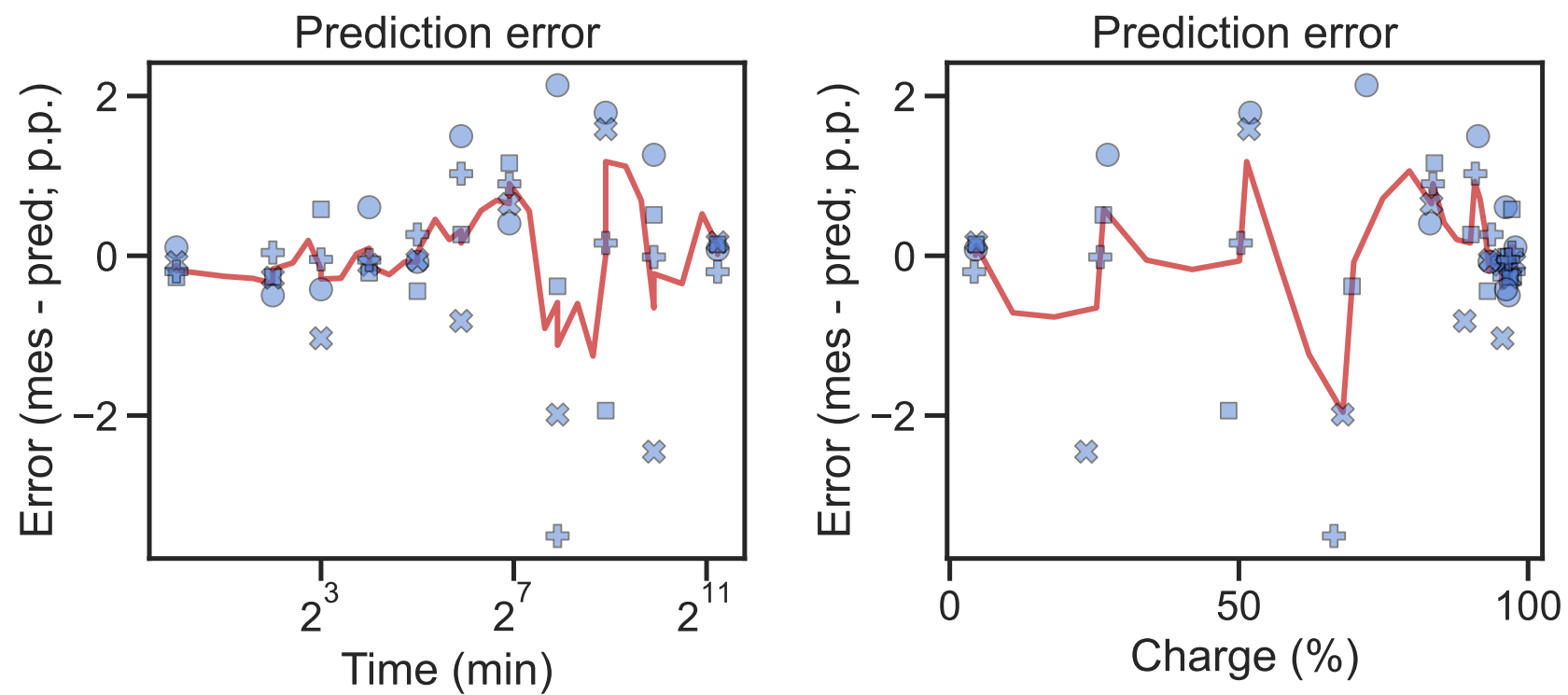
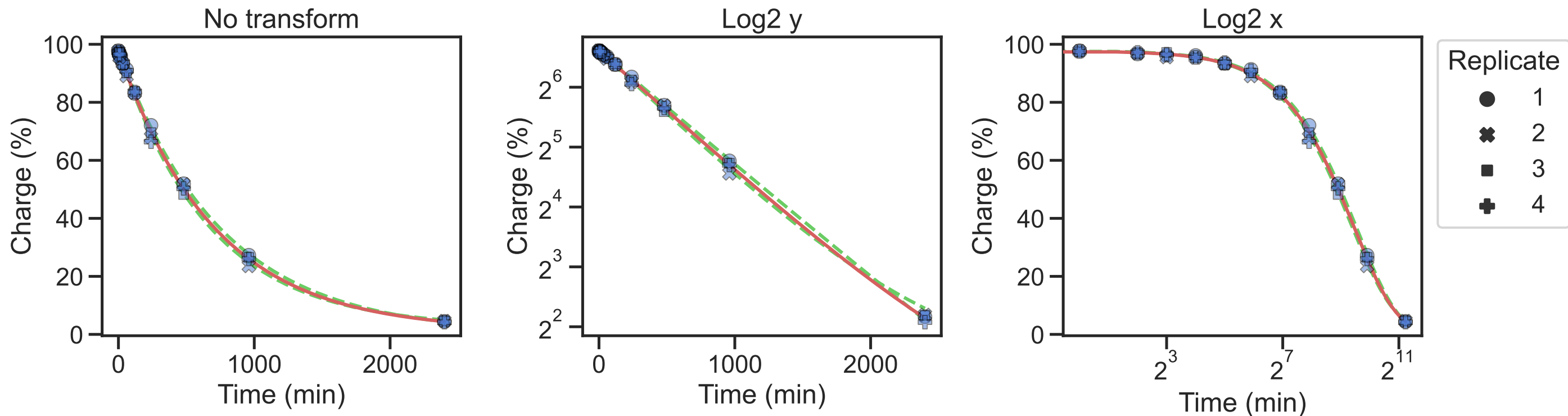


Lys-CTT-1-1 half-life=484 min, 95% CI (467; 494)

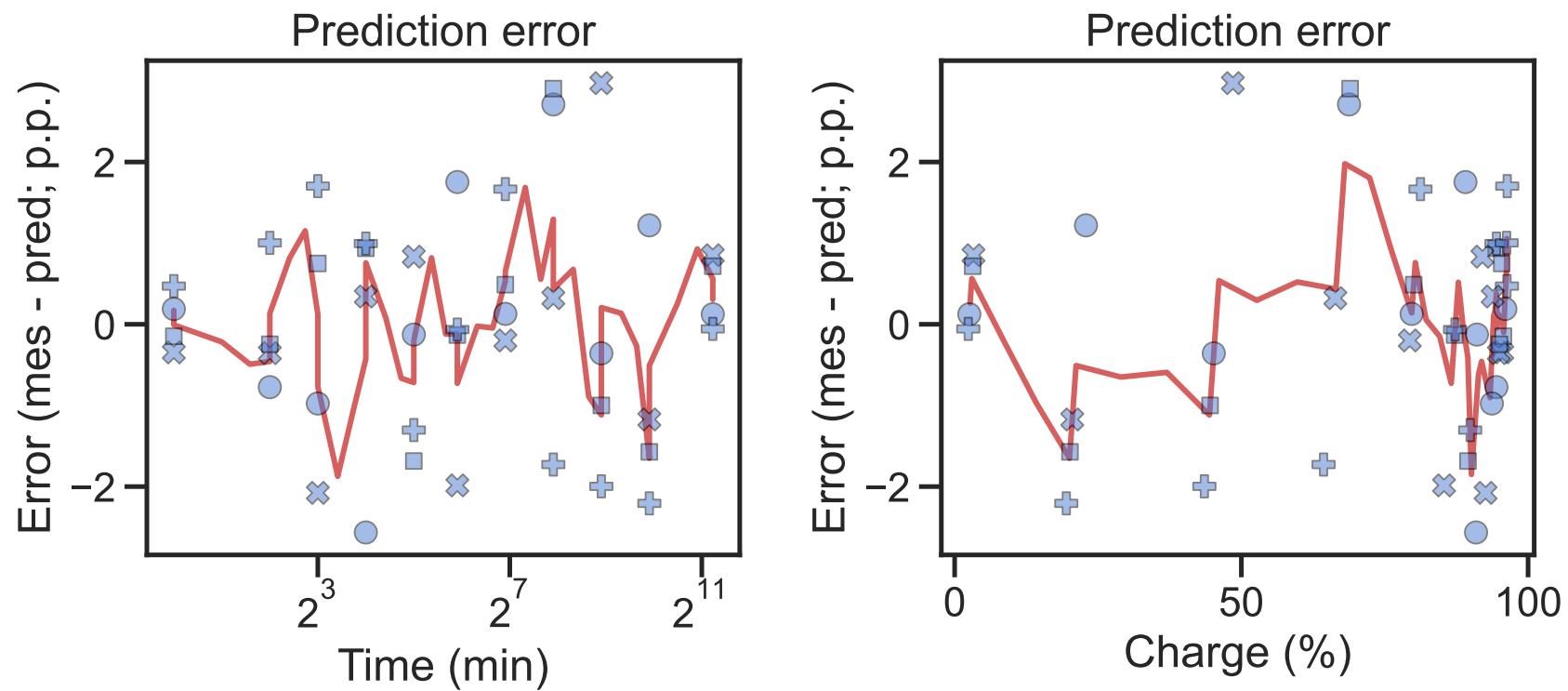
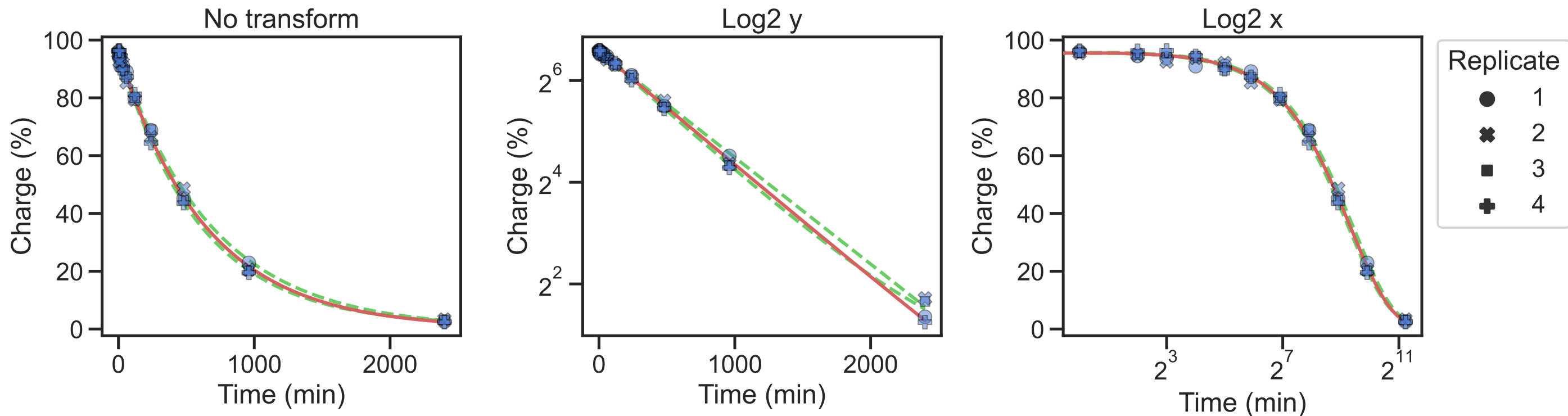




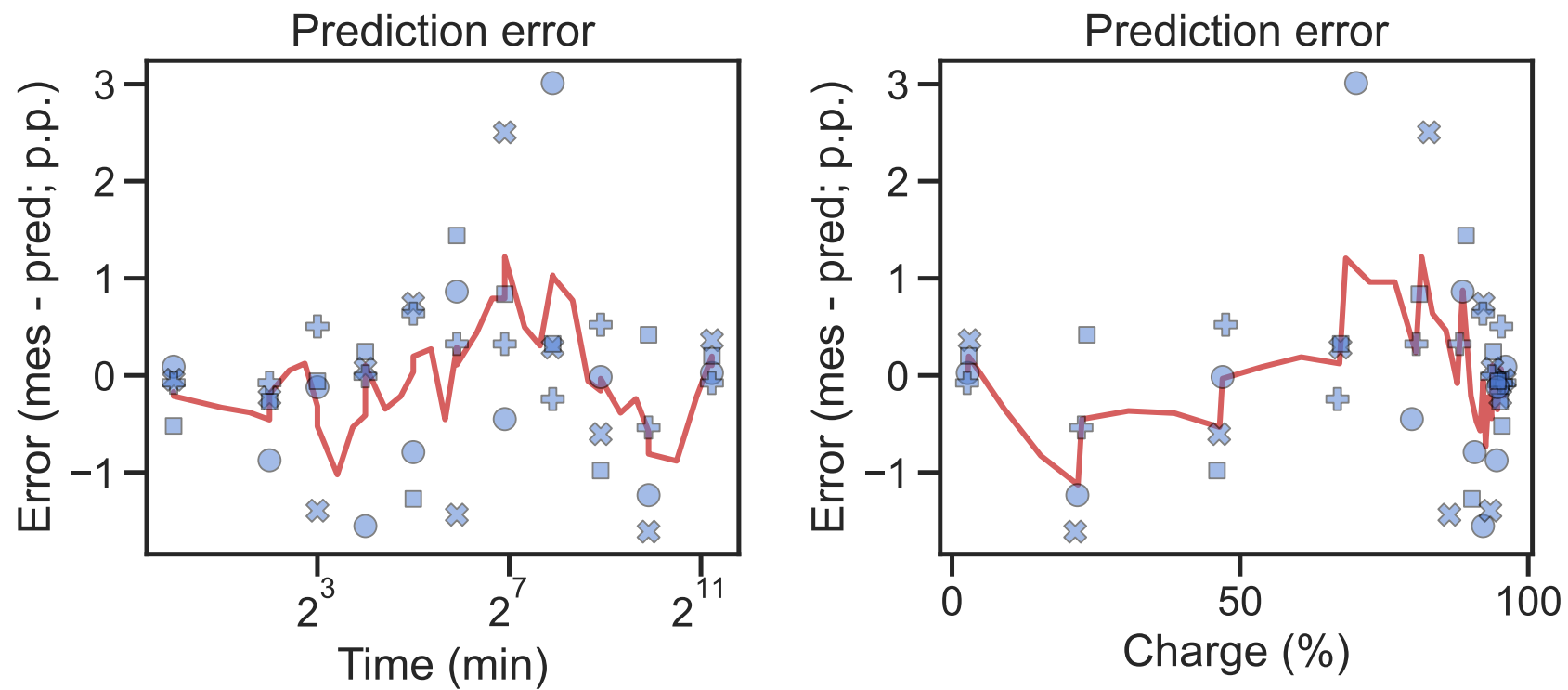
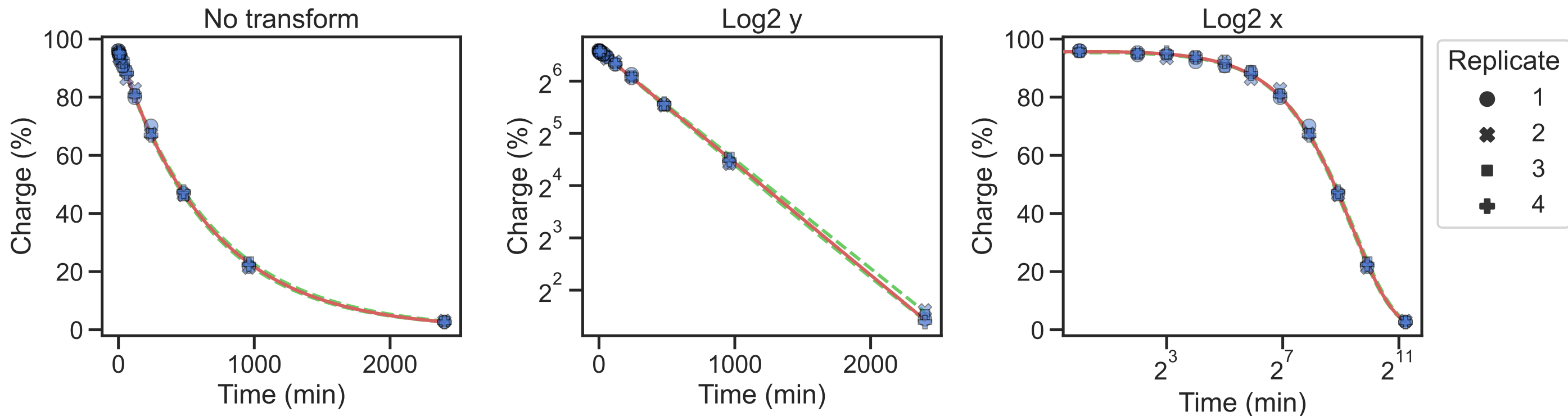
Lys-CTT-4-1 half-life=491 min, 95% CI (460; 525)



Lys-TTT-2-1 half-life=446 min, 95% CI (417; 477)

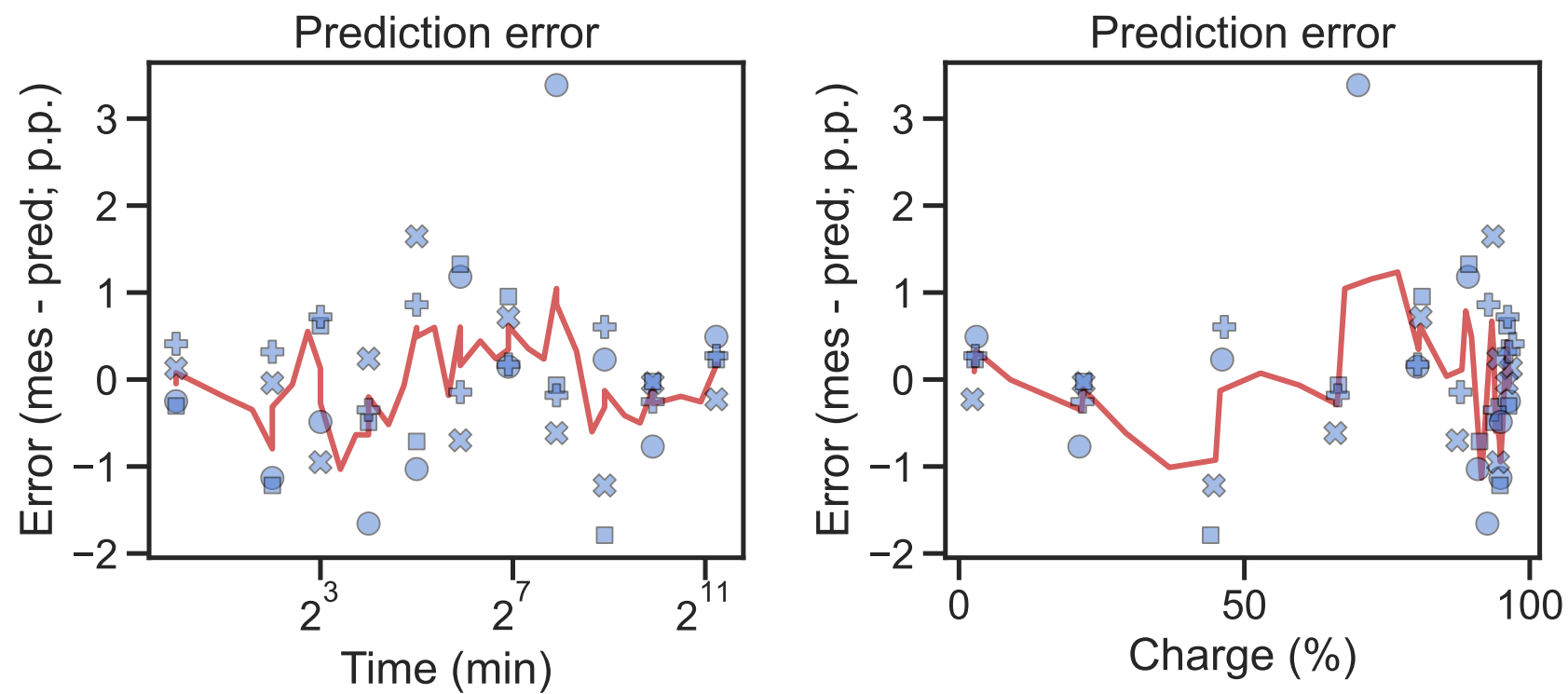
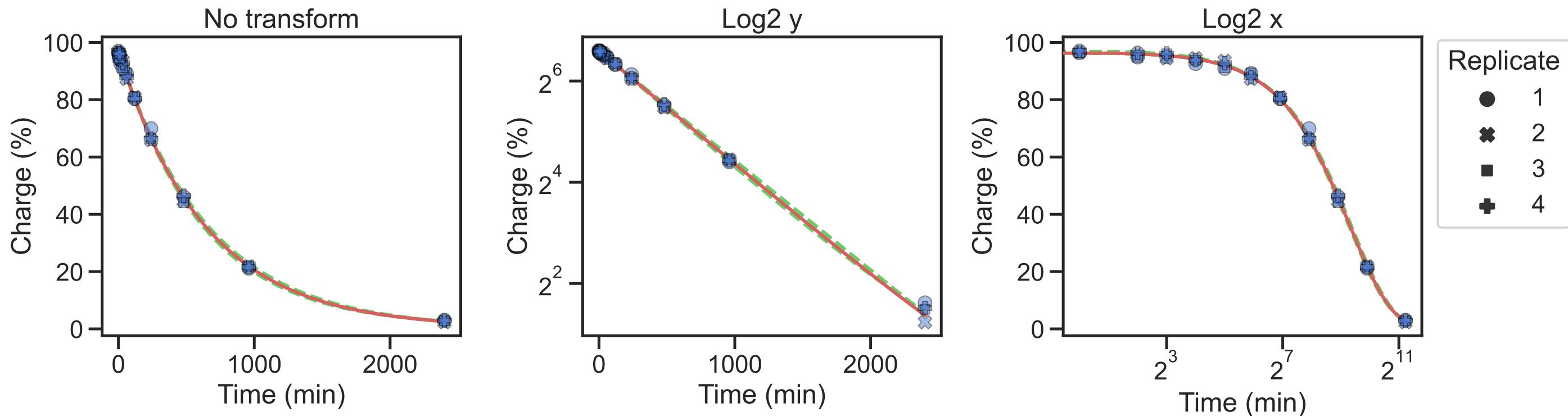


Lys-TTT-3-1 half-life=466 min, 95% CI (453; 480)

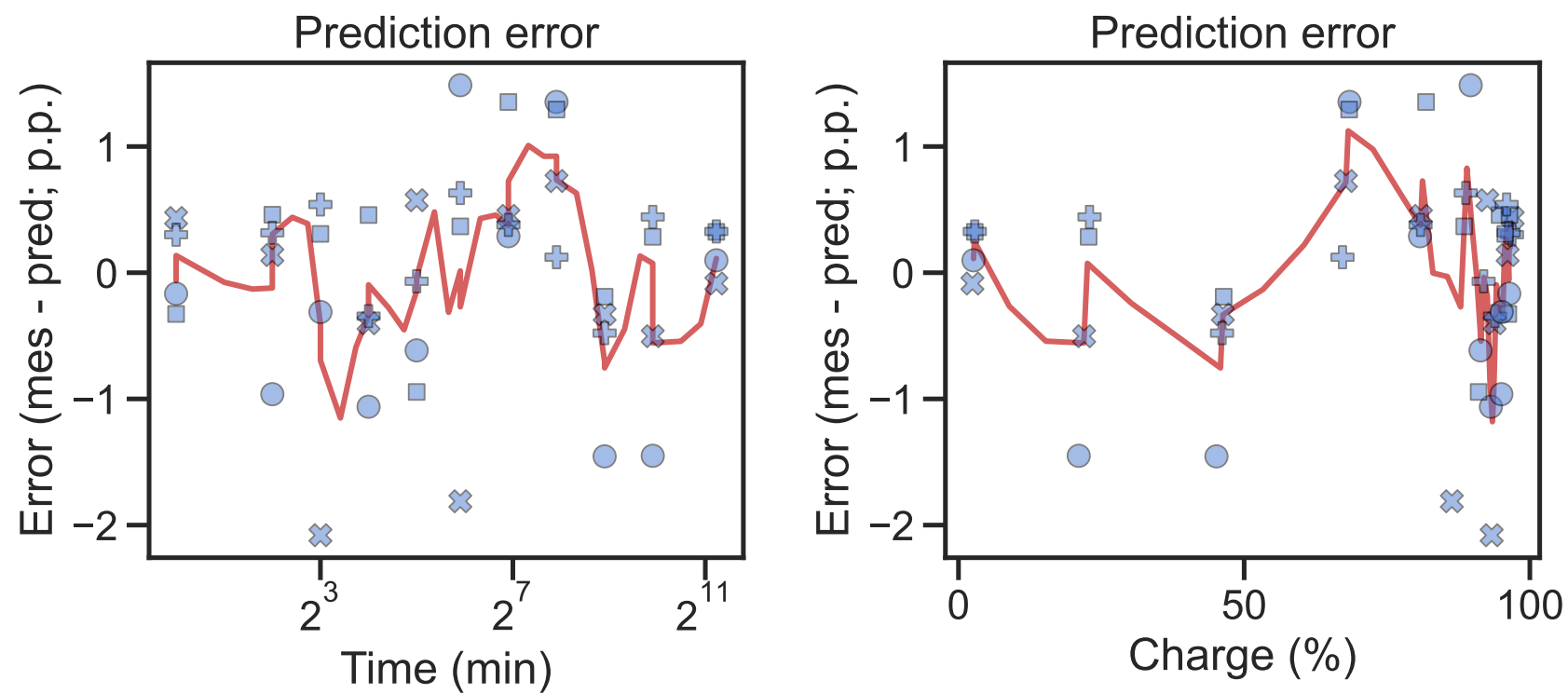
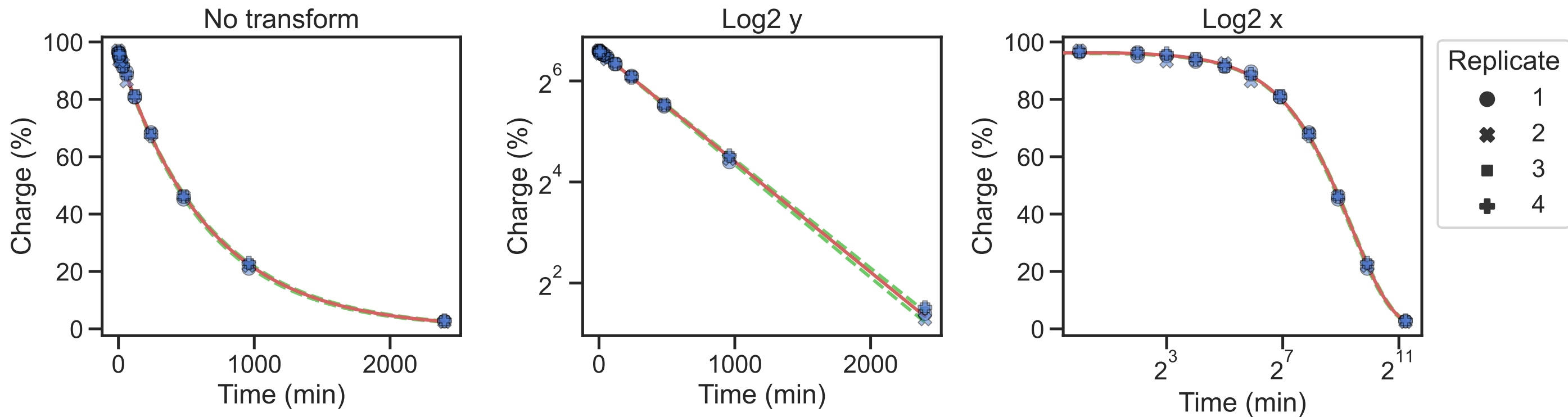




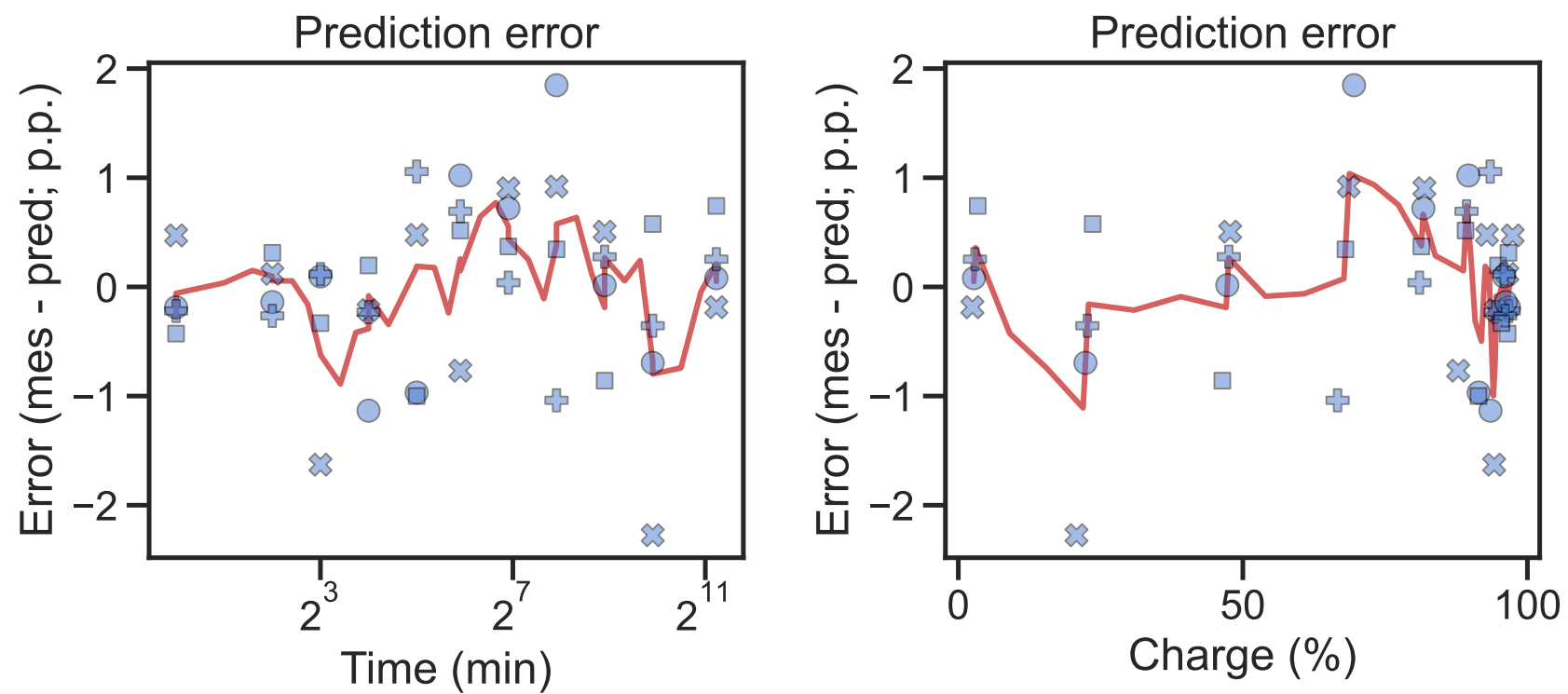
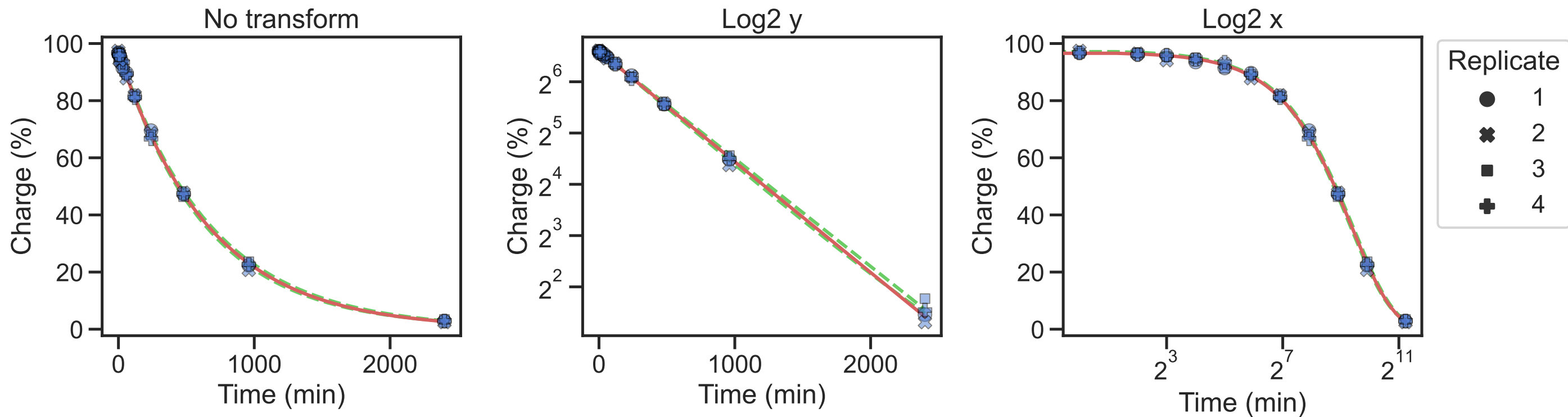
Lys-TTT-6-1 half-life=445 min, 95% CI (426; 462)



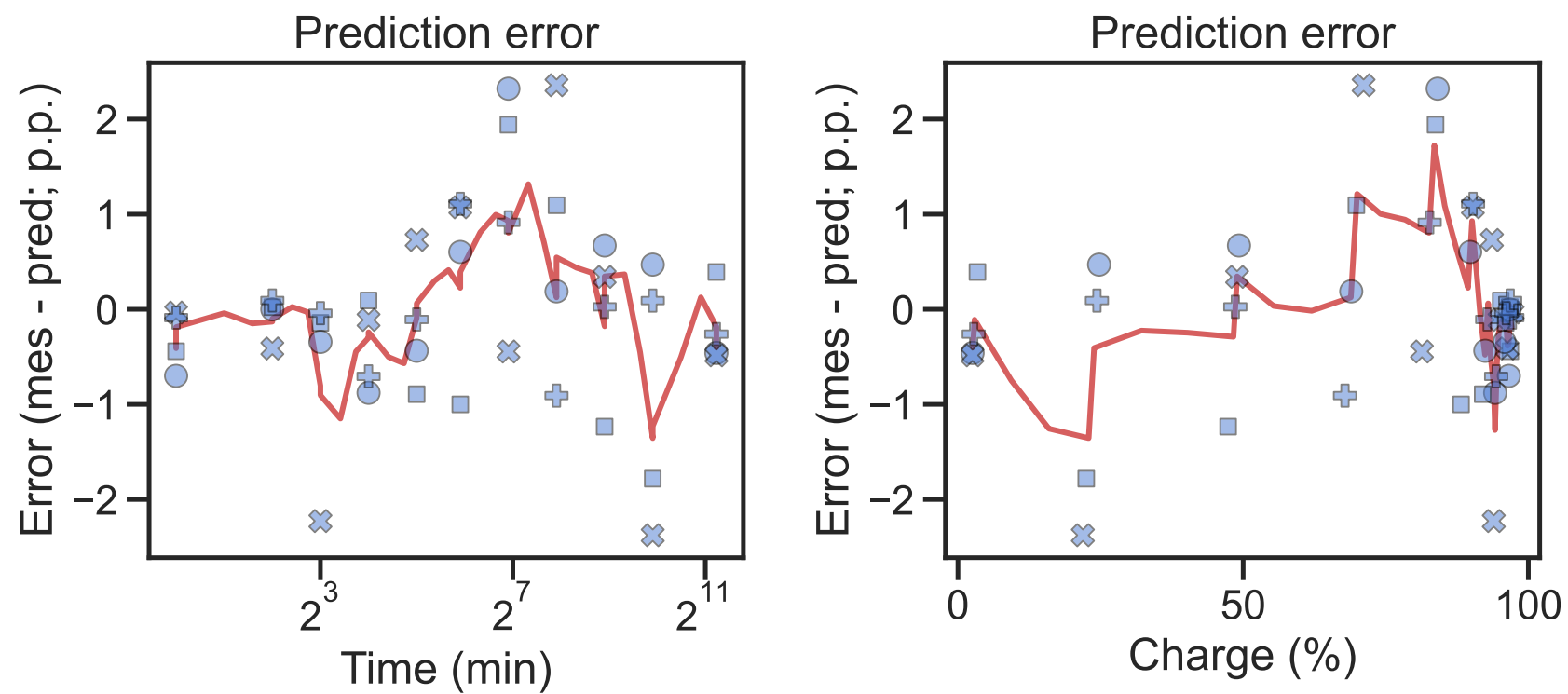
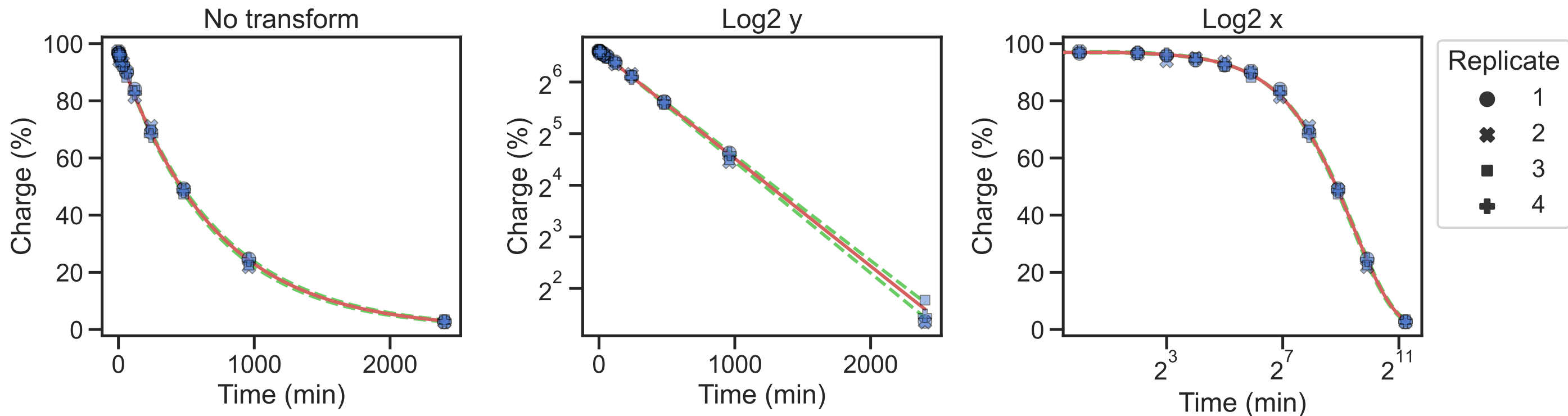
Met-CAT-1-1 half-life=457 min, 95% CI (444; 466)



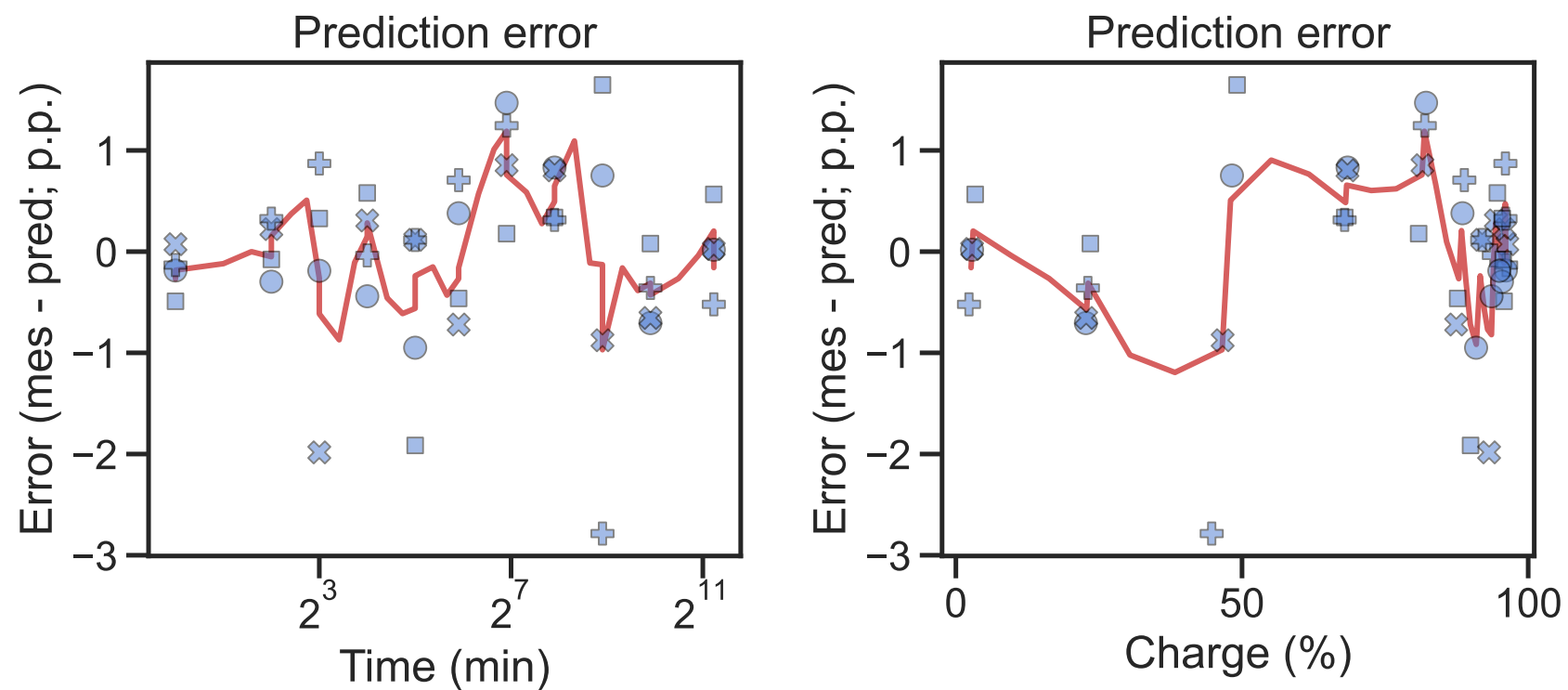
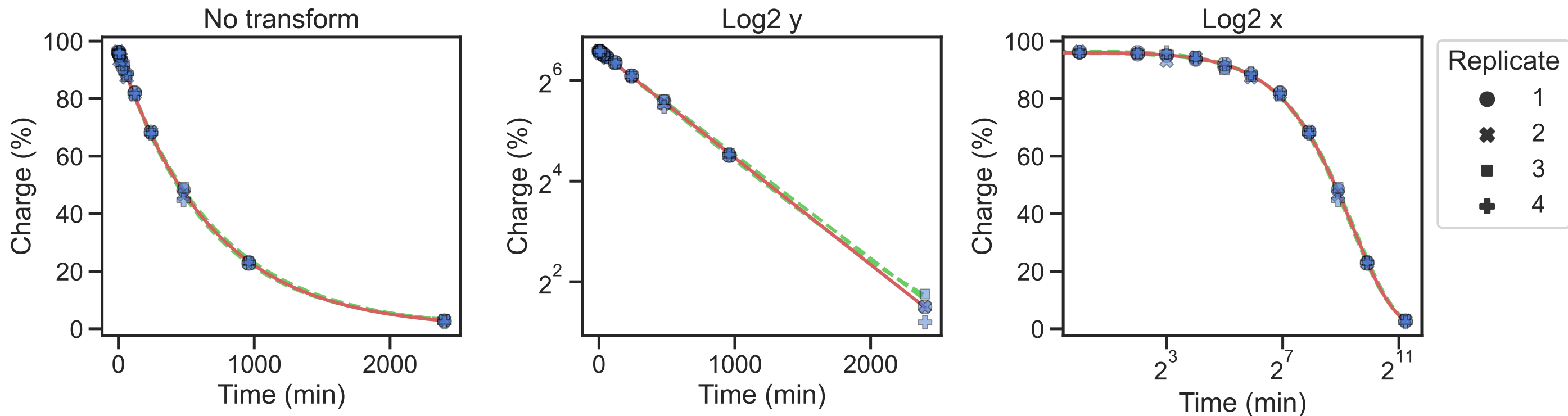
Met-CAT-3-1 half-life=463min, 95% CI (444; 476)



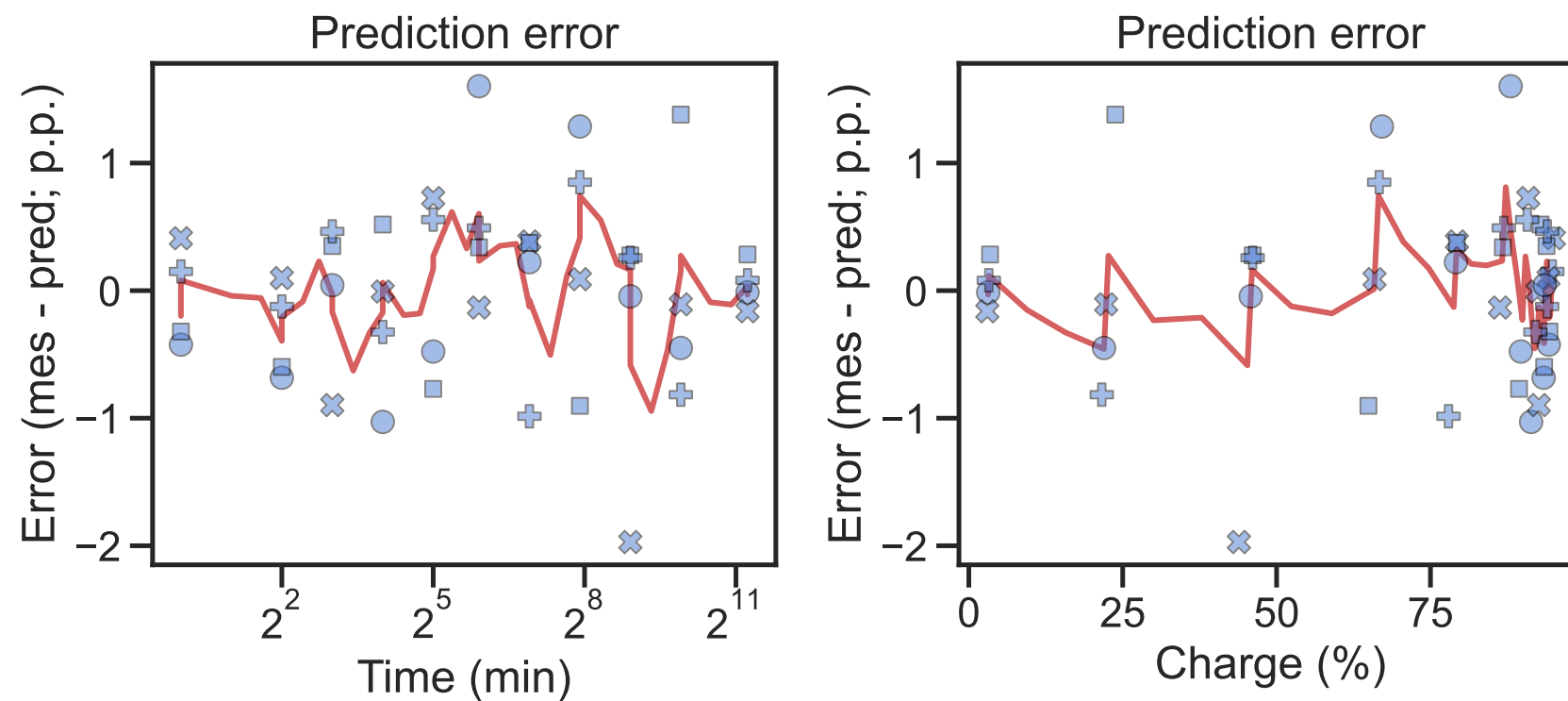
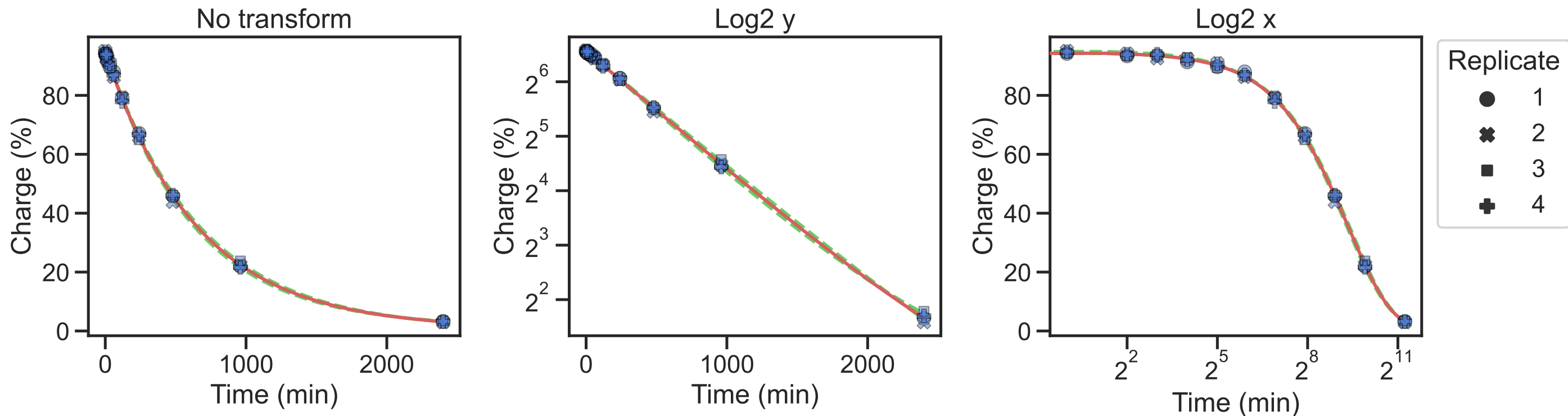
Met-CAT-4-1 half-life=479min, 95% CI (464; 492)



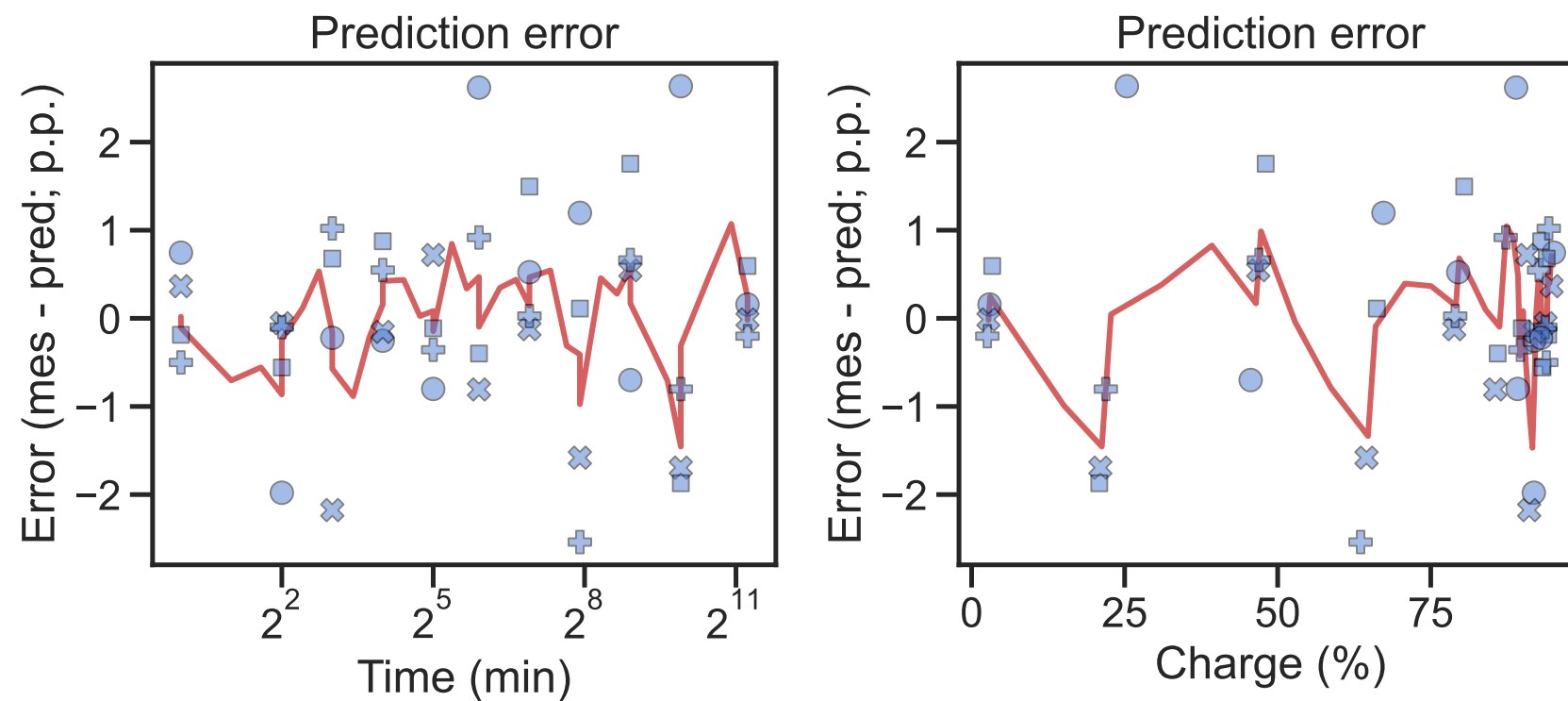
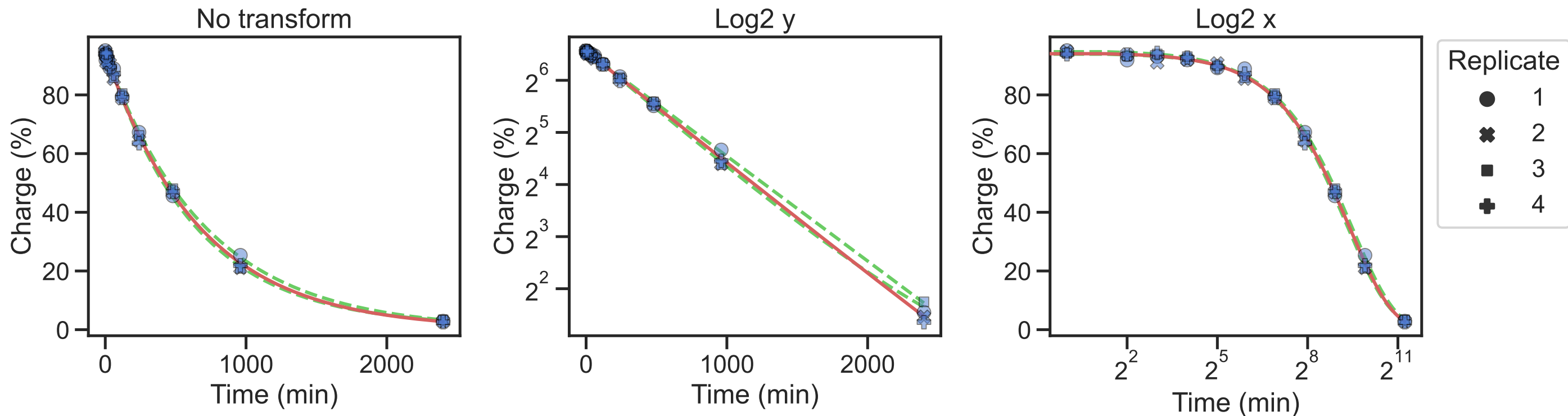
Met-CAT-6-1 half-life=471 min, 95% CI (448; 485)



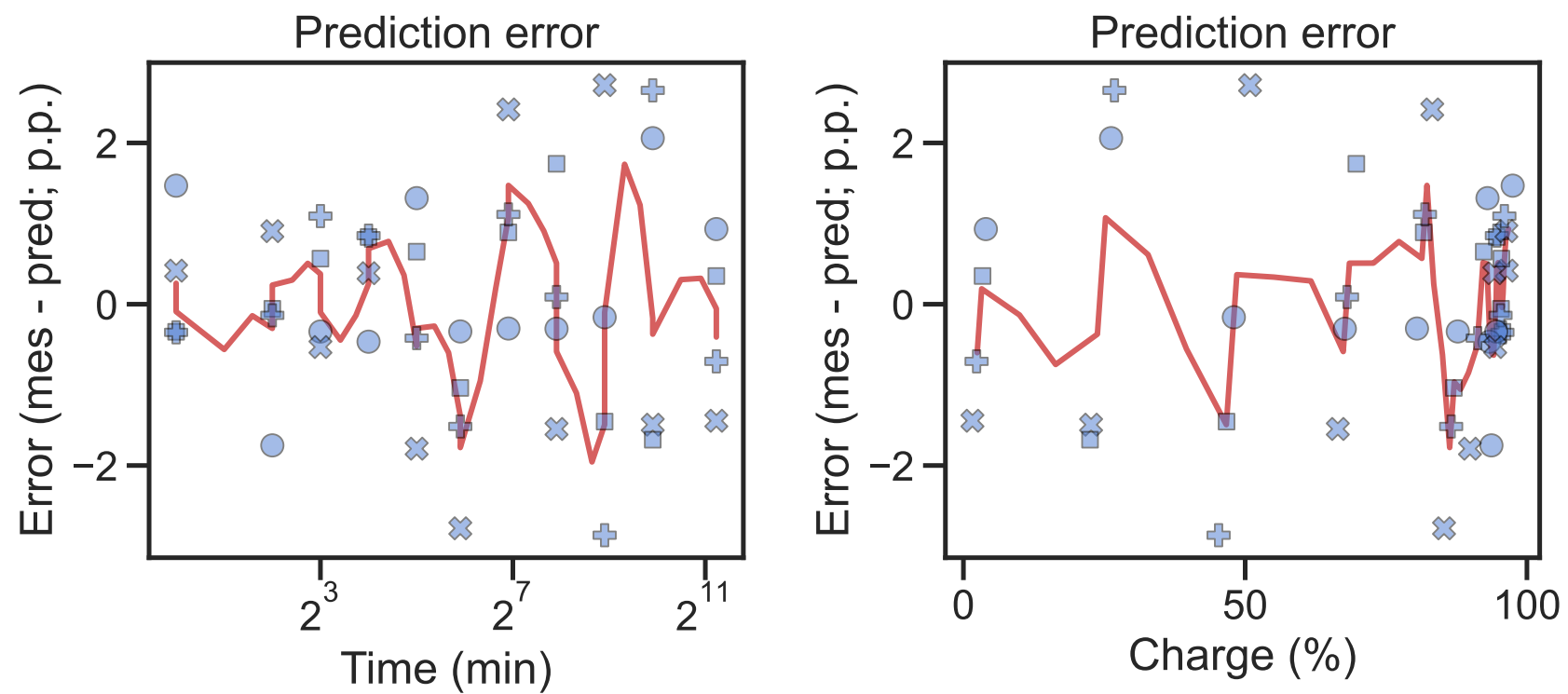
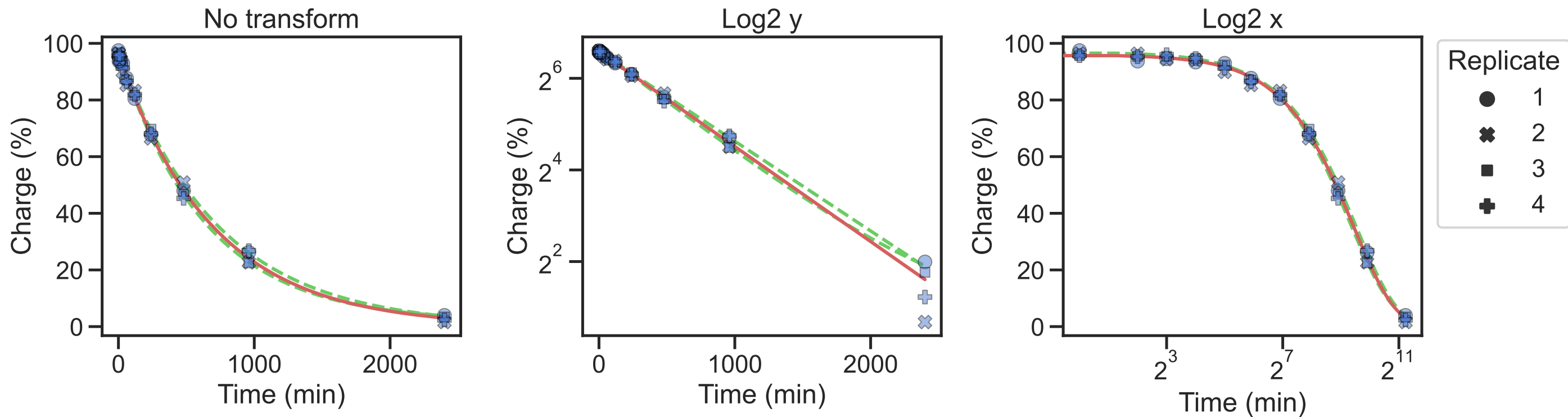
Phe-GAA-1-1 half-life=454 min, 95% CI (433; 470)



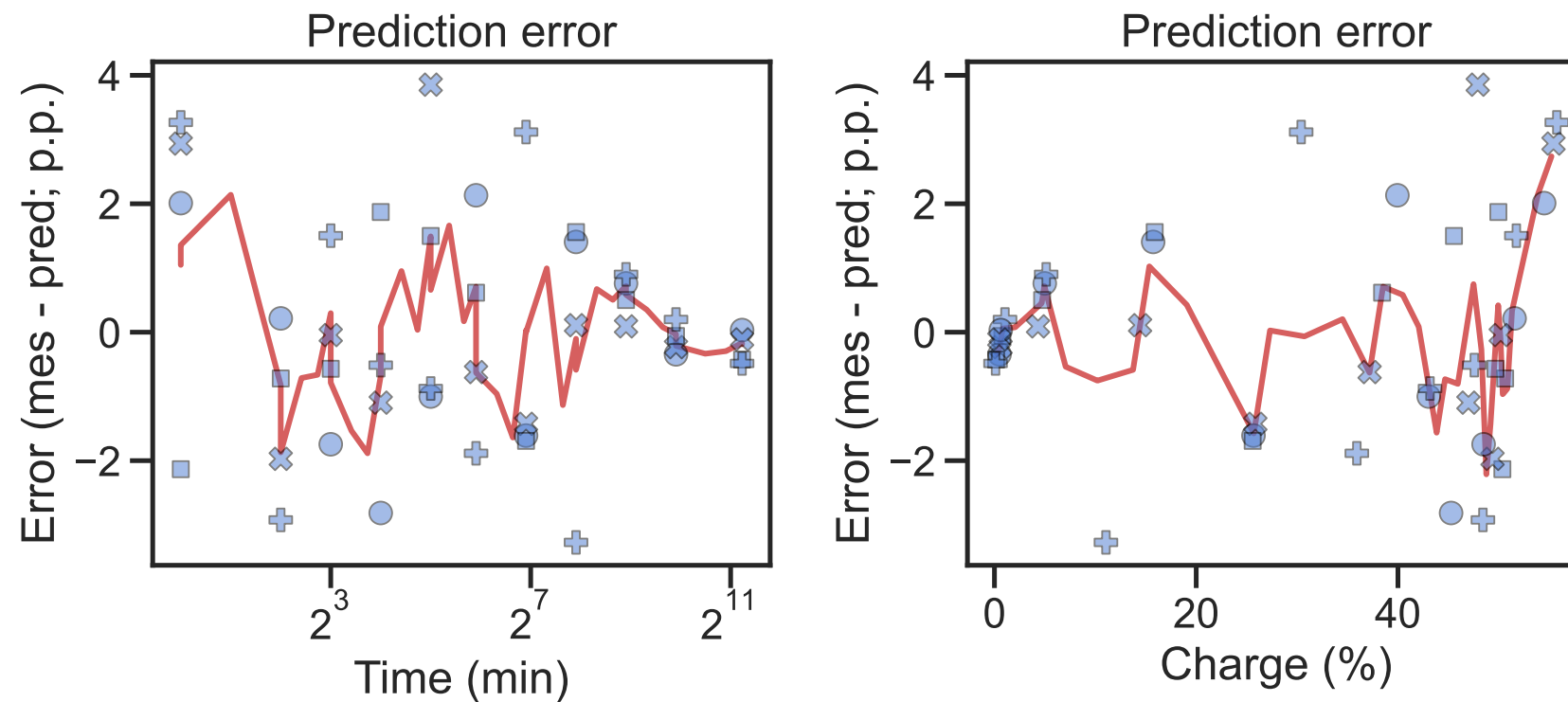
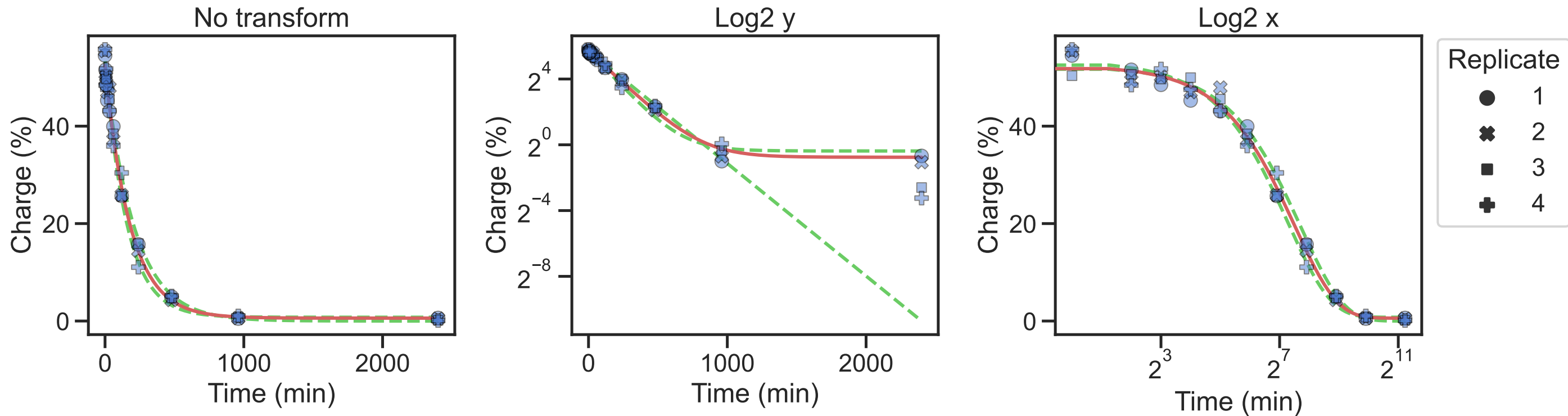
Phe-GAA-2-1 half-life=466 min, 95% CI (438; 497)



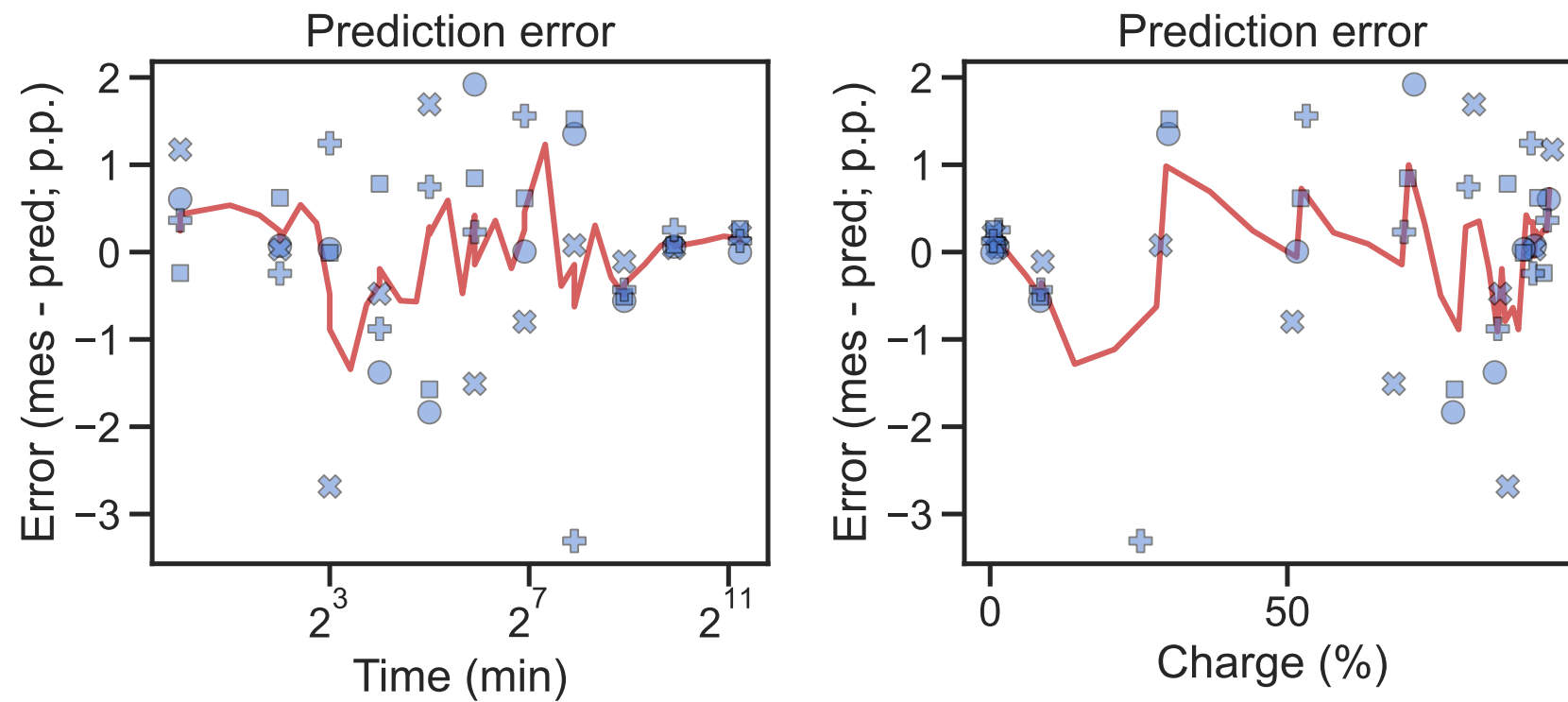
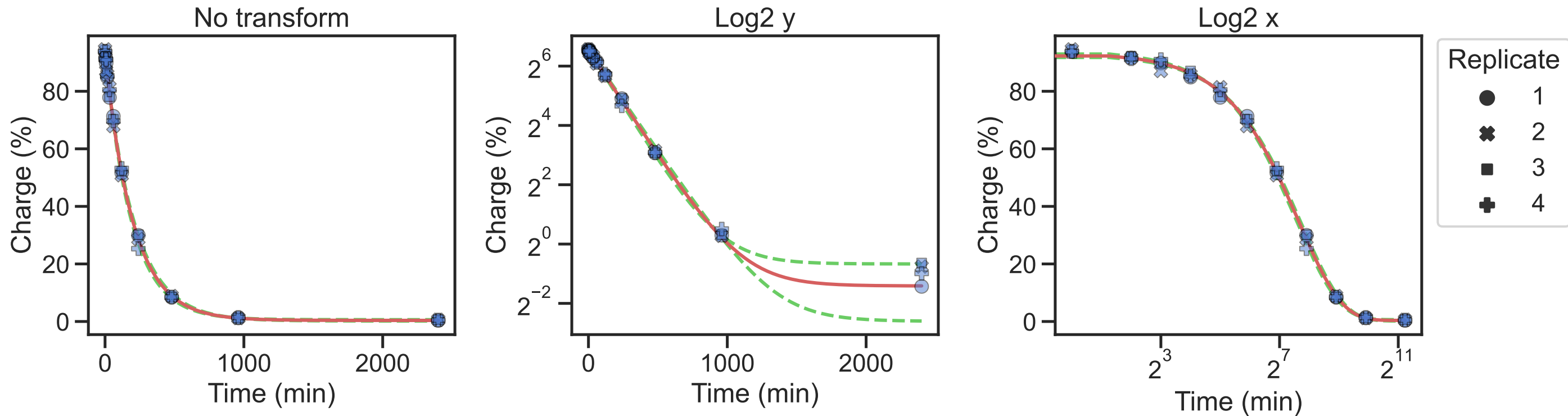
Phe-GAA-3-1 half-life=482 min, 95% CI (443; 511)



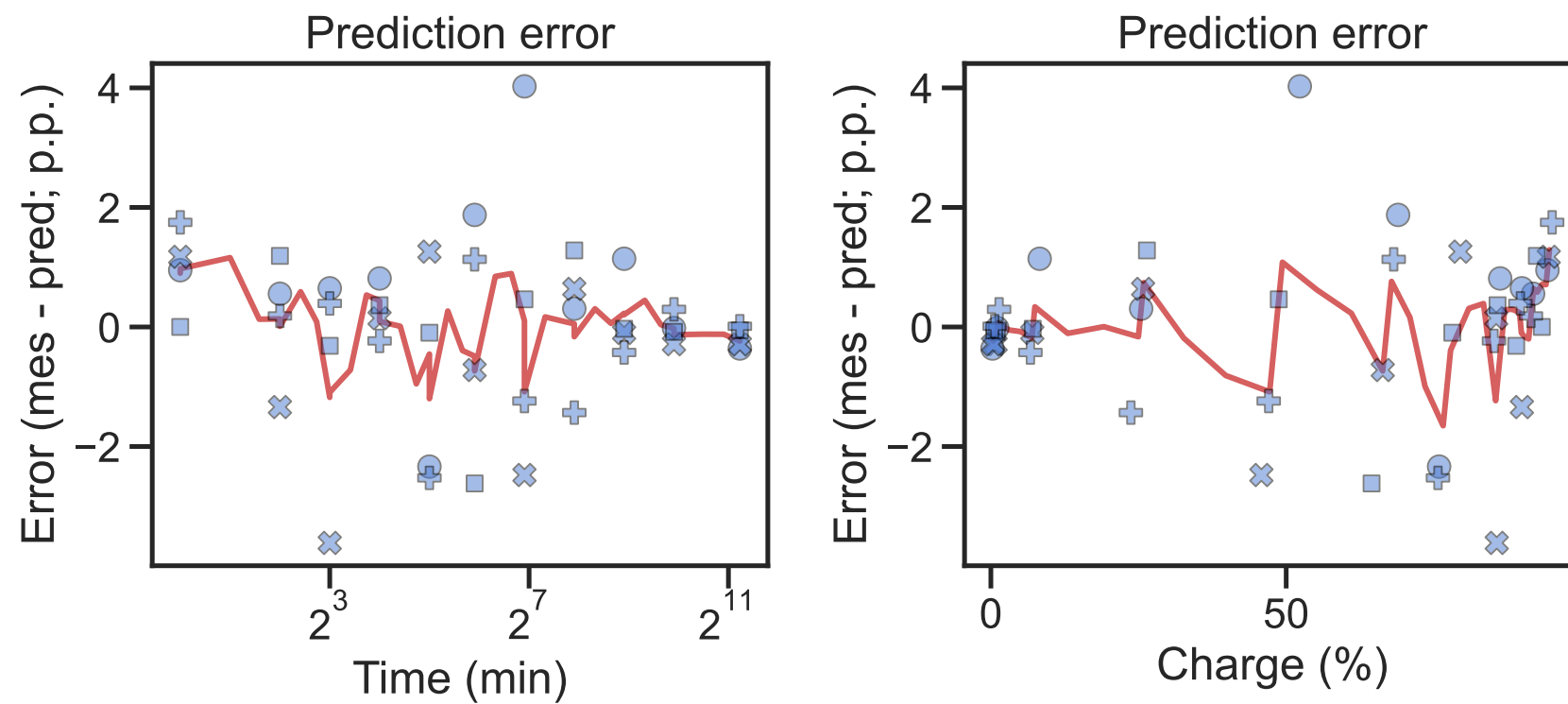
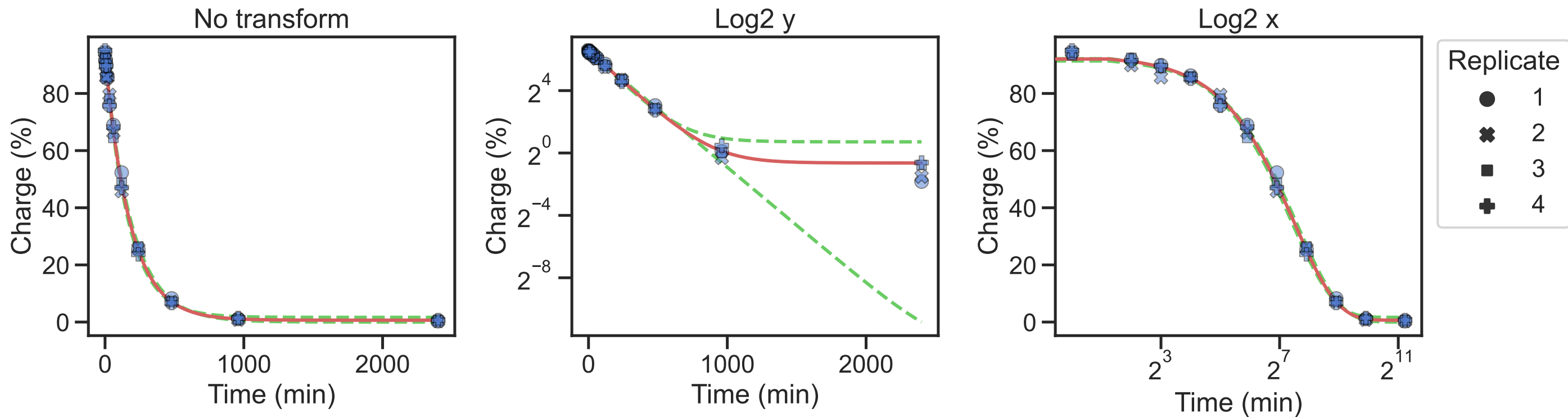




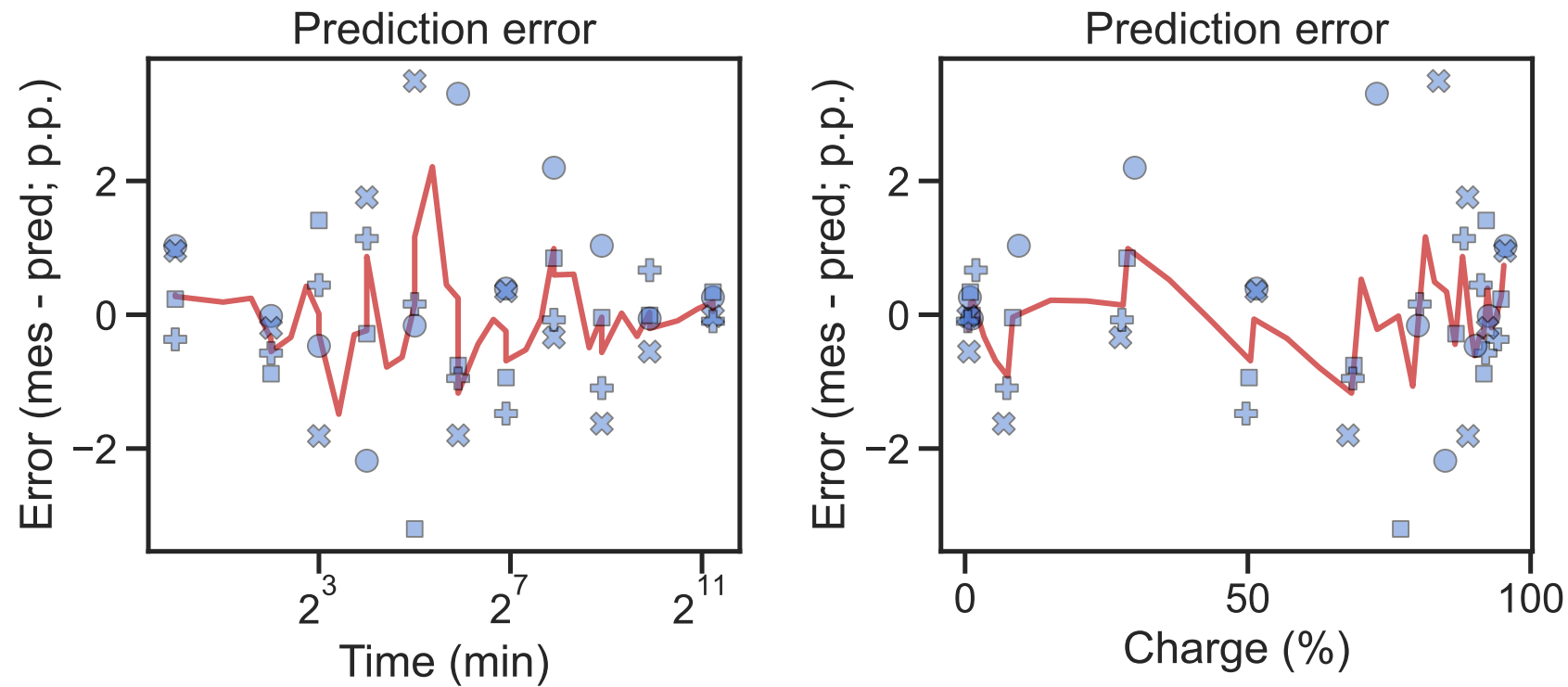
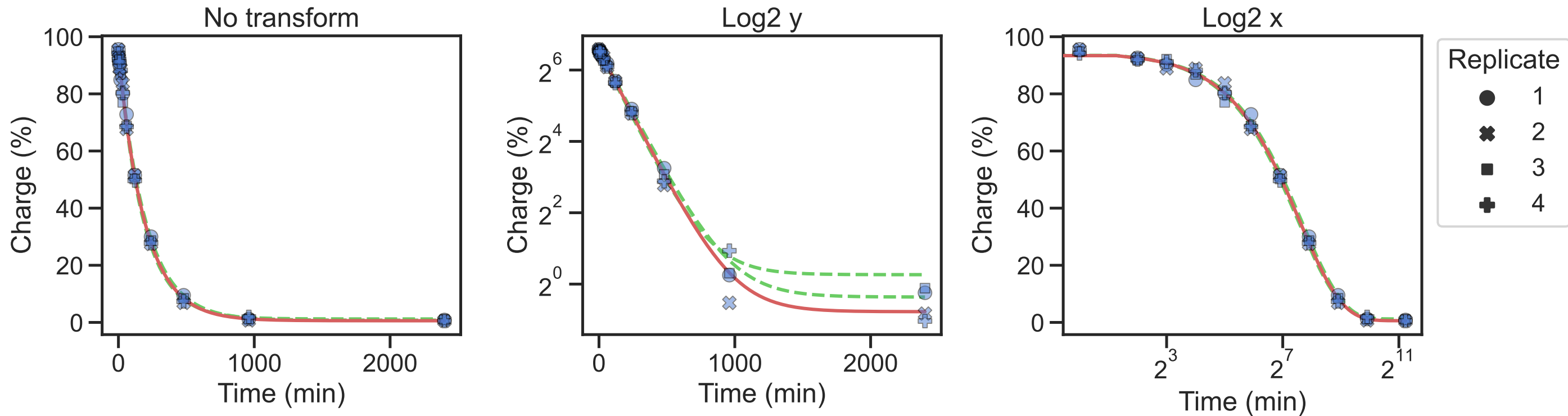
Pro-AGG-2-1 half-life=140 min, 95% CI (131; 147)



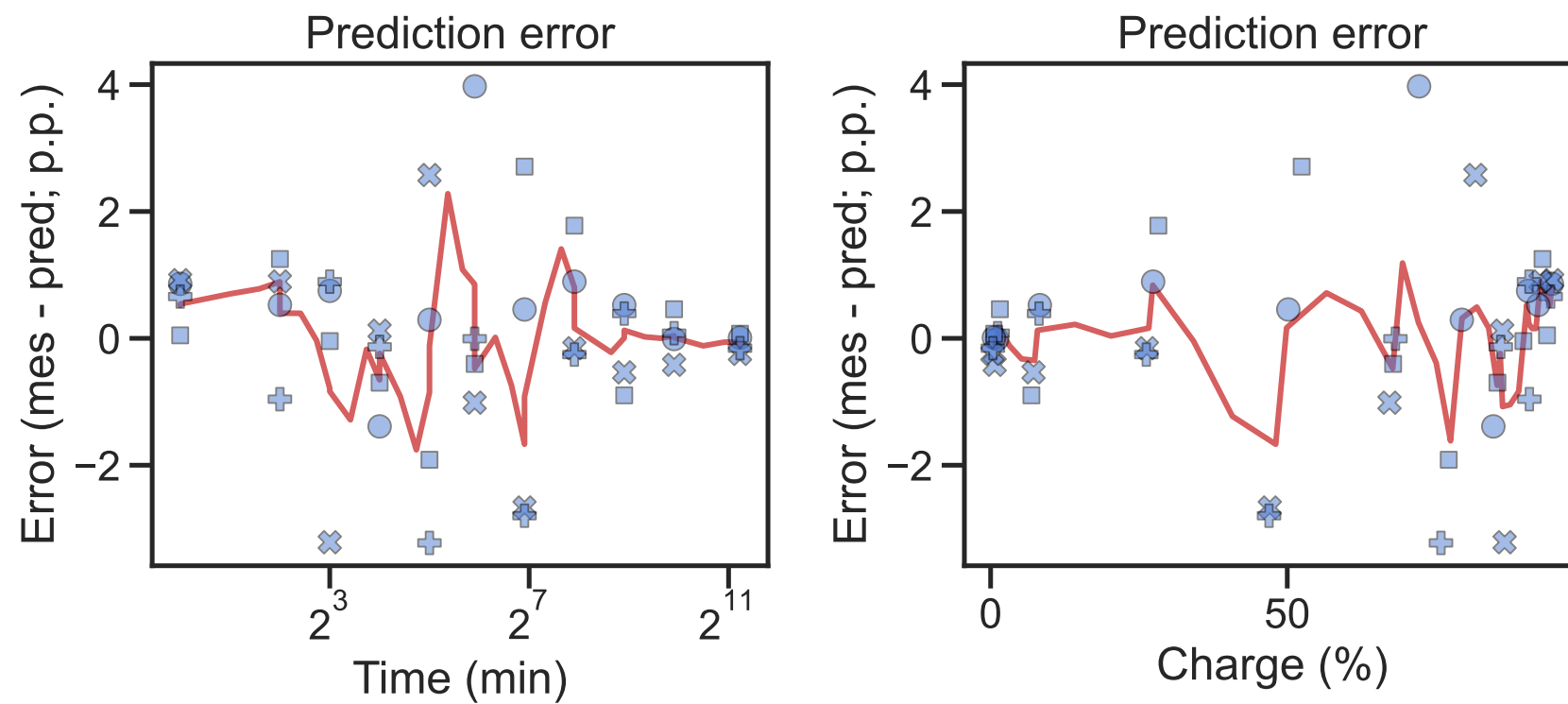
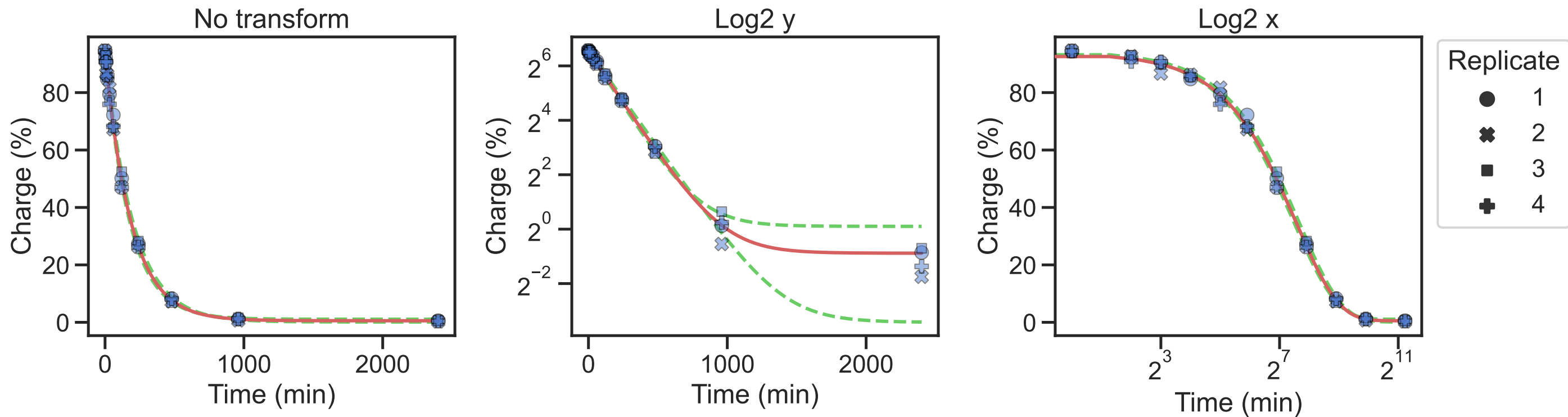
Pro-CGG-1-1 half-life=125 min, 95% CI (116; 134)



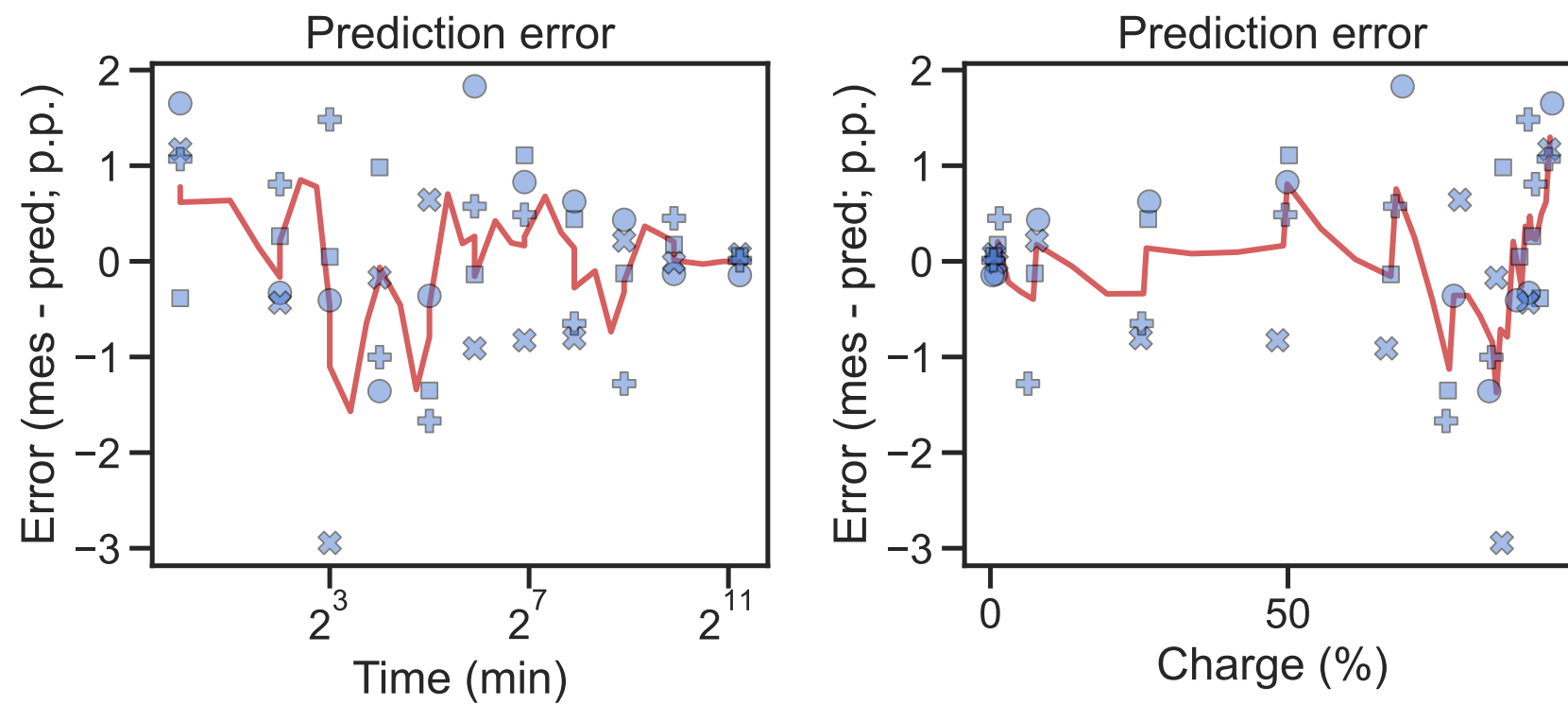
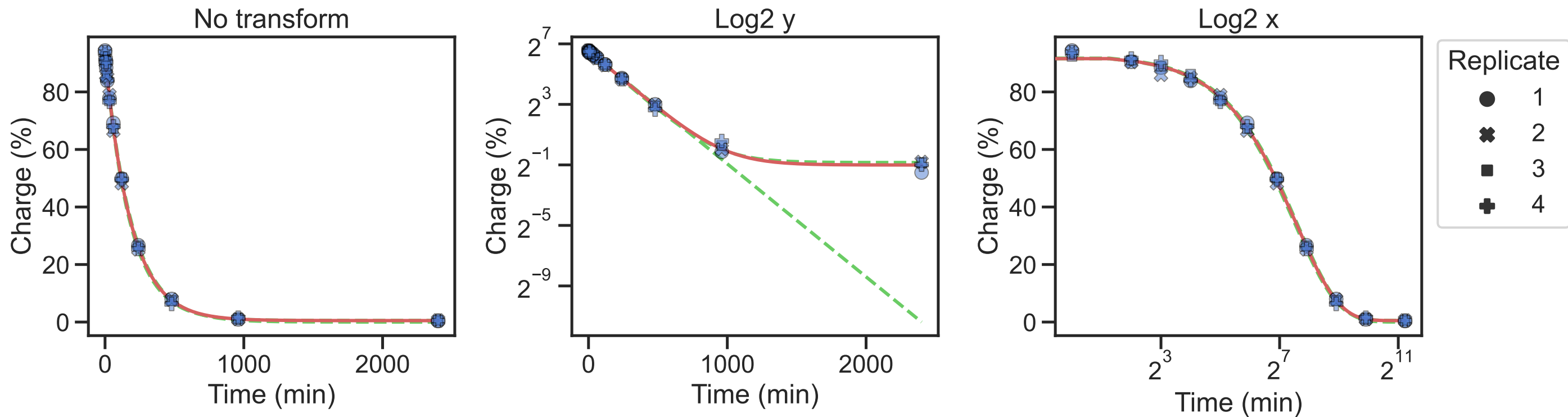
Pro-CGG-2-1 half-life=134 min, 95% CI (128; 140)



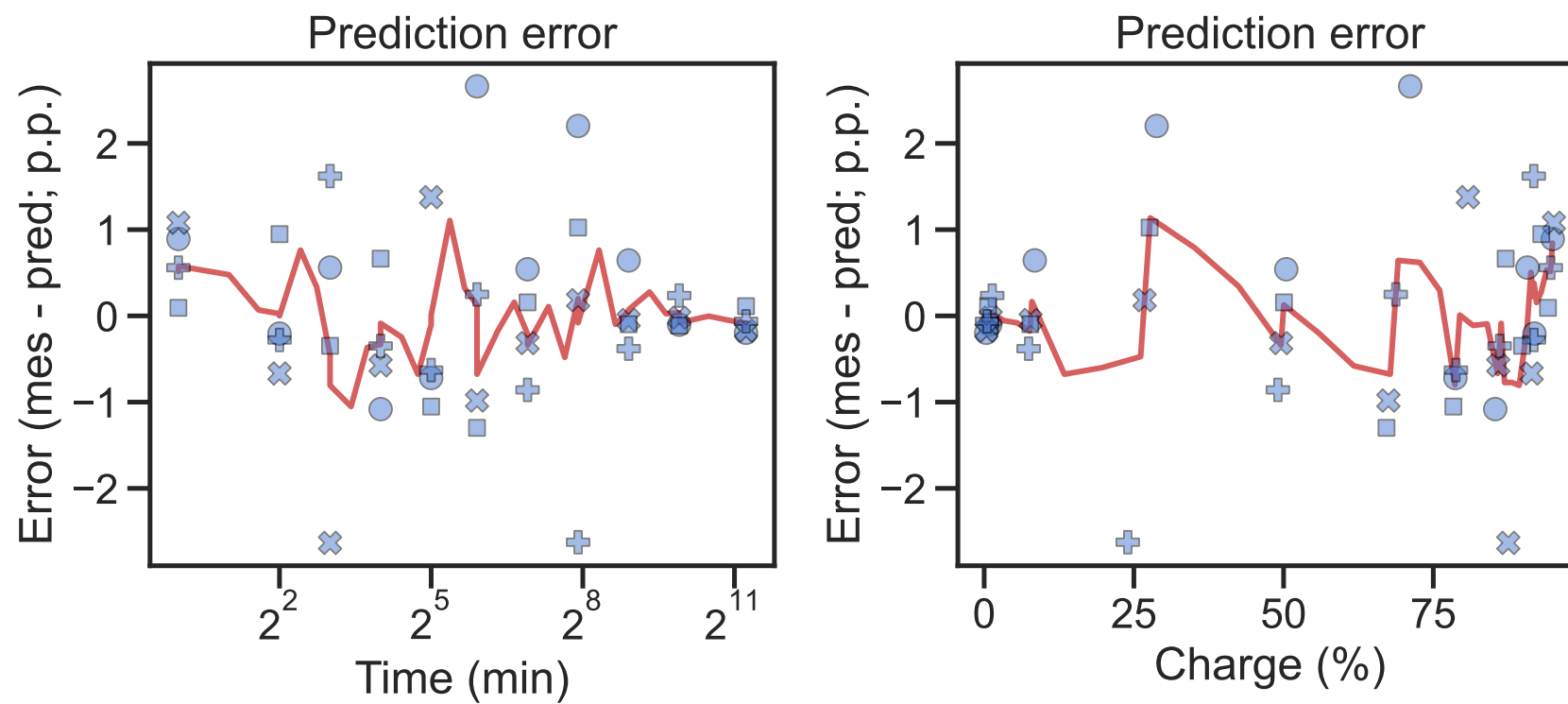
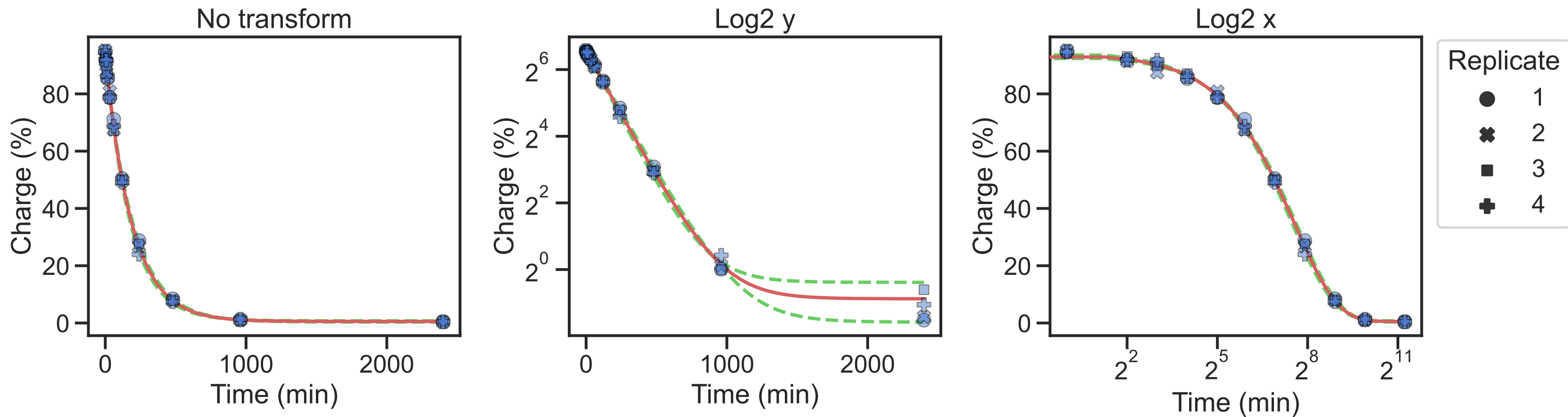
Pro-TGG-1-1 half-life=130 min, 95% CI (122; 140)



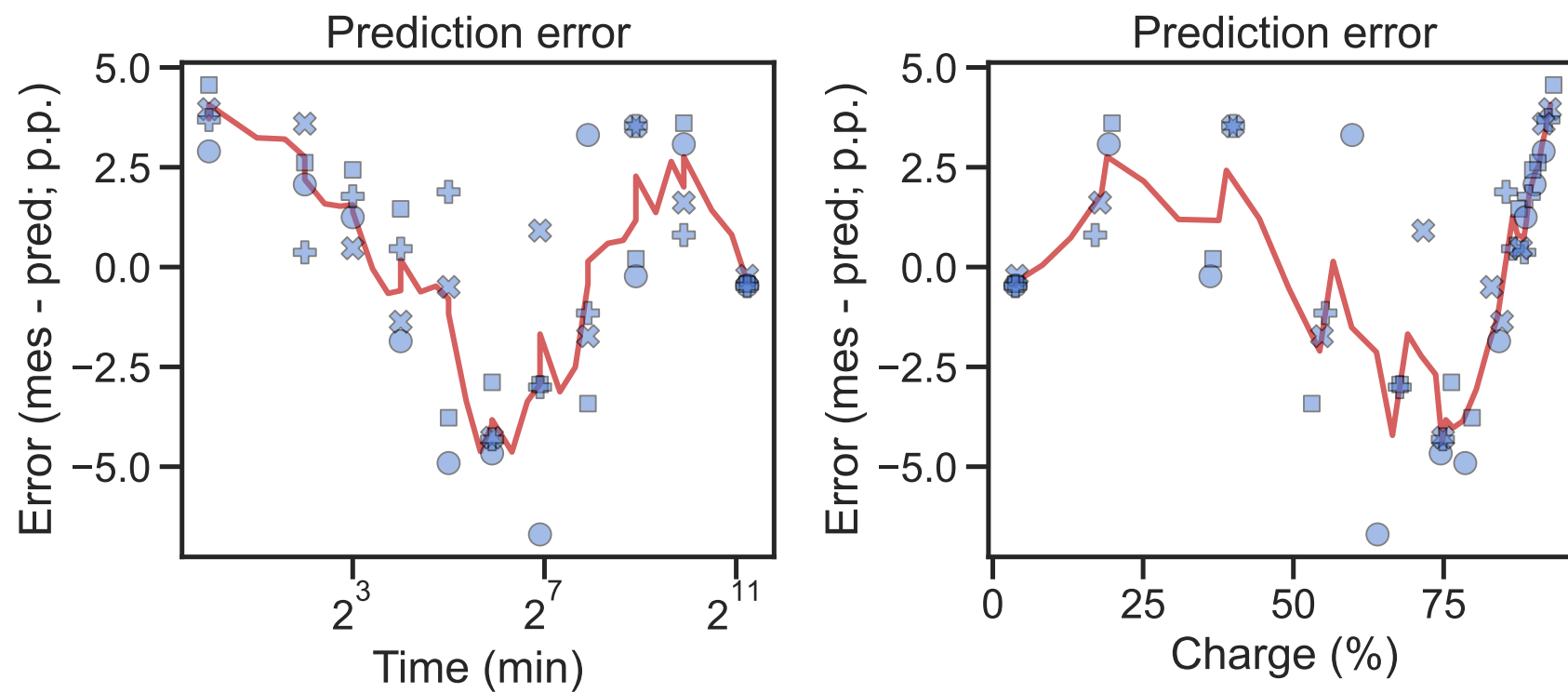
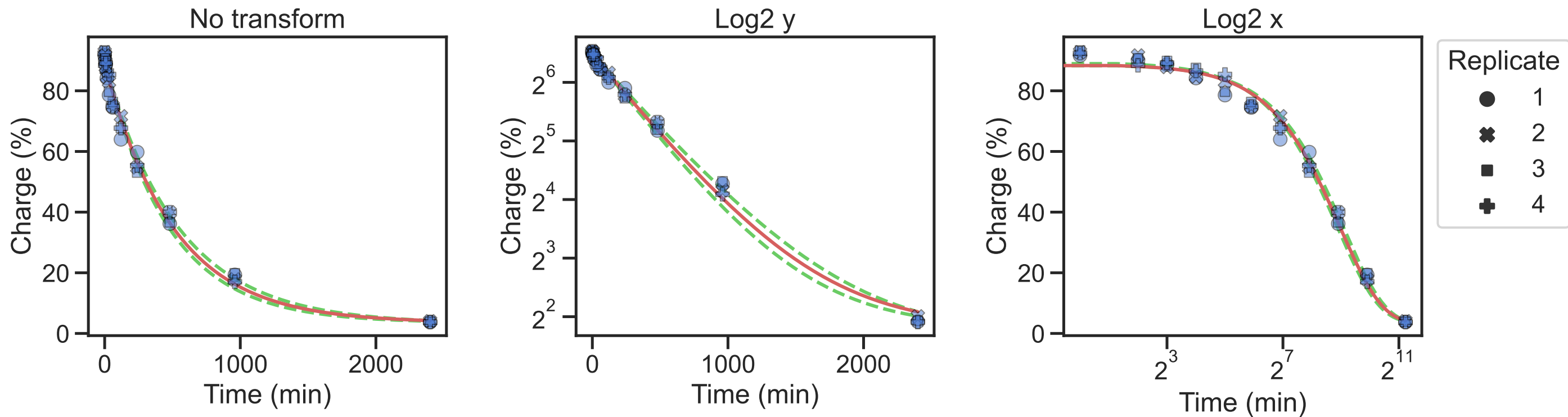
Pro-TGG-2-1 half-life=130 min, 95% CI (126; 134)



Pro-TGG-3-1 half-life=130 min, 95% CI (122; 137)

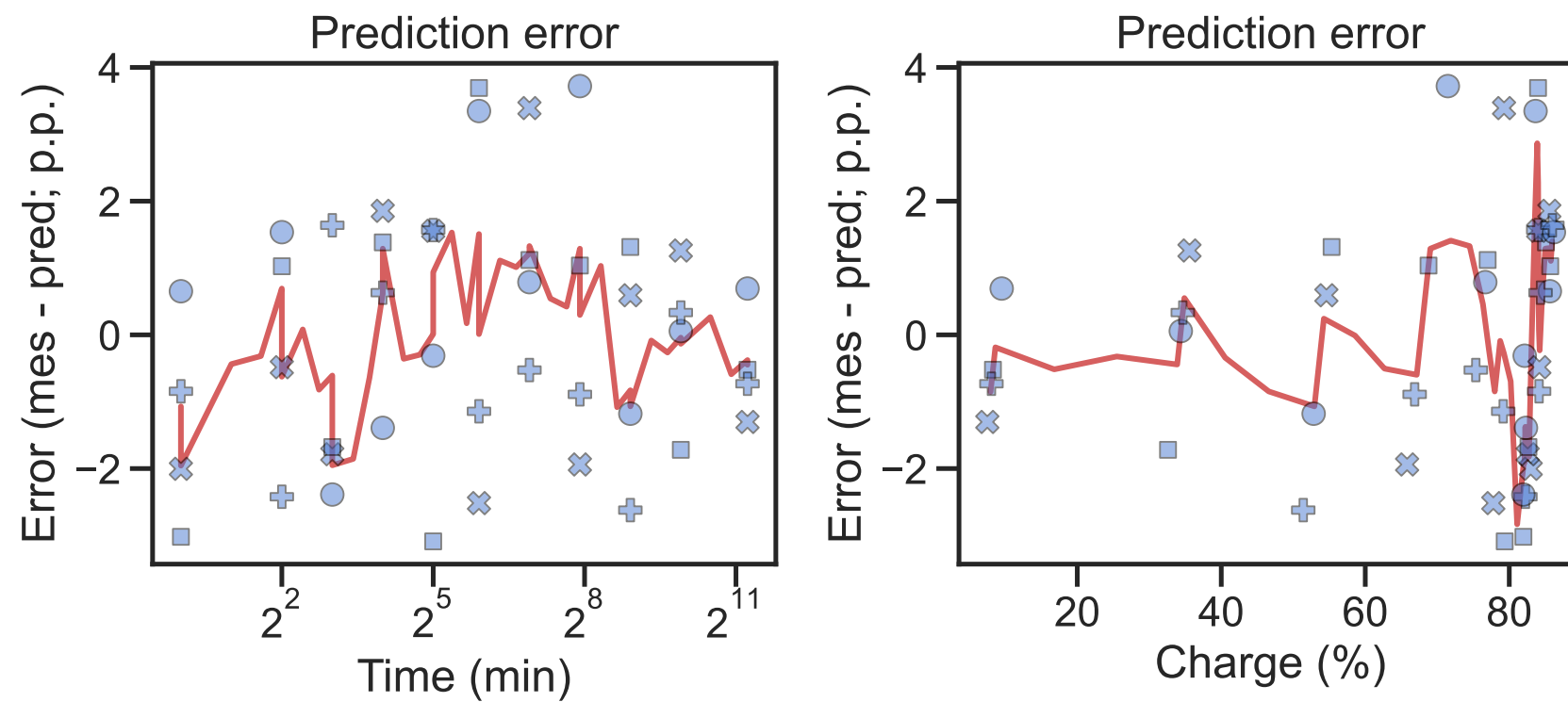
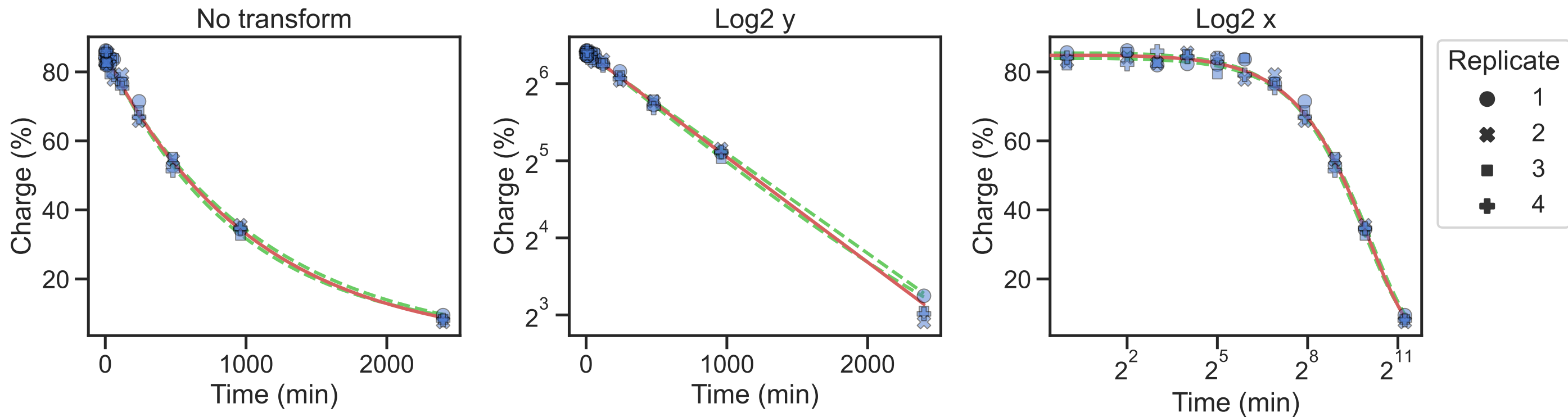


SeC-TCA-1-1 half-life=350 min, 95% CI (326; 381)

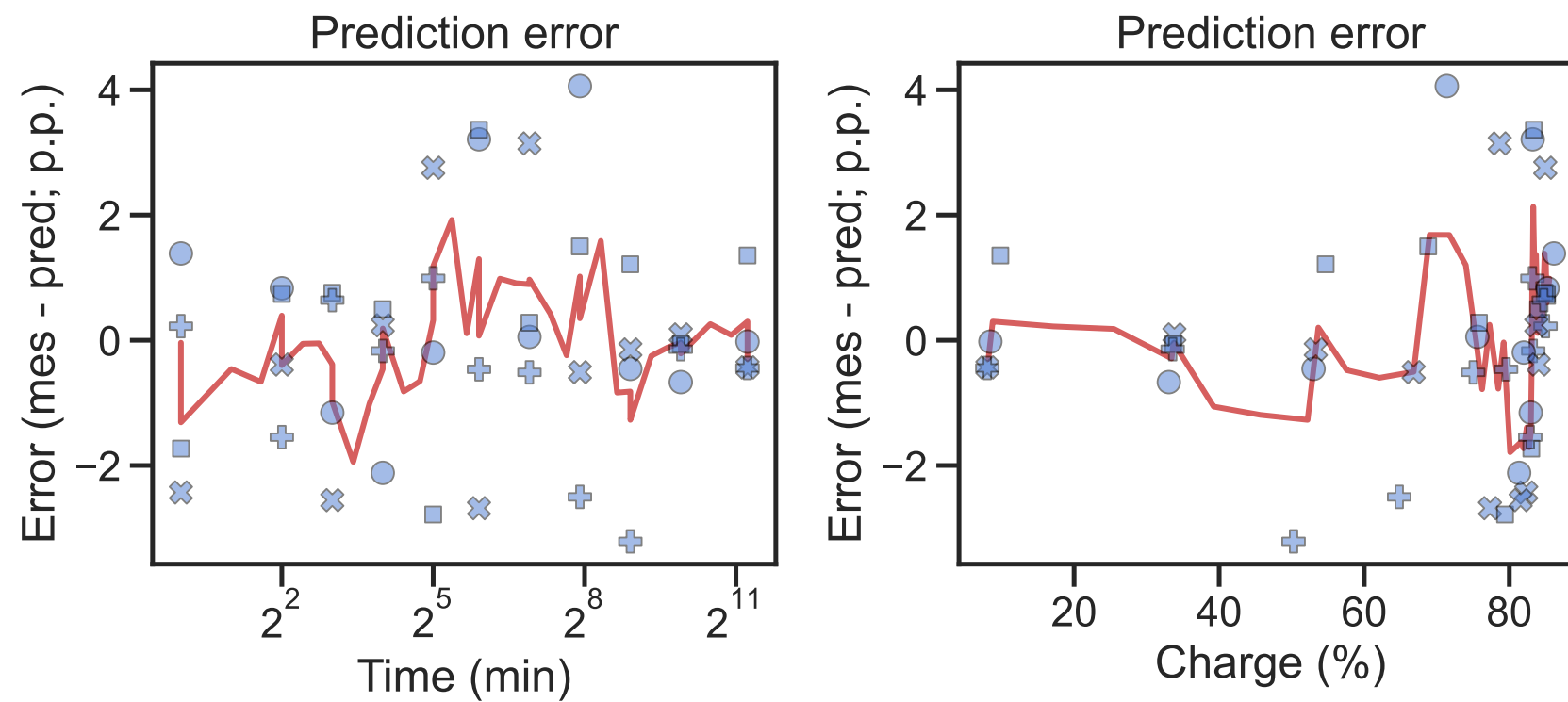
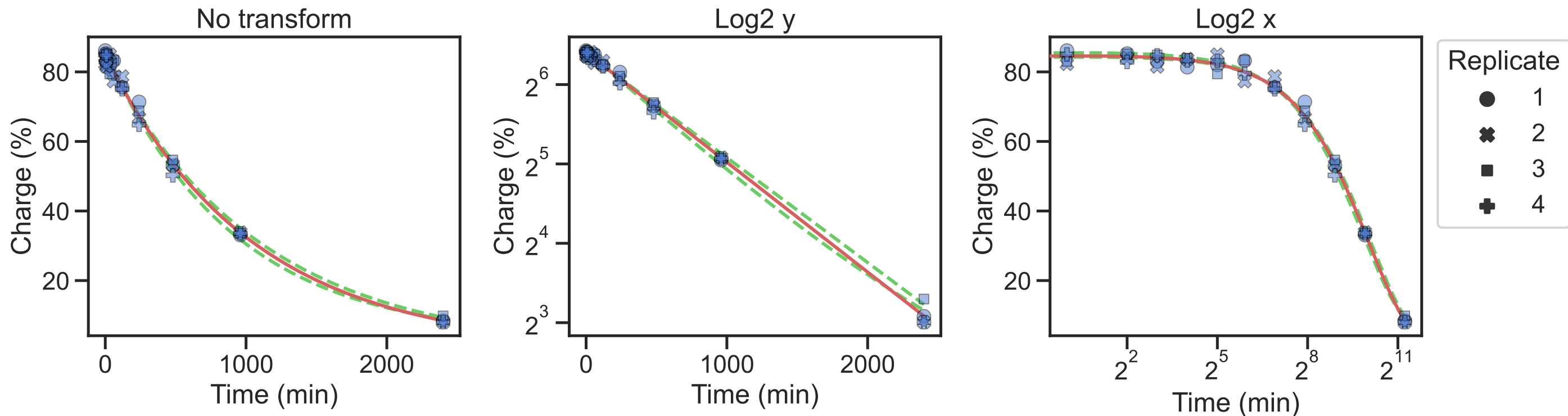




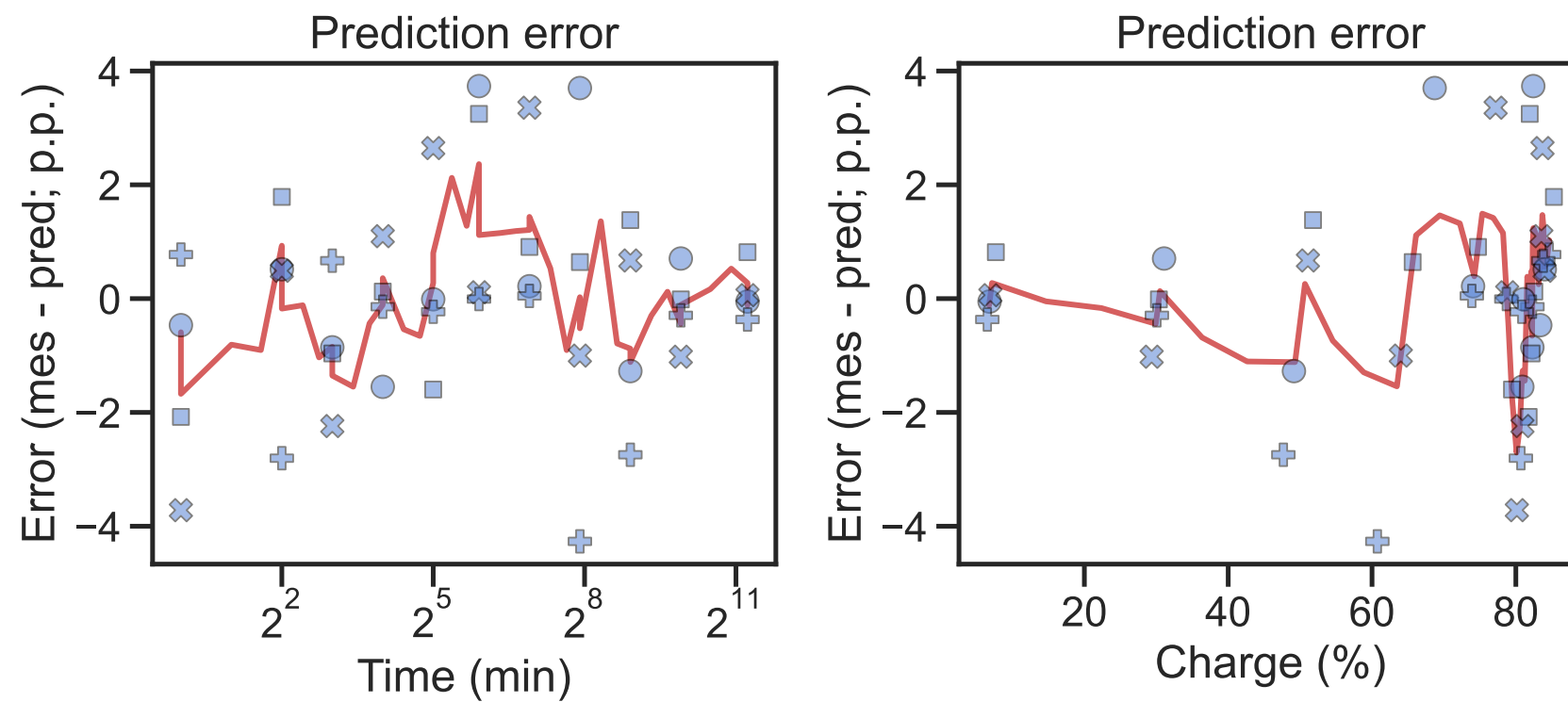
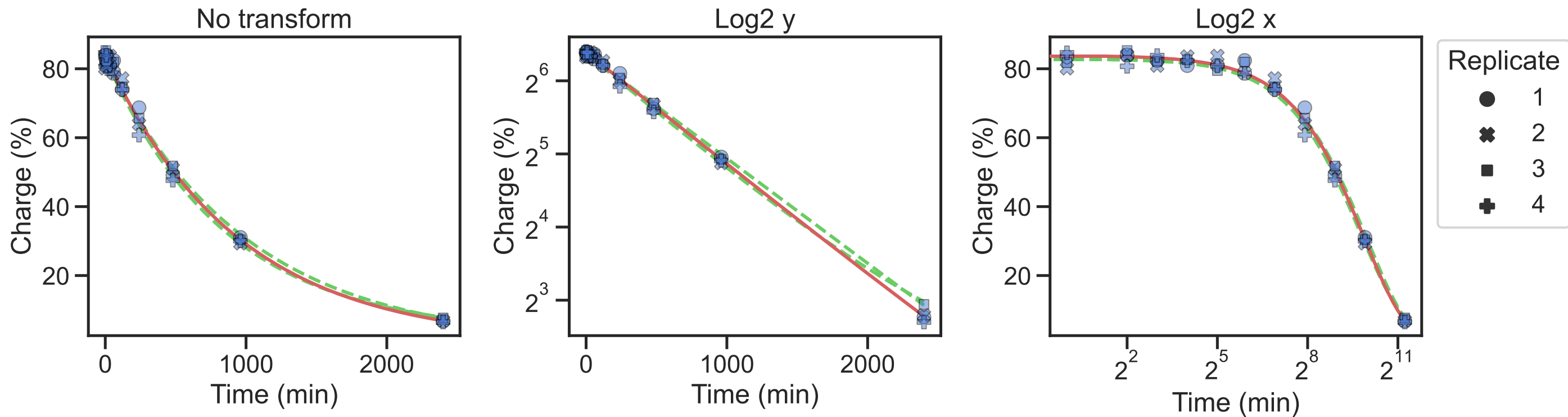
Ser-AGA-1-1 half-life=734 min, 95% CI (657; 771)



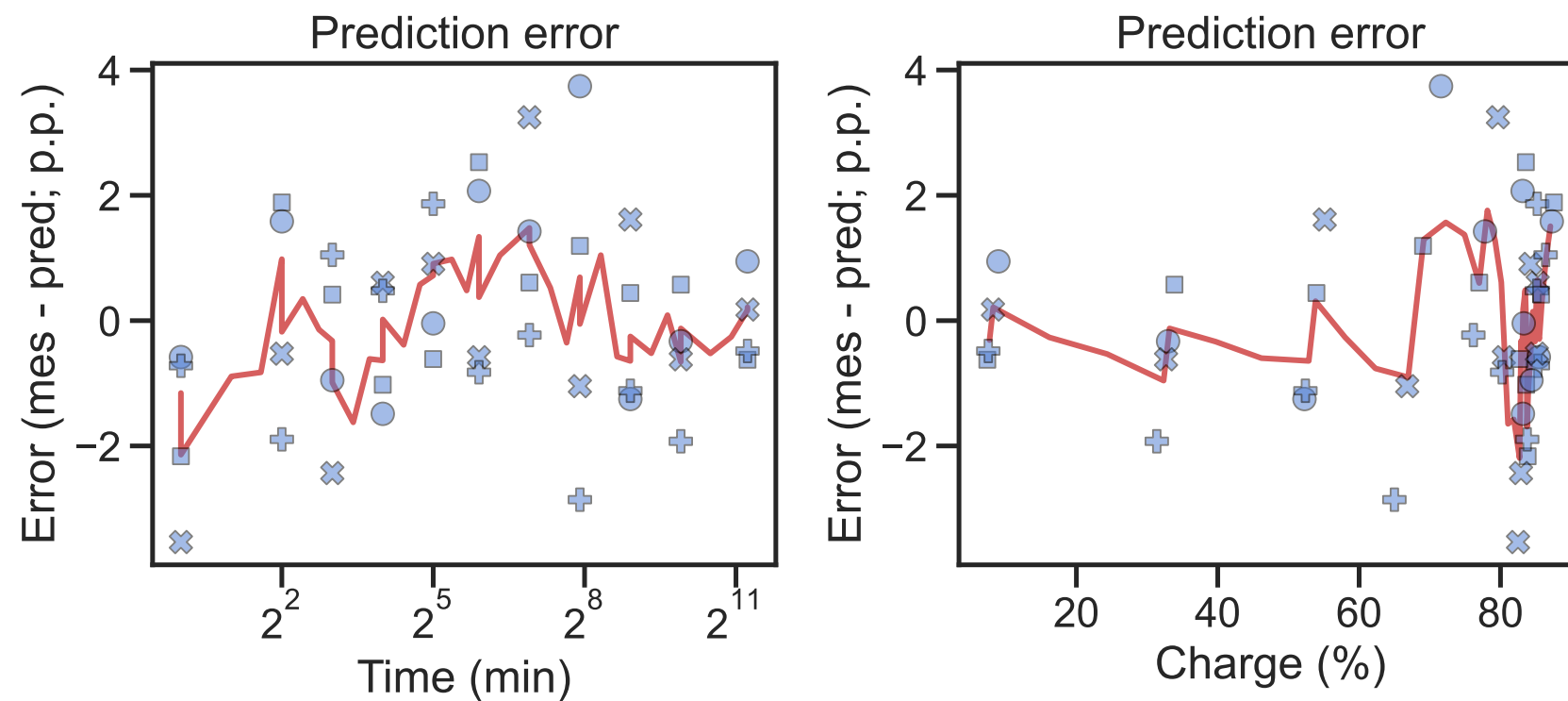
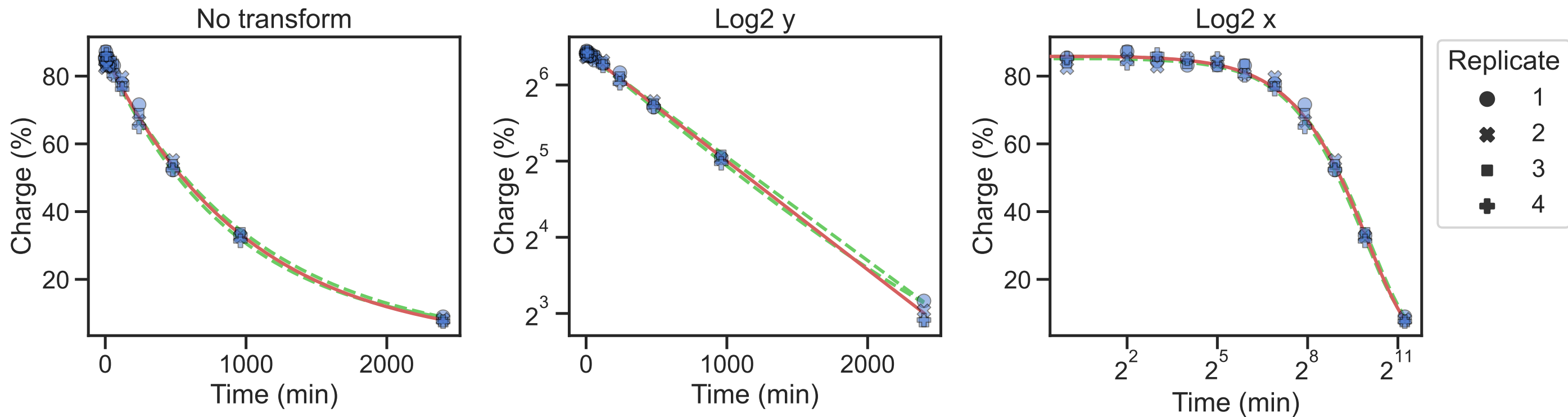
Ser-AGA-2-1 half-life=722 min, 95% CI (630; 757)



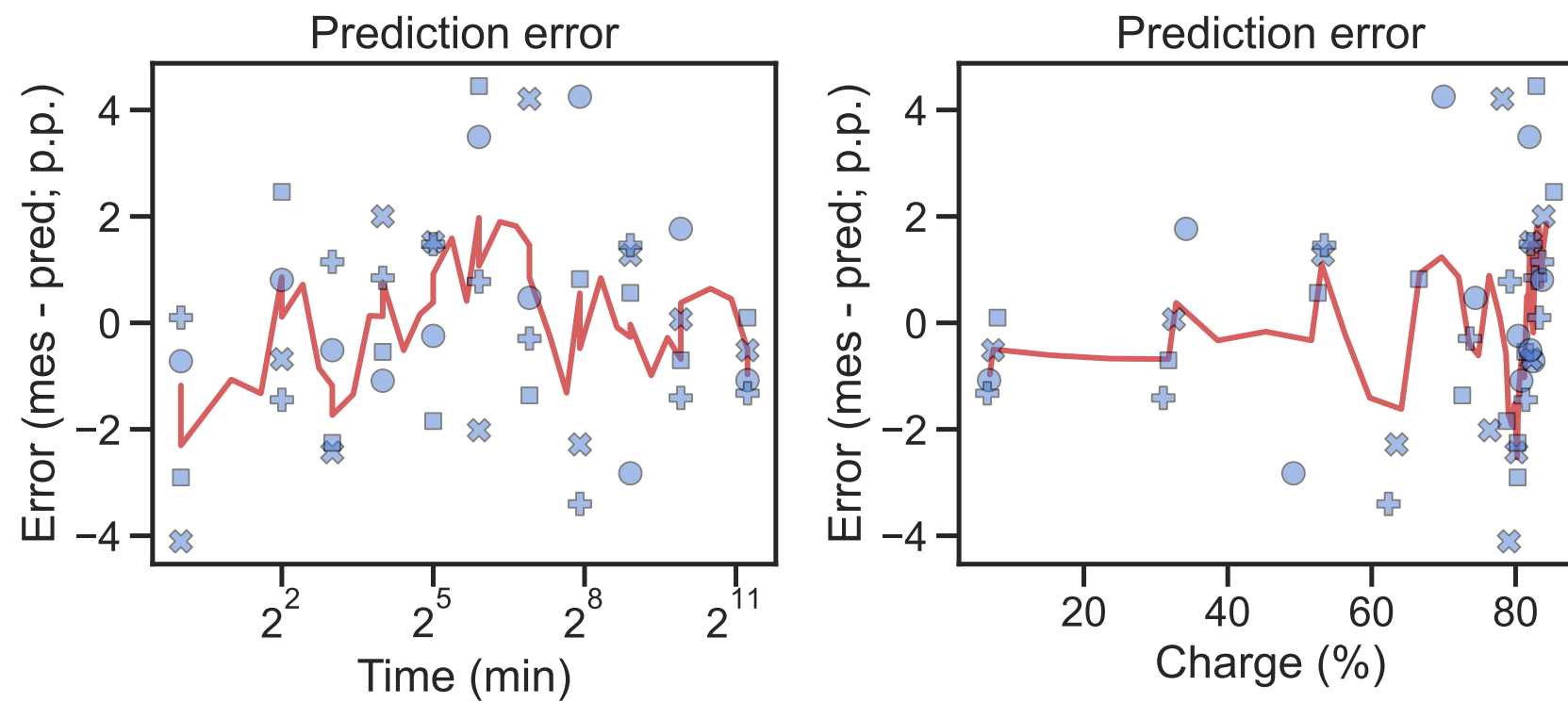
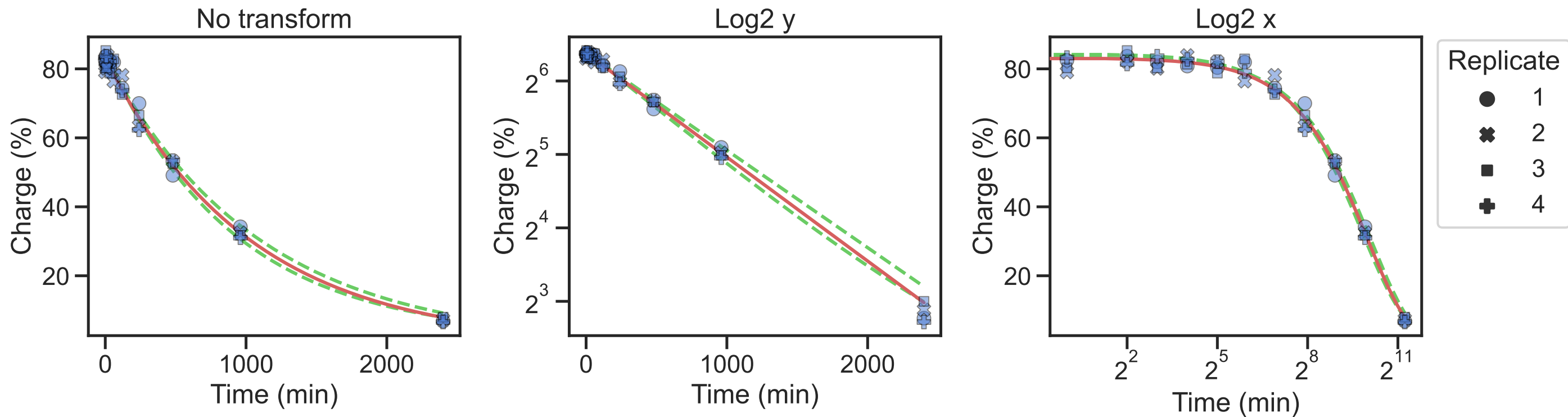
Ser-CGA-1-1 half-life=649 min, 95% CI (598; 697)



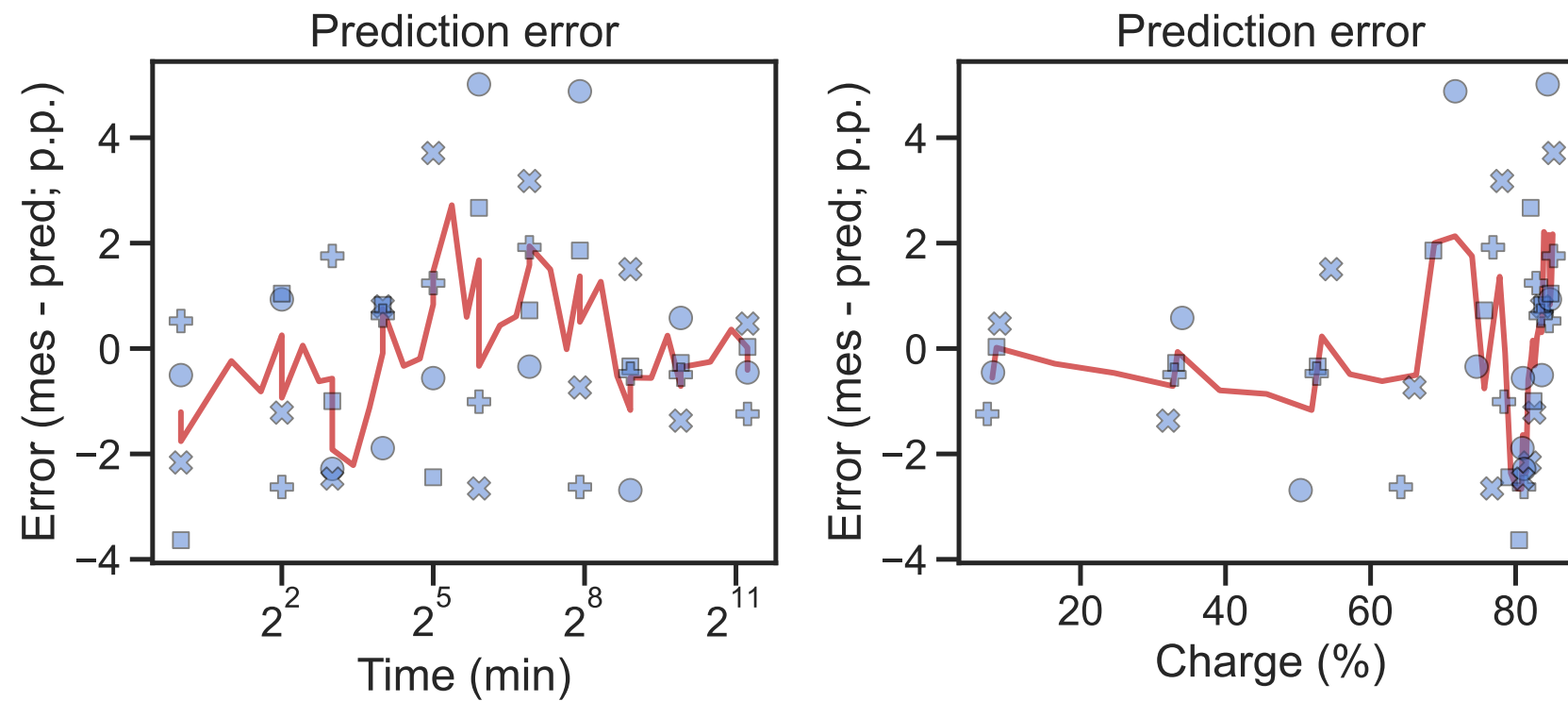
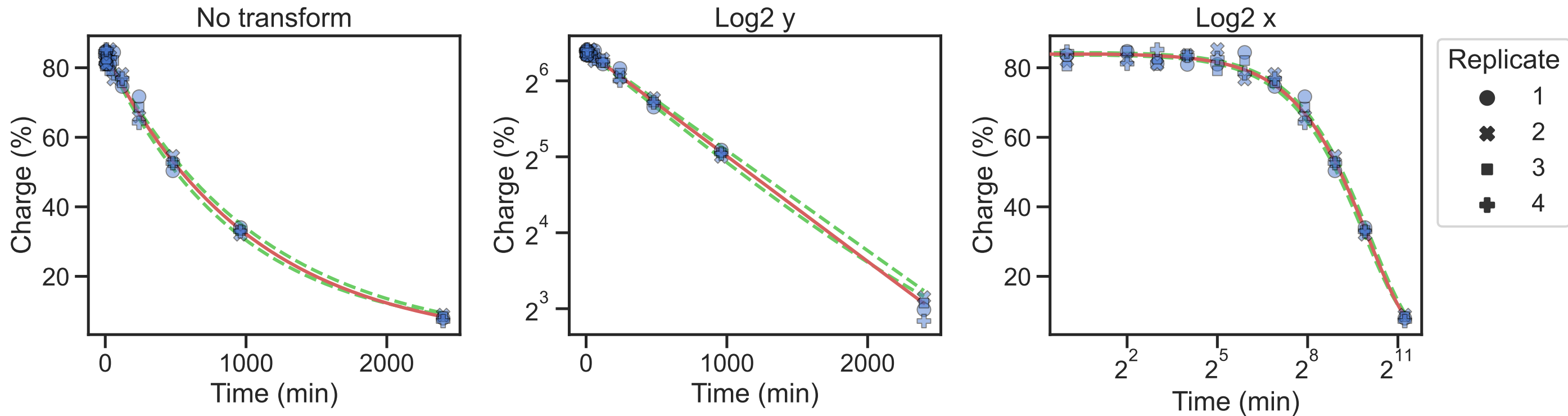
Ser-CGA-4-1 half-life=701min, 95% CI (632; 735)



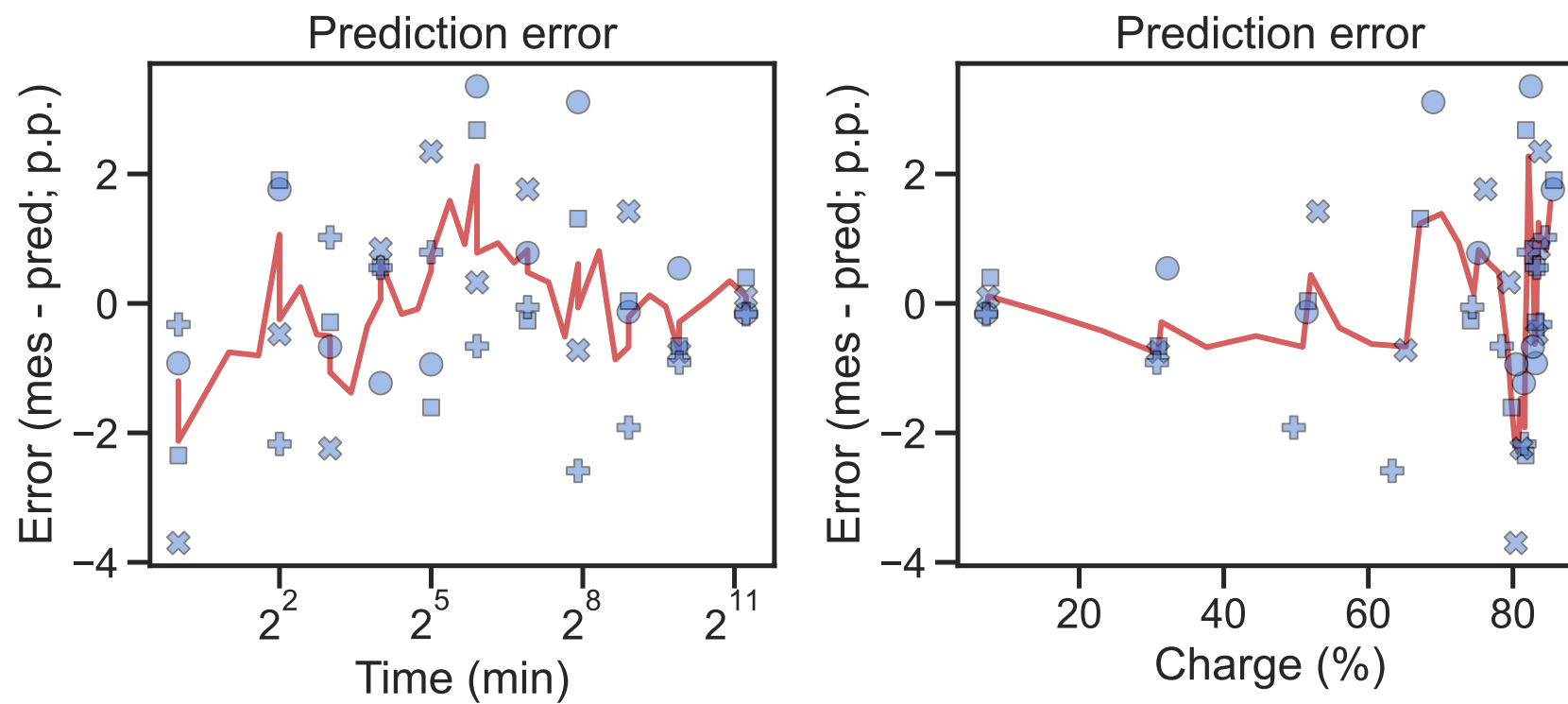
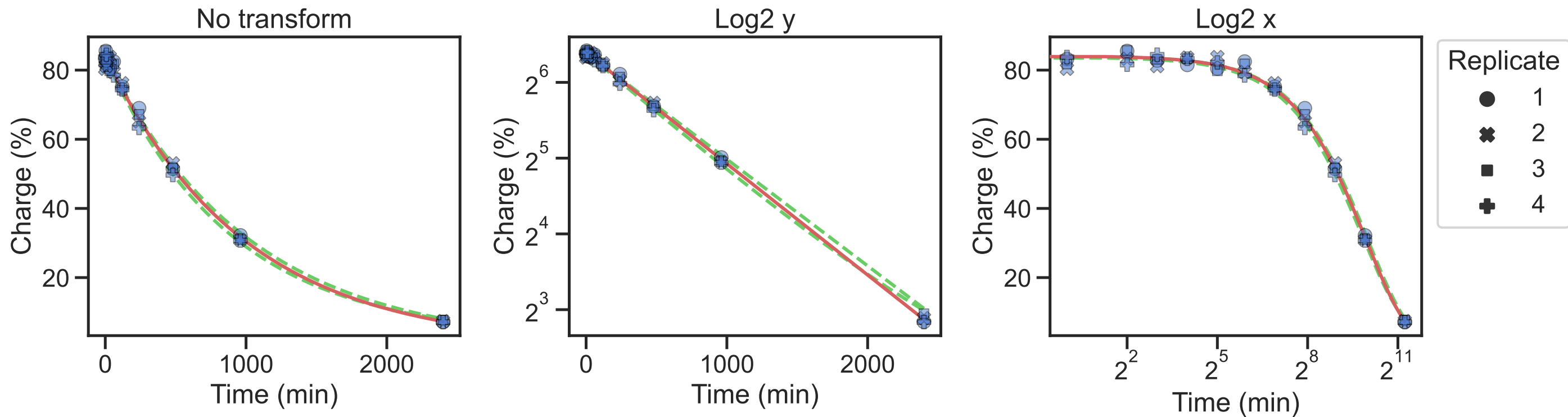
Ser-GCT-1-1 half-life=707min, 95% CI (627; 754)



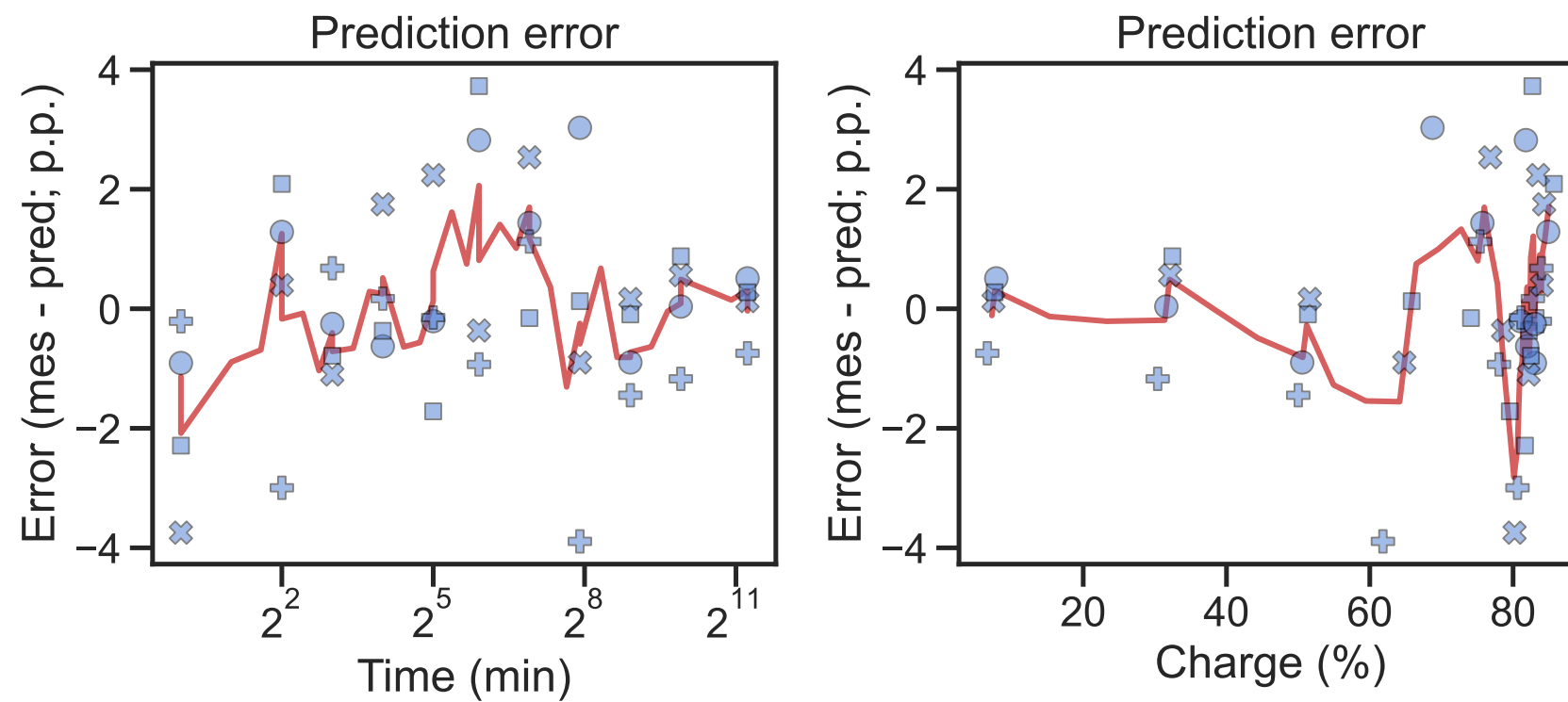
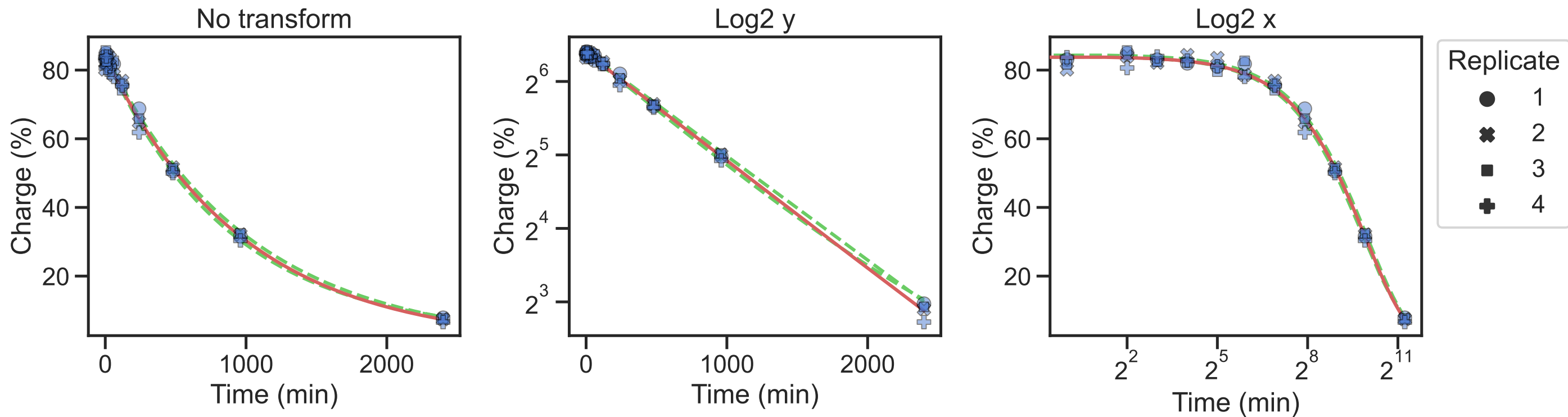
Ser-GCT-2-1 half-life=722min, 95% CI (642; 758)



Ser-GCT-3-1 half-life=681 min, 95% CI (618; 711)

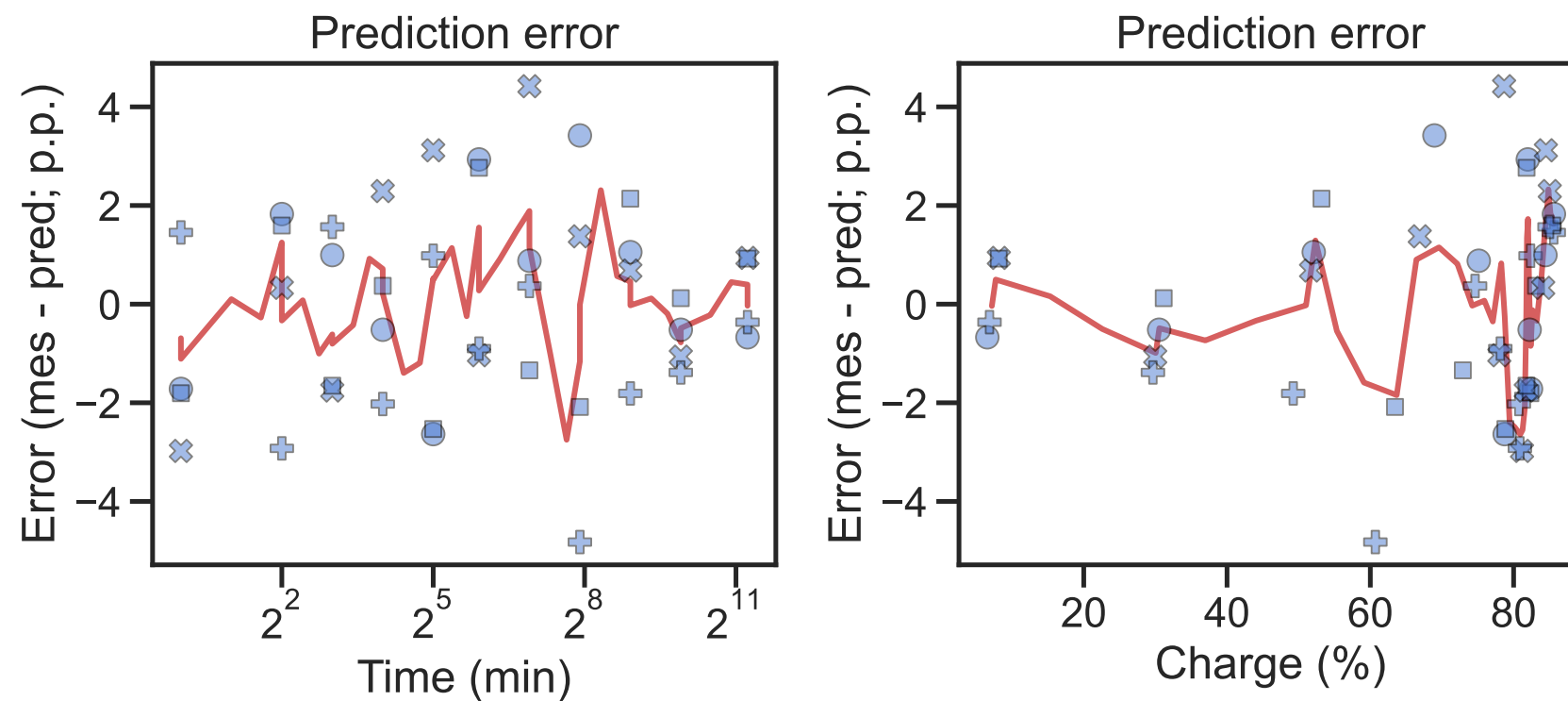
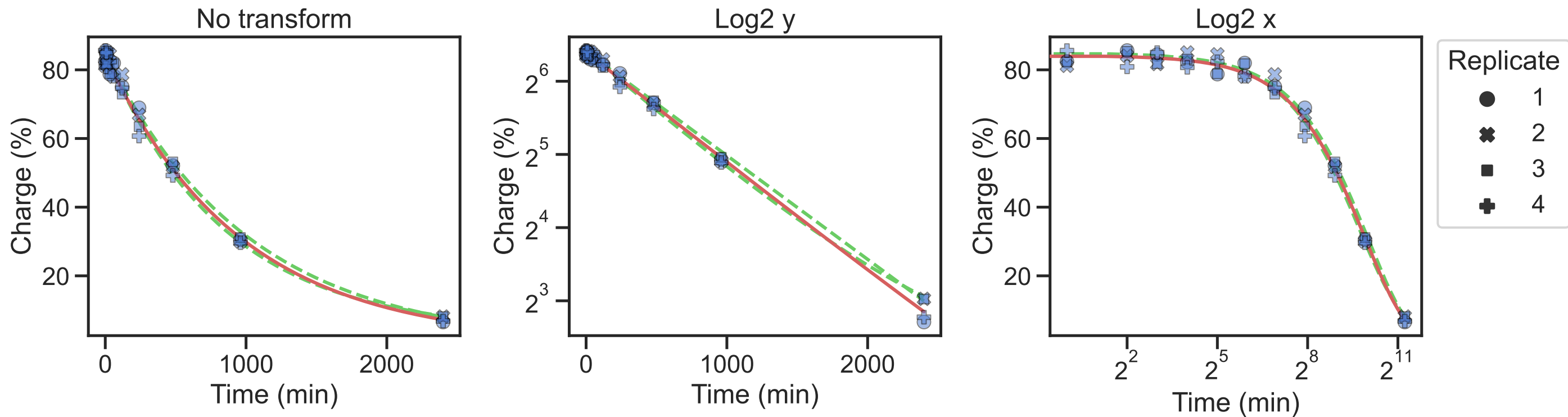


Ser-GCT-4-1 half-life=678min, 95% CI (617; 706)

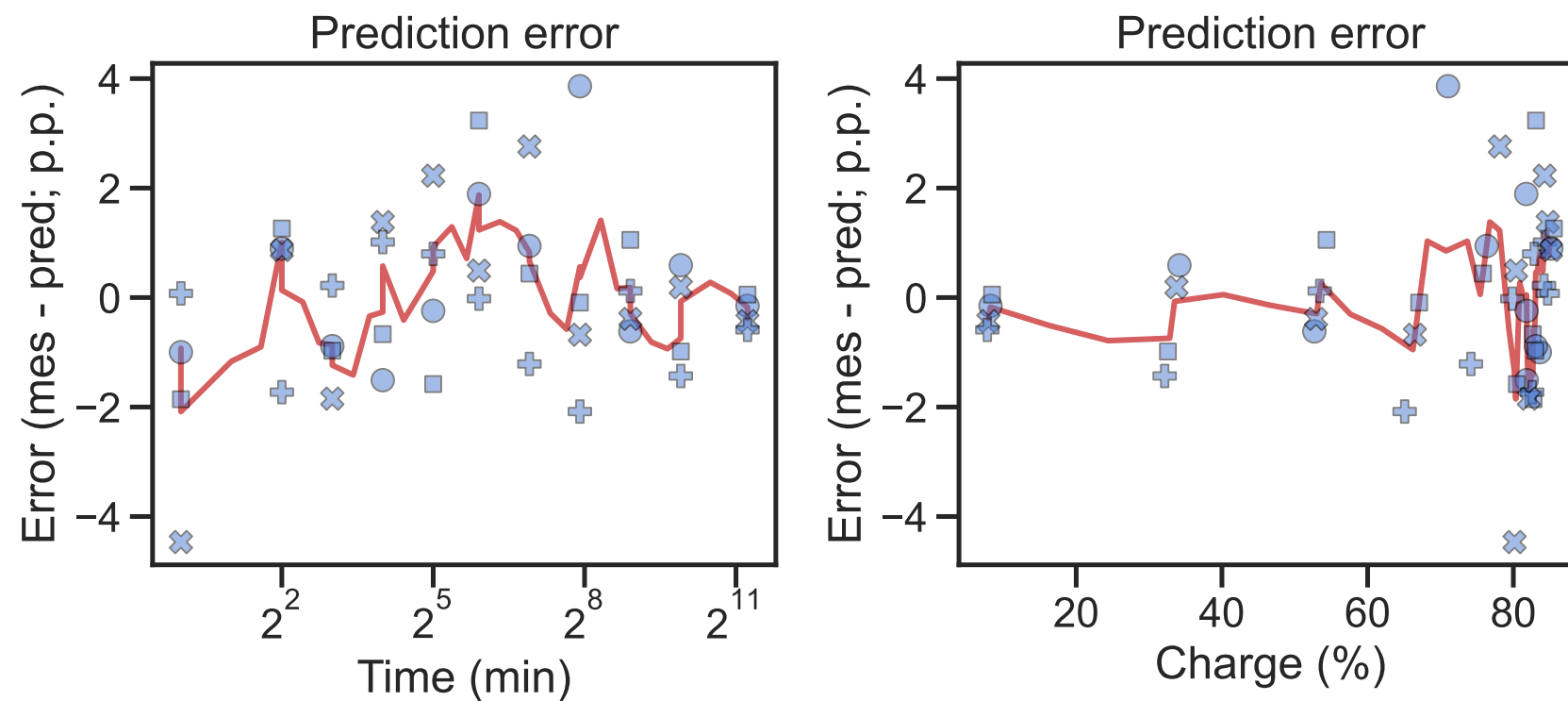
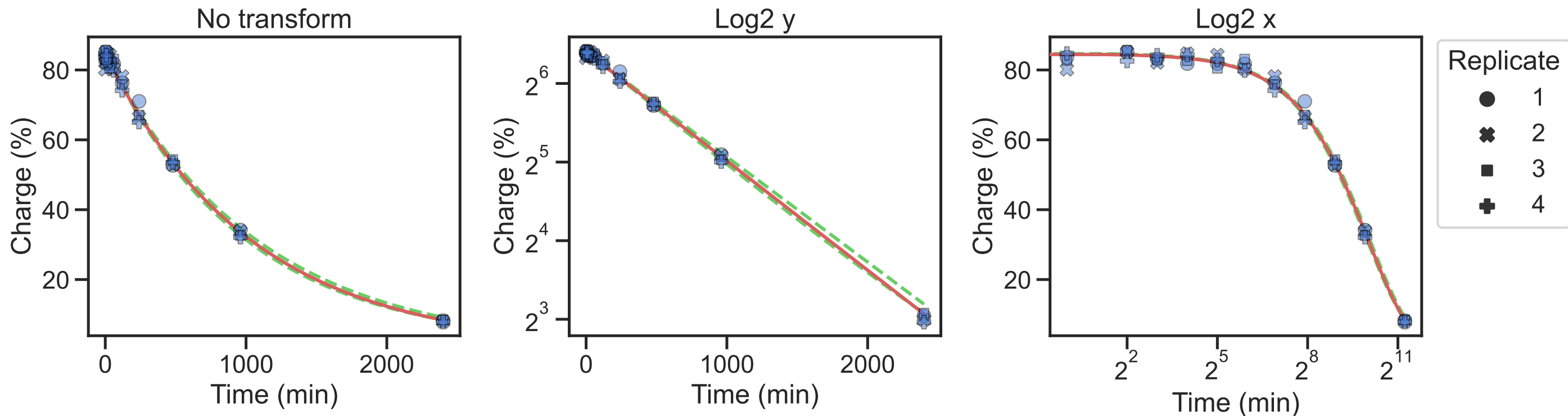




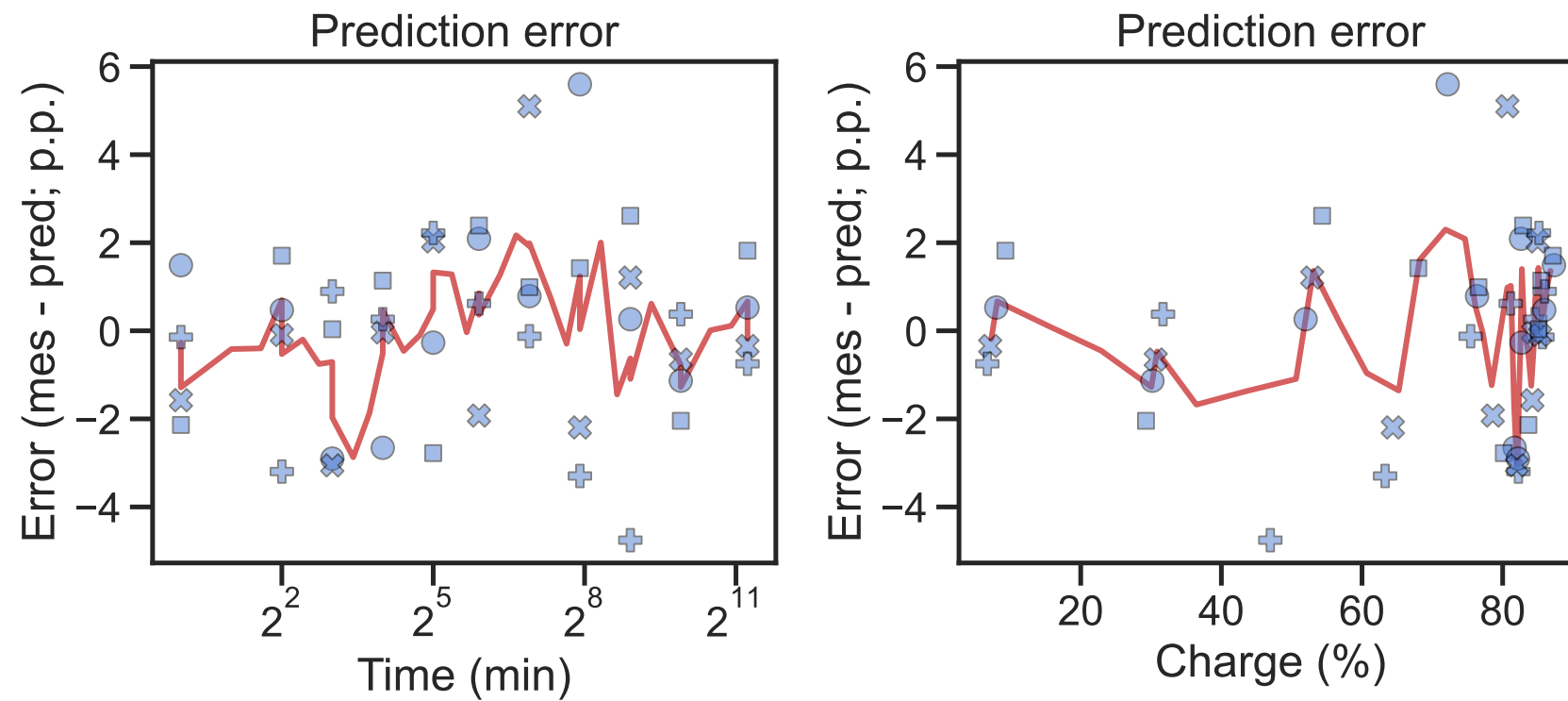
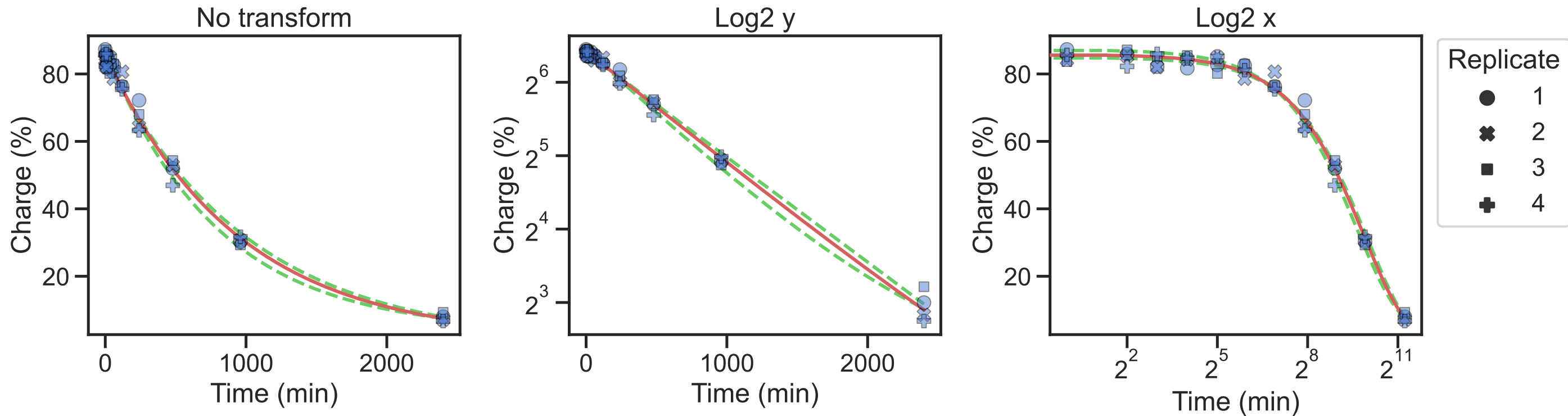
Ser-GCT-5-1 half-life=661 min, 95% CI (588; 705)



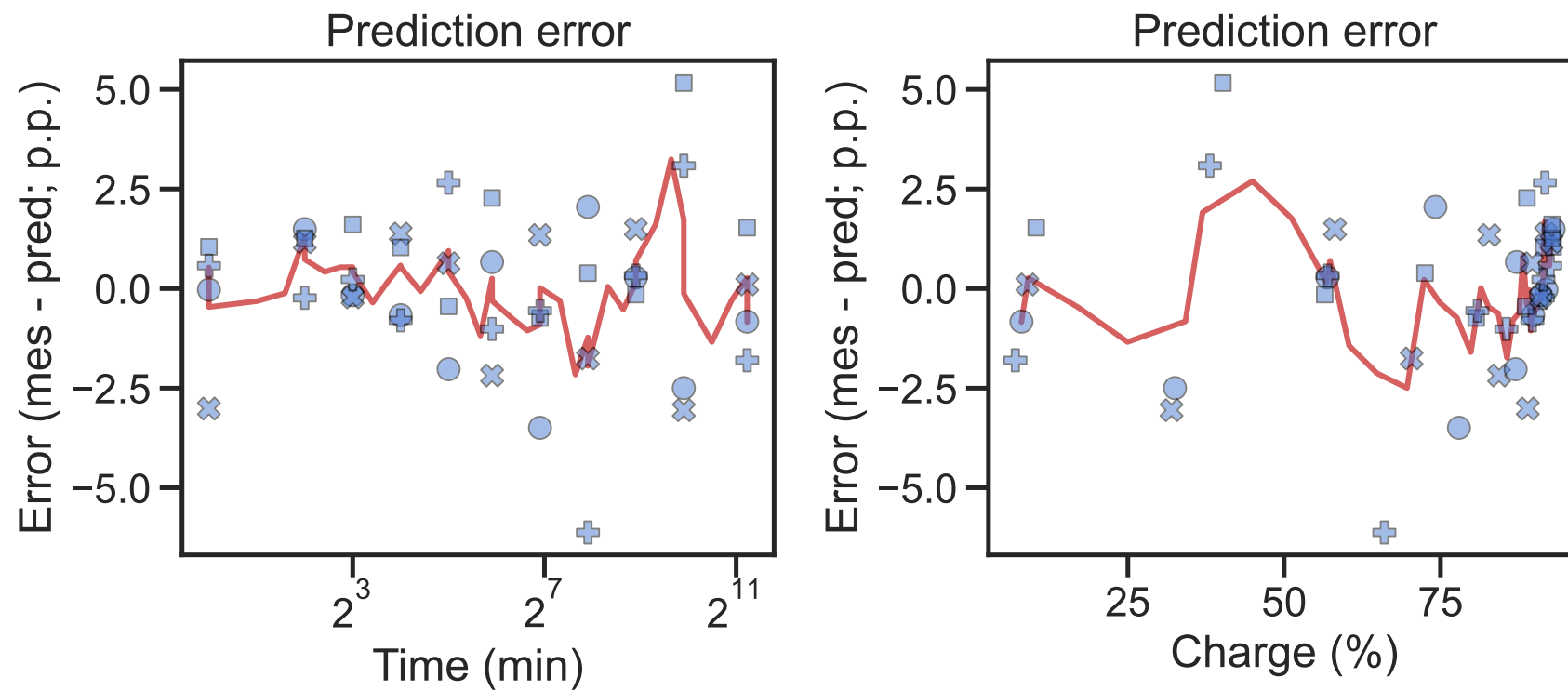
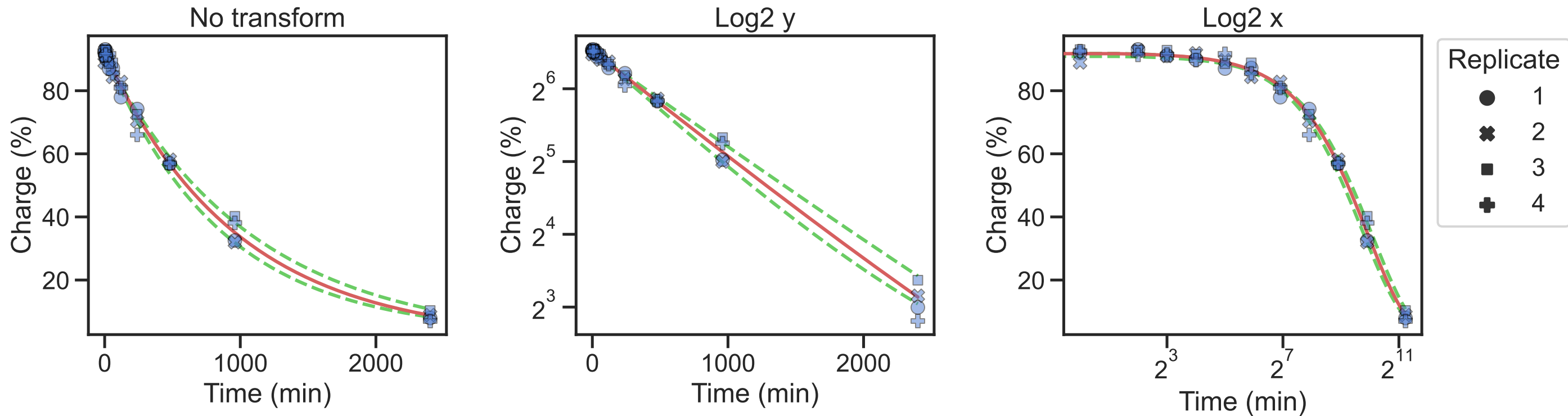
Ser-TGA-1-1 half-life=720min, 95% CI (681; 747)



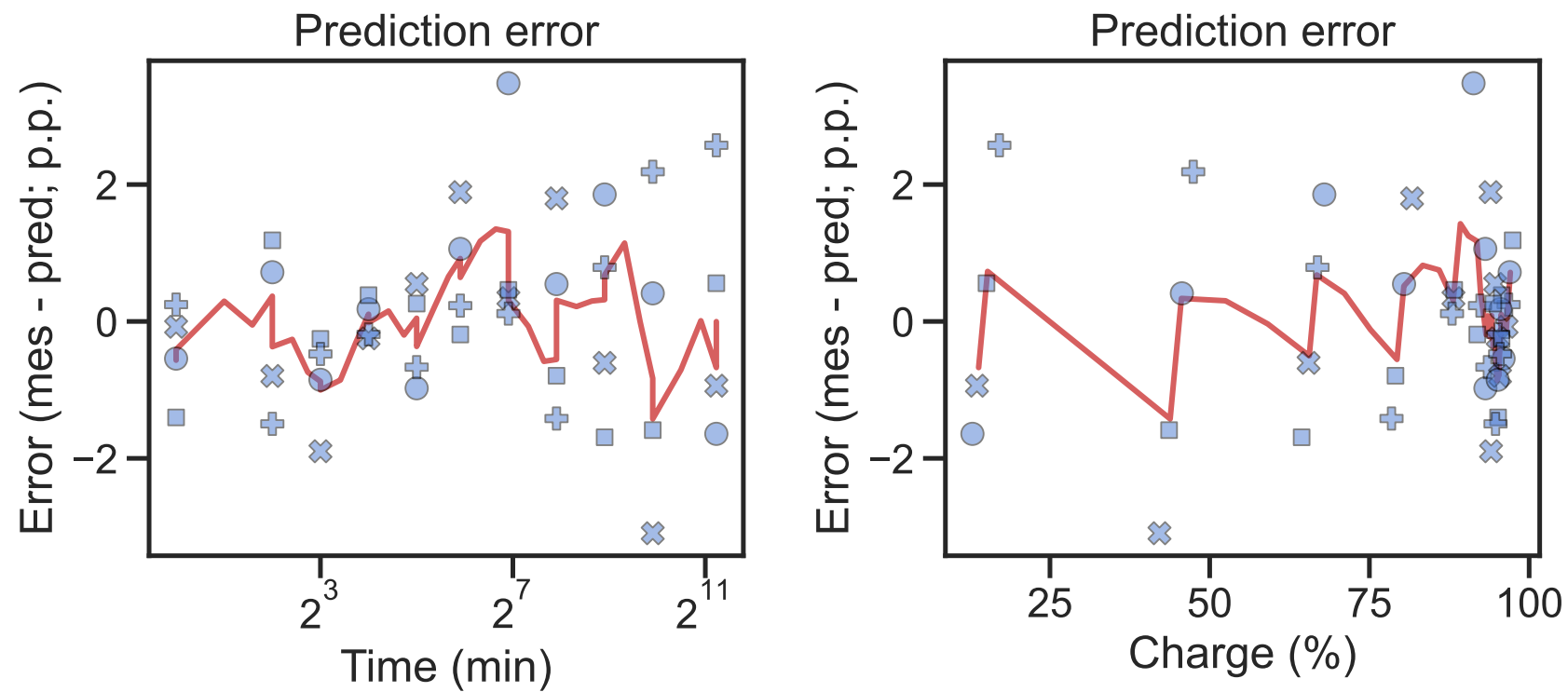
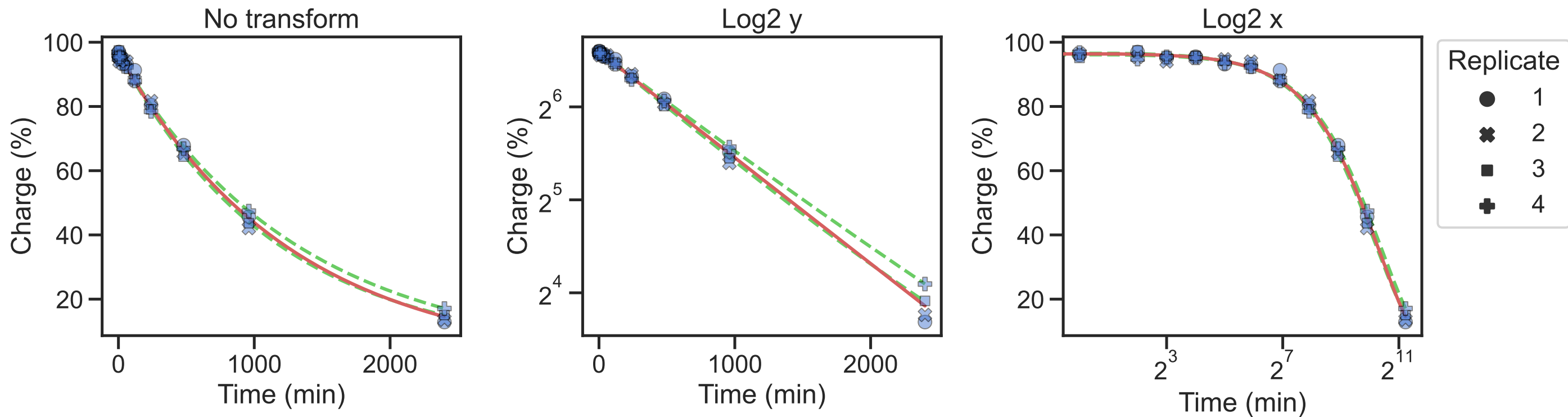
Ser-TGA-2-1 half-life=648min, 95% CI (549; 700)



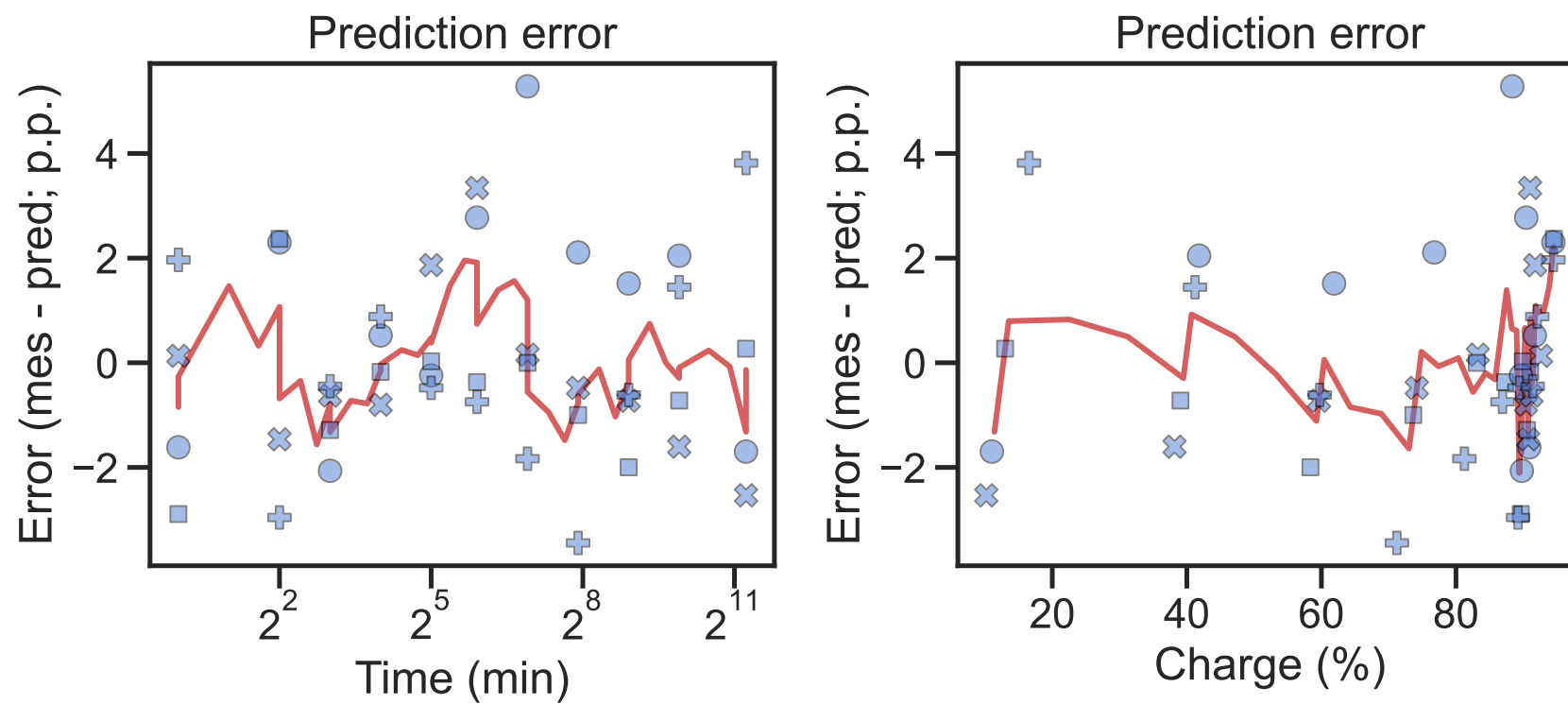
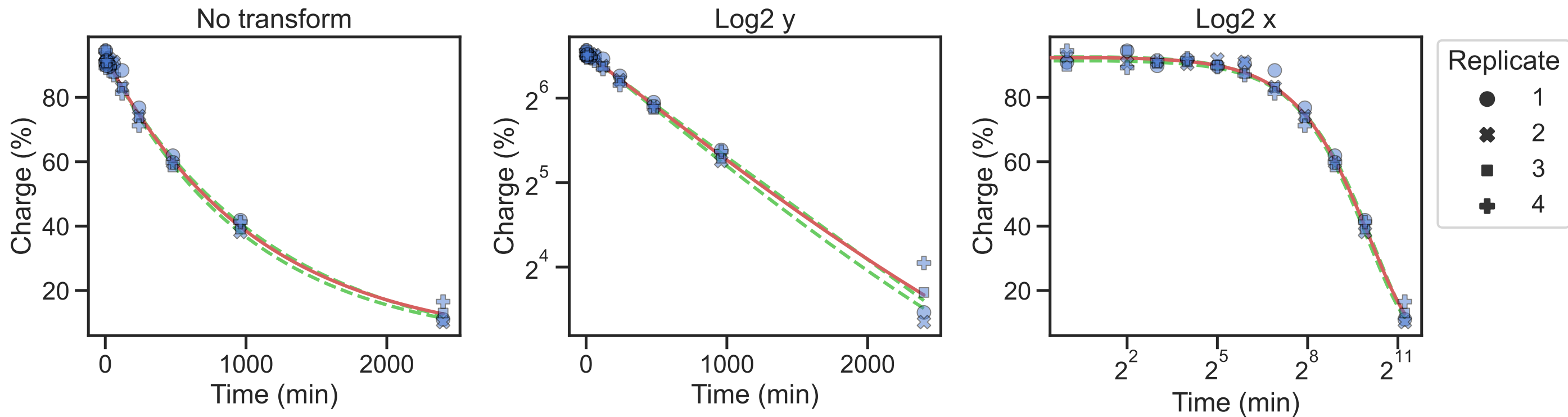
Ser-TGA-4-1 half-life=676min, 95% CI (591; 755)



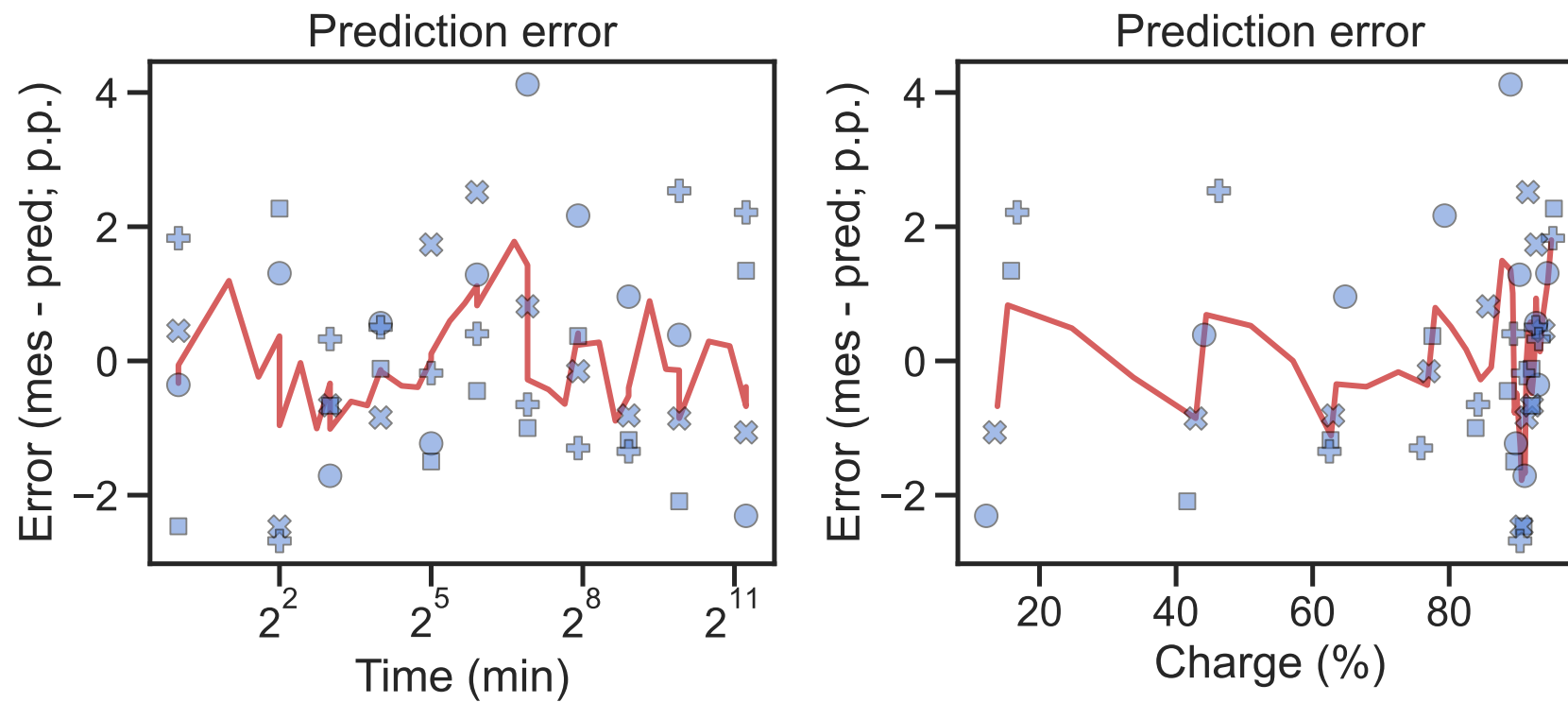
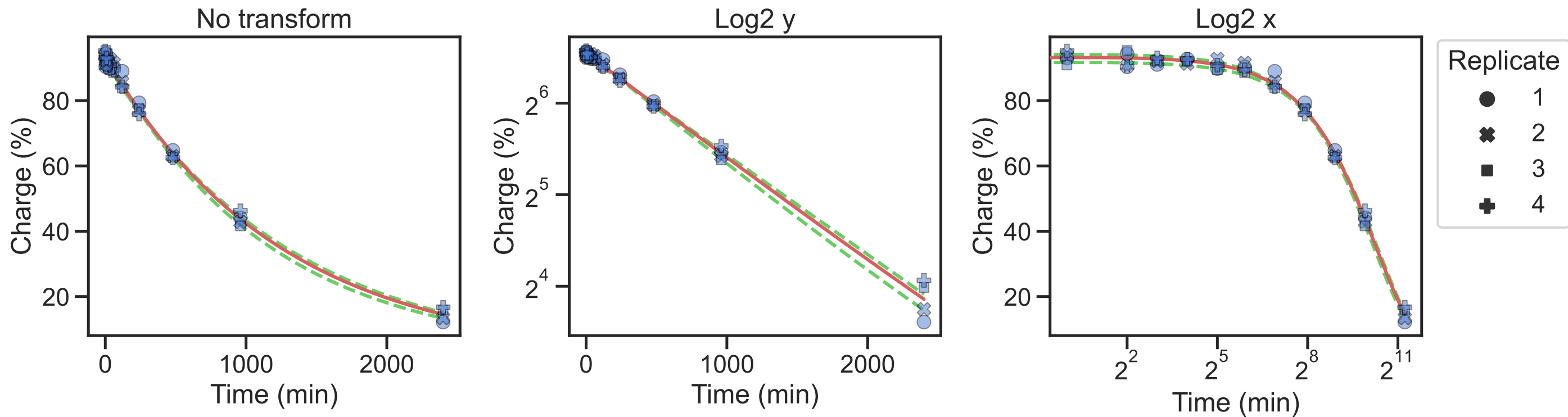
Thr-AGT-1-1 half-life=878 min, 95% CI (801; 915)



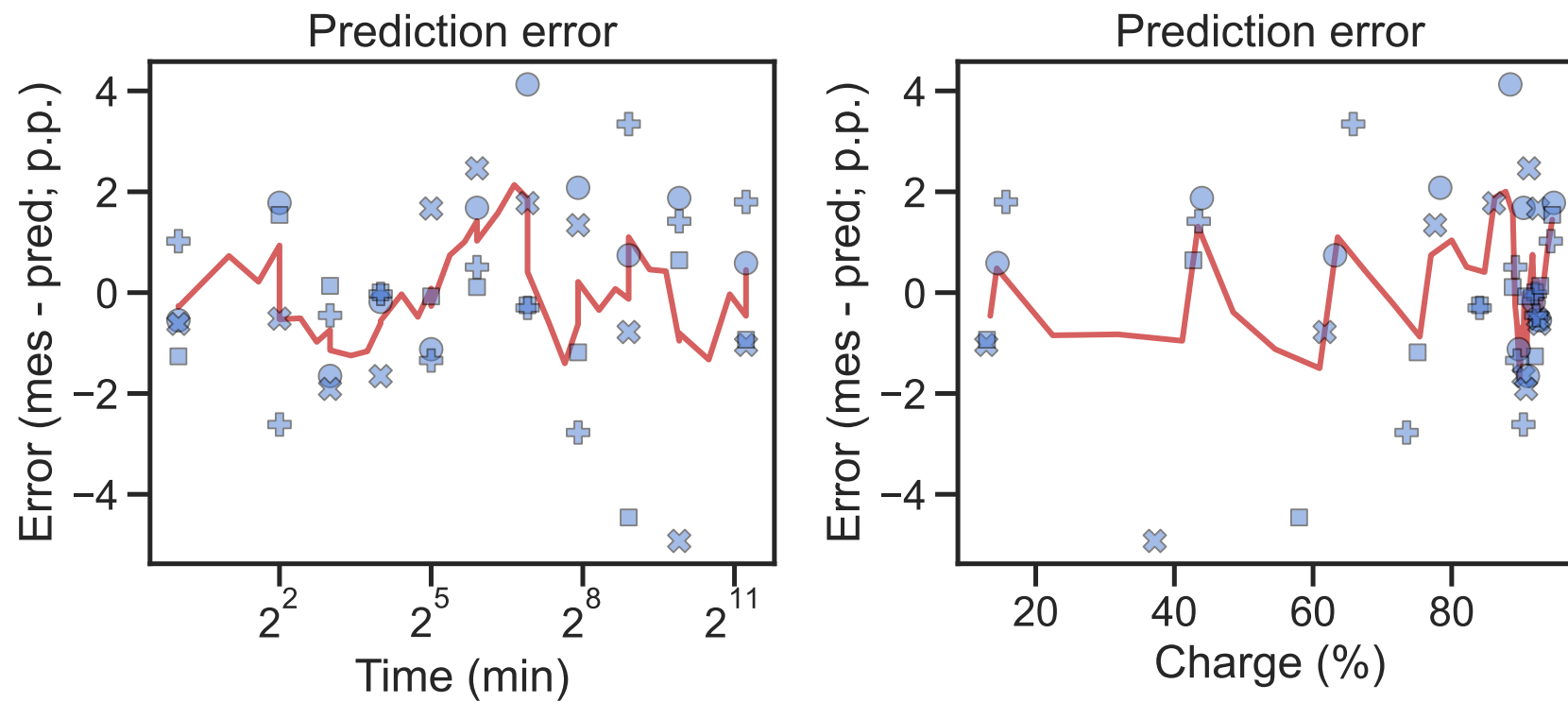
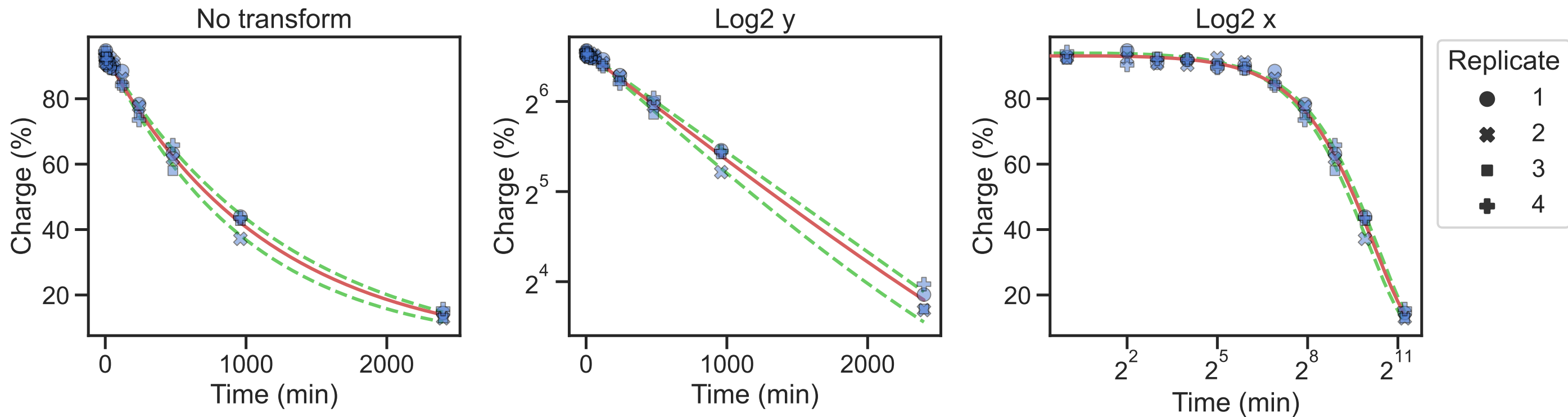
Thr-AGT-2-1 half-life=747 min, 95% CI (710; 824)



Thr-AGT-3-1 half-life=861 min, 95% CI (794; 920)

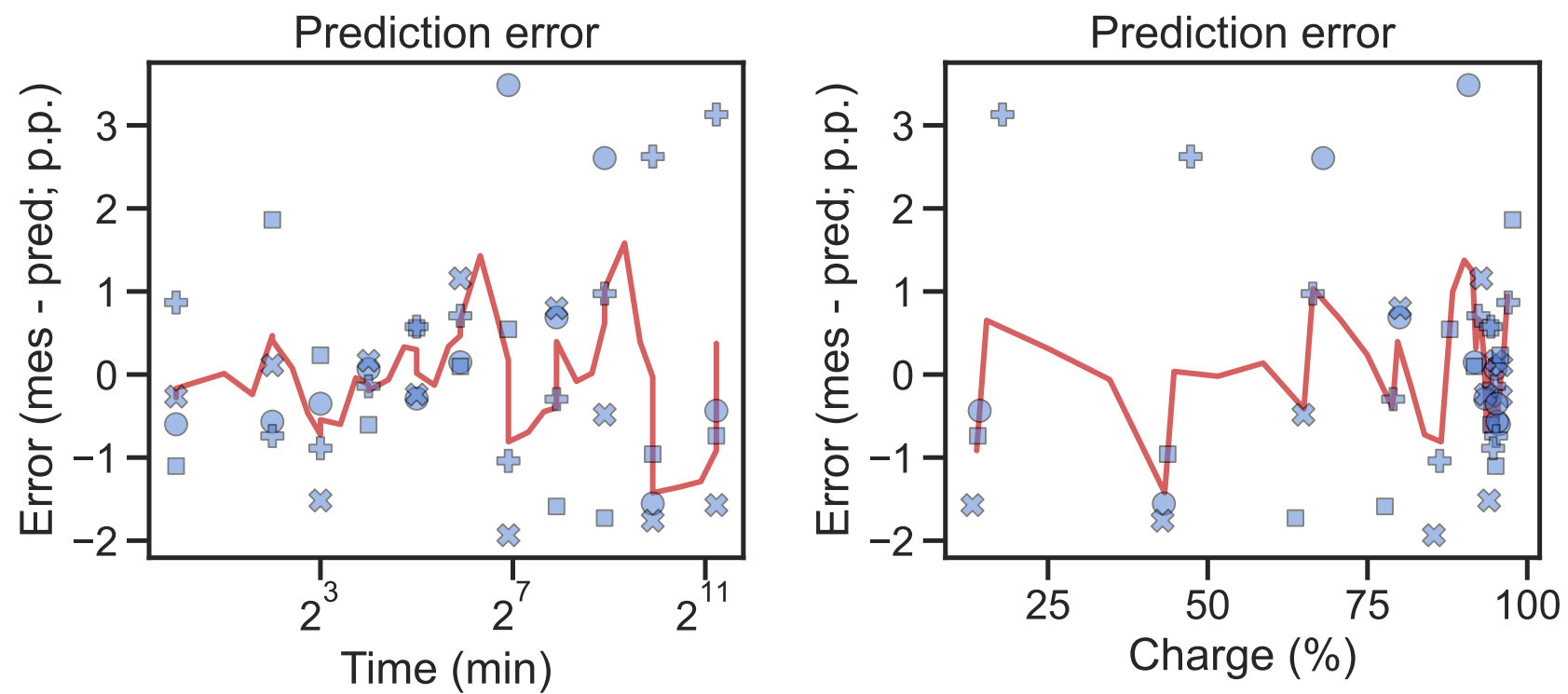
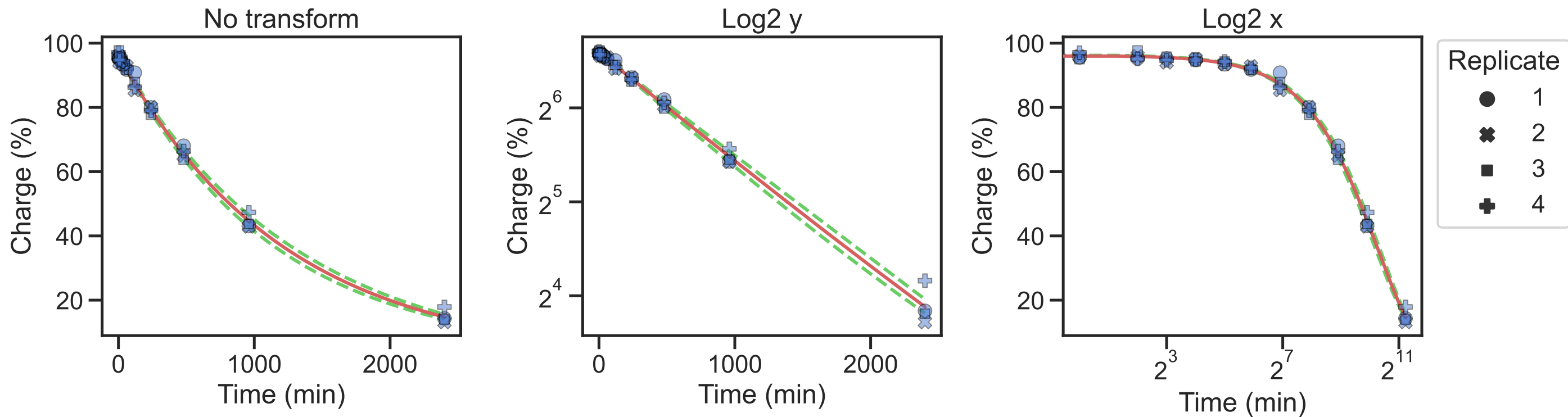


Thr-AGT-4-1 half-life=802 min, 95% CI (693; 903)

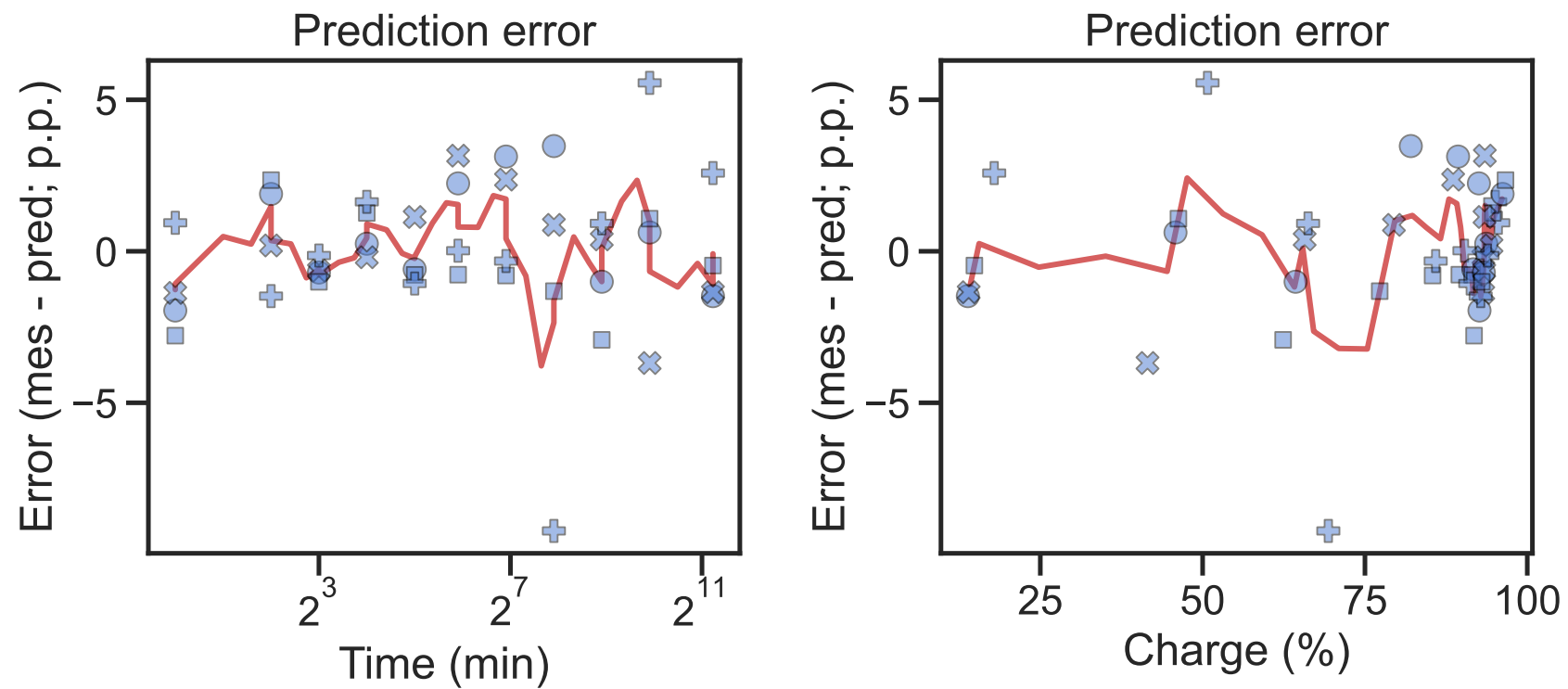
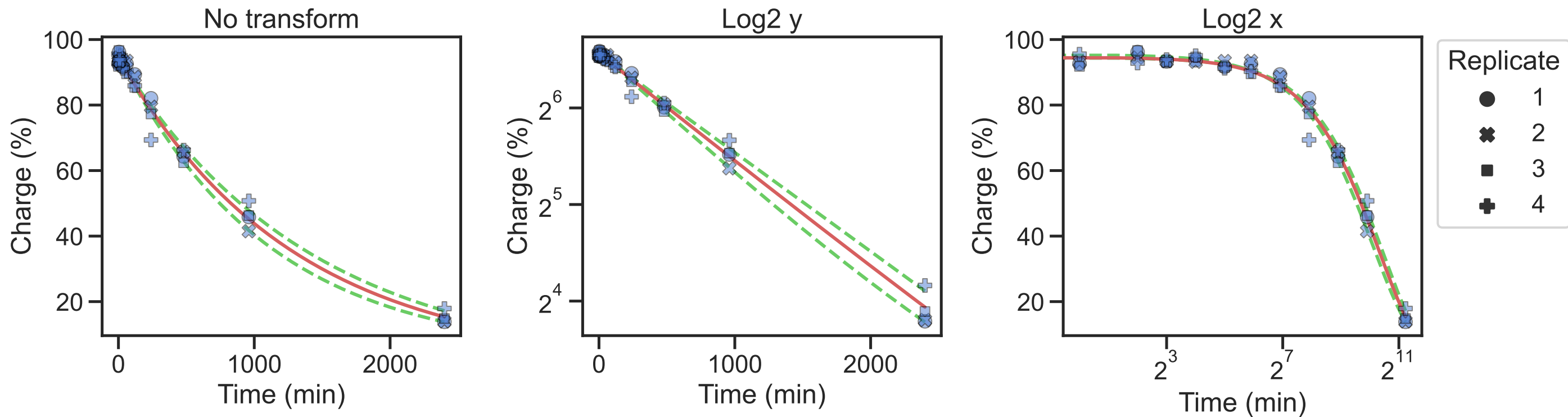




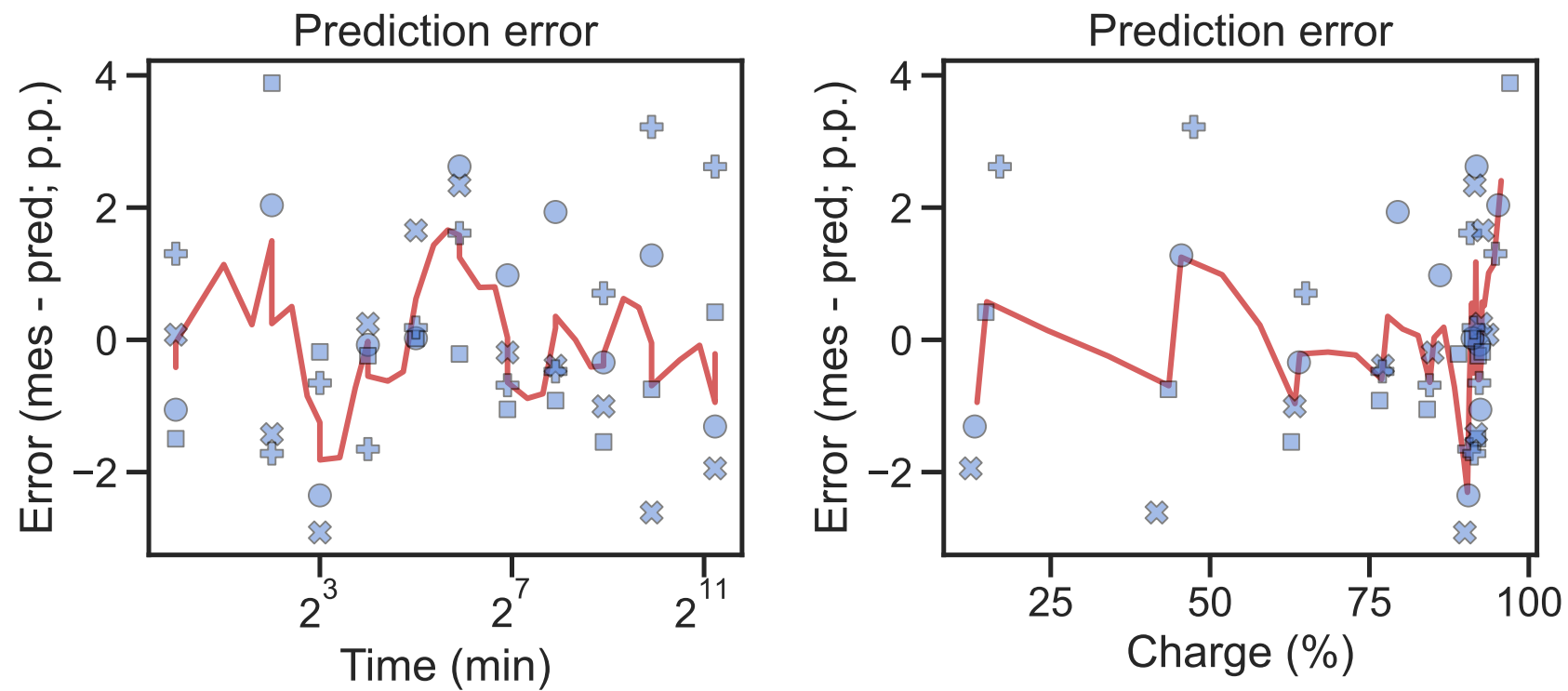
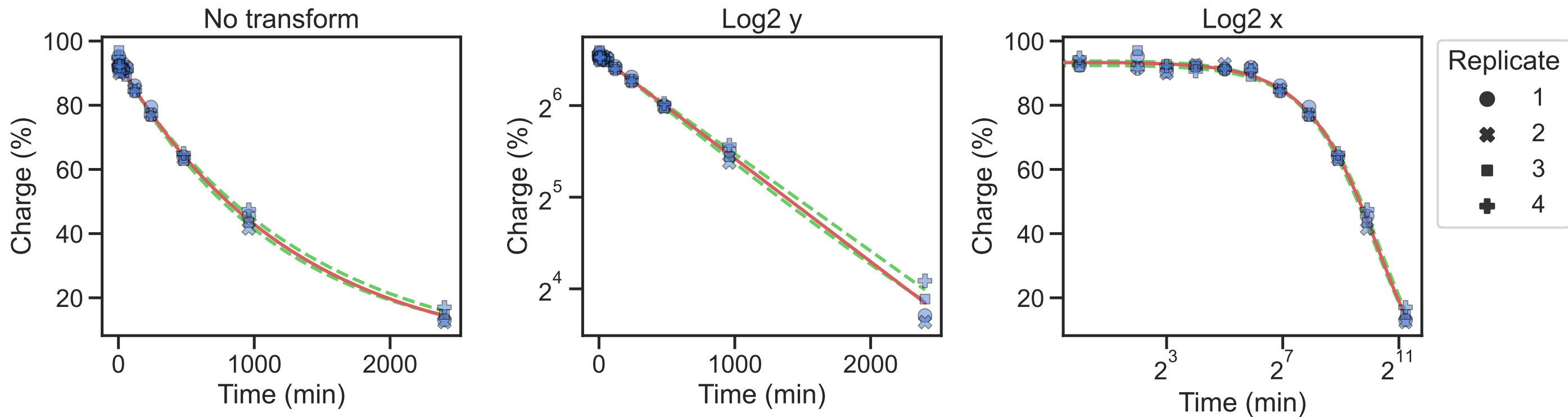
Thr-AGT-5-1 half-life=850 min, 95% CI (781; 914)



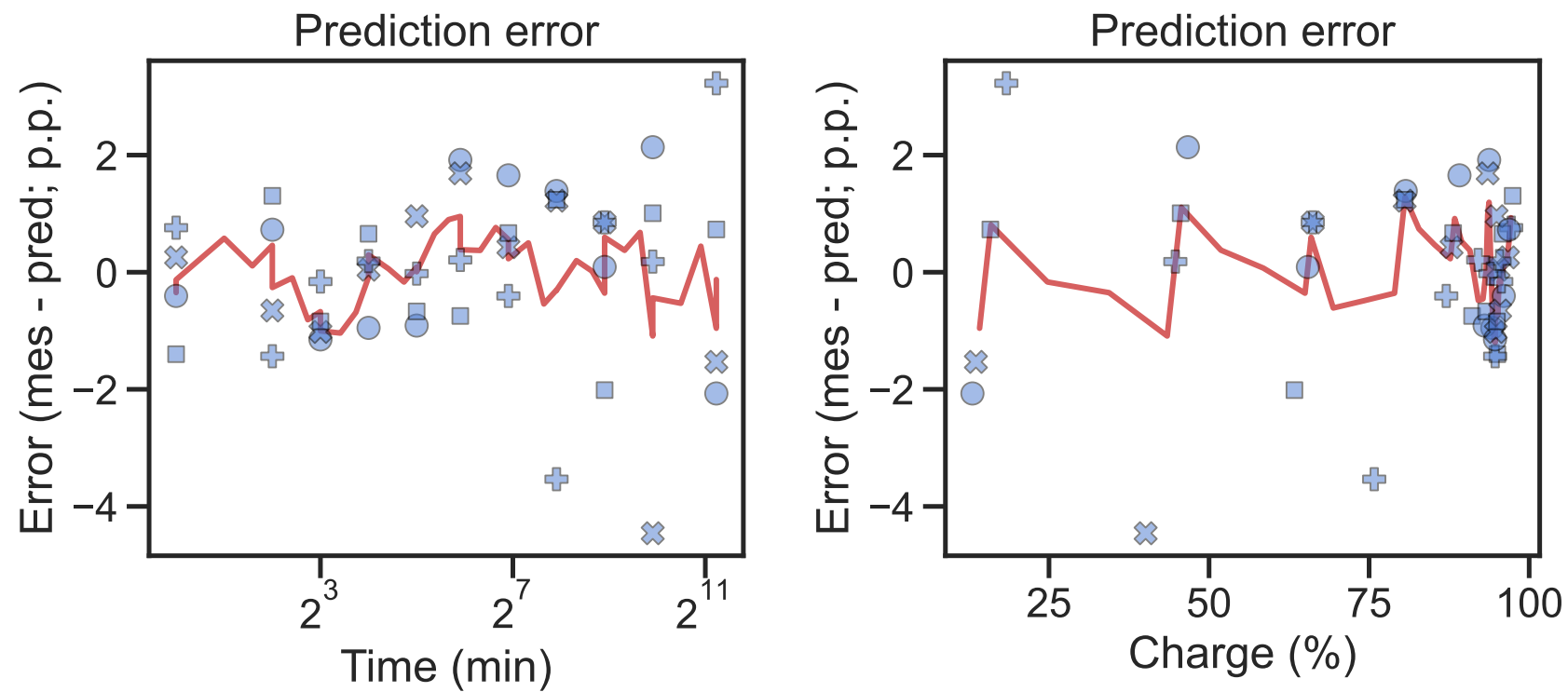
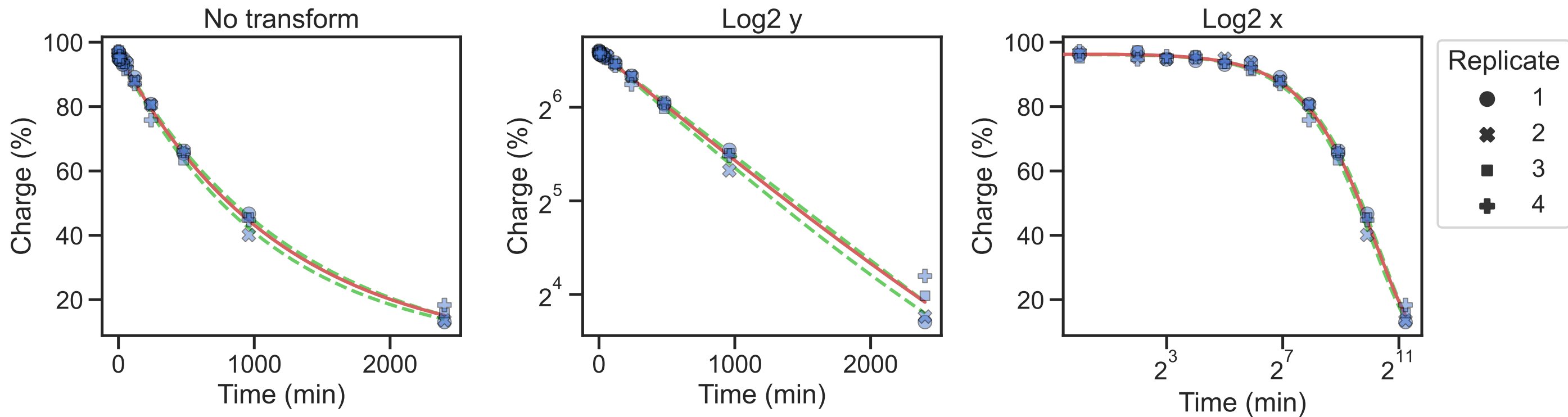
Thr-AGT-6-1 half-life=888 min, 95% CI (759; 977)



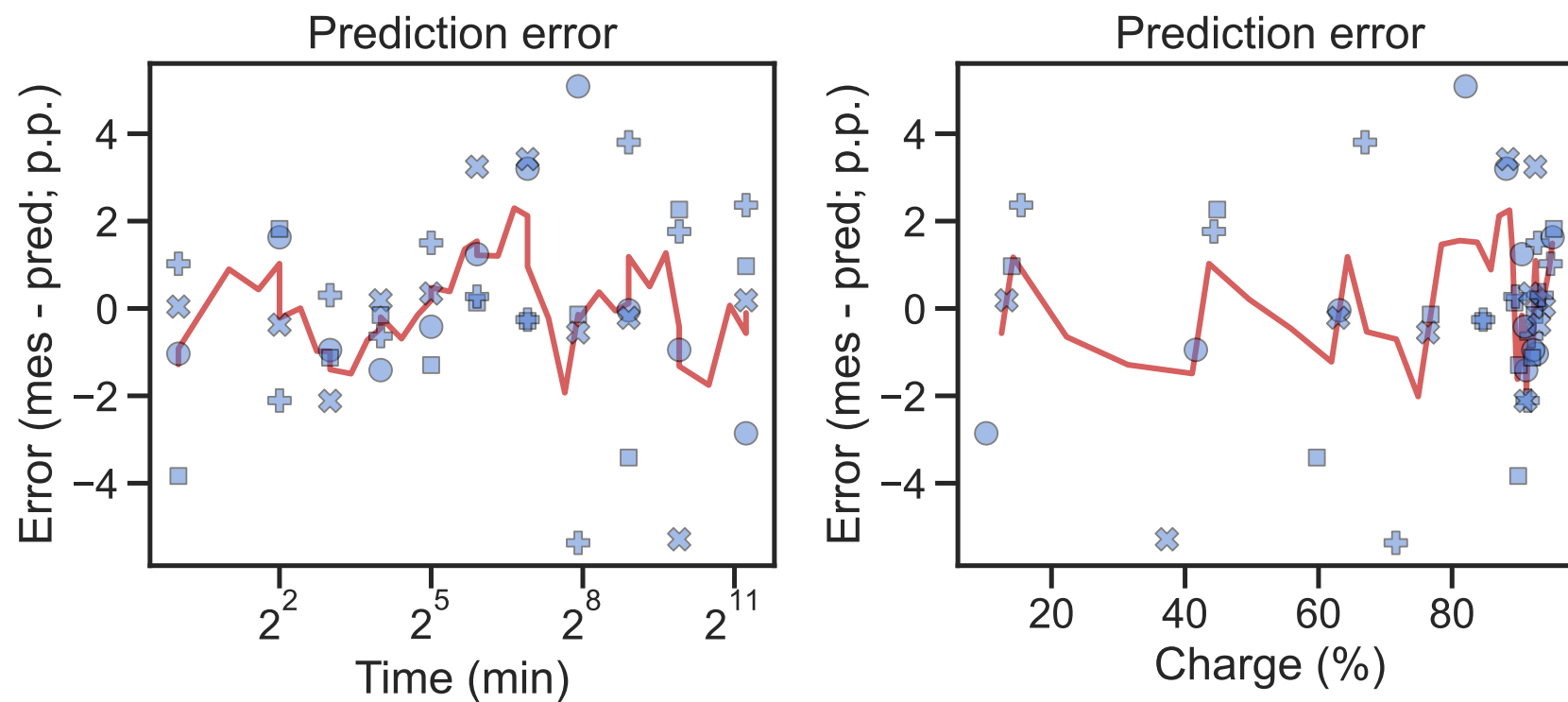
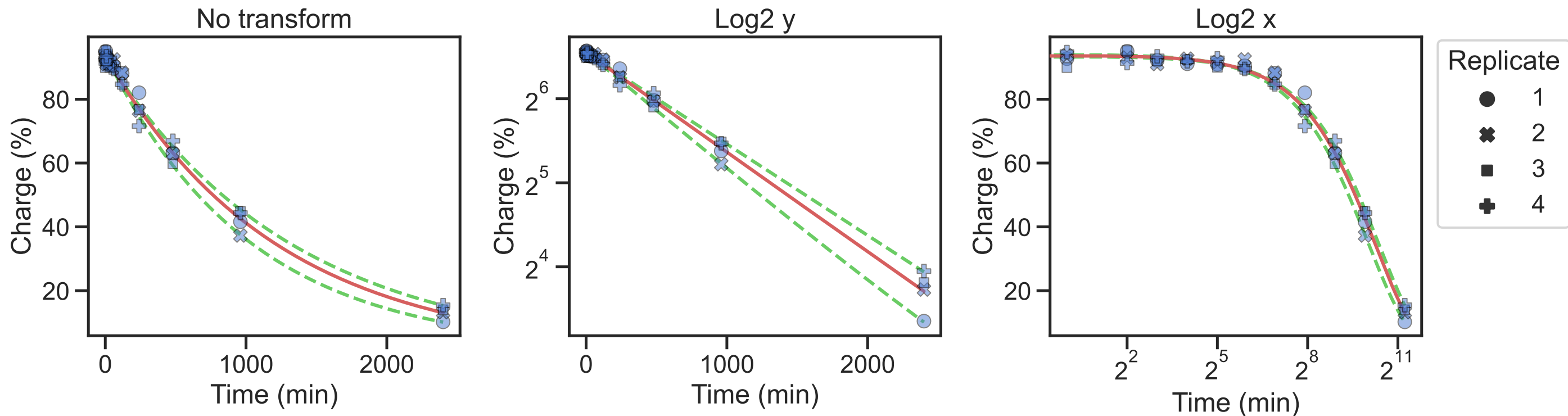
Thr-CGT-1-1 half-life=889min, 95% CI (800; 944)



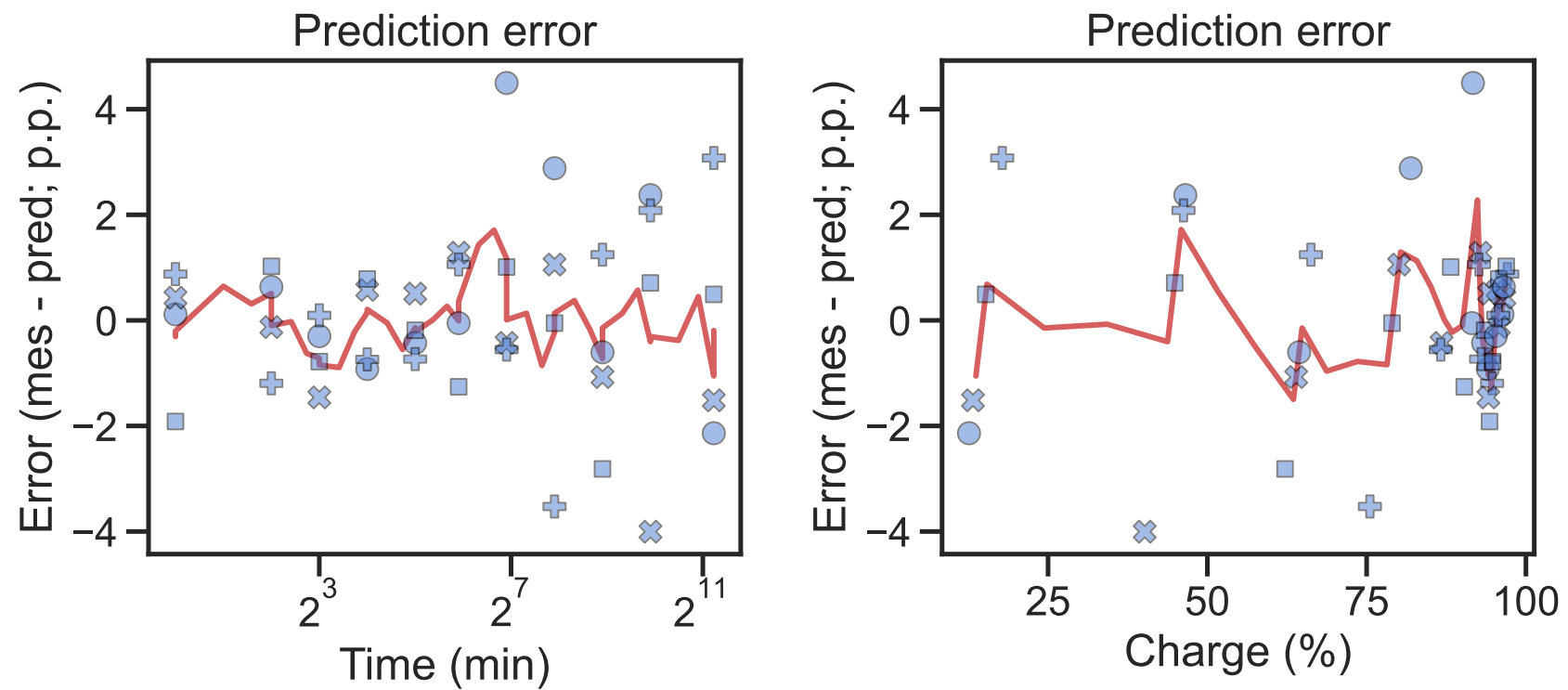
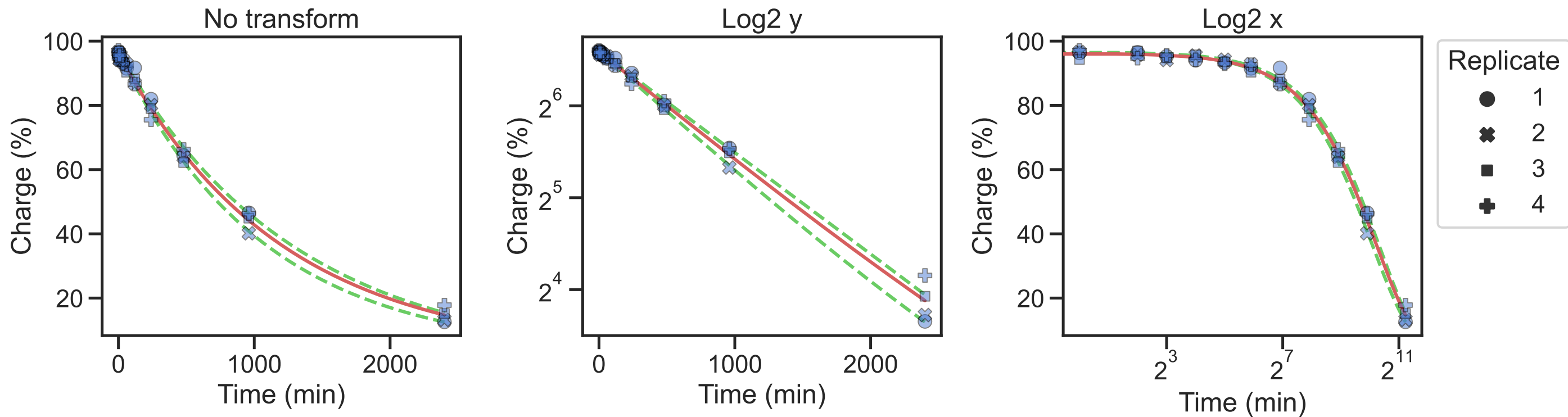
Thr-CGT-2-1 half-life=827 min, 95% CI (760; 899)



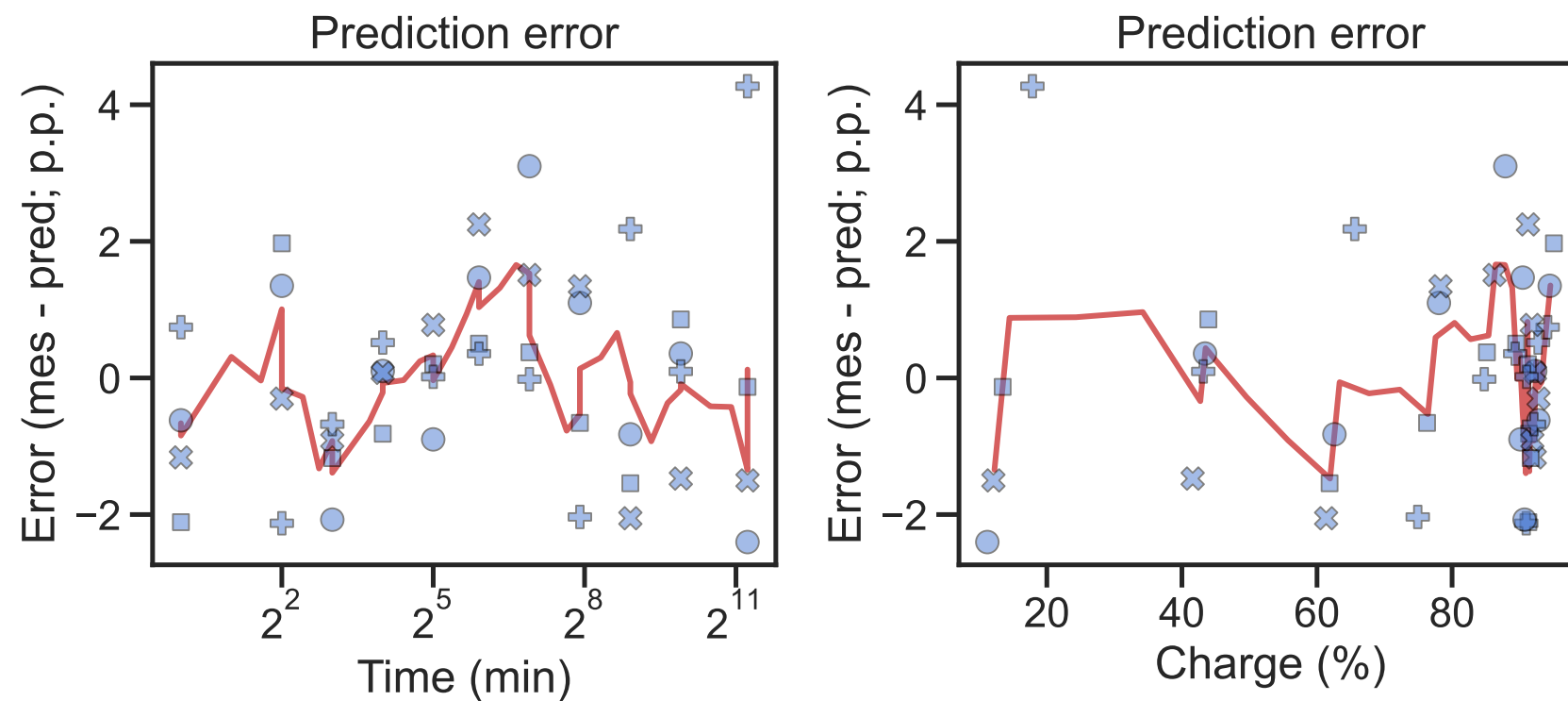
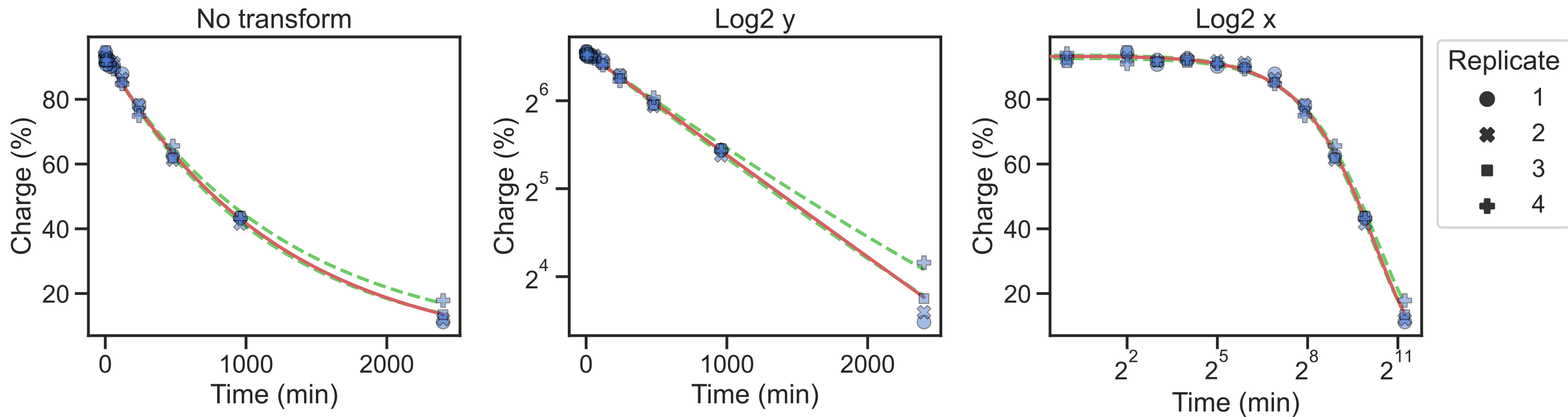
Thr-CGT-3-1 half-life=841 min, 95% CI (707; 921)



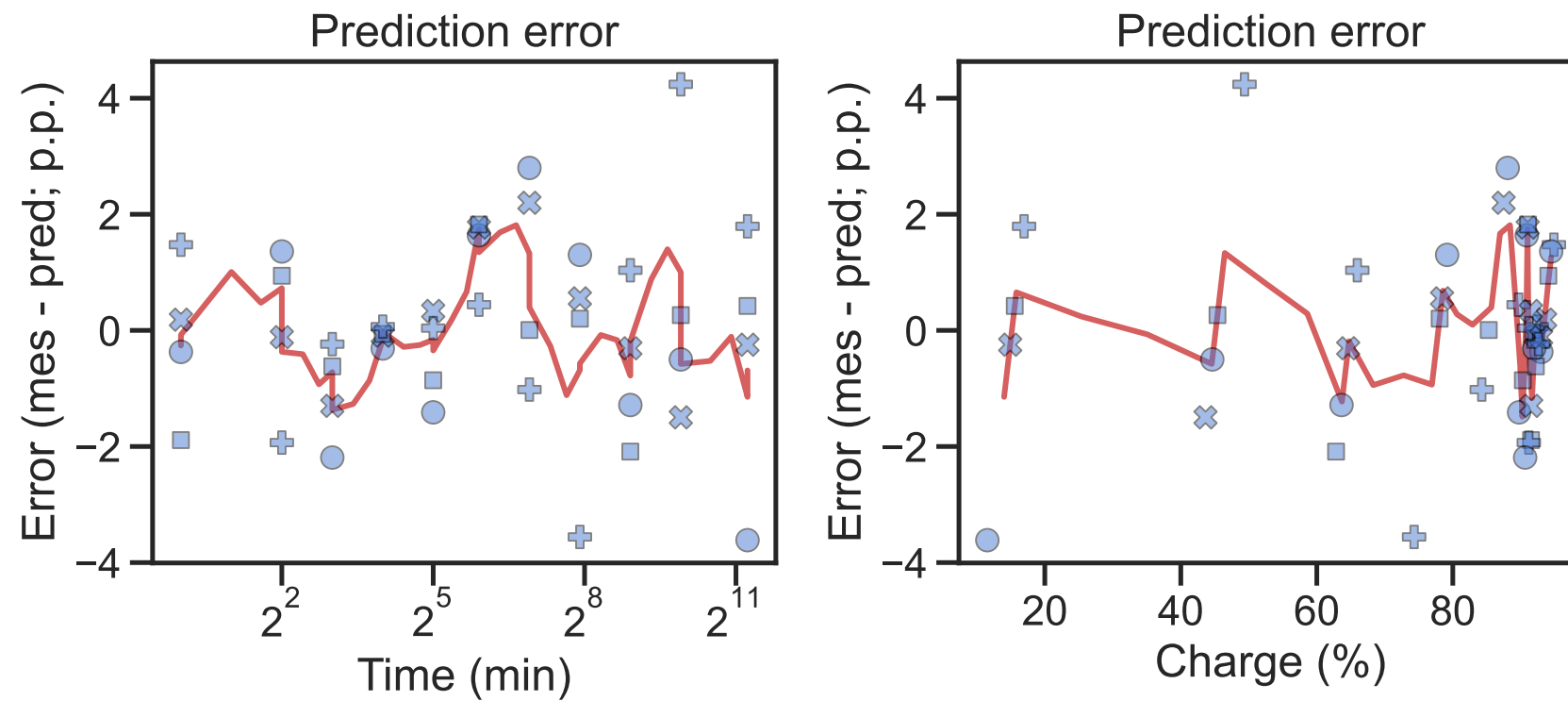
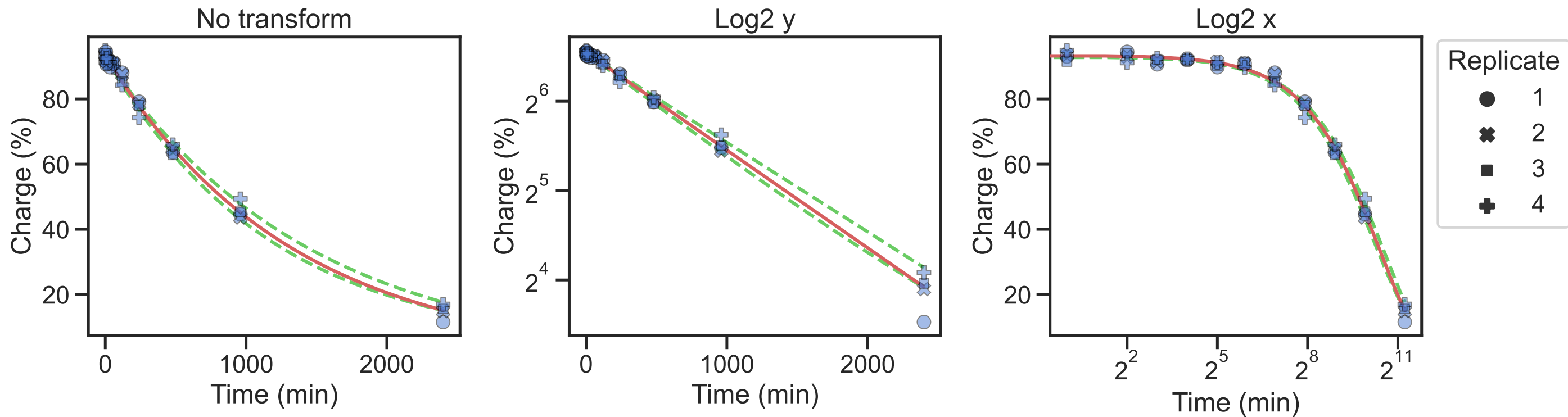
Thr-CGT-4-1 half-life=825min, 95% CI (740; 906)



Thr-TGT-1-1 half-life=856 min, 95% CI (796; 878)

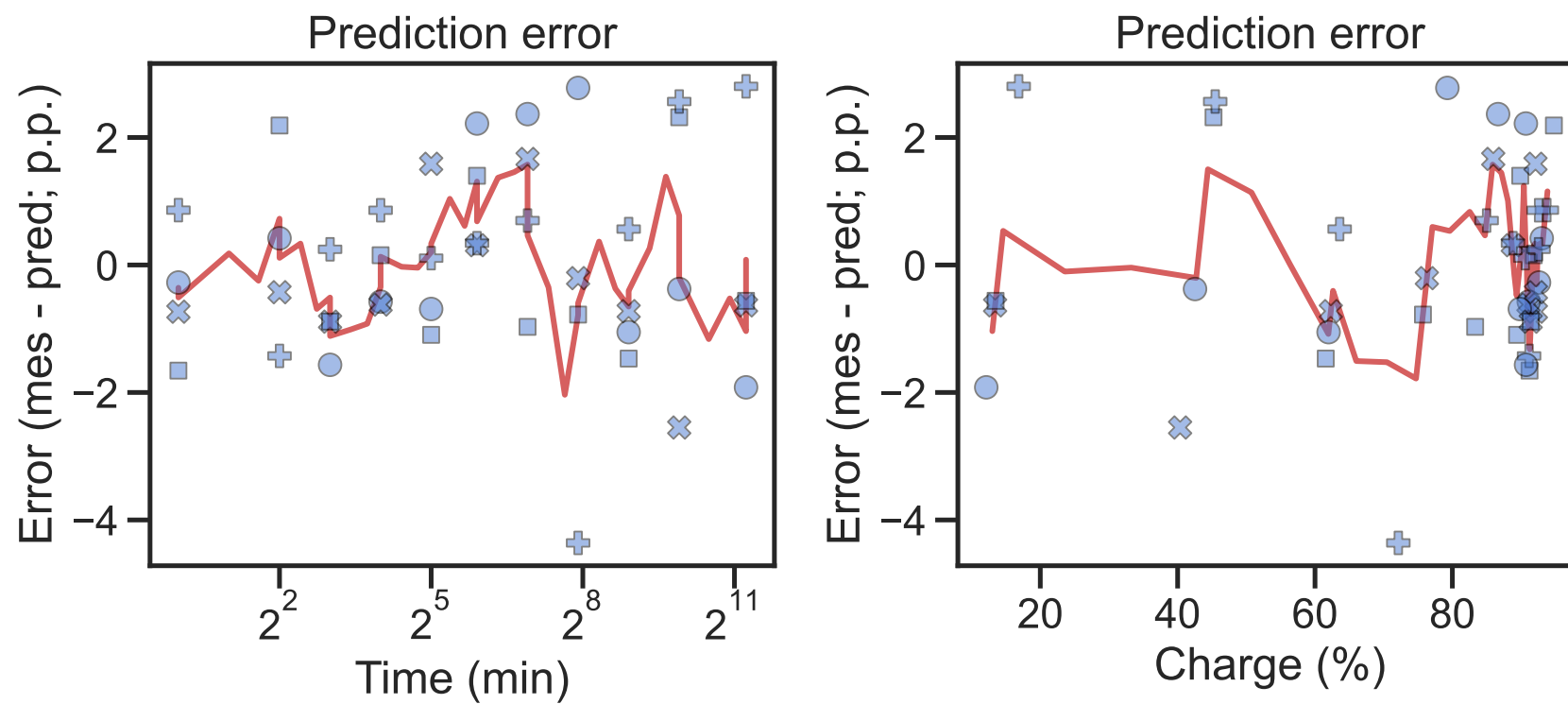
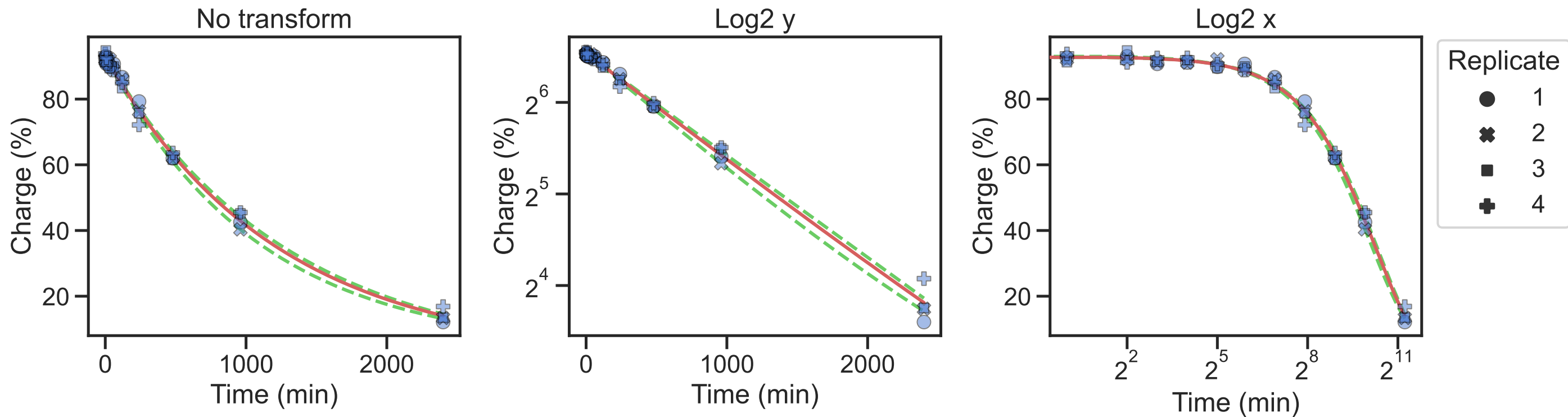


Thr-TGT-2-1 half-life=915 min, 95% CI (813; 1001)

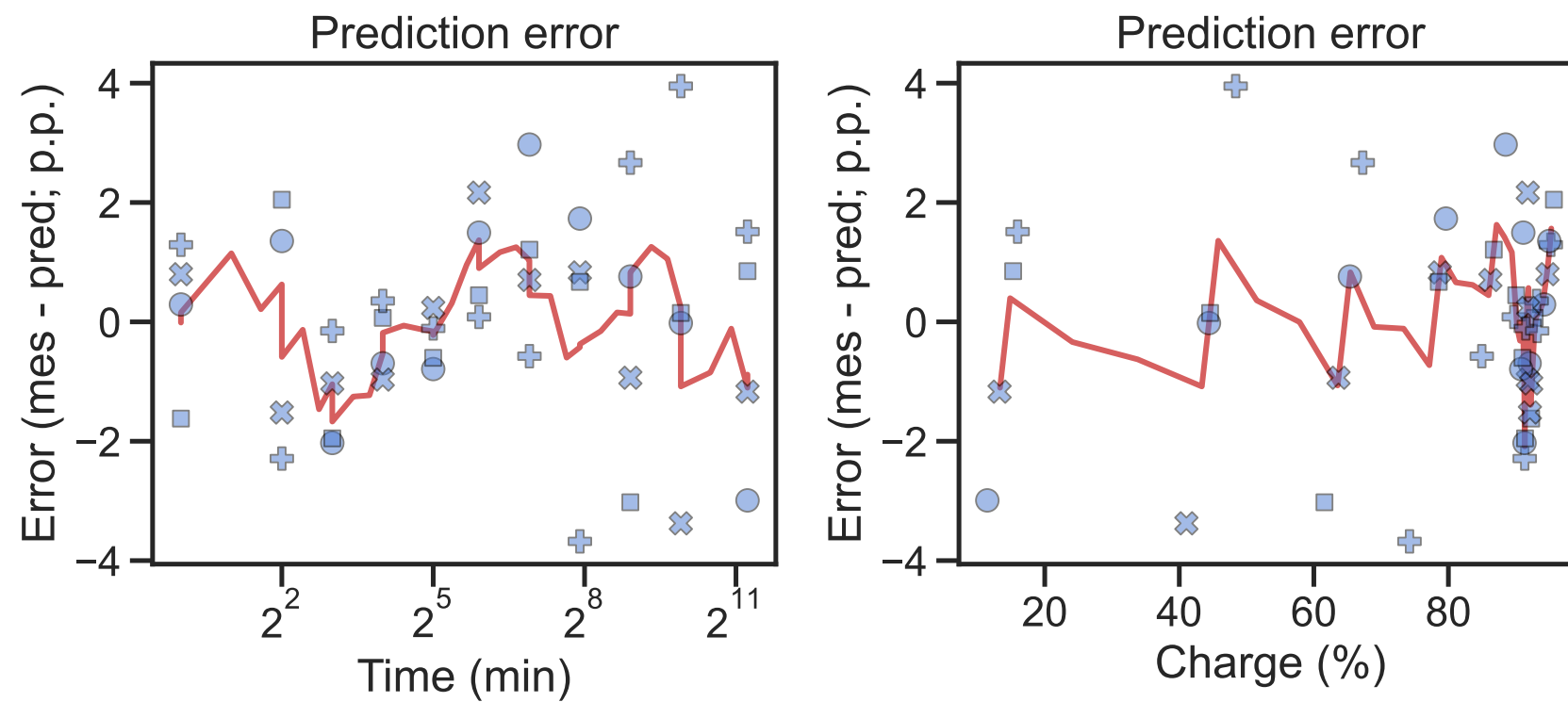
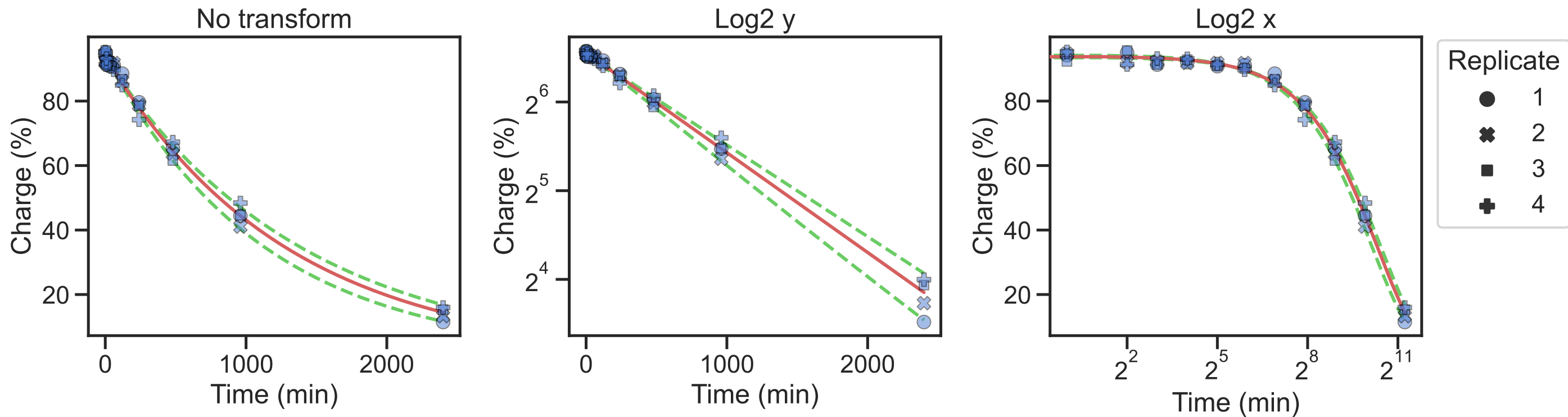




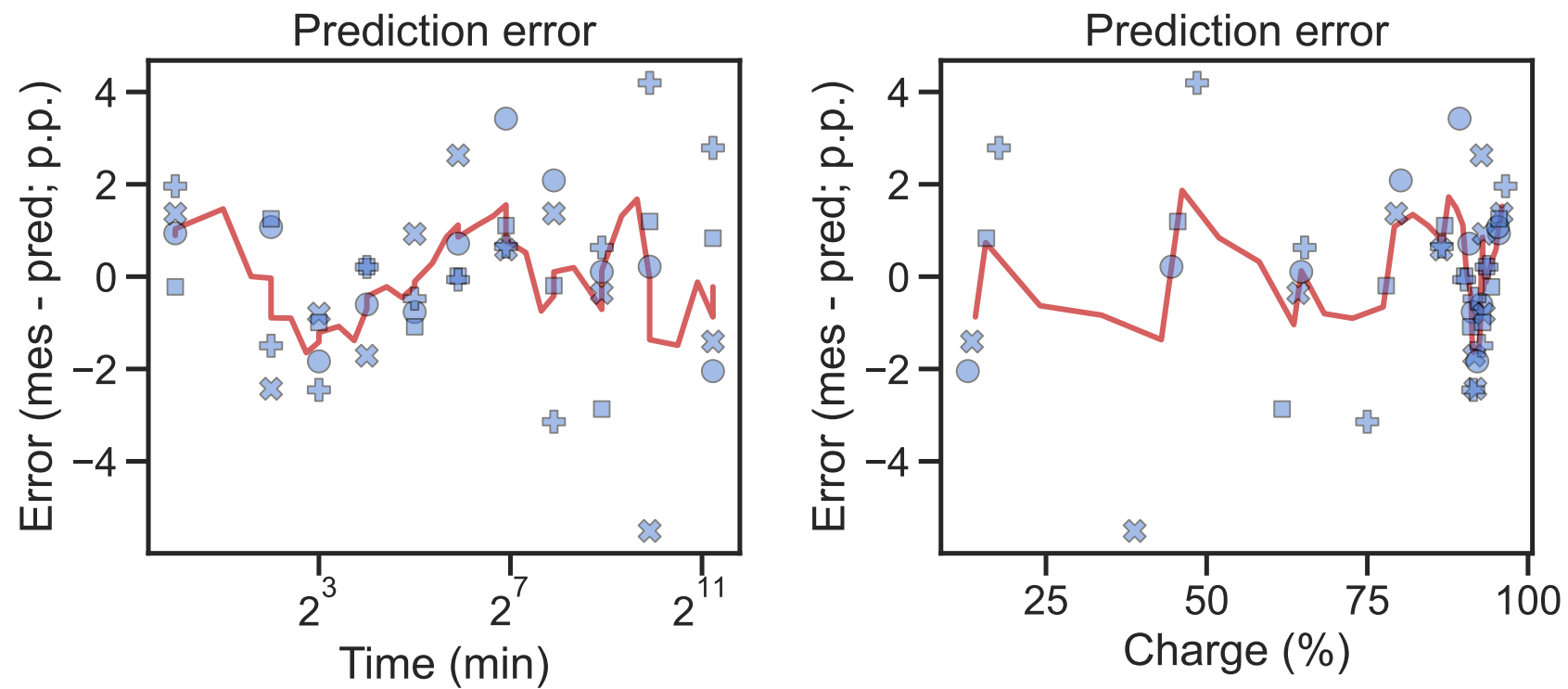
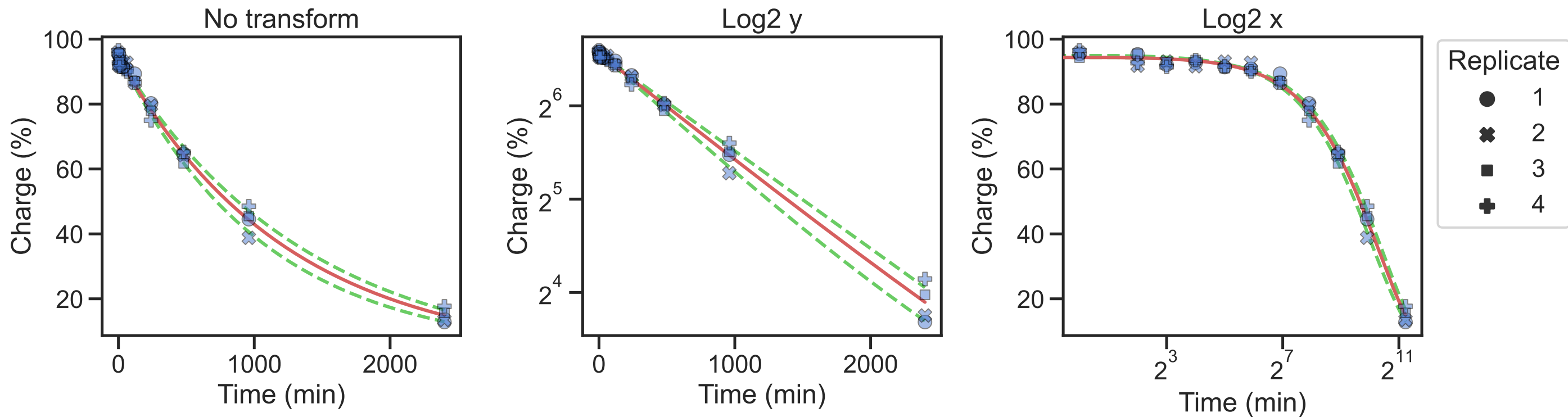
Thr-TGT-3-1 half-life=843 min, 95% CI (747; 897)



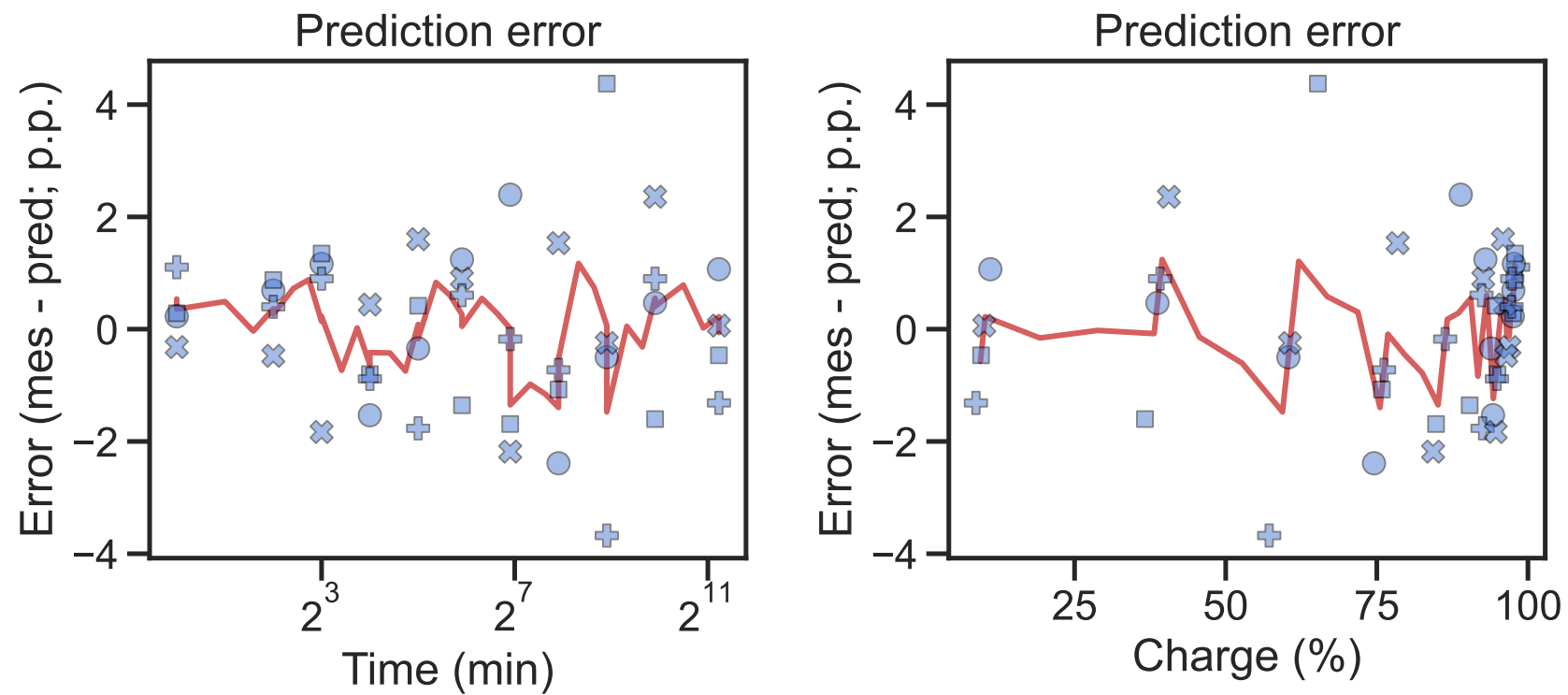
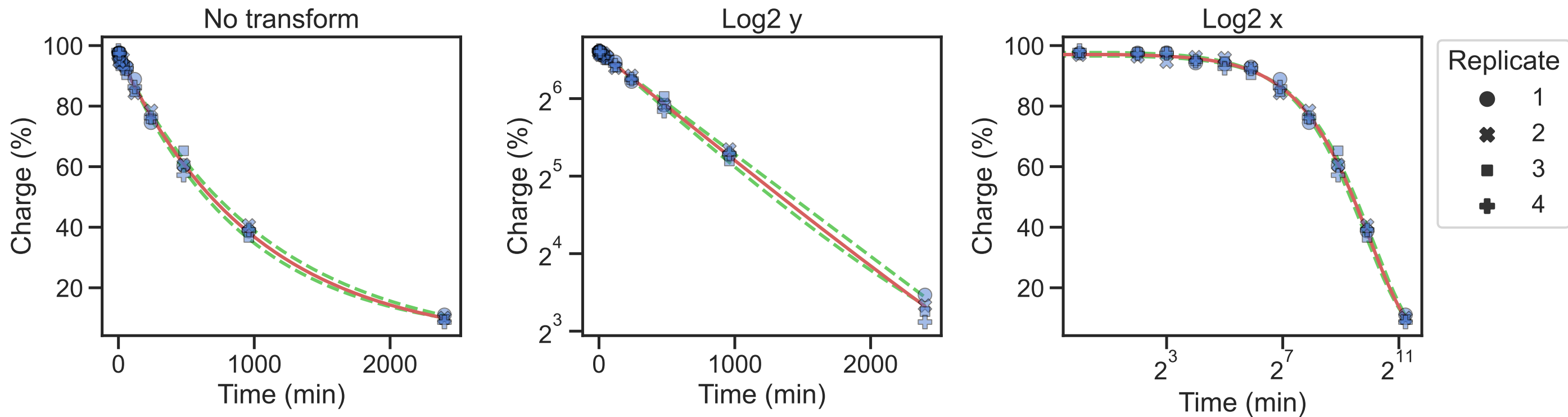
Thr-TGT-4-1 half-life=889 min, 95% CI (773; 968)



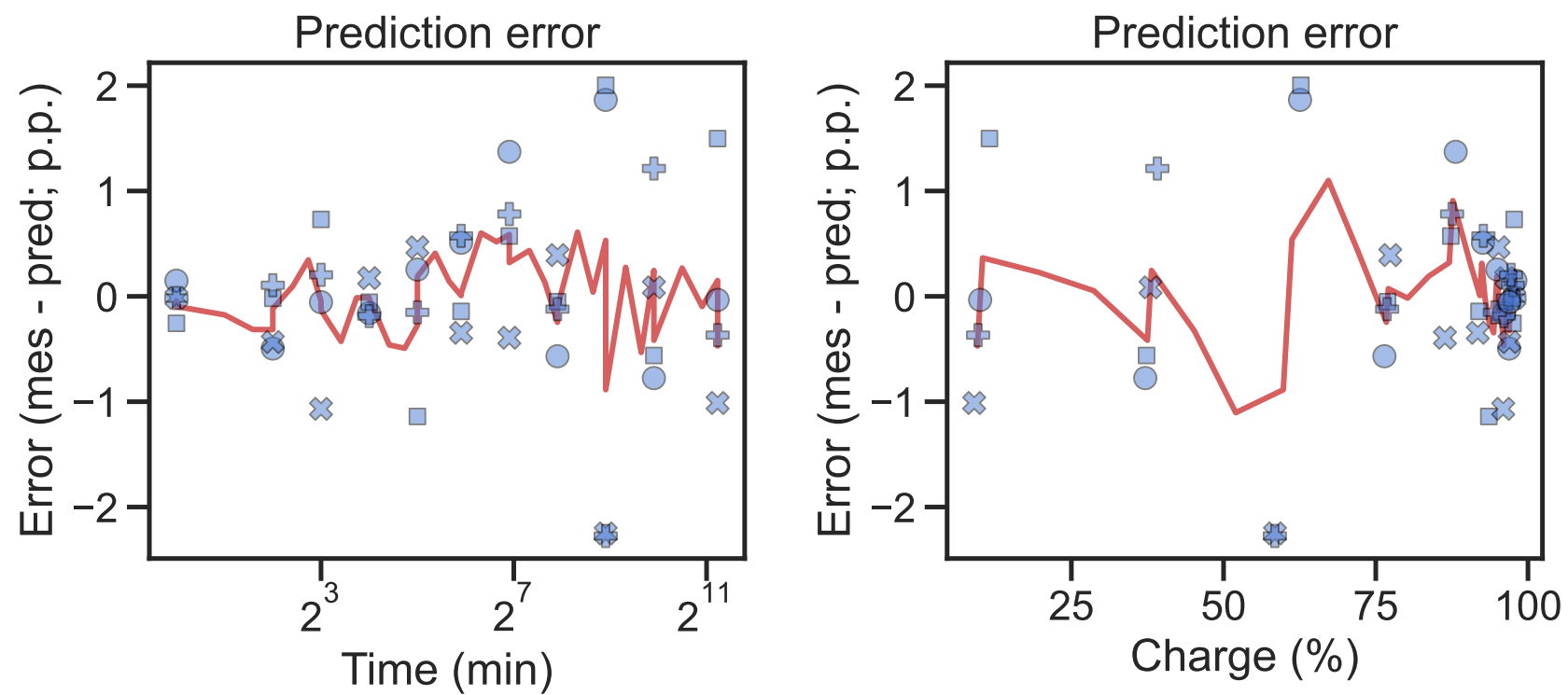
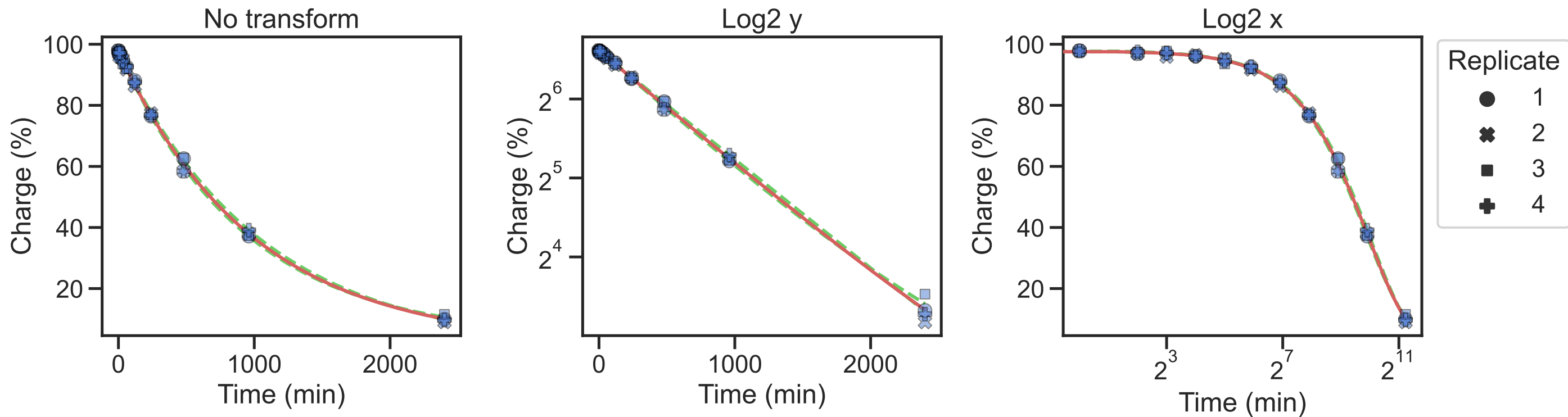
Thr-TGT-5-1 half-life=856 min, 95% CI (739; 956)



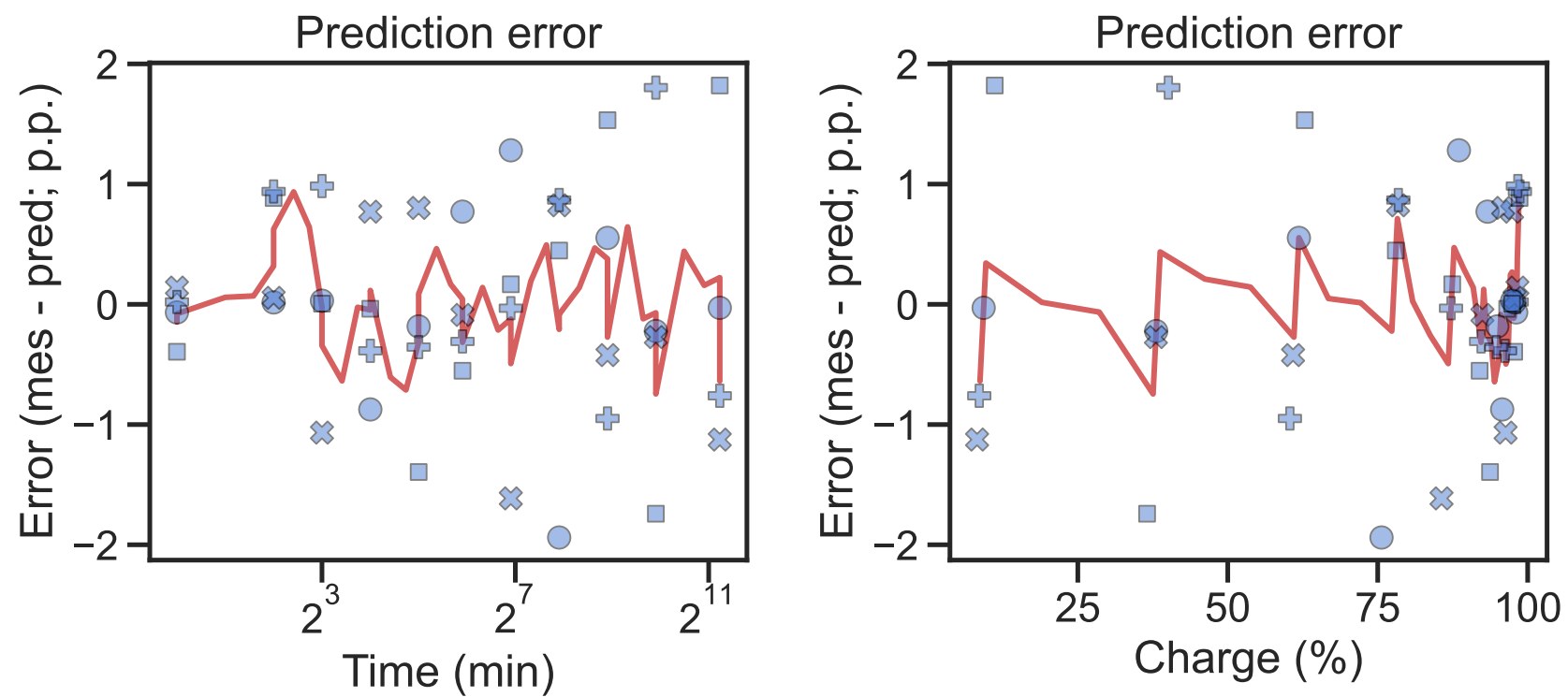
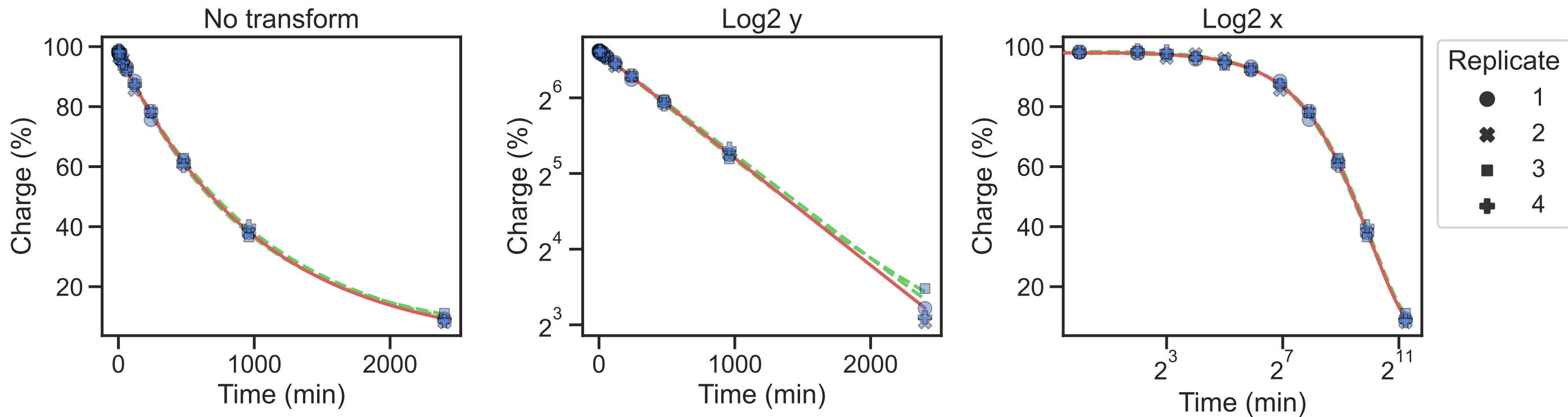
Trp-CCA-1-1 half-life=700min, 95% CI (627; 760)



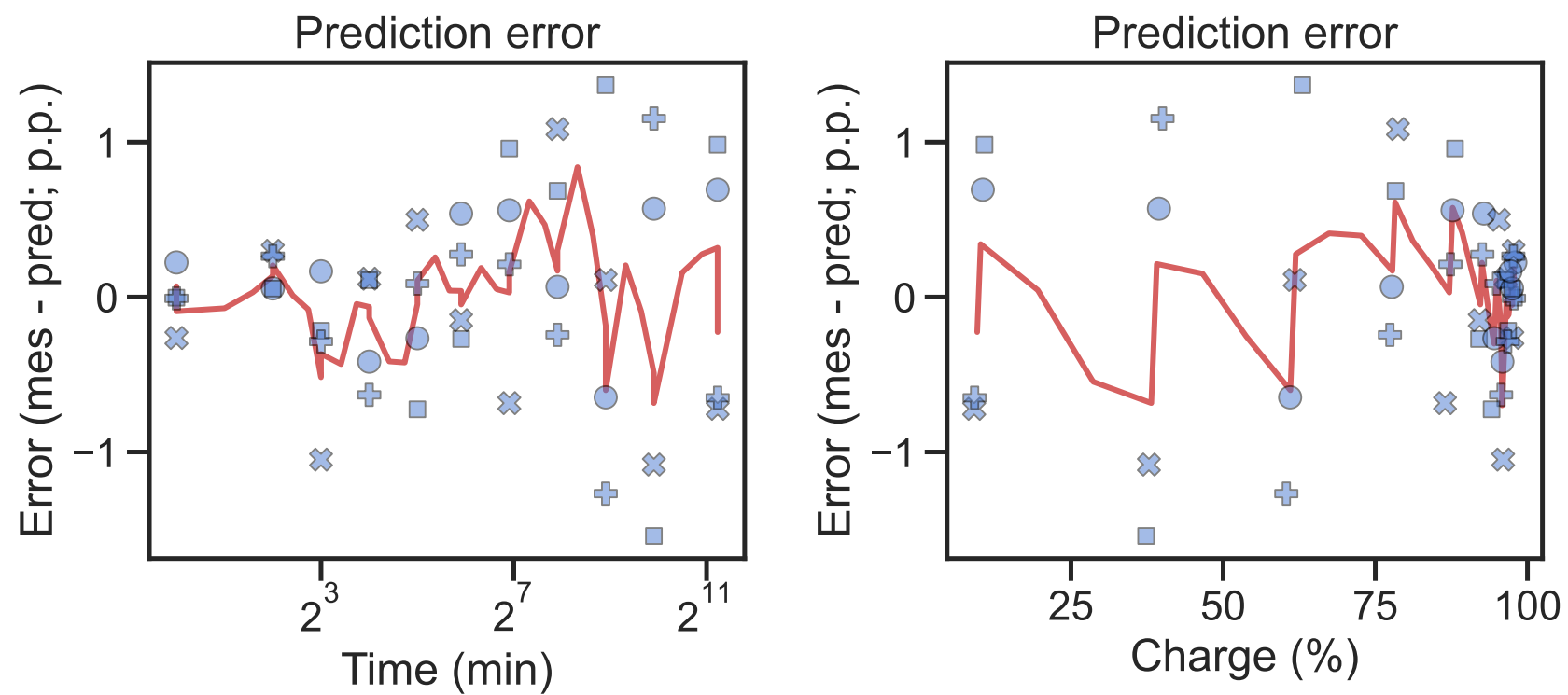
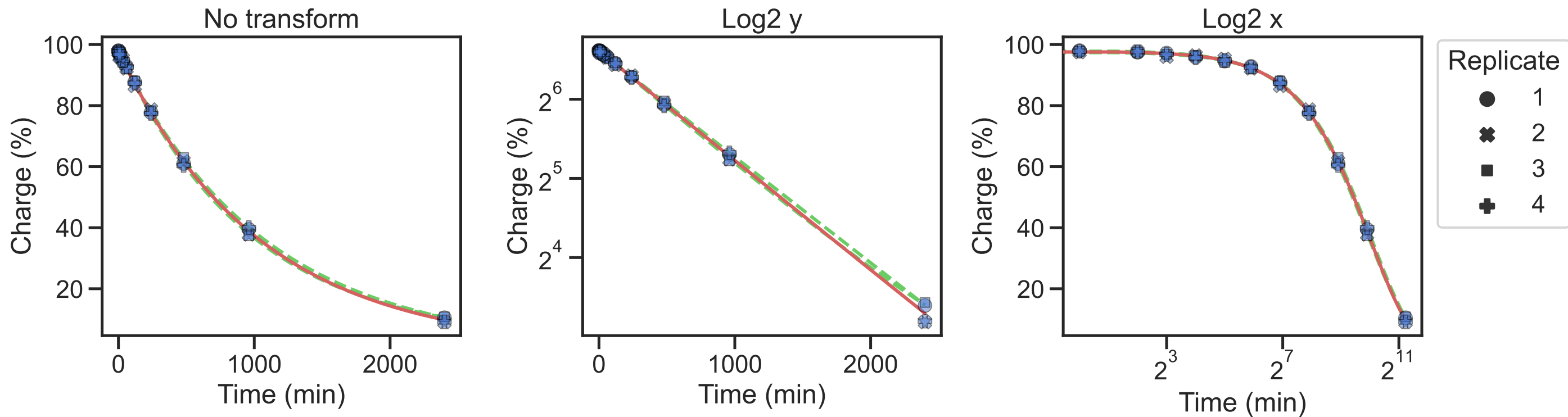
Trp-CCA-2-1 half-life=683min, 95% CI (643; 727)



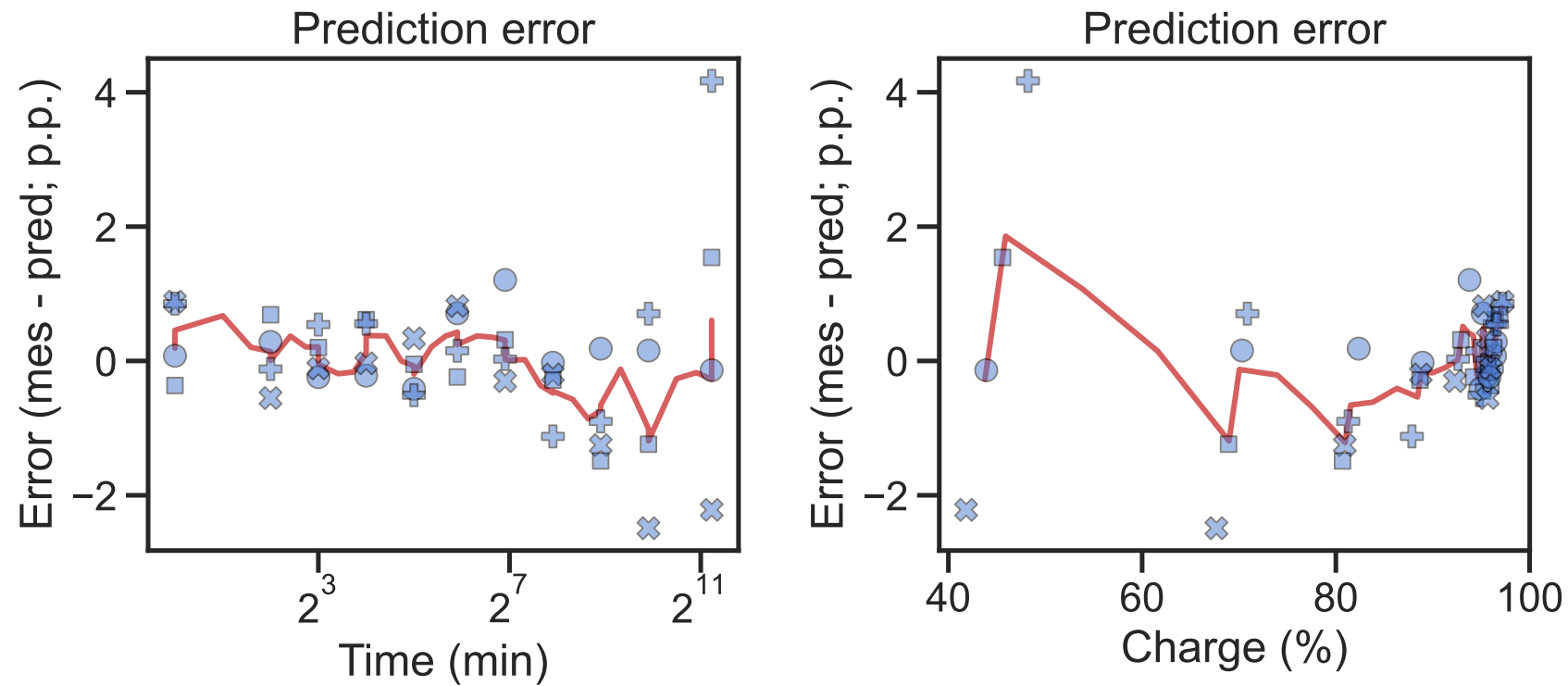
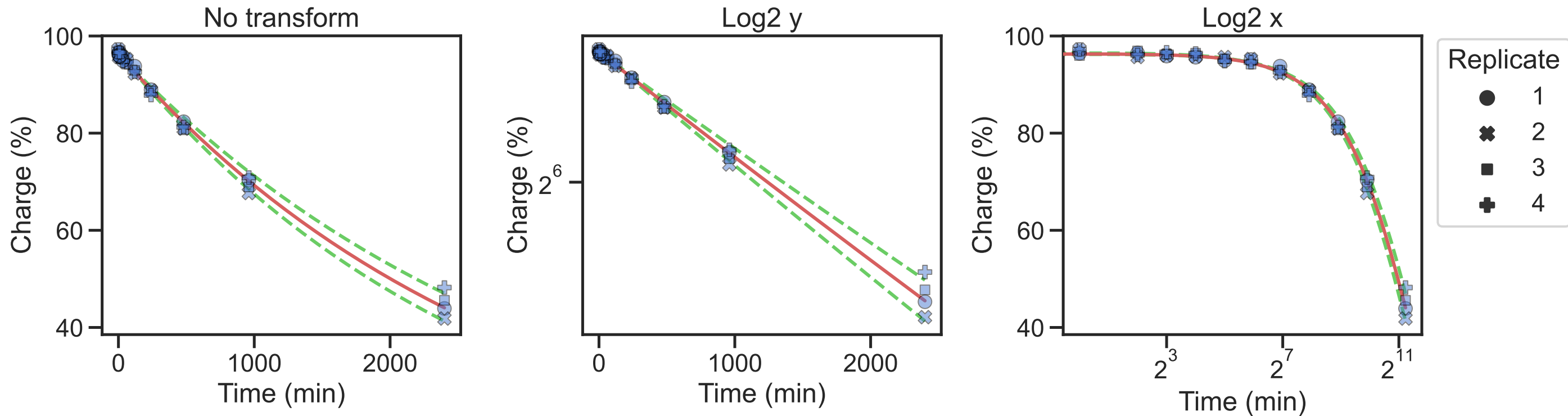
Trp-CCA-3-1 half-life=707min, 95% CI (652; 732)



Trp-CCA-4-1 half-life=720min, 95% CI (673; 748)

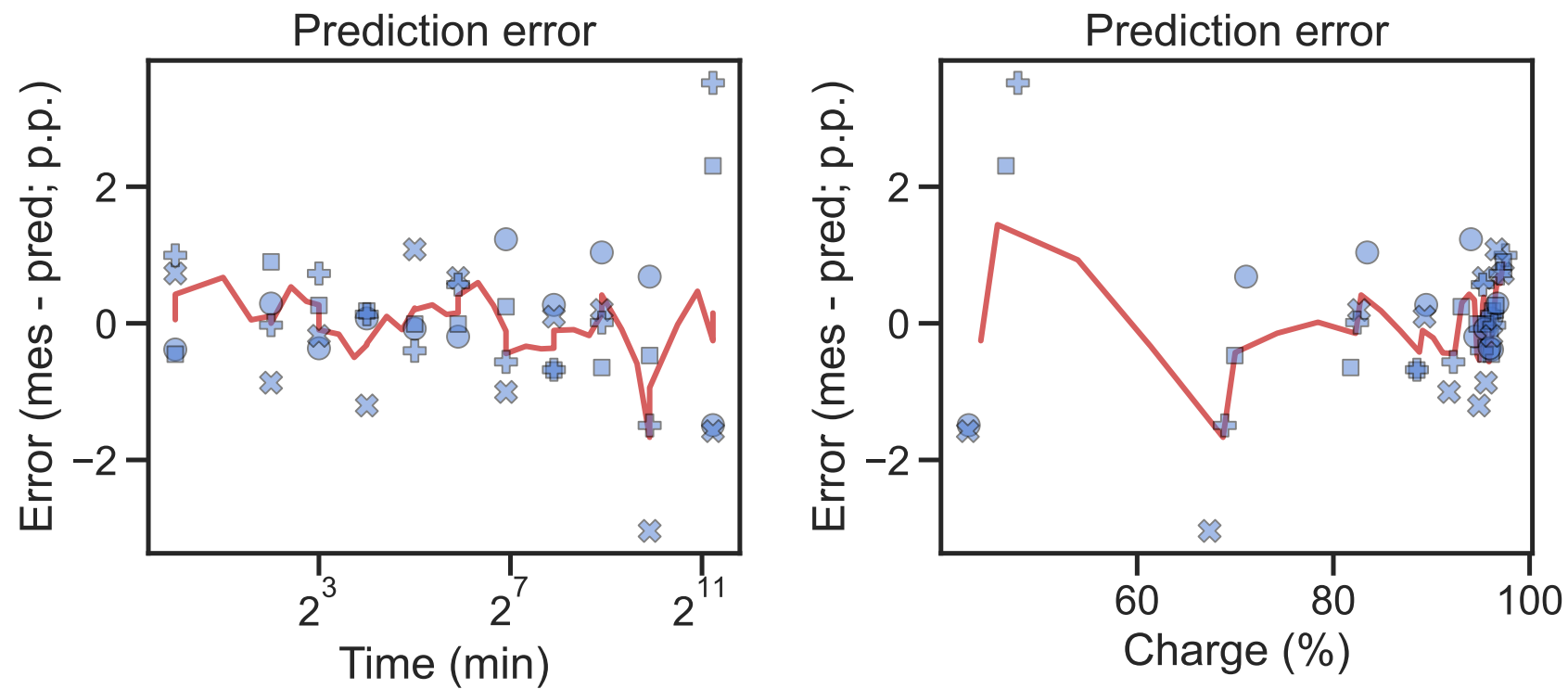
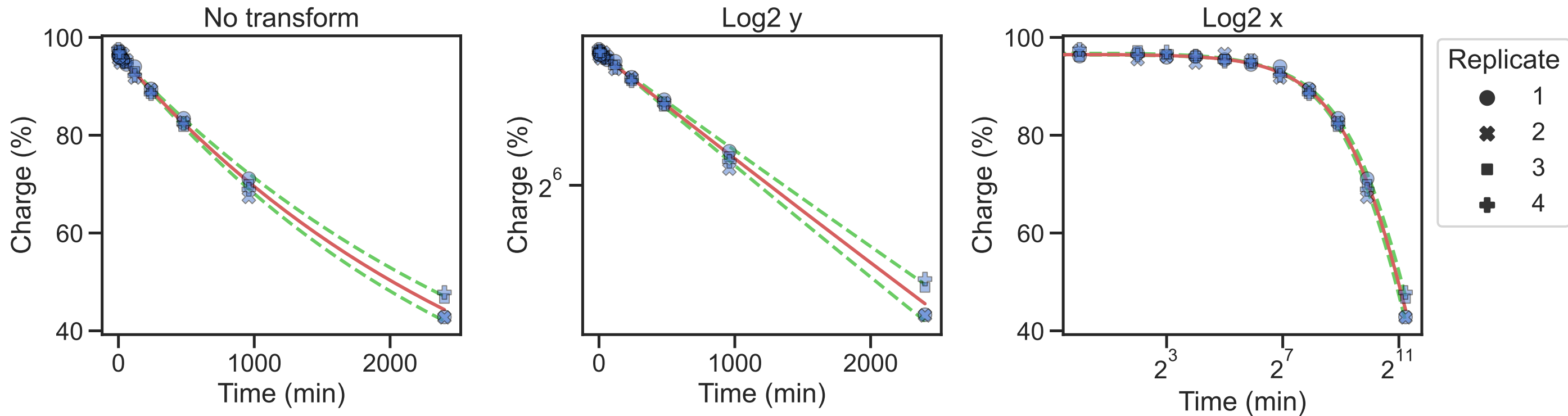


Val-AAC-1-1 half-life=2008 min, 95% CI (1848; 2197)

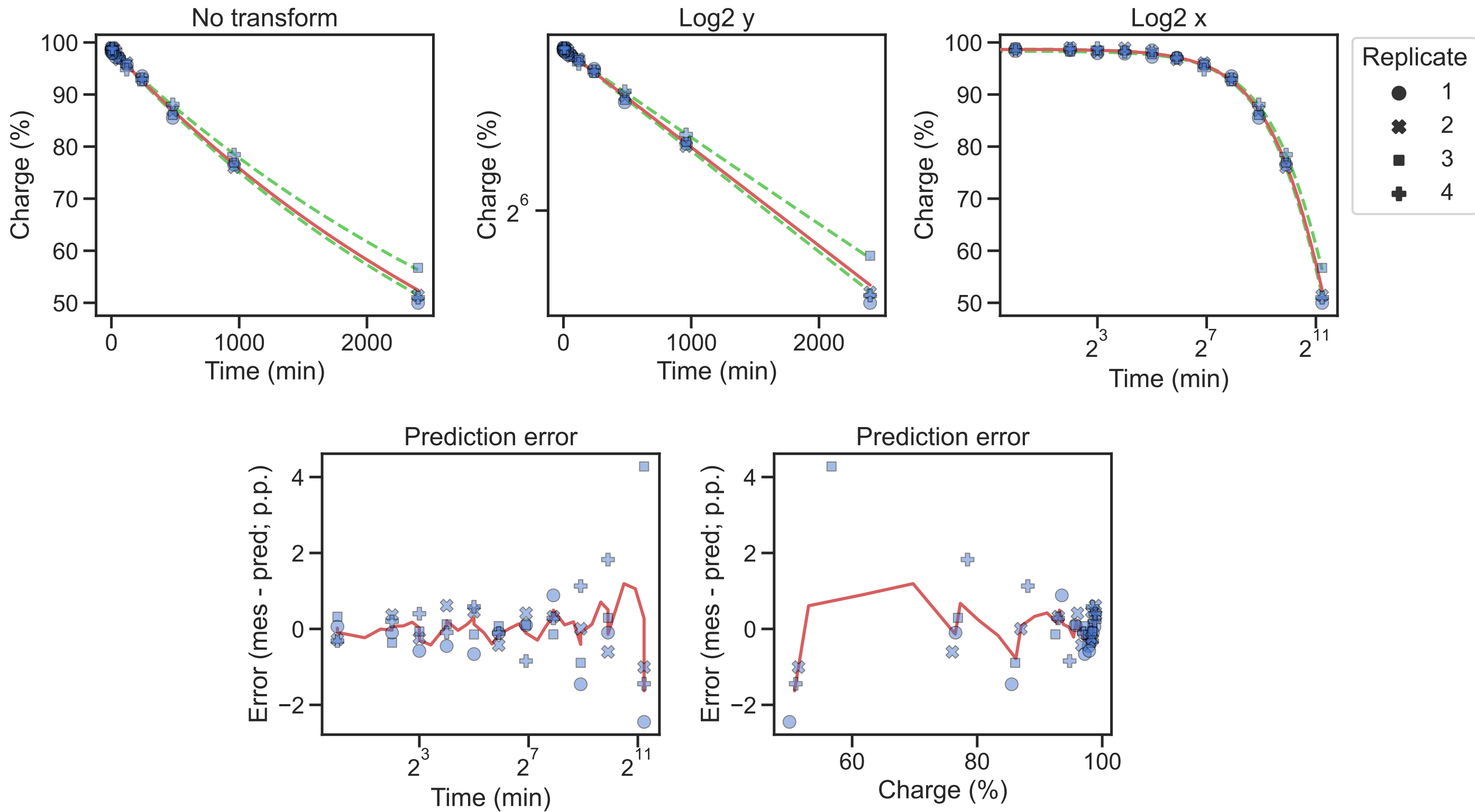




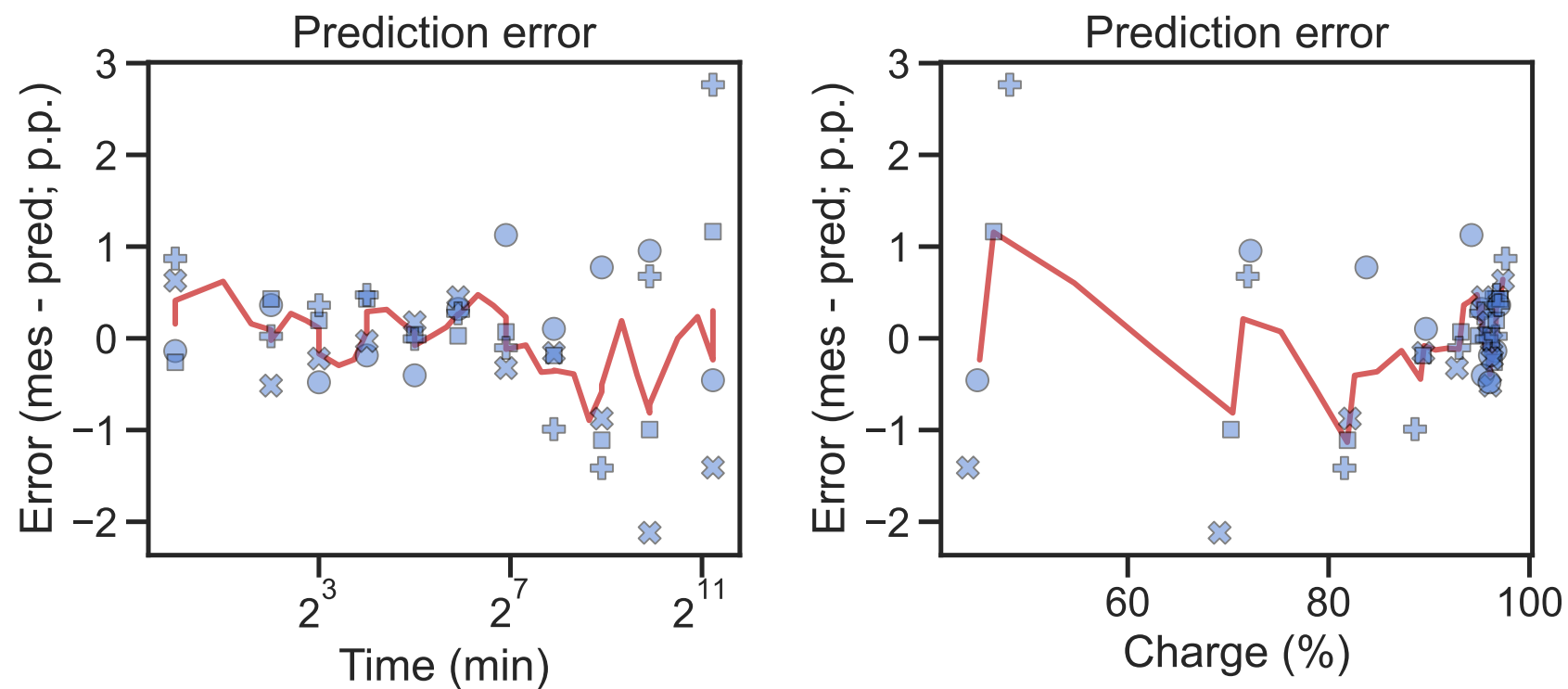
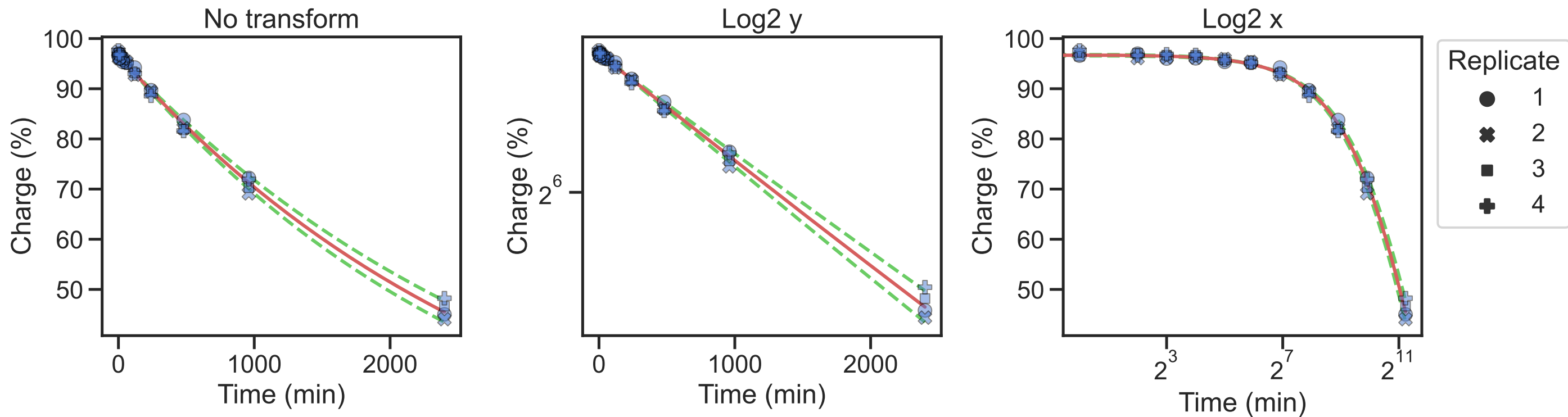
Val-AAC-2-1 half-life=2019 min, 95% CI (1879; 2194)



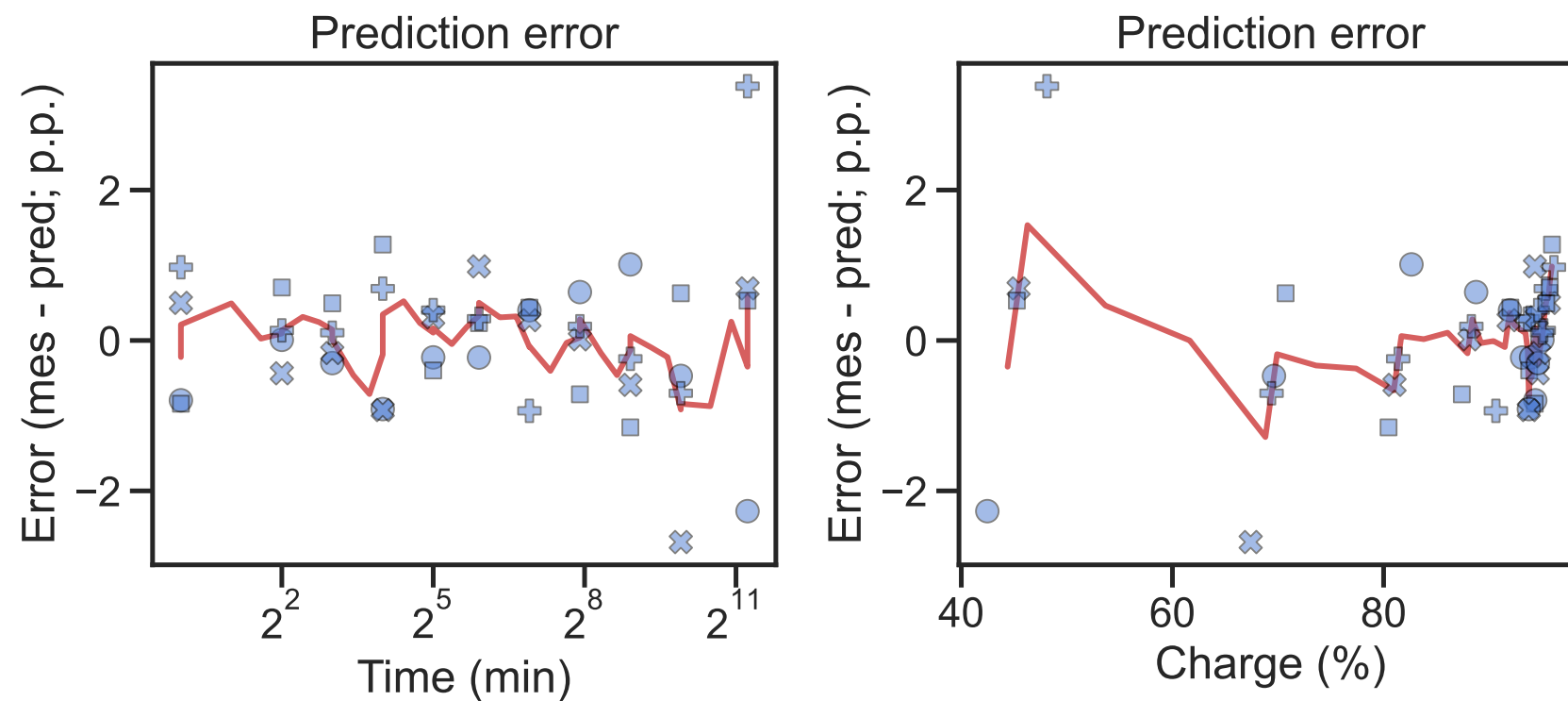
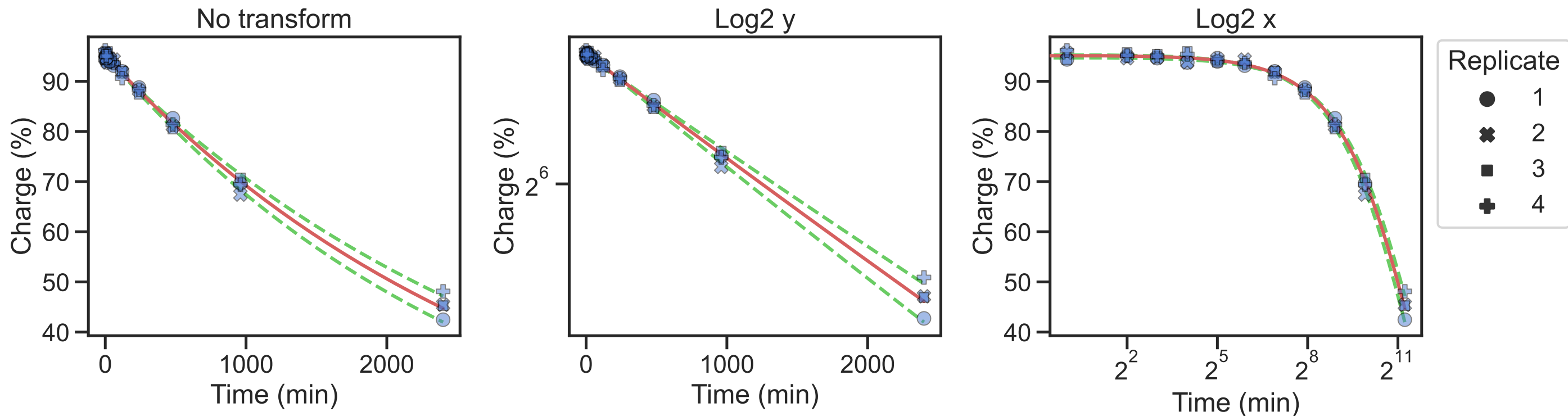
Val-AAC-3-1 half-life=2629 min, 95% CI (2427; 2842)



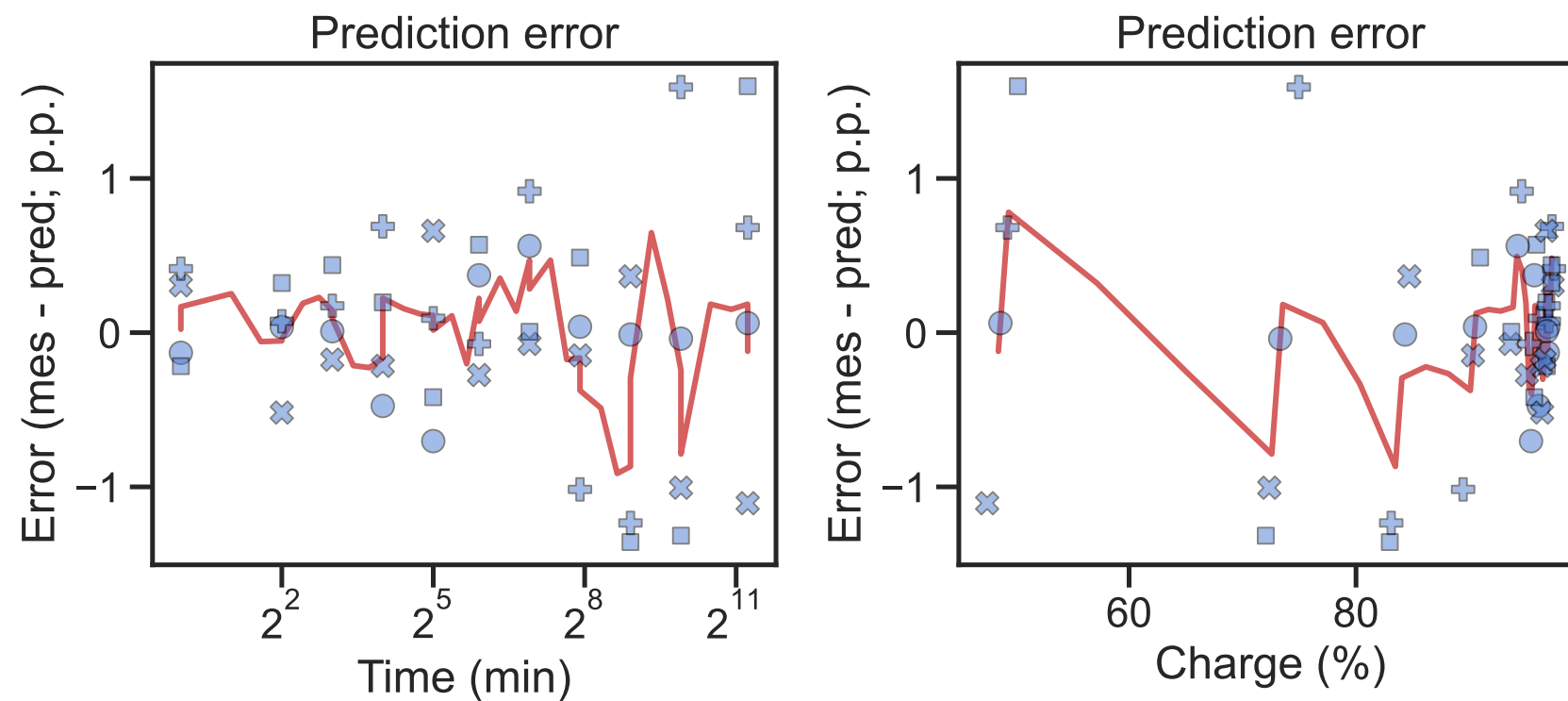
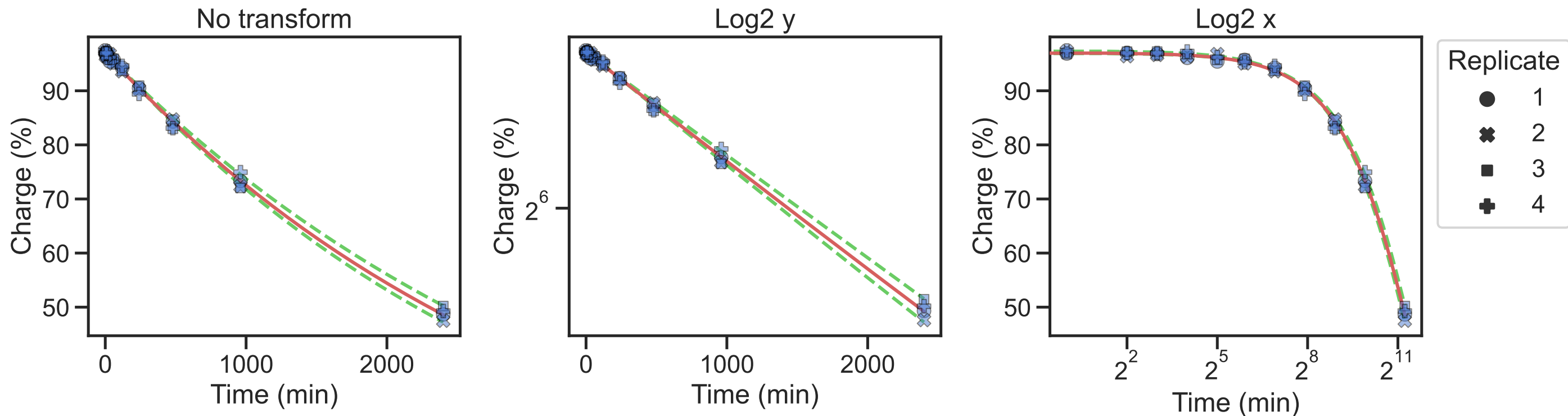
Val-CAC-1-1 half-life=2085 min, 95% CI (1962; 2236)



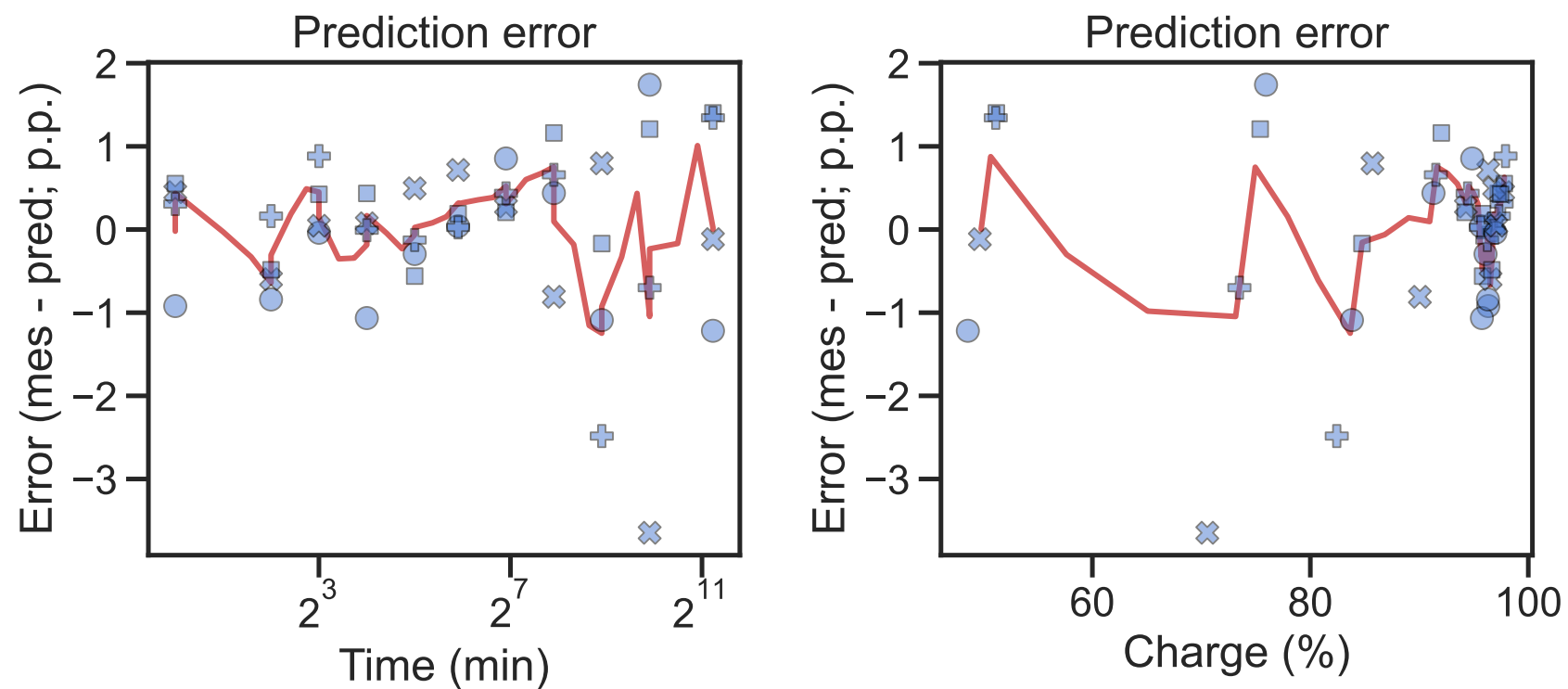
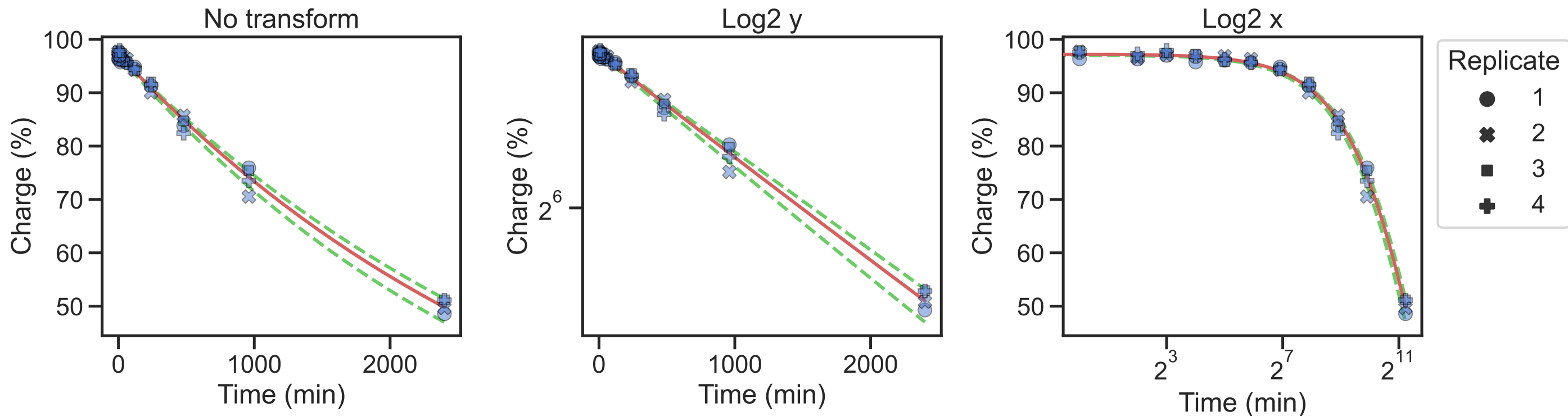
Val-CAC-2-1 half-life=2082 min, 95% CI (1913; 2259)



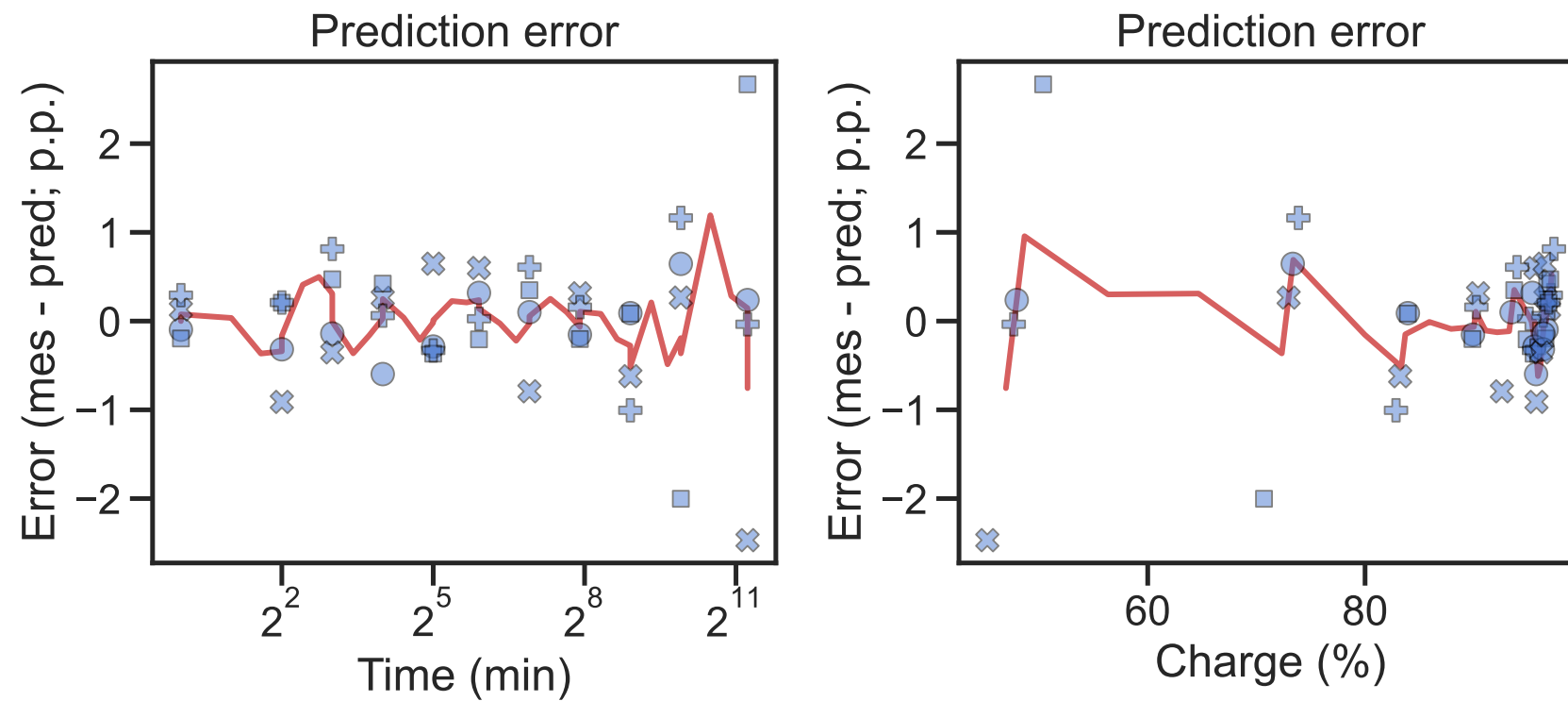
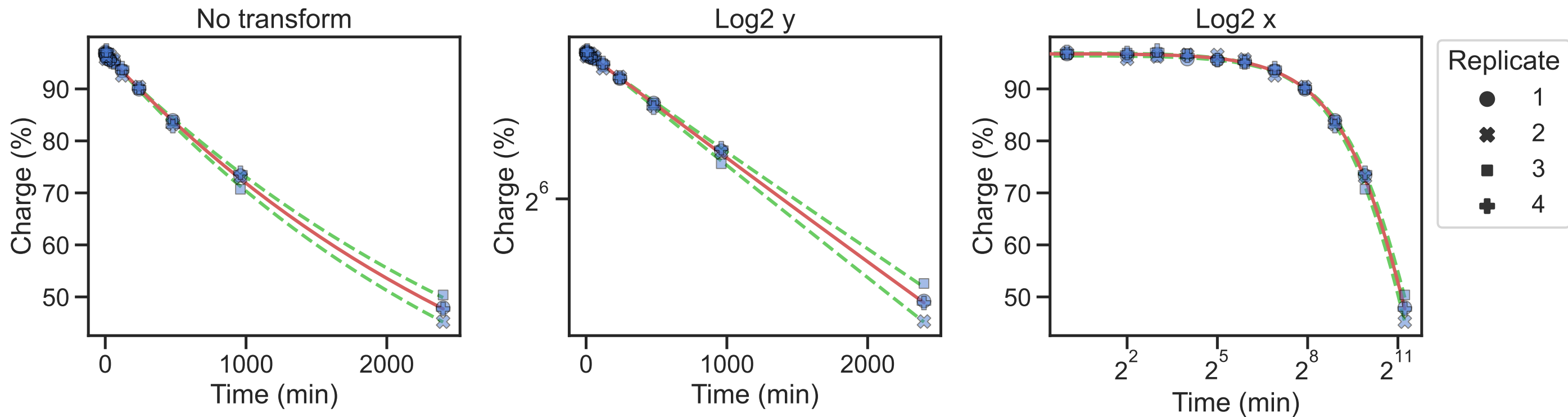
Val-CAC-3-1 half-life=2281 min, 95% CI (2178; 2508)



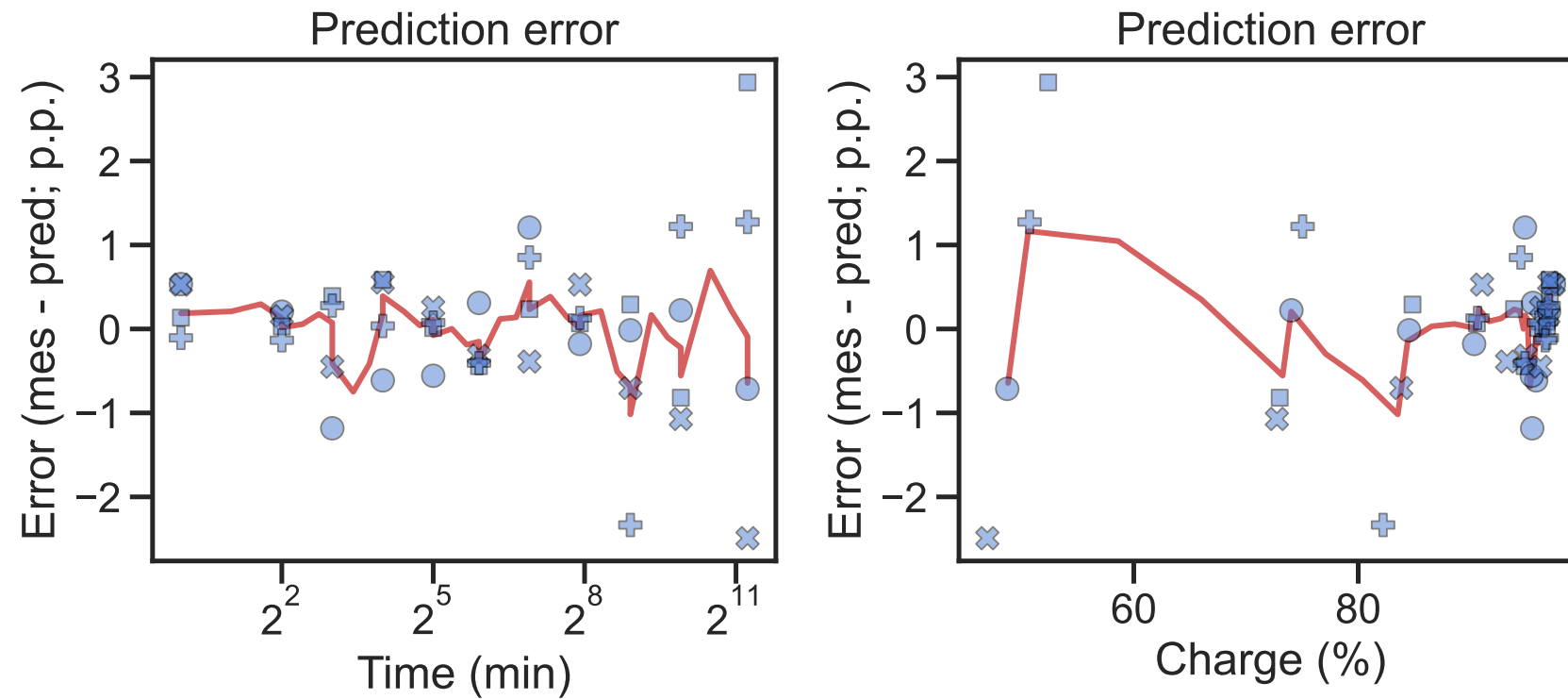
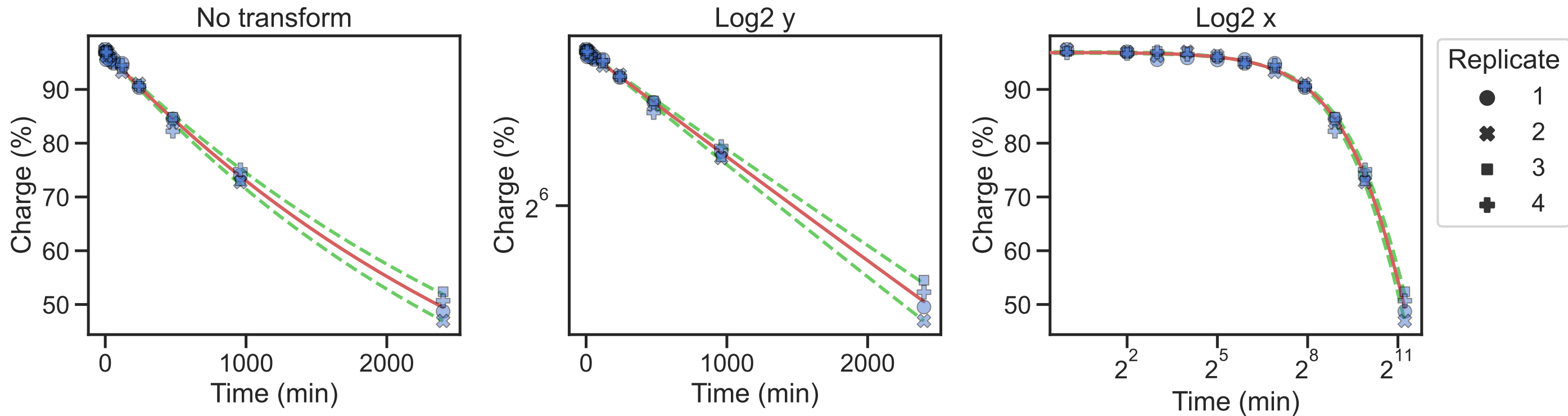
Val-CAC-4-1 half-life=2357 min, 95% CI (2172; 2616)



Val-TAC-1-1 half-life=2227 min, 95% CI (2104; 2393)



Val-TAC-2-1 half-life=2344 min, 95% CI (2167; 2535)





iMet-CAT-1-1 half-life=408 min, 95% CI (395; 422)

