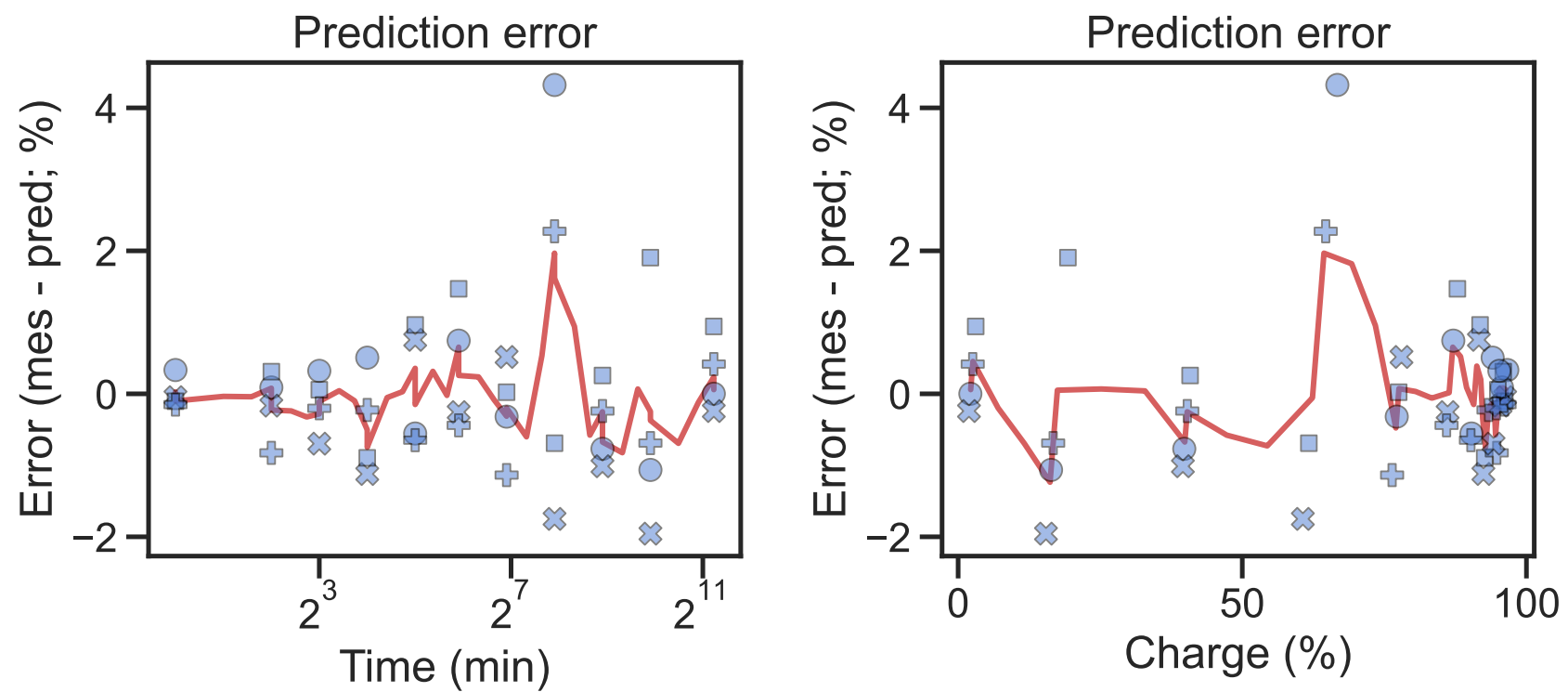
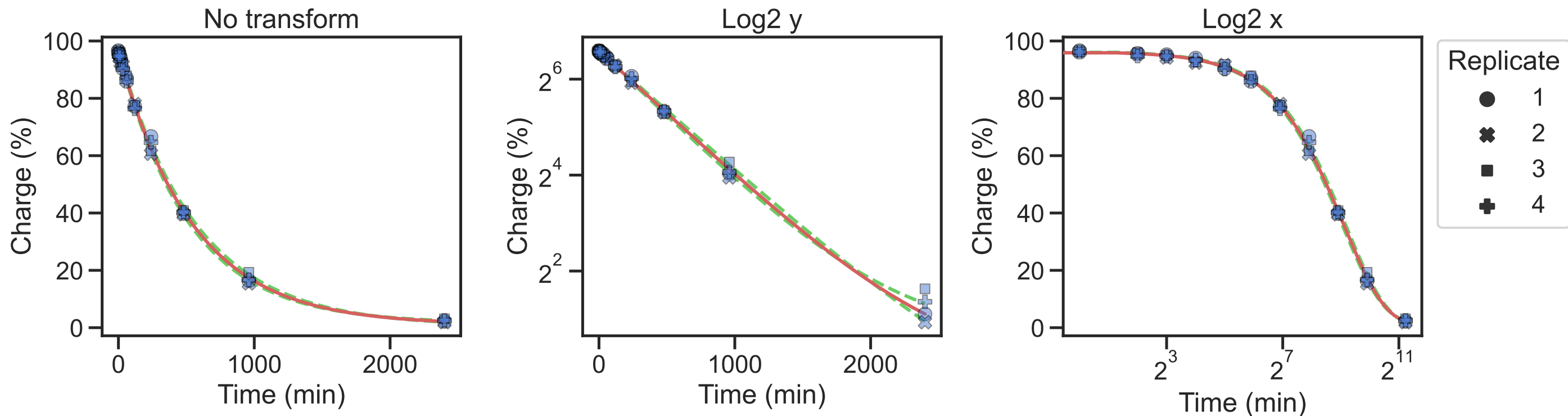
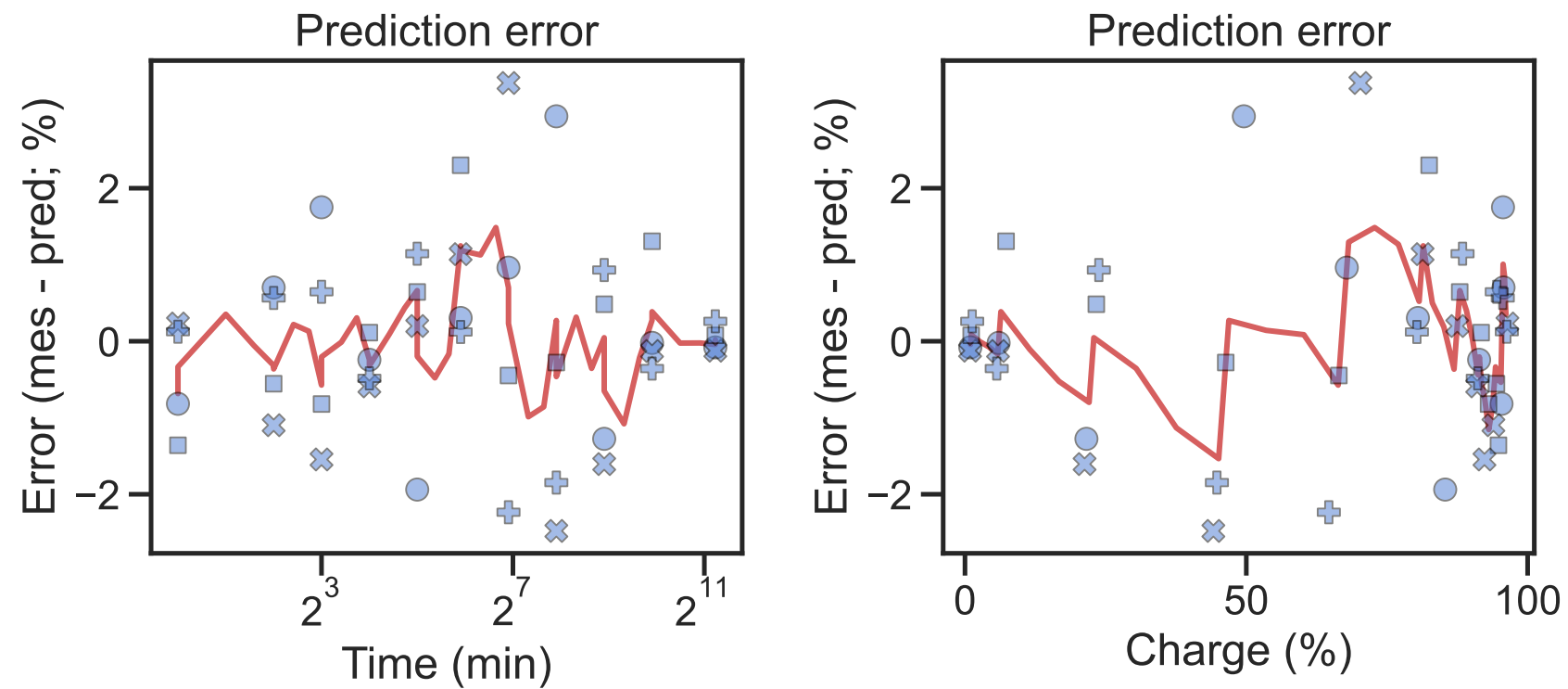
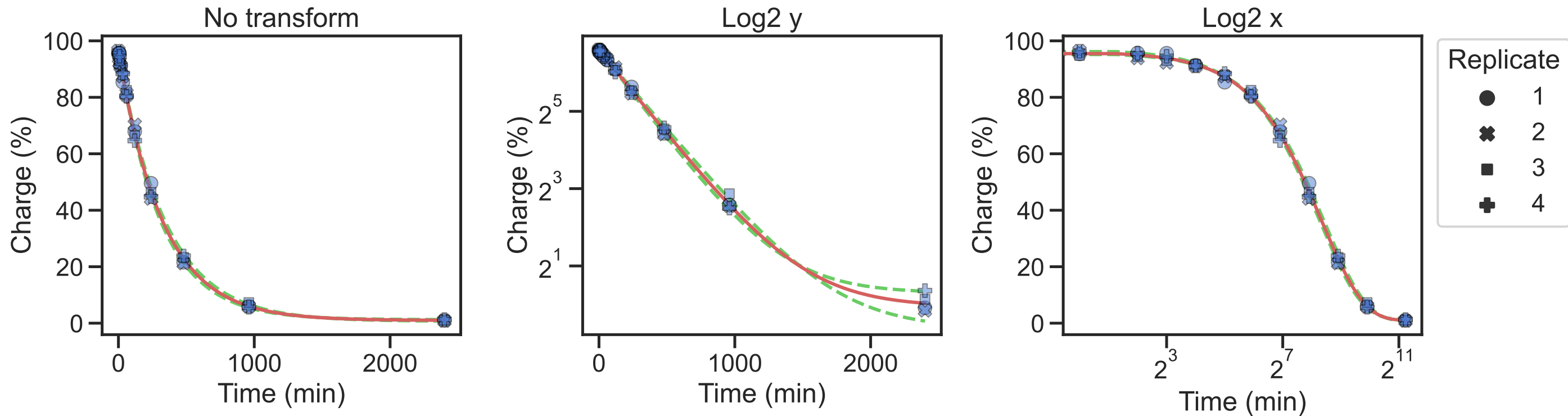


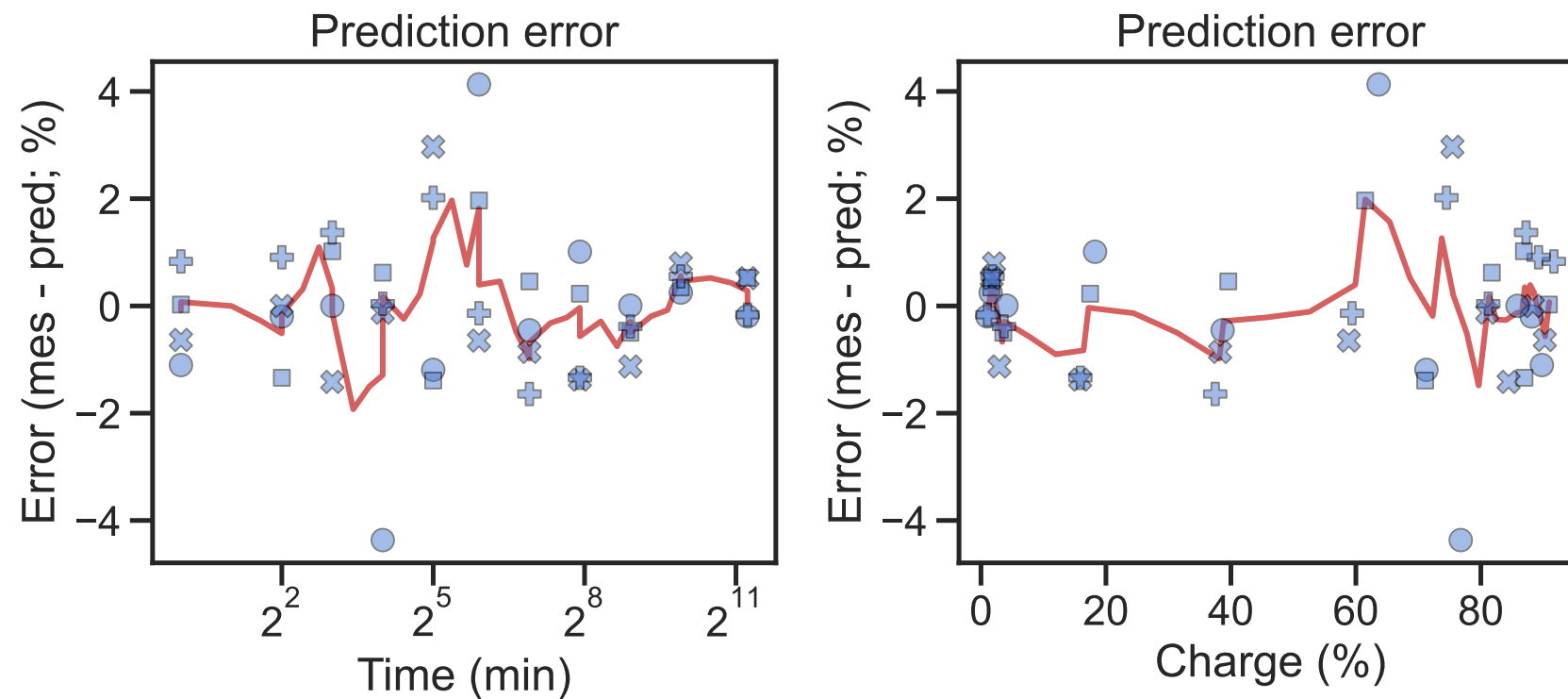
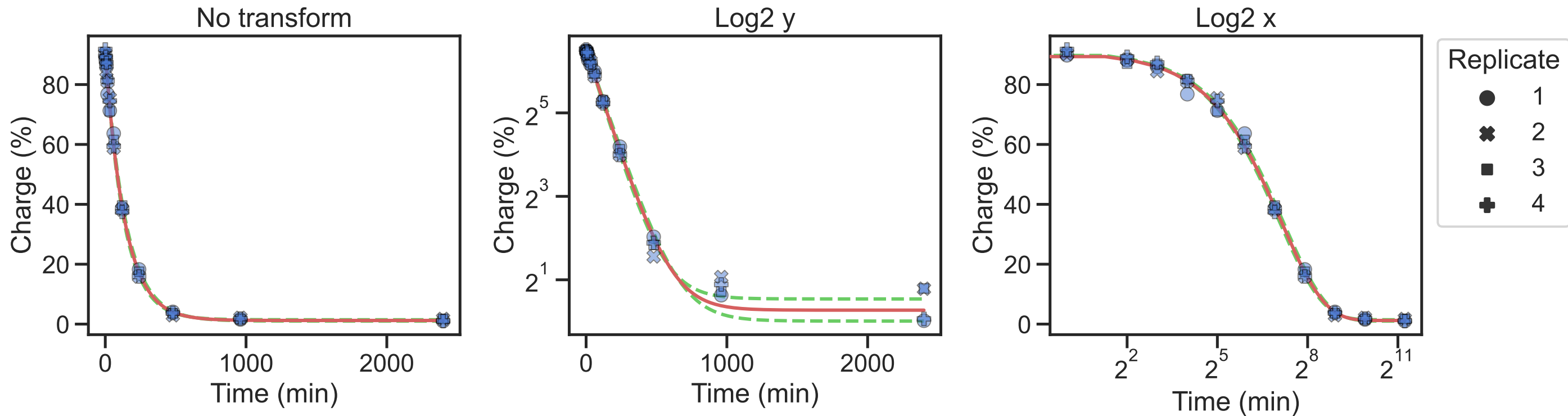
mito-Ala-TGC half-life=379 min, 95% CI (360; 399)



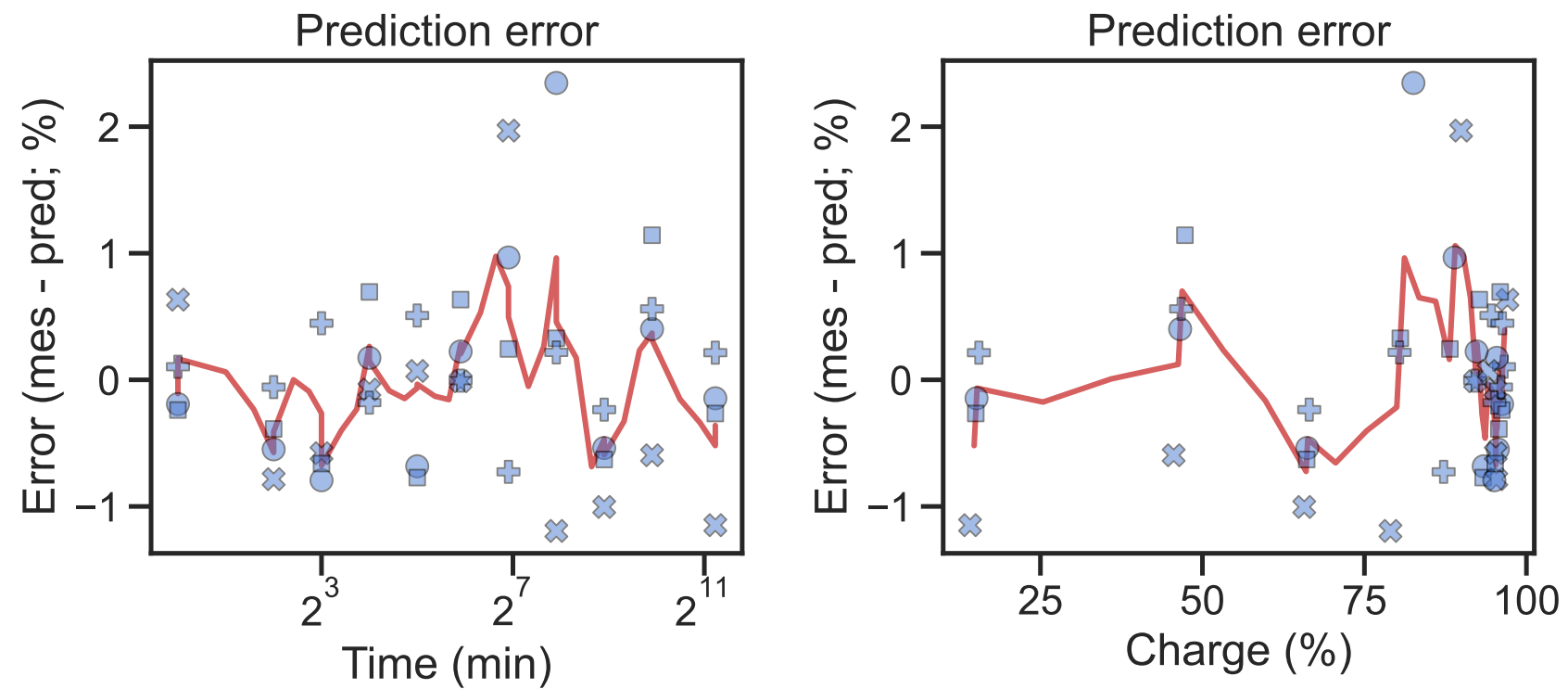
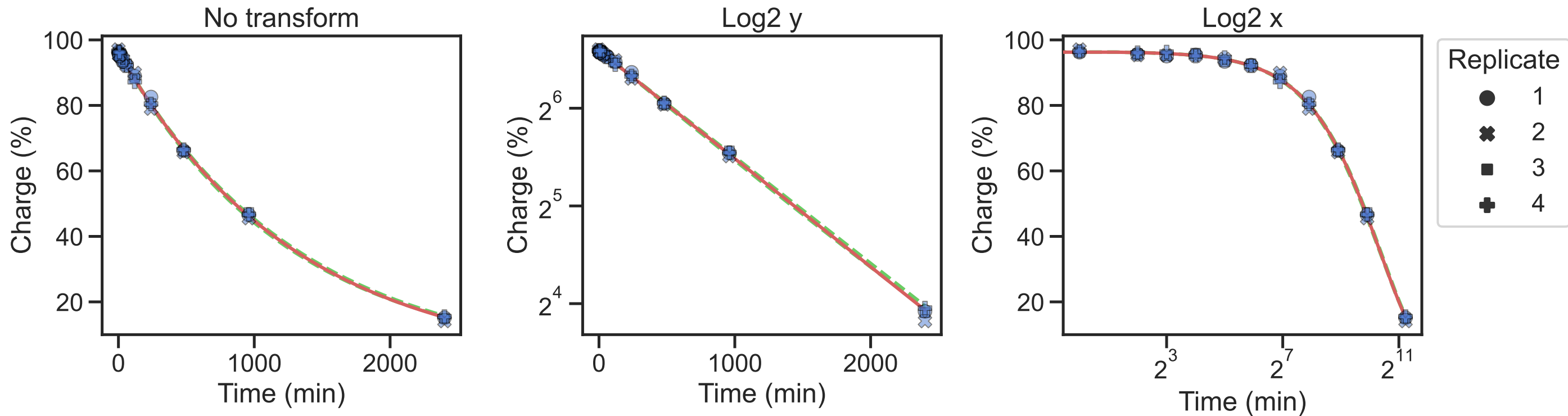
mito-Arg-TCG half-life=226 min, 95% CI (214; 241)



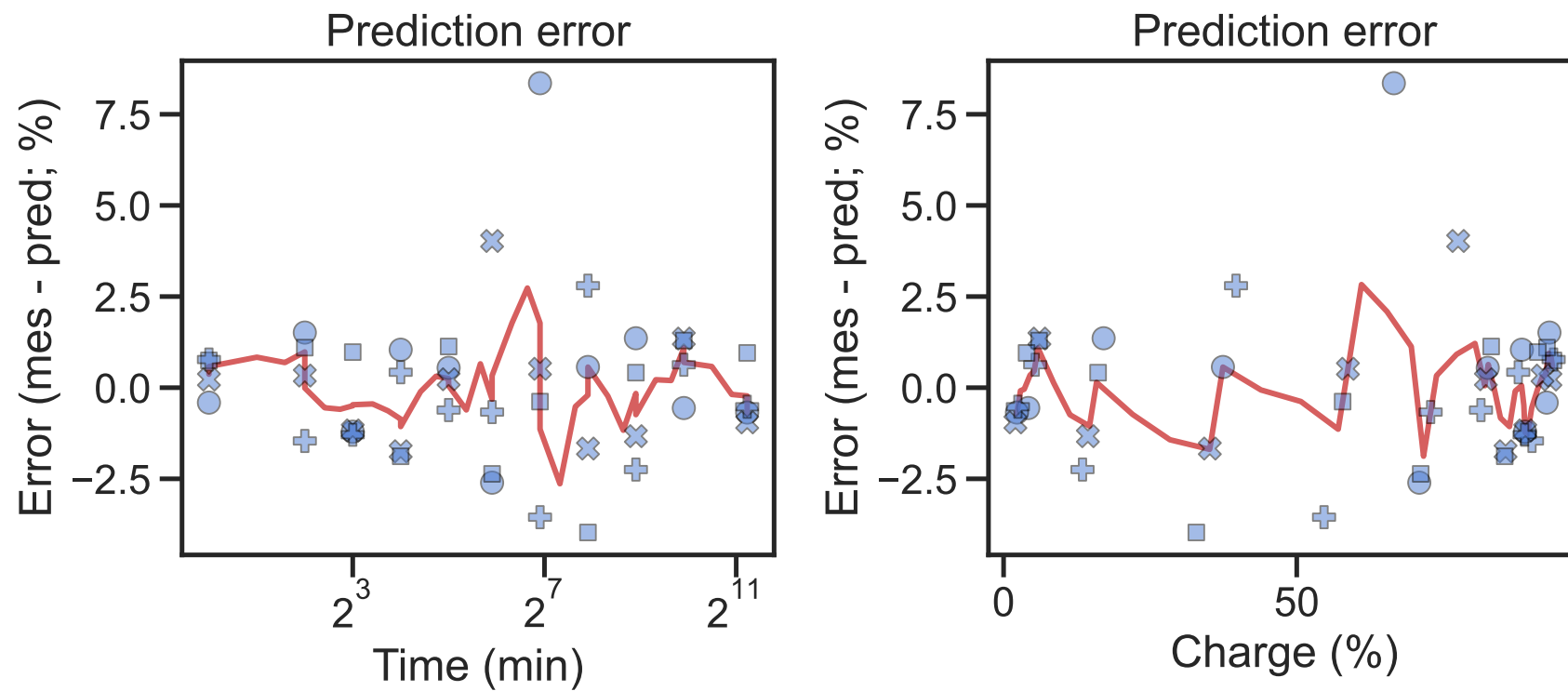
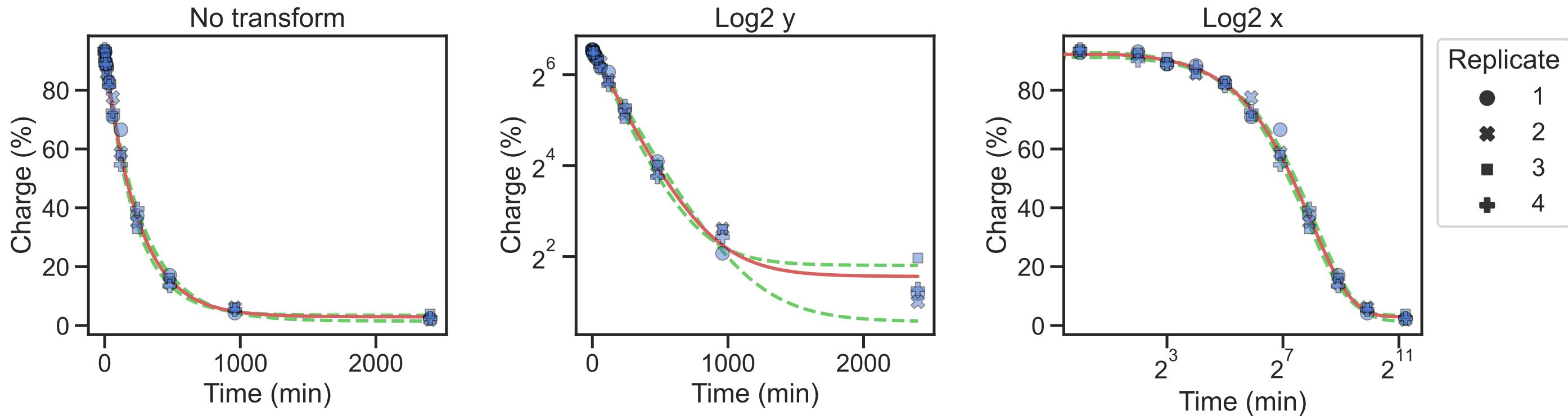
mito-Asn-GTT half-life=97 min, 95% CI (92; 101)



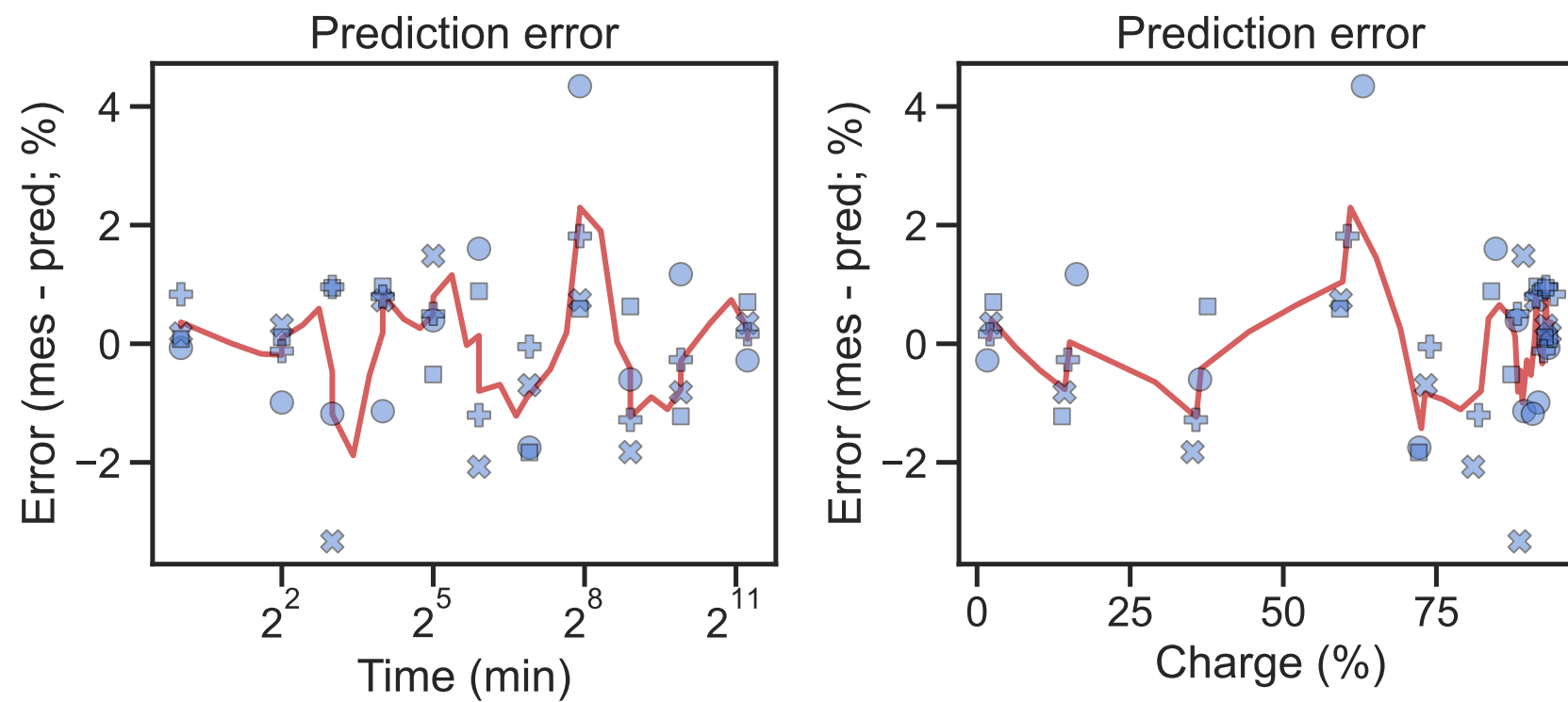
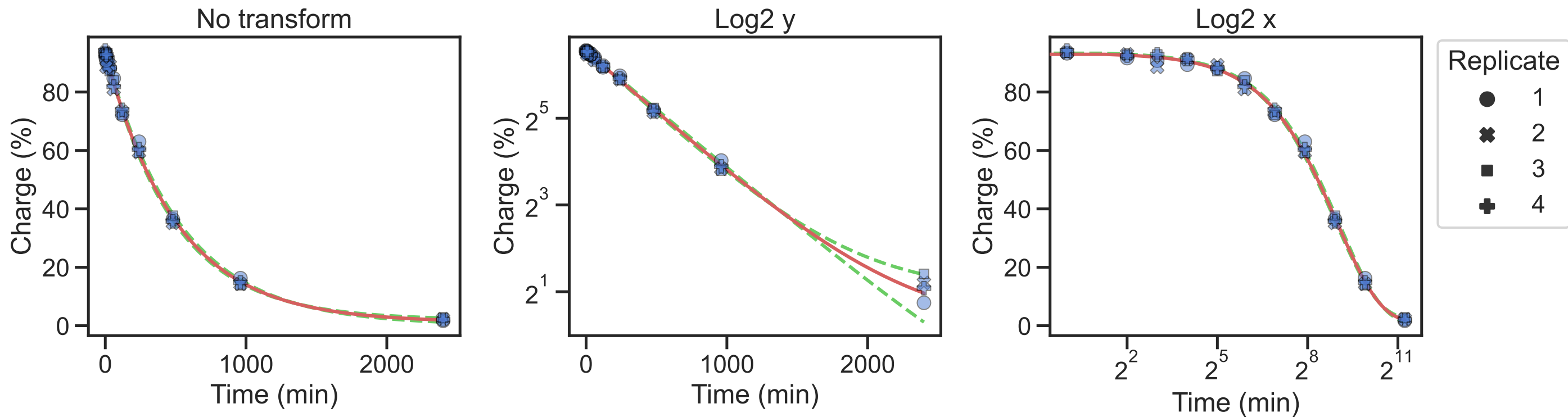
mito-Asp-GTC half-life=903 min, 95% CI (864; 918)



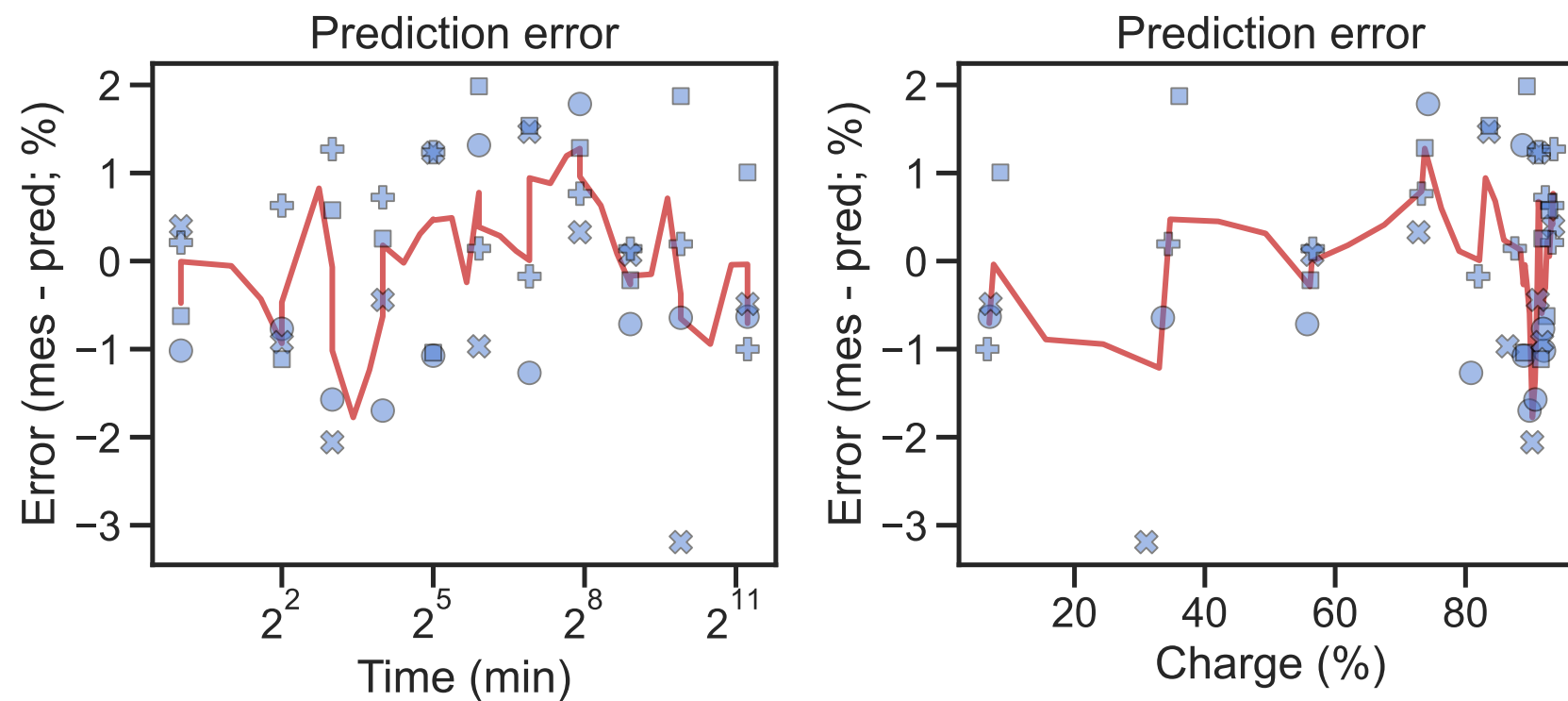
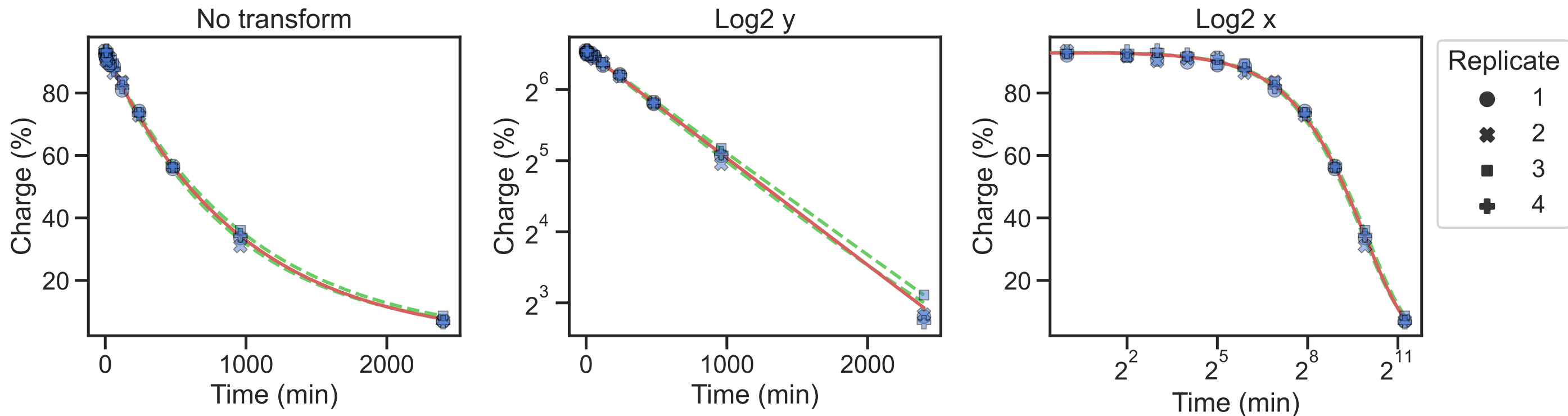
mito-Cys-GCA half-life=170 min, 95% CI (153; 193)



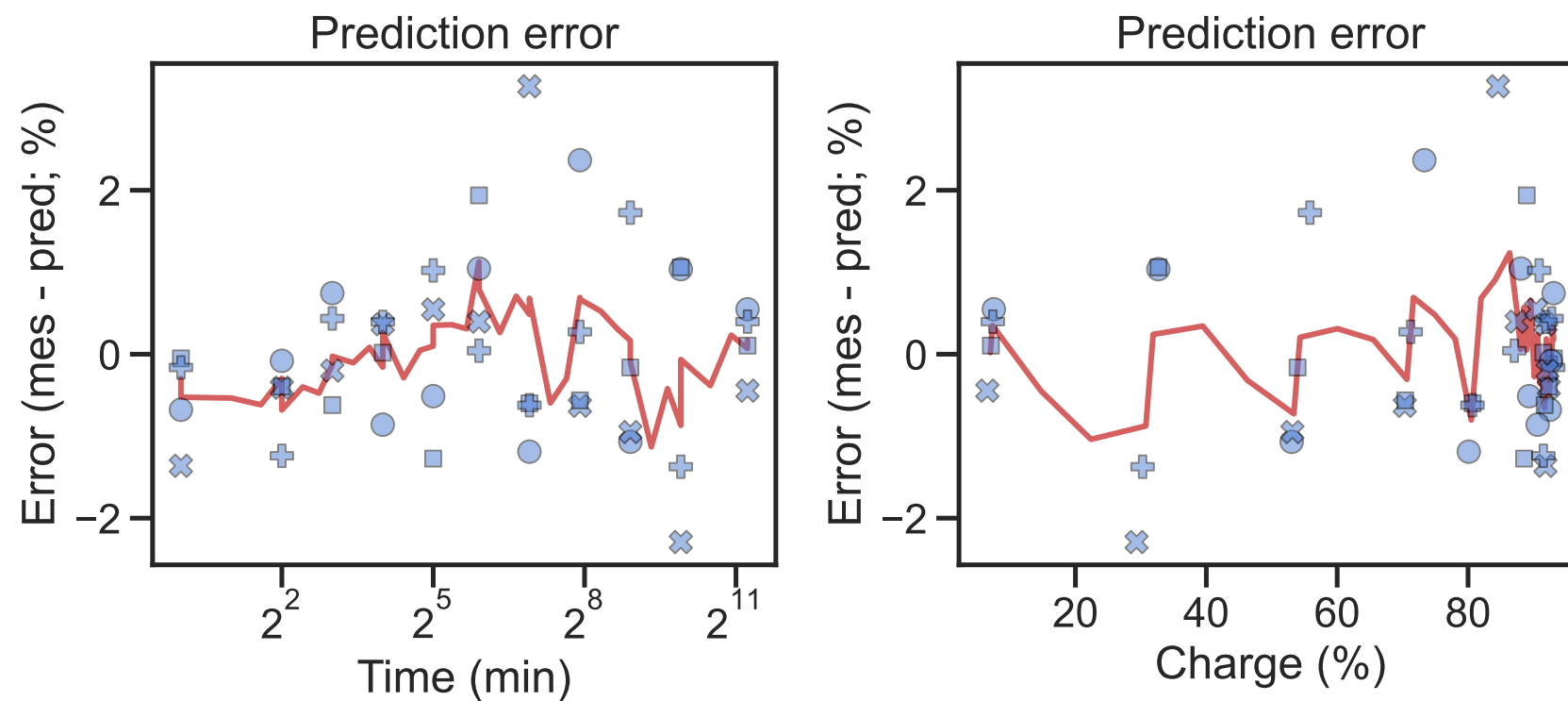
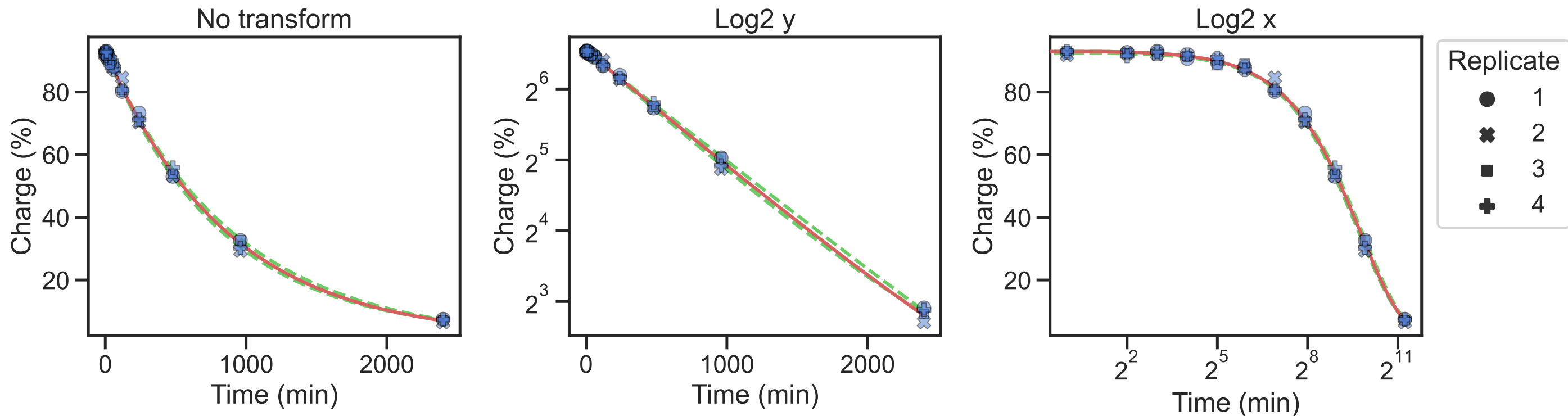
mito-Gln-TTG half-life=352 min, 95% CI (336; 371)



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

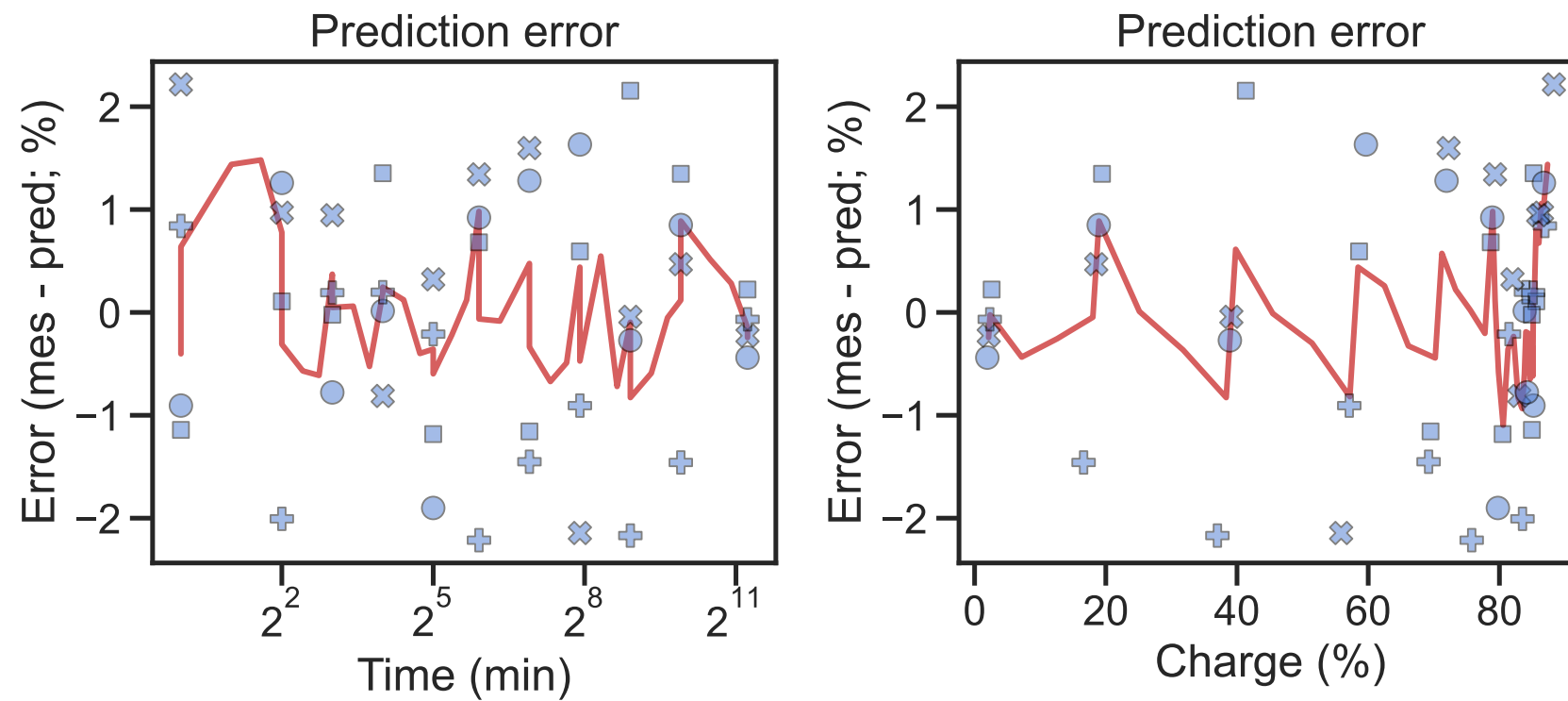
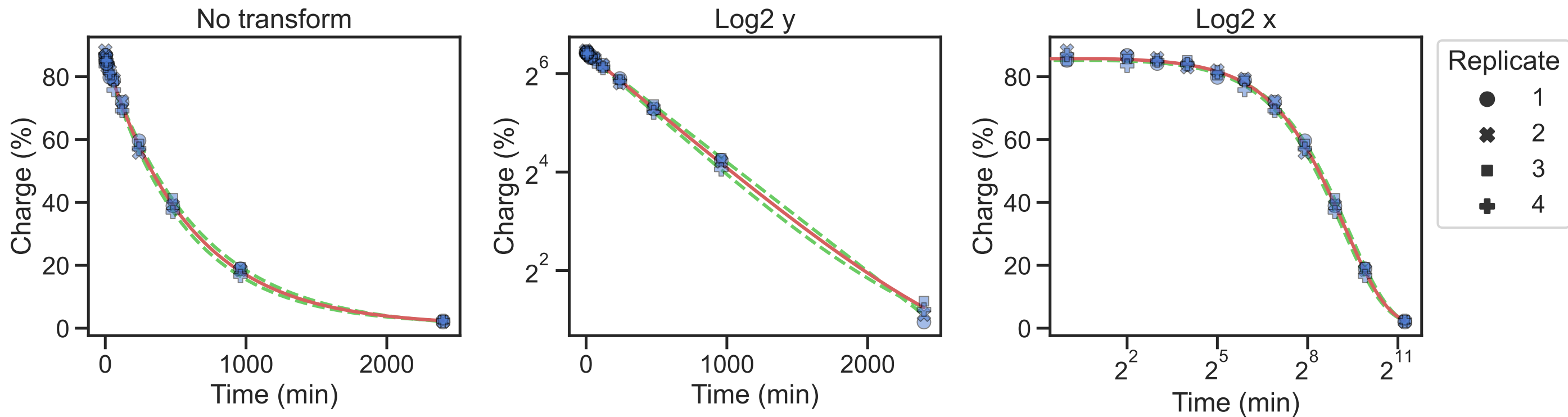


mito-Gly-TCC half-life=602 min, 95% CI (567; 640)

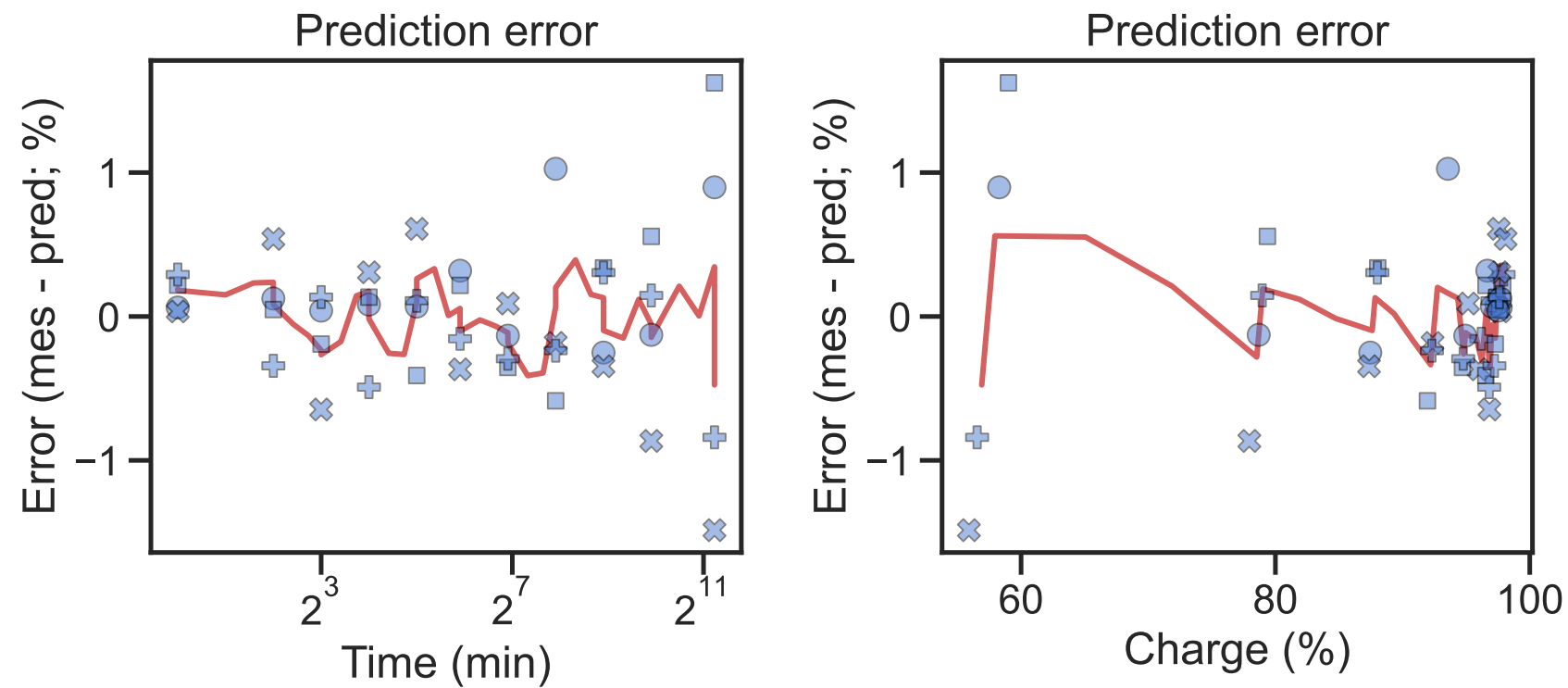
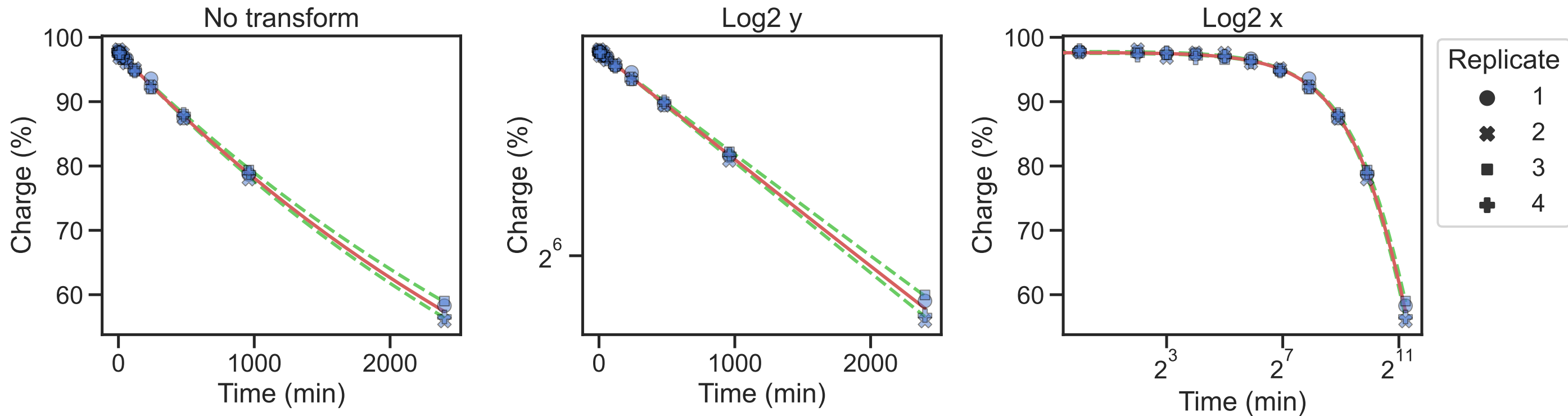




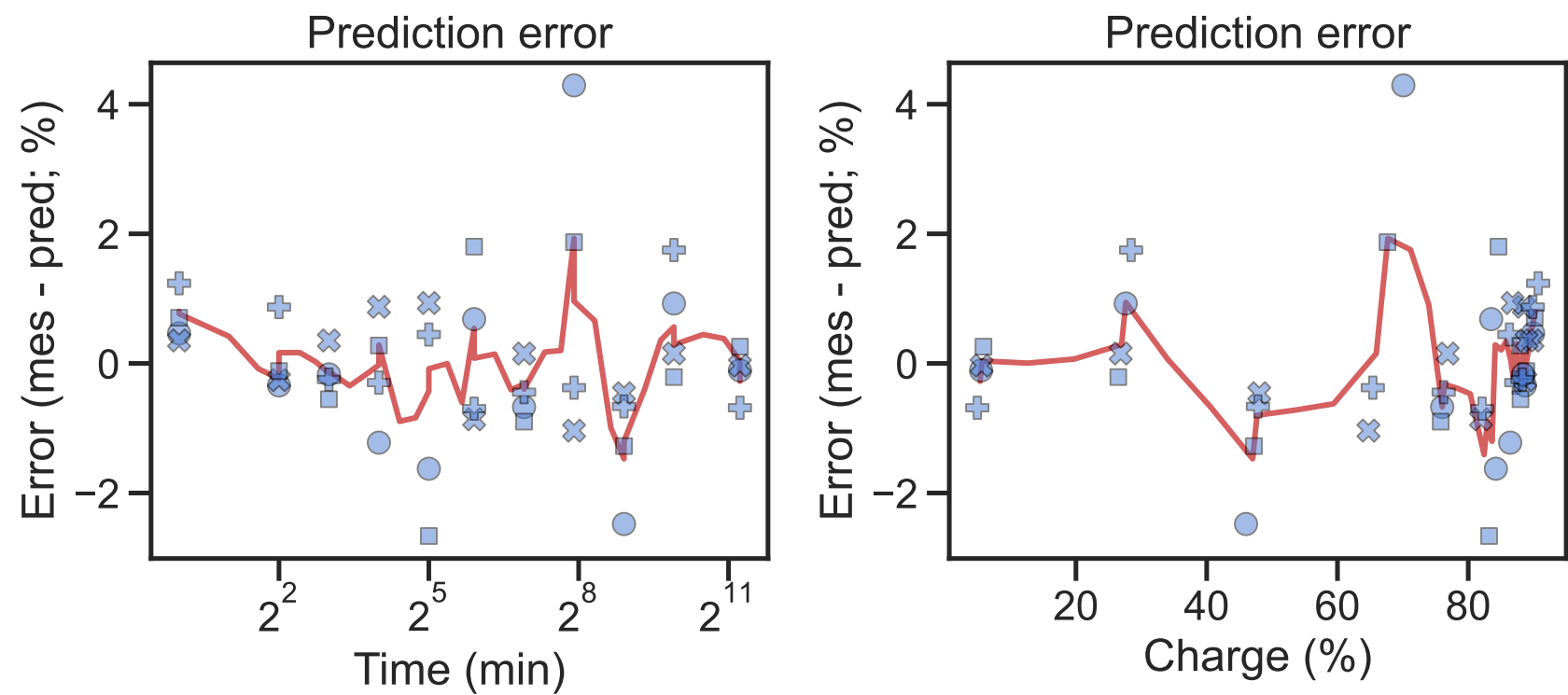
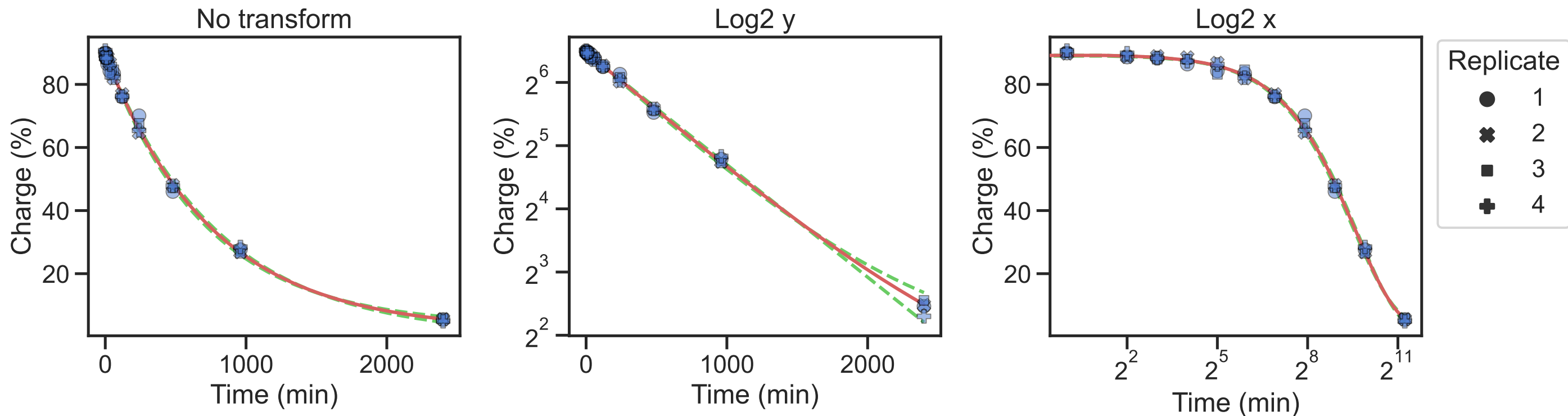
mito-His-GTG half-life=417 min, 95% CI (390; 451)



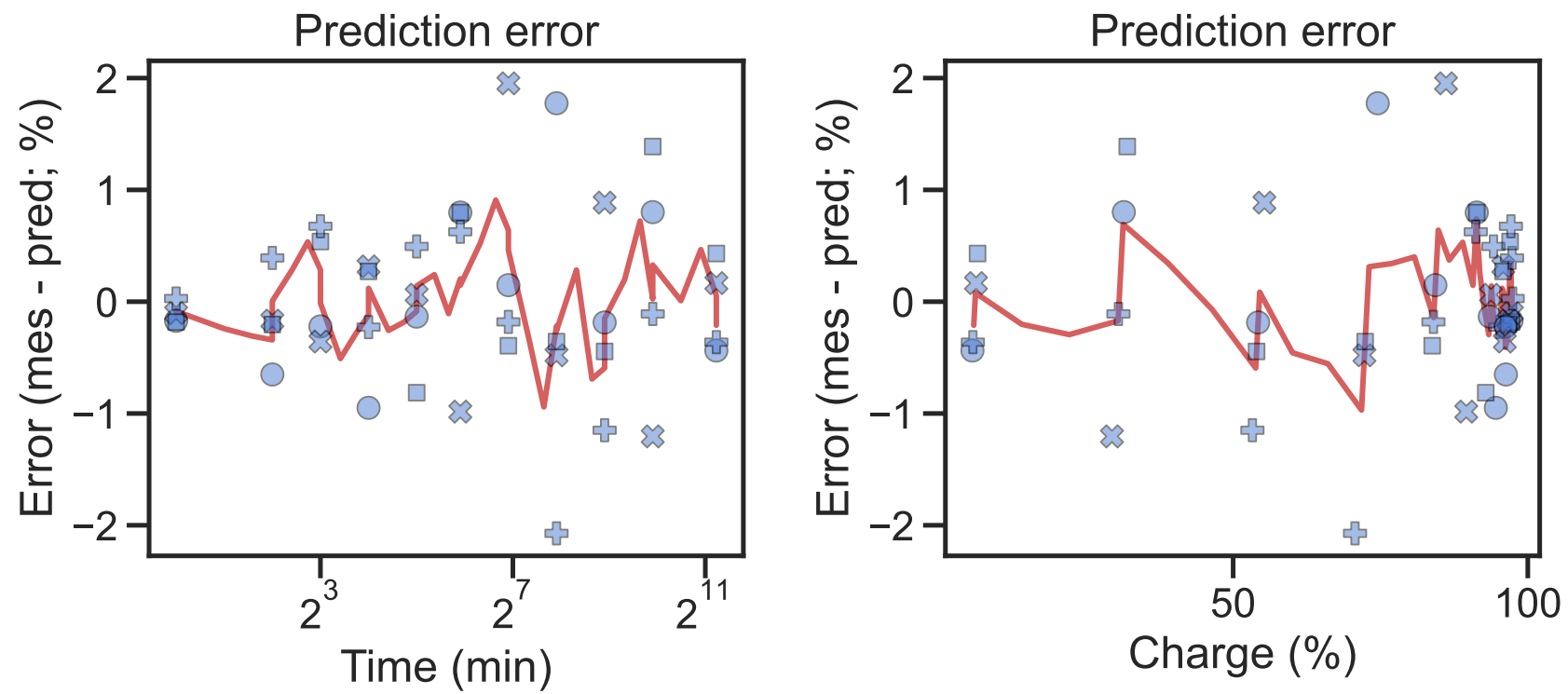
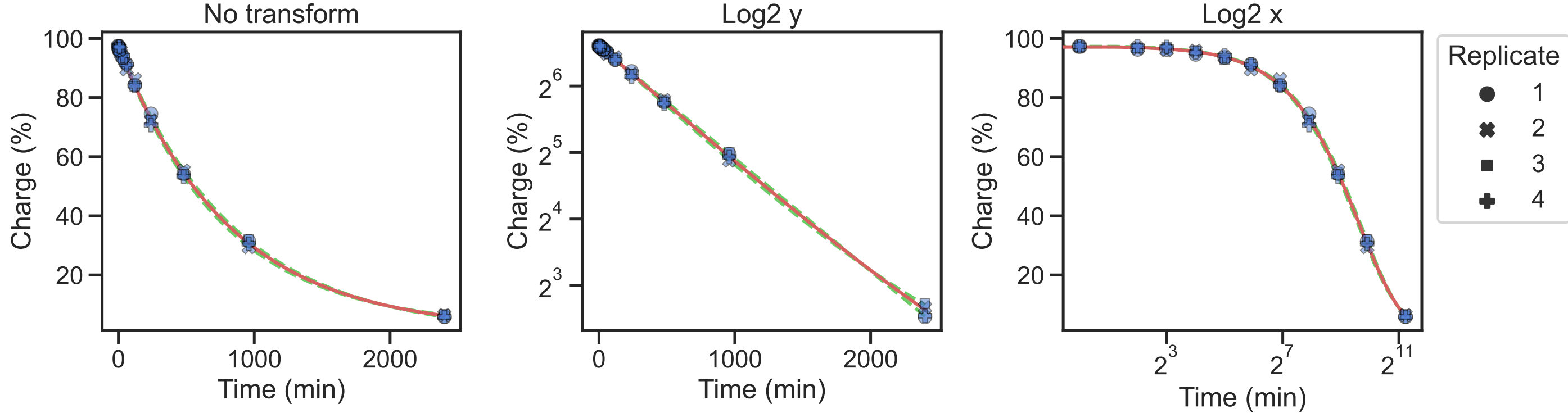
mito-Ile-GAT half-life=2981 min, 95% CI (2878; 3153)



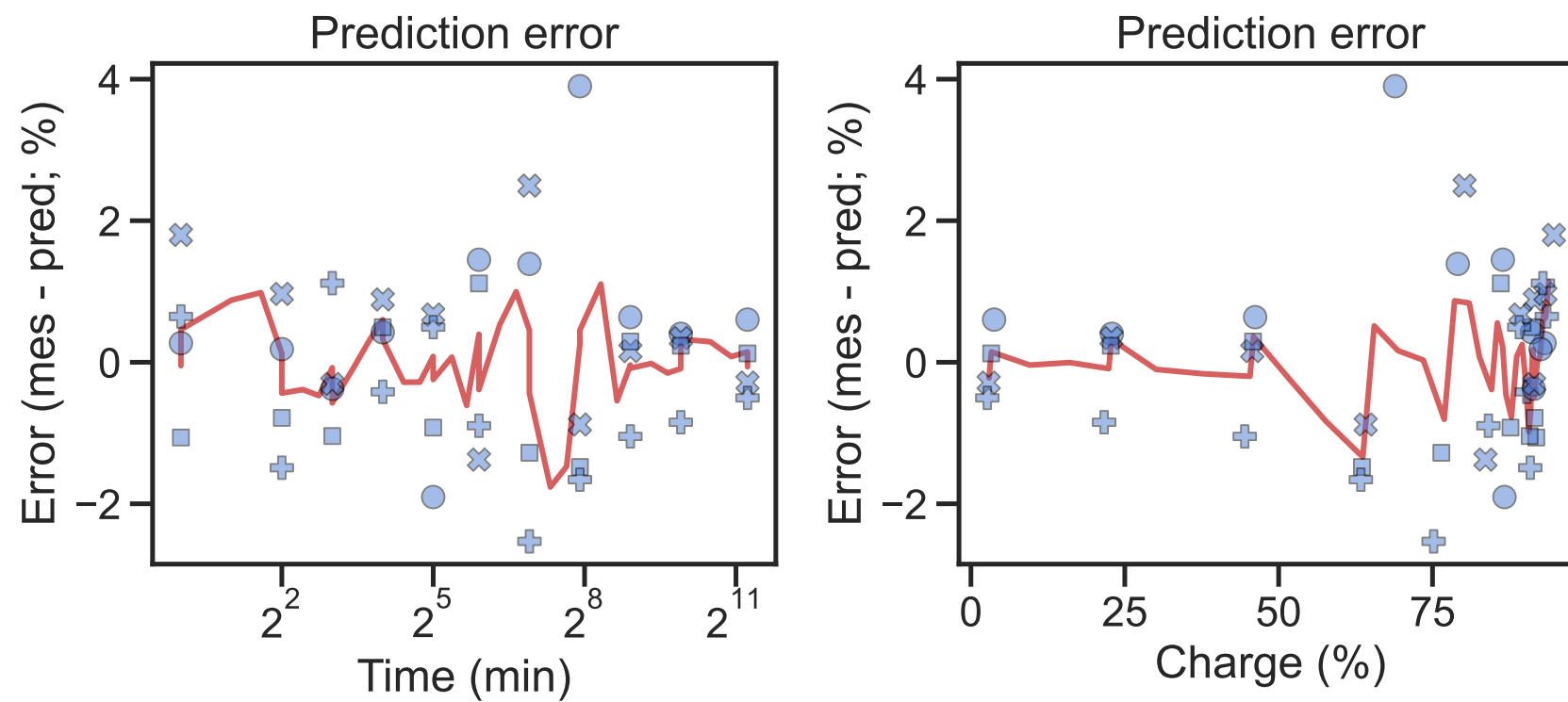
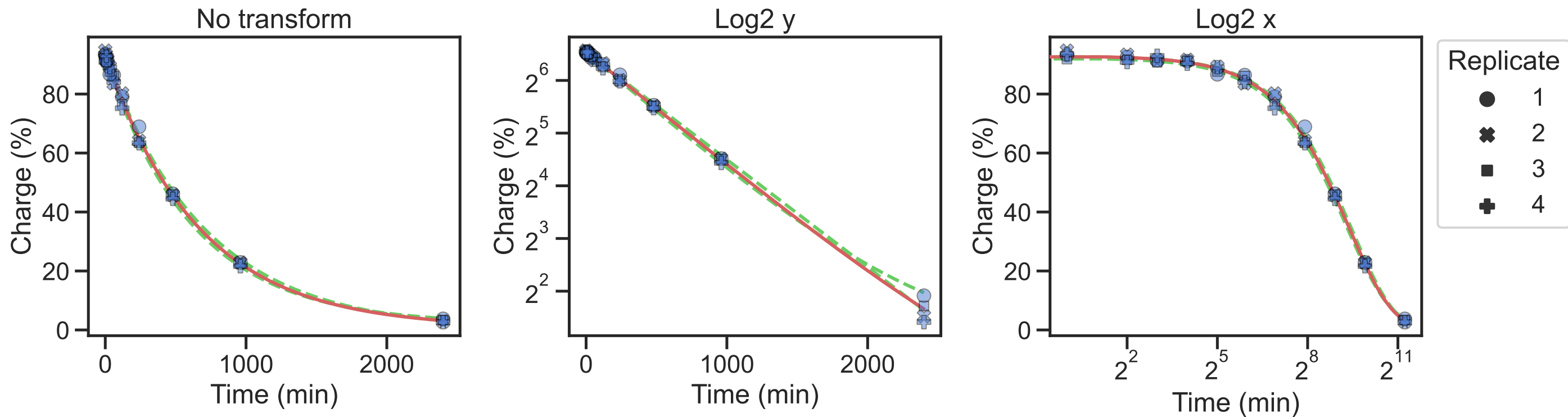
mito-Leu1-TAG half-life=528 min, 95% CI (496; 562)



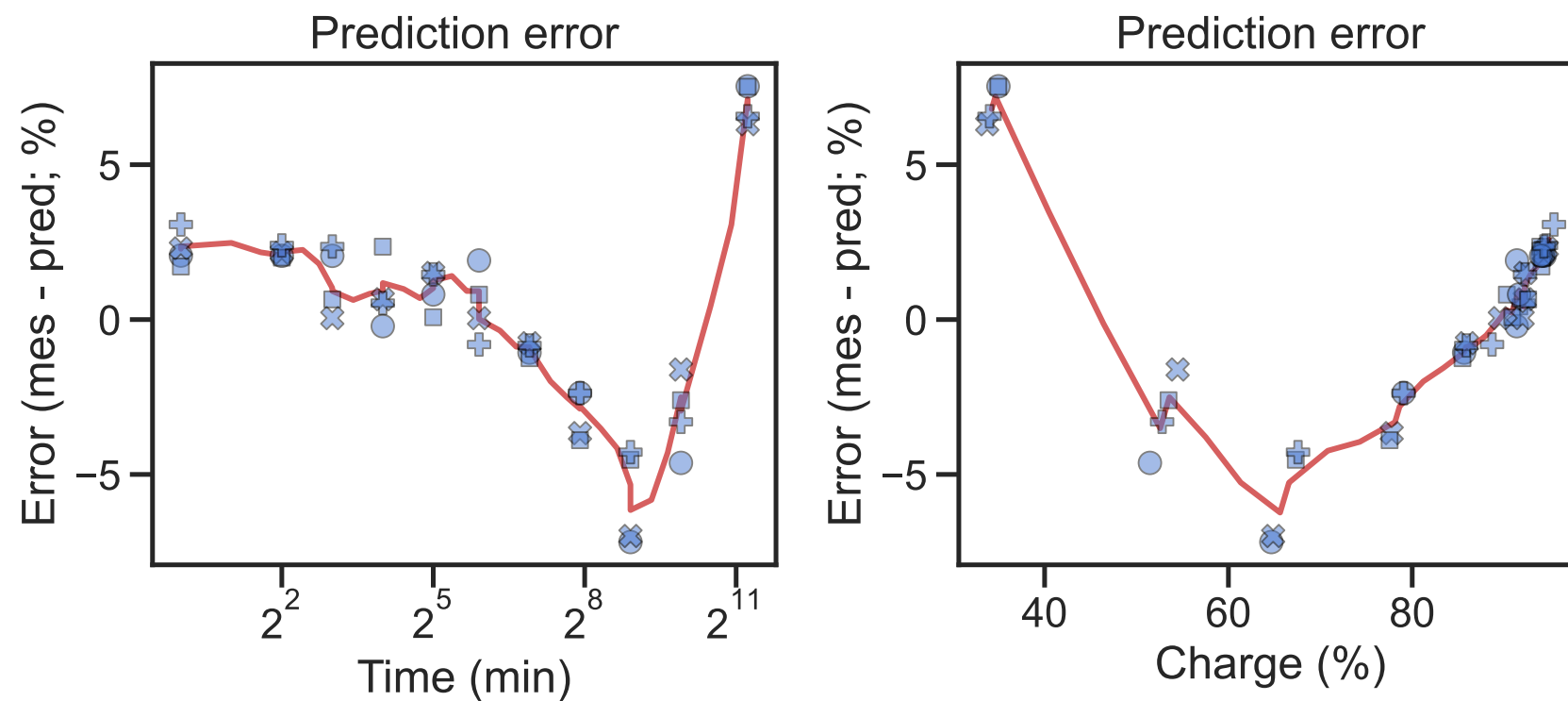
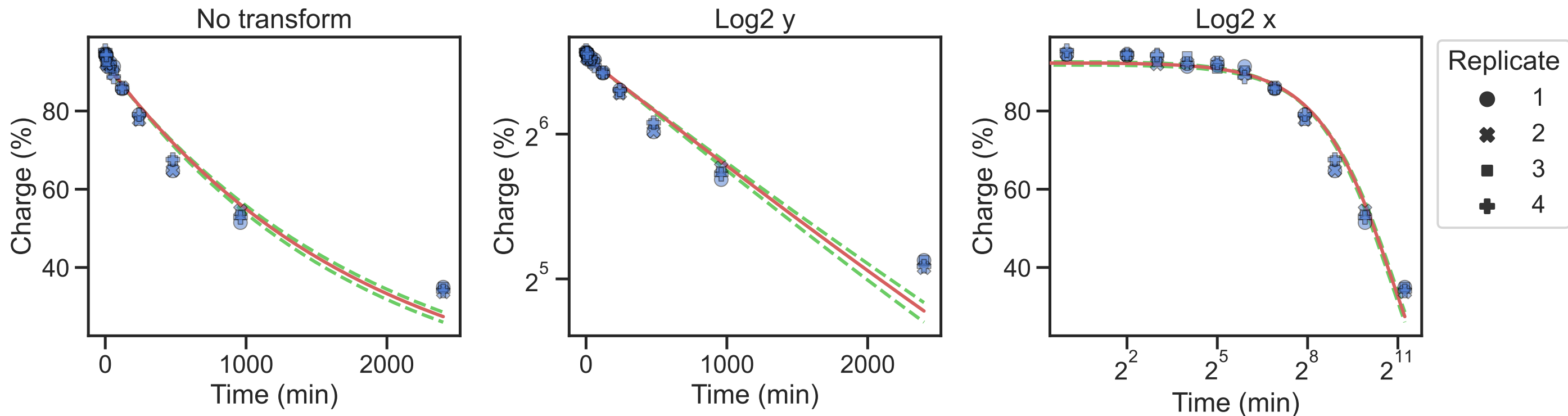
mito-Leu2-TAA half-life=562 min, 95% CI (531; 590)



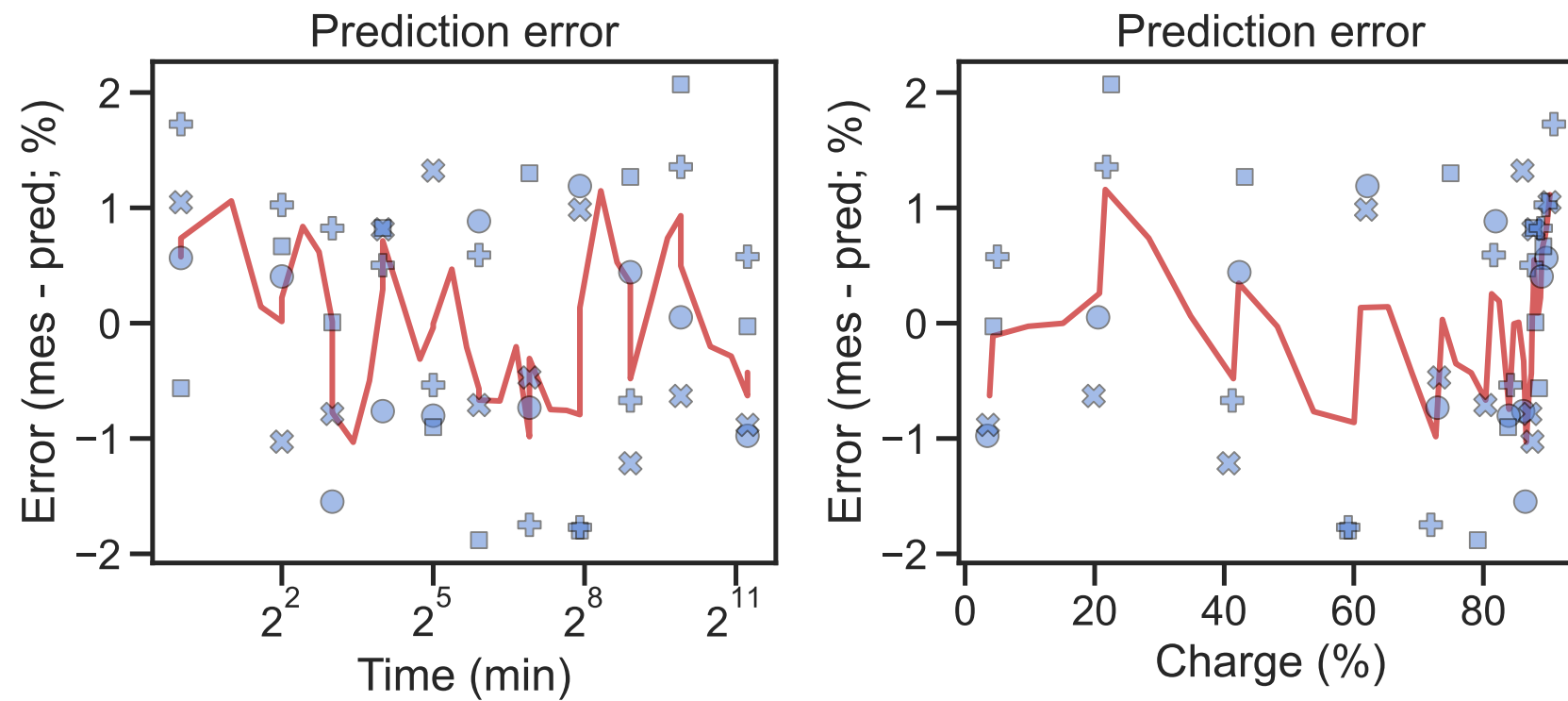
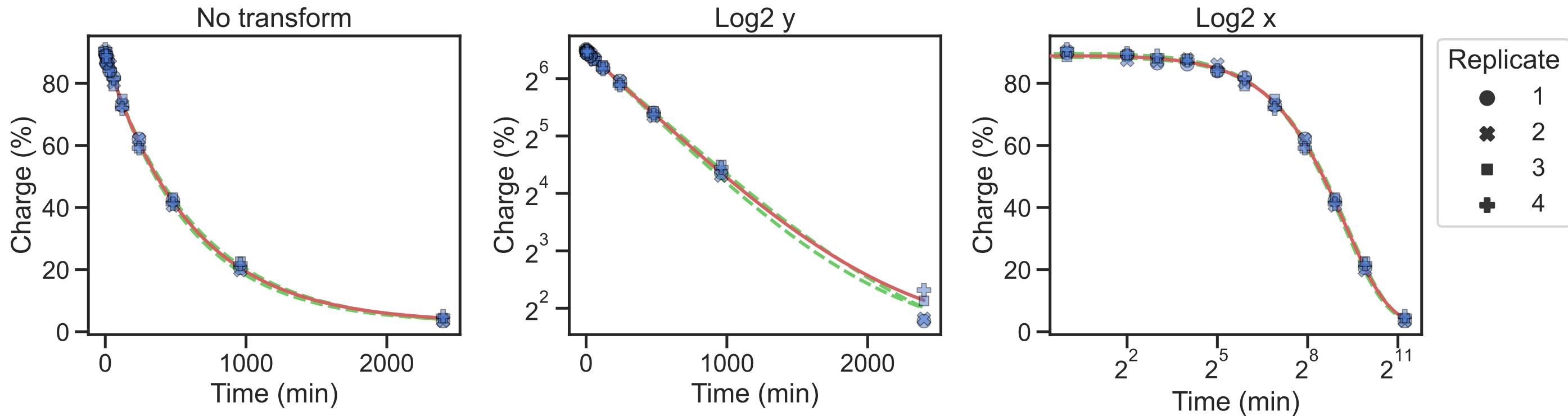
mito-Lys-TTT half-life=462 min, 95% CI (434; 490)



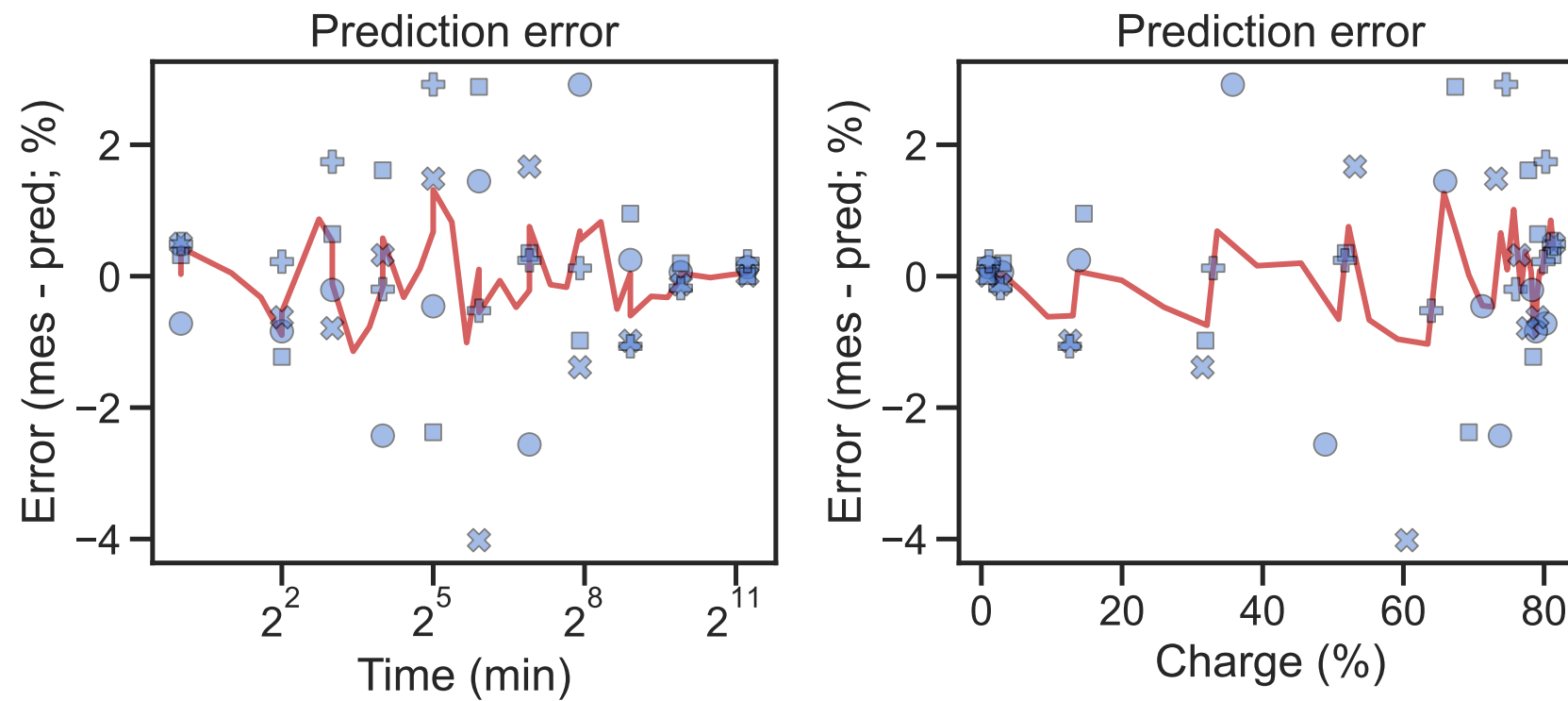
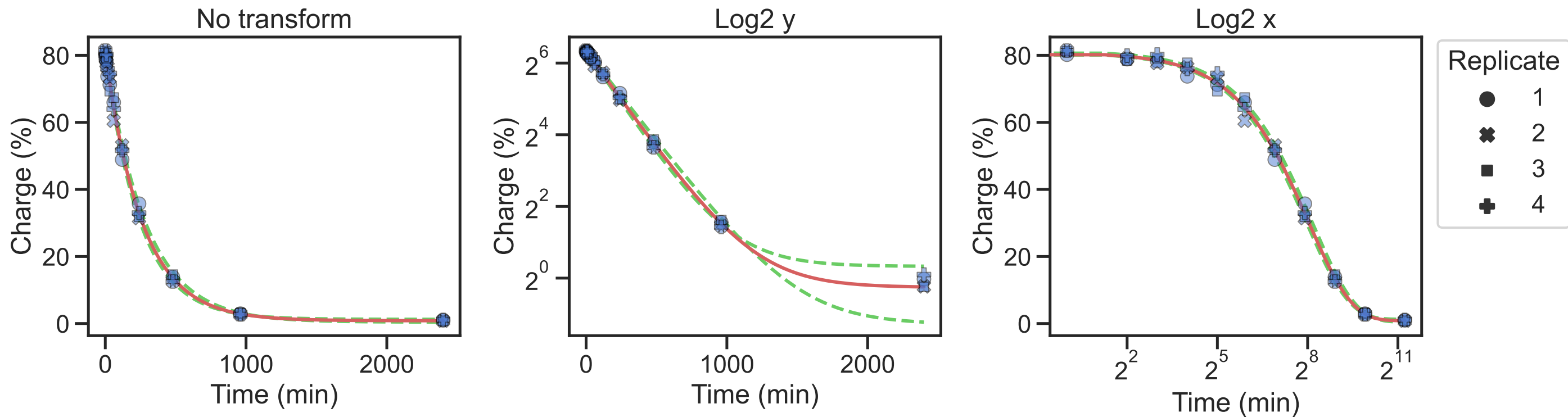
mito-Met-CAT half-life=1269 min, 95% CI (1208; 1321)



mito-Phe-GAA half-life=420 min, 95% CI (402; 444)

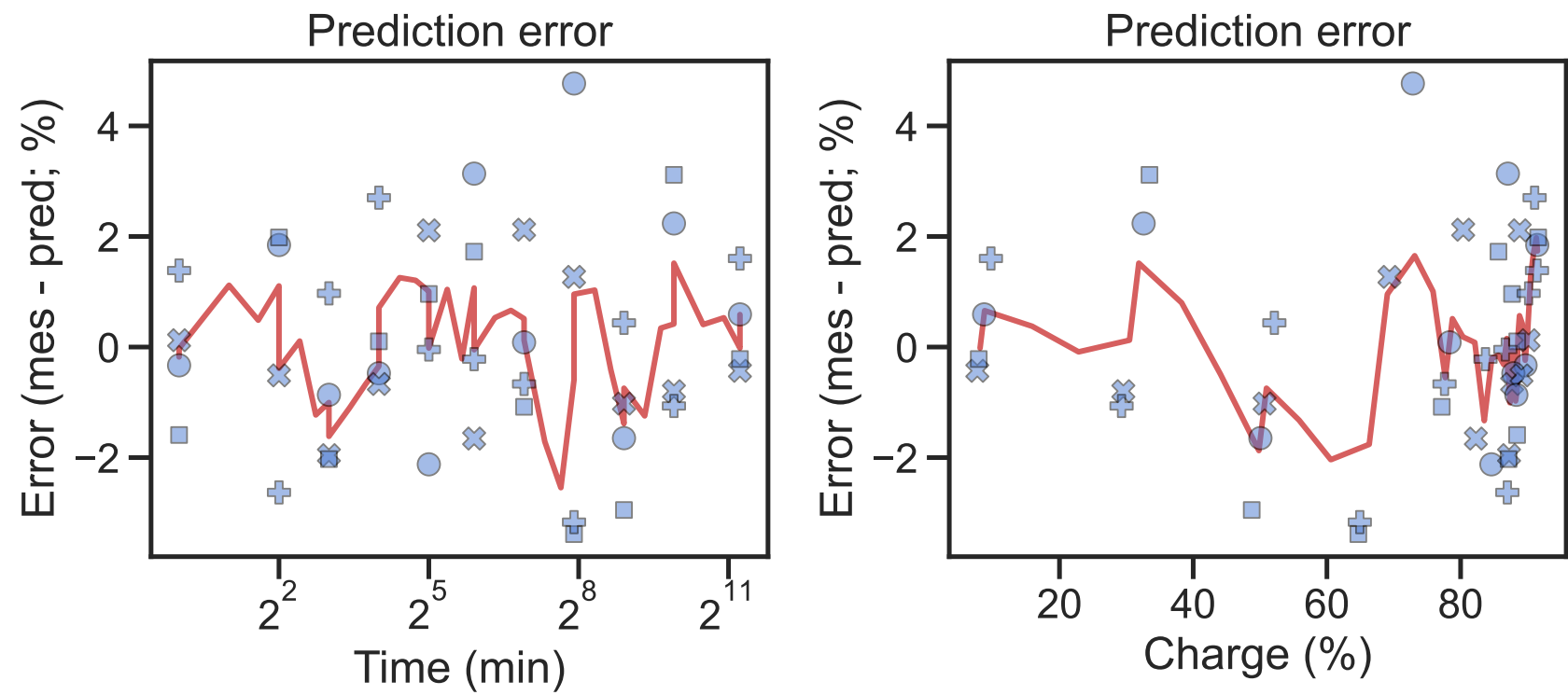
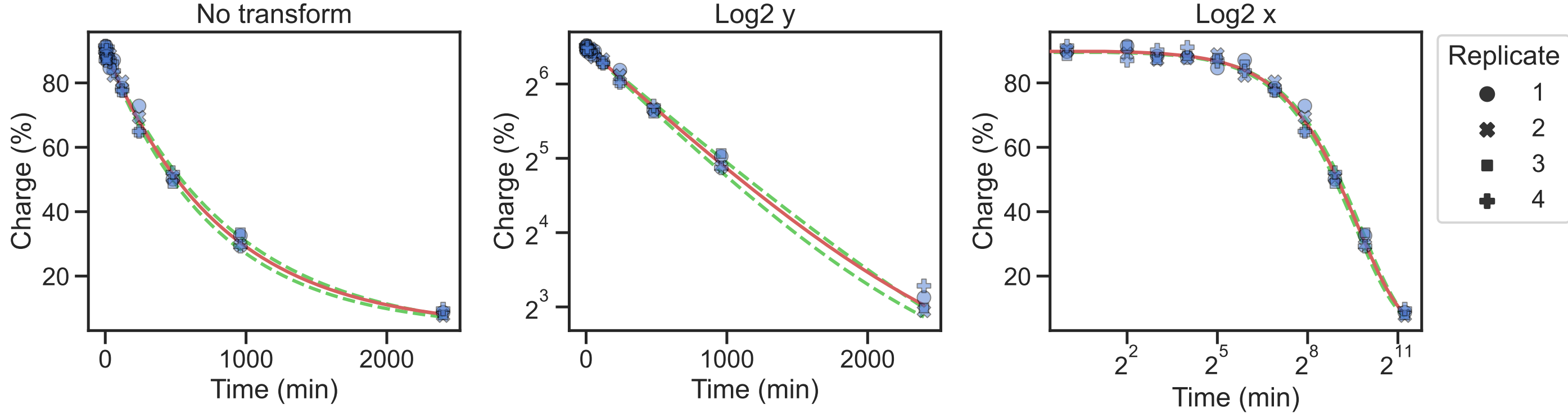


mito-Pro-TGG half-life=181 min, 95% CI (170; 197)

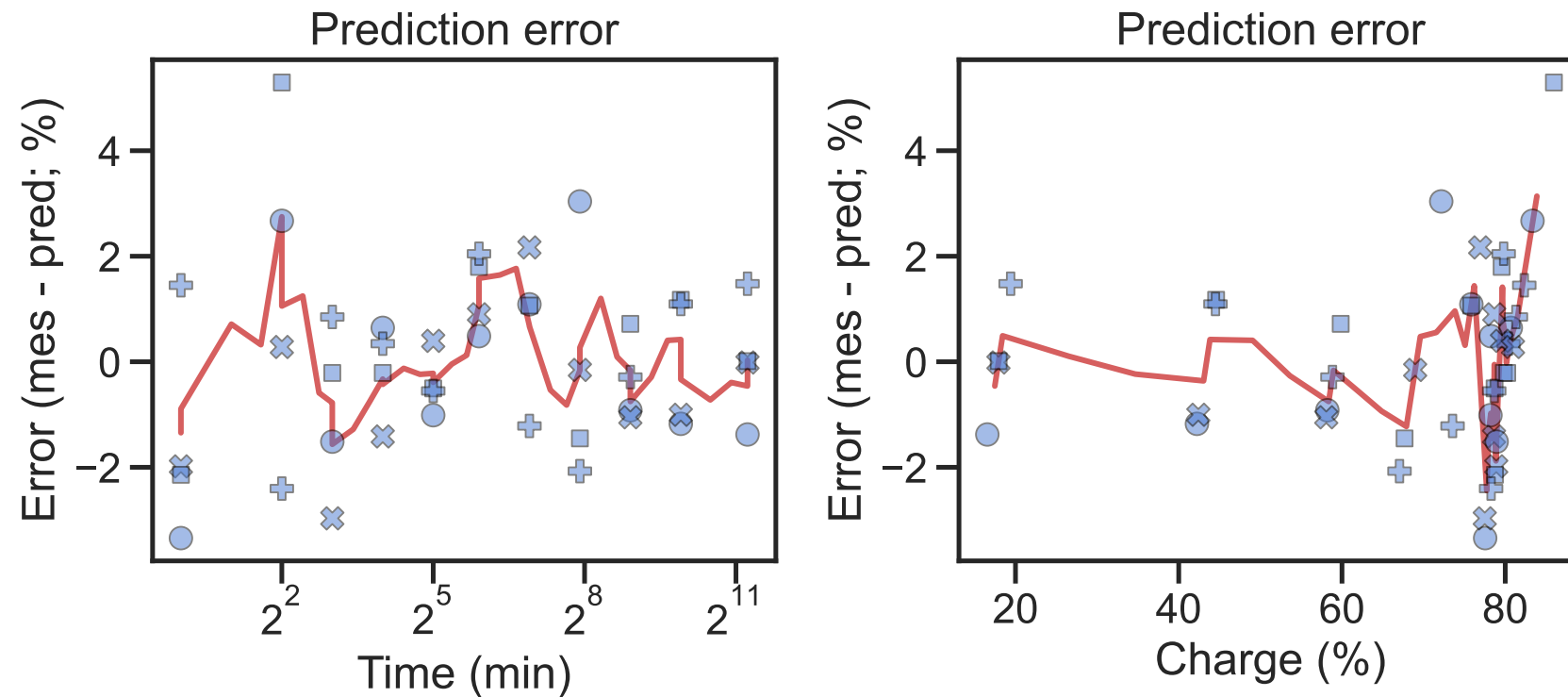
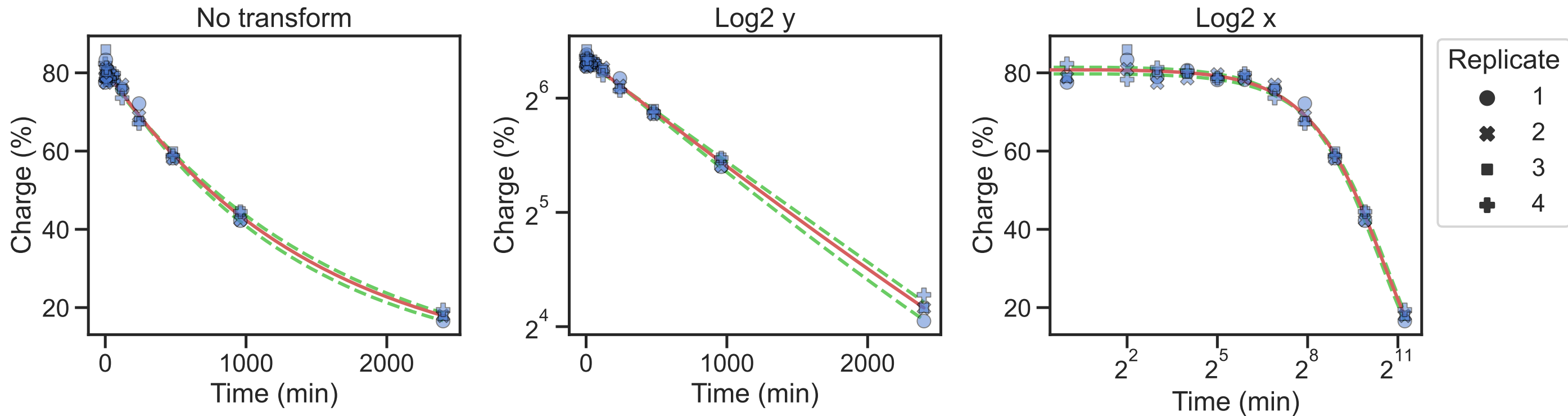




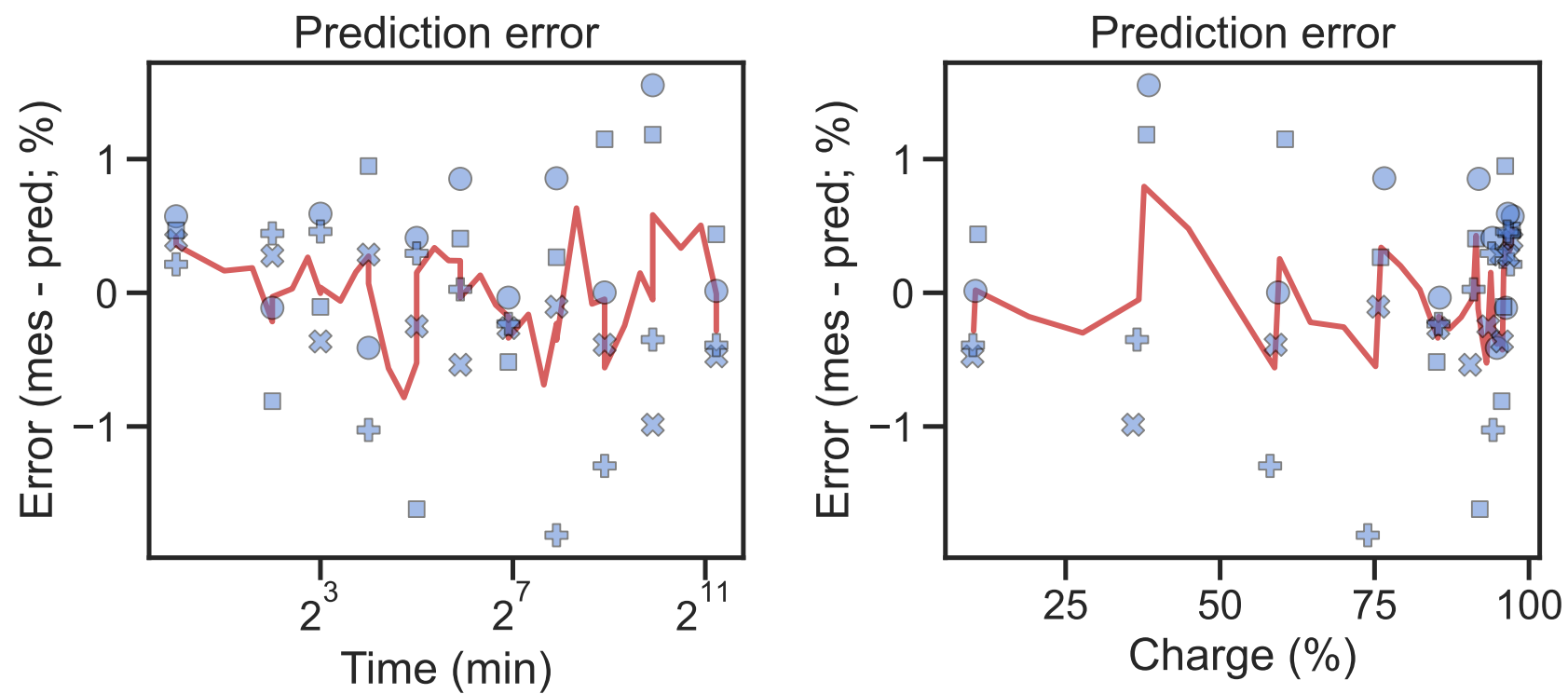
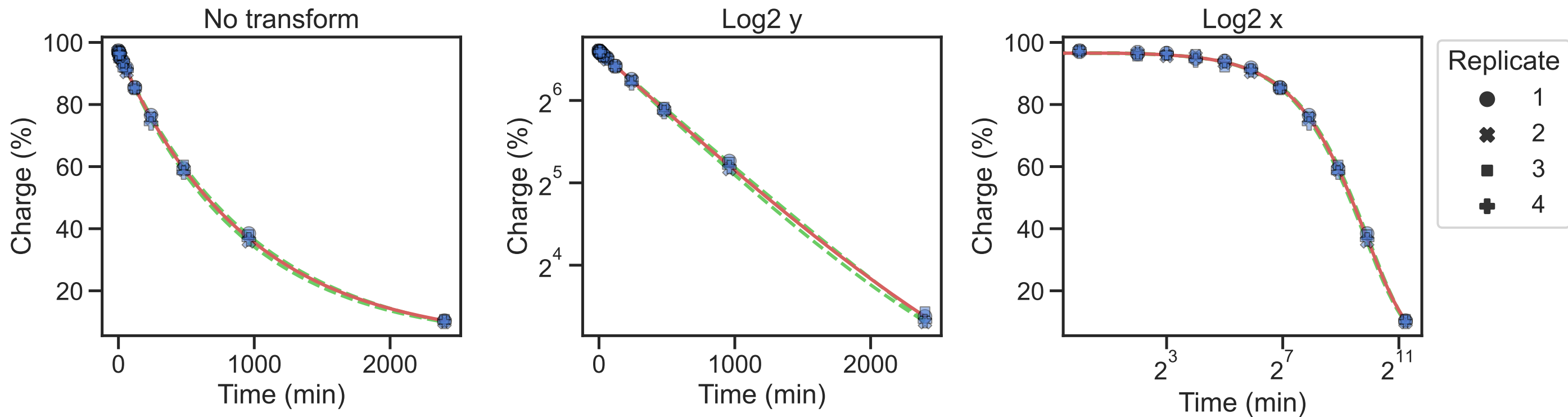
mito-Ser2-TGA half-life=569 min, 95% CI (532; 624)



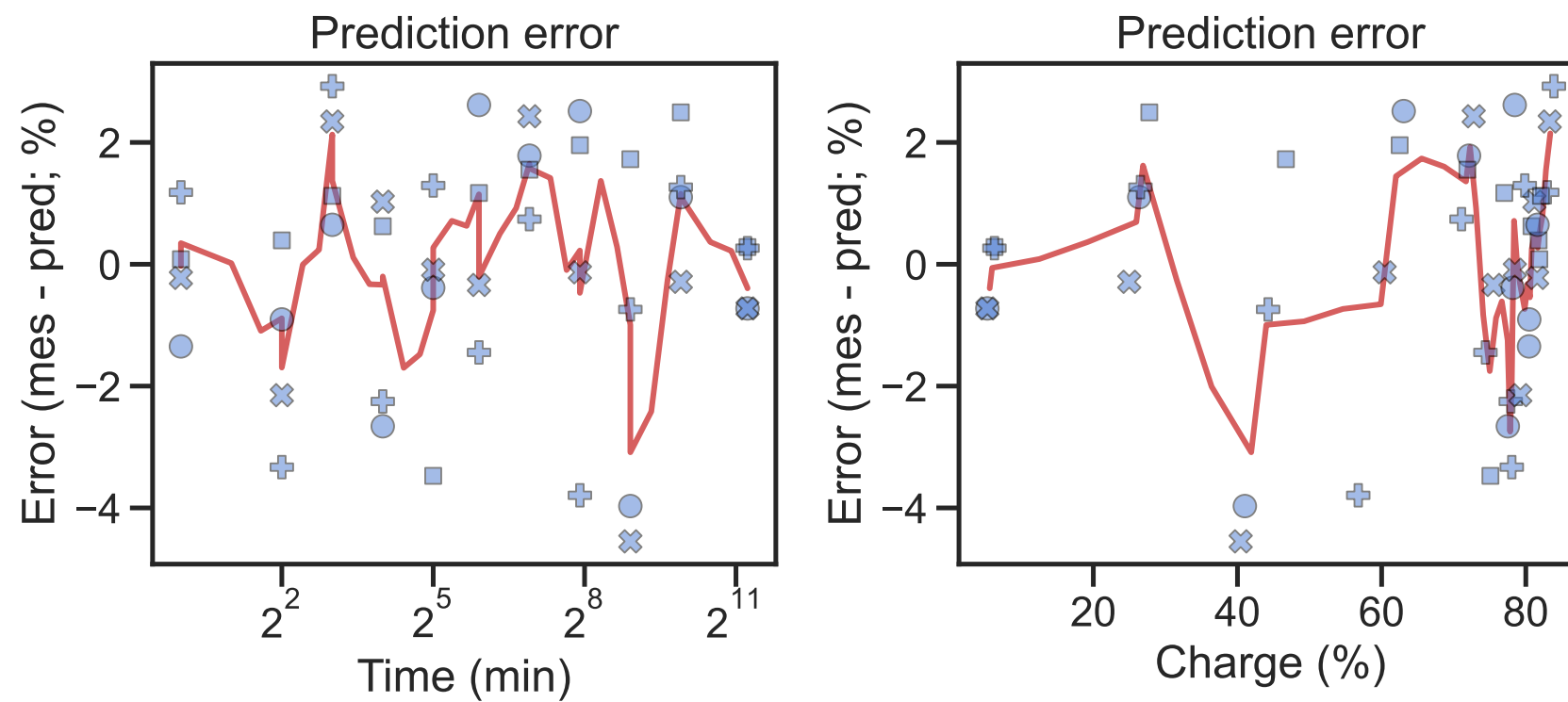
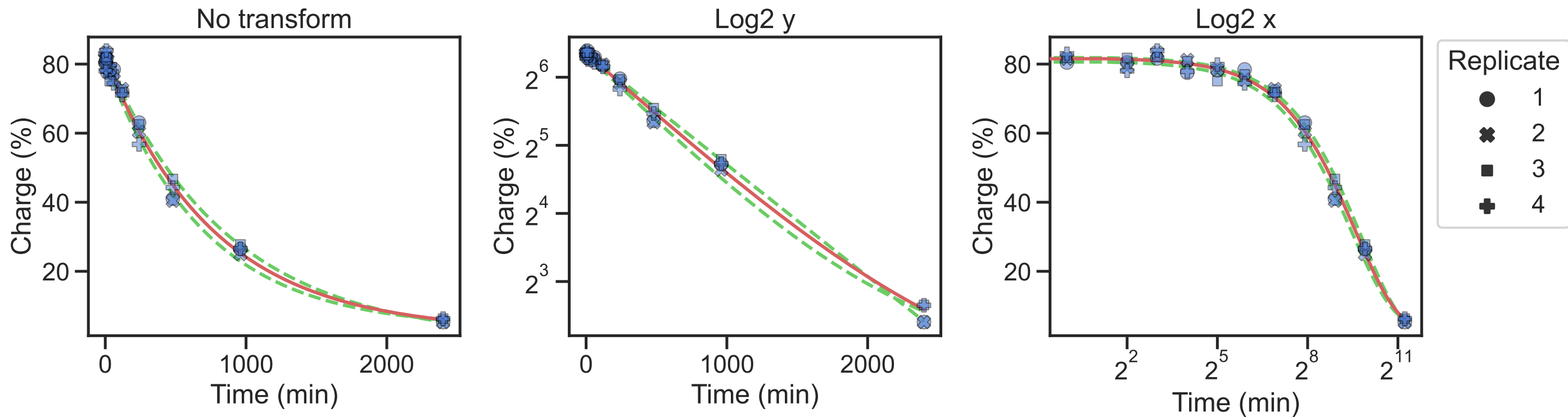
mito-Thr-TGT half-life=1023 min, 95% CI (945; 1141)



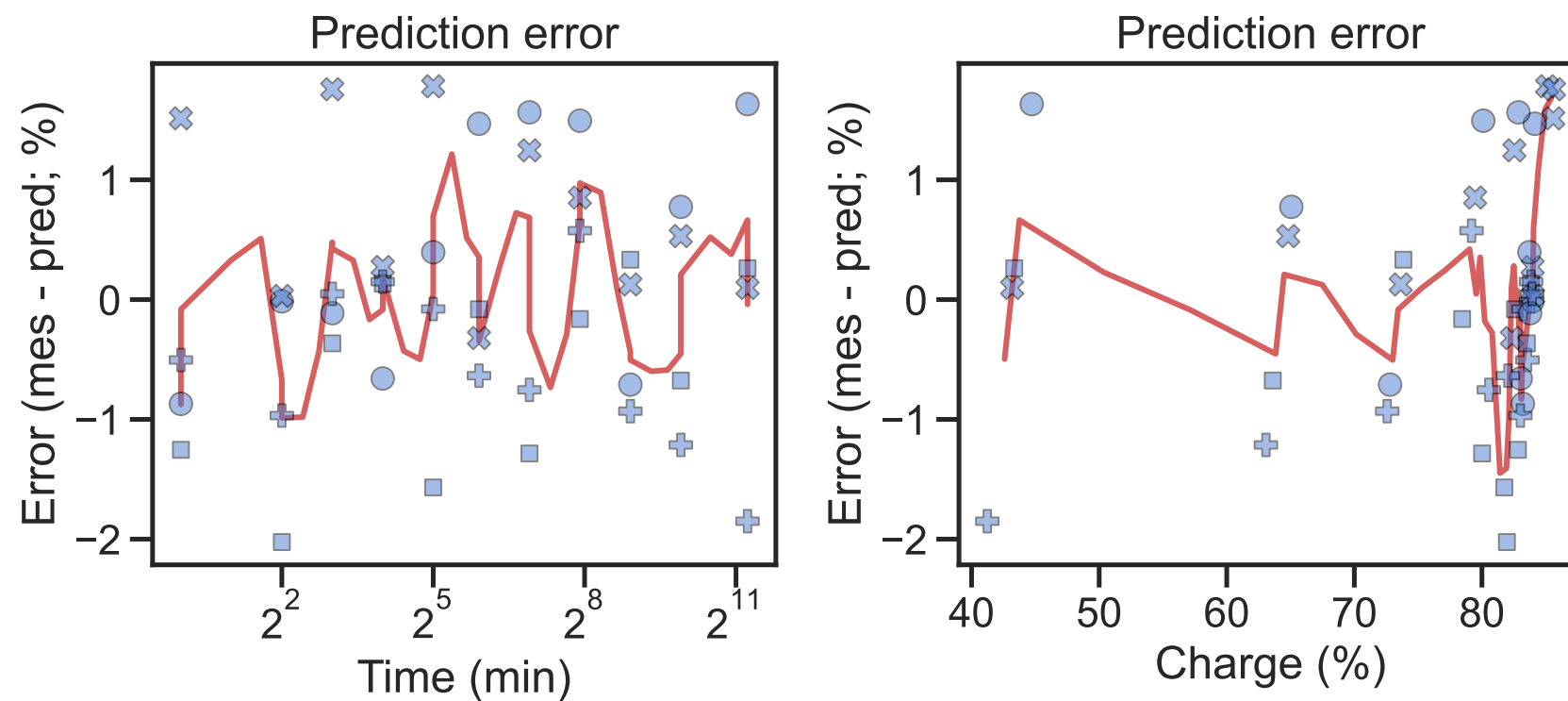
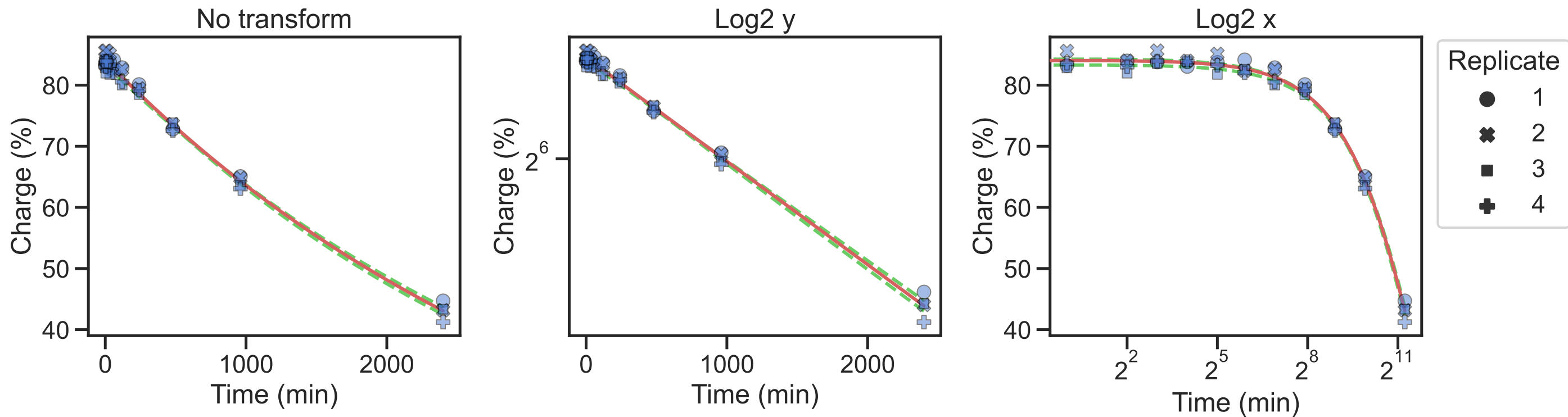
mito-Trp-TCA half-life=654 min, 95% CI (622; 691)



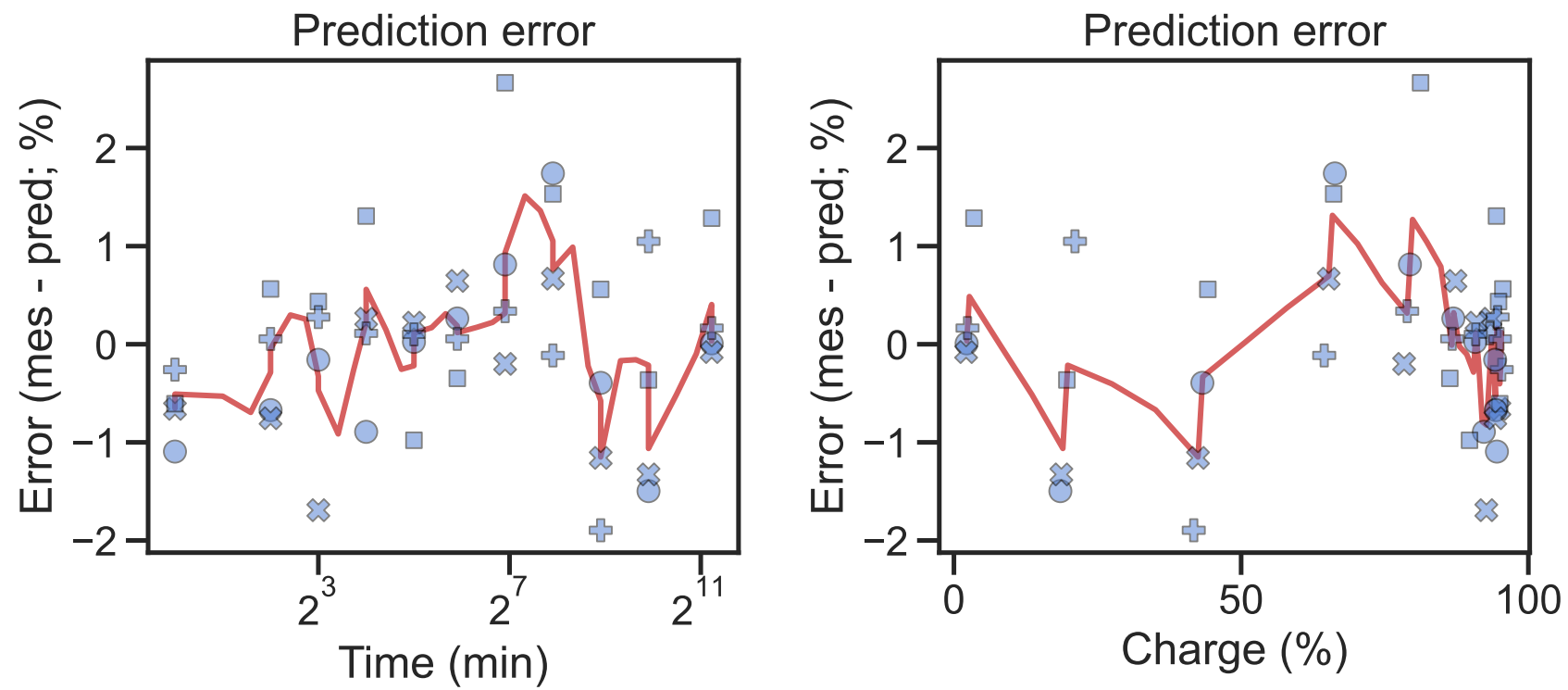
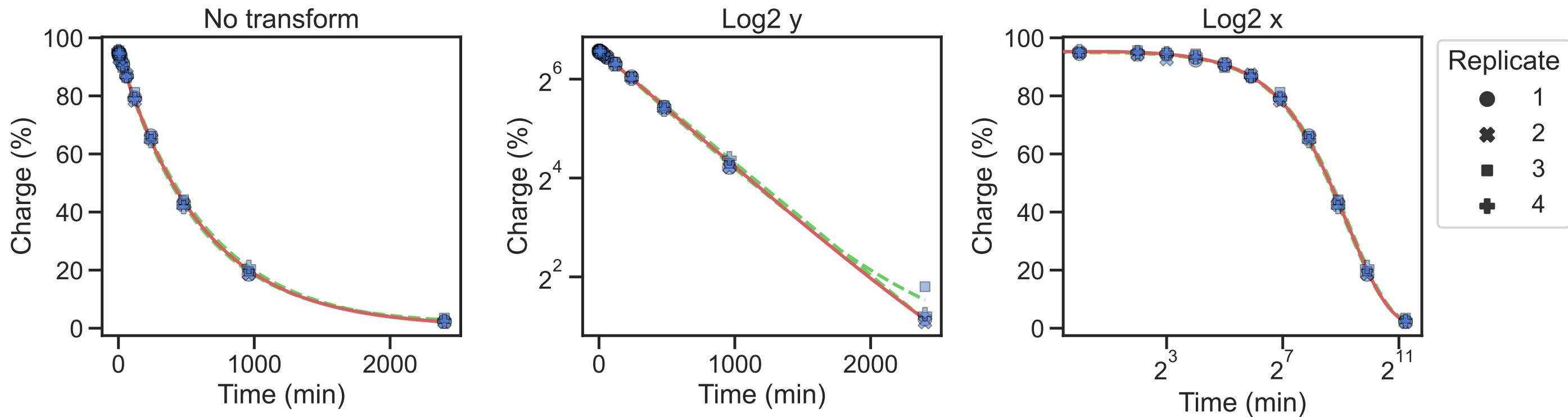
mito-Tyr-GTA half-life=533 min, 95% CI (482; 609)



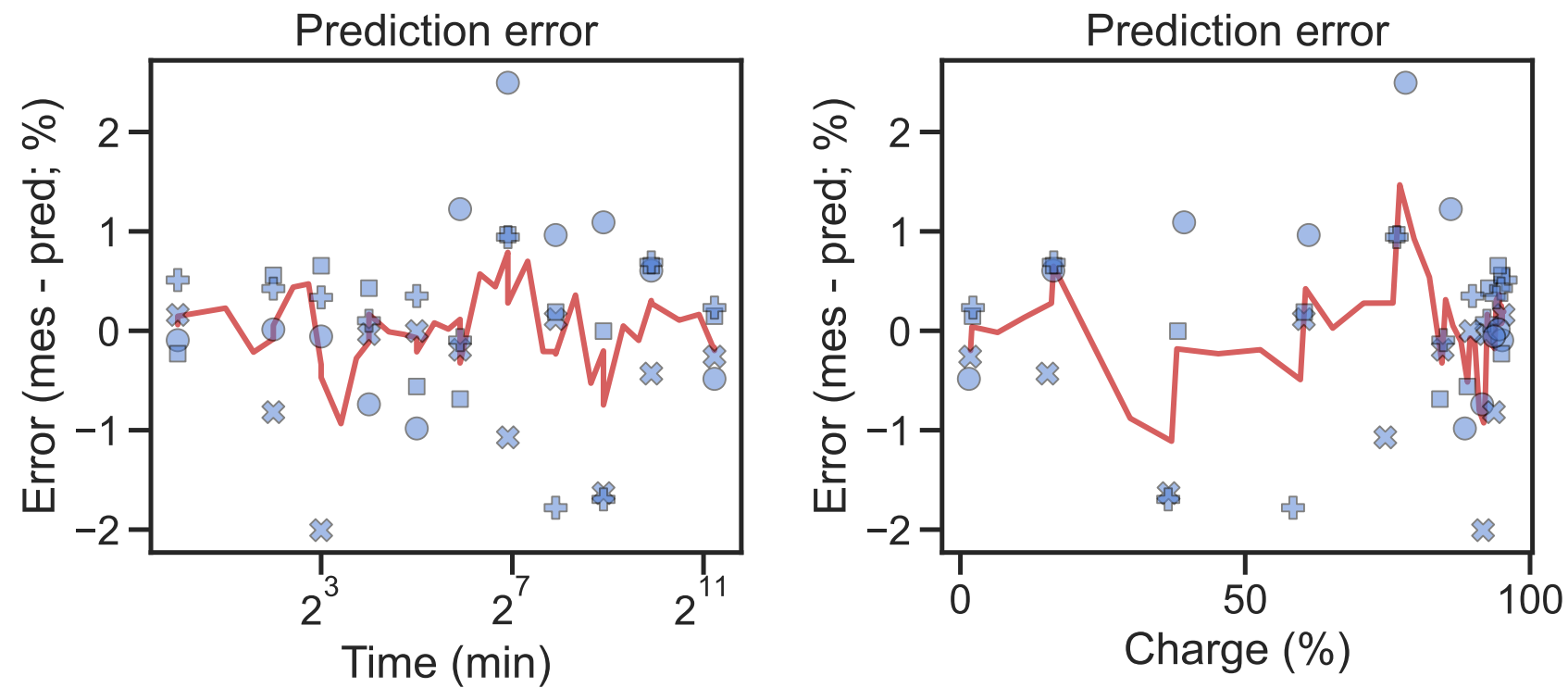
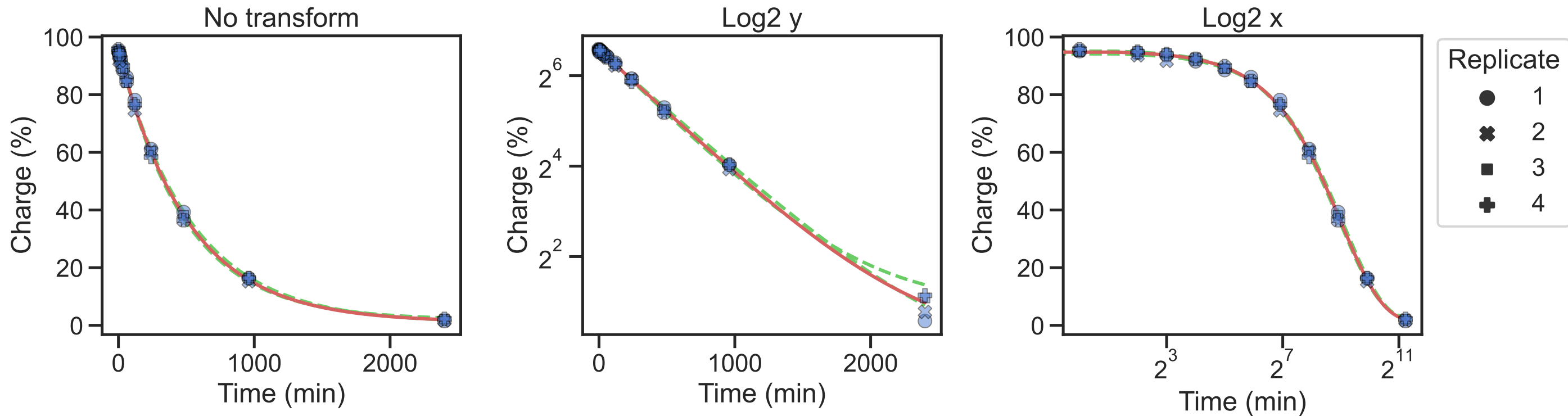
mito-Val-TAC half-life=2444 min, 95% CI (2282; 2575)



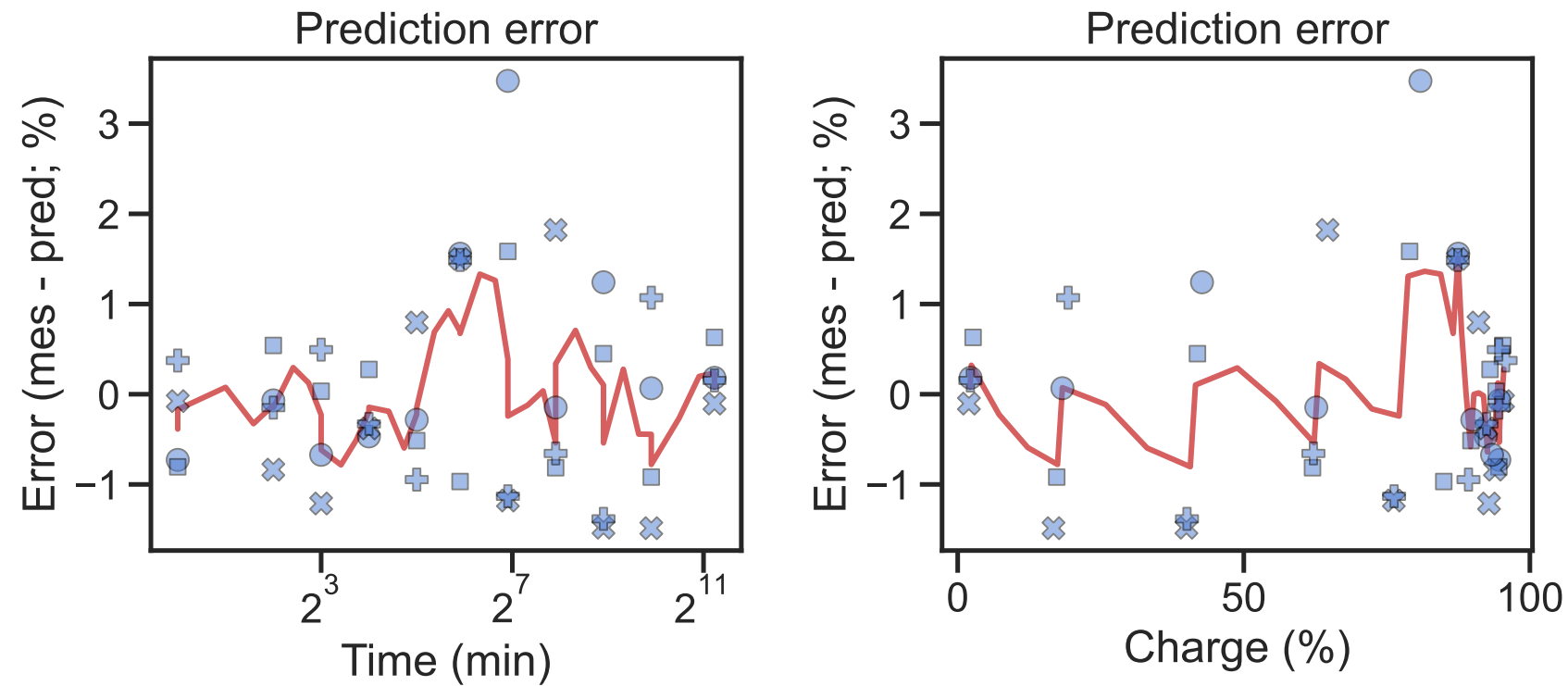
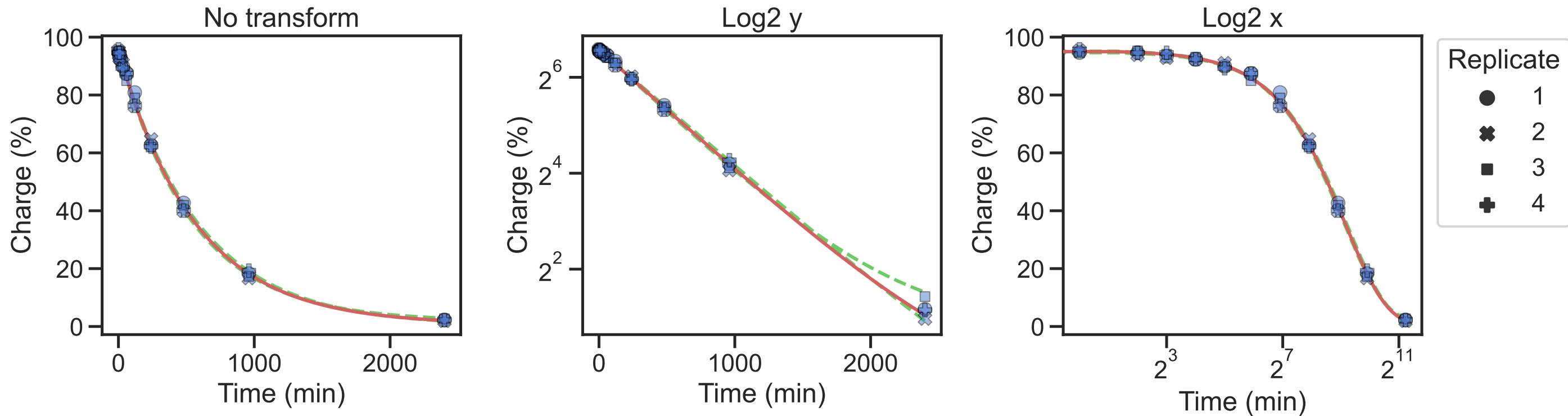
Ala-AGC-1-1 half-life=422min, 95% CI (404; 441)



Ala-AGC-11-1 half-life=357 min, 95% CI (341; 376)

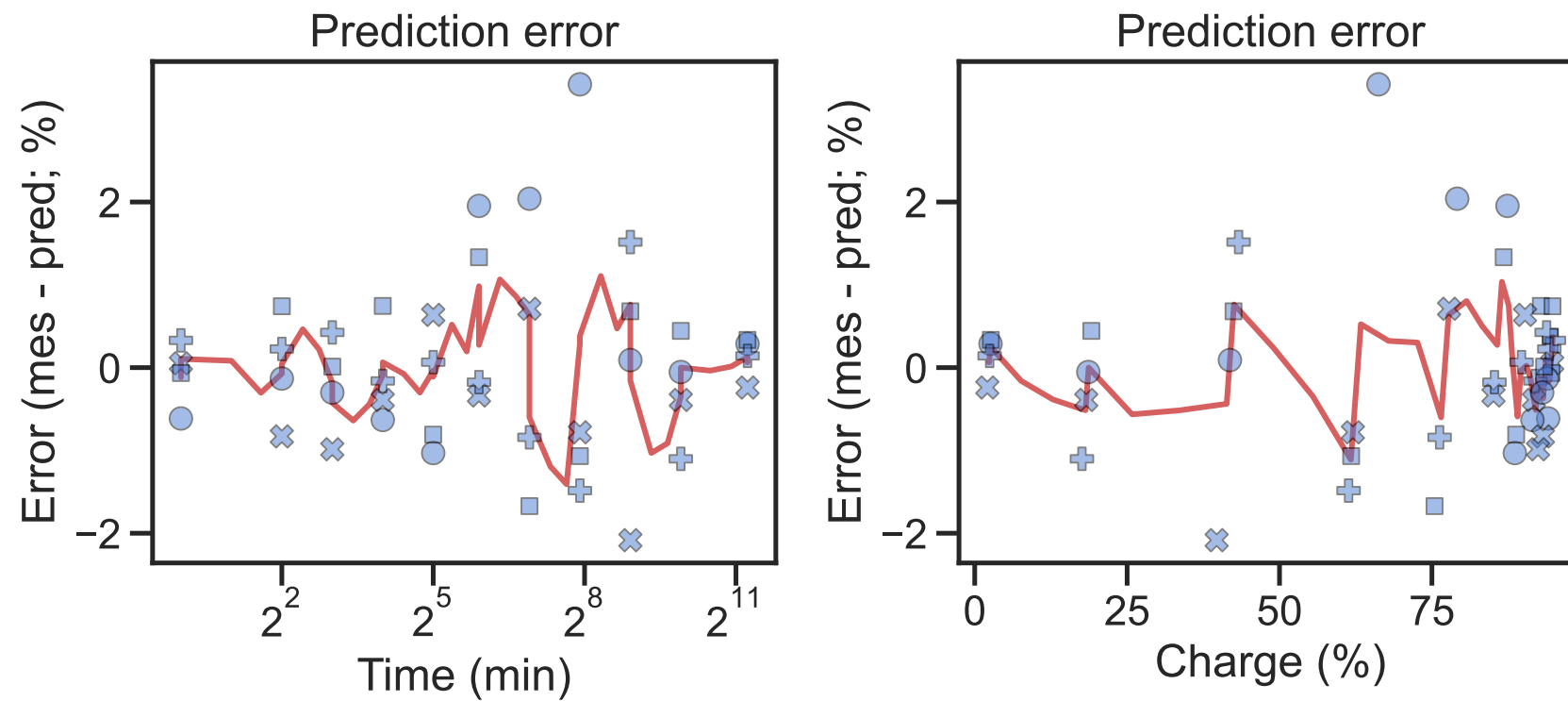
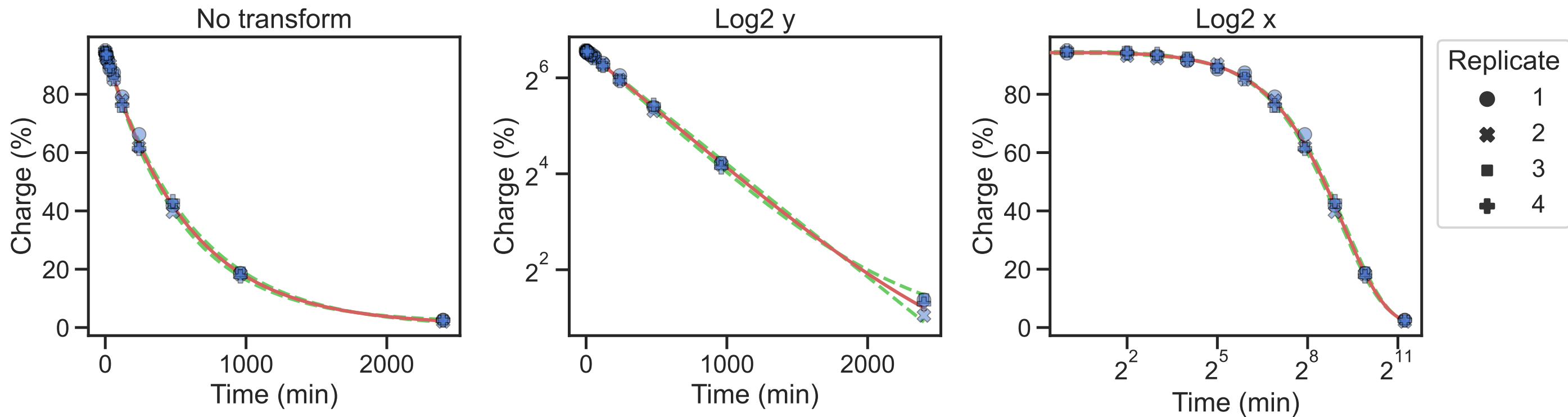


Ala-AGC-2-1 half-life=395min, 95% CI (377; 412)

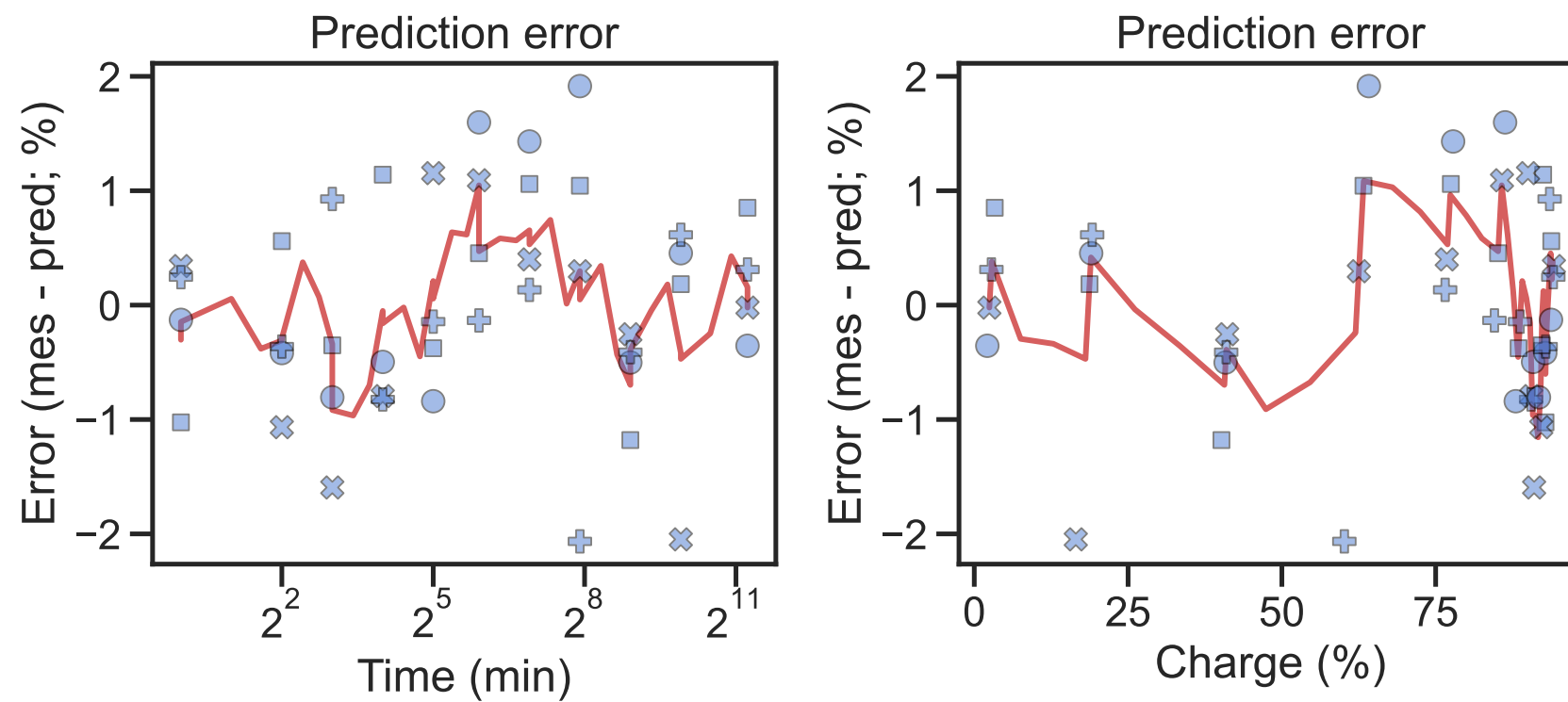
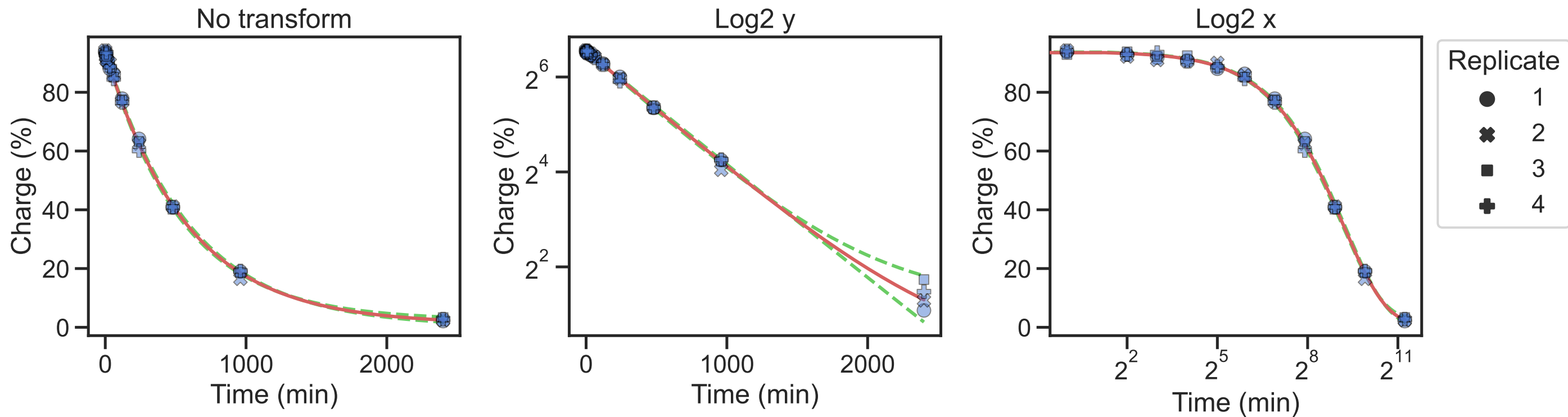




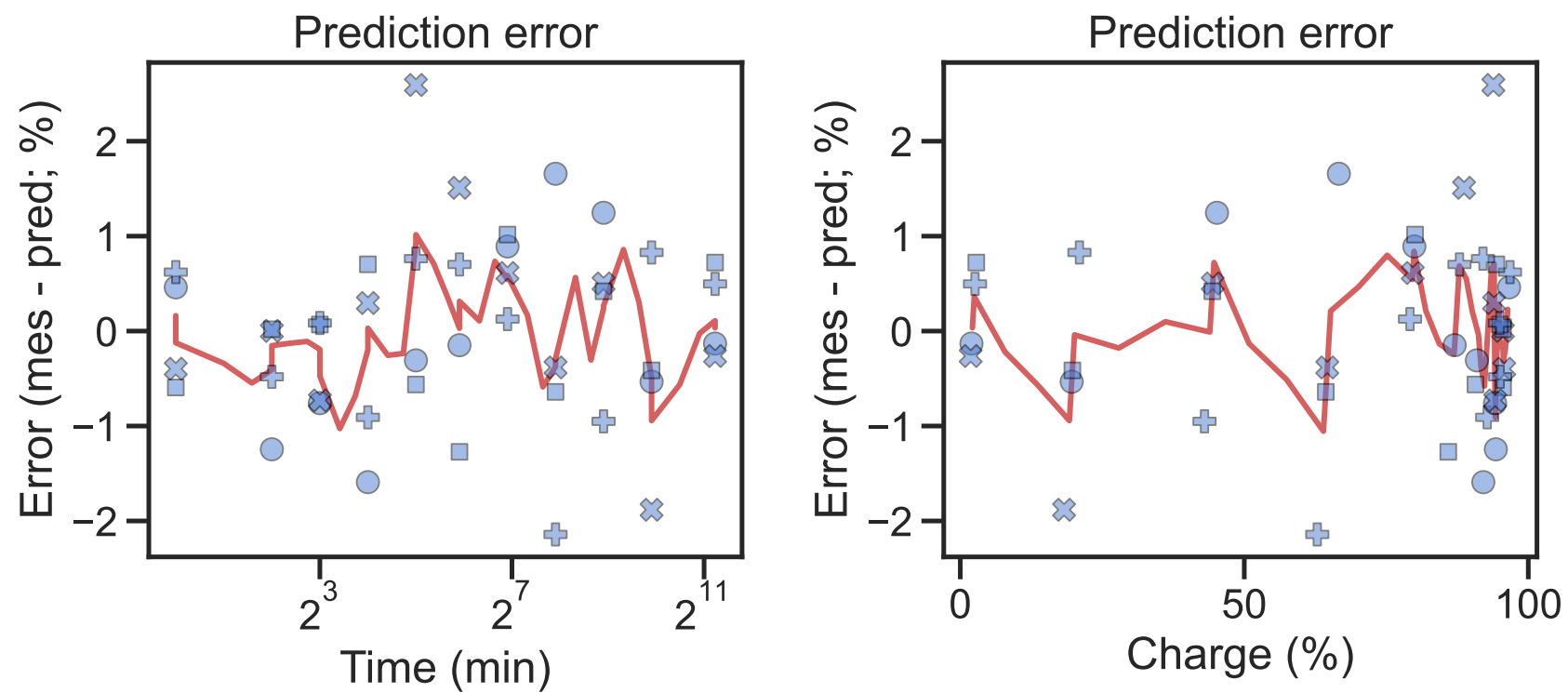
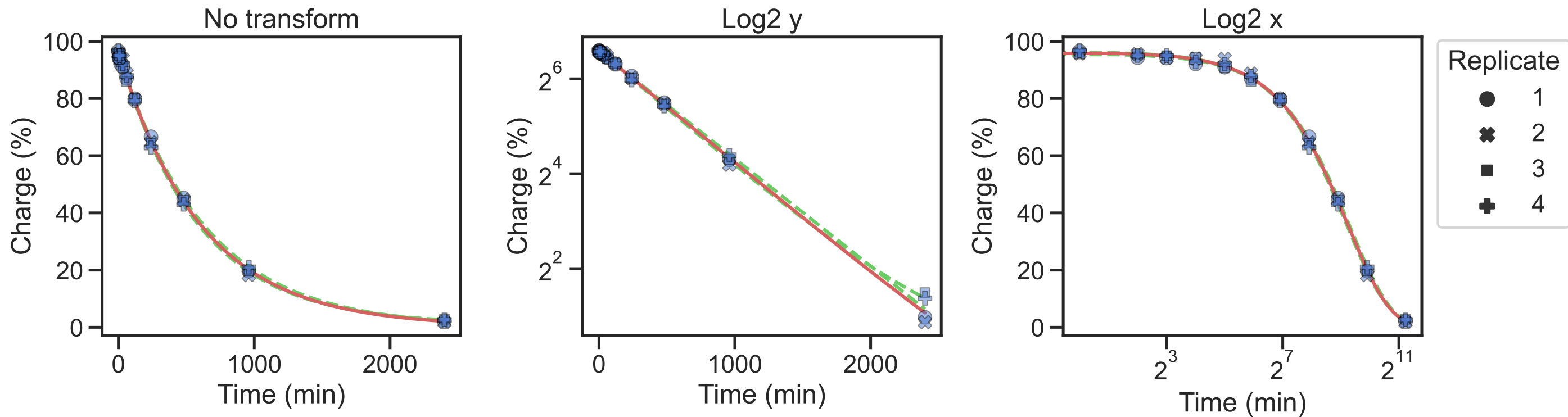
Ala-AGC-3-1 half-life=401 min, 95% CI (375; 425)



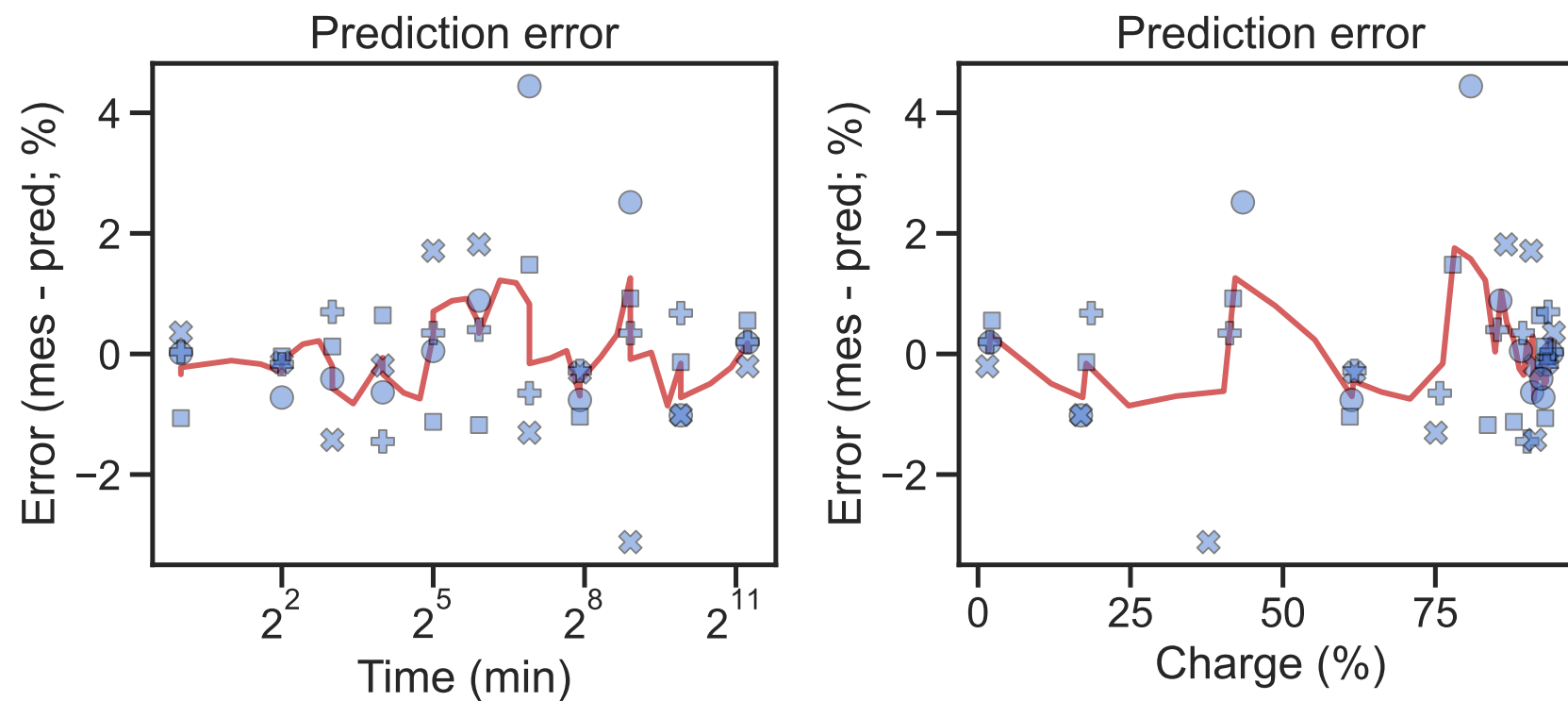
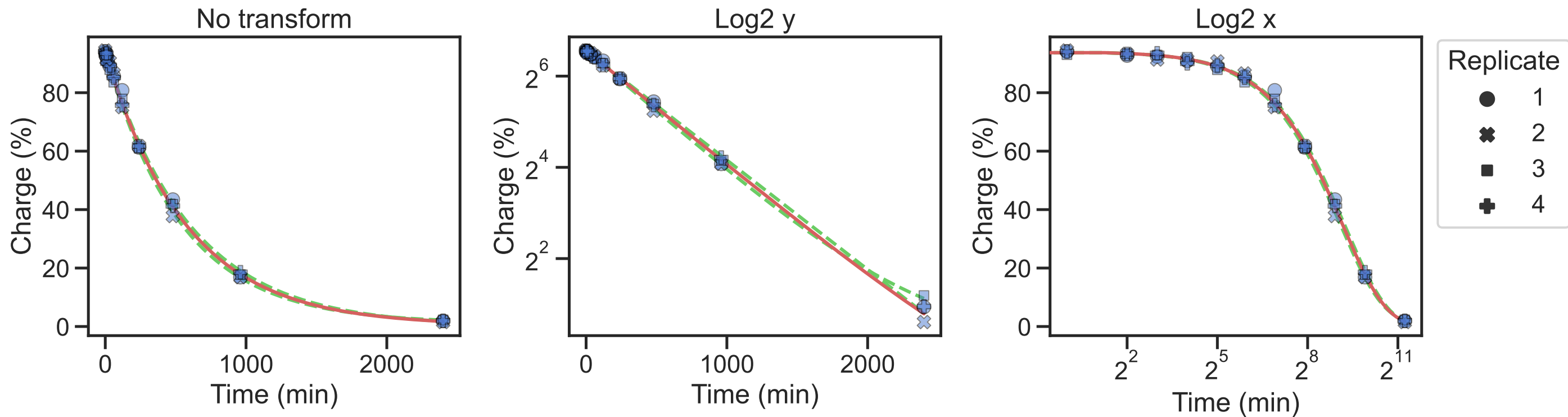
Ala-AGC-4-1 half-life=399min, 95% CI (378; 417)



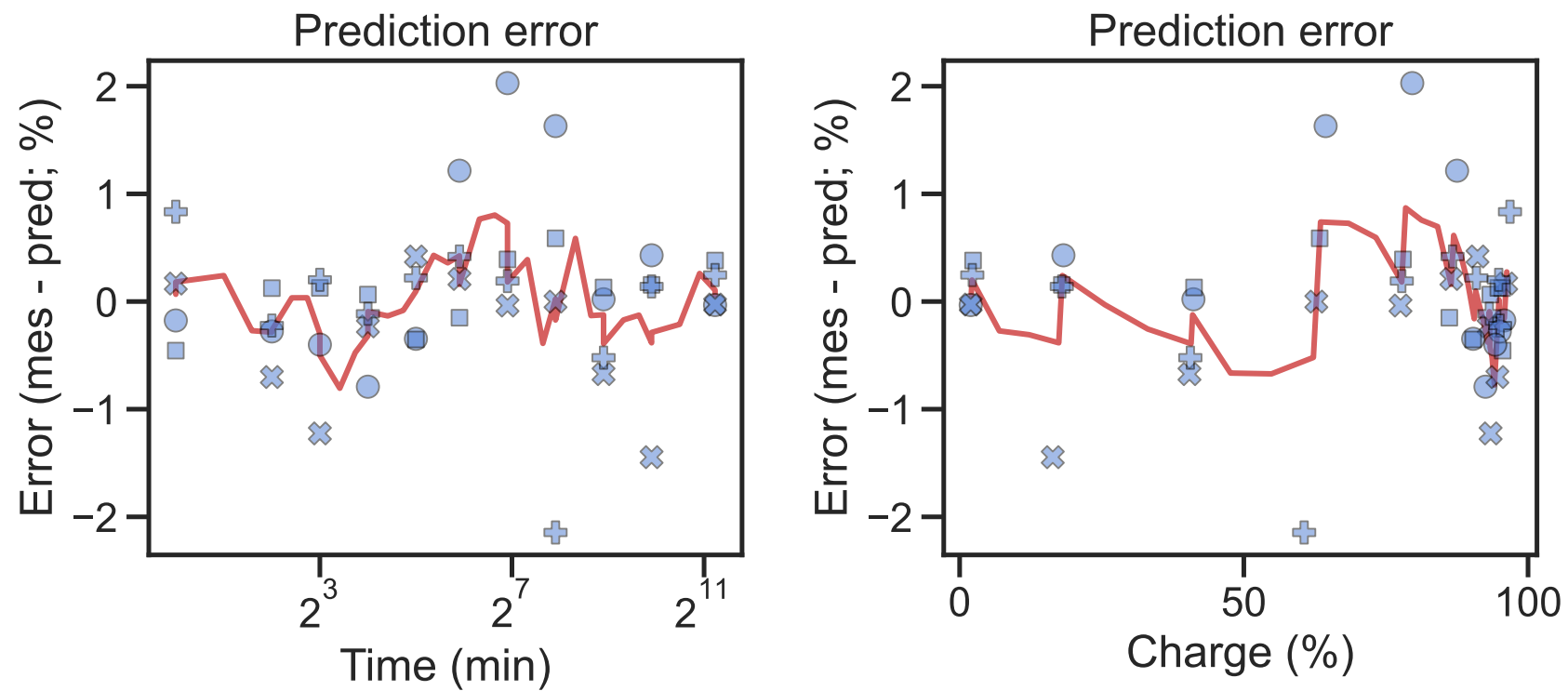
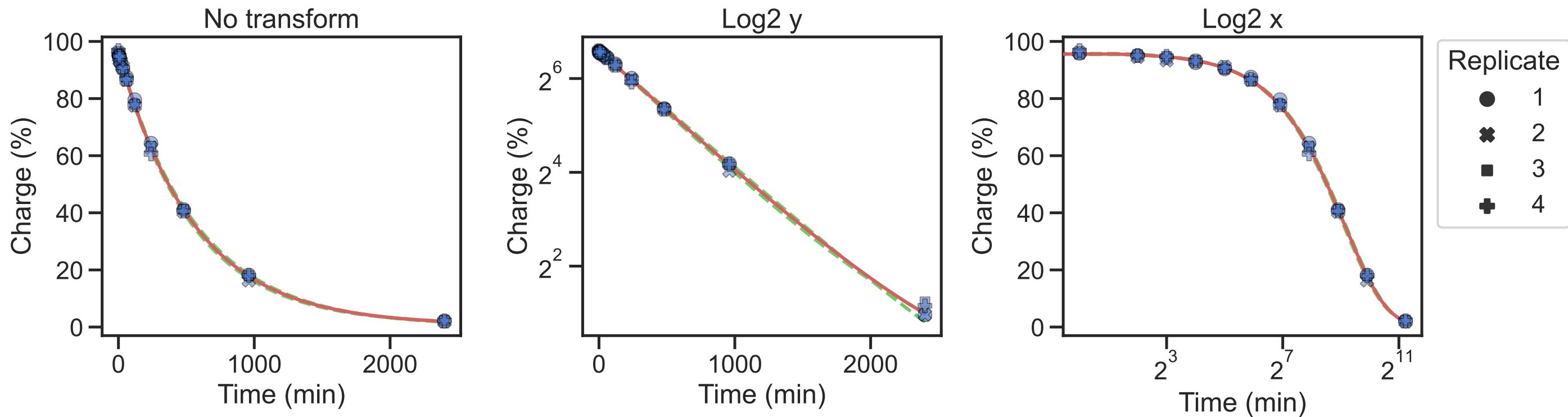
Ala-AGC-5-1 half-life=424min, 95% CI (405; 442)



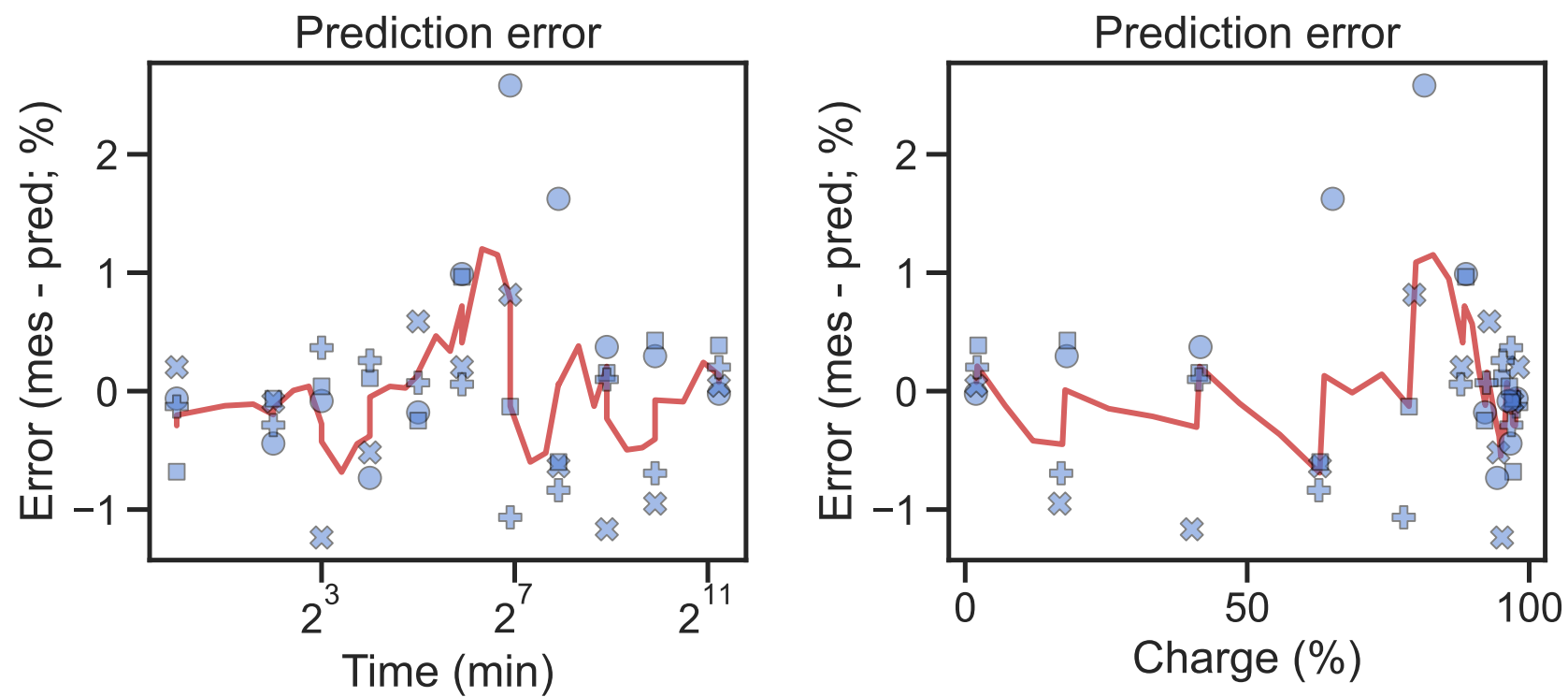
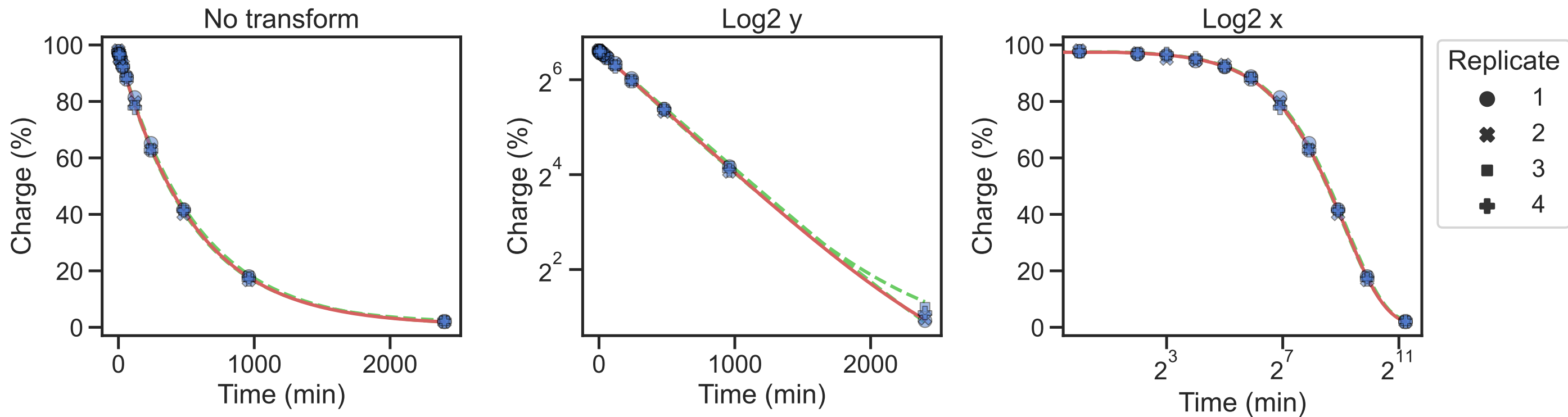
Ala-AGC-6-1 half-life=398min, 95% CI (372; 417)



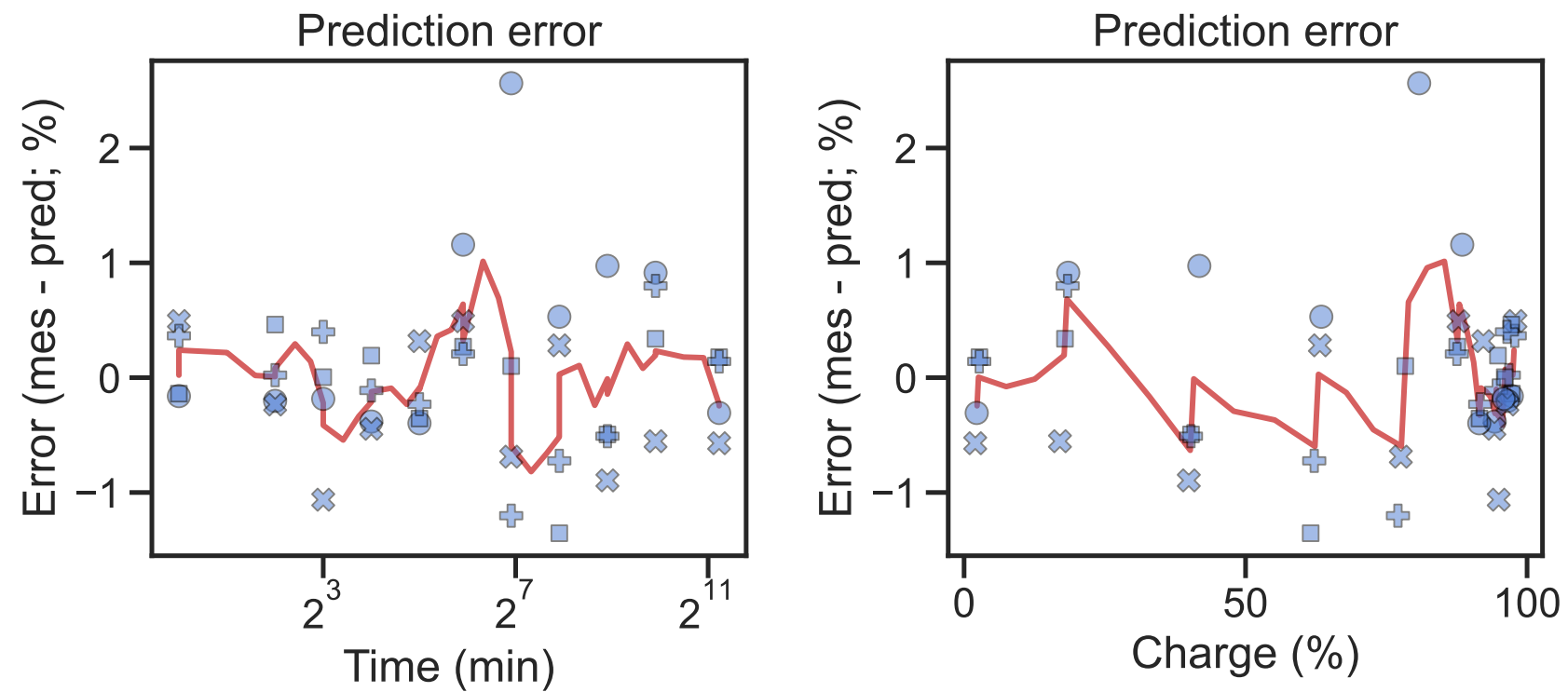
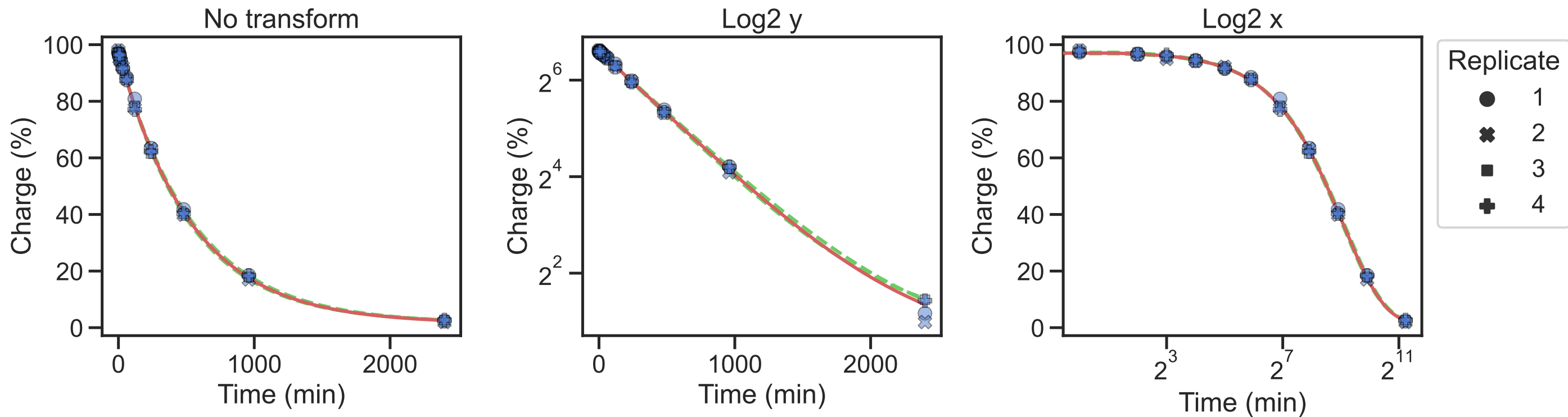
Ala-AGC-8-1 half-life=388min, 95% CI (376; 401)



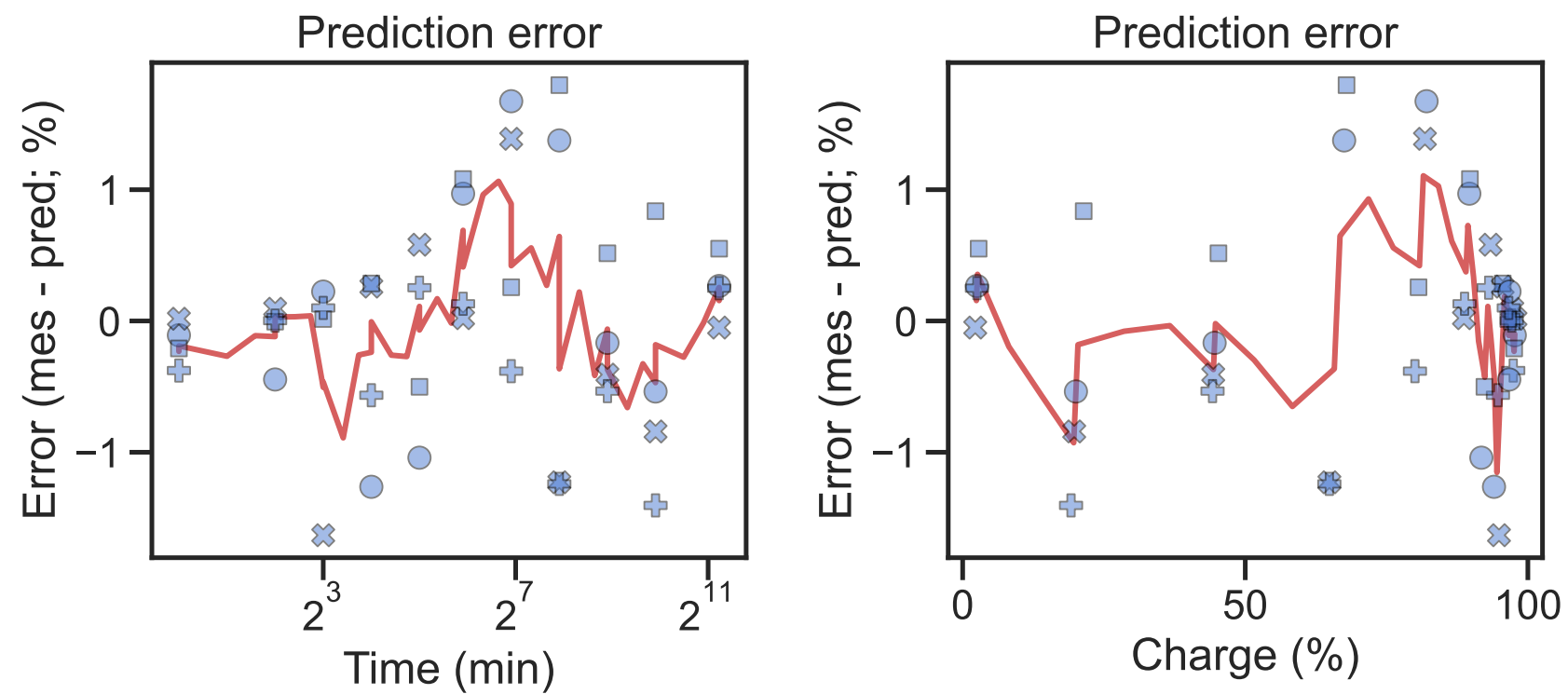
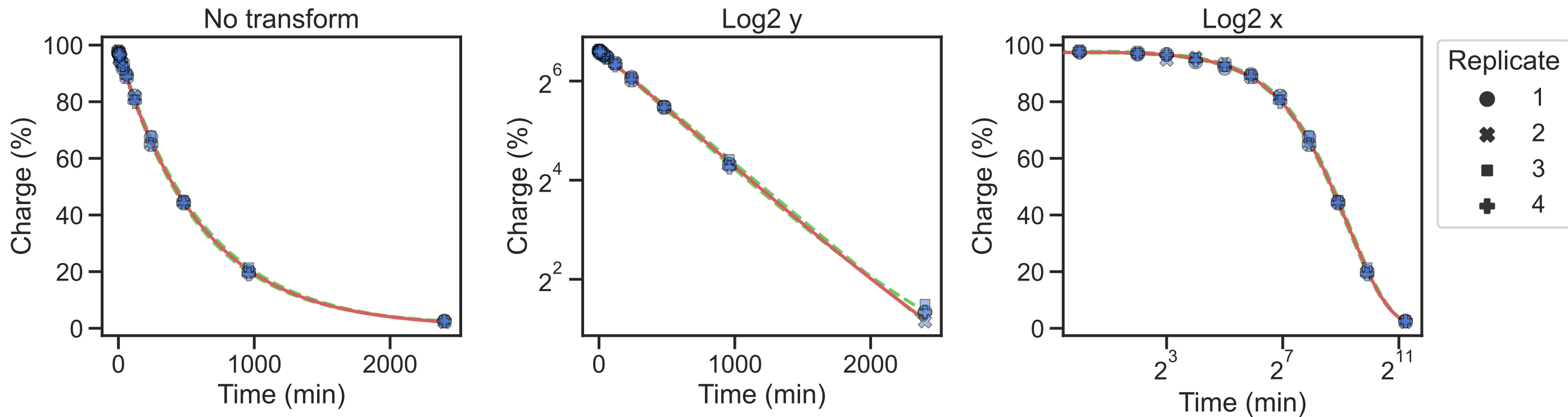
Ala-CGC-1-1 half-life=382 min, 95% CI (372; 398)



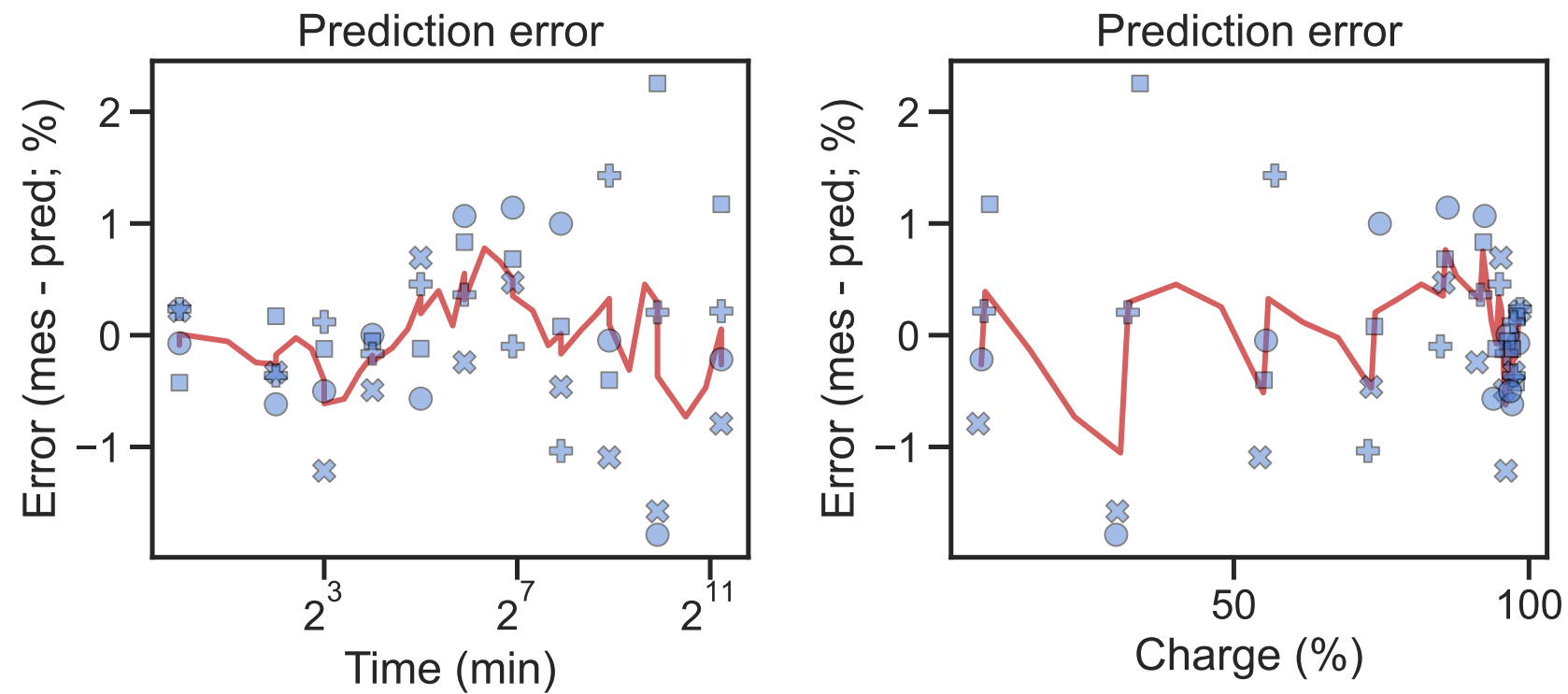
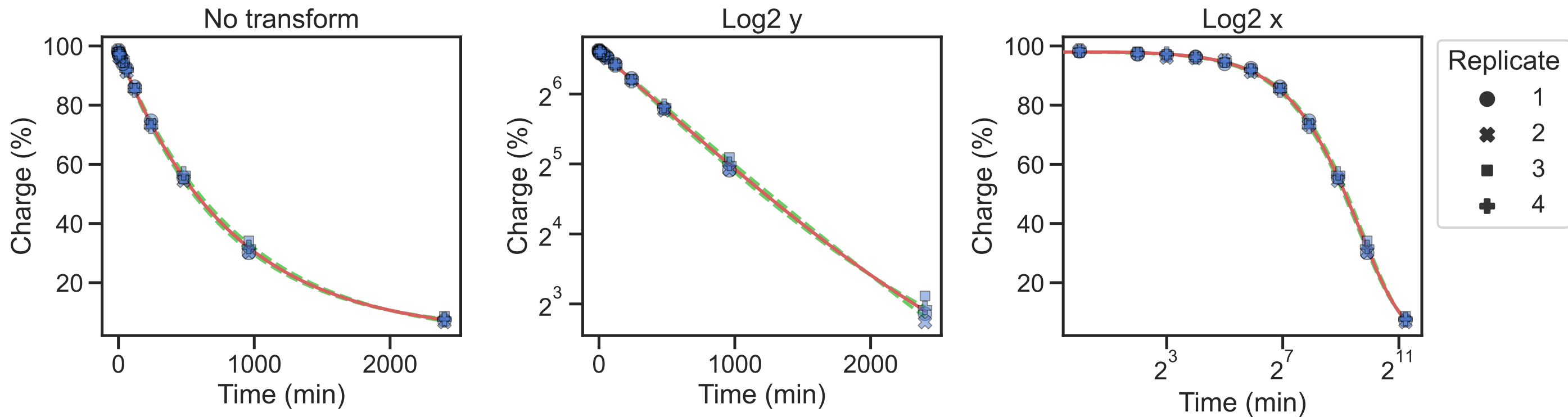
Ala-CGC-2-1 half-life=373min, 95% CI (361; 384)



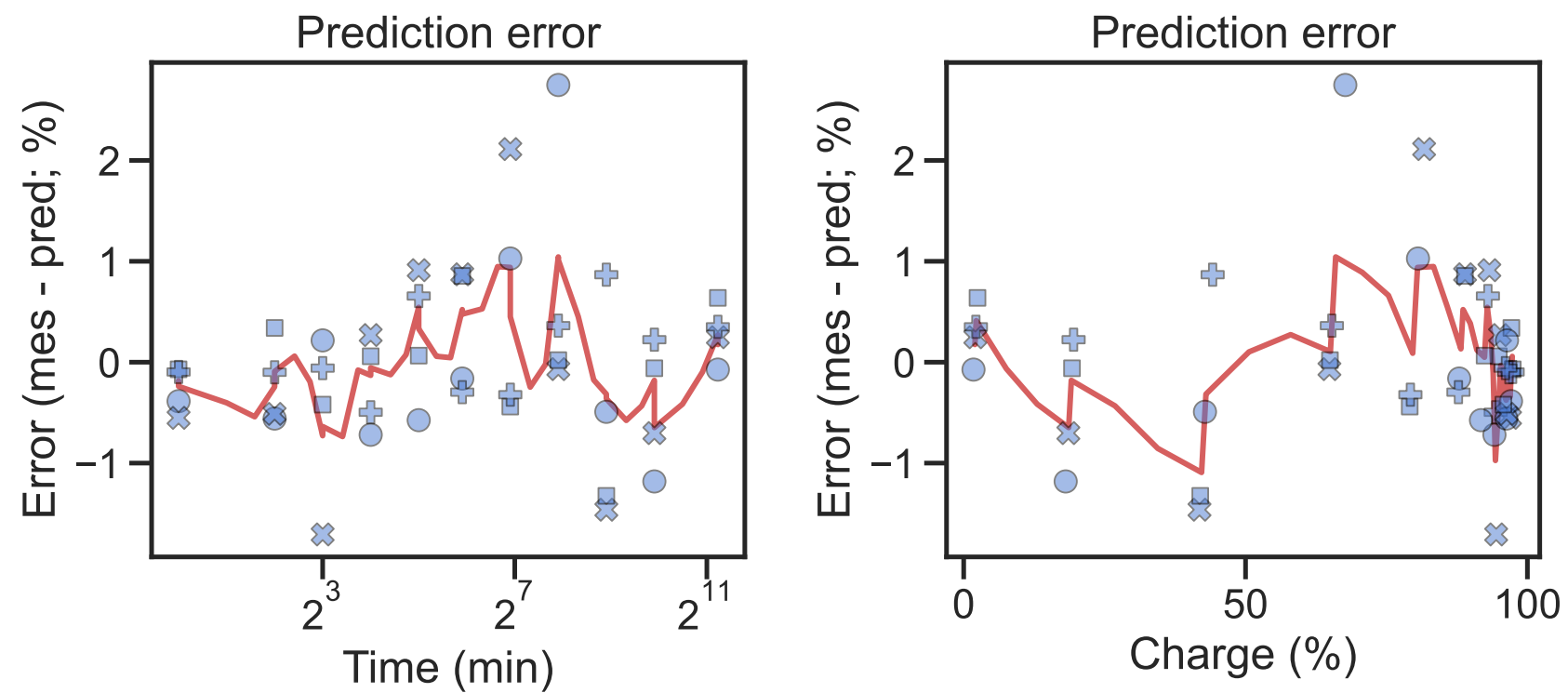
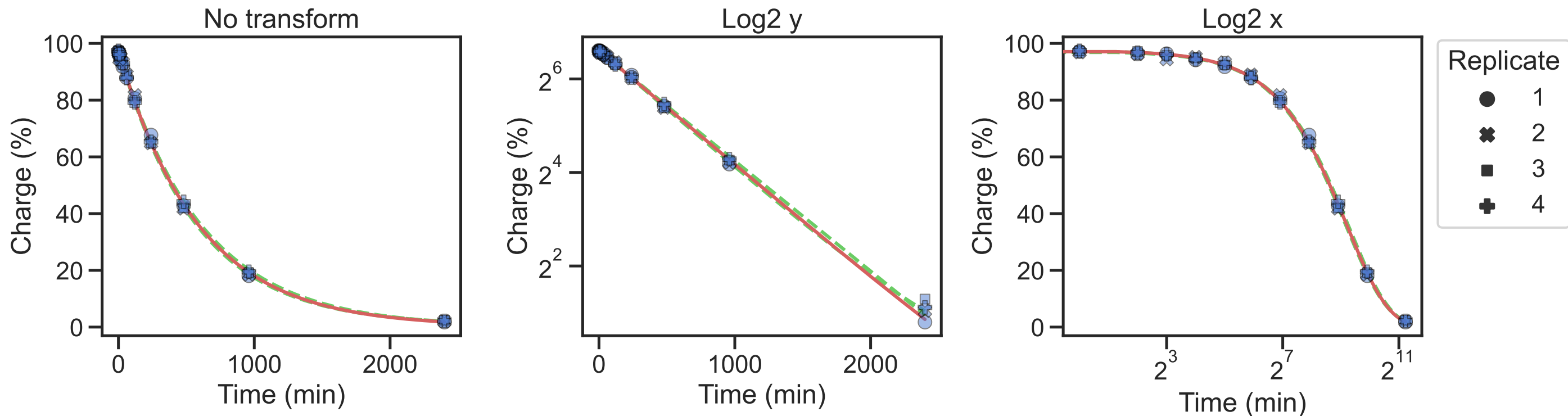
Ala-CGC-3-1 half-life=423min, 95% CI (408; 438)



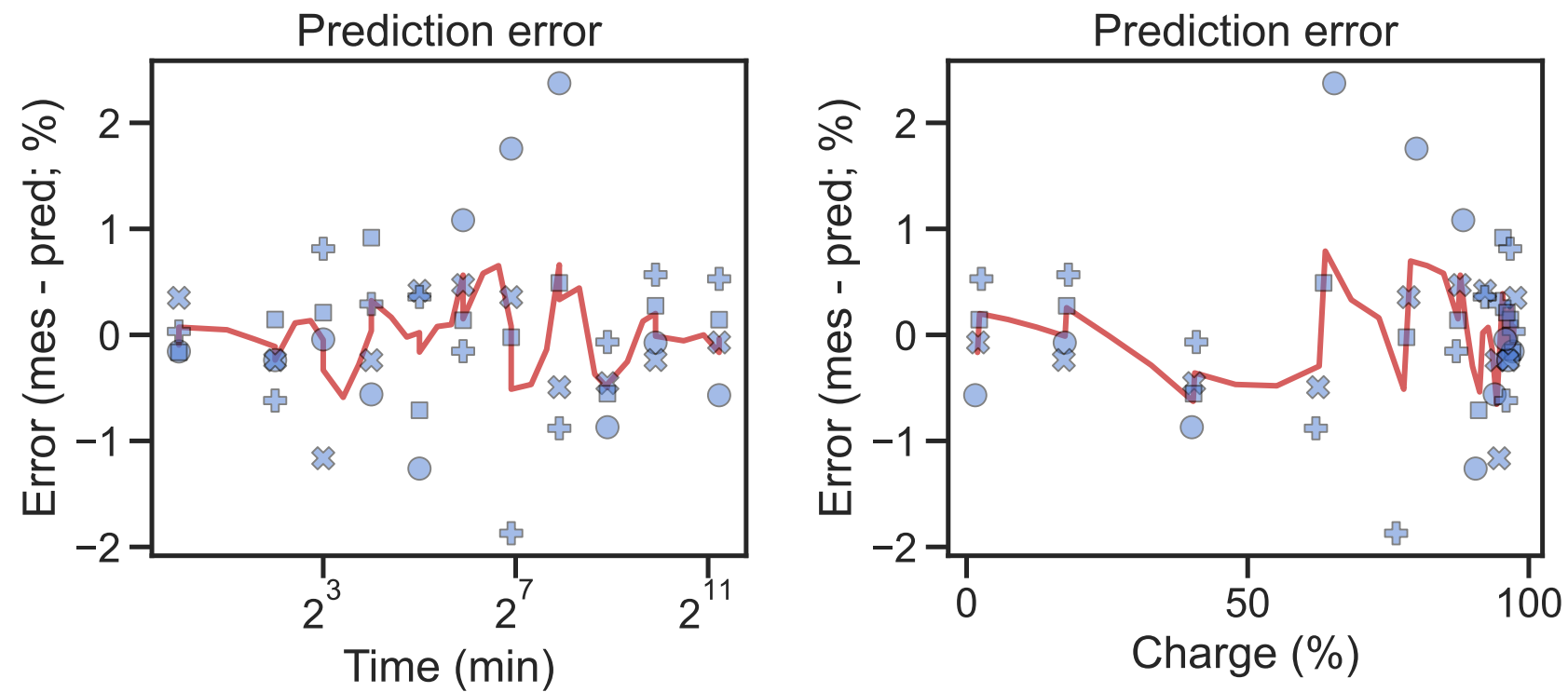
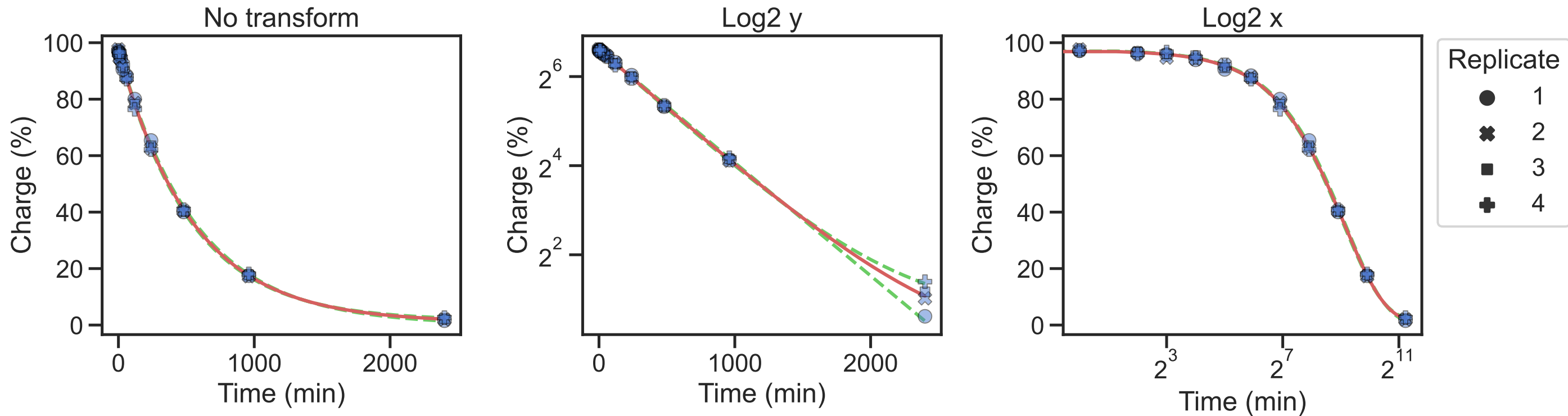




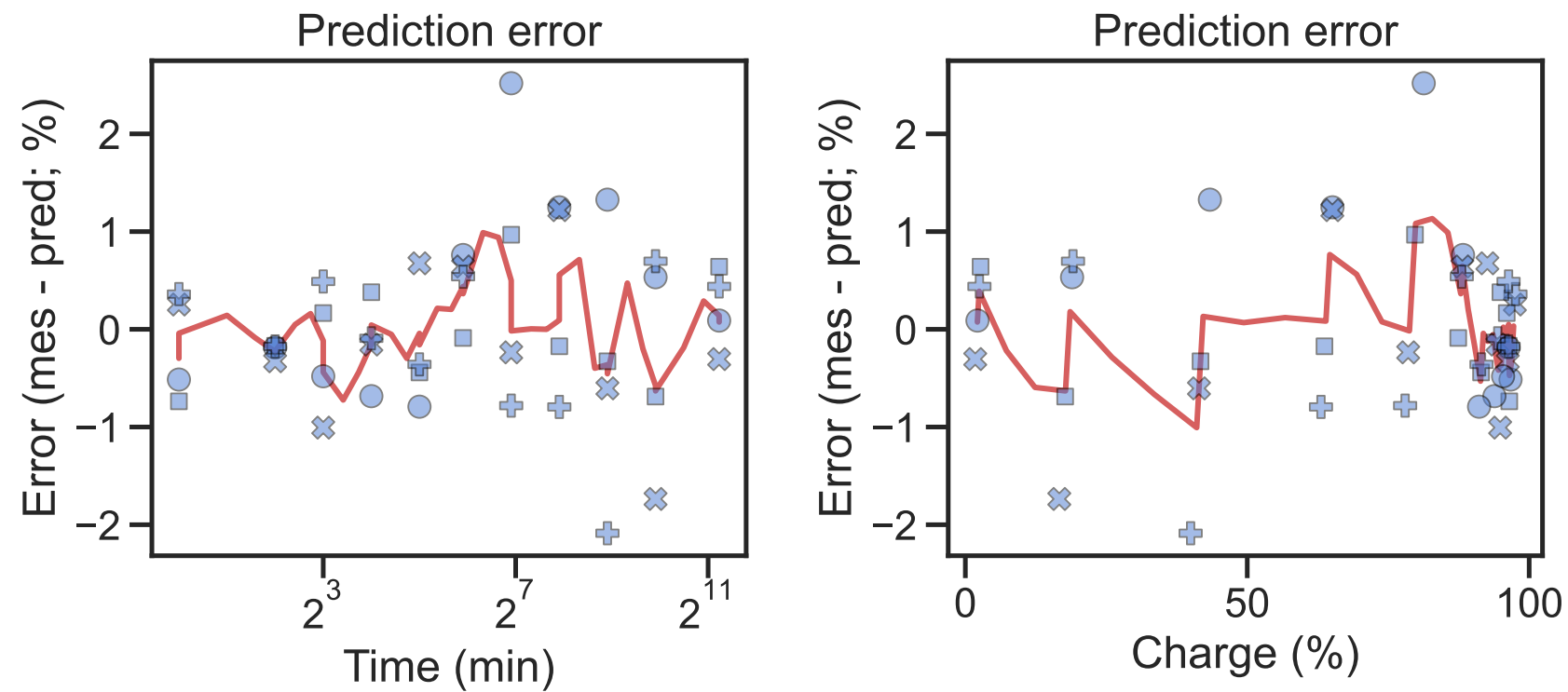
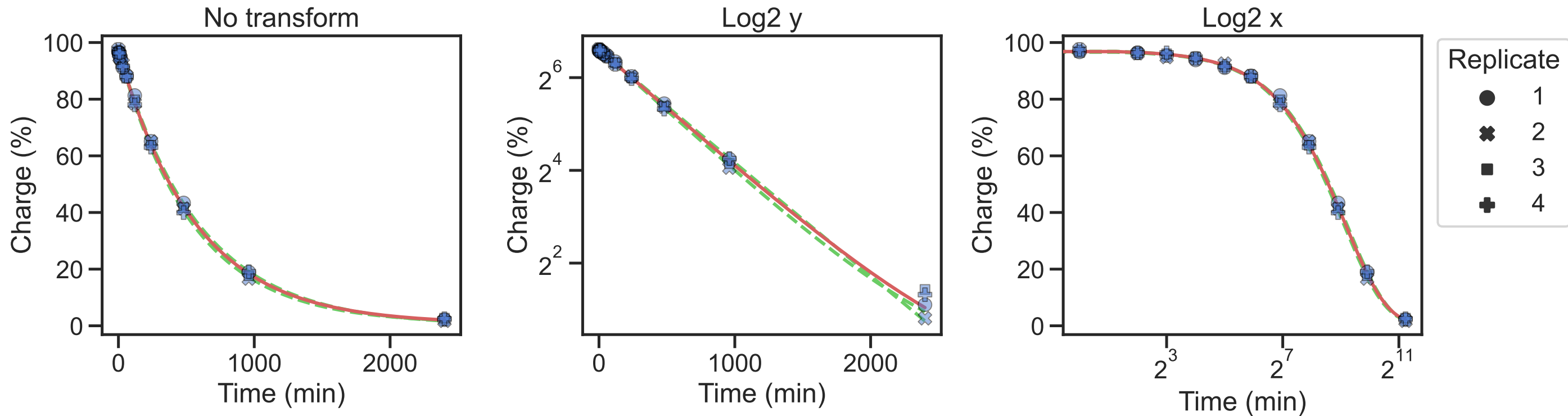
Ala-TGC-1-1 half-life=409min, 95% CI (396; 424)



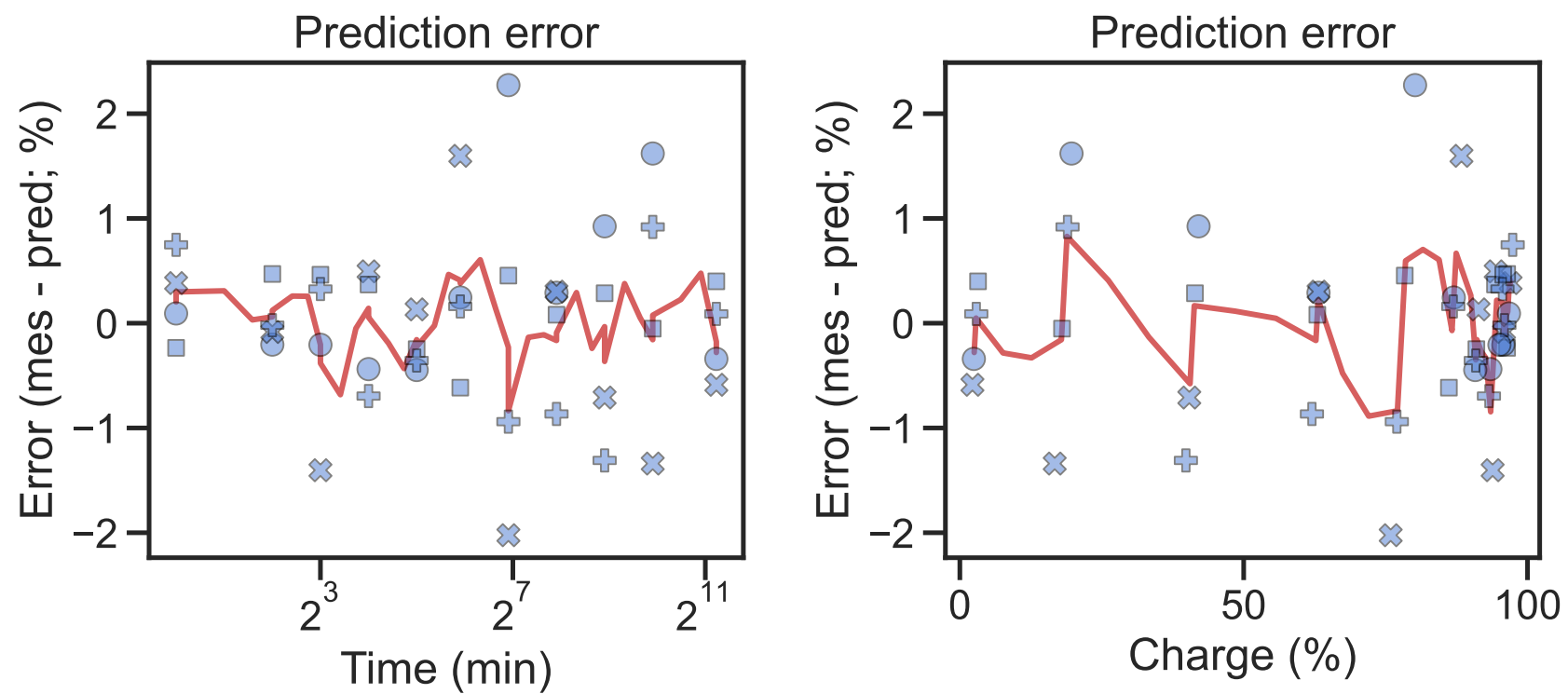
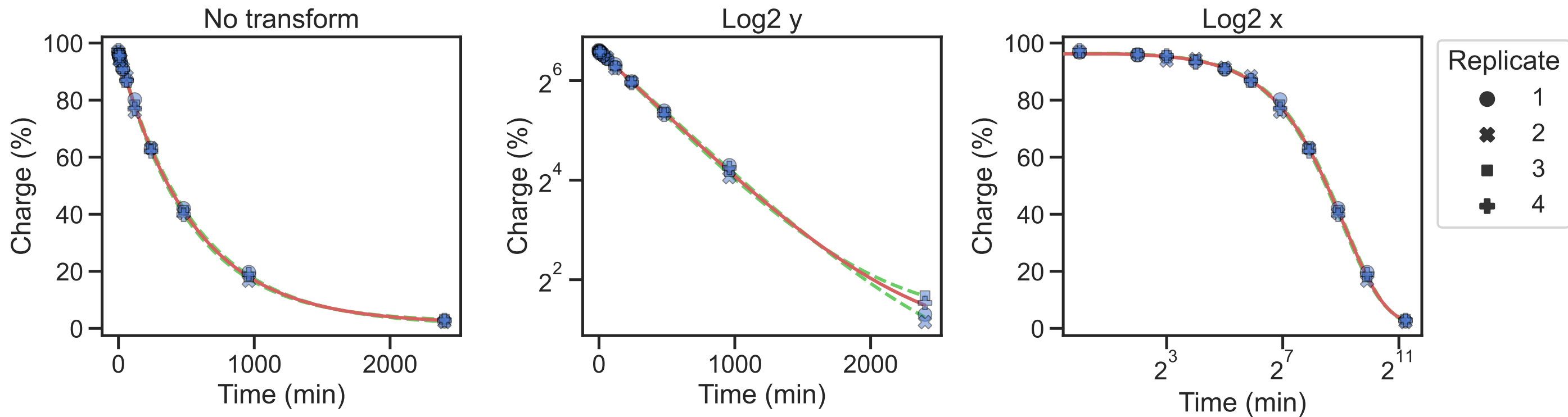
Ala-TGC-2-1 half-life=379min, 95% CI (367; 394)



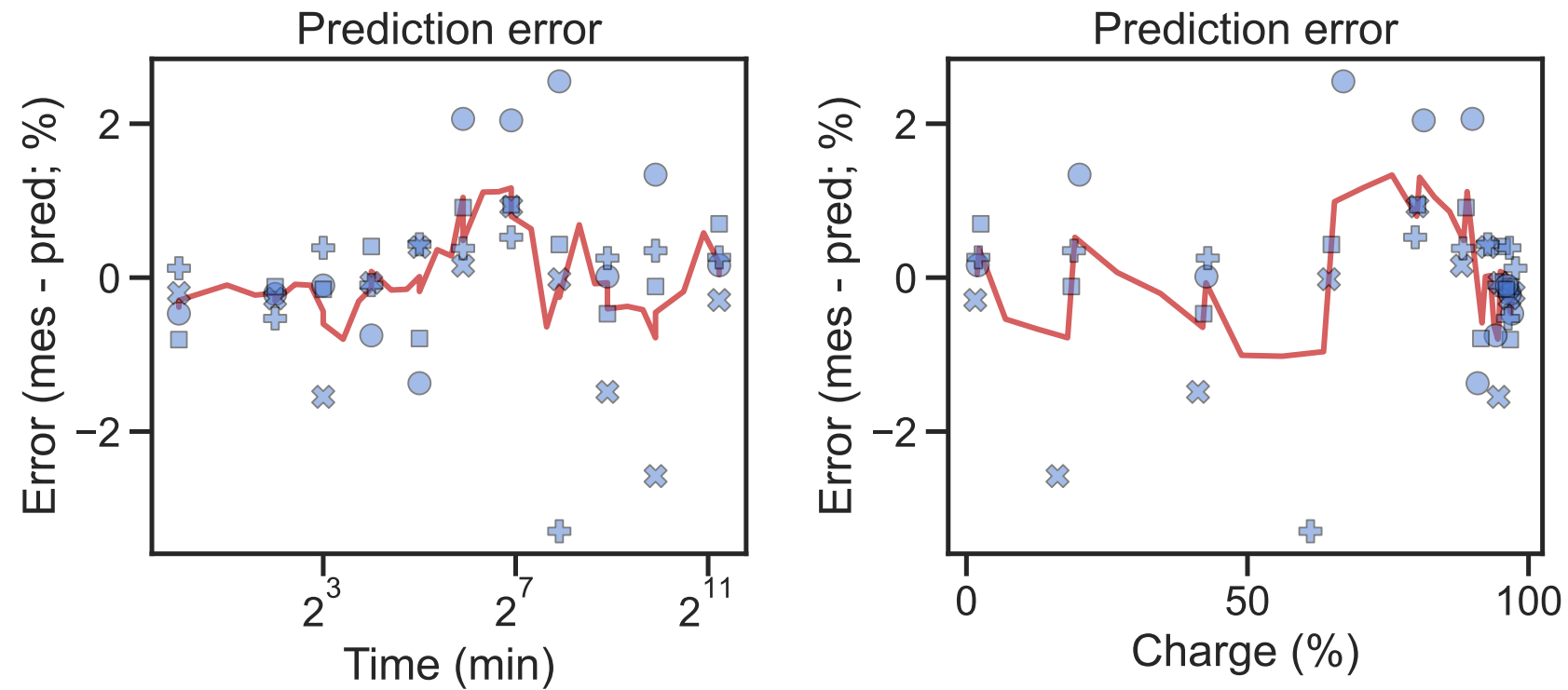
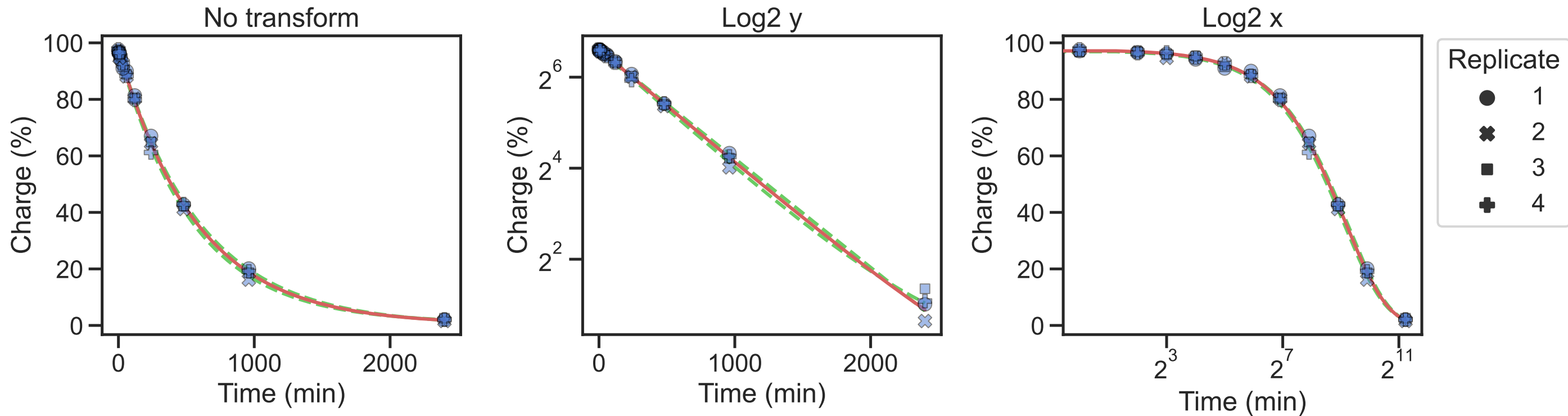
Ala-TGC-3-1 half-life=393min, 95% CI (375; 410)



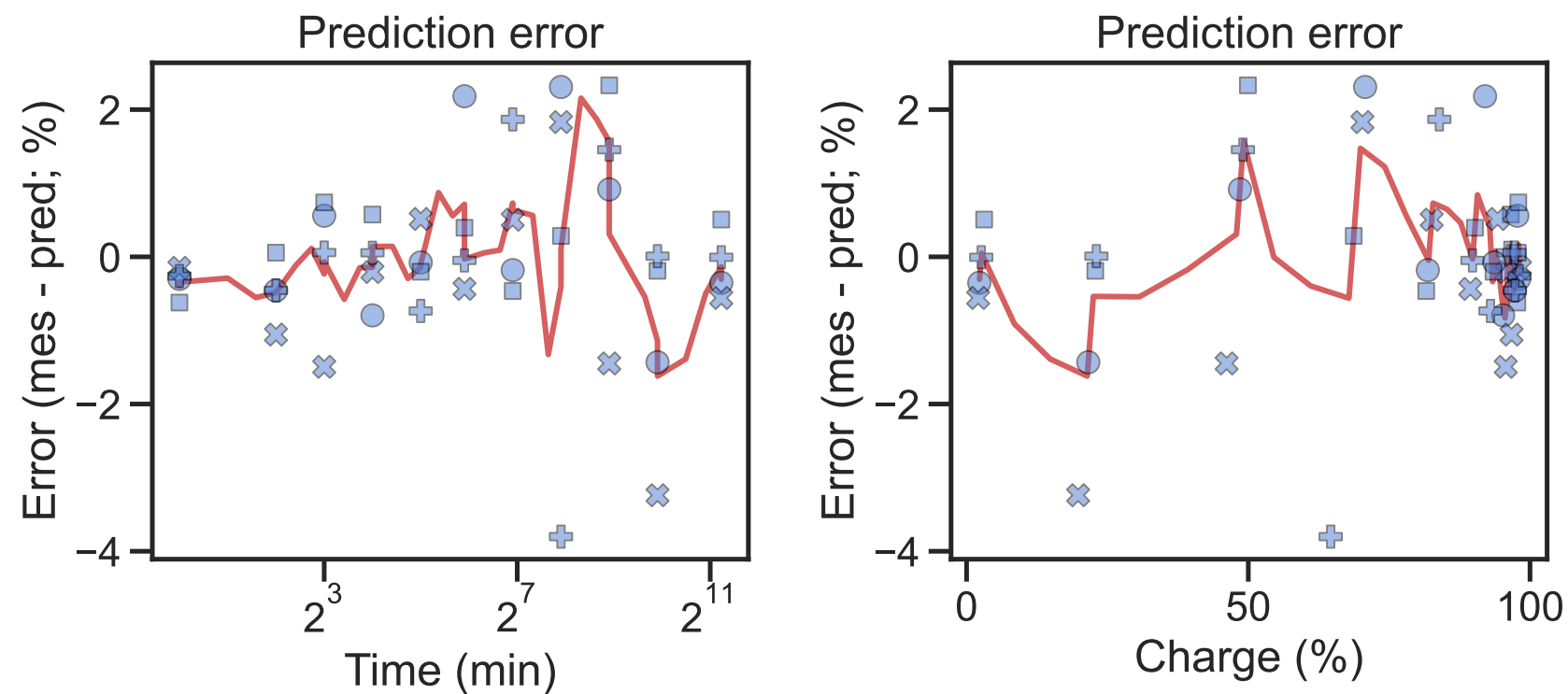
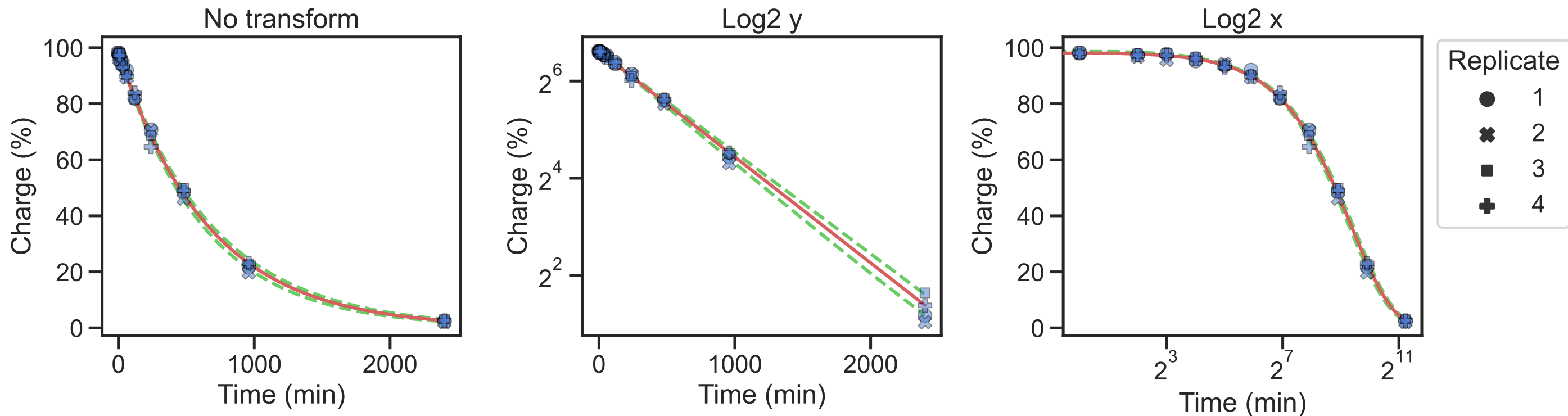
Ala-TGC-4-1 half-life=379min, 95% CI (363; 393)



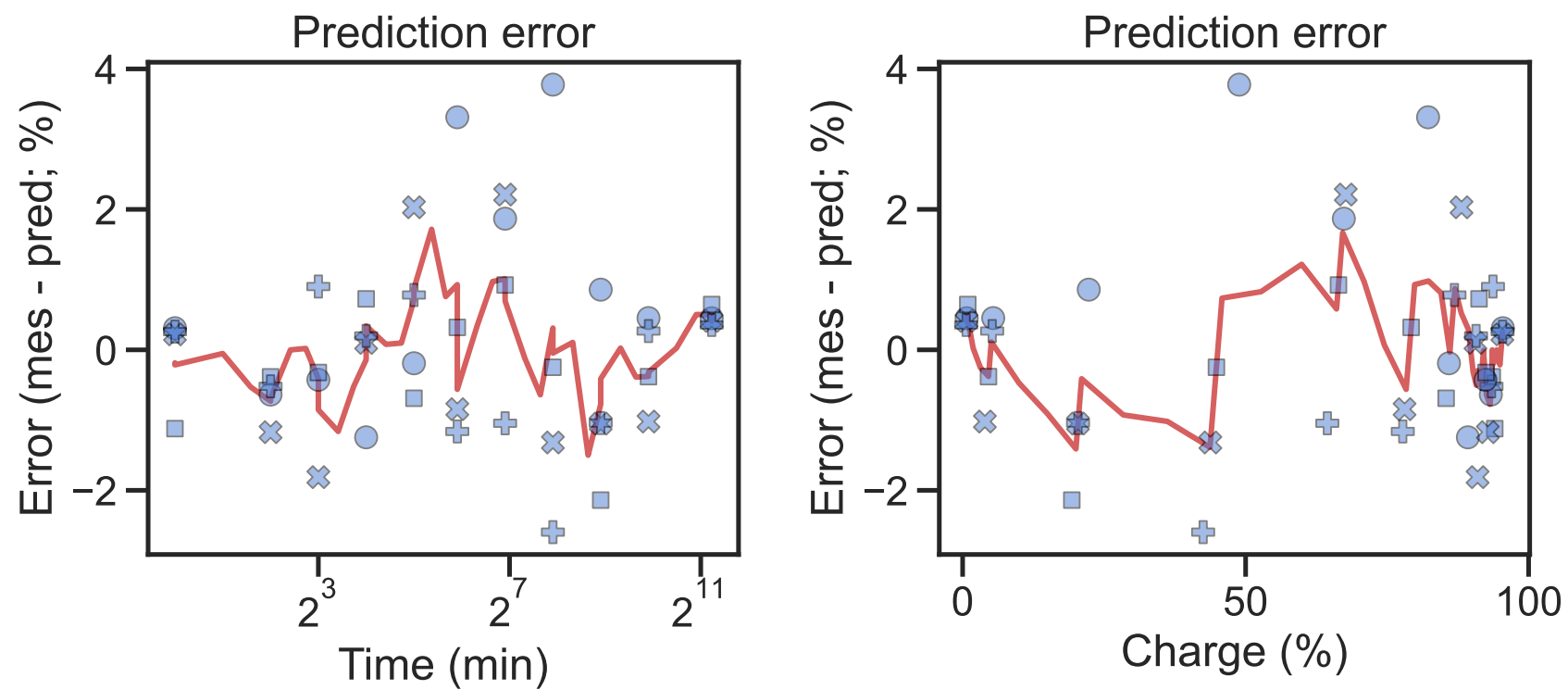
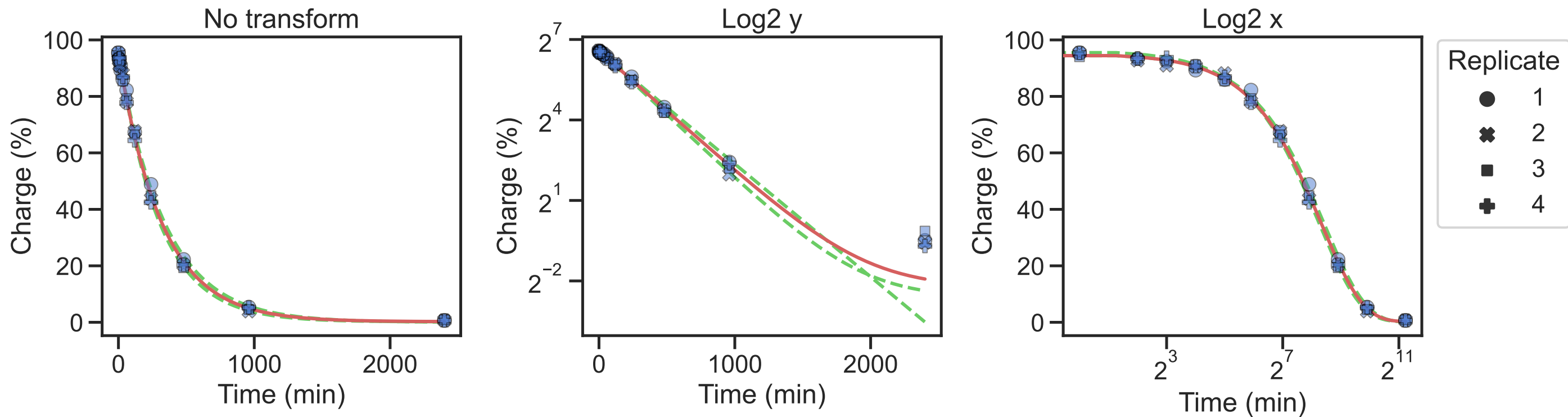
Ala-TGC-5-1 half-life=400min, 95% CI (378; 418)



Ala-TGC-6-1 half-life=458min, 95% CI (428; 479)

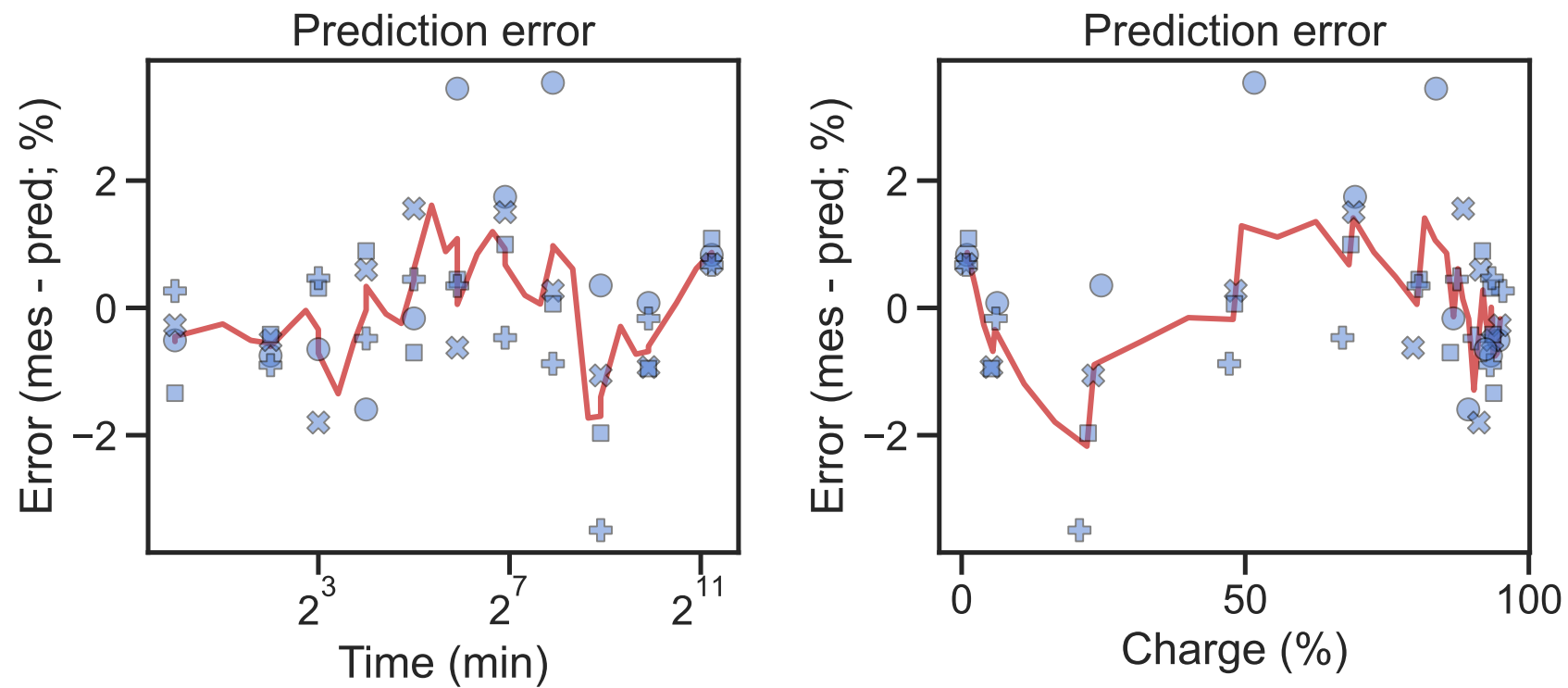
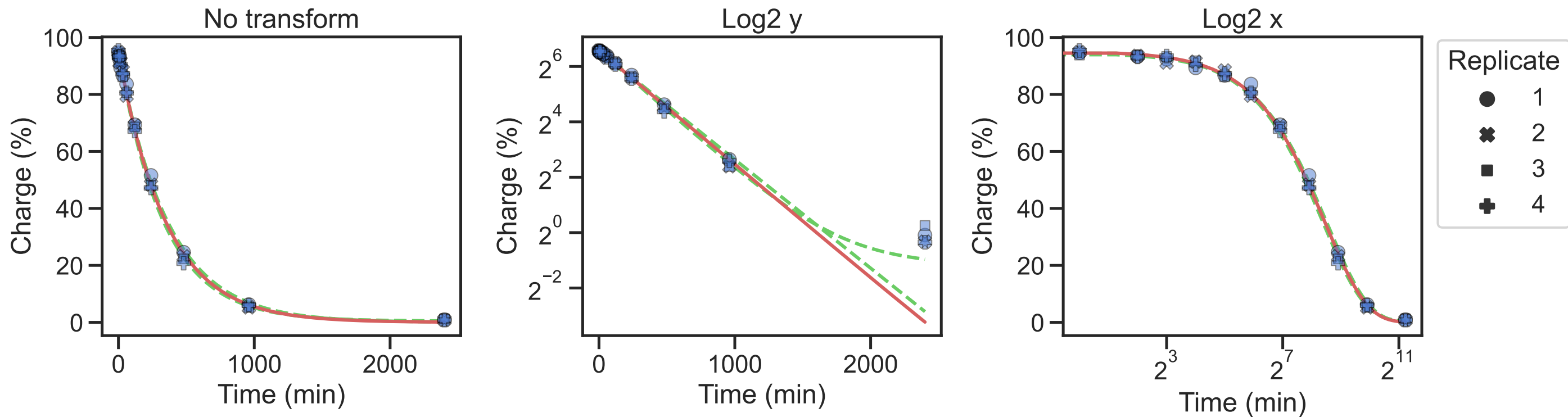


Arg-ACG-1-1 half-life=222 min, 95% CI (209; 238)

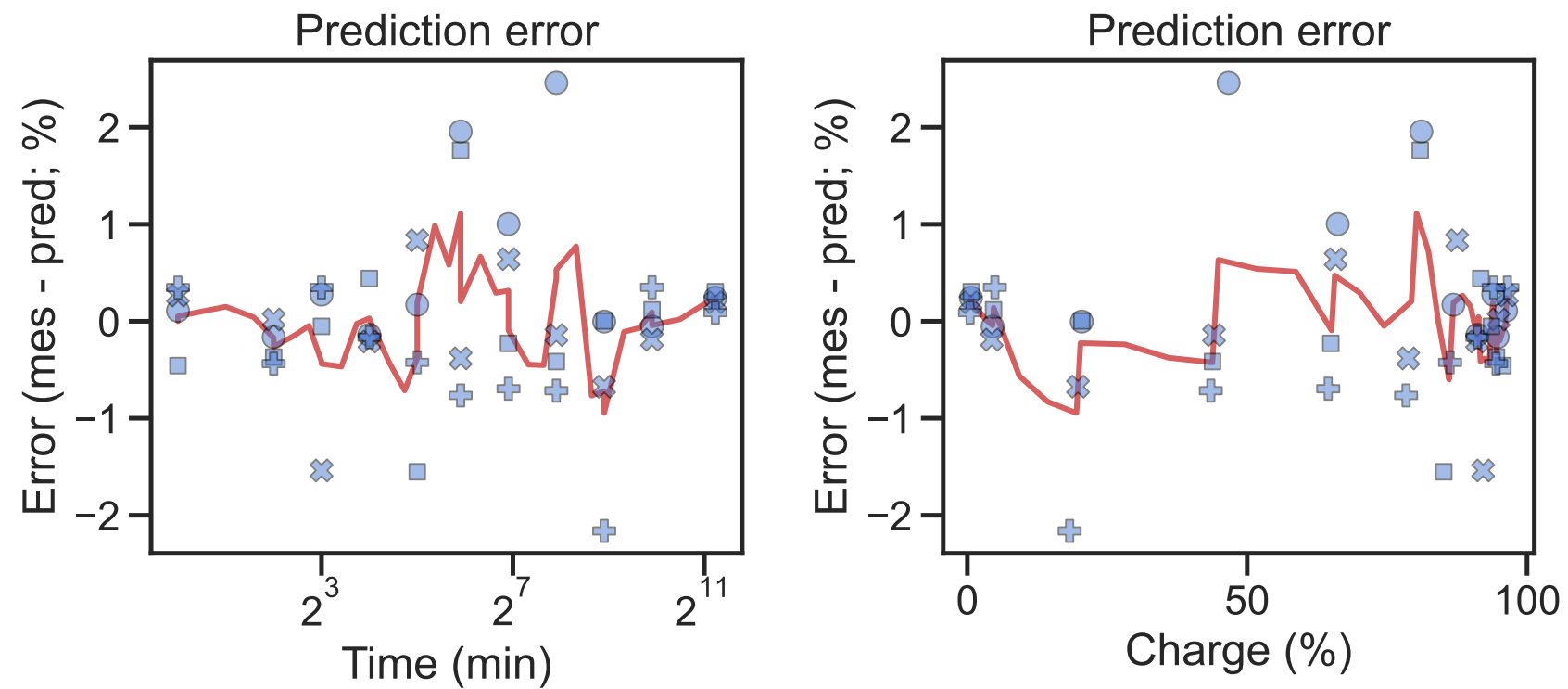
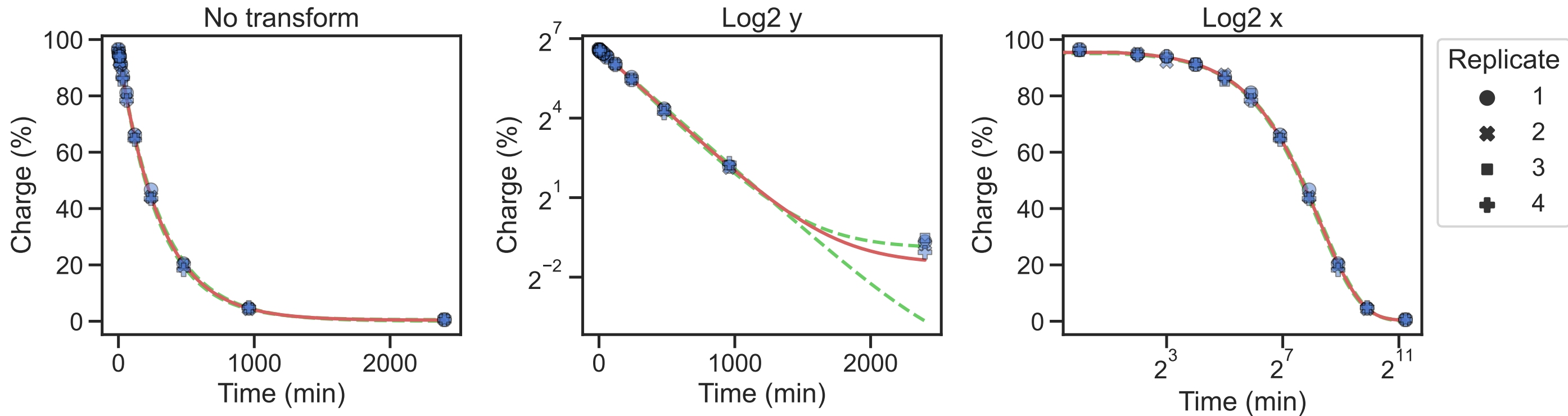




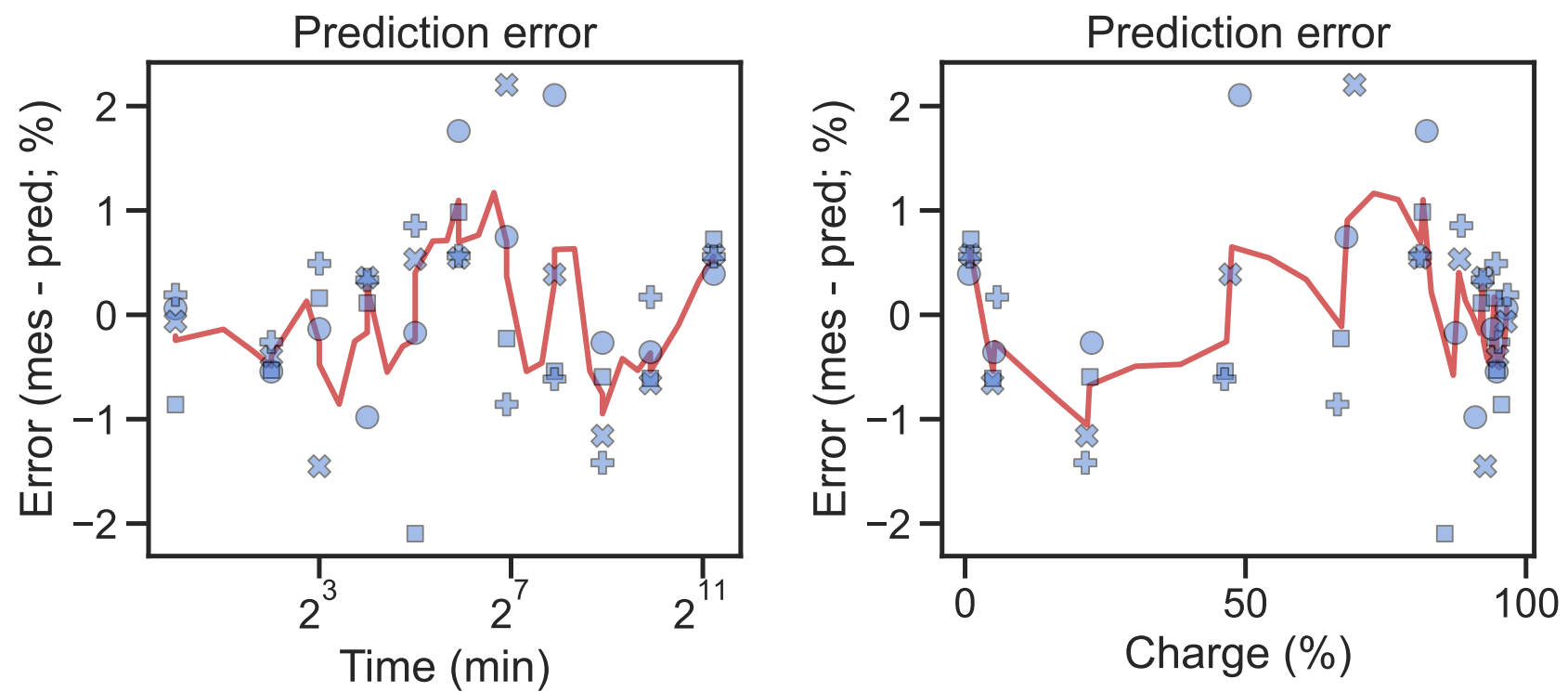
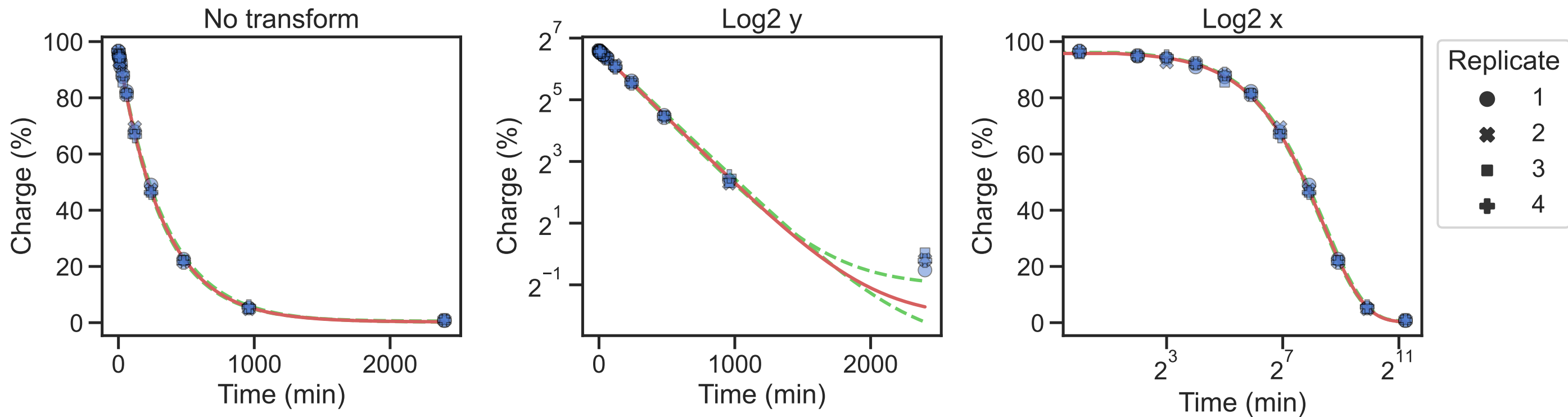
Arg-ACG-2-1 half-life=243 min, 95% CI (231; 255)



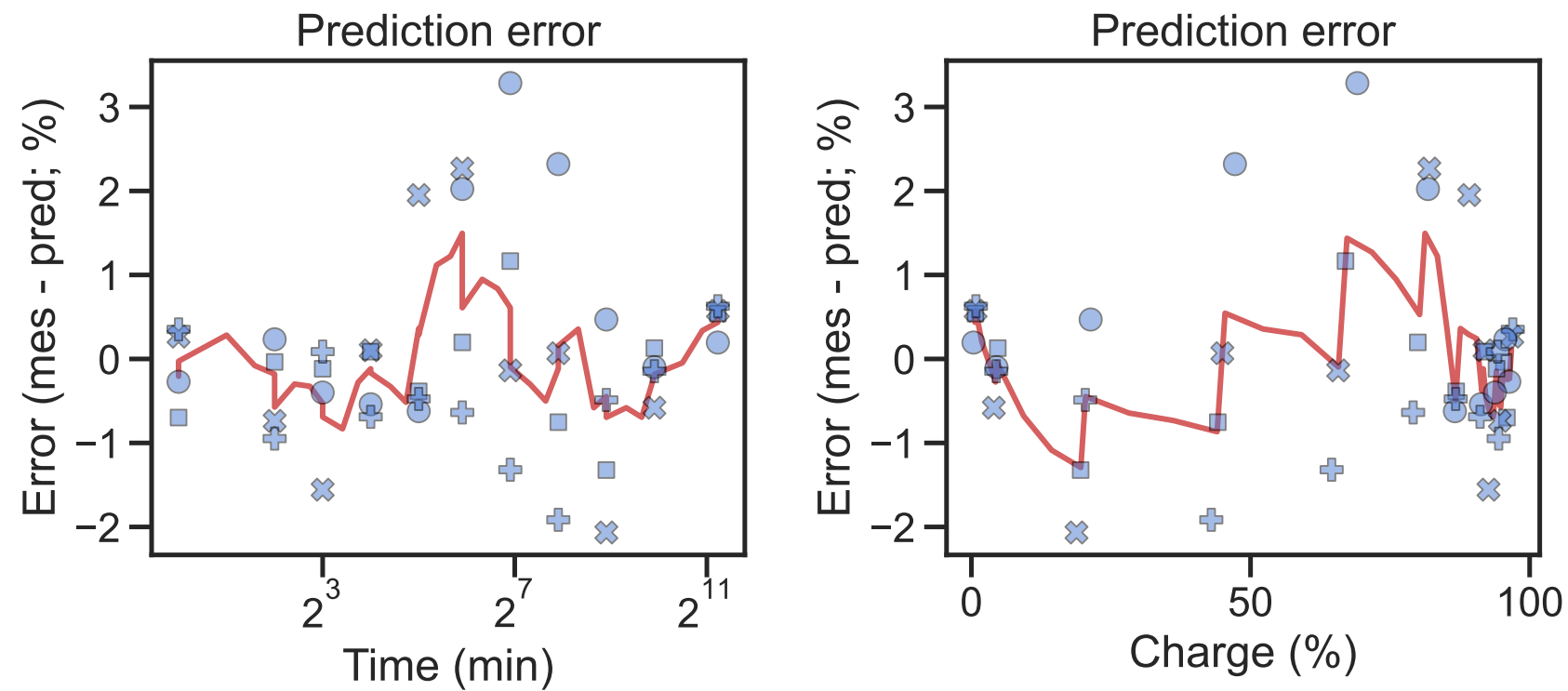
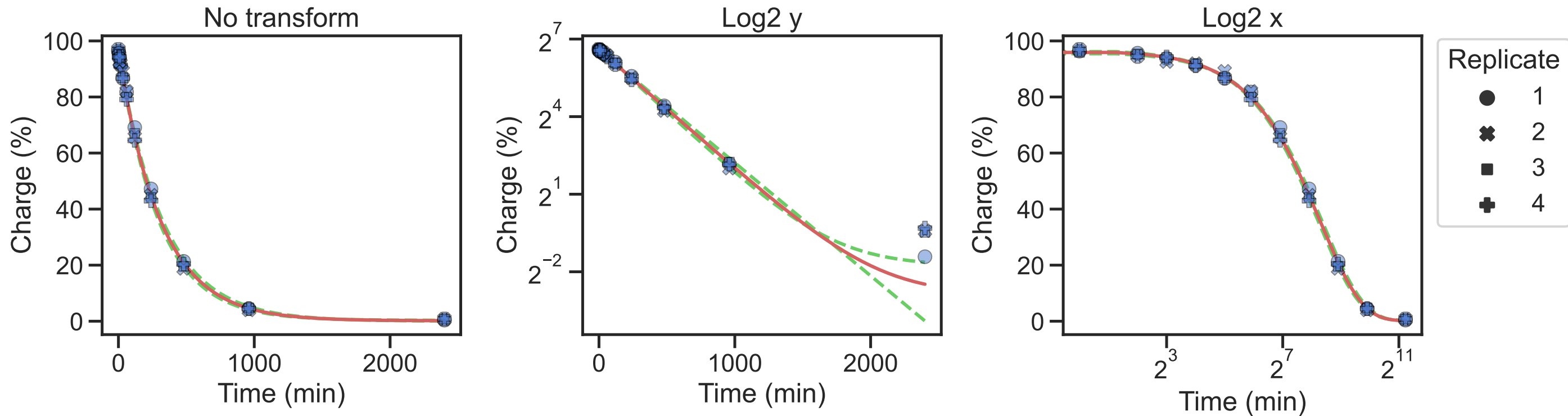
Arg-CCG-1-1 half-life=213 min, 95% CI (205; 222)



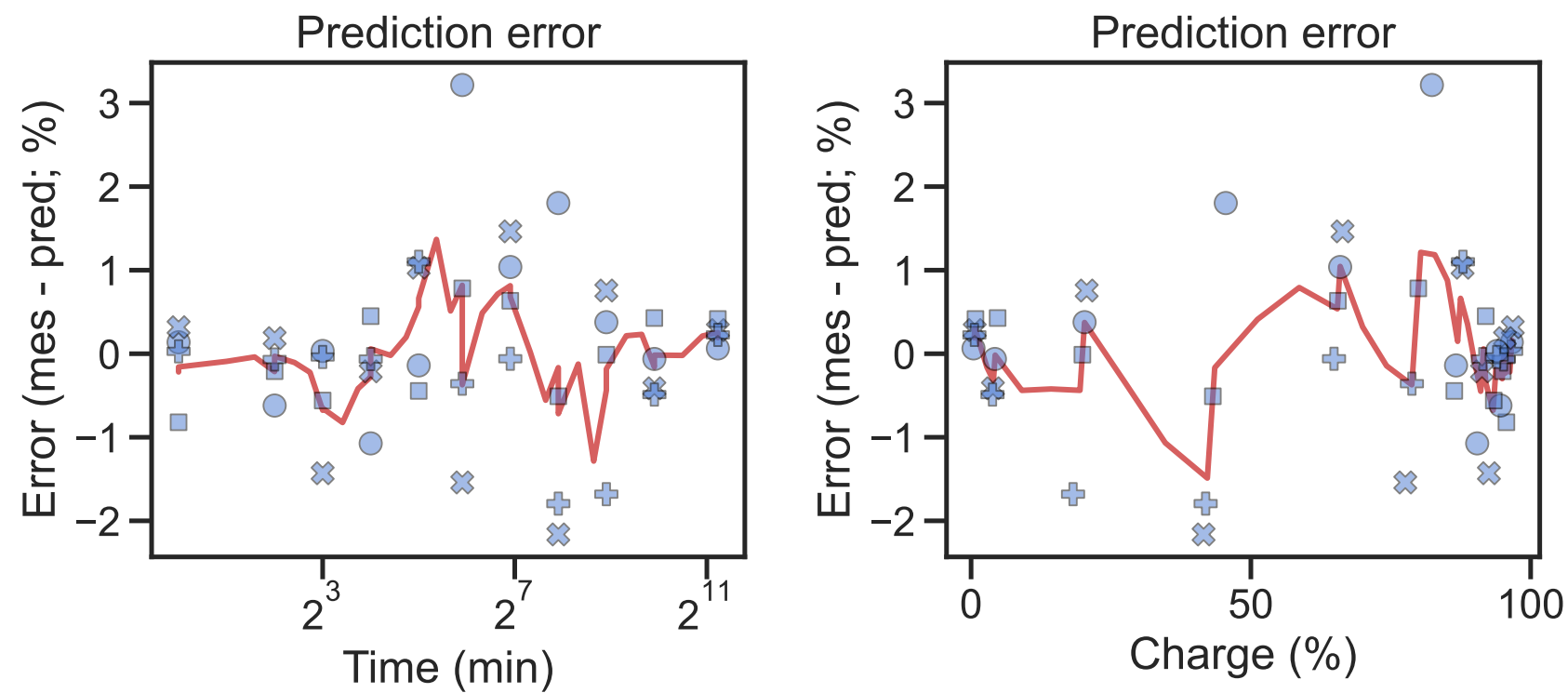
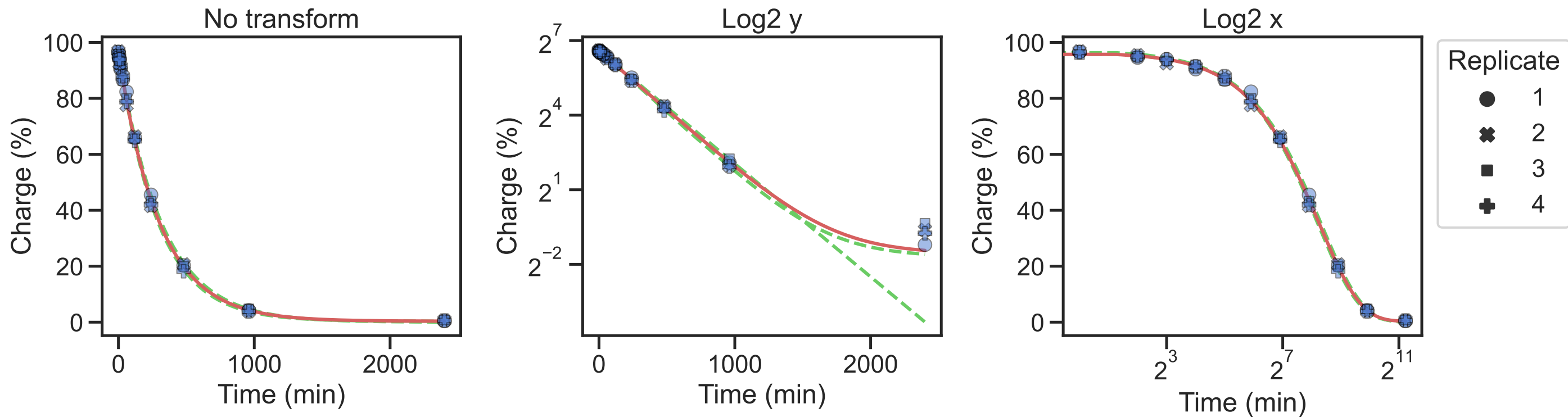
Arg-CCG-2-1 half-life=230 min, 95% CI (223; 239)



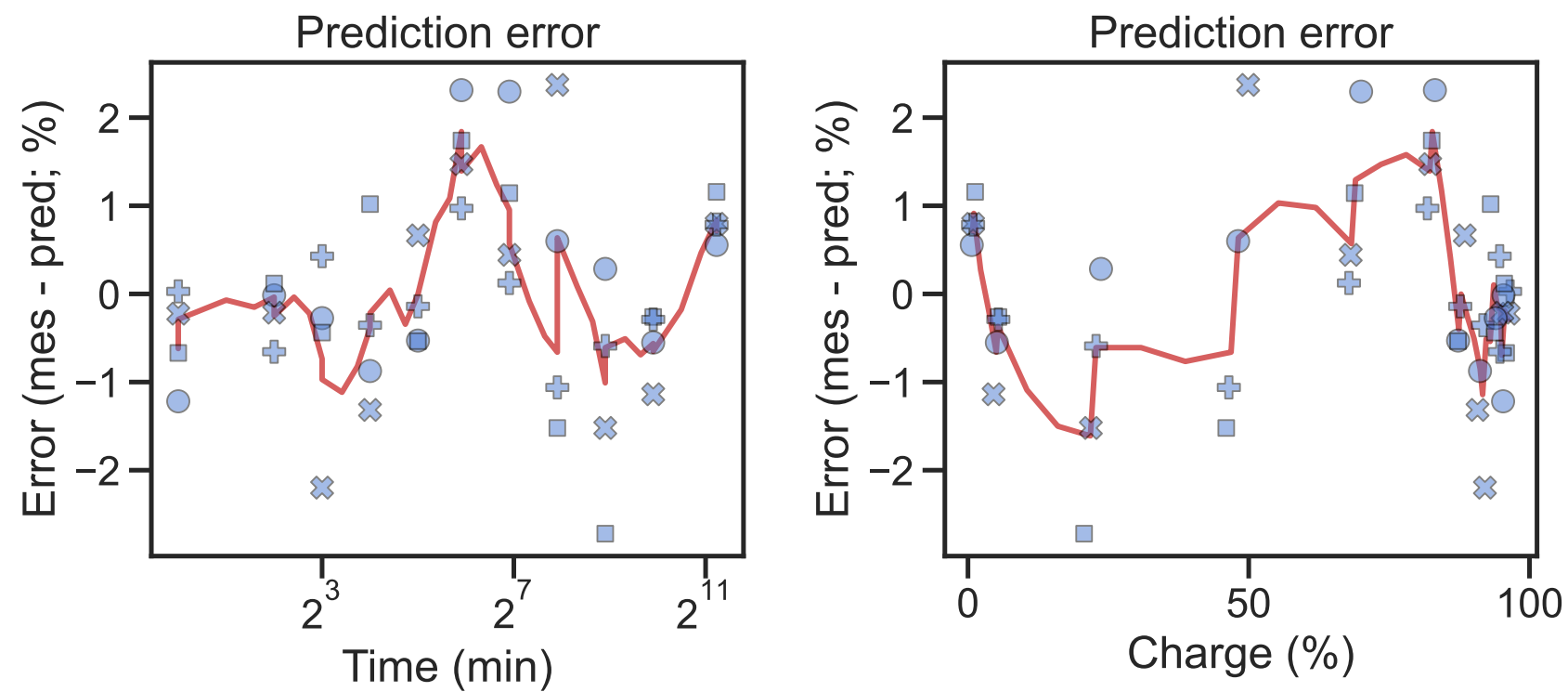
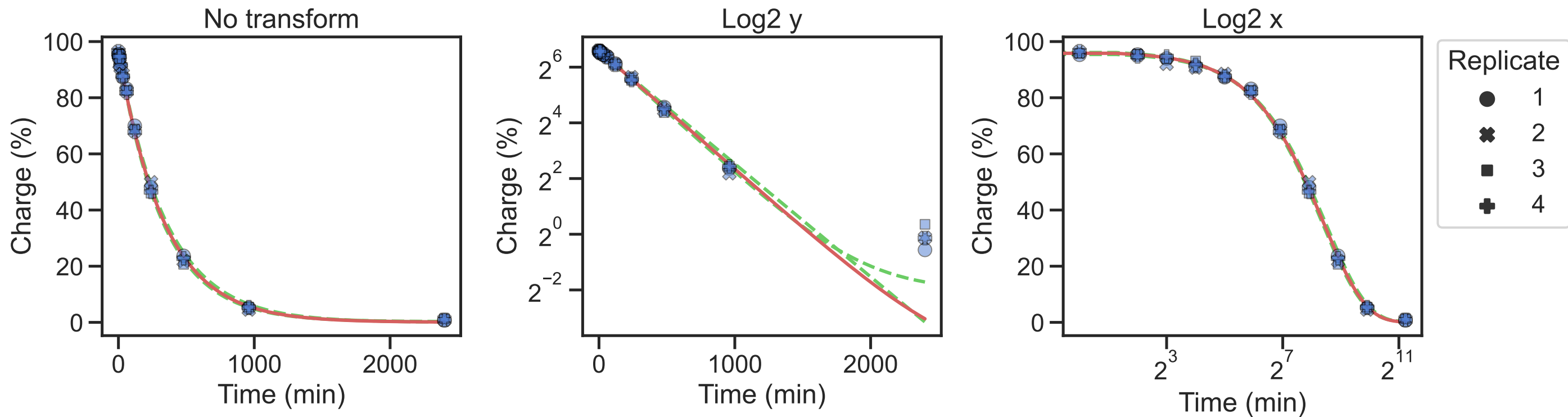
Arg-CCT-1-1 half-life=217 min, 95% CI (206; 229)



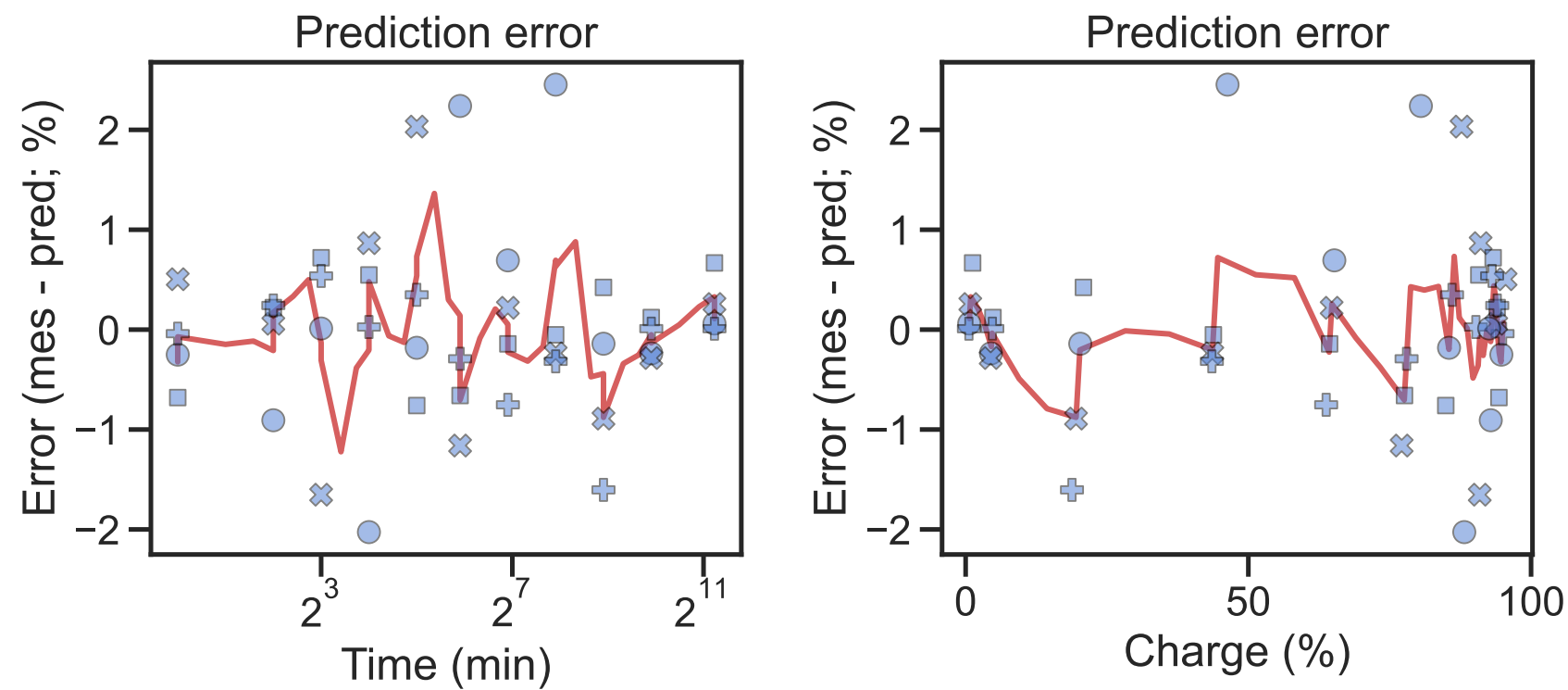
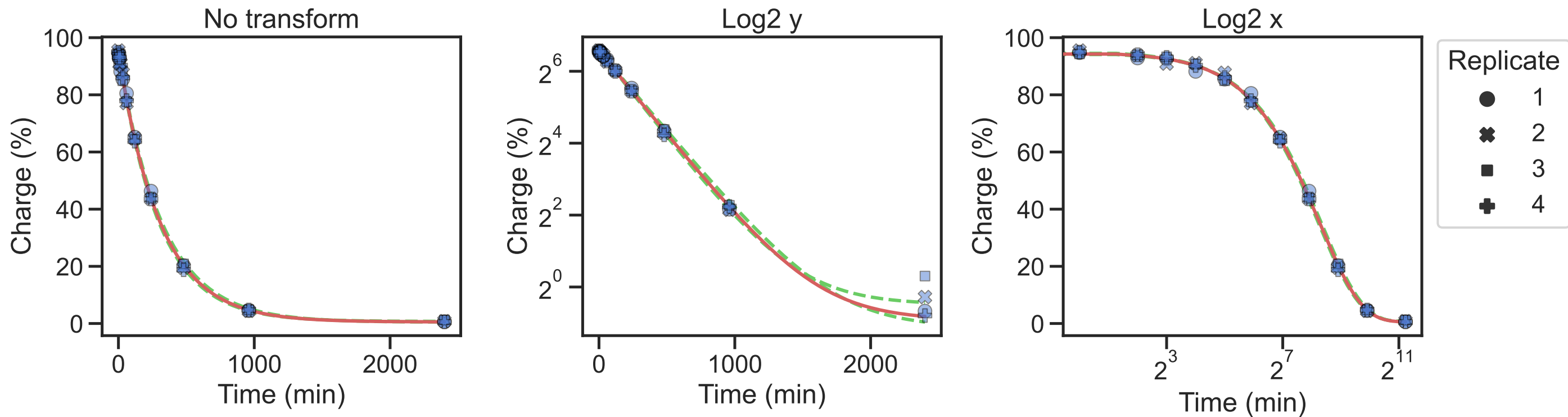
Arg-CCT-2-1 half-life=209min, 95% CI (201; 220)



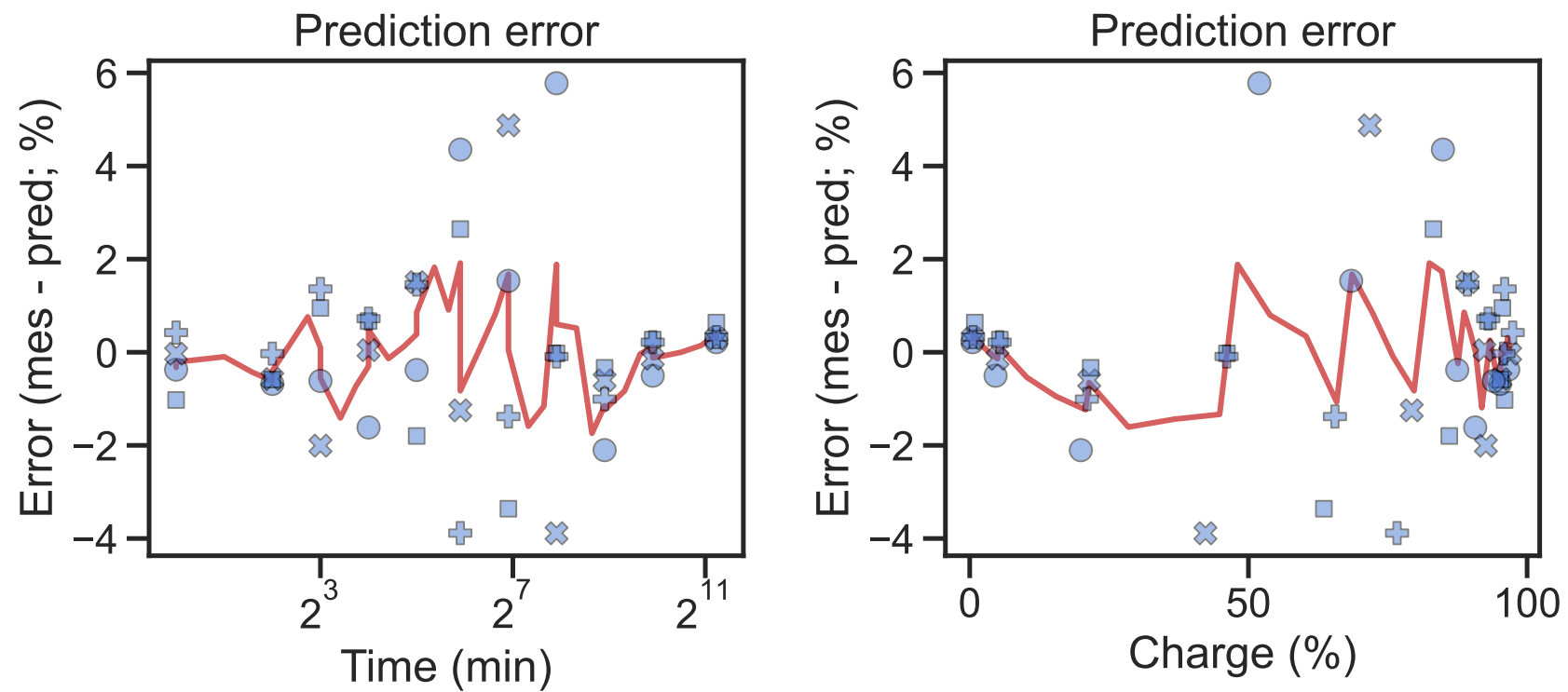
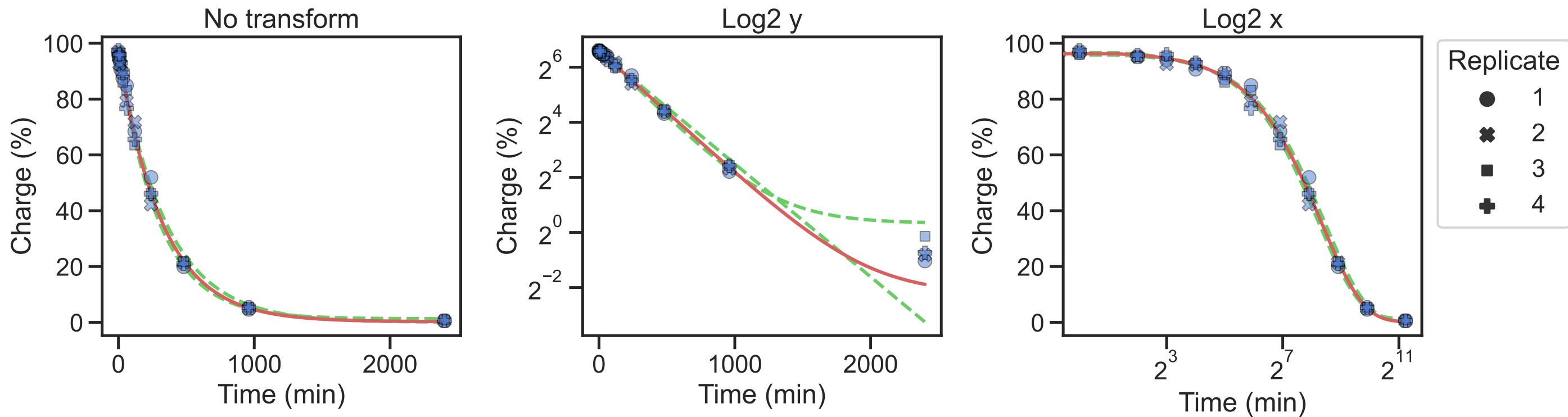
Arg-CCT-3-1 half-life=235min, 95% CI (226; 246)



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

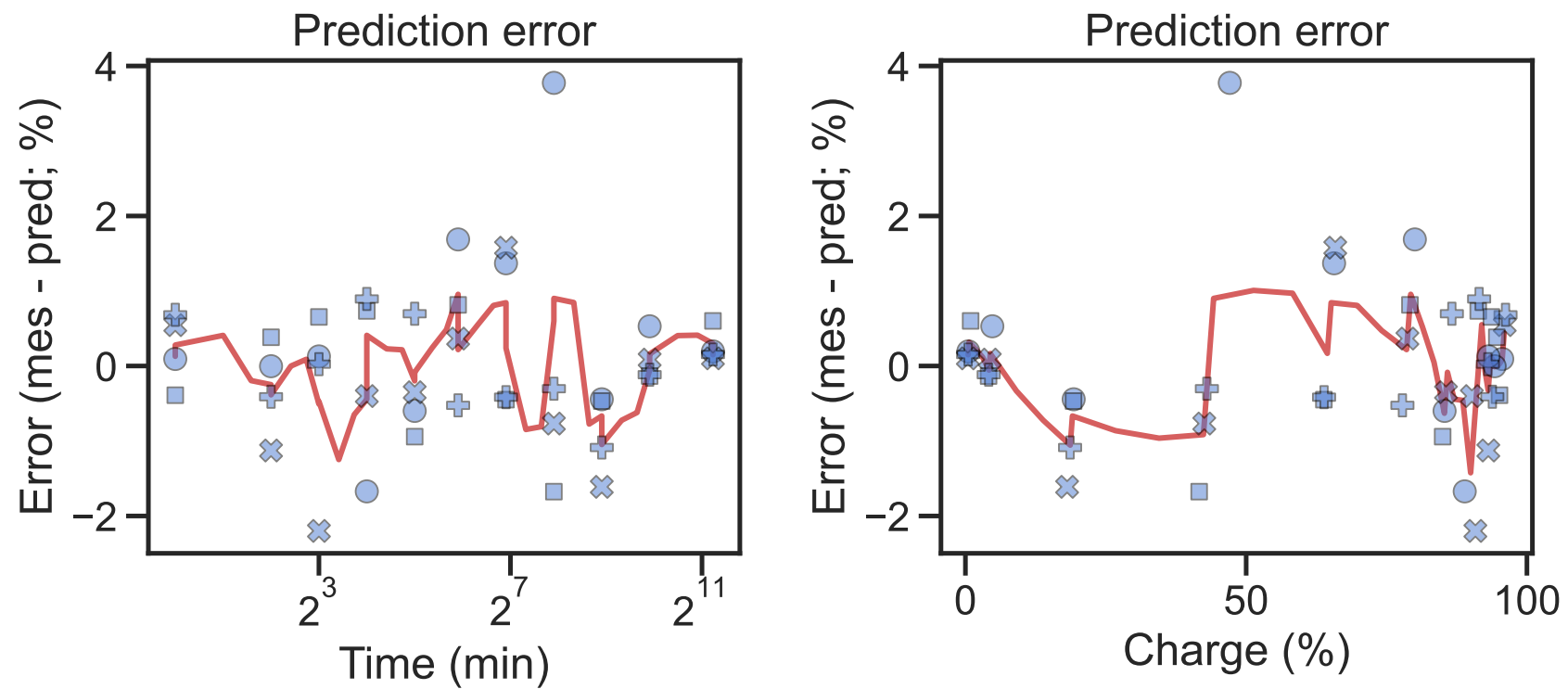
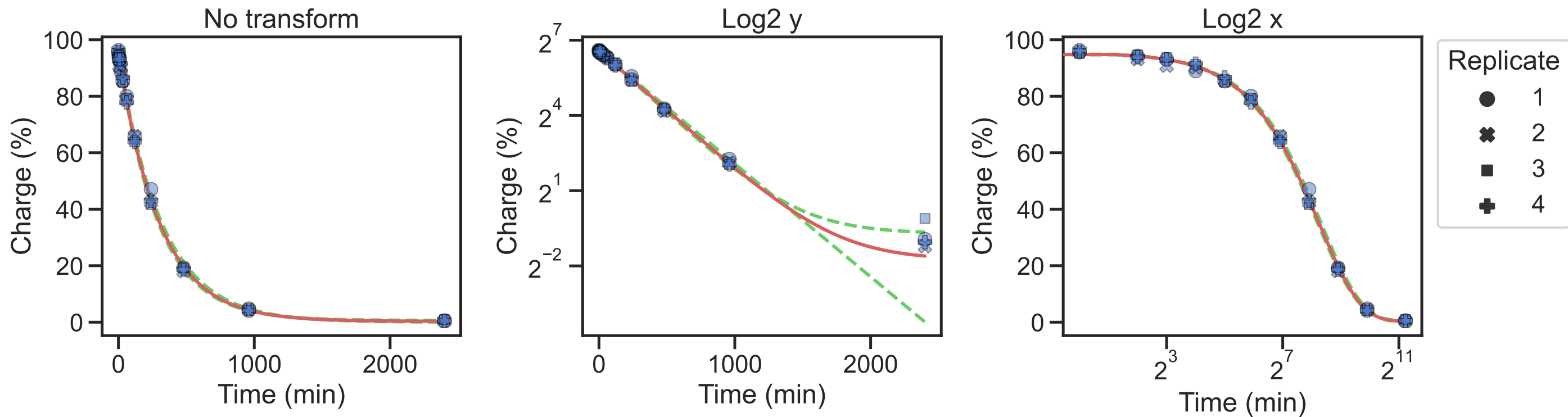


Arg-TCG-1-1 half-life=223min, 95% CI (204; 244)

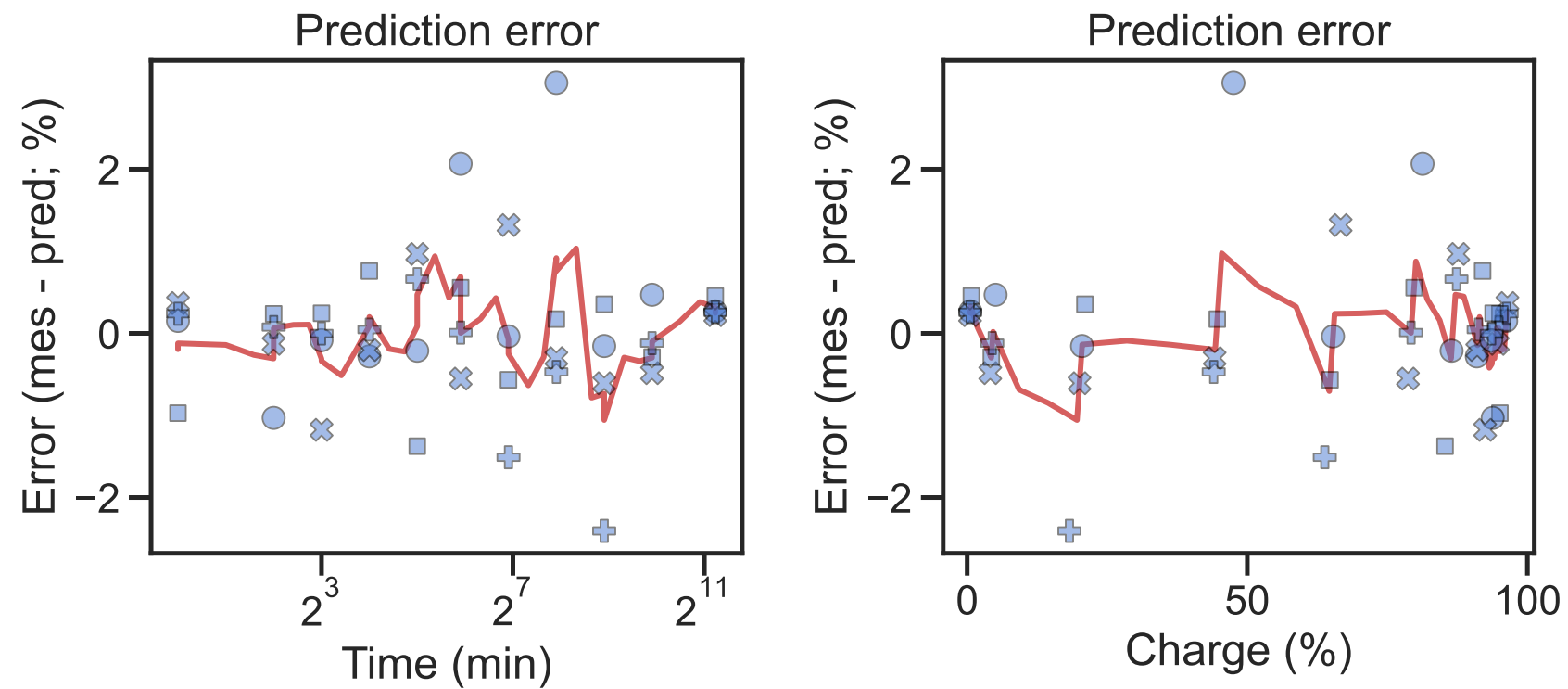
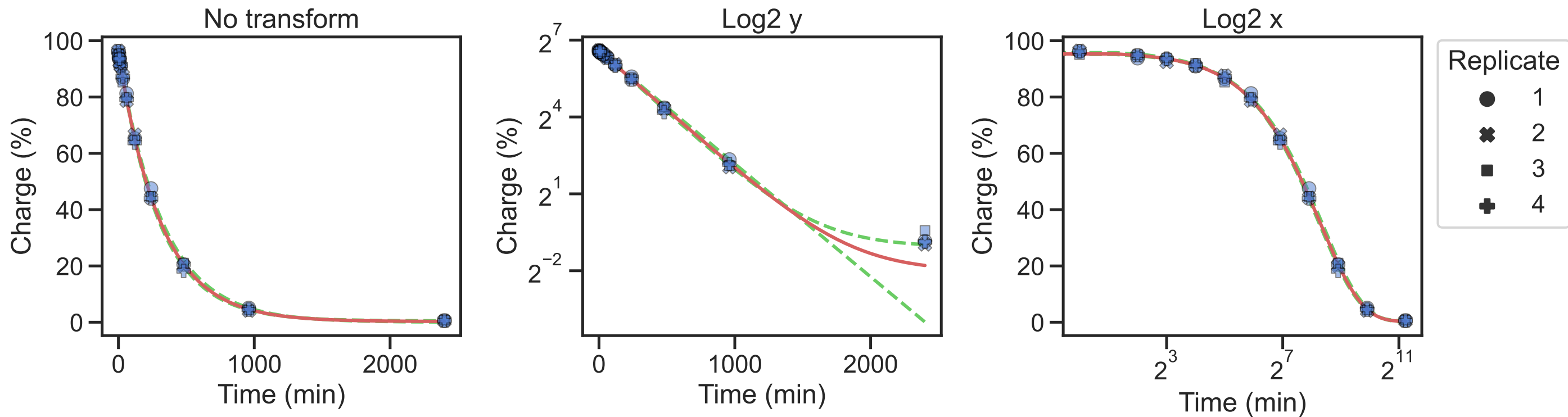




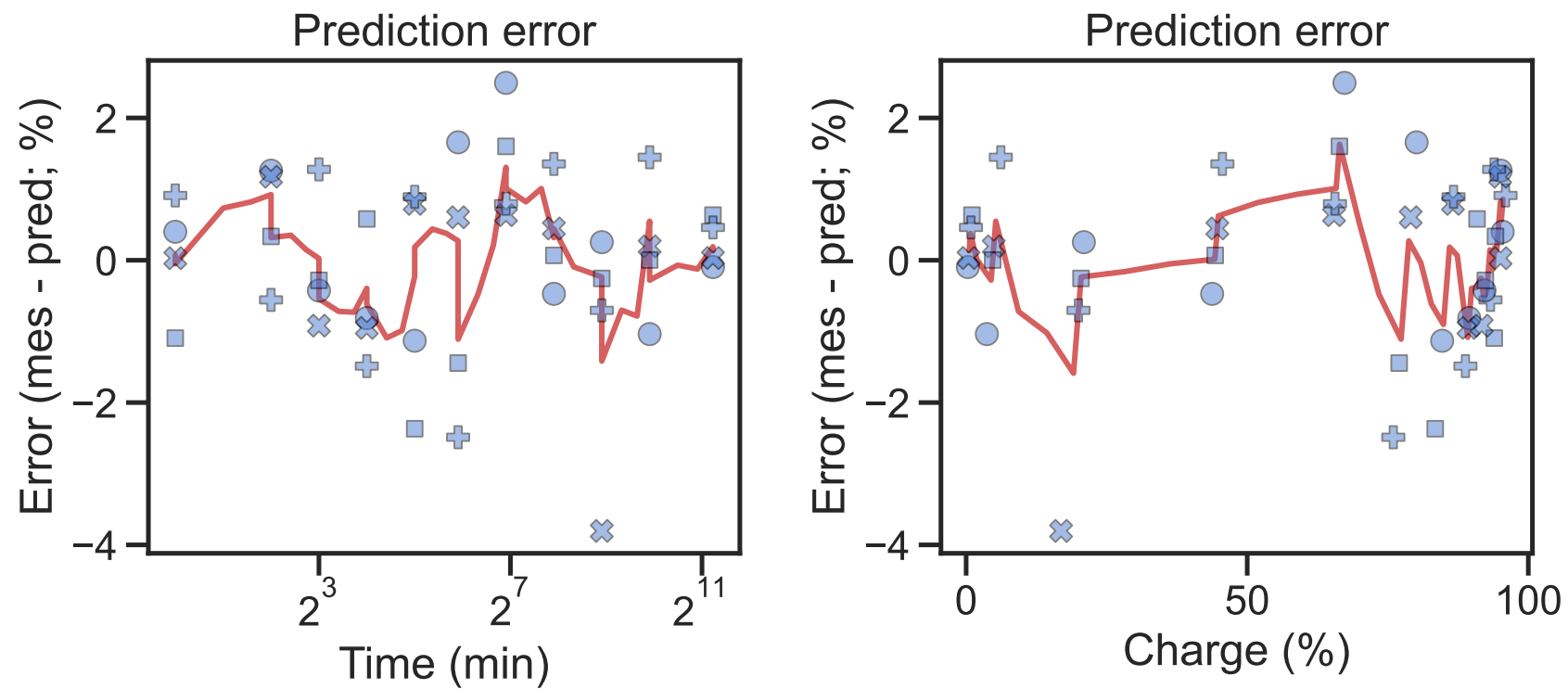
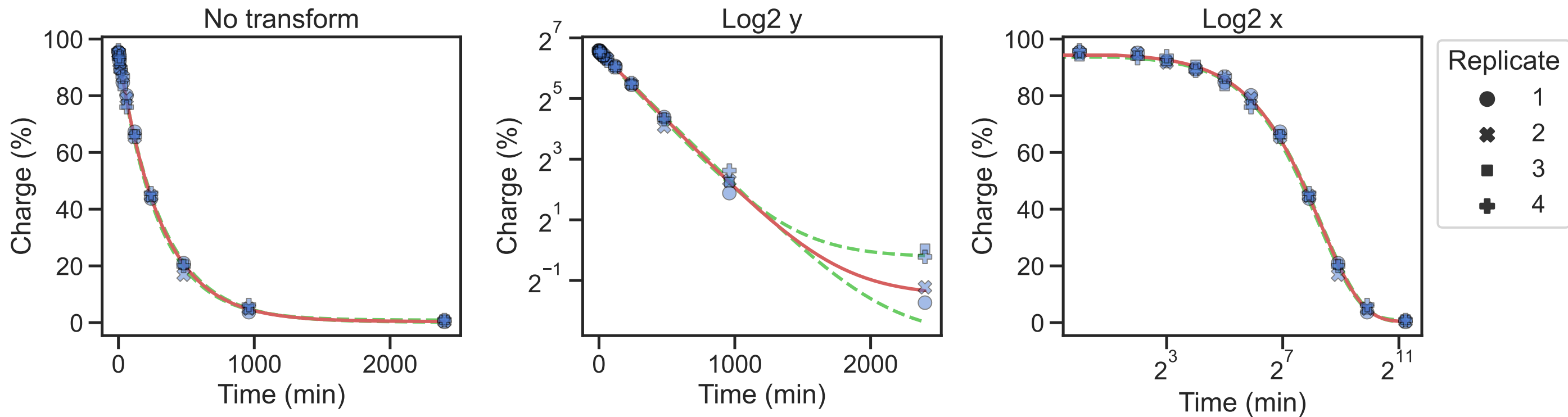
Arg-TCG-2-1 half-life=209 min, 95% CI (201; 222)



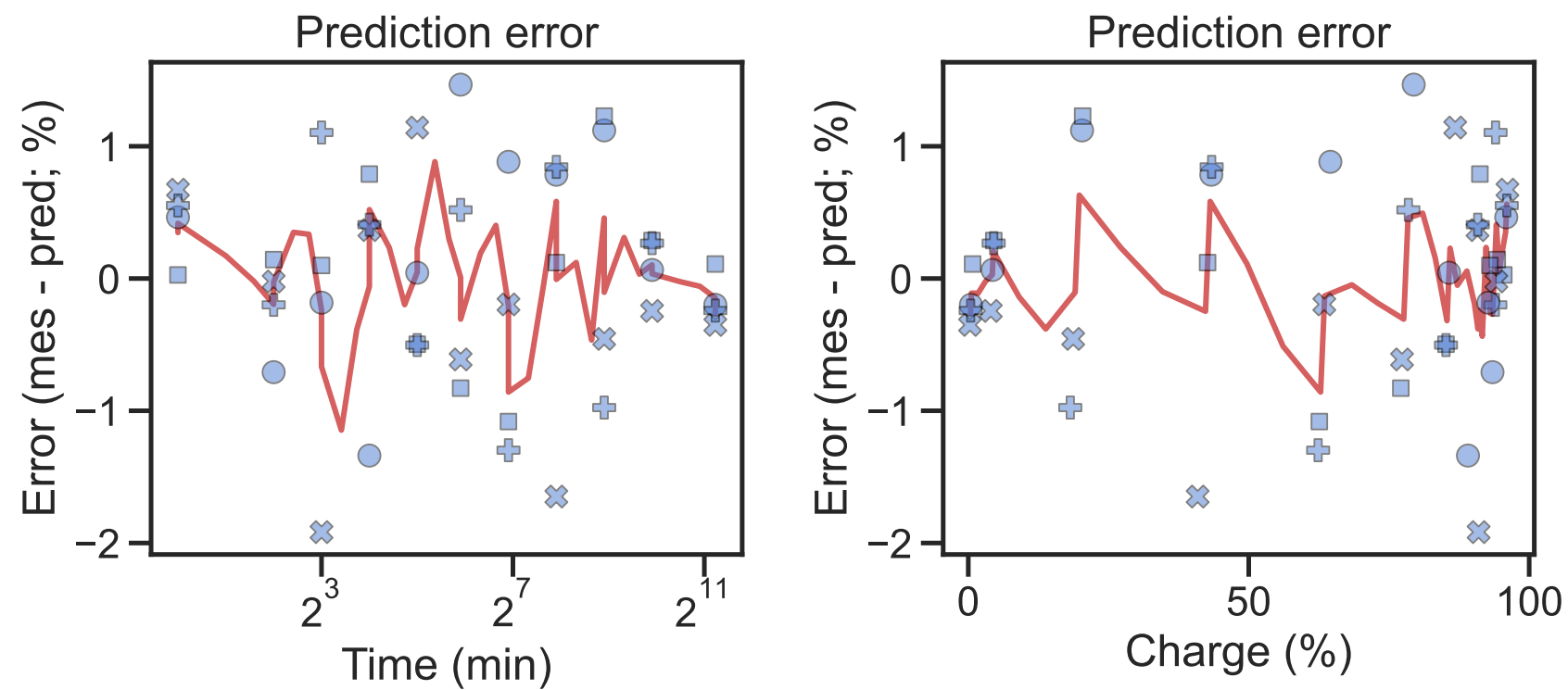
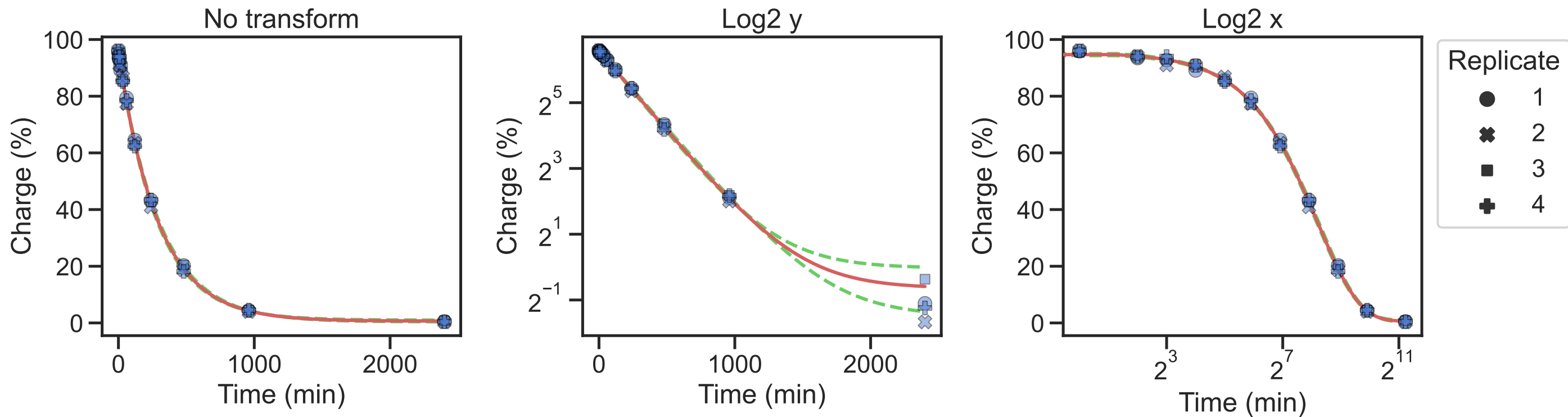
Arg-TCG-3-1 half-life=215 min, 95% CI (207; 227)



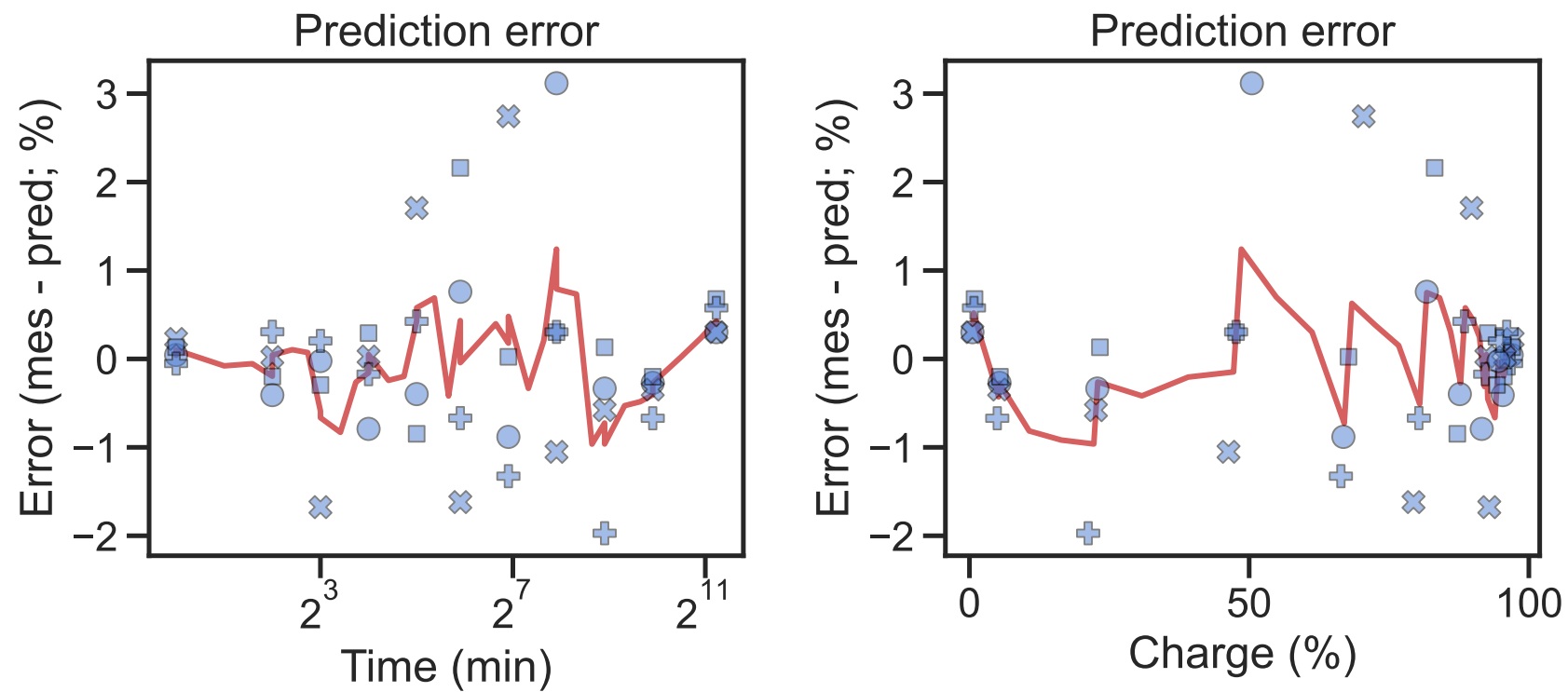
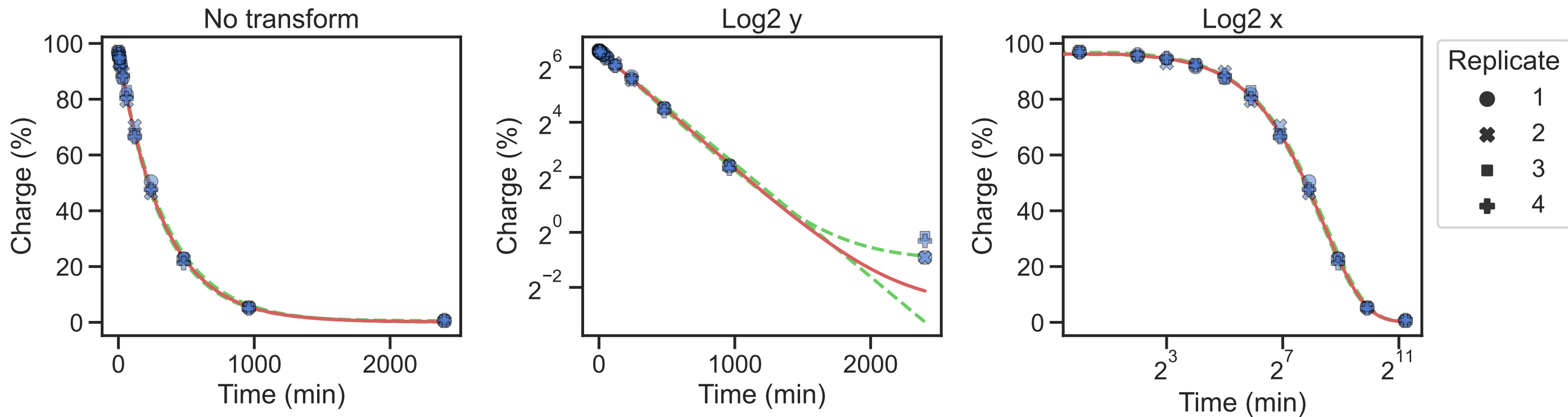
Arg-TCG-4-1 half-life=216 min, 95% CI (206; 224)



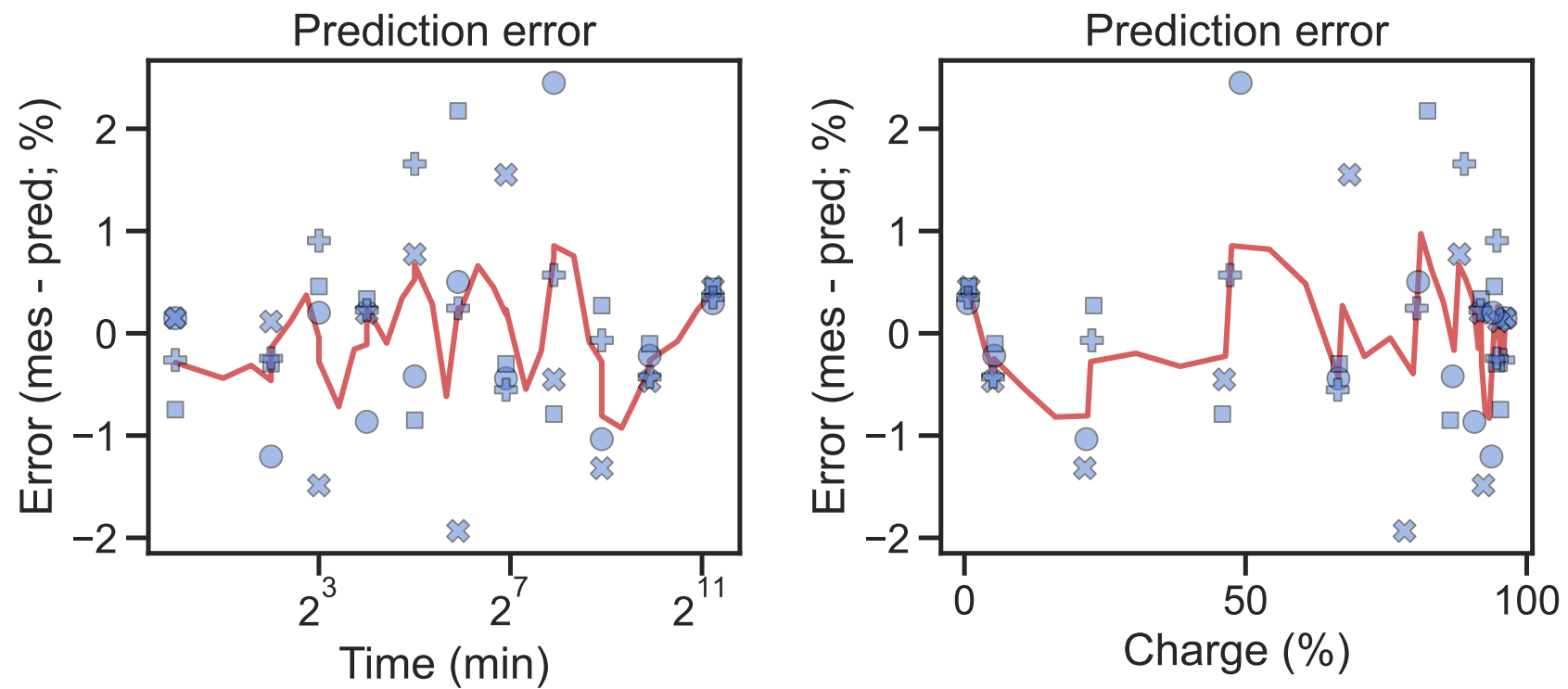
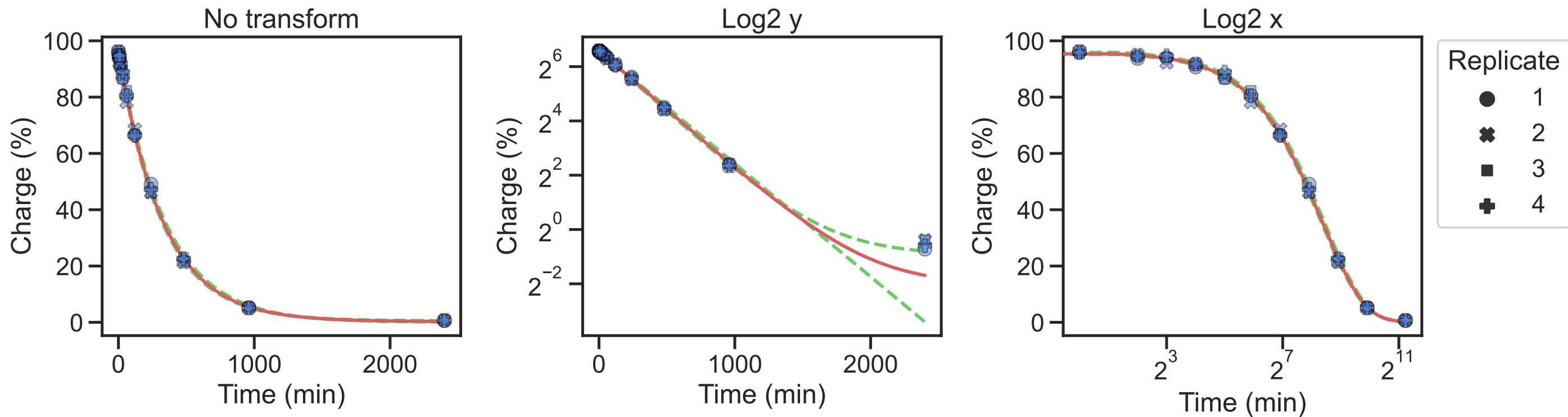
Arg-TCG-5-1 half-life=204 min, 95% CI (197; 211)



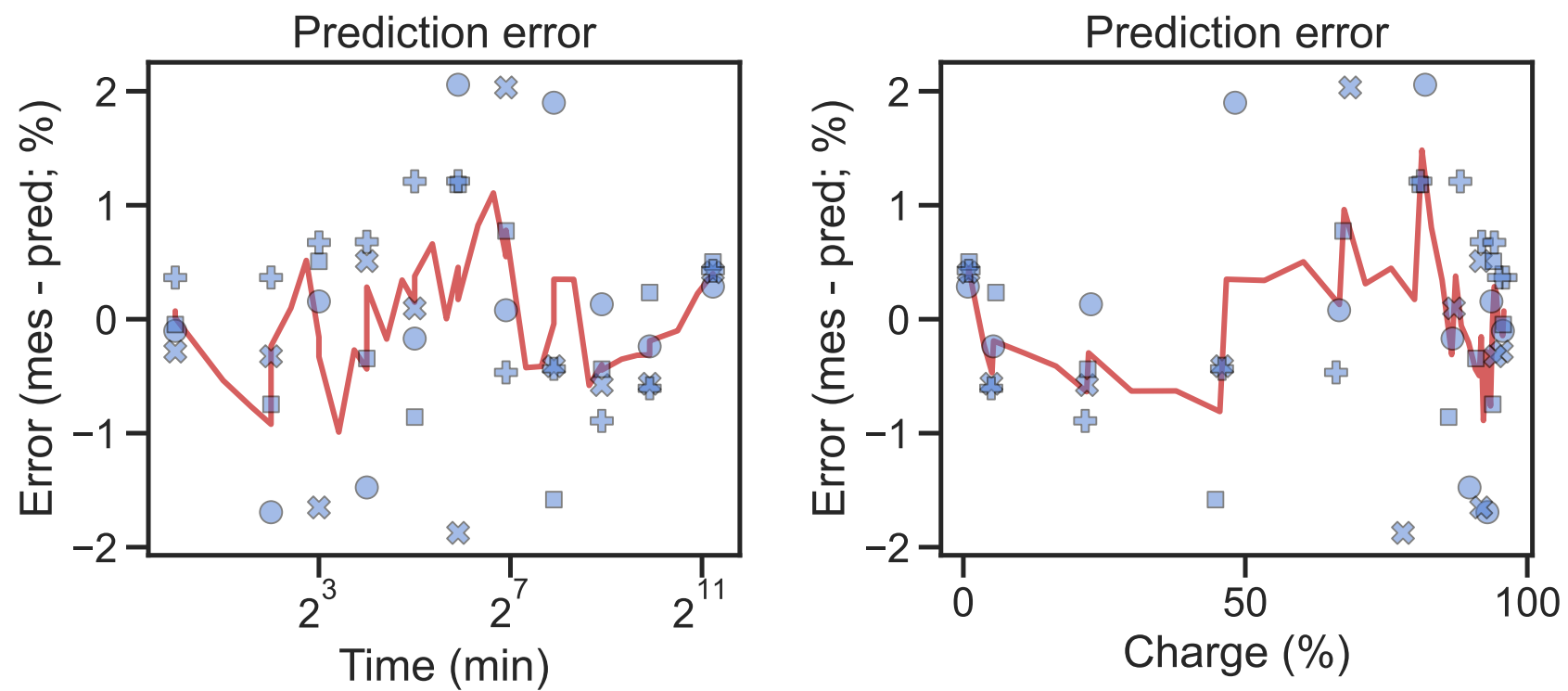
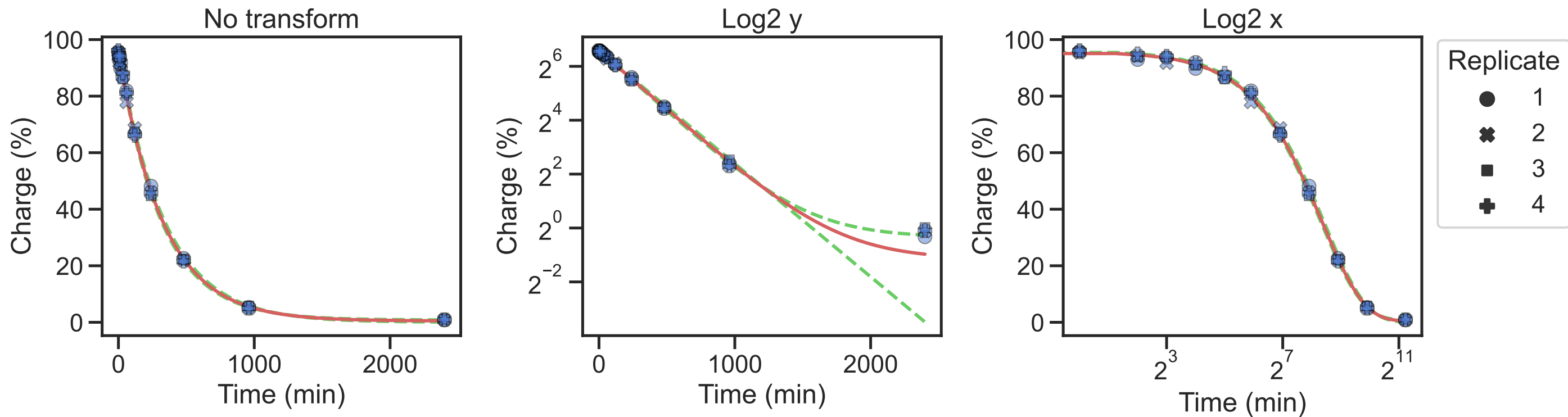
Arg-TCT-1-1 half-life=232 min, 95% CI (222; 244)



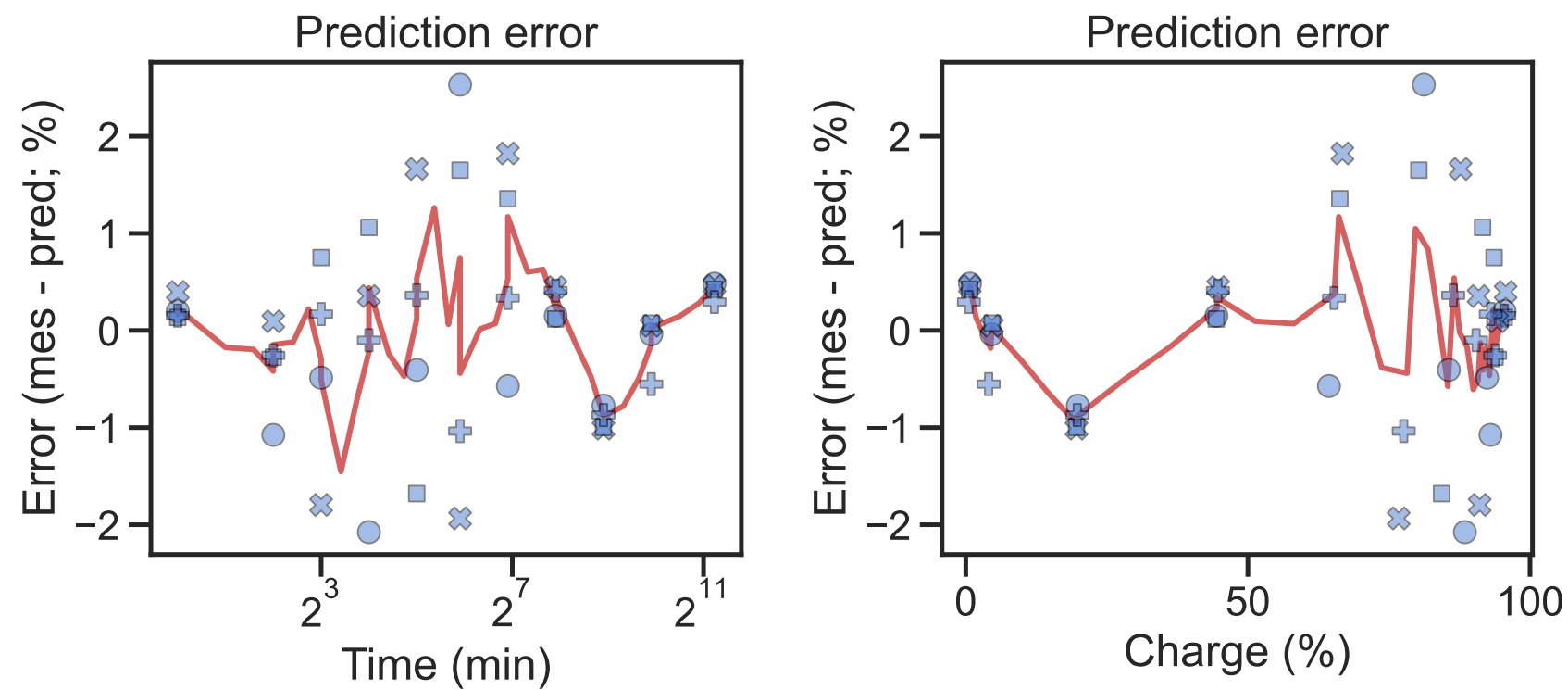
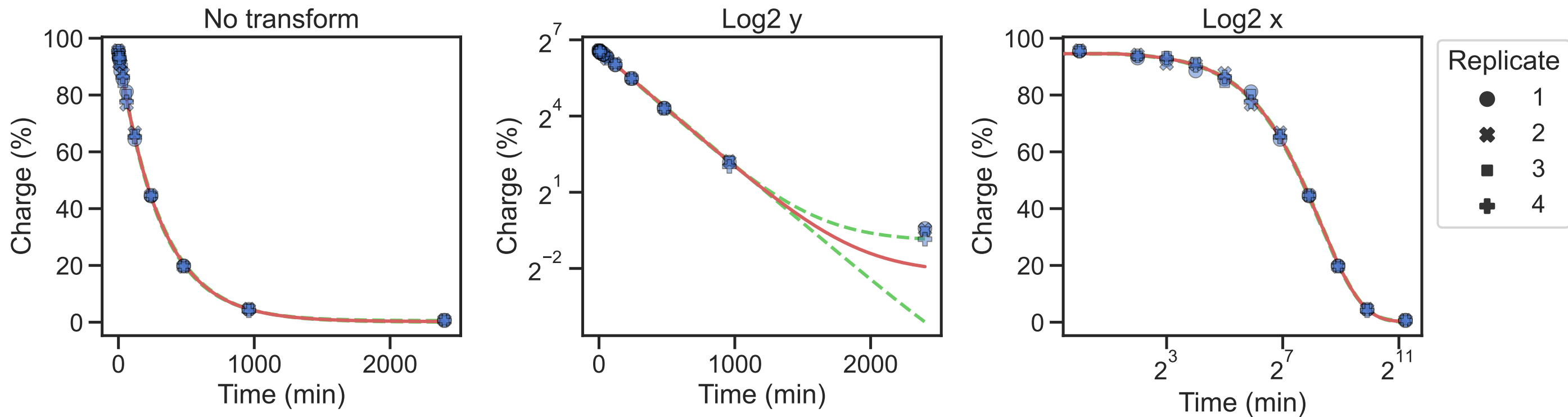
Arg-TCT-2-1 half-life=229 min, 95% CI (222; 240)



Arg-TCT-3-1 half-life=227 min, 95% CI (219; 238)

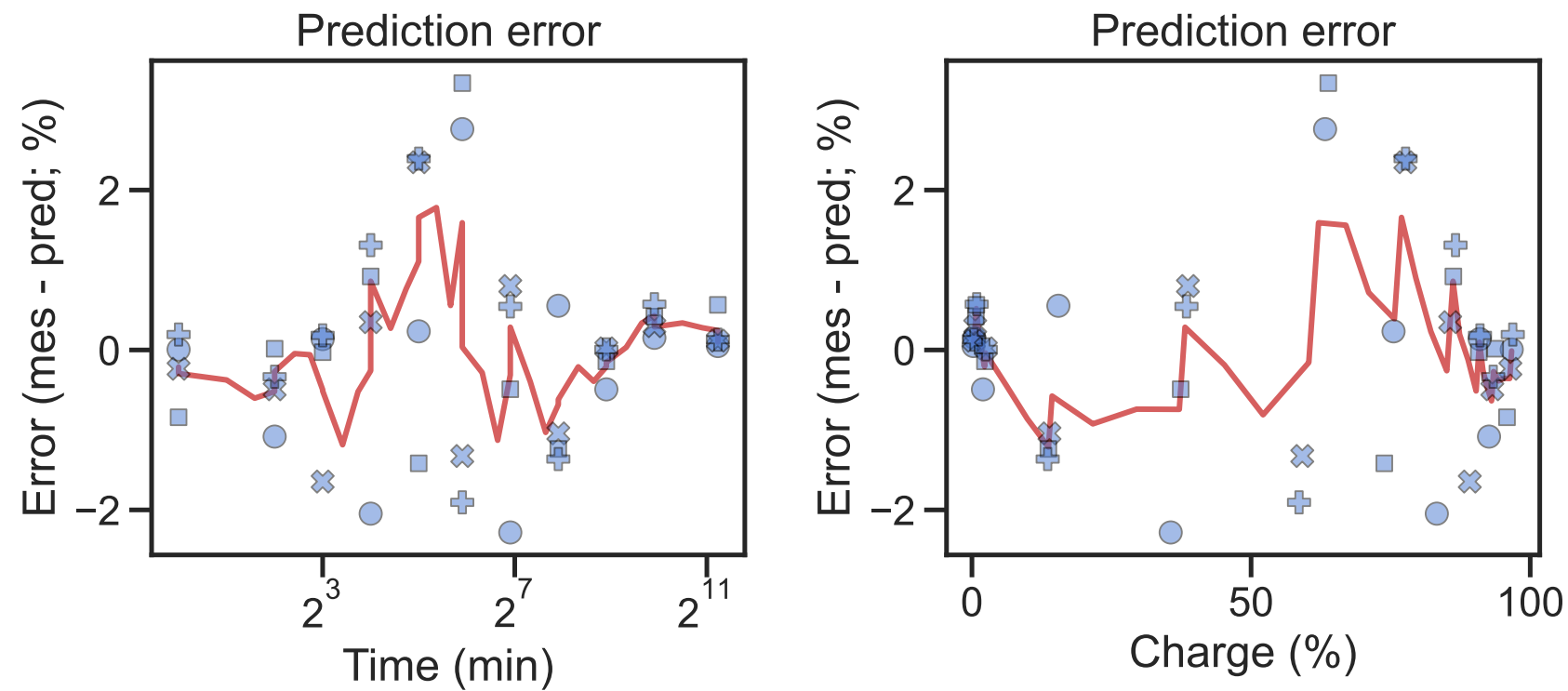
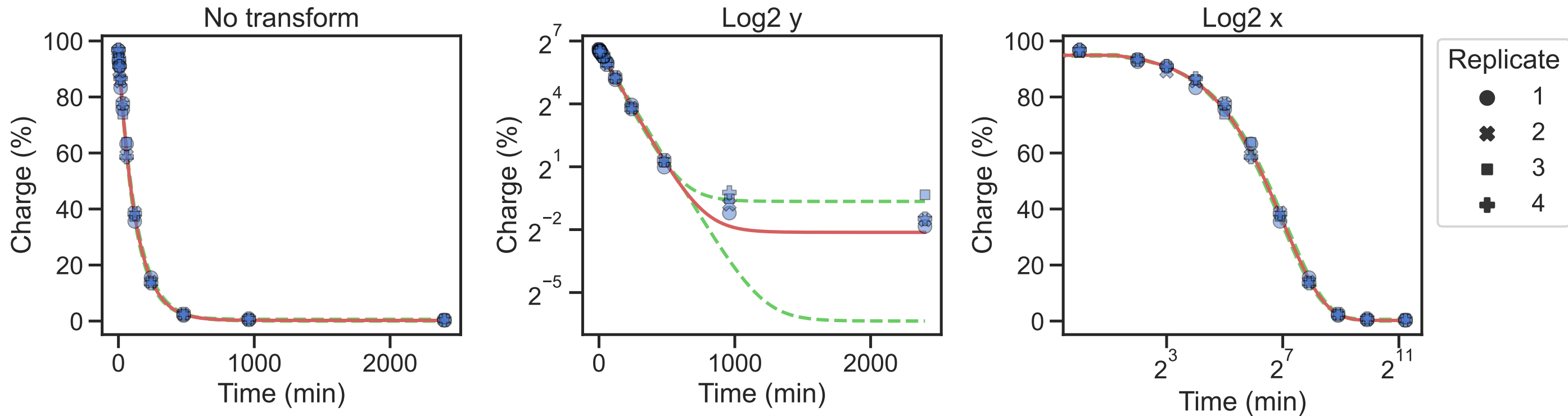


Arg-TCT-4-1 half-life=216 min, 95% CI (211; 221)

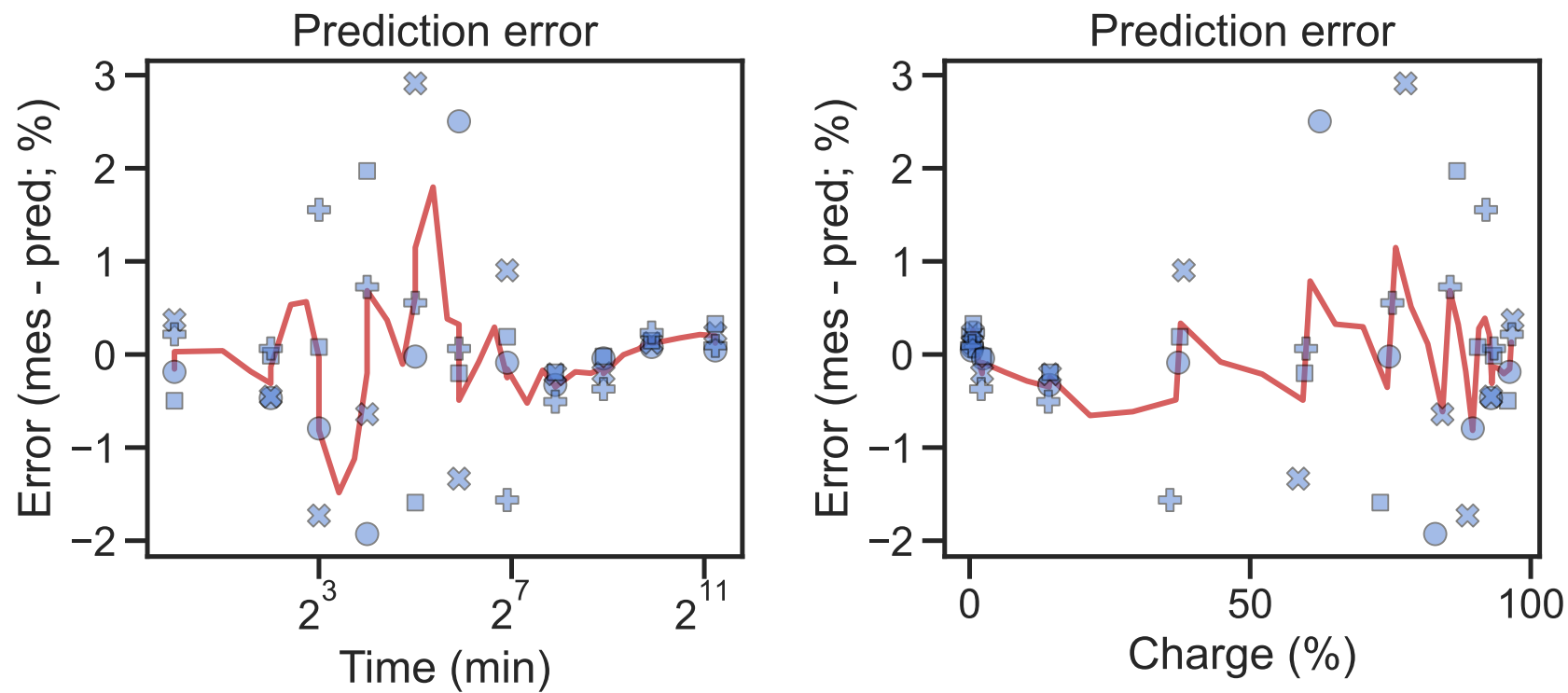
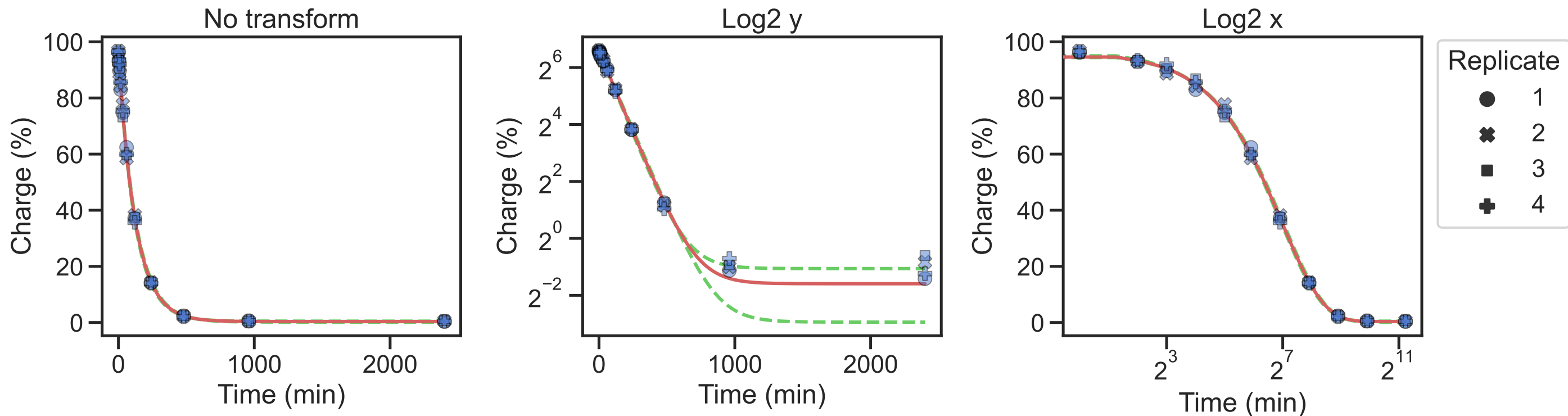




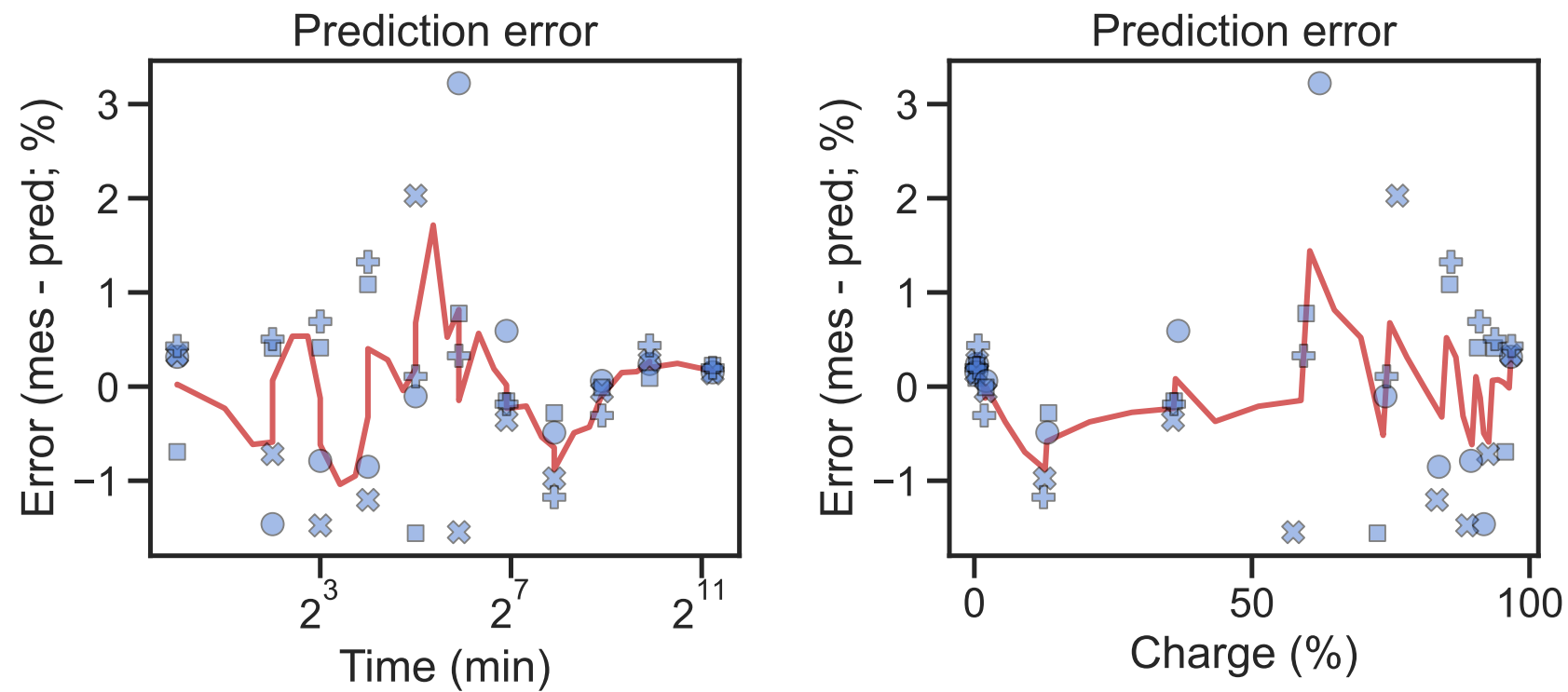
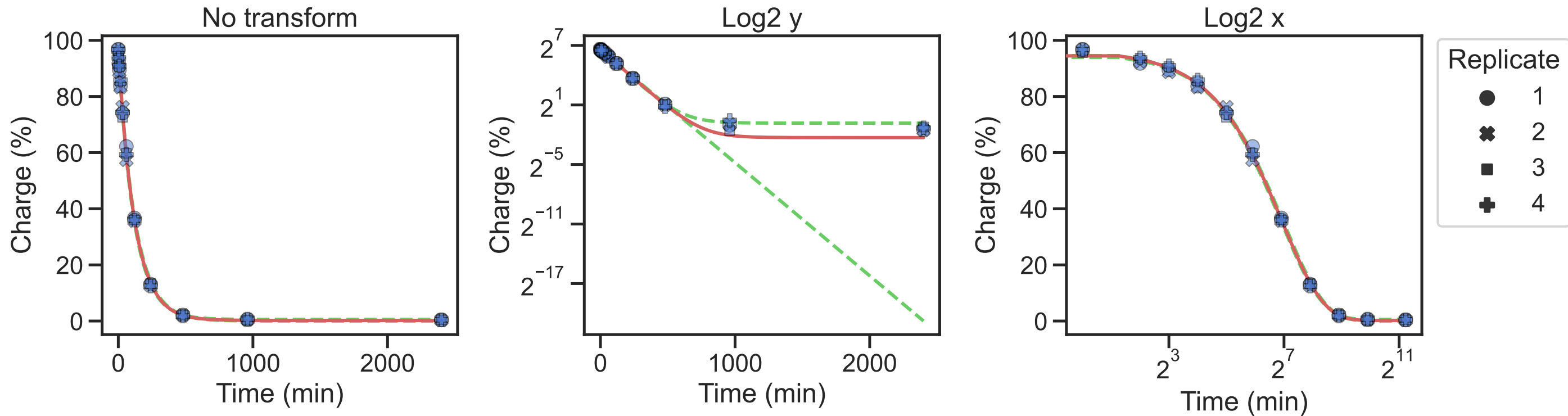
Asn-GTT-1-1 half-life=88 min, 95% CI (84; 94)



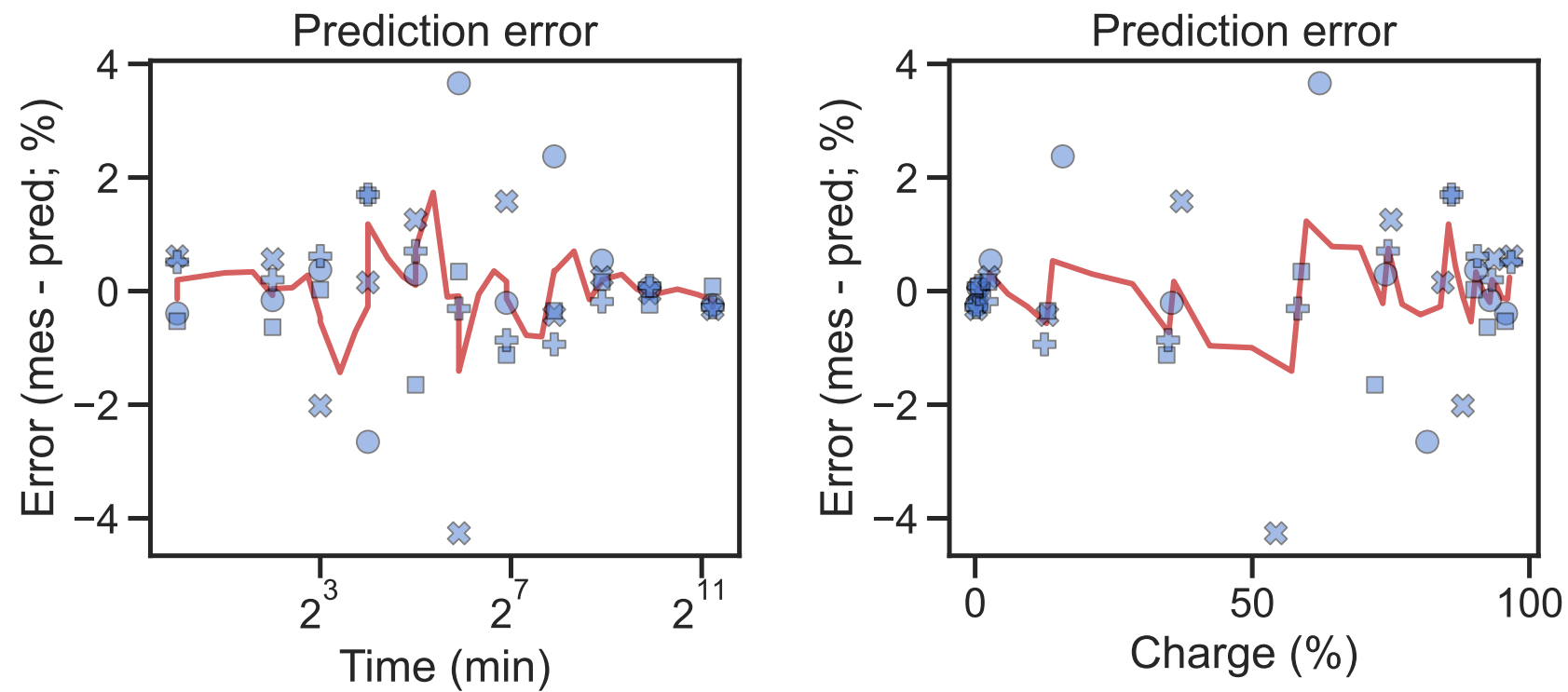
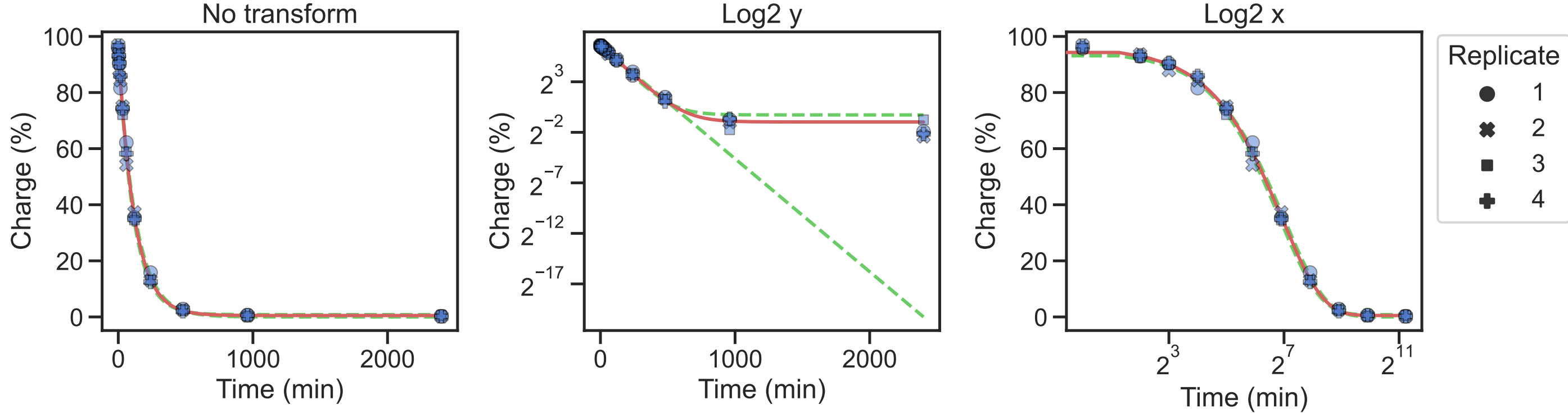
Asn-GTT-2-1 half-life=87 min, 95% CI (84; 90)

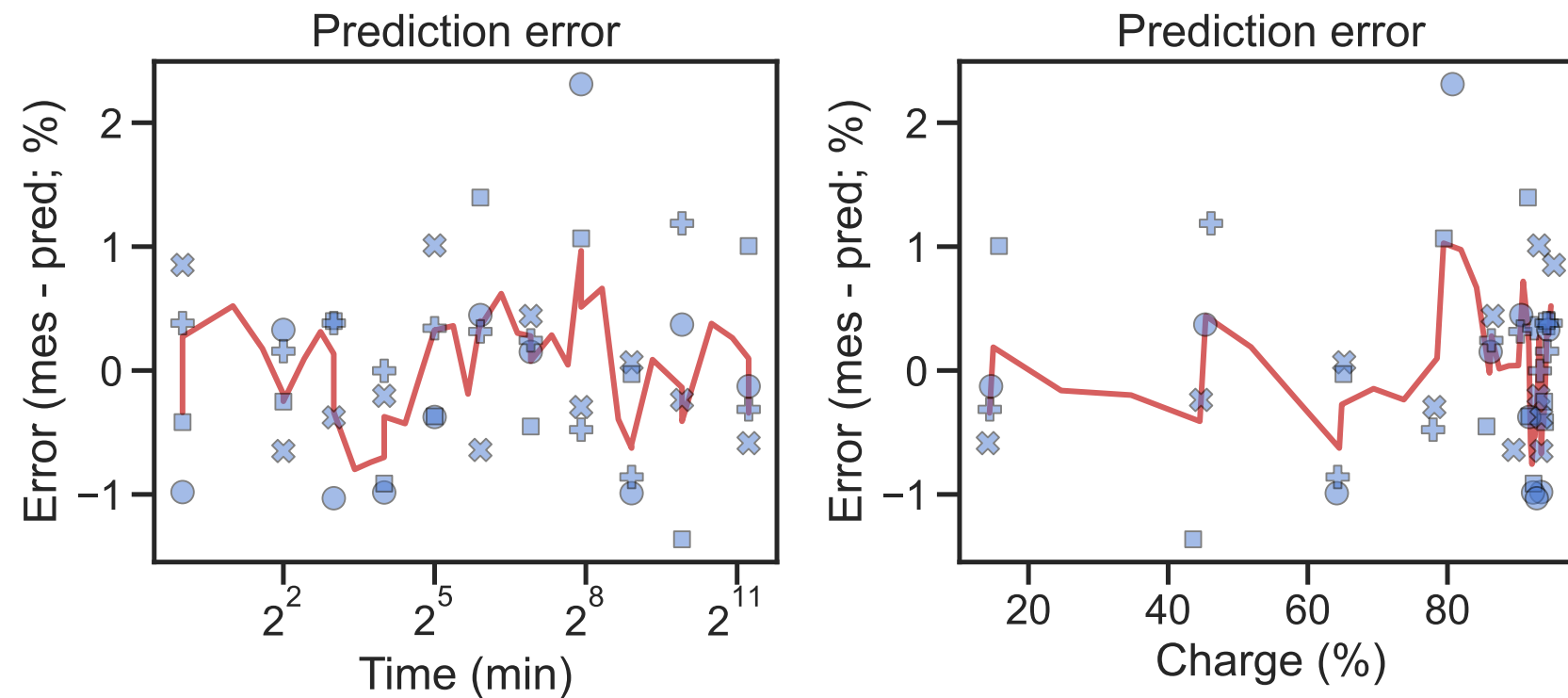
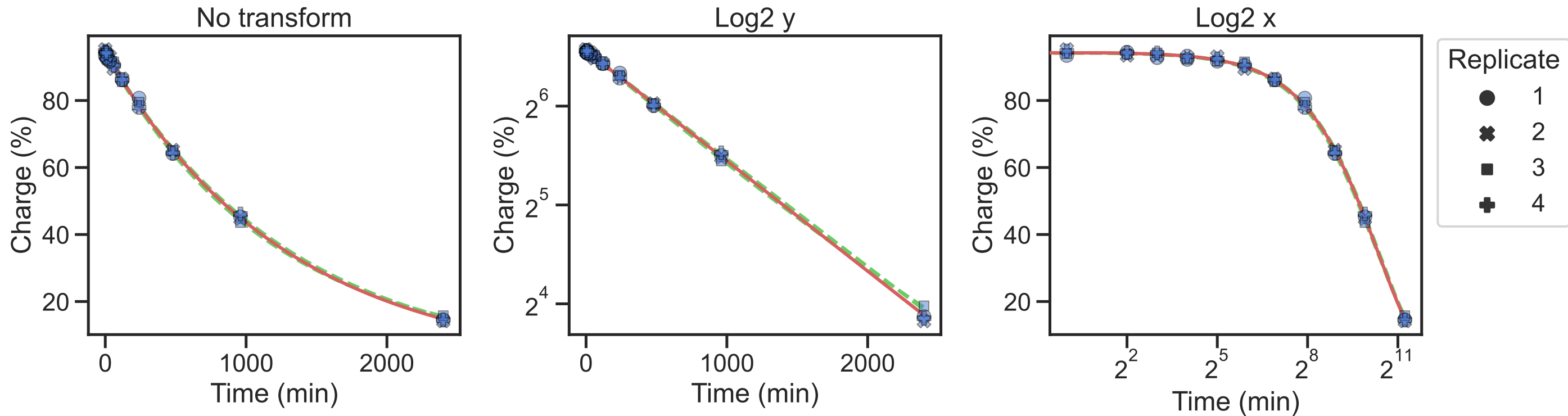


Asn-GTT-3-1 half-life=85 min, 95% CI (82; 88)

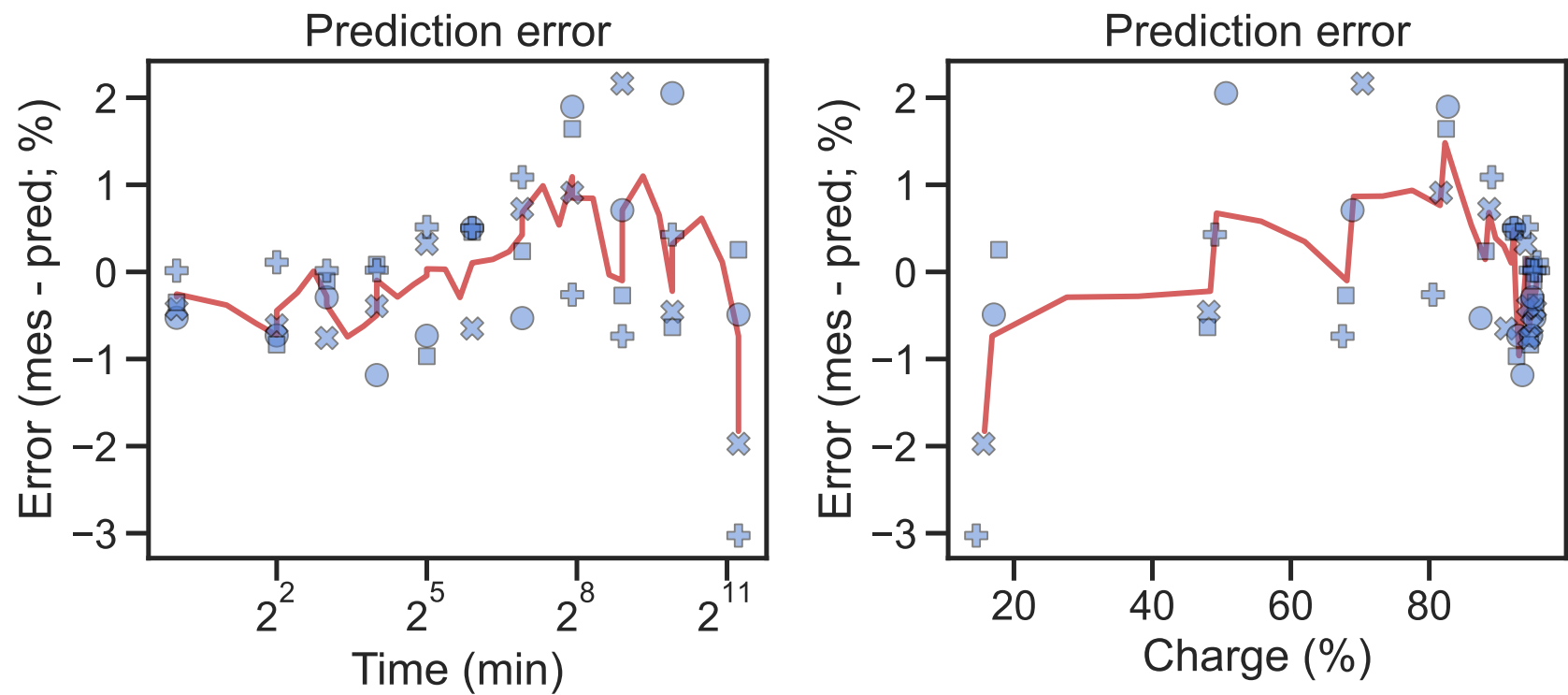
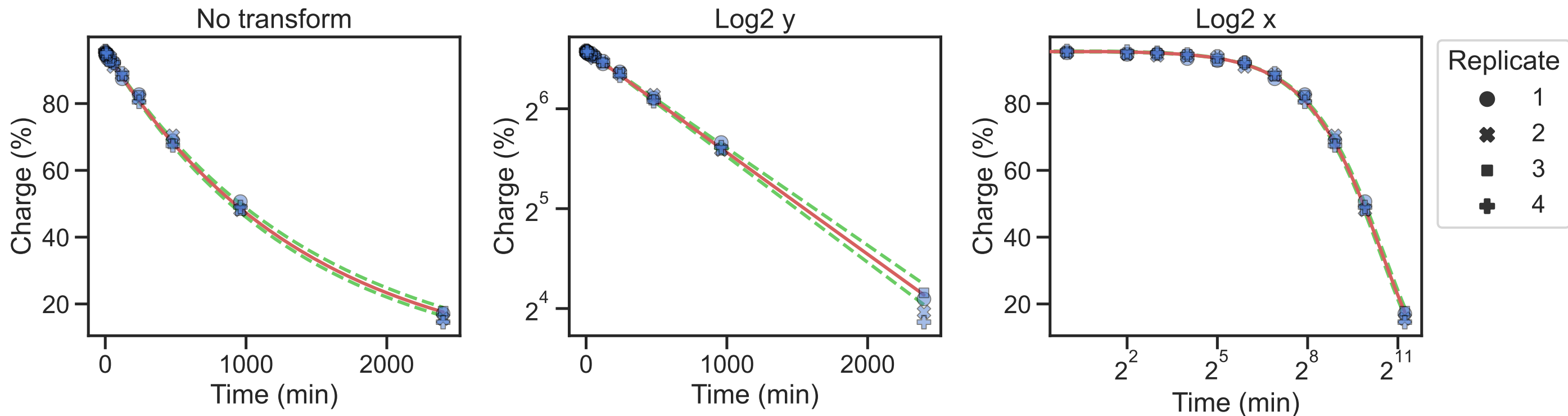


Asn-GTT-5-1 half-life=83 min, 95% CI (78; 89)

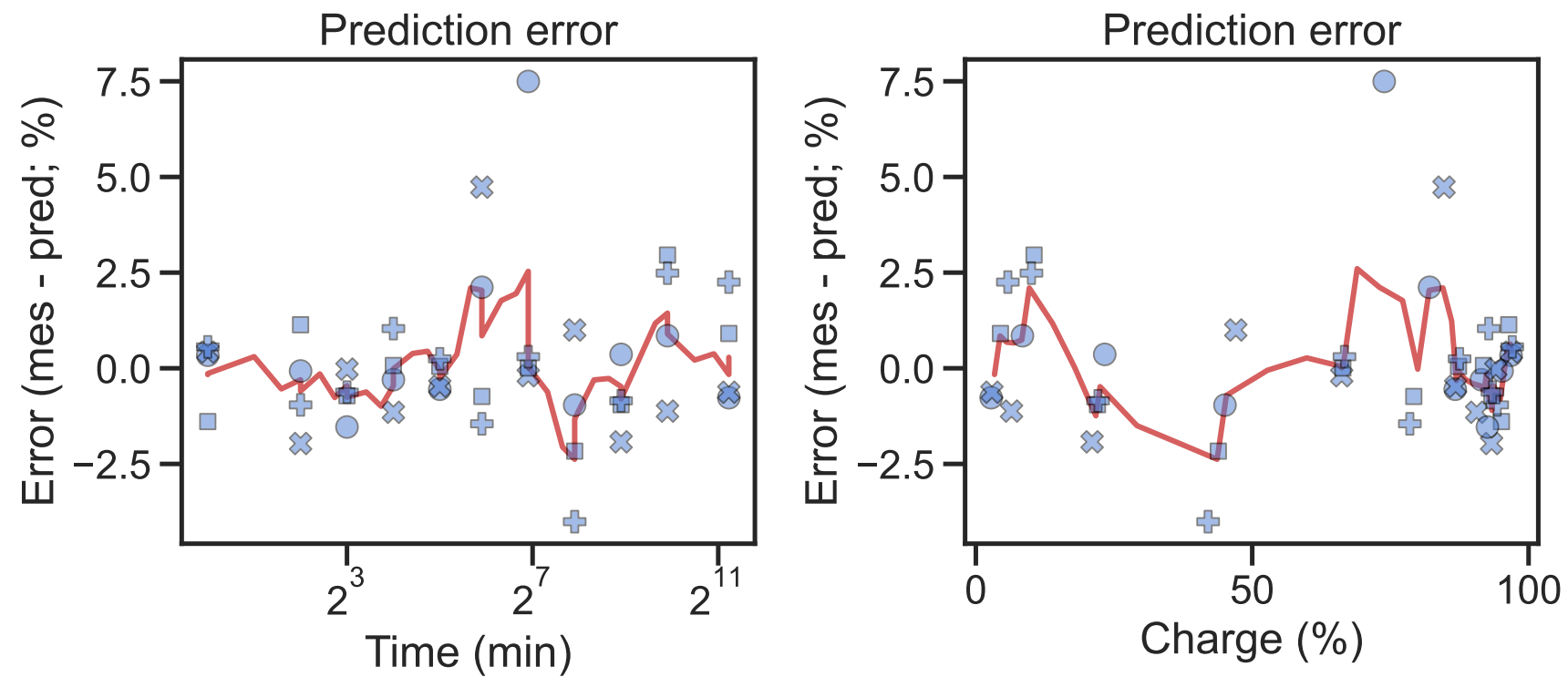
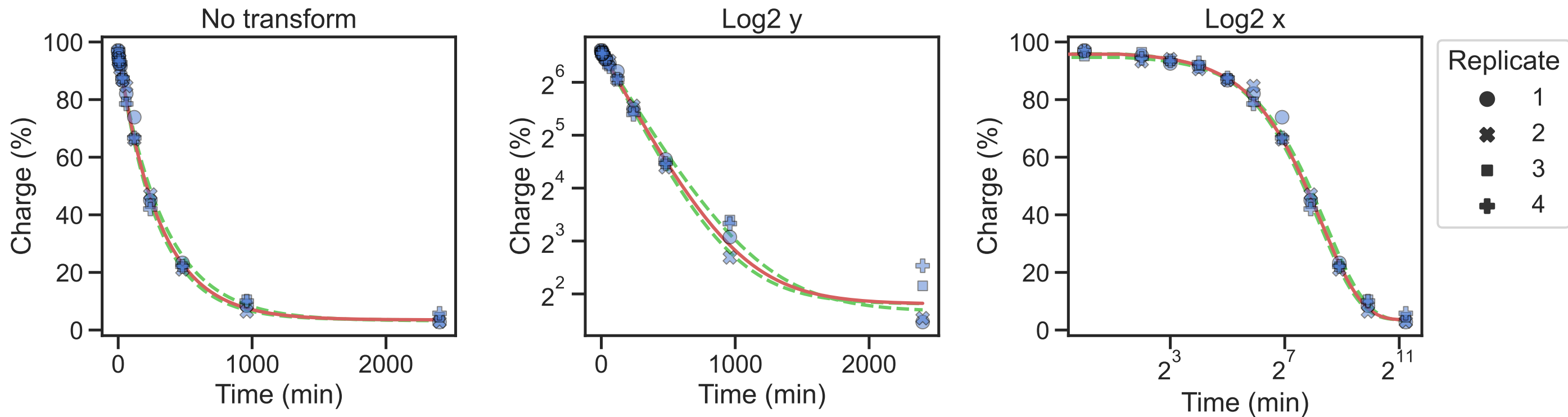




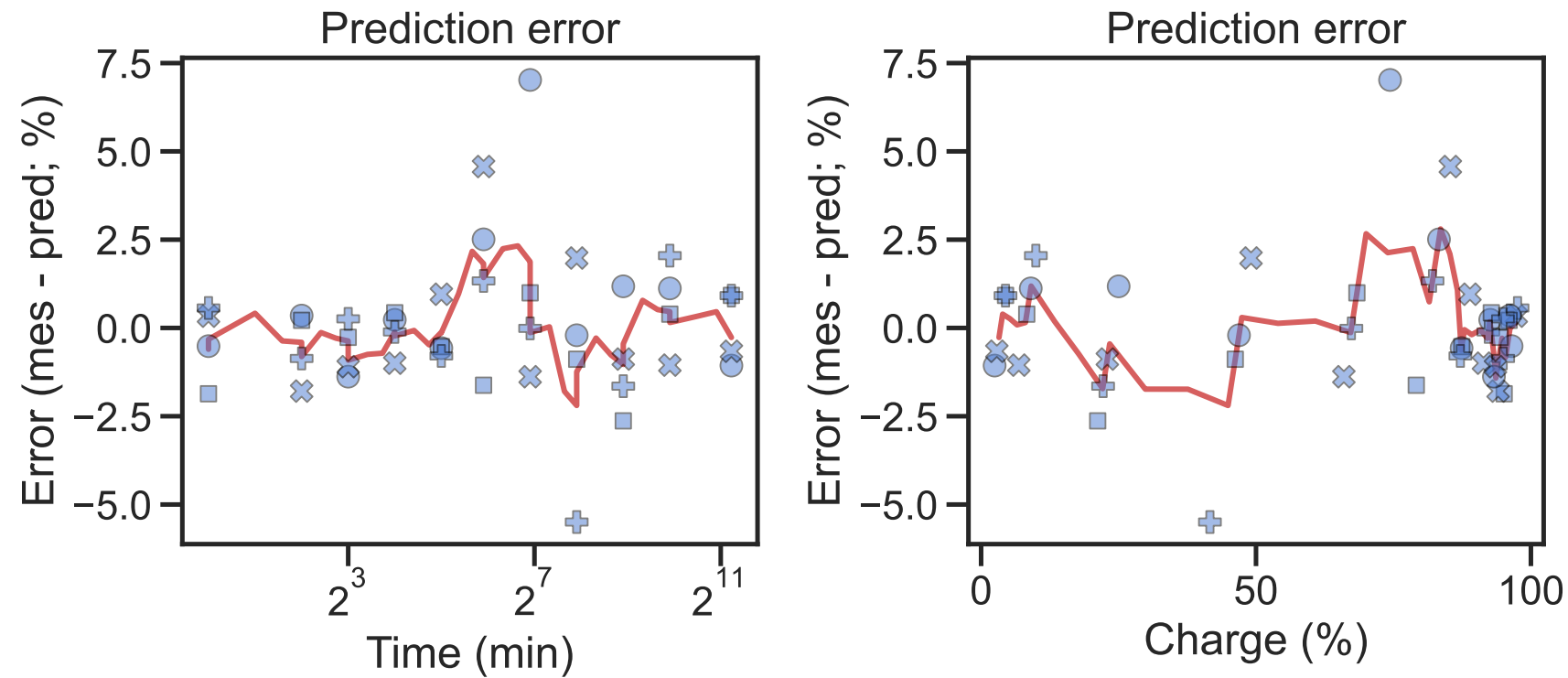
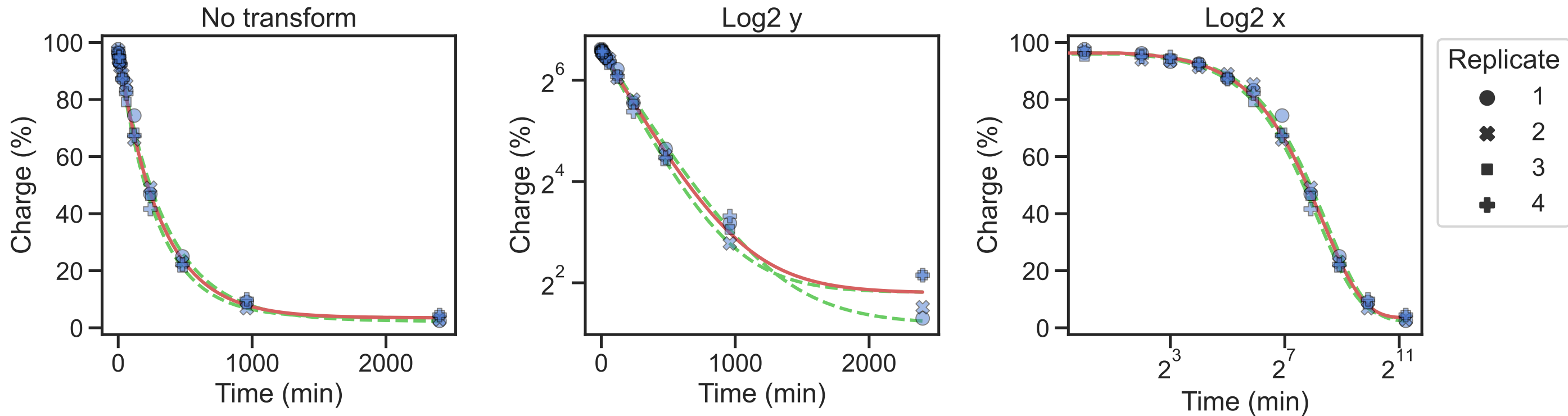
Asp-GTC-2-1 half-life=982 min, 95% CI (943; 1028)



Cys-GCA-11-1 half-life=213min, 95% CI (201; 237)

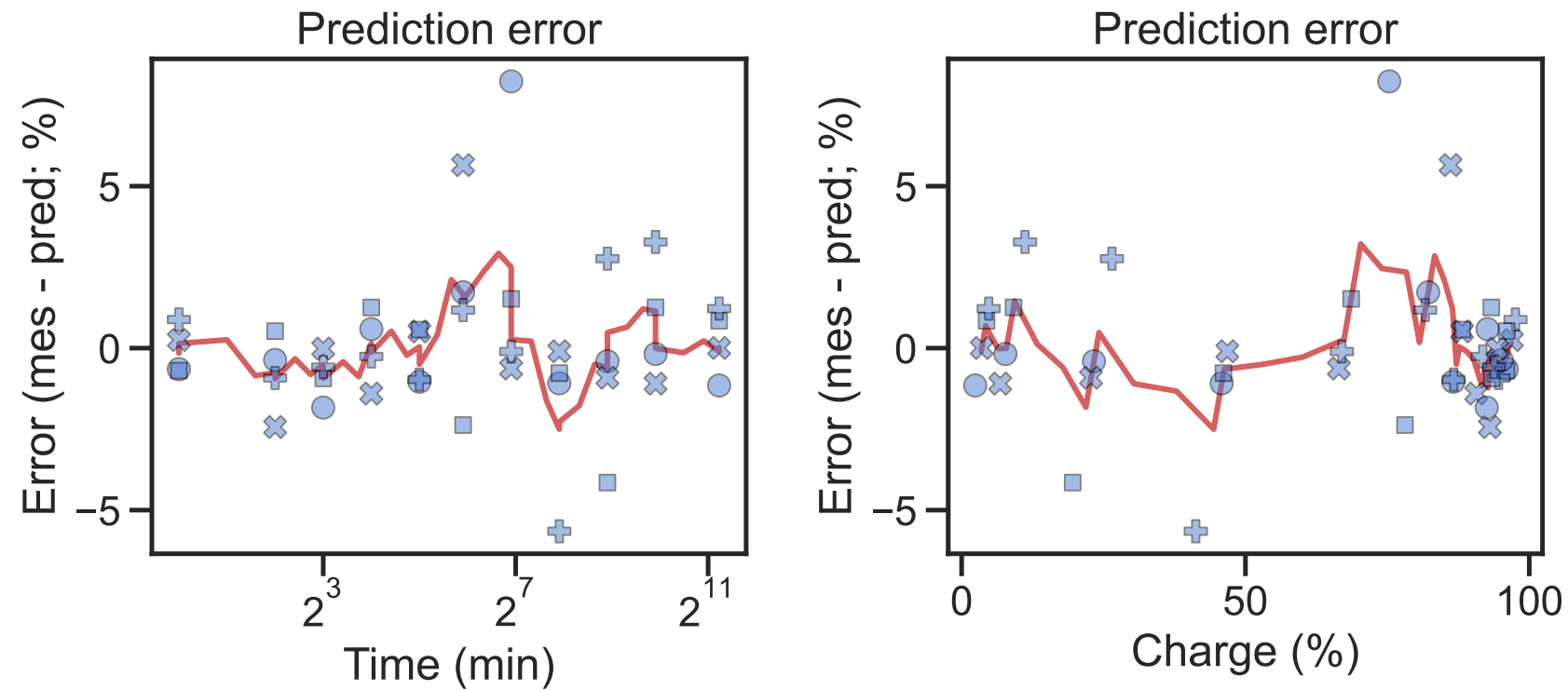
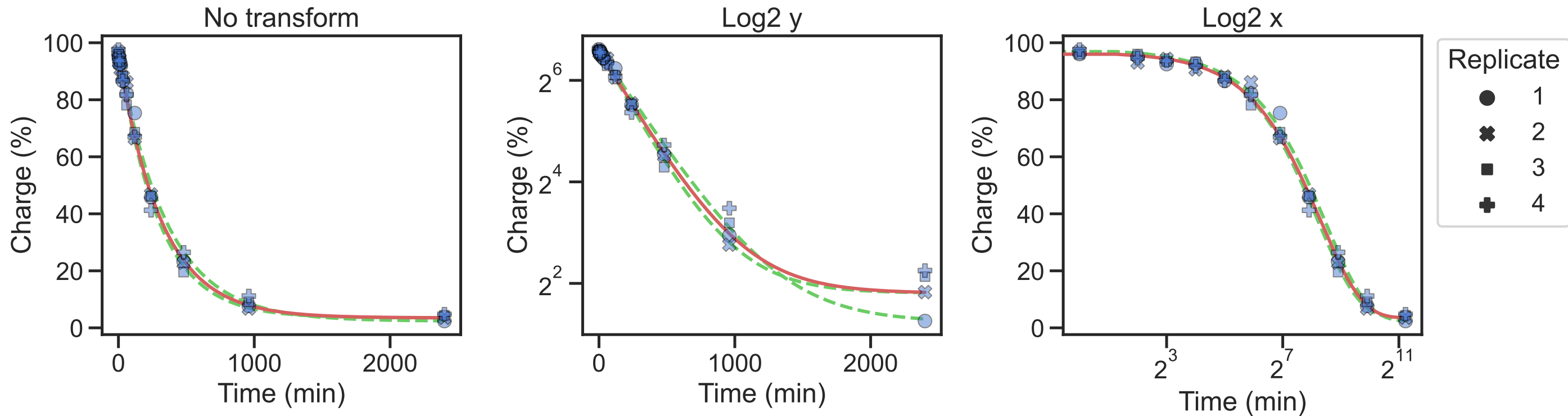


Cys-GCA-2-1 half-life=218 min, 95% CI (200; 242)

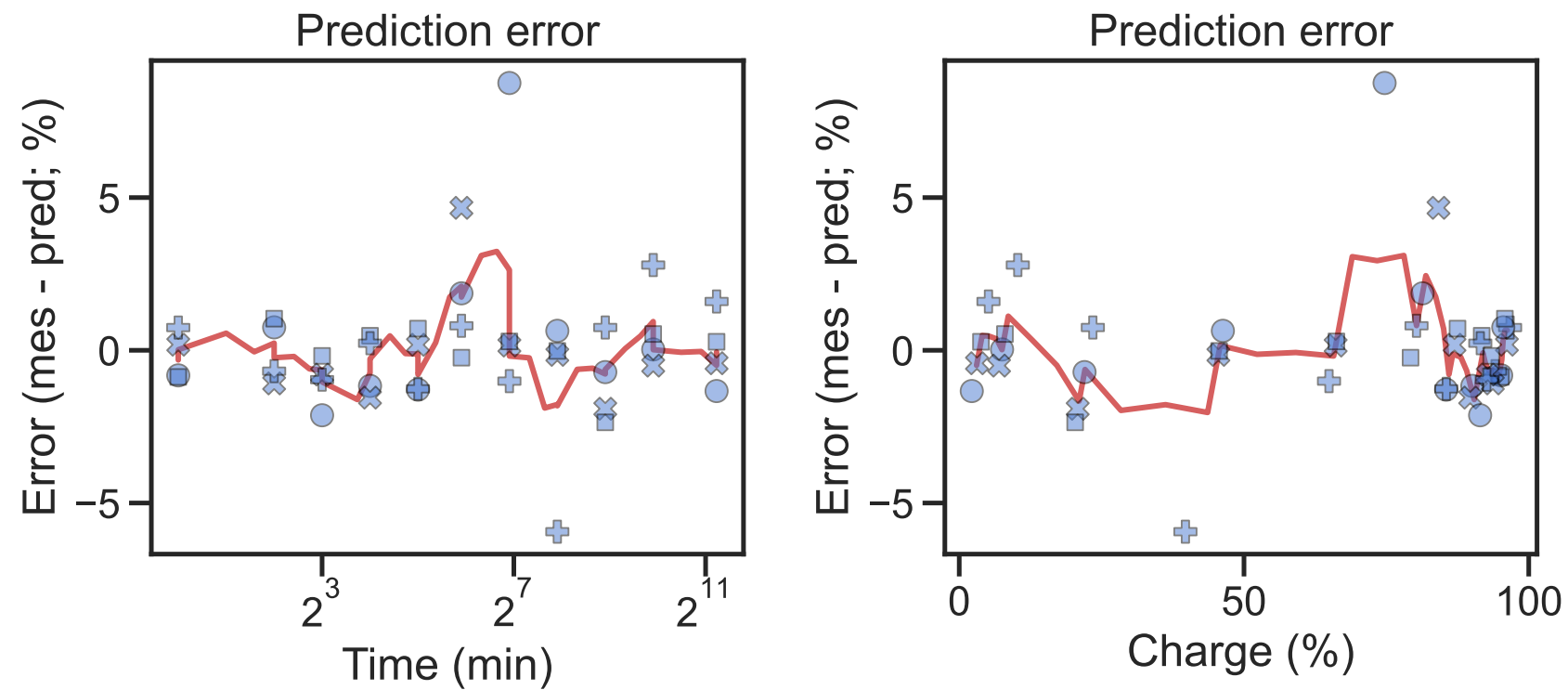
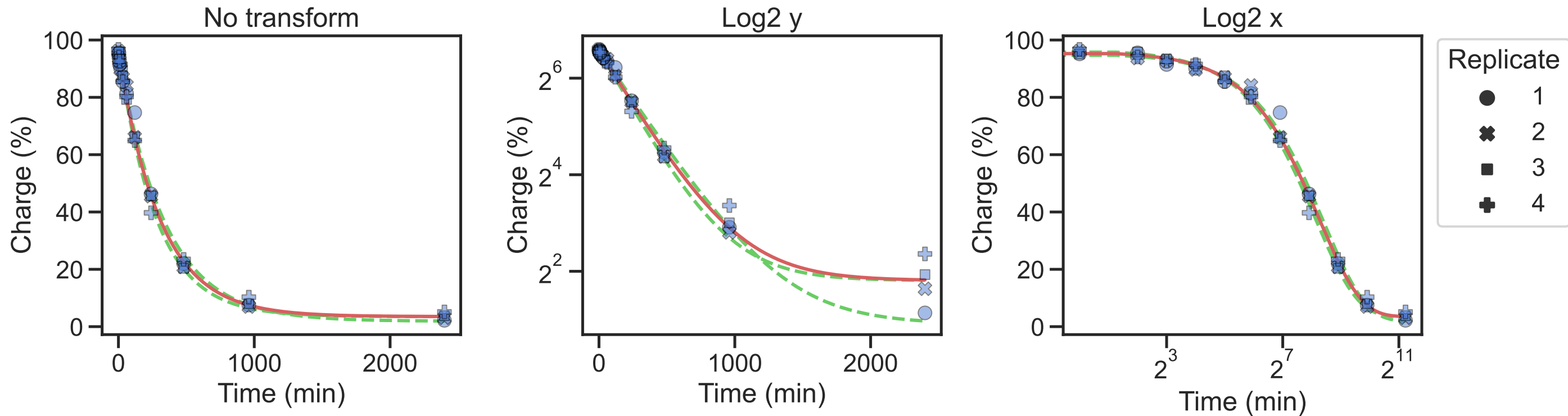


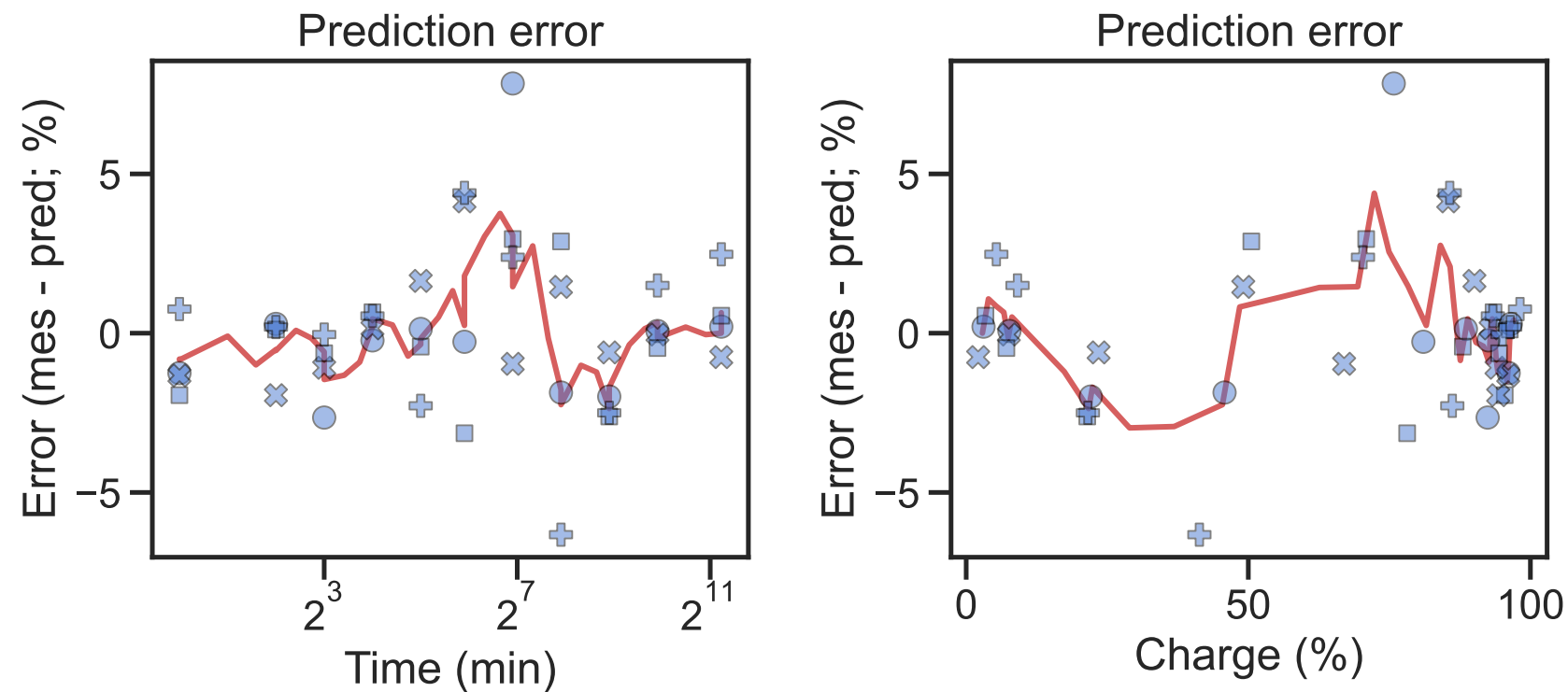
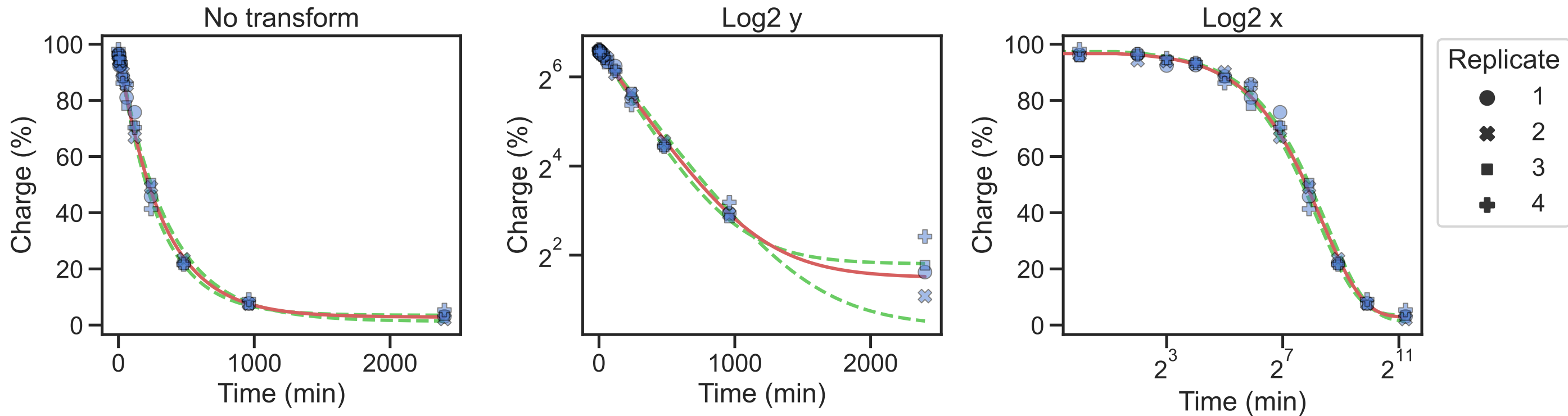


Cys-GCA-4-1 half-life=218 min, 95% CI (202; 245)

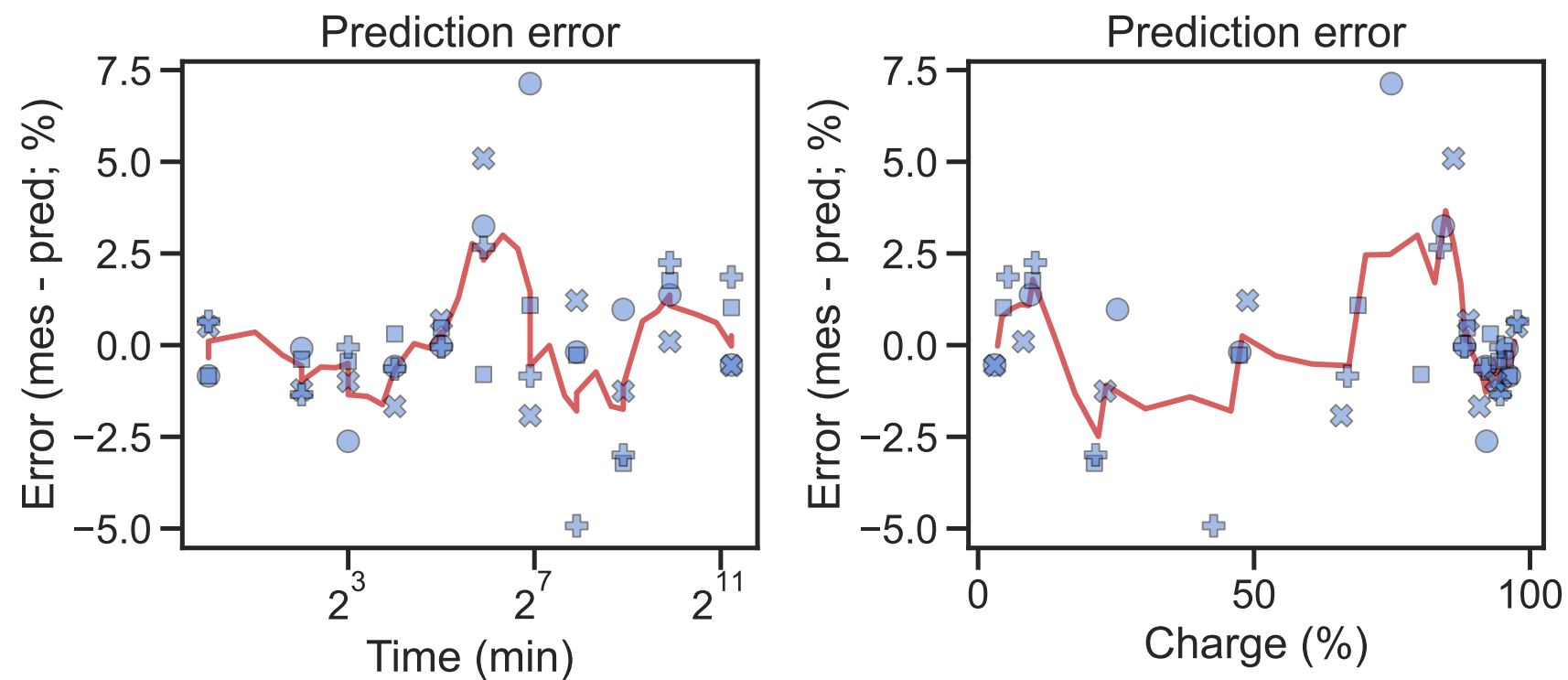
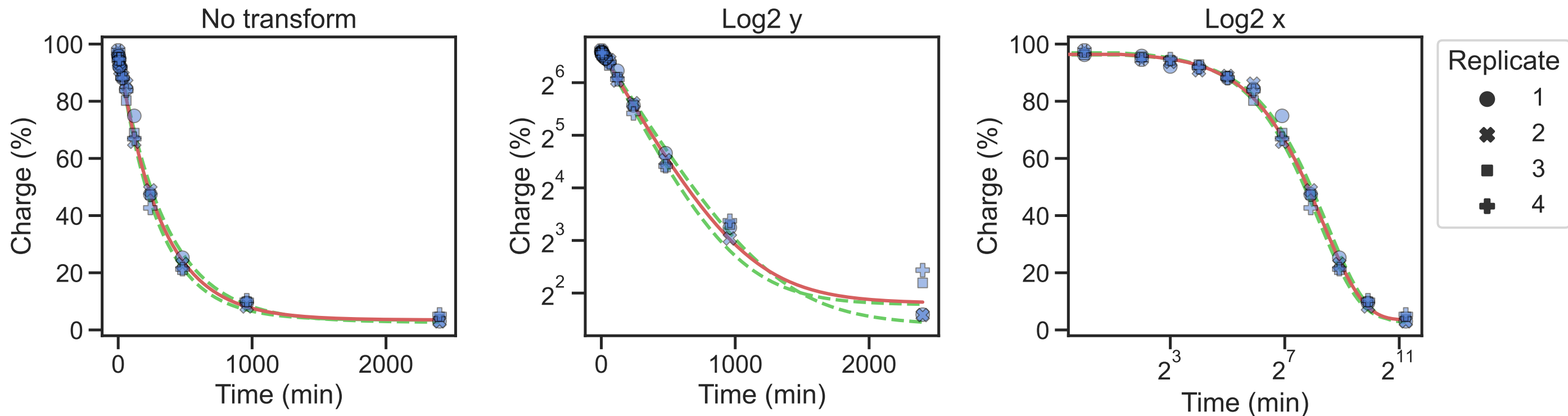


Cys-GCA-6-1 half-life=212 min, 95% CI (193; 237)

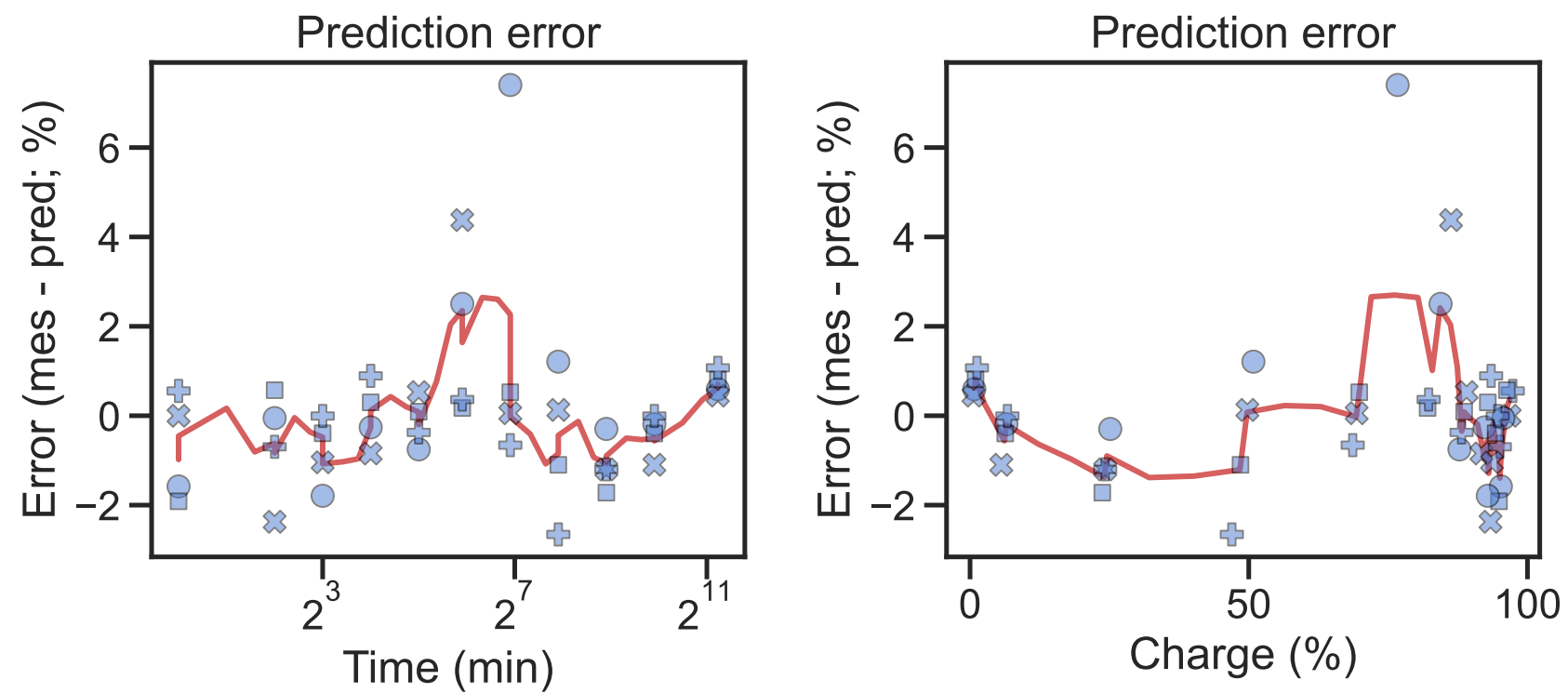
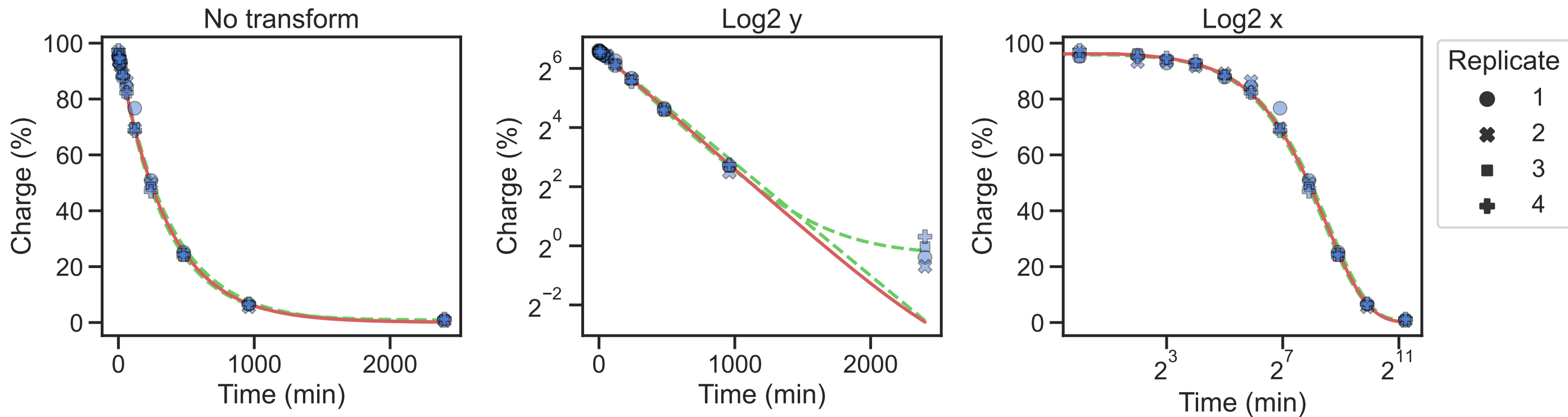




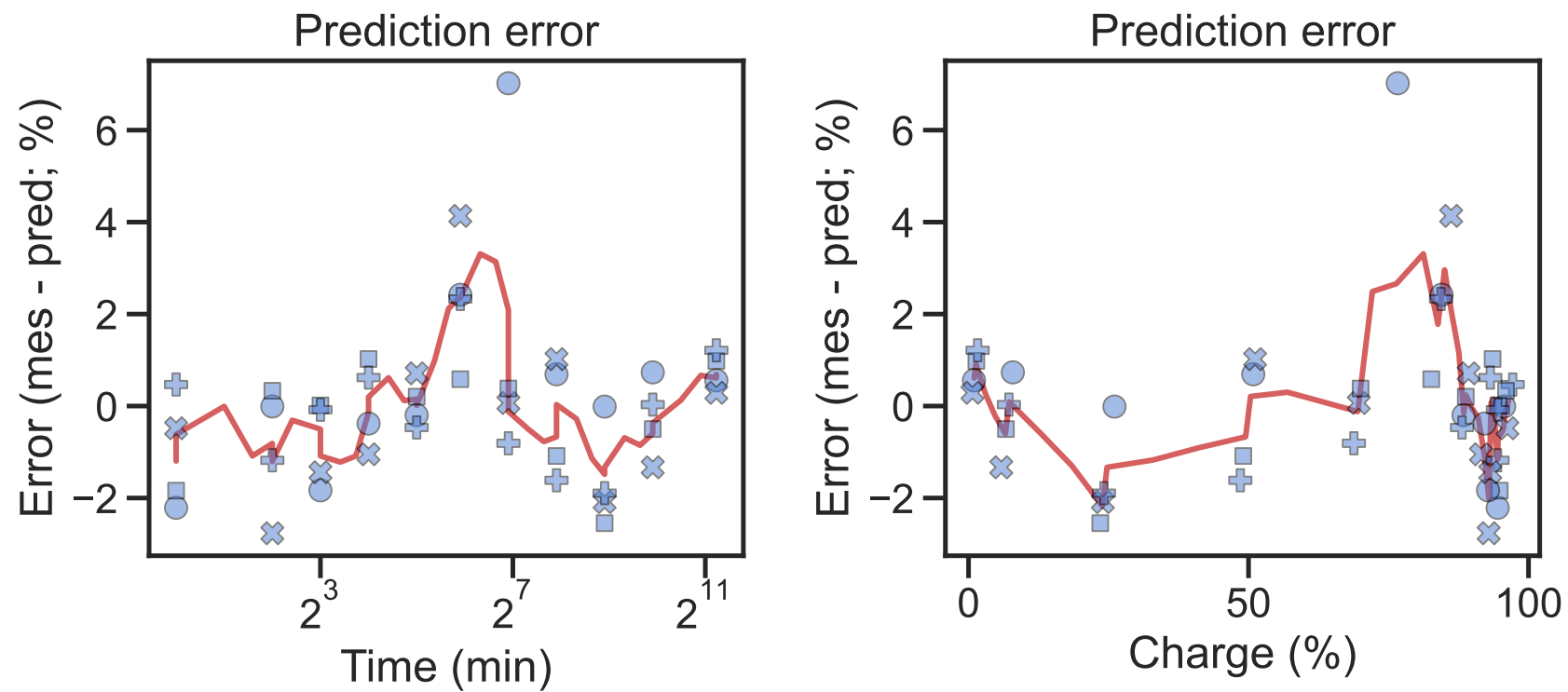
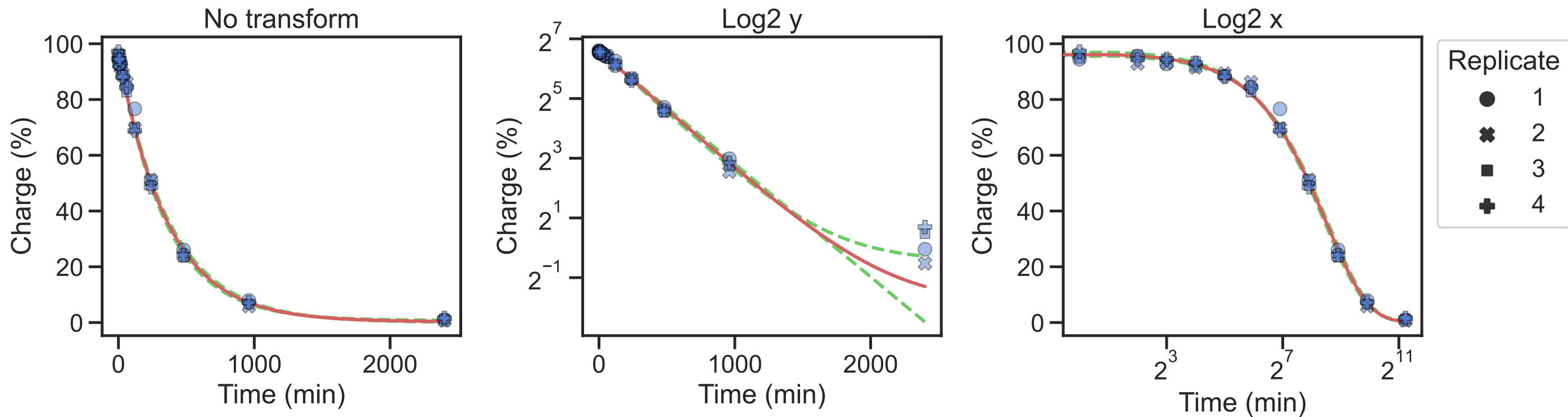
Cys-GCA-9-1 half-life=221 min, 95% CI (203; 244)



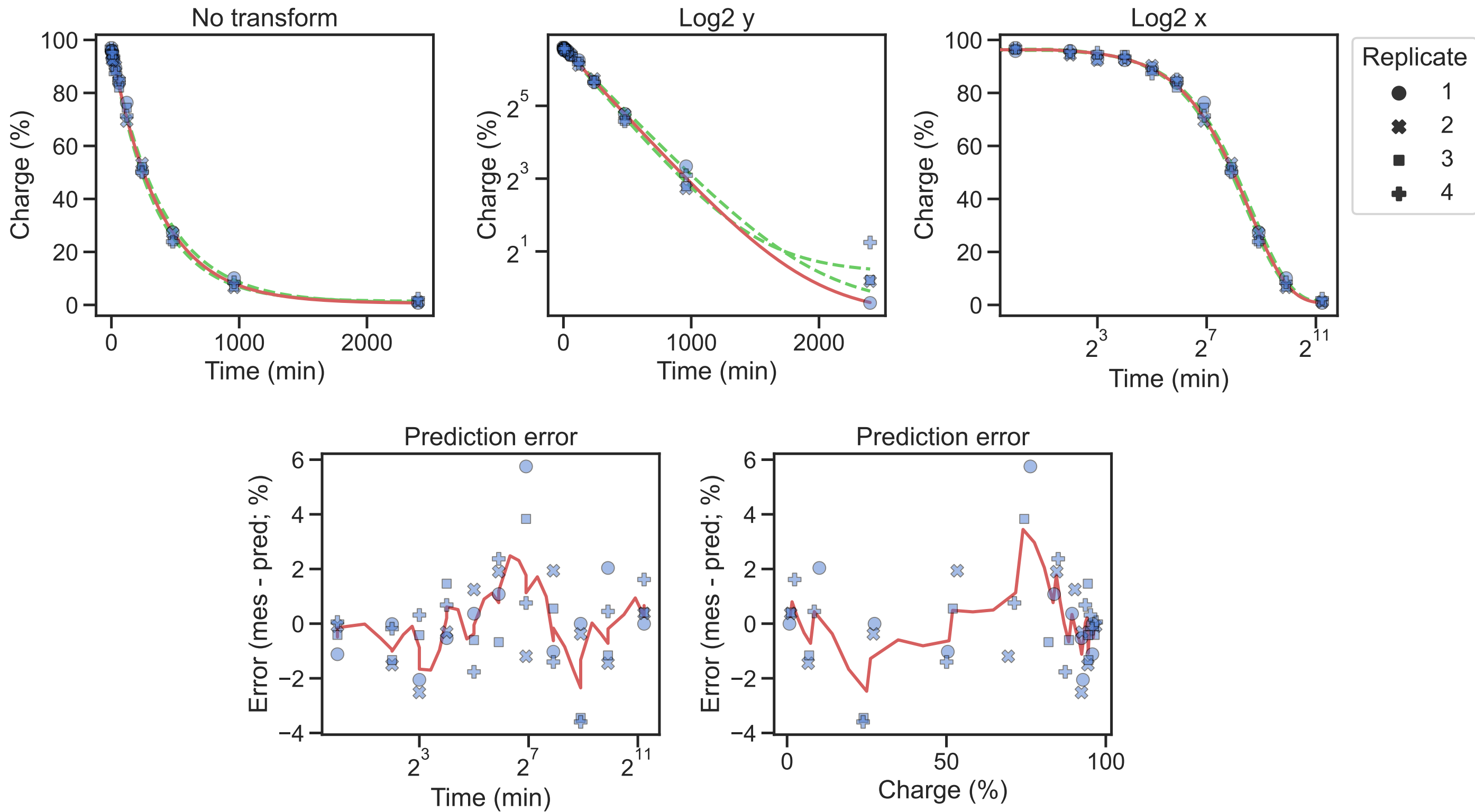
Gln-CTG-1-1 half-life=249 min, 95% CI (235; 263)



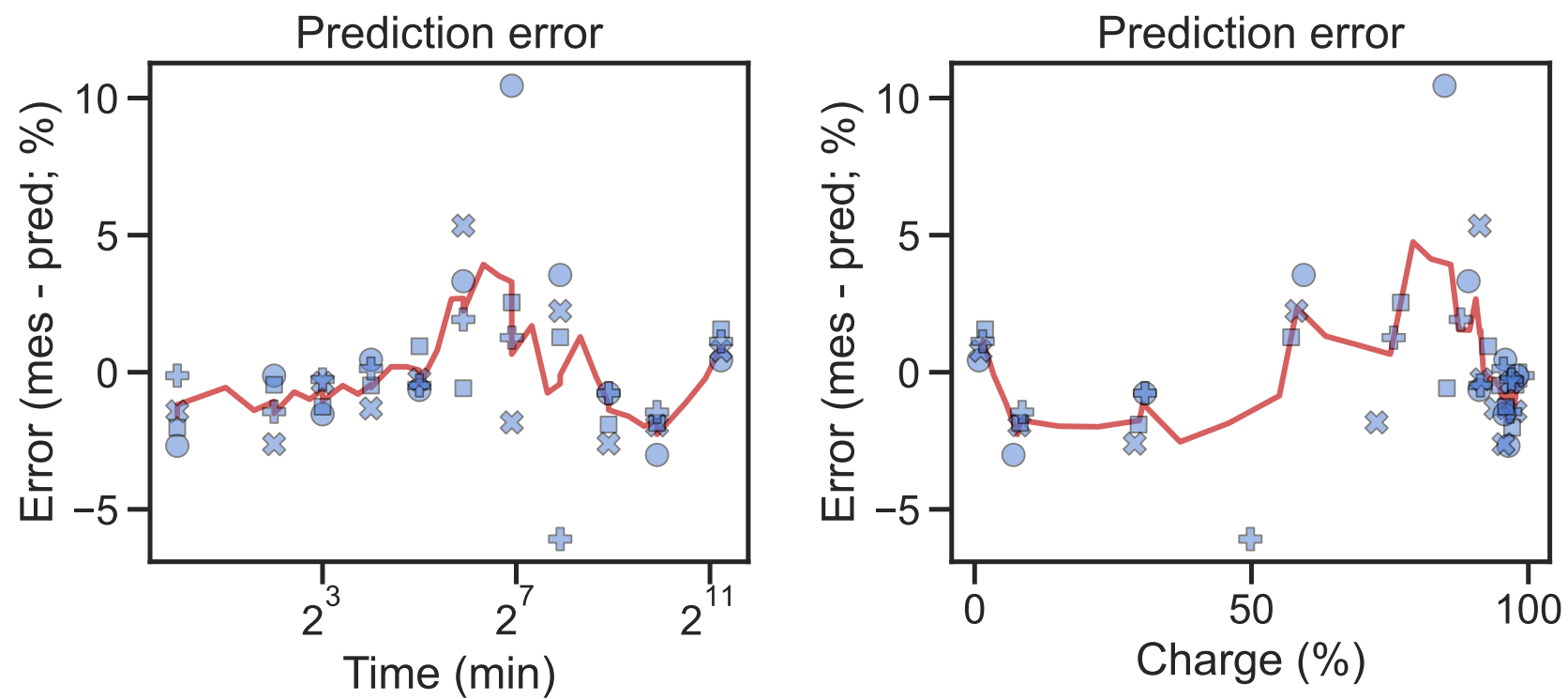
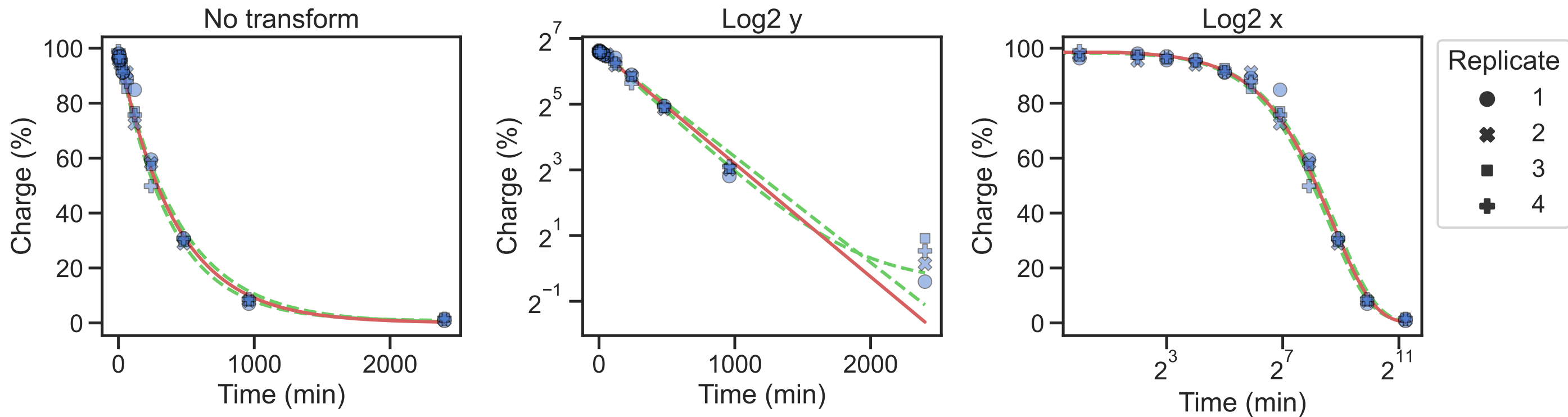
Gln-CTG-2-1 half-life=252 min, 95% CI (239; 264)



Gln-CTG-4-1 half-life=261min, 95% CI (242; 277)

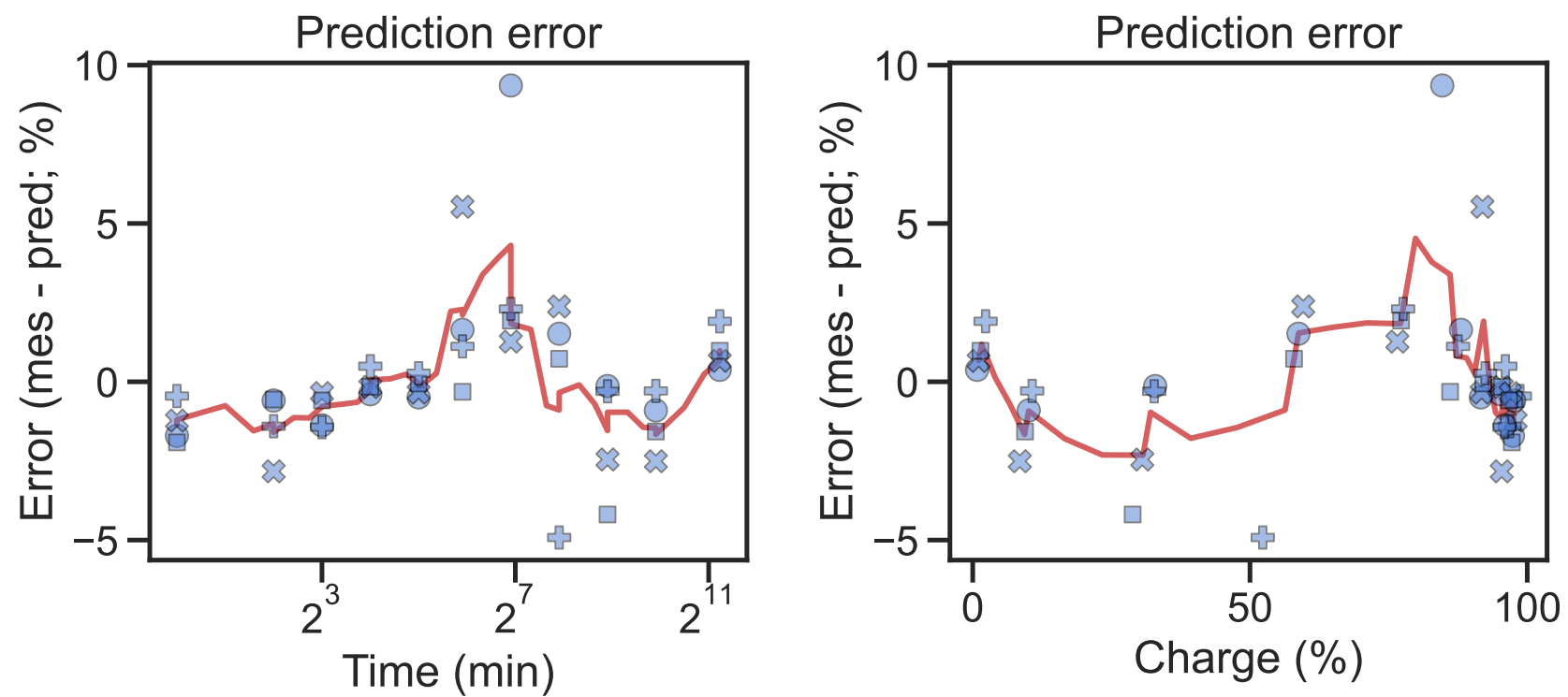
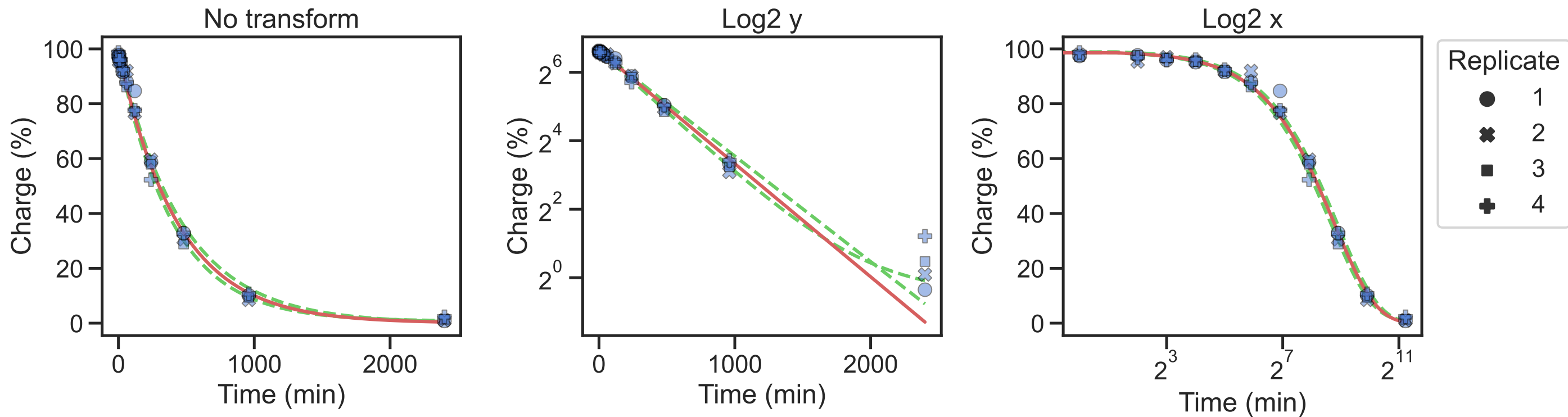


Gln-TTG-1-1 half-life=290min, 95% CI (263; 310)

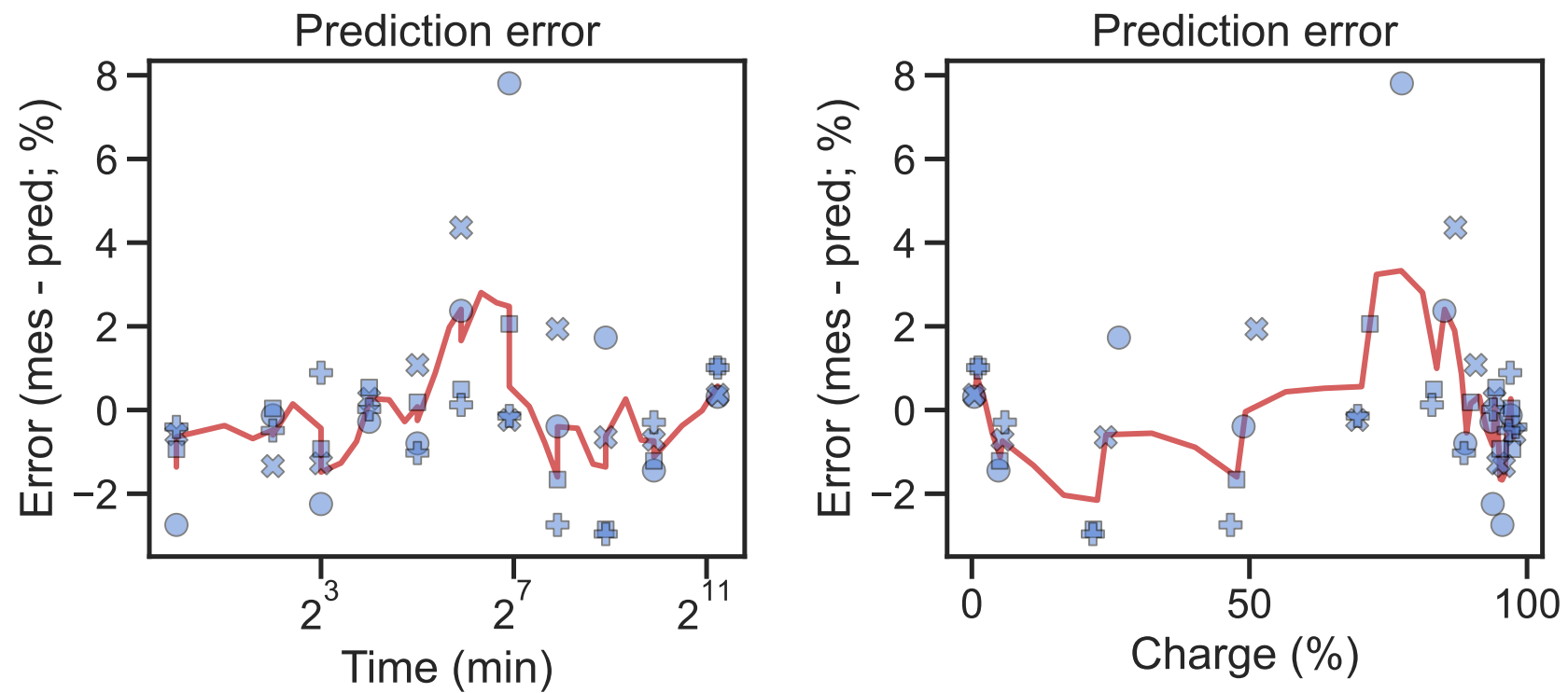
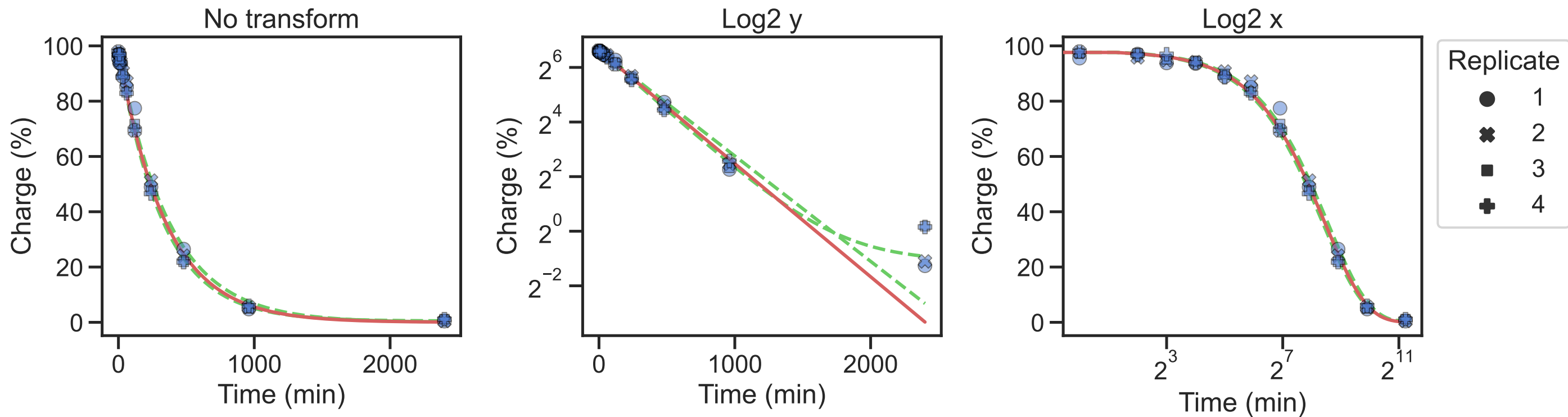




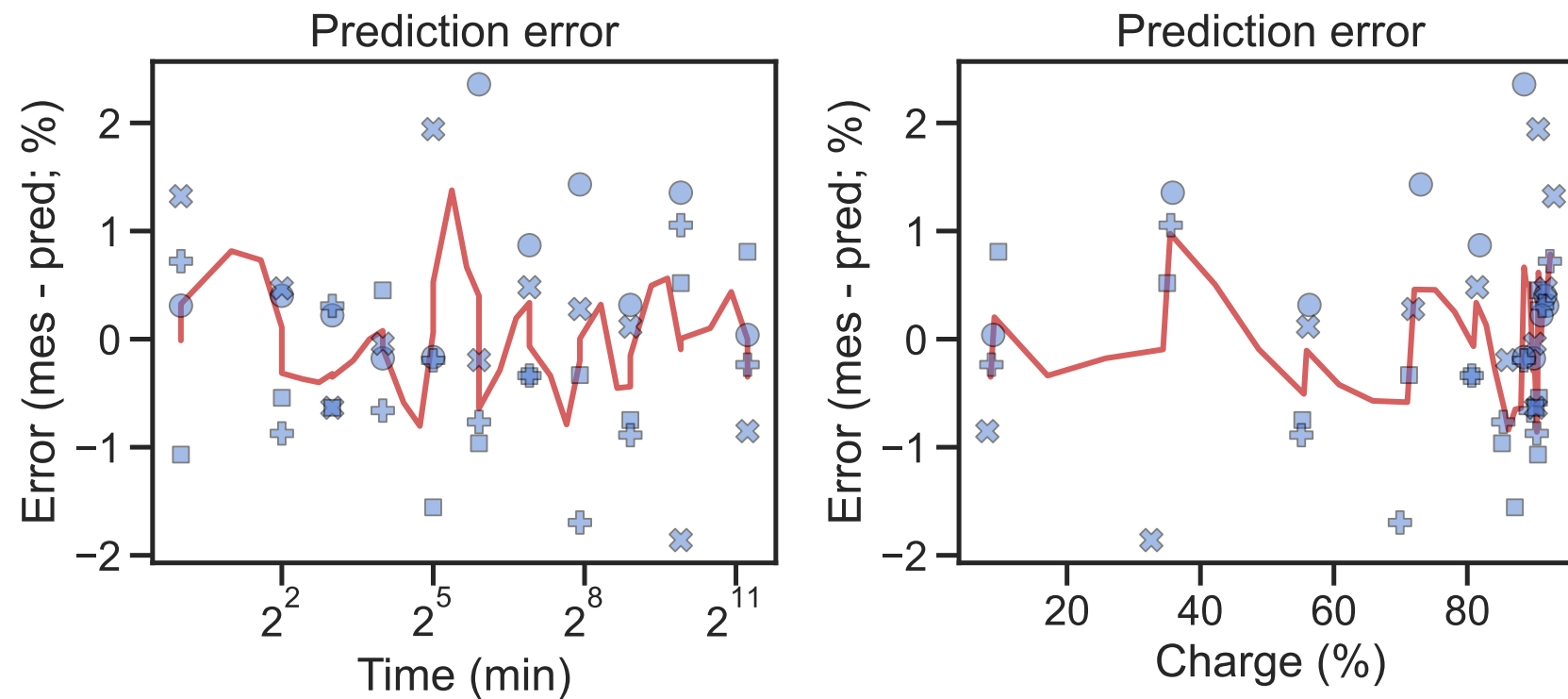
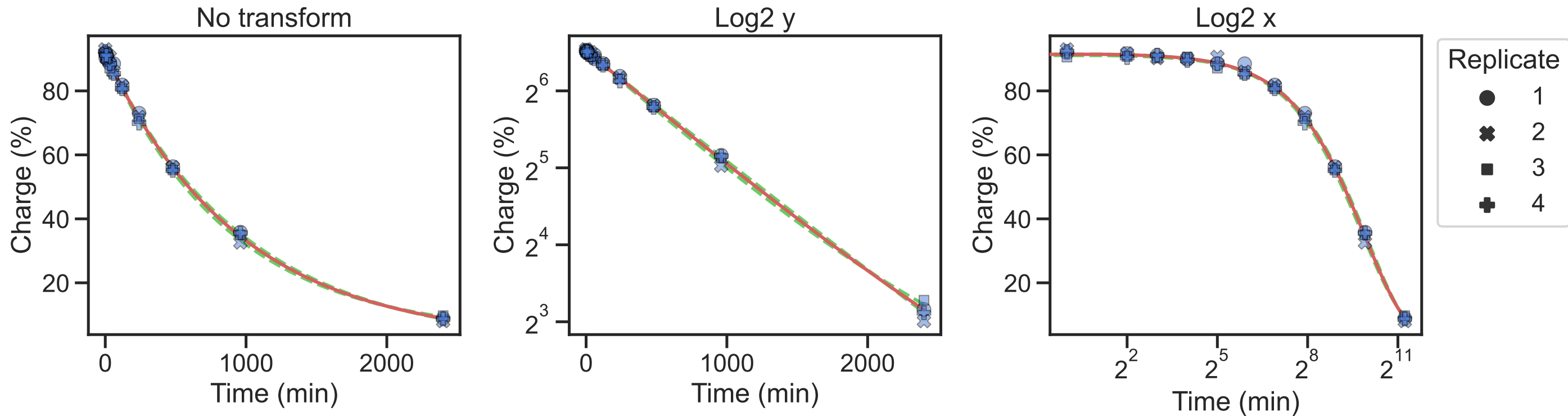
Gln-TTG-2-1 half-life=303min, 95% CI (275; 324)



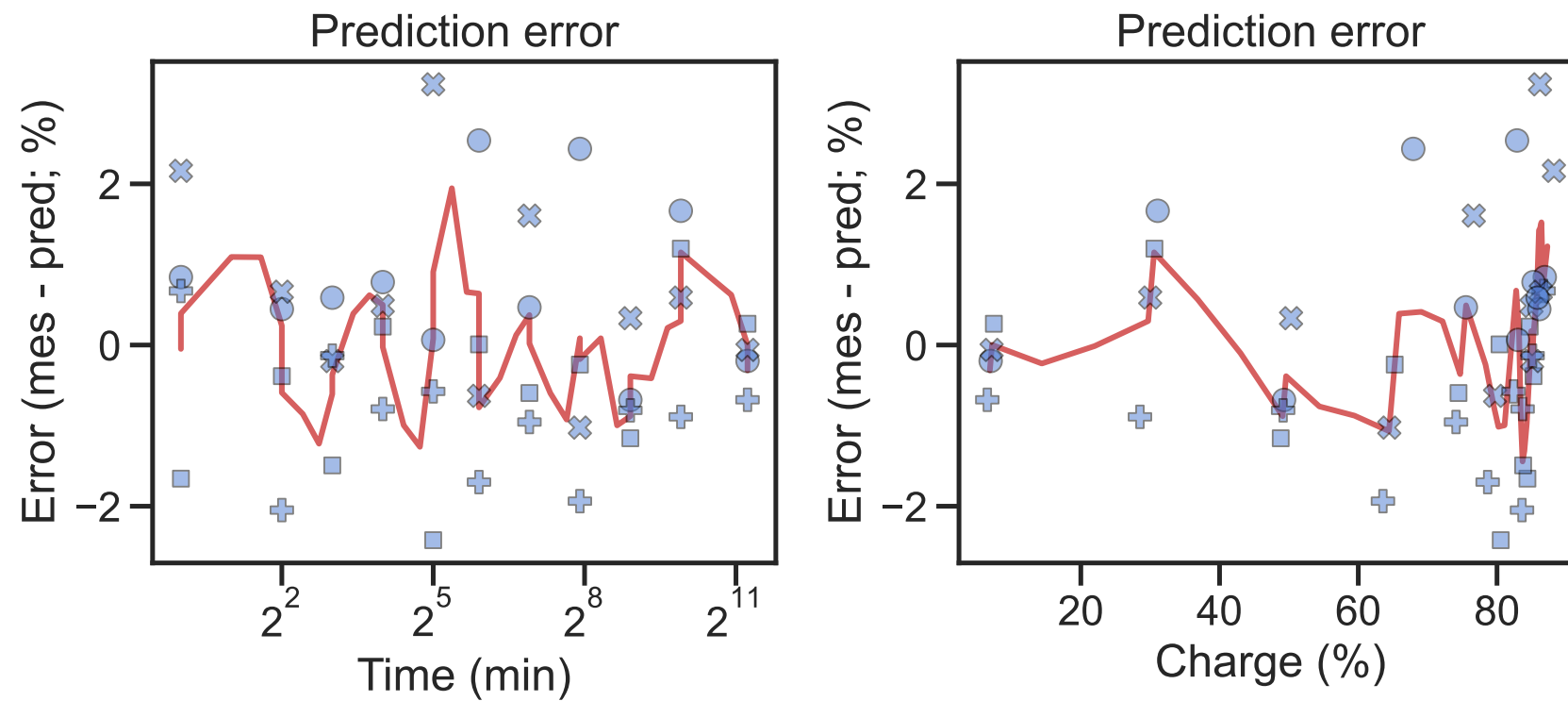
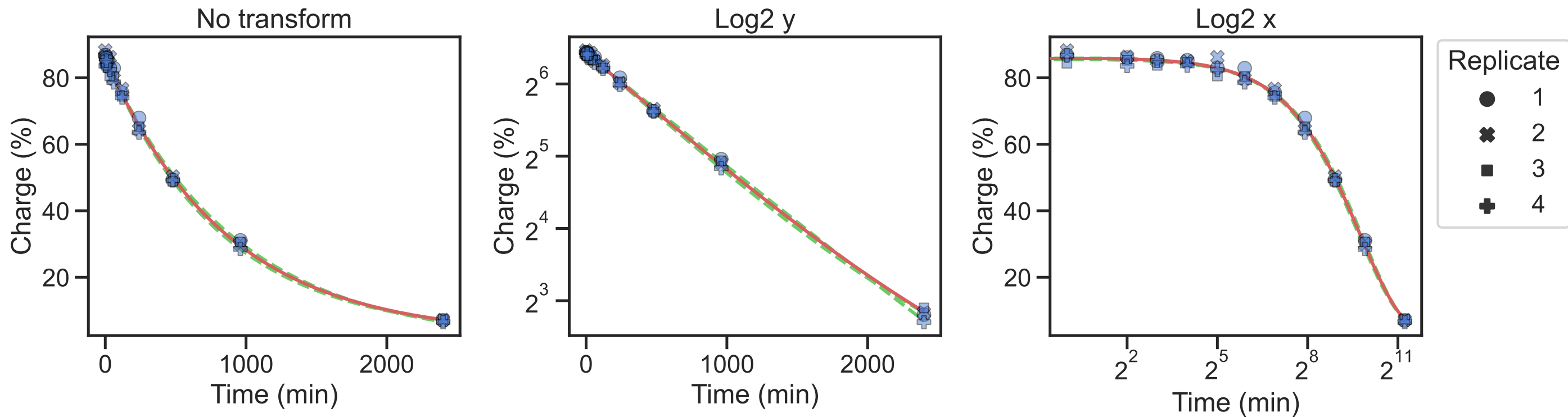
Gln-TTG-3-1 half-life=241 min, 95% CI (227; 259)



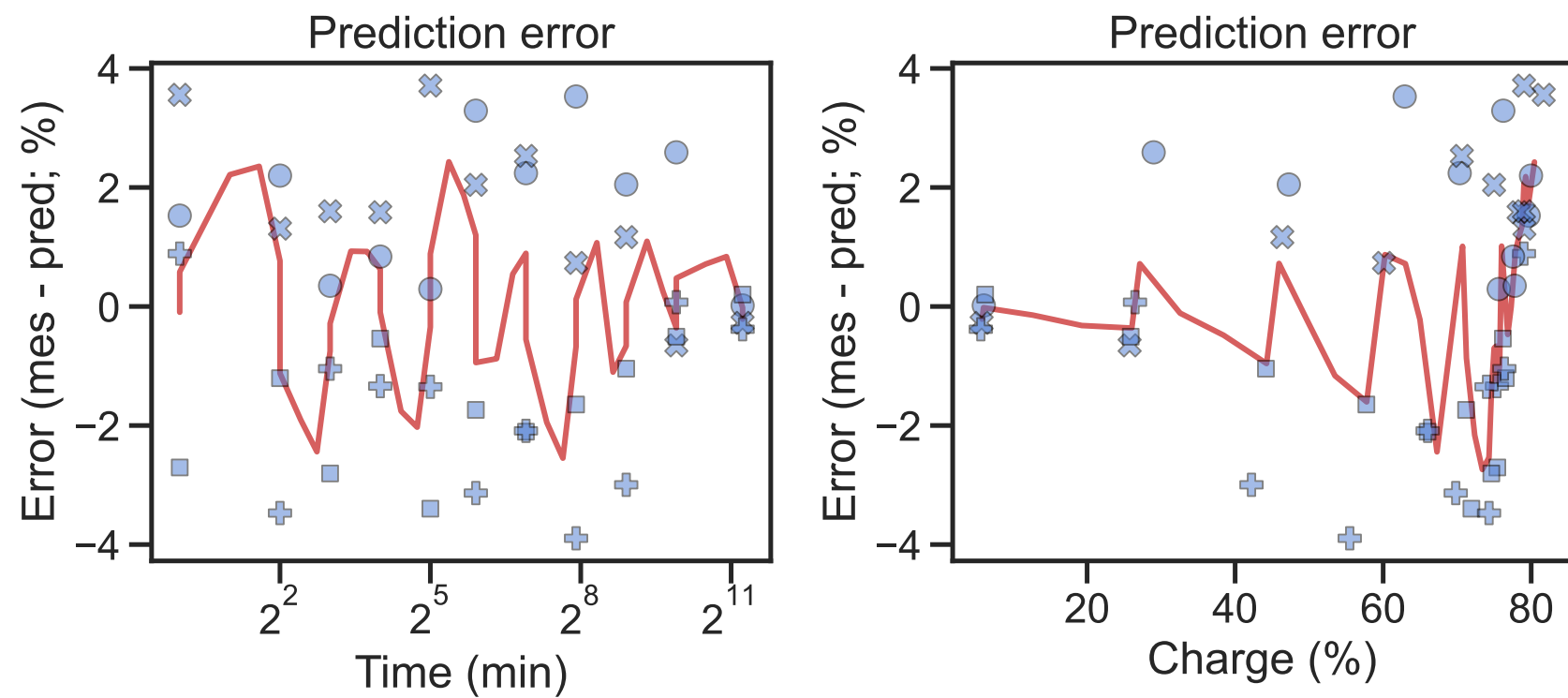
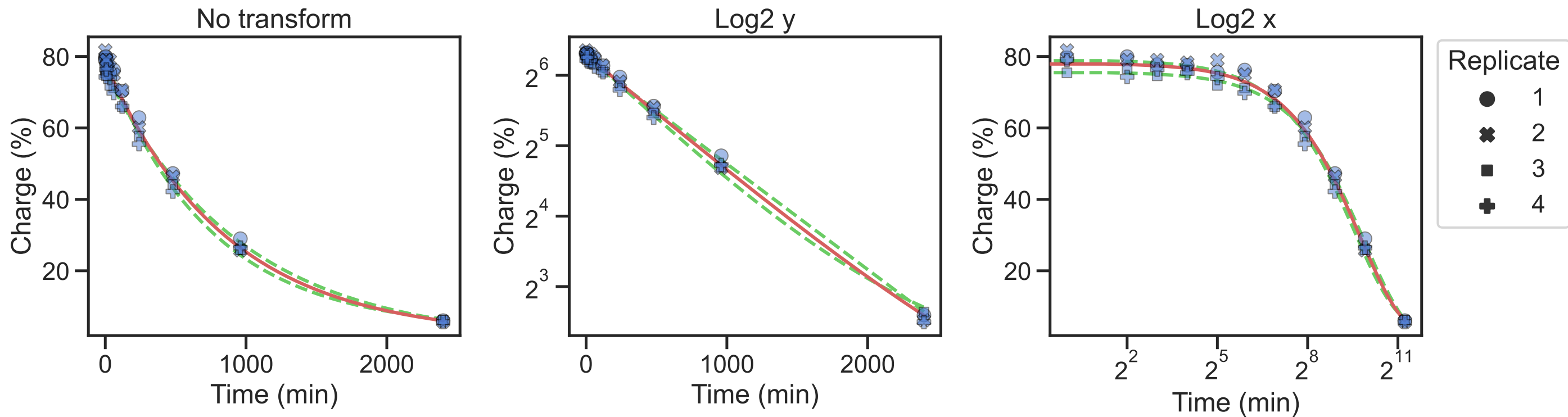
Glu-CTC-1-1 half-life=660min, 95% CI (613; 696)



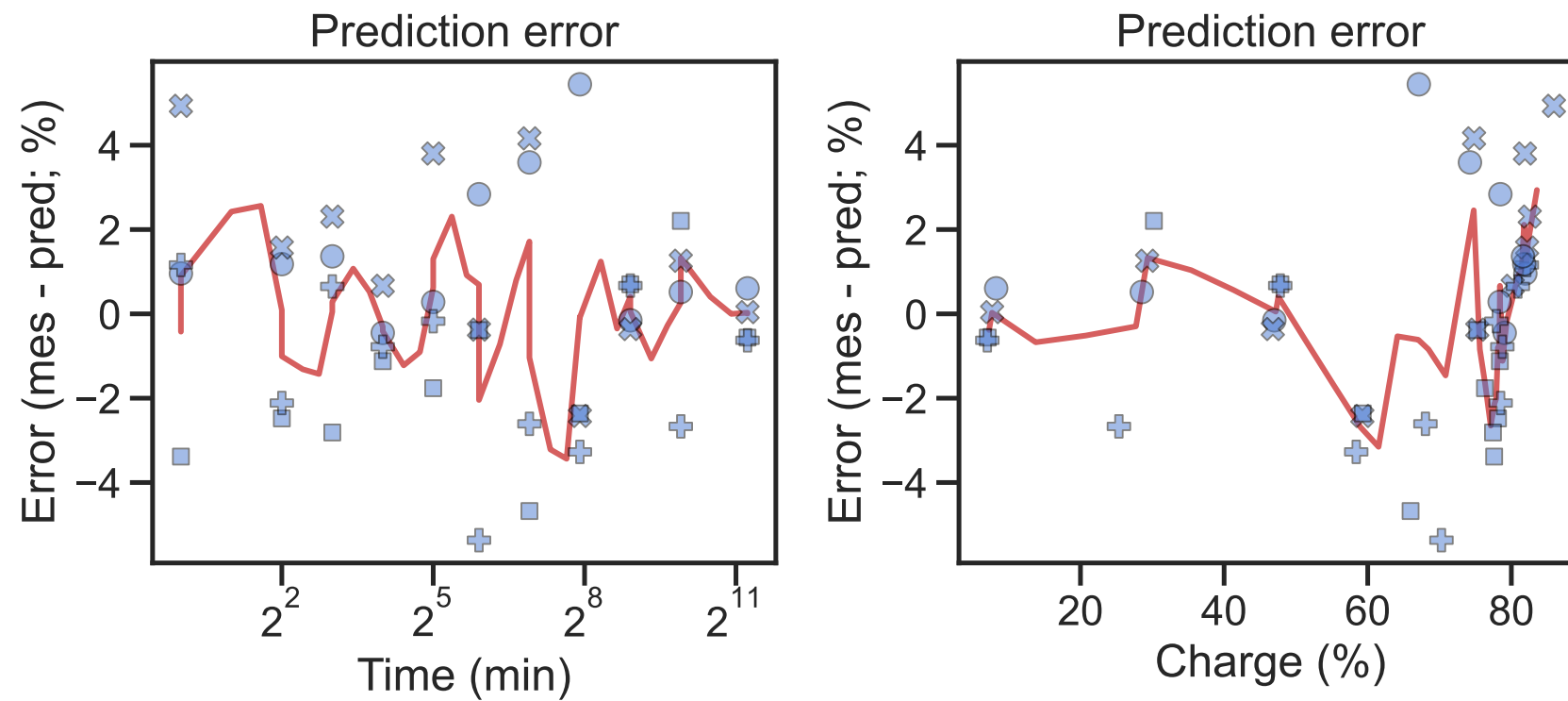
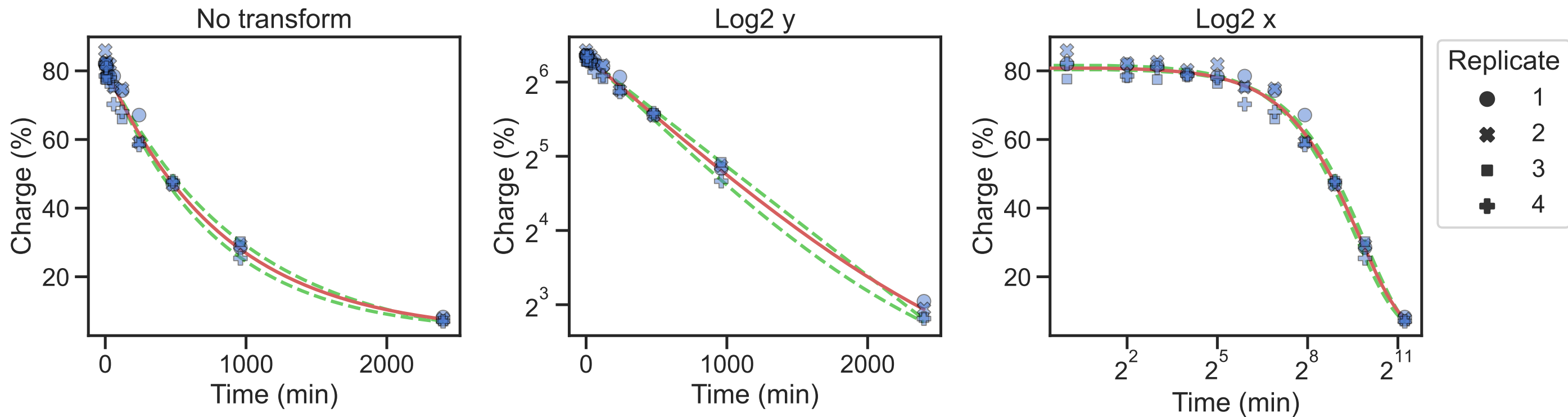
Glu-TTC-1-1 half-life=592 min, 95% CI (565; 636)



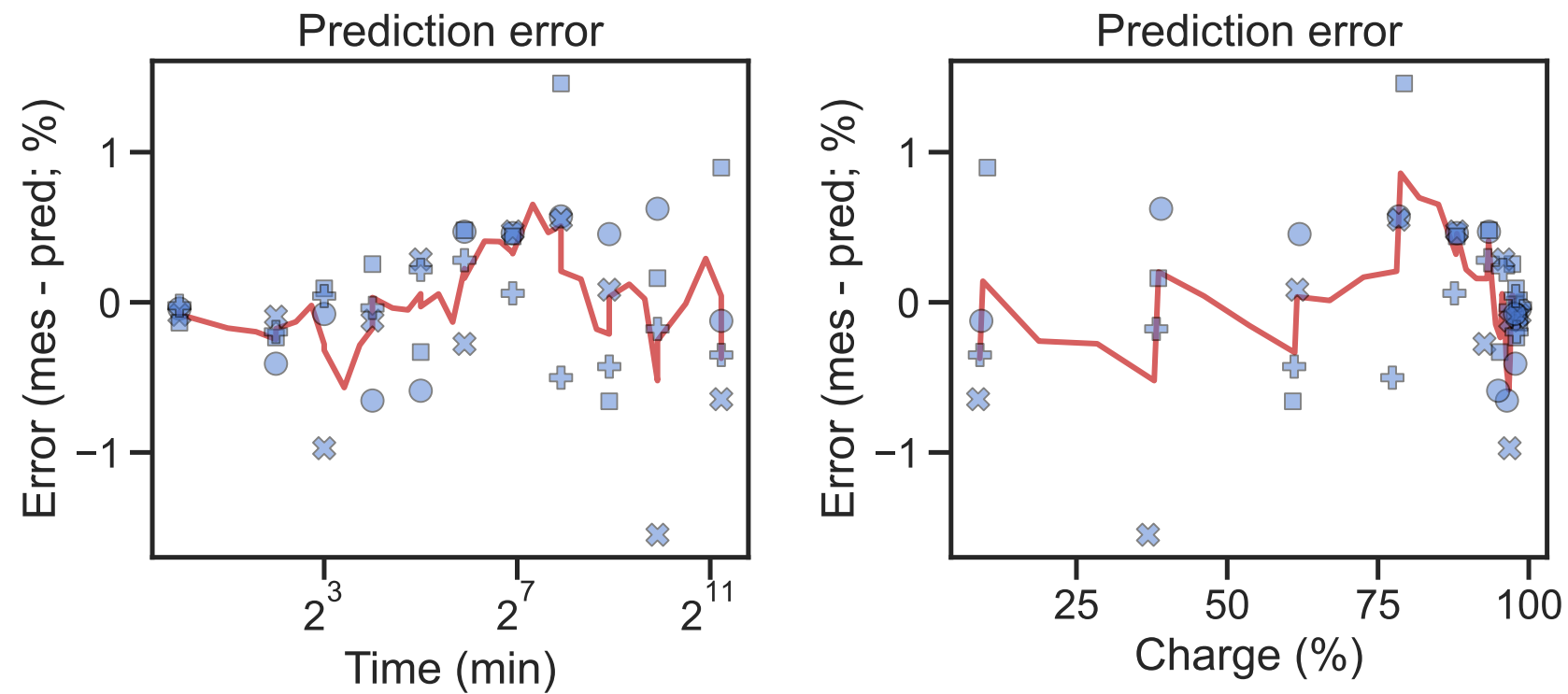
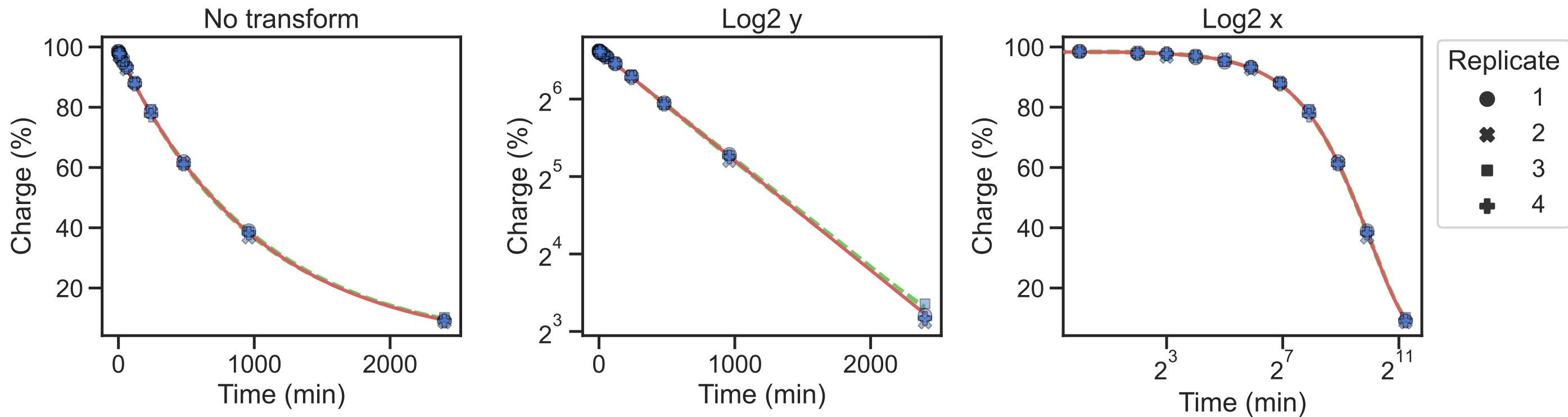
Glu-TTC-2-1 half-life=594 min, 95% CI (517; 667)



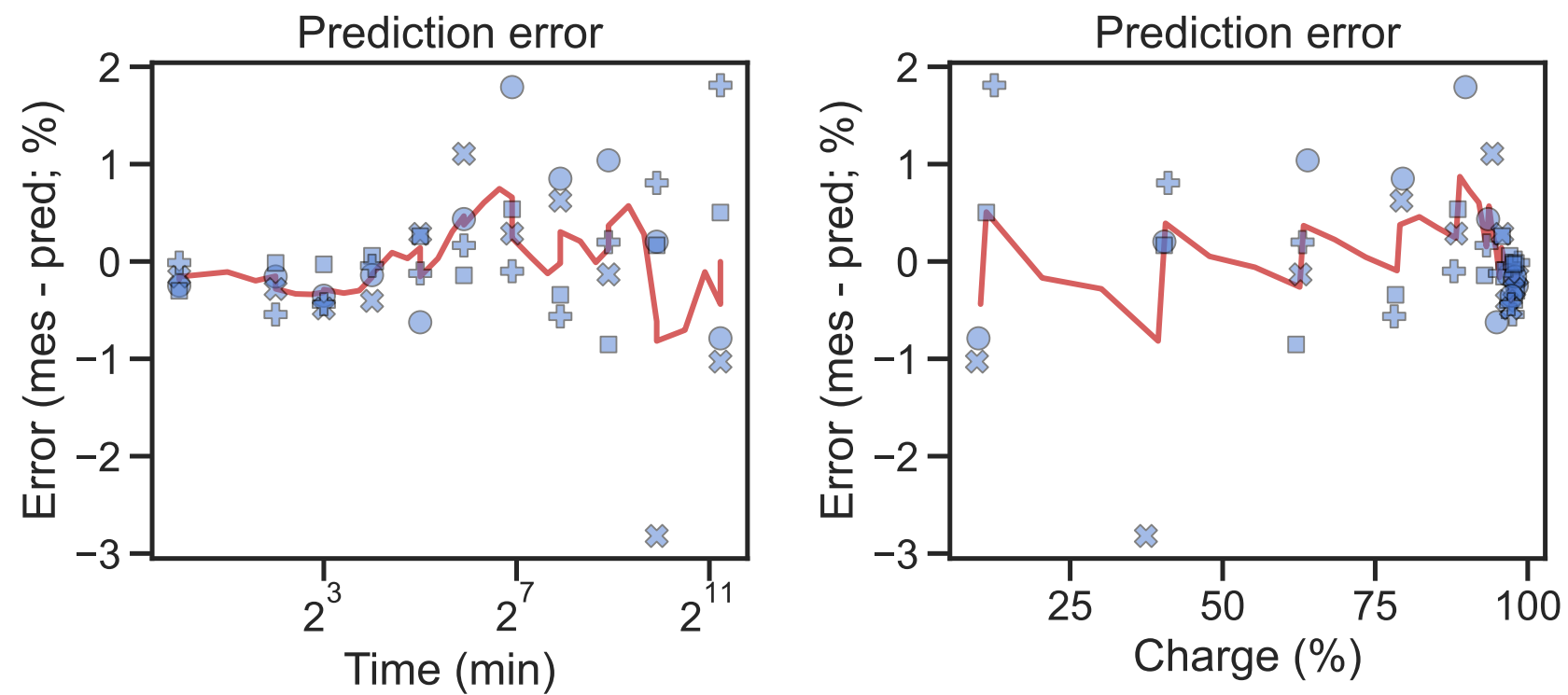
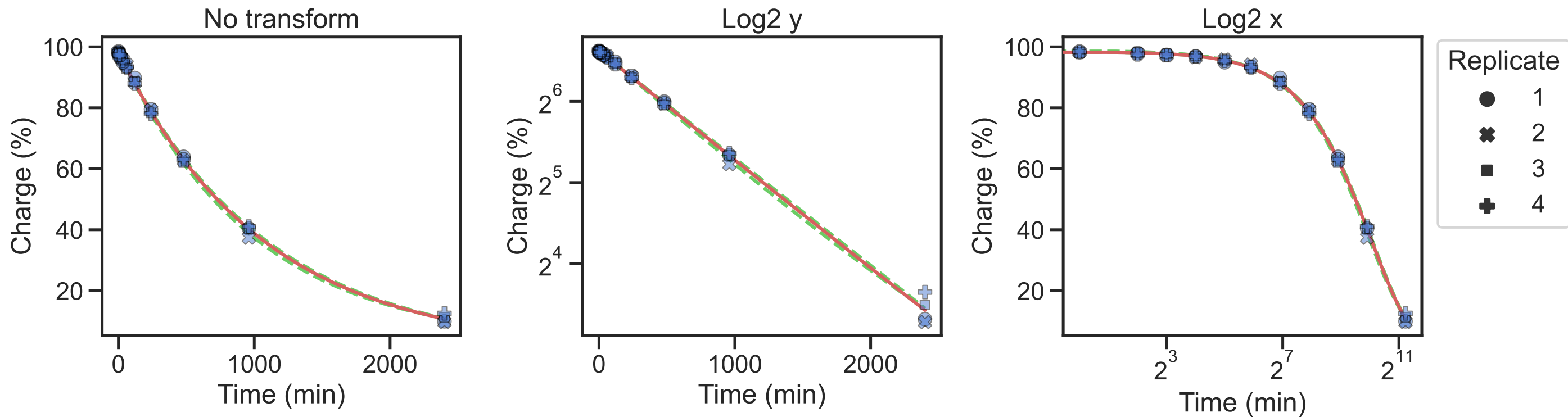
Glu-TTC-4-1 half-life=583 min, 95% CI (525; 680)



Gly-CCC-1-1 half-life=706 min, 95% CI (674; 720)

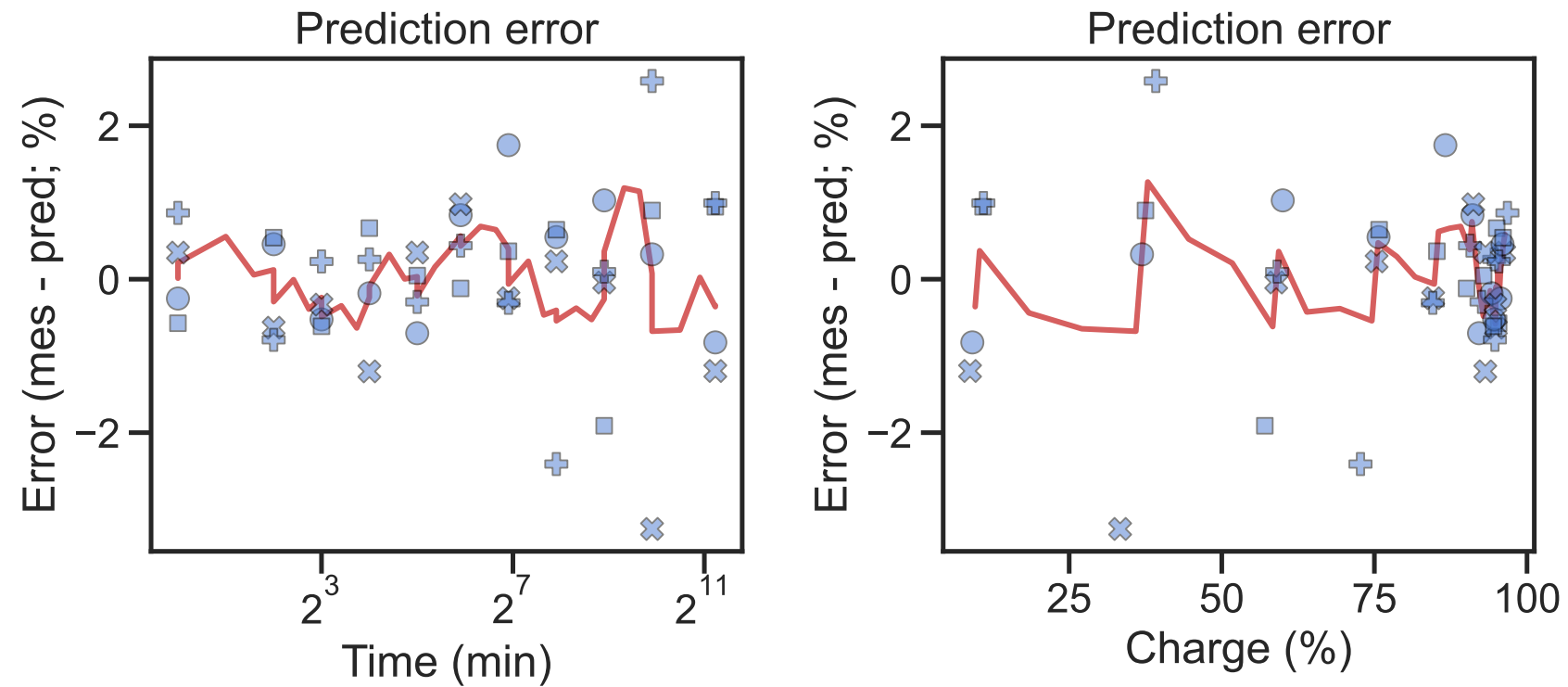
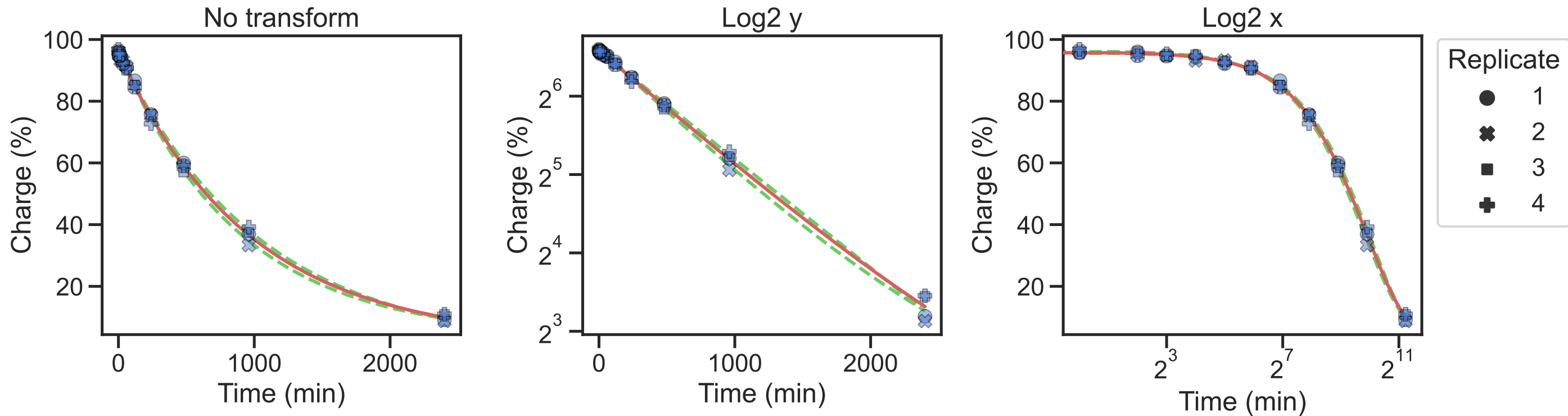


Gly-CCC-2-1 half-life=738 min, 95% CI (684; 757)

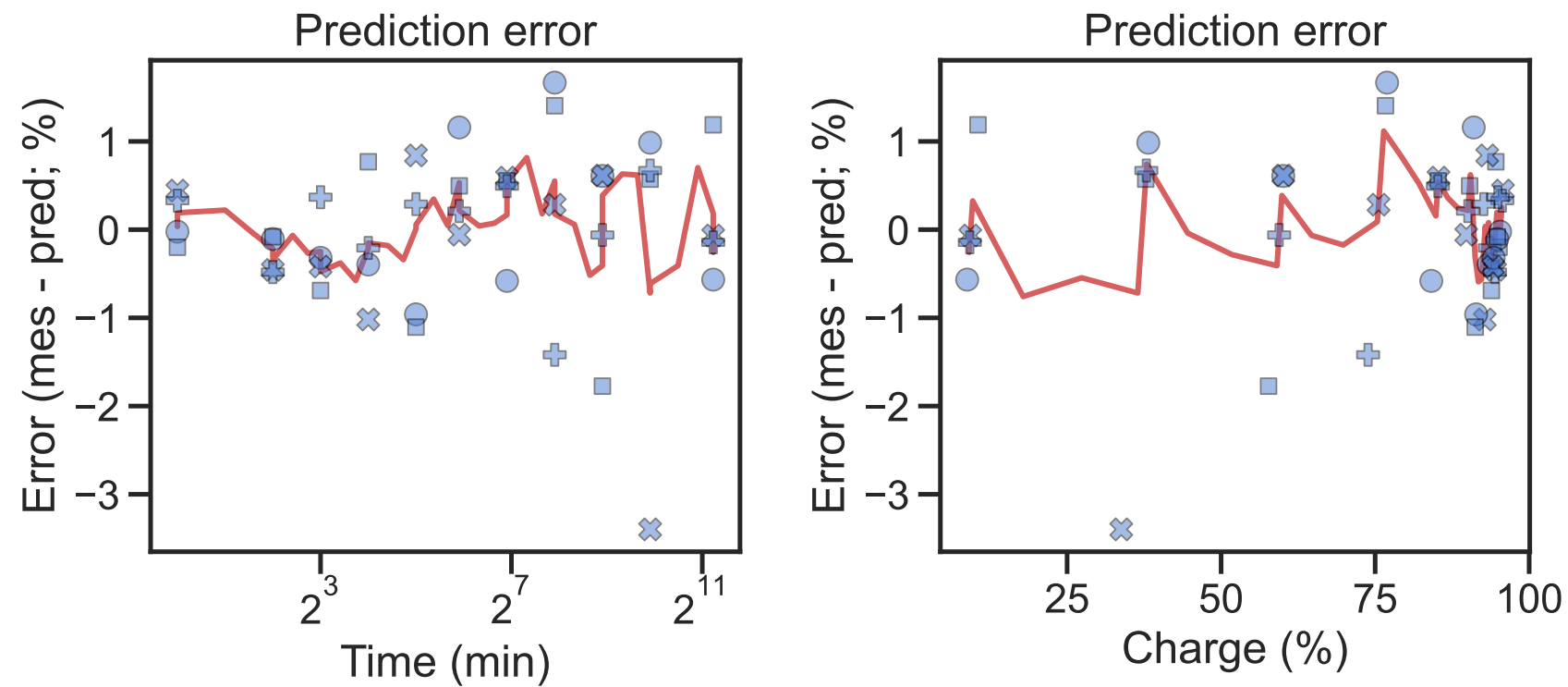
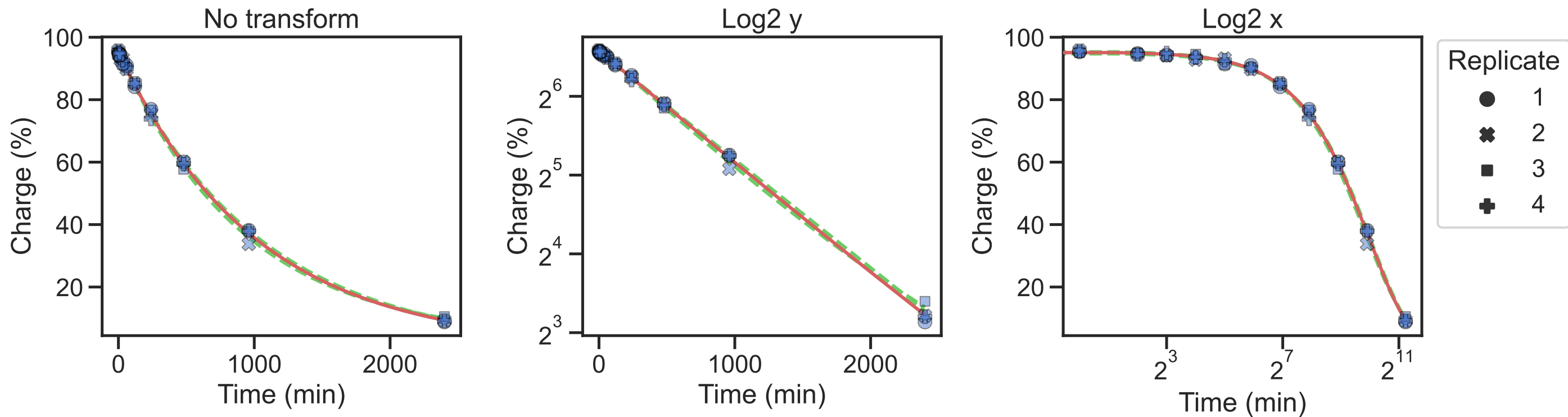




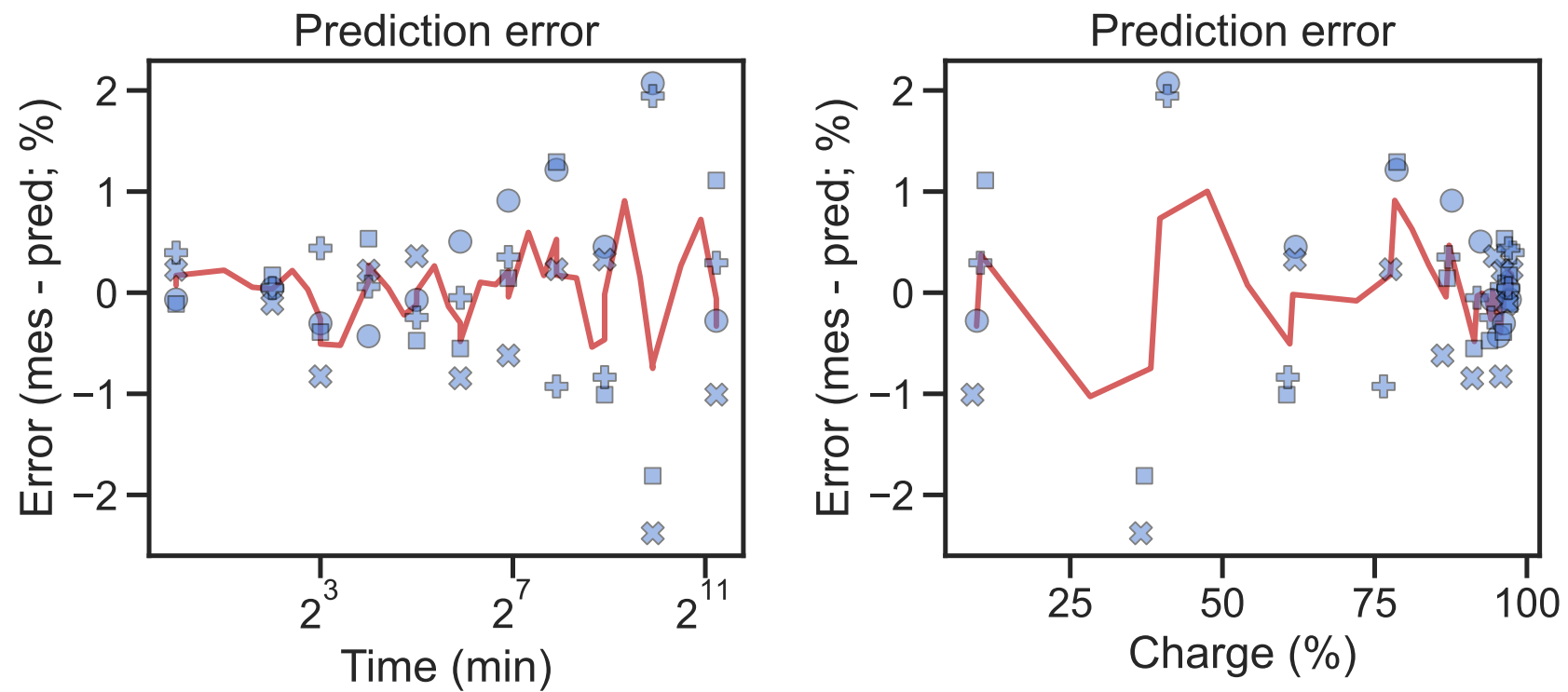
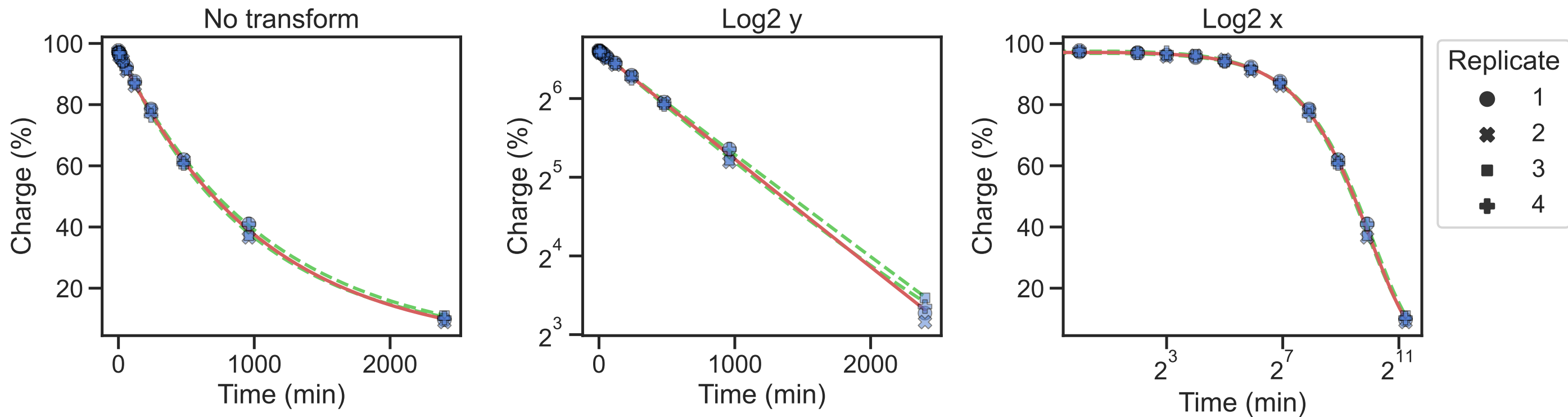
Gly-GCC-1-1 half-life=662 min, 95% CI (611; 722)



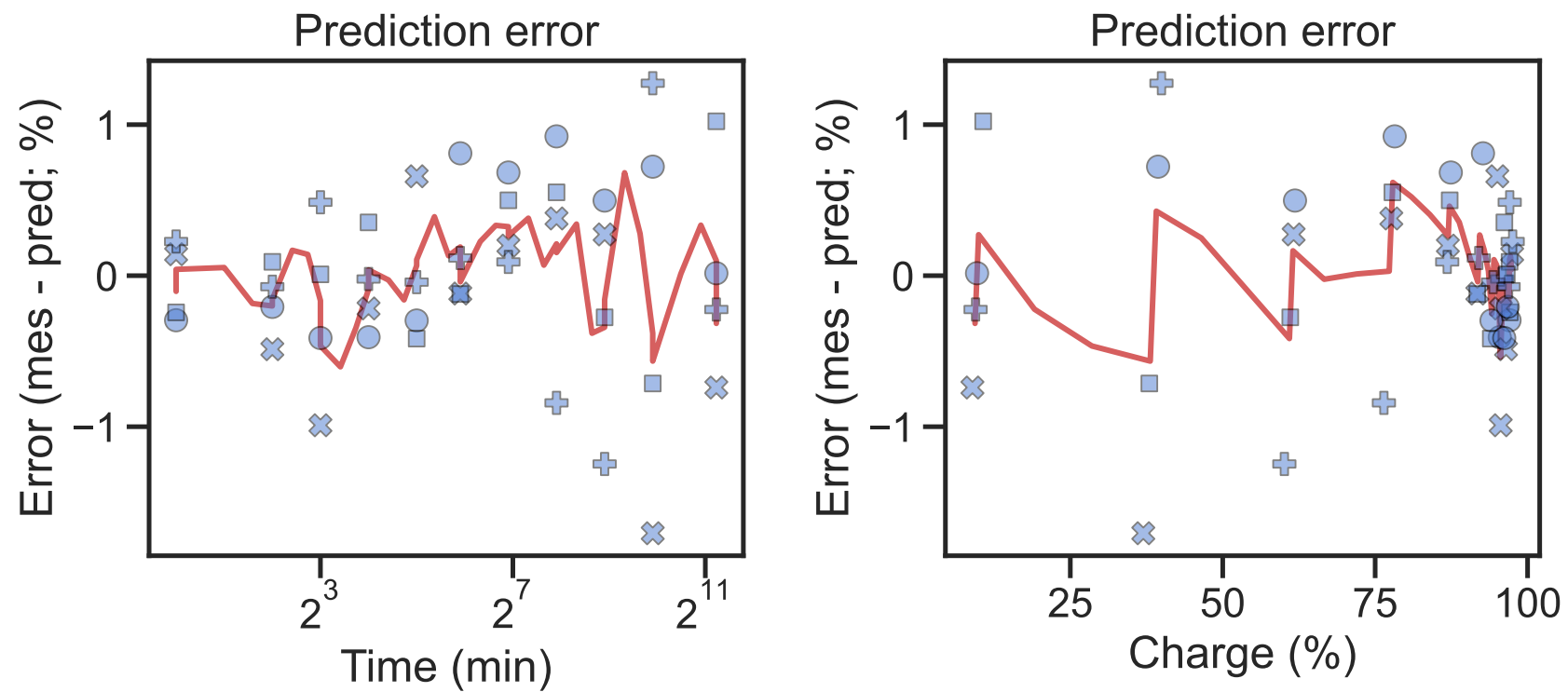
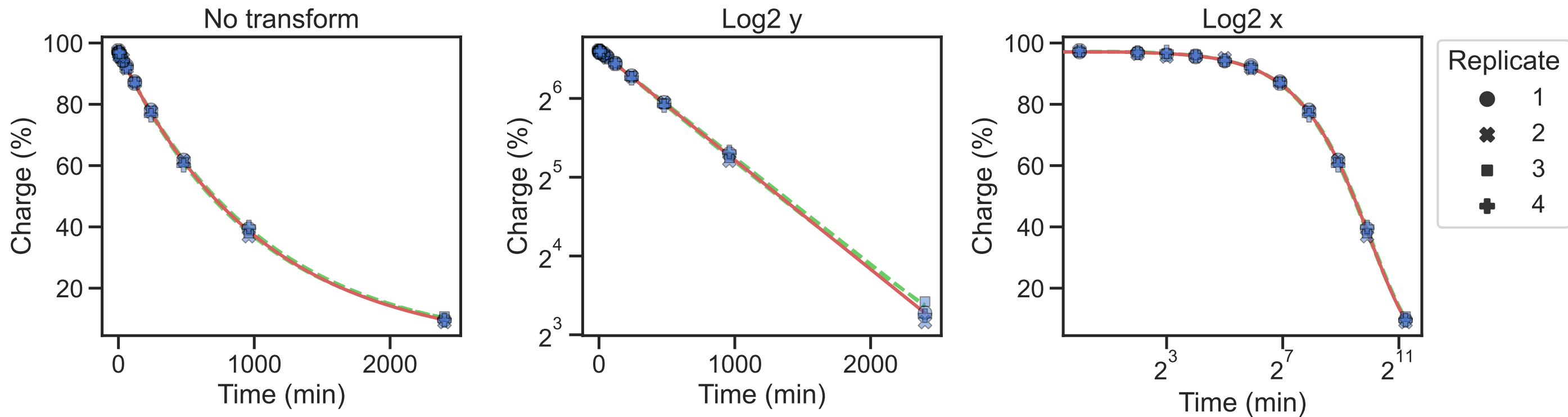
Gly-GCC-2-1 half-life=701min, 95% CI (640; 729)



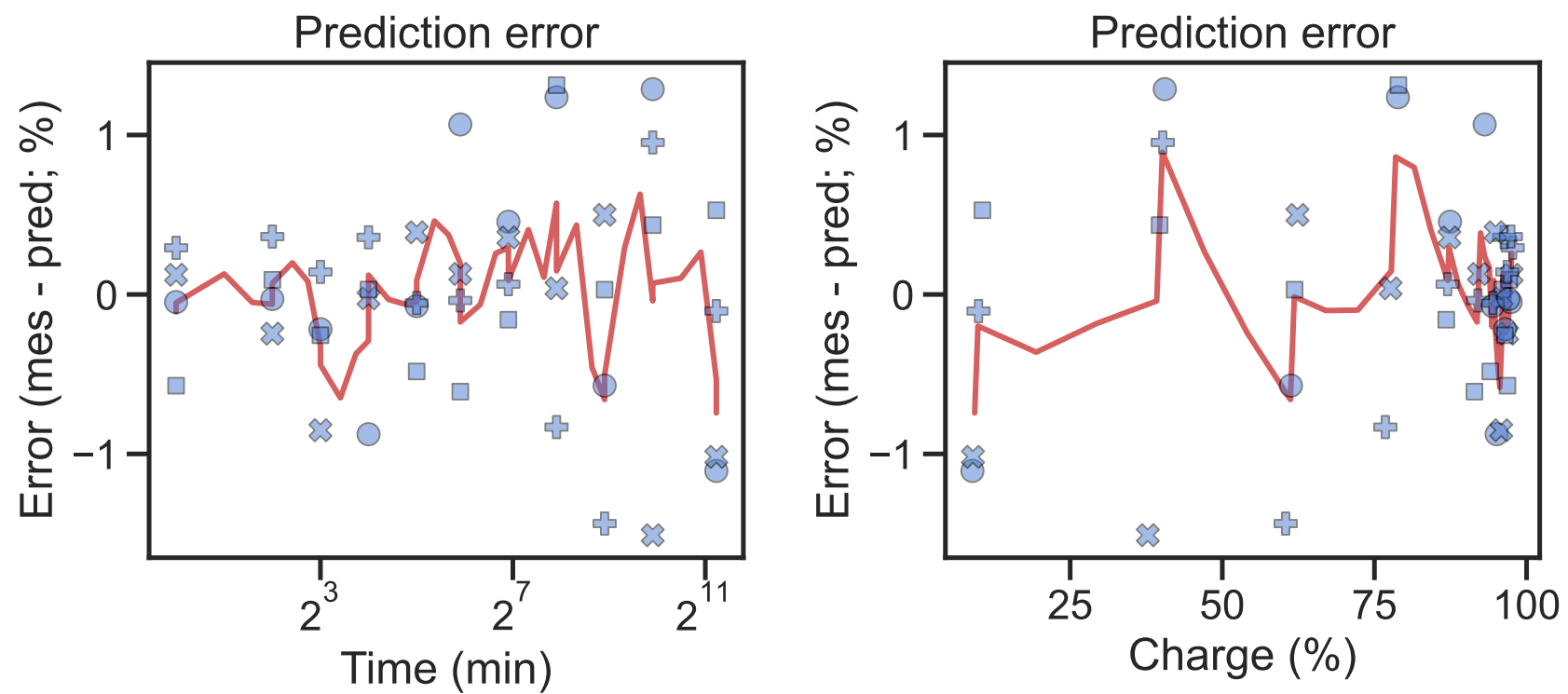
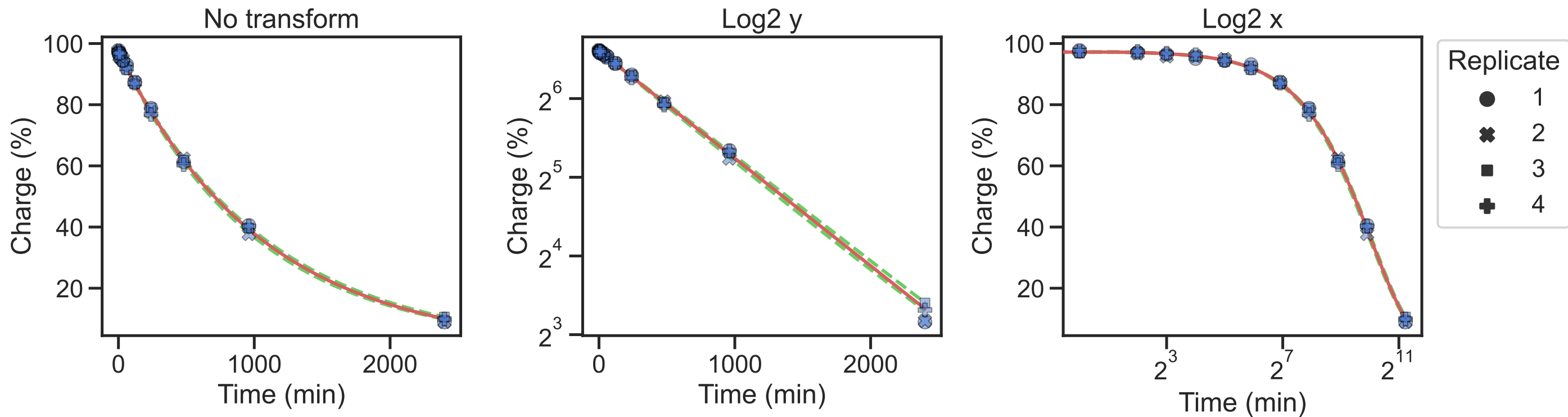
Gly-TCC-1-1 half-life=726min, 95% CI (673; 756)



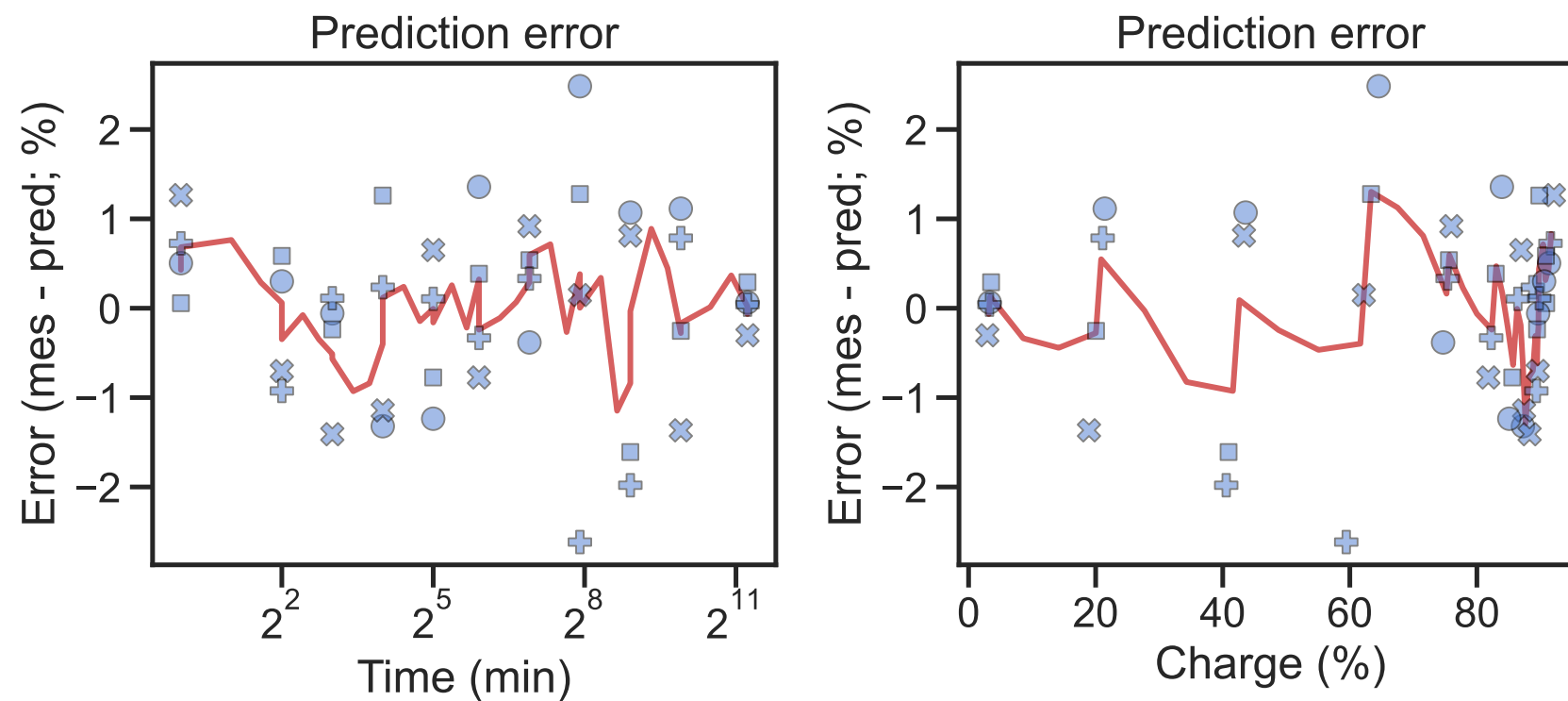
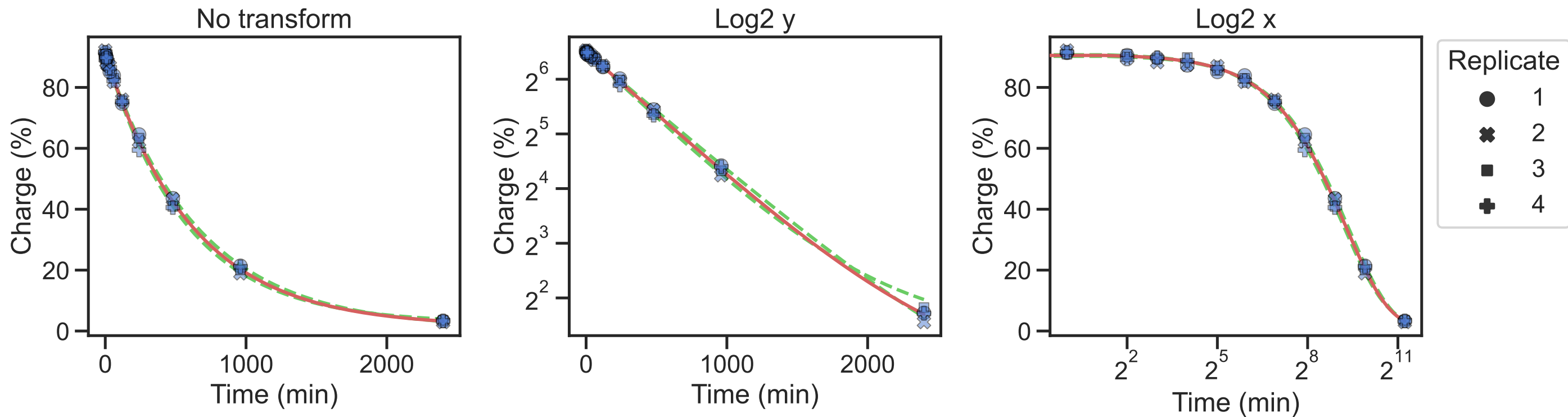
Gly-TCC-2-1 half-life=721 min, 95% CI (683; 739)



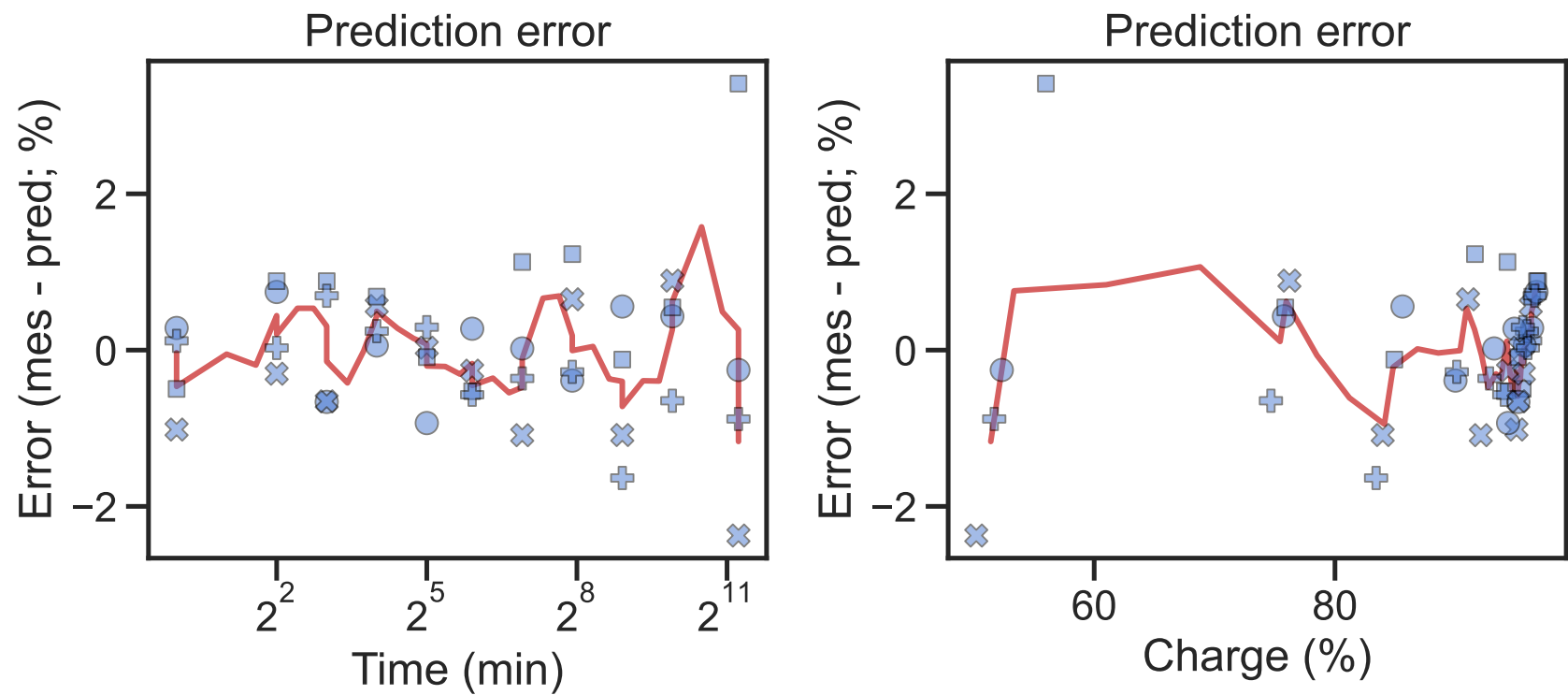
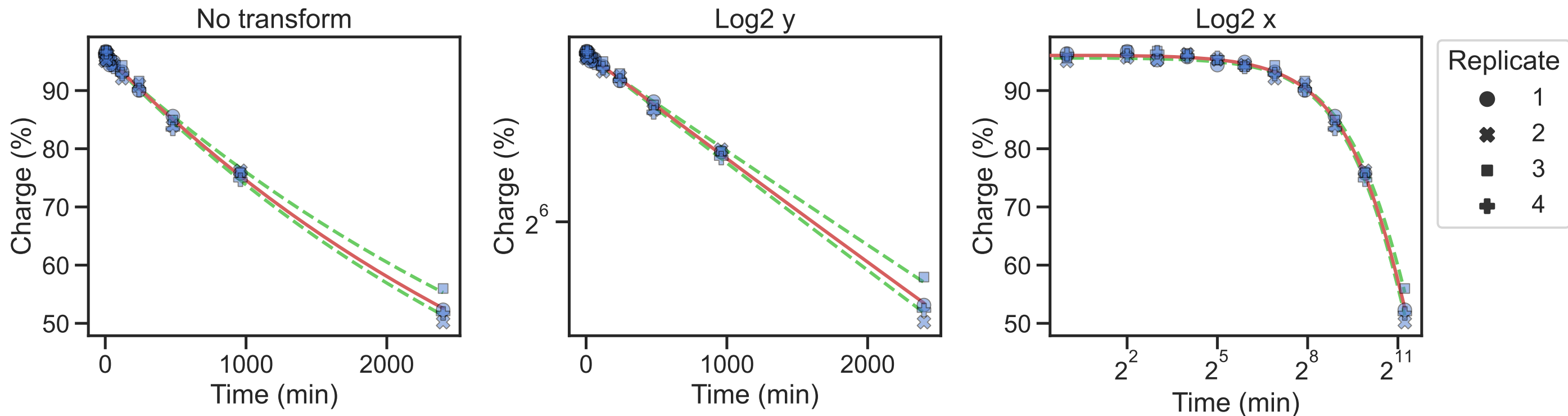
Gly-TCC-3-1 half-life=732min, 95% CI (695; 750)



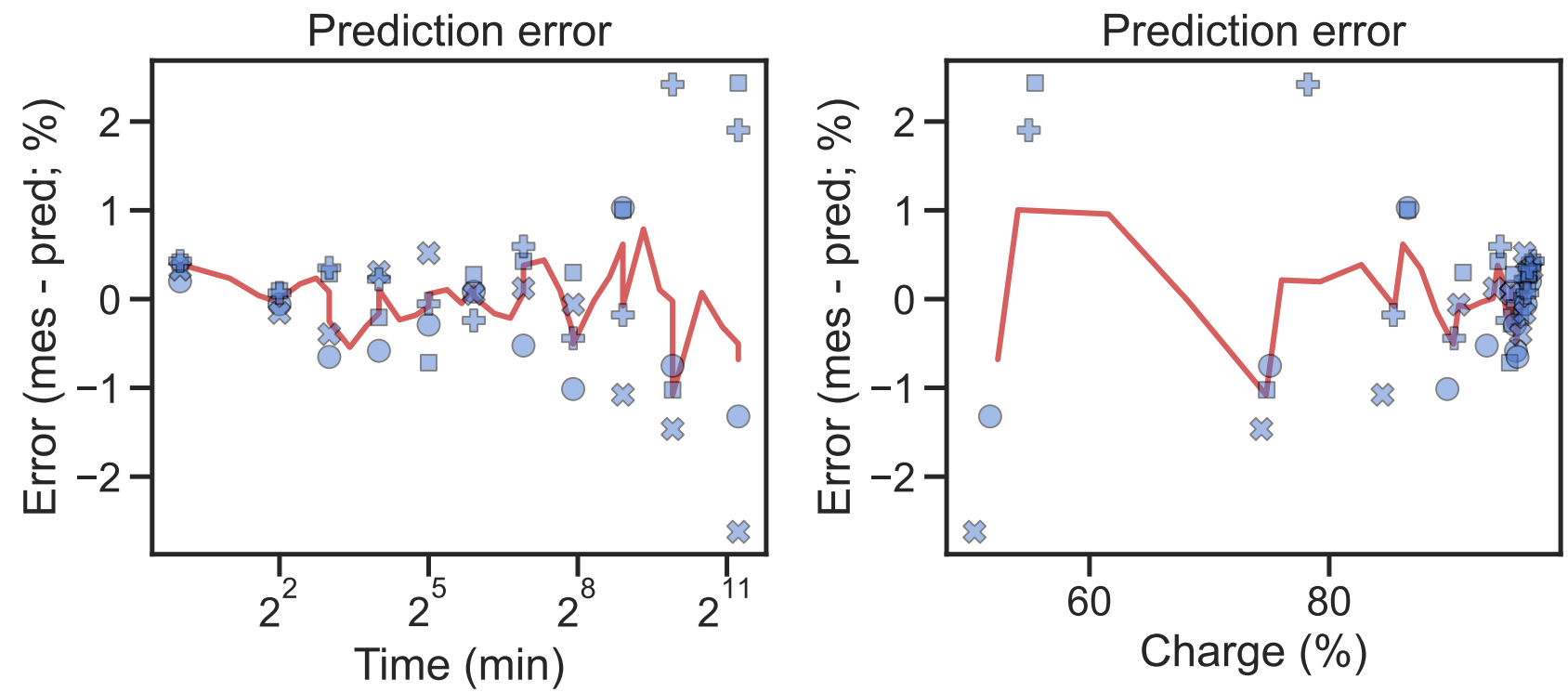
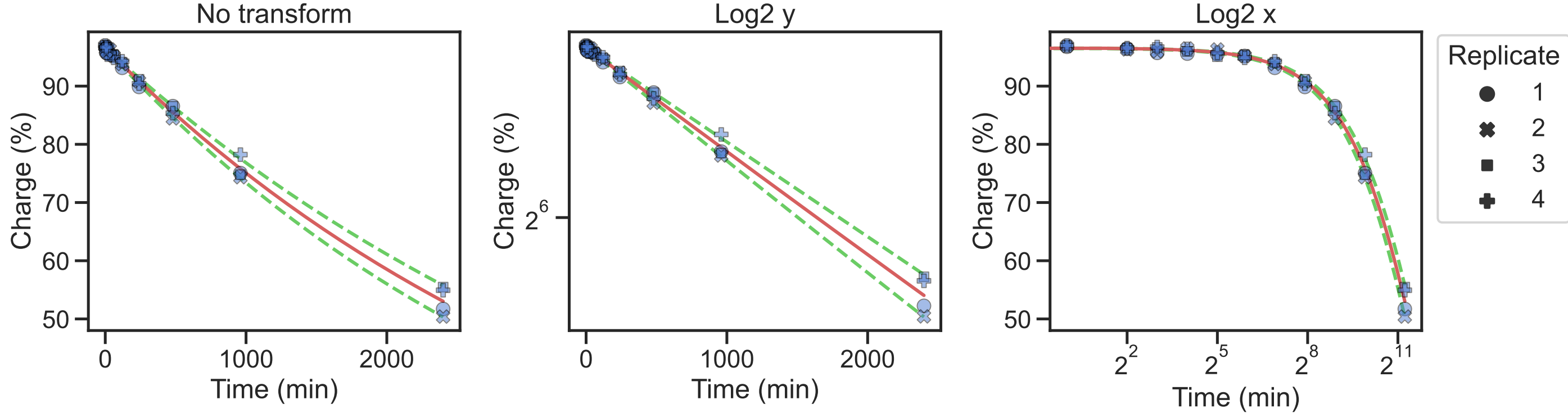
His-GTG-1-1 half-life=428min, 95% CI (398; 456)



Ile-AAT-2-1 half-life=2620 min, 95% CI (2526; 2888)

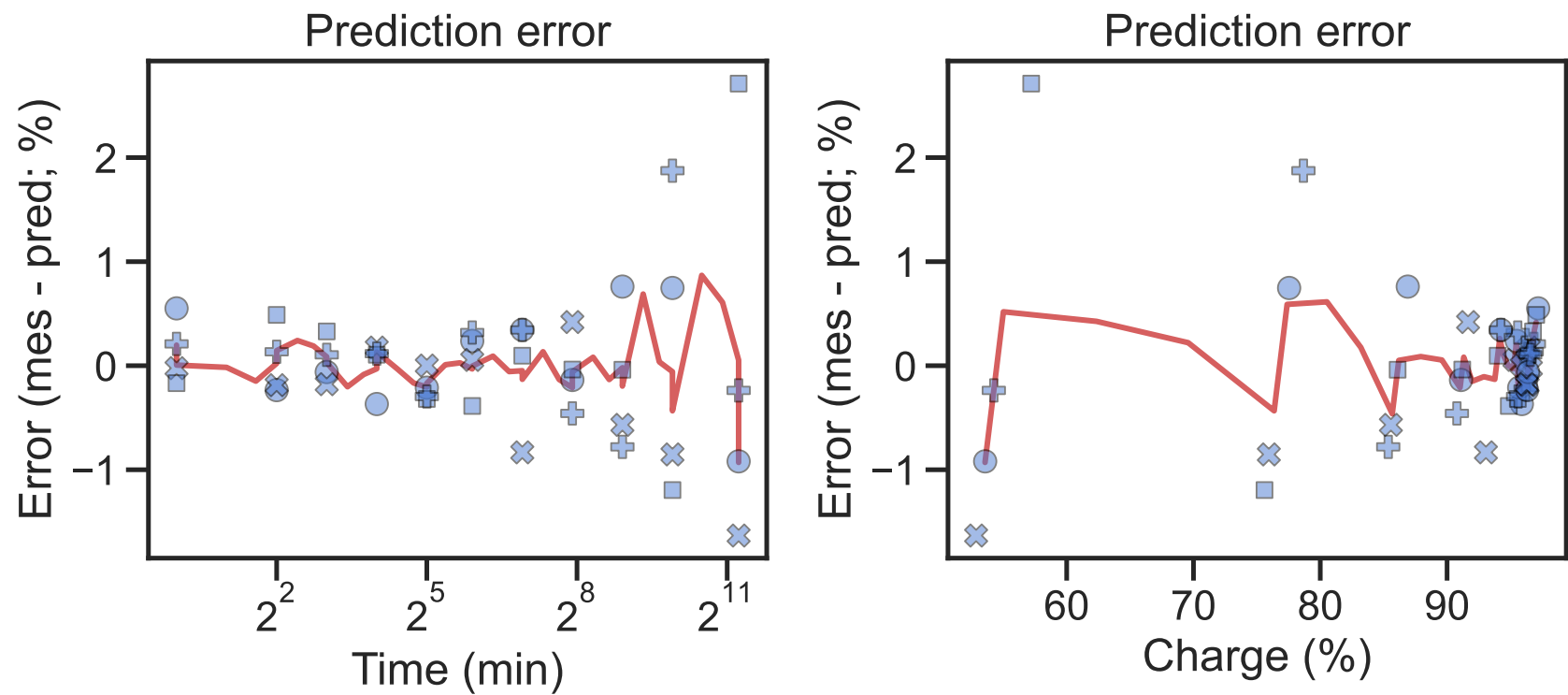
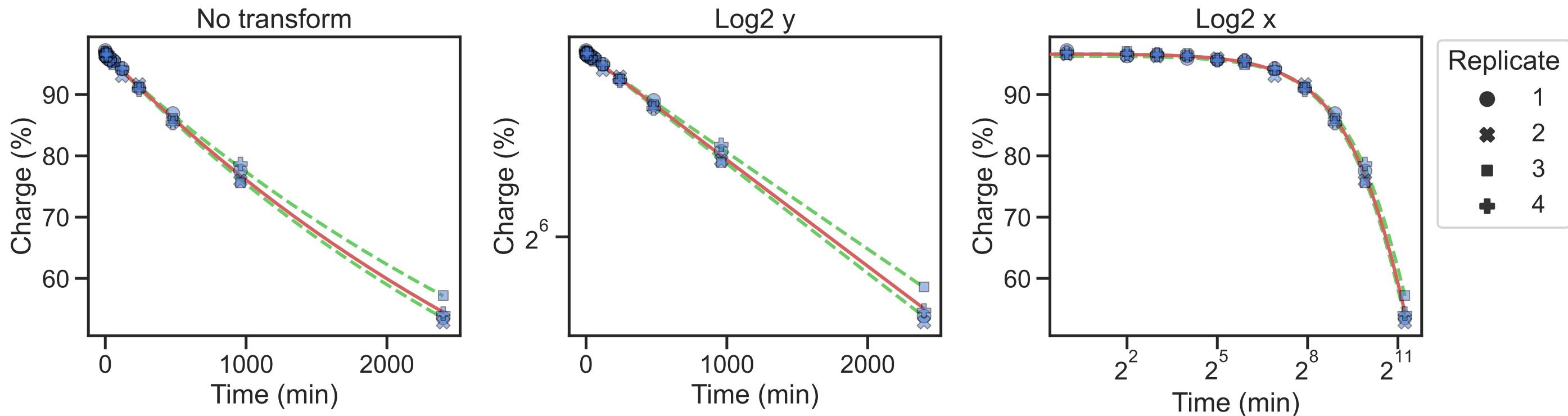


Ile-AAT-4-1 half-life=2638 min, 95% CI (2425; 3030)

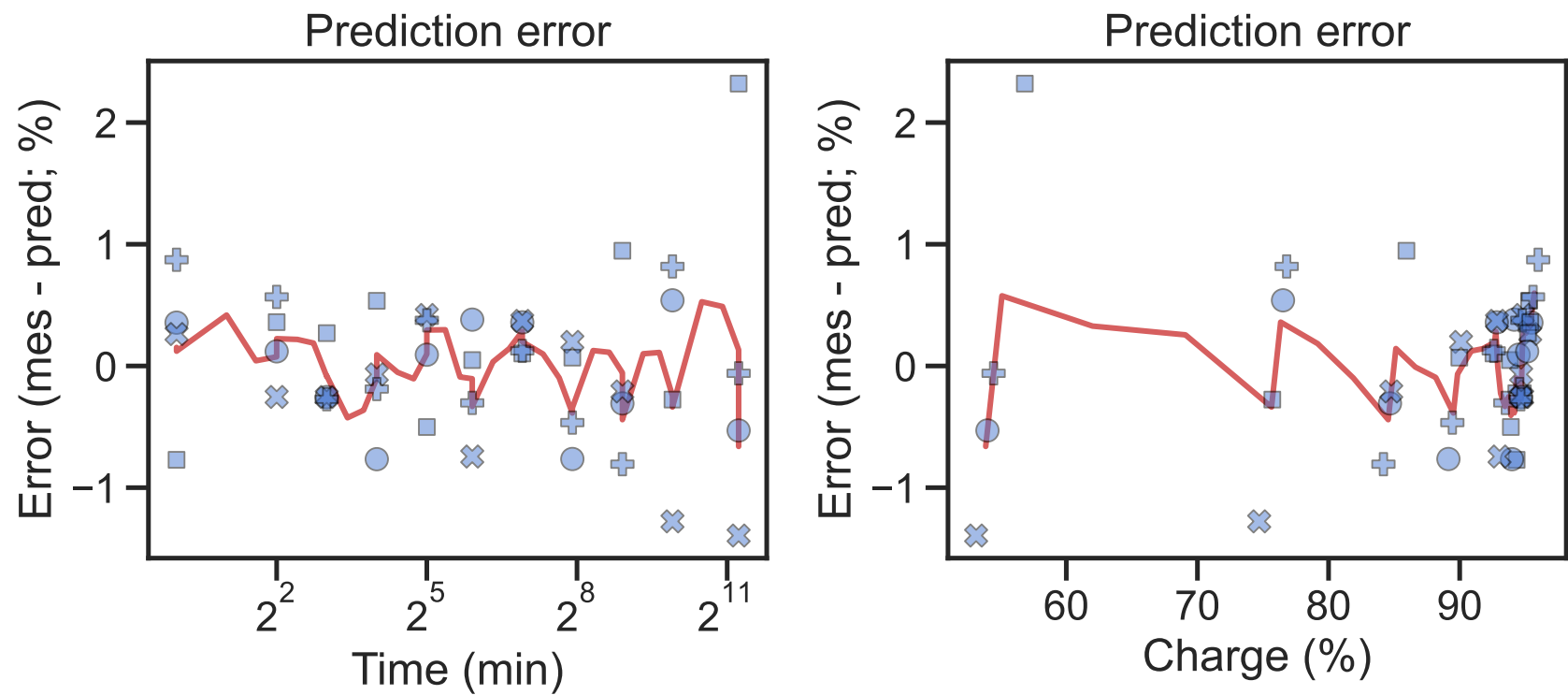
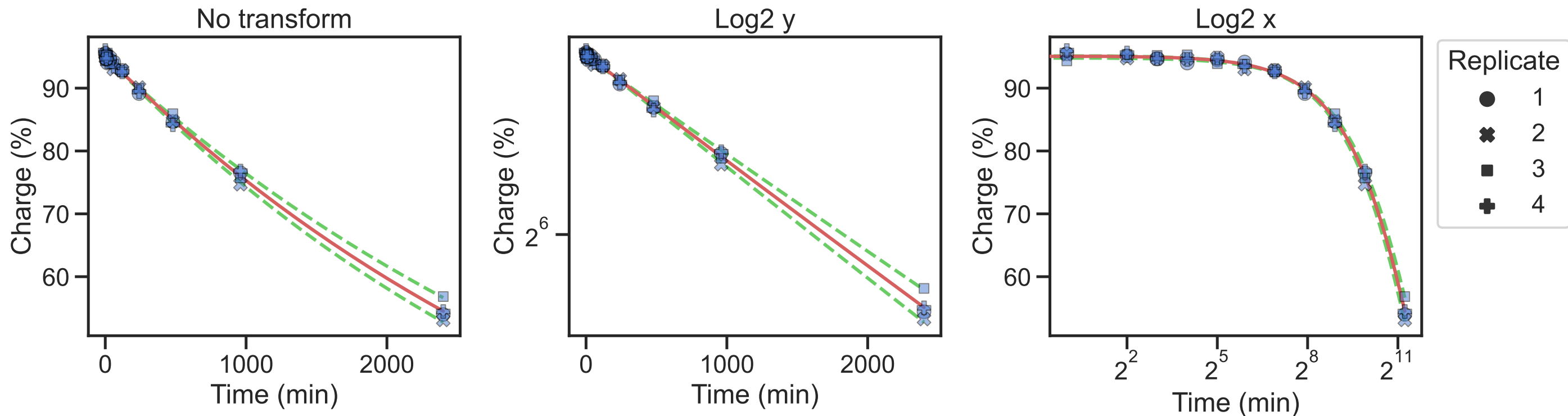




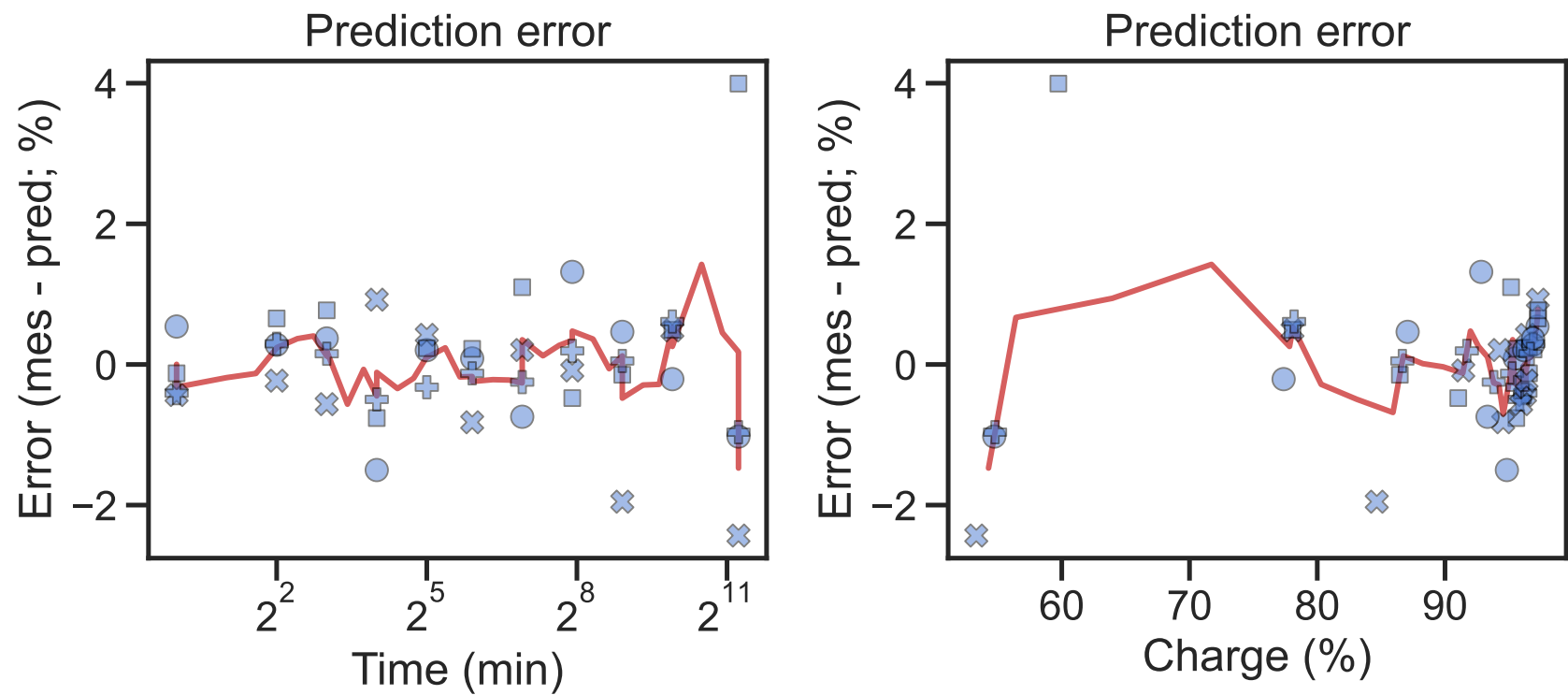
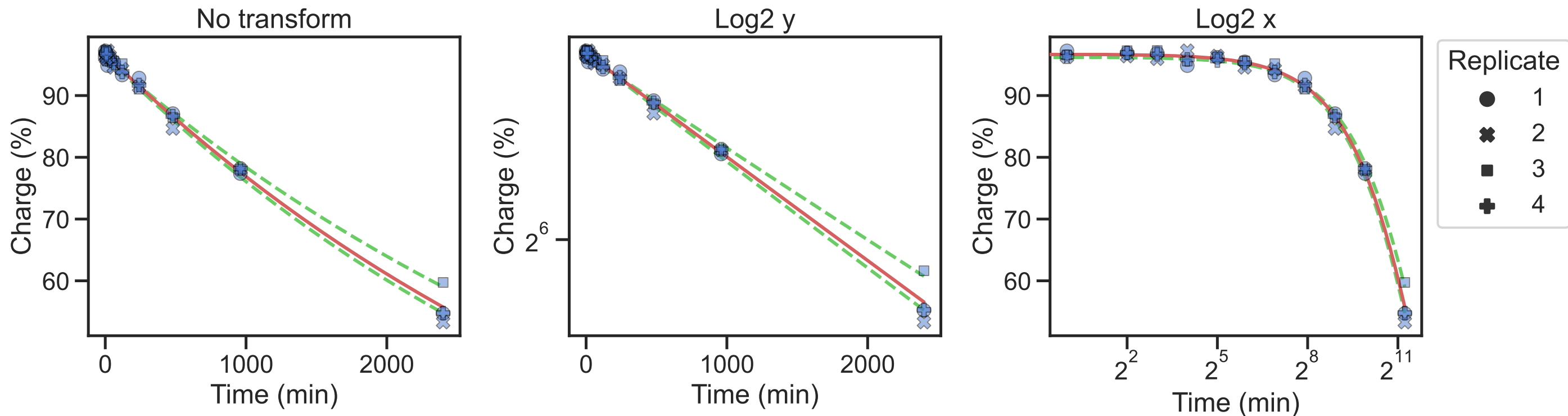
Ile-AAT-5-1 half-life=2857 min, 95% CI (2674; 3034)



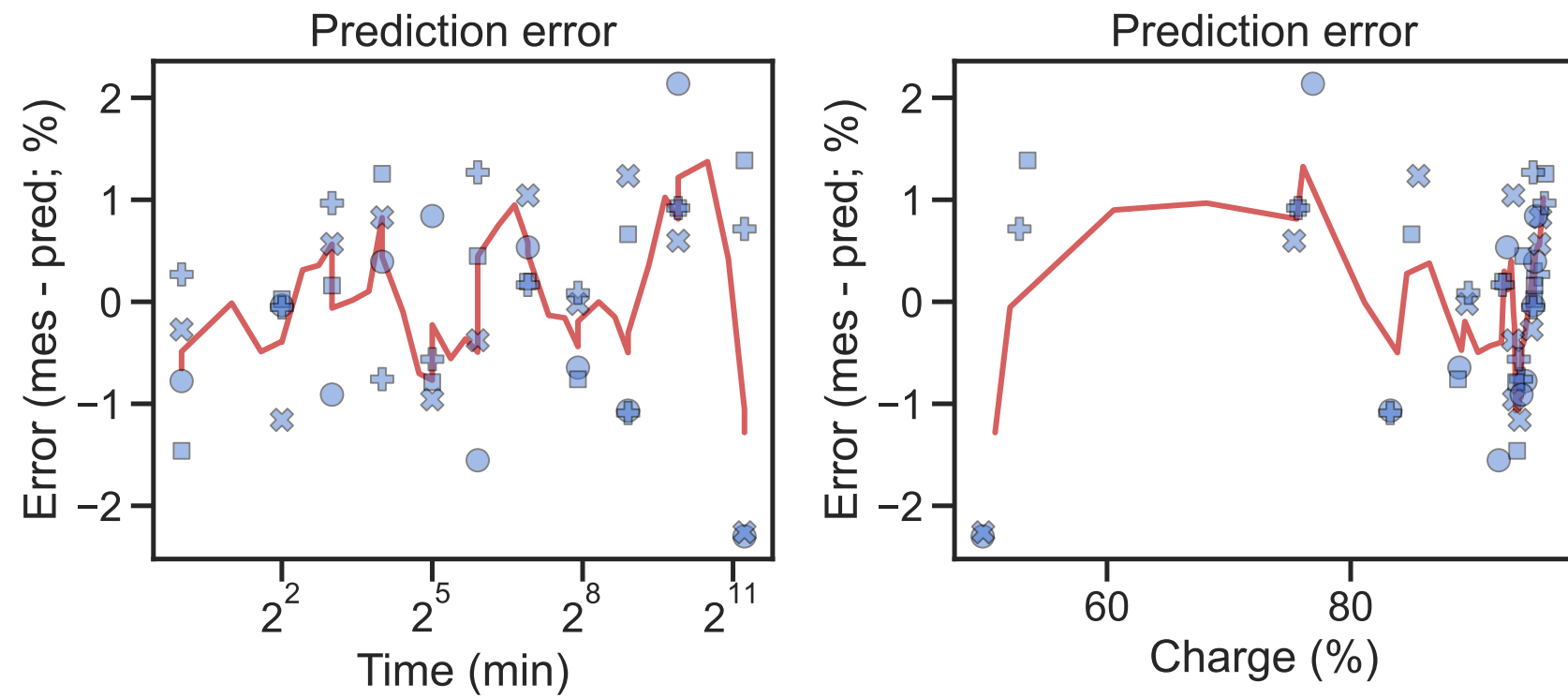
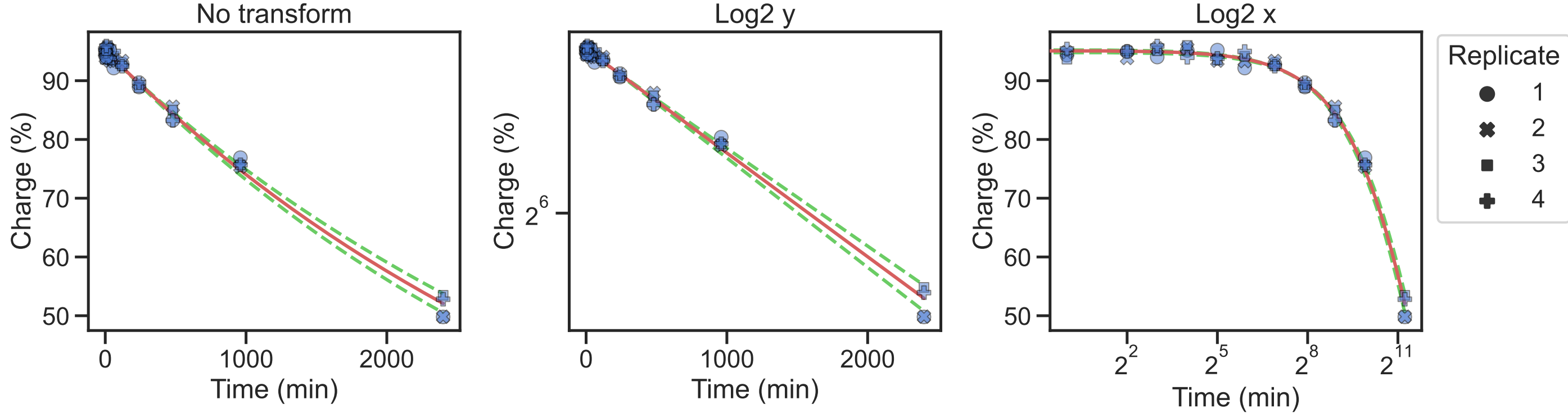
Ile-AAT-6-1 half-life=2841 min, 95% CI (2679; 3079)



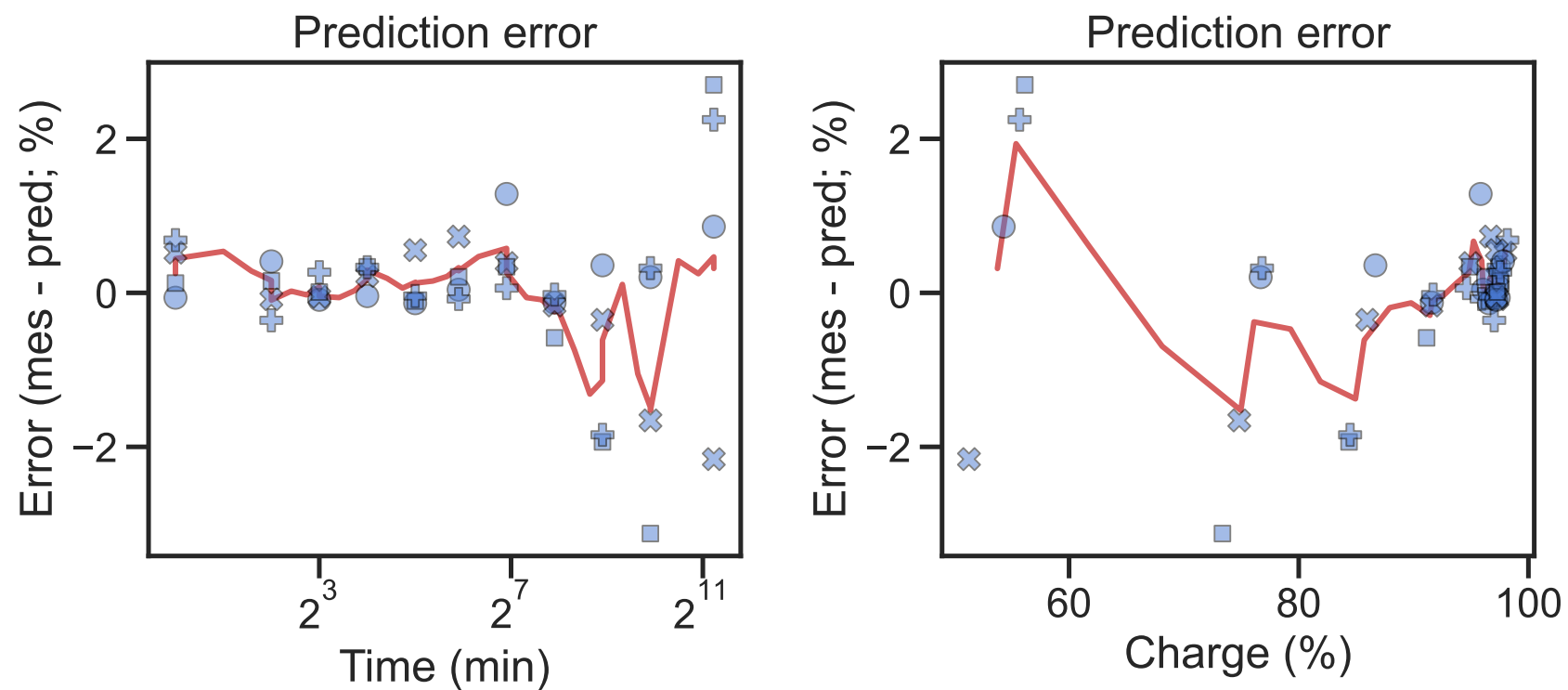
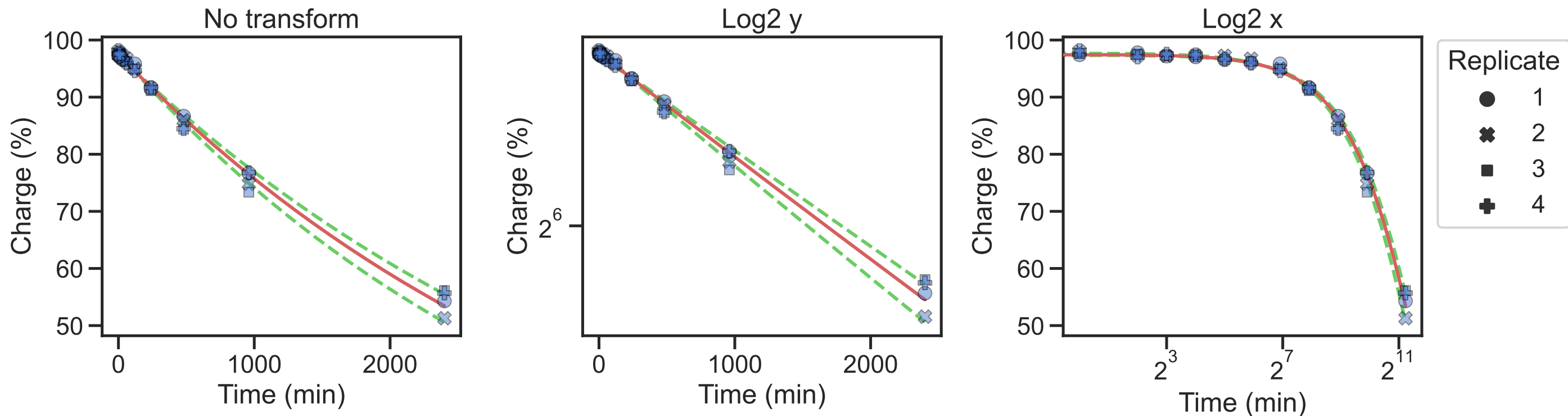
Ile-AAT-7-1 half-life=3020 min, 95% CI (2791; 3242)



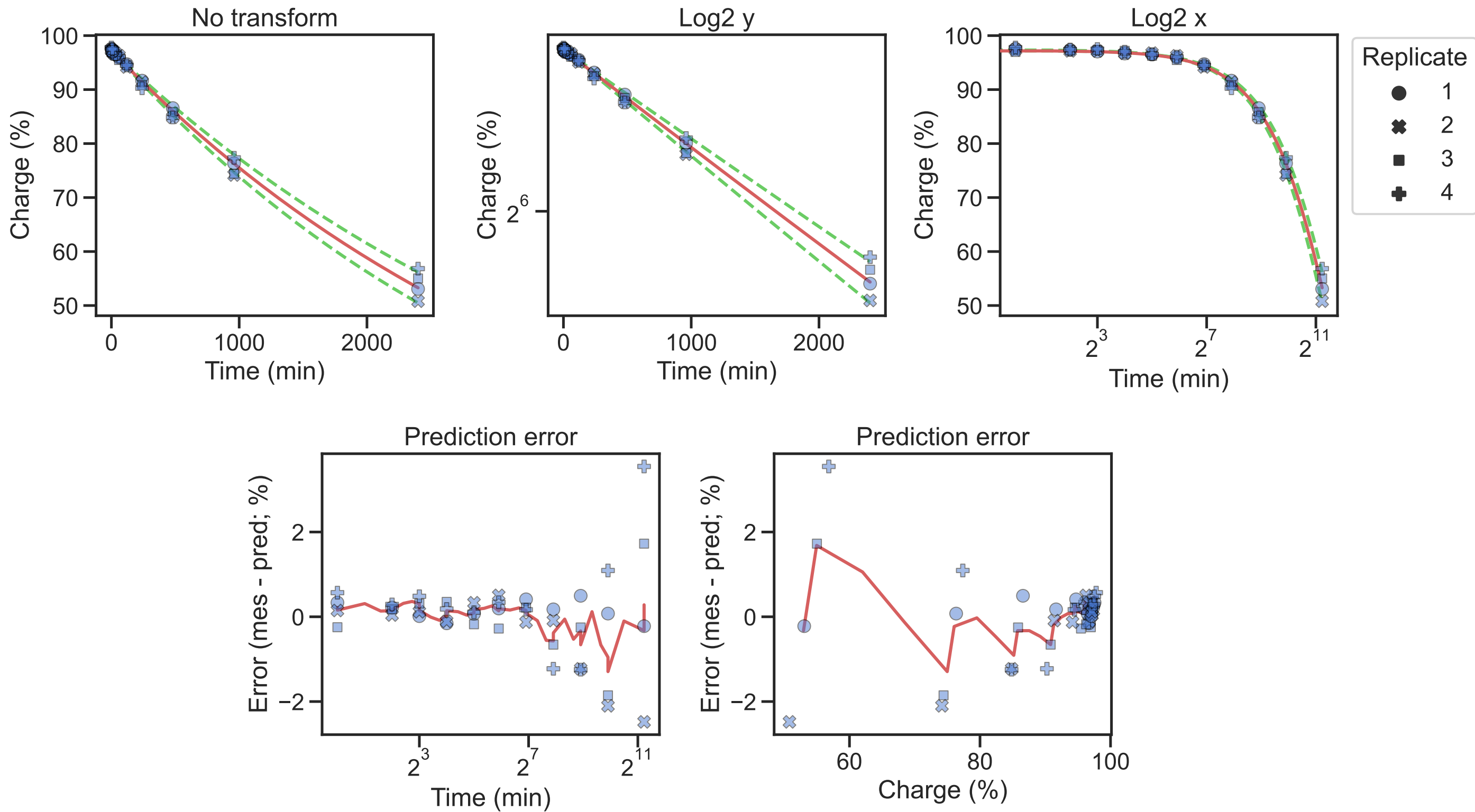
Ile-AAT-8-1 half-life=2763 min, 95% CI (2621; 2931)



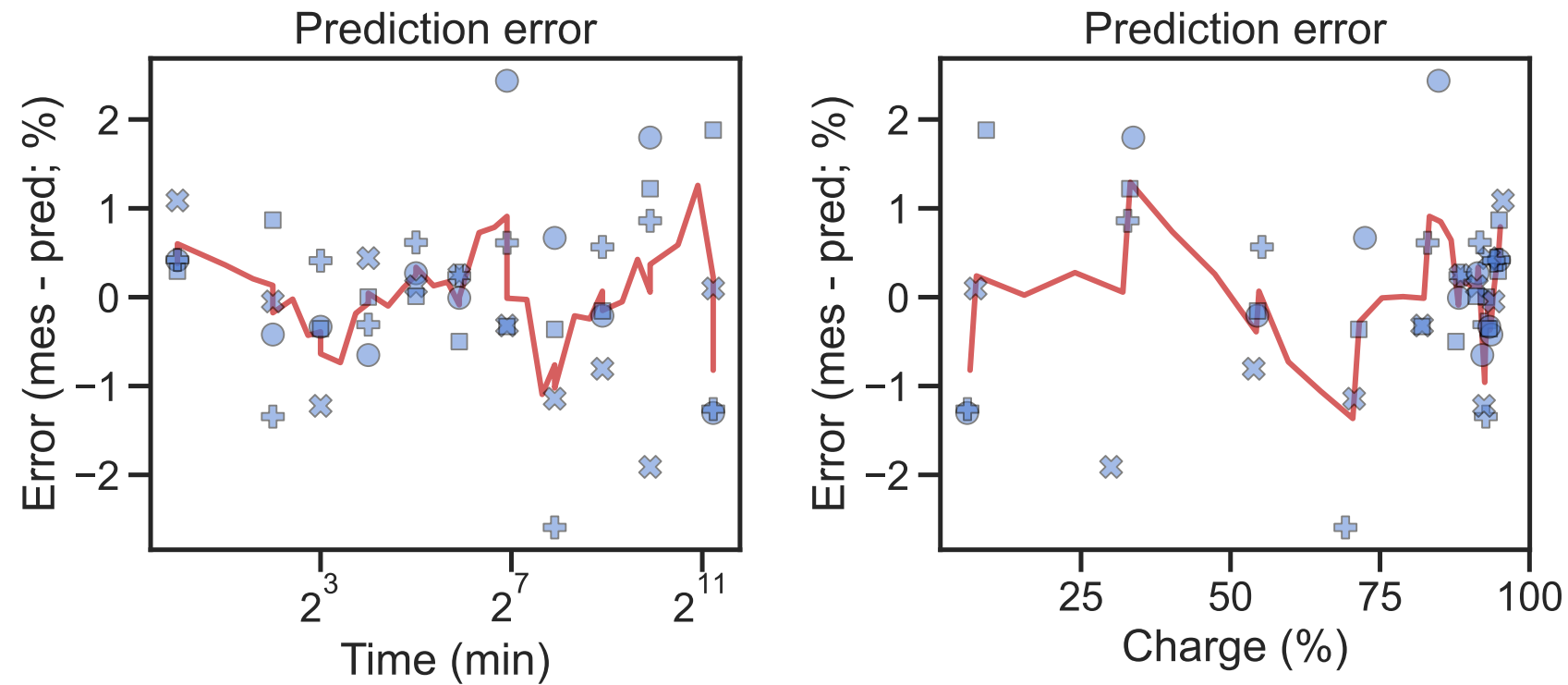
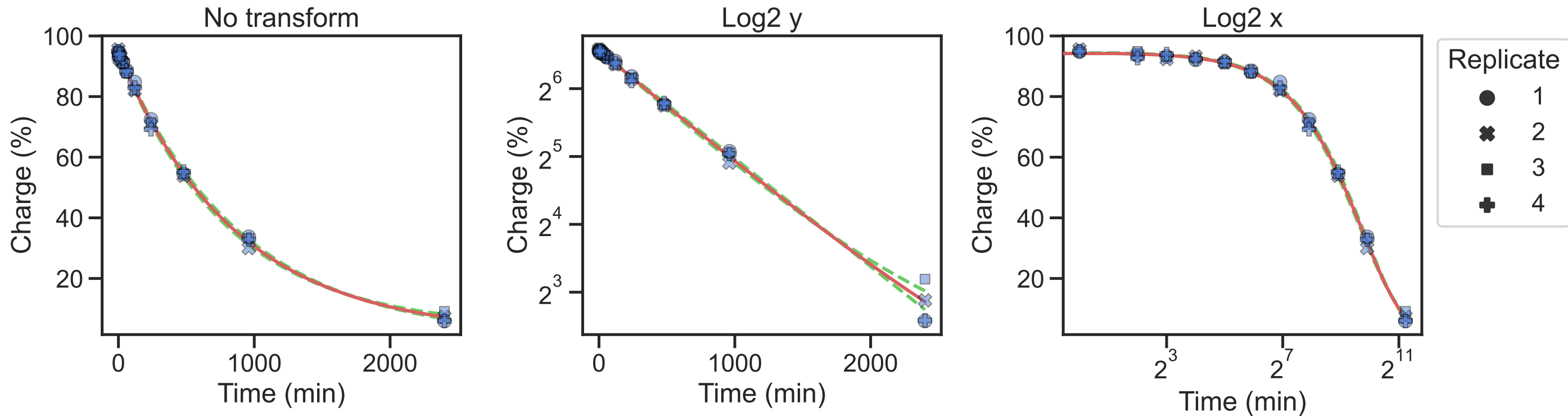
Ile-TAT-1-1 half-life=2632 min, 95% CI (2400; 2815)



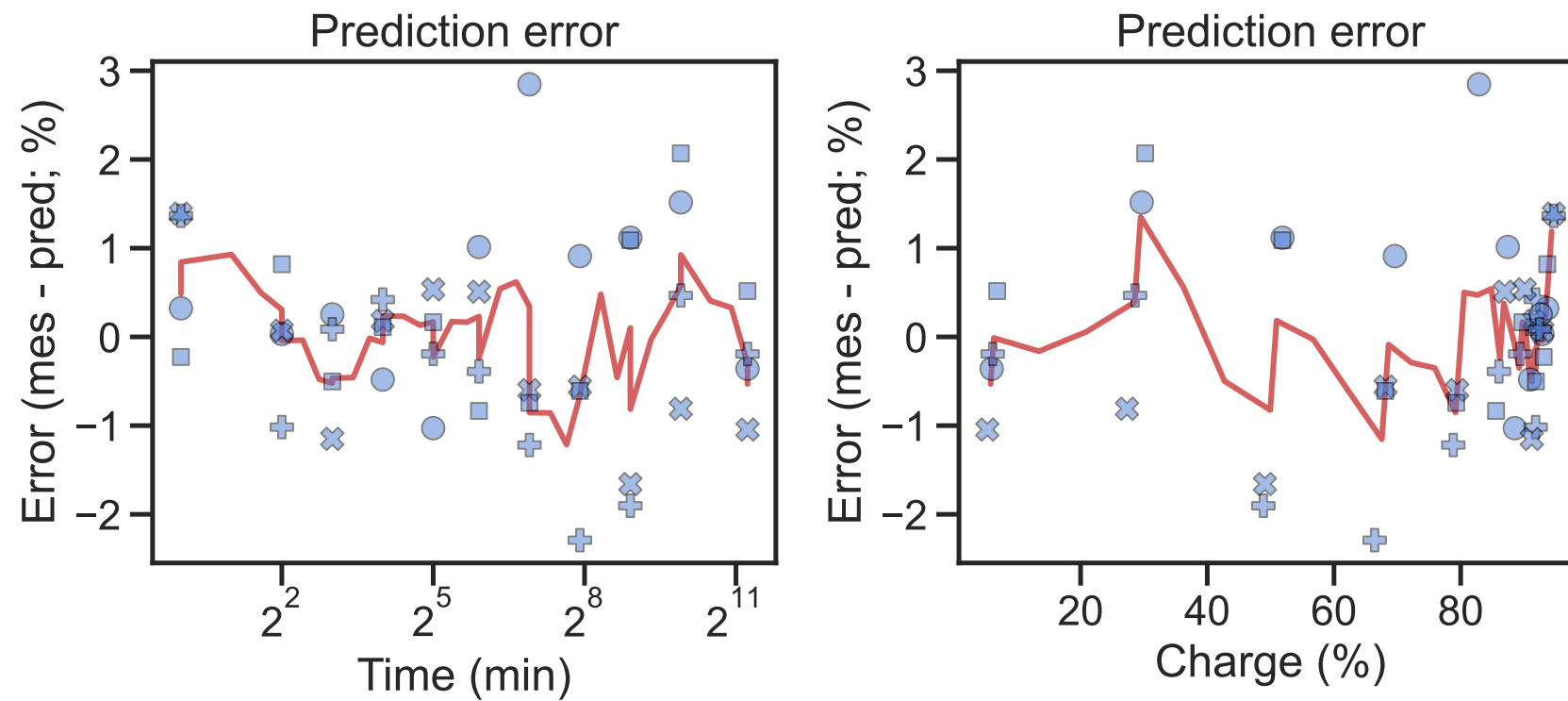
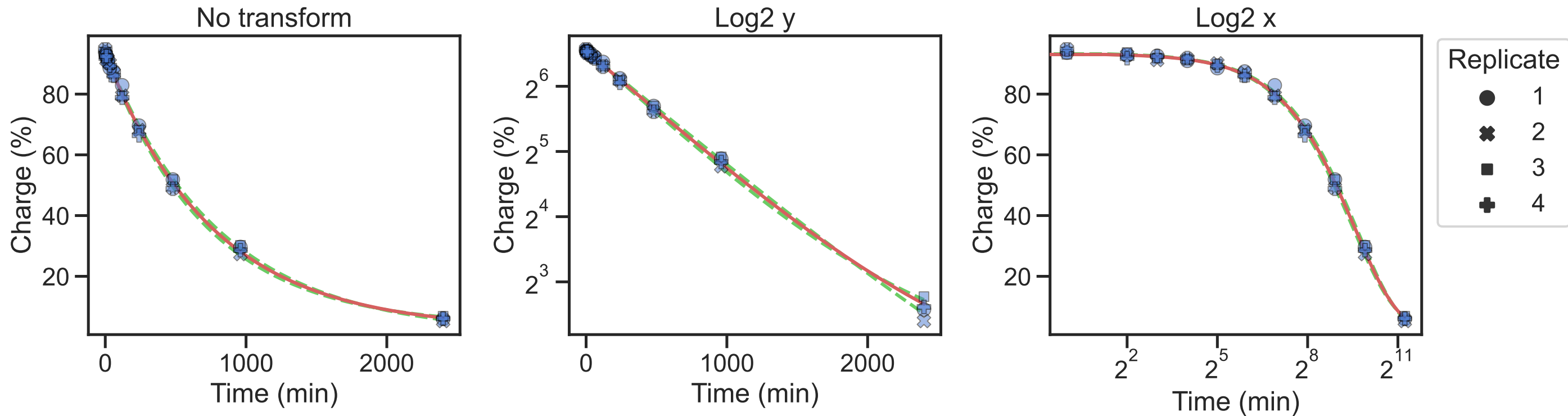
Ile-TAT-2-1 half-life=2629 min, 95% CI (2403; 2888)



Leu-AAG-1-1 half-life=595 min, 95% CI (557; 628)

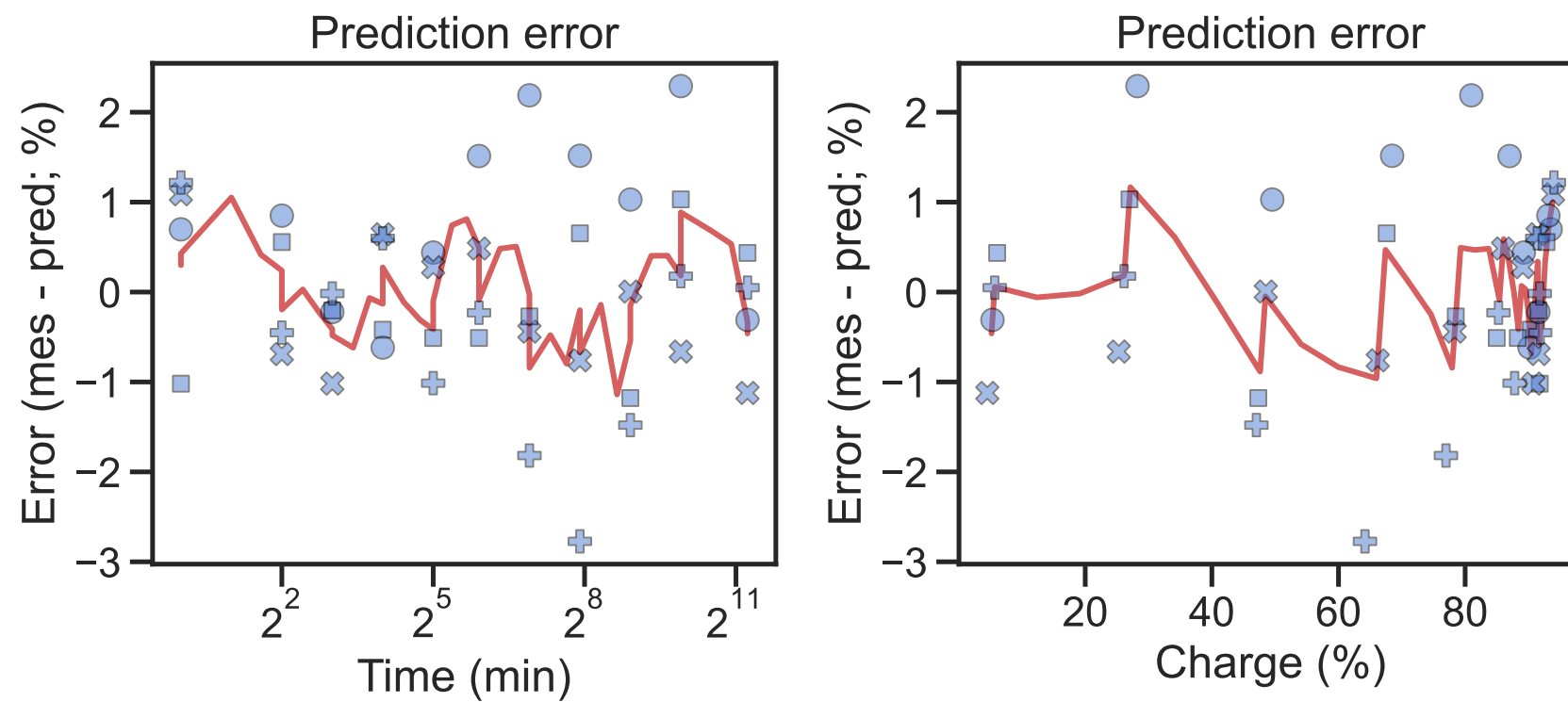
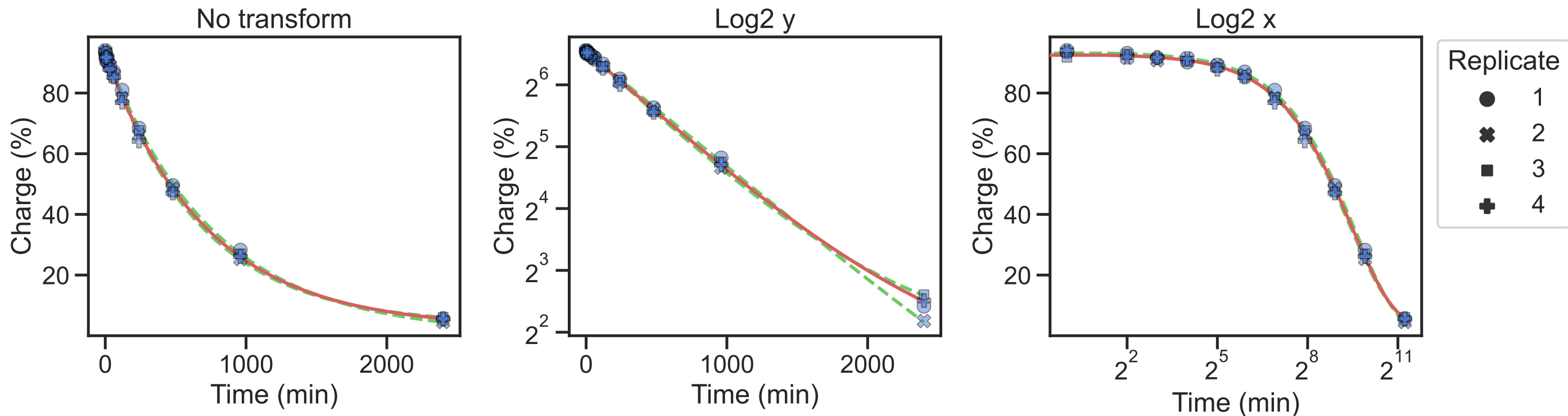


Leu-AAG-2-1 half-life=526 min, 95% CI (494; 562)

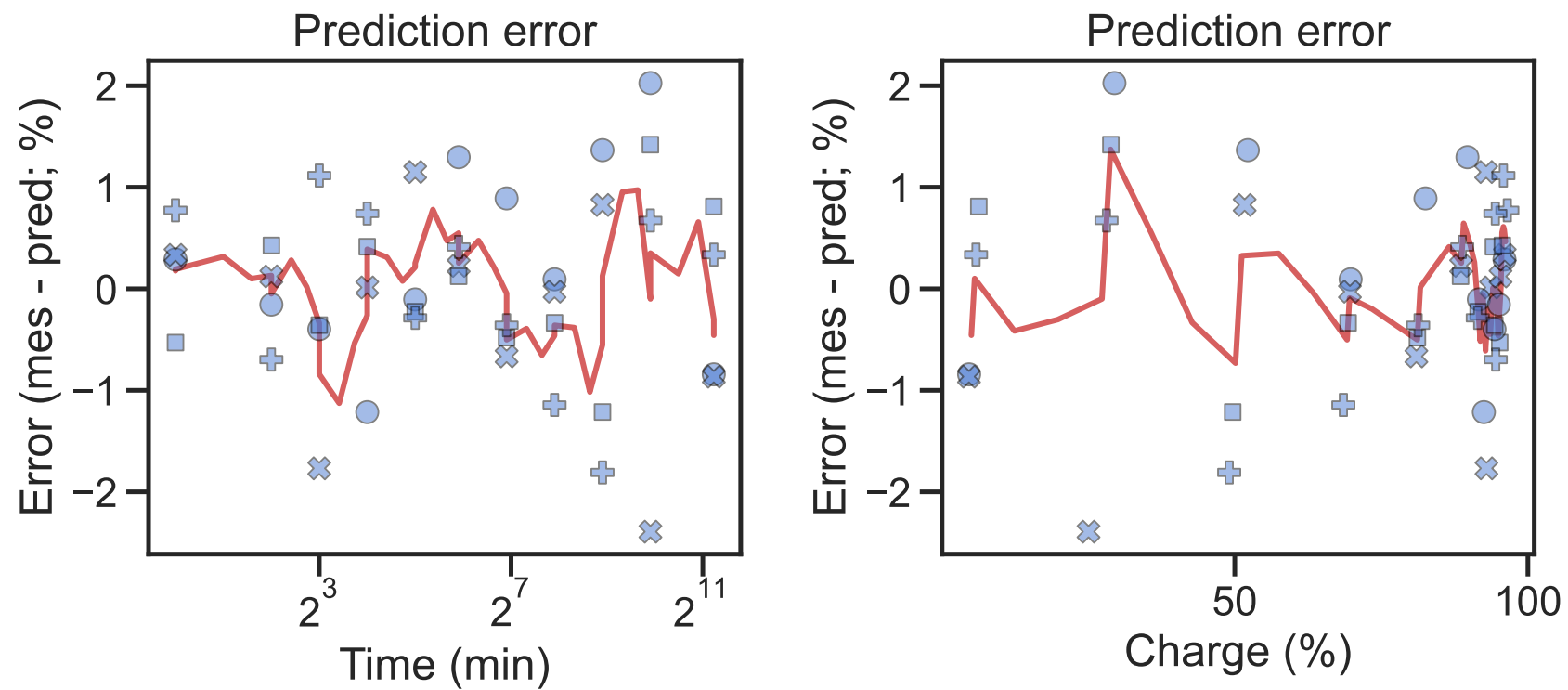
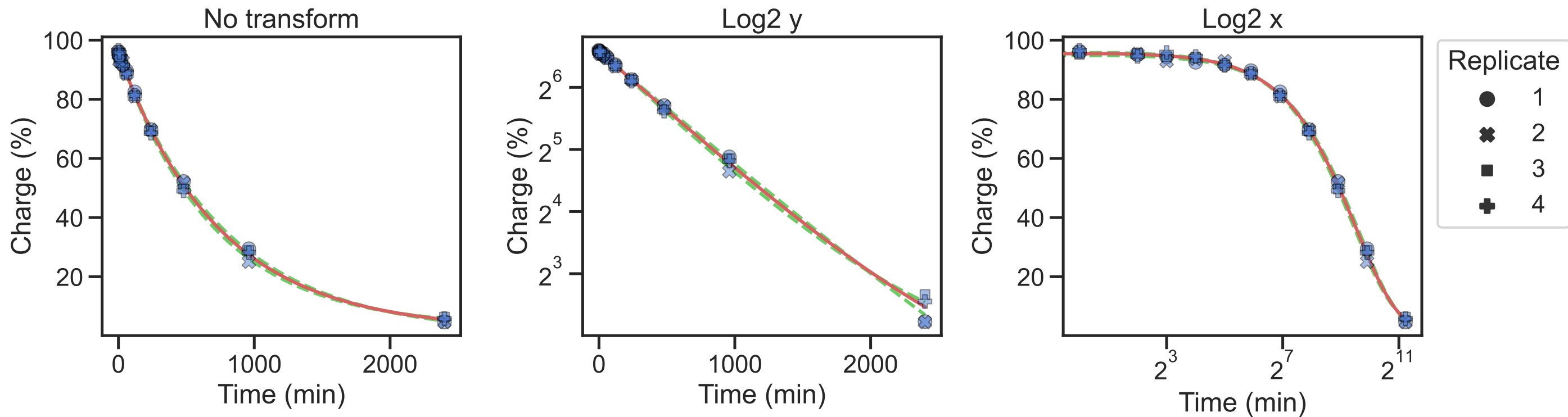




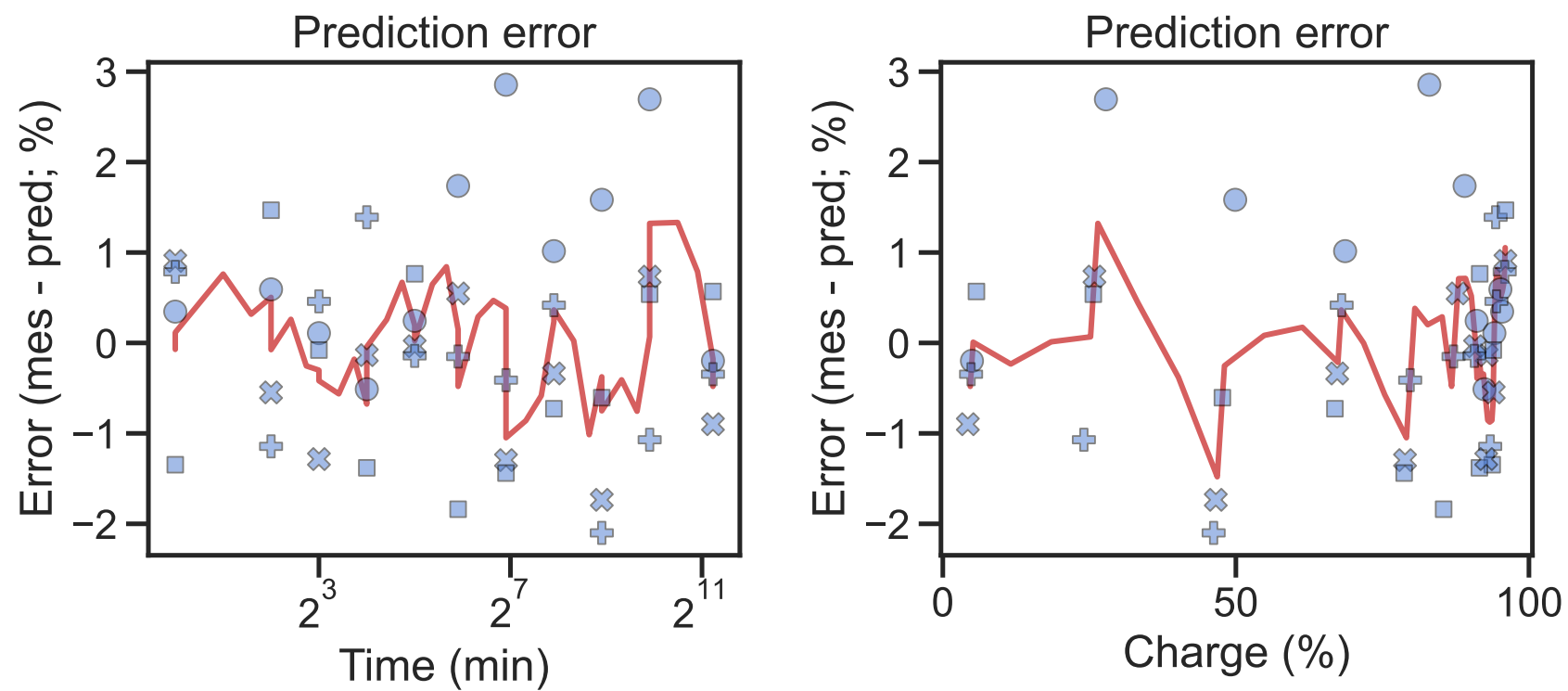
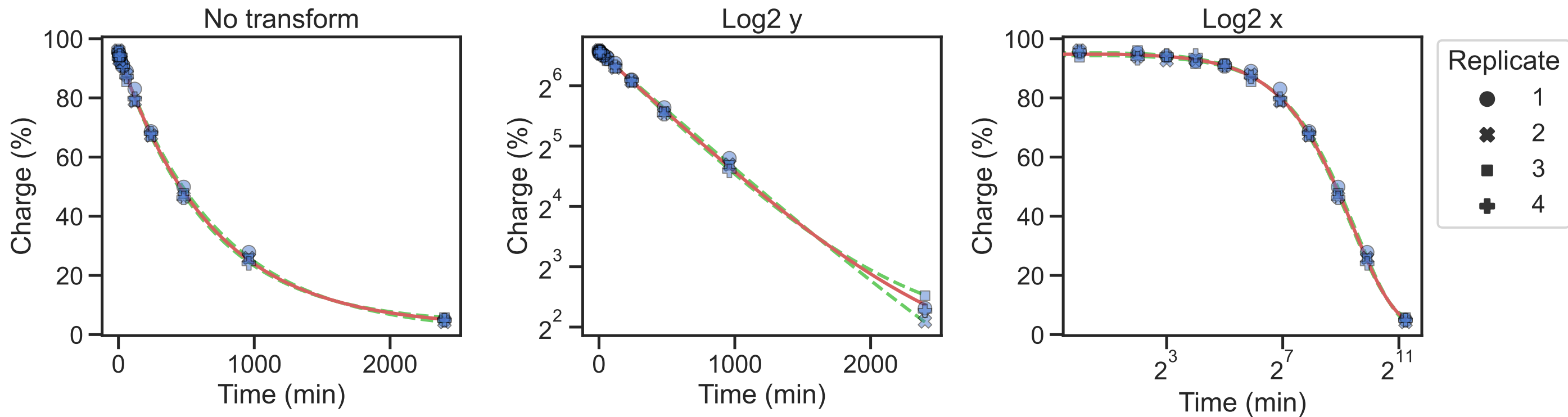
Leu-CAA-1-1 half-life=493 min, 95% CI (466; 530)



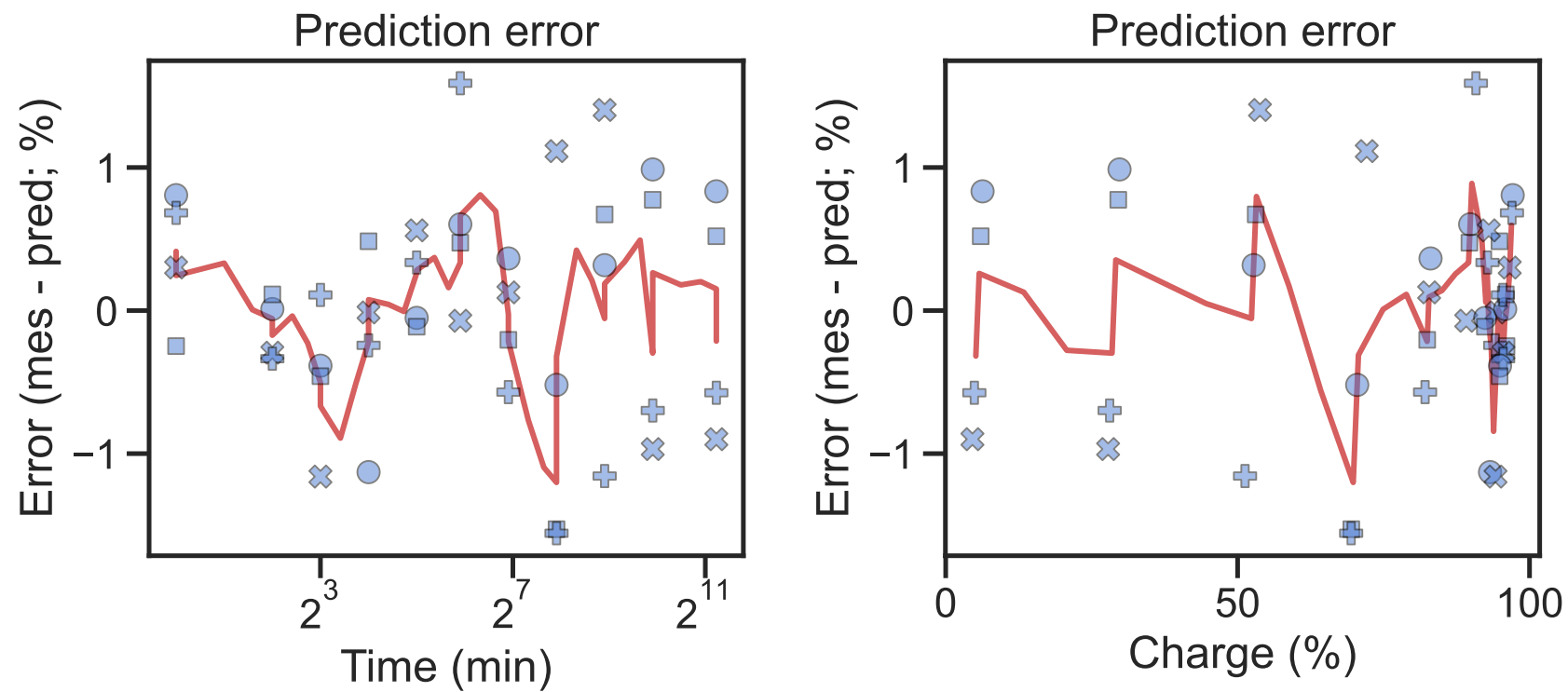
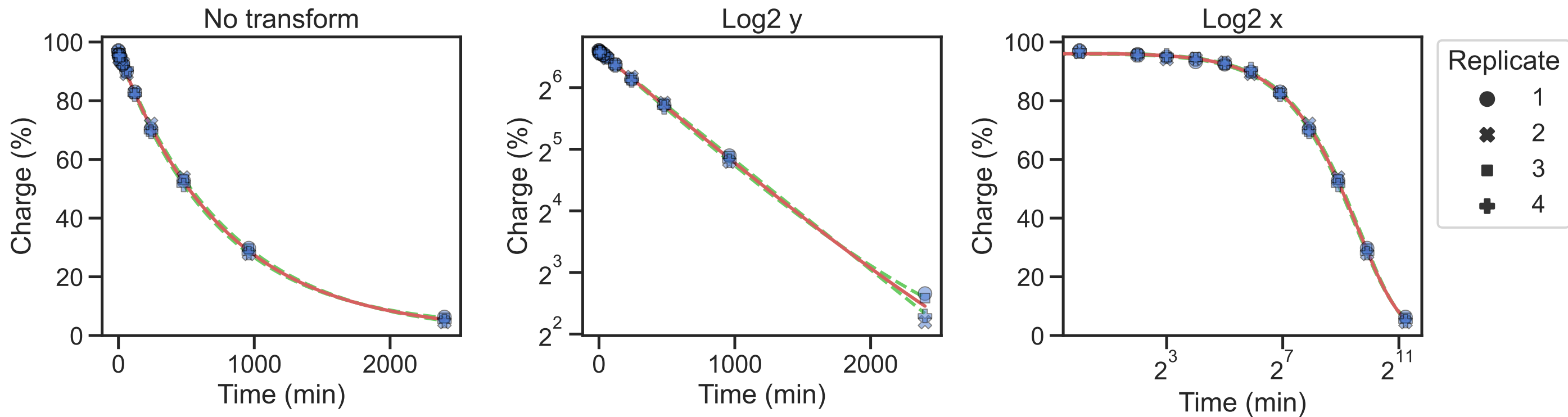
Leu-CAA-2-1 half-life=512 min, 95% CI (479; 546)



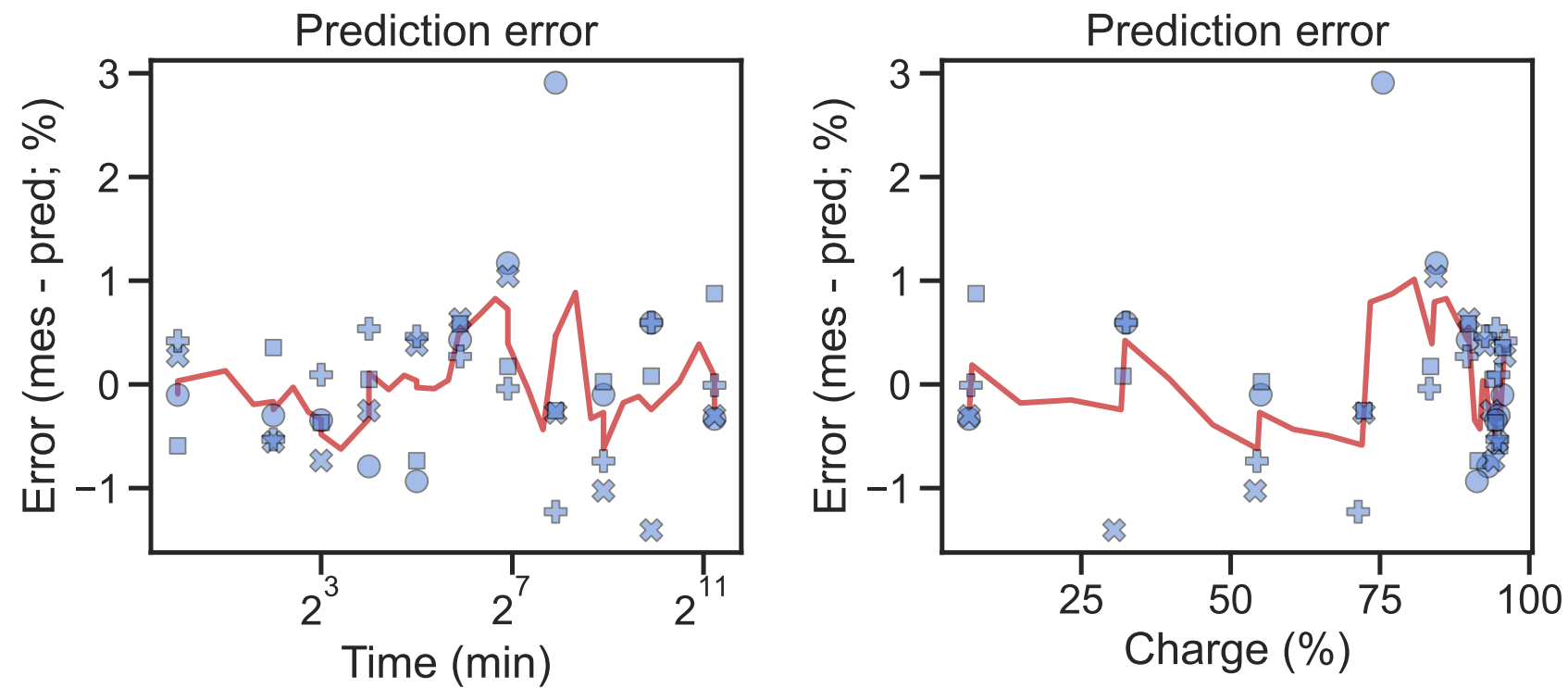
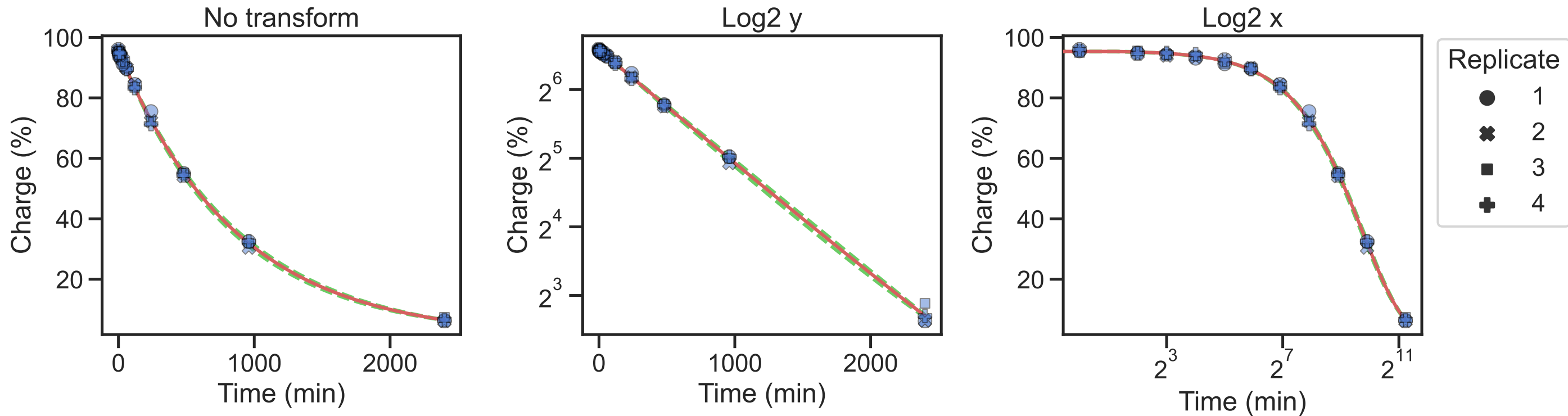
Leu-CAA-3-1 half-life=473 min, 95% CI (449; 509)



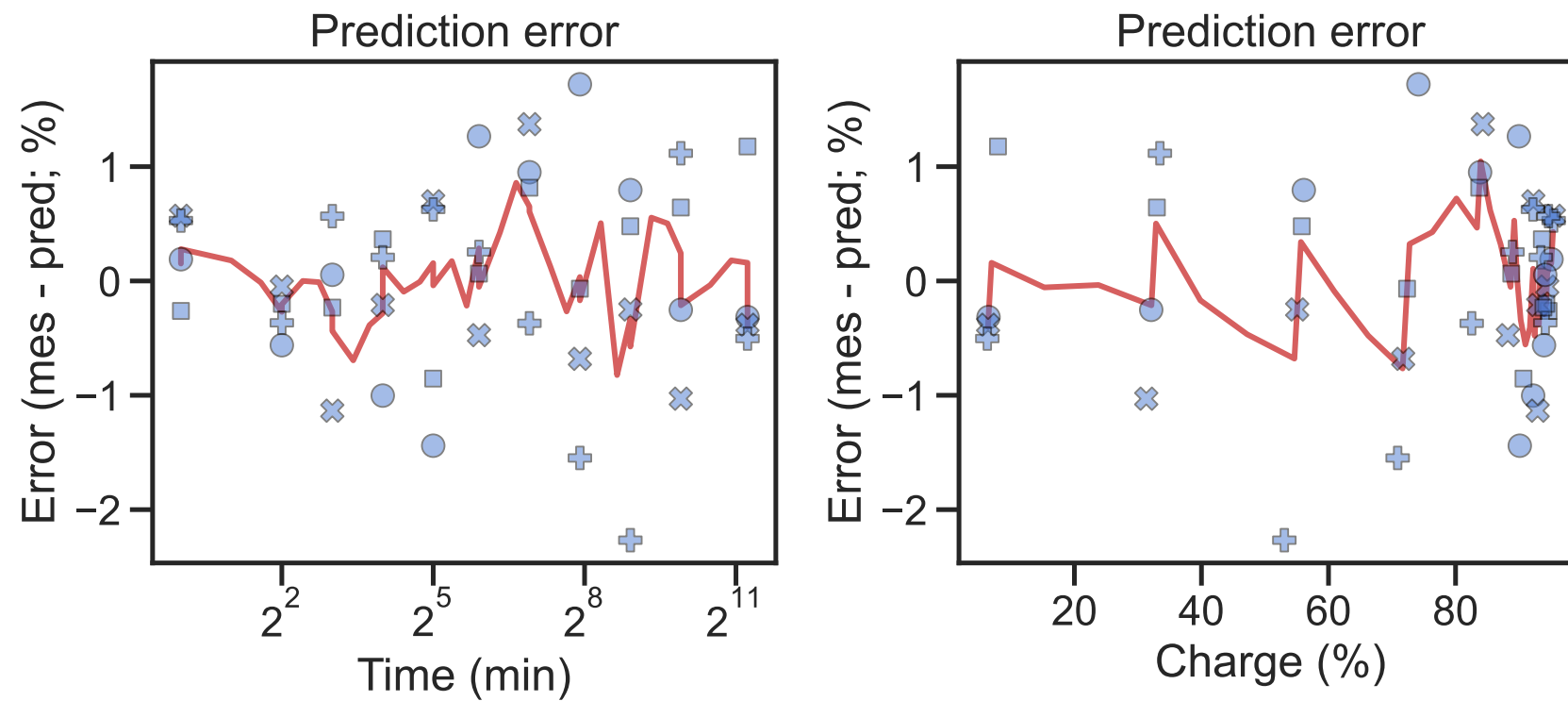
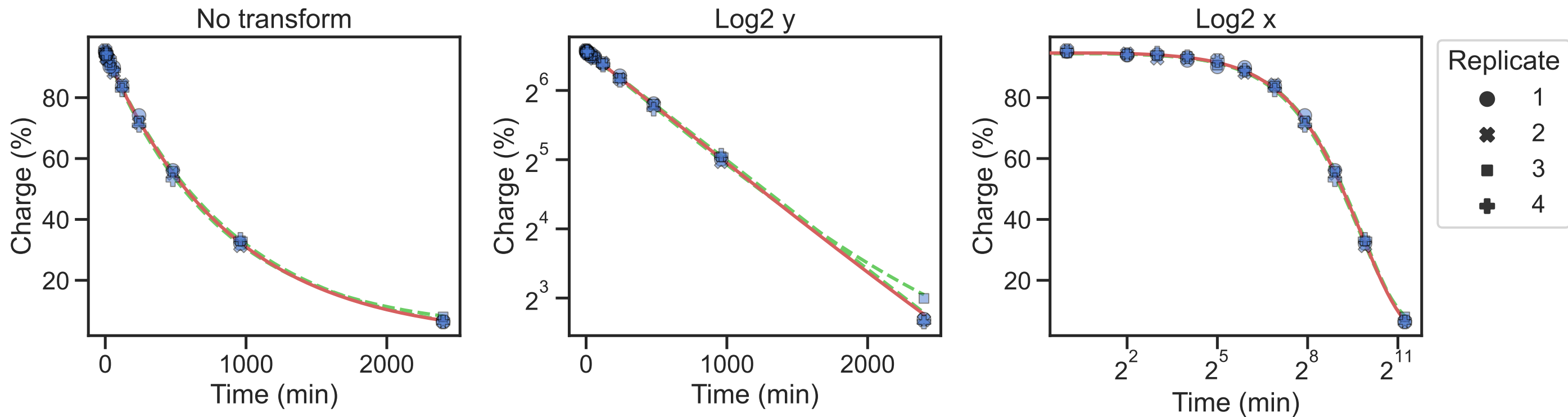
Leu-CAA-4-1 half-life=538 min, 95% CI (512; 564)



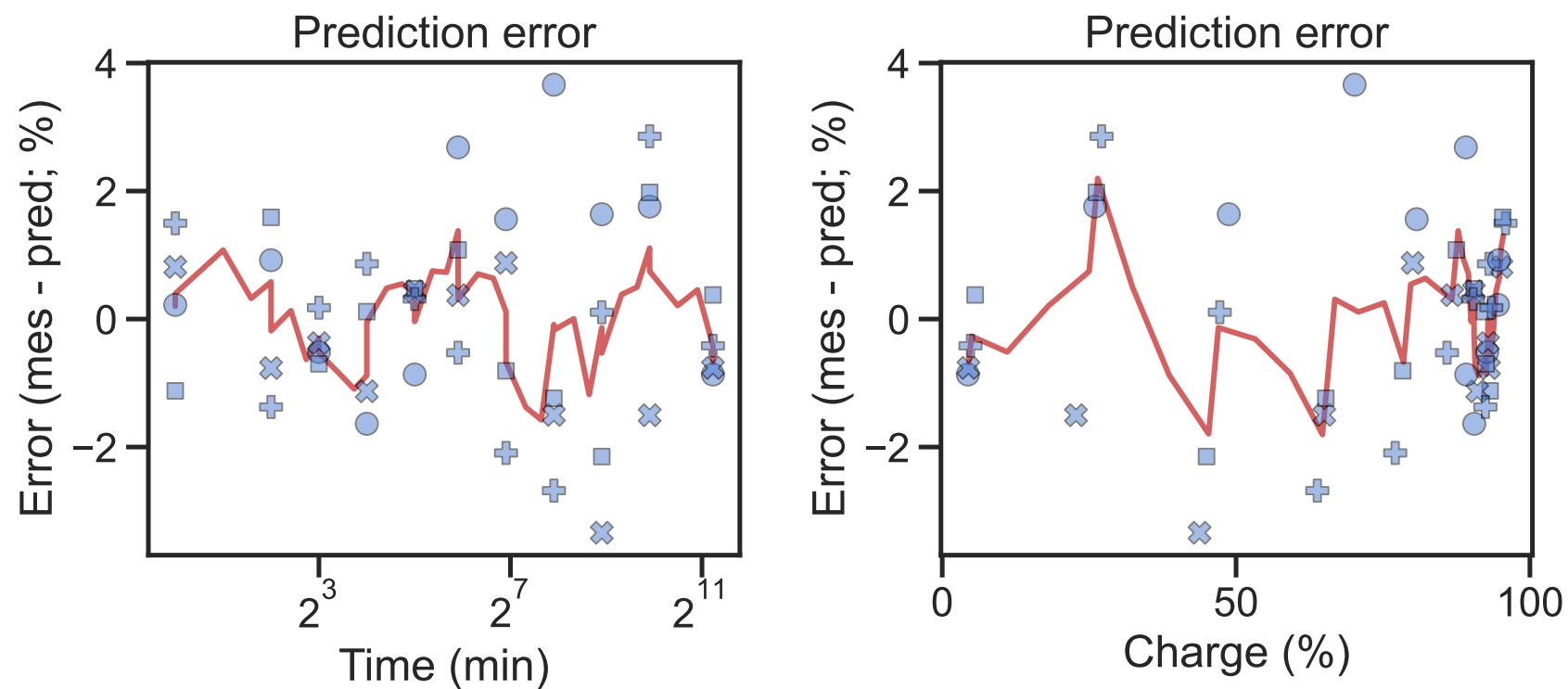
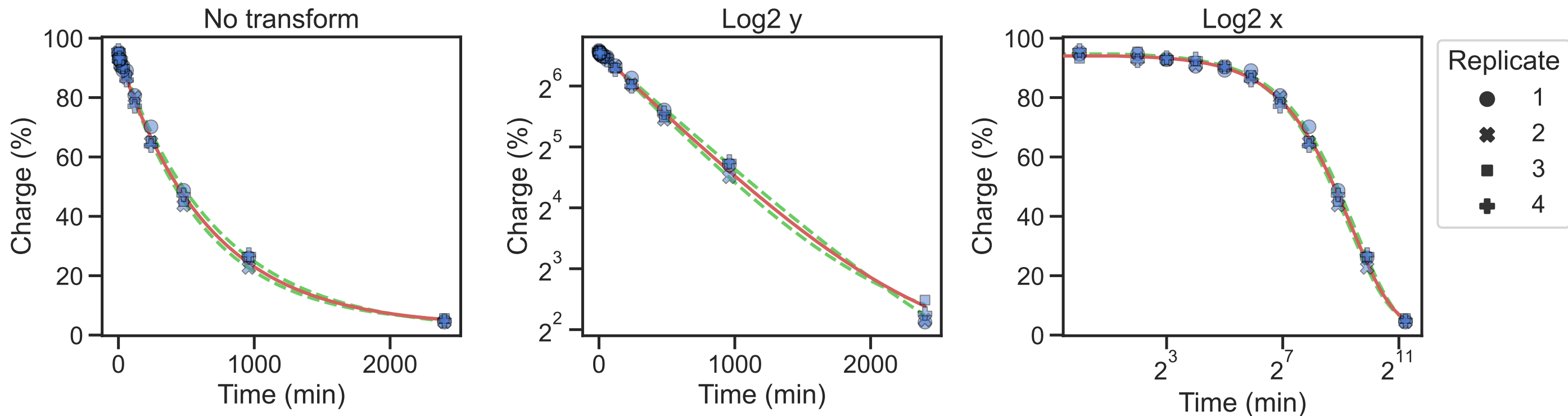
Leu-CAG-1-1 half-life=599 min, 95% CI (573; 622)



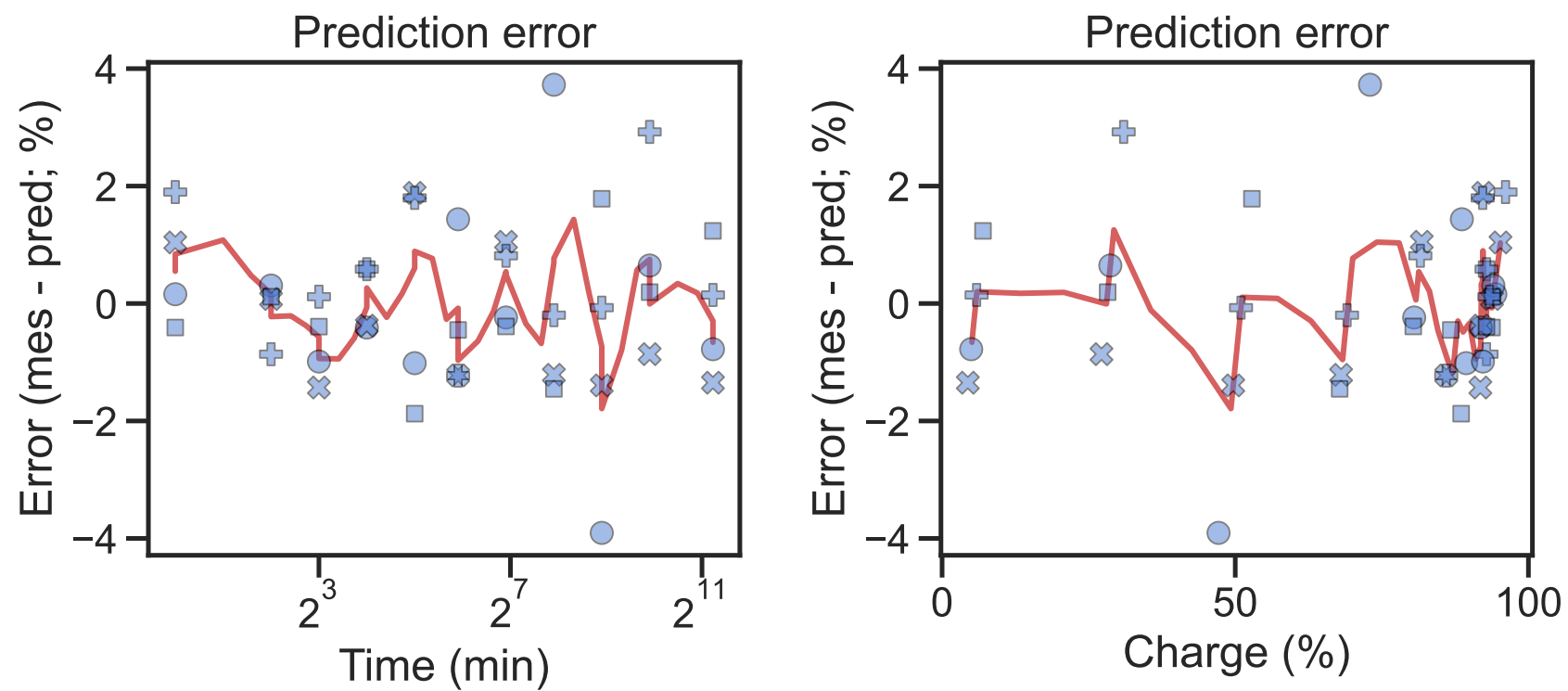
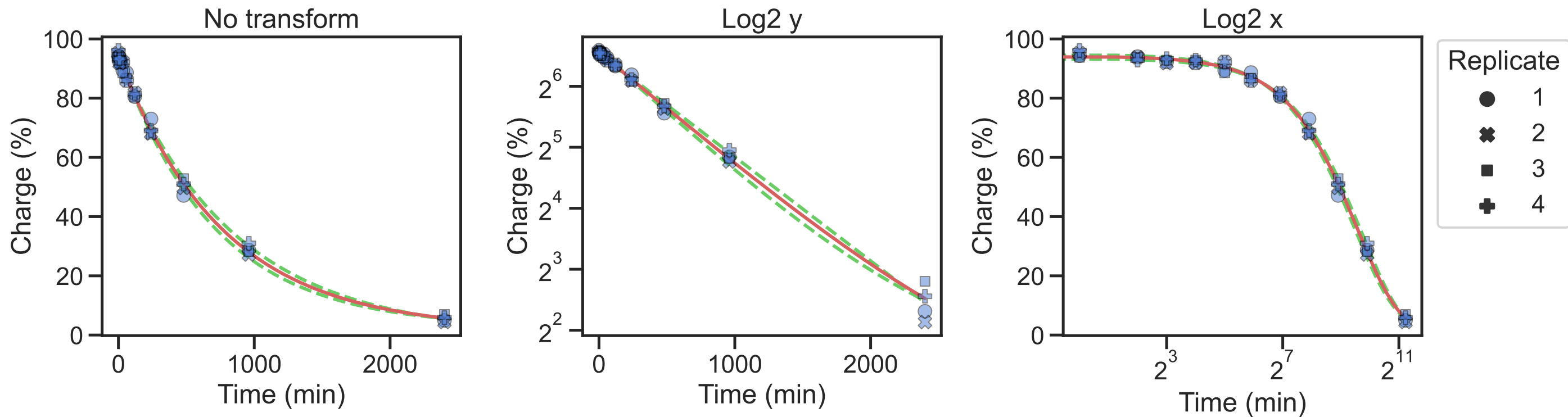
Leu-CAG-2-1 half-life=611min, 95% CI (569; 635)



Leu-TAA-1-1 half-life=459min, 95% CI (424; 503)

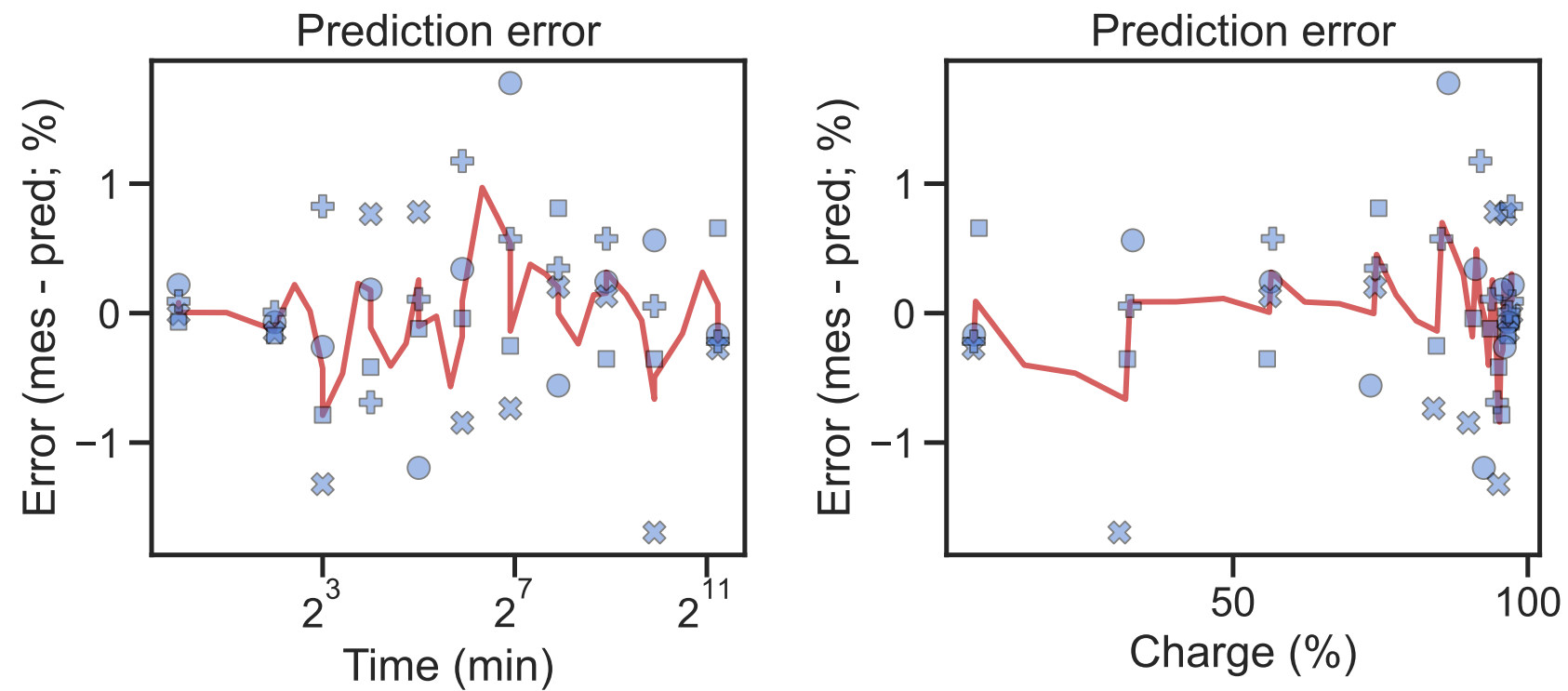
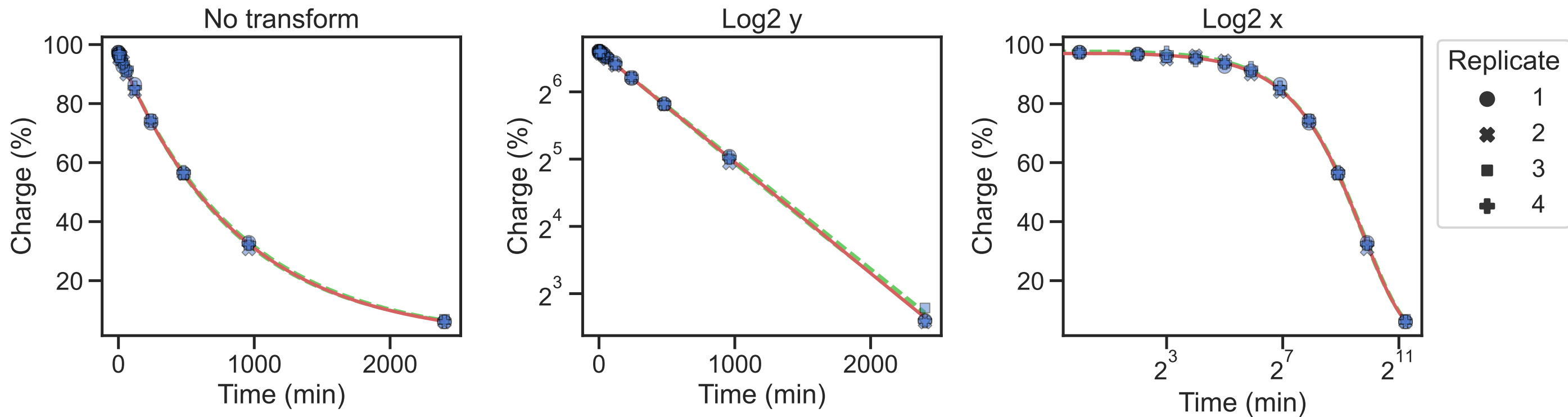


Leu-TAA-3-1 half-life=529min, 95% CI (486; 587)

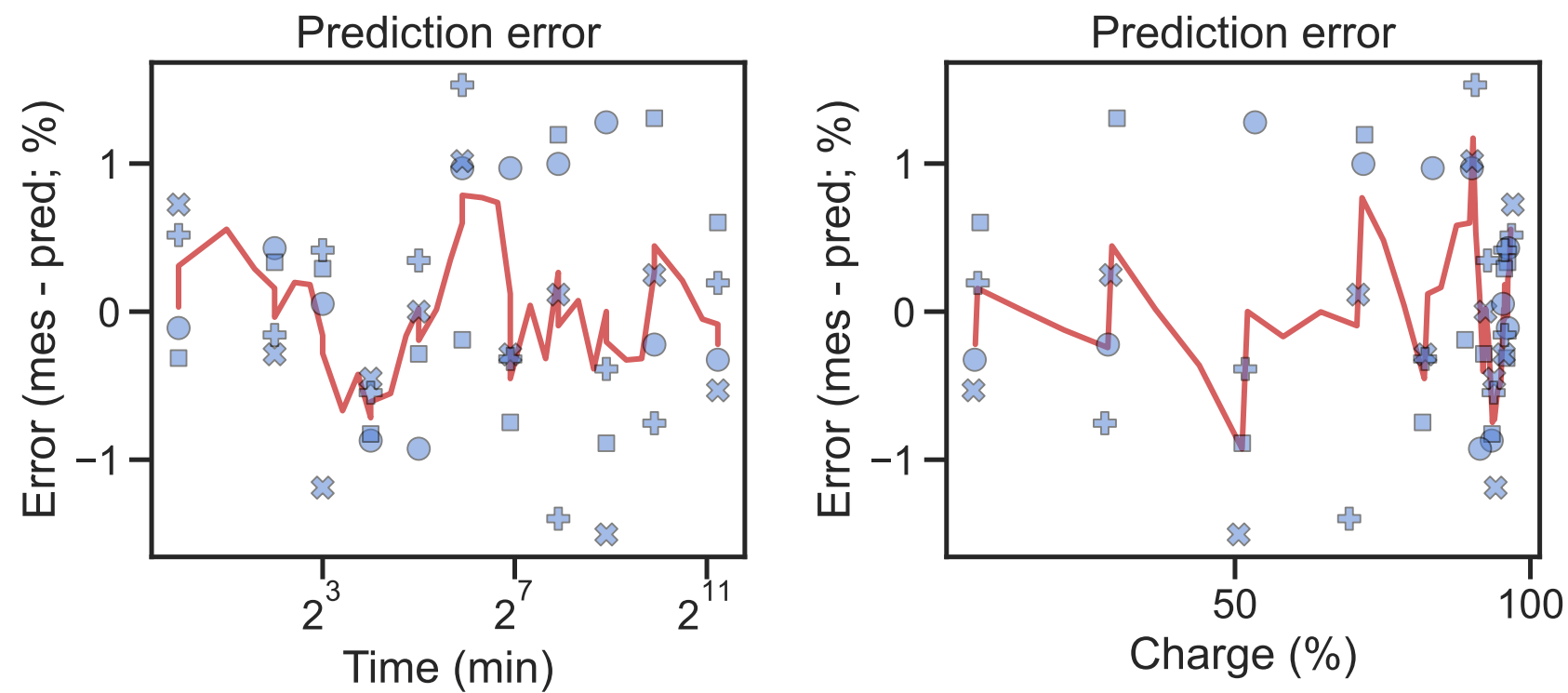
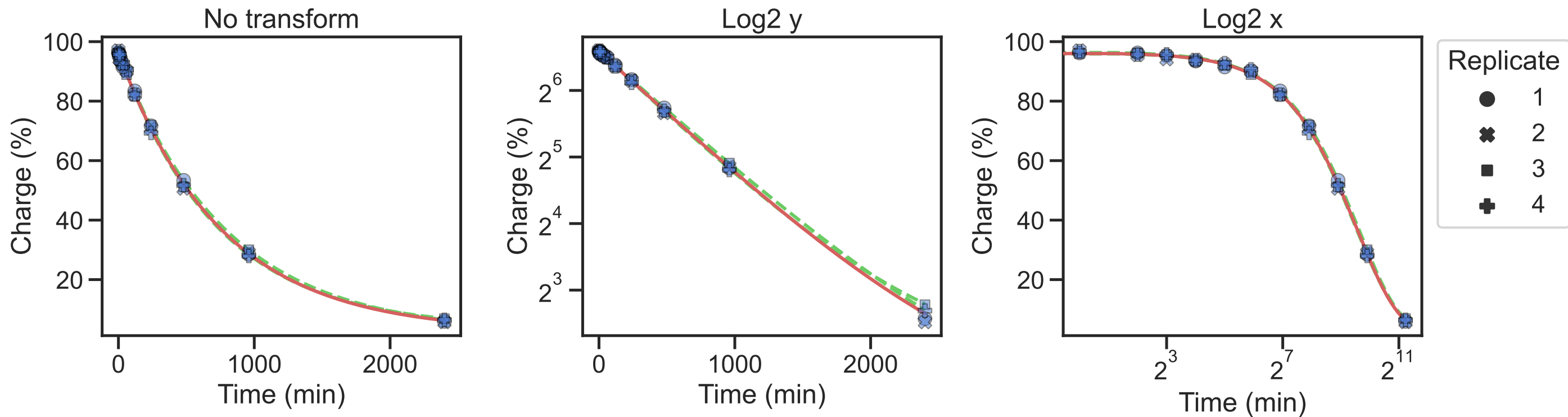




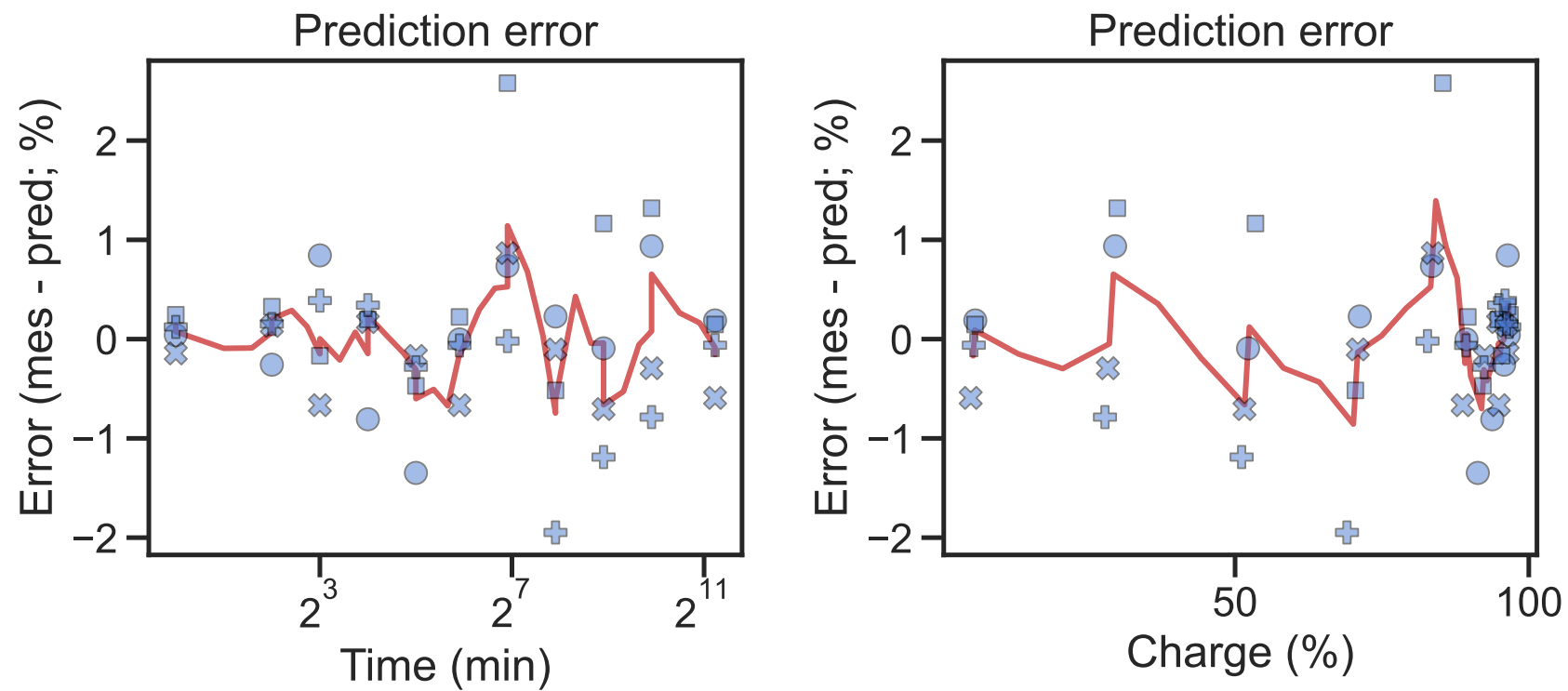
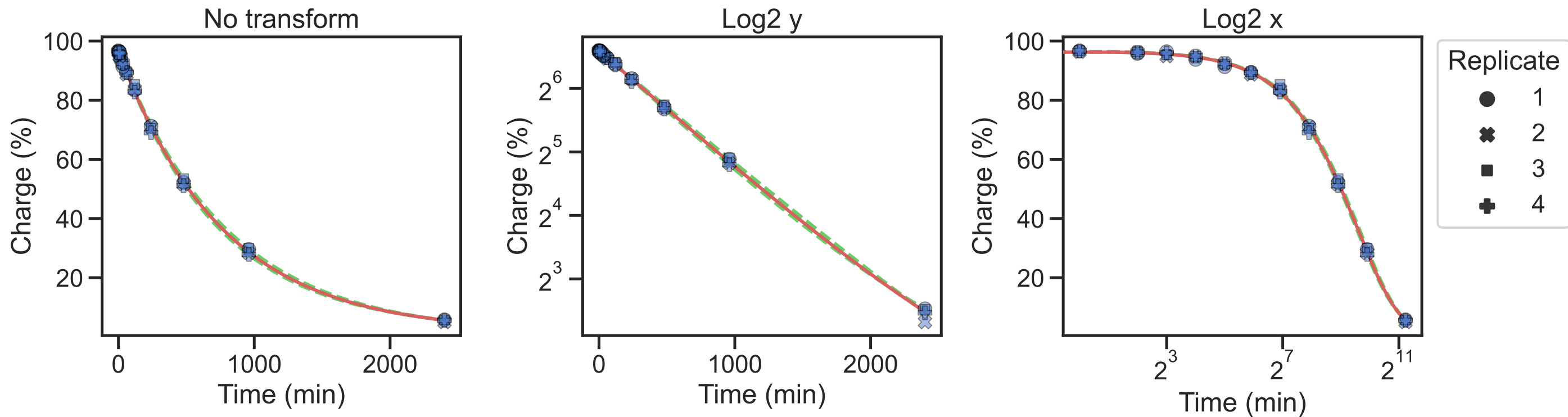
Leu-TAG-1-1 half-life=606 min, 95% CI (584; 618)



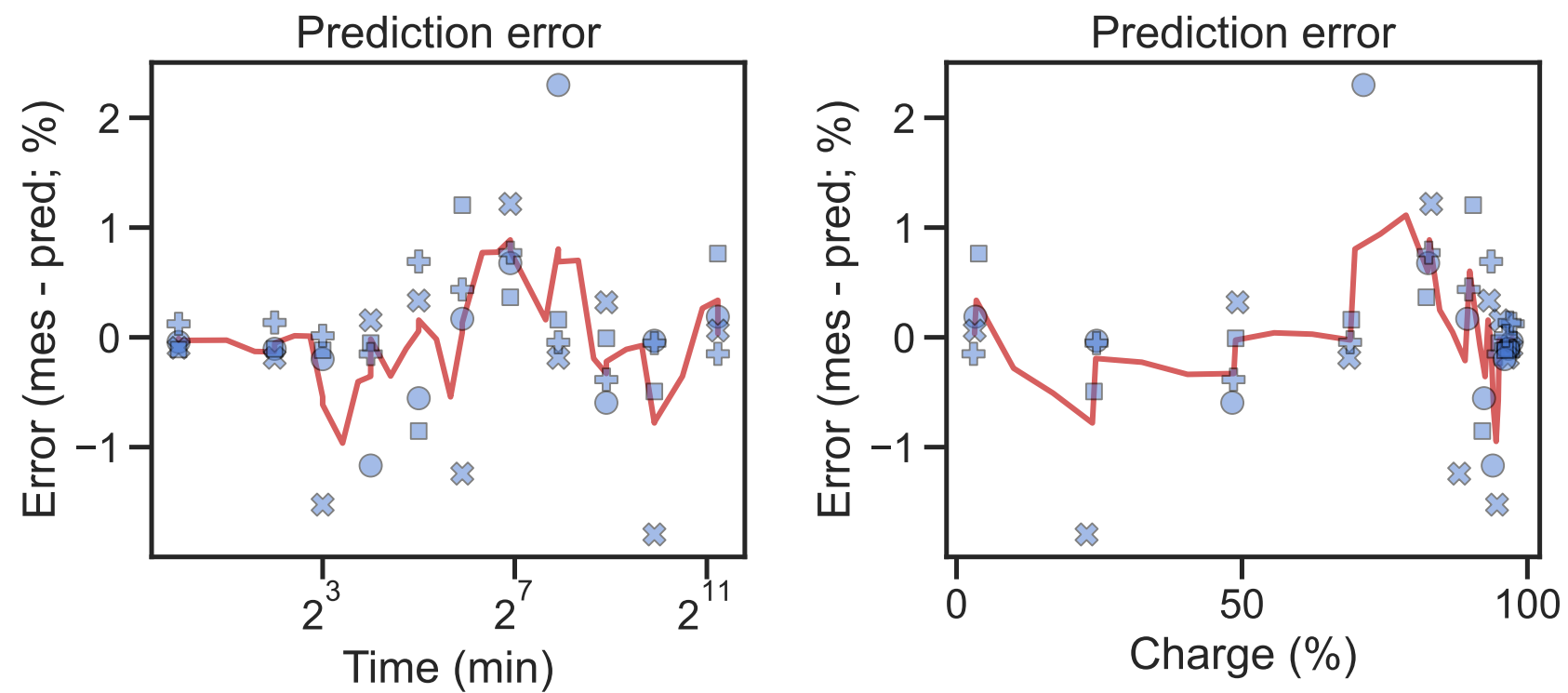
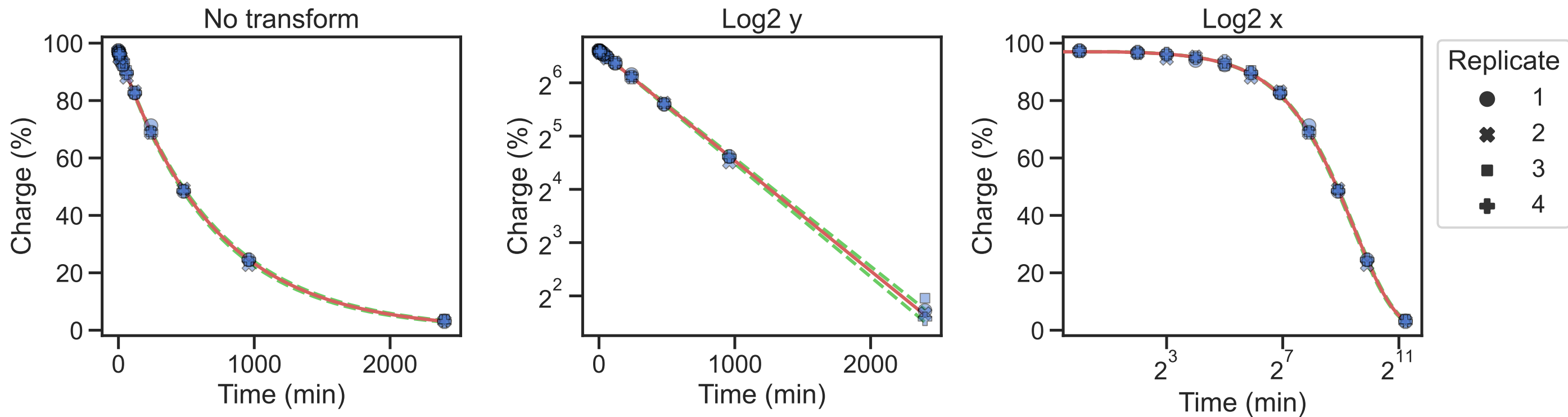
Leu-TAG-2-1 half-life=524 min, 95% CI (504; 549)



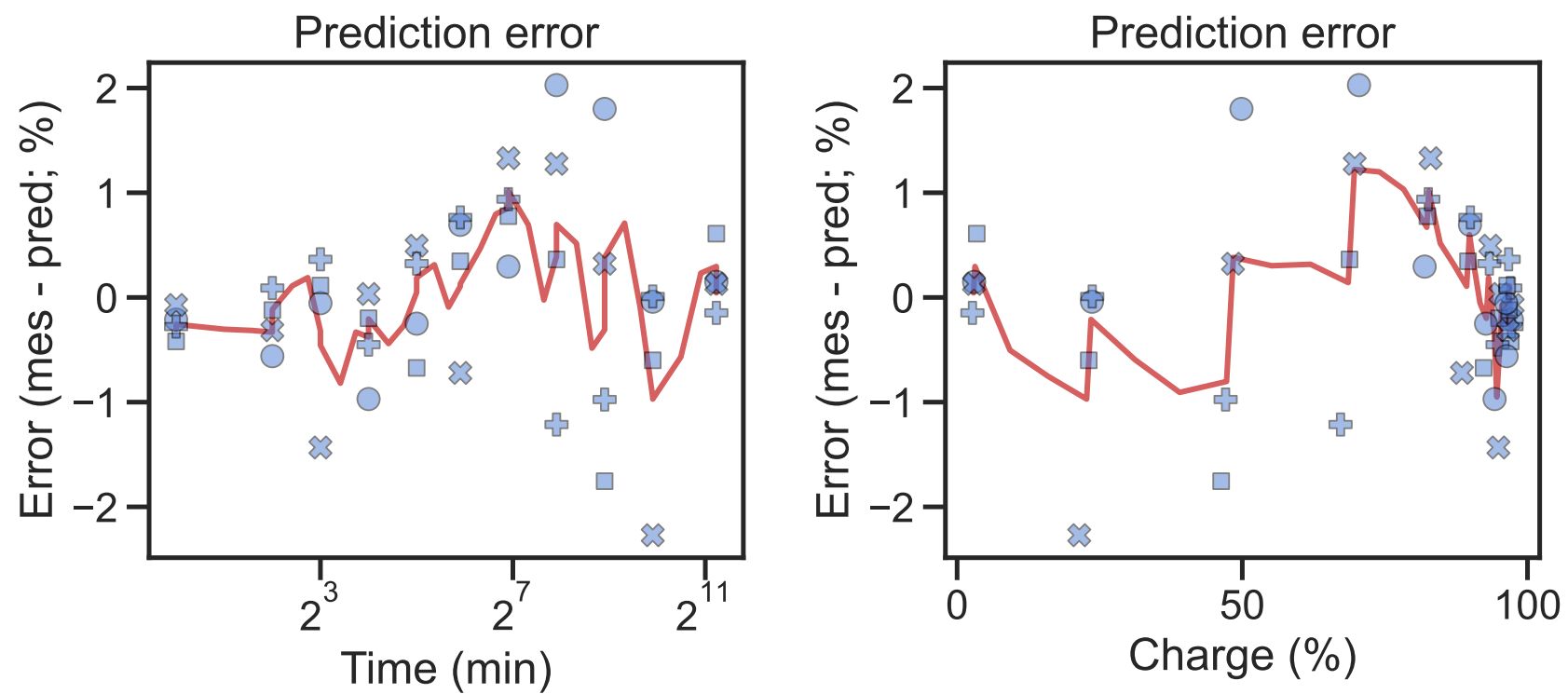
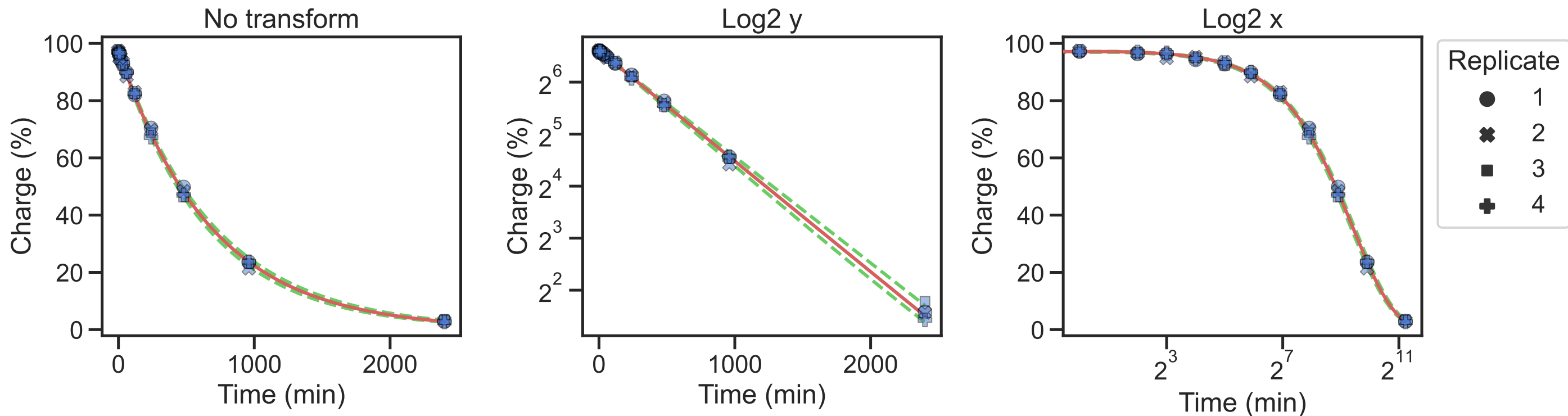
Leu-TAG-3-1 half-life=532min, 95% CI (509; 557)



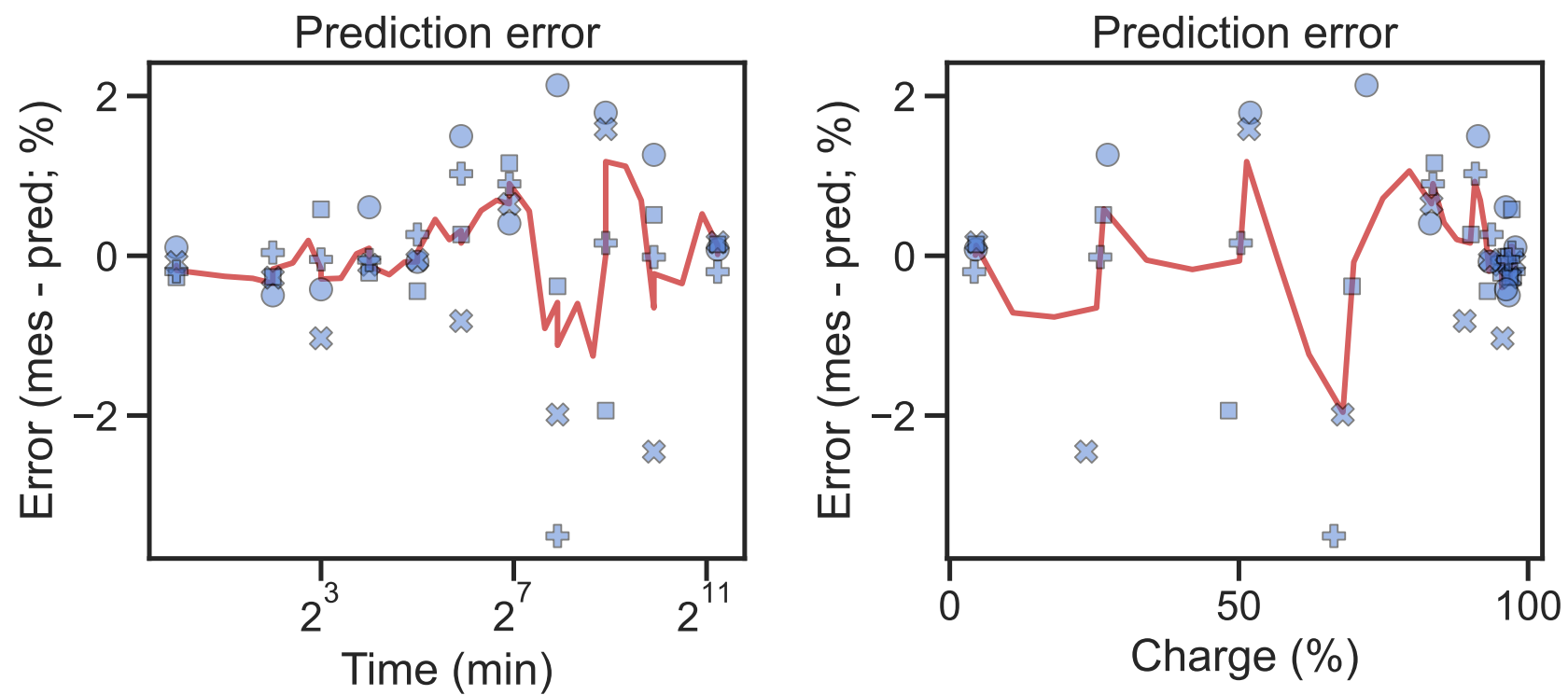
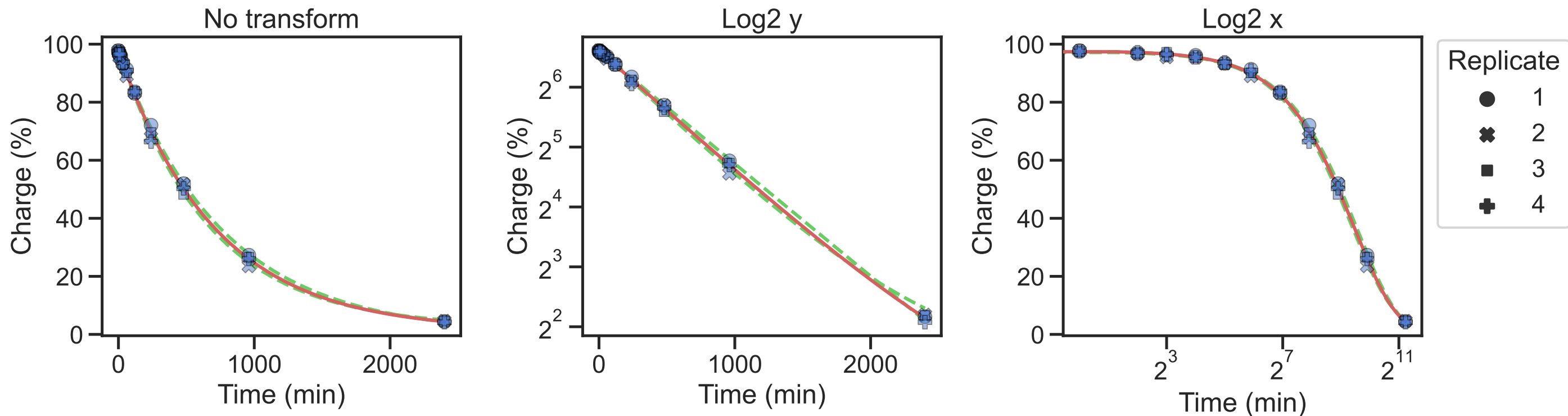
Lys-CTT-1-1 half-life=484 min, 95% CI (471; 494)



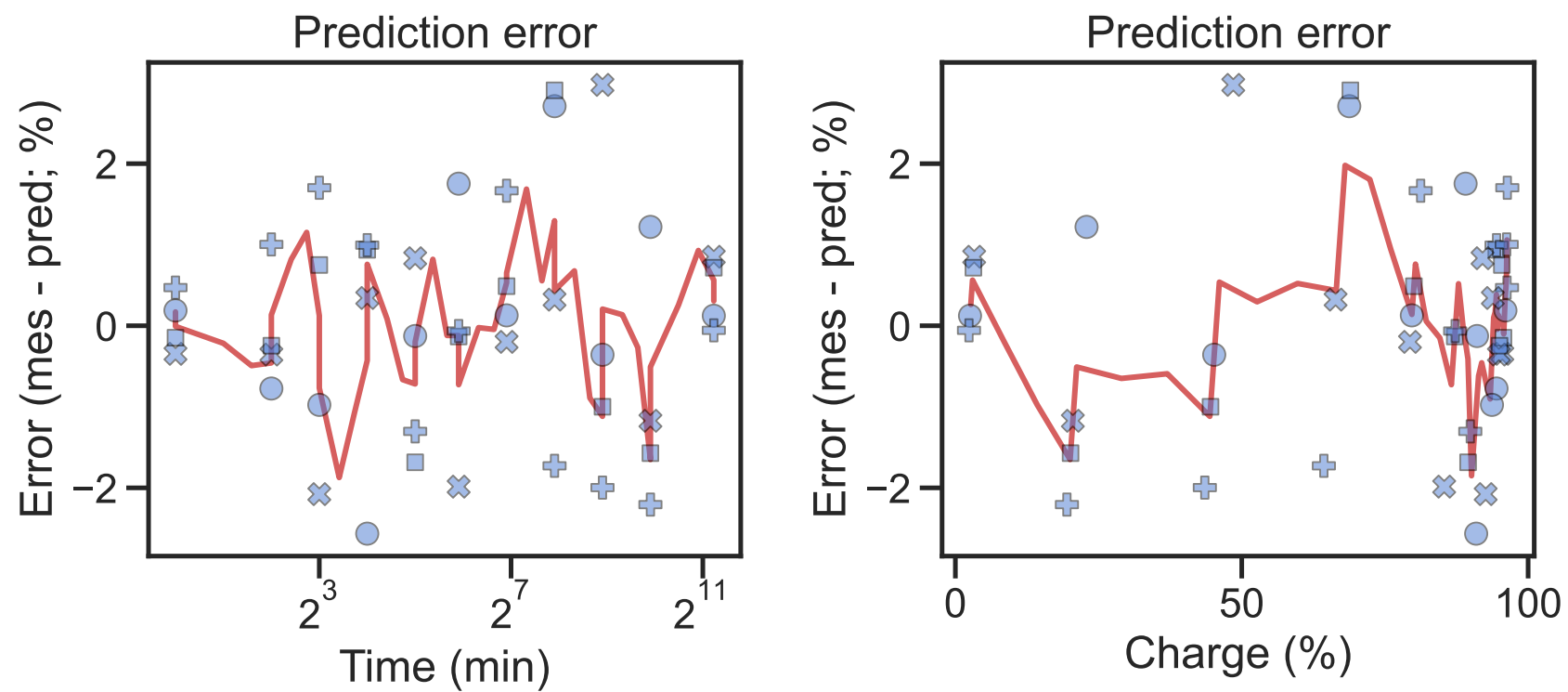
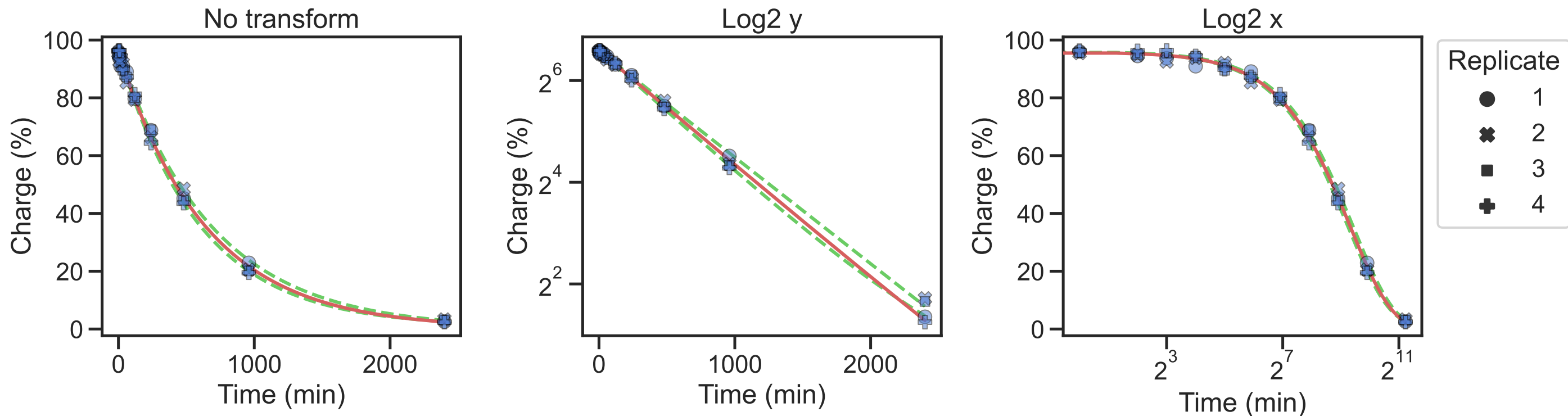
Lys-CTT-2-1 half-life=470 min, 95% CI (448; 490)



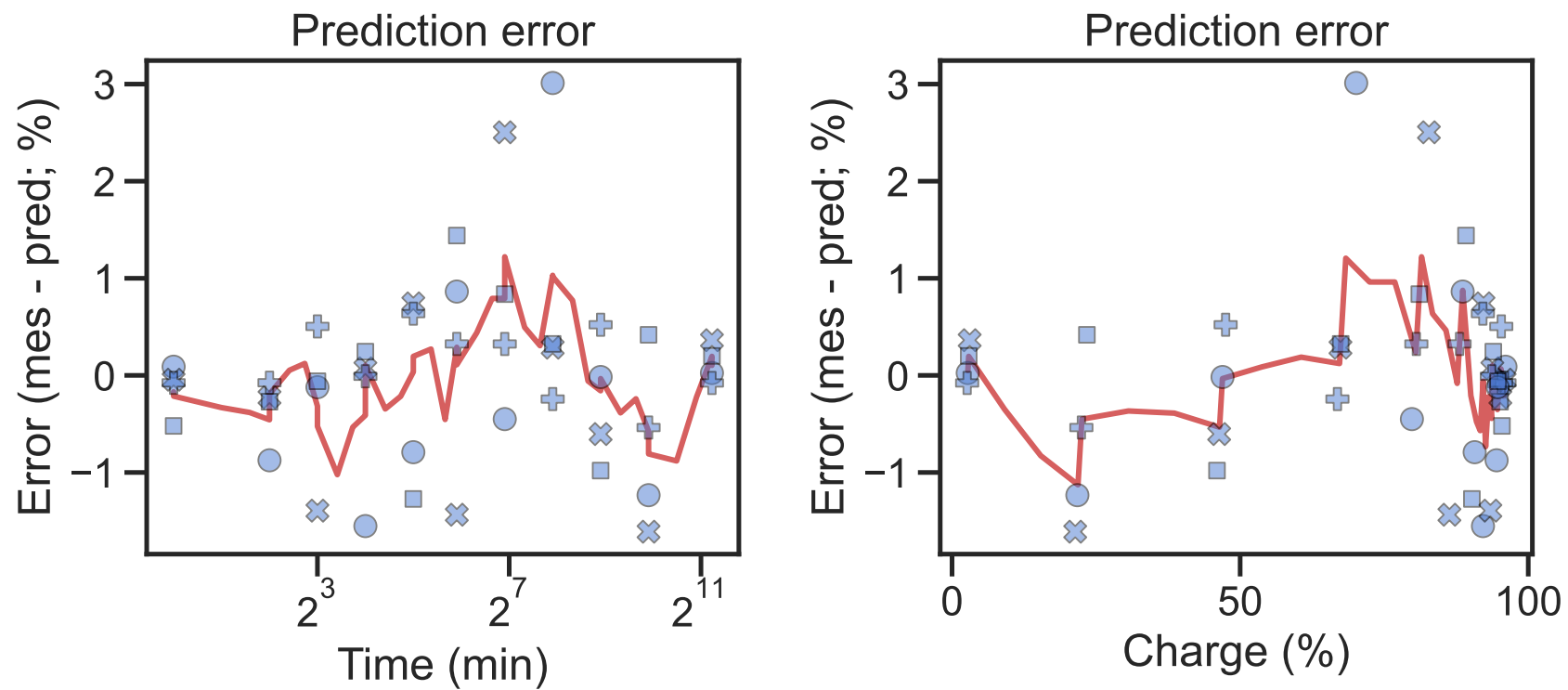
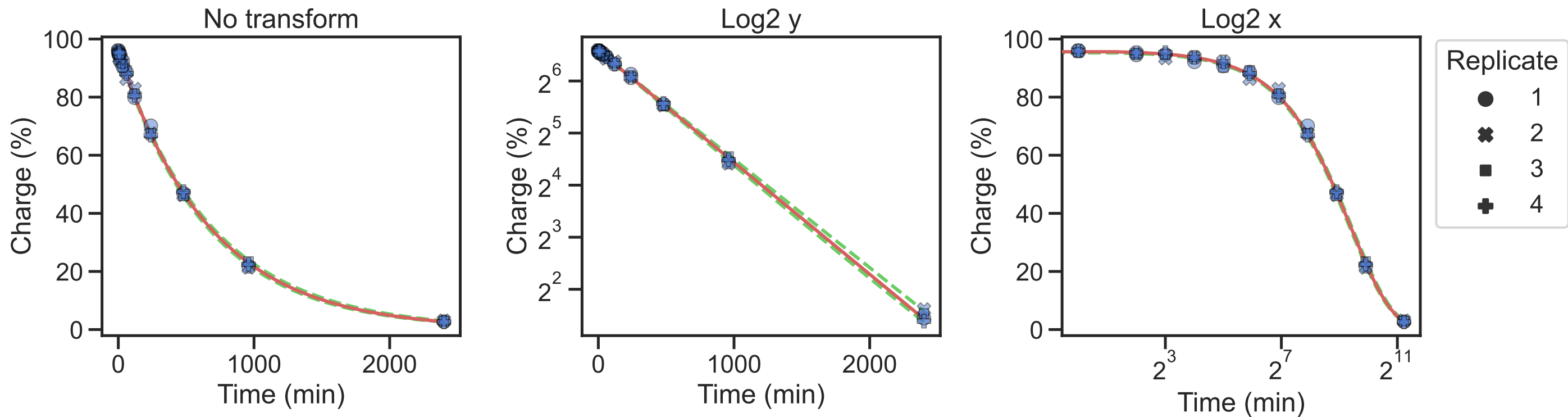
Lys-CTT-4-1 half-life=491 min, 95% CI (461; 529)



Lys-TTT-2-1 half-life=446 min, 95% CI (416; 478)

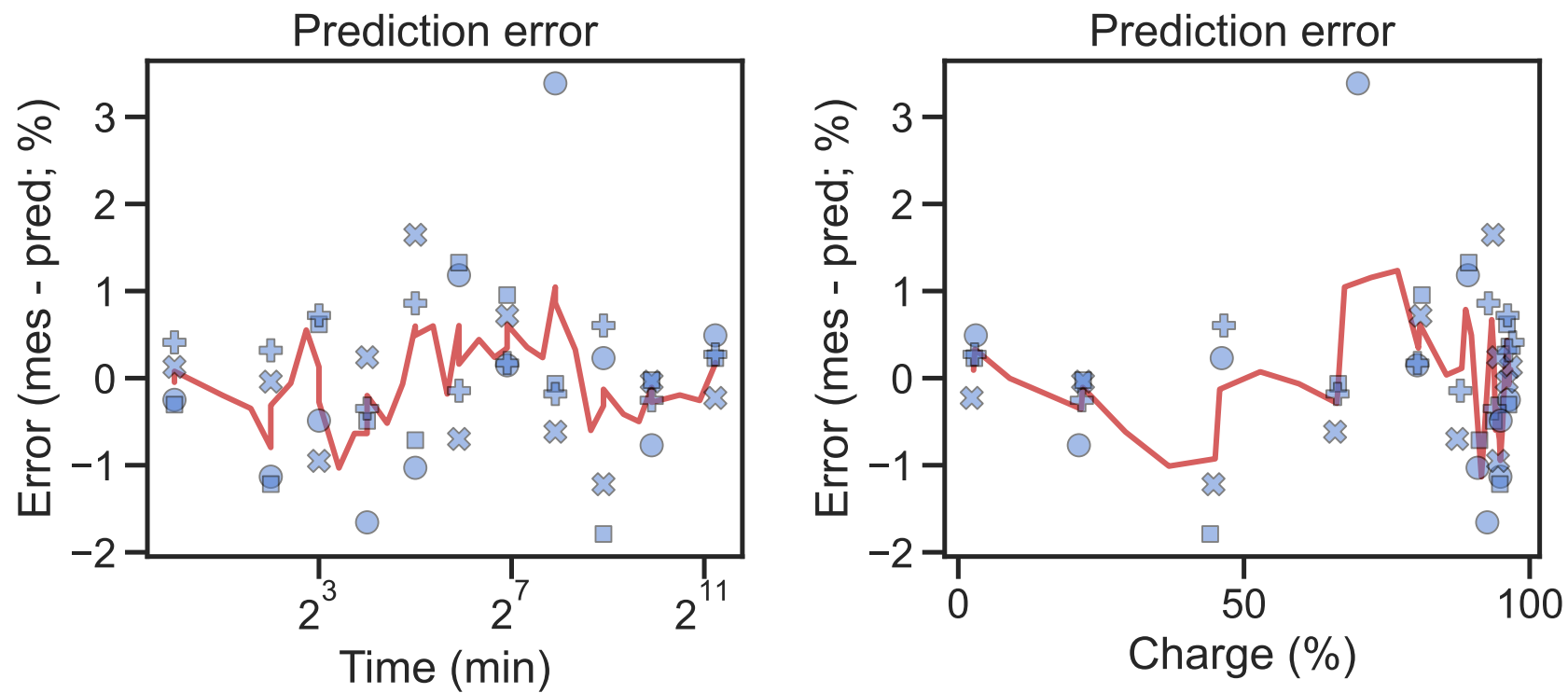
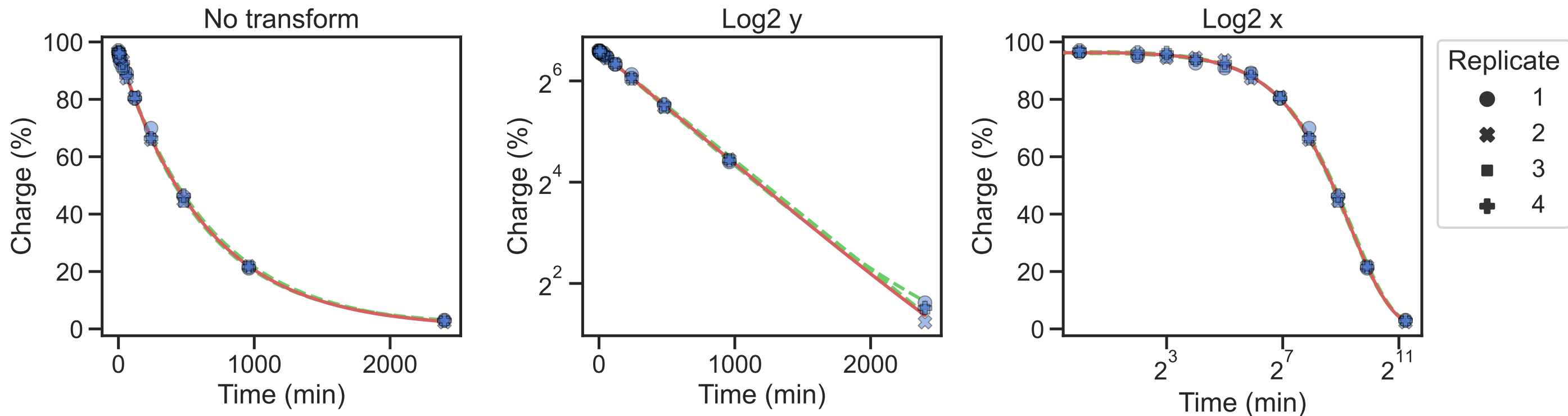


Lys-TTT-3-1 half-life=466 min, 95% CI (453; 480)

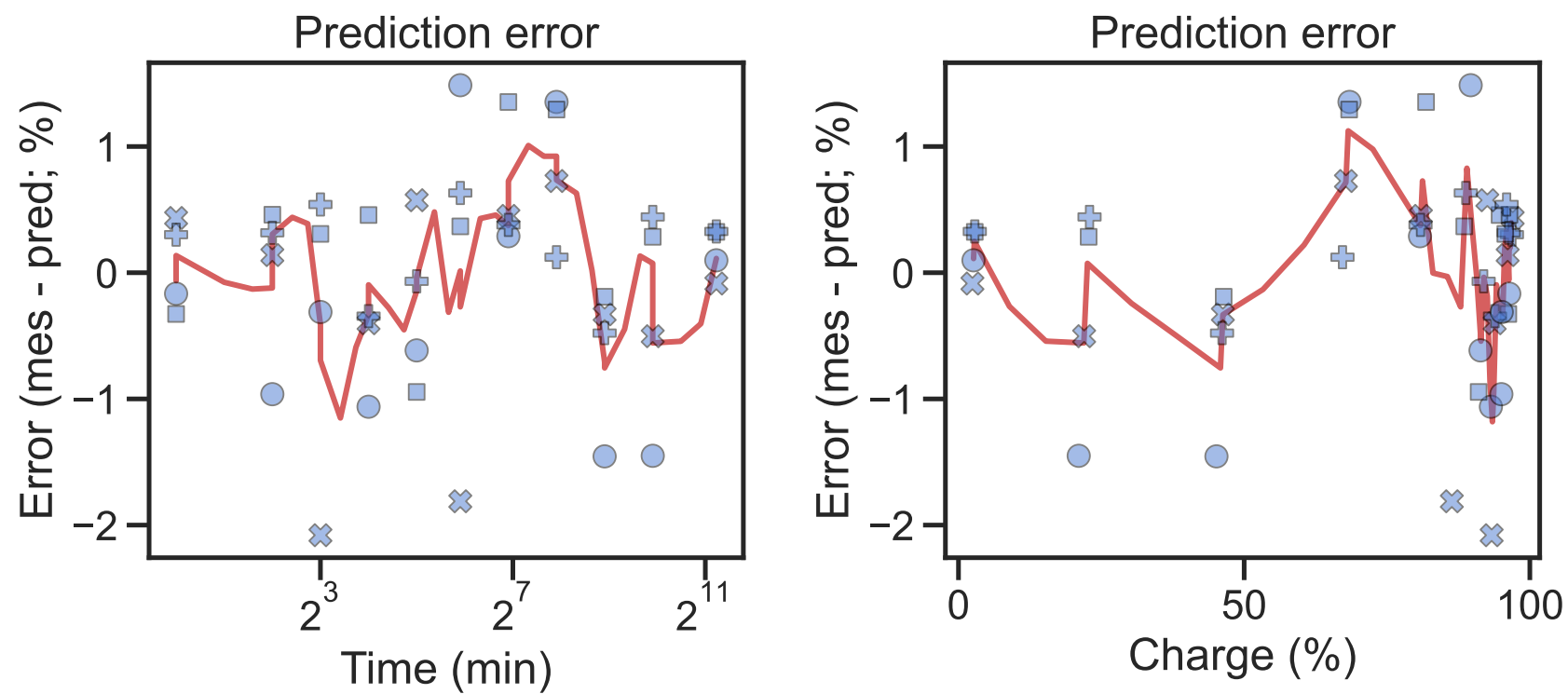
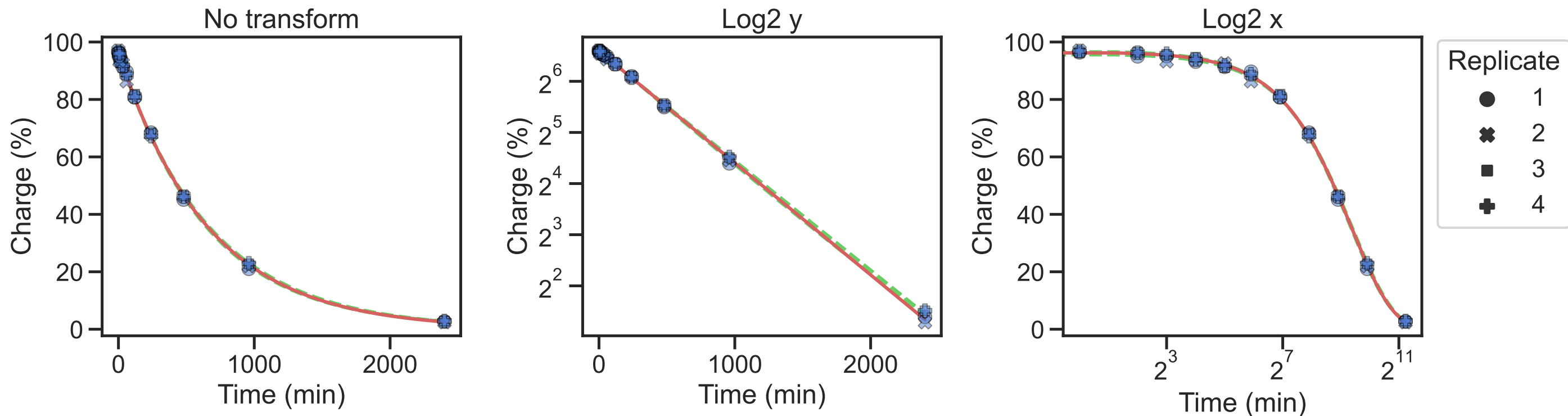




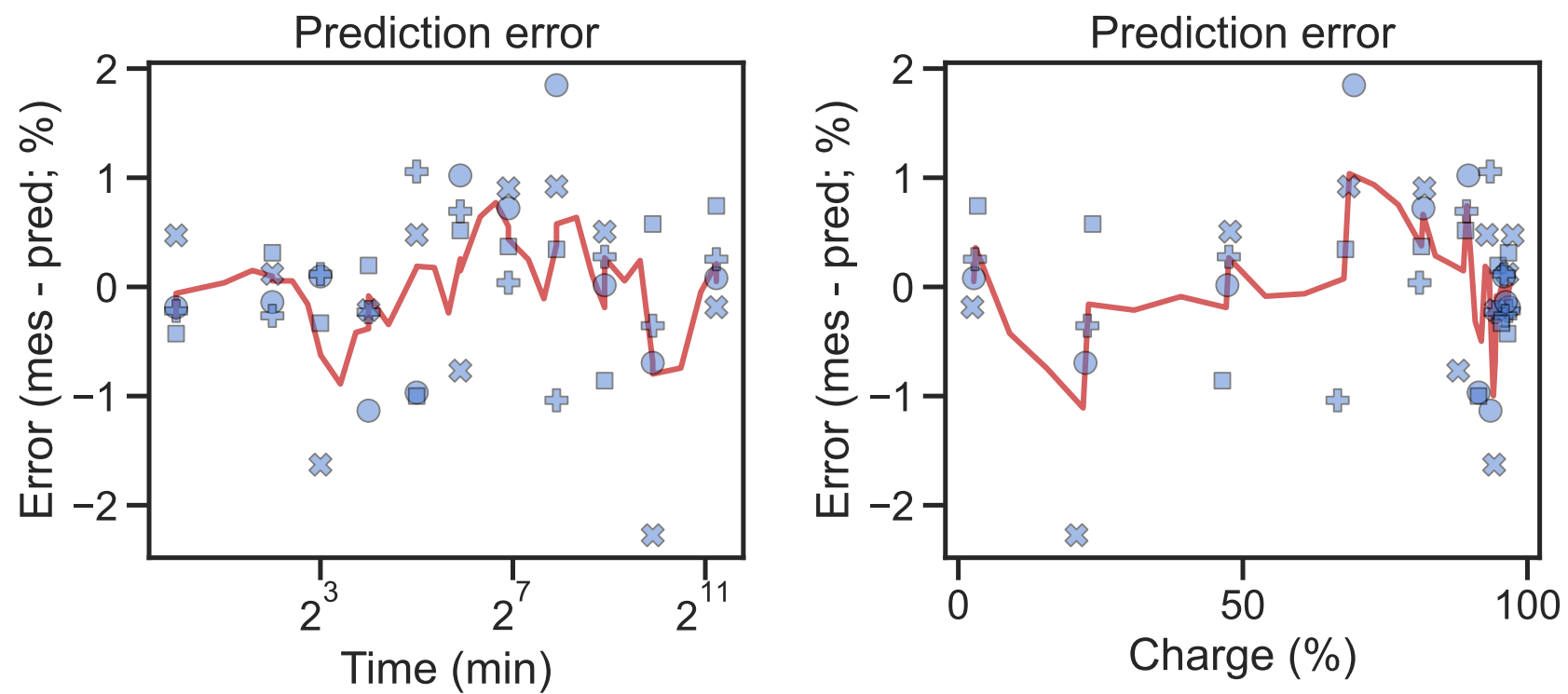
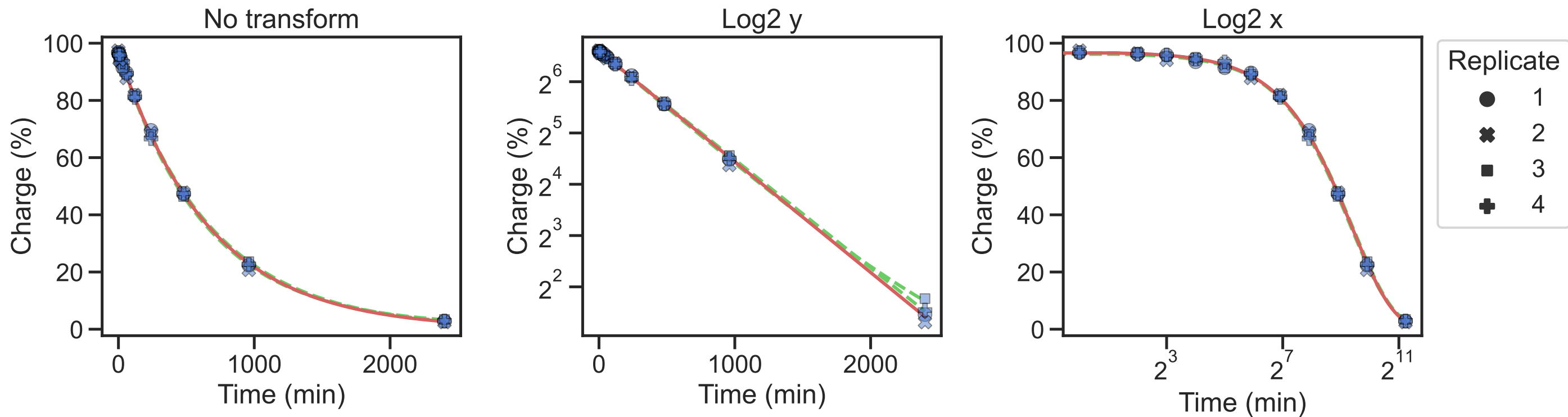
Lys-TTT-6-1 half-life=445 min, 95% CI (428; 463)



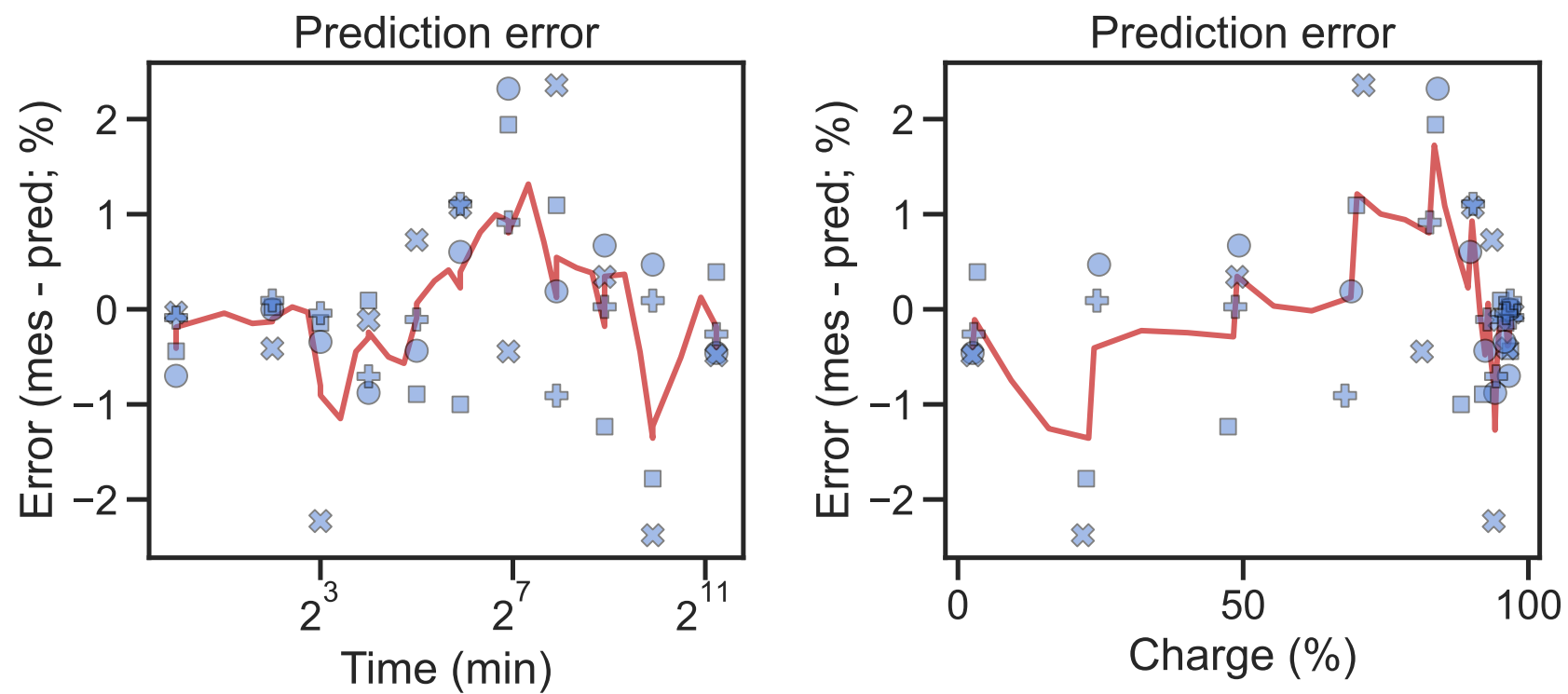
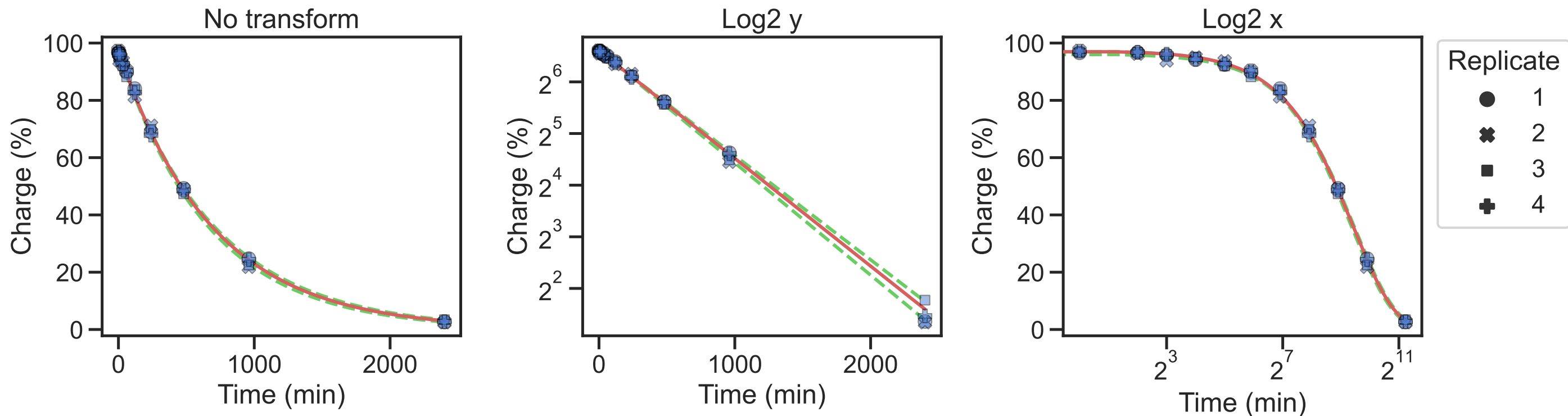
Met-CAT-1-1 half-life=457 min, 95% CI (445; 468)



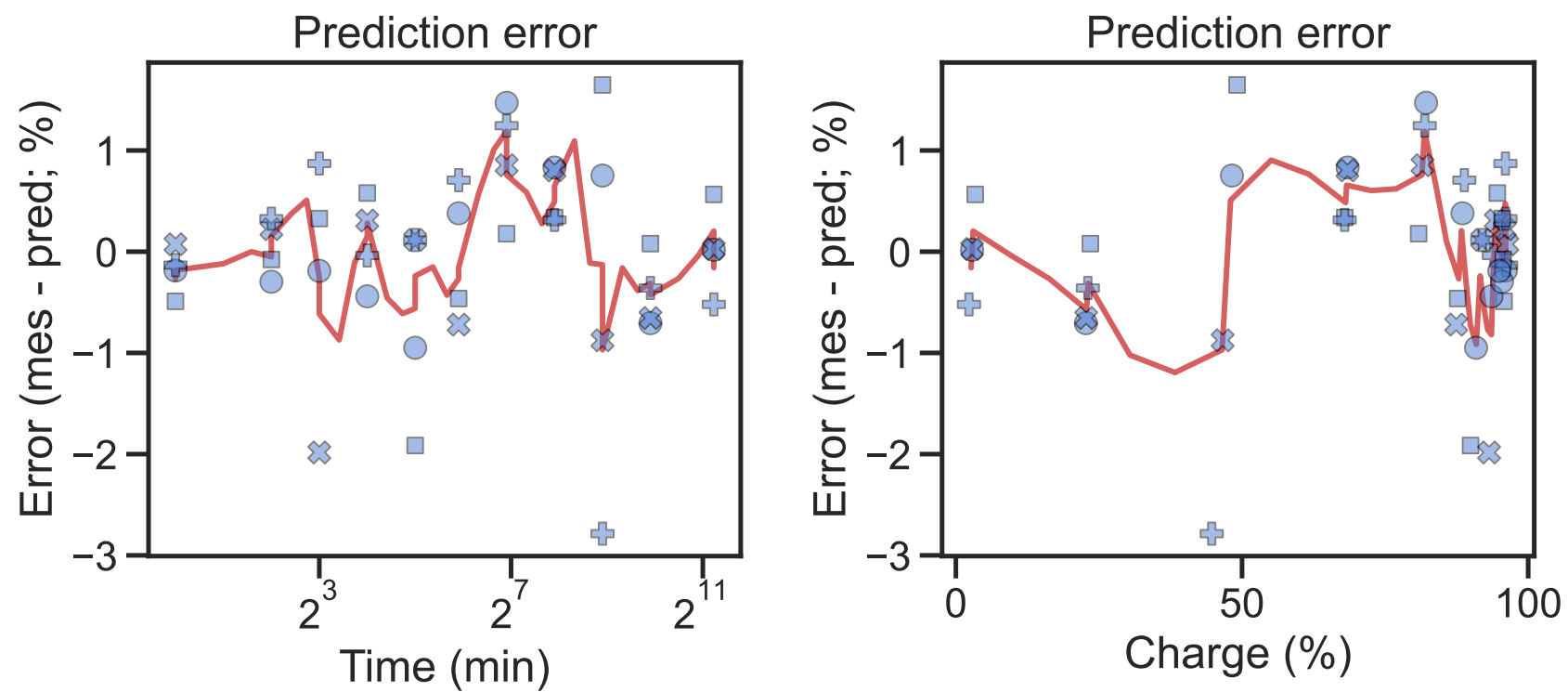
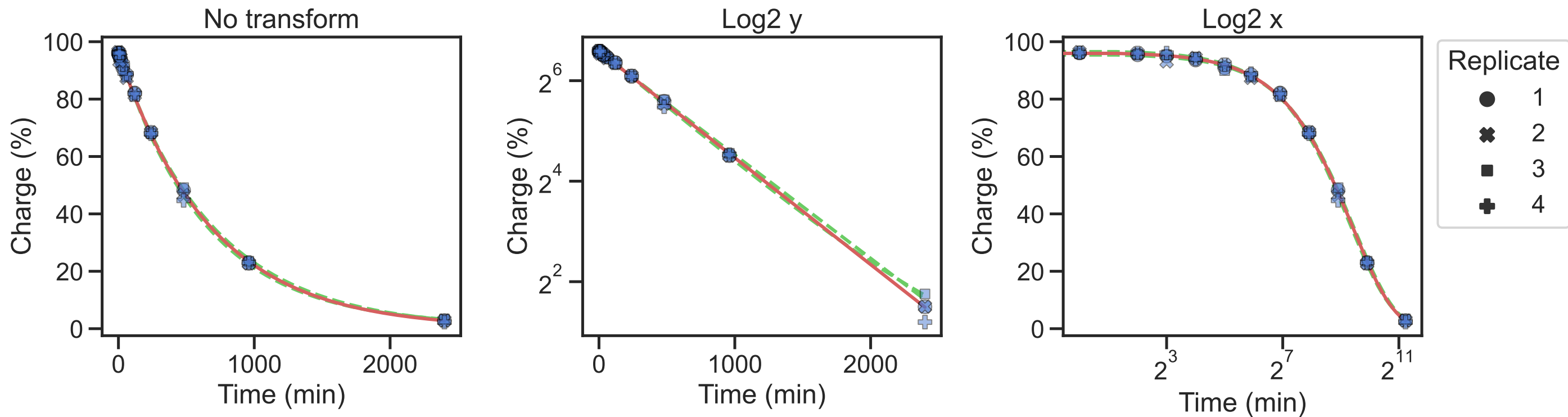
Met-CAT-3-1 half-life=463min, 95% CI (445; 473)



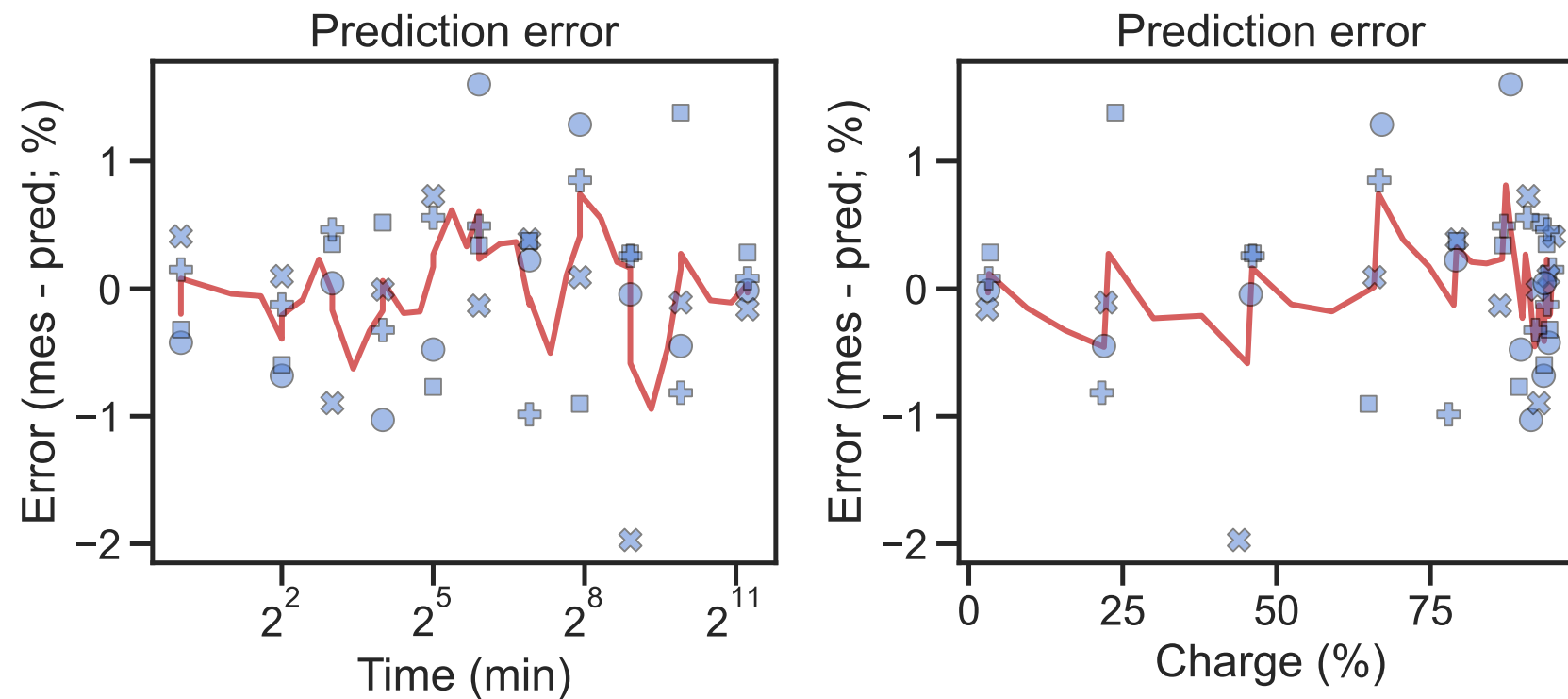
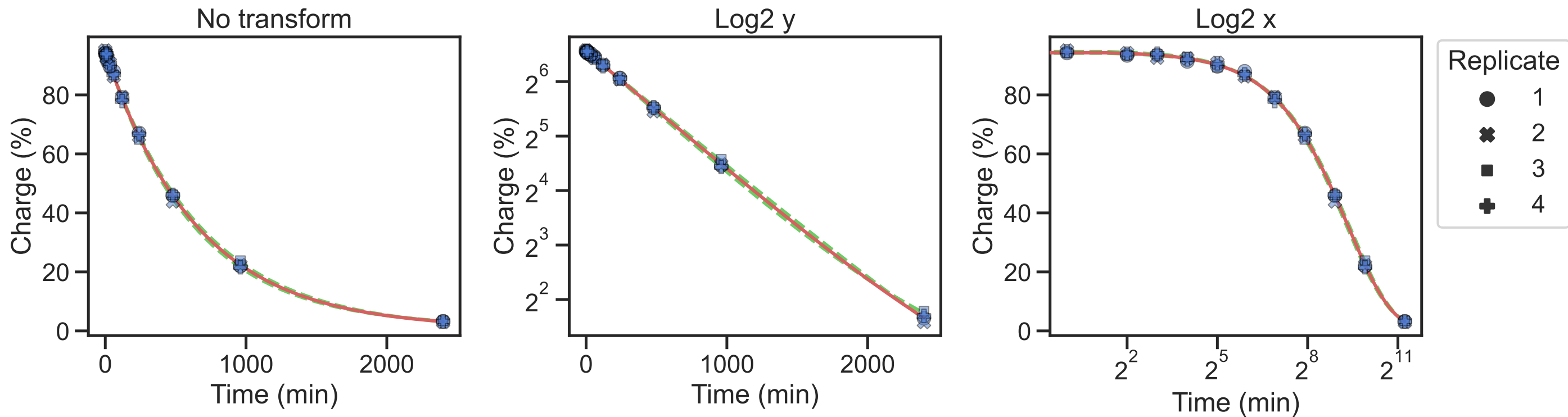
Met-CAT-4-1 half-life=479min, 95% CI (460; 496)



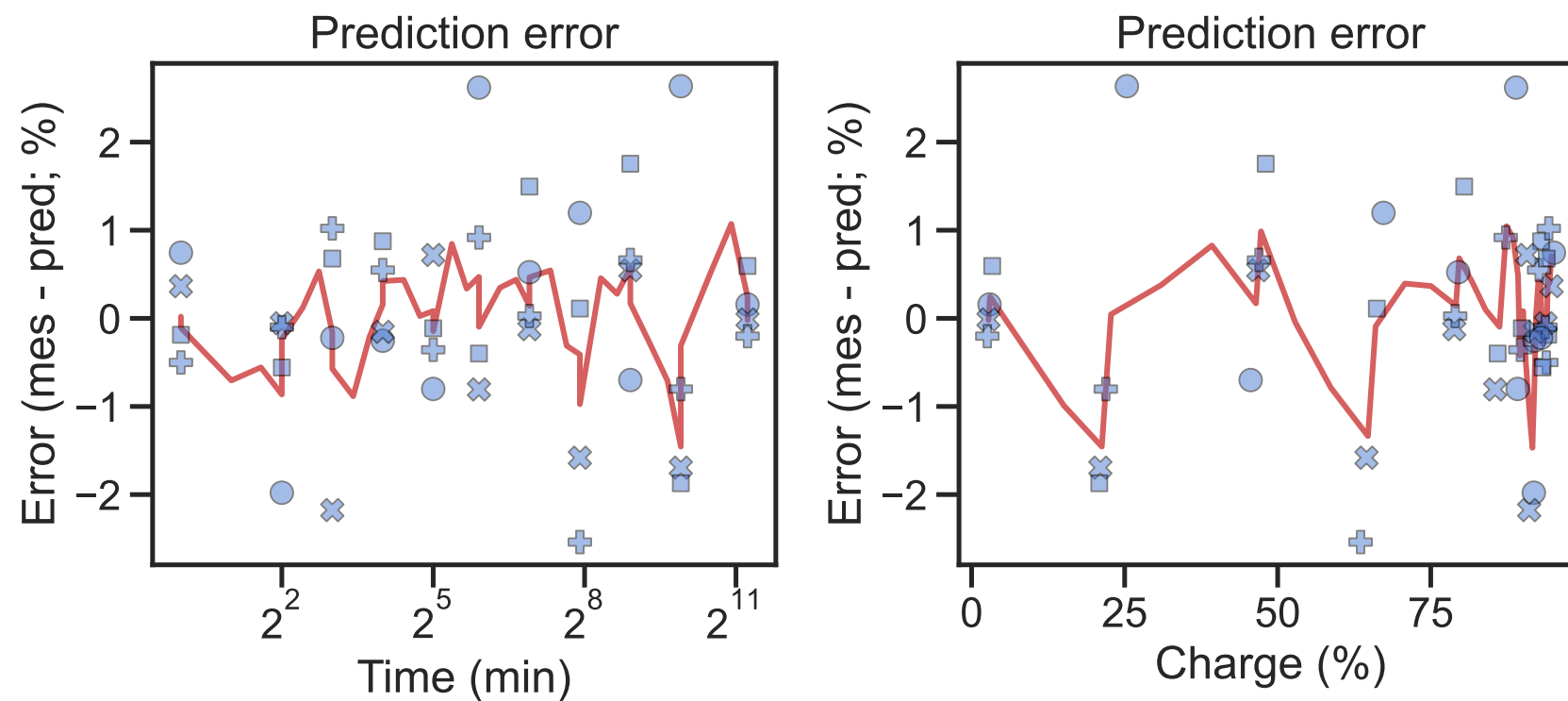
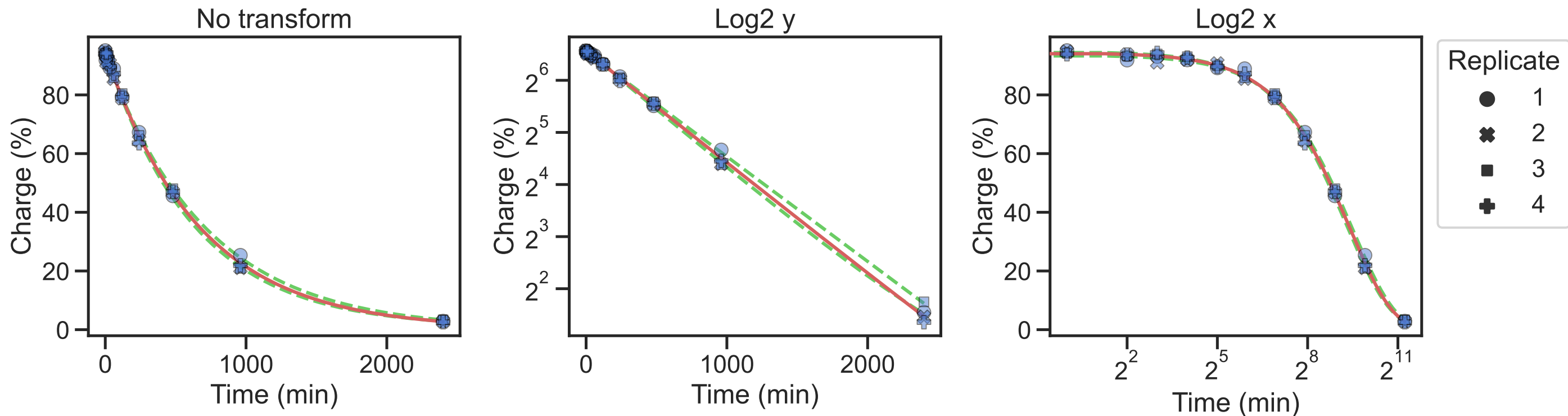
Met-CAT-6-1 half-life=471 min, 95% CI (444; 486)



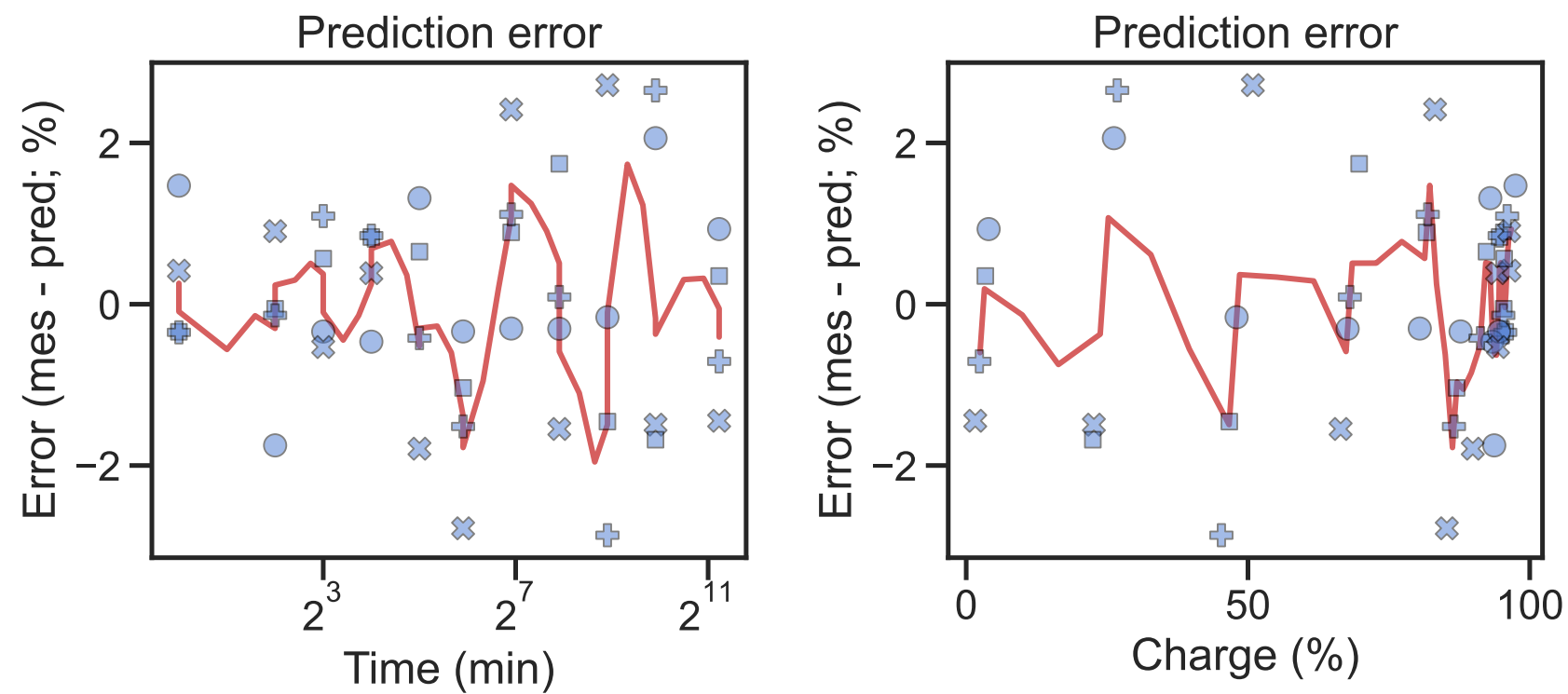
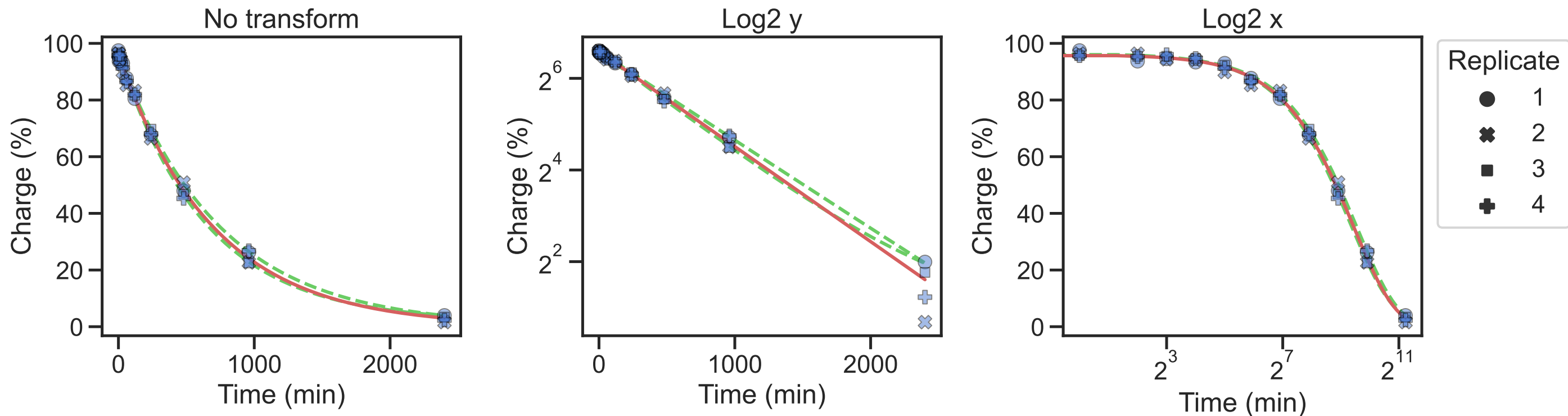
Phe-GAA-1-1 half-life=454 min, 95% CI (433; 471)



Phe-GAA-2-1 half-life=466 min, 95% CI (440; 497)

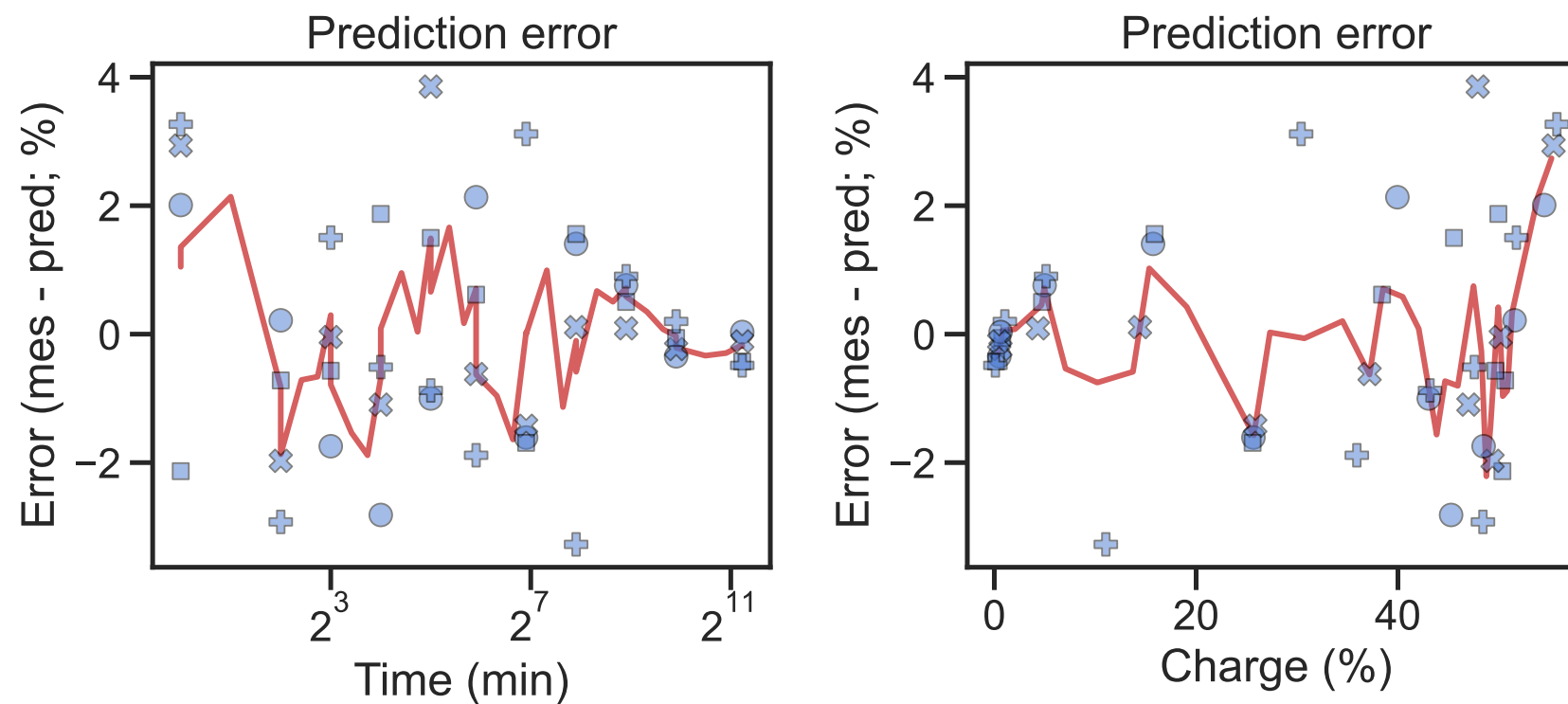
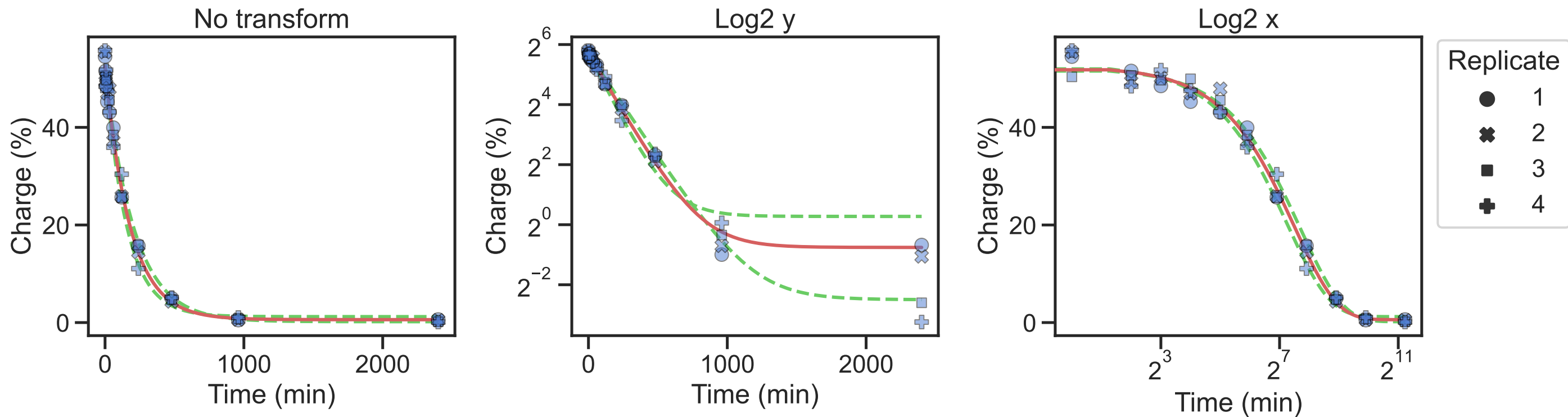


Phe-GAA-3-1 half-life=482 min, 95% CI (445; 516)

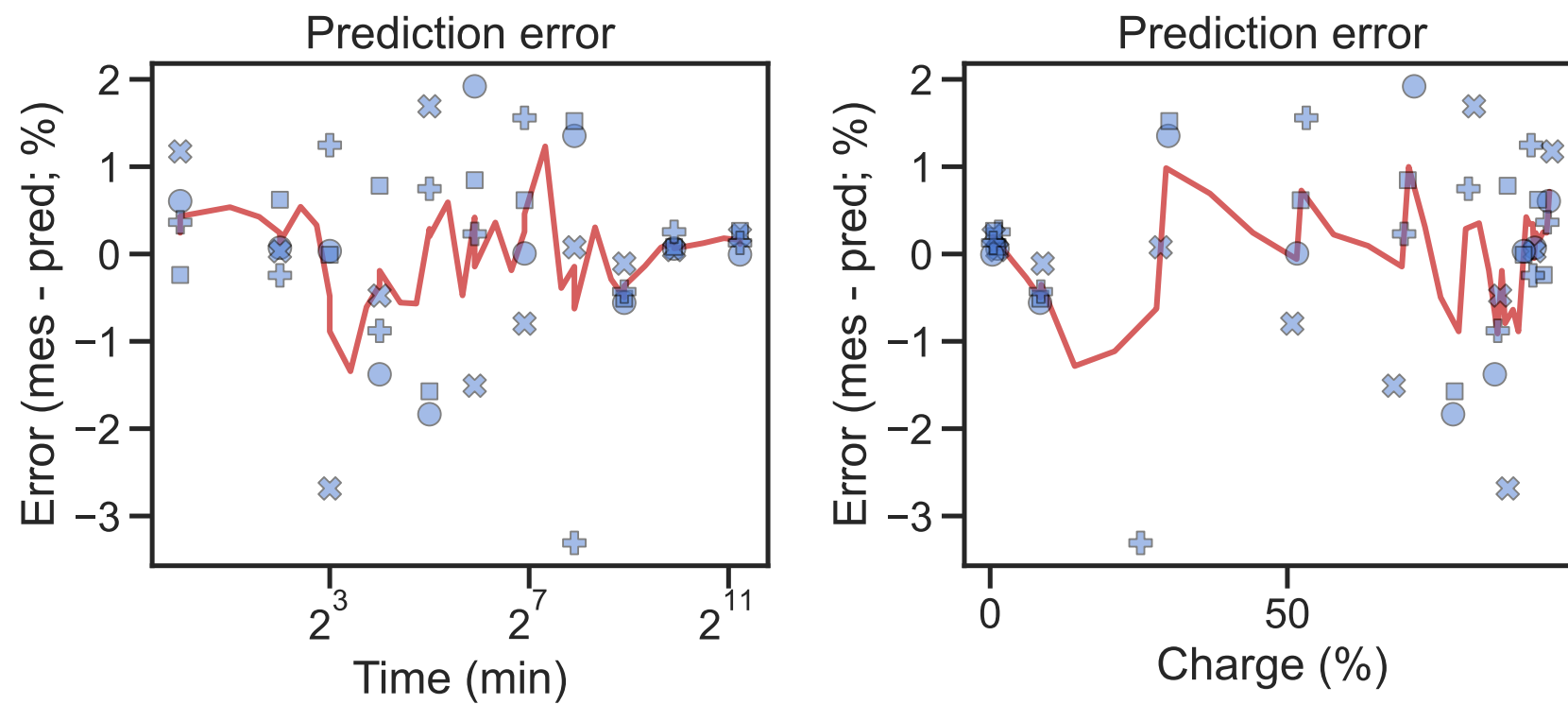
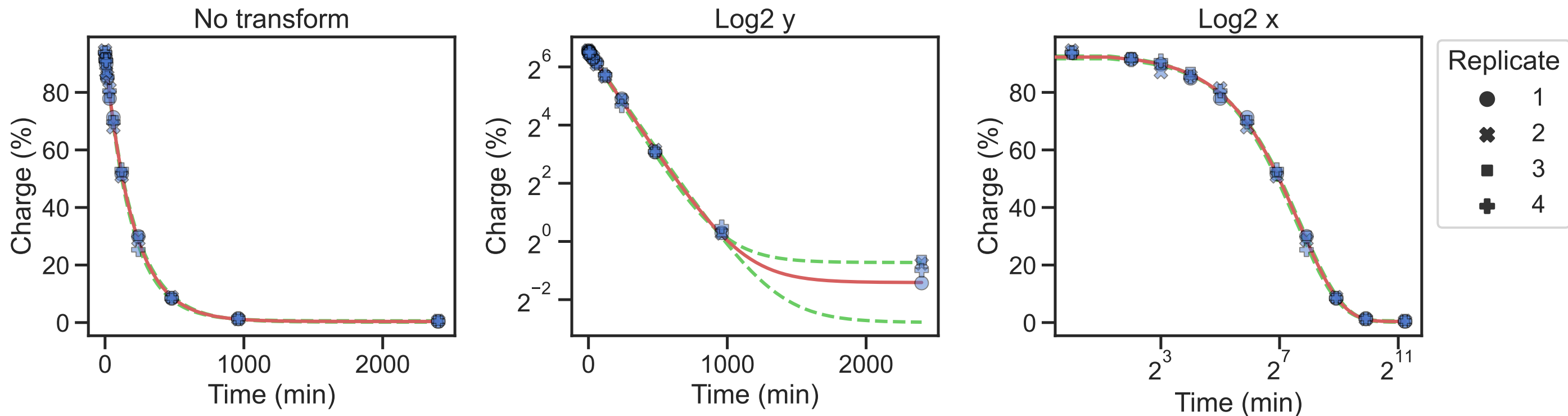




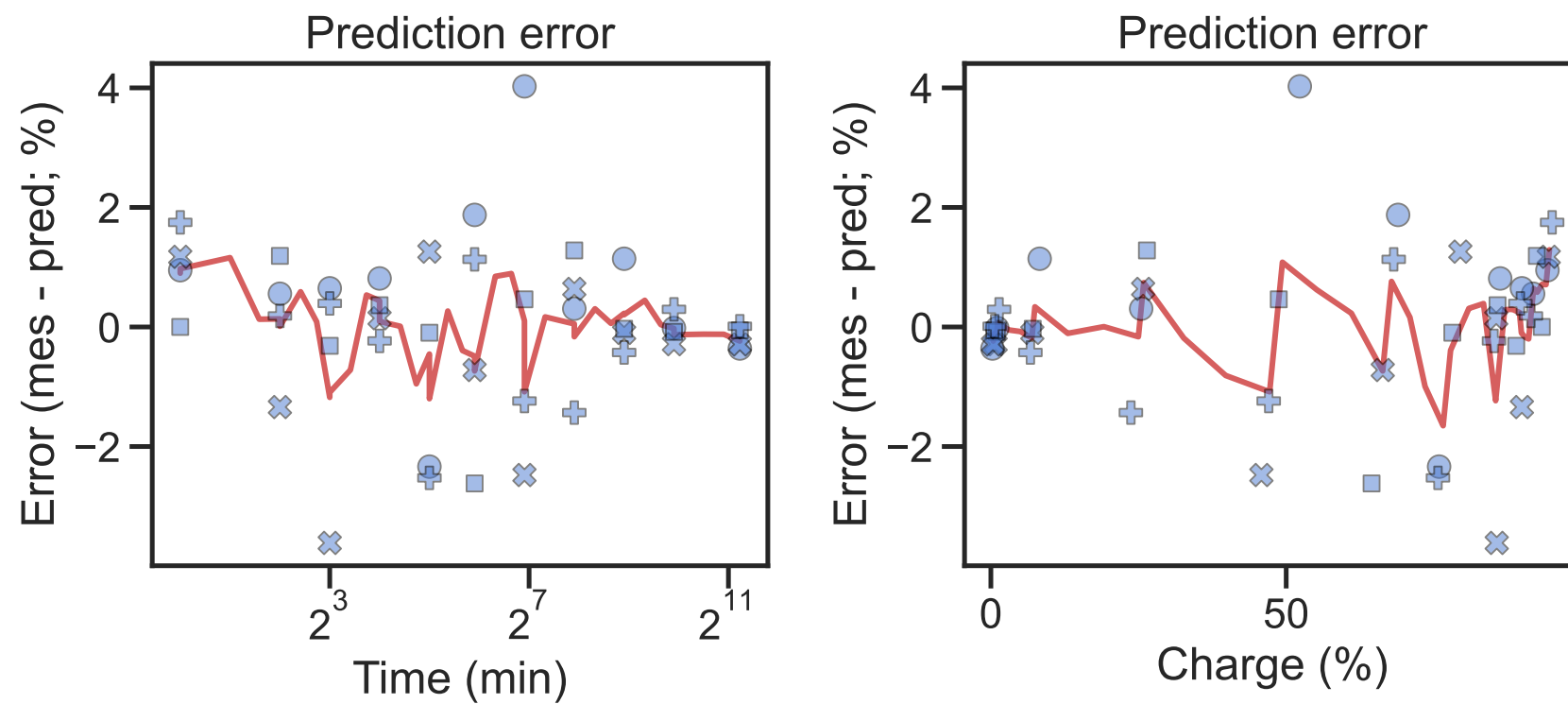
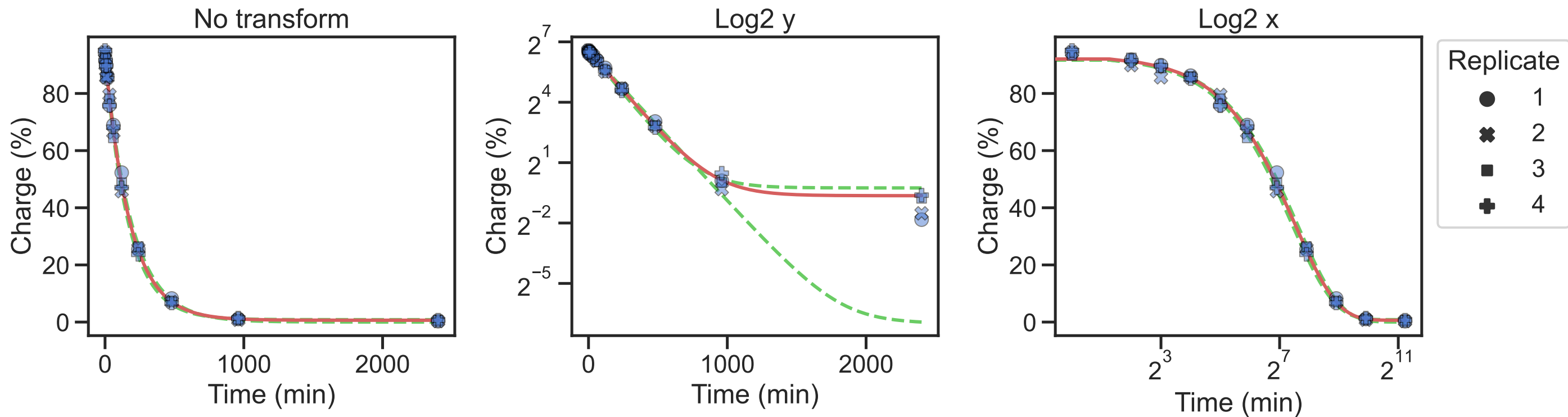
Pro-AGG-1-1 half-life=125 min, 95% CI (106; 144)



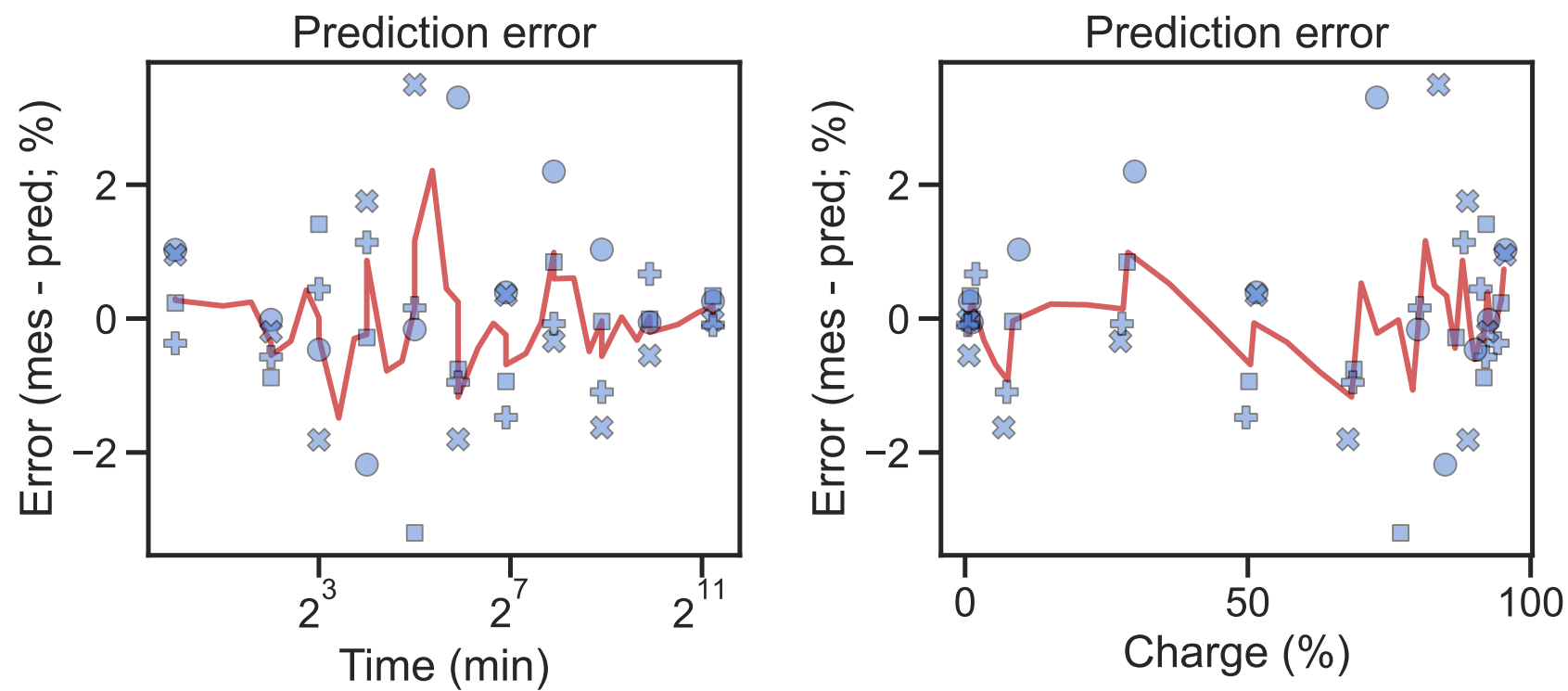
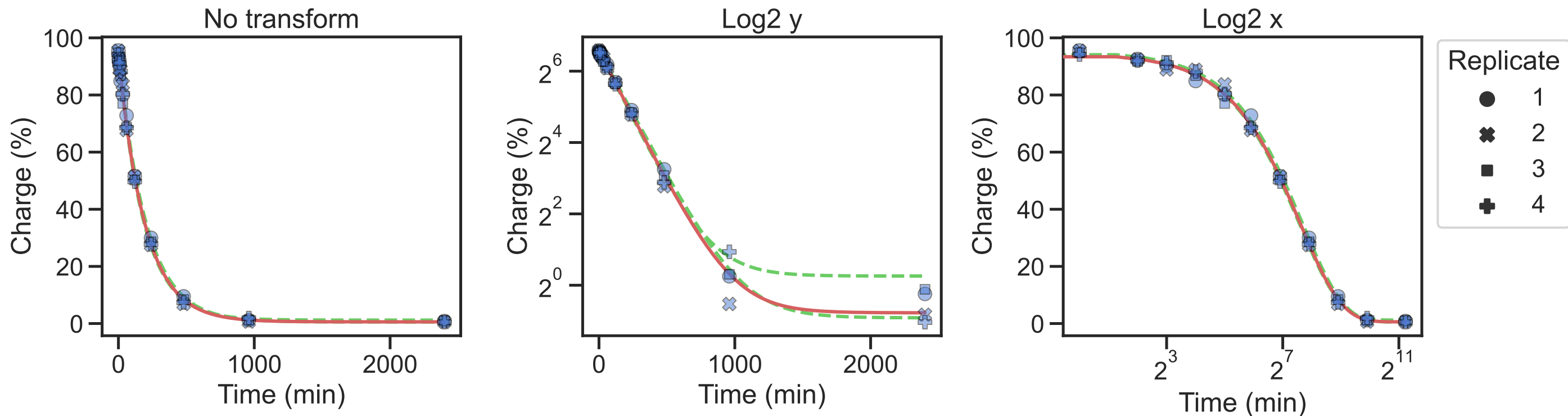
Pro-AGG-2-1 half-life=140 min, 95% CI (131; 146)



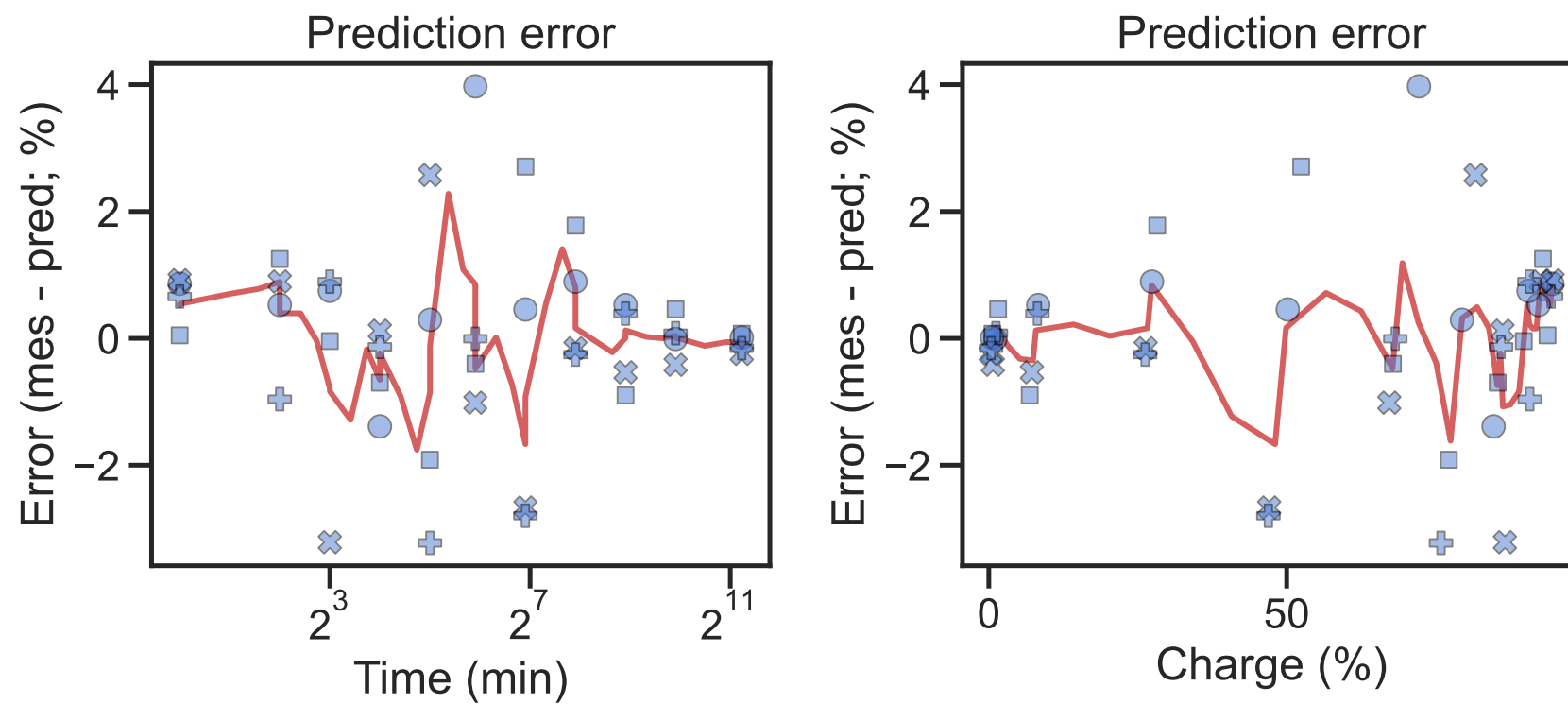
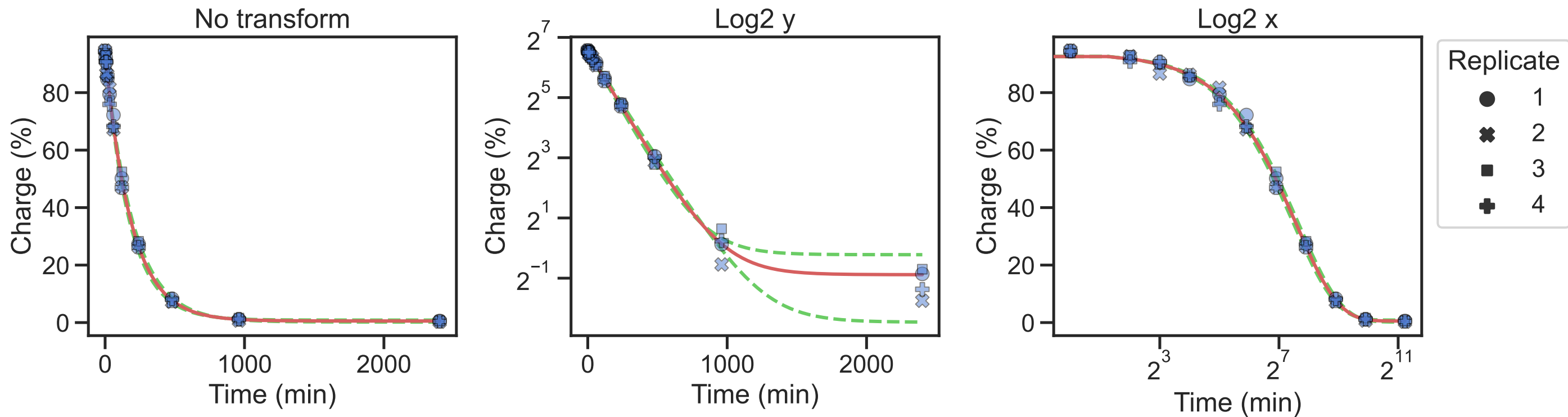
Pro-CGG-1-1 half-life=125 min, 95% CI (117; 134)



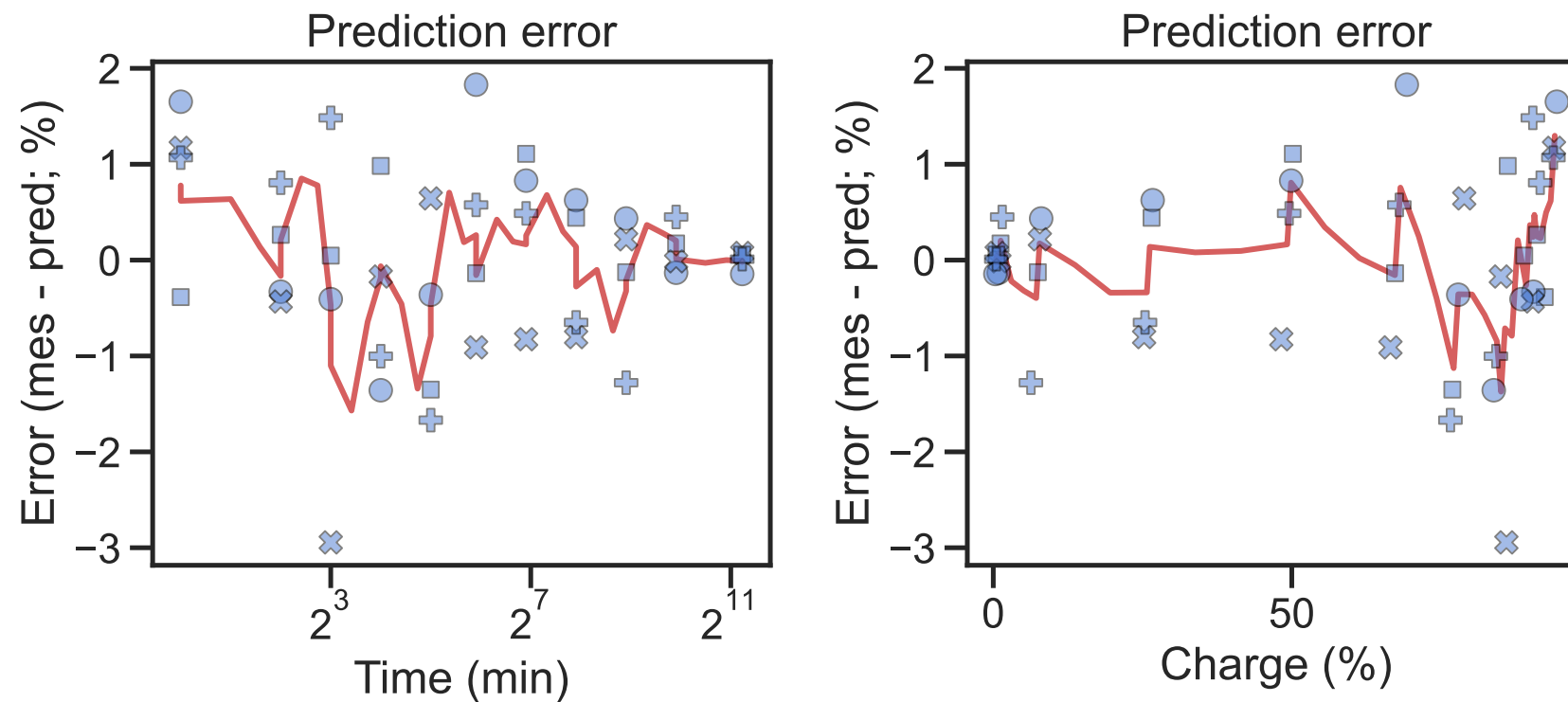
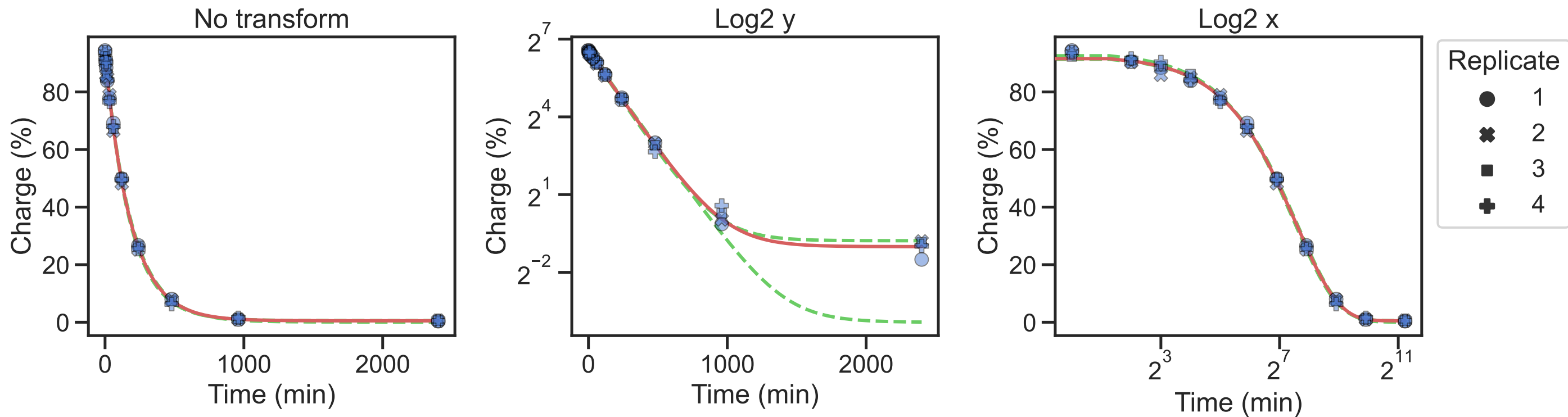
Pro-CGG-2-1 half-life=134 min, 95% CI (129; 141)



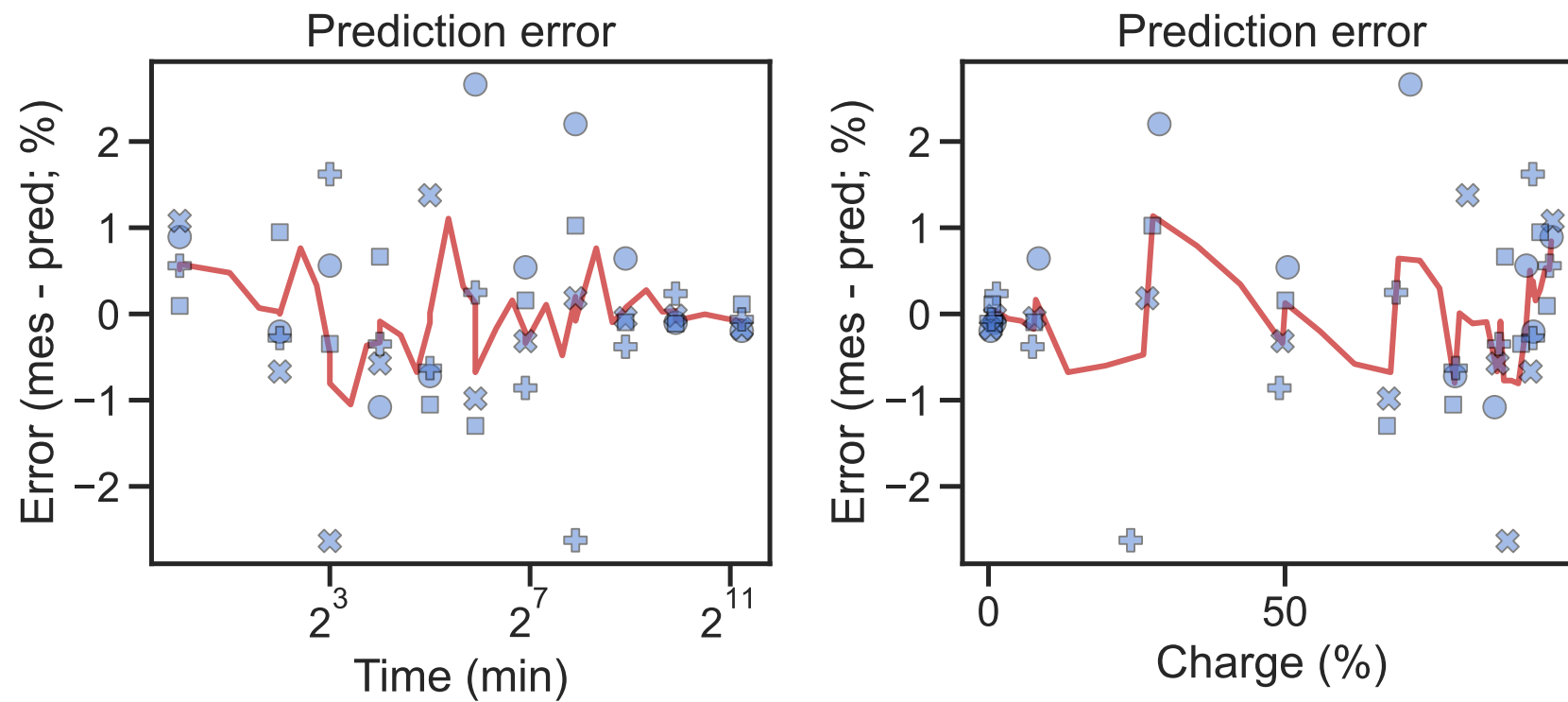
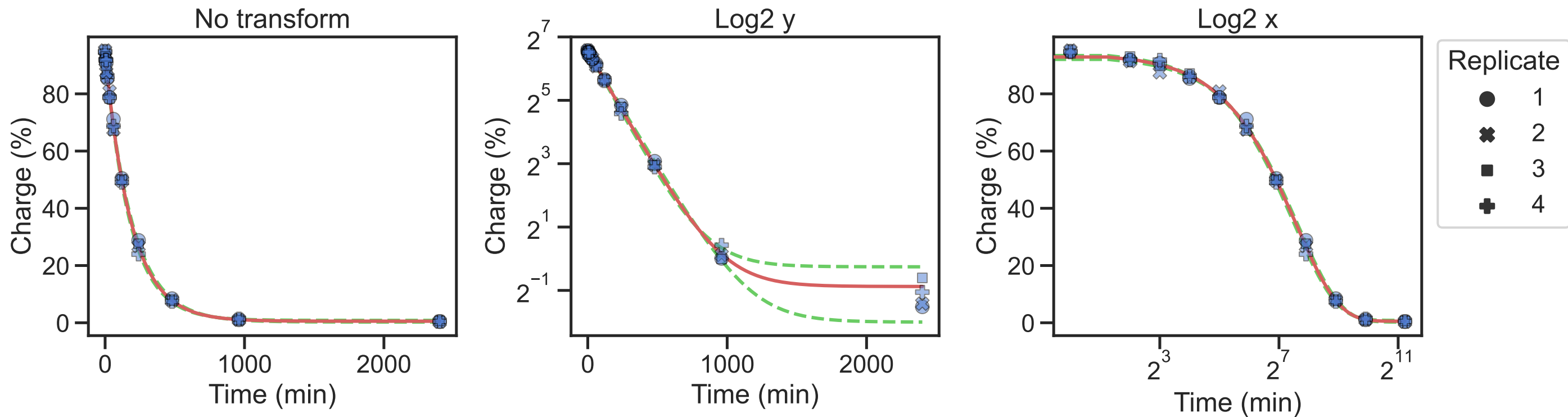
Pro-TGG-1-1 half-life=130 min, 95% CI (122; 139)



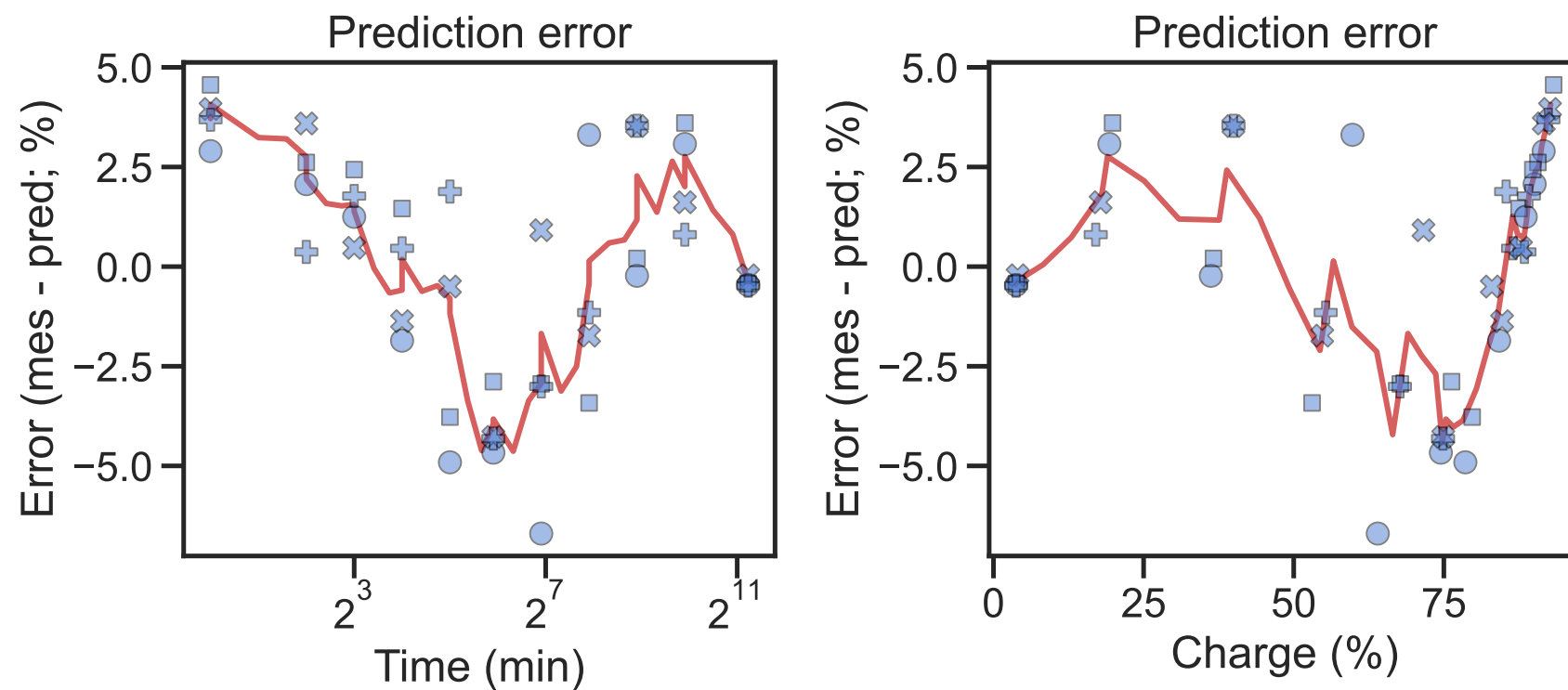
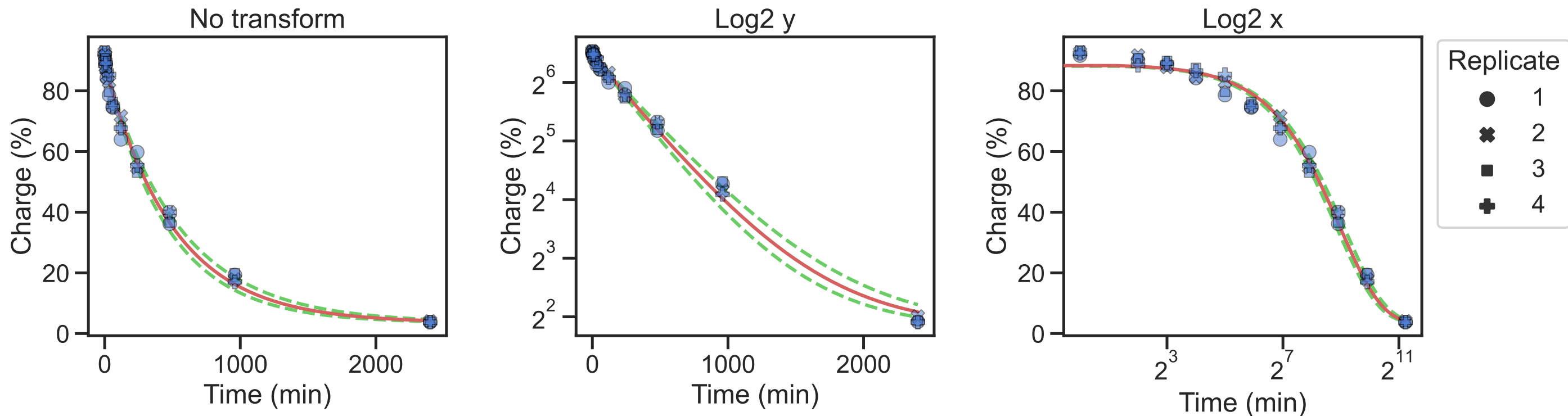
Pro-TGG-2-1 half-life=130 min, 95% CI (125; 134)



Pro-TGG-3-1 half-life=130 min, 95% CI (124; 137)

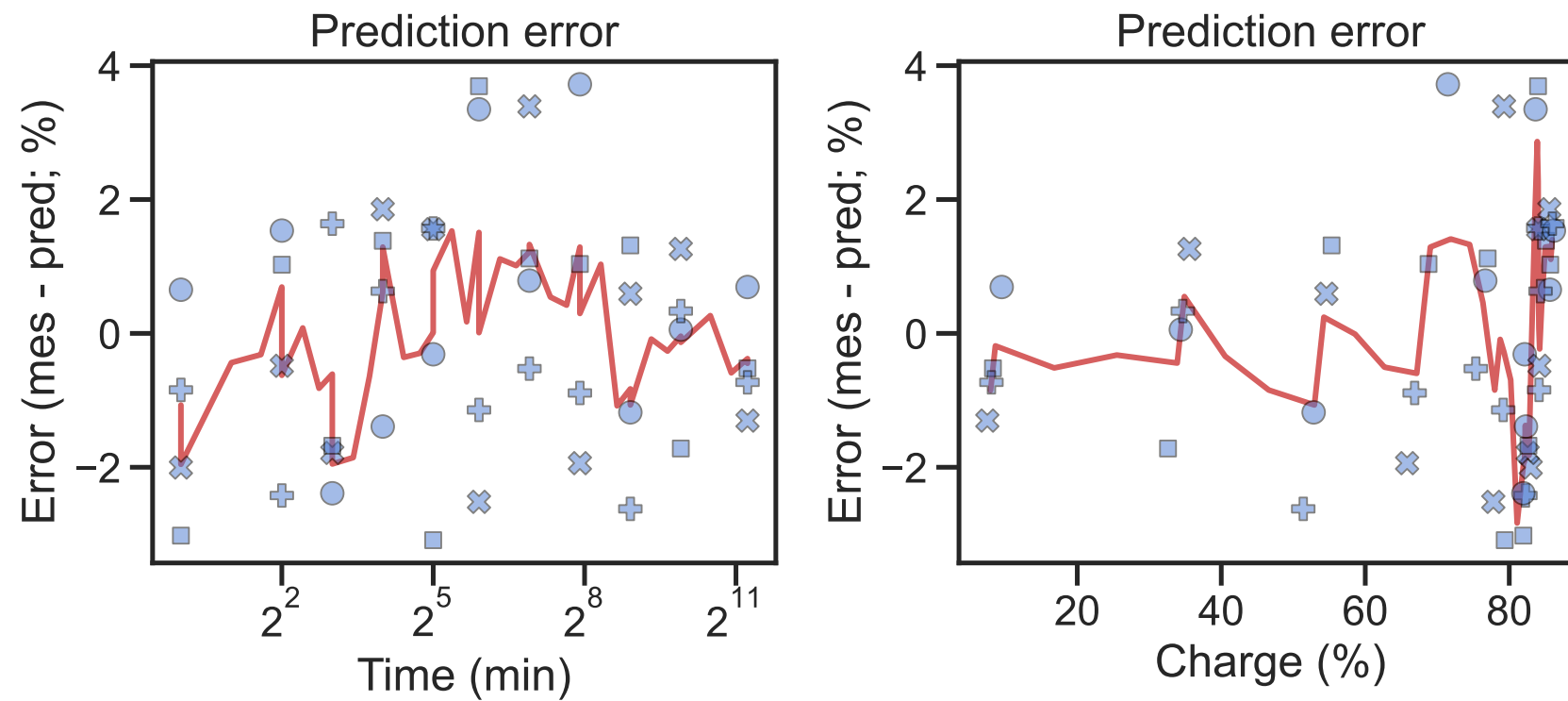
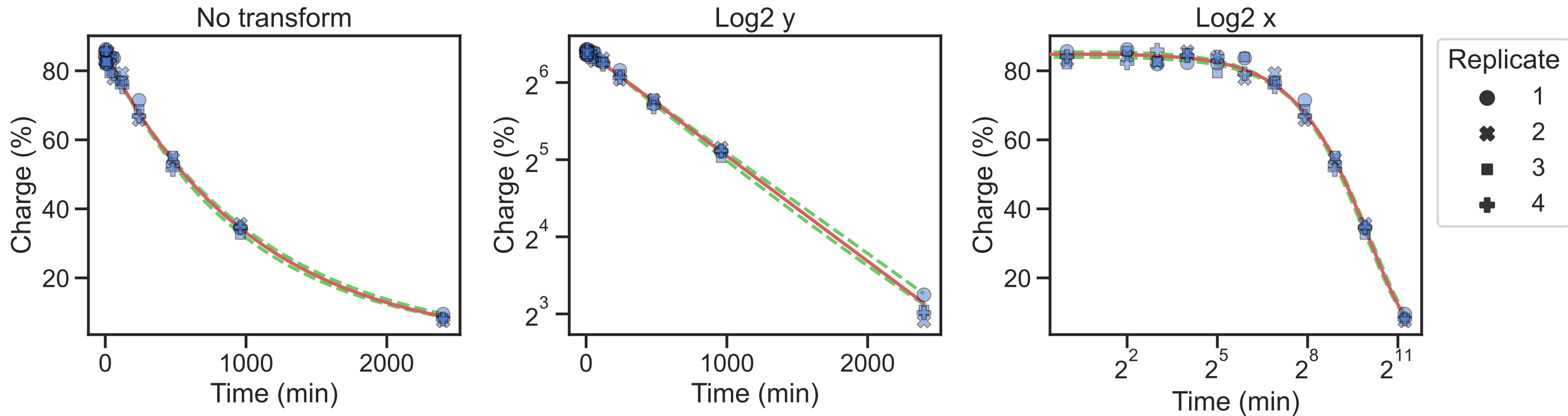


SeC-TCA-1-1 half-life=350 min, 95% CI (322; 384)

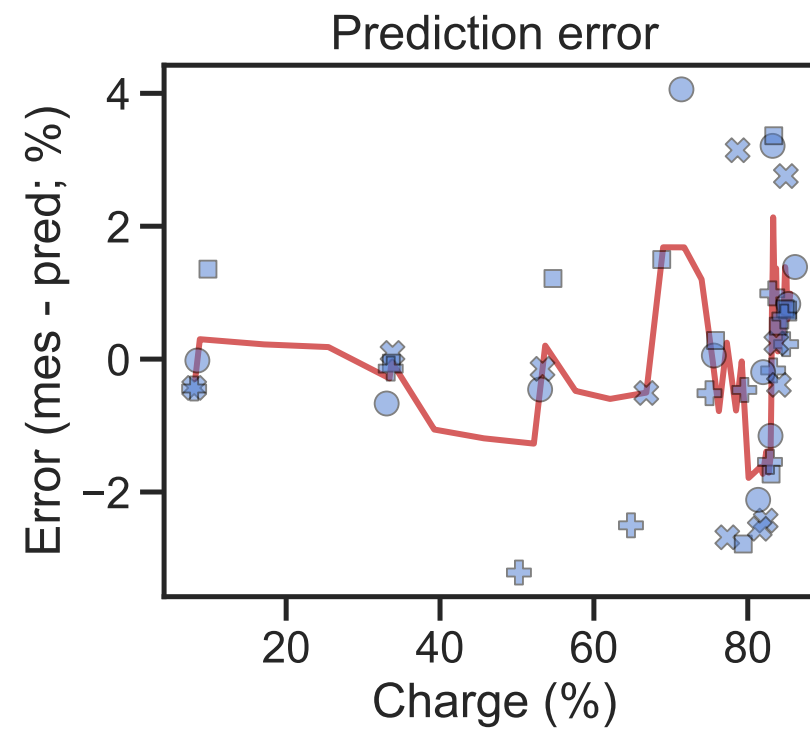
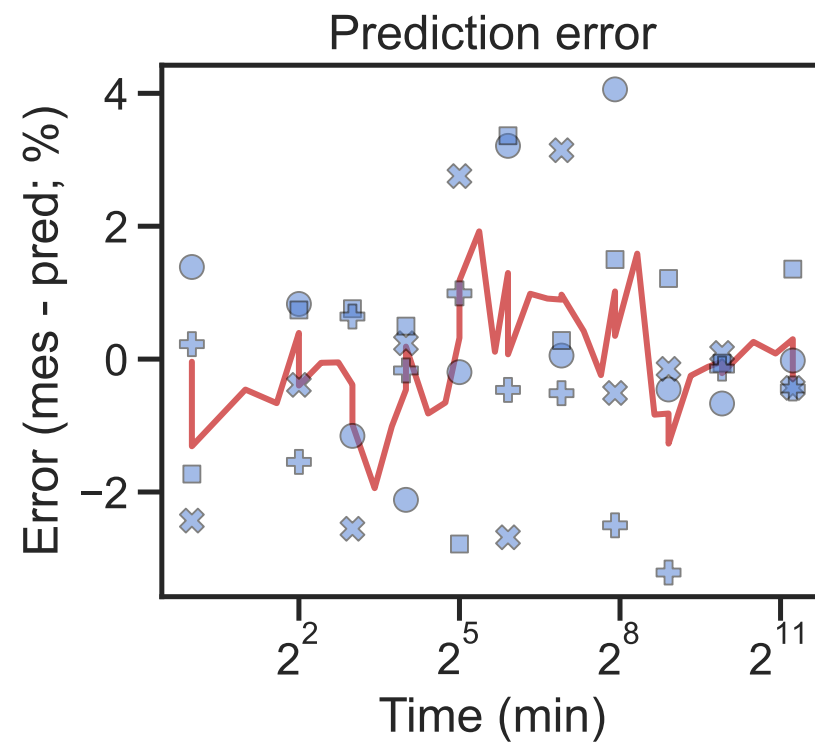
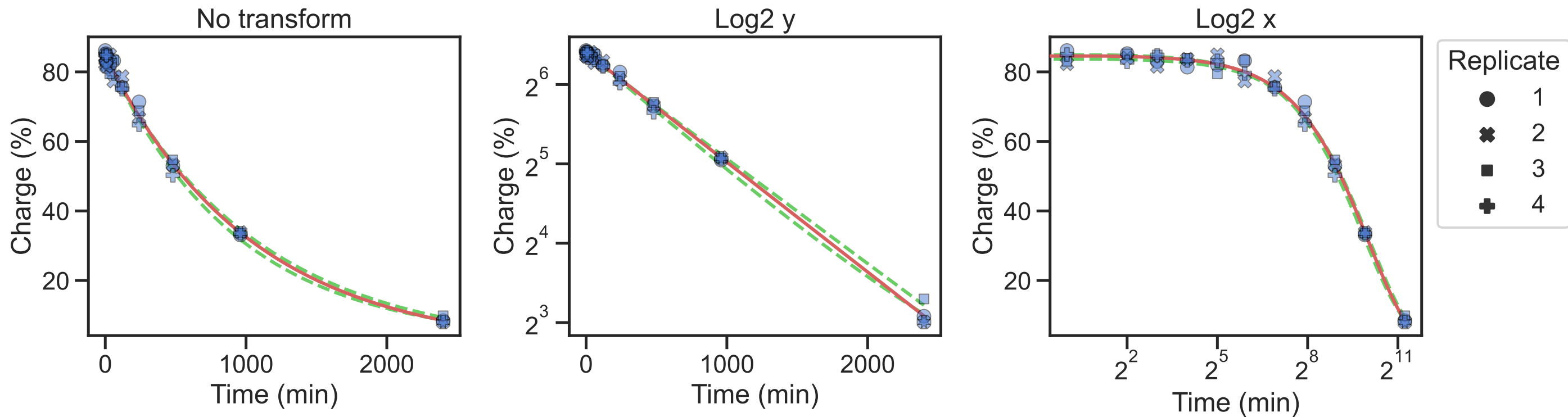




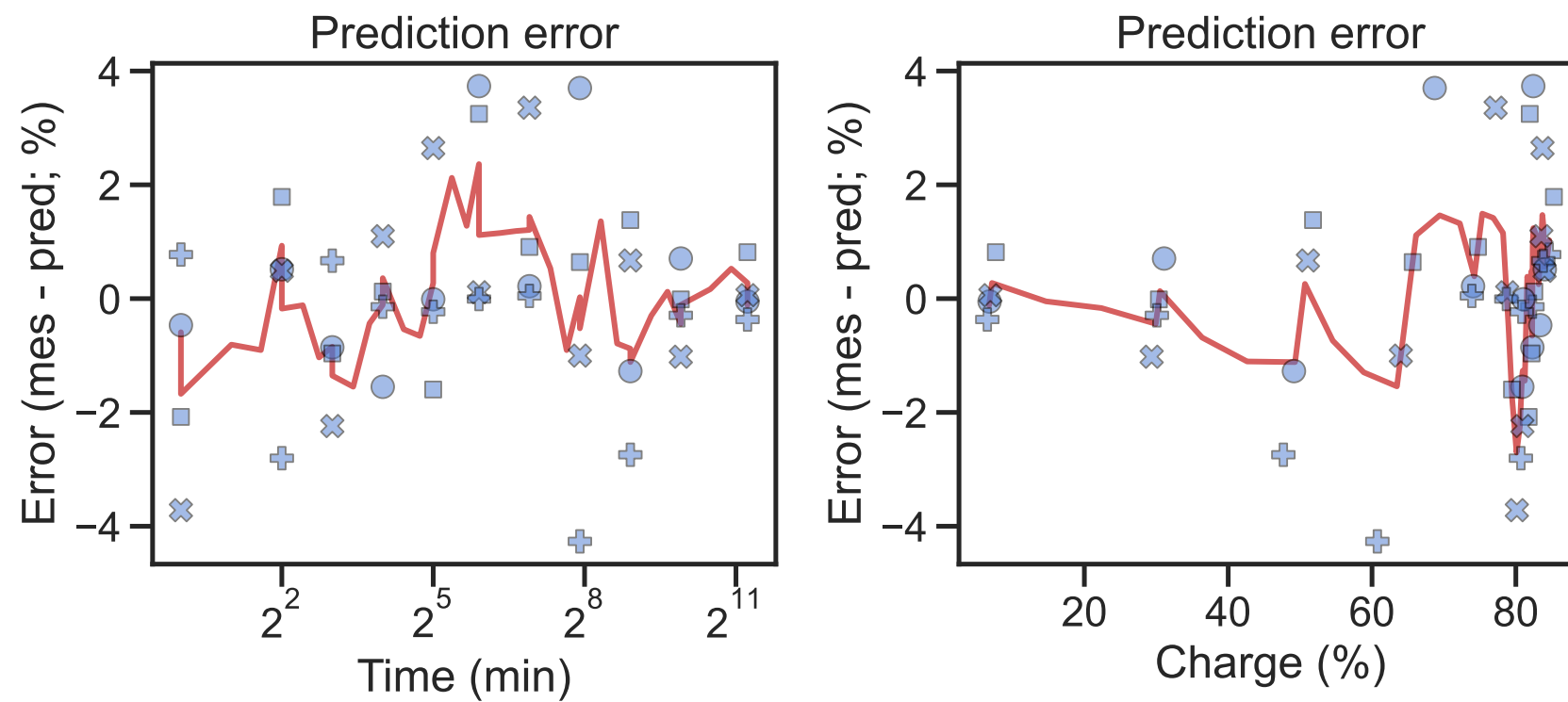
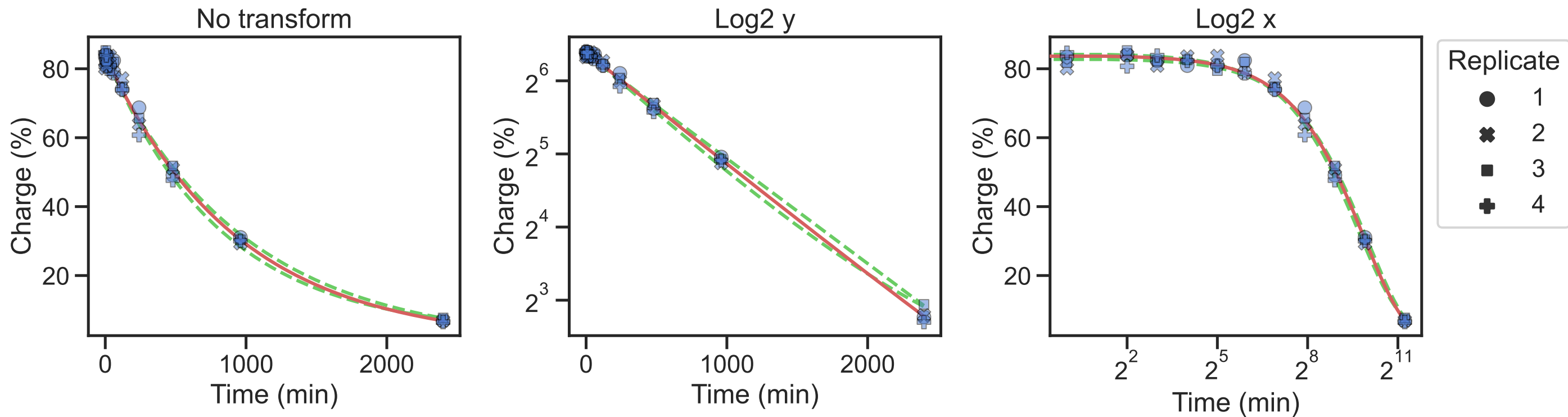
Ser-AGA-1-1 half-life=734 min, 95% CI (673; 766)



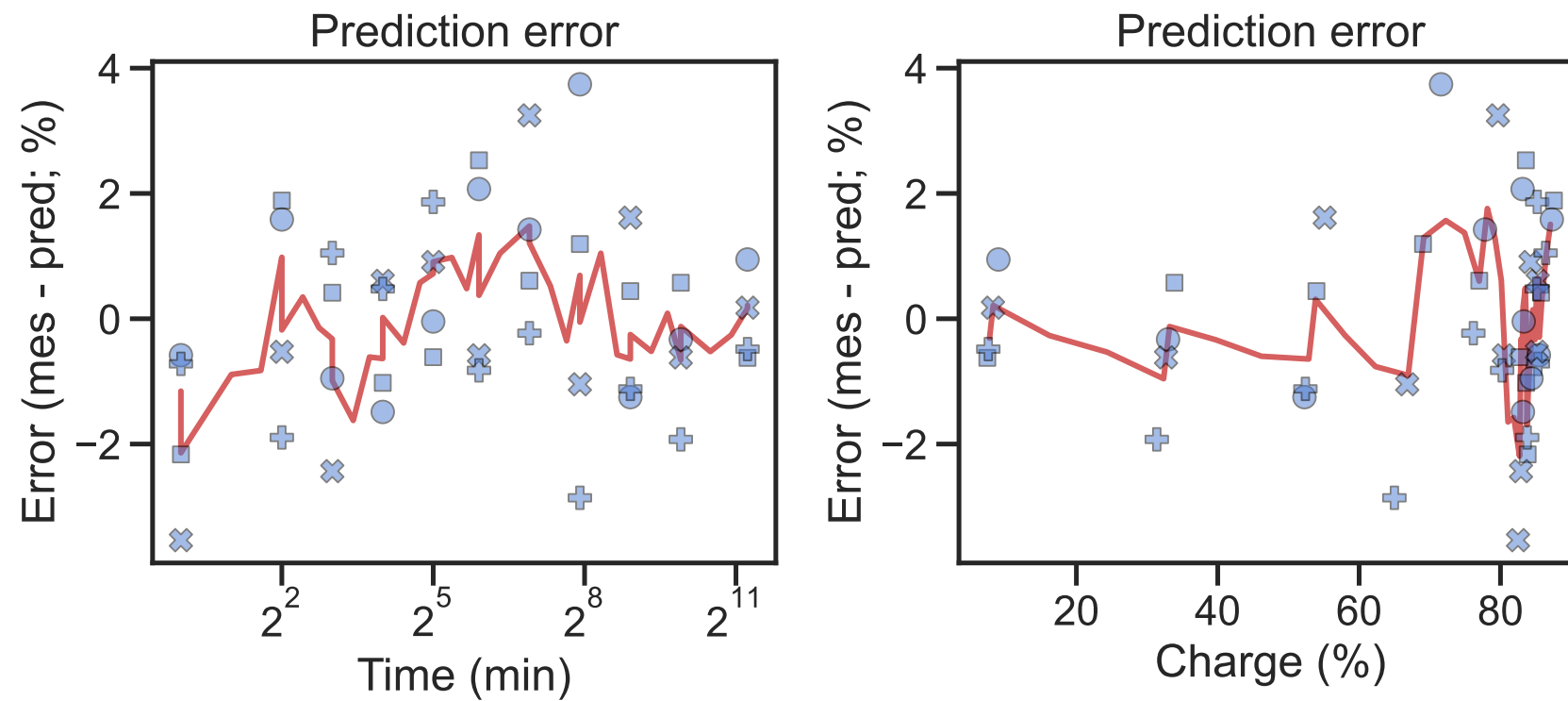
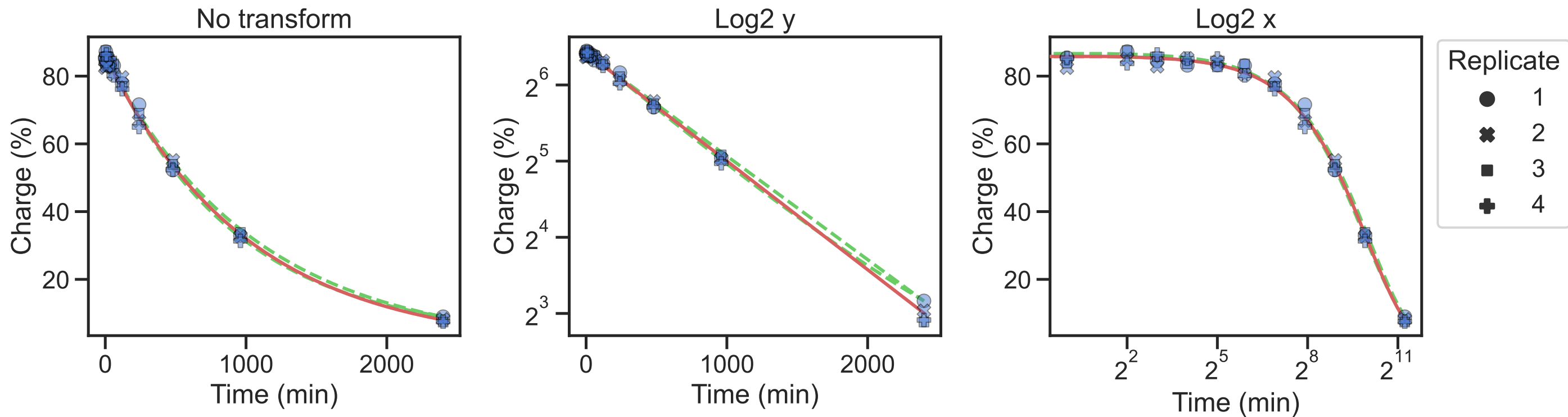
Ser-AGA-2-1 half-life=722 min, 95% CI (642; 751)



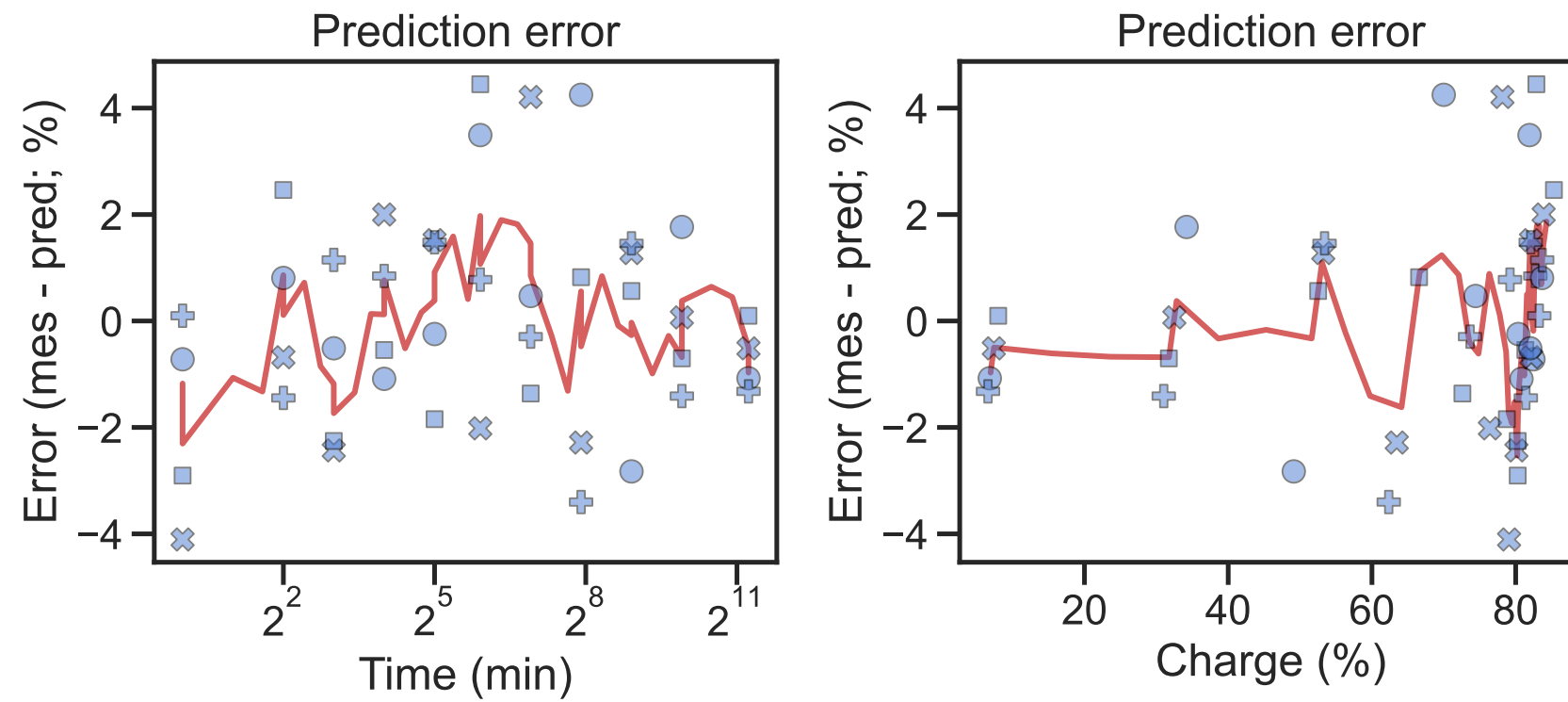
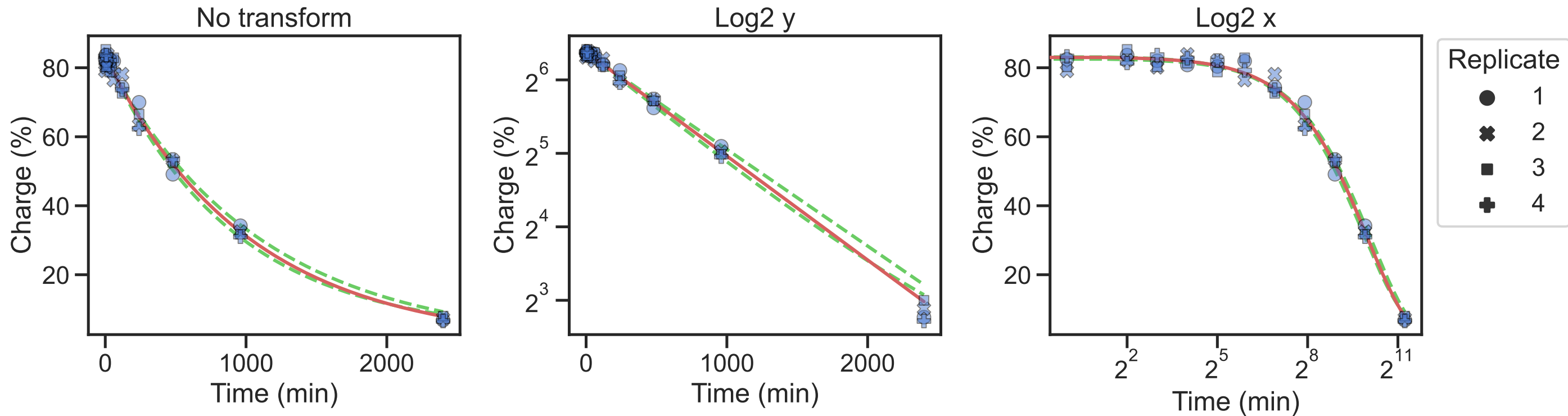
Ser-CGA-1-1 half-life=649 min, 95% CI (569; 696)



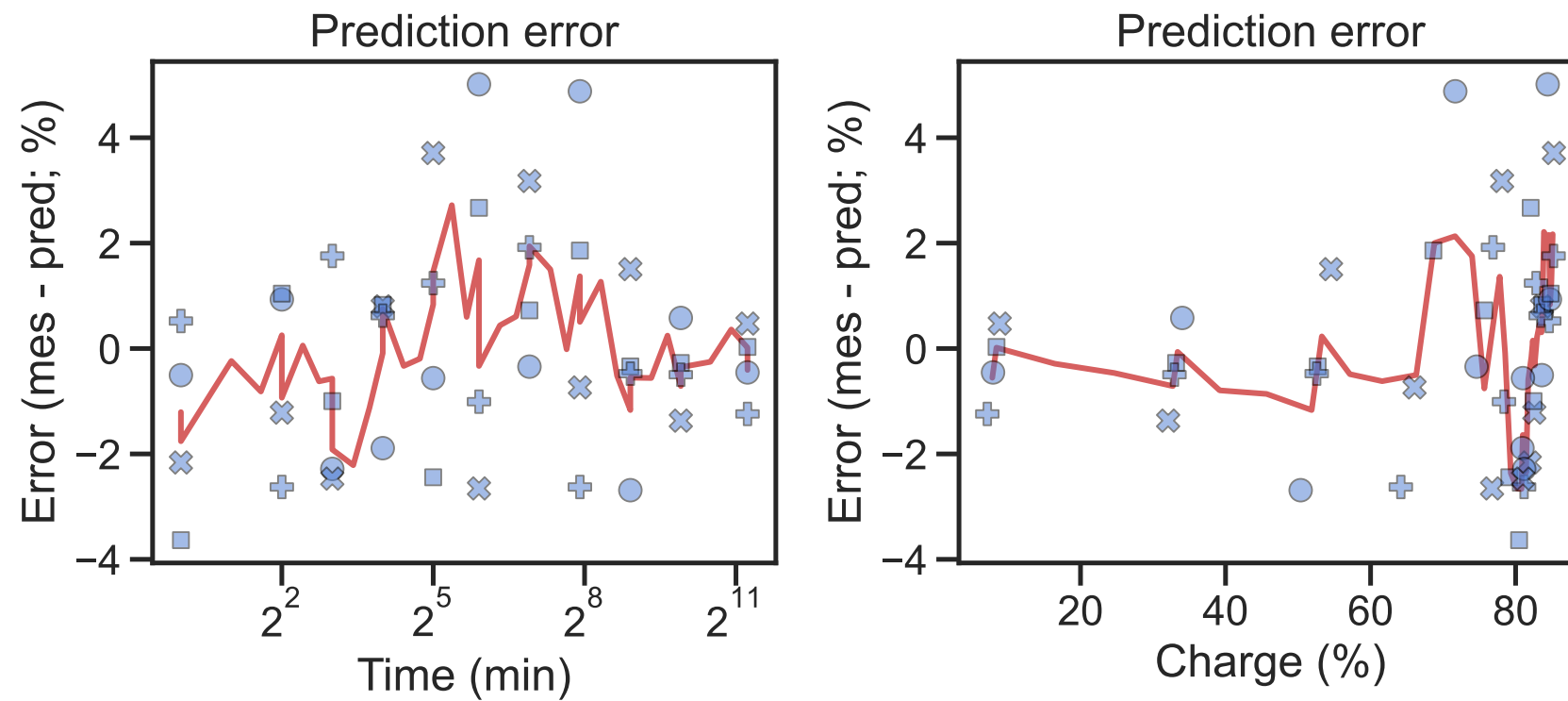
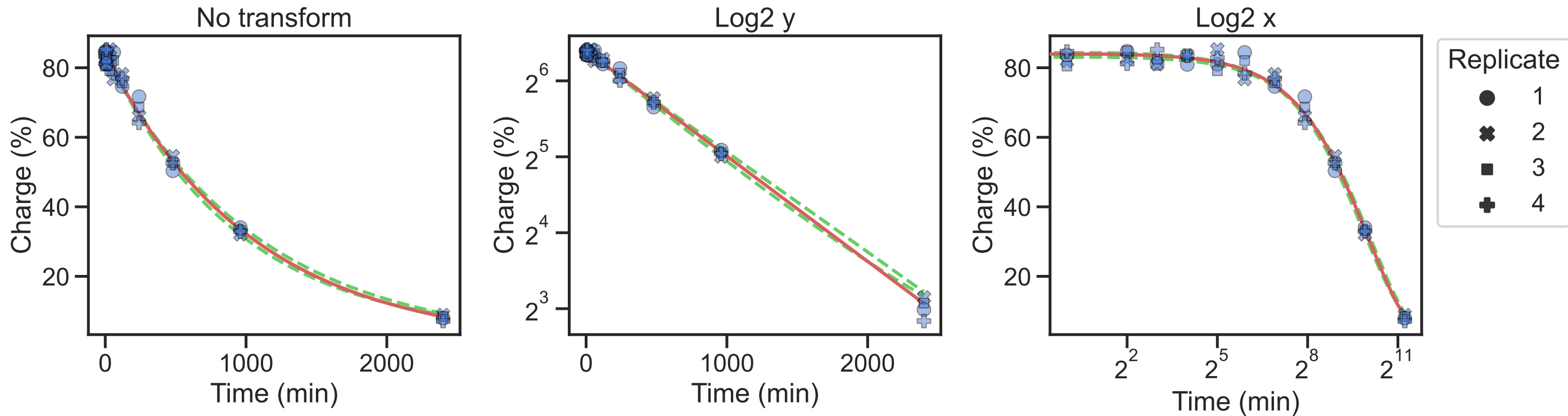
Ser-CGA-4-1 half-life=701min, 95% CI (640; 736)



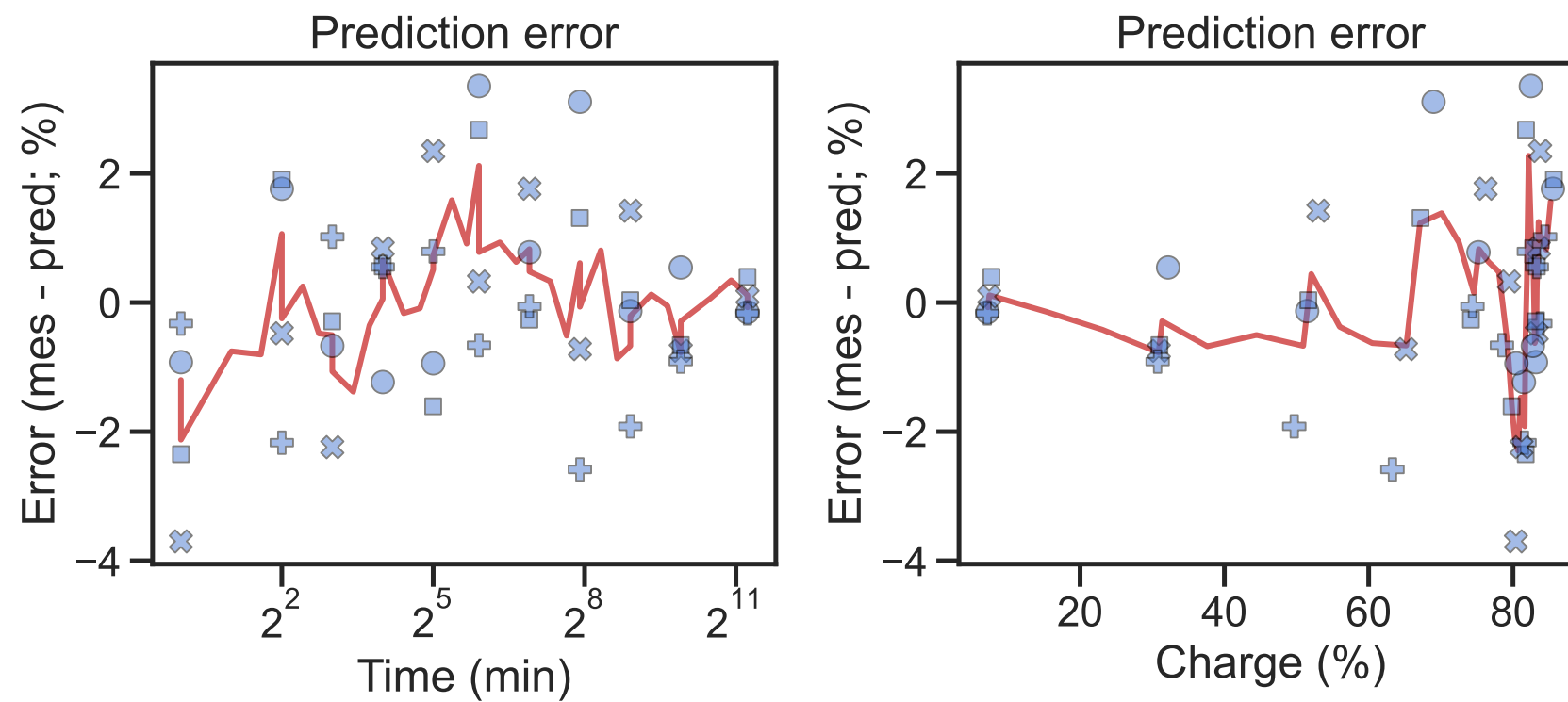
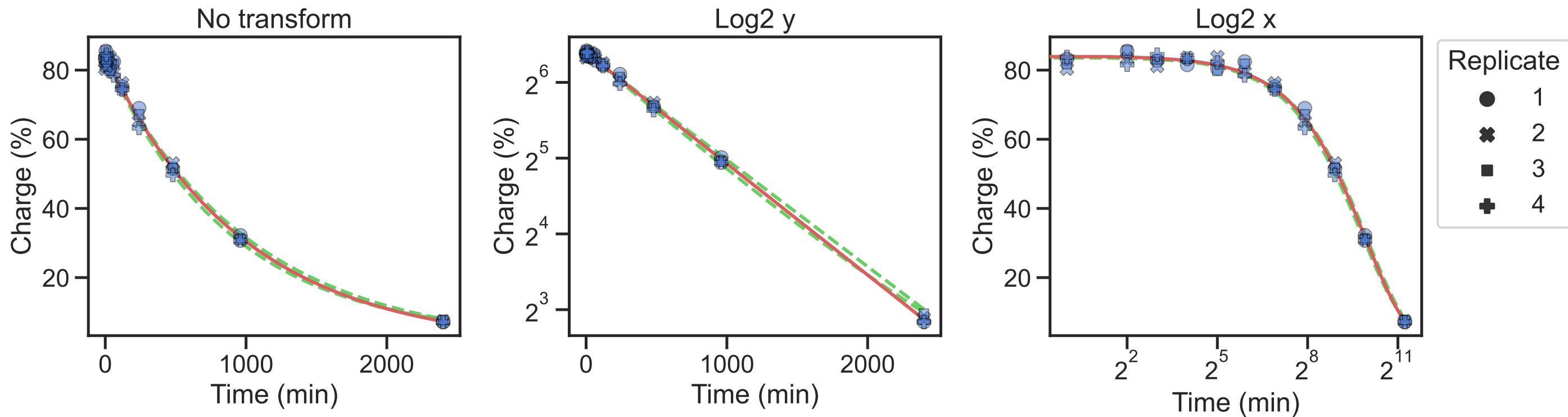
Ser-GCT-1-1 half-life=707min, 95% CI (632; 760)



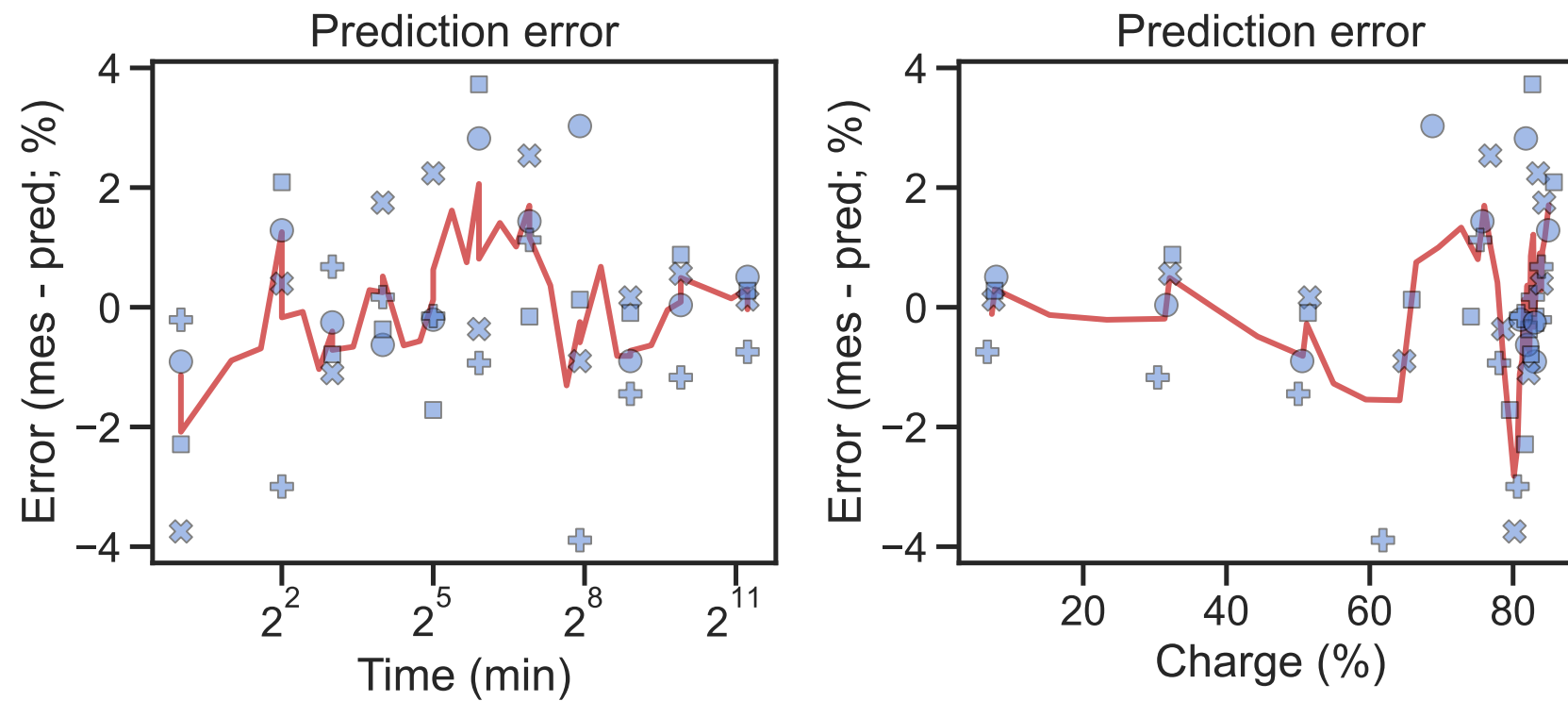
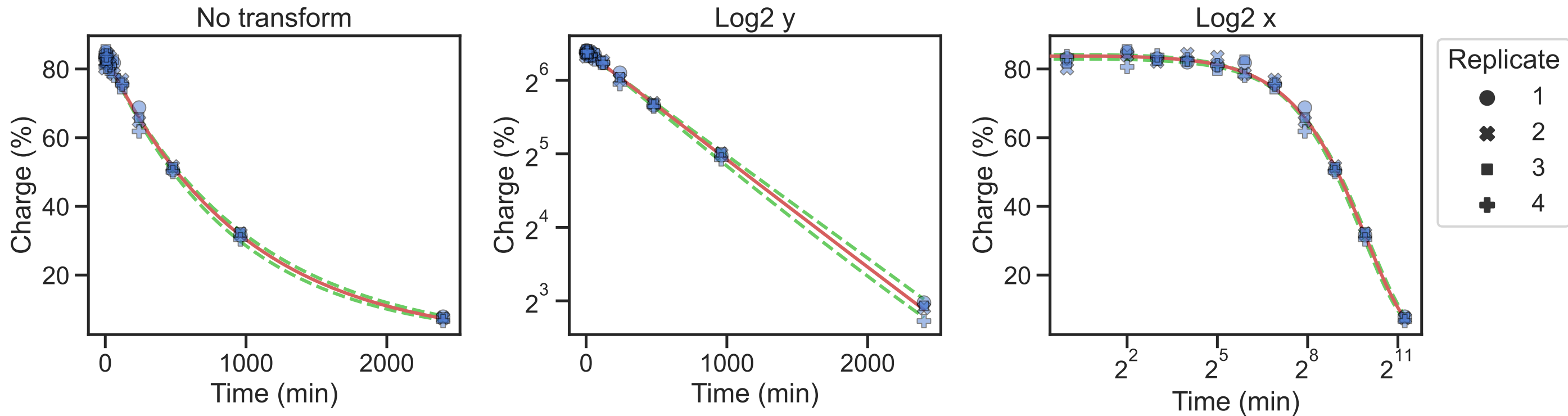
Ser-GCT-2-1 half-life=722min, 95% CI (647; 760)



Ser-GCT-3-1 half-life=681 min, 95% CI (623; 709)

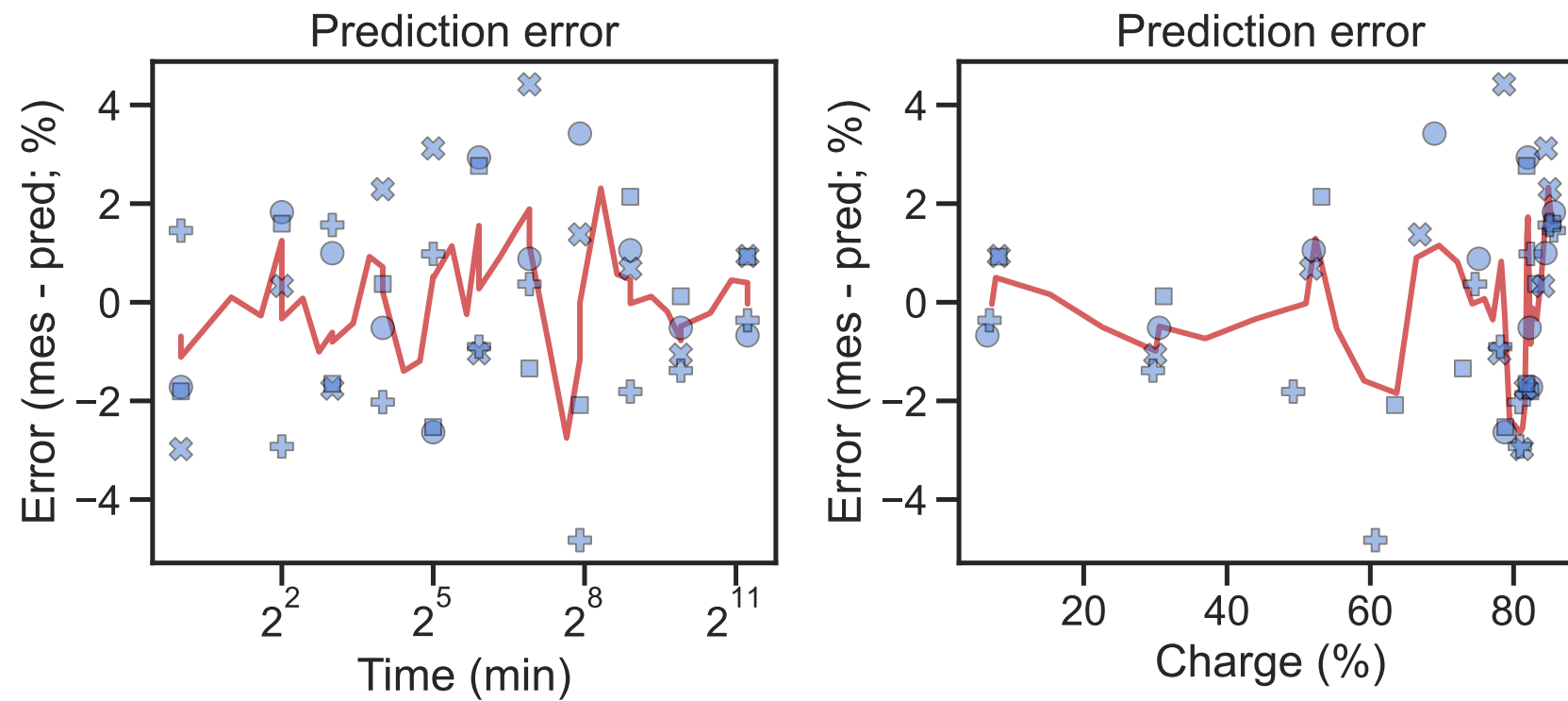
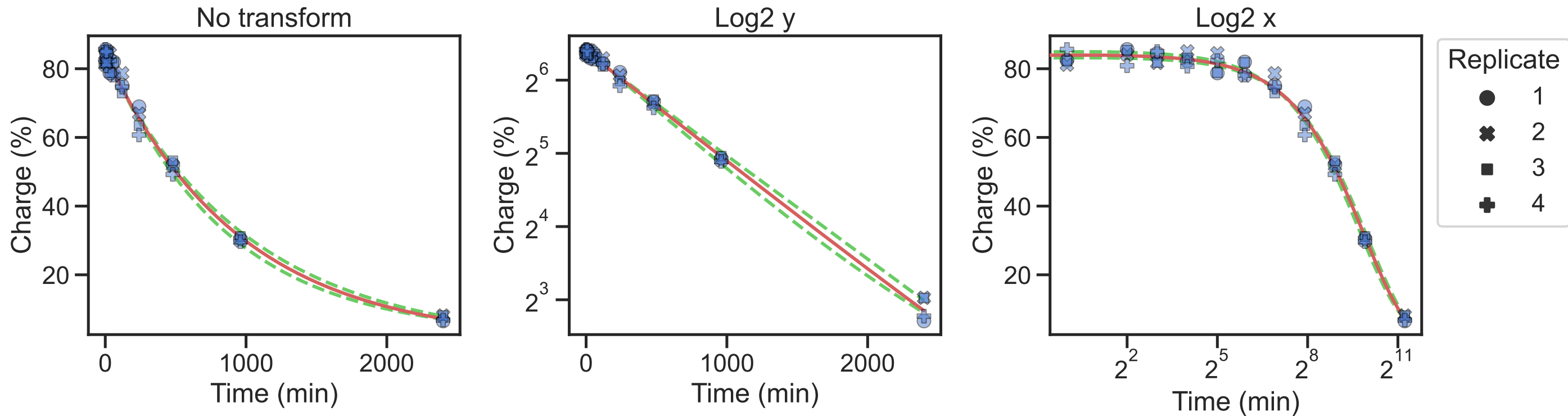


Ser-GCT-4-1 half-life=678min, 95% CI (625; 715)

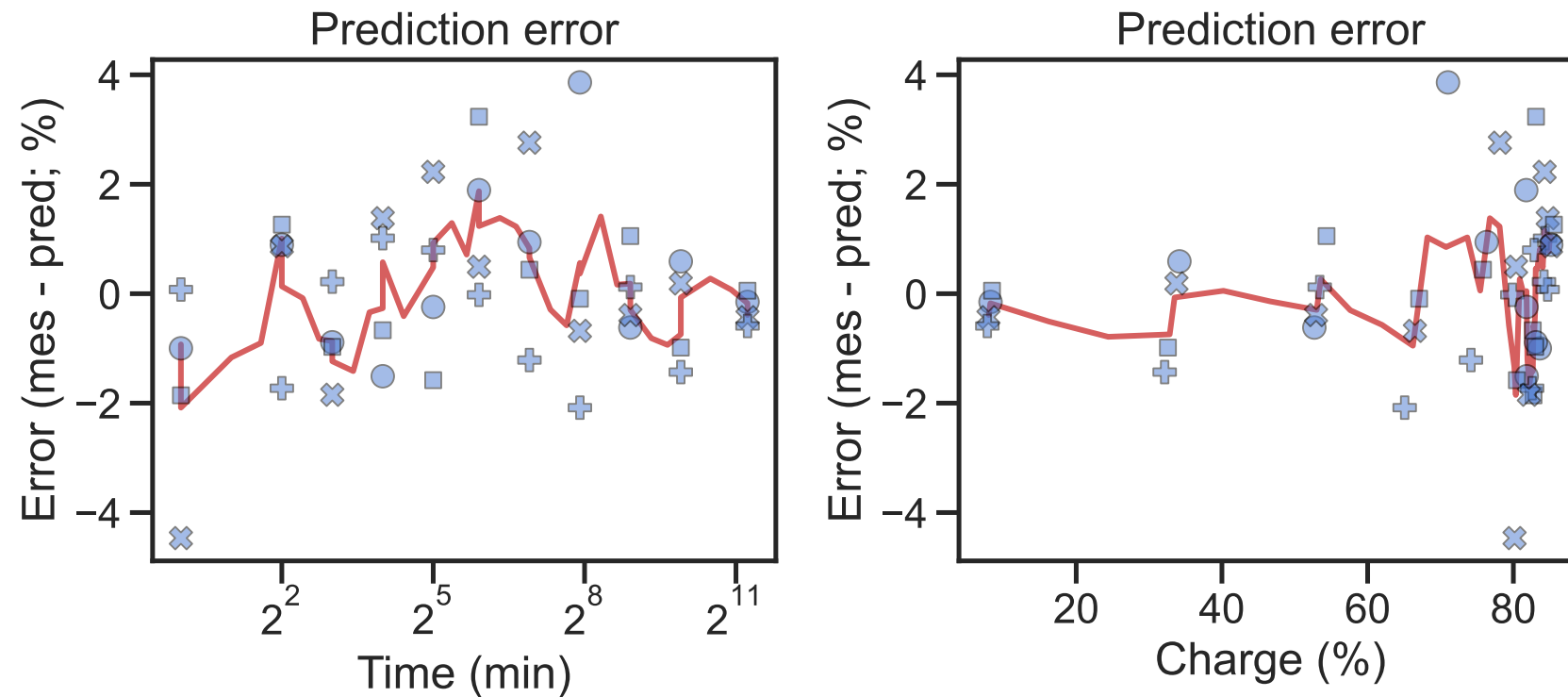
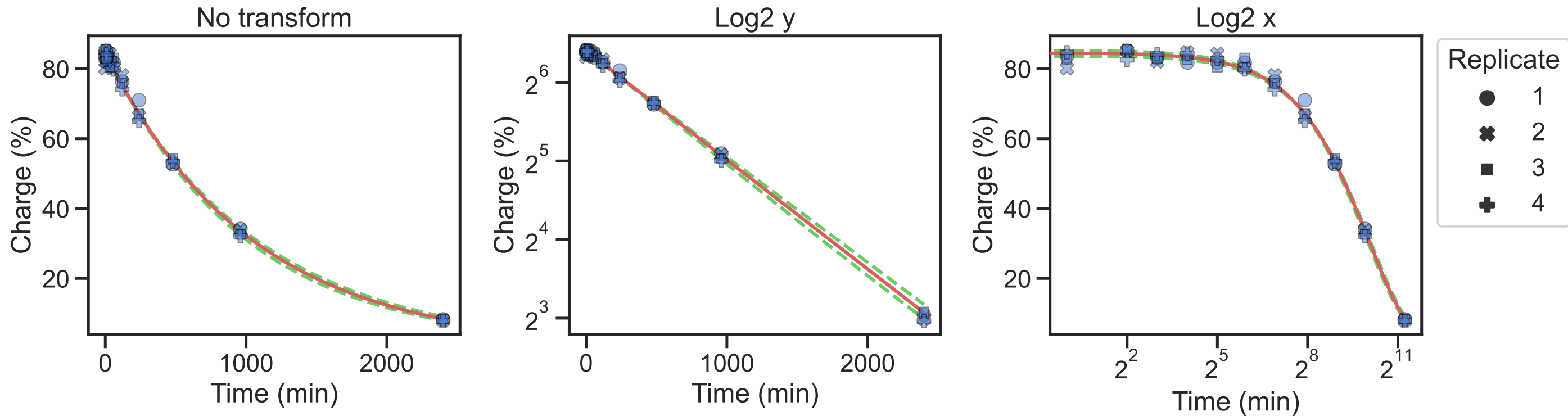




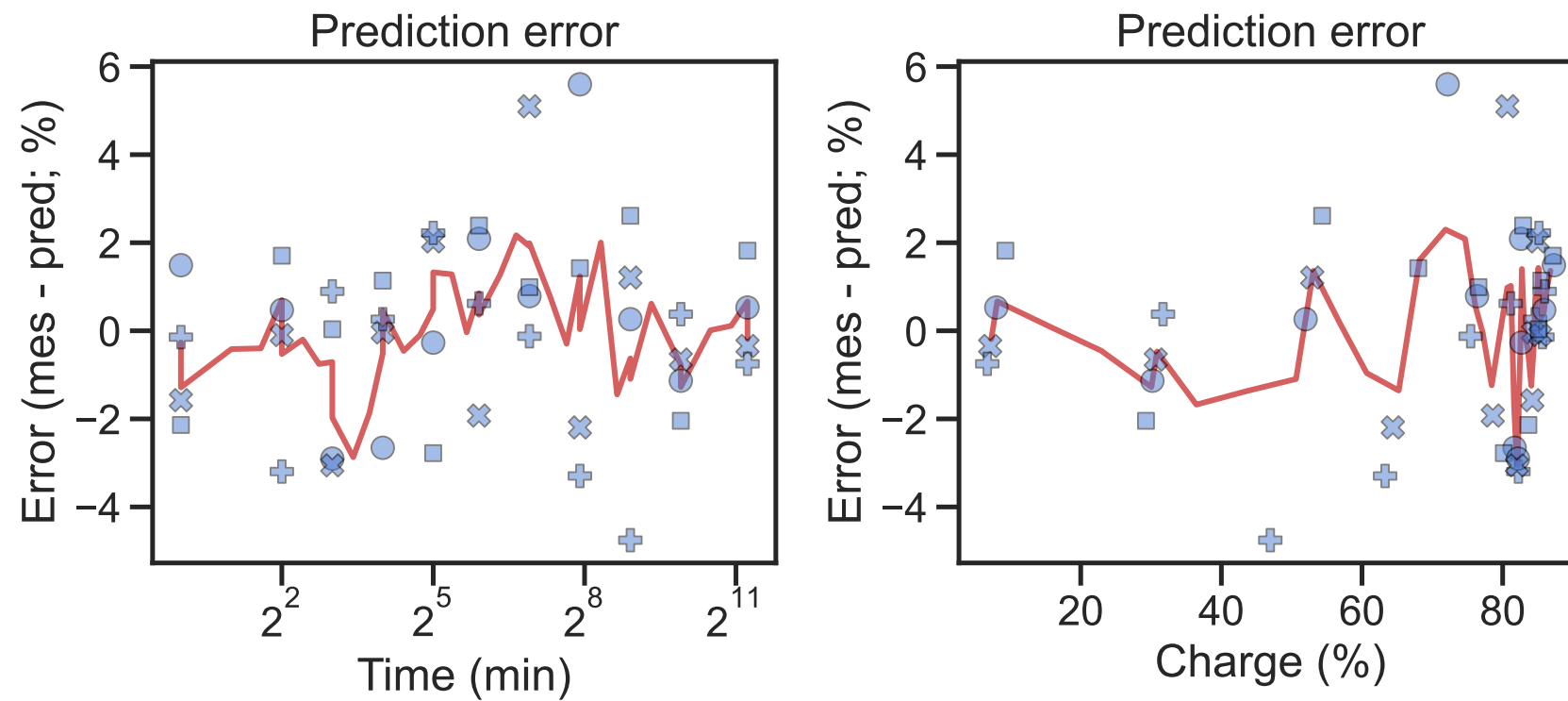
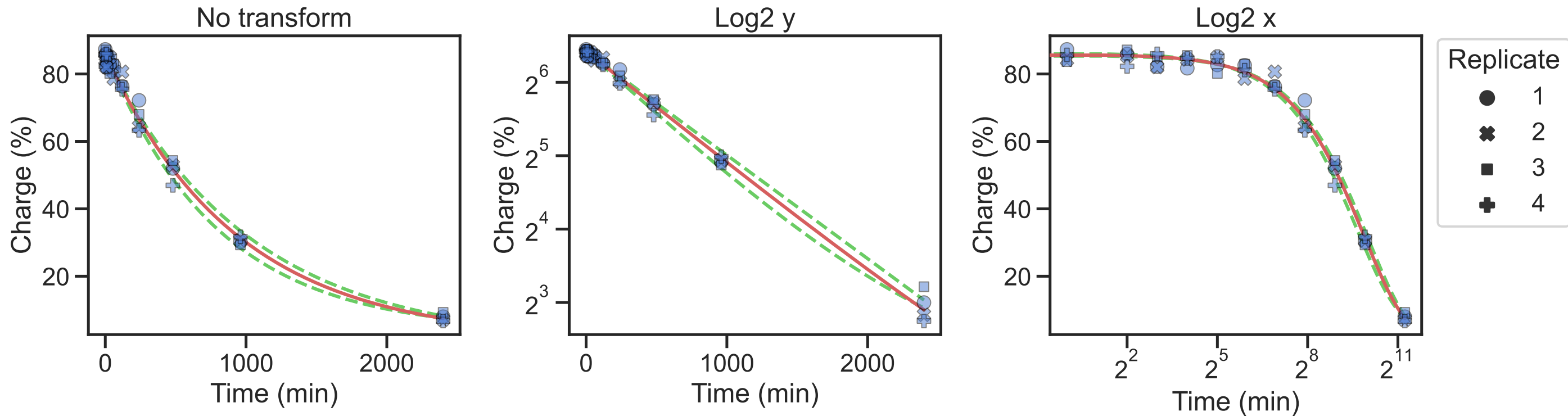
Ser-GCT-5-1 half-life=661 min, 95% CI (588; 708)



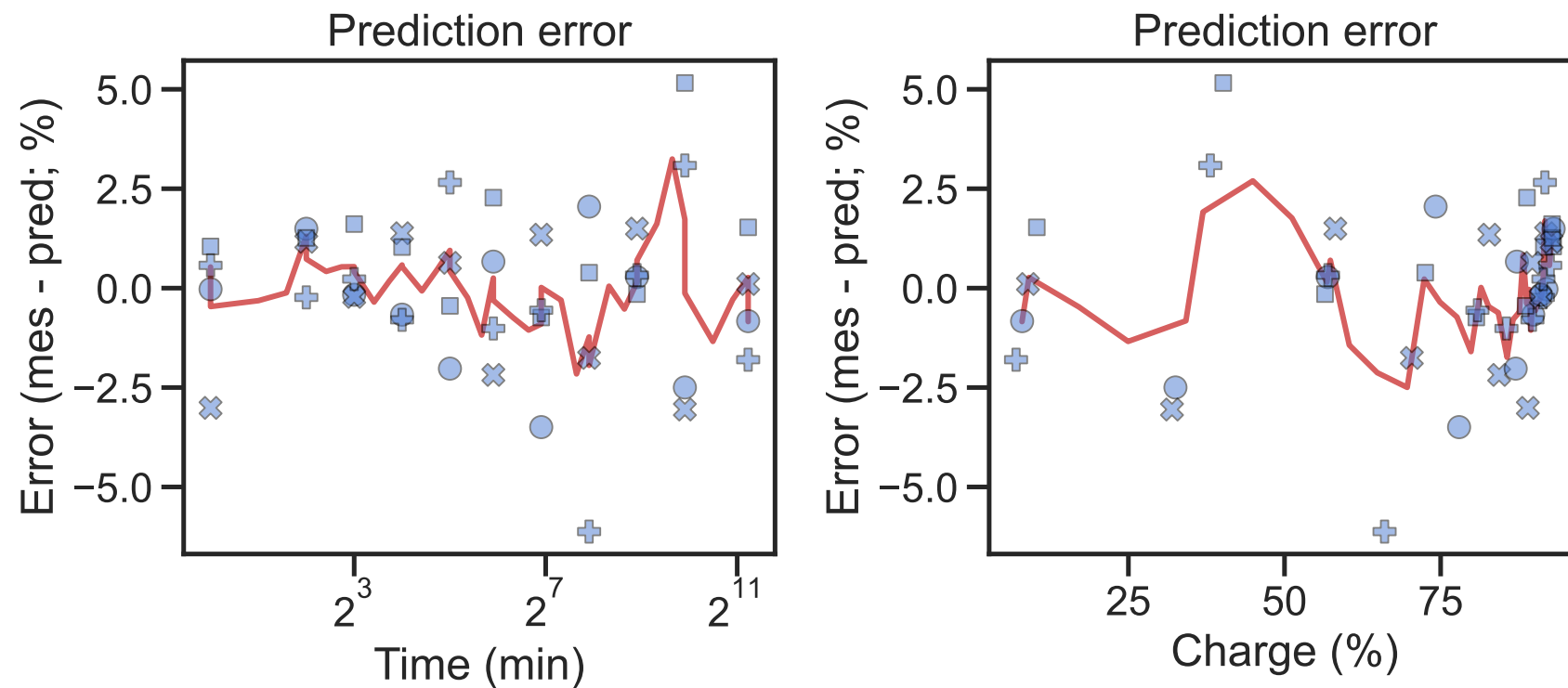
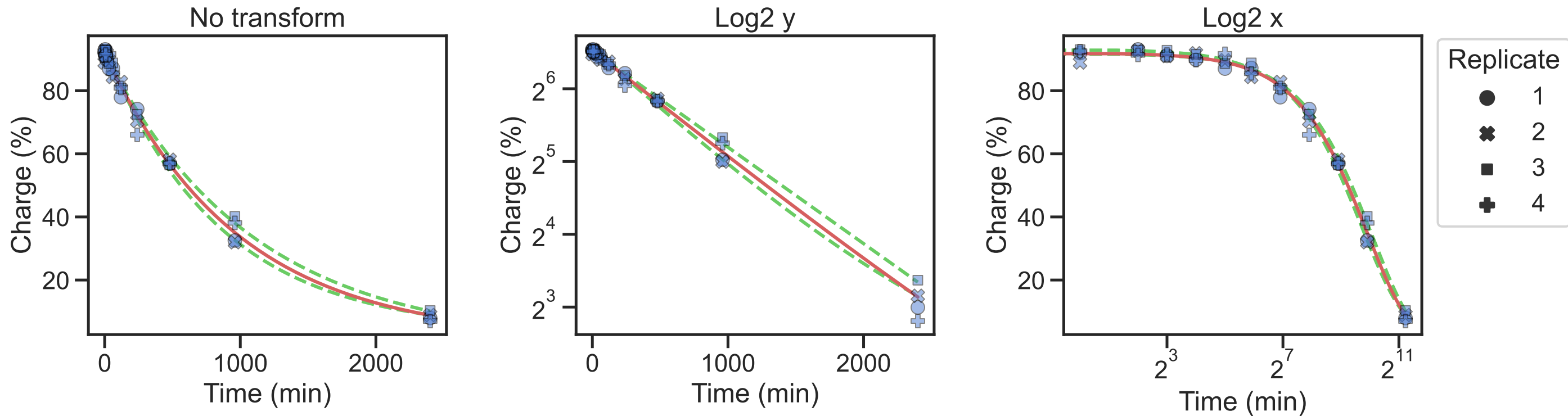
Ser-TGA-1-1 half-life=720min, 95% CI (677; 747)



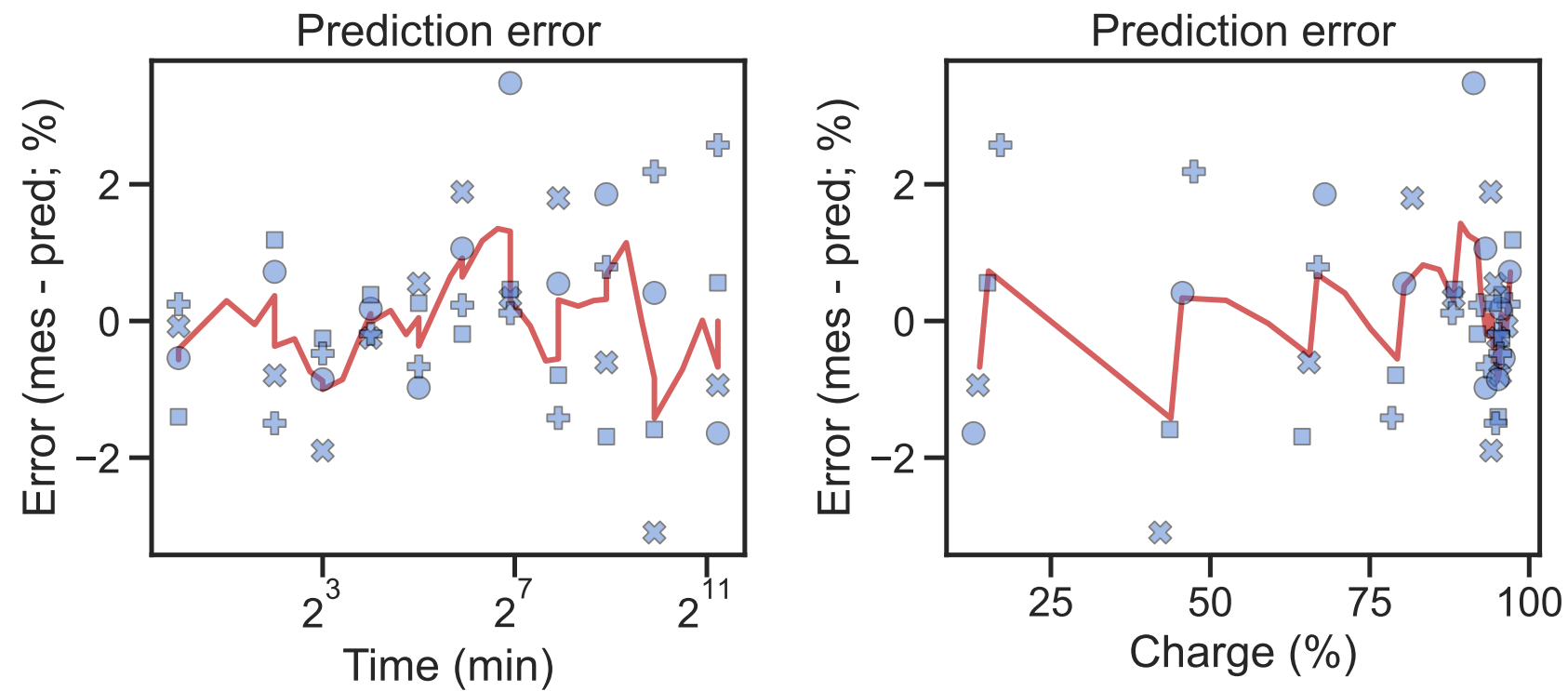
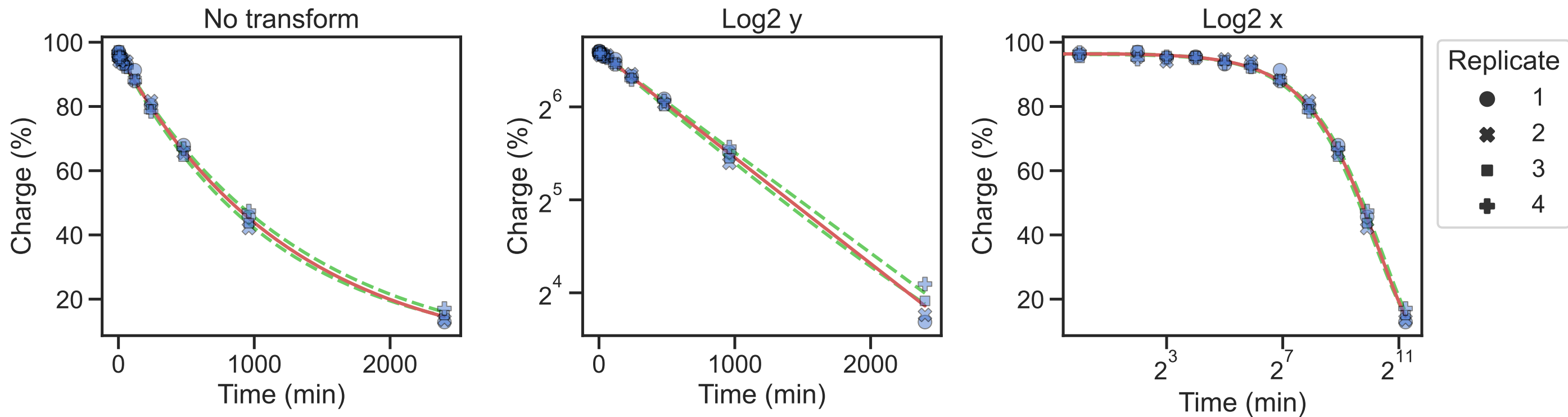
Ser-TGA-2-1 half-life=648min, 95% CI (553; 709)



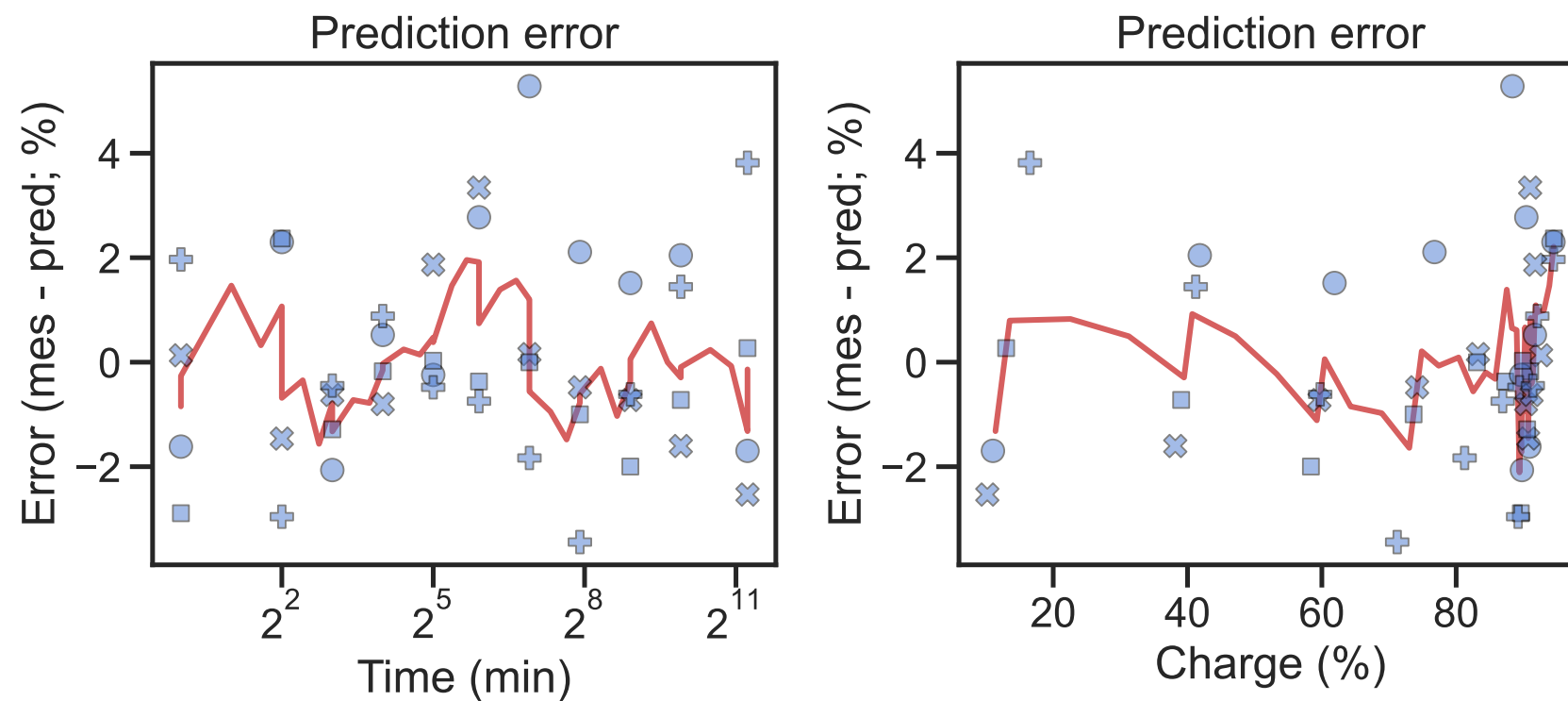
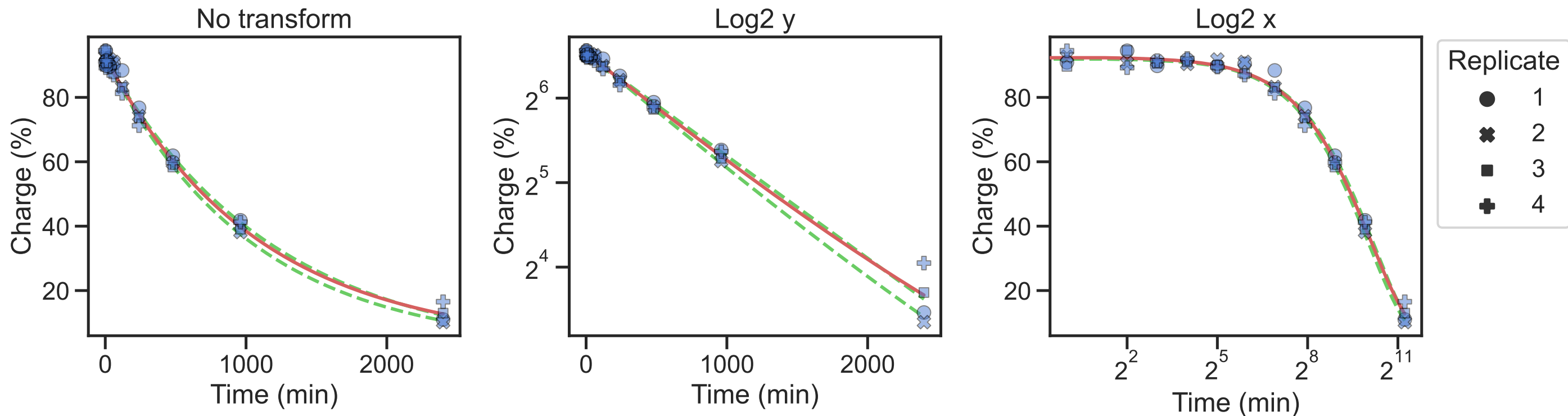
Ser-TGA-4-1 half-life=676min, 95% CI (592; 755)



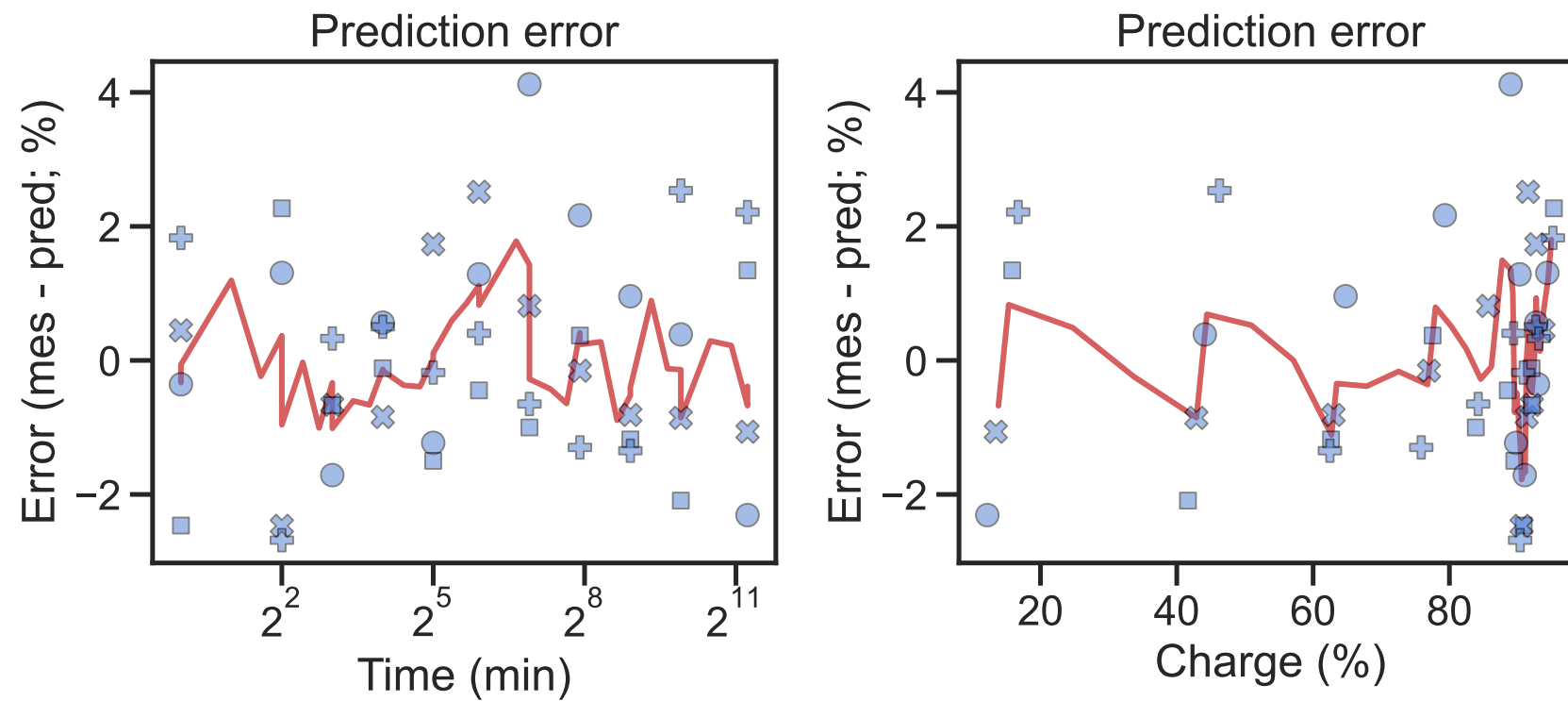
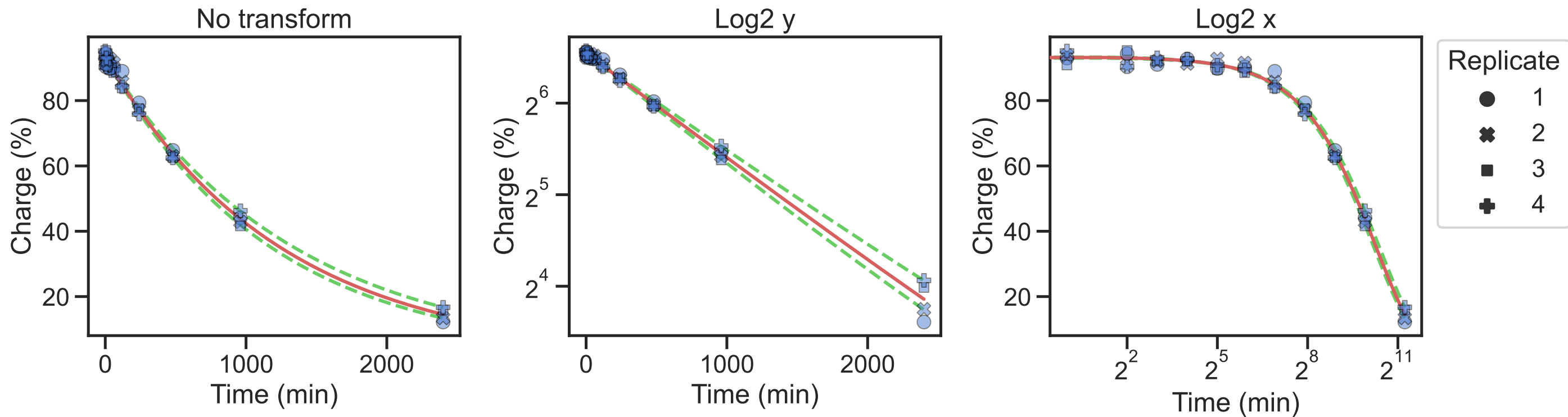
Thr-AGT-1-1 half-life=878 min, 95% CI (786; 925)



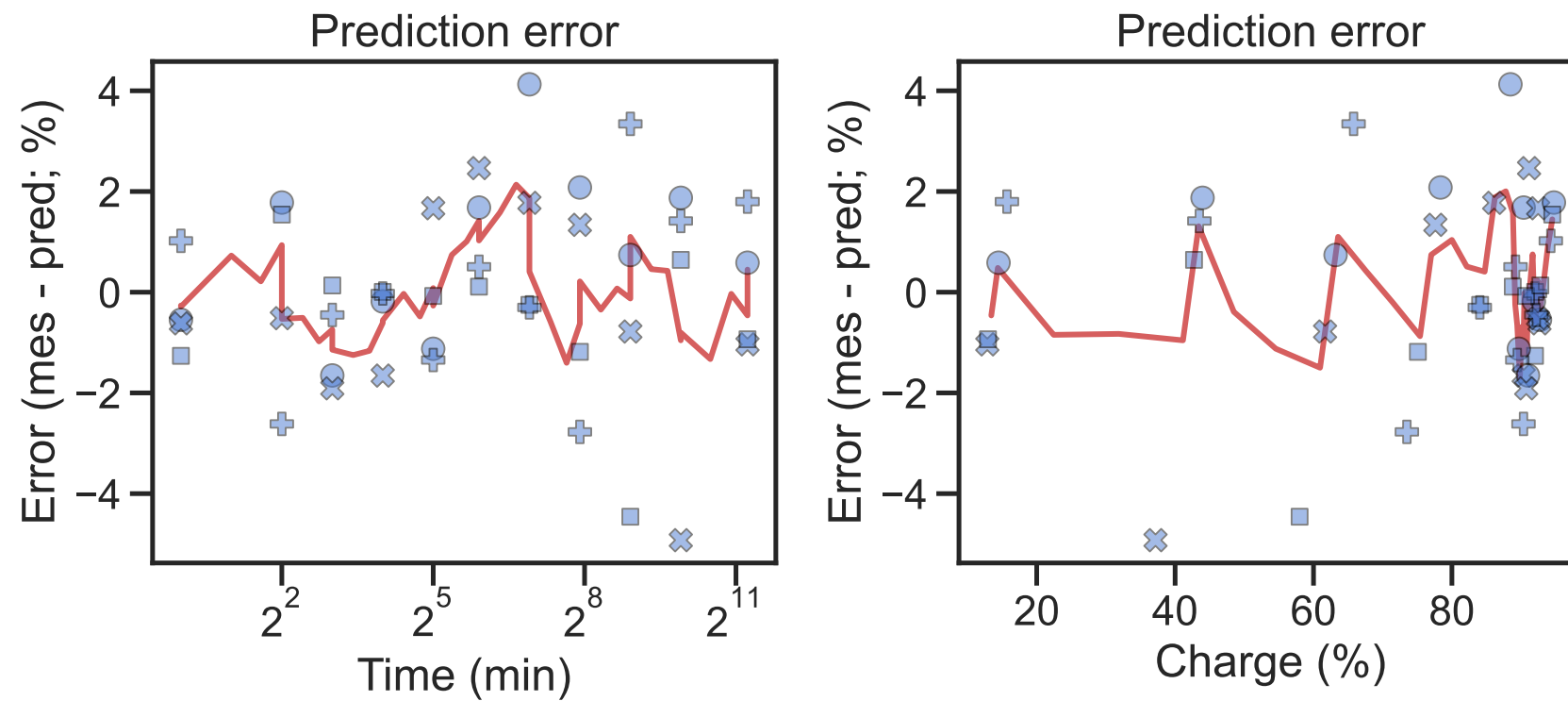
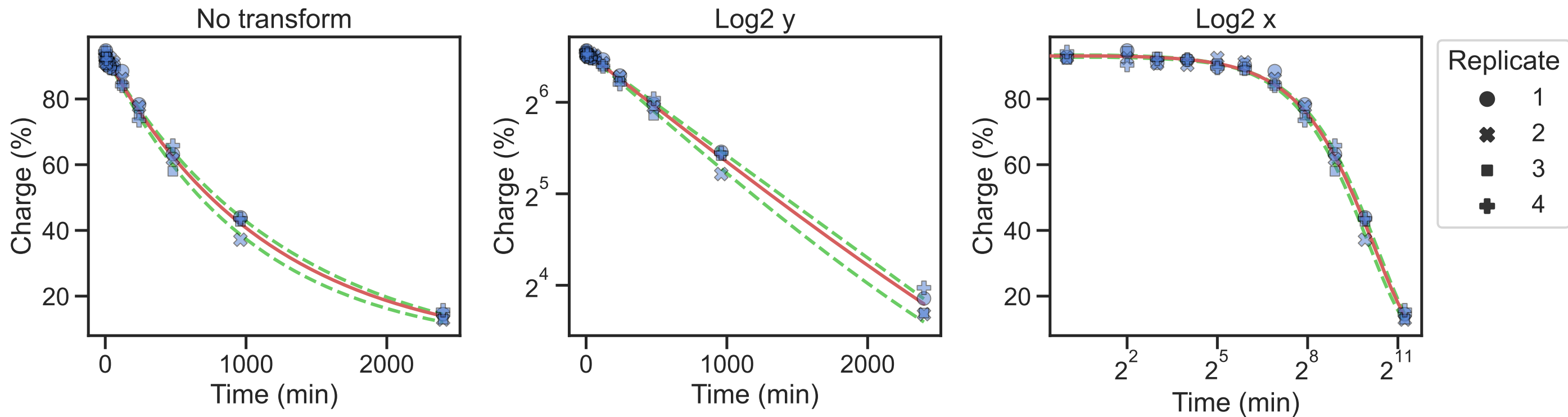
Thr-AGT-2-1 half-life=747 min, 95% CI (713; 827)



Thr-AGT-3-1 half-life=861 min, 95% CI (805; 923)

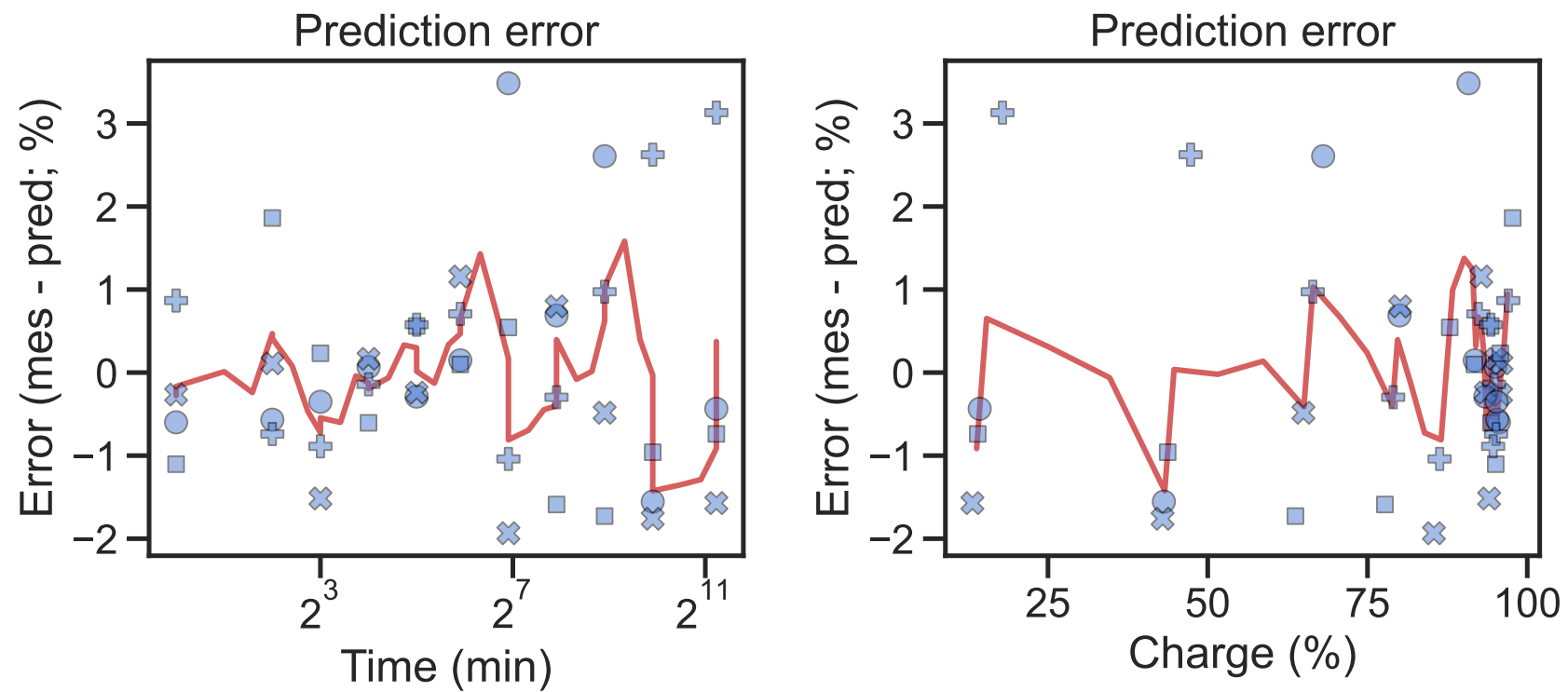
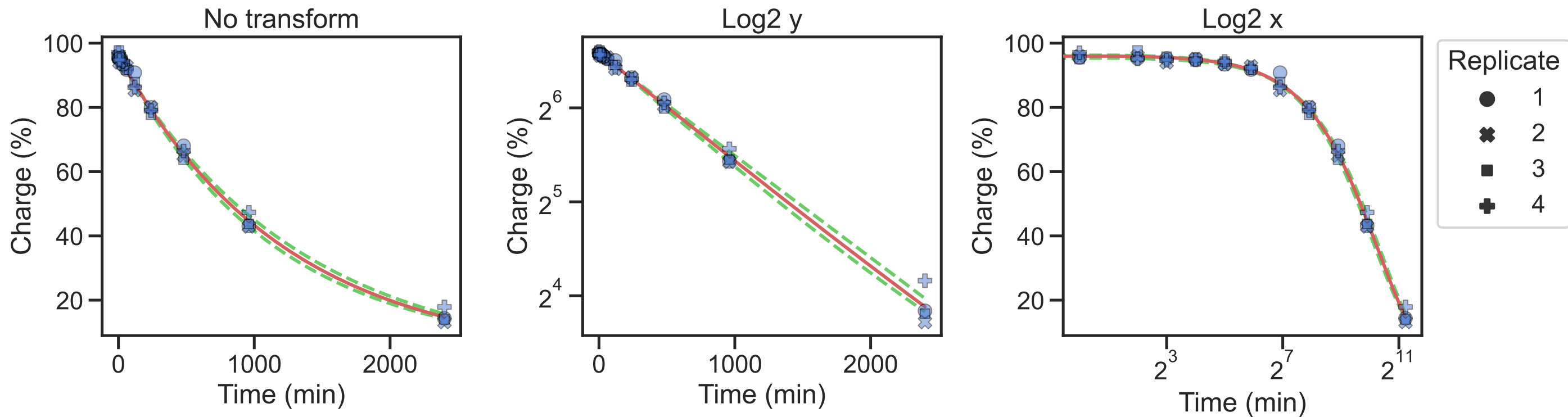


Thr-AGT-4-1 half-life=802 min, 95% CI (709; 894)

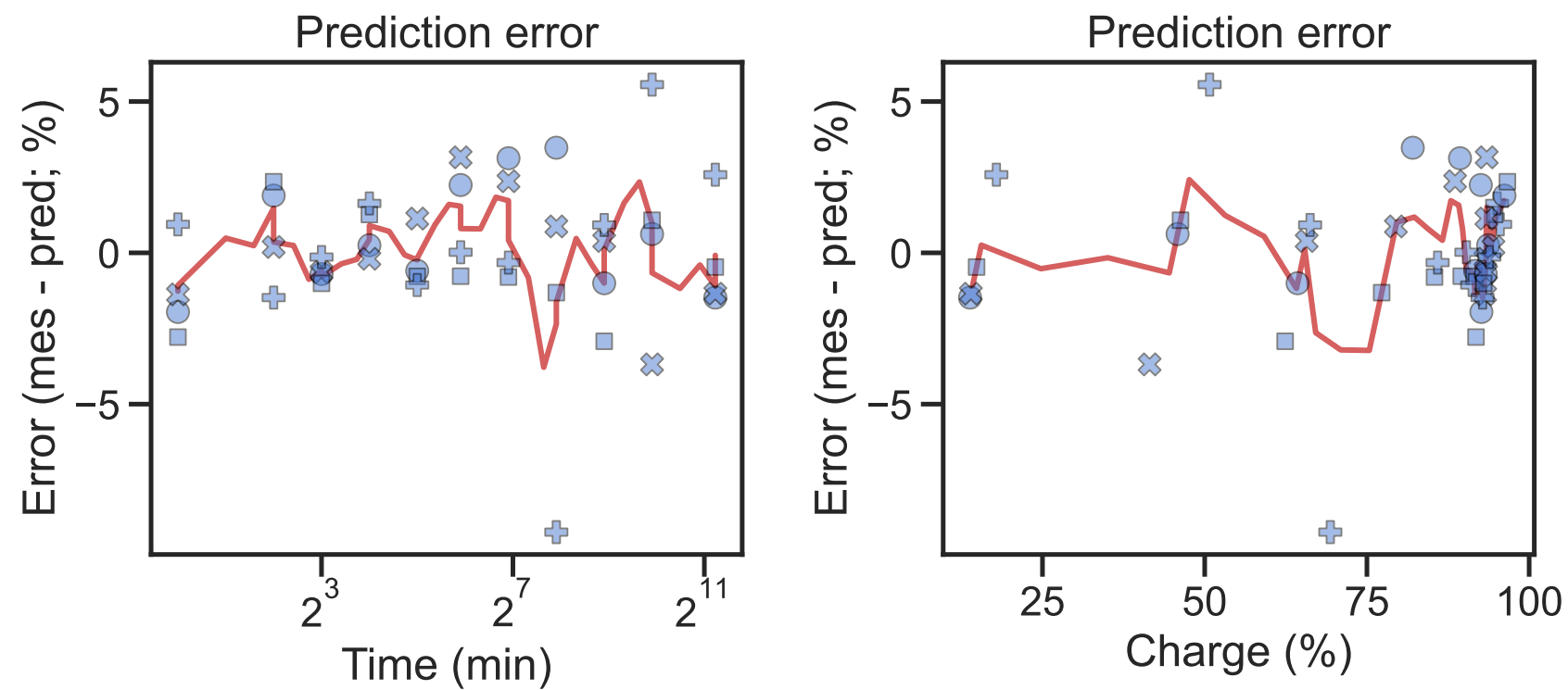
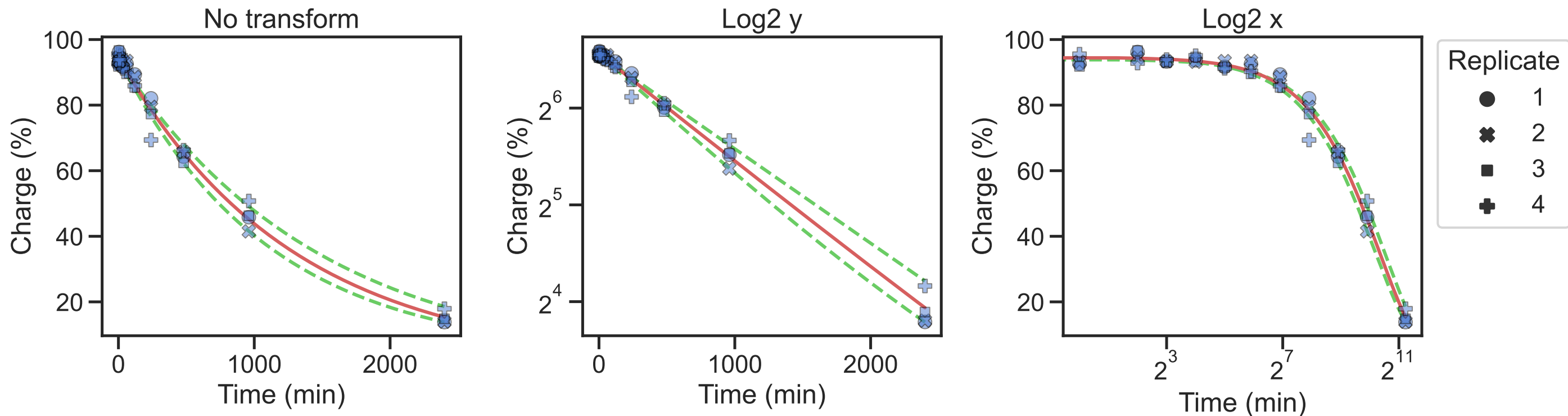




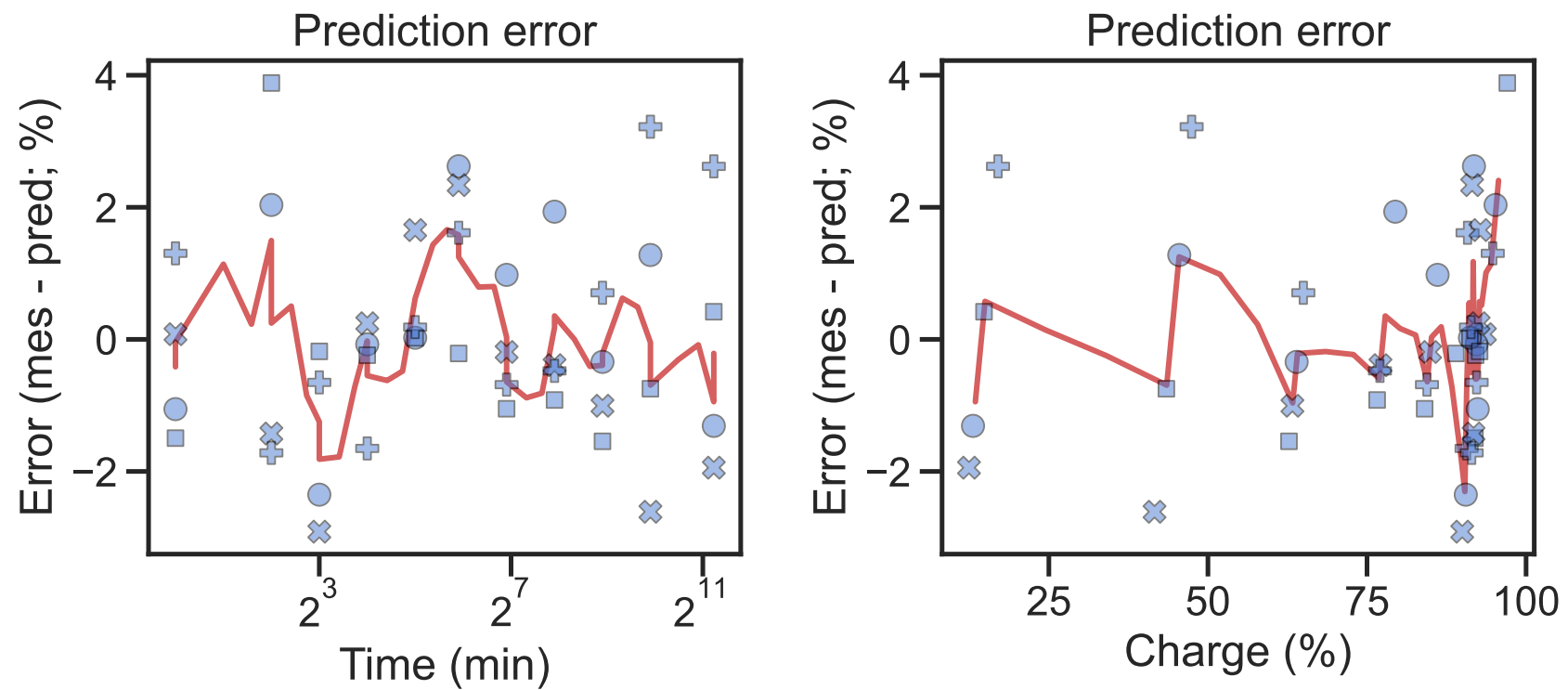
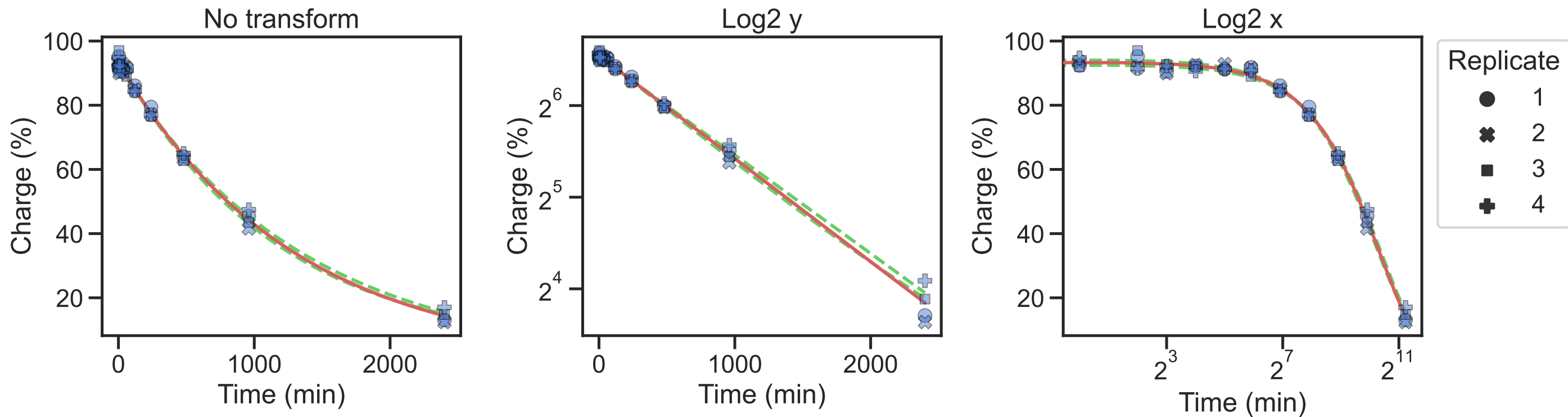
Thr-AGT-5-1 half-life=850 min, 95% CI (780; 921)



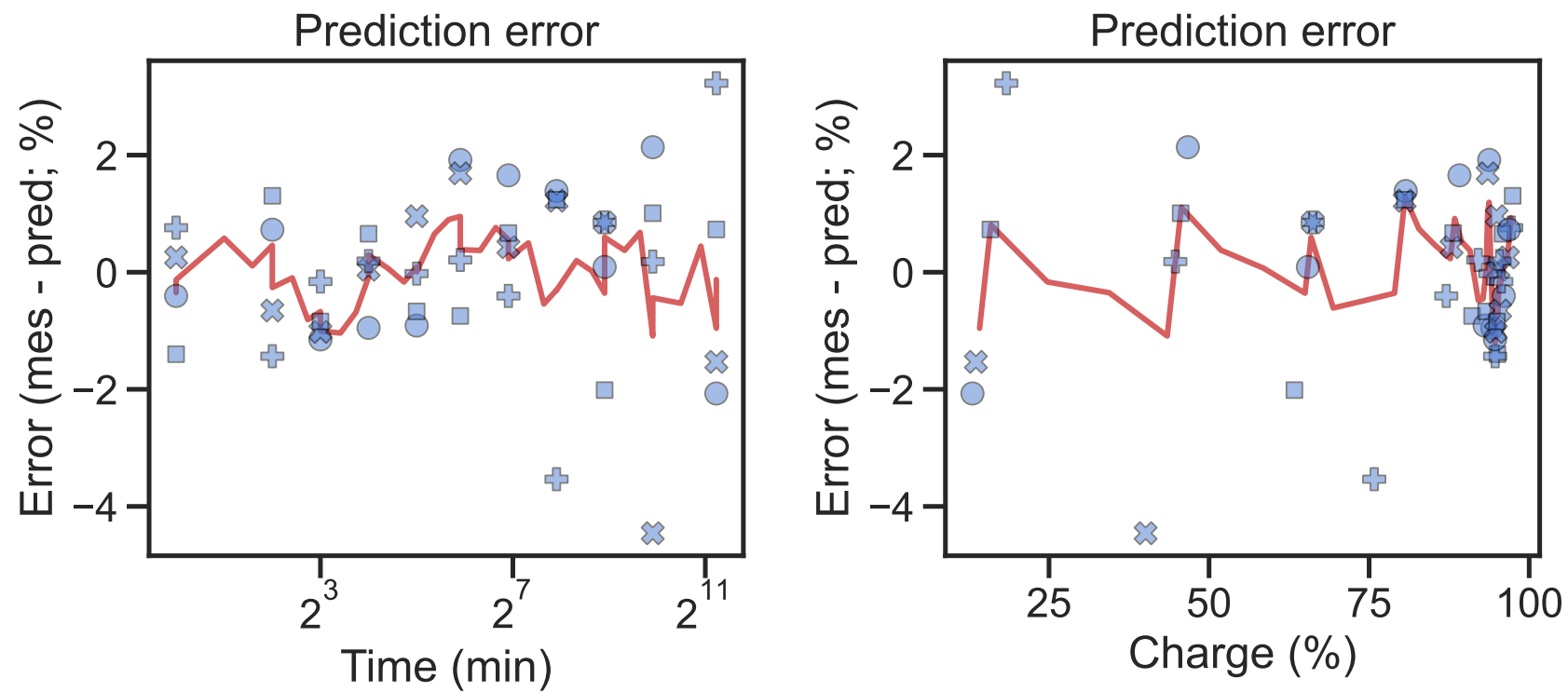
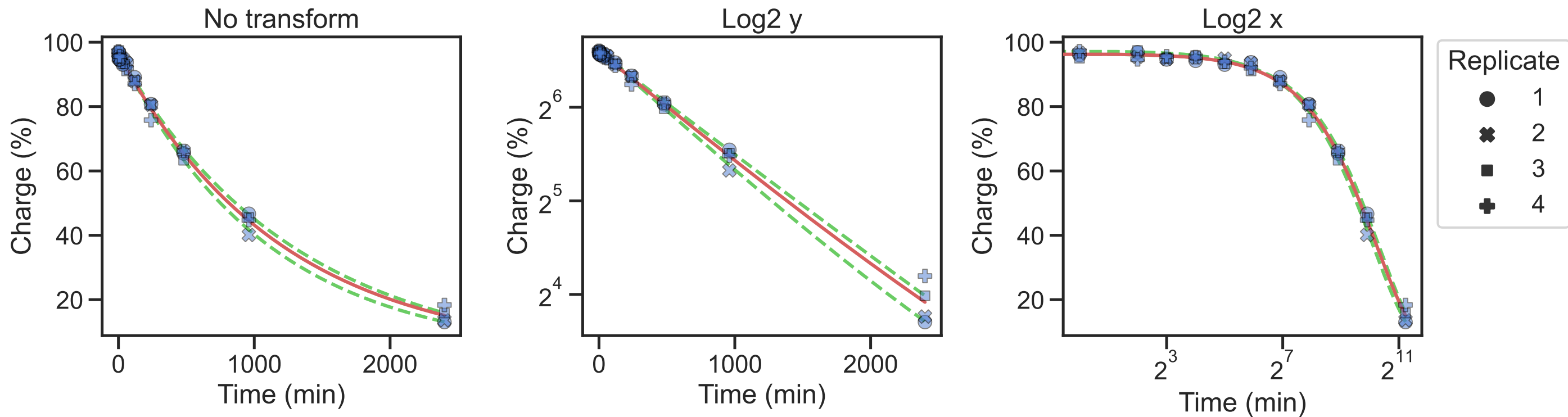
Thr-AGT-6-1 half-life=888 min, 95% CI (765; 1026)



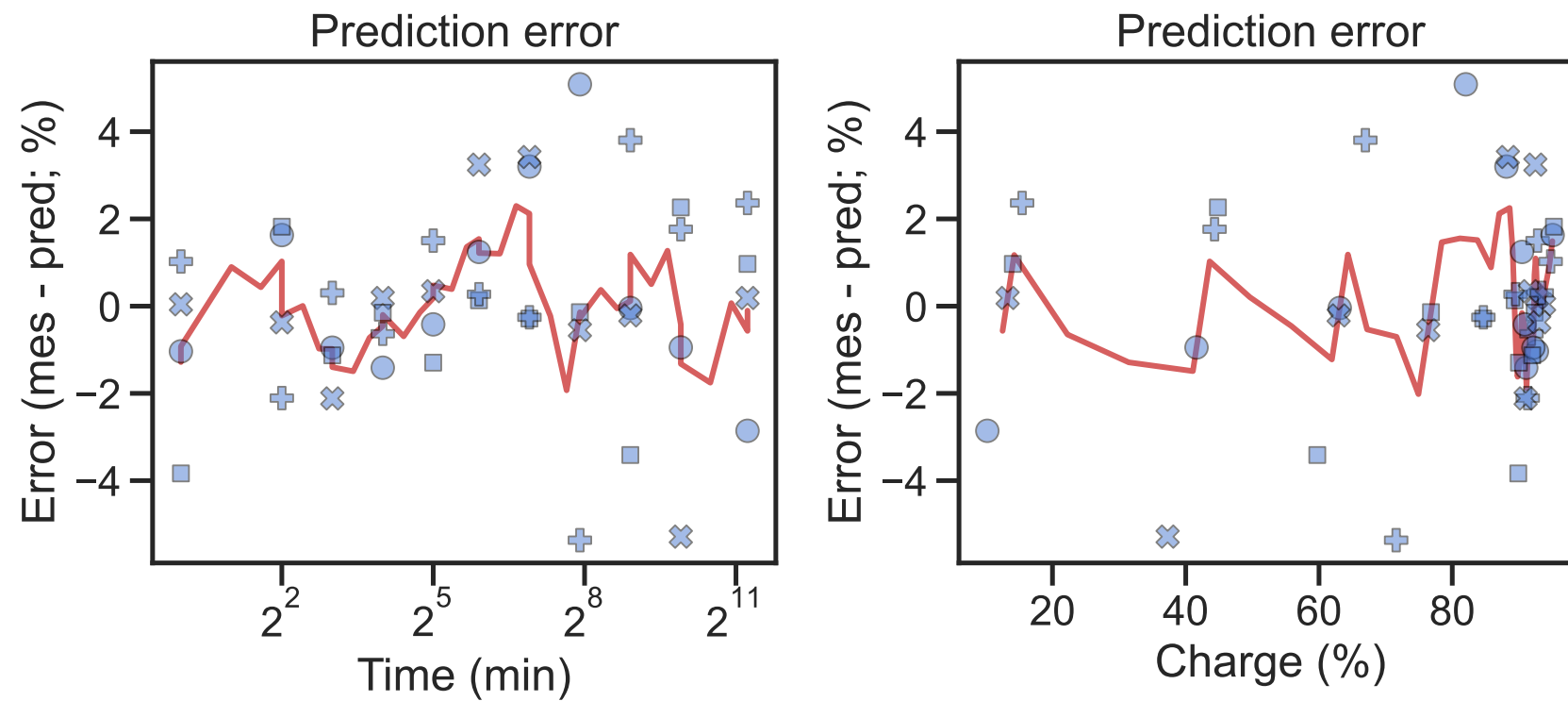
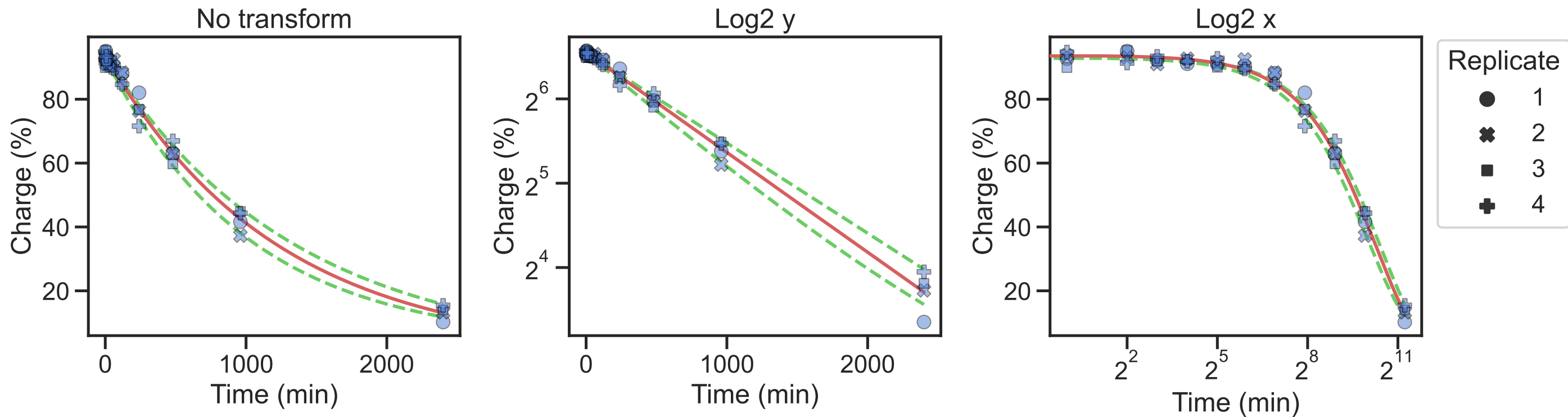
Thr-CGT-1-1 half-life=889min, 95% CI (804; 931)



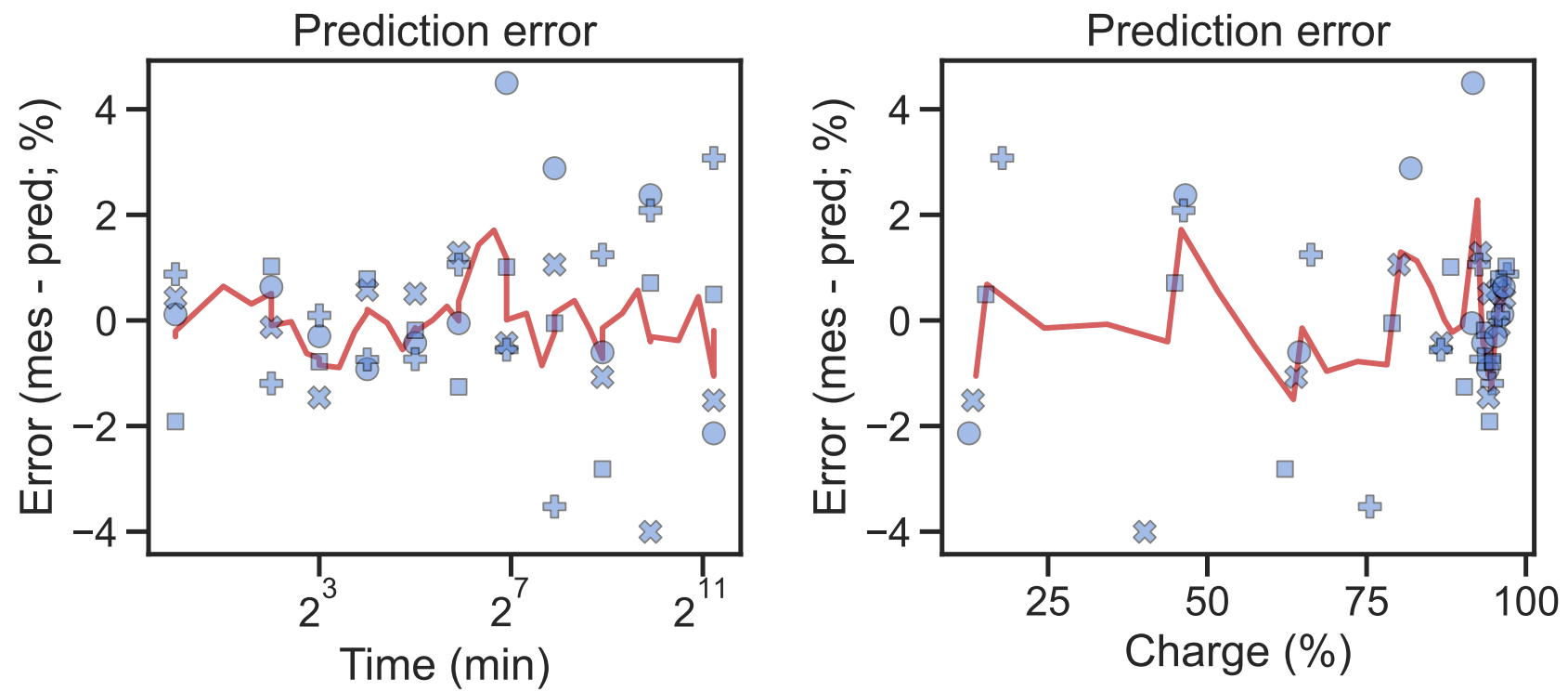
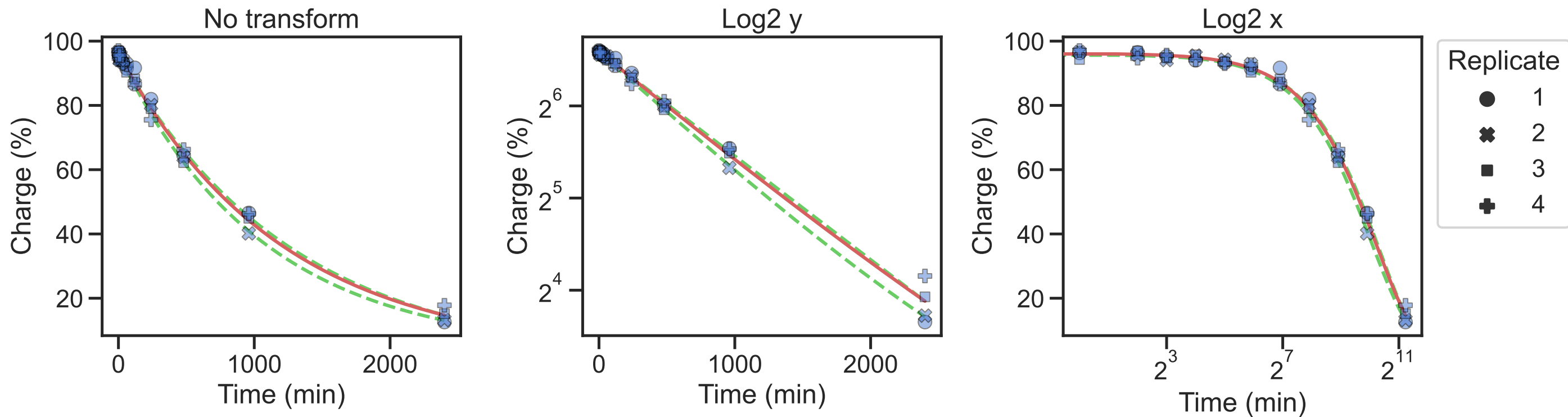
Thr-CGT-2-1 half-life=827 min, 95% CI (749; 902)



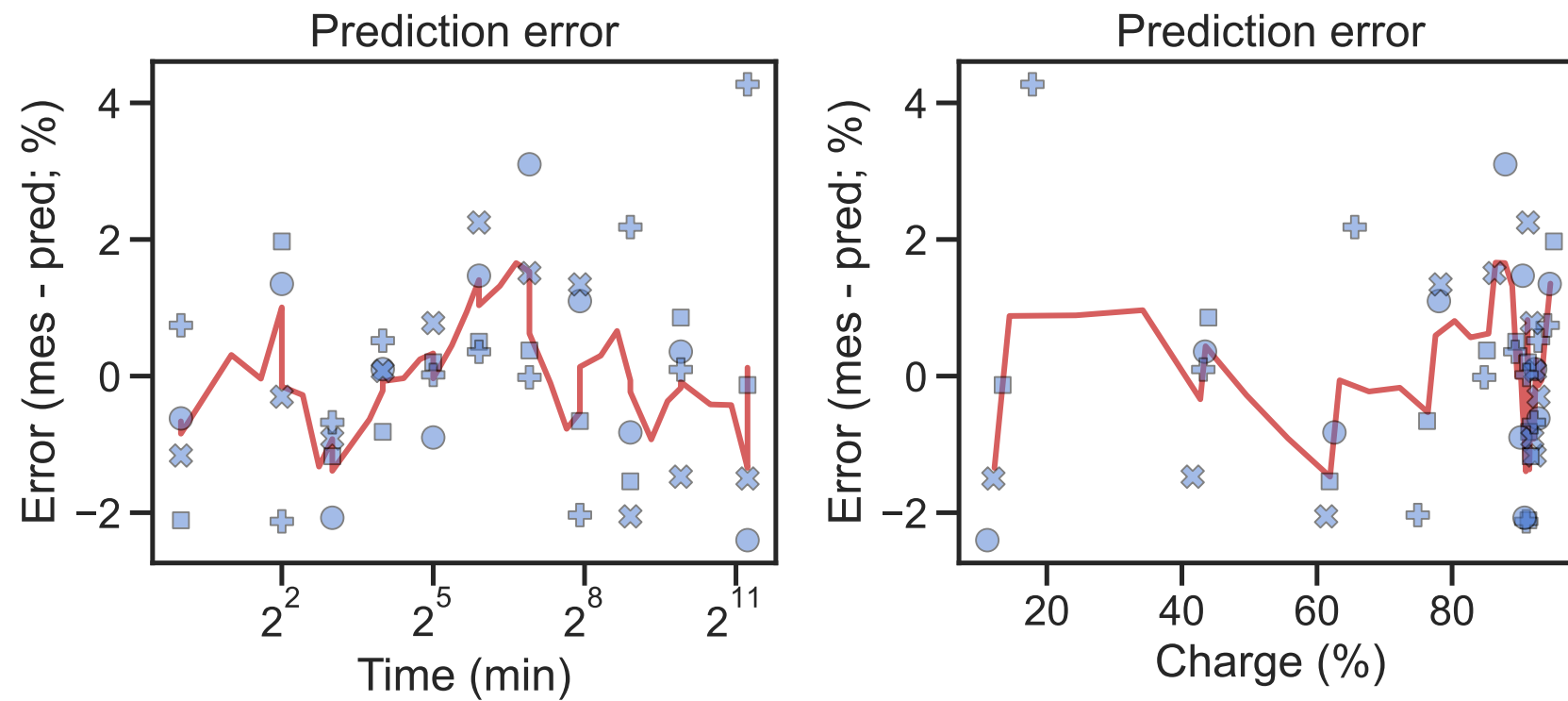
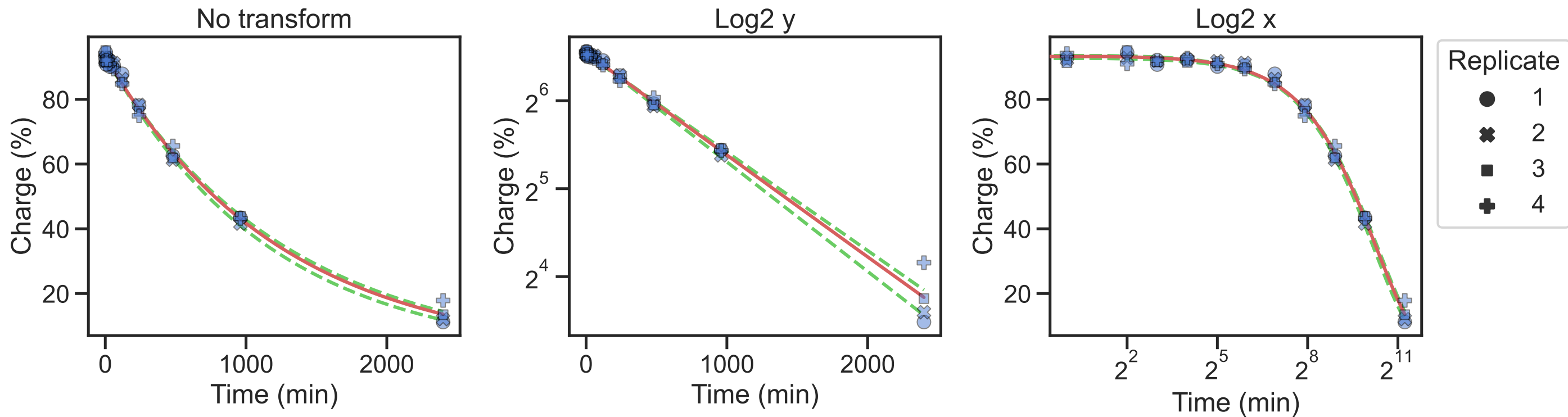
Thr-CGT-3-1 half-life=841 min, 95% CI (700; 935)



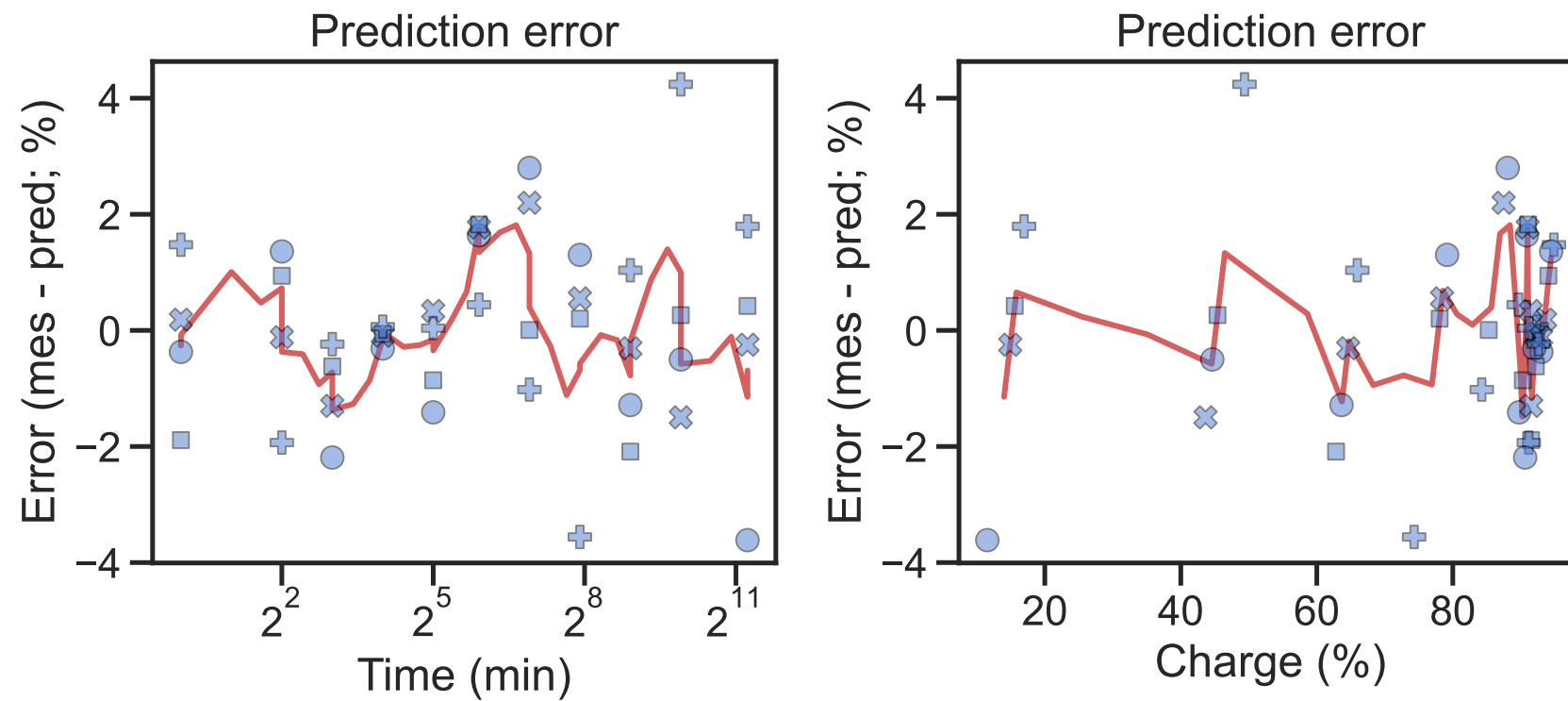
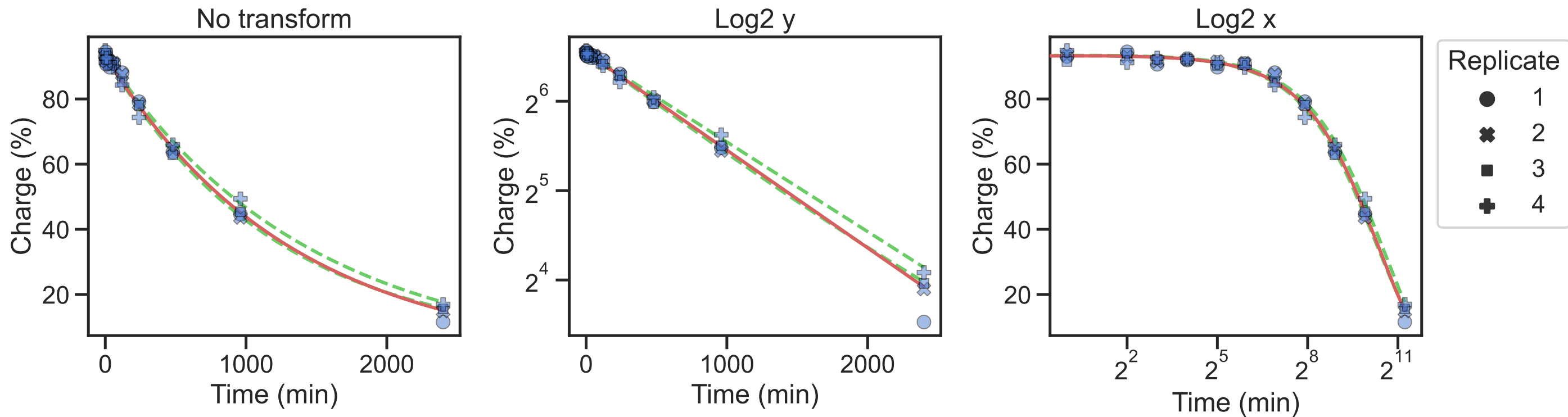
Thr-CGT-4-1 half-life=825min, 95% CI (734; 889)



Thr-TGT-1-1 half-life=856 min, 95% CI (803; 893)

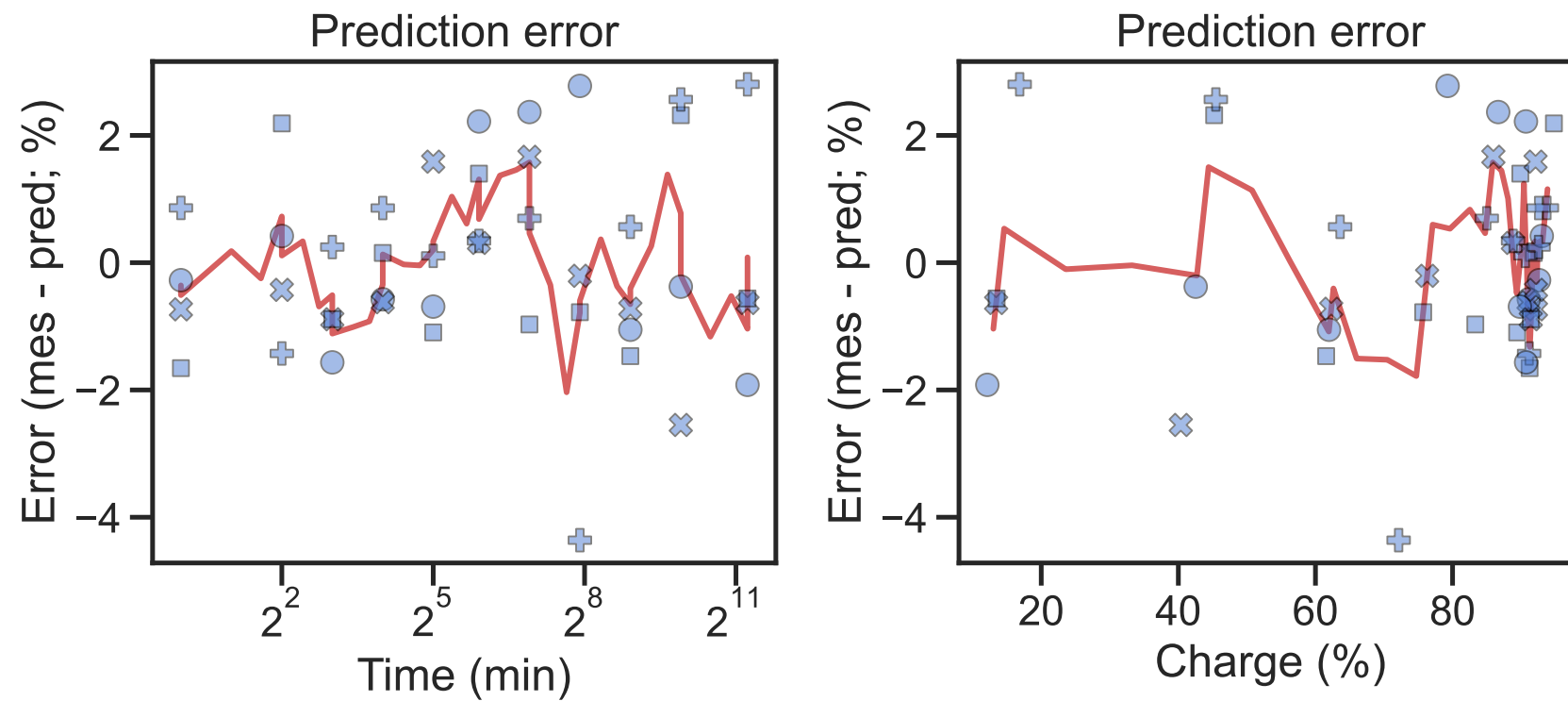
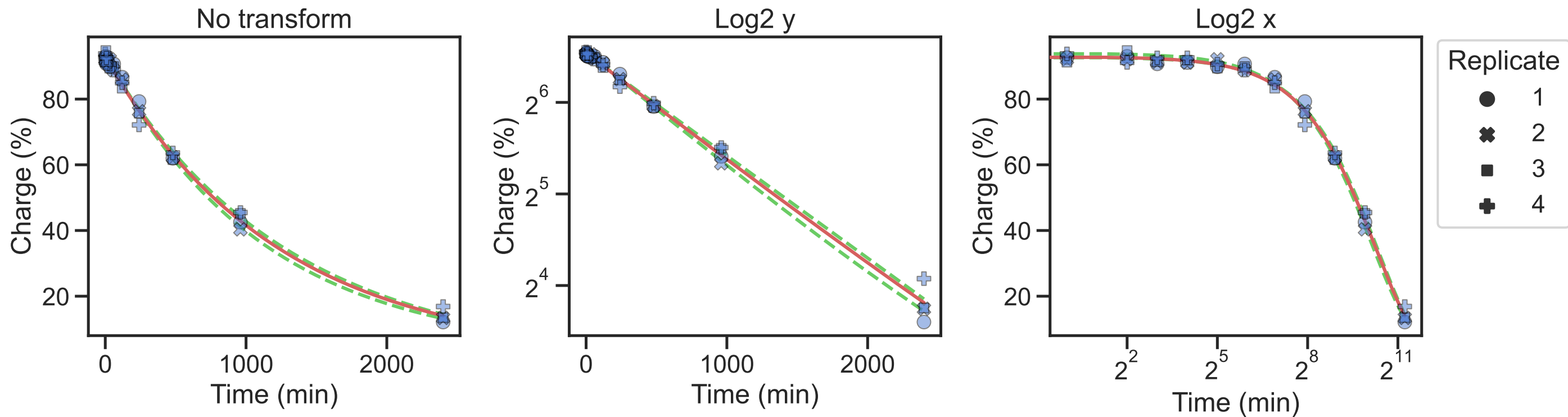


Thr-TGT-2-1 half-life=915 min, 95% CI (835; 997)

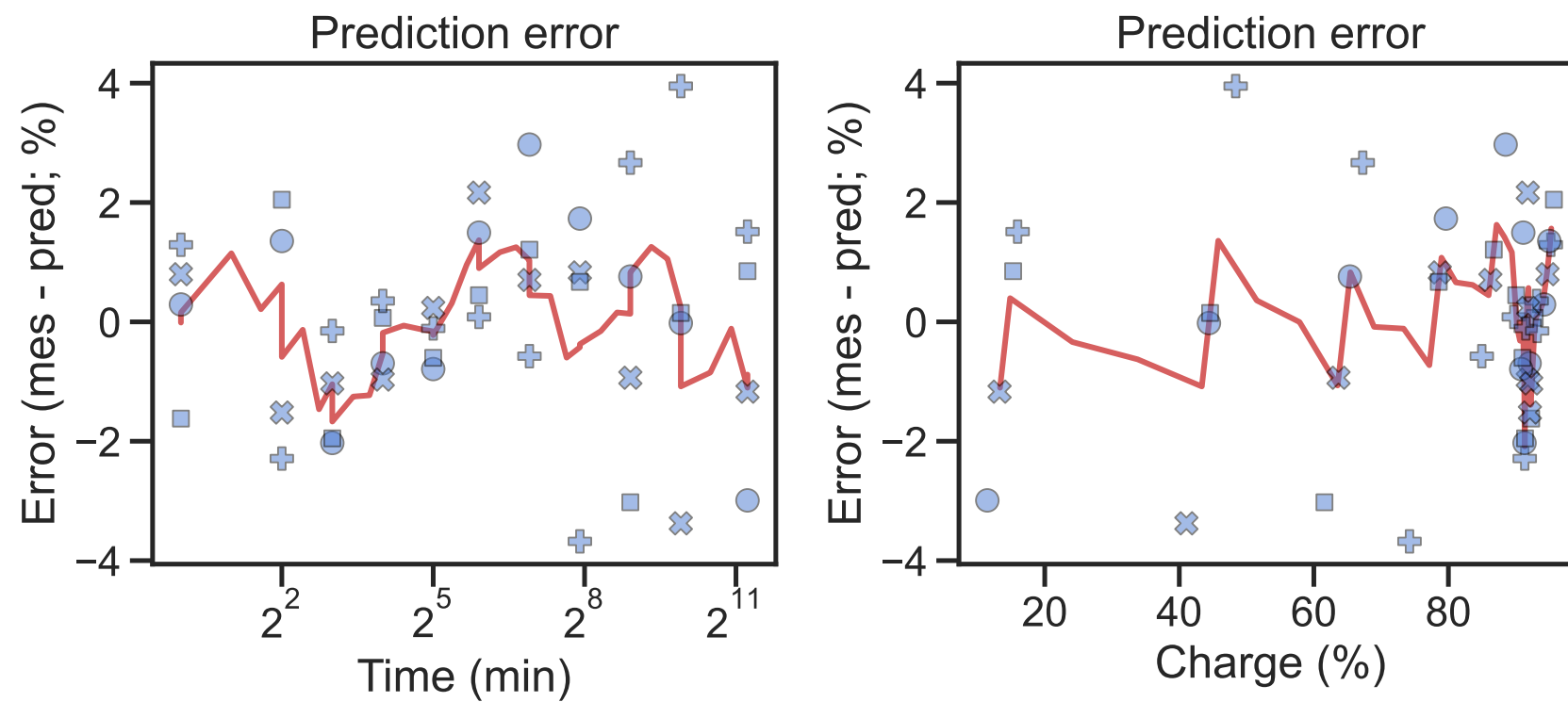
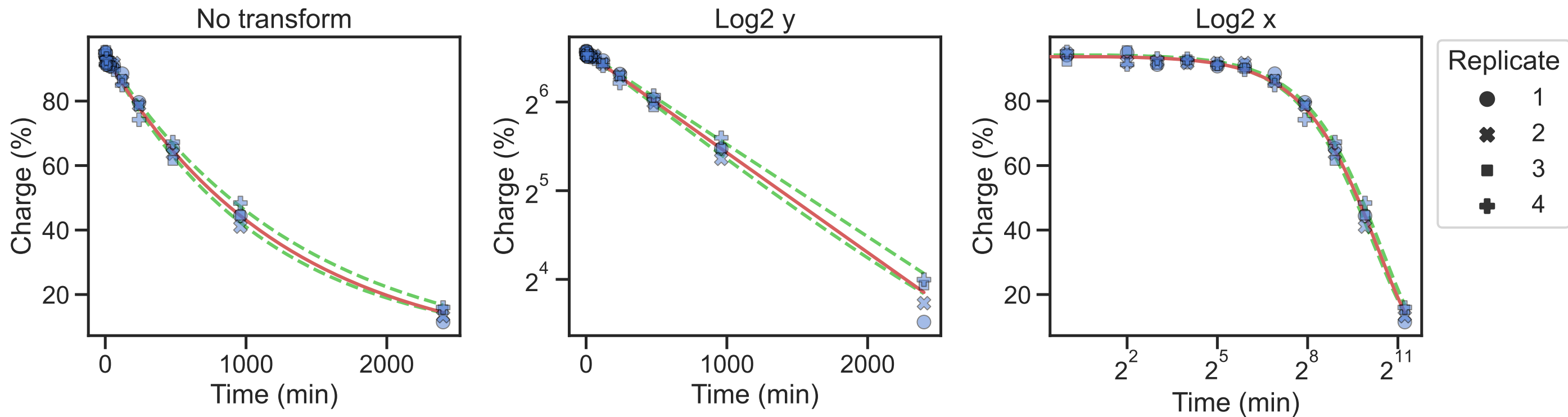




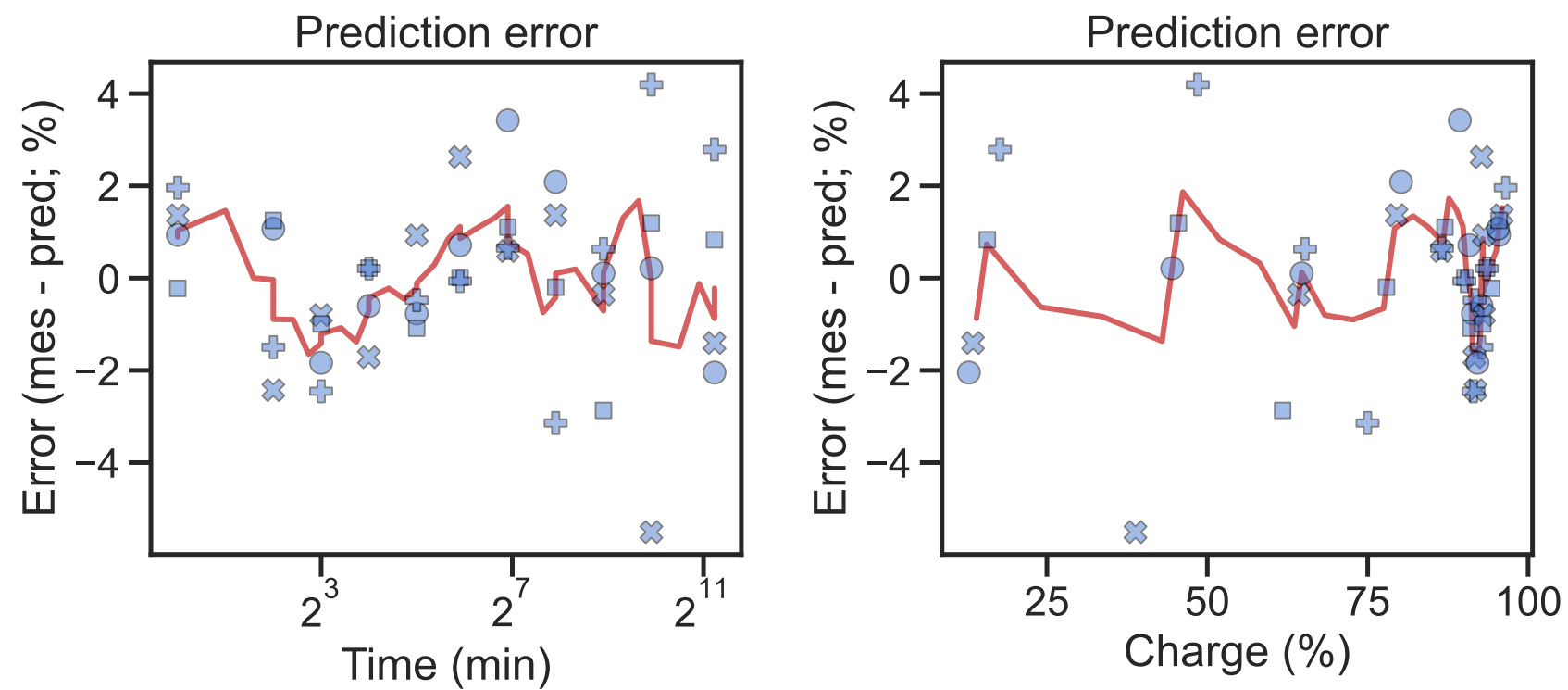
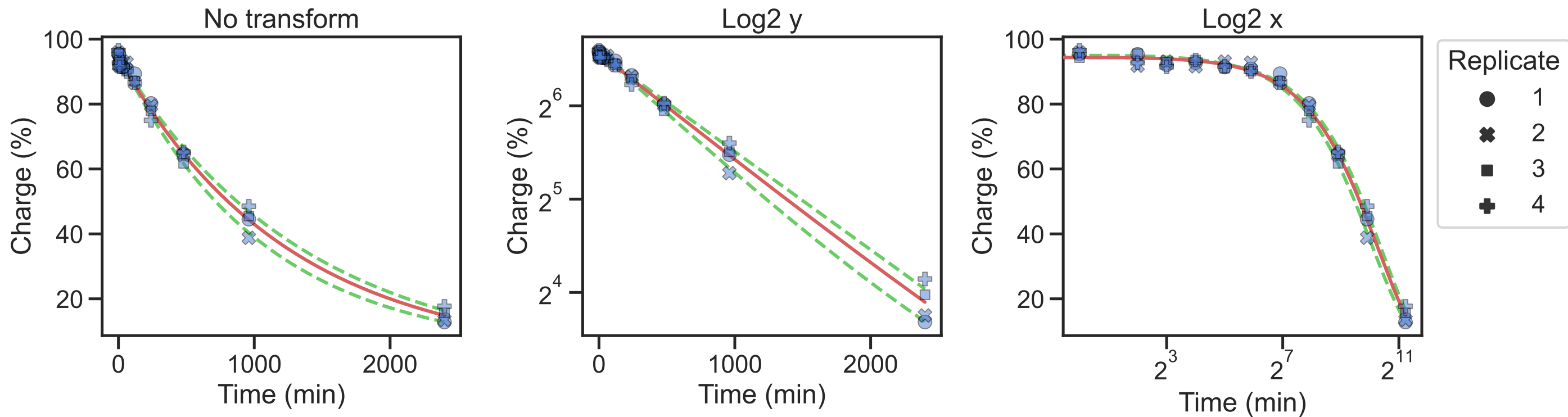
Thr-TGT-3-1 half-life=843 min, 95% CI (769; 895)



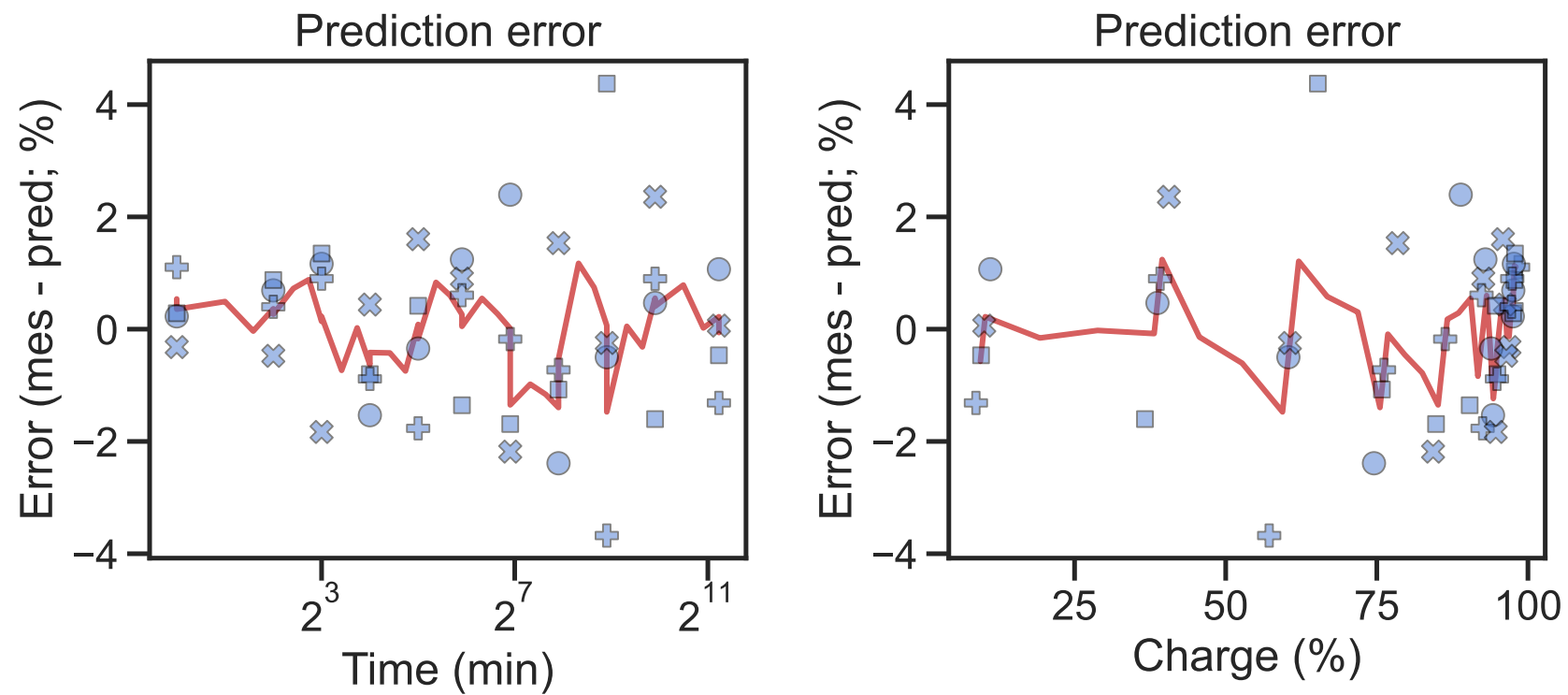
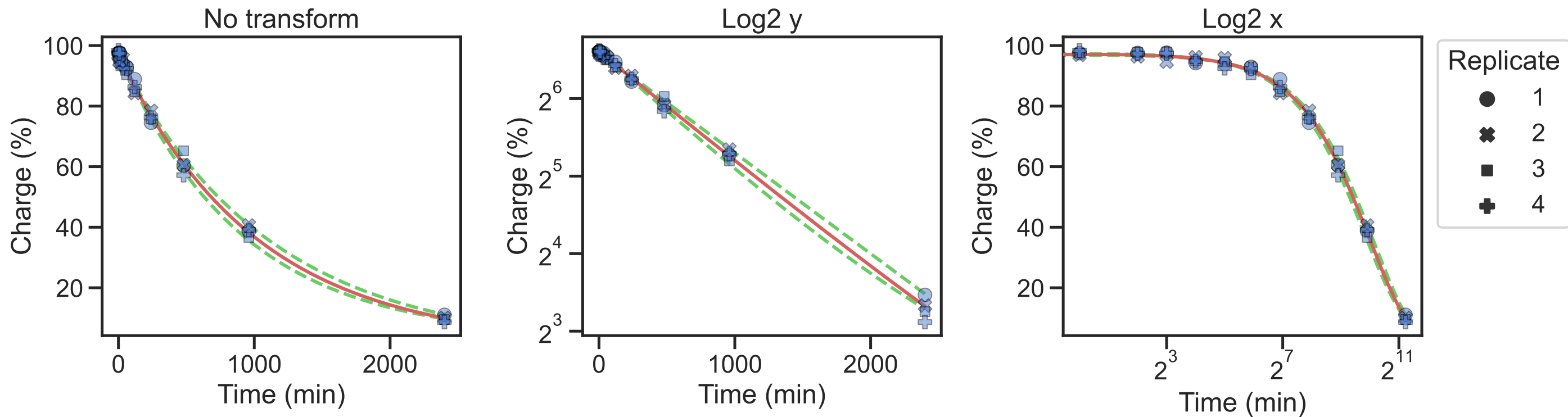
Thr-TGT-4-1 half-life=889 min, 95% CI (781; 962)



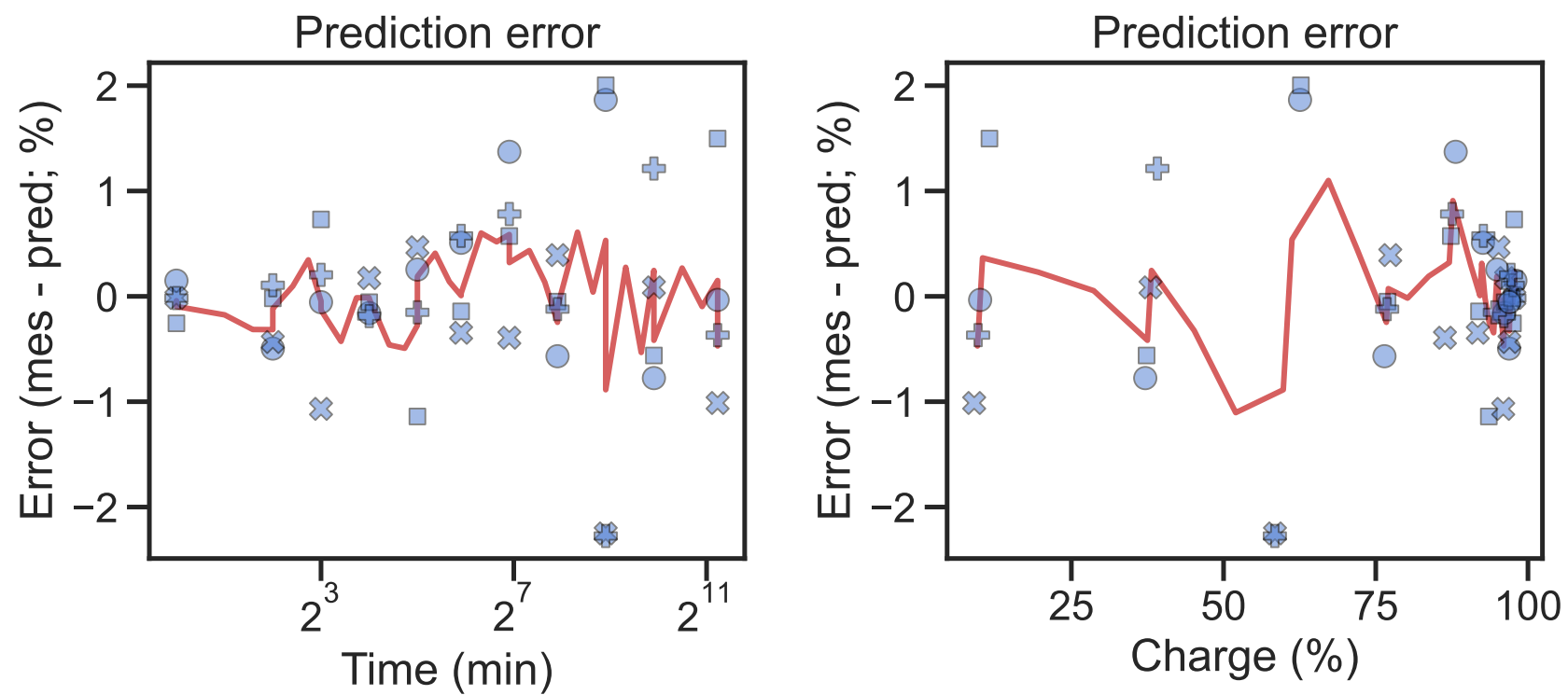
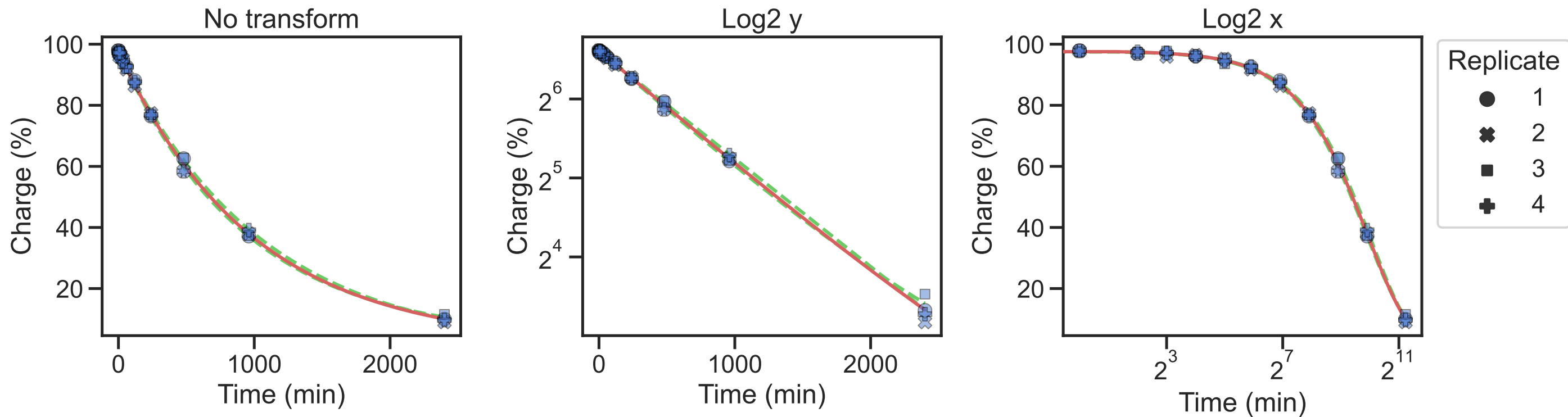
Thr-TGT-5-1 half-life=856 min, 95% CI (730; 950)



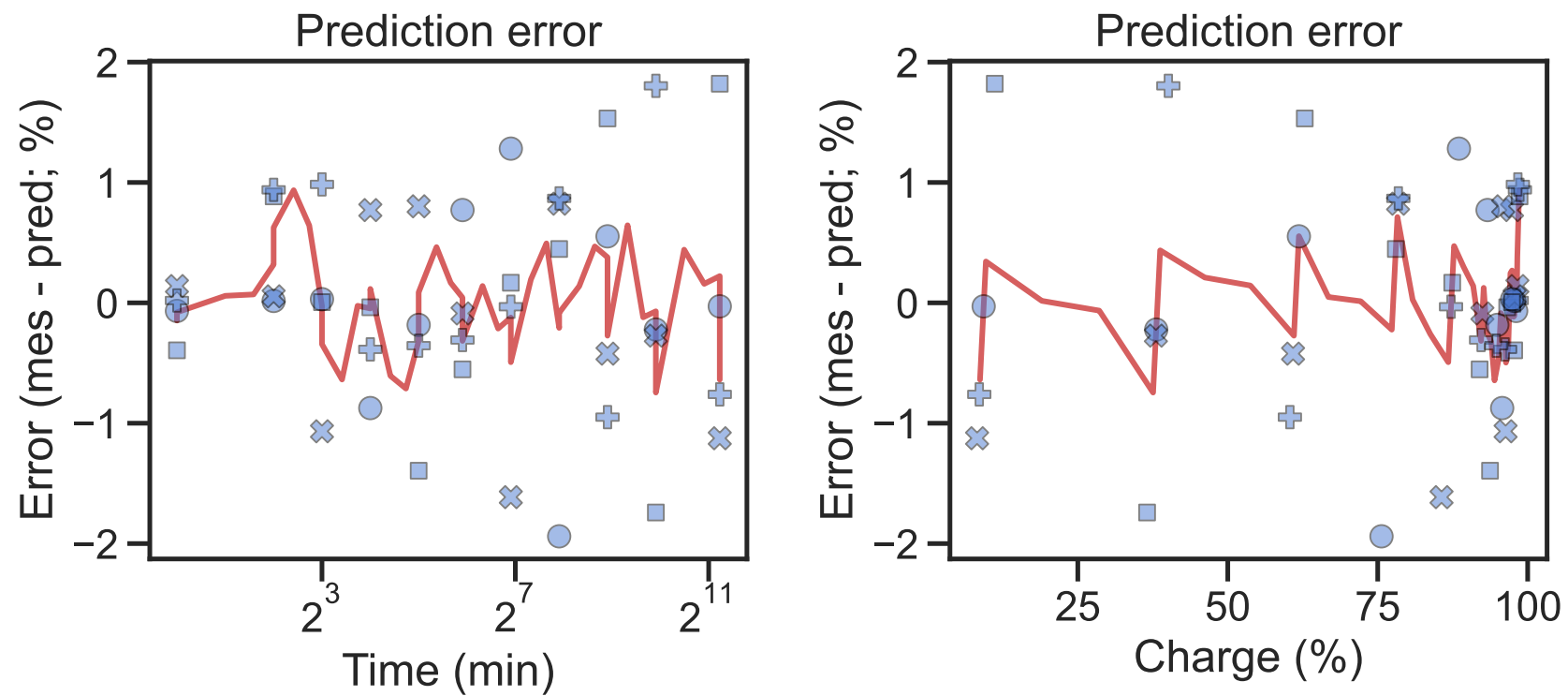
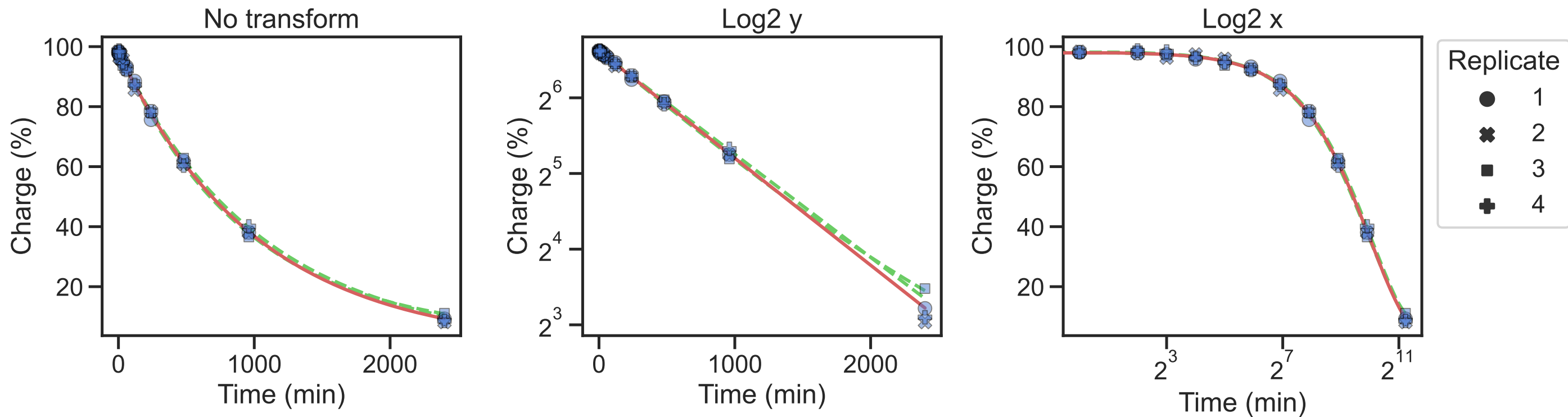
Trp-CCA-1-1 half-life=700min, 95% CI (624; 767)



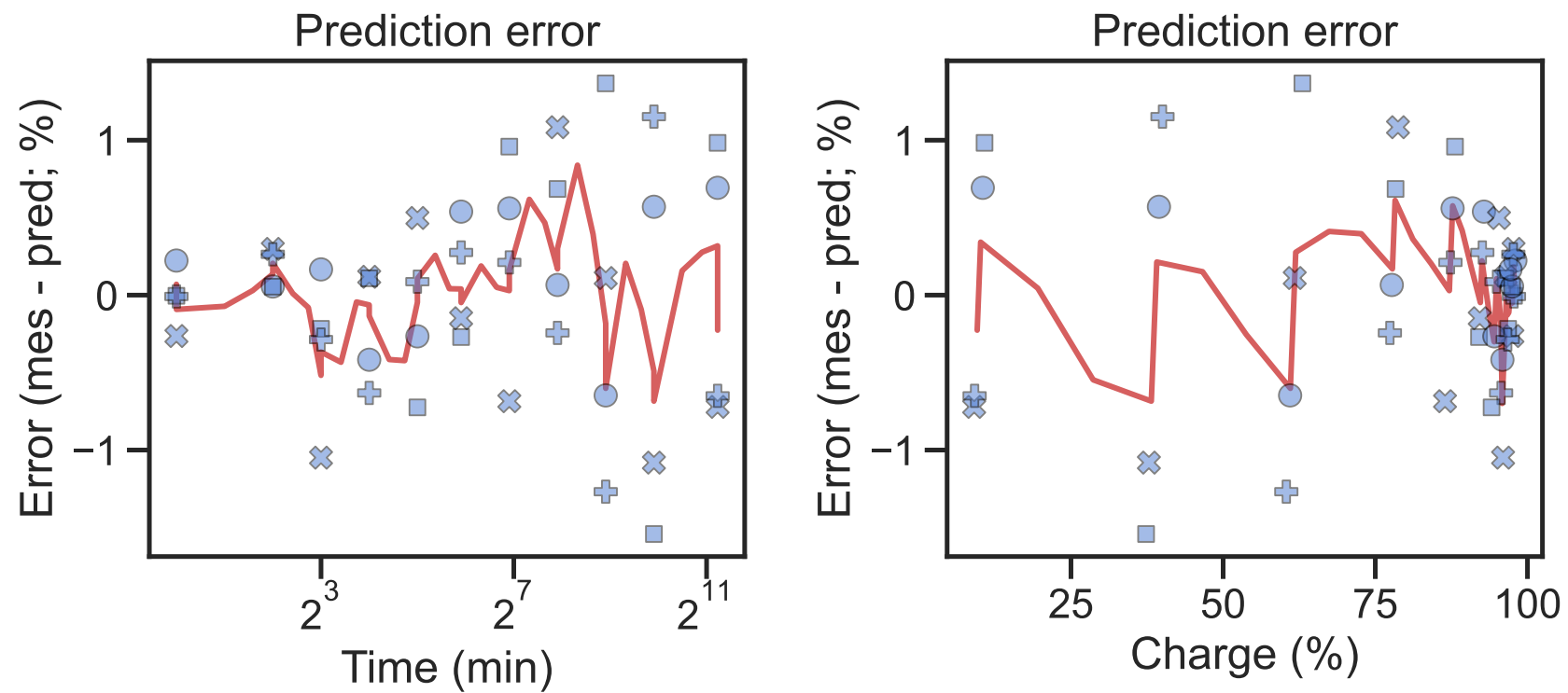
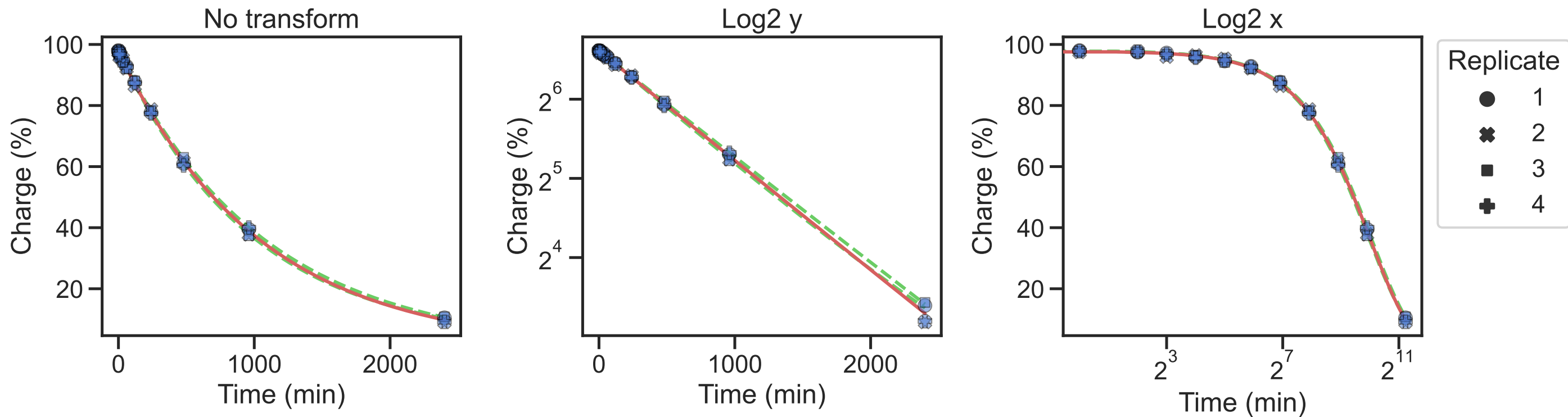
Trp-CCA-2-1 half-life=683min, 95% CI (645; 732)



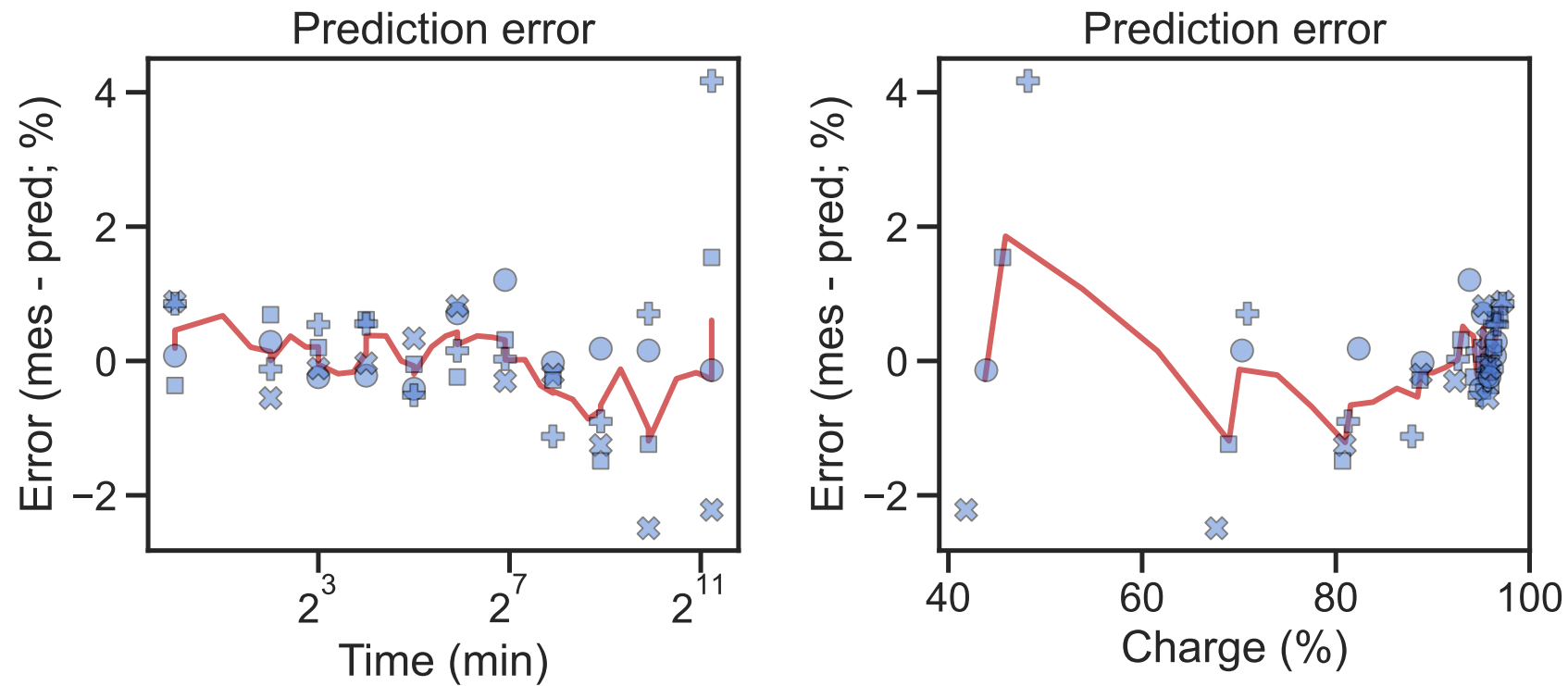
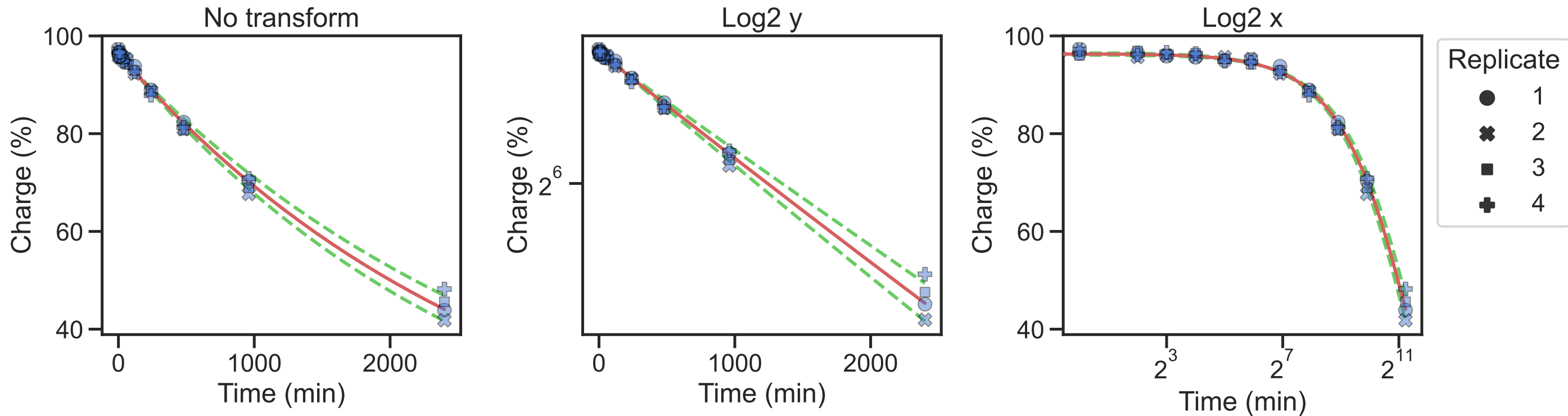
Trp-CCA-3-1 half-life=707 min, 95% CI (653; 734)



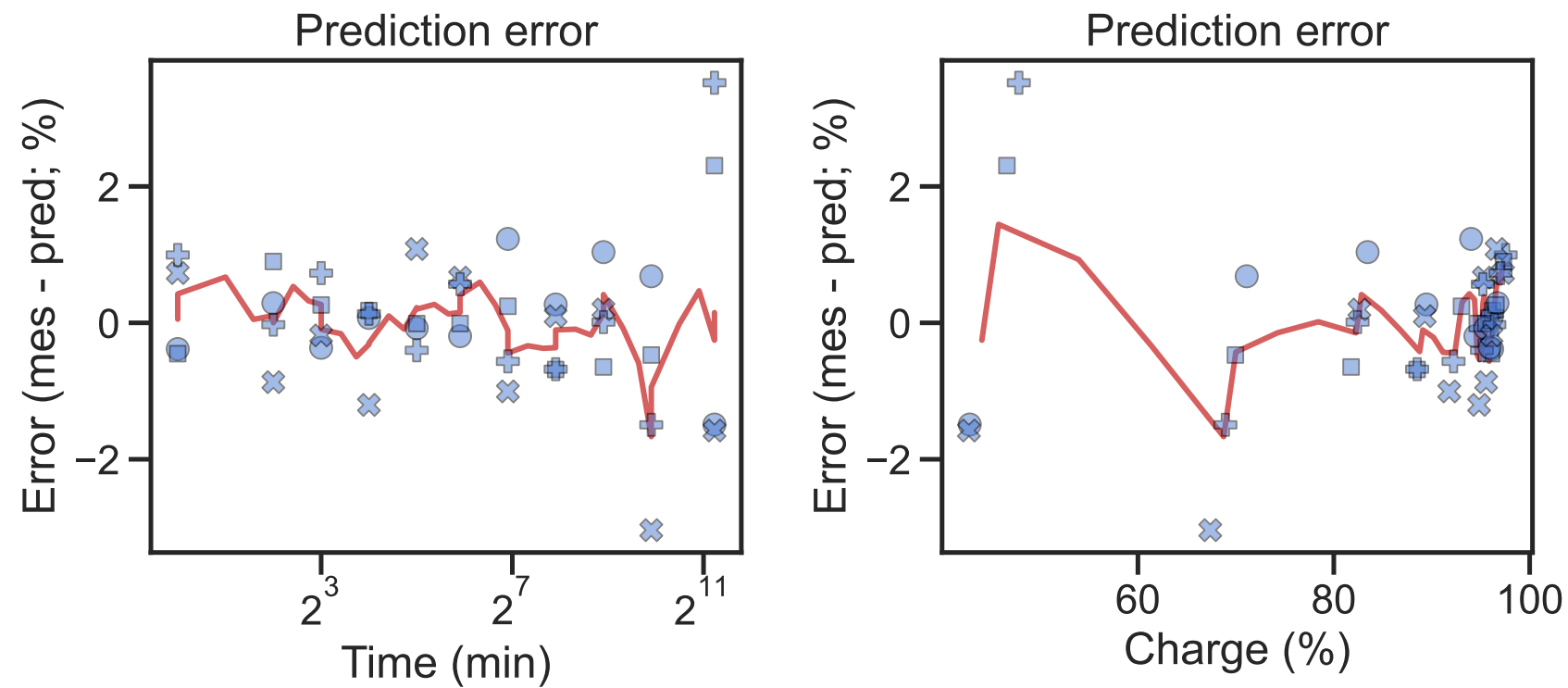
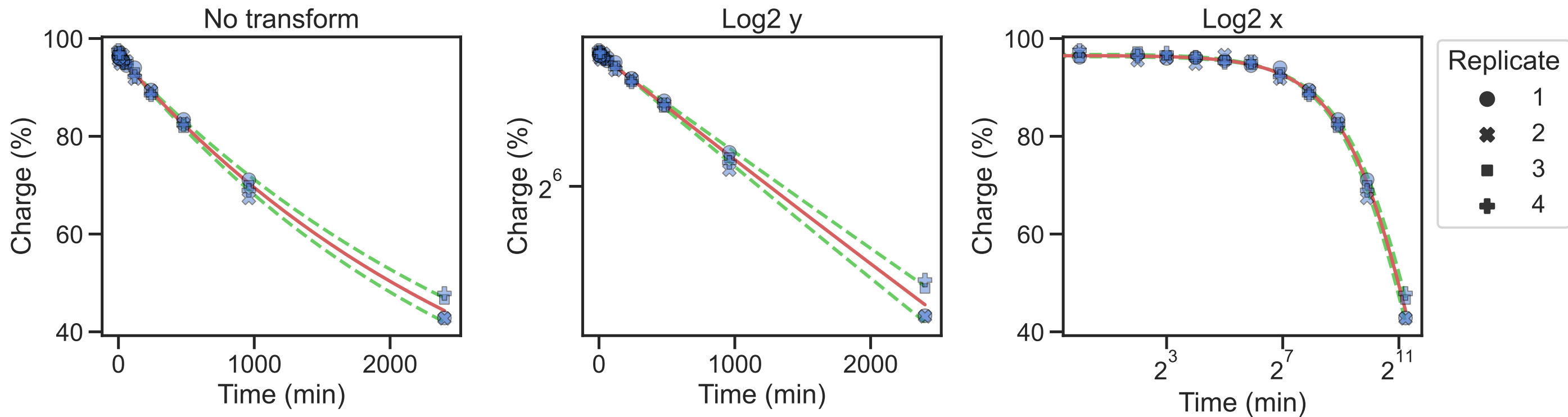
Trp-CCA-4-1 half-life=720min, 95% CI (677; 743)



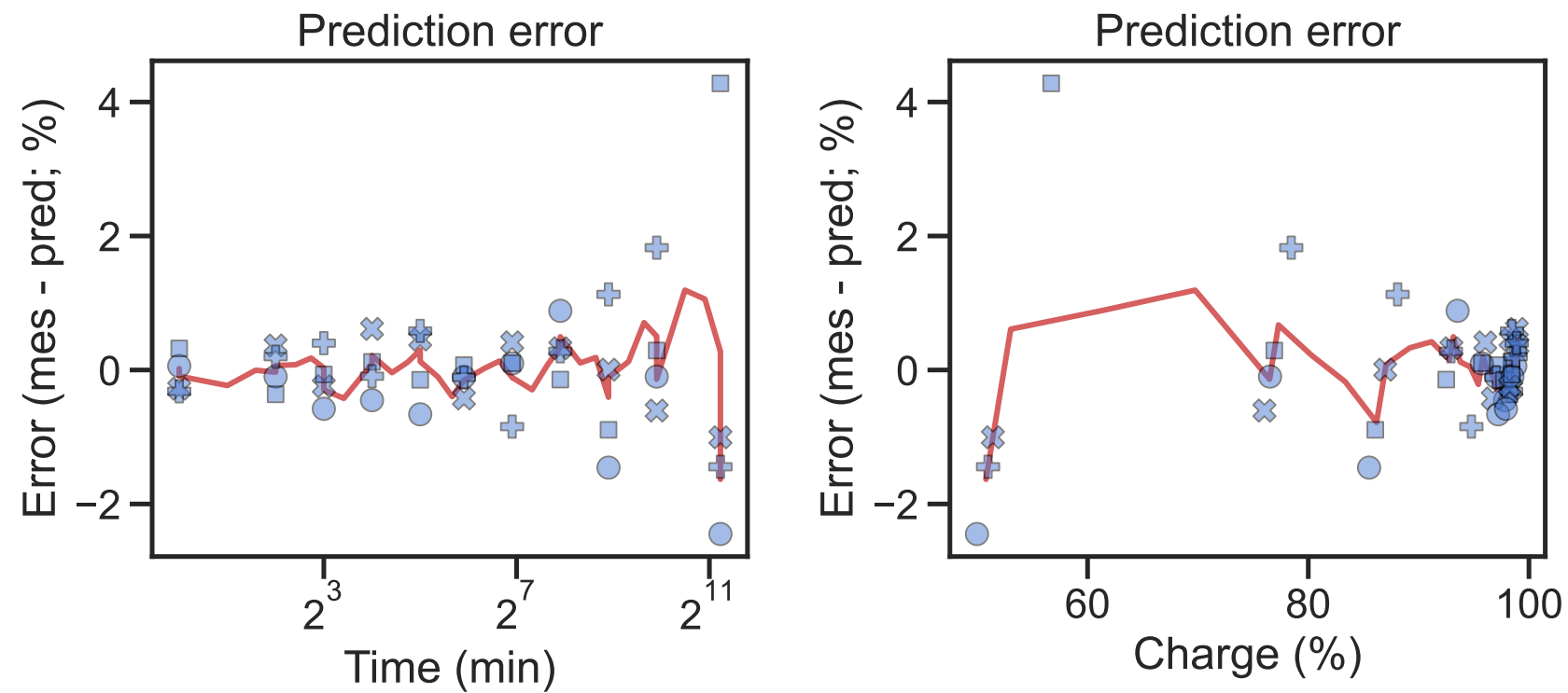
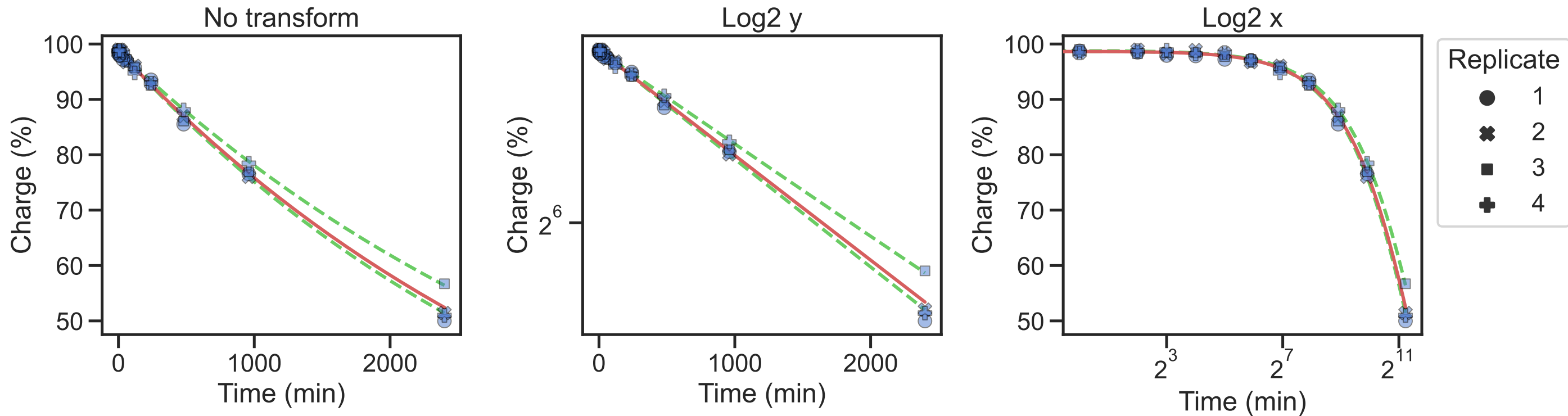
Val-AAC-1-1 half-life=2008 min, 95% CI (1866; 2192)



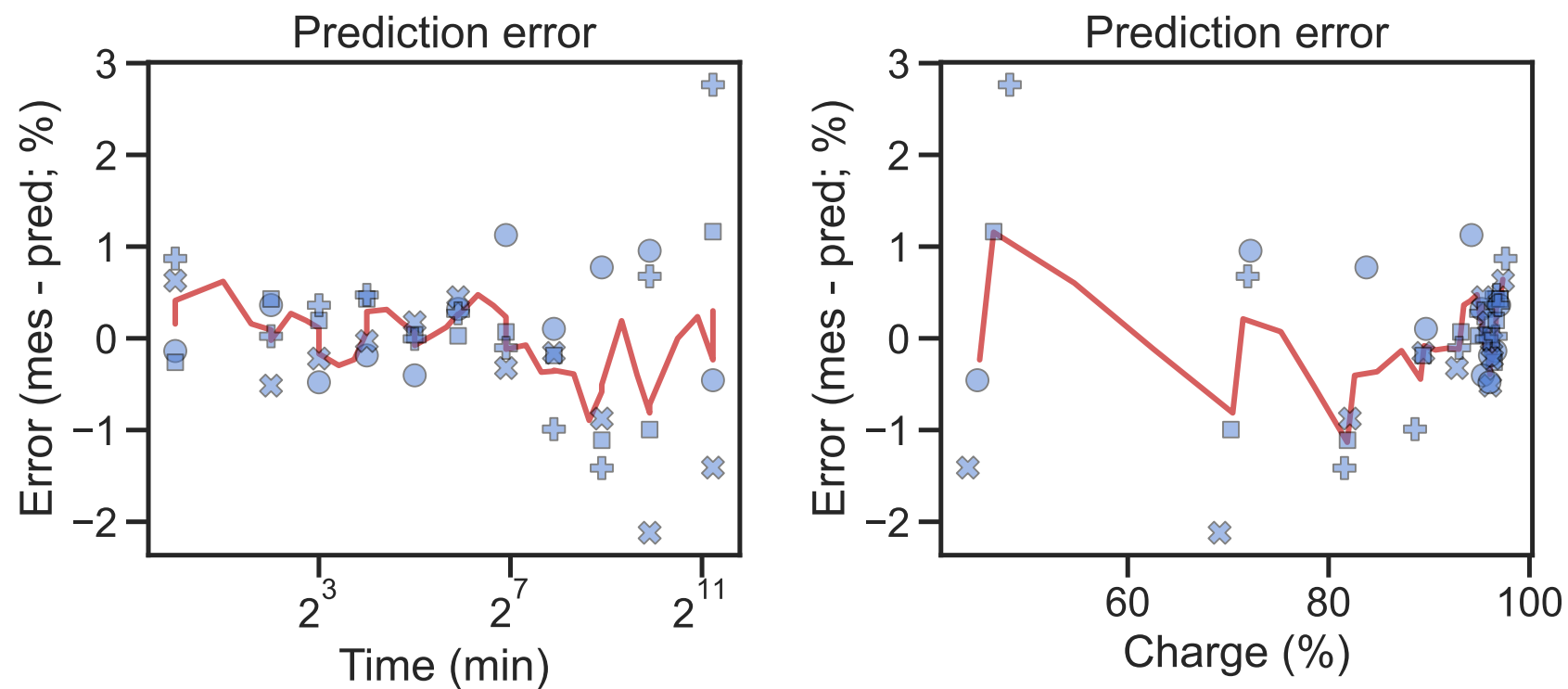
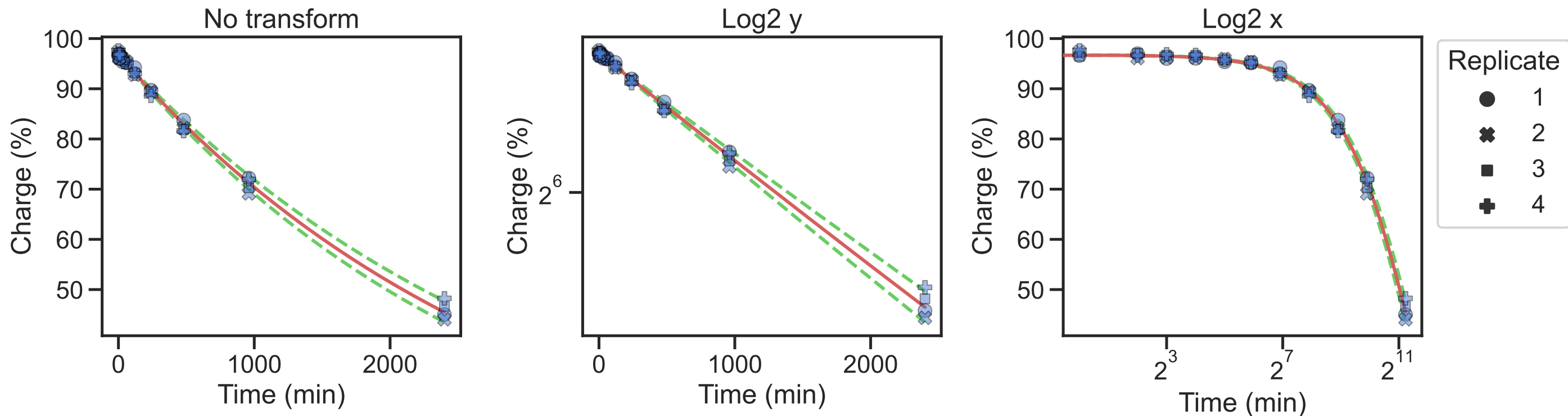




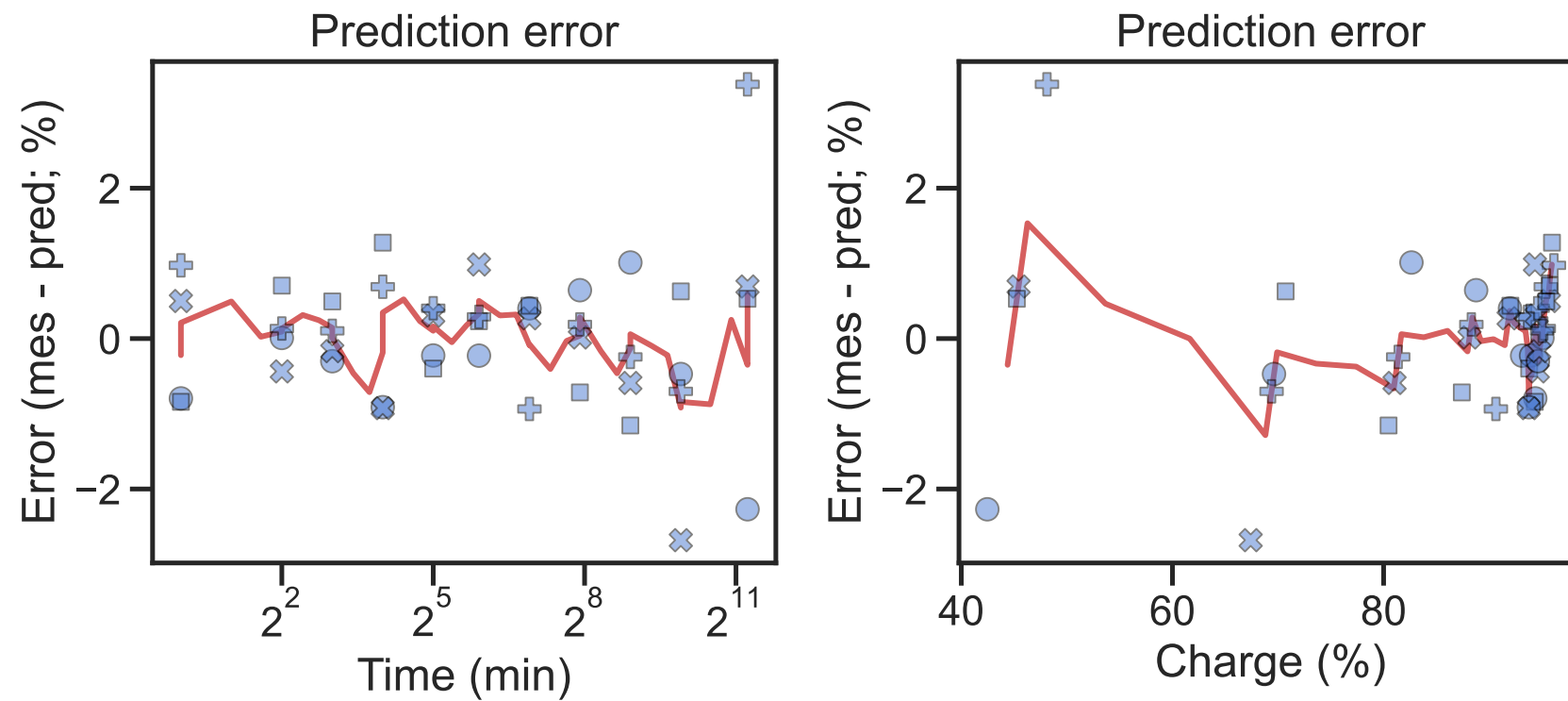
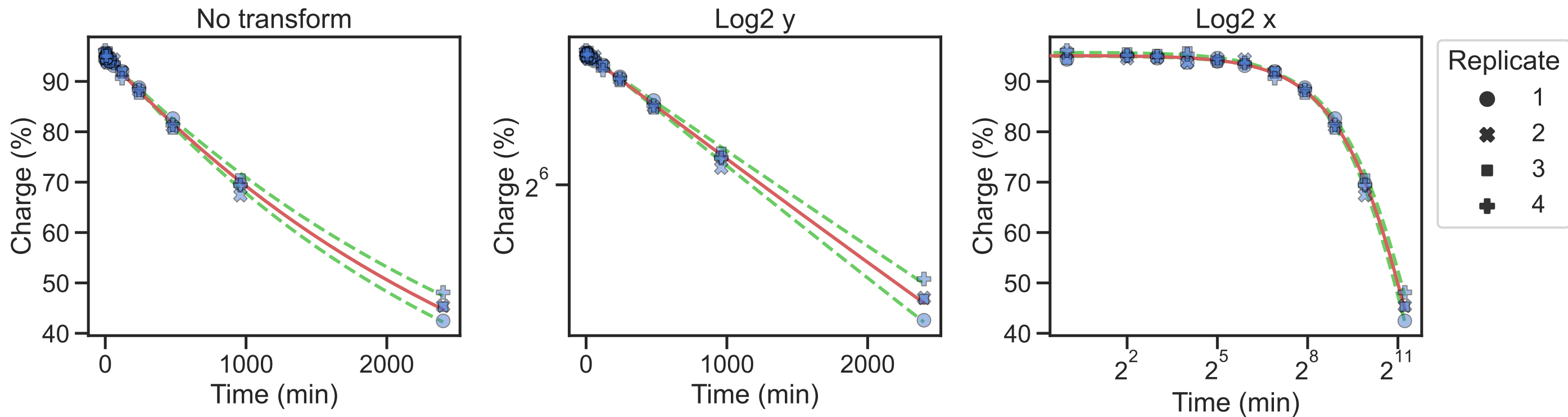
Val-AAC-3-1 half-life=2629 min, 95% CI (2444; 2833)



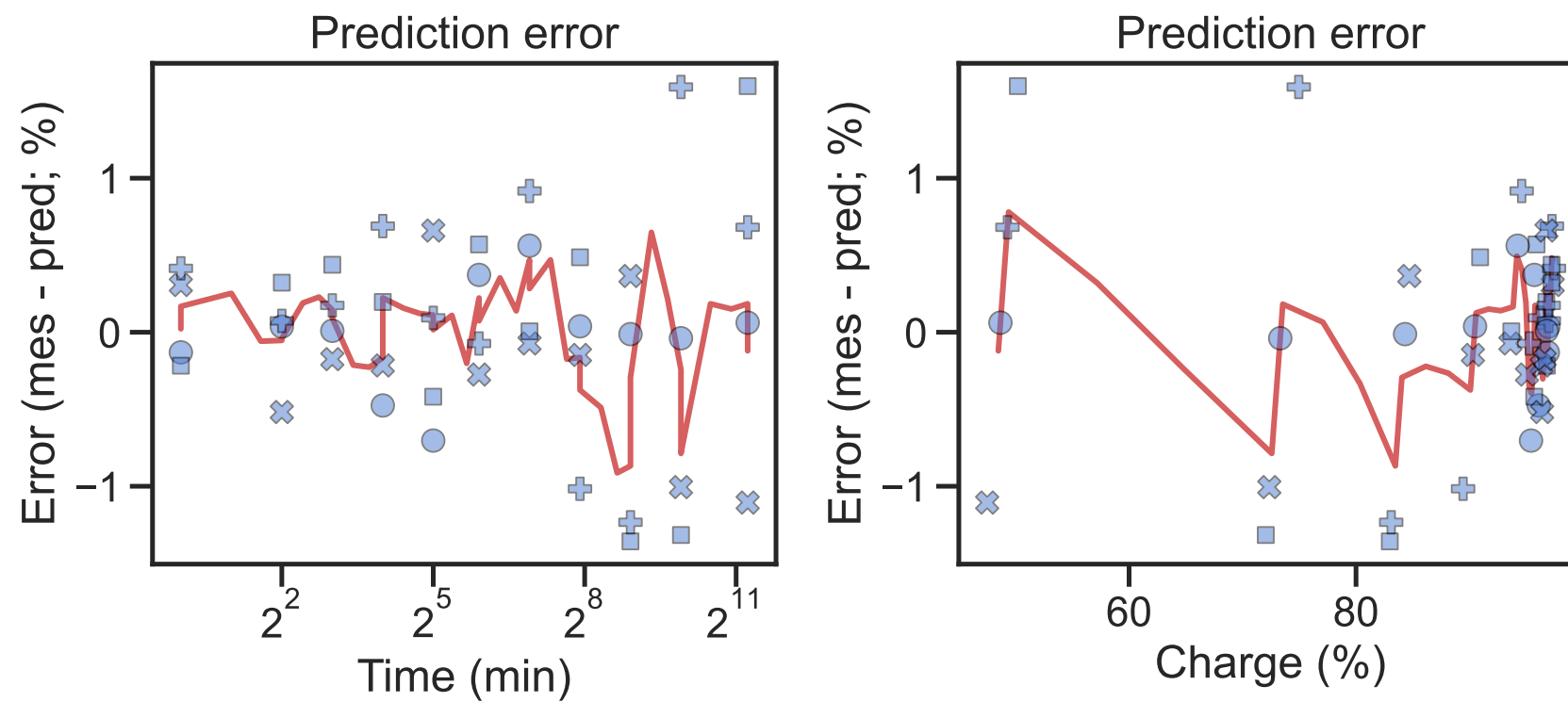
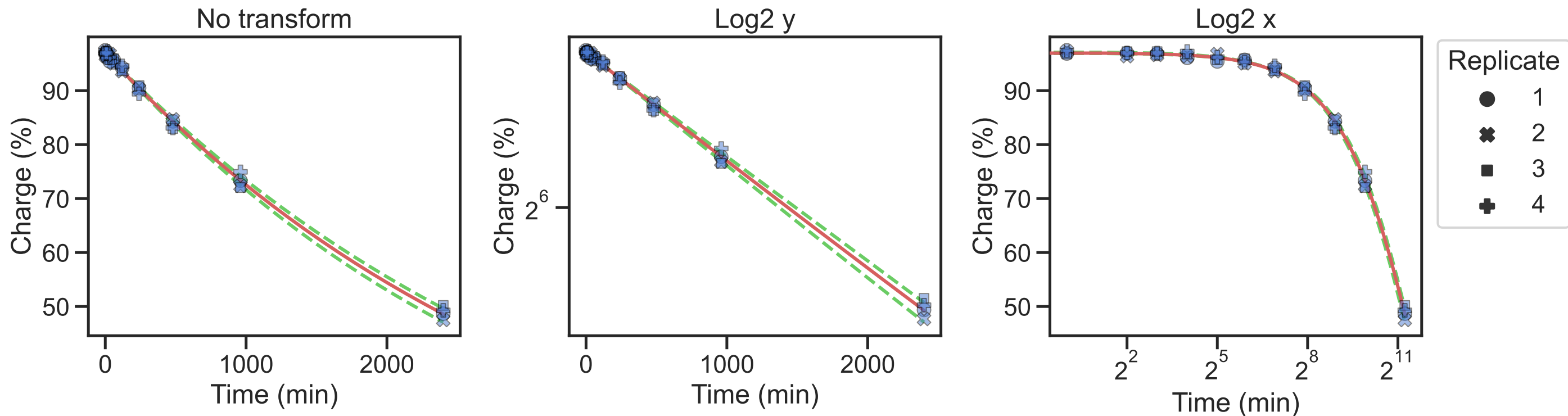
Val-CAC-1-1 half-life=2085 min, 95% CI (1966; 2229)



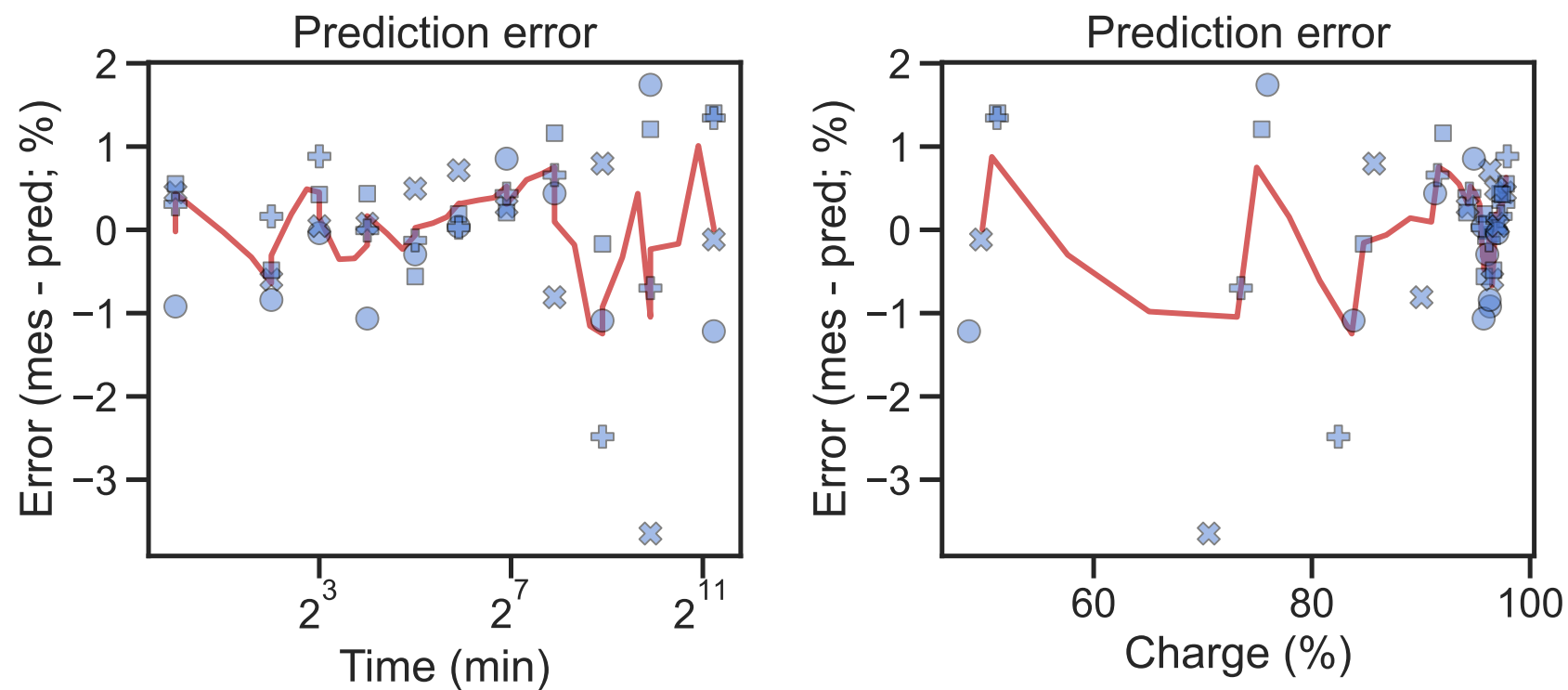
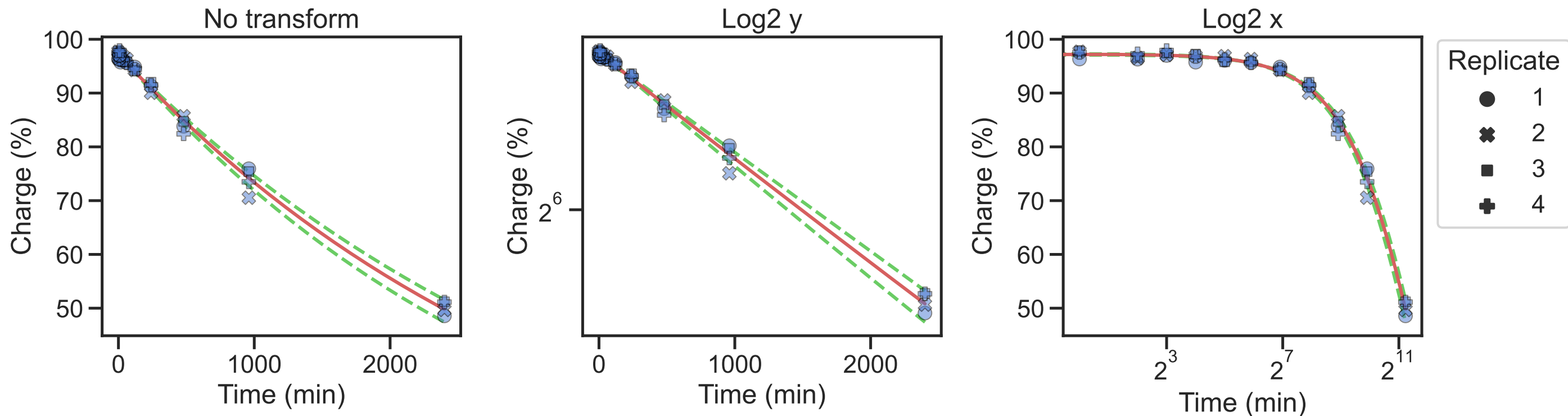
Val-CAC-2-1 half-life=2082 min, 95% CI (1916; 2267)



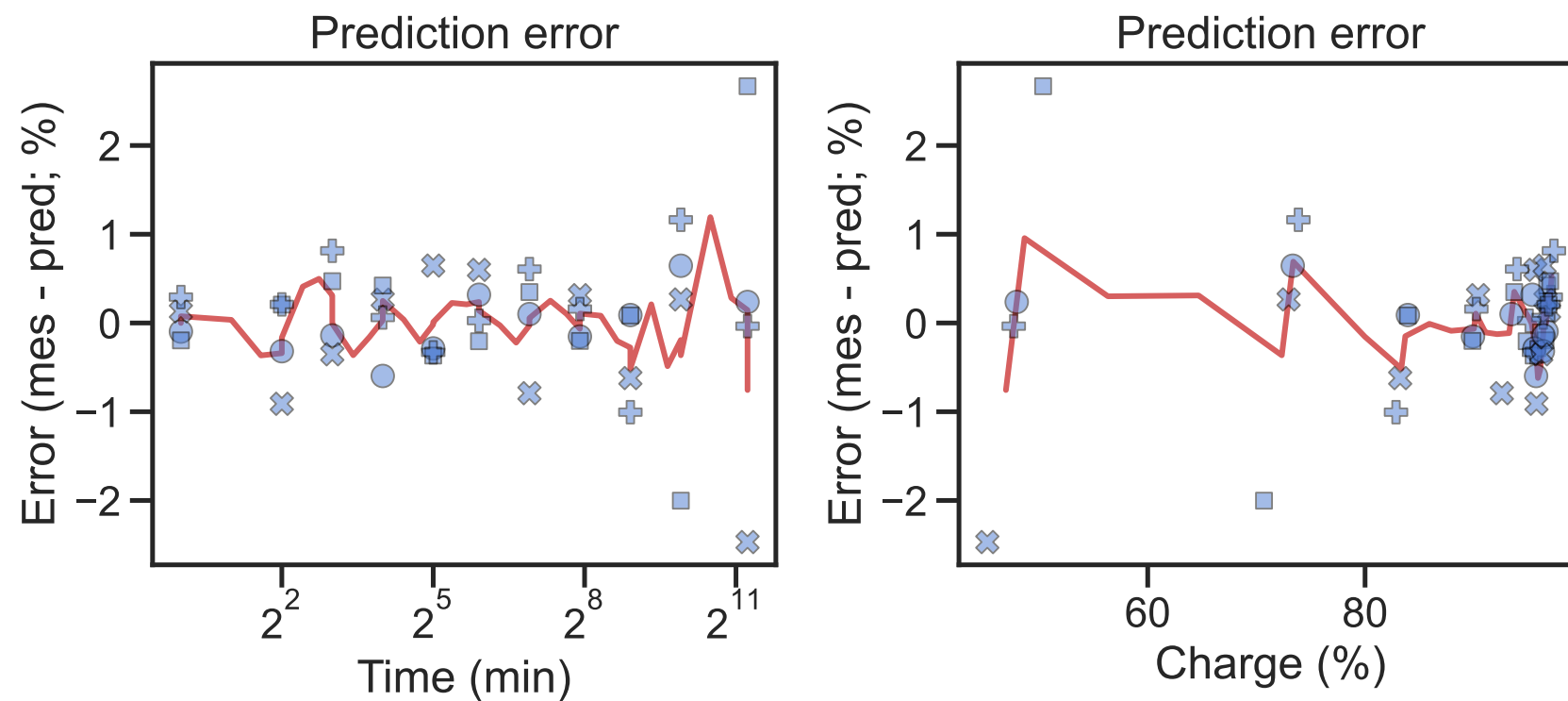
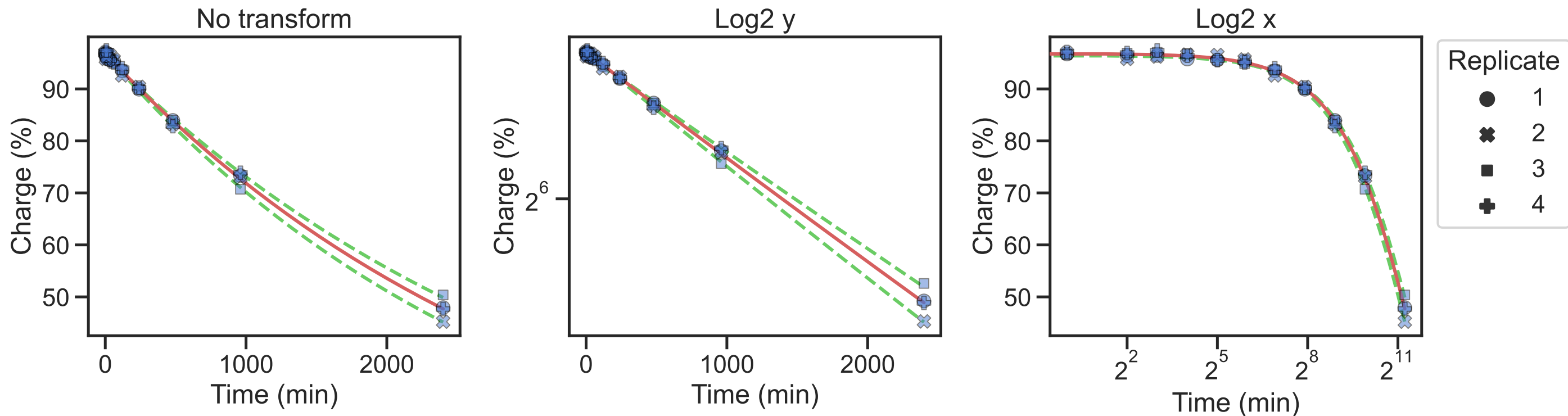
Val-CAC-3-1 half-life=2281 min, 95% CI (2175; 2483)



Val-CAC-4-1 half-life=2357 min, 95% CI (2190; 2627)



Val-TAC-1-1 half-life=2227 min, 95% CI (2063; 2393)



Val-TAC-2-1 half-life=2344 min, 95% CI (2169; 2550)

