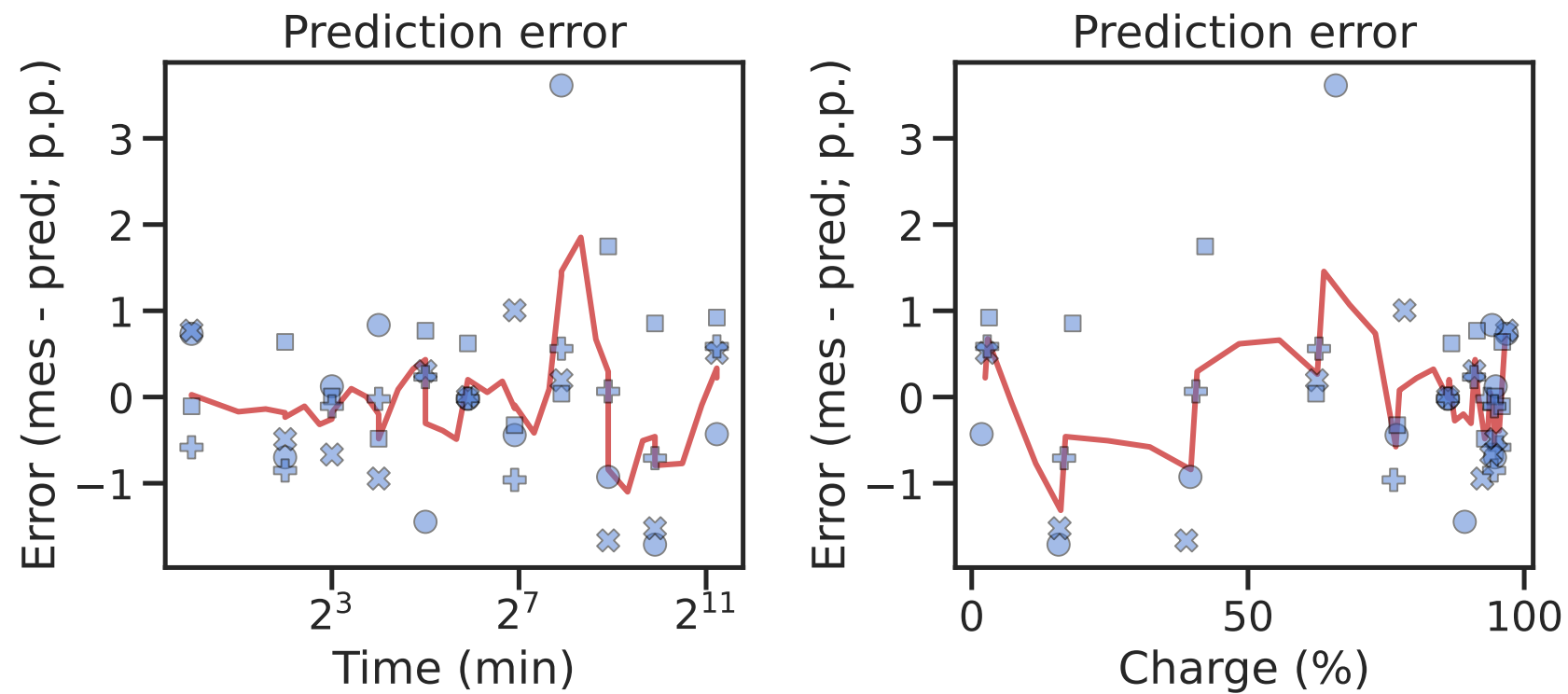
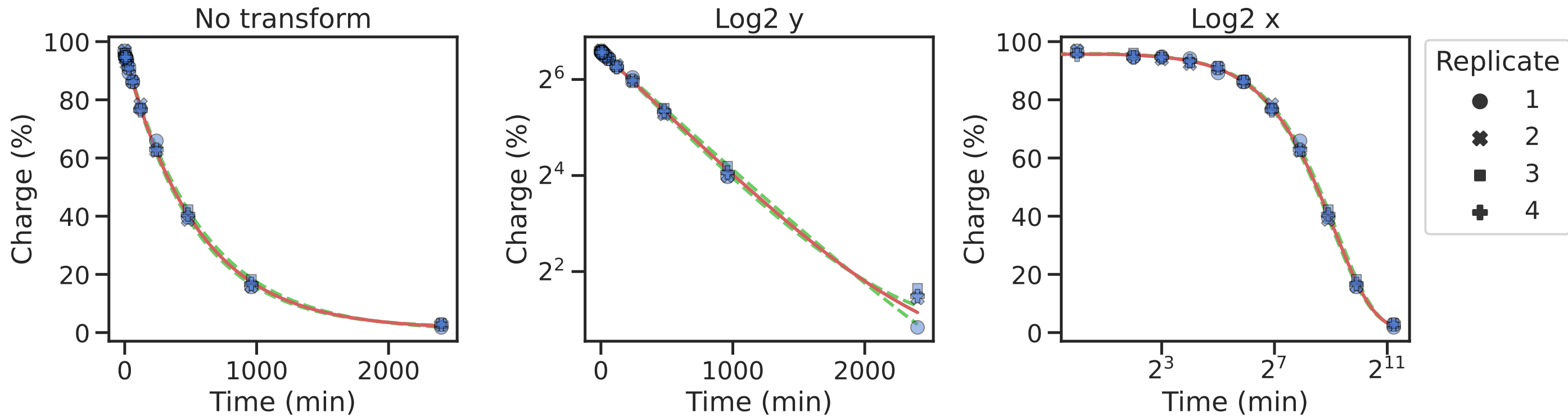
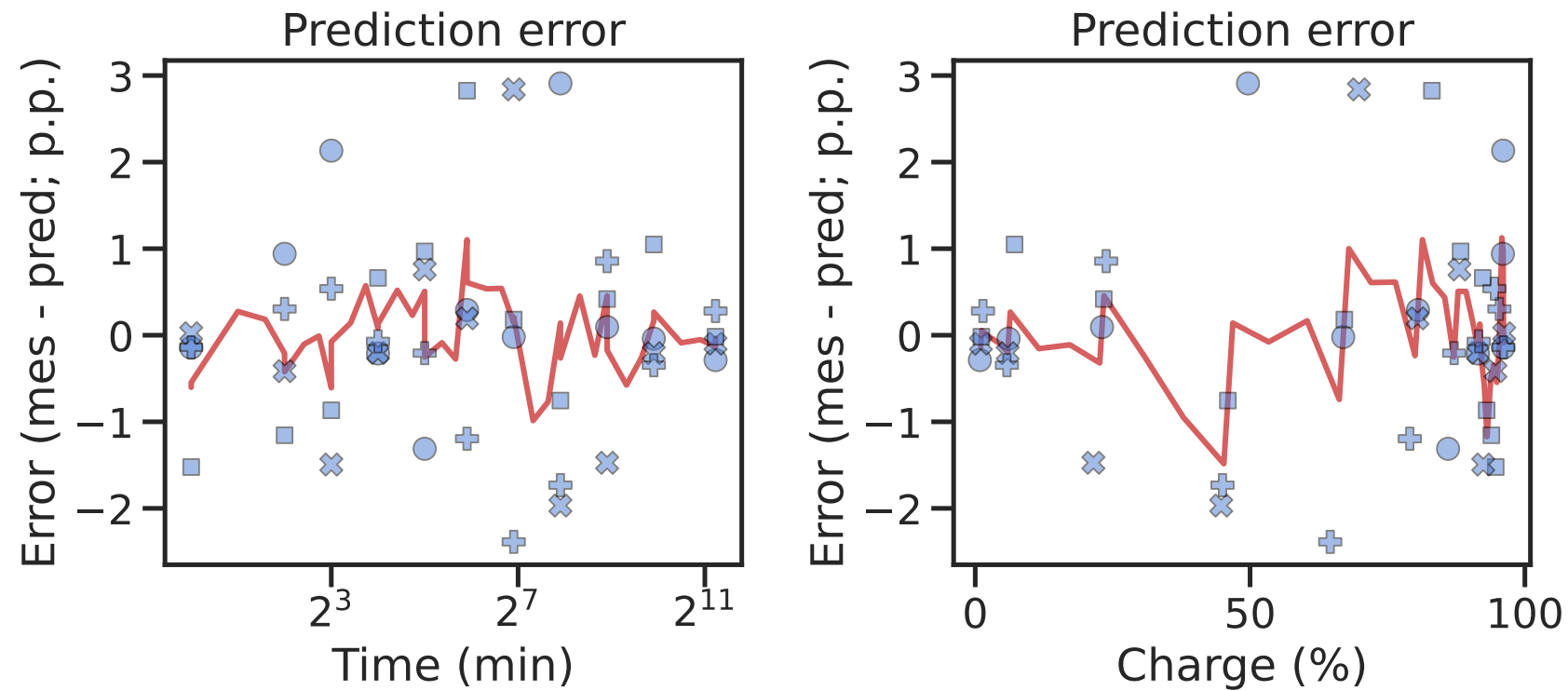
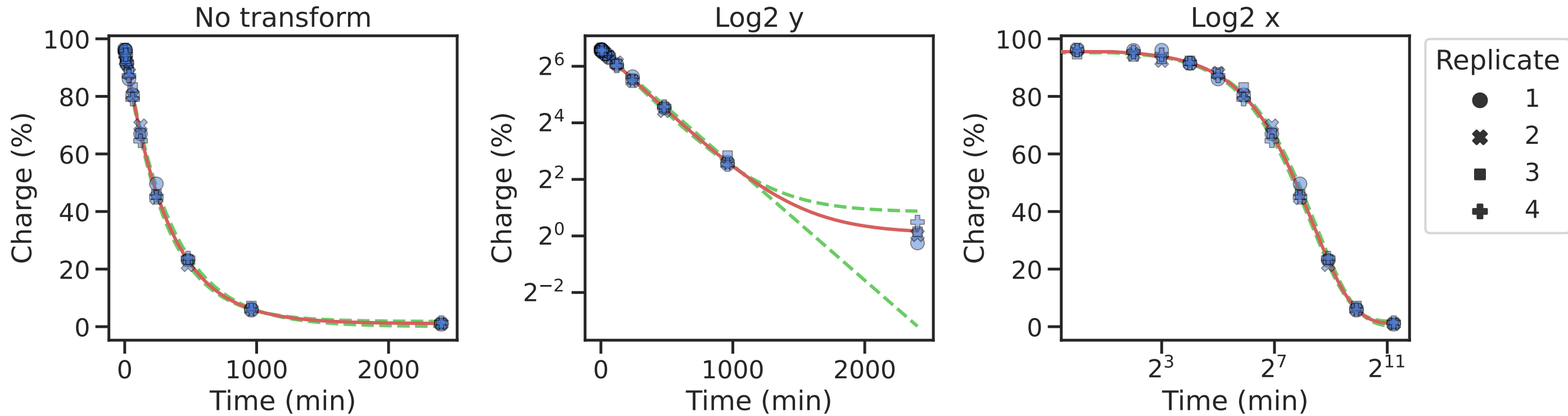


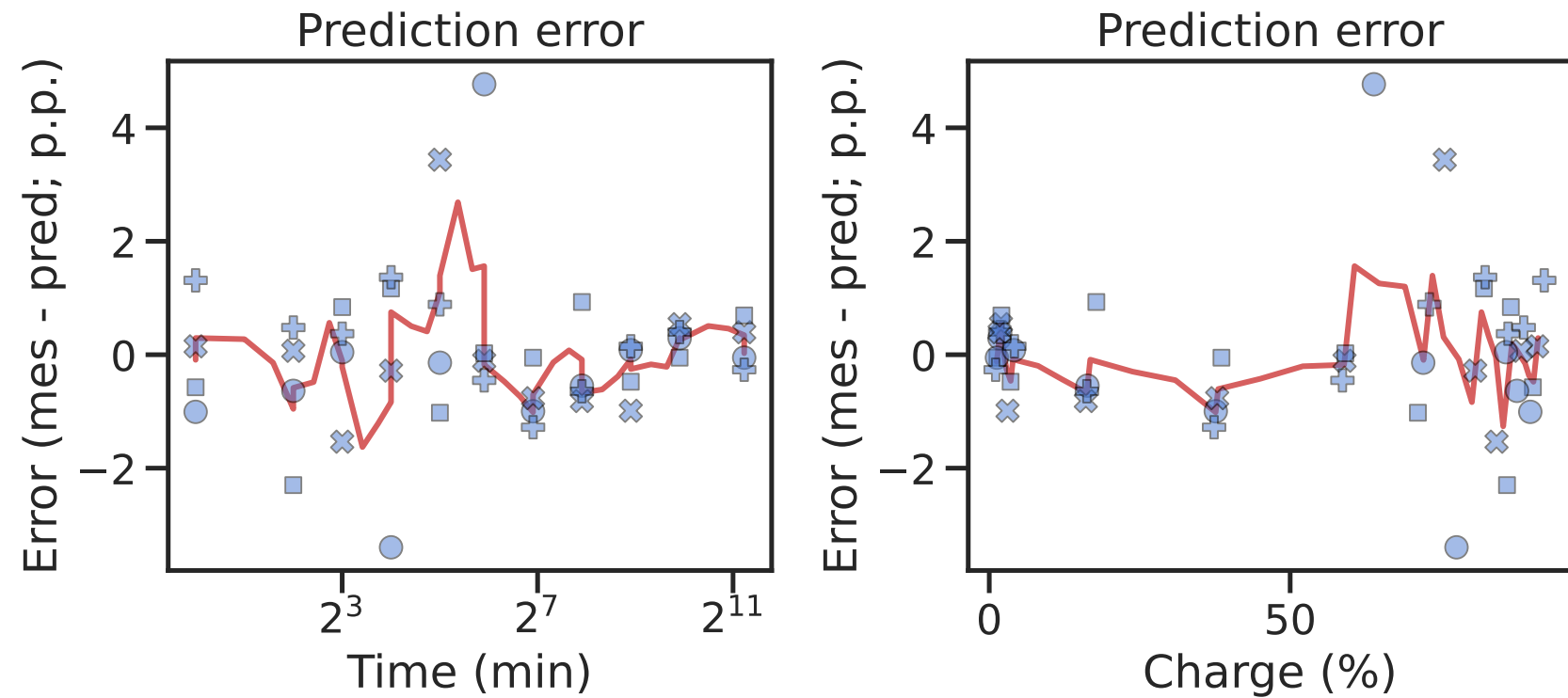
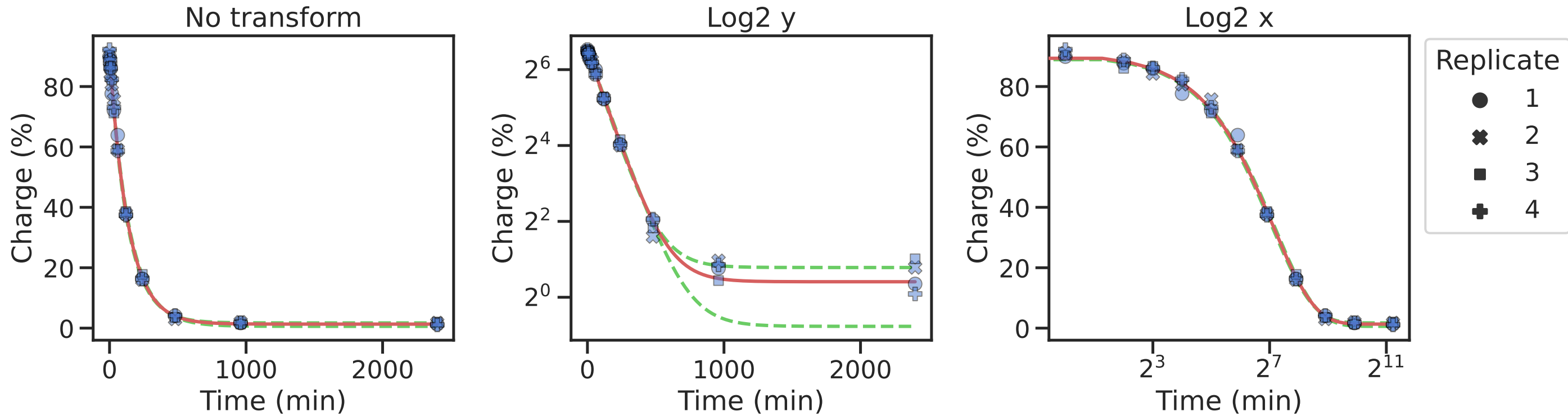
mito-Ala-TGC half-life=378 min, 95% CI (362; 403)



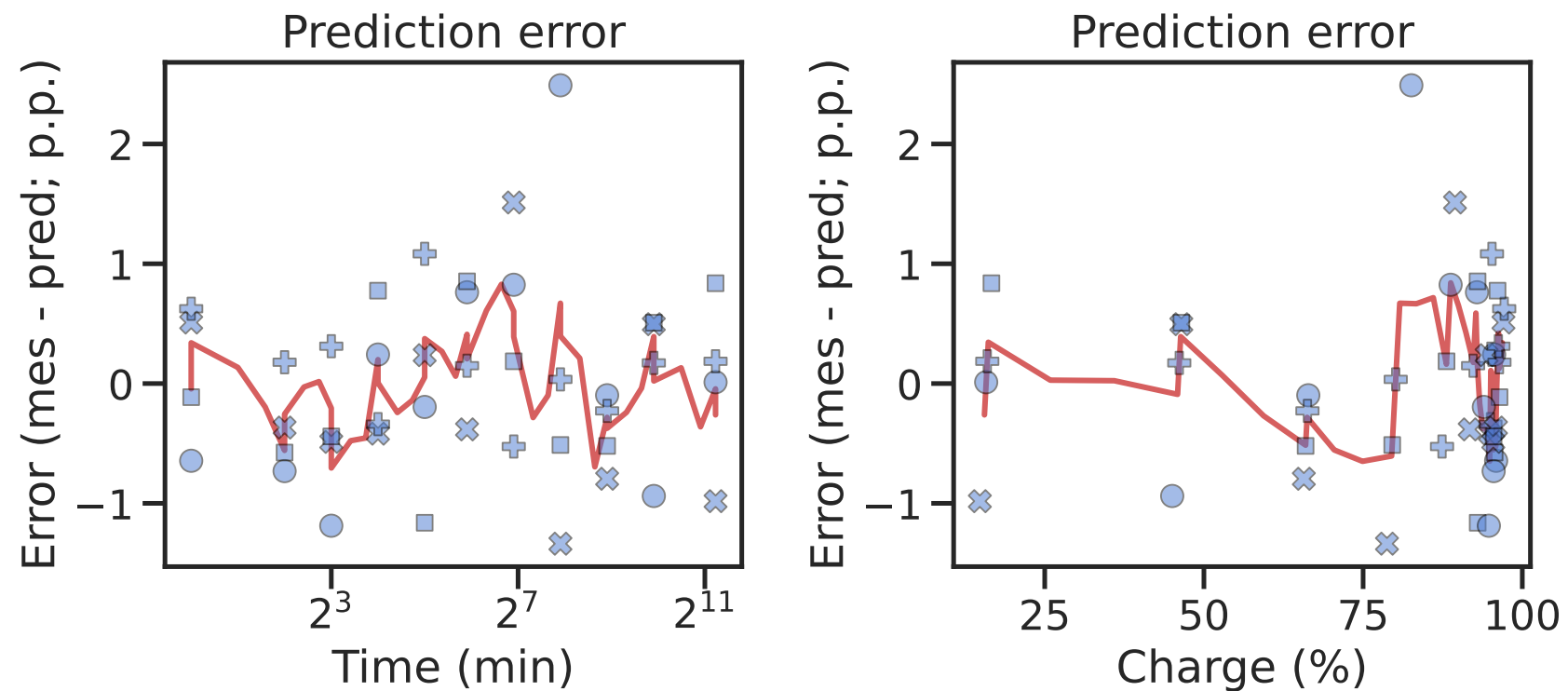
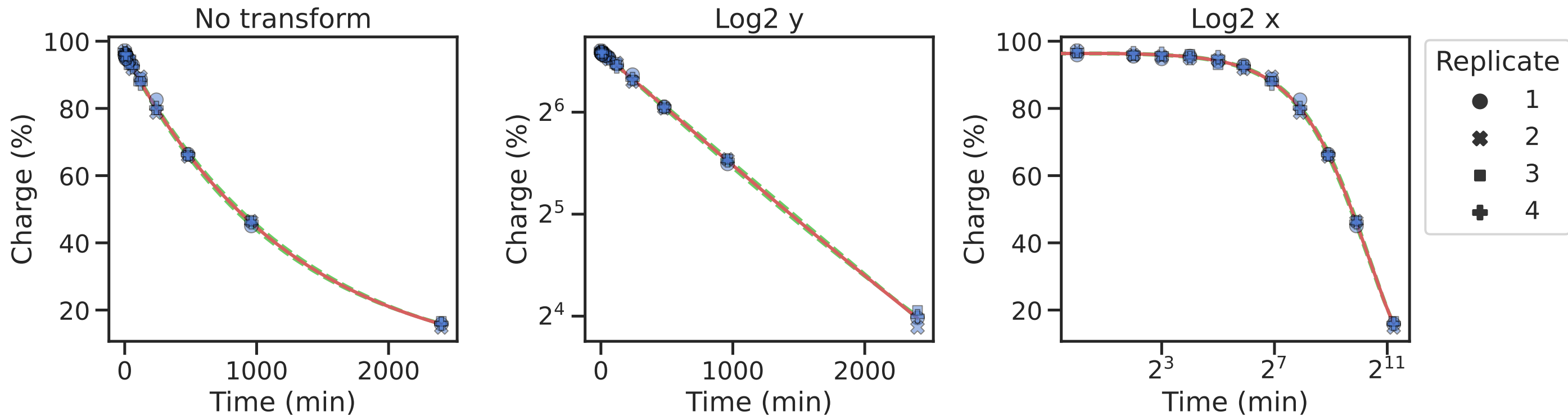
mito-Arg-TCG half-life=227 min, 95% CI (213; 245)



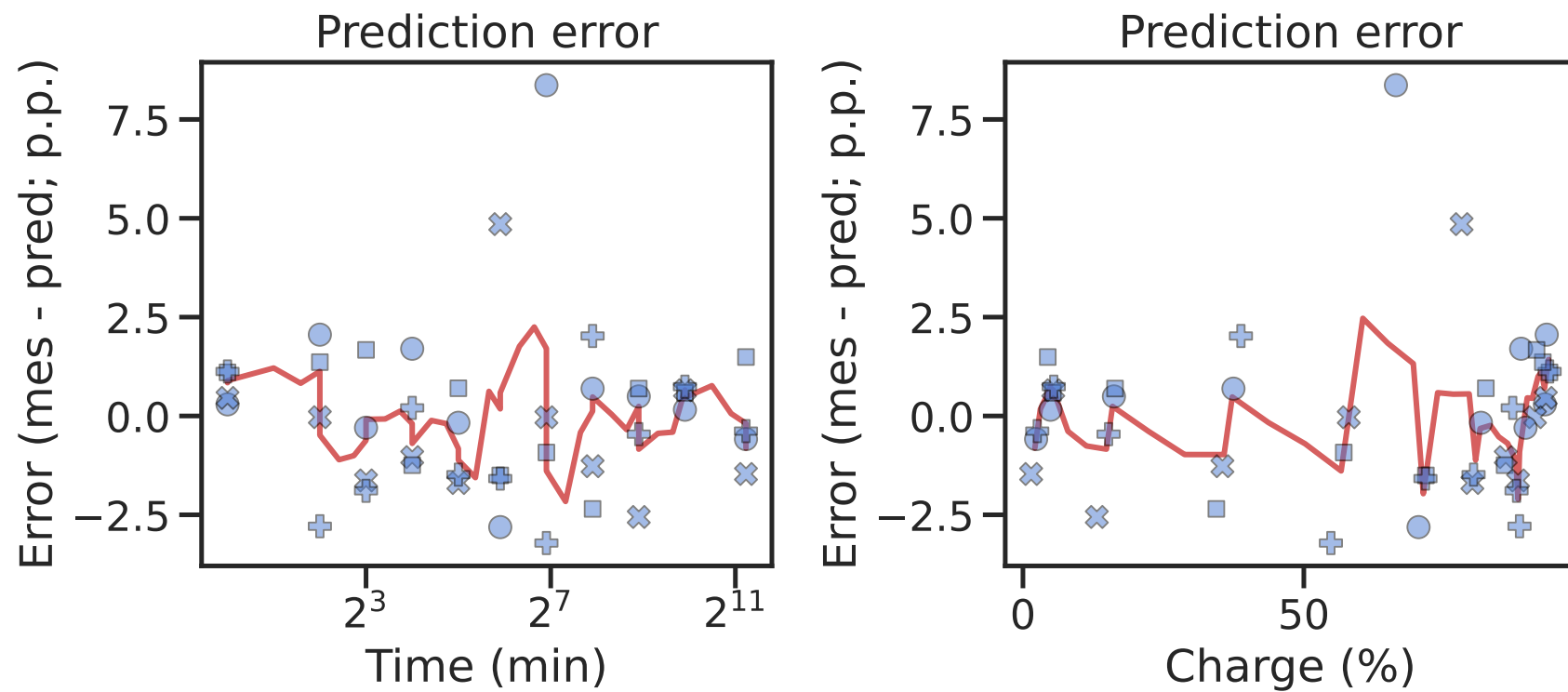
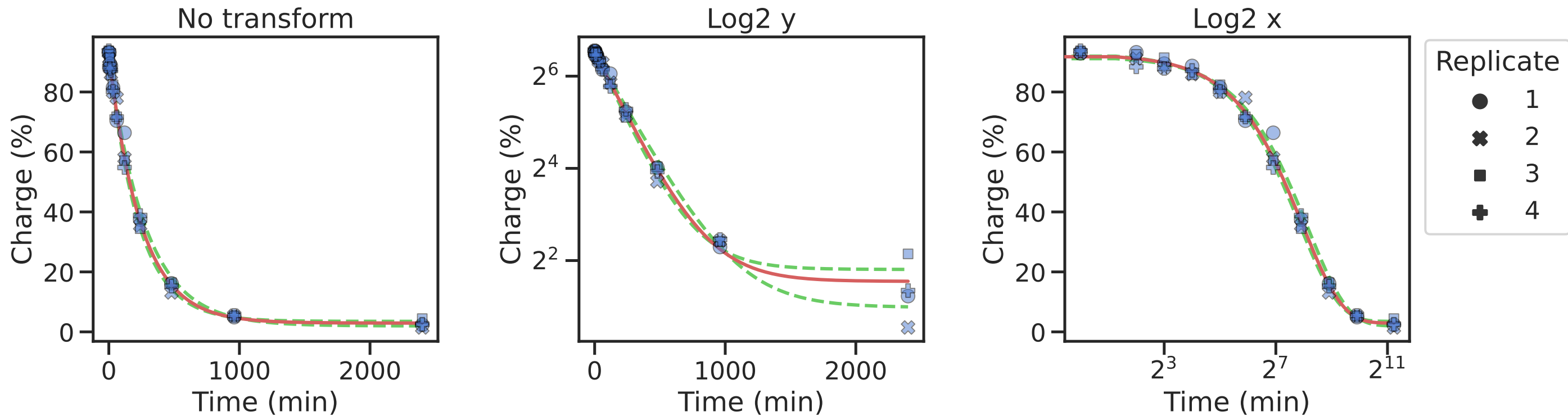
mito-Asn-GTT half-life=95 min, 95% CI (92; 100)



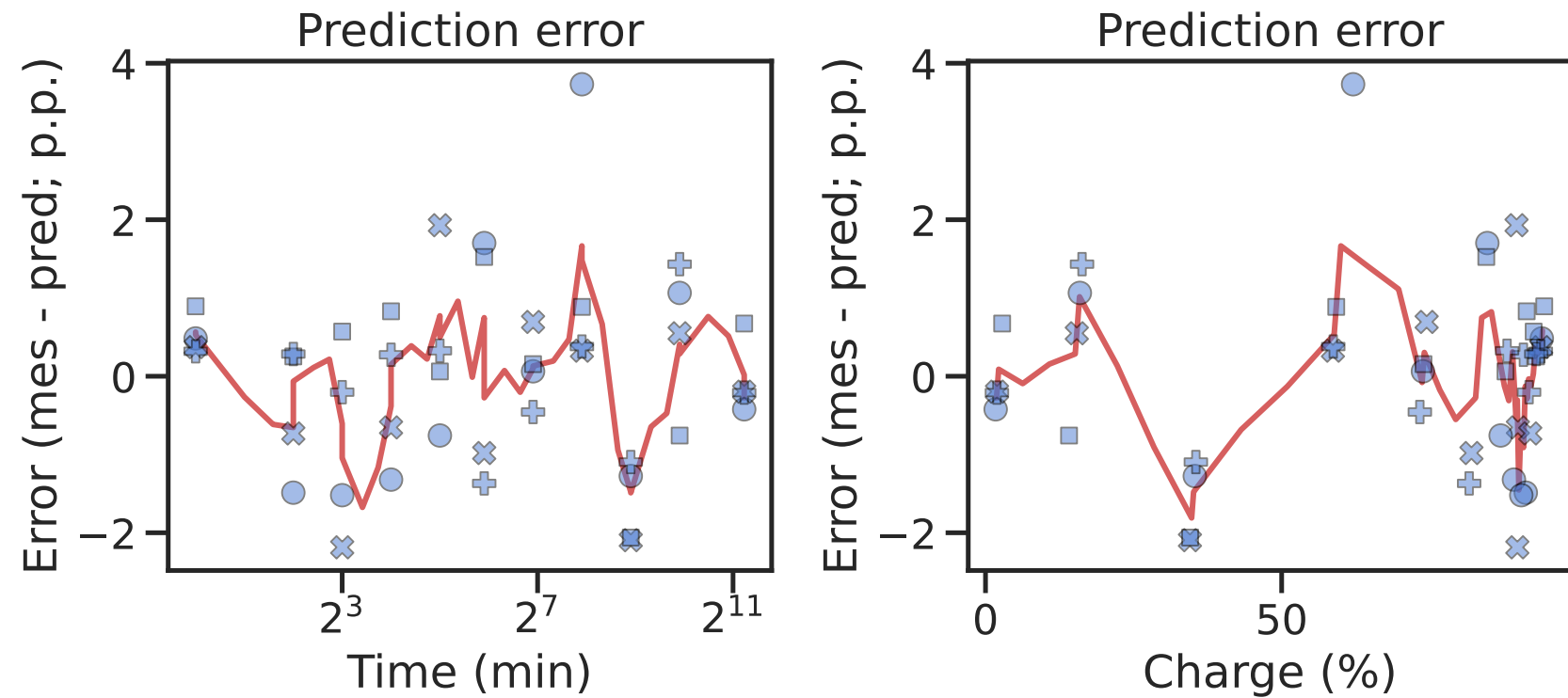
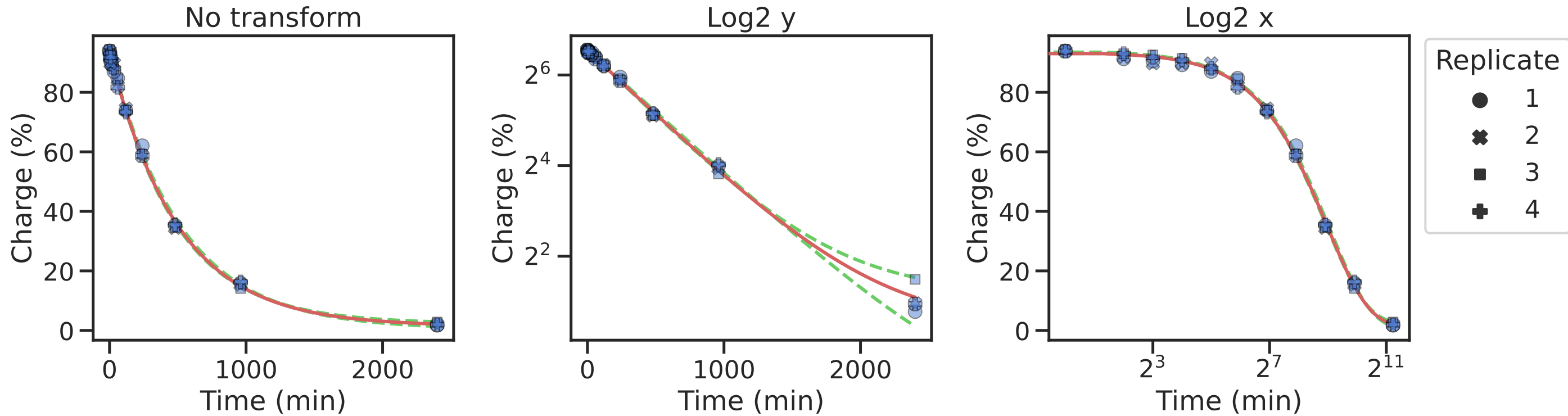
mito-Asp-GTC half-life=874 min, 95% CI (829; 917)



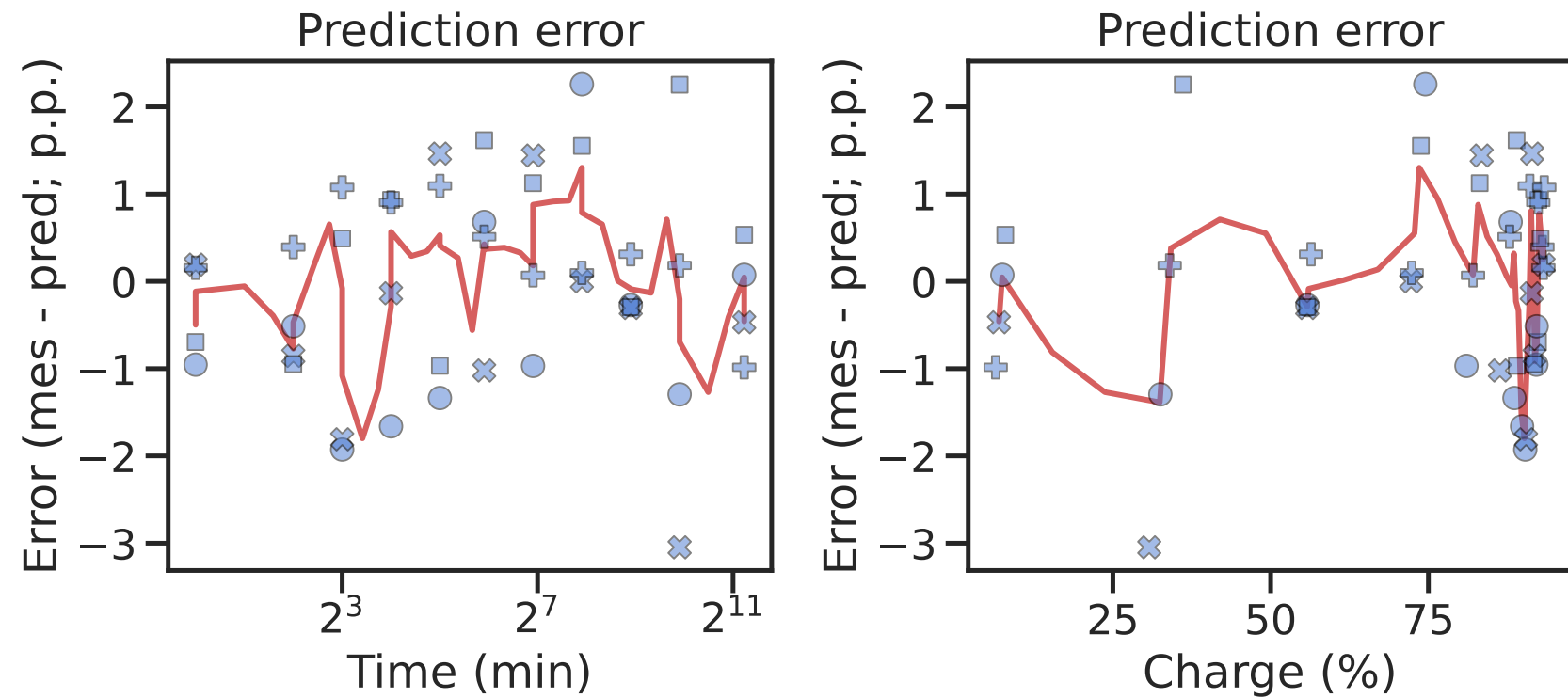
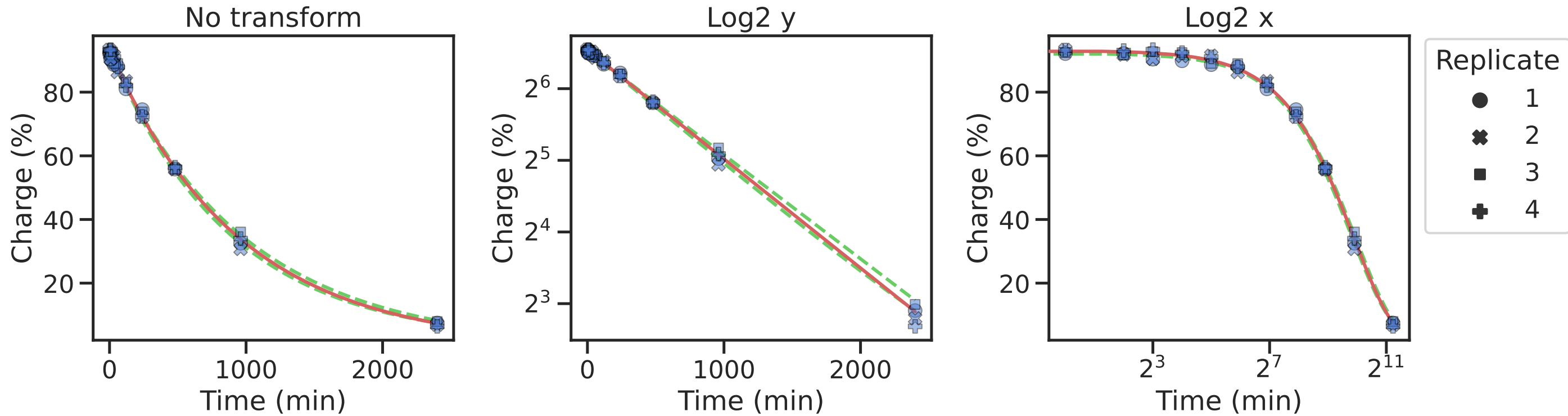
mito-Cys-GCA half-life=171 min, 95% CI (157; 195)



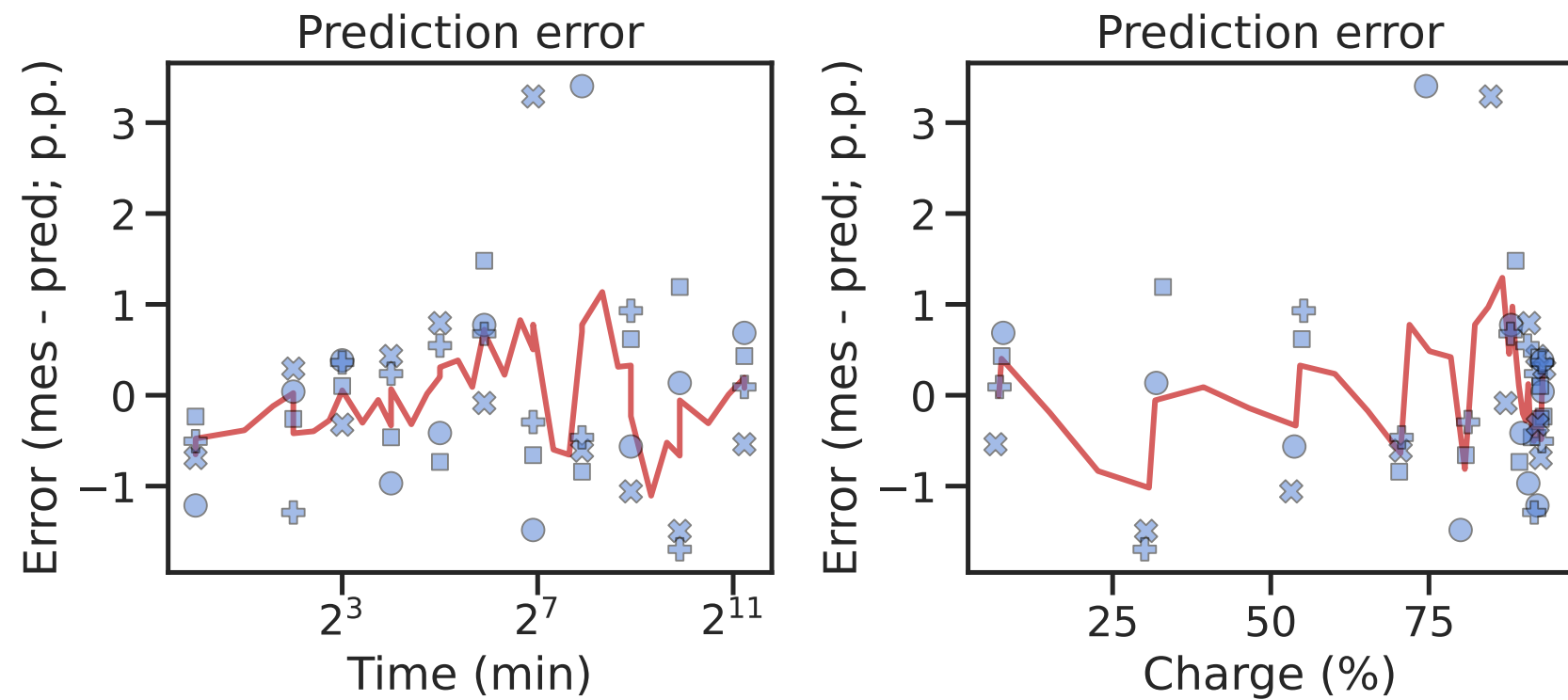
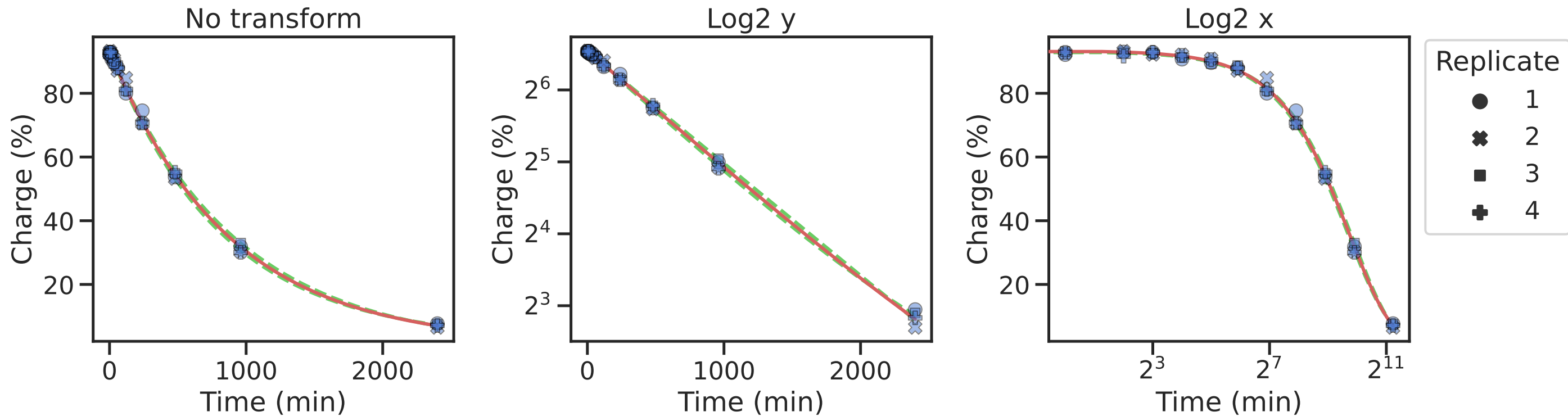
mito-Gln-TTG half-life=346 min, 95% CI (334; 365)



mito-Glu-TTC half-life=657 min, 95% CI (619; 689)

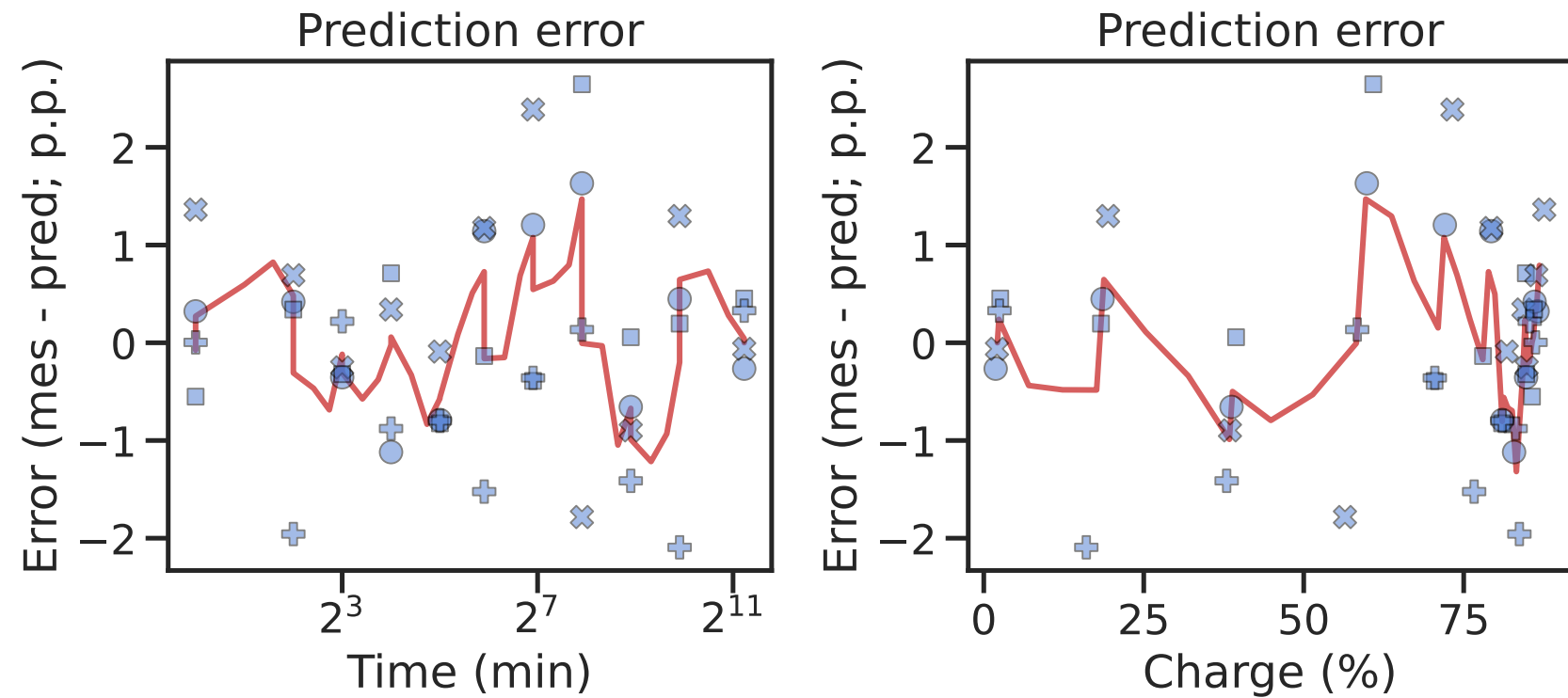
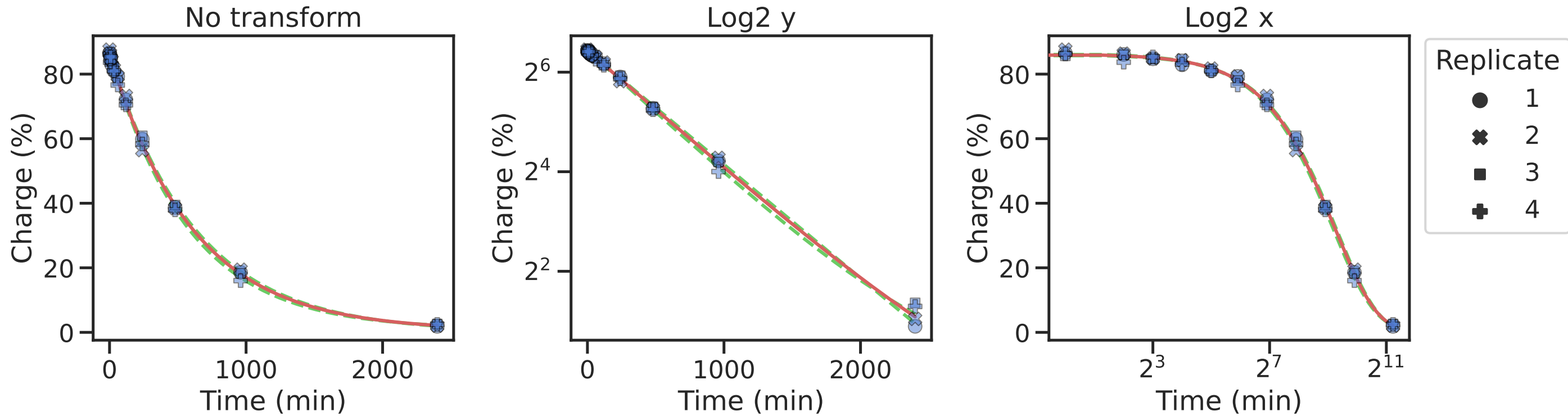


mito-Gly-TCC half-life=603 min, 95% CI (572; 641)

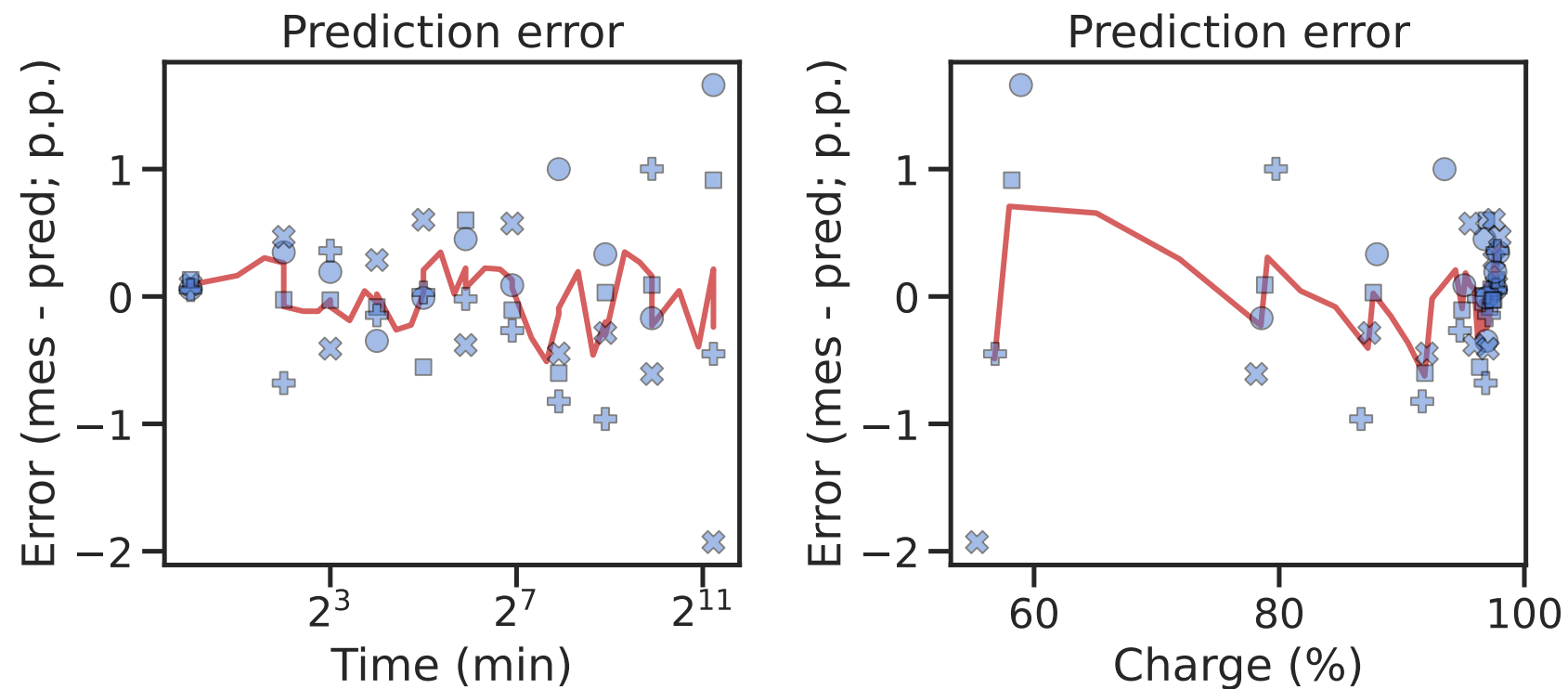
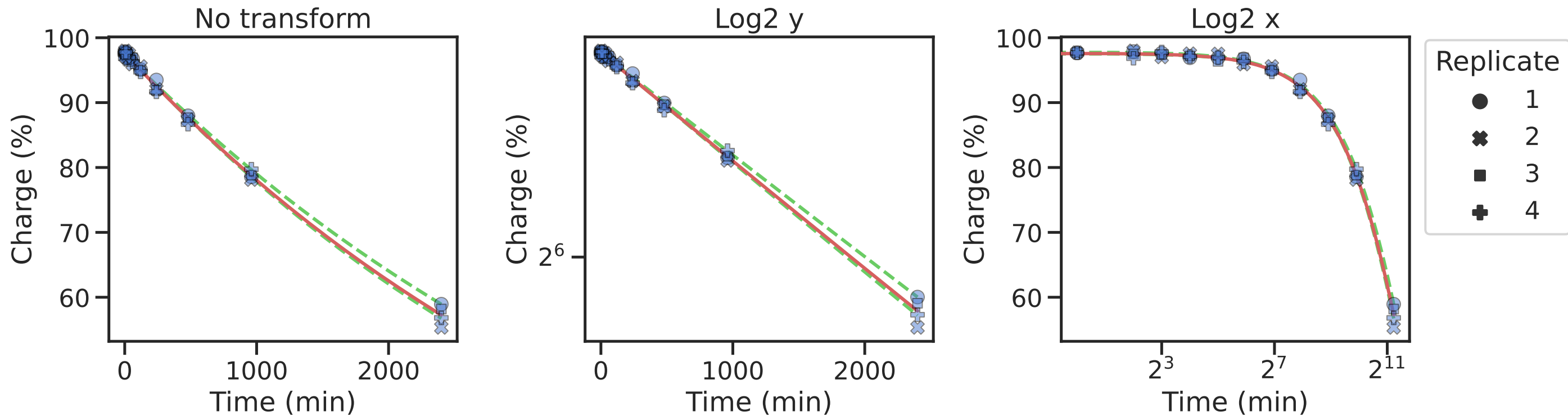




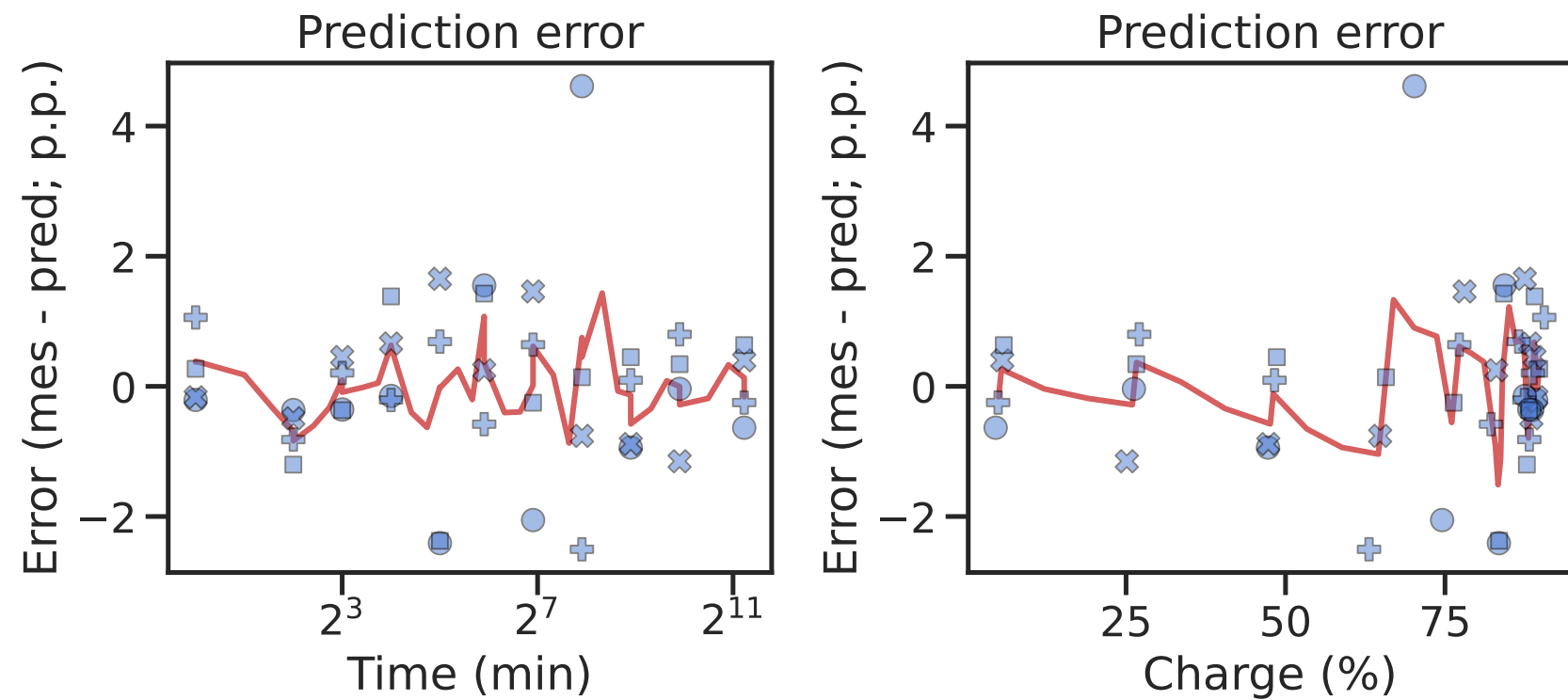
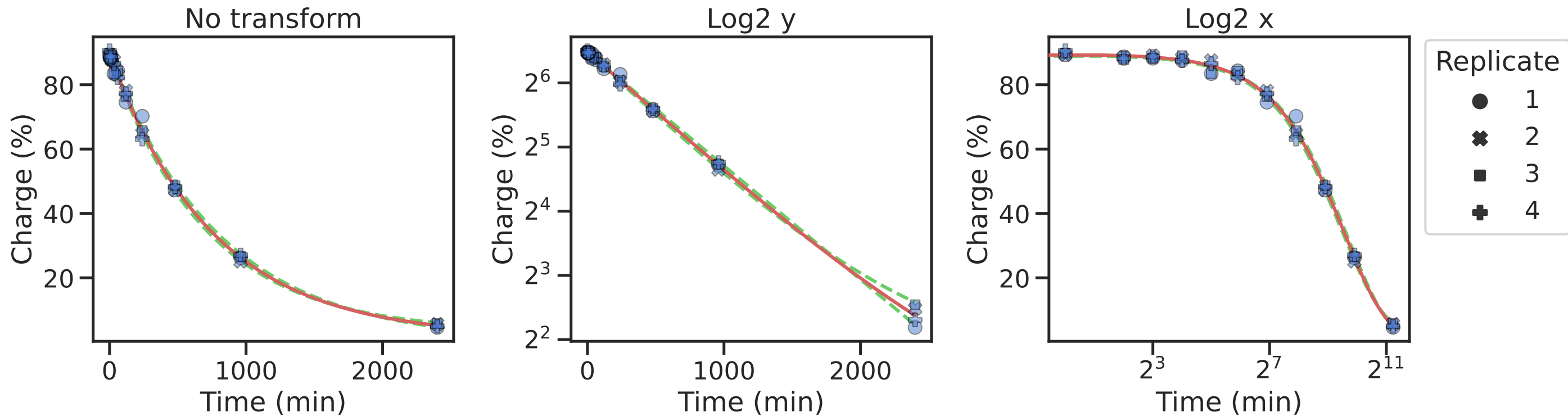
mito-His-GTG half-life=421min, 95% CI (398; 438)



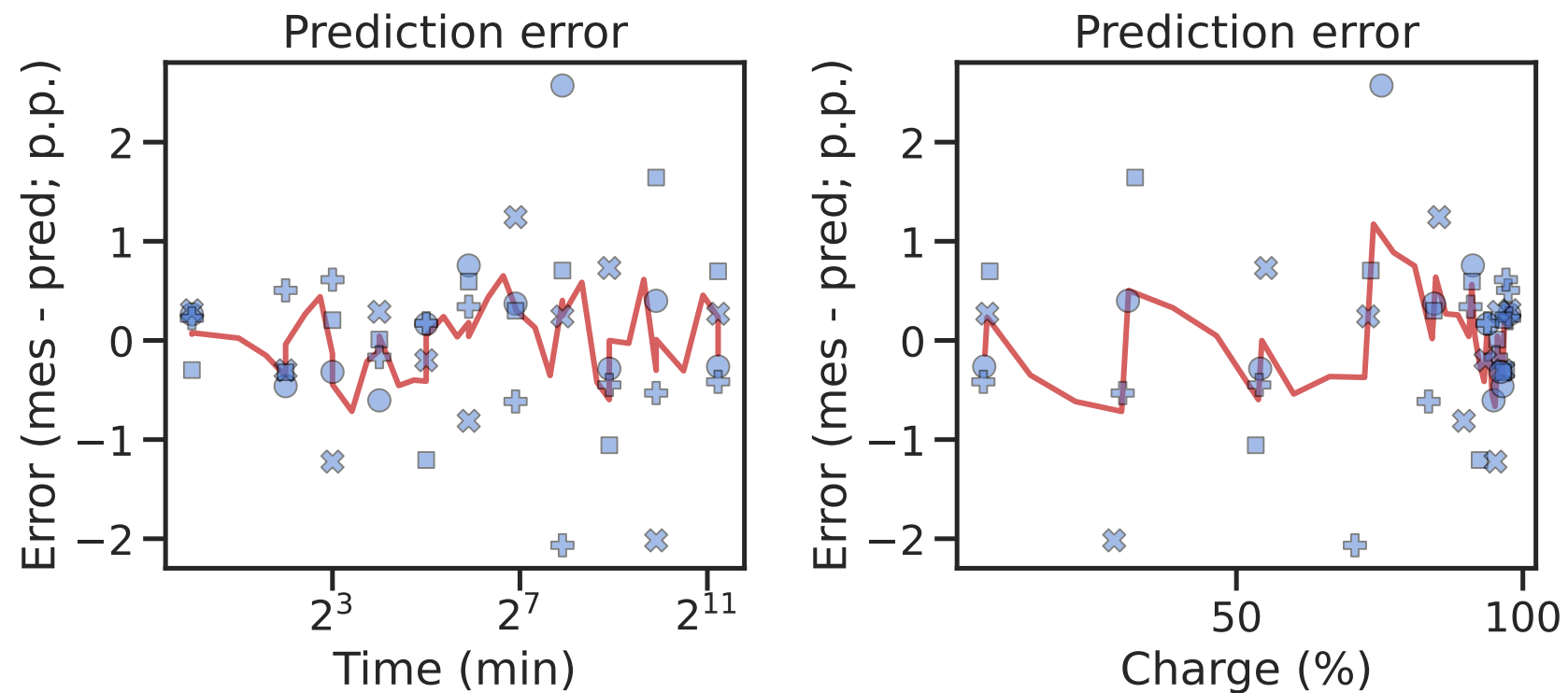
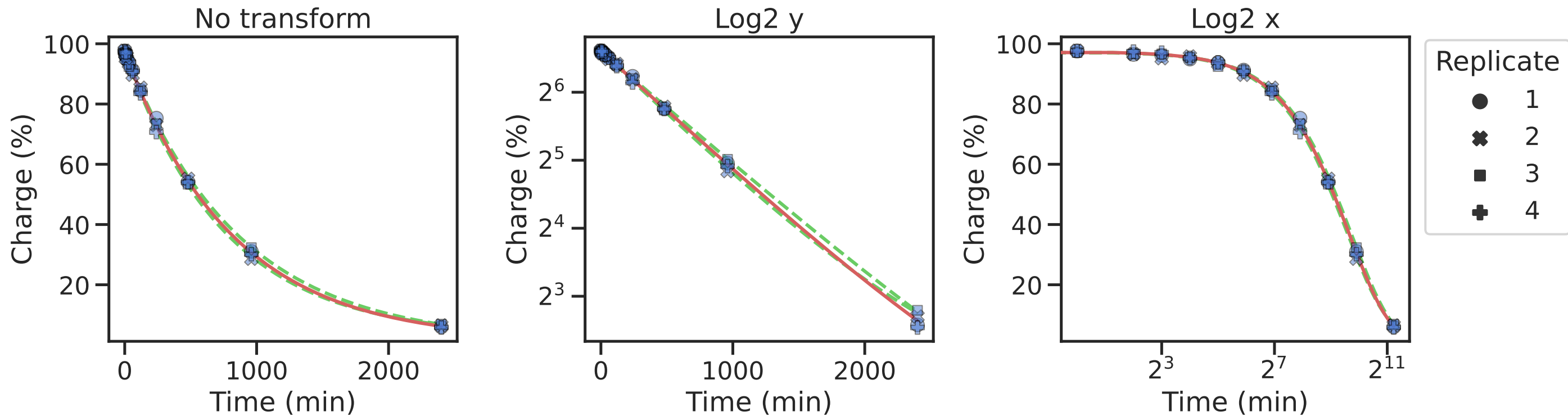
mito-Ile-GAT half-life=2972 min, 95% CI (2911; 3188)



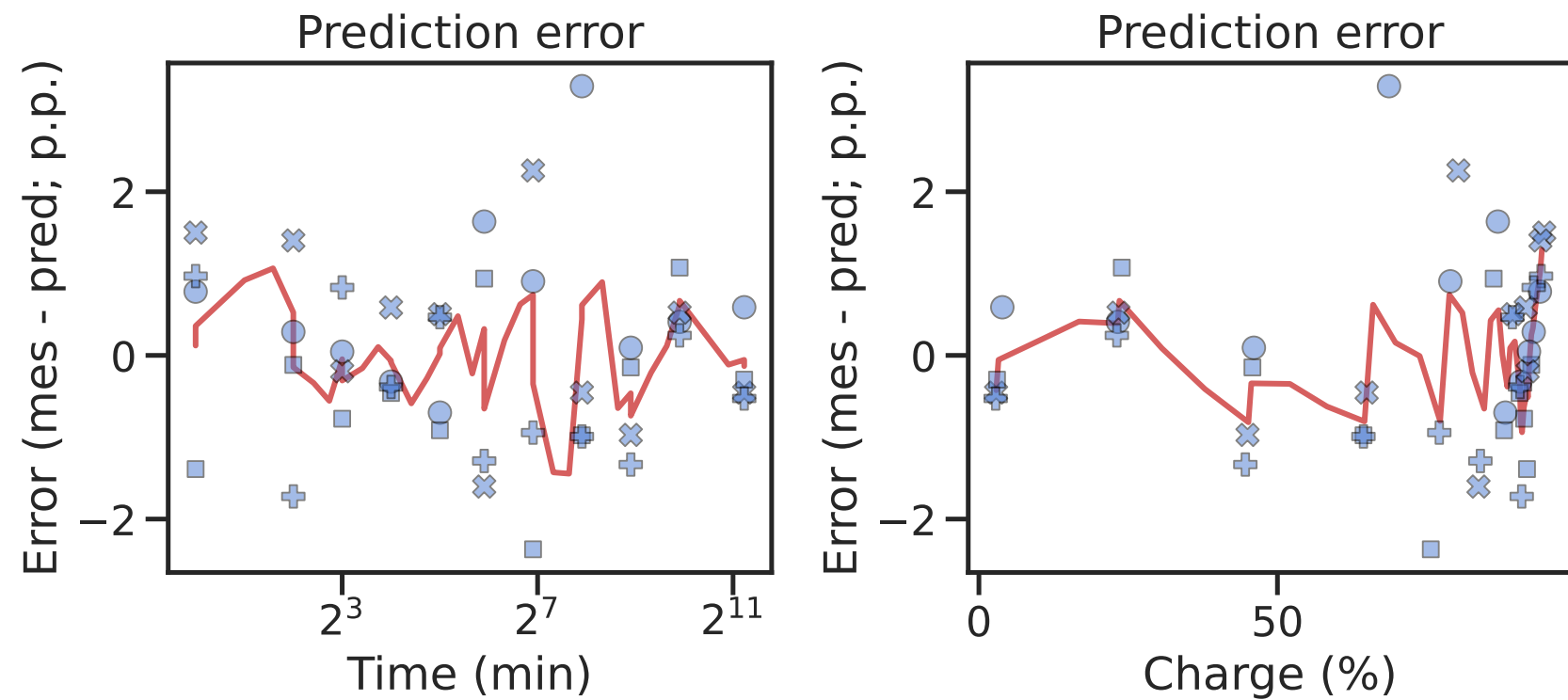
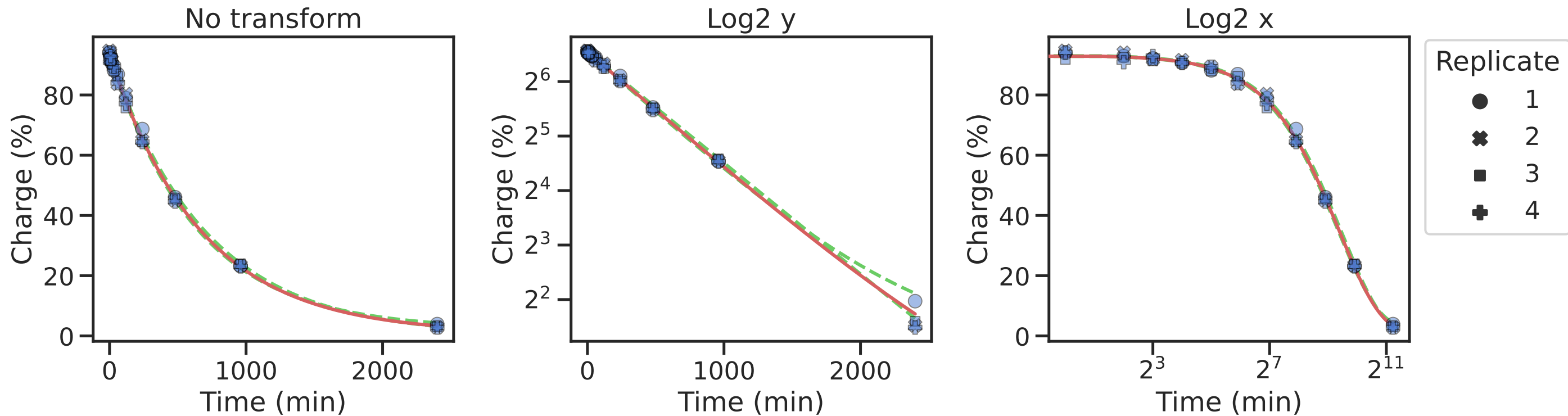
mito-Leu1-TAG half-life=525 min, 95% CI (492; 564)



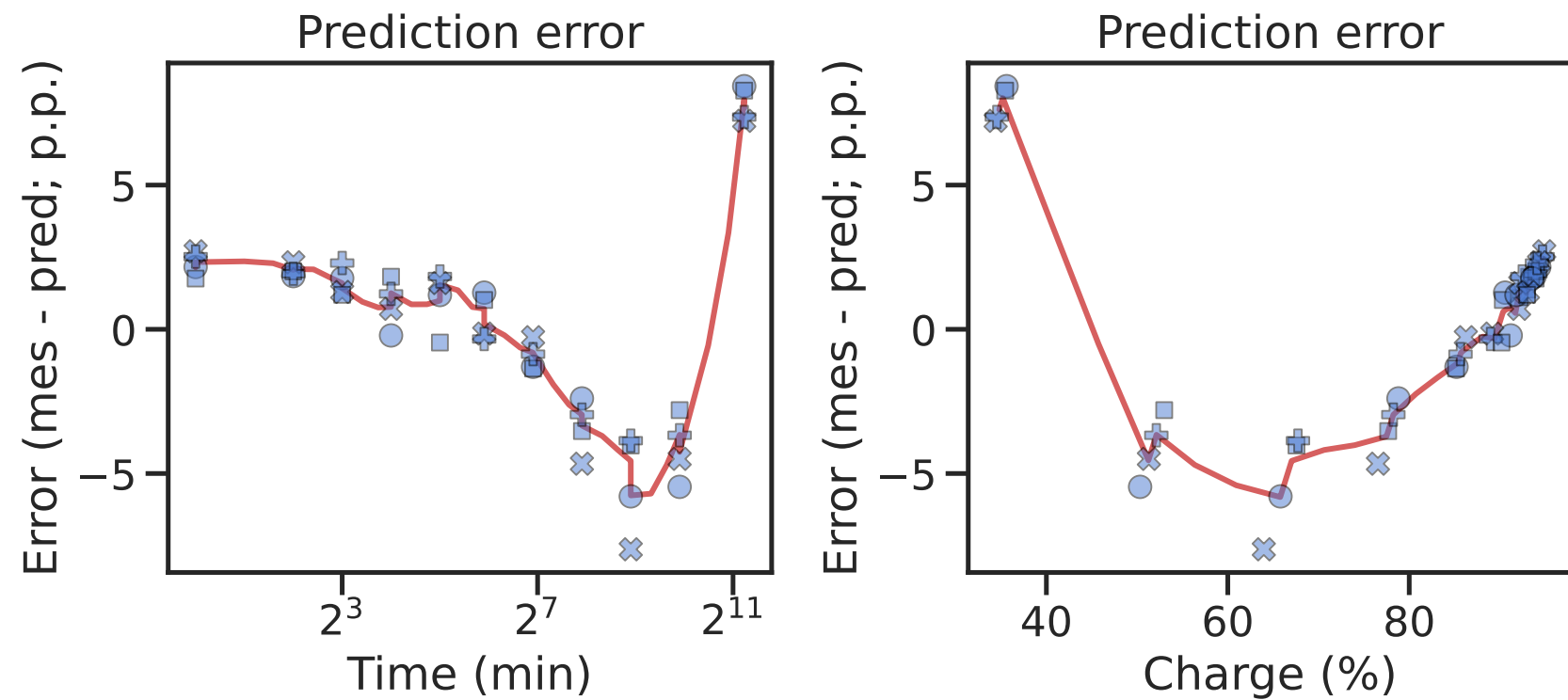
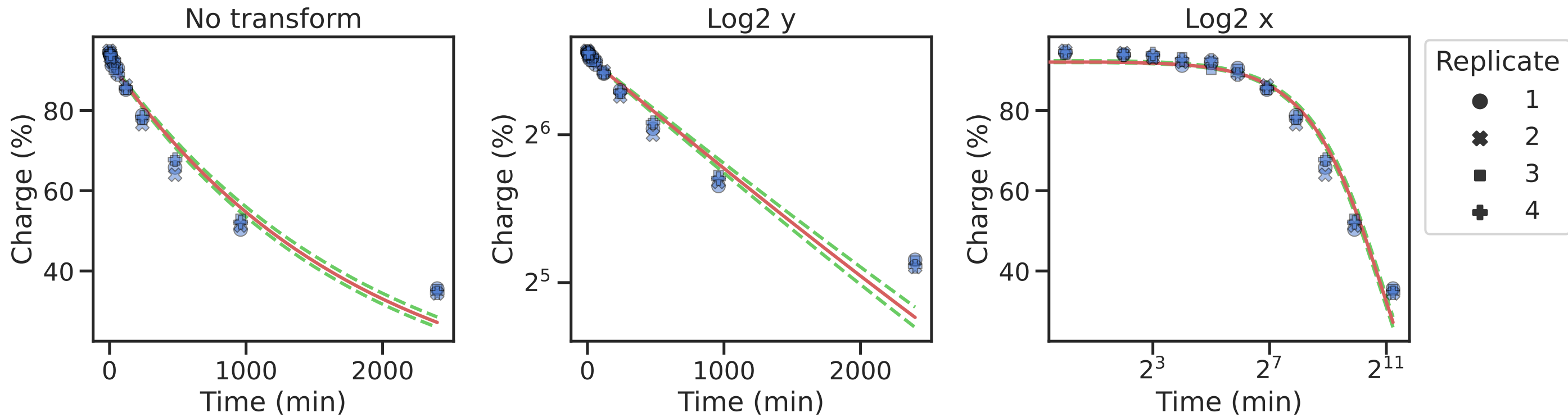
mito-Leu2-TAA half-life=562 min, 95% CI (526; 595)



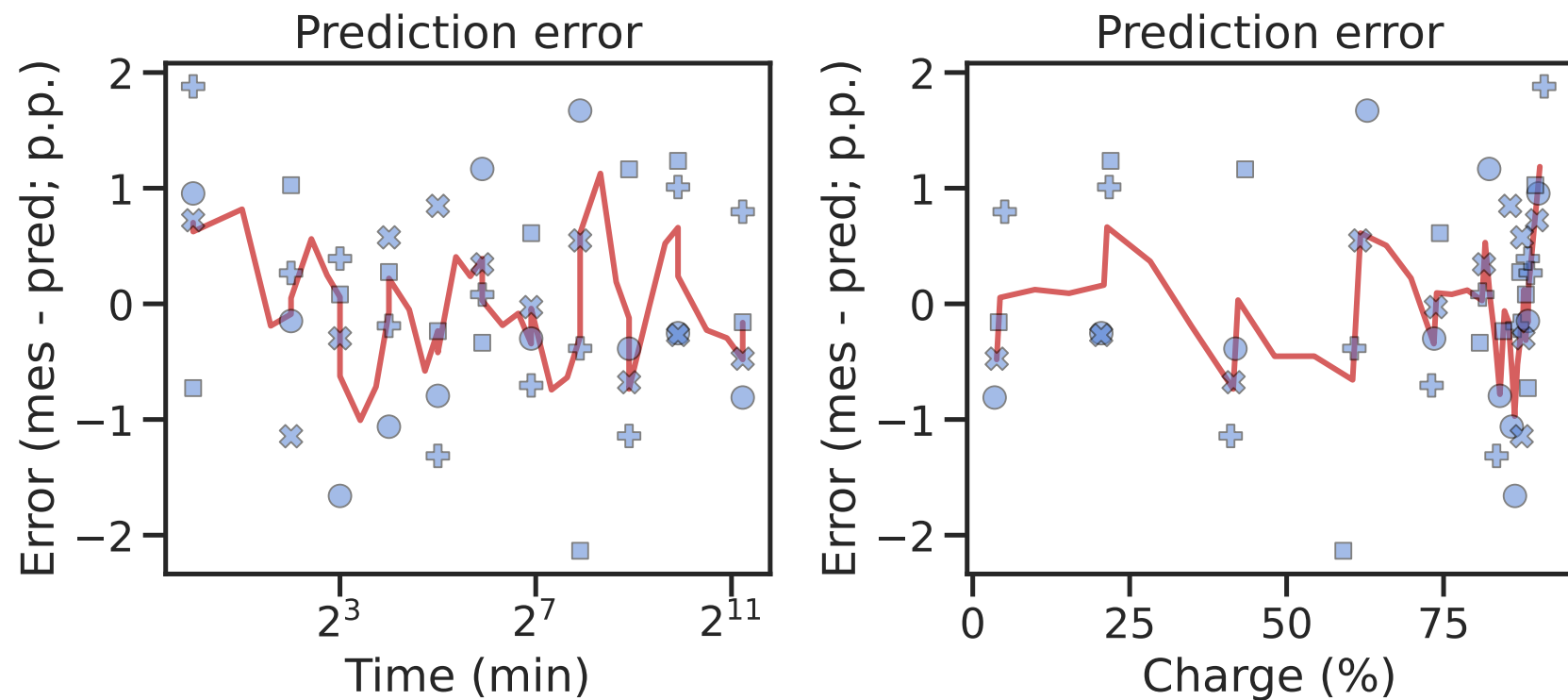
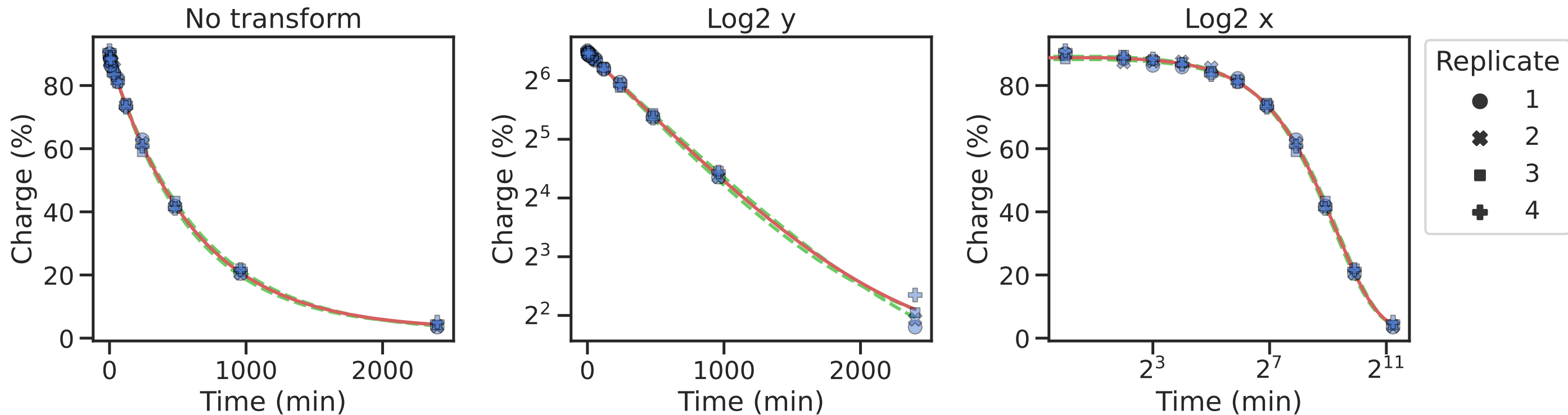
mito-Lys-TTT half-life=465 min, 95% CI (443; 491)



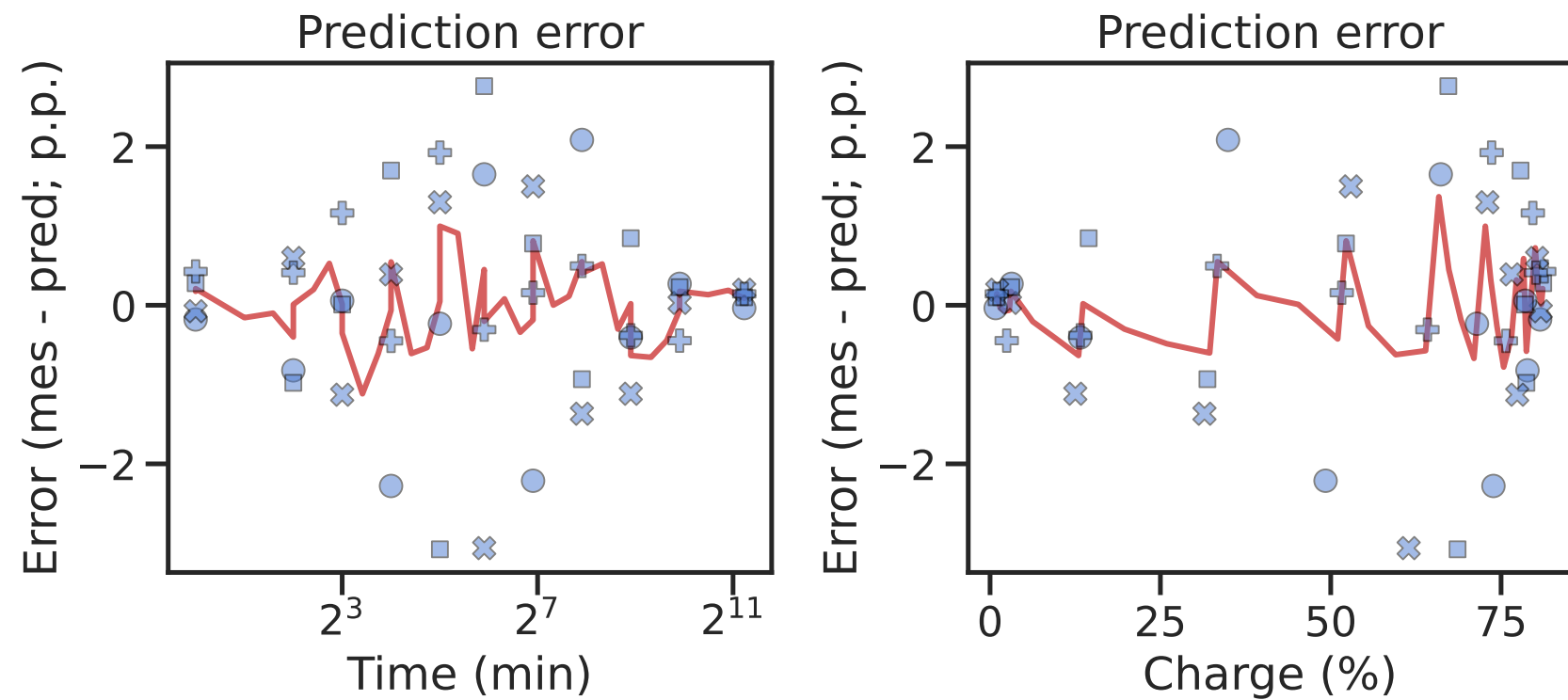
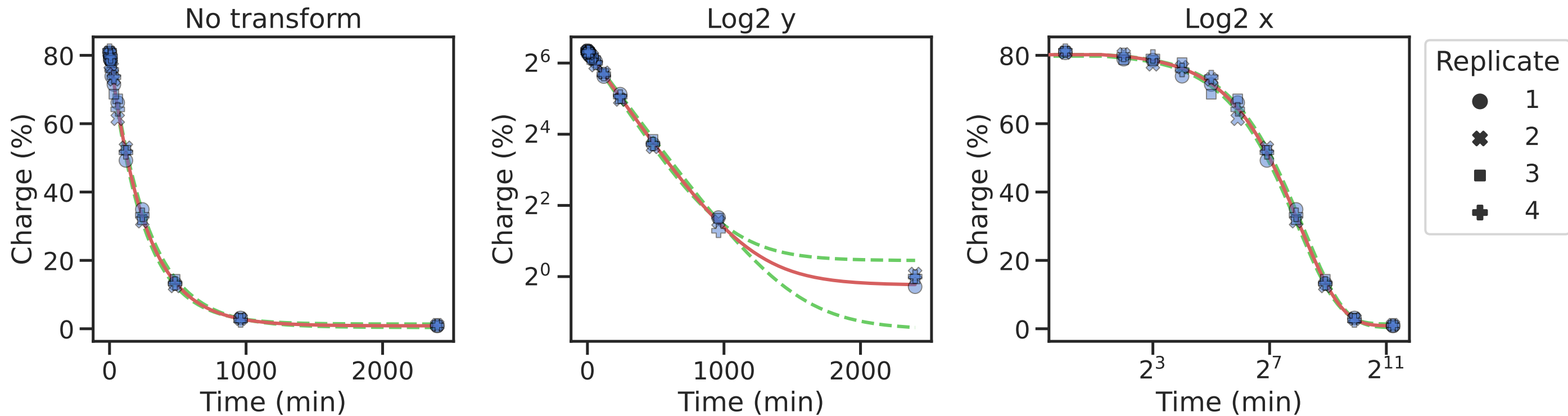
mito-Met-CAT half-life=1260 min, 95% CI (1212; 1311)



mito-Phe-GAA half-life=426 min, 95% CI (406; 451)

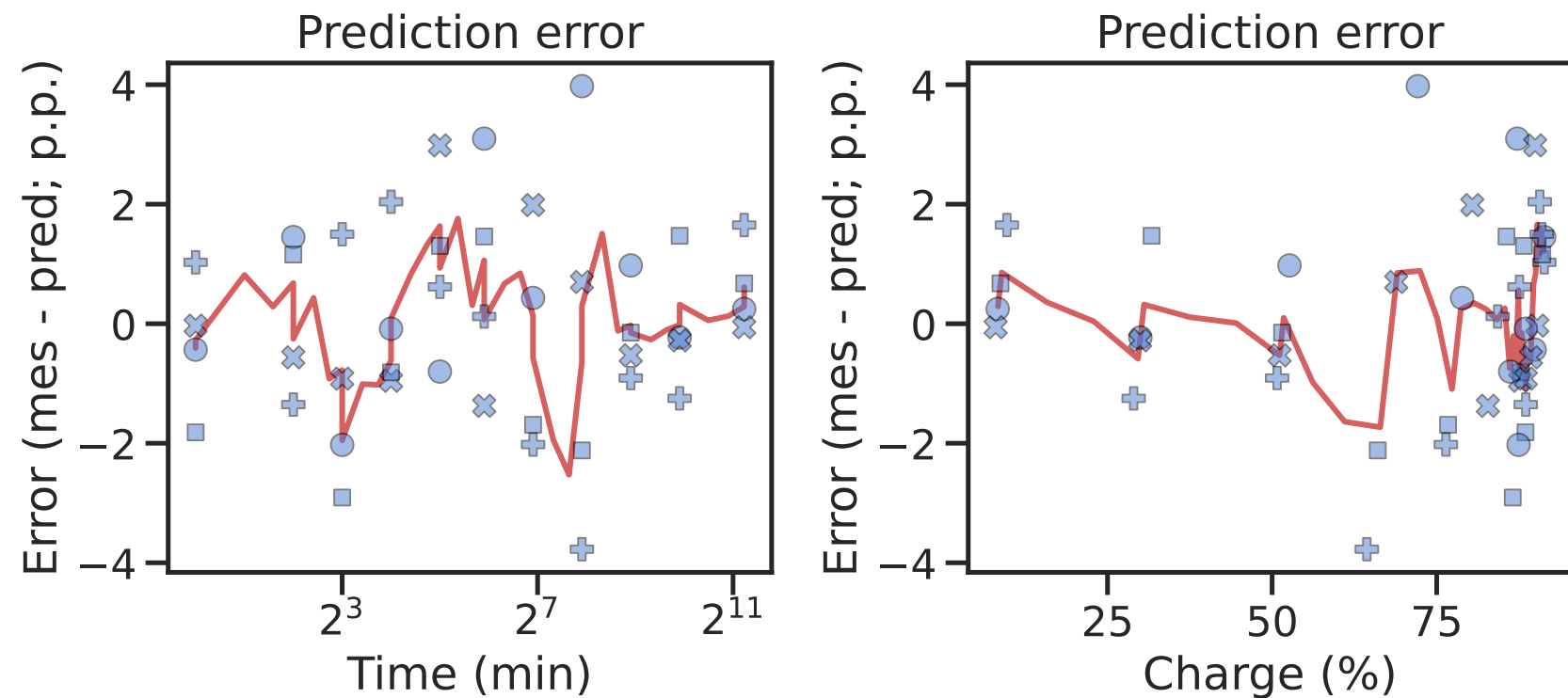
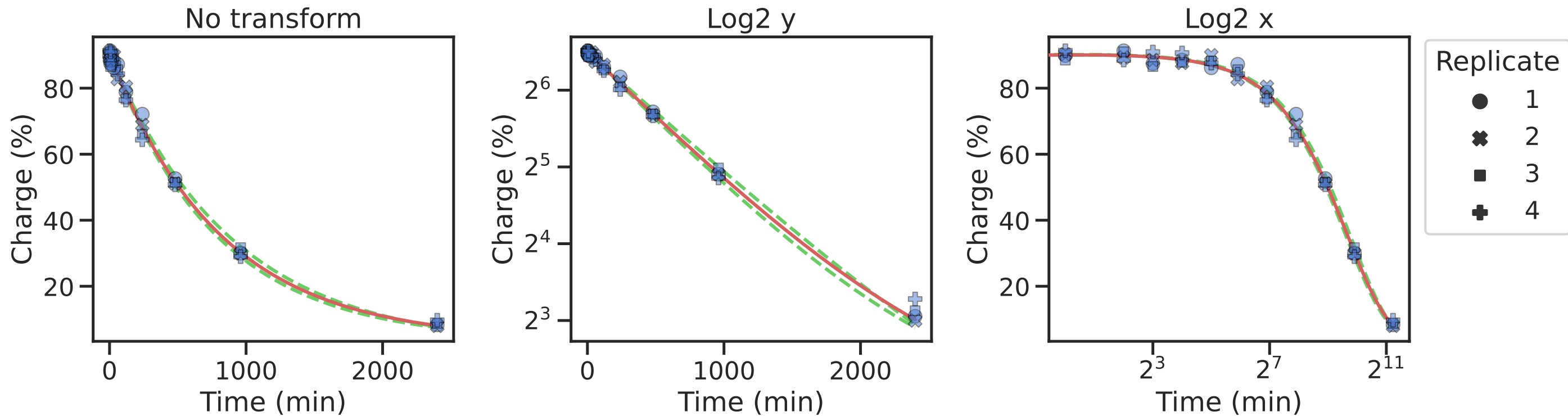


mito-Pro-TGG half-life=181 min, 95% CI (171; 194)

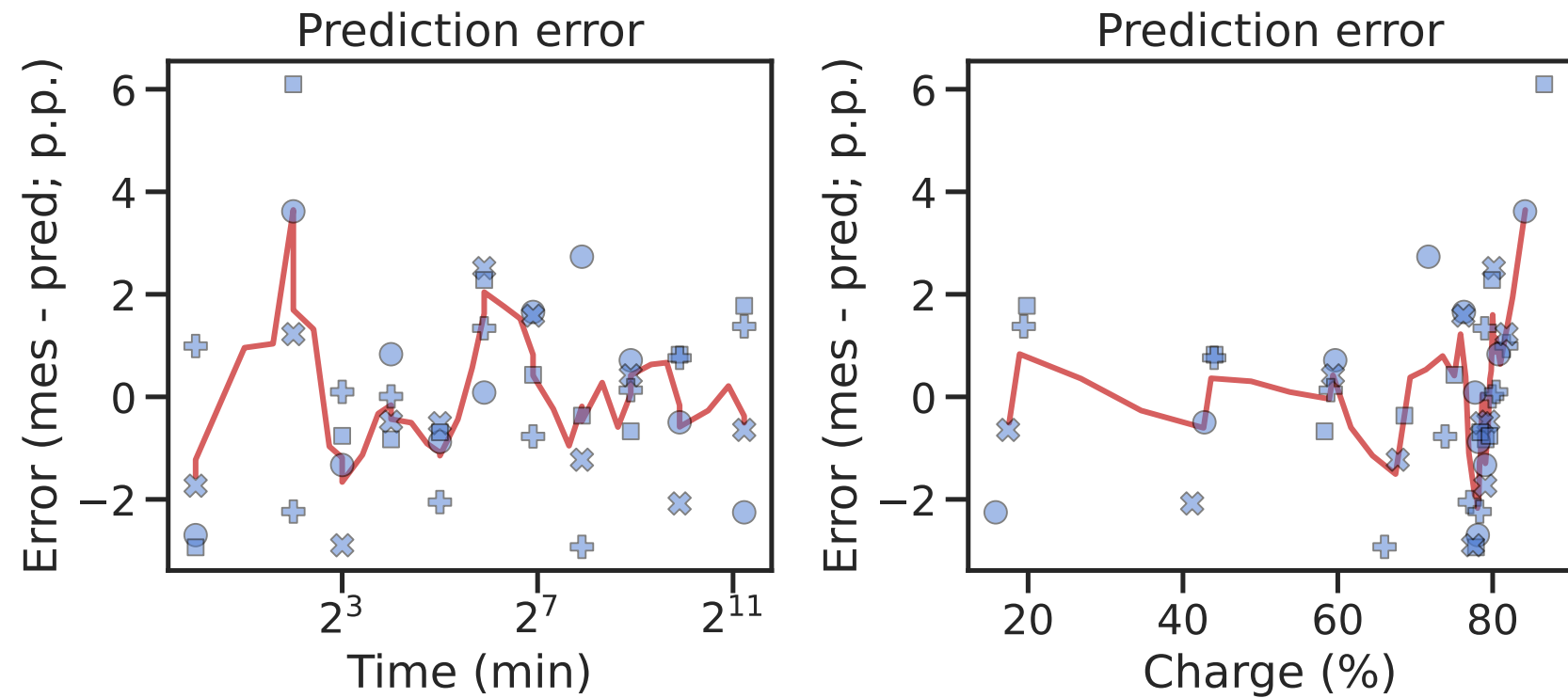
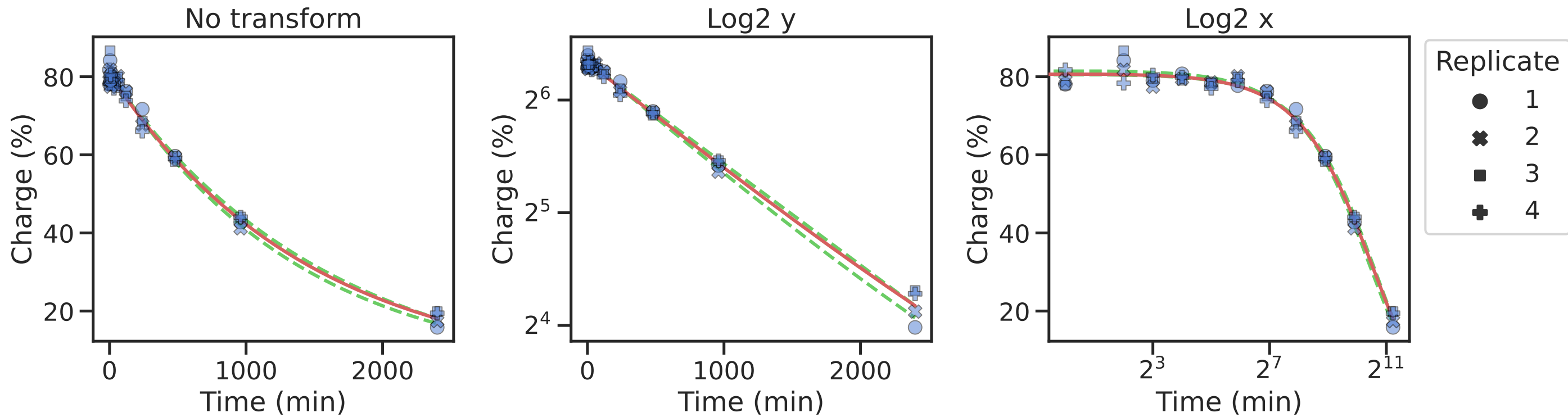




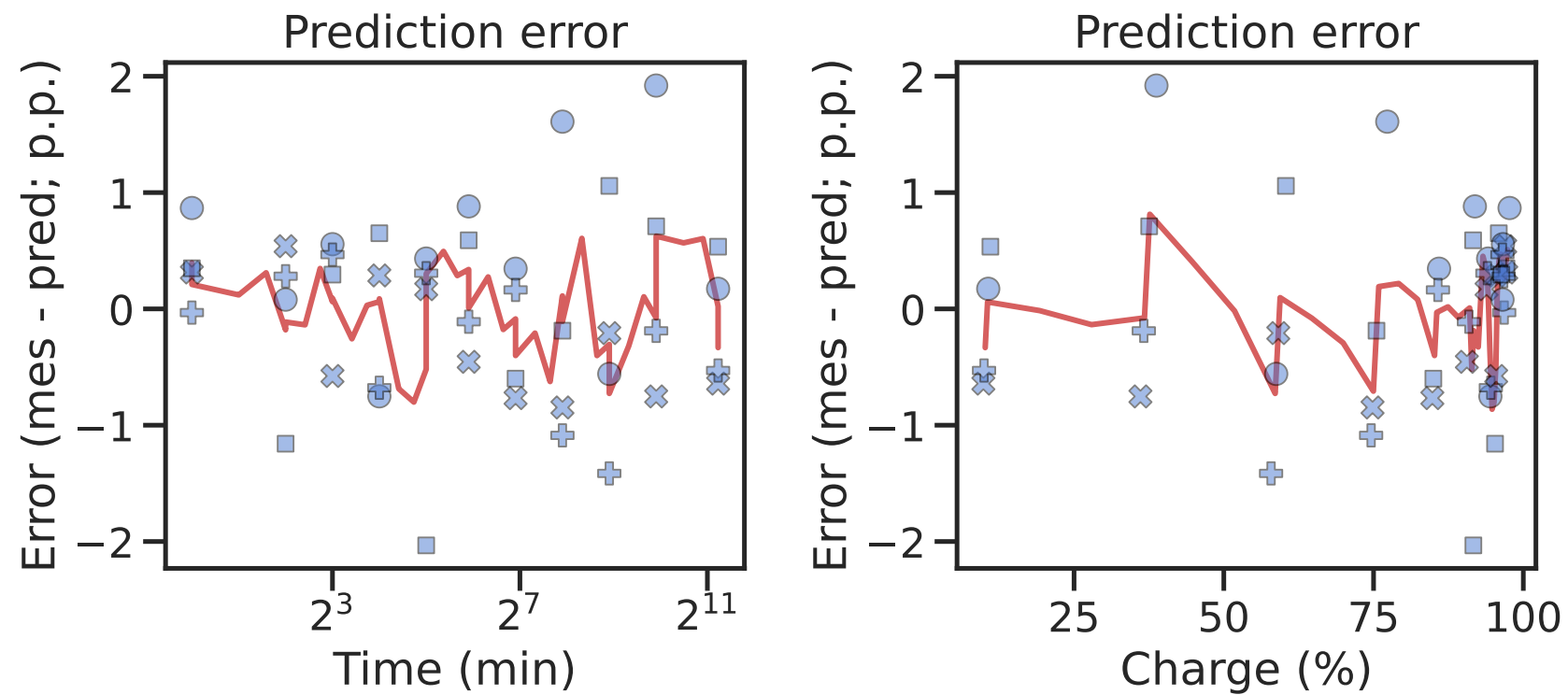
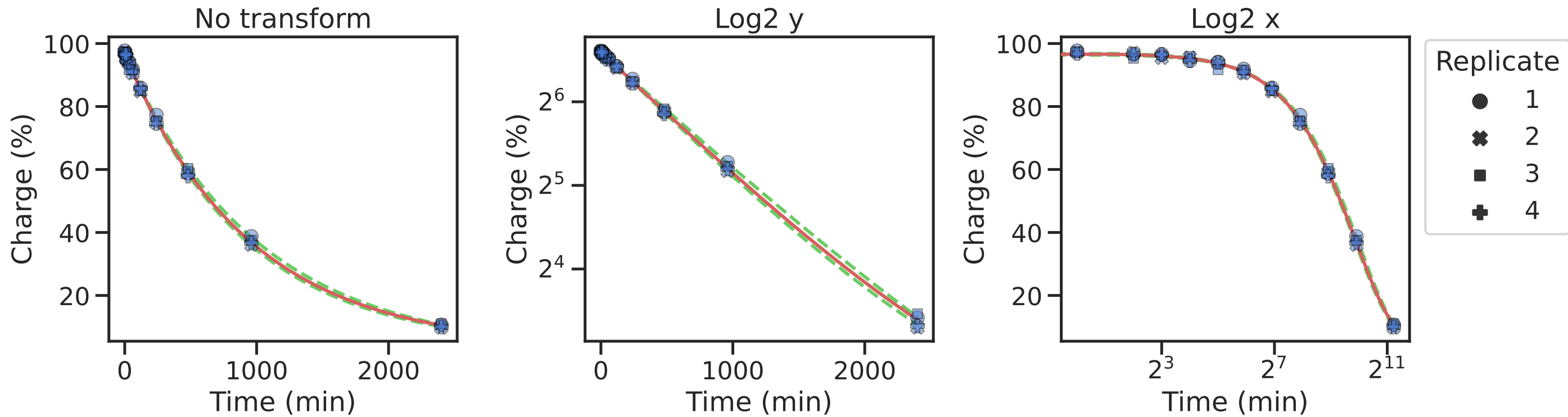
mito-Ser2-TGA half-life=565 min, 95% CI (541; 622)



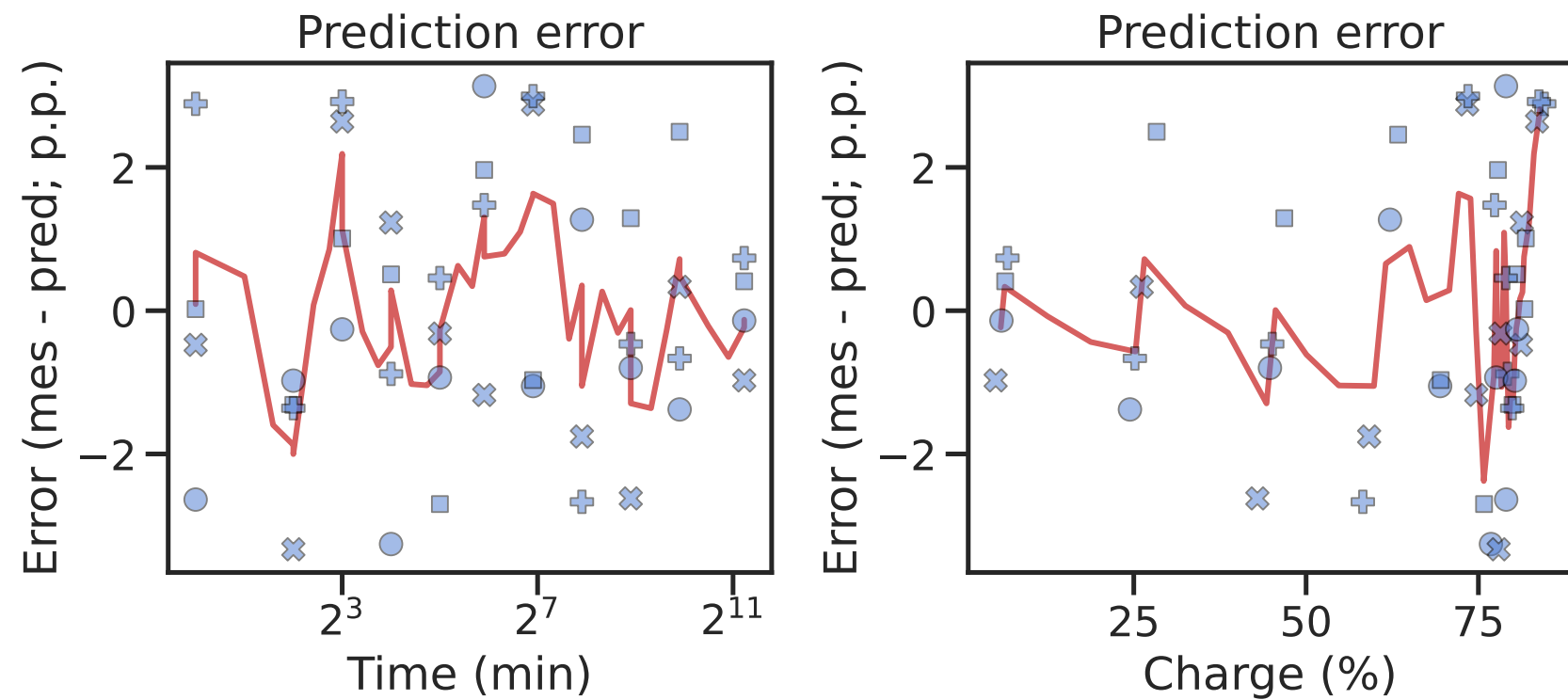
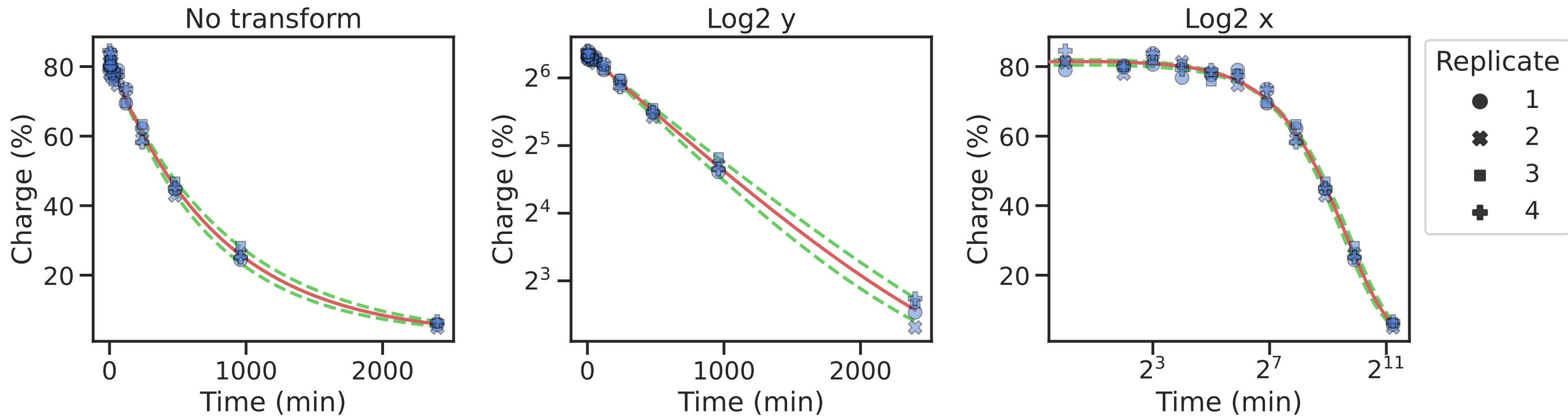
mito-Thr-TGT half-life=1008 min, 95% CI (939; 1112)



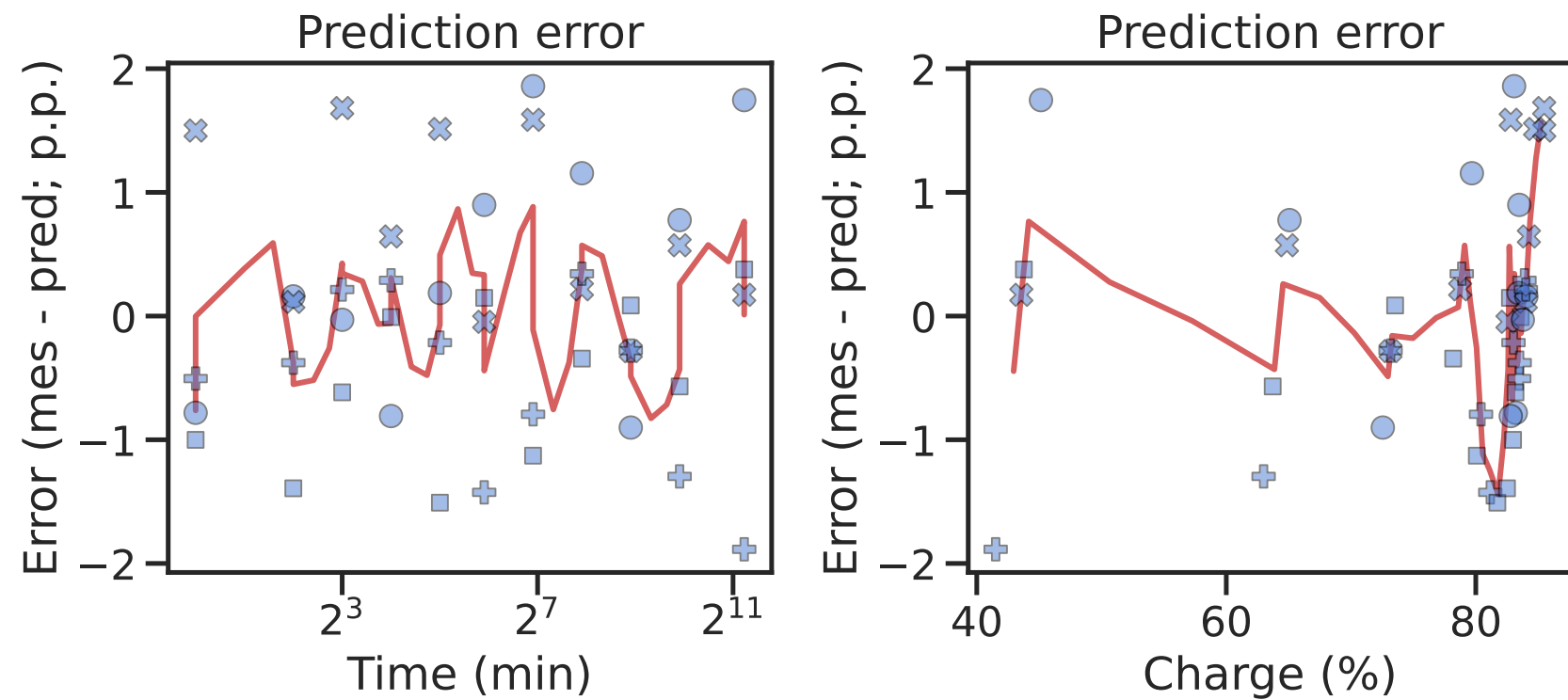
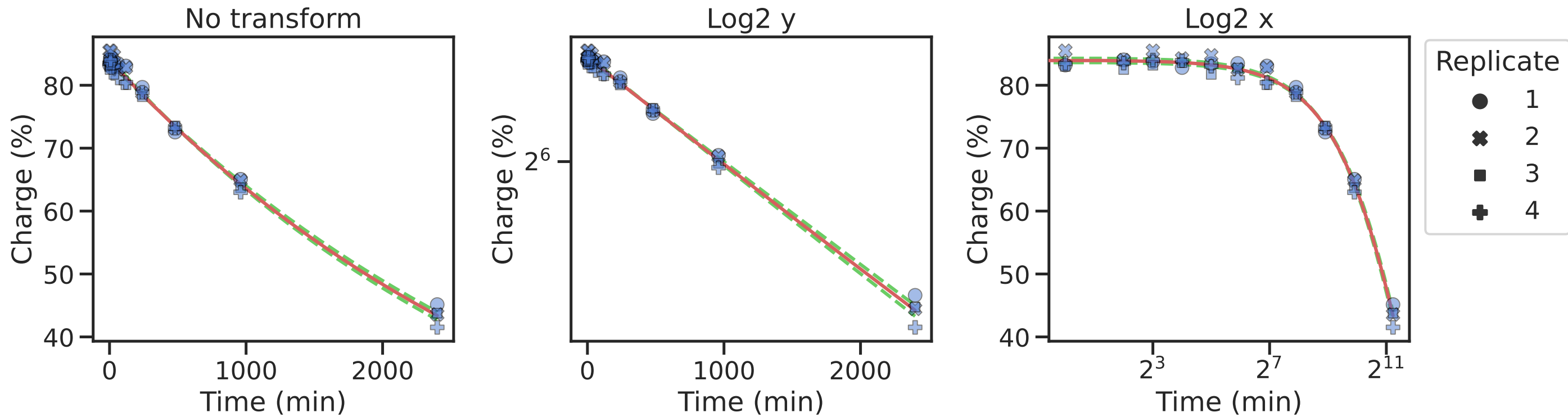
mito-Trp-TCA half-life=649 min, 95% CI (627; 699)



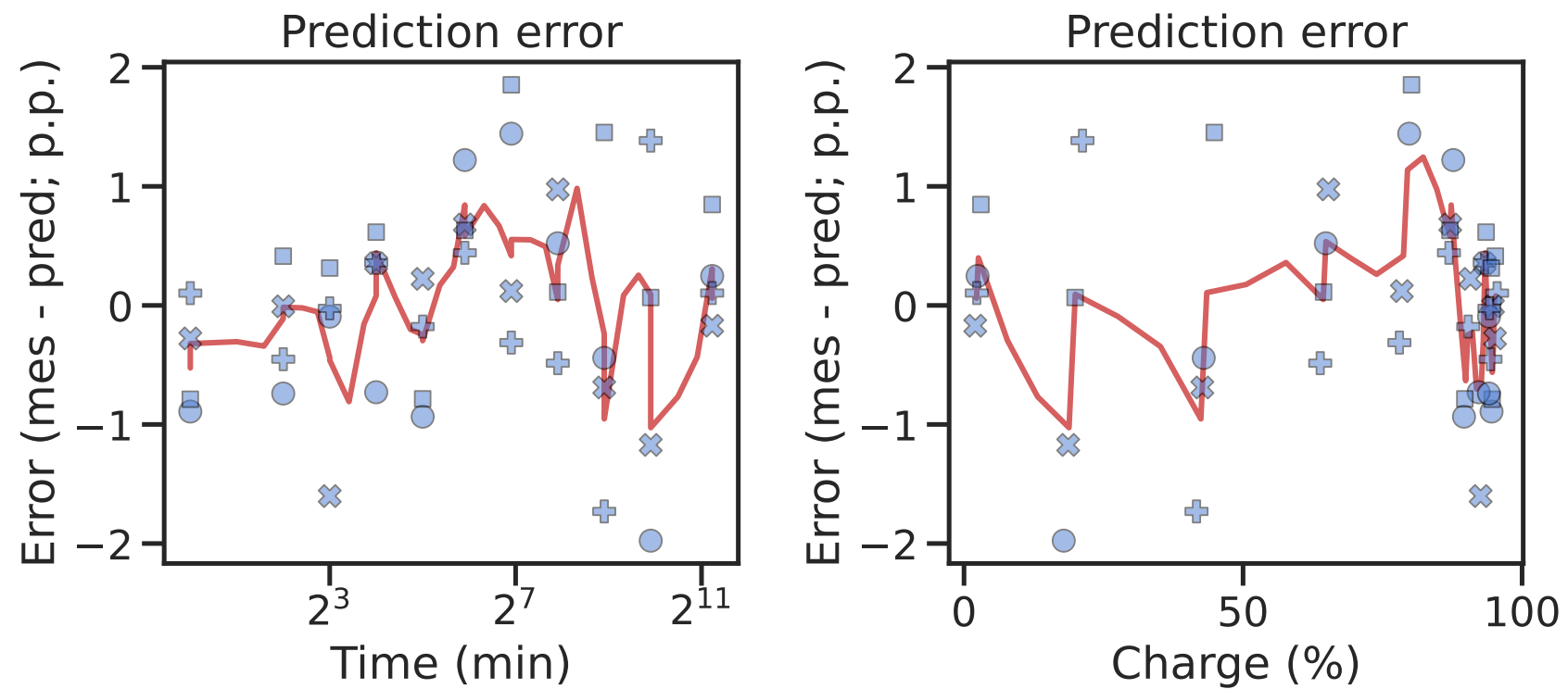
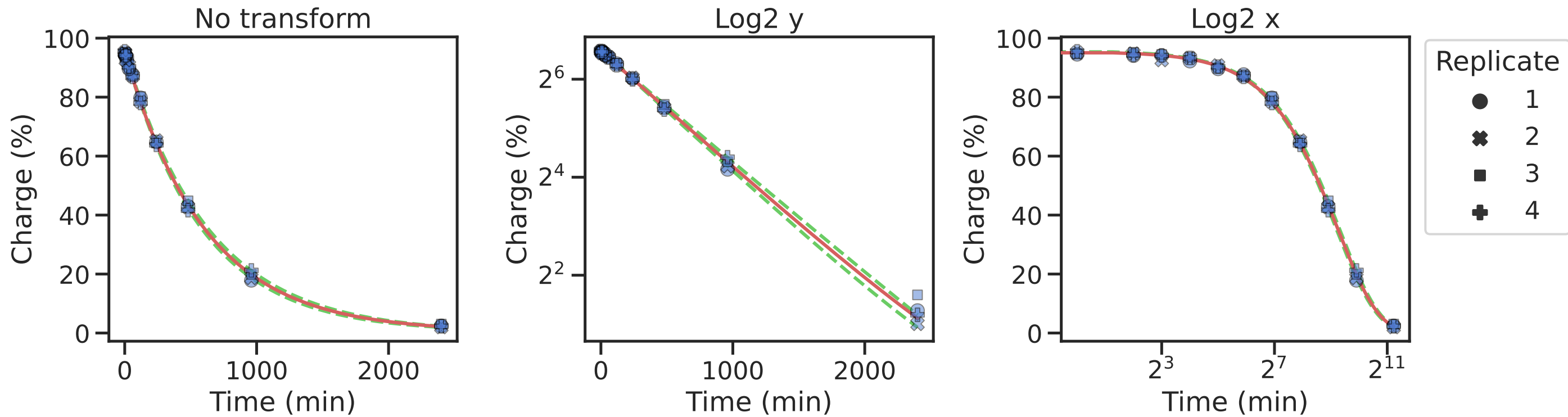
mito-Tyr-GTA half-life=550 min, 95% CI (499; 611)



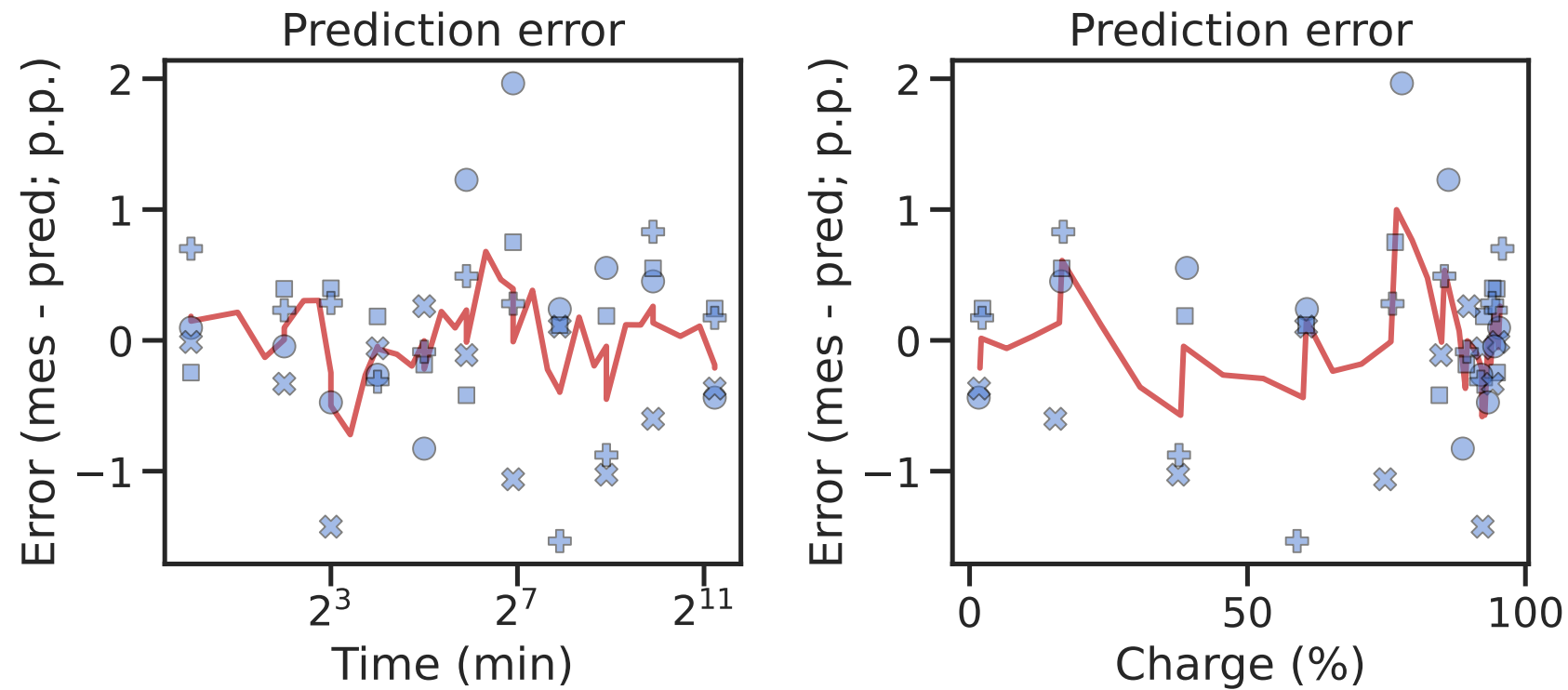
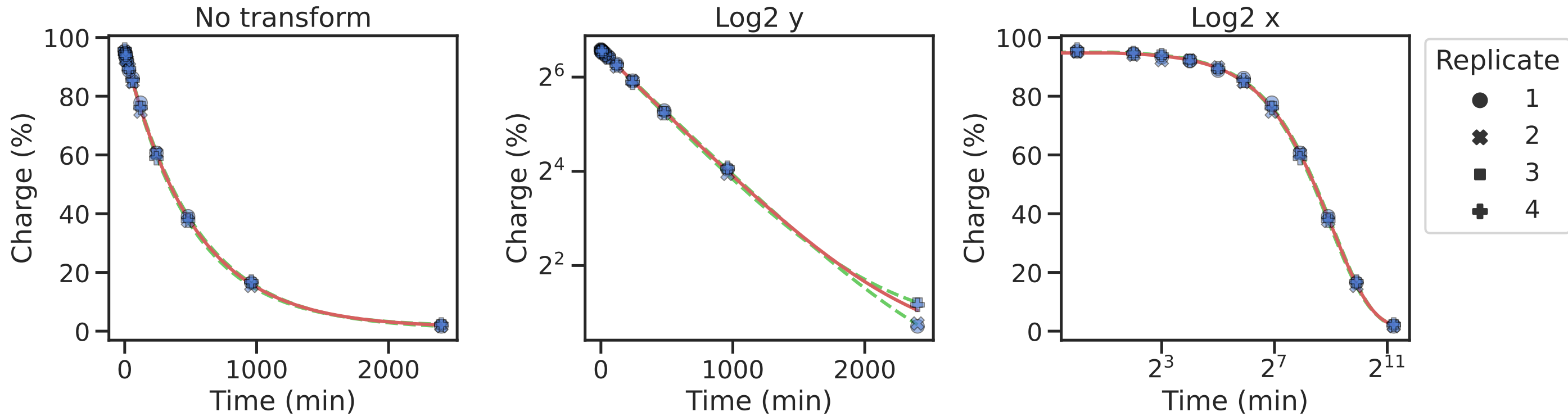
mito-Val-TAC half-life=2371 min, 95% CI (2301; 2586)



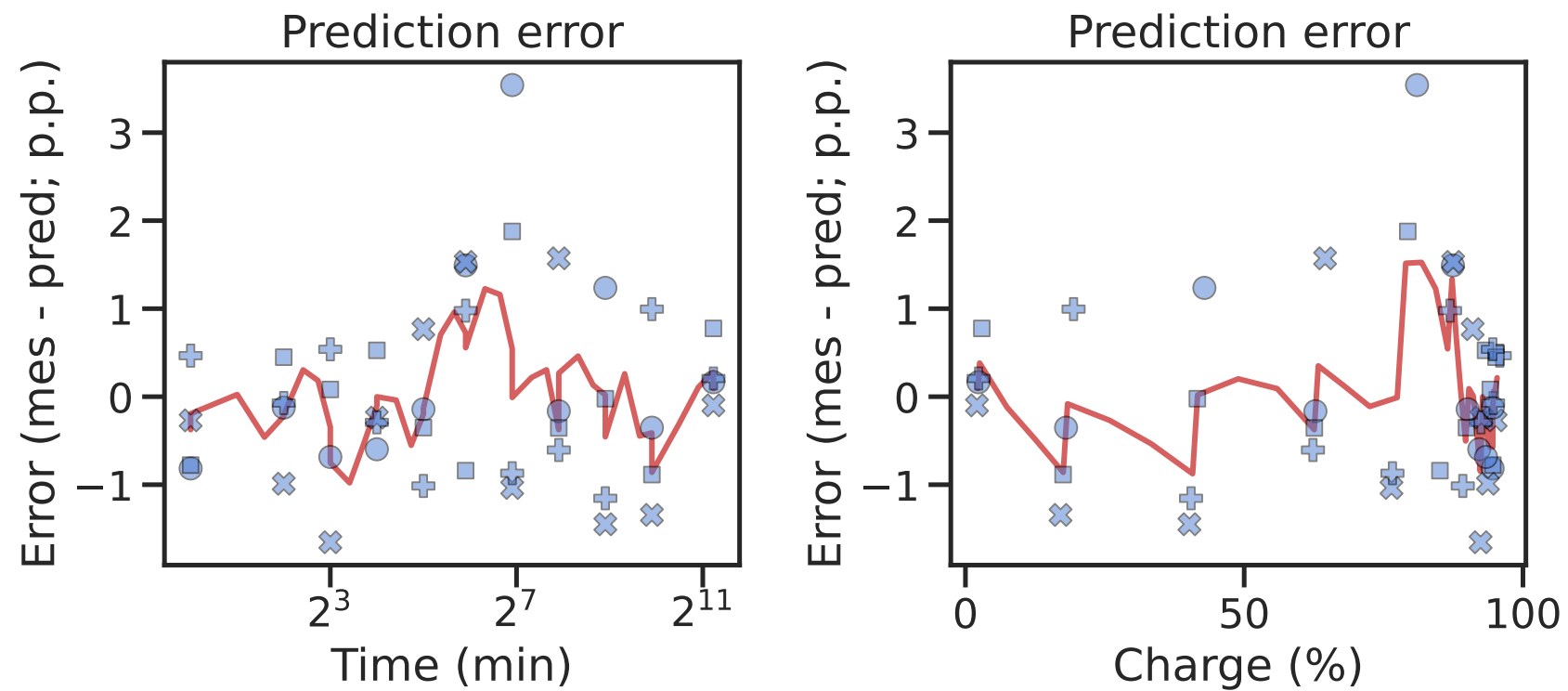
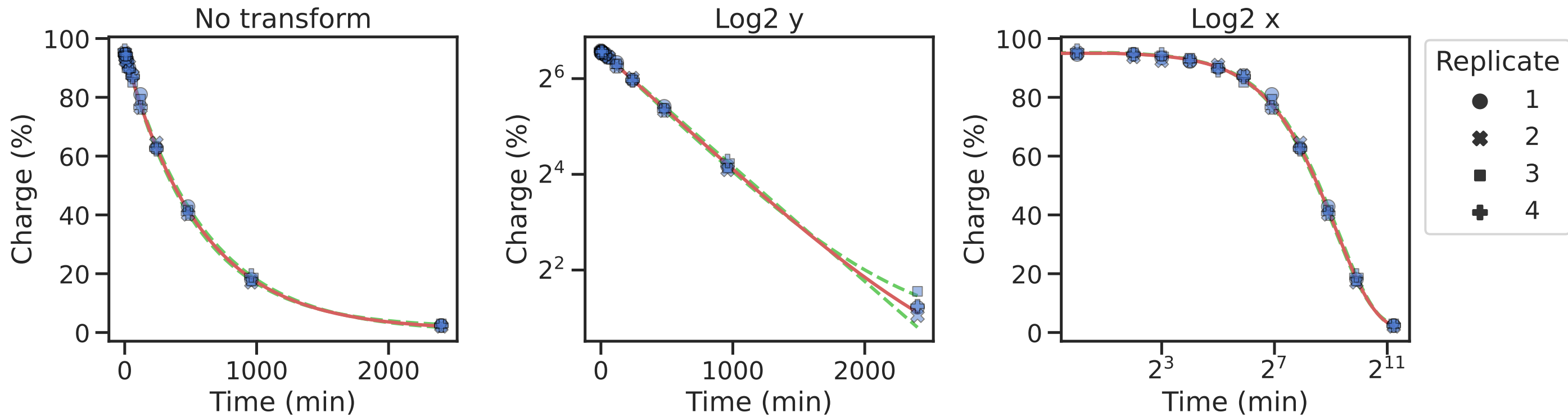
Ala-AGC-1-1 half-life=420min, 95% CI (404; 440)



Ala-AGC-11-1 half-life=361 min, 95% CI (346; 372)

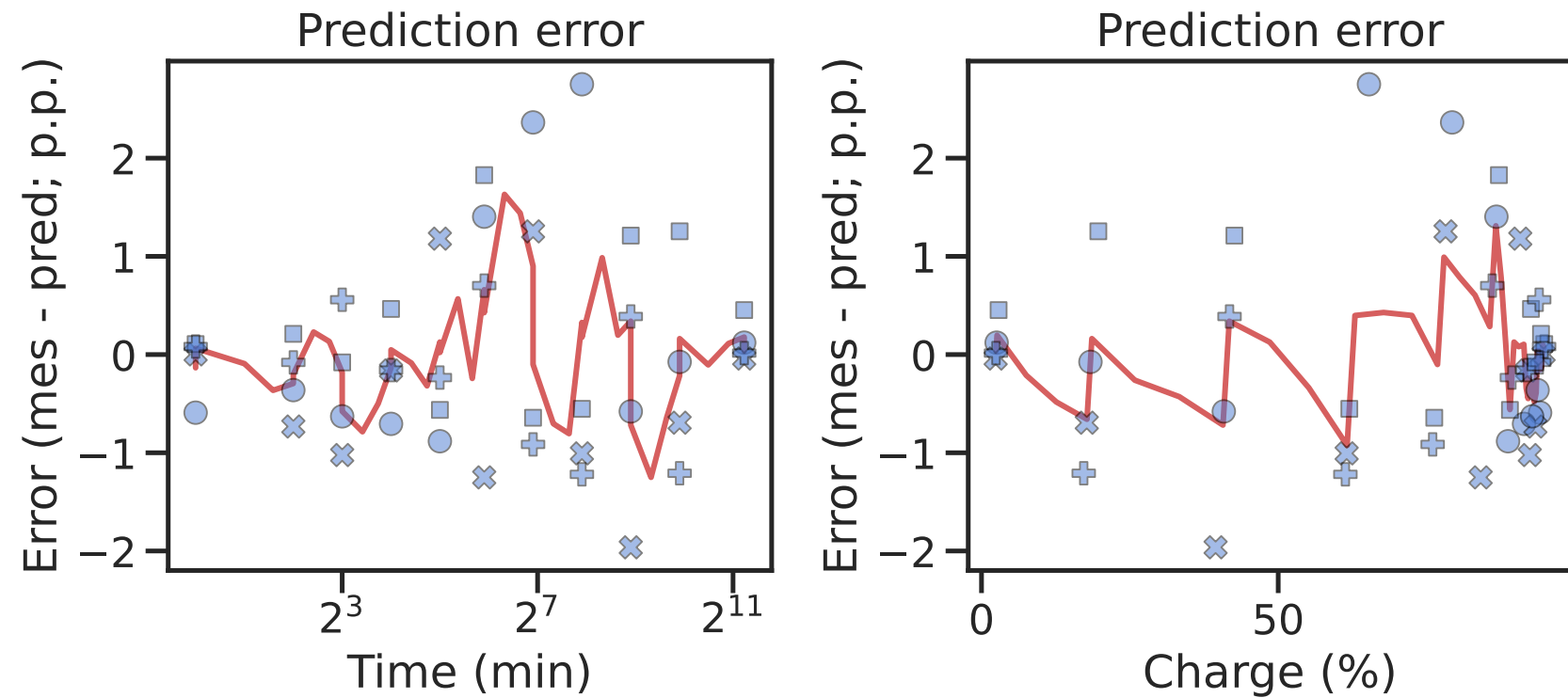
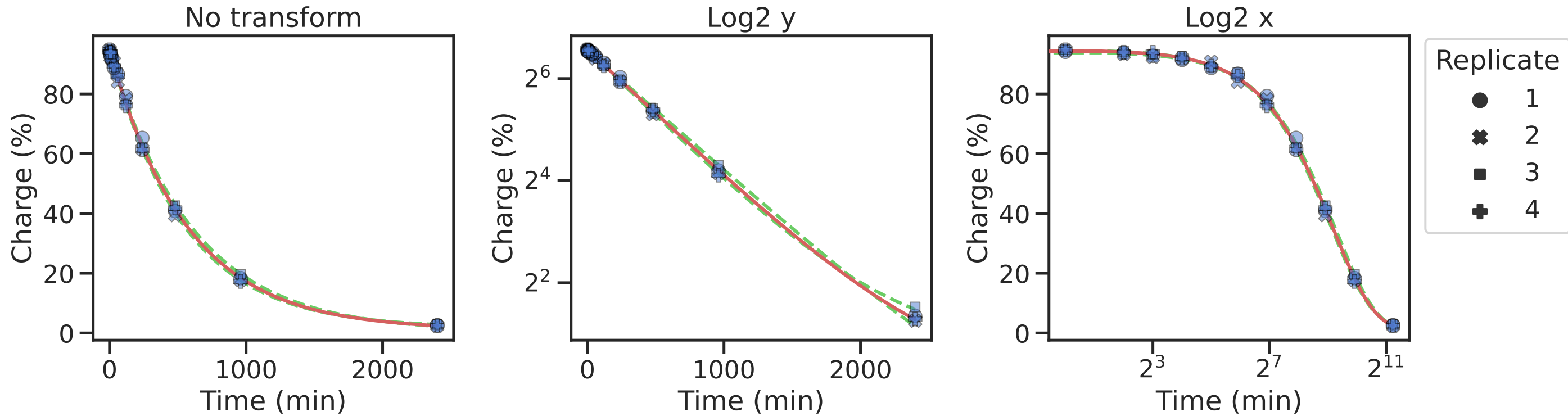


Ala-AGC-2-3 half-life=396min, 95% CI (378; 416)

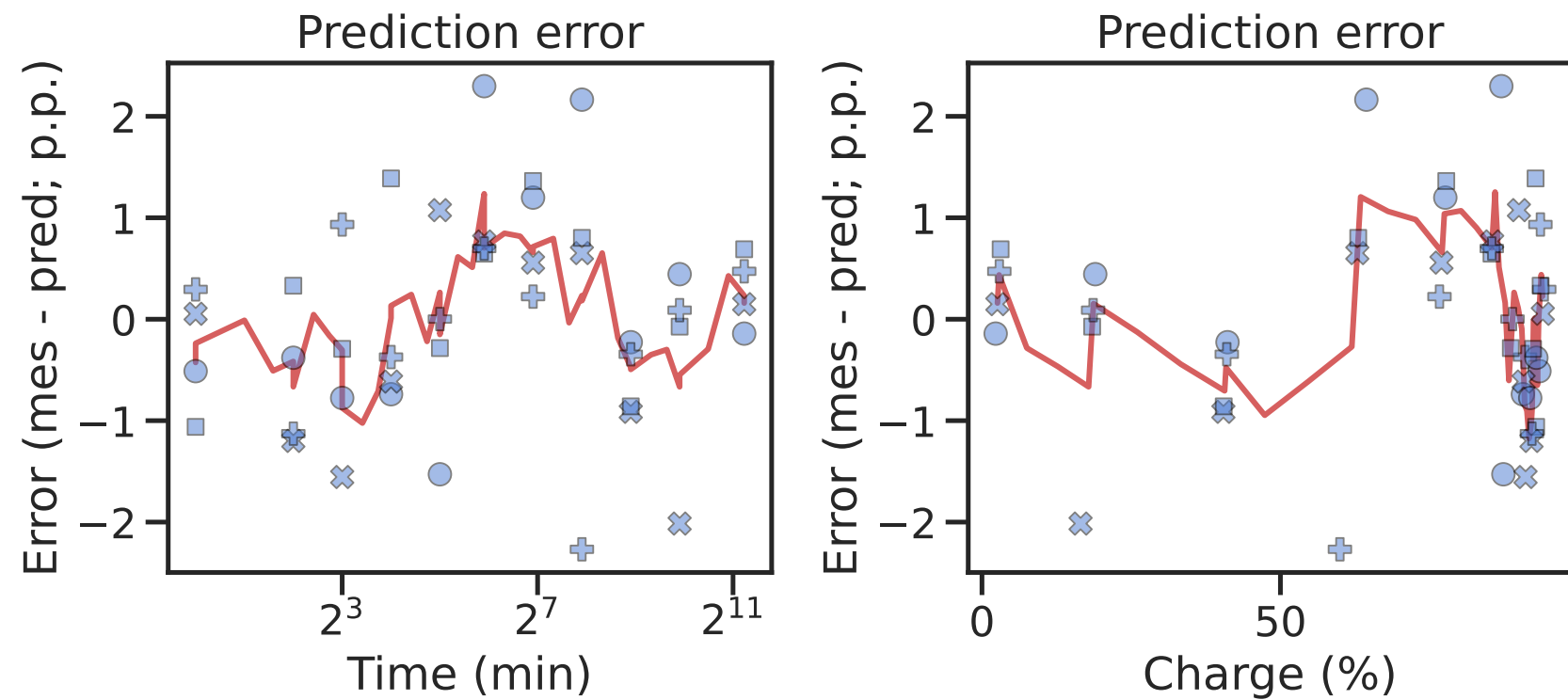
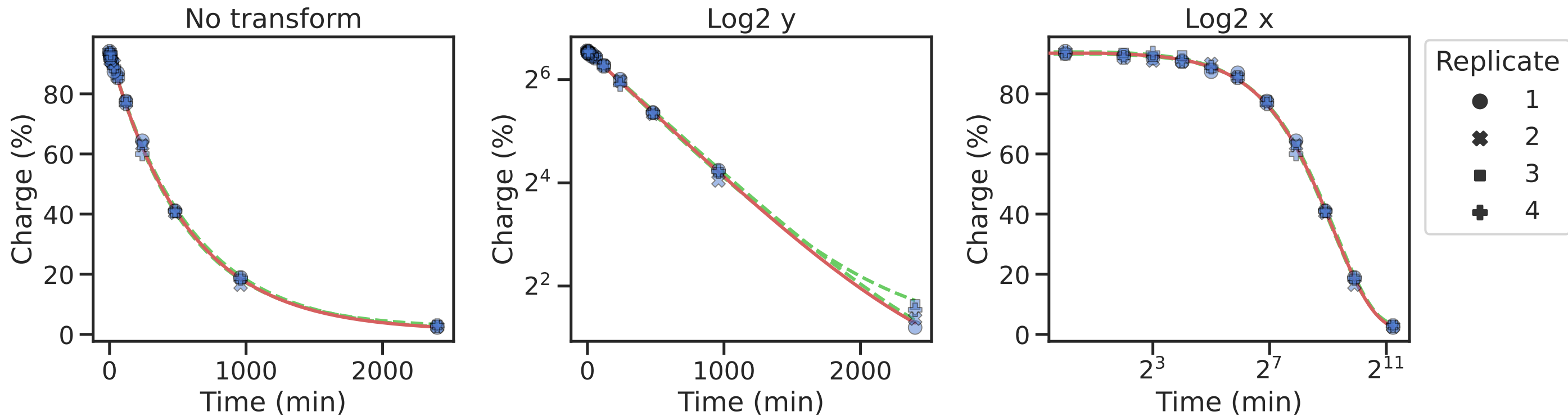




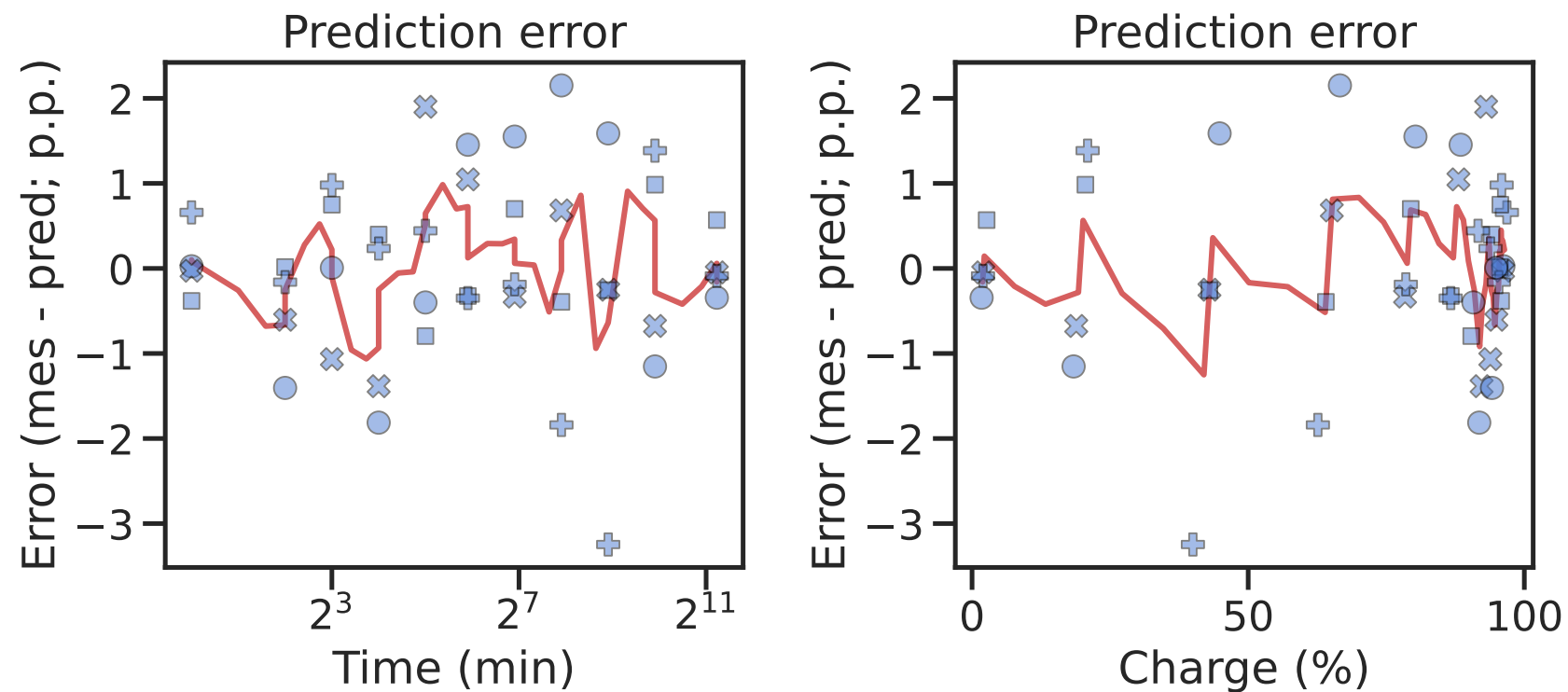
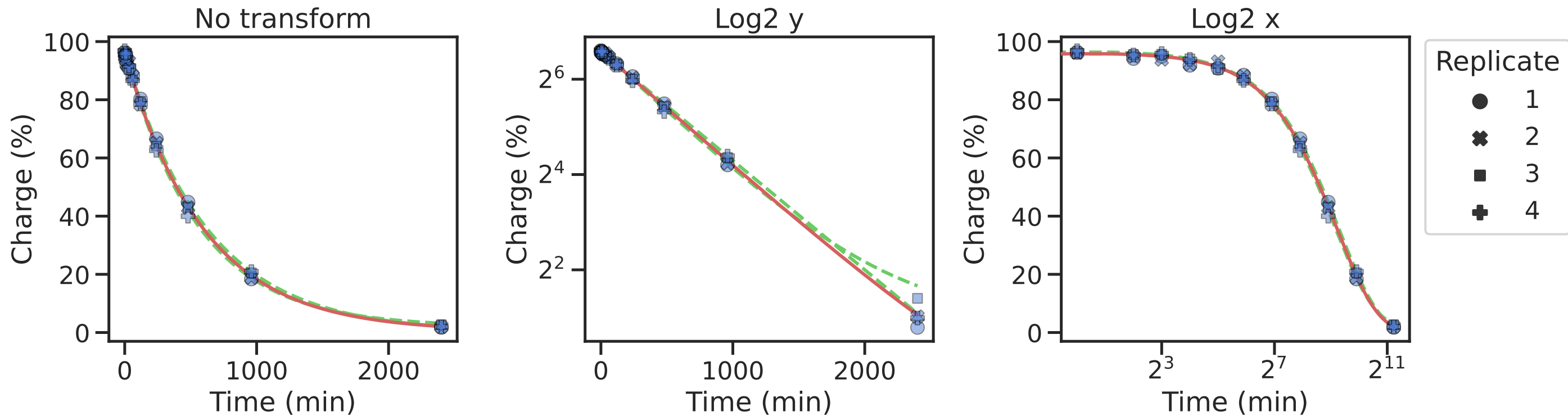
Ala-AGC-3-1 half-life=395 min, 95% CI (377; 422)



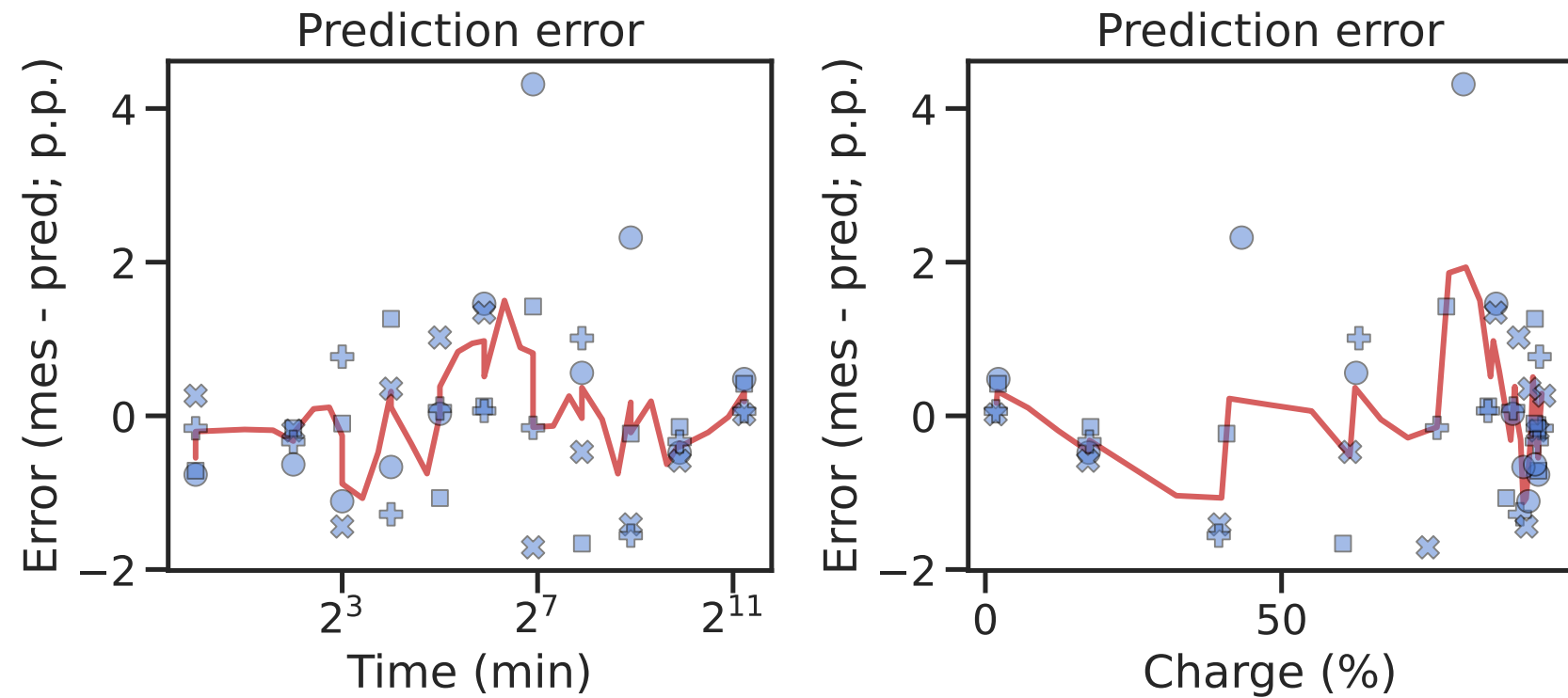
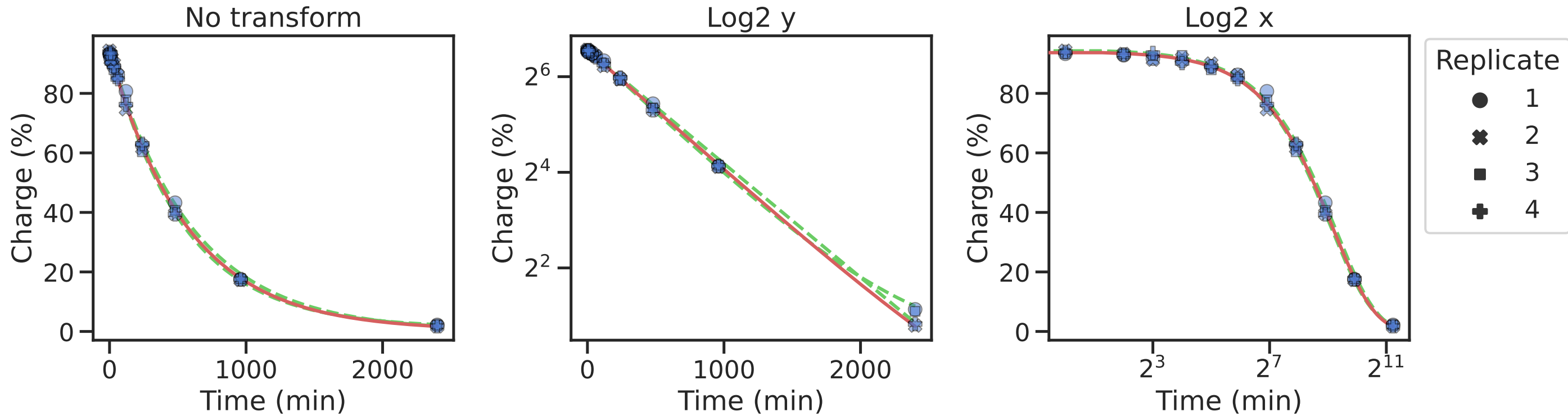
Ala-AGC-4-1 half-life=399min, 95% CI (382; 413)



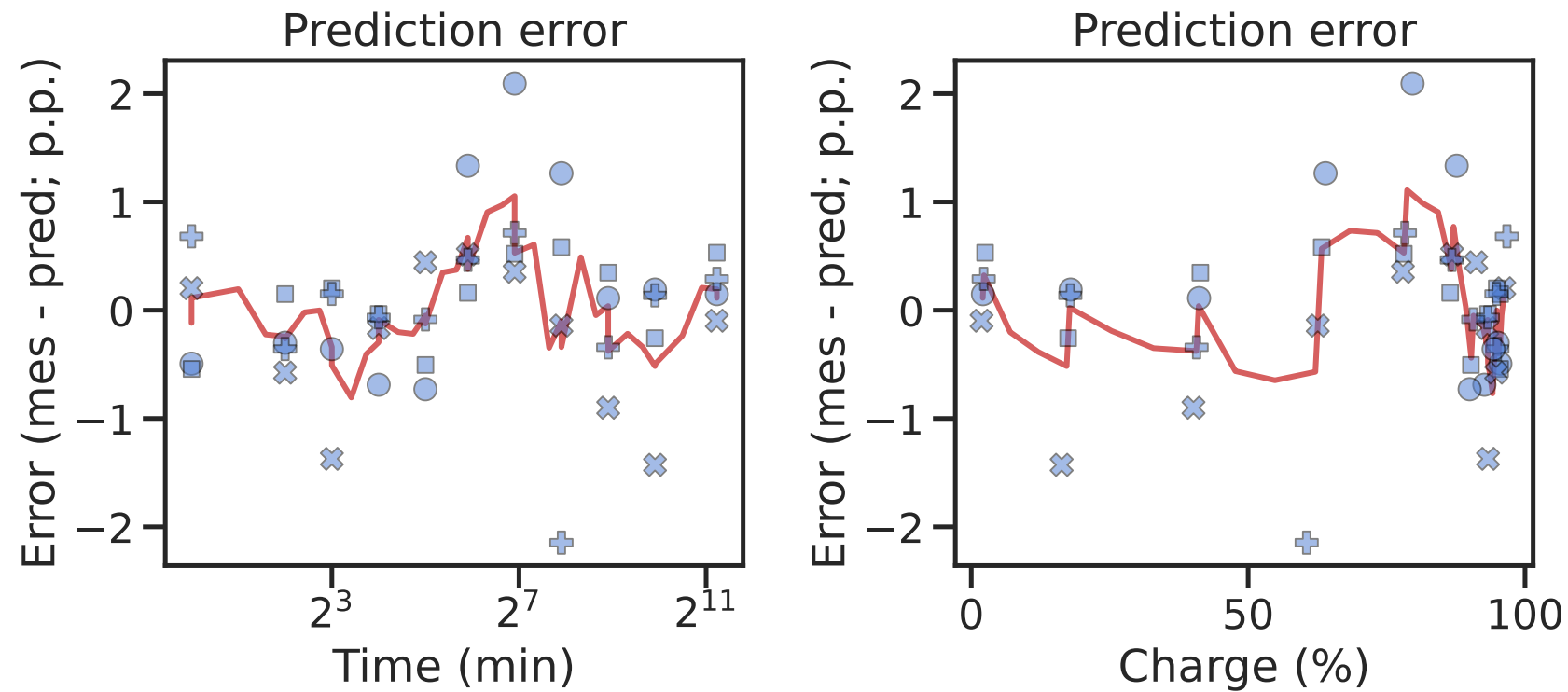
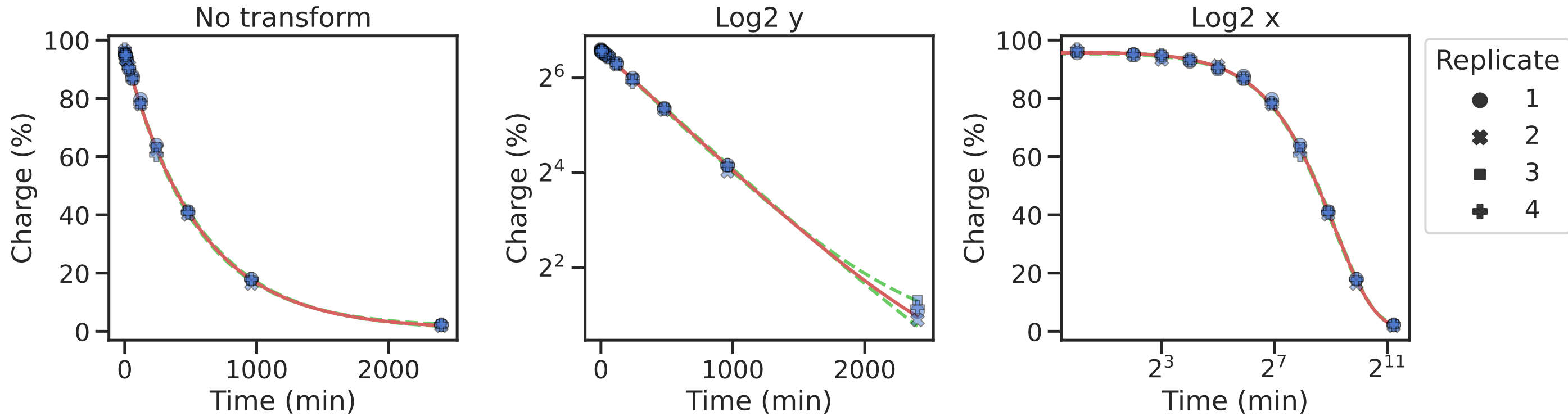
Ala-AGC-5-1 half-life=414min, 95% CI (385; 436)



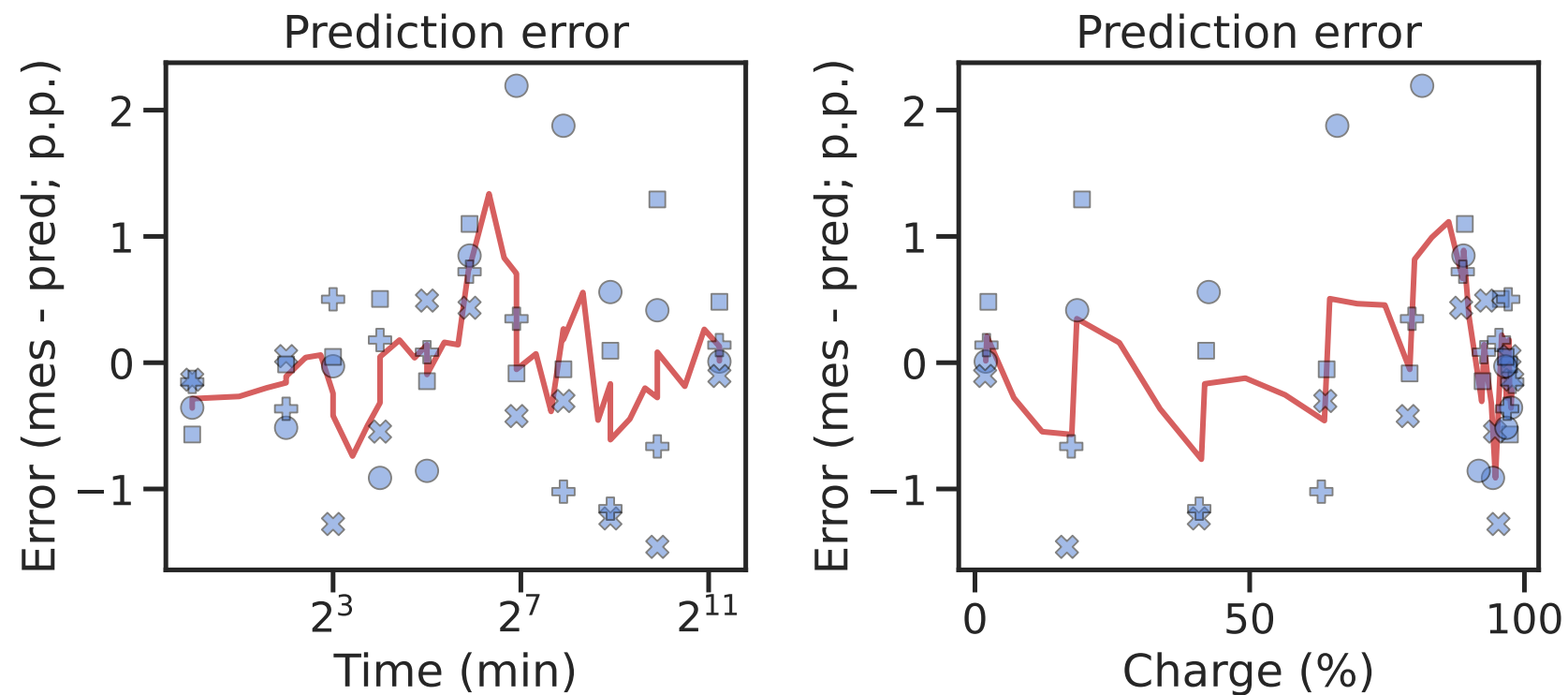
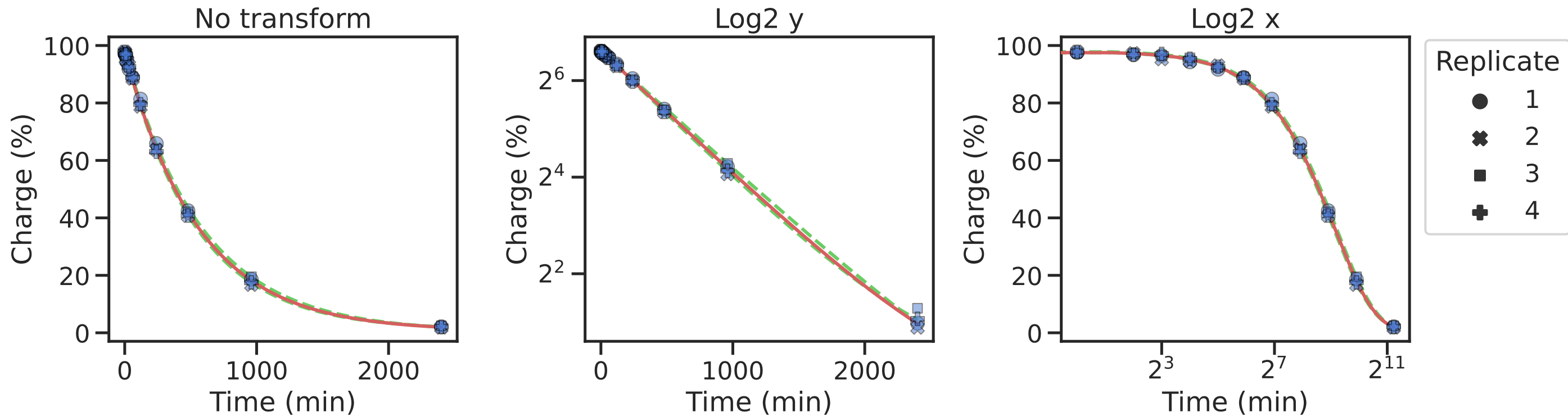
Ala-AGC-6-1 half-life=398min, 95% CI (375; 420)



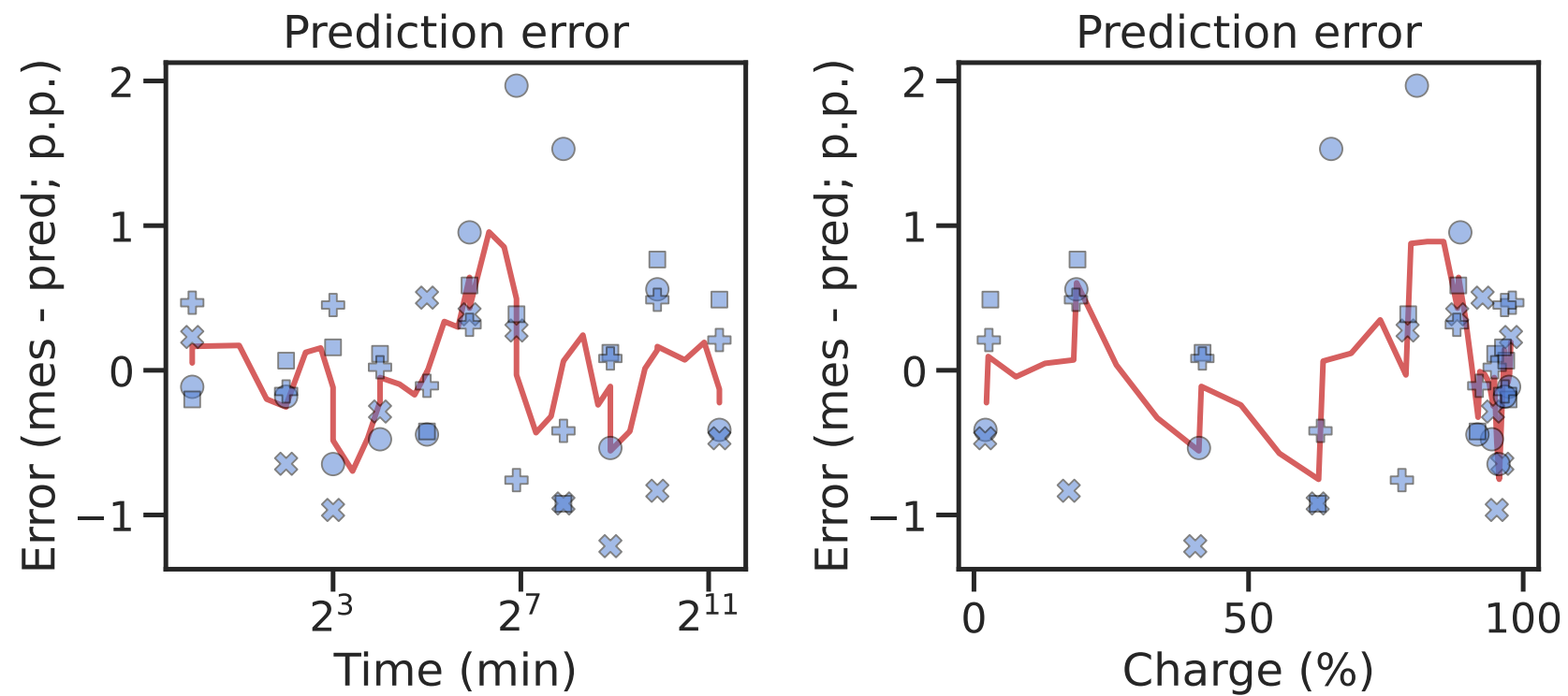
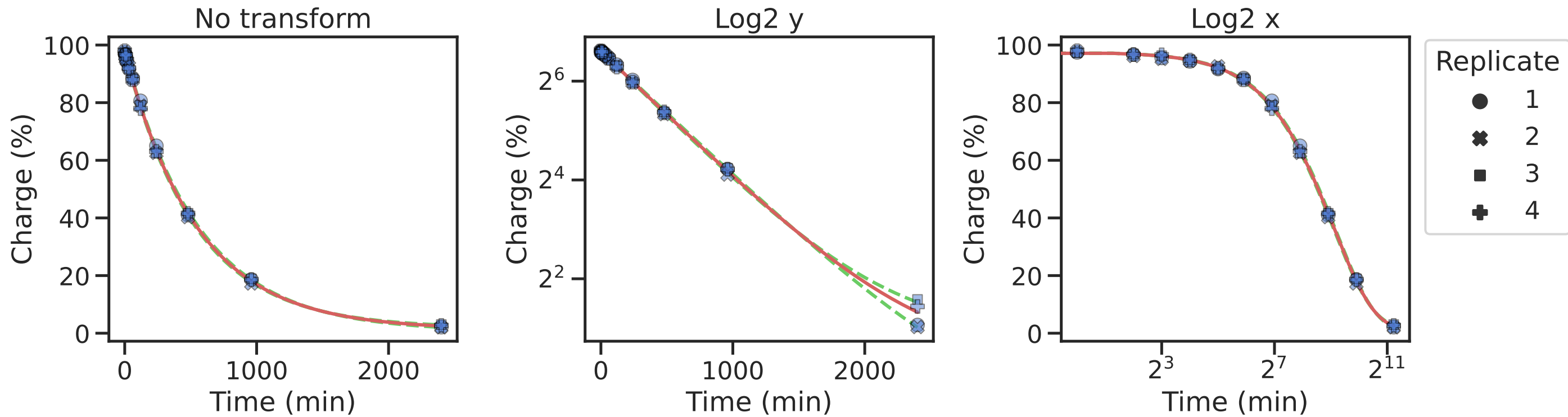
Ala-AGC-8-1 half-life=387min, 95% CI (374; 398)



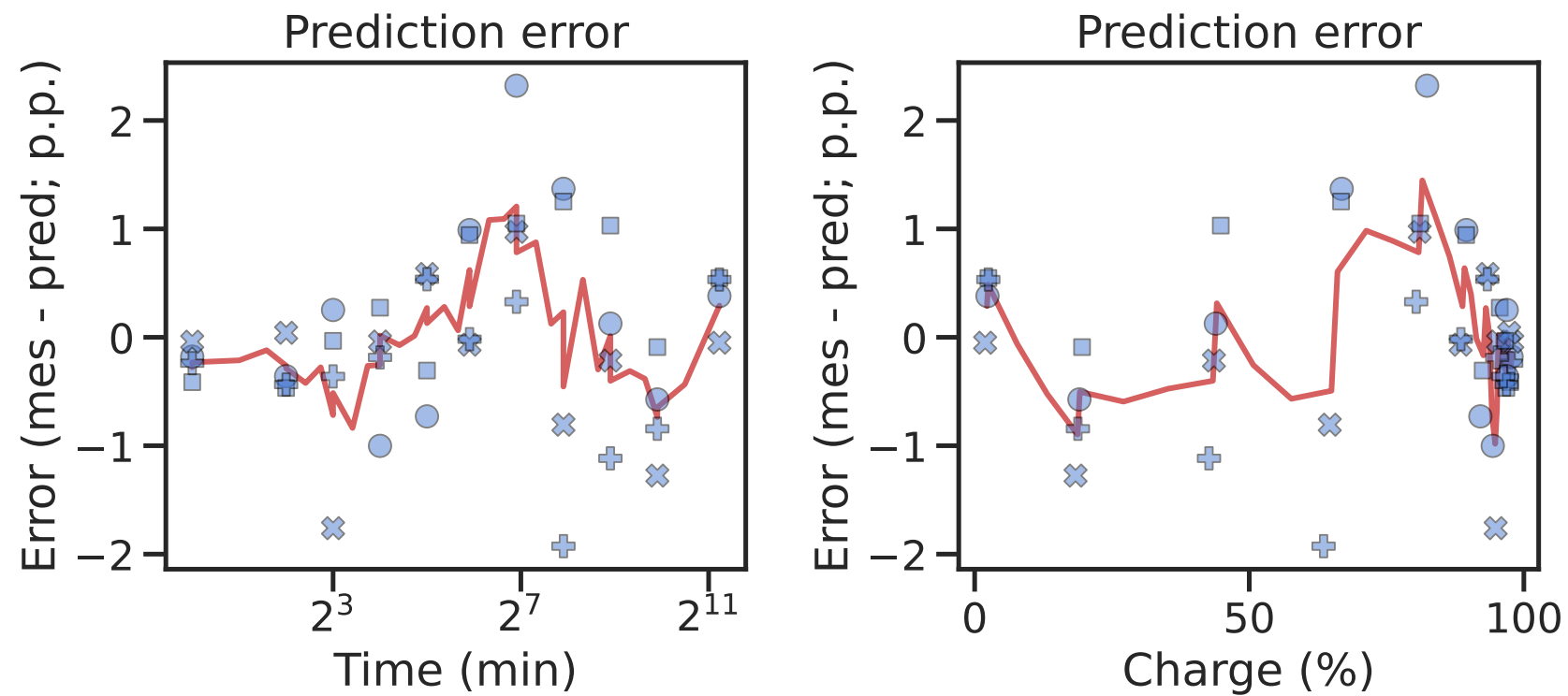
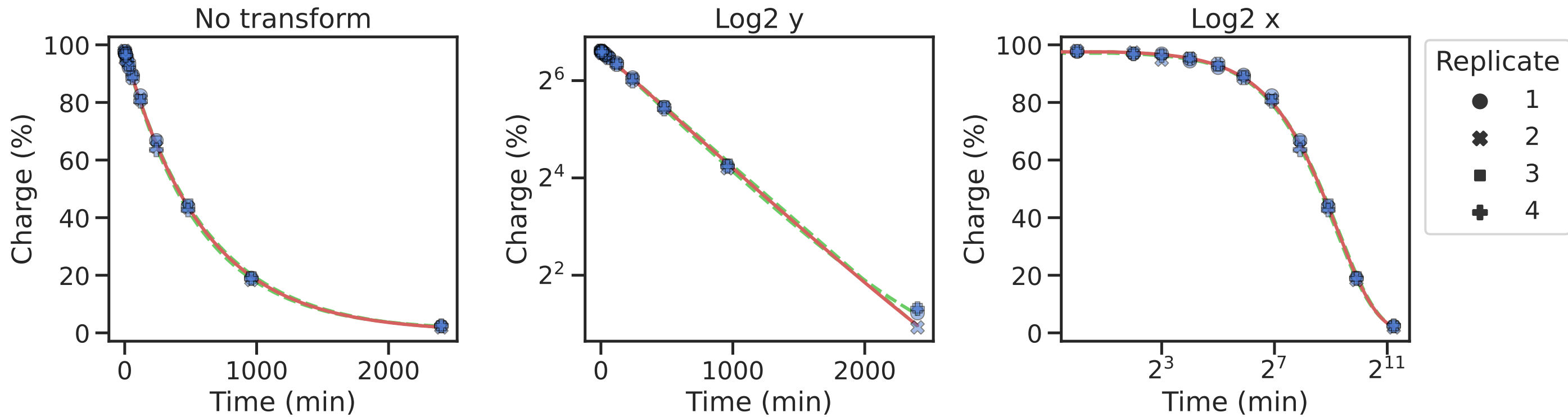
Ala-CGC-1-1 half-life=389 min, 95% CI (376; 408)



Ala-CGC-2-1 half-life=381 min, 95% CI (371; 395)

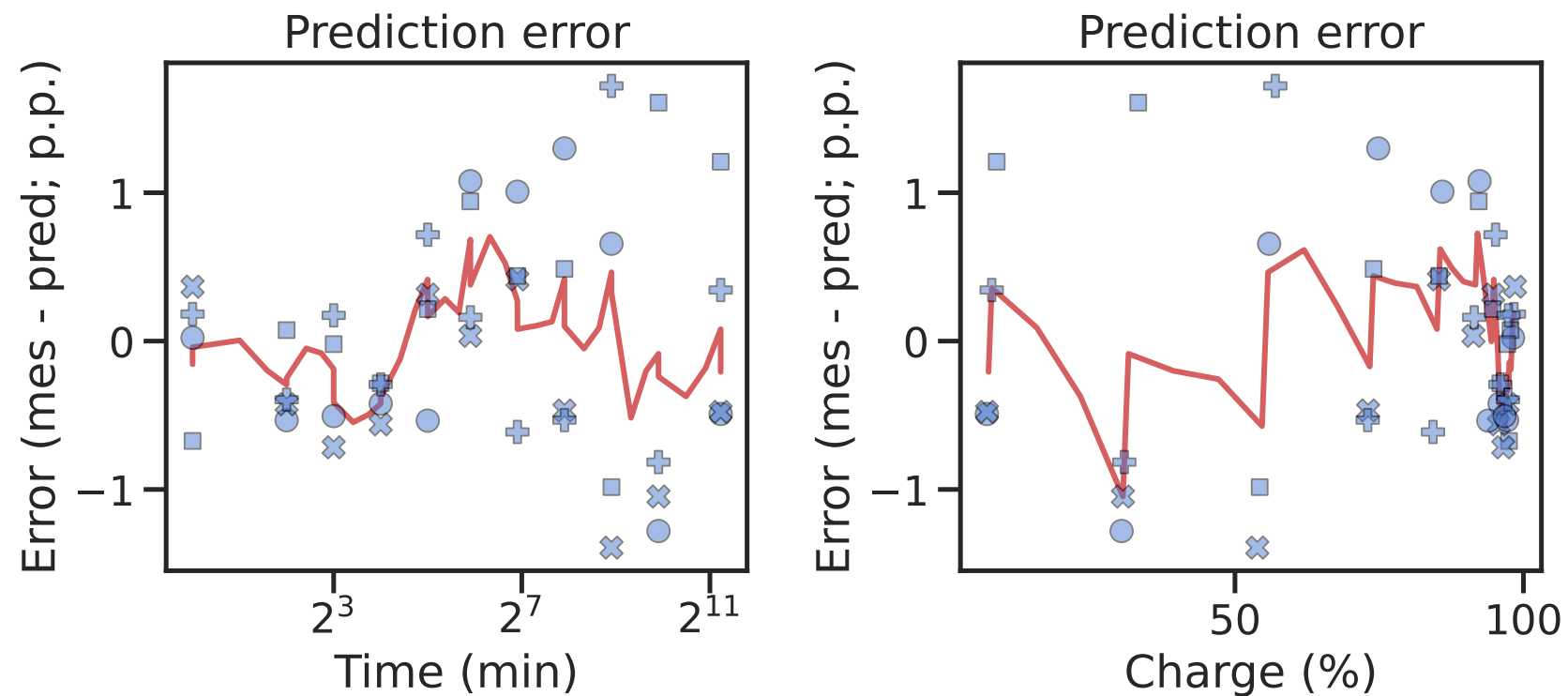
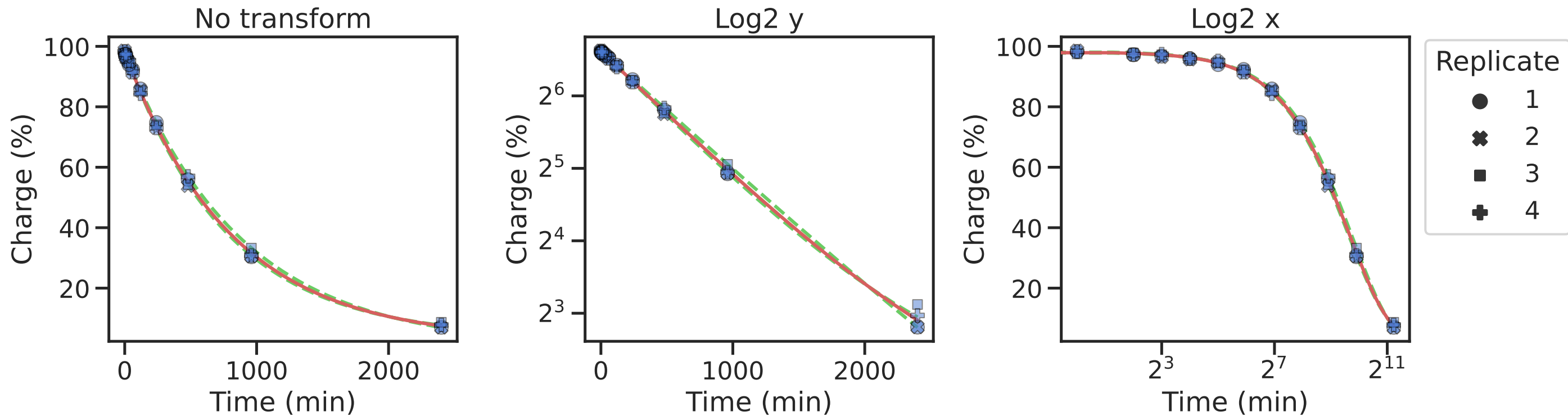


Ala-CGC-3-1 half-life=412min, 95% CI (393; 424)

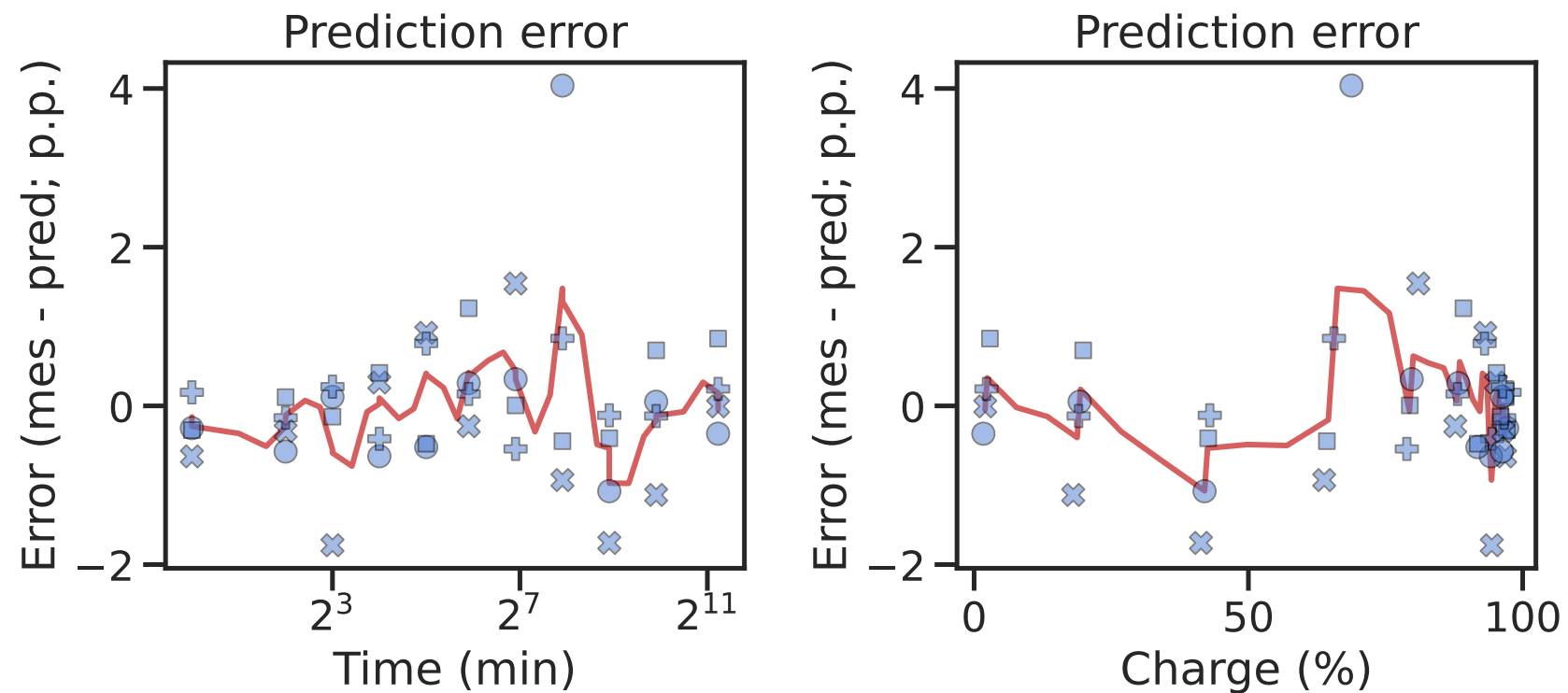
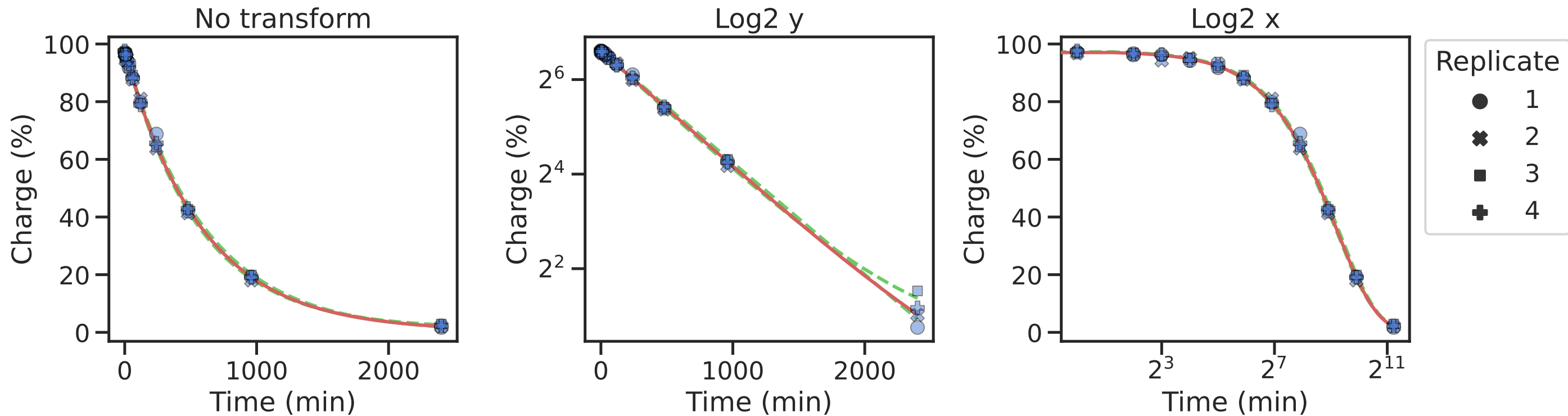




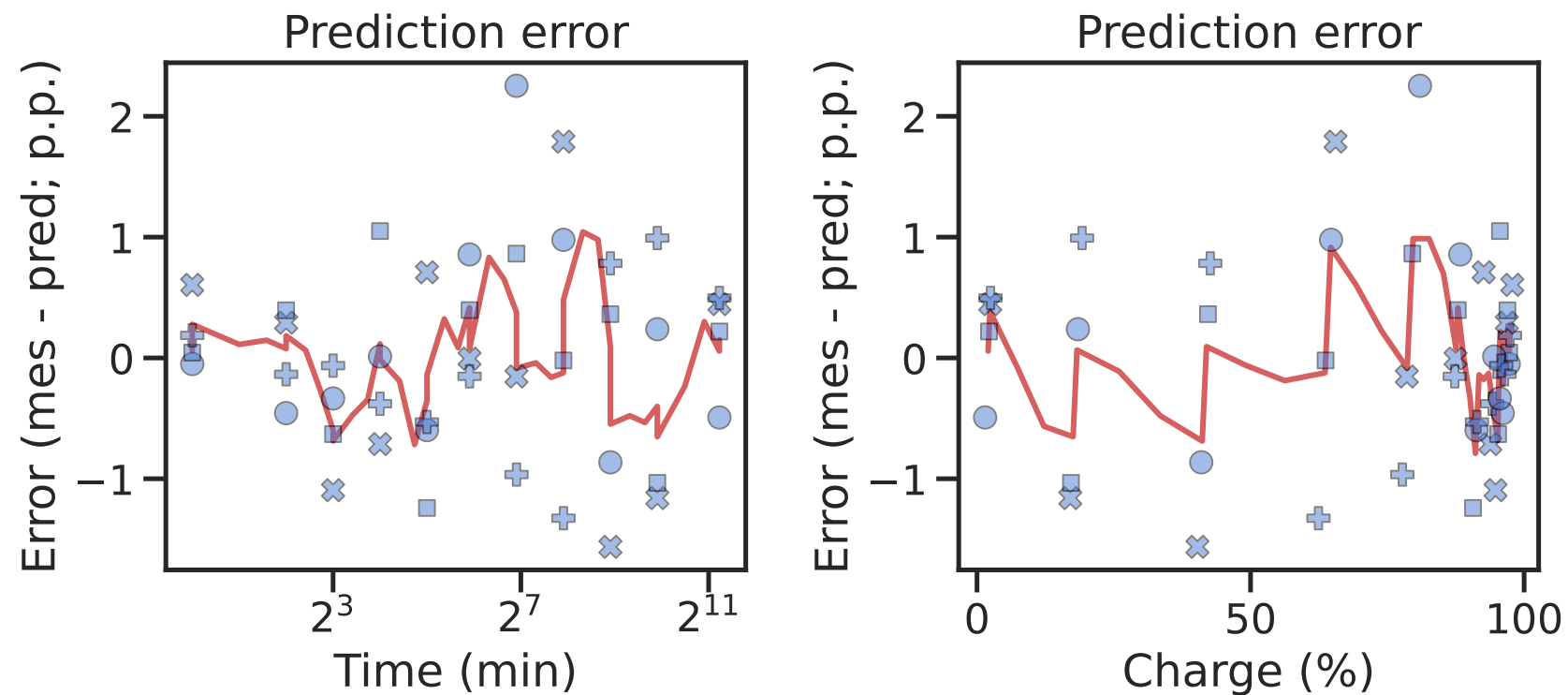
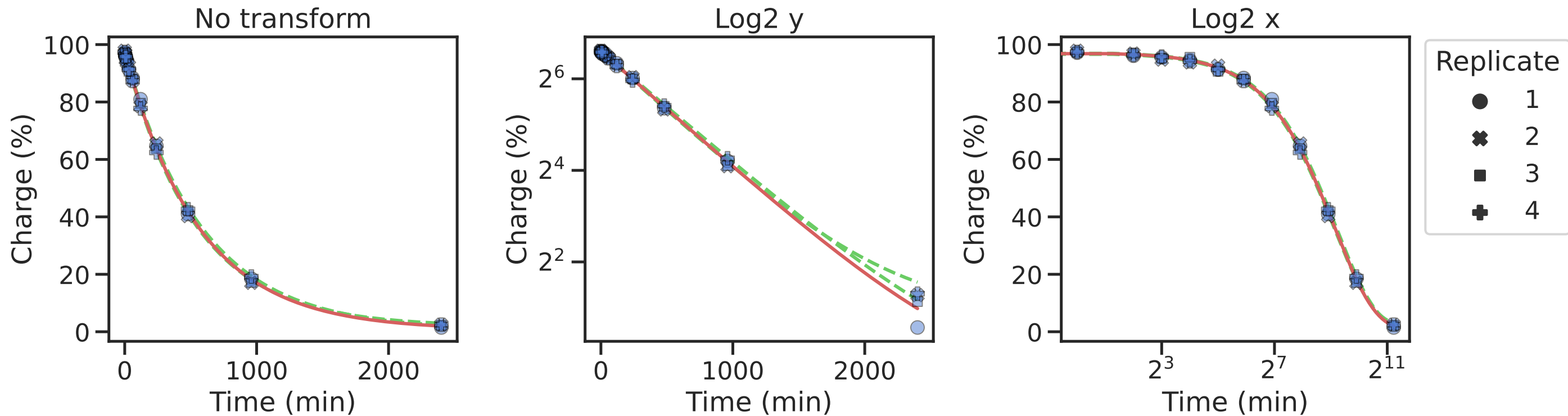
Ala-CGC-4-1 half-life=558 min, 95% CI (534; 609)



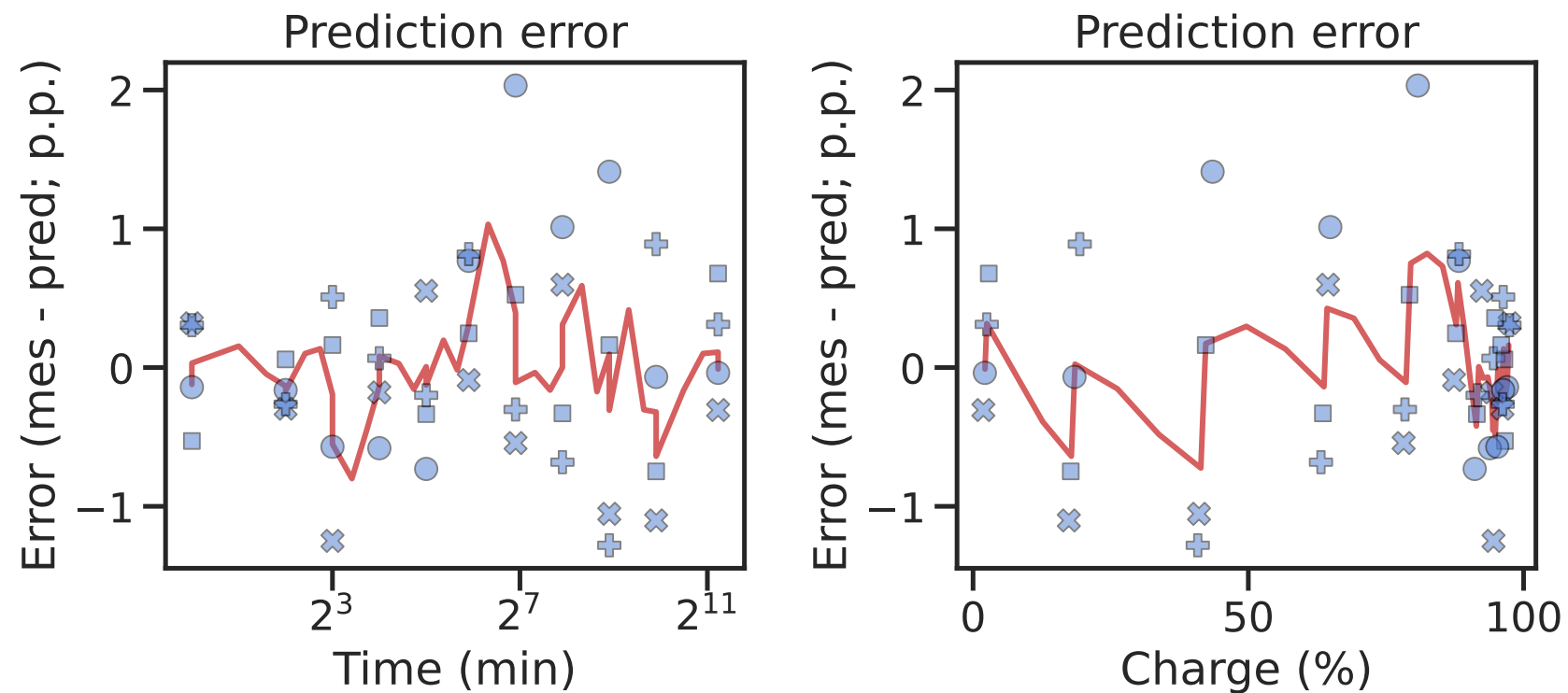
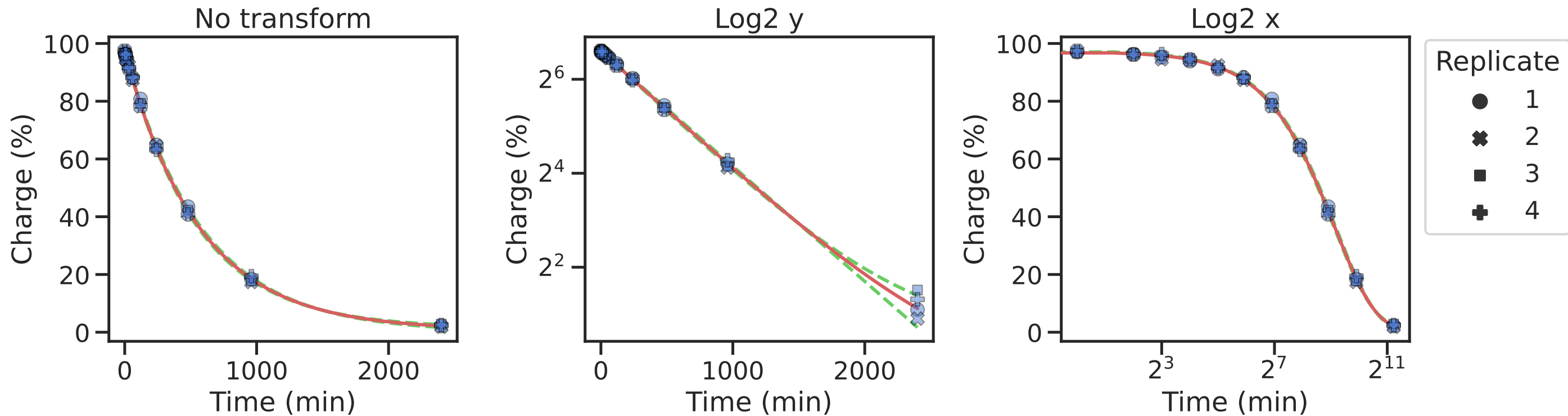
Ala-TGC-1-1 half-life=405 min, 95% CI (388; 423)



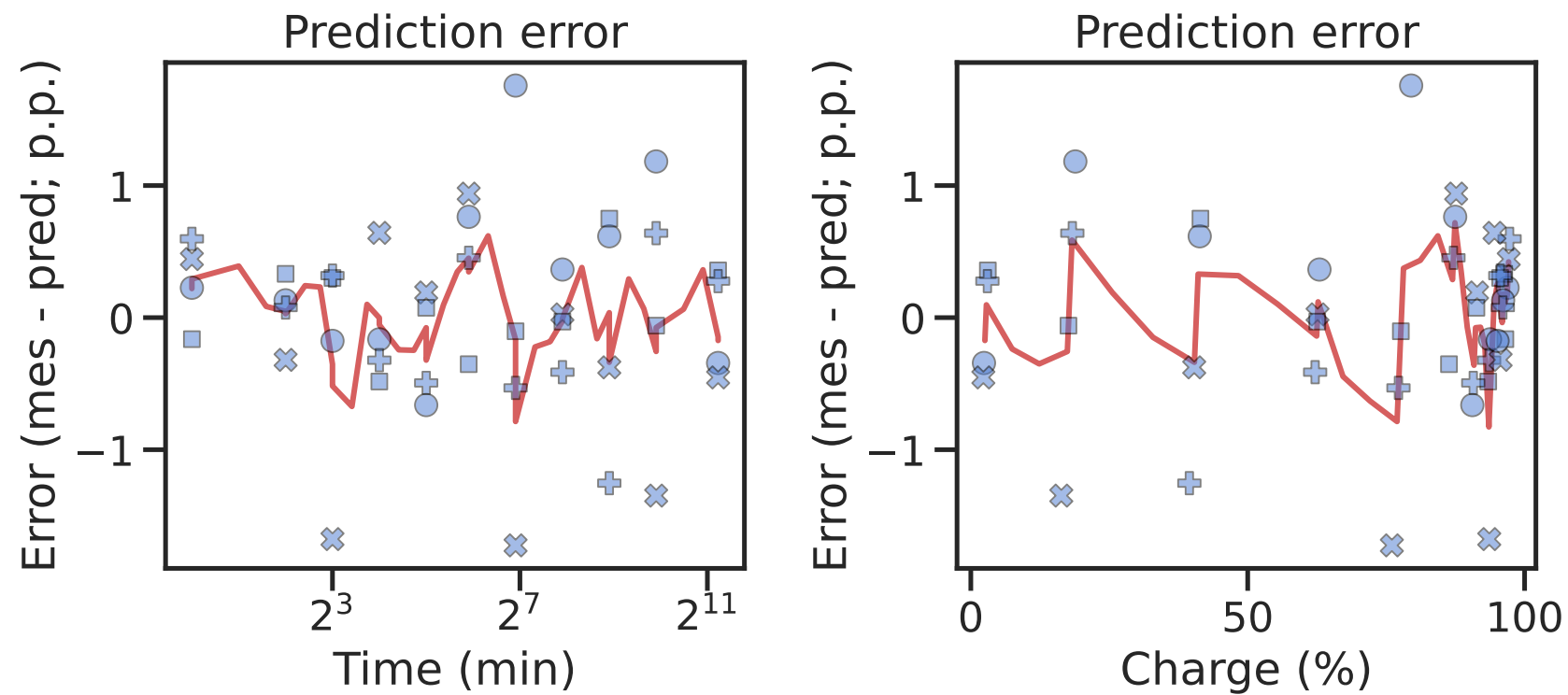
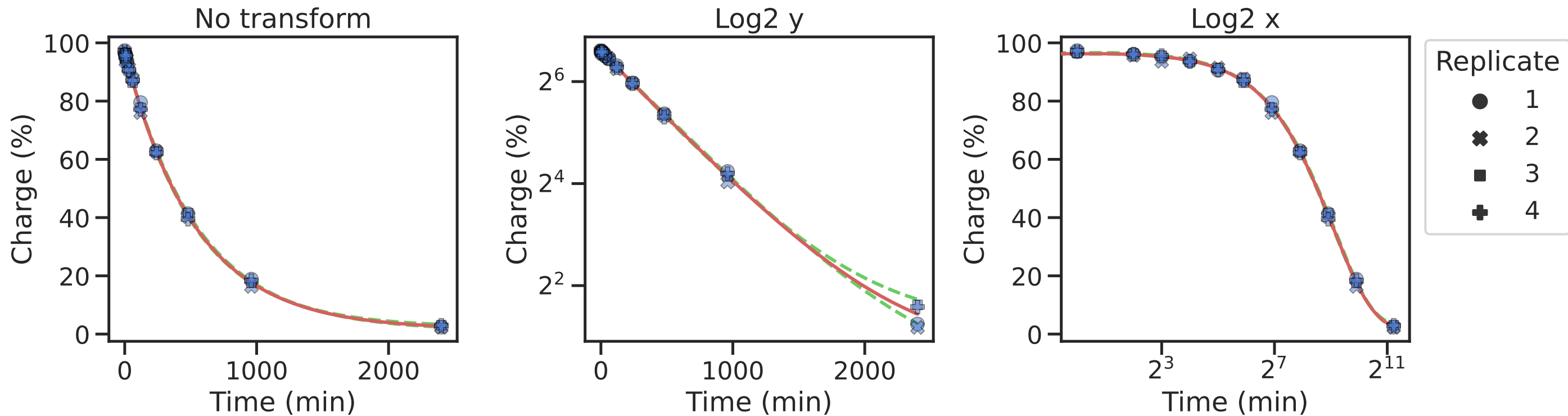
Ala-TGC-2-1 half-life=391min, 95% CI (377; 406)



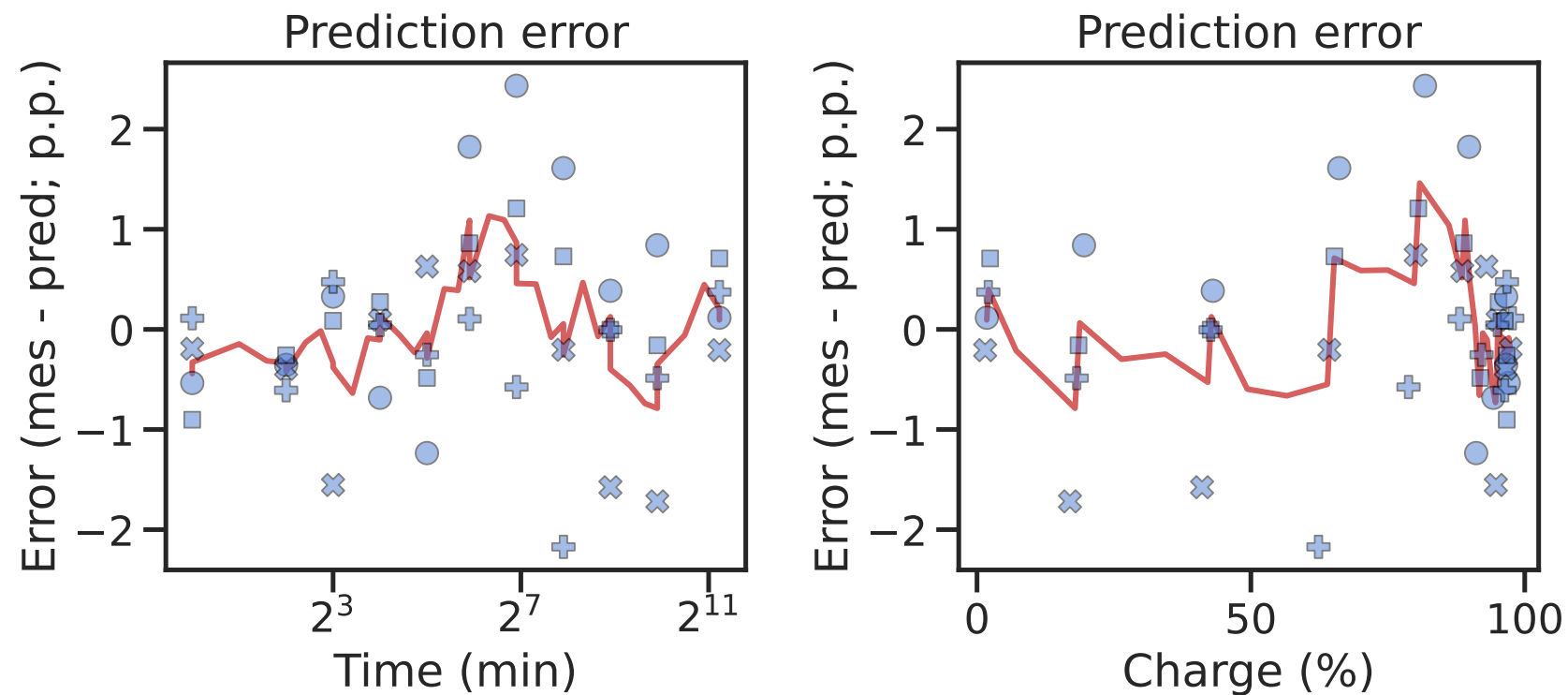
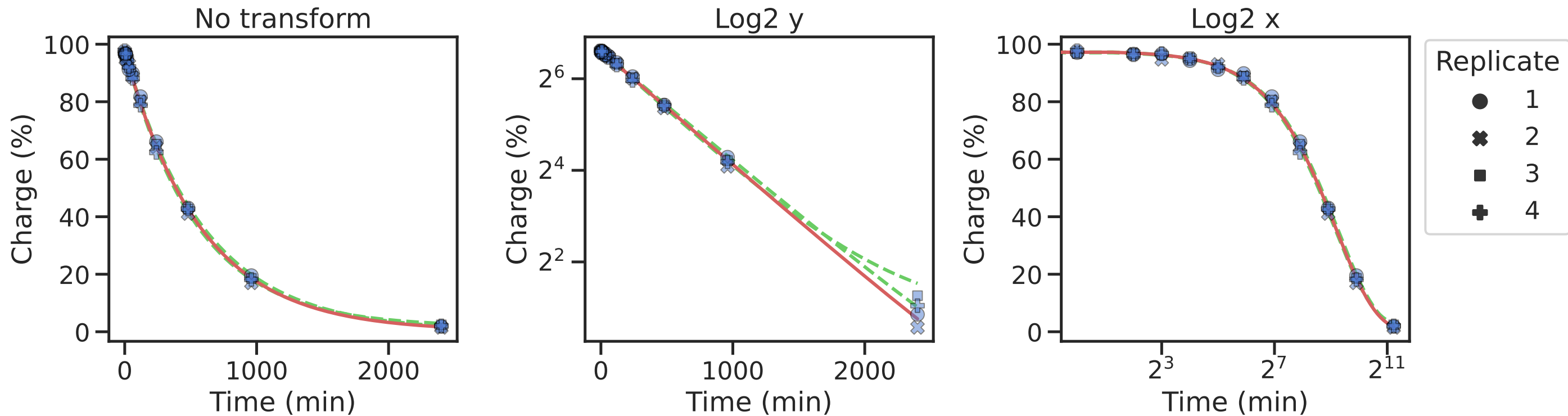
Ala-TGC-3-2 half-life=393 min, 95% CI (379; 408)



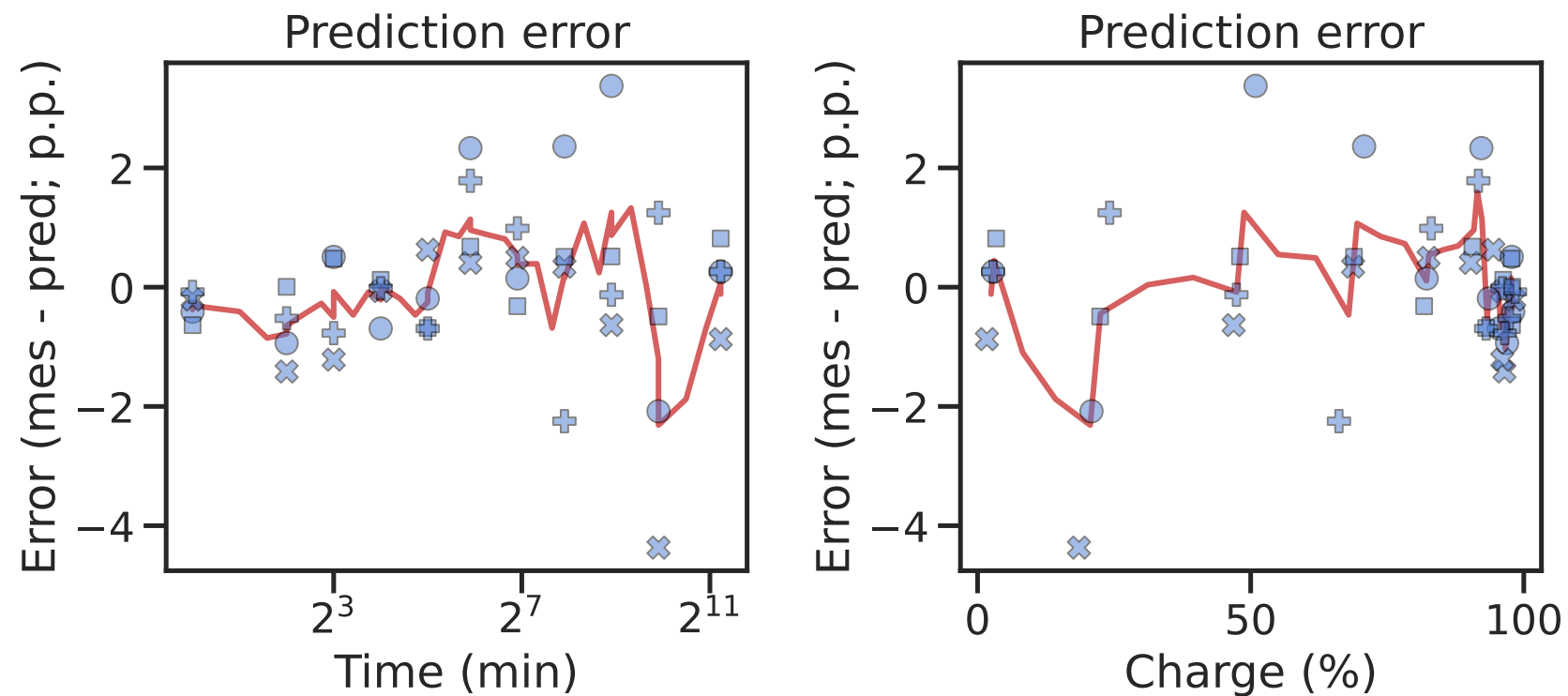
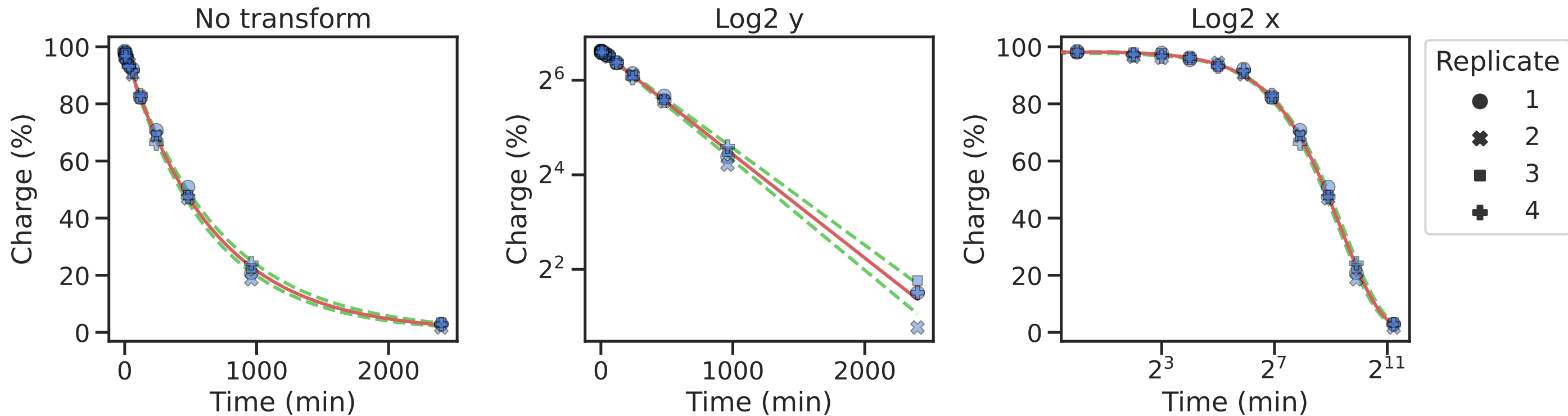
Ala-TGC-4-1 half-life=375 min, 95% CI (364; 386)



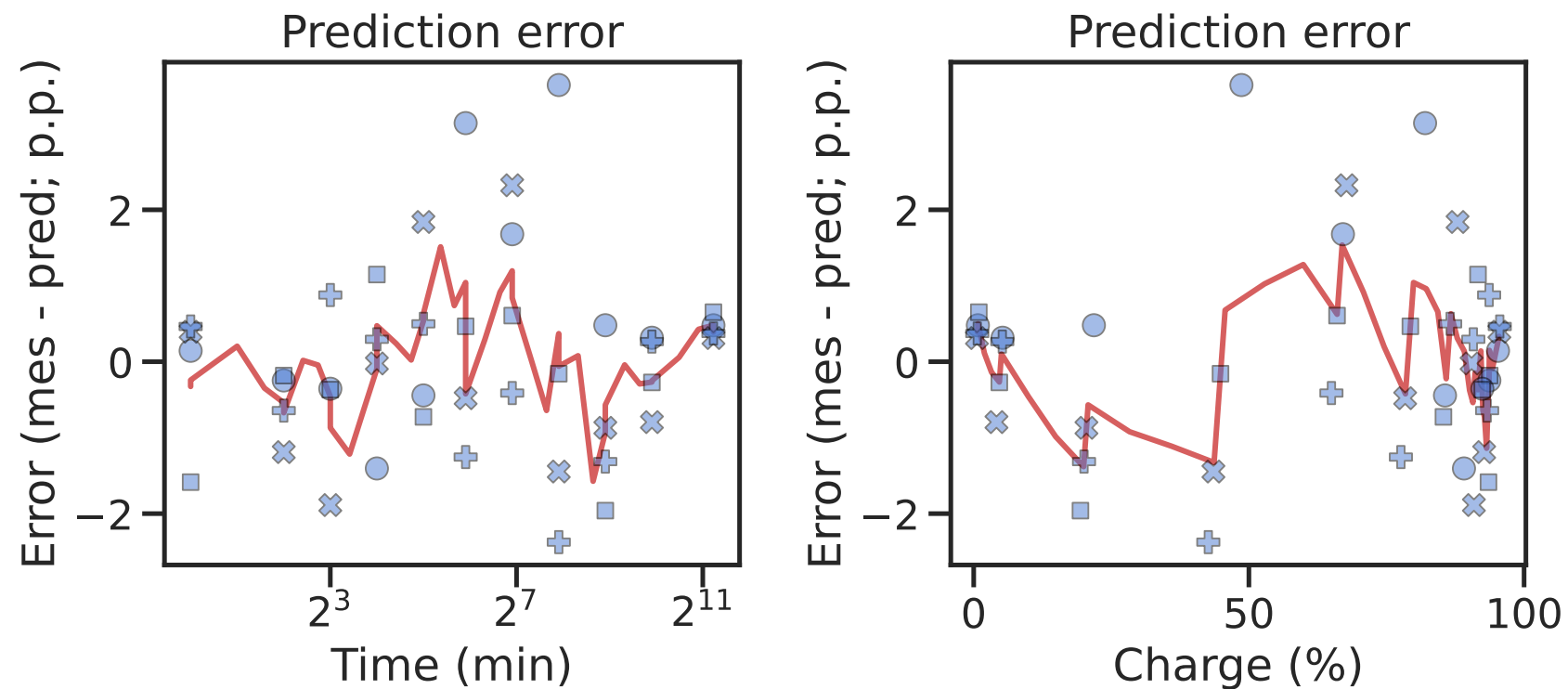
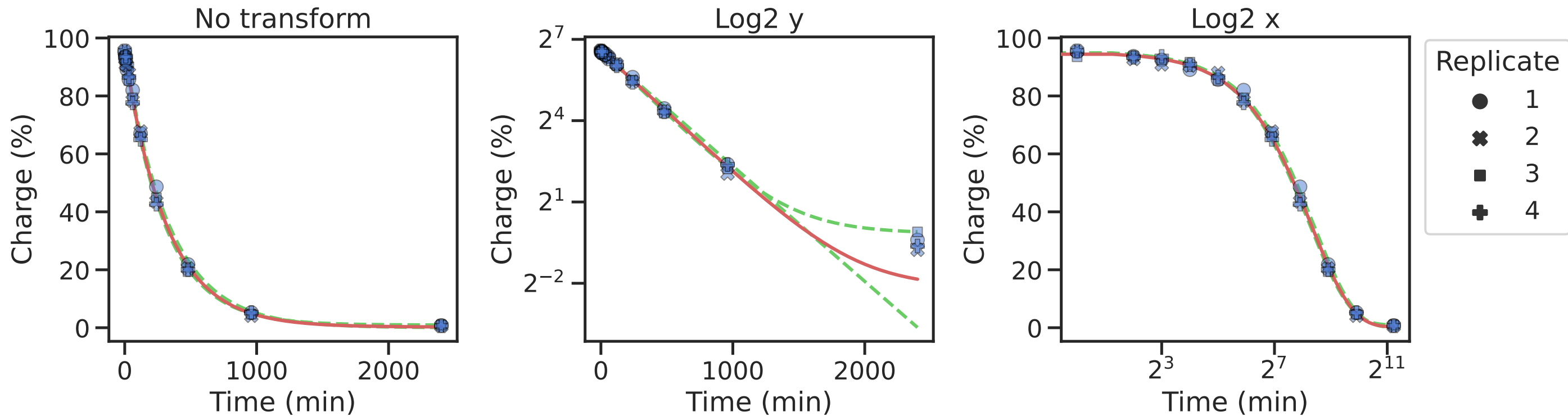
Ala-TGC-5-1 half-life=401min, 95% CI (379; 417)



Ala-TGC-6-1 half-life=457 min, 95% CI (431; 488)

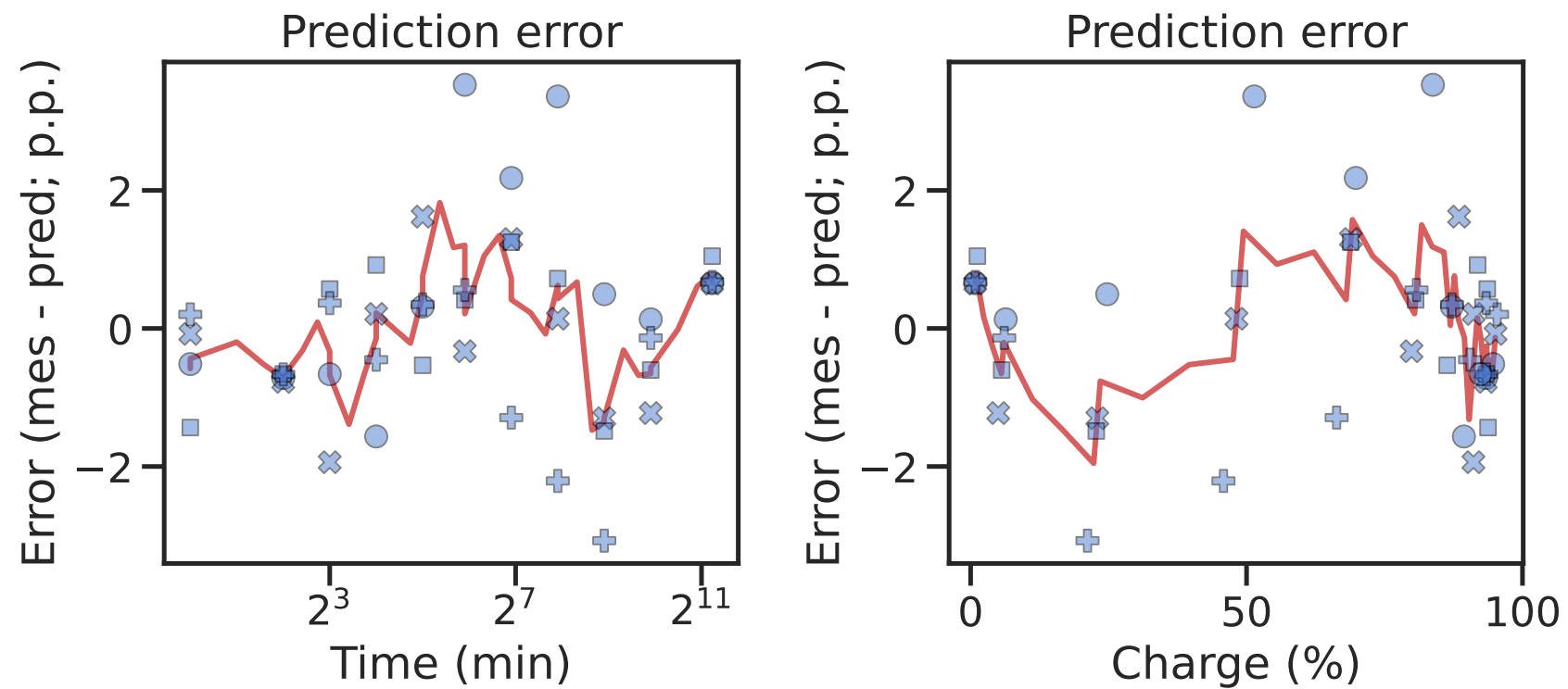
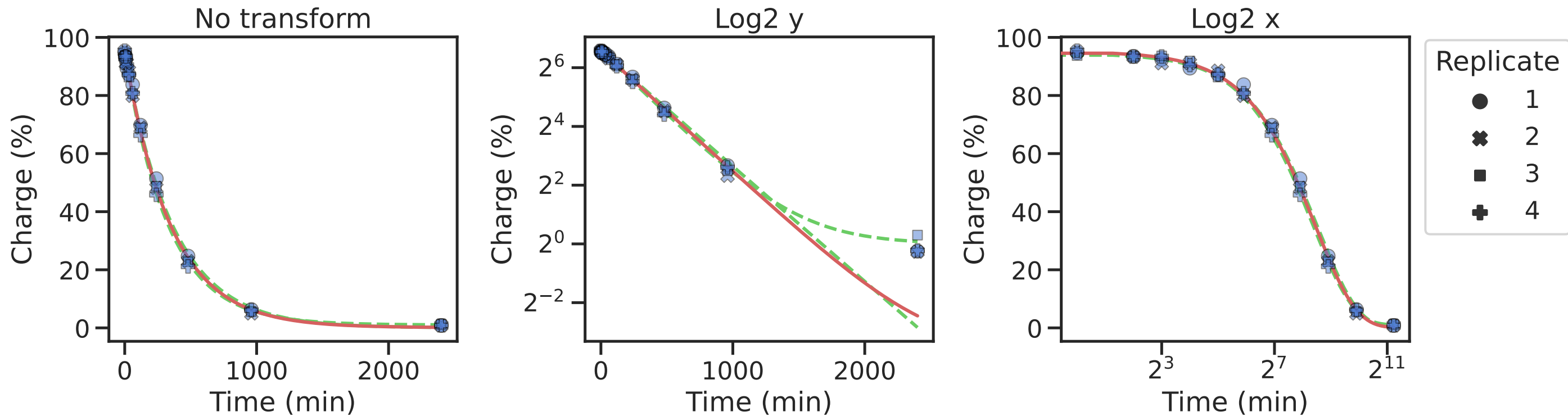


Arg-ACG-1-3 half-life=221 min, 95% CI (210; 235)

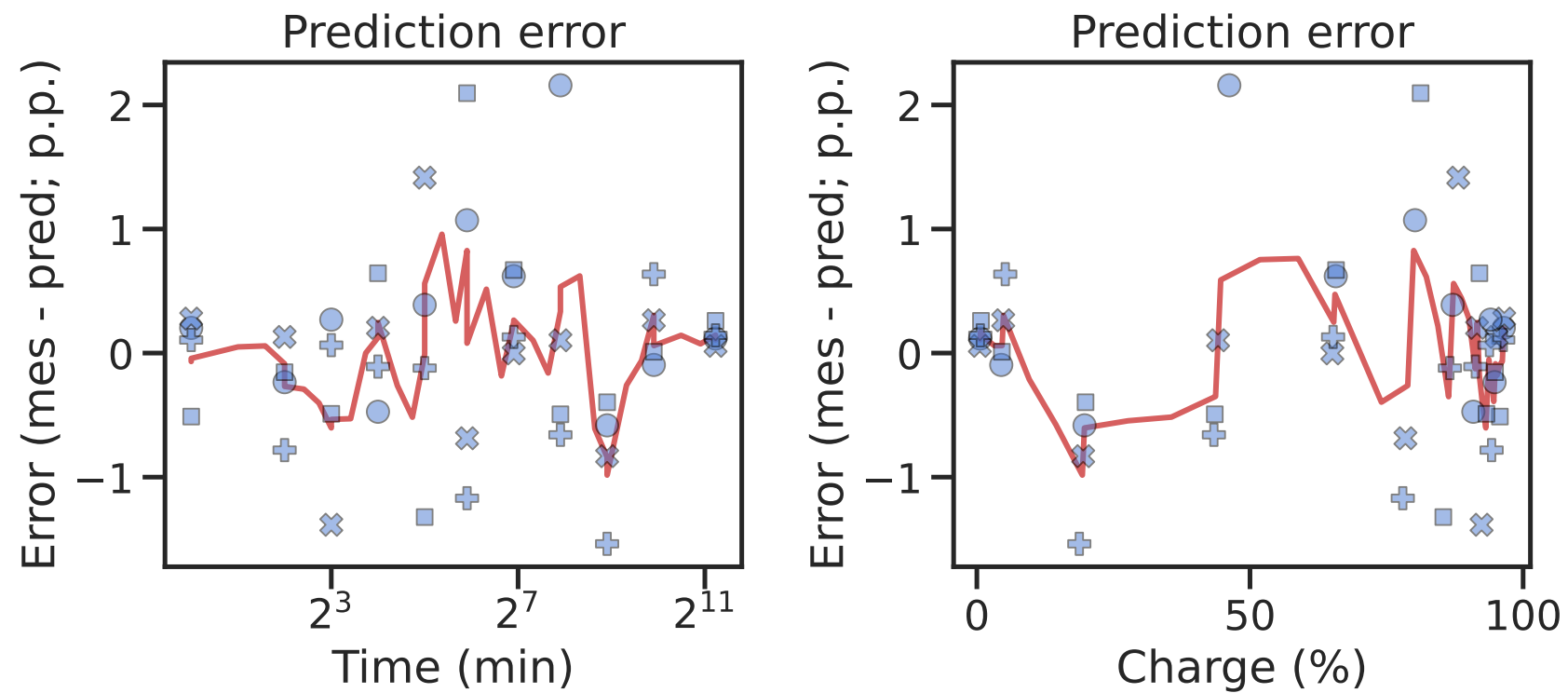
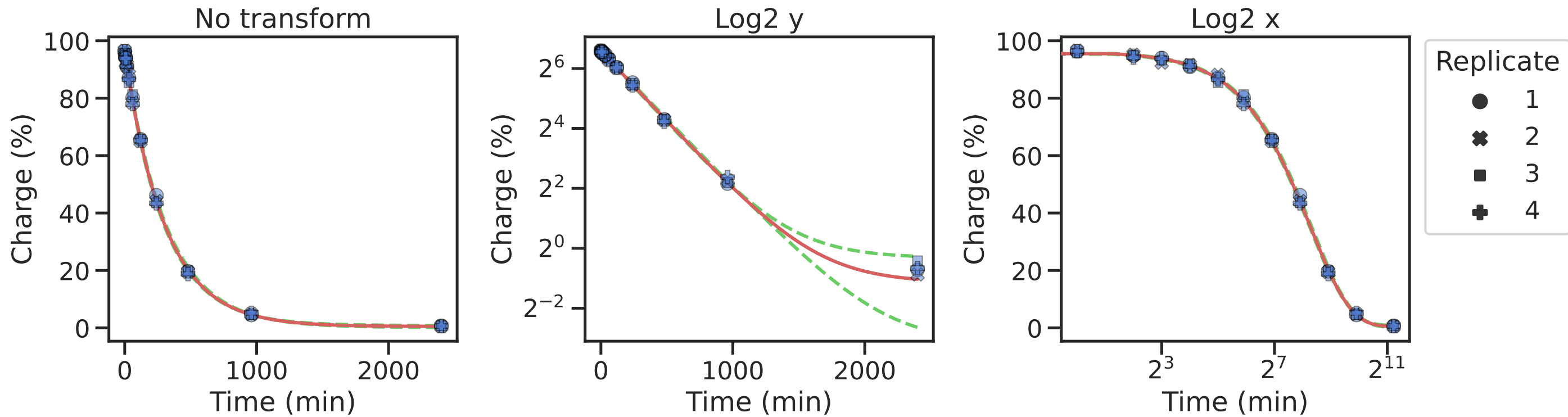




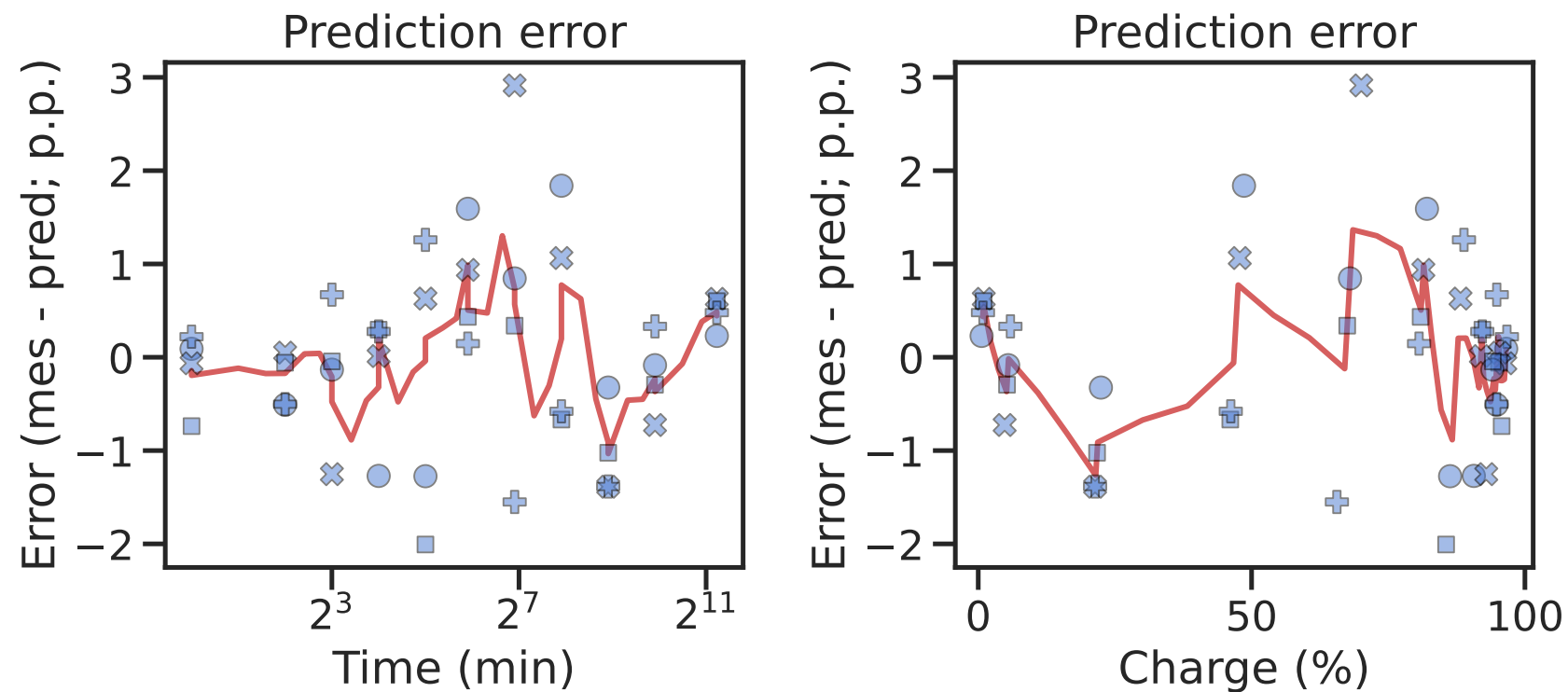
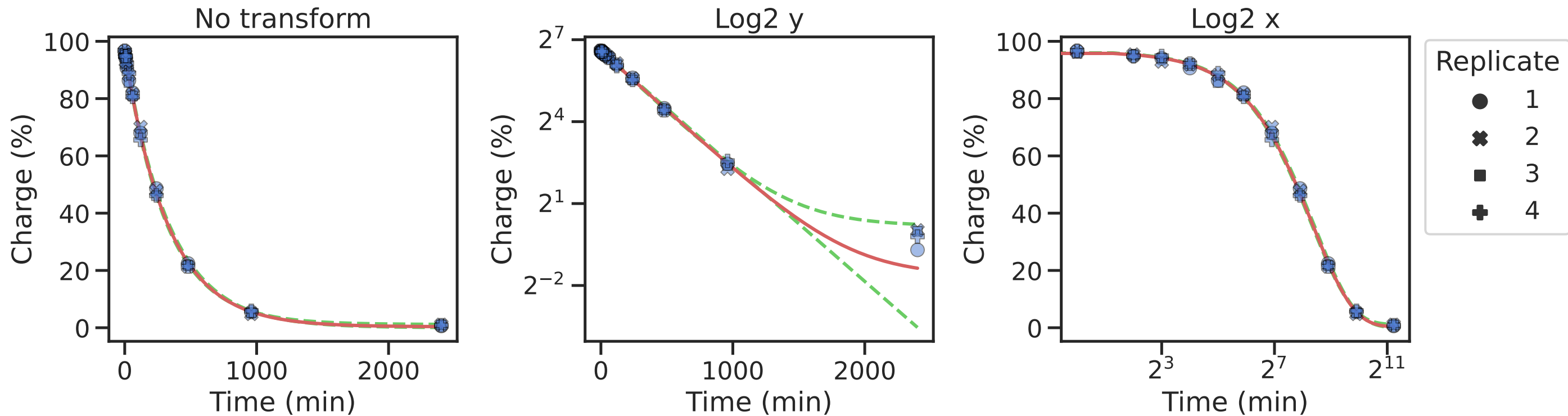
Arg-ACG-2-1 half-life=243 min, 95% CI (227; 255)



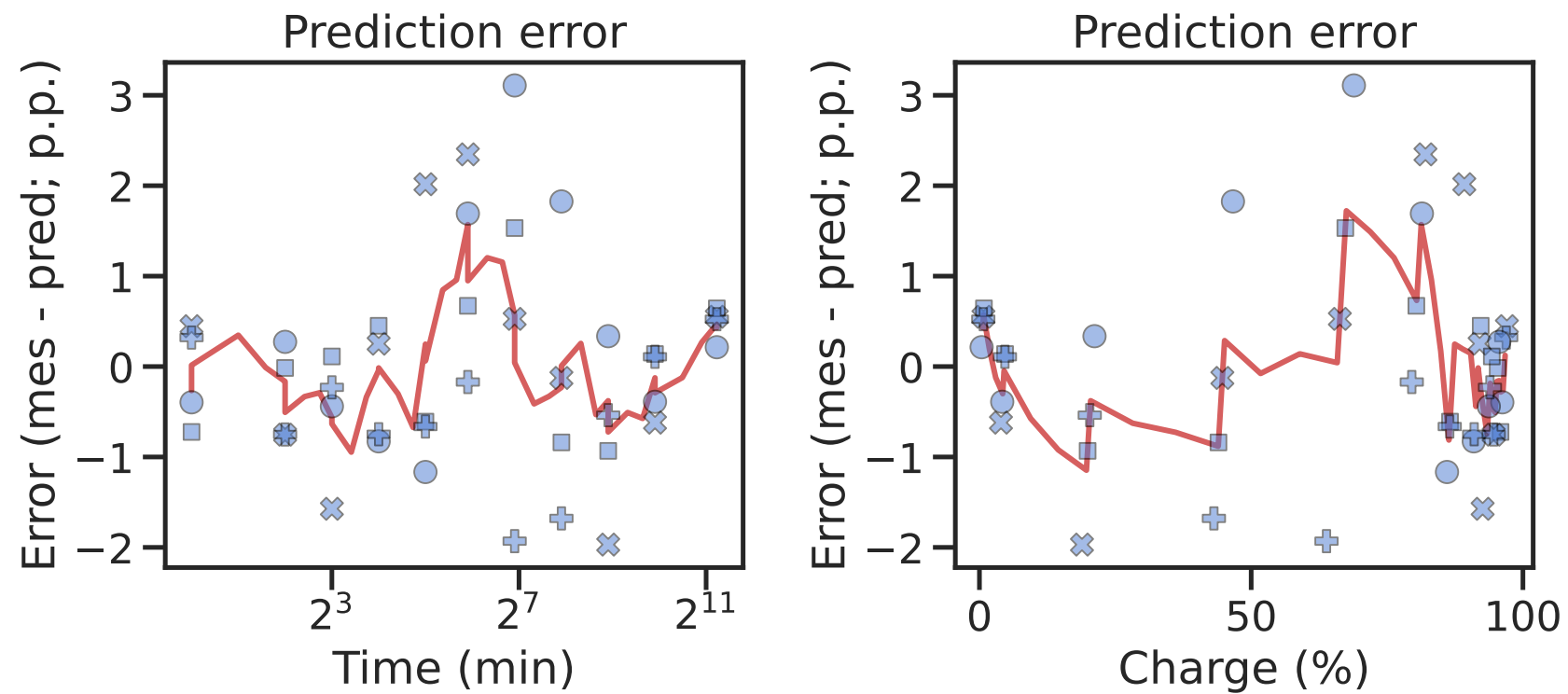
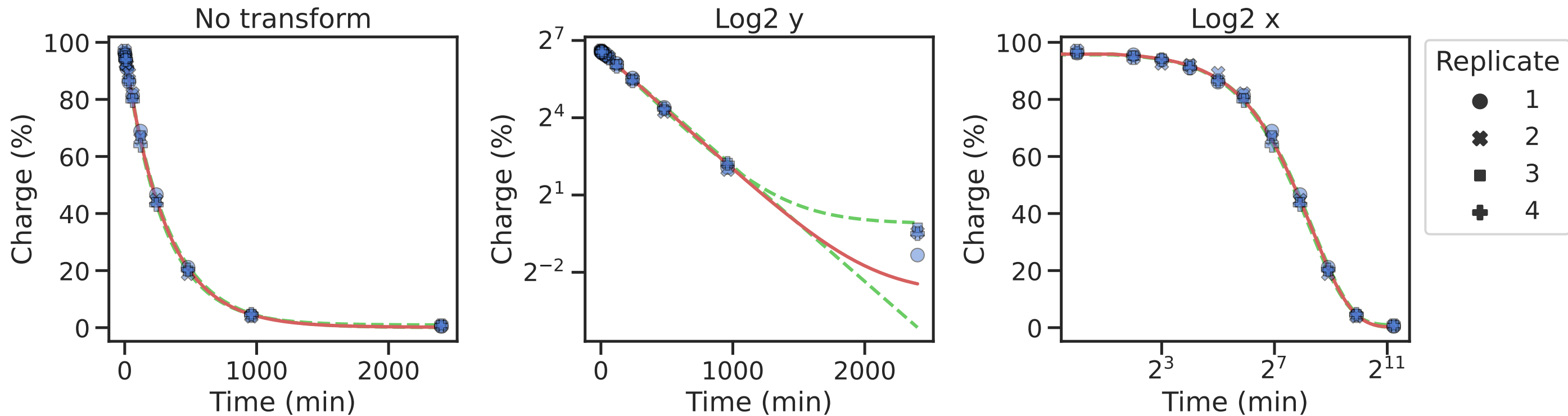
Arg-CCG-1-3 half-life=211 min, 95% CI (206; 219)



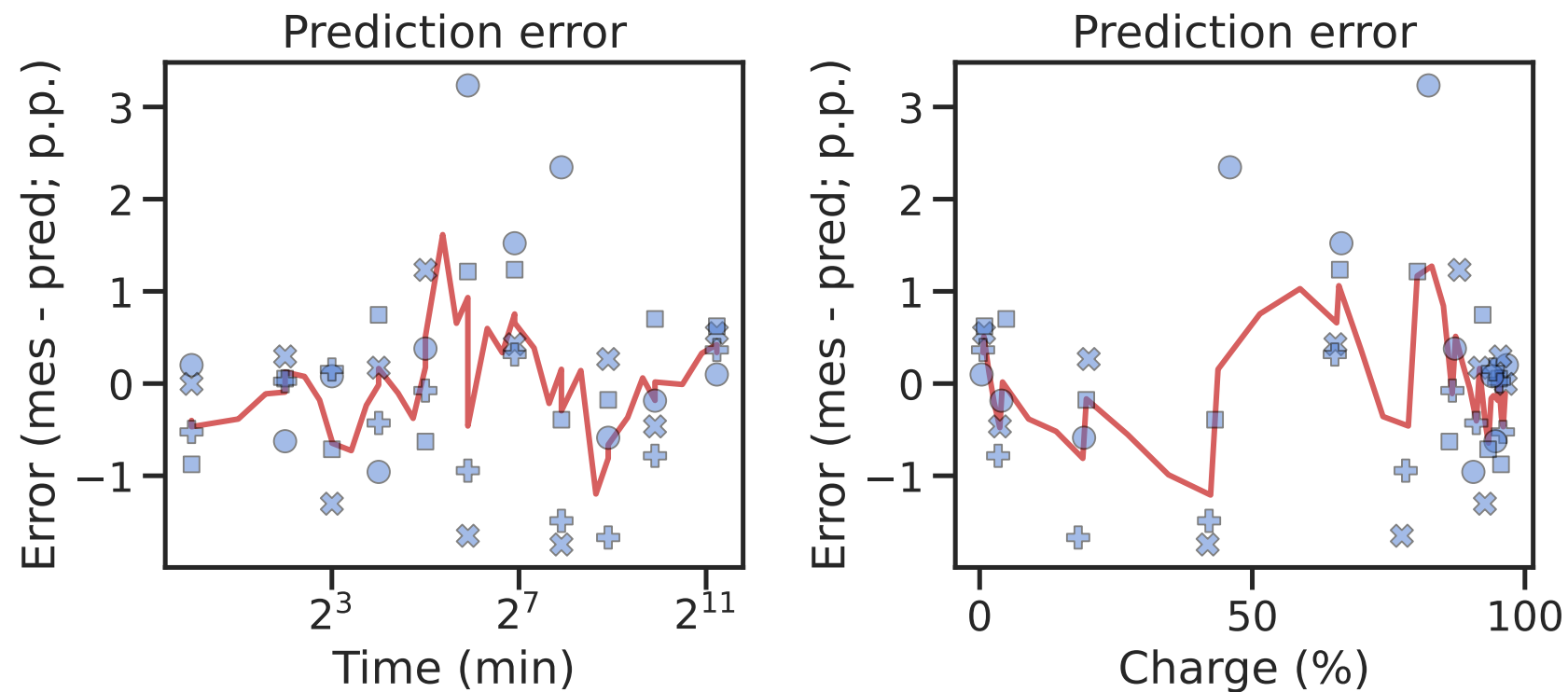
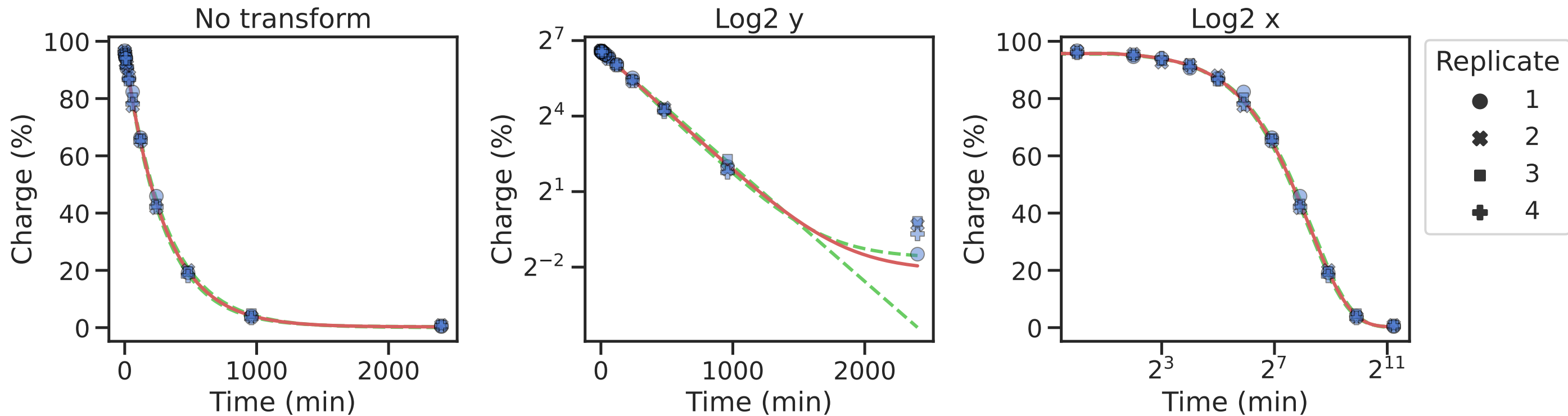
Arg-CCG-2-1 half-life=229 min, 95% CI (220; 237)



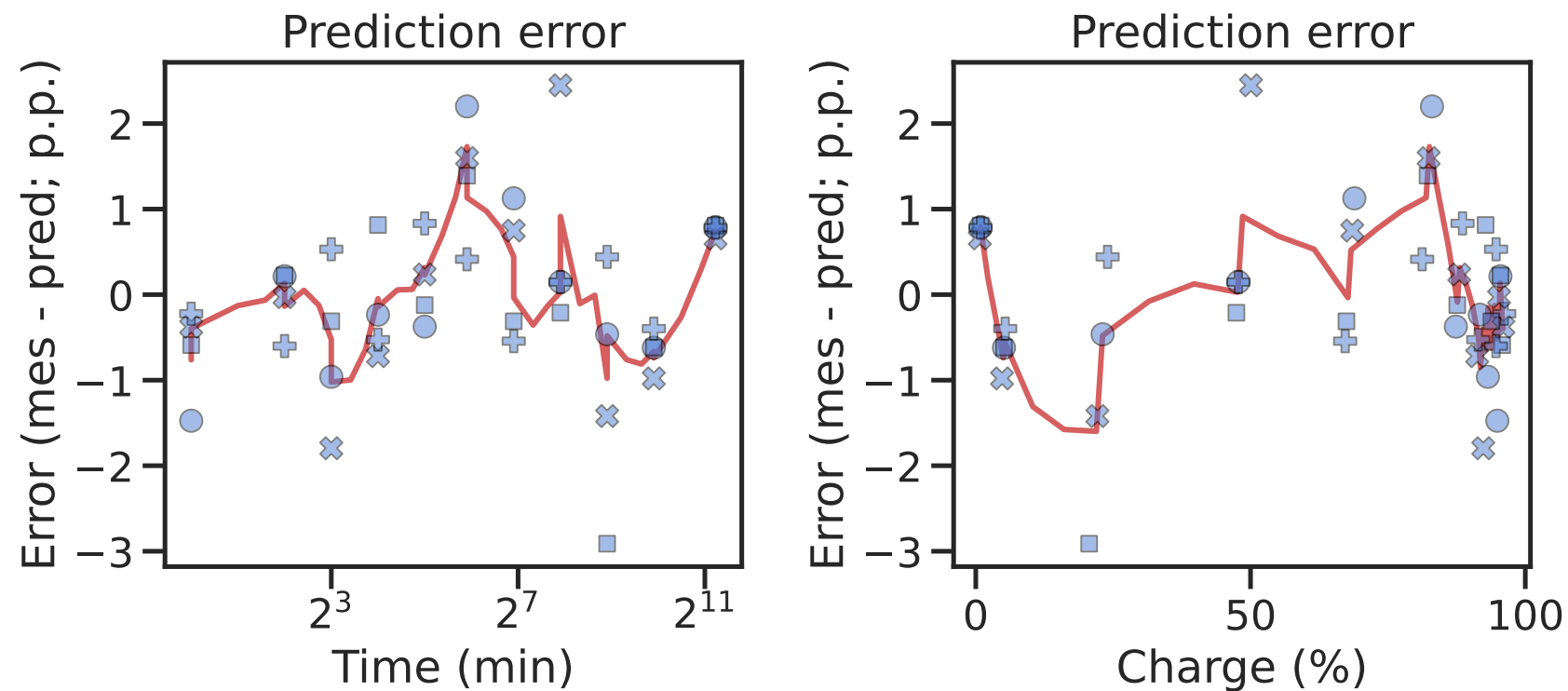
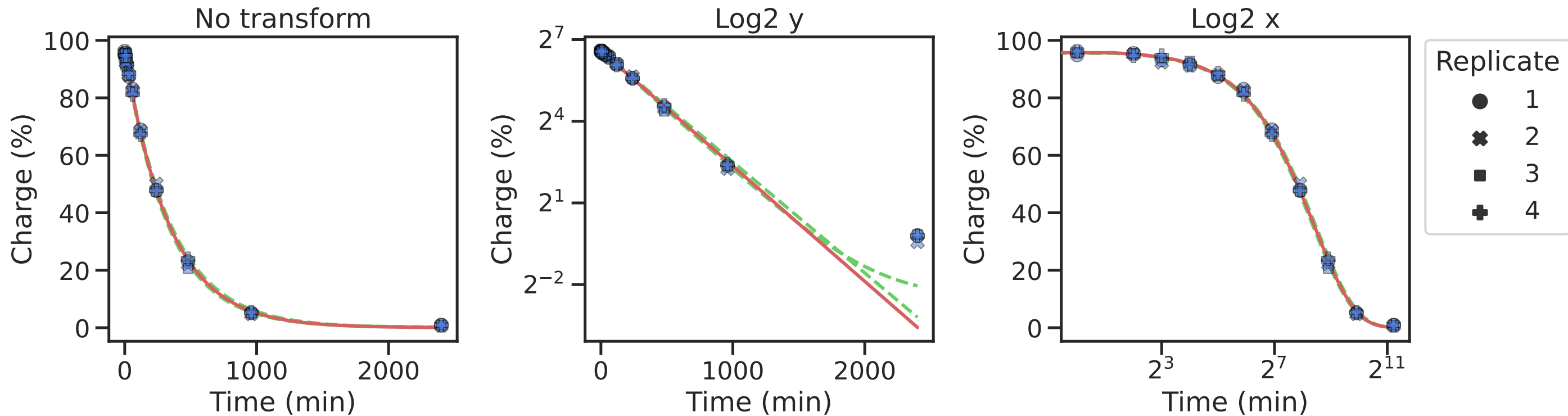
Arg-CCT-1-1 half-life=216min, 95% CI (204; 224)



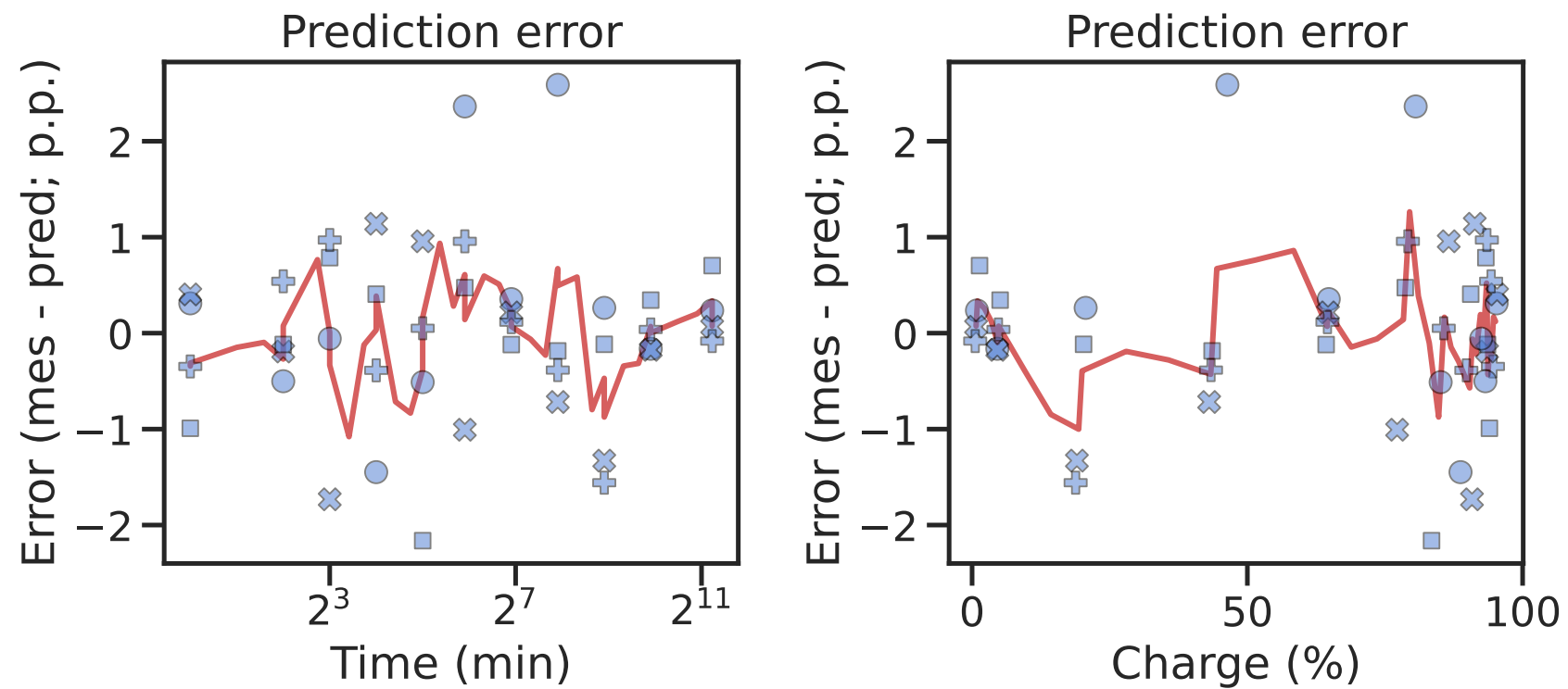
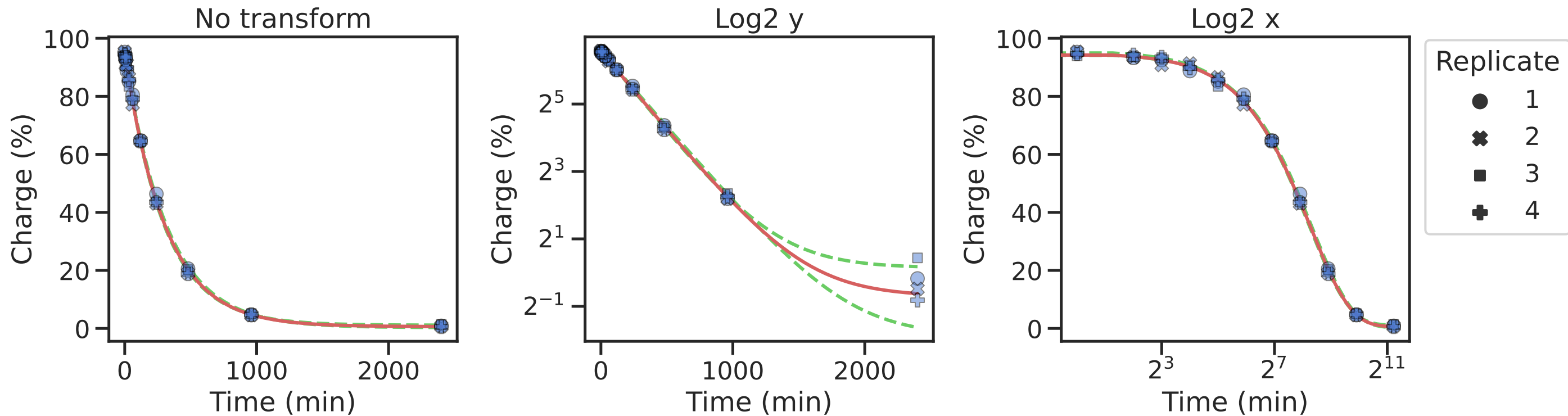
Arg-CCT-2-1 half-life=208min, 95% CI (200; 218)



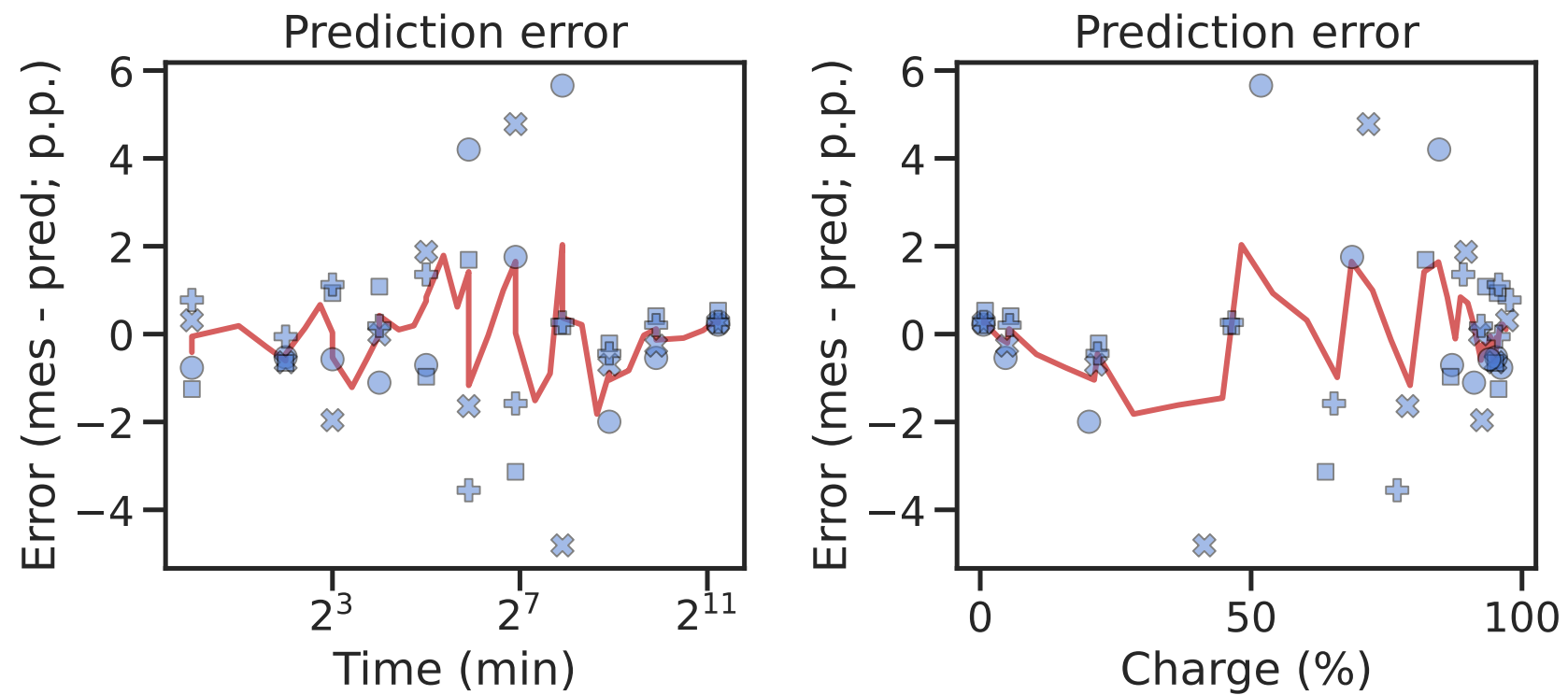
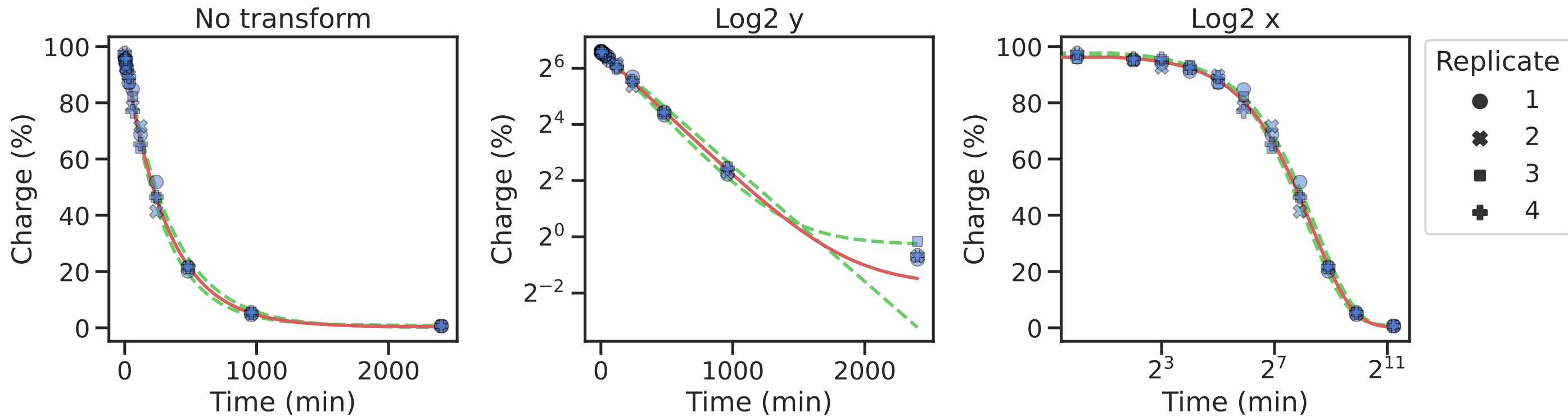
Arg-CCT-3-1 half-life=236 min, 95% CI (228; 245)



Arg-CCT-4-1 half-life=213 min, 95% CI (206; 222)

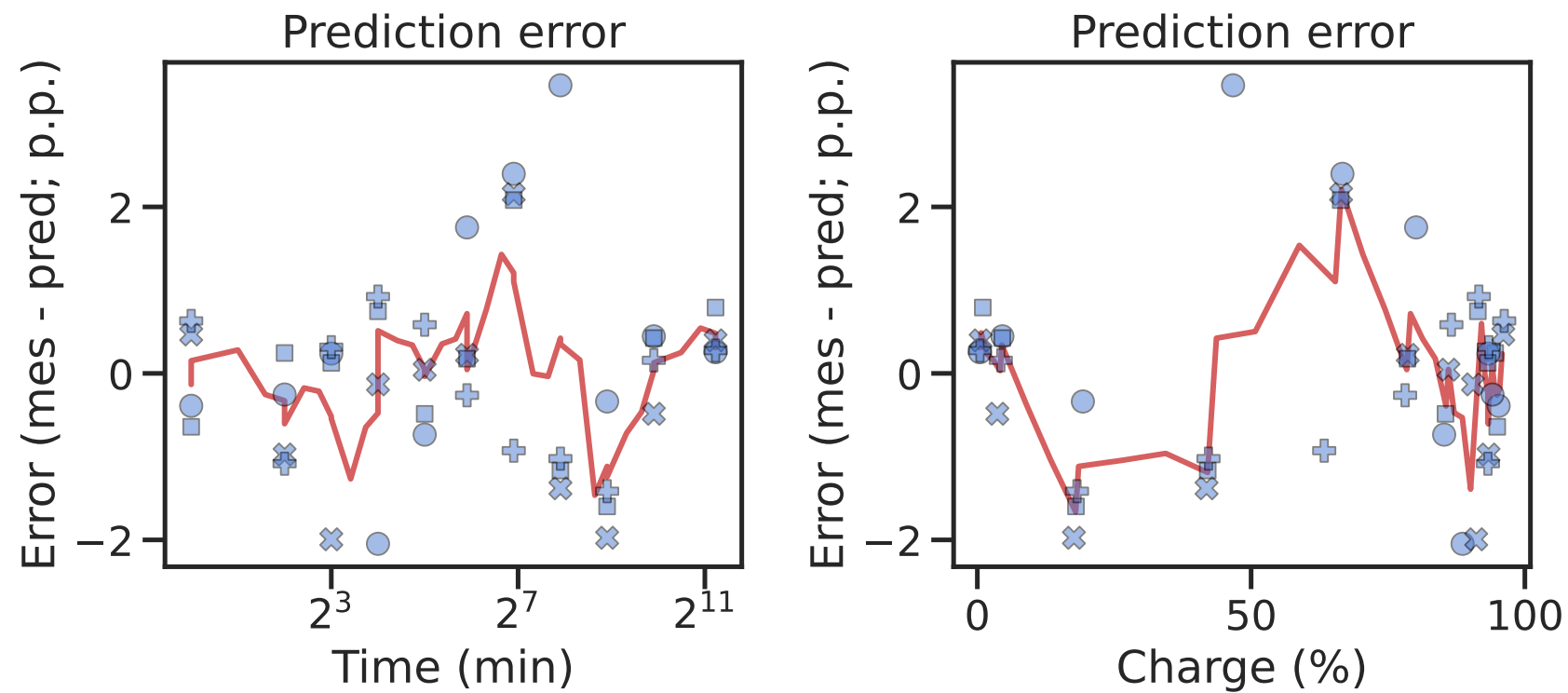
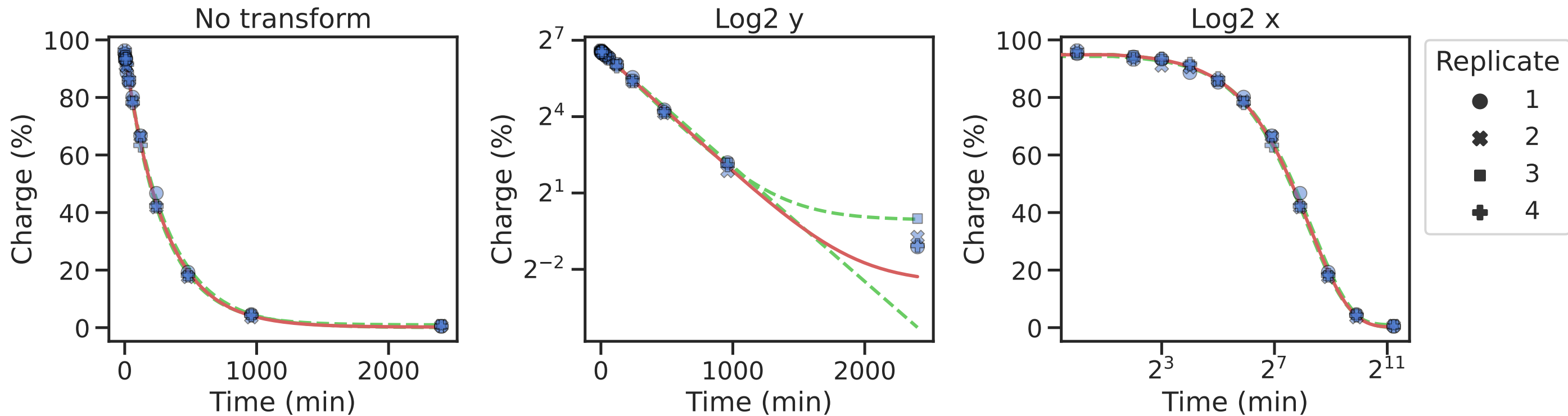


Arg-TCG-1-1 half-life=223 min, 95% CI (200; 244)

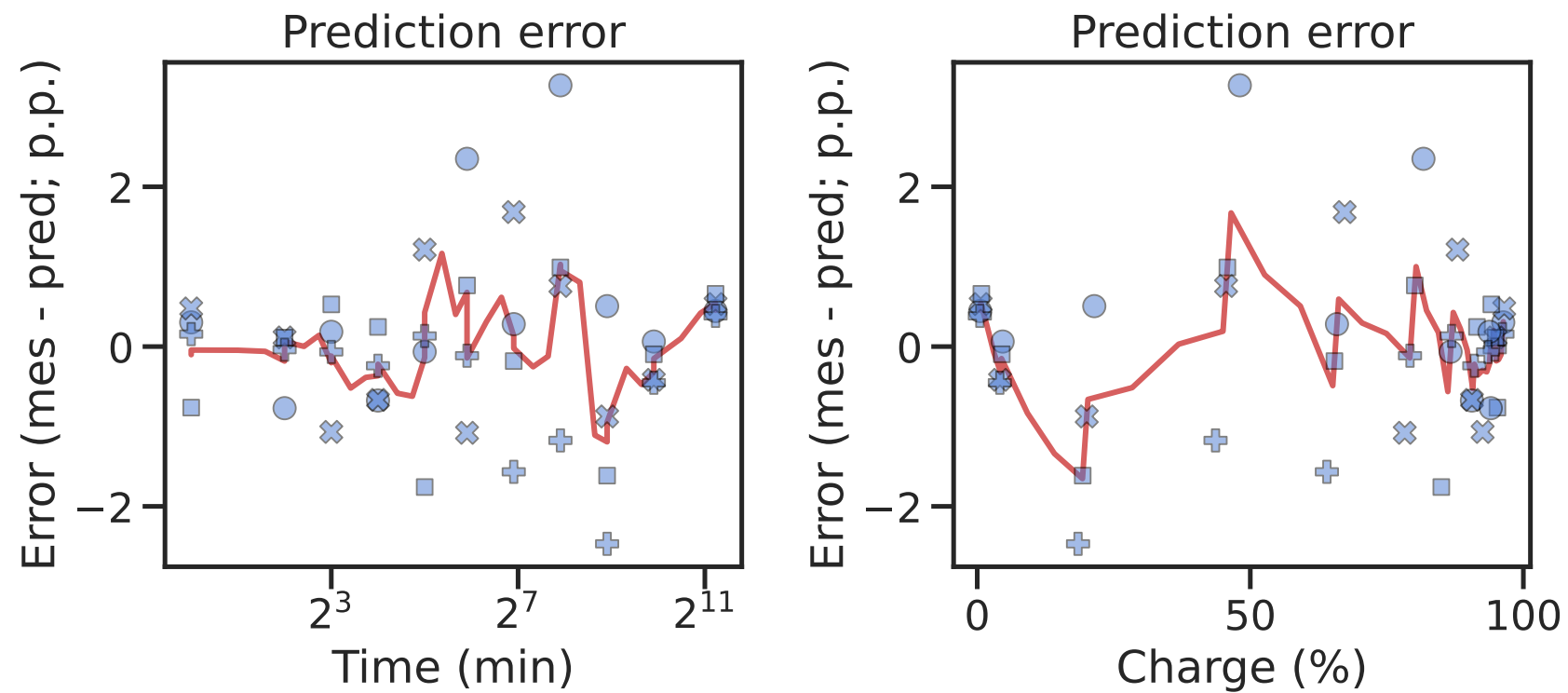
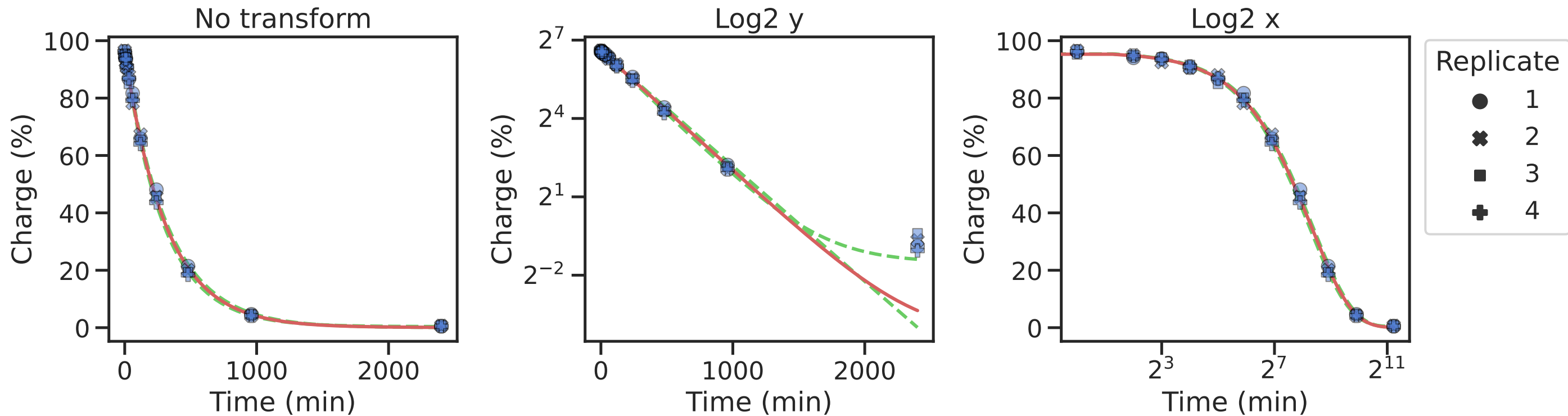




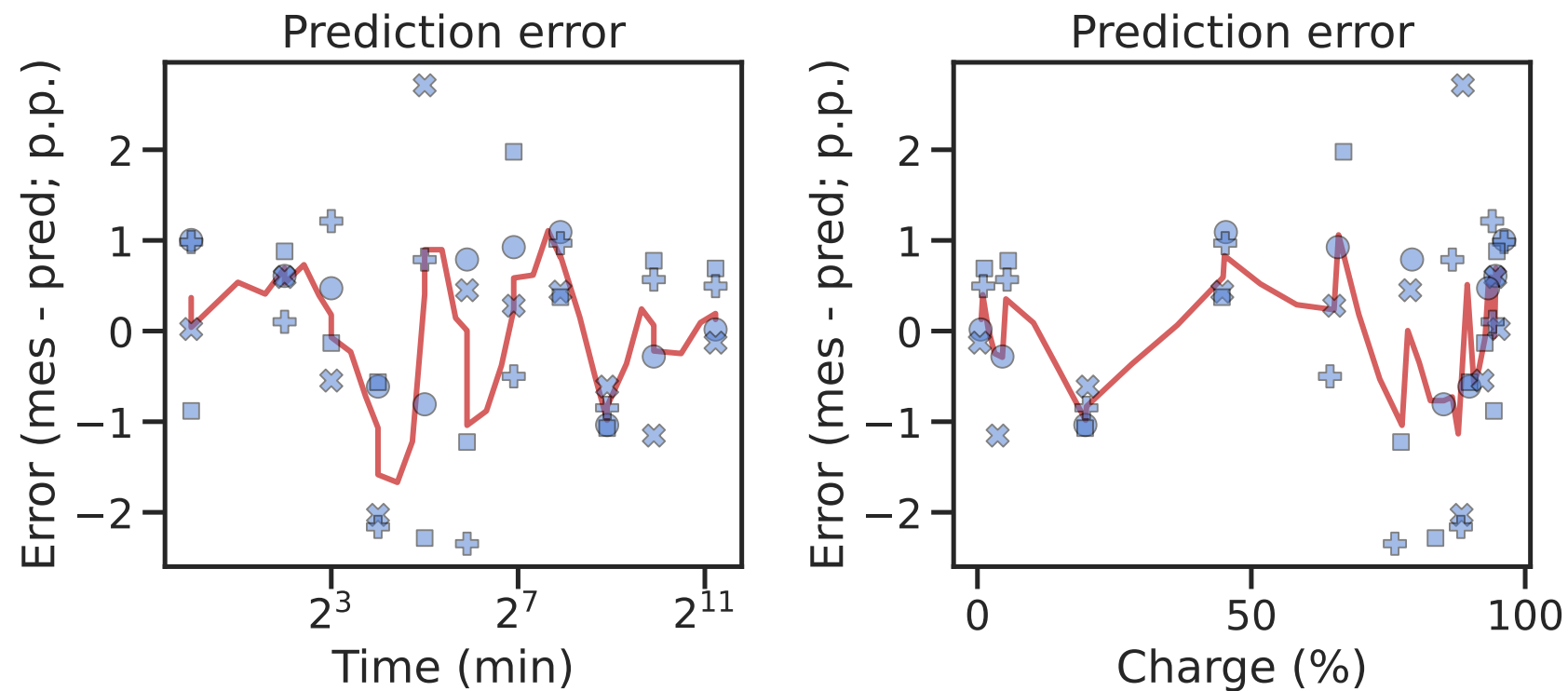
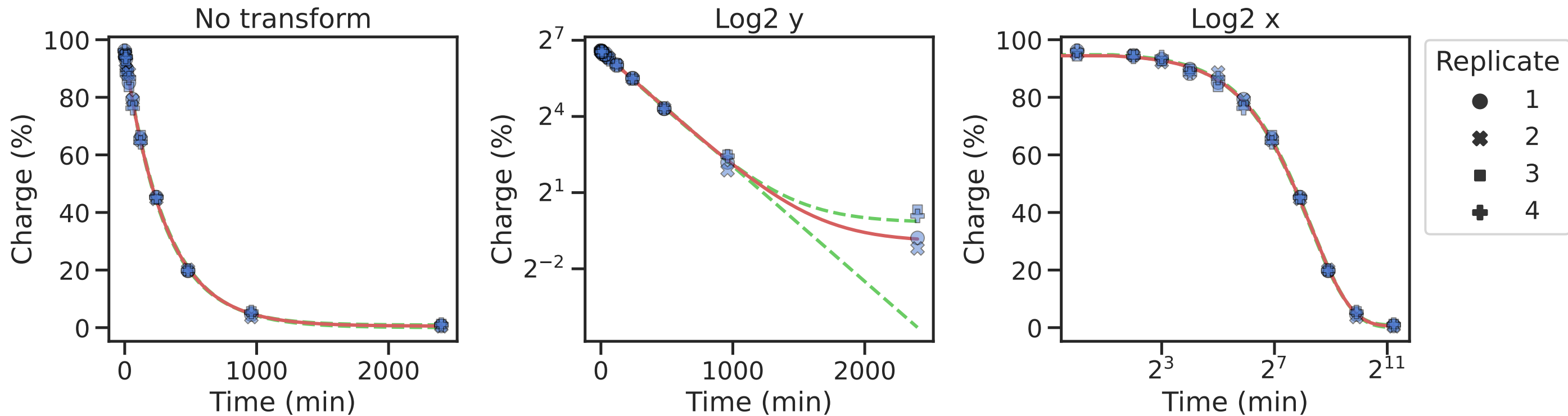
Arg-TCG-2-1 half-life=209 min, 95% CI (199; 221)



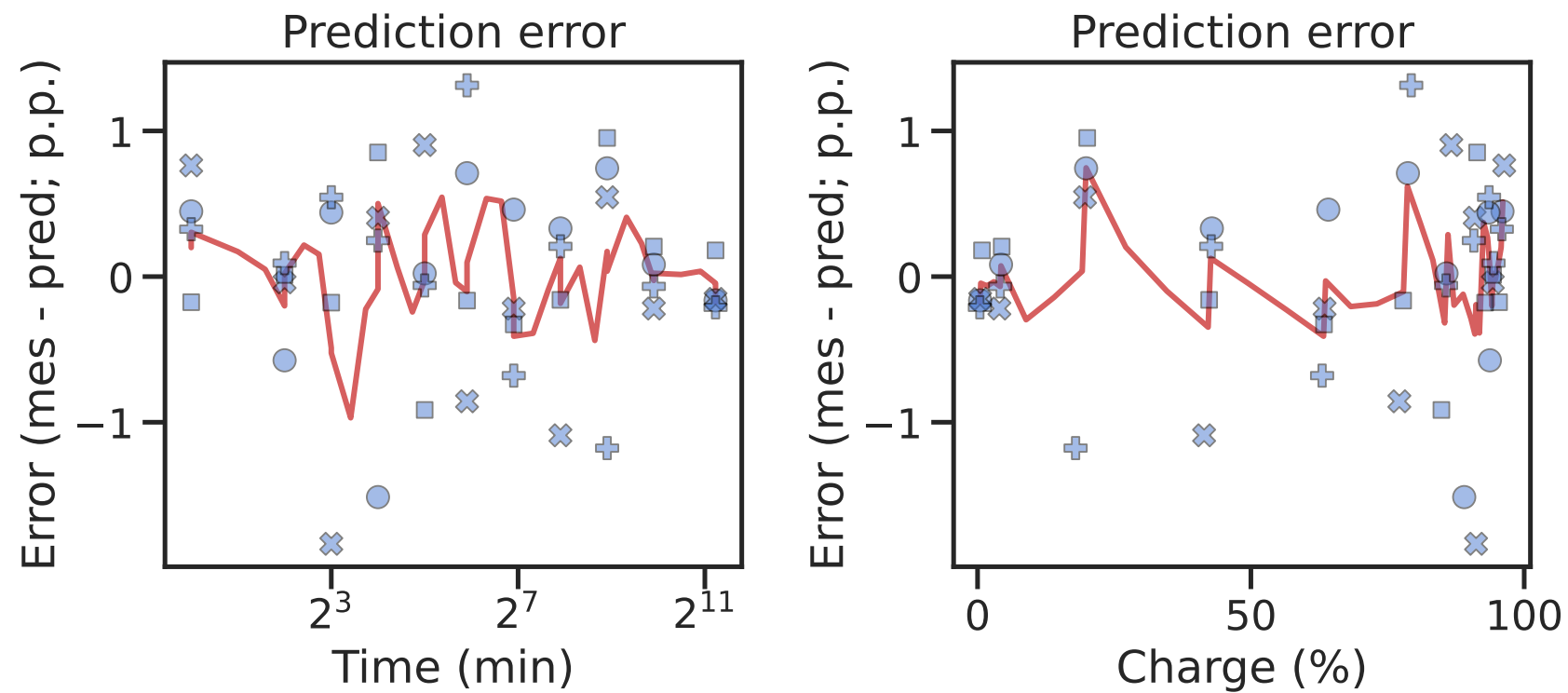
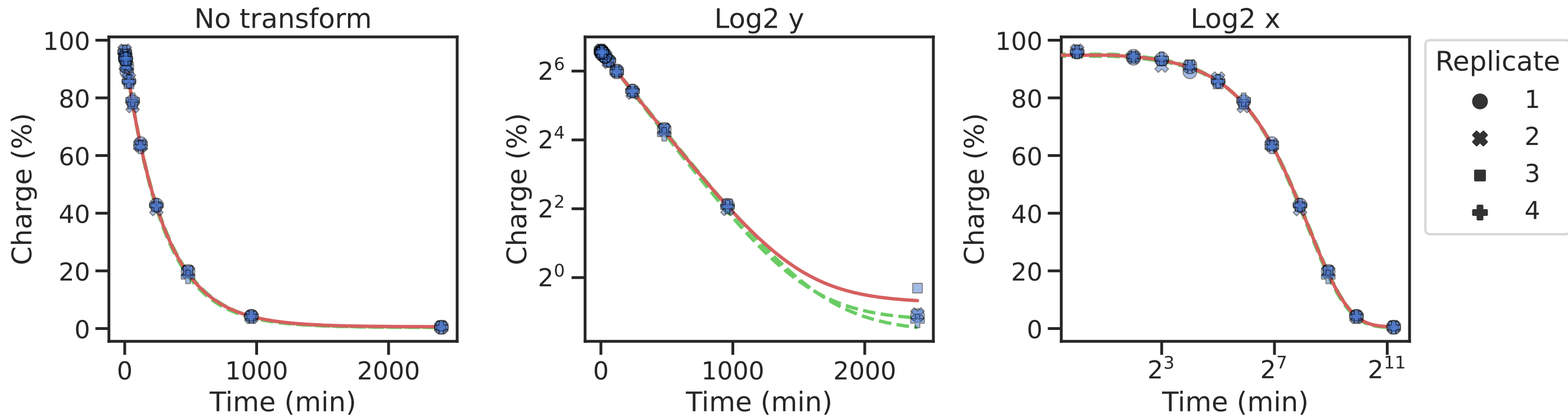
Arg-TCG-3-1 half-life=218min, 95% CI (206; 227)



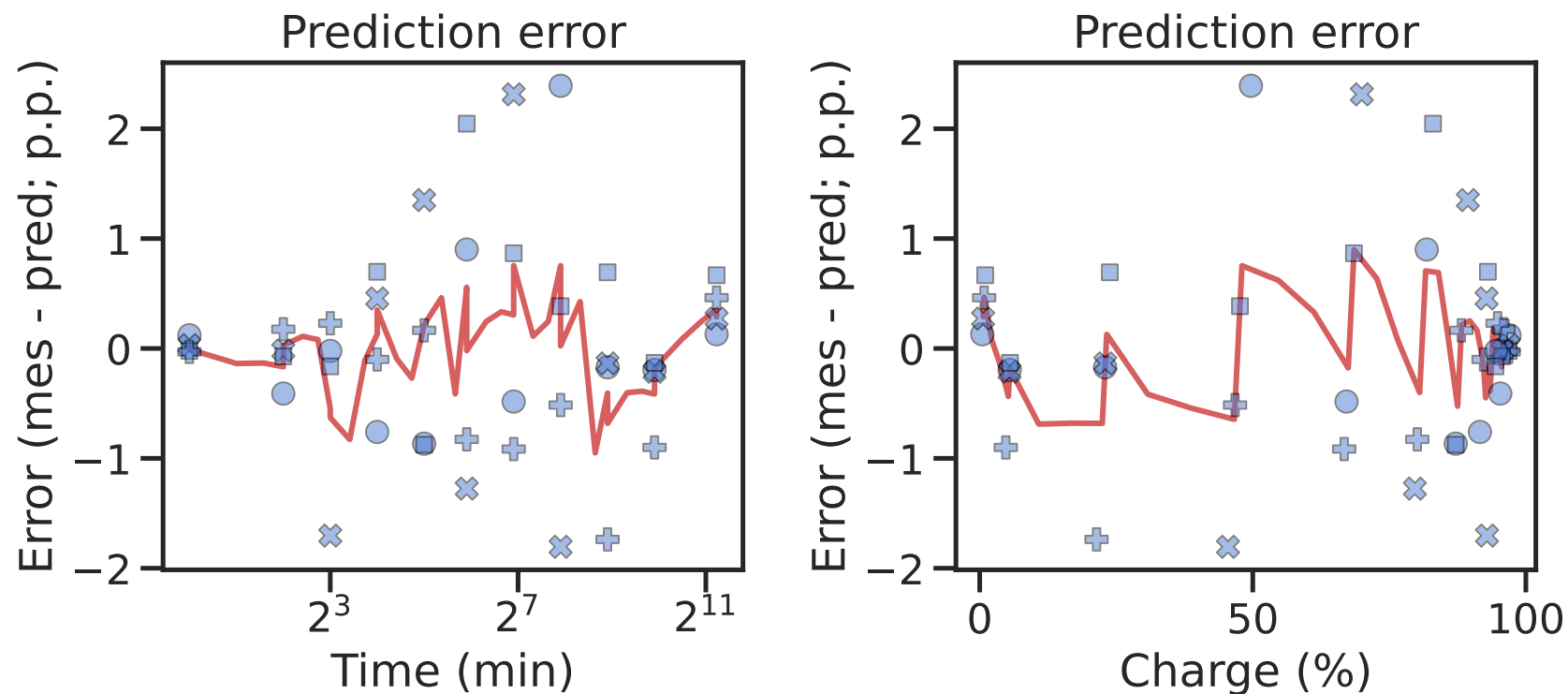
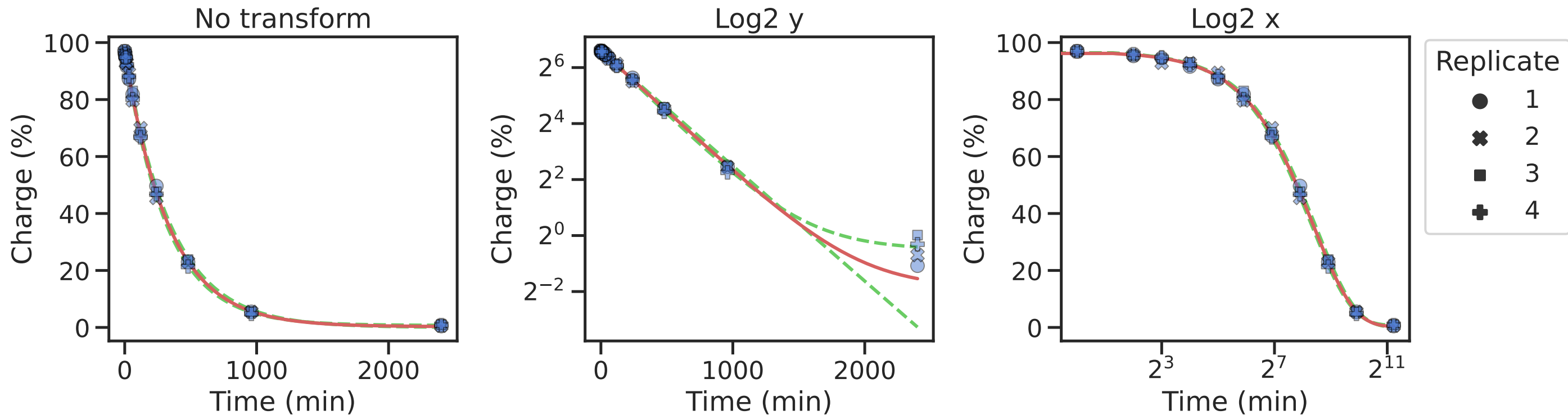
Arg-TCG-4-1 half-life=216 min, 95% CI (210; 220)



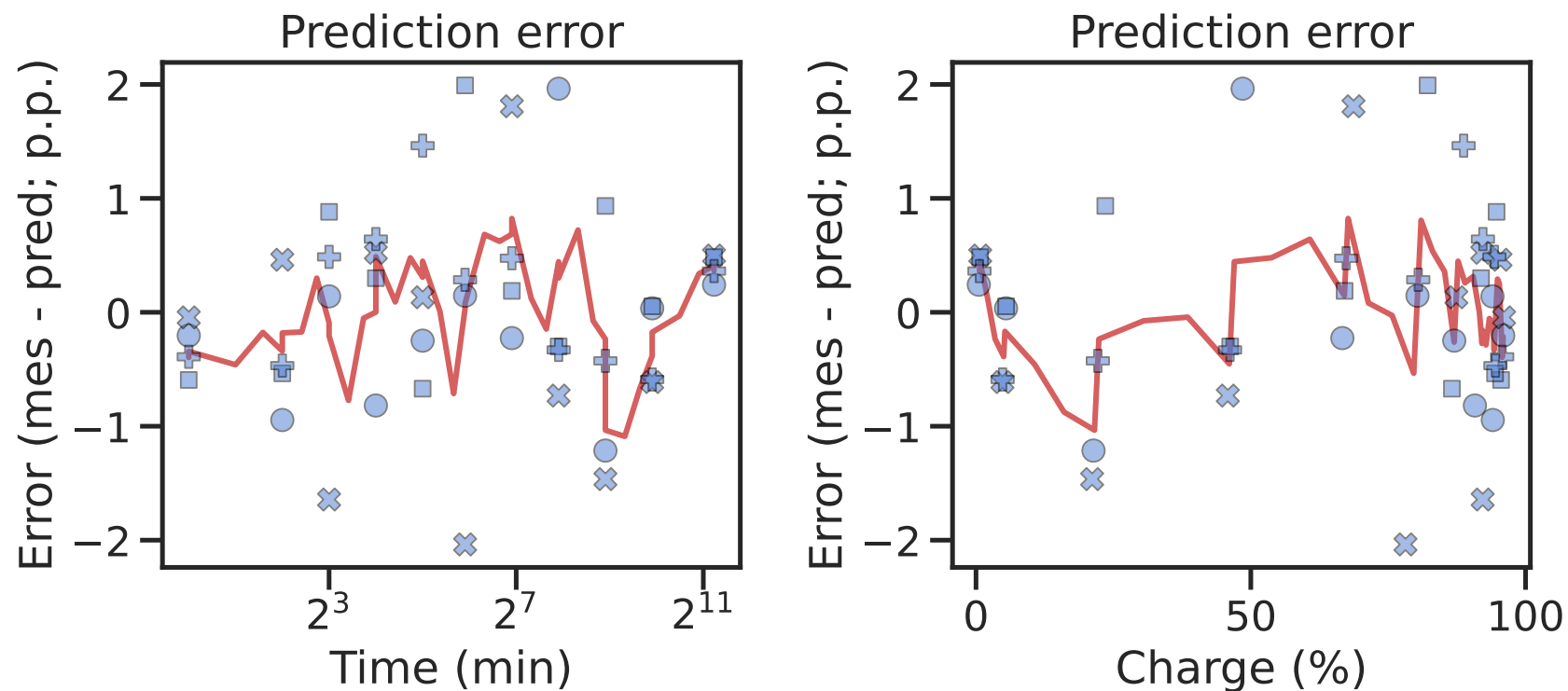
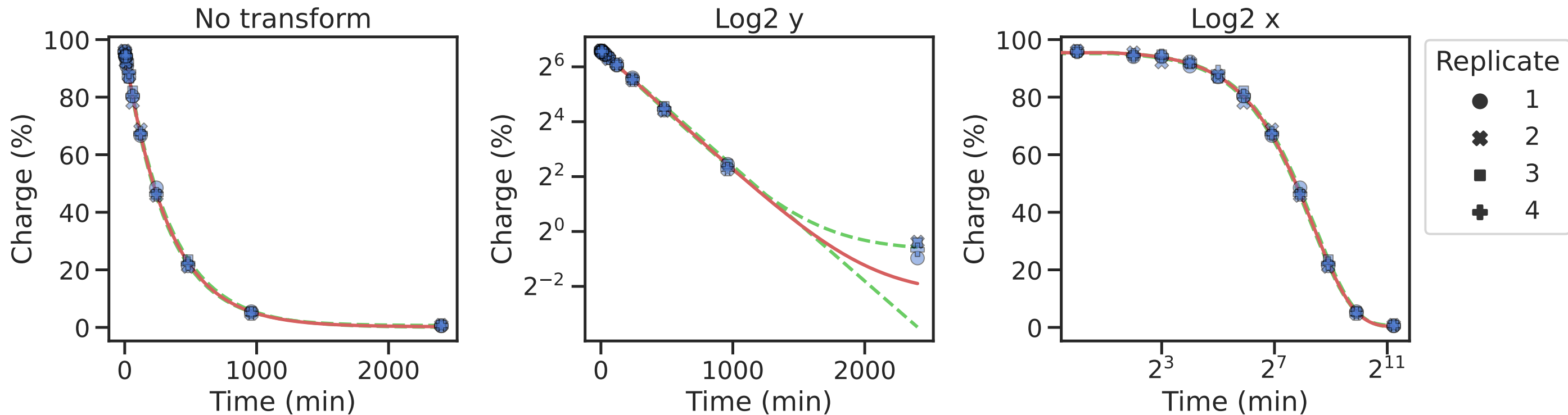
Arg-TCG-5-1 half-life=203min, 95% CI (199; 208)



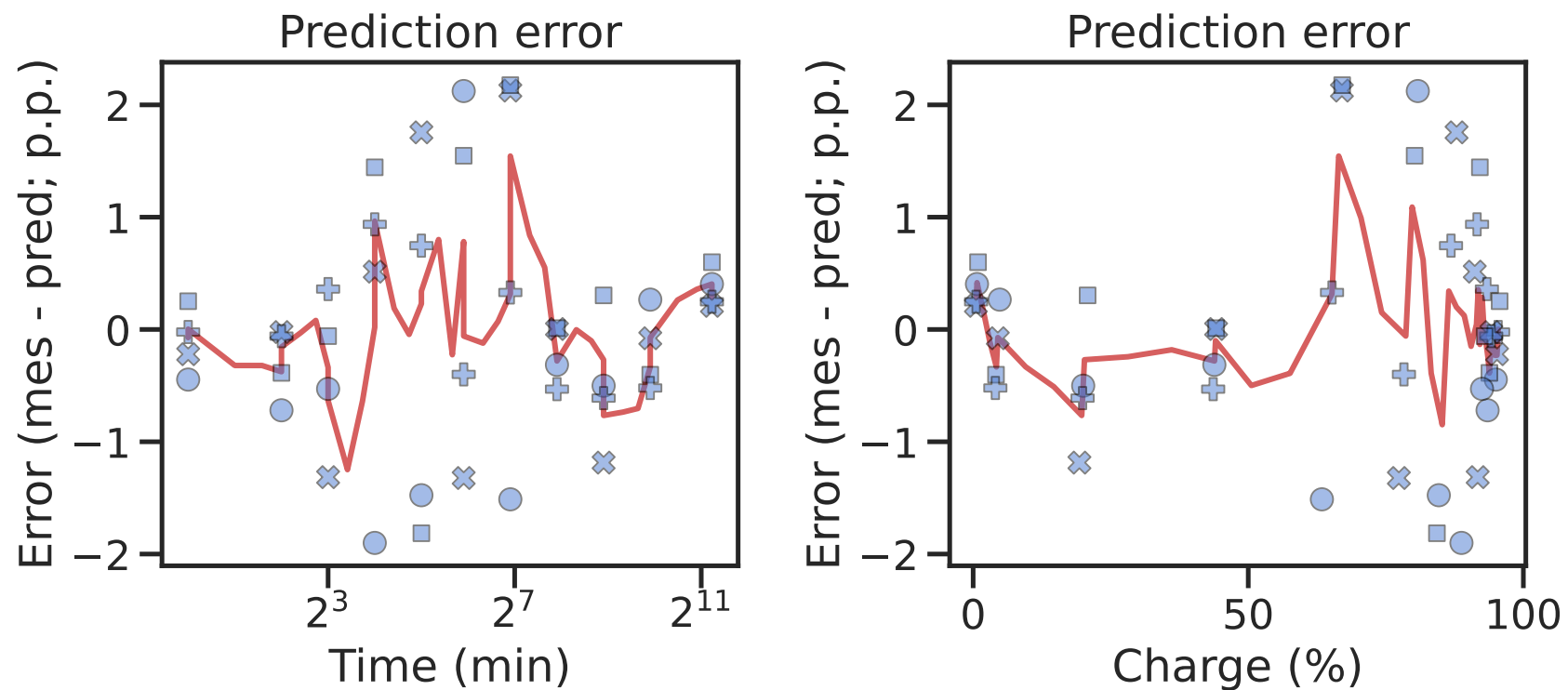
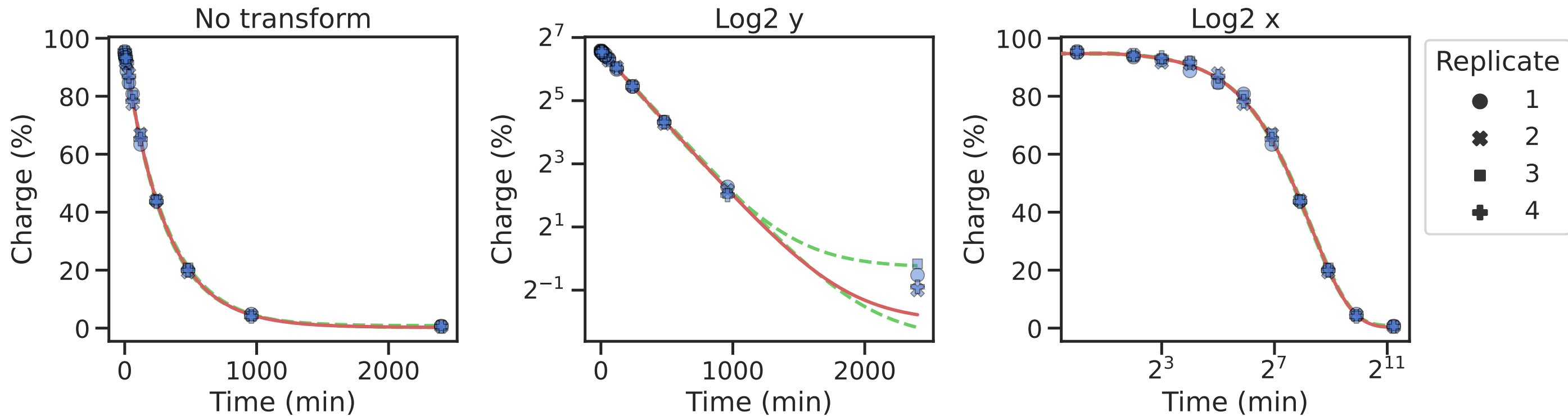
Arg-TCT-1-1 half-life=231 min, 95% CI (219; 243)



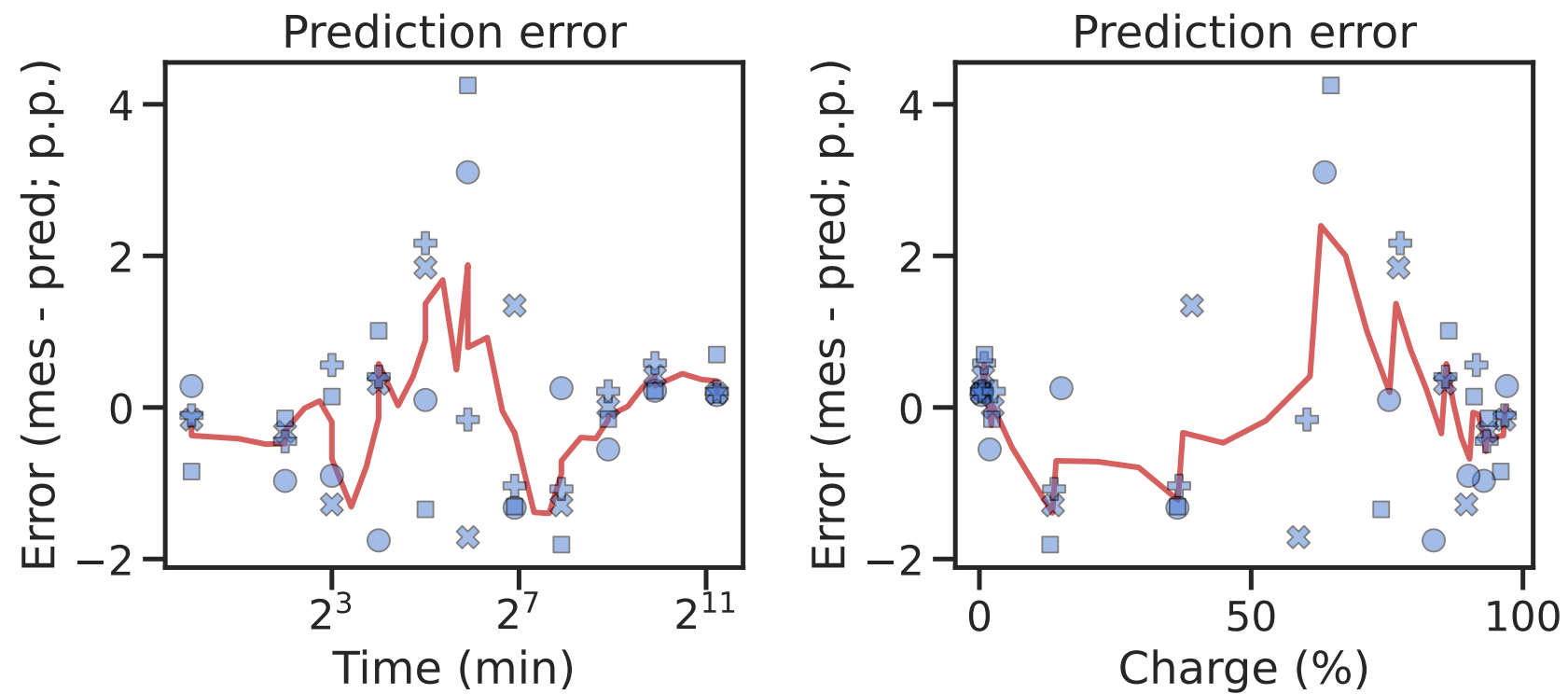
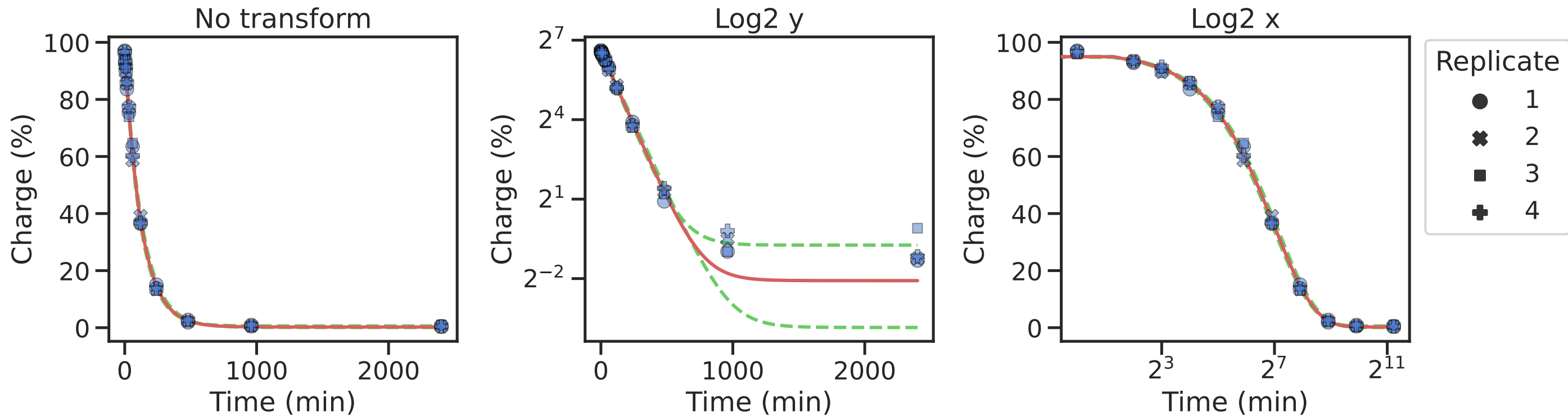
Arg-TCT-2-1 half-life=229 min, 95% CI (221; 238)



Arg-TCT-4-1 half-life=215 min, 95% CI (208; 221)

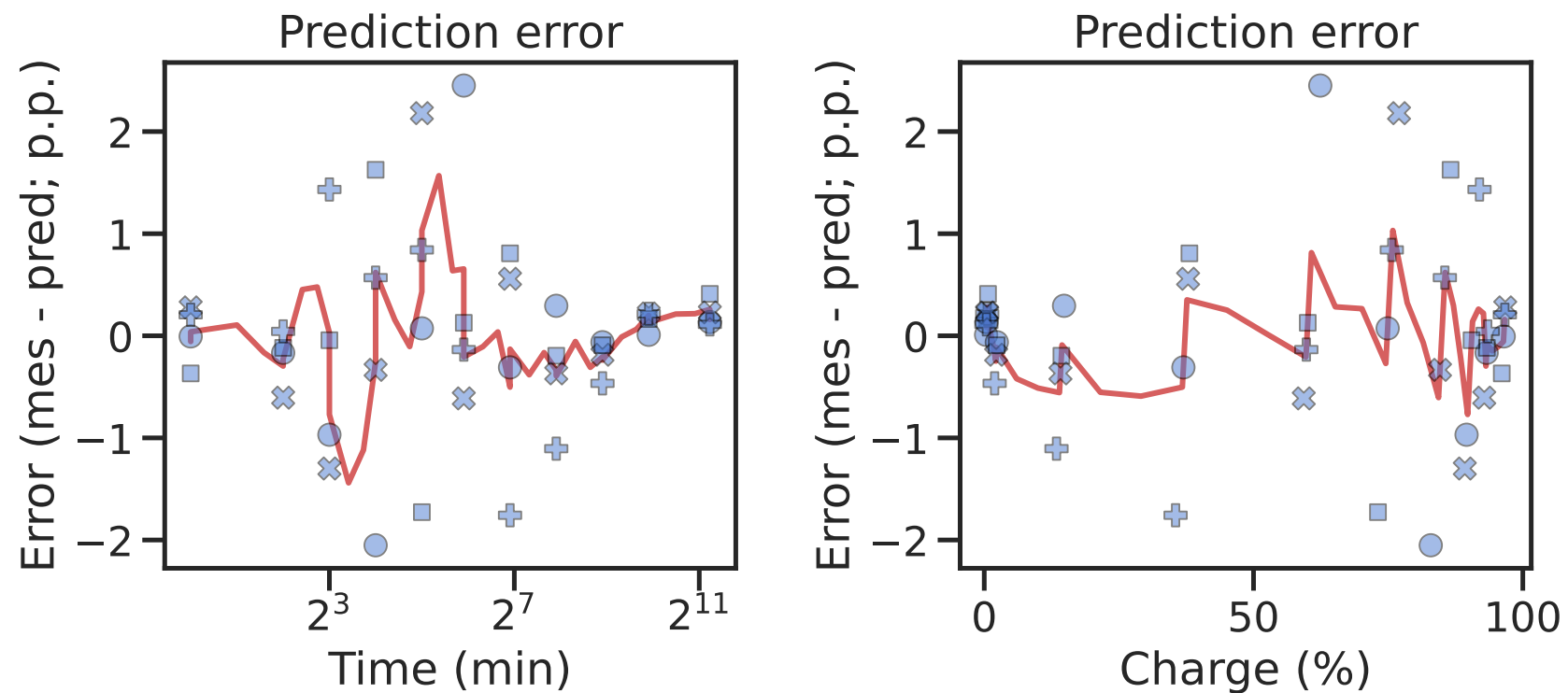
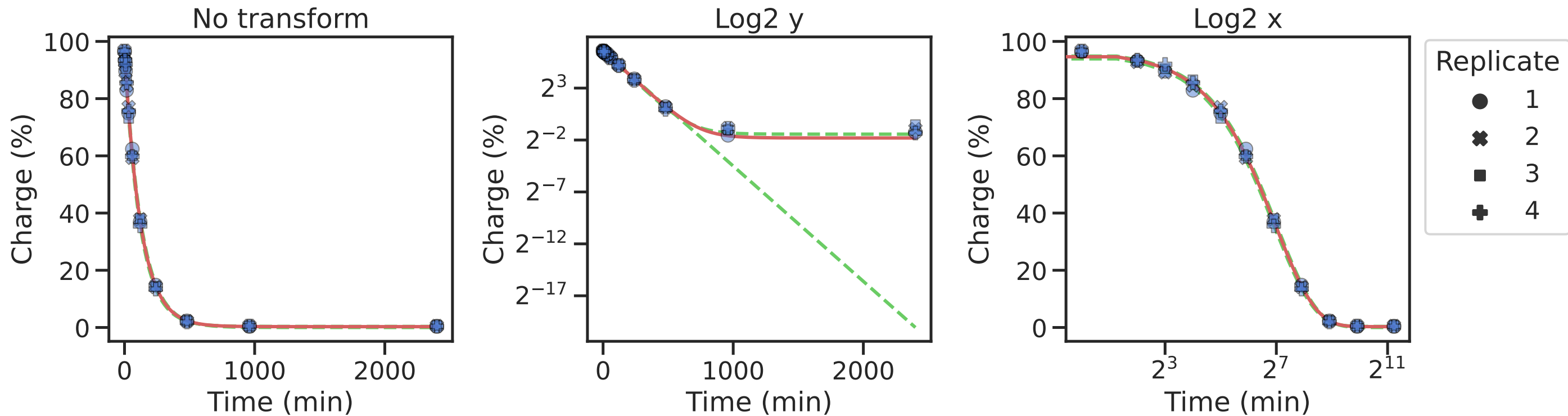


Asn-GTT-1-1 half-life=88 min, 95% CI (84; 93)

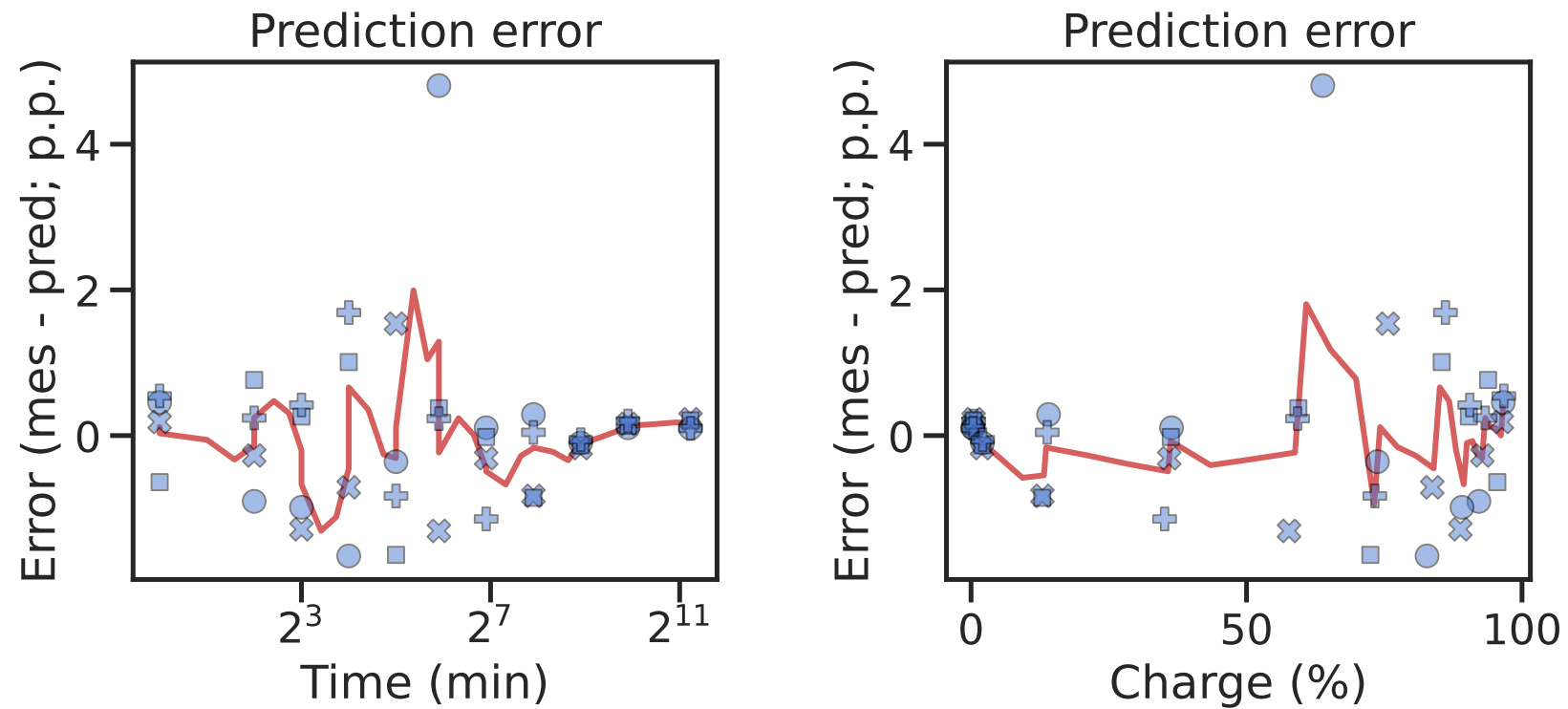
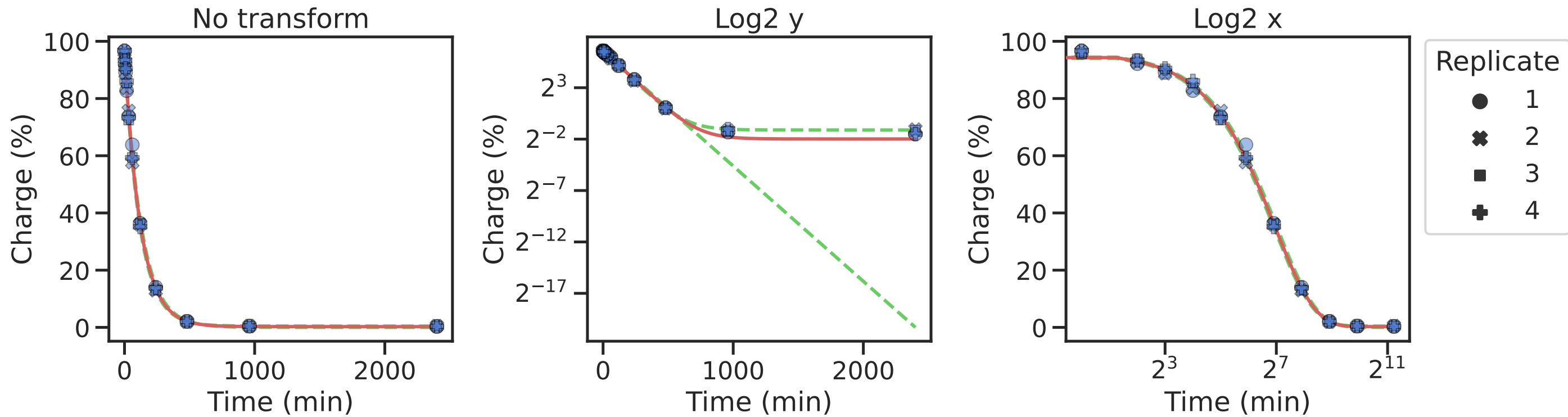




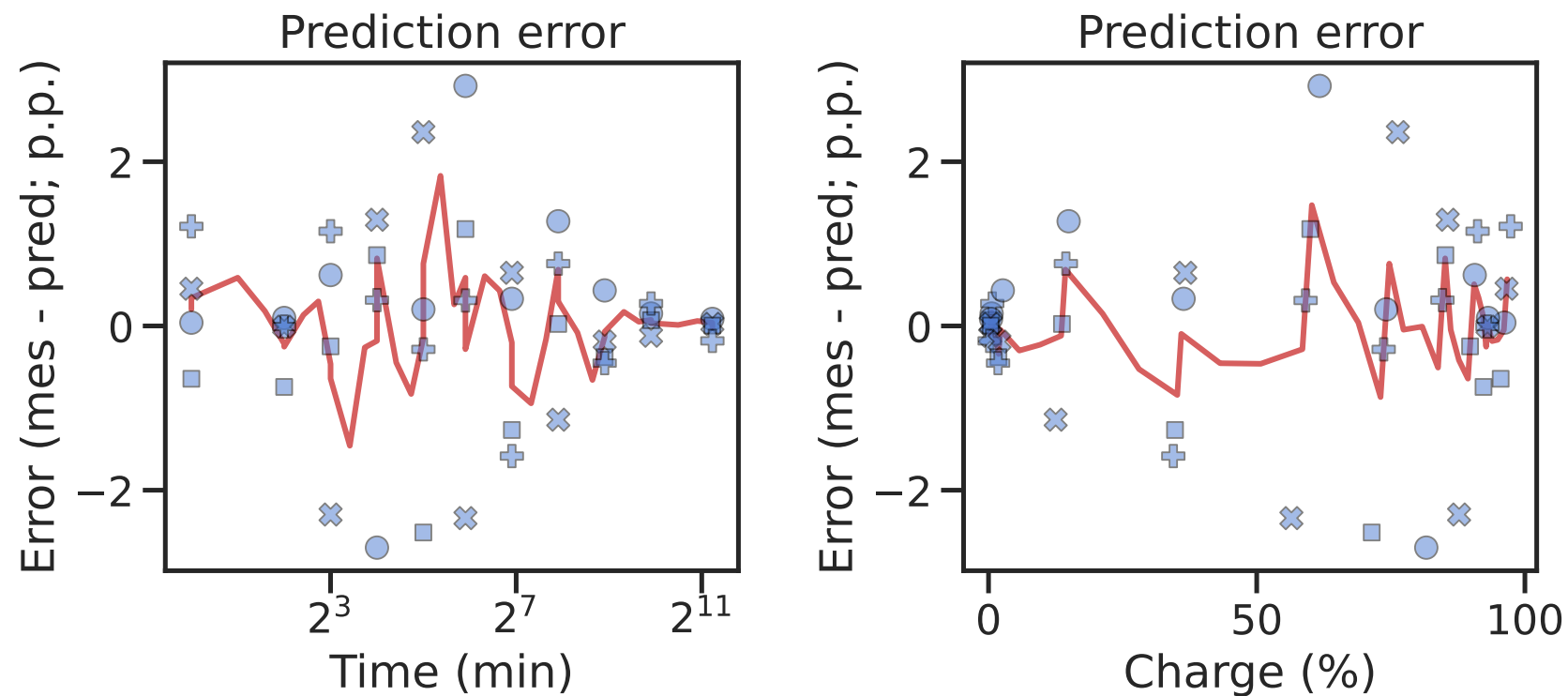
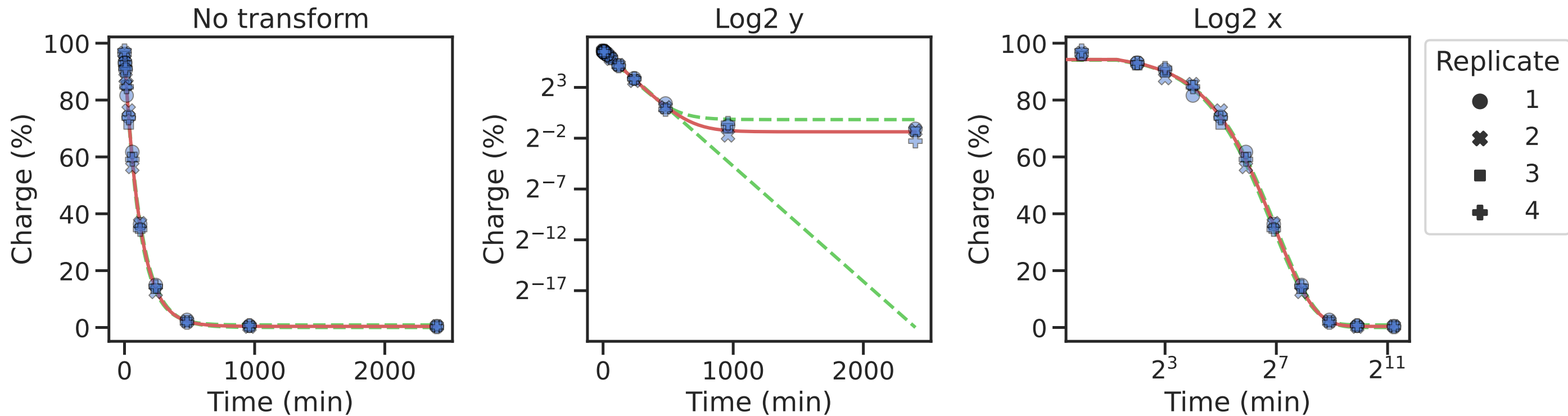
Asn-GTT-2-8 half-life=87 min, 95% CI (84; 90)



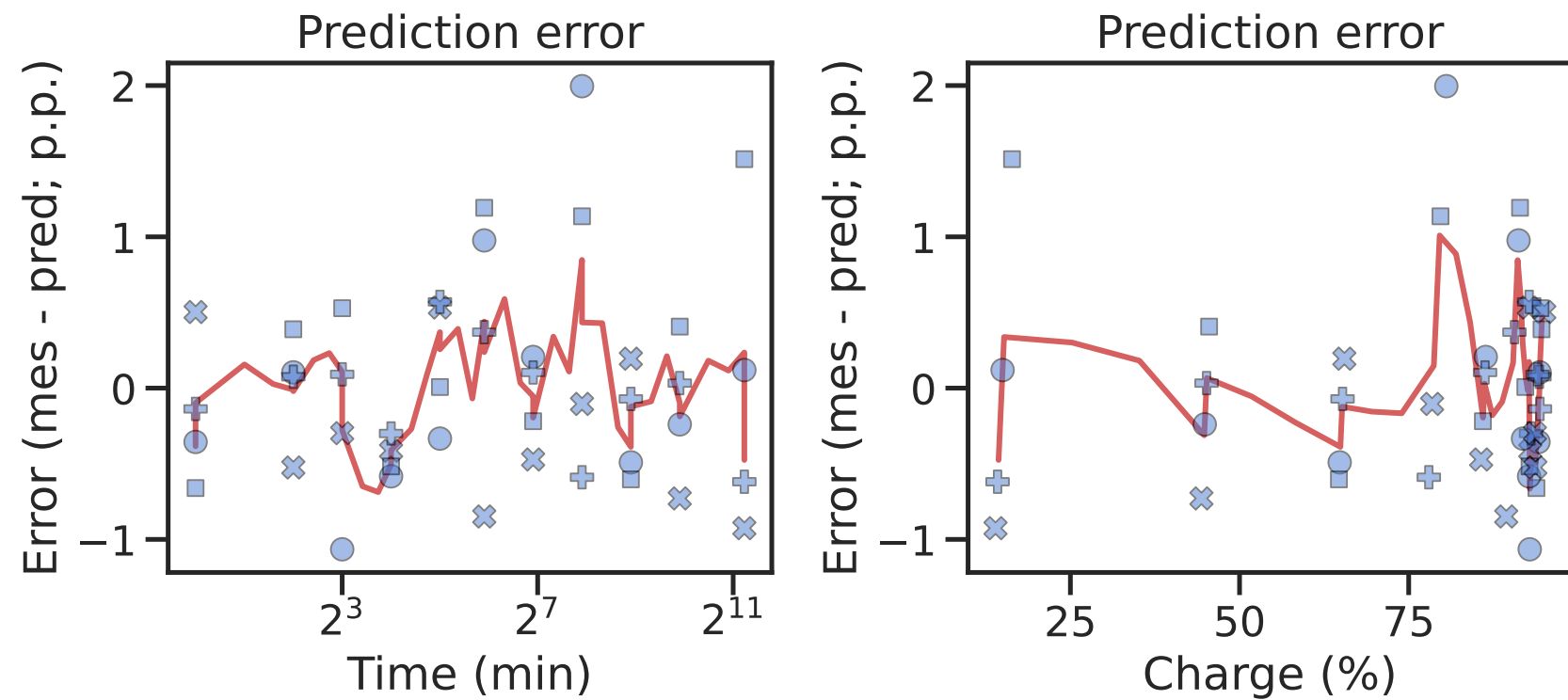
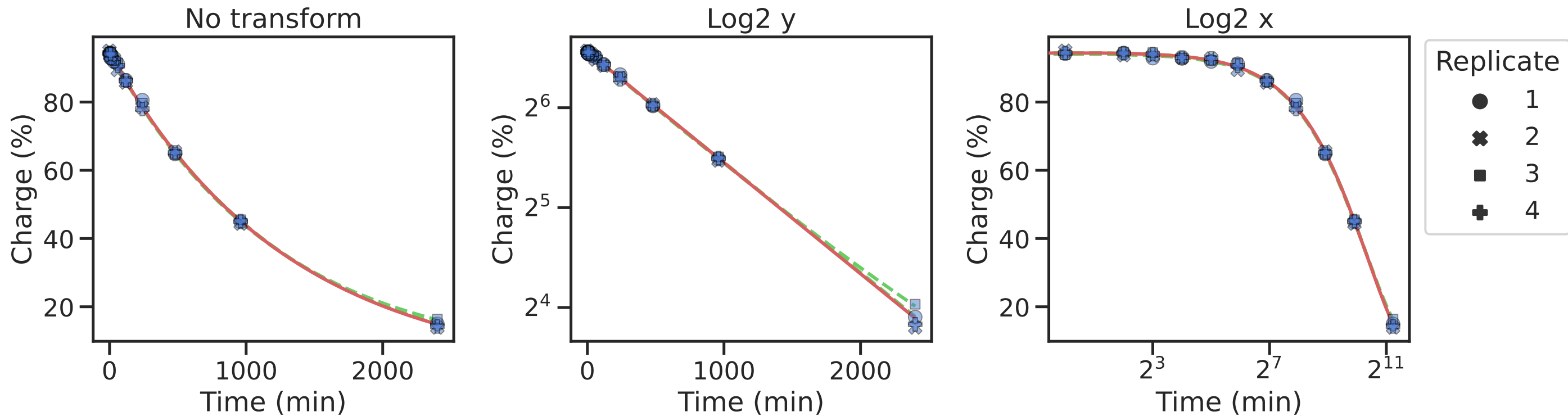
Asn-GTT-3-1 half-life=85 min, 95% CI (82; 89)



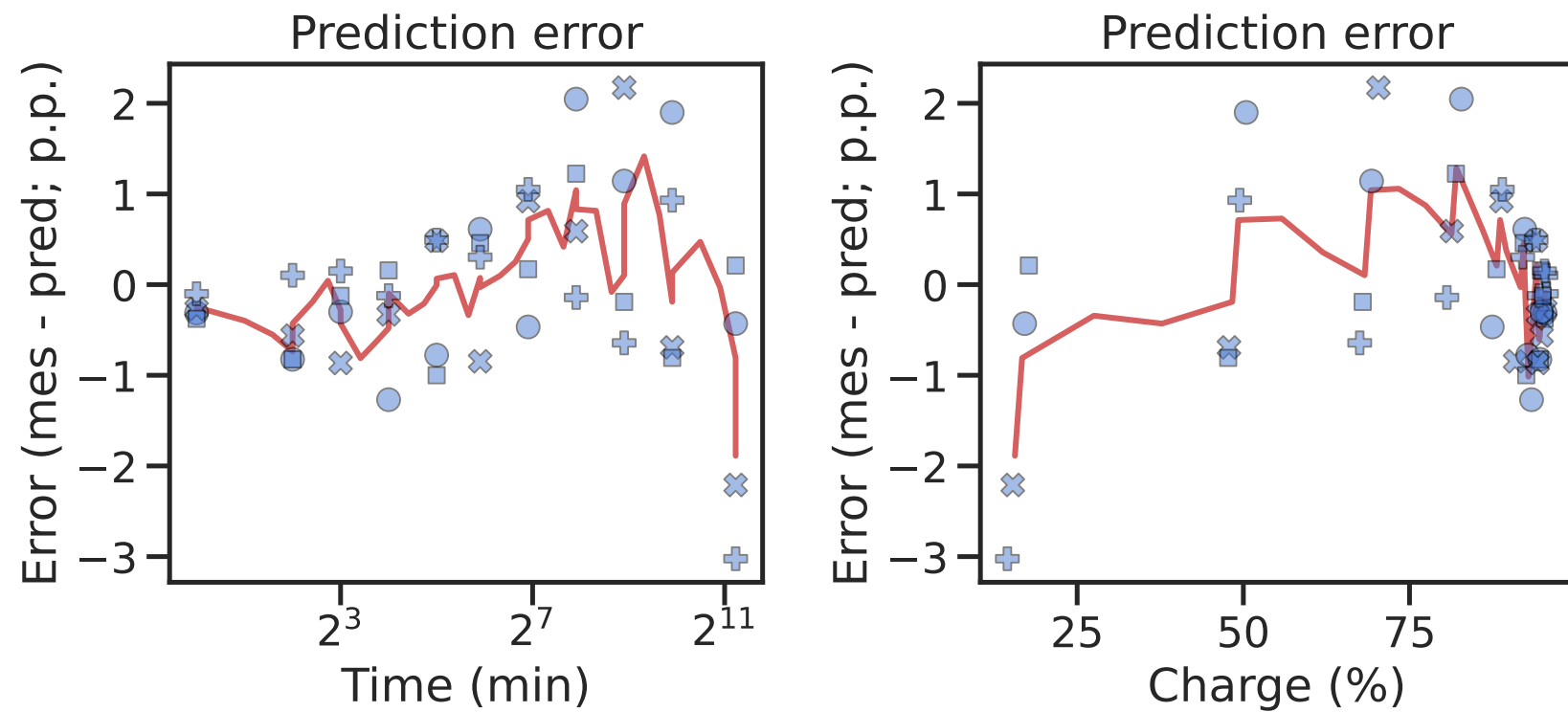
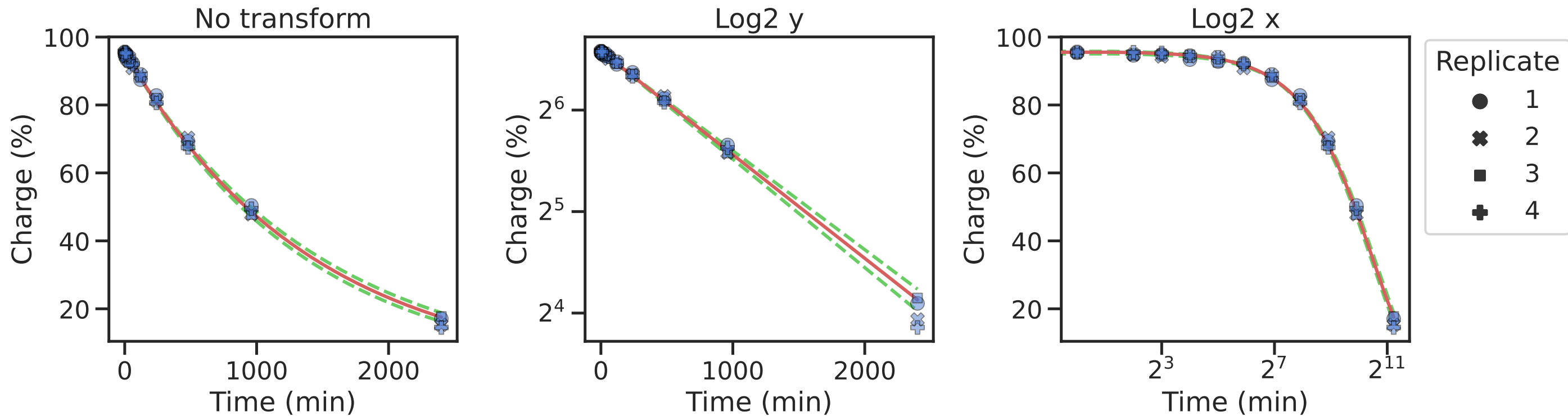
Asn-GTT-5-1 half-life=84 min, 95% CI (80; 88)



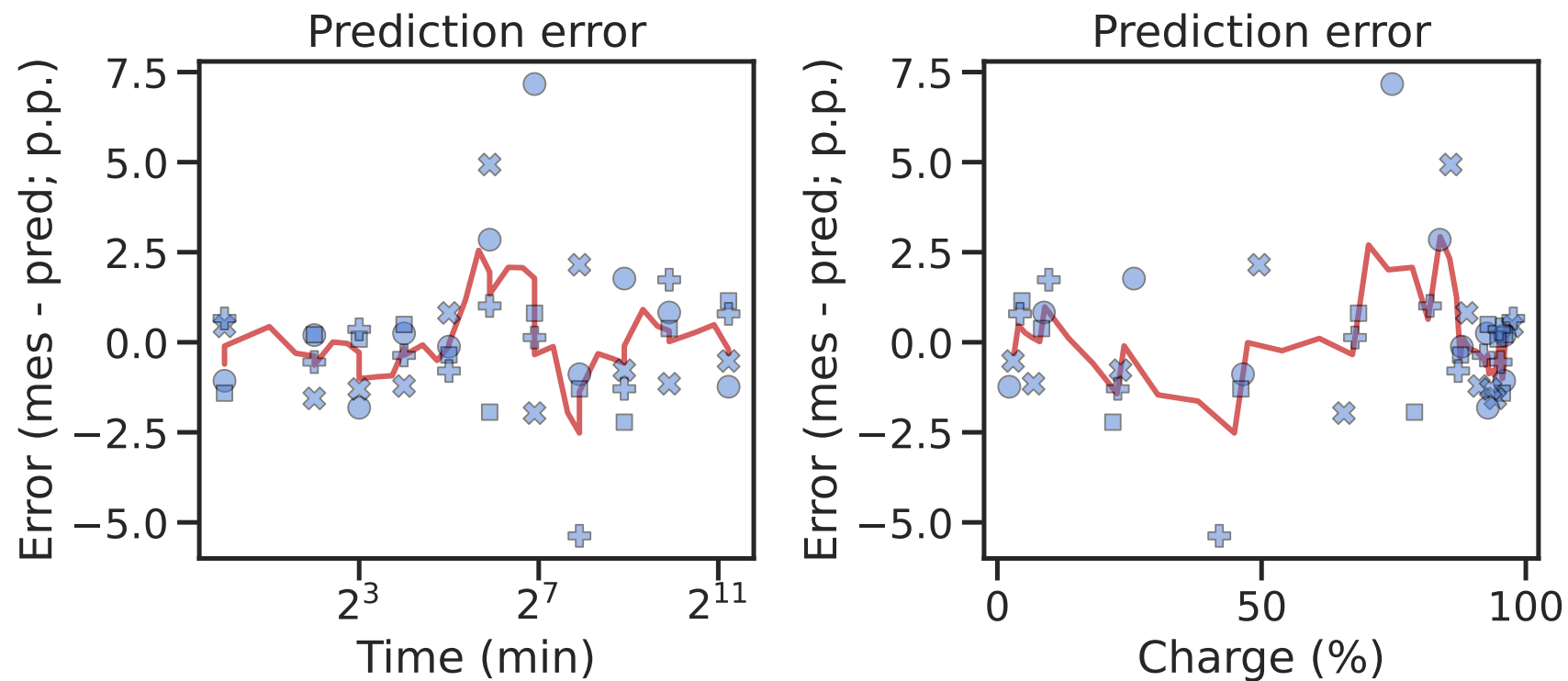
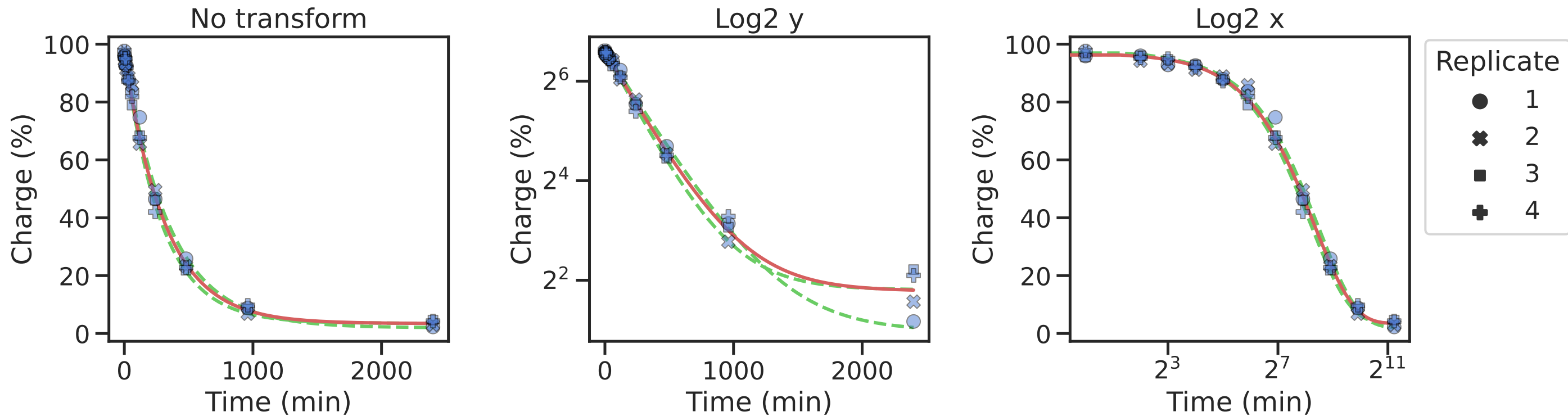
Asp-GTC-1-1 half-life=899 min, 95% CI (843; 907)



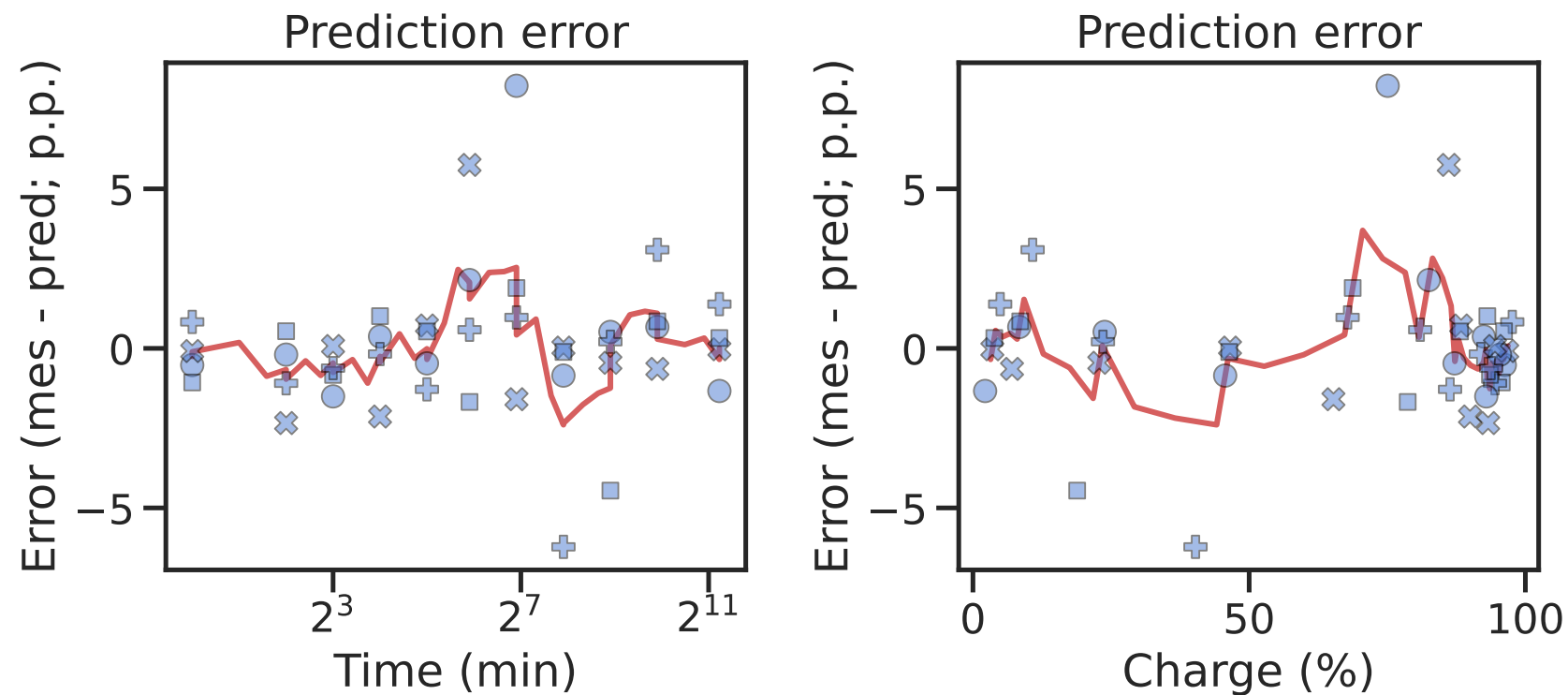
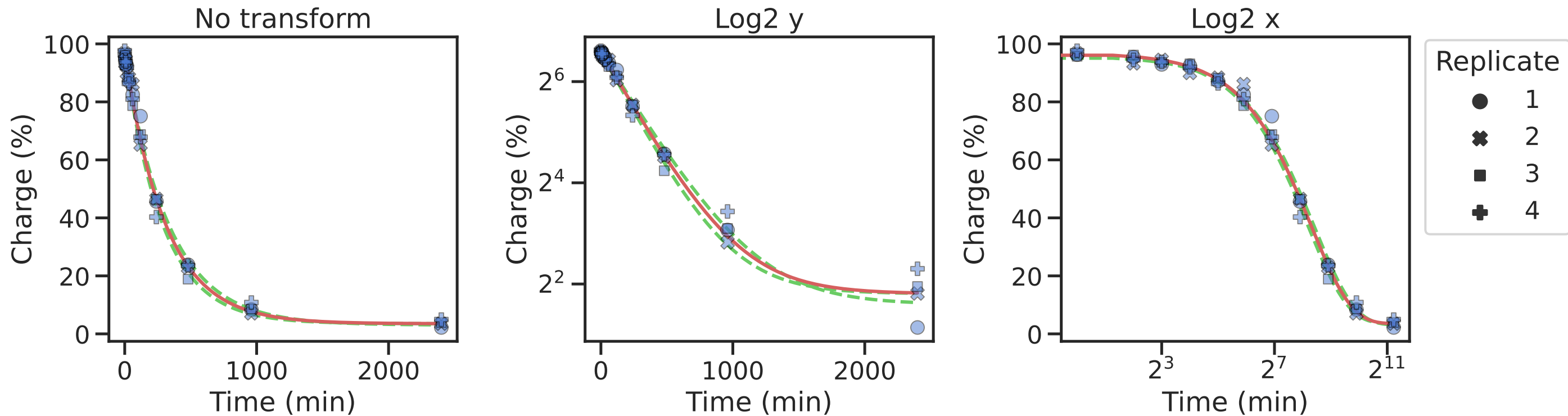
Asp-GTC-2-1 half-life=980 min, 95% CI (936; 1027)



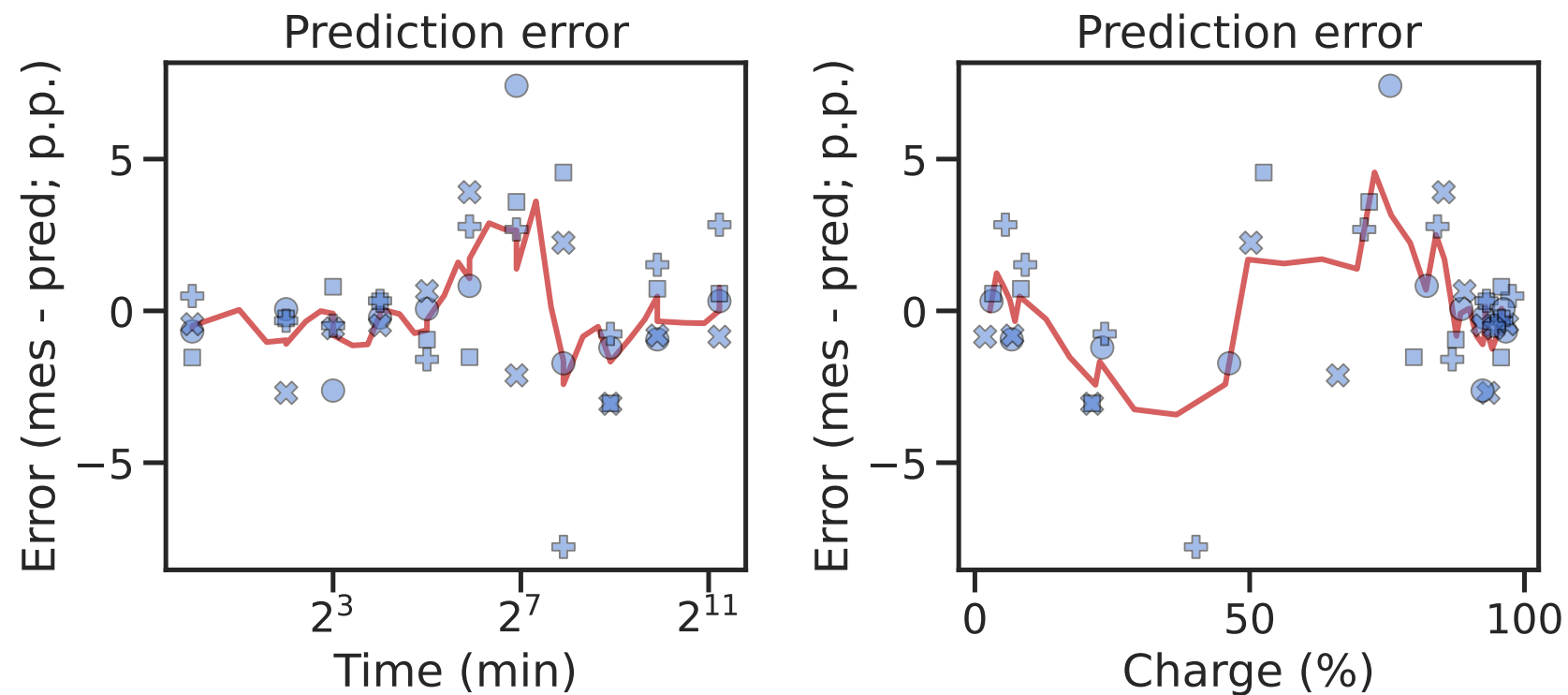
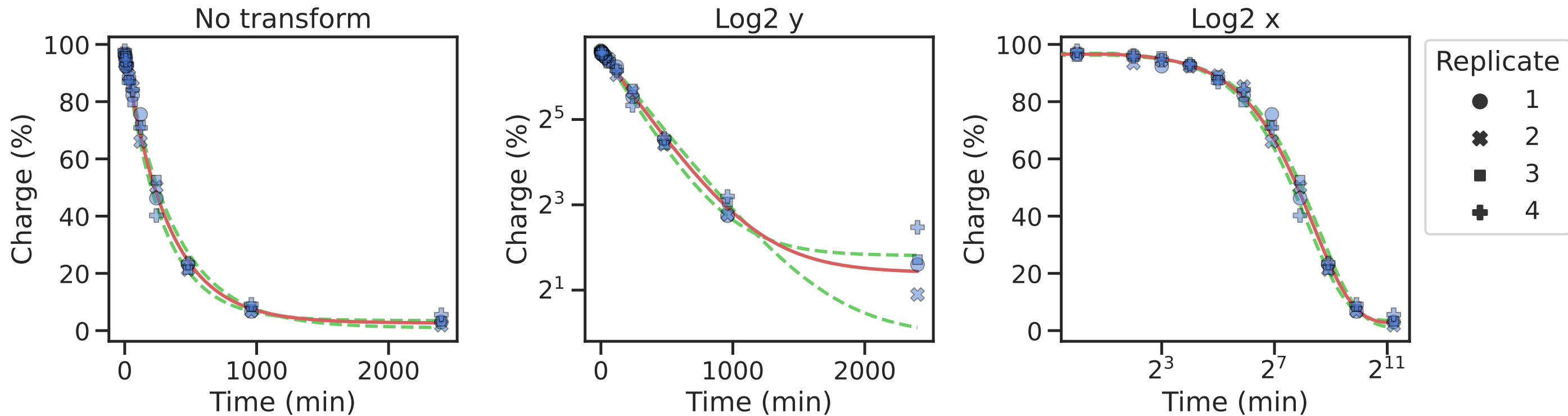
Cys-GCA-2-2 half-life=220 min, 95% CI (200; 245)



Cys-GCA-4-1 half-life=215 min, 95% CI (200; 235)

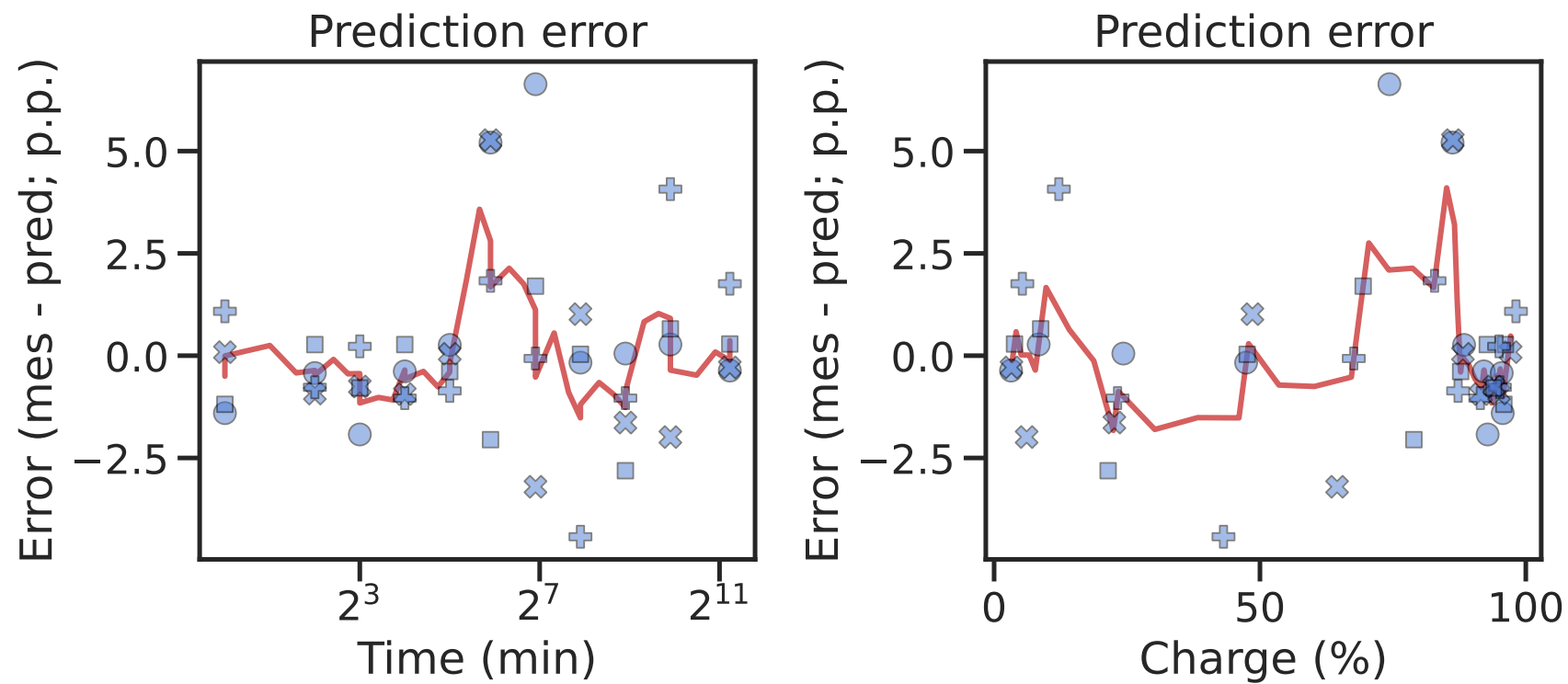
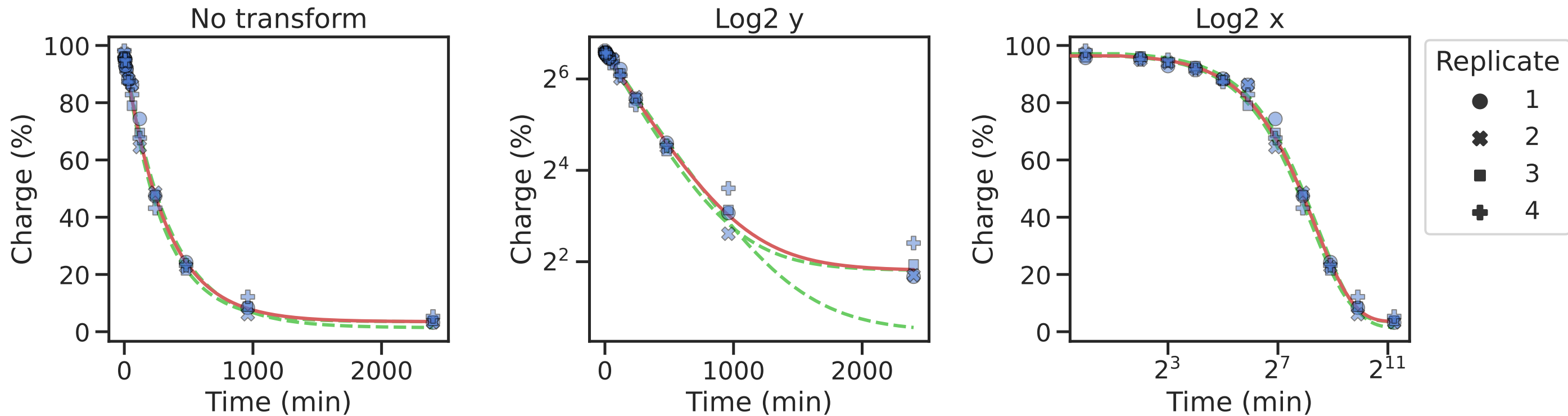


Cys-GCA-8-1 half-life=226 min, 95% CI (196; 257)

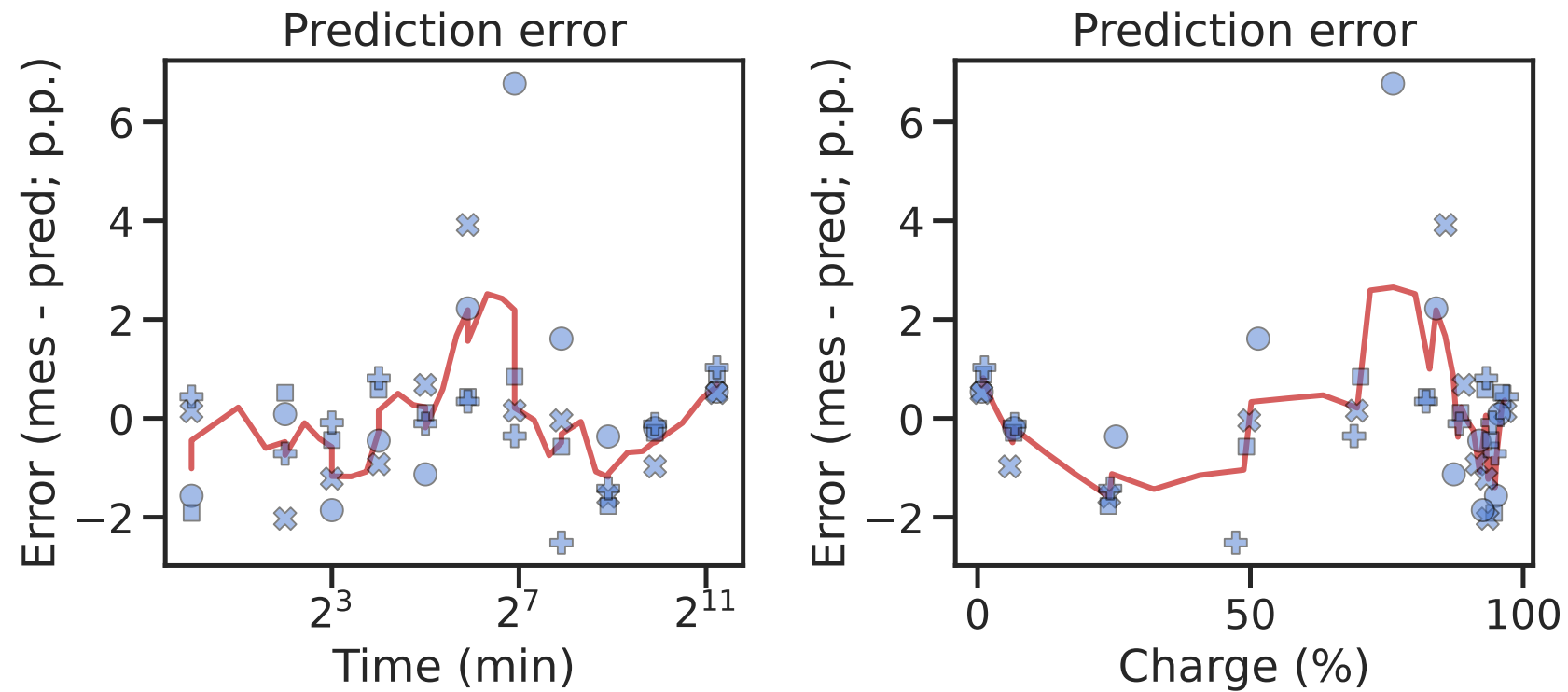
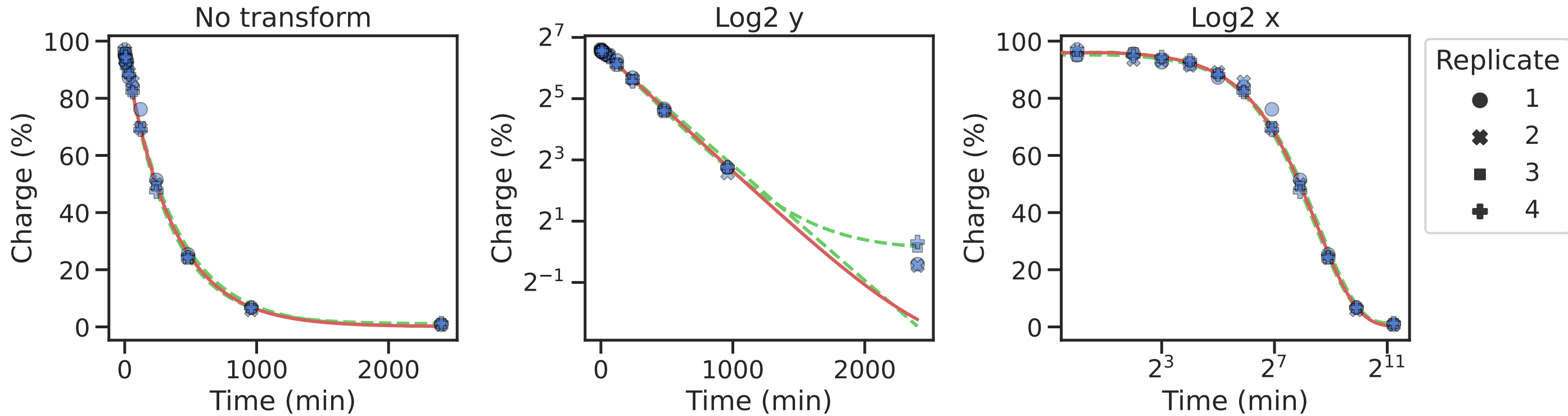




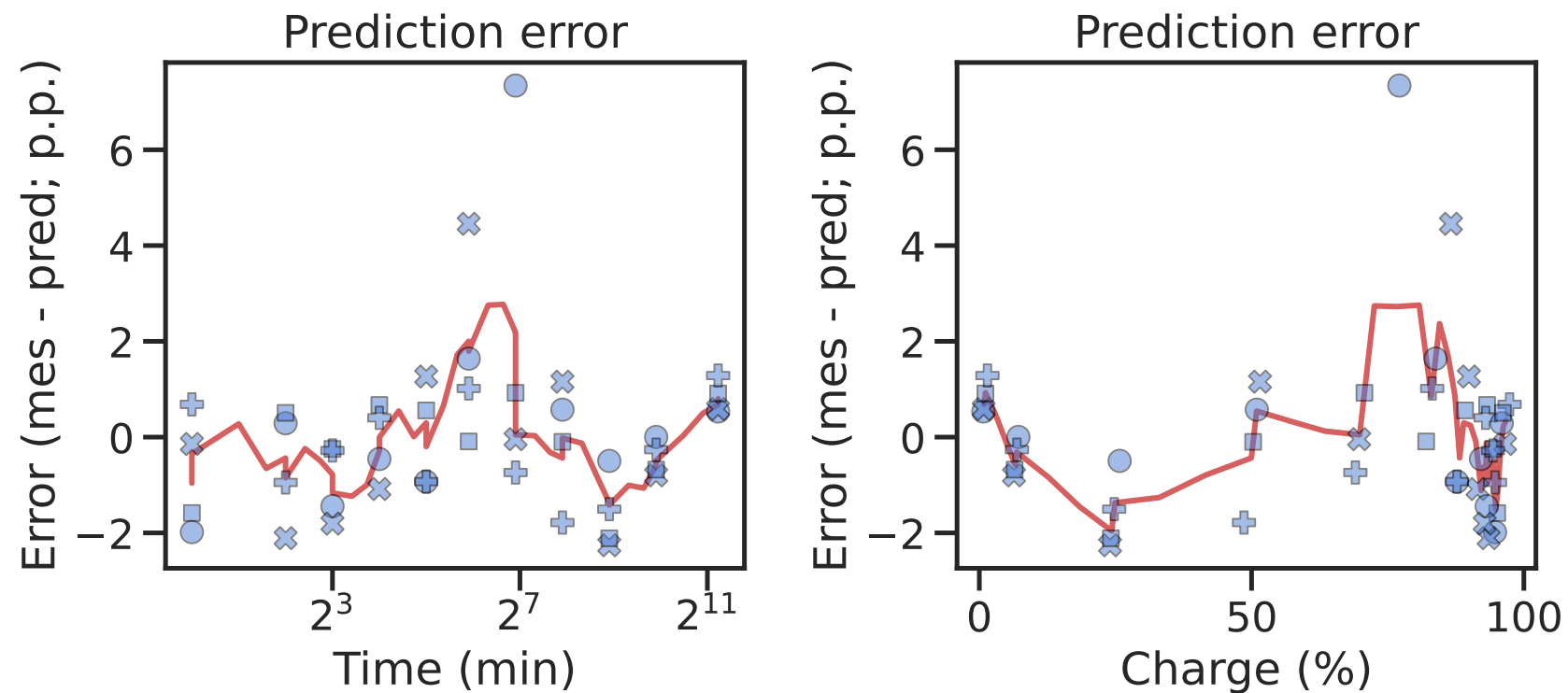
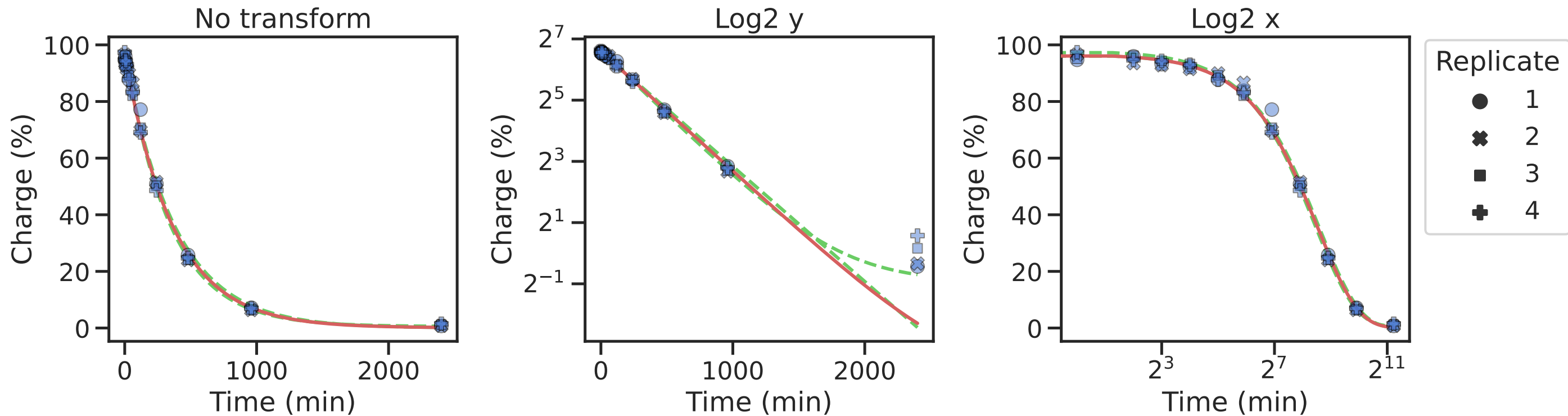
Cys-GCA-9-1 half-life=221 min, 95% CI (204; 239)



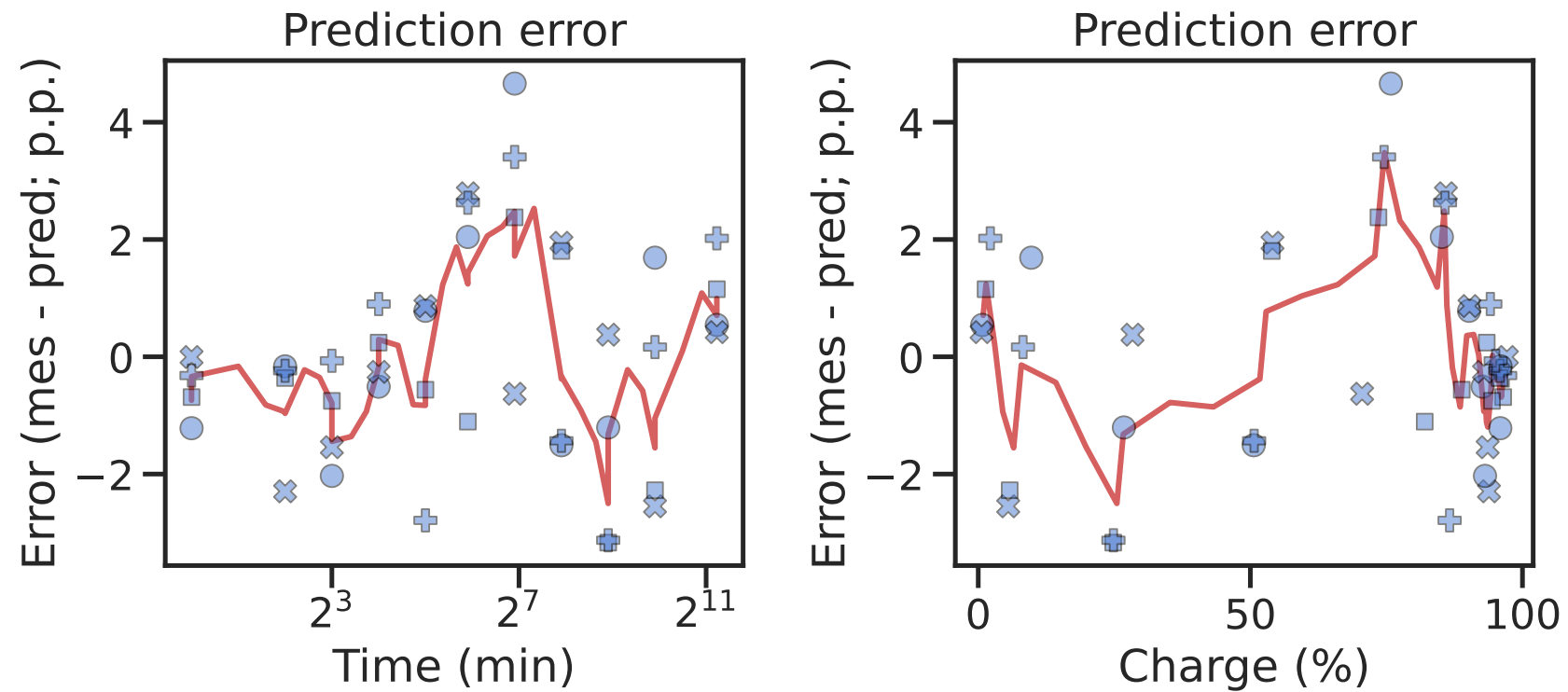
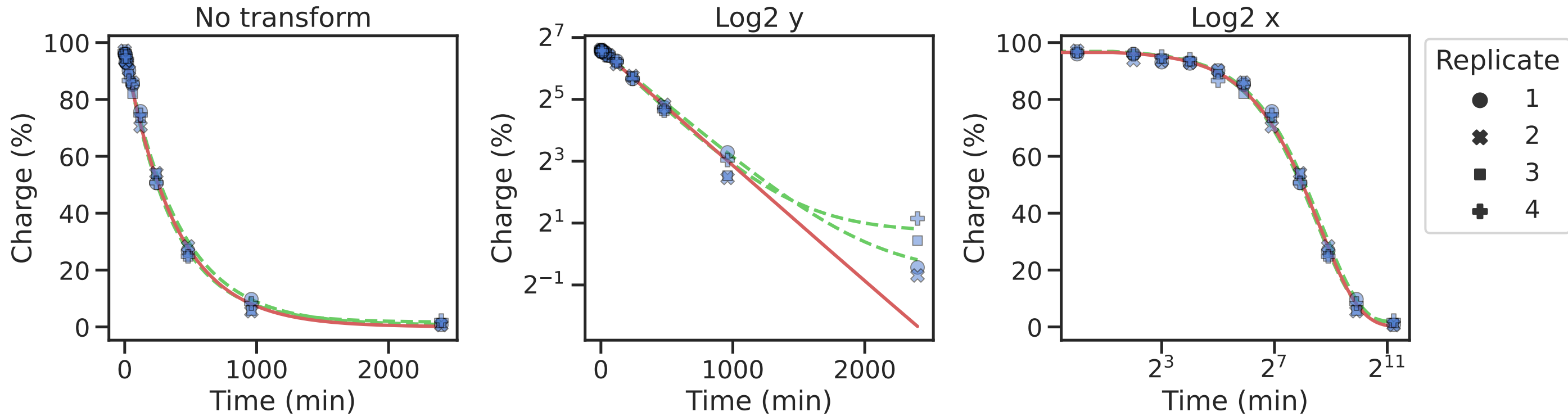
Gln-CTG-1-4 half-life=251 min, 95% CI (236; 266)



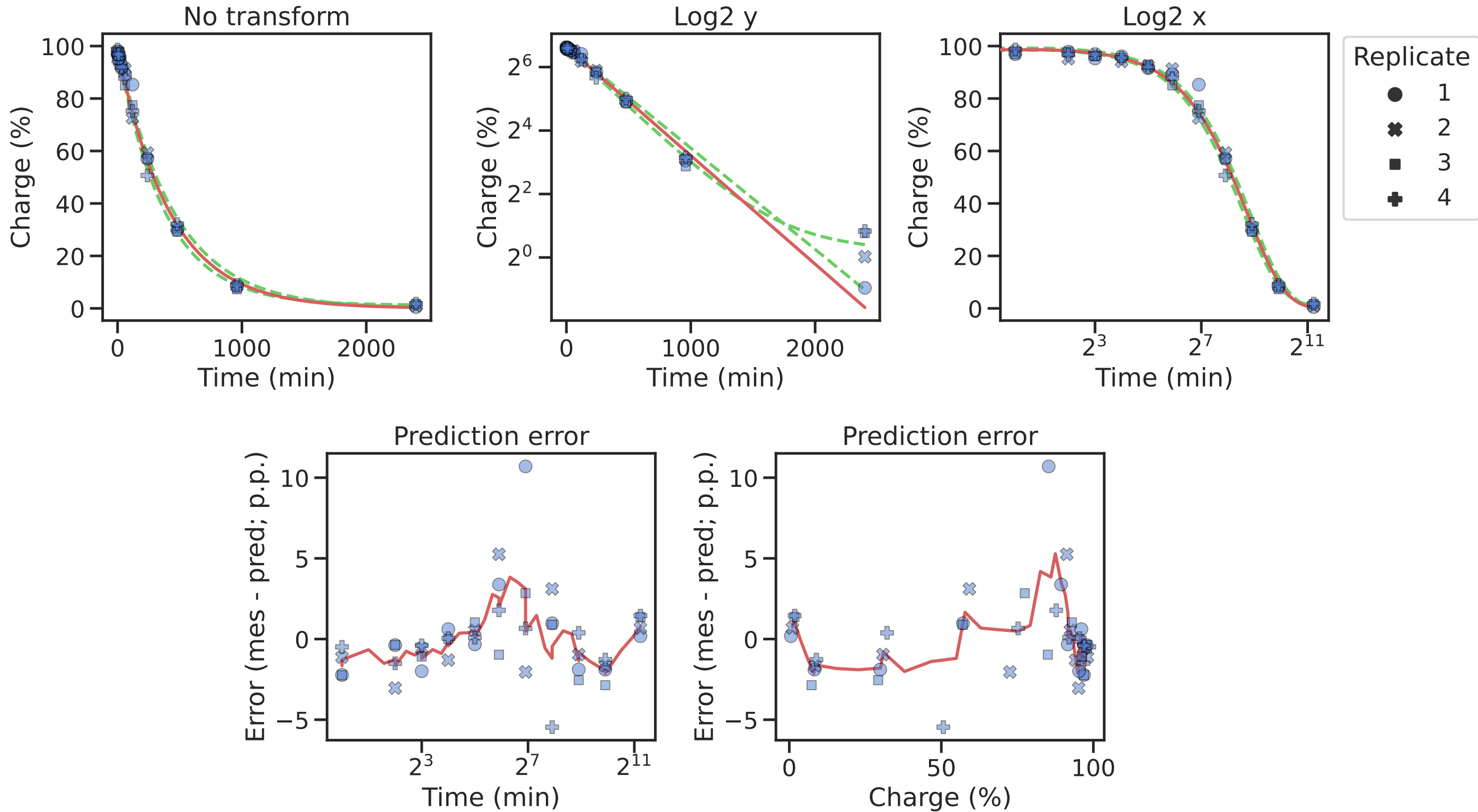
Gln-CTG-2-1 half-life=255 min, 95% CI (240; 266)



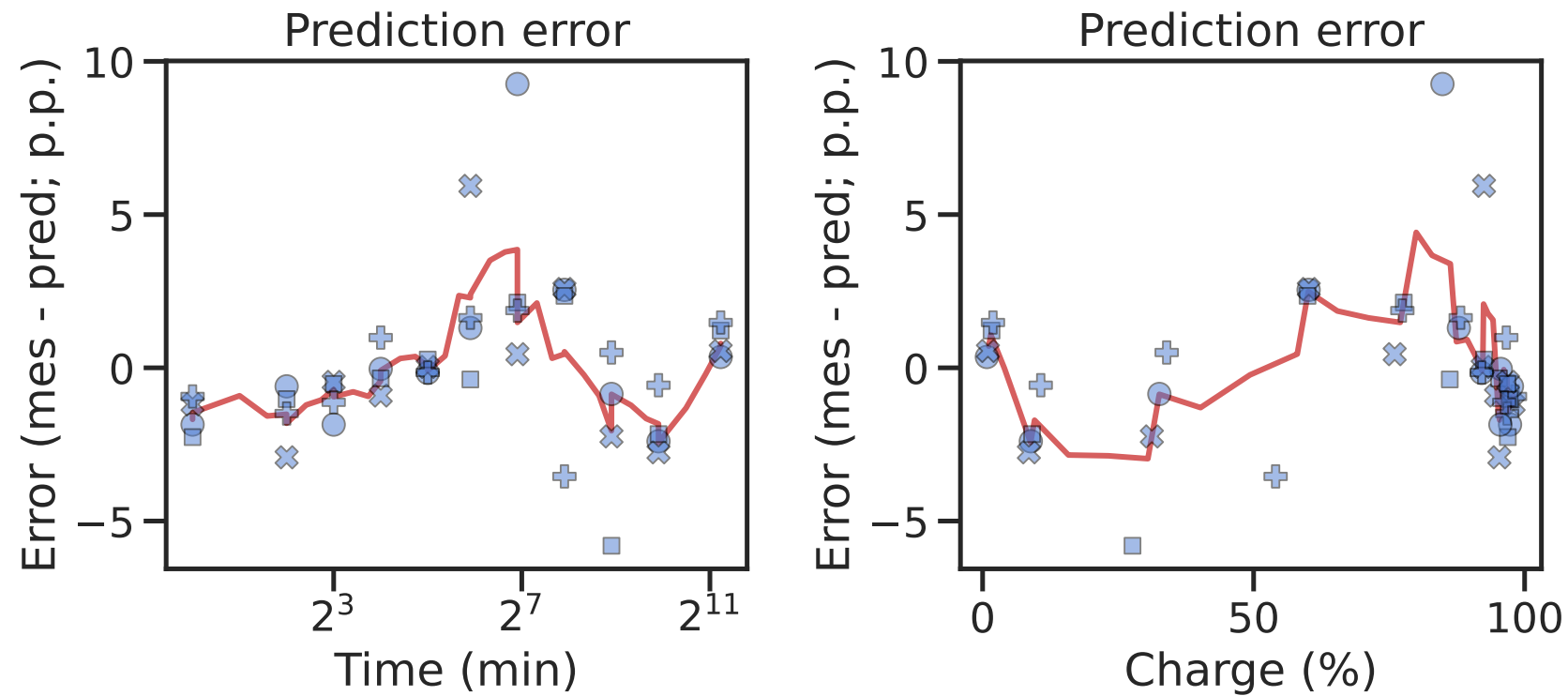
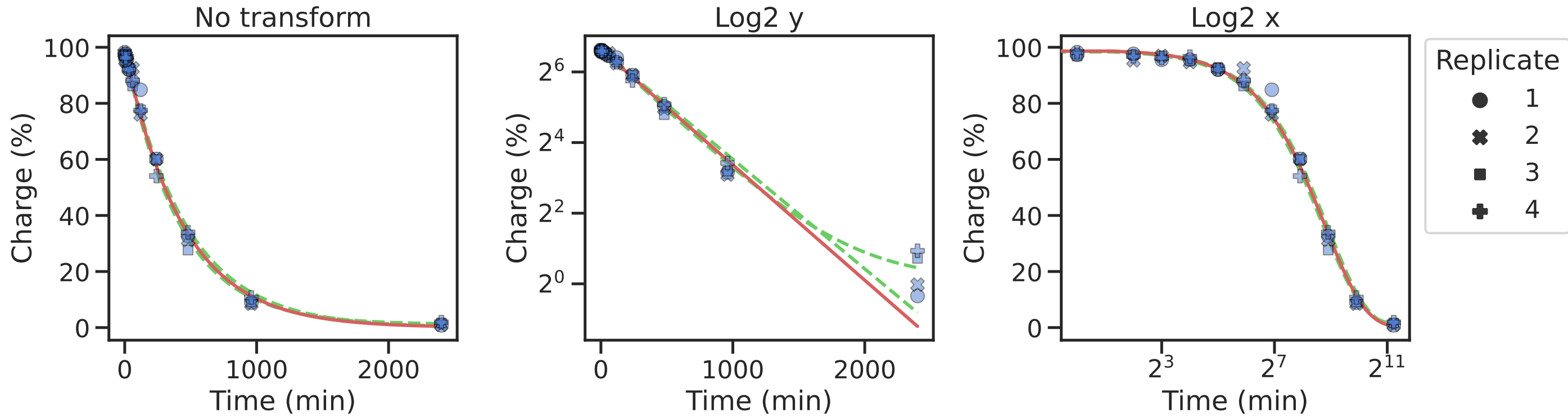
Gln-CTG-4-2 half-life=267 min, 95% CI (249; 281)



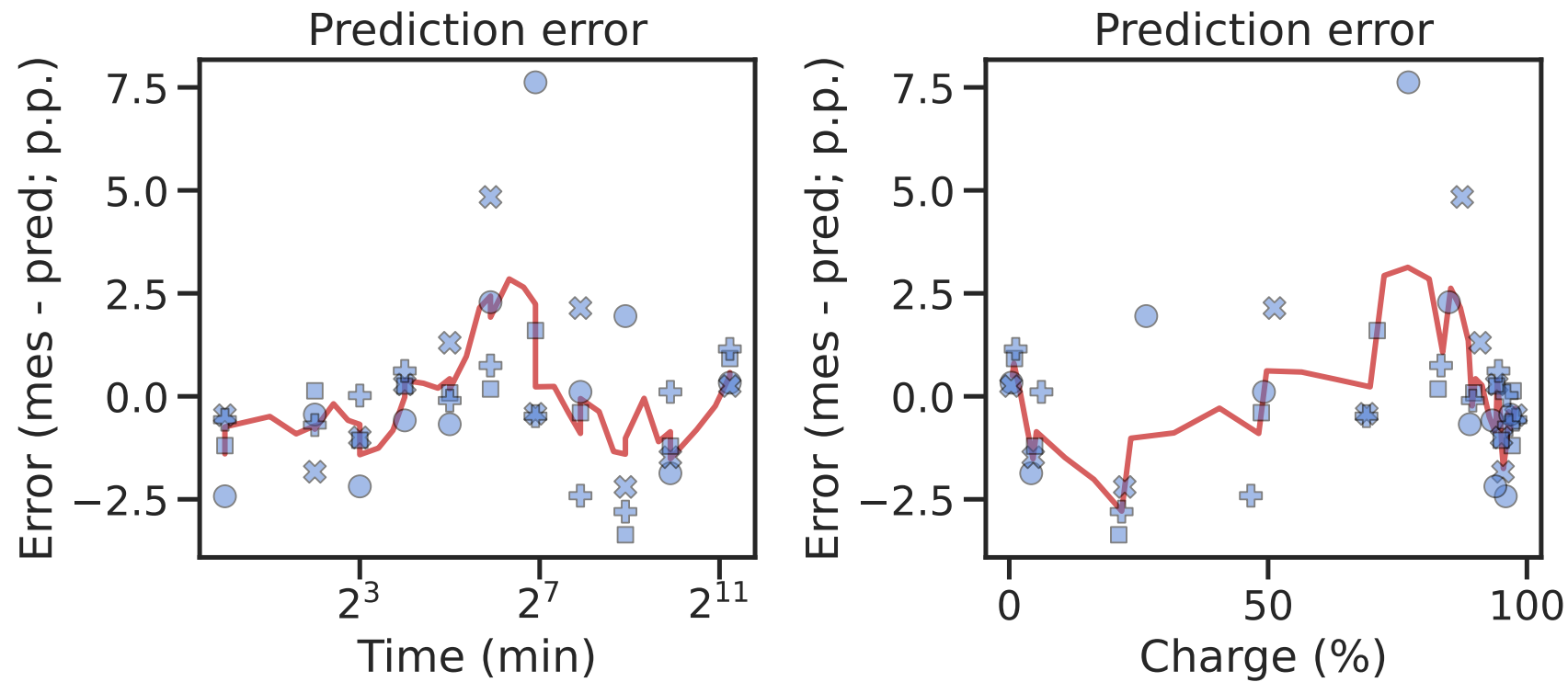
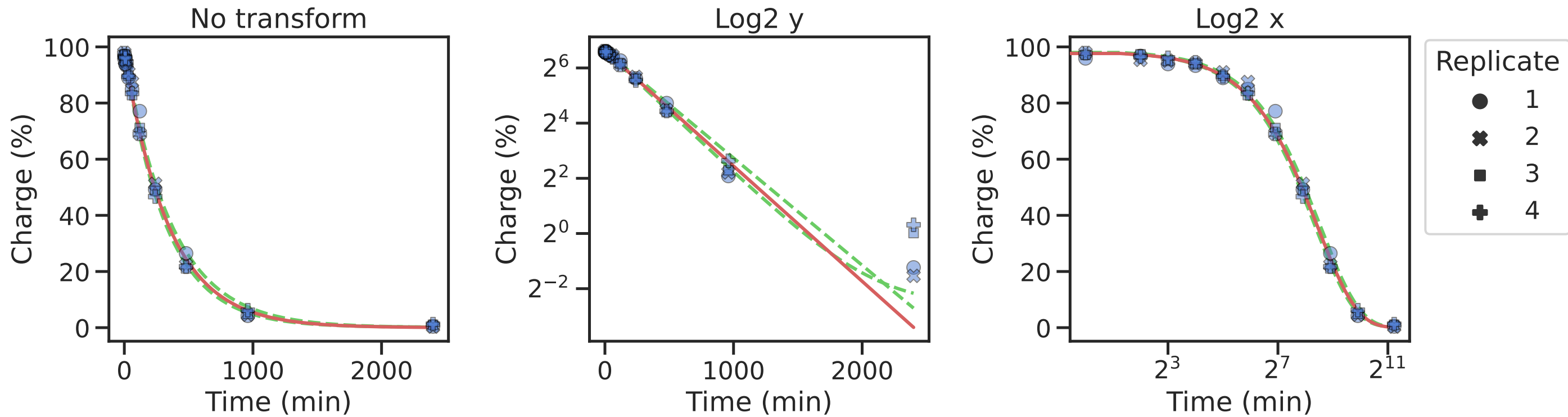
Gln-TTG-1-1 half-life=292 min, 95% CI (262; 313)



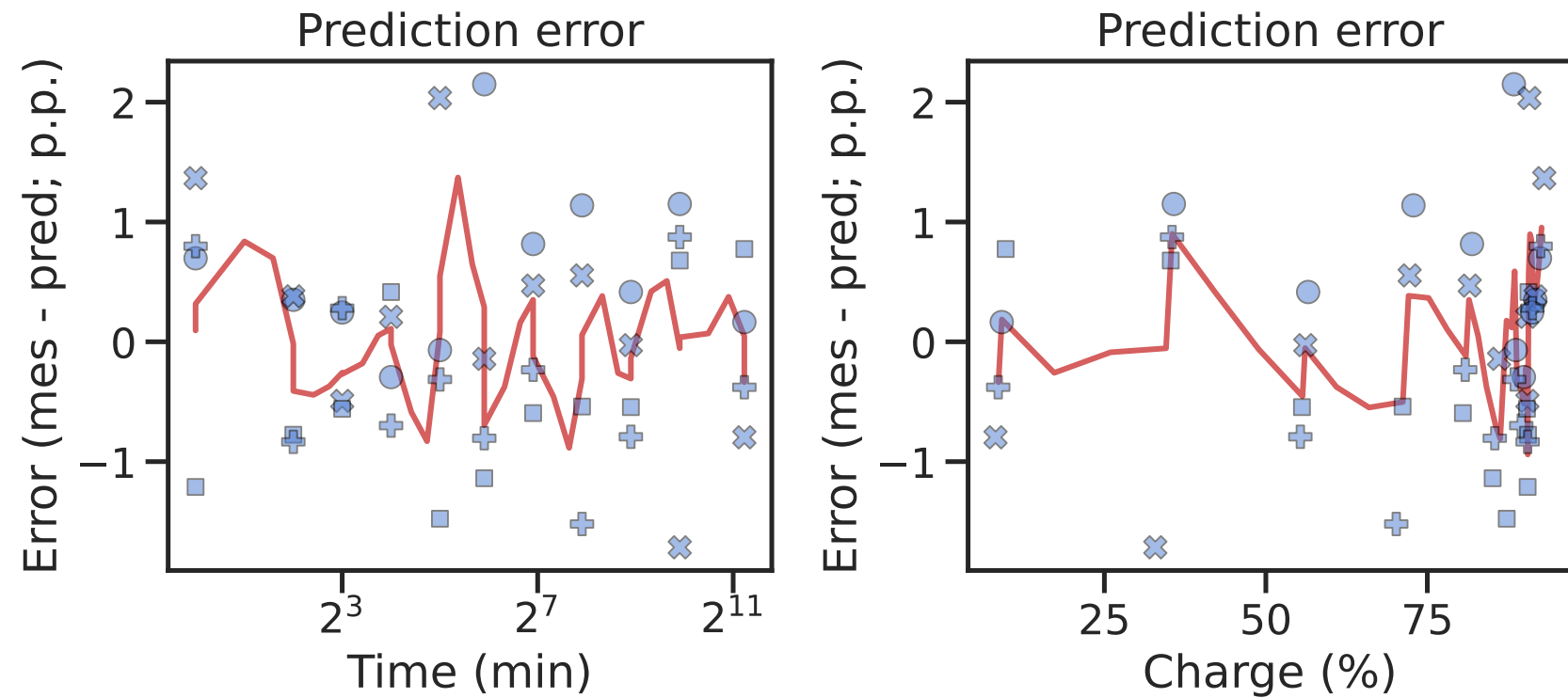
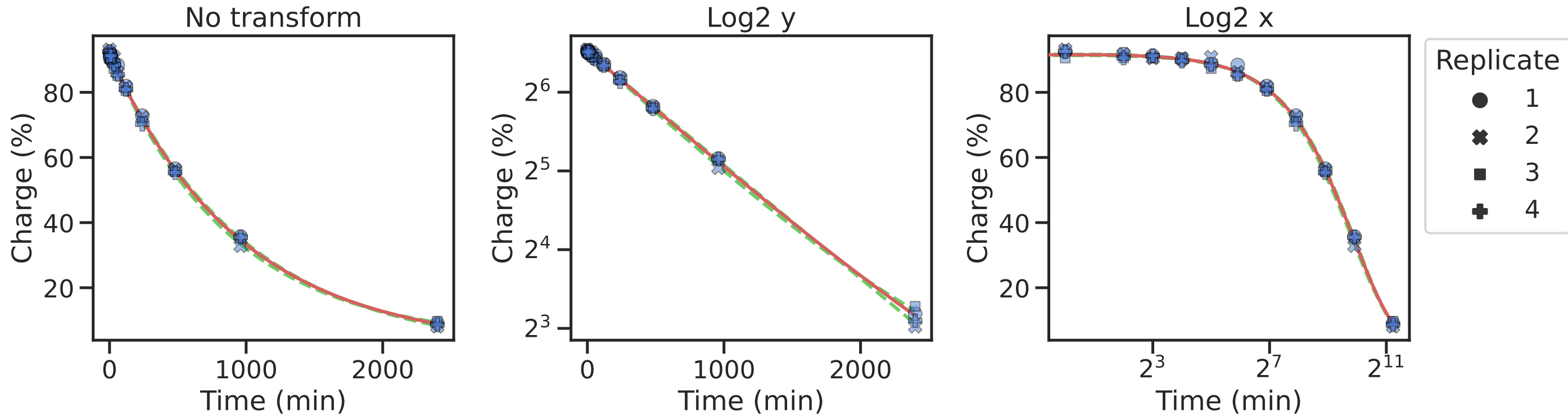
Gln-TTG-2-1 half-life=306 min, 95% CI (287; 322)



Gln-TTG-3-1 half-life=239 min, 95% CI (226; 257)

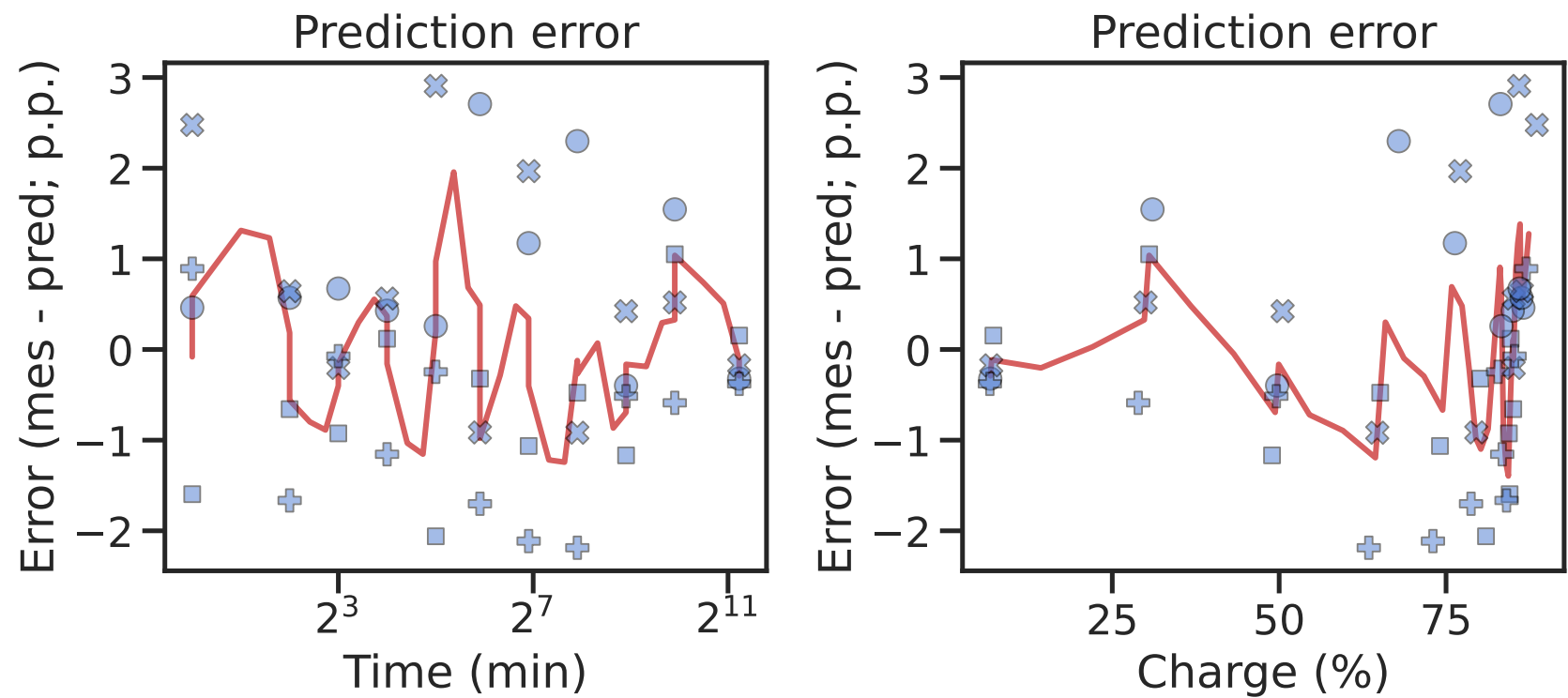
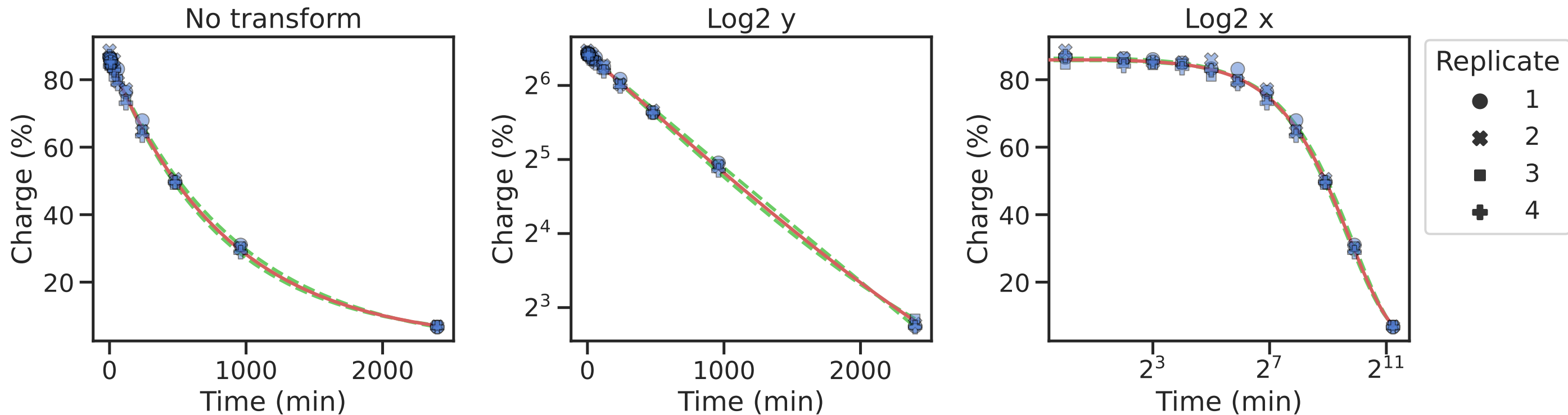


Glu-CTC-1-1 half-life=661min, 95% CI (612; 694)

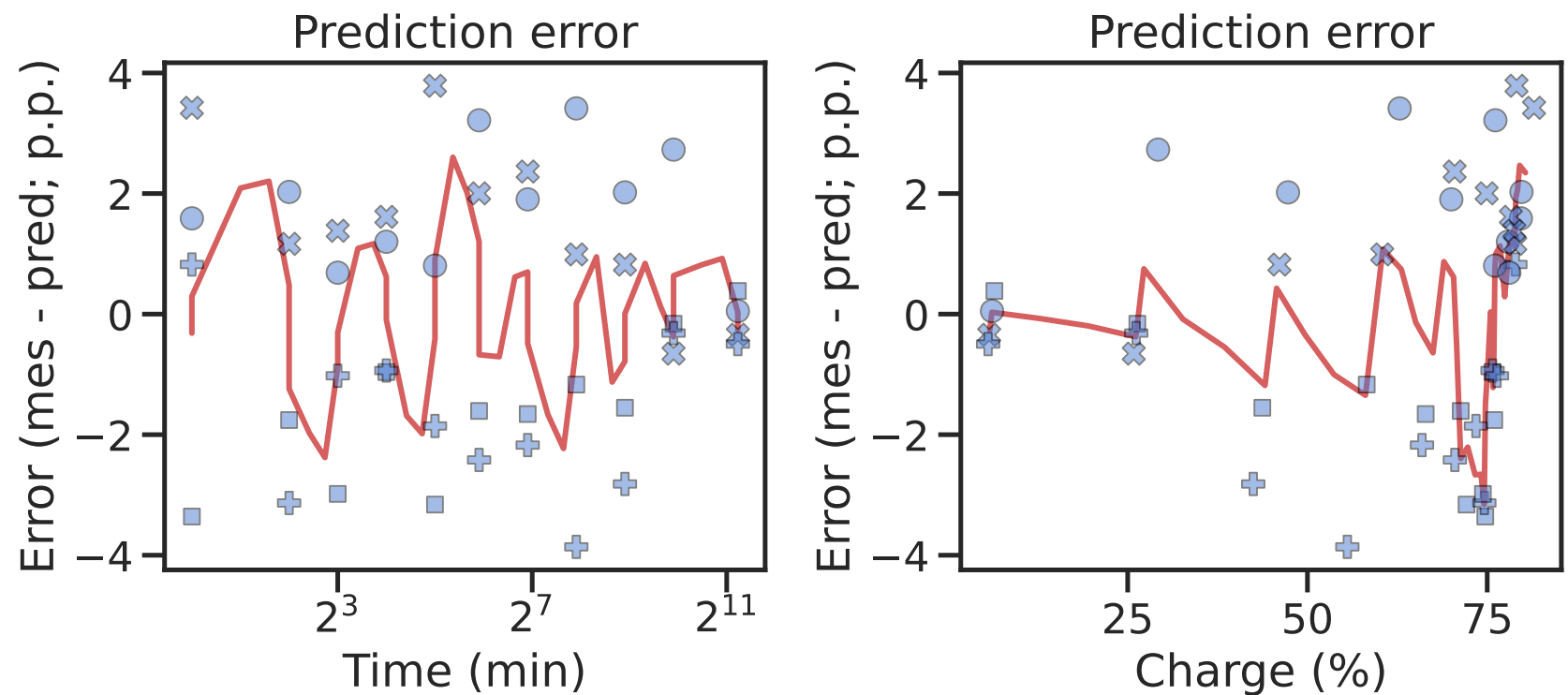
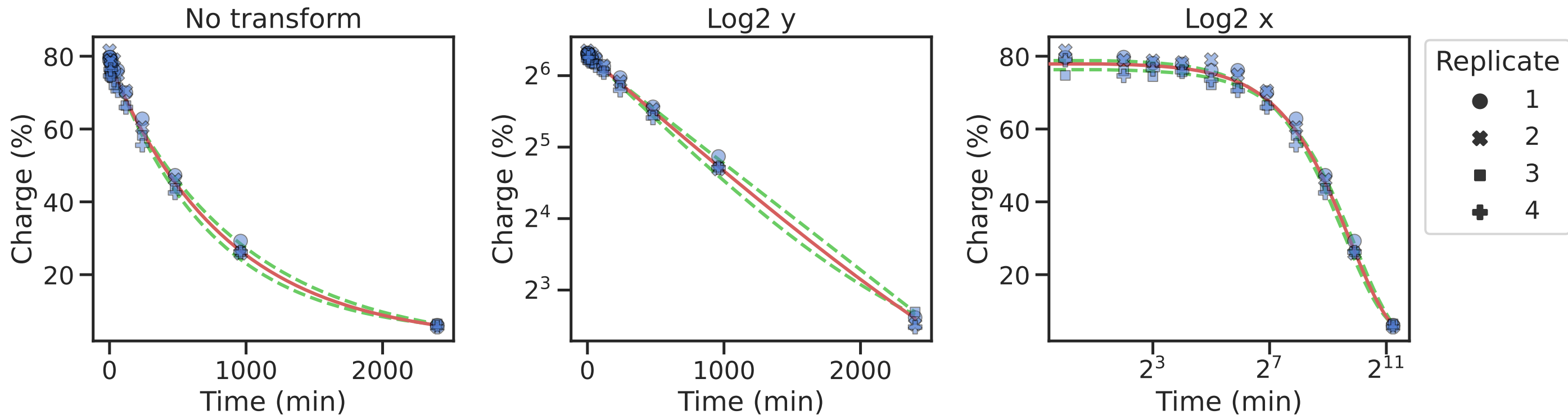




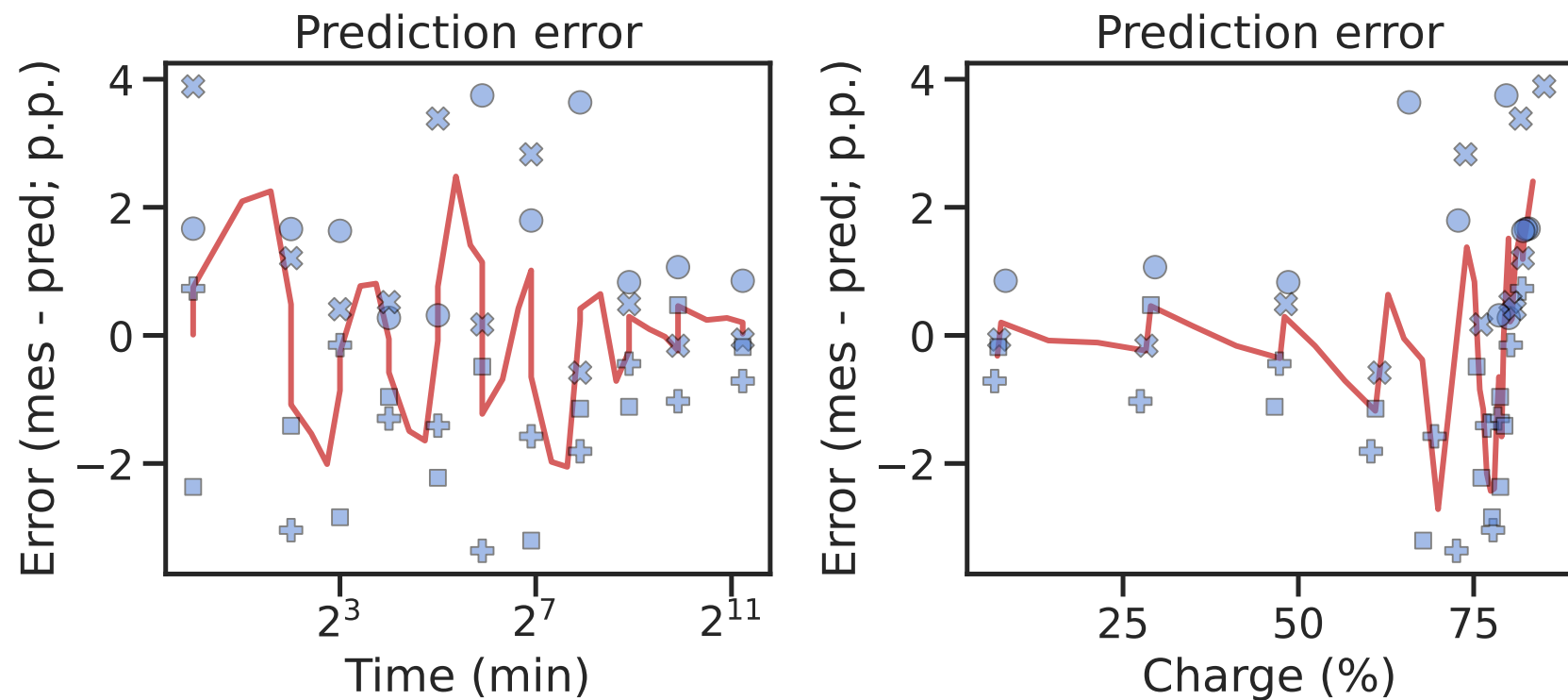
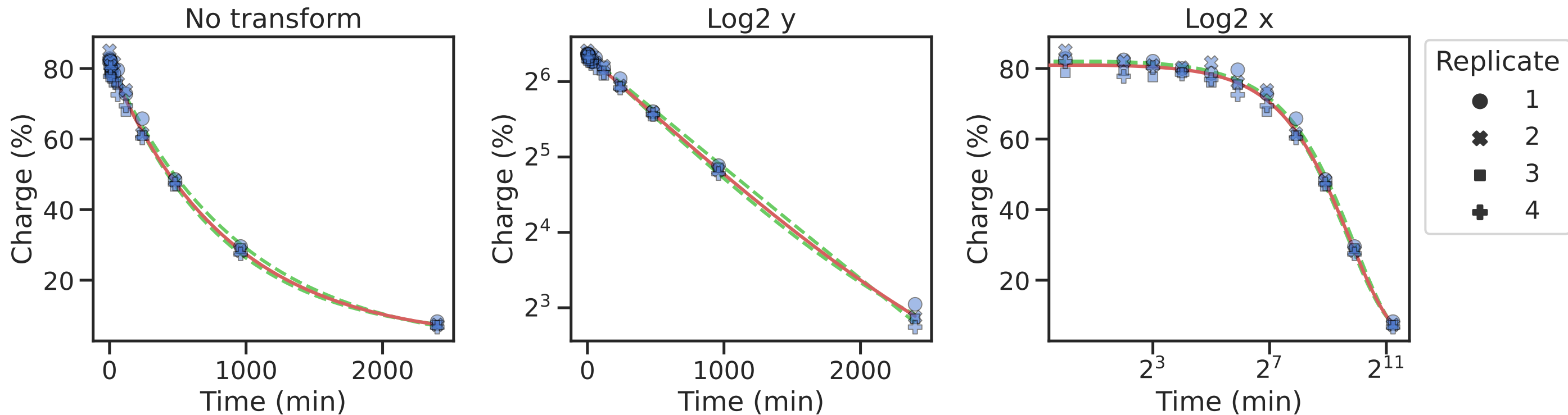
Glu-TTC-1-2 half-life=597 min, 95% CI (559; 651)



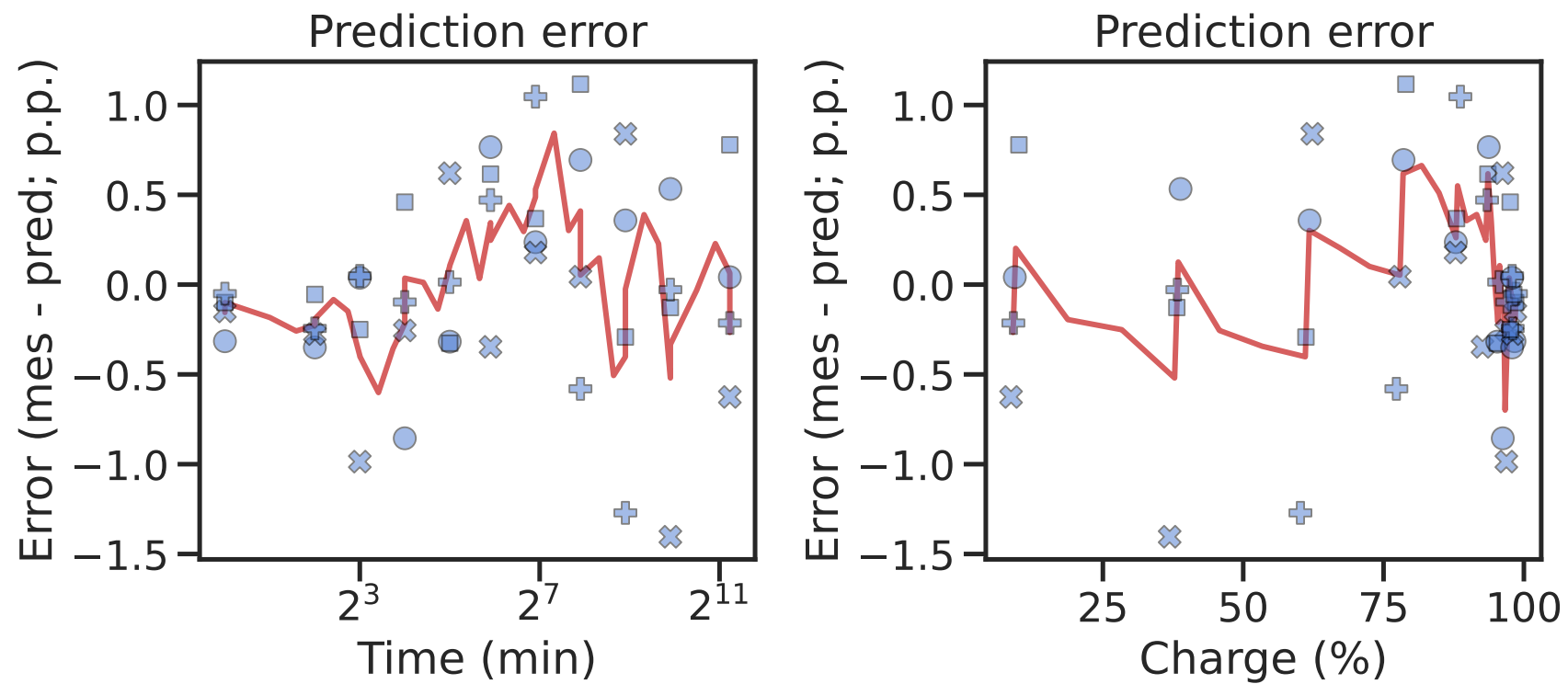
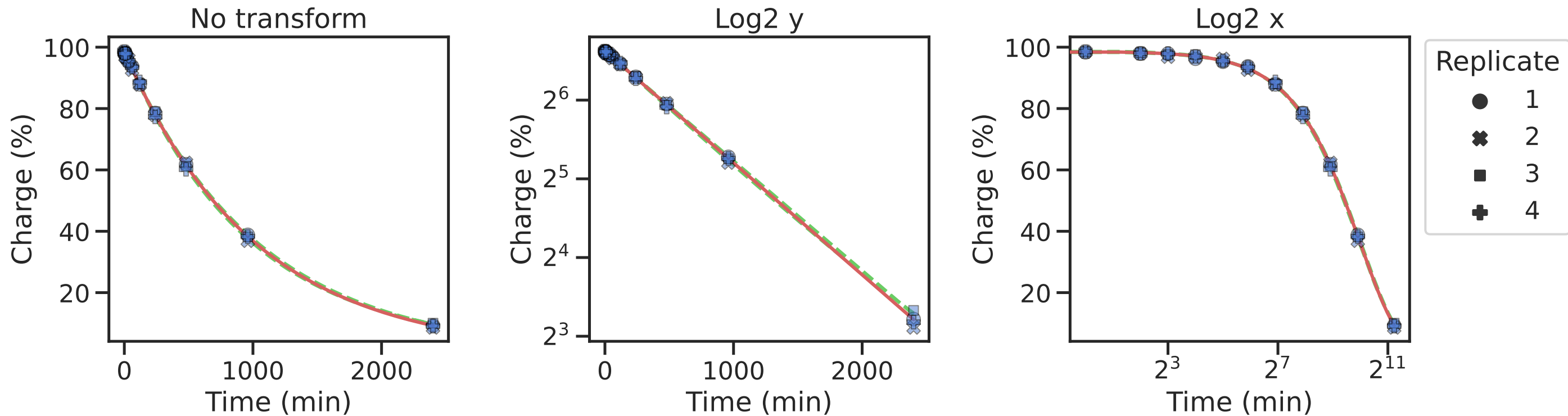
Glu-TTC-2-1 half-life=596 min, 95% CI (517; 673)



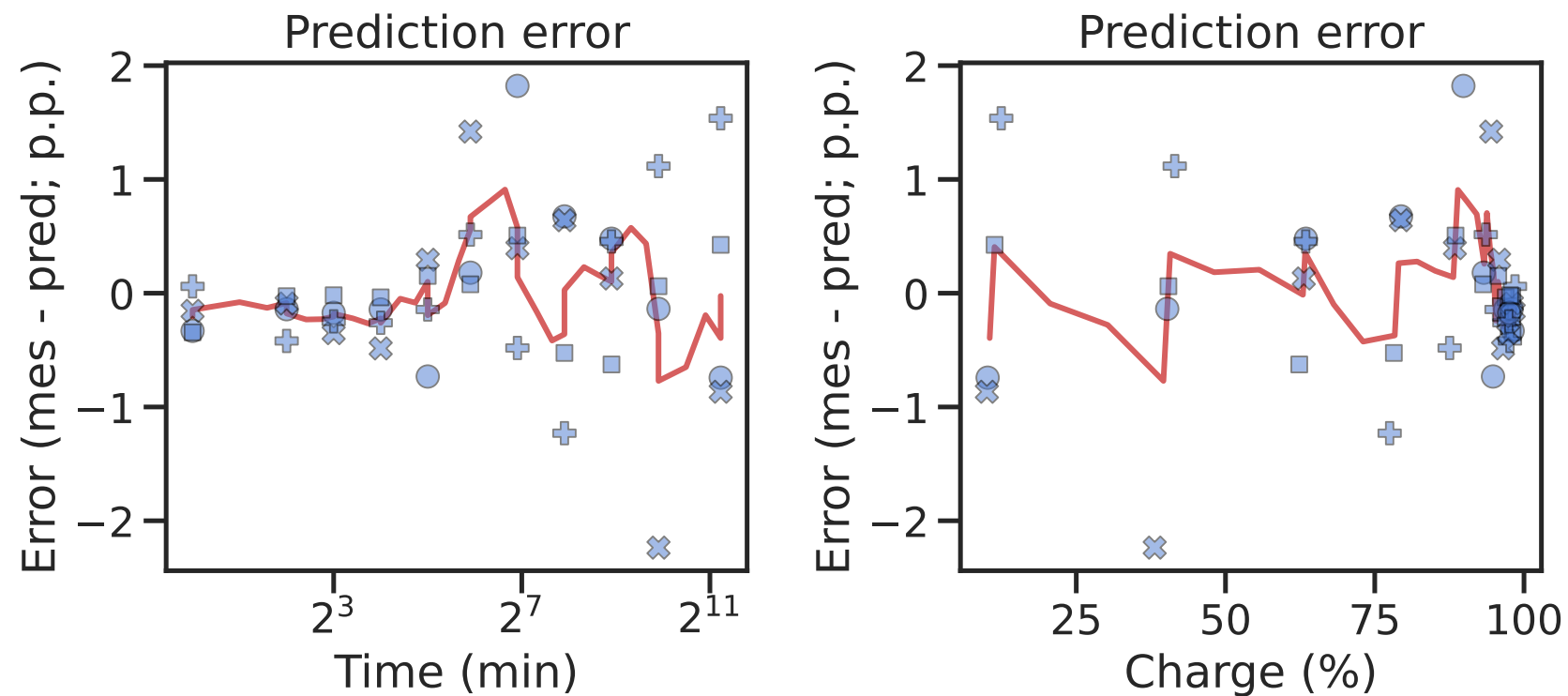
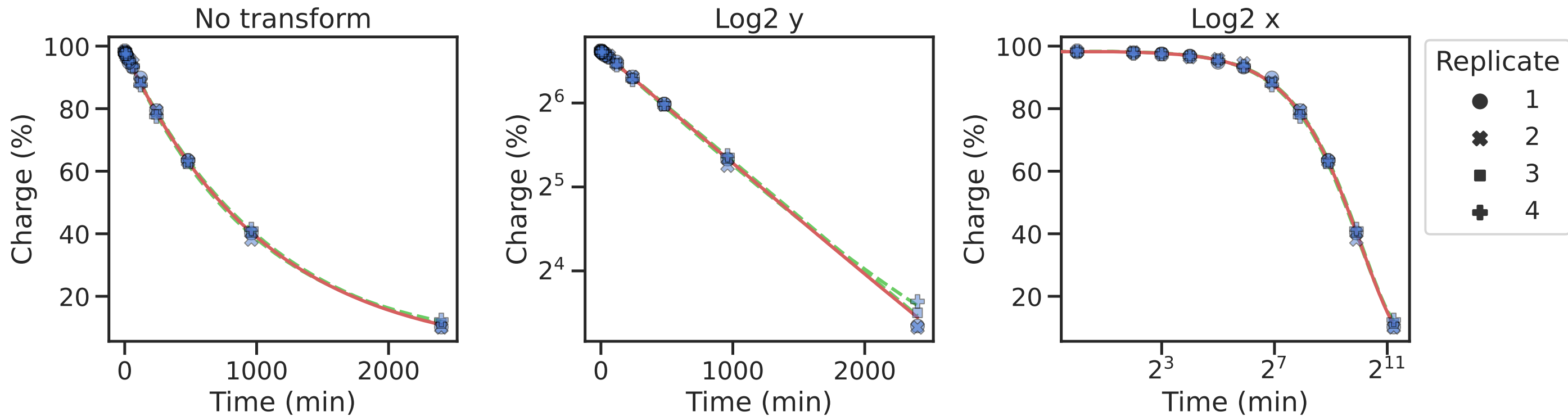
Glu-TTC-4-1 half-life=602 min, 95% CI (558; 667)



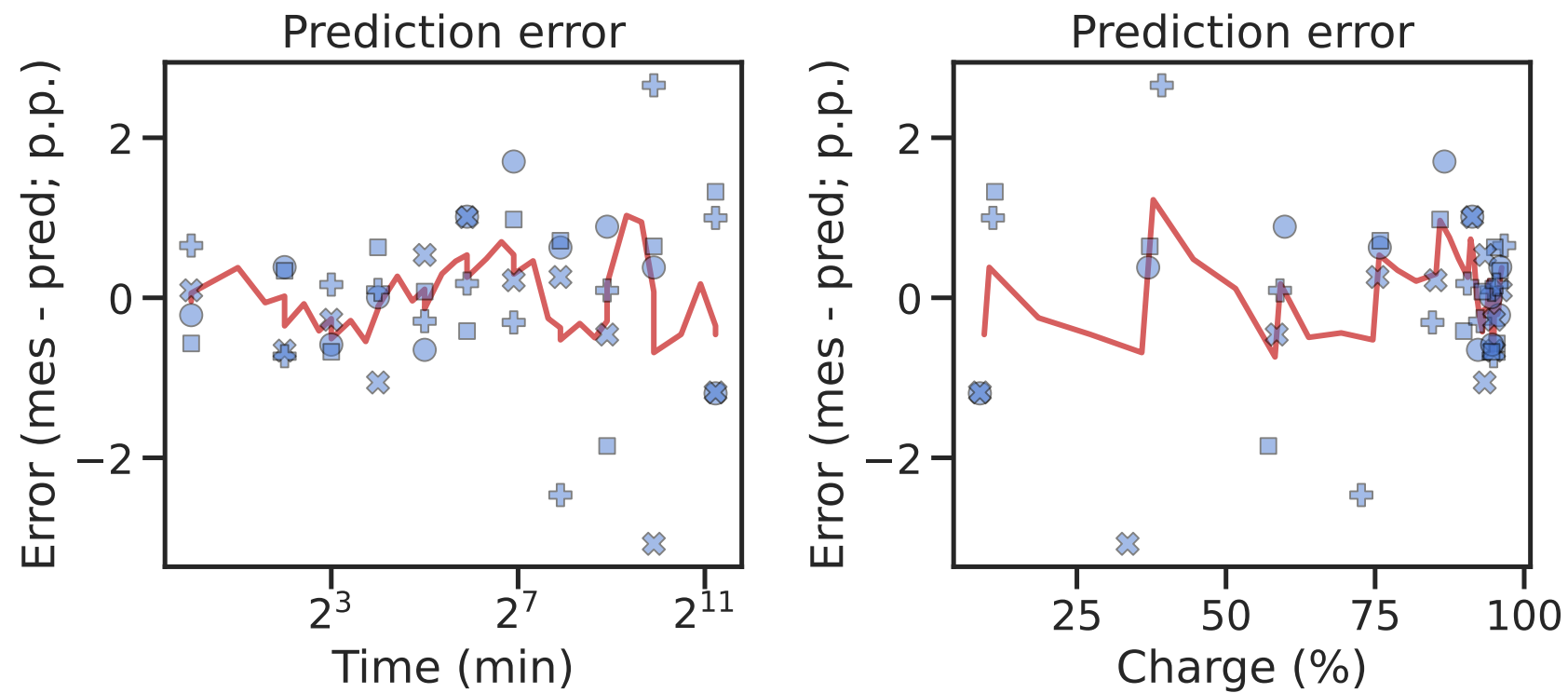
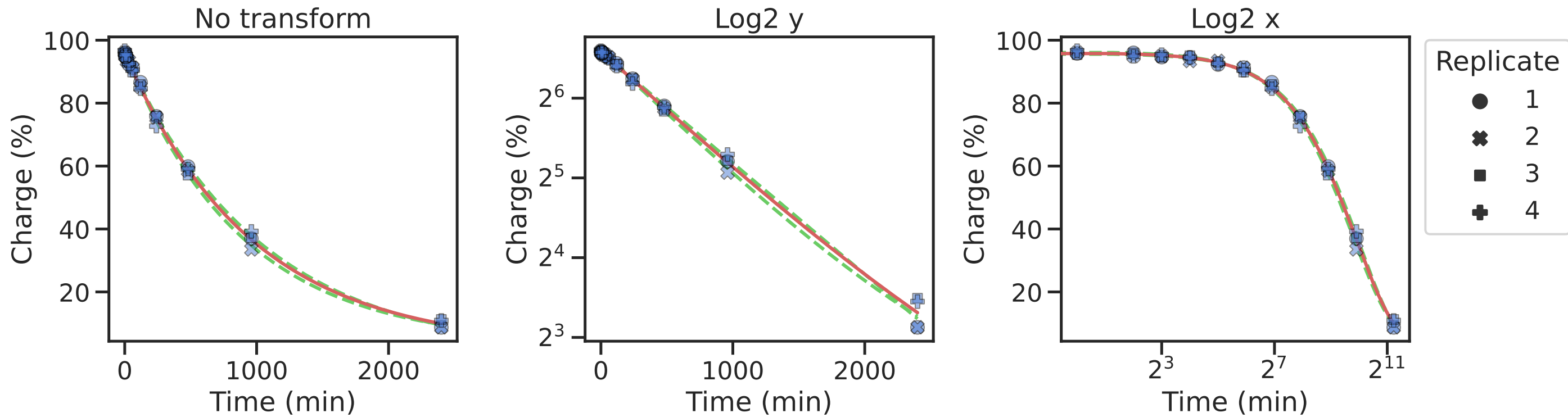
Gly-CCC-1-1 half-life=703min, 95% CI (666; 717)



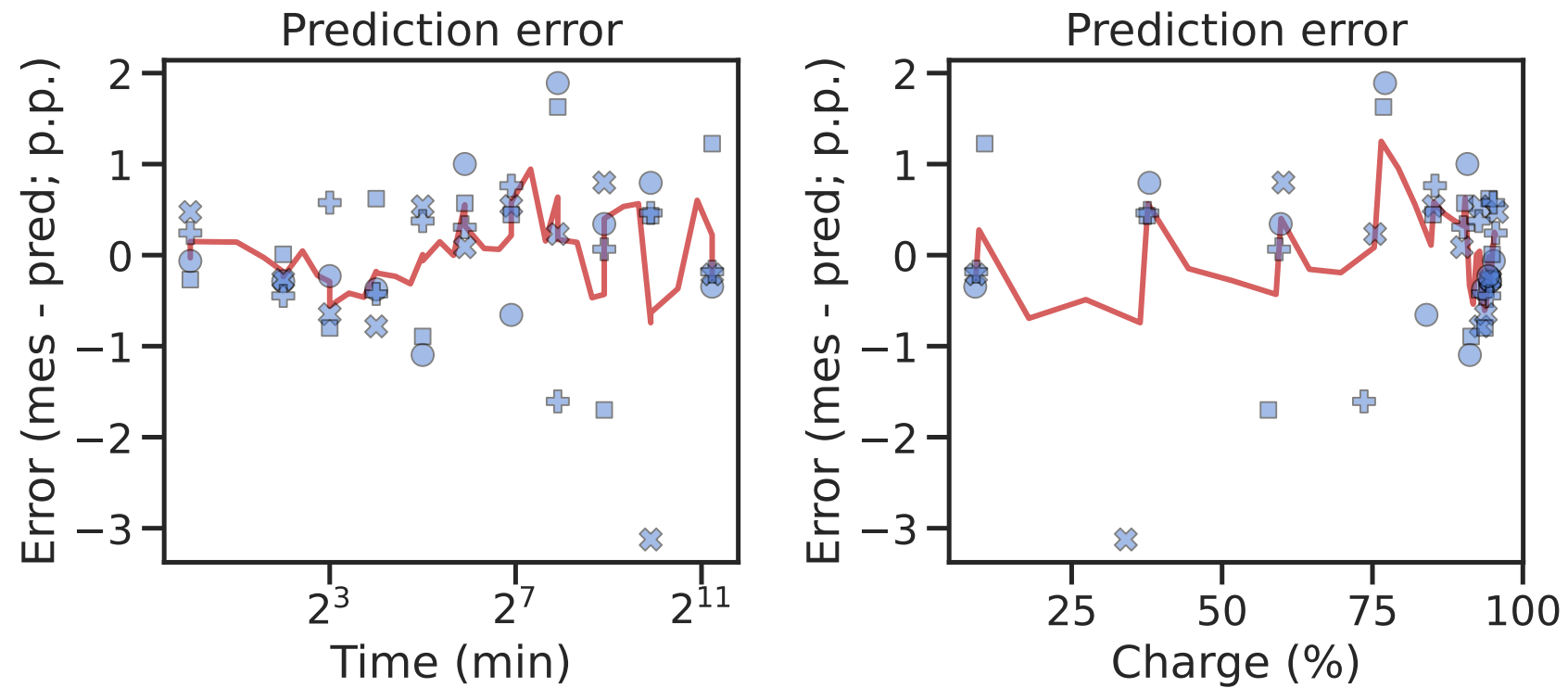
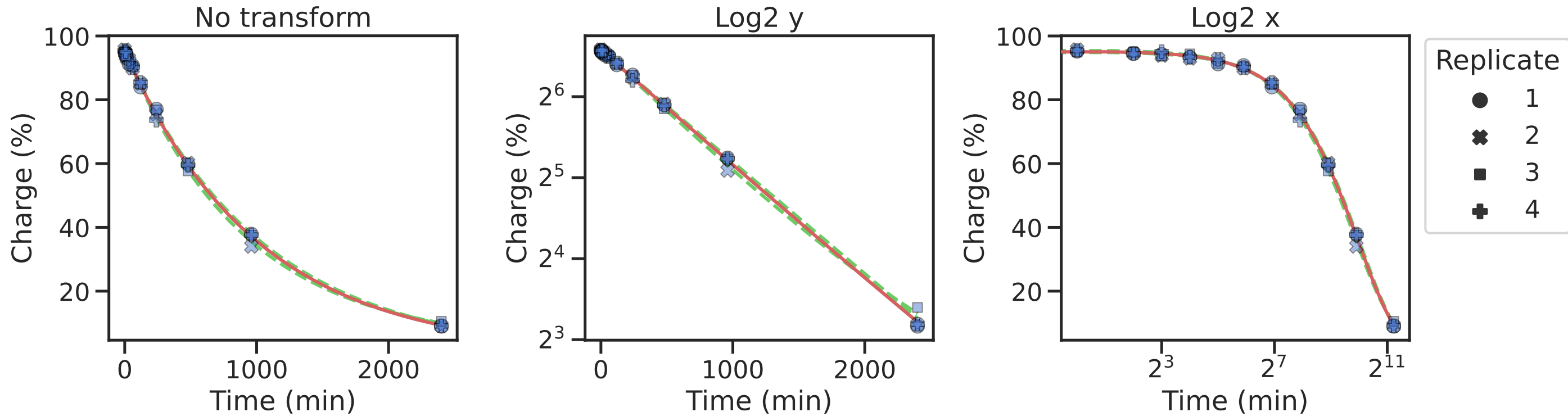
Gly-CCC-2-2 half-life=740min, 95% CI (690; 761)



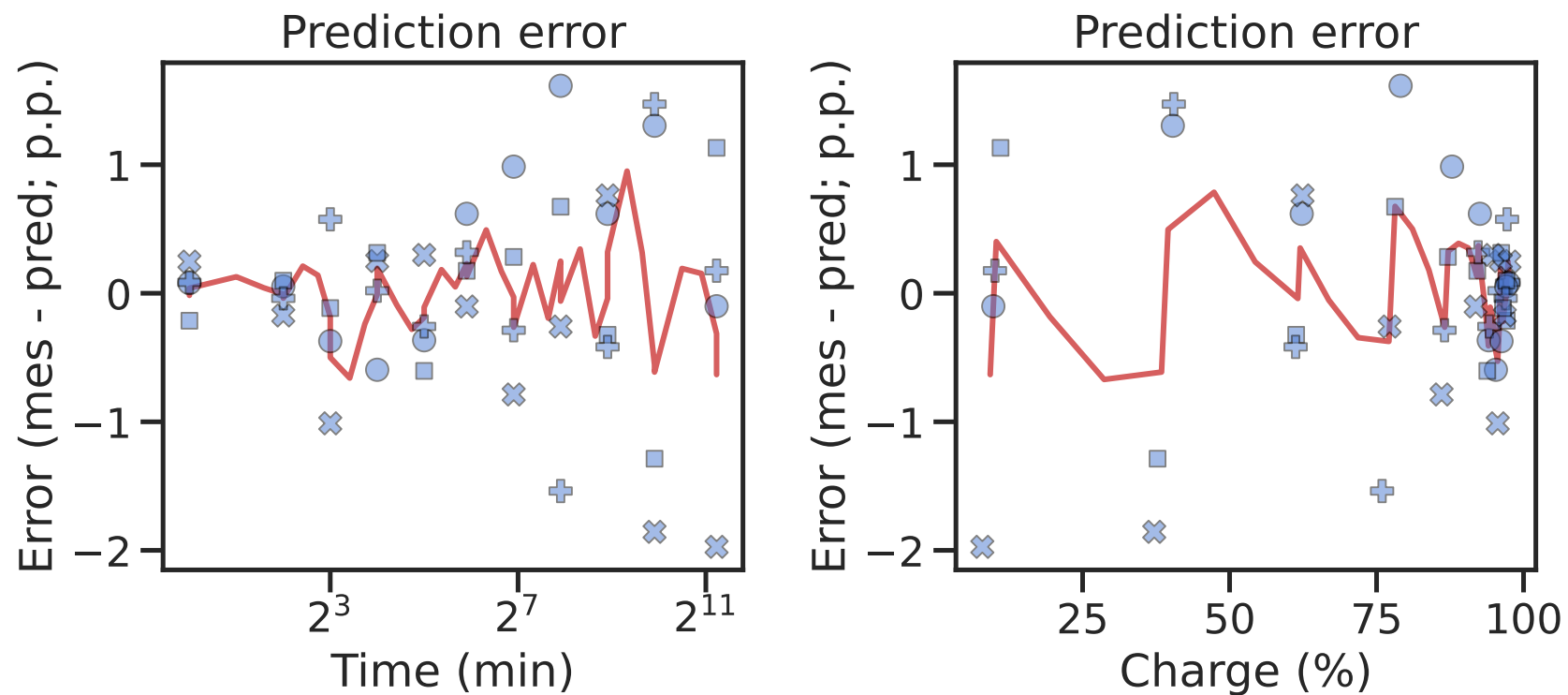
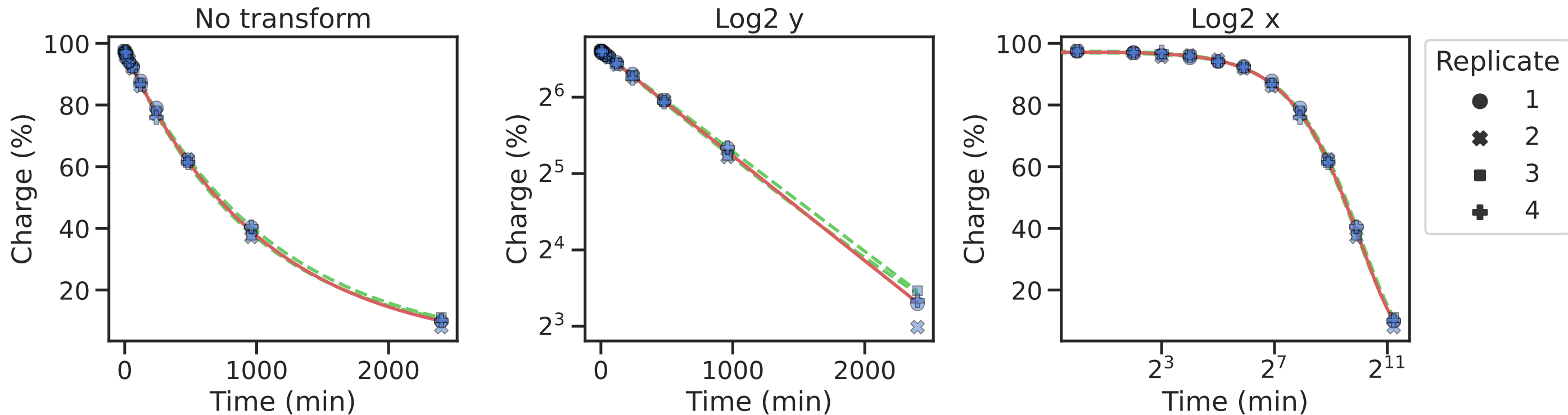
Gly-GCC-1-1 half-life=661 min, 95% CI (612; 717)



Gly-GCC-2-1 half-life=700 min, 95% CI (632; 726)

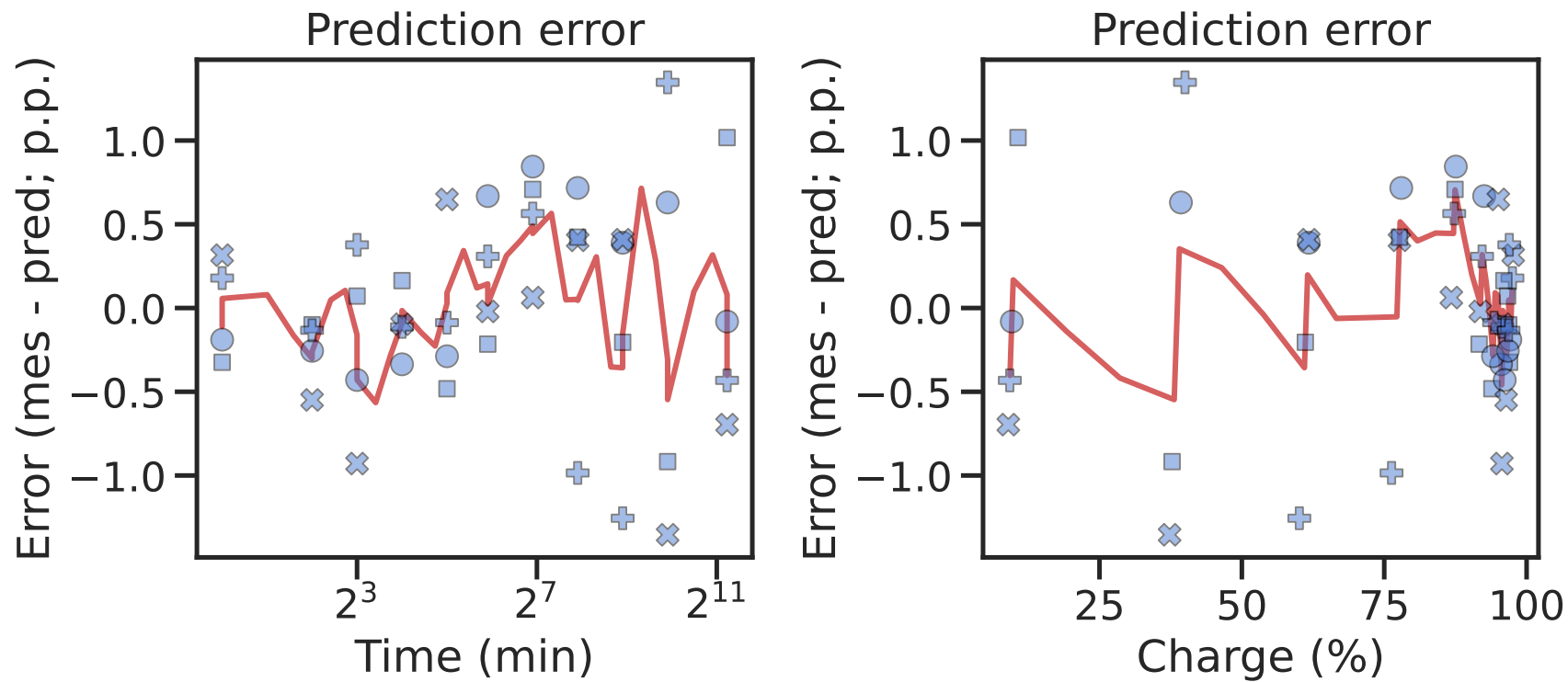
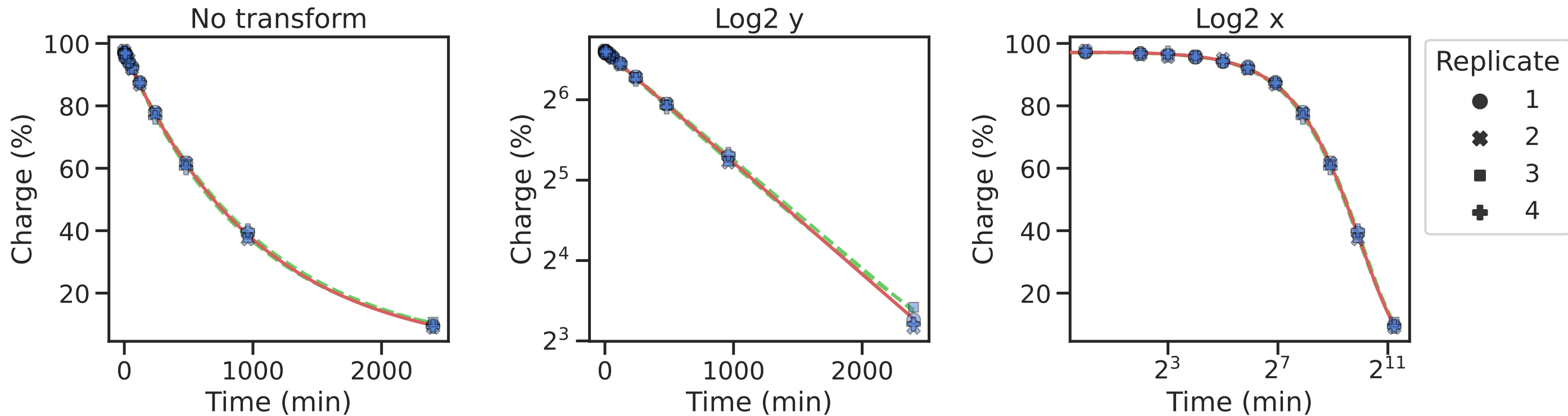


Gly-TCC-1-1 half-life=728 min, 95% CI (682; 760)

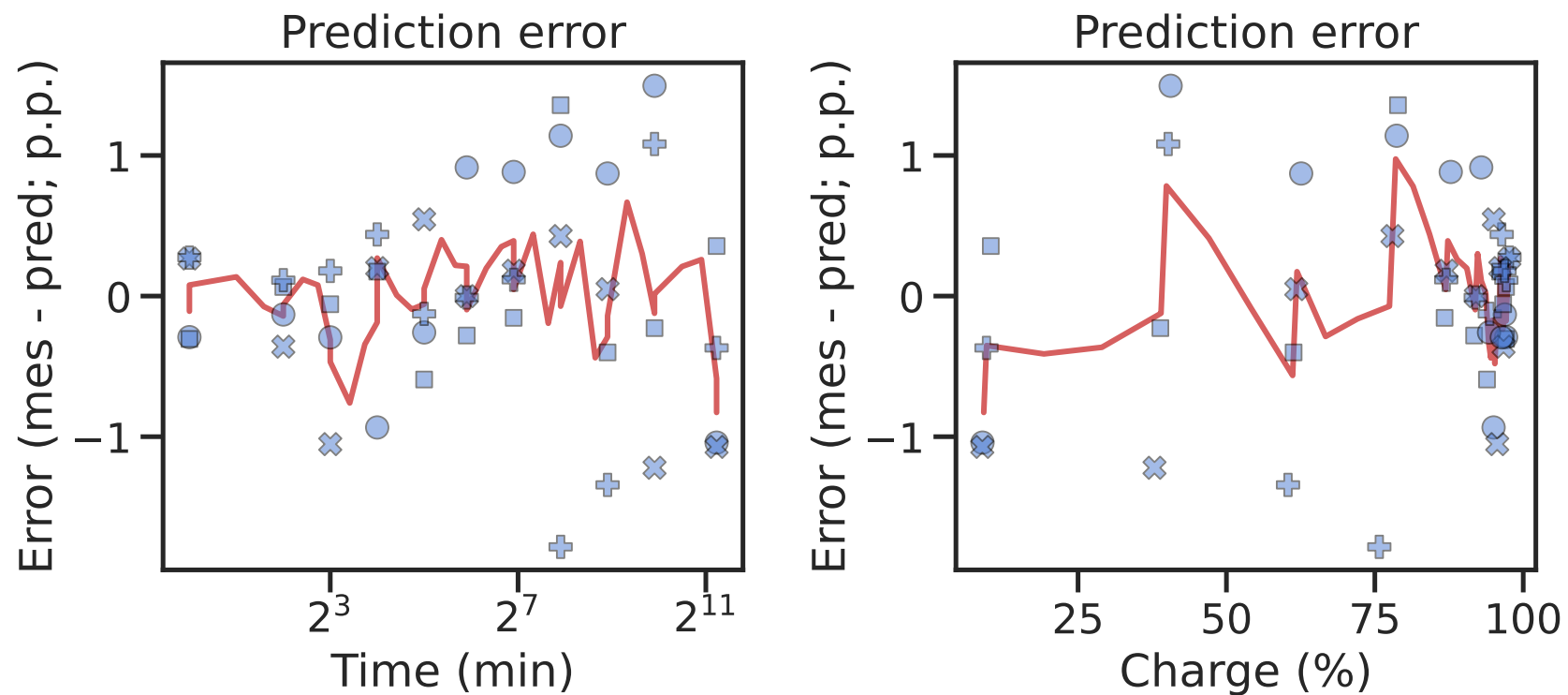
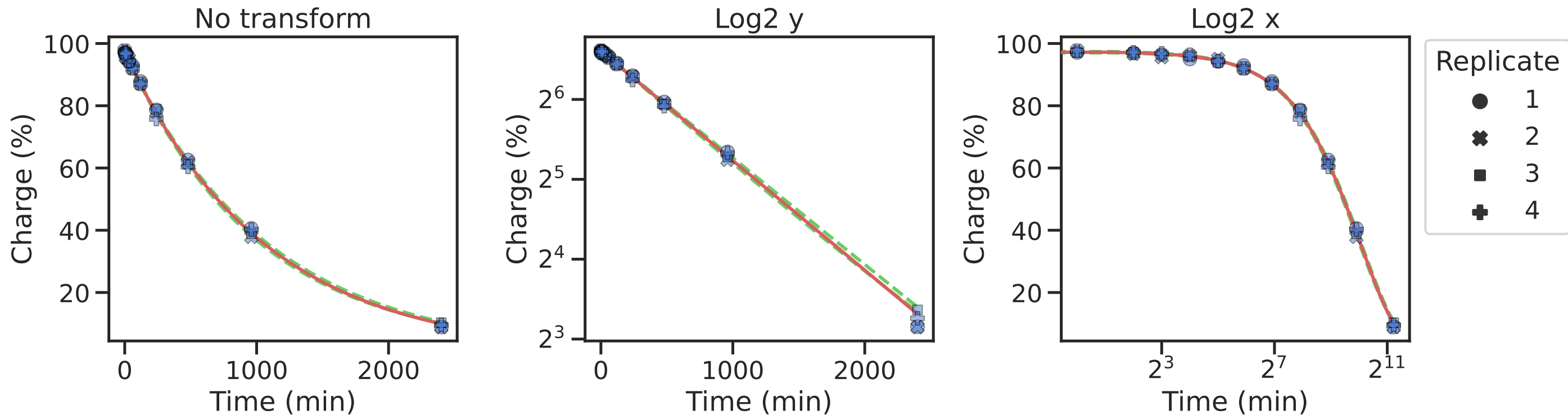




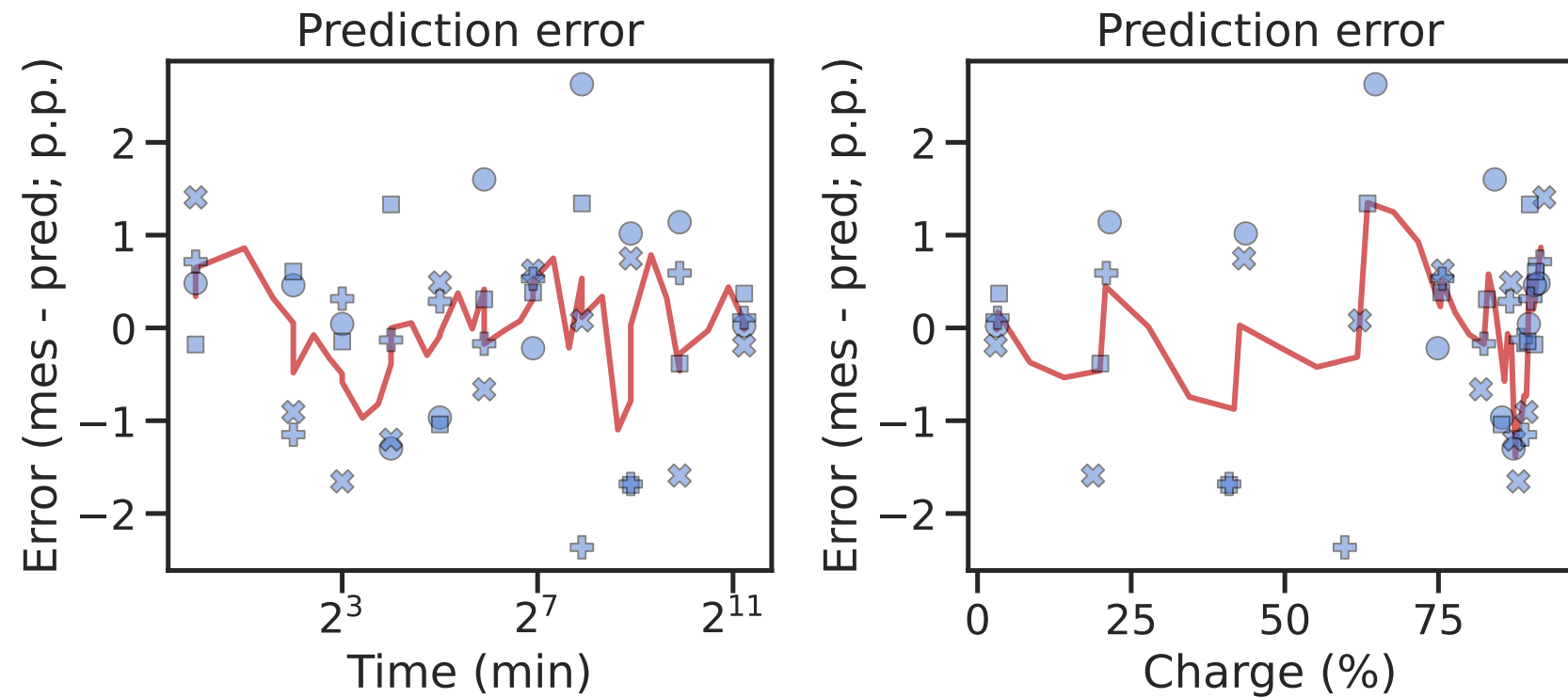
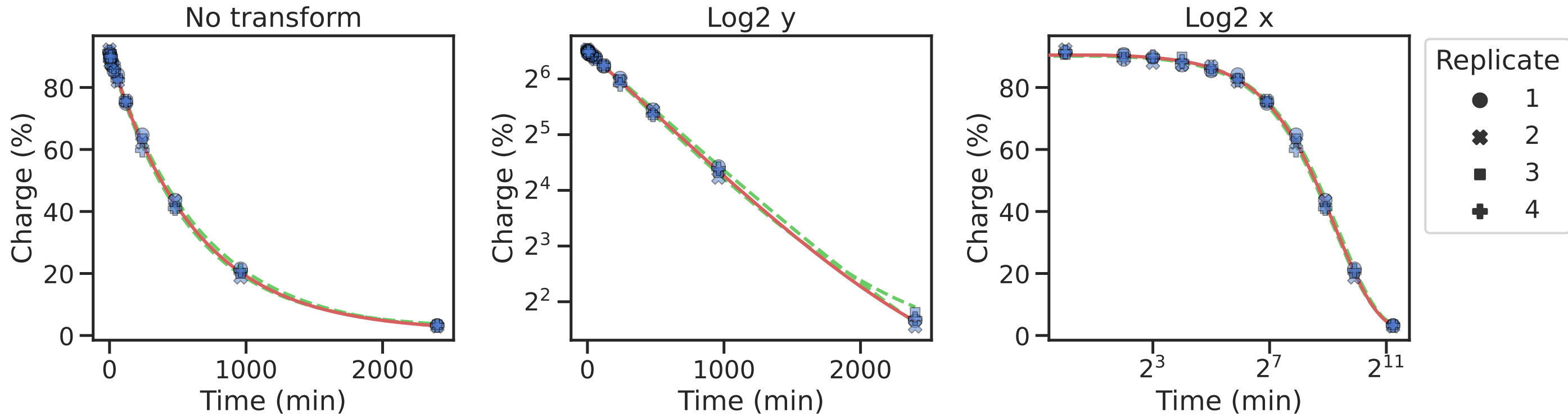
Gly-TCC-2-1 half-life=721 min, 95% CI (678; 741)



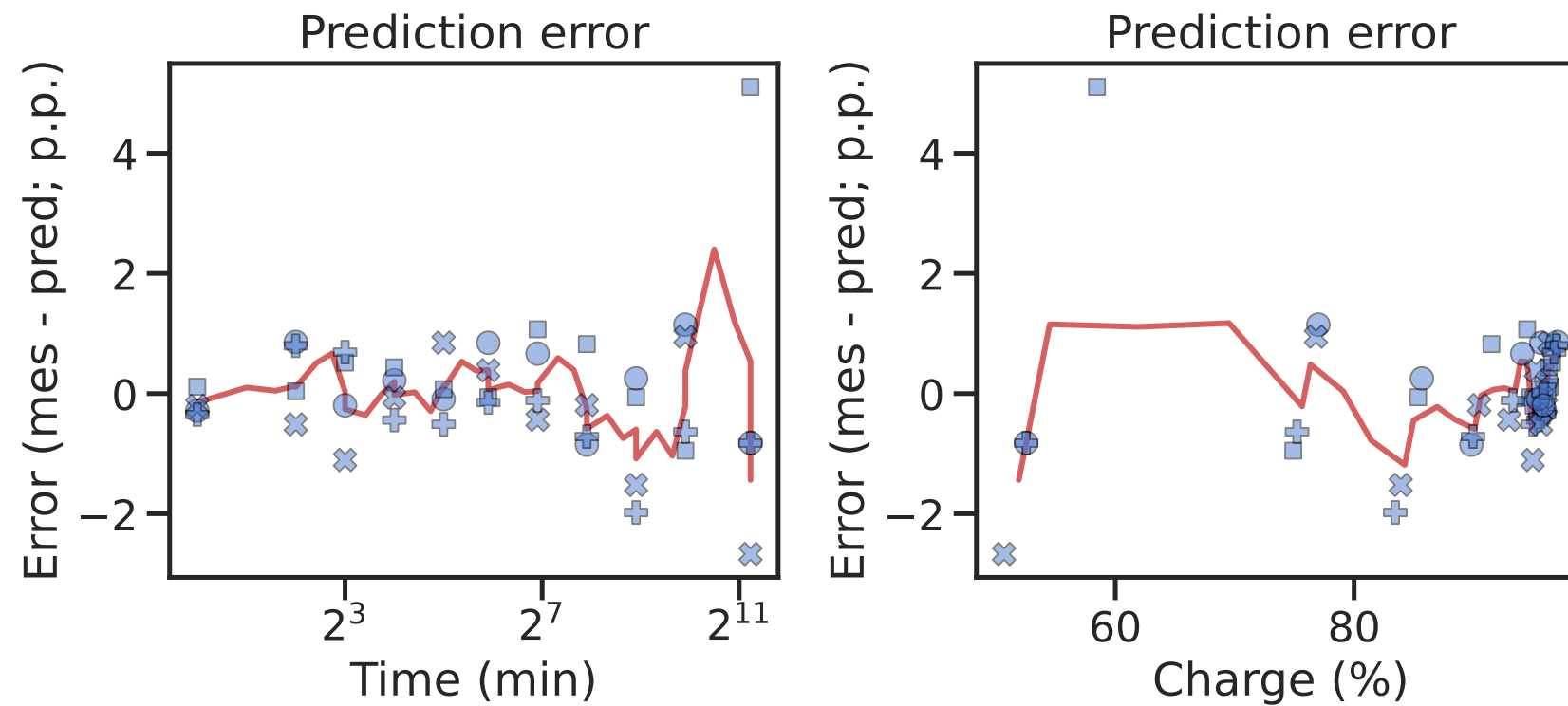
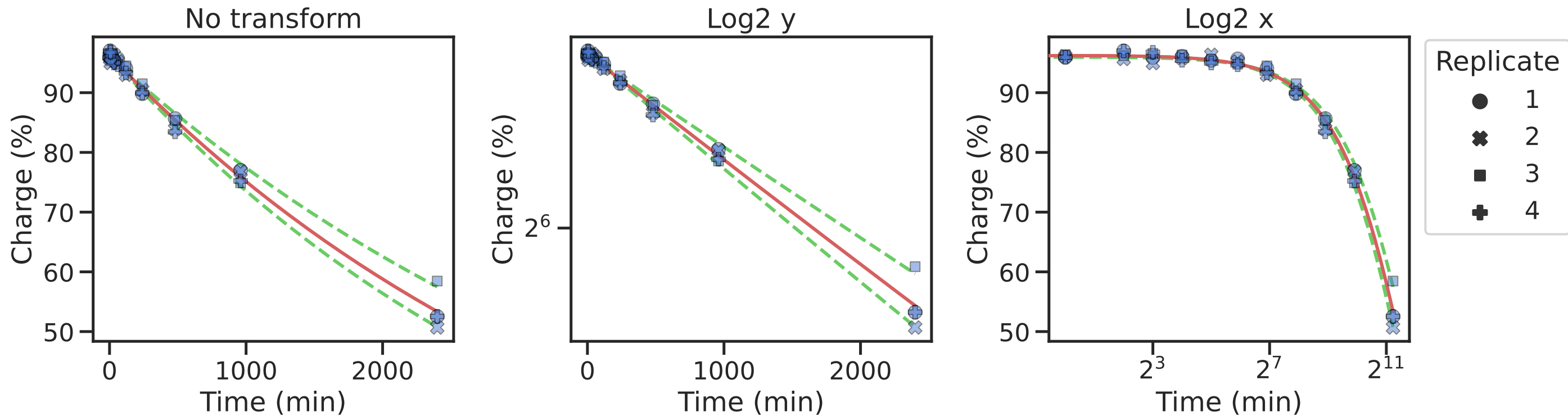
Gly-TCC-3-1 half-life=729 min, 95% CI (692; 749)



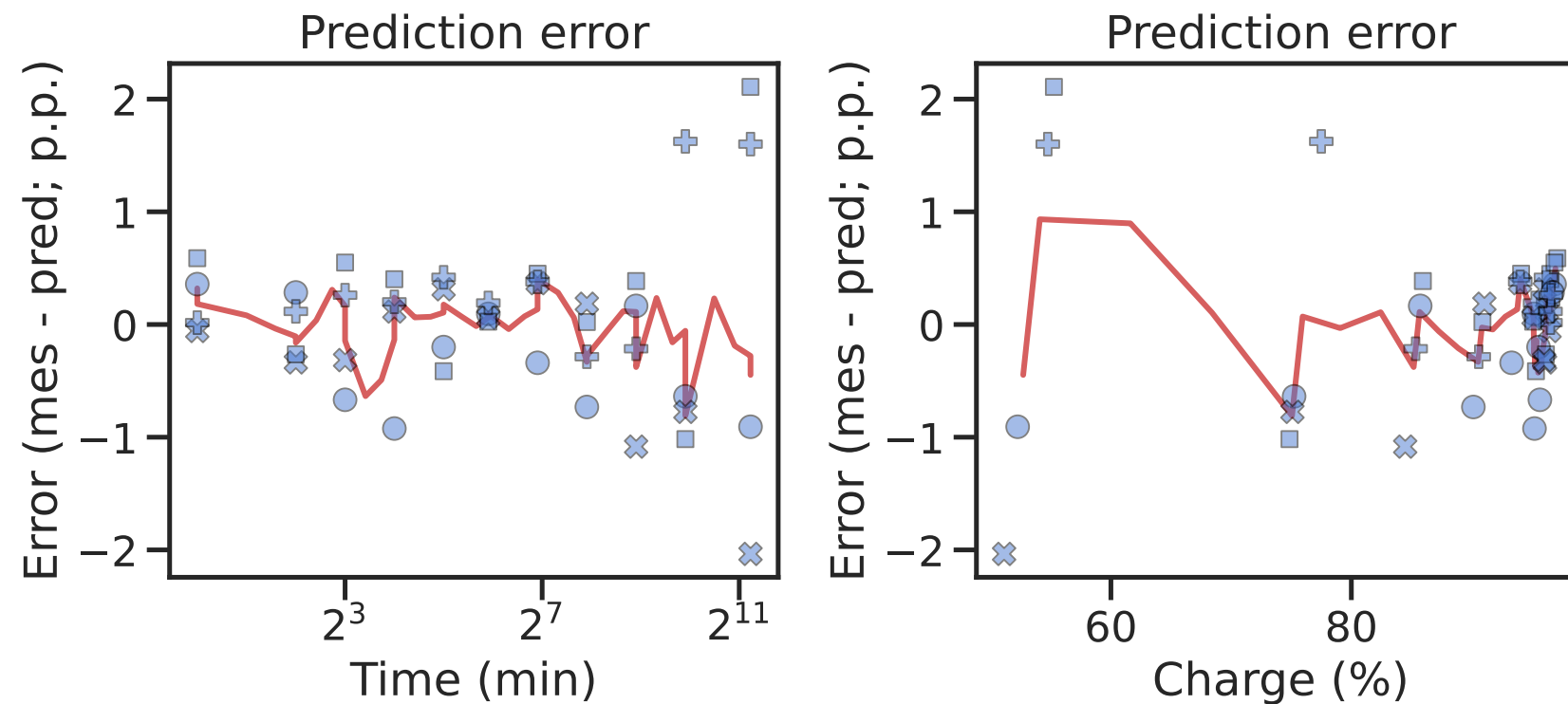
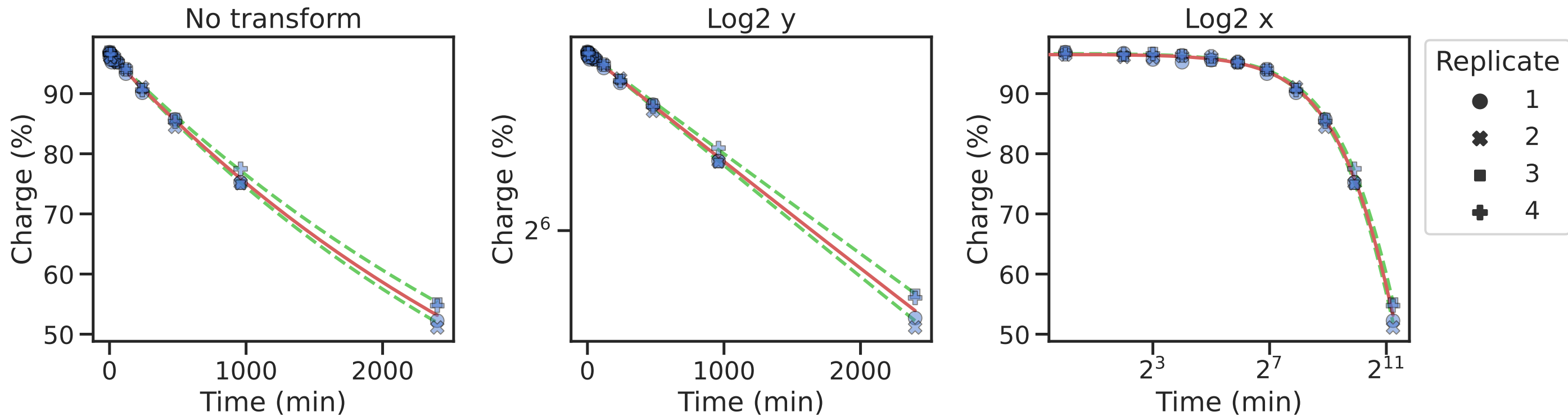
His-GTG-1-1 half-life=431 min, 95% CI (410; 459)



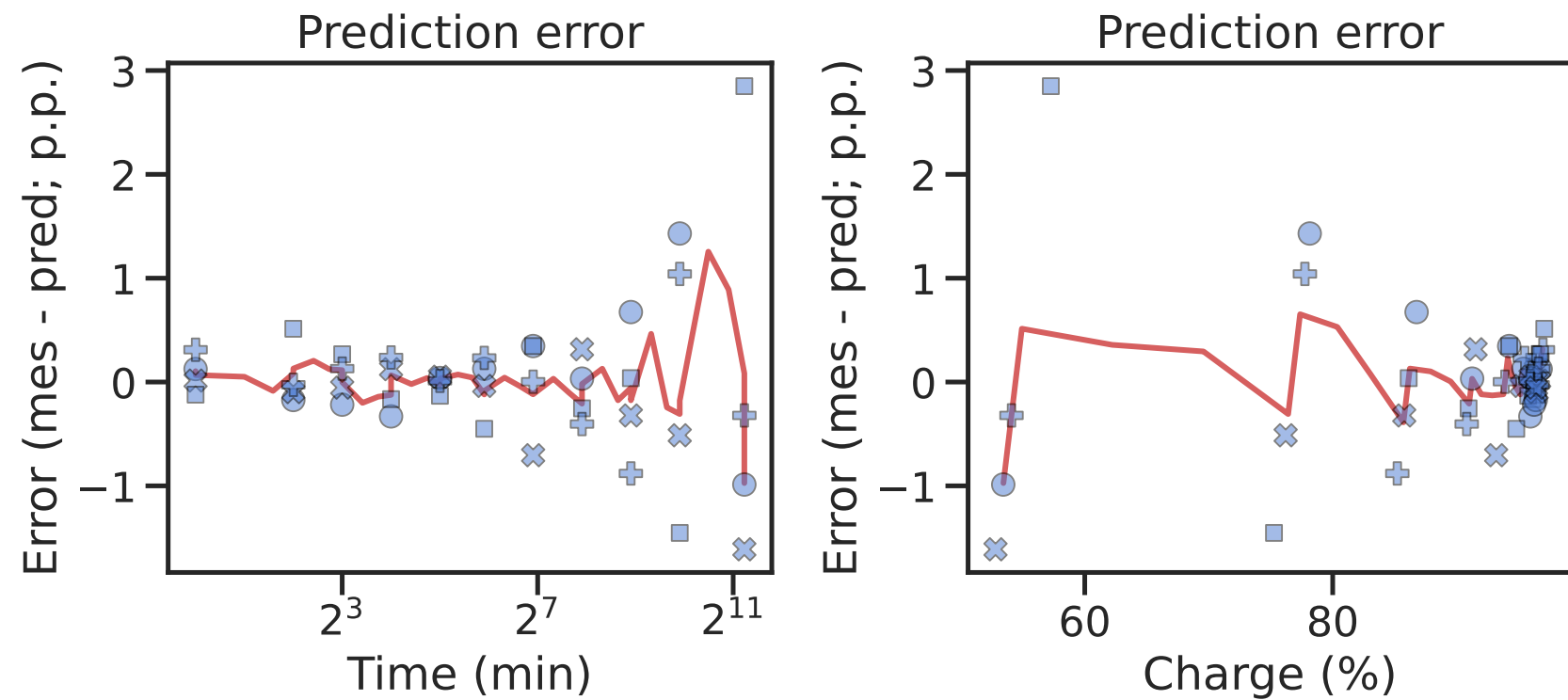
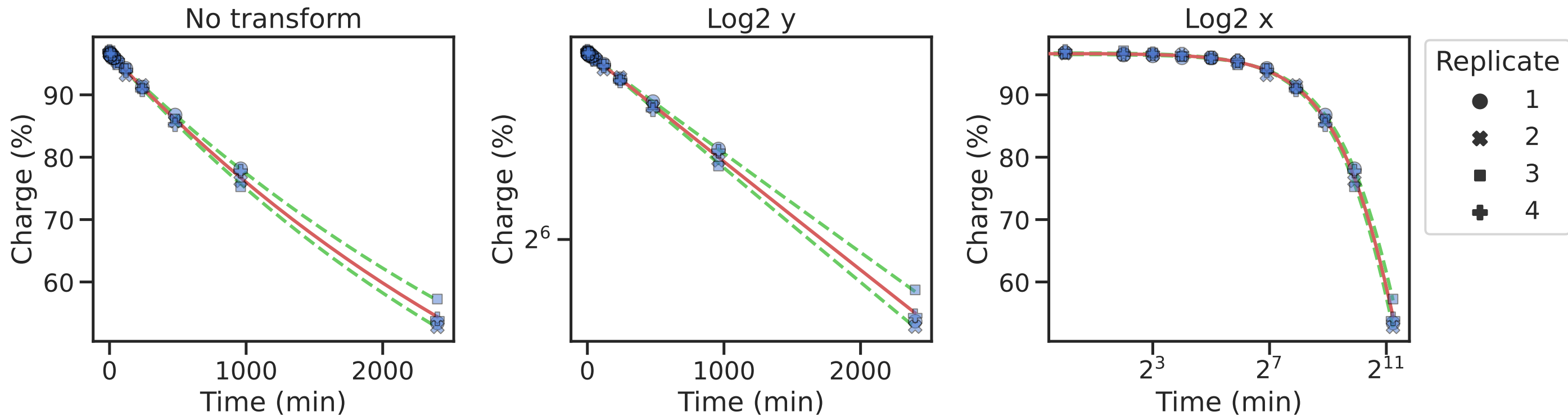
Ile-AAT-2-1 half-life=2680 min, 95% CI (2467; 3091)



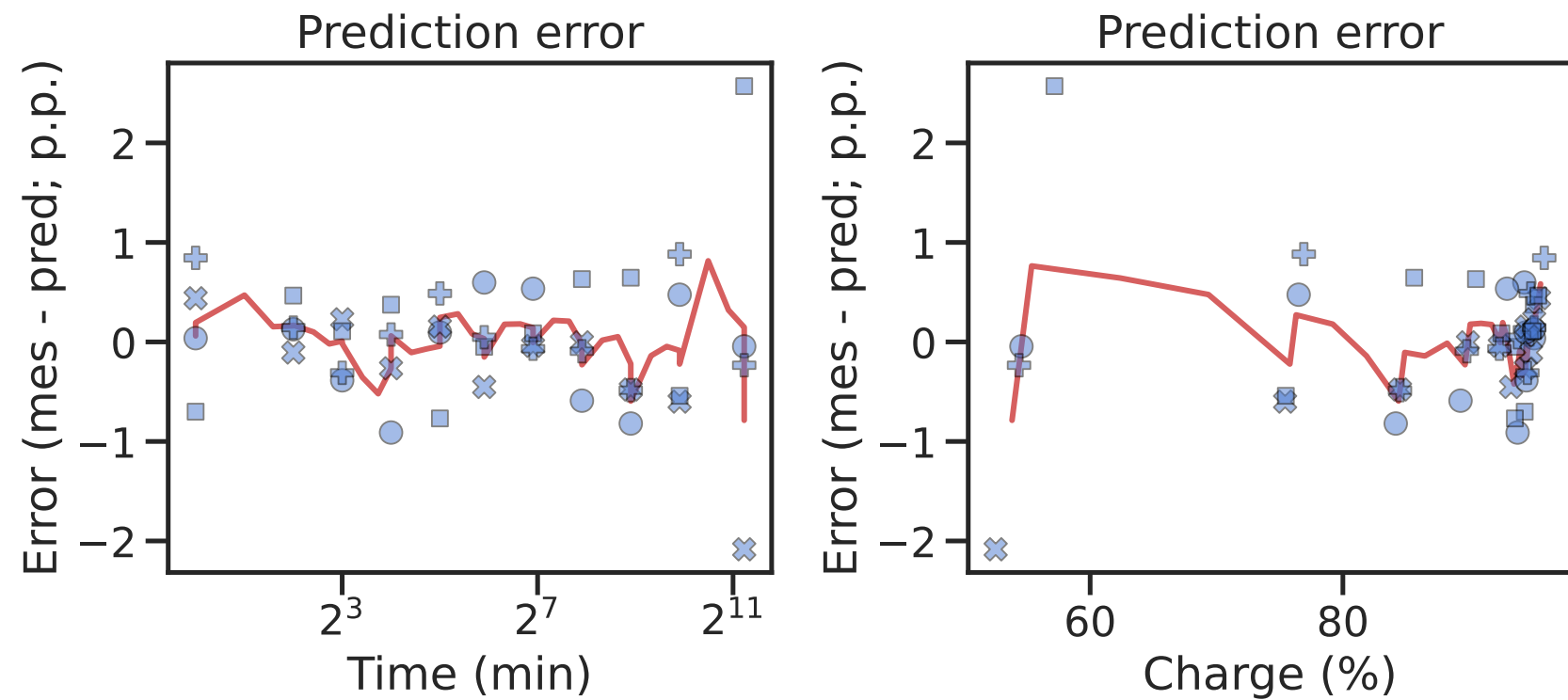
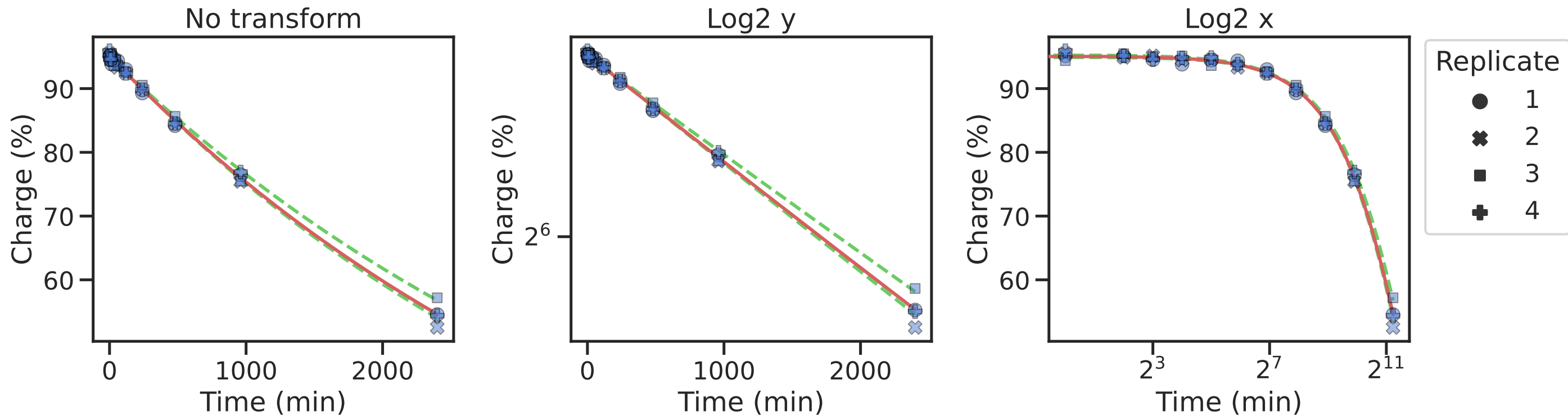
Ile-AAT-4-1 half-life=2649 min, 95% CI (2541; 2896)



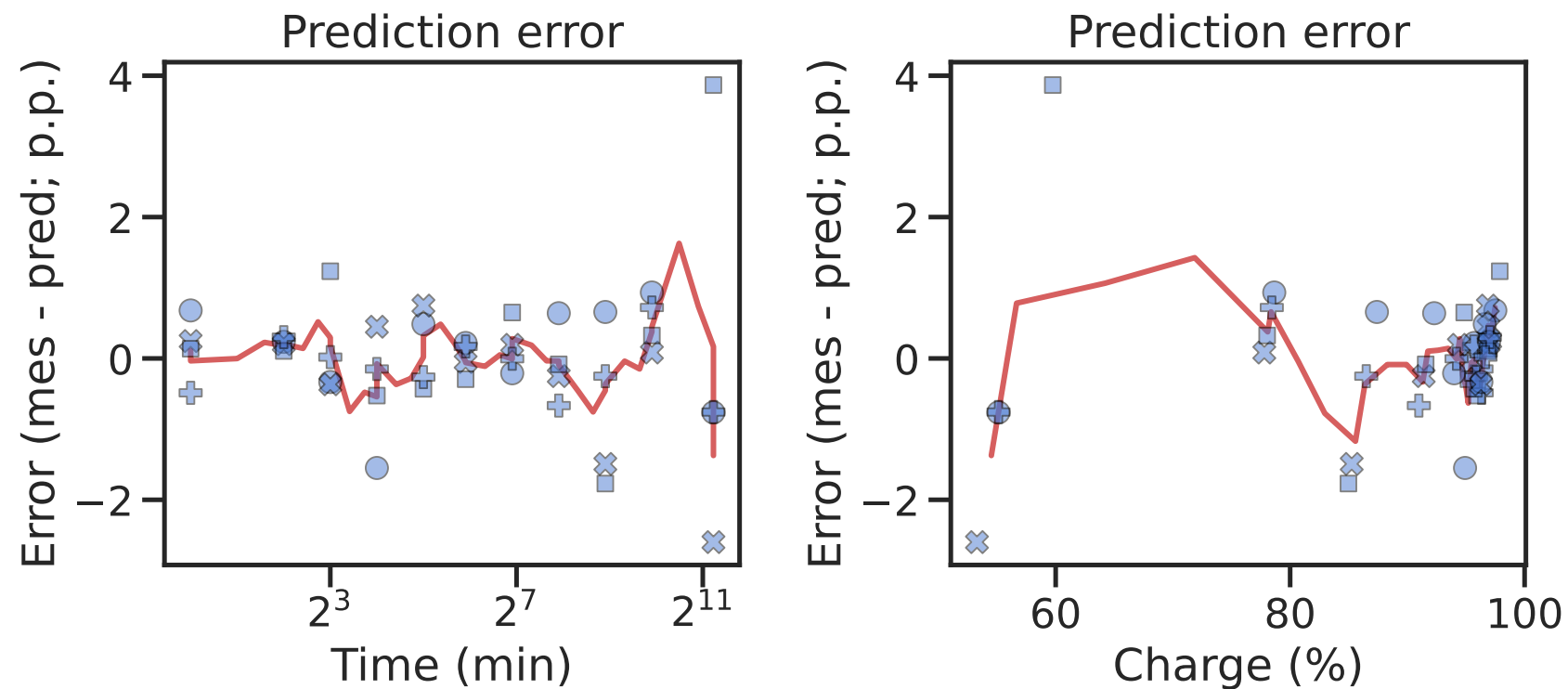
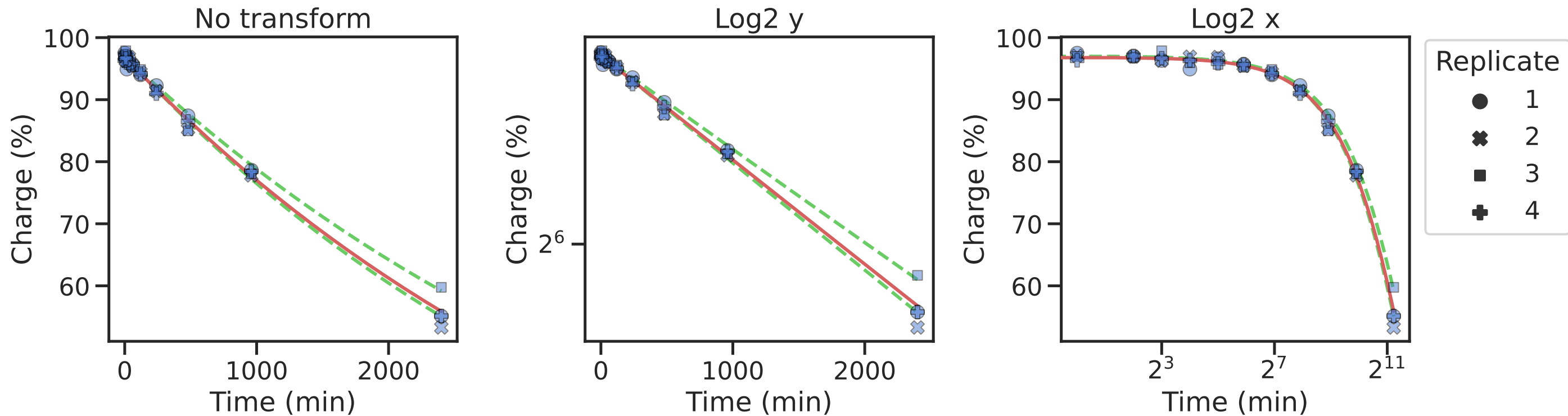
Ile-AAT-5-4 half-life=2811 min, 95% CI (2602; 3013)



Ile-AAT-6-1 half-life=2851 min, 95% CI (2788; 3079)

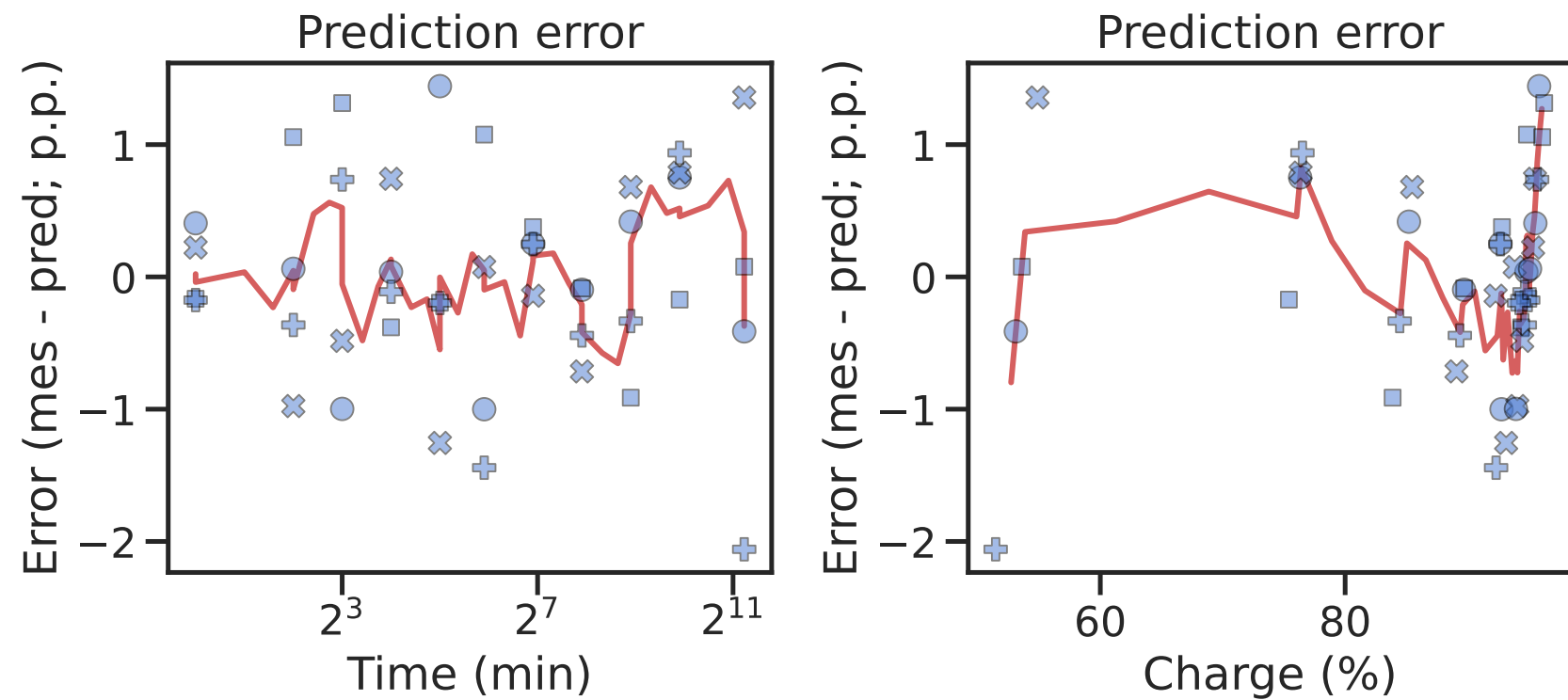
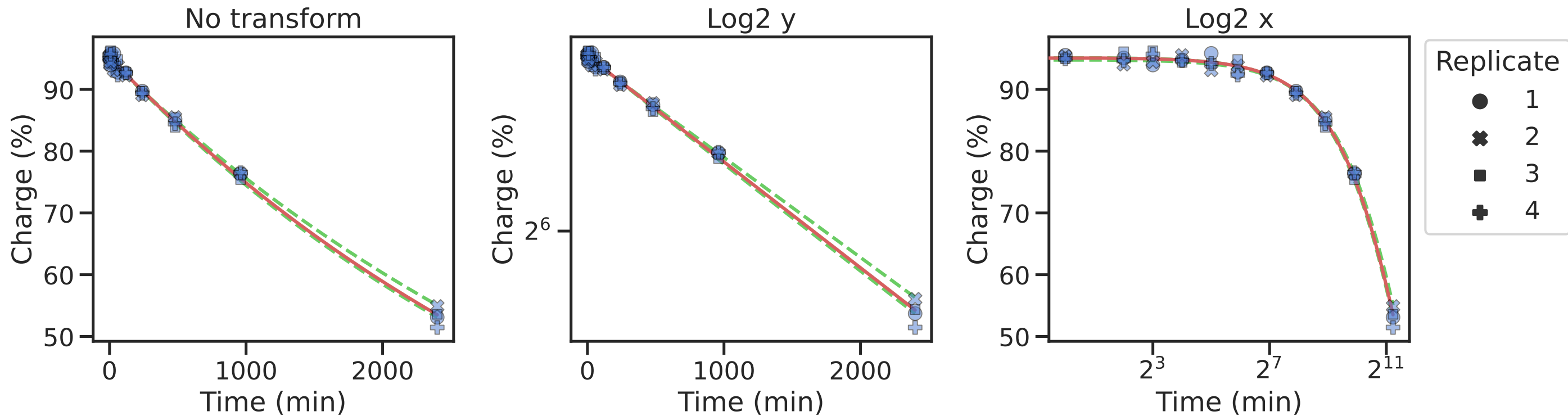


Ile-AAT-7-1 half-life=3024 min, 95% CI (2794; 3215)

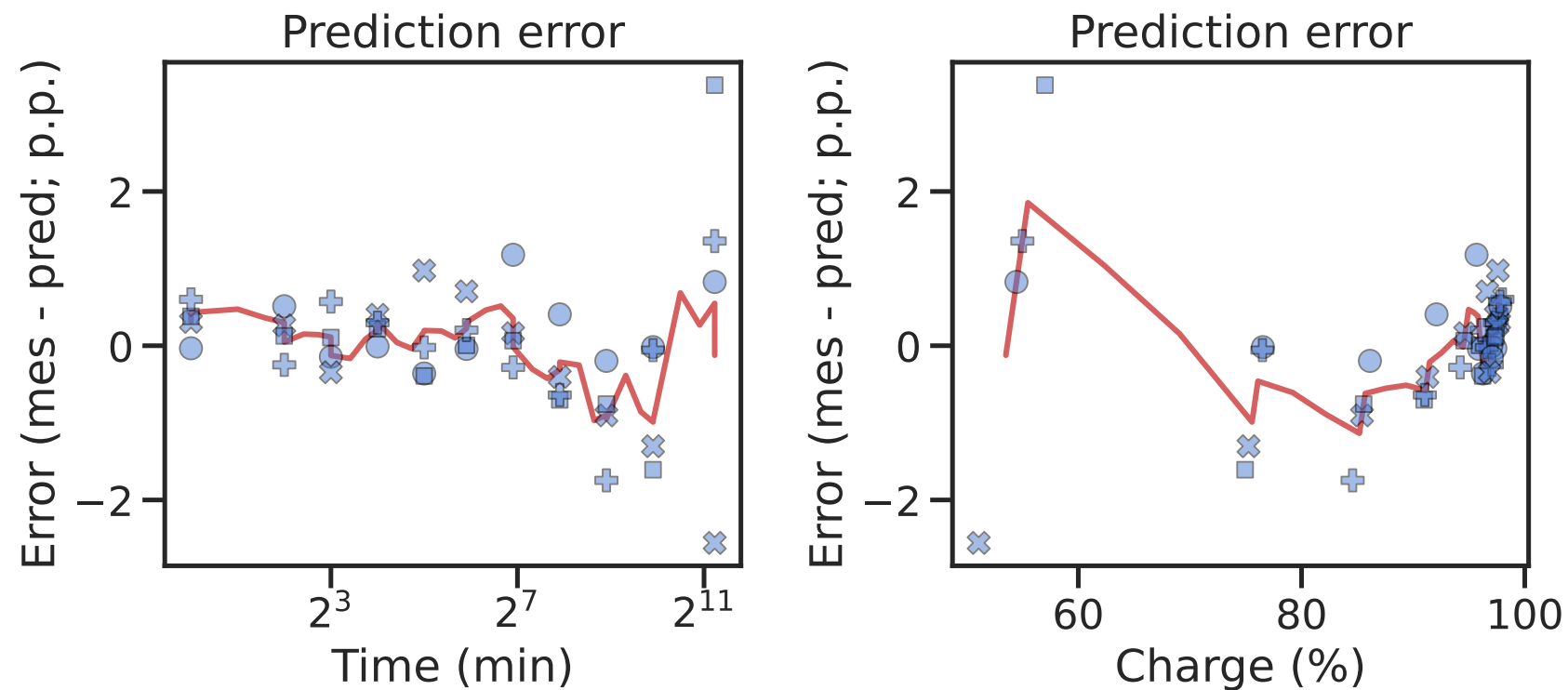
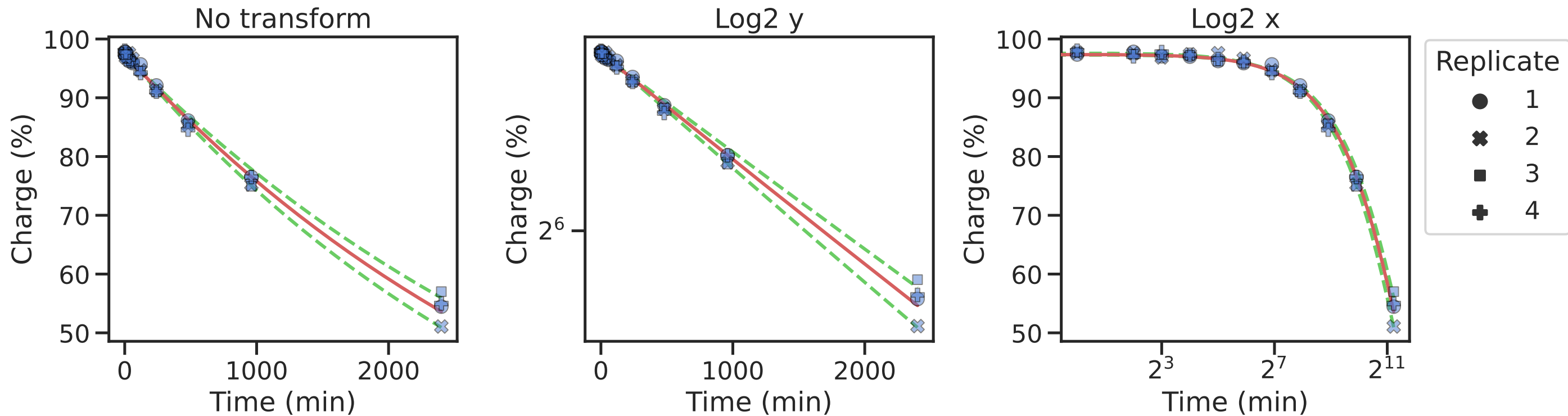




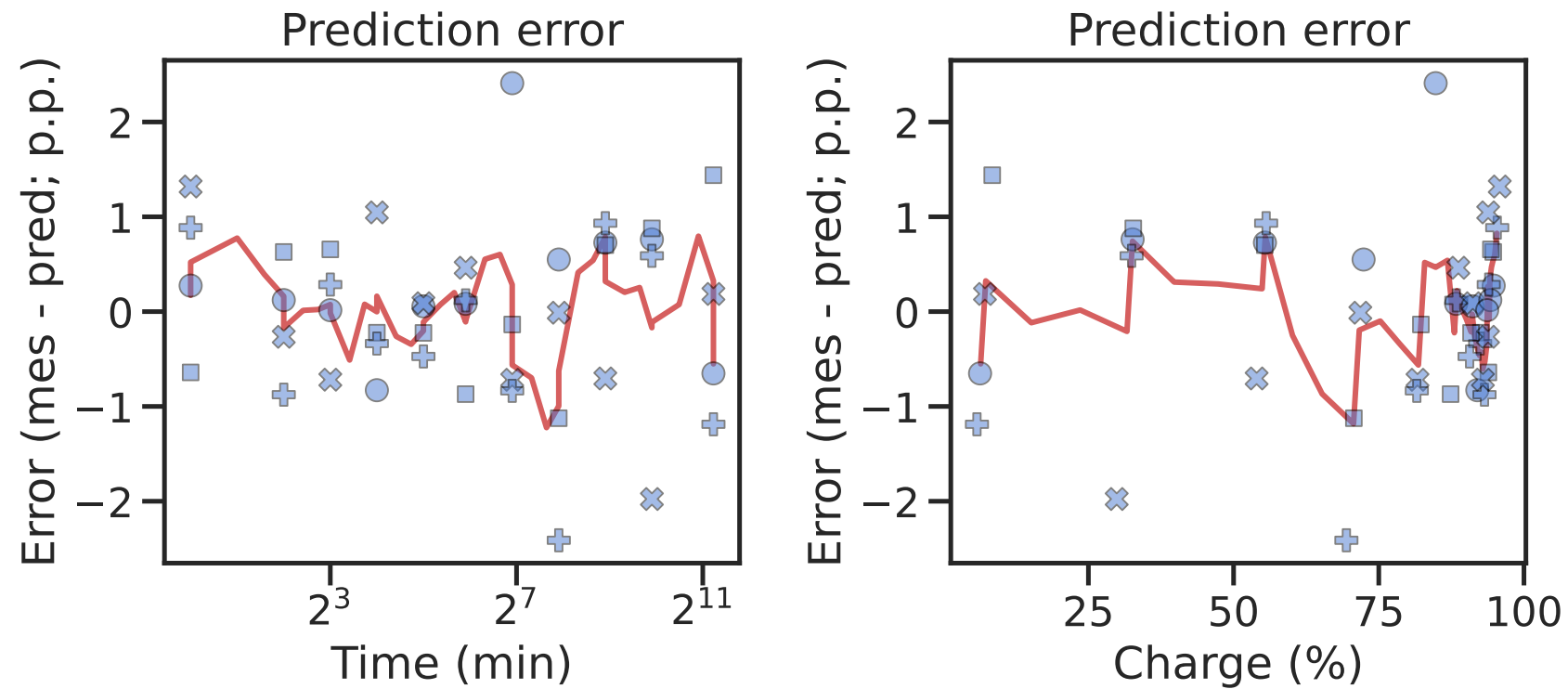
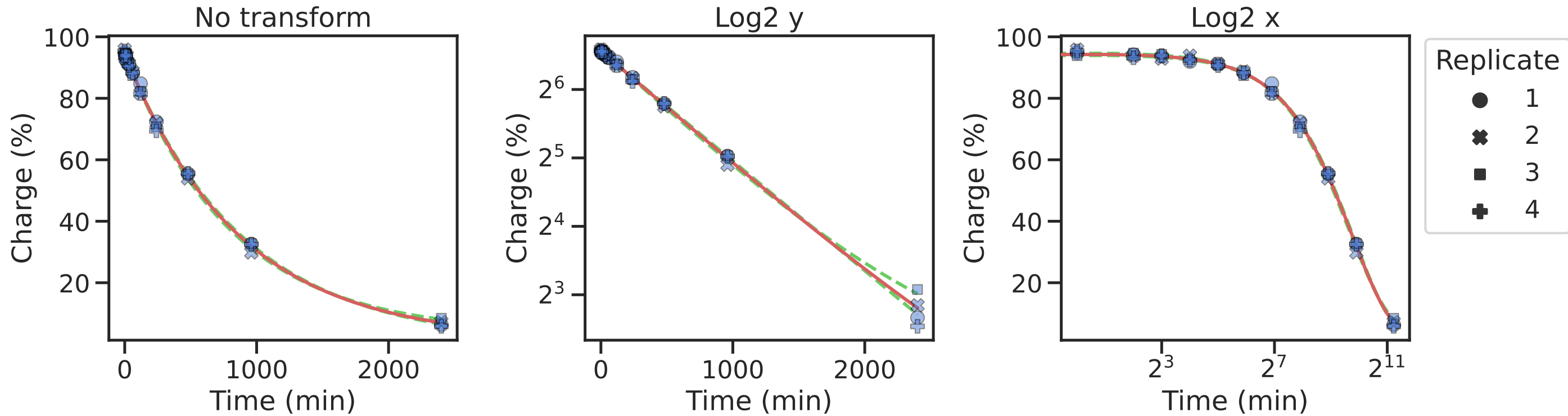
Ile-AAT-8-1 half-life=2891 min, 95% CI (2709; 3061)



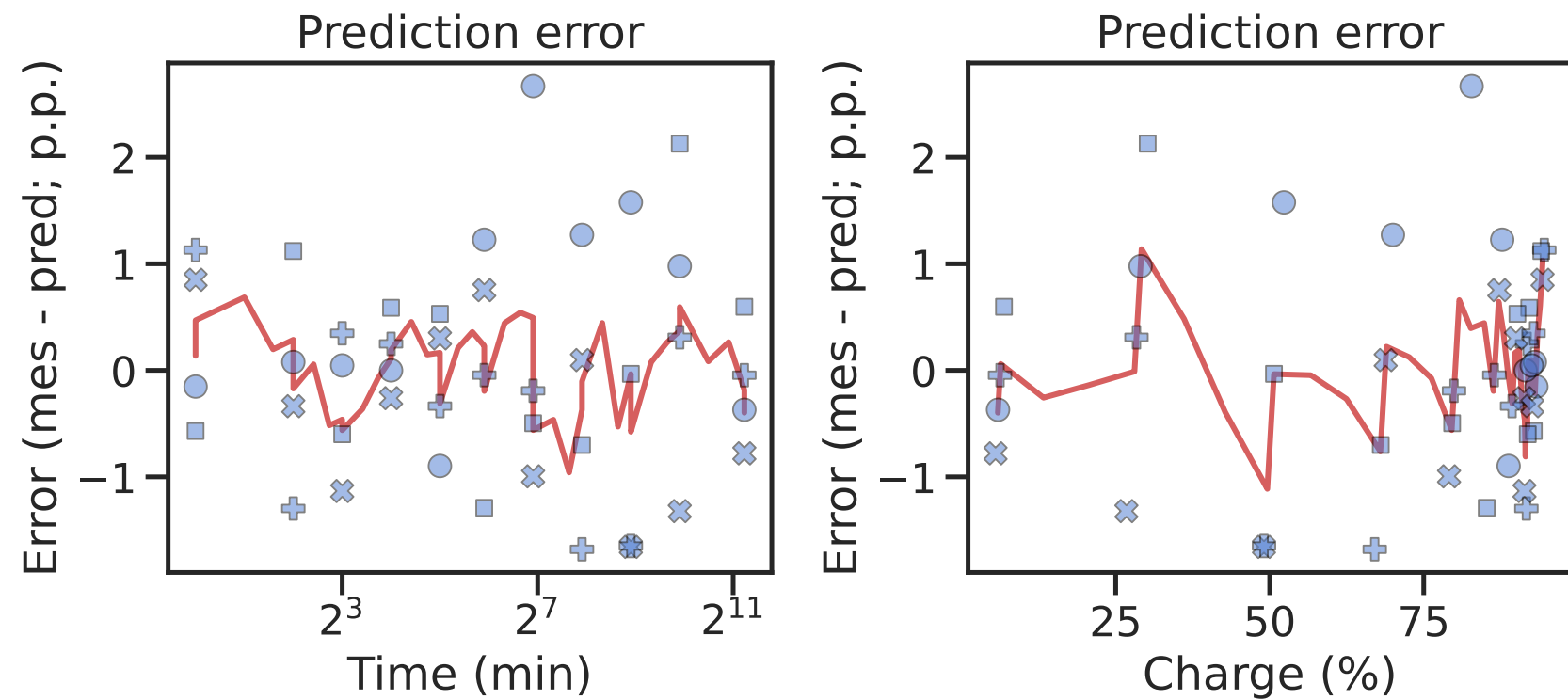
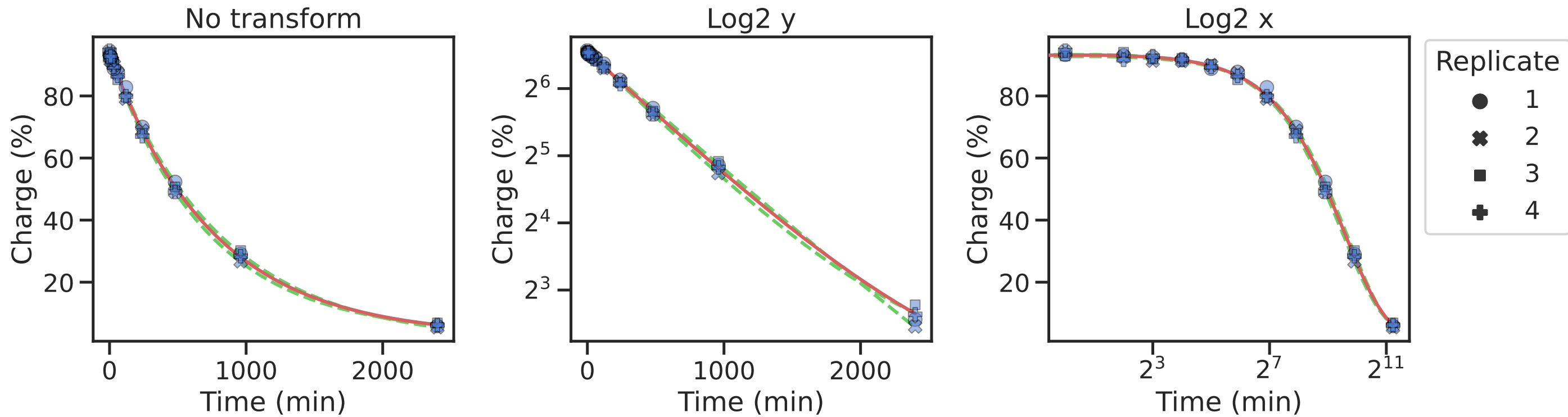
Ile-TAT-1-1 half-life=2651 min, 95% CI (2426; 2861)



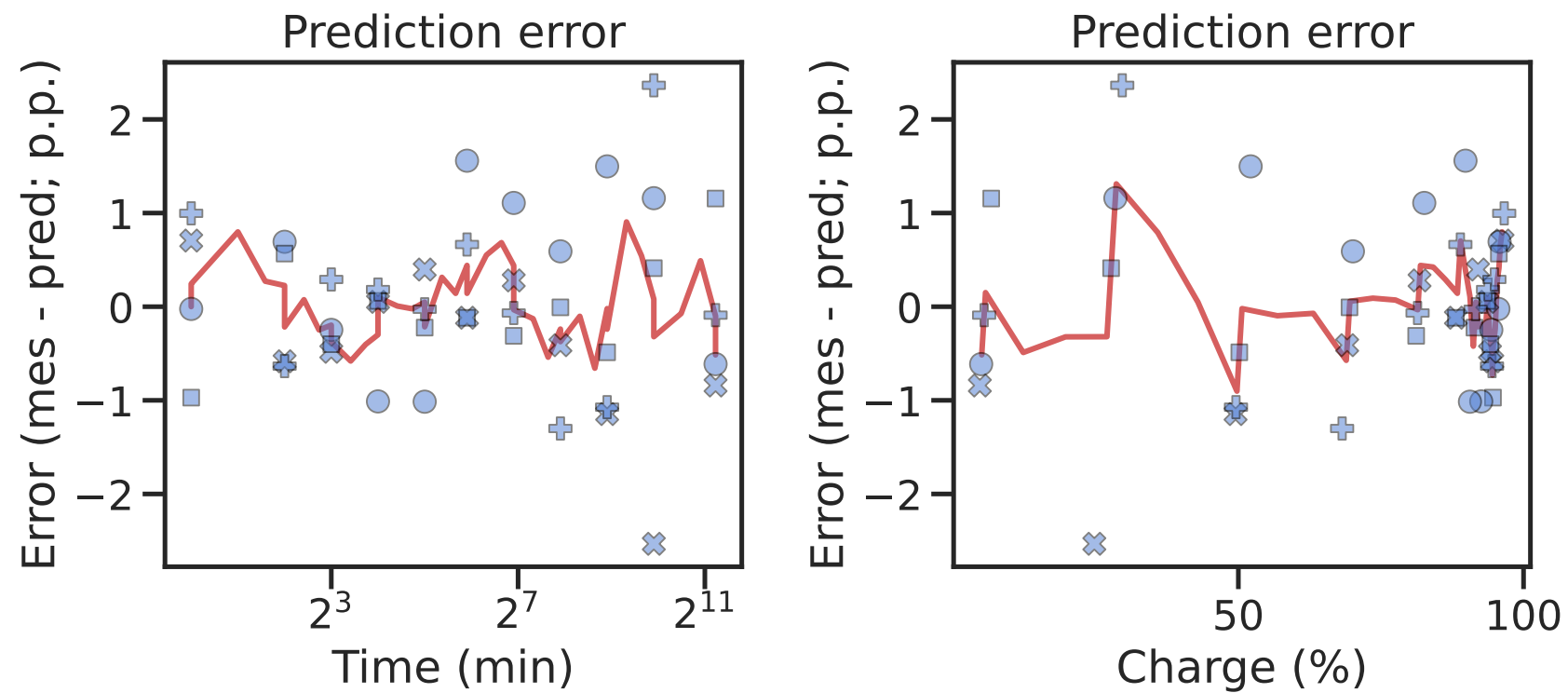
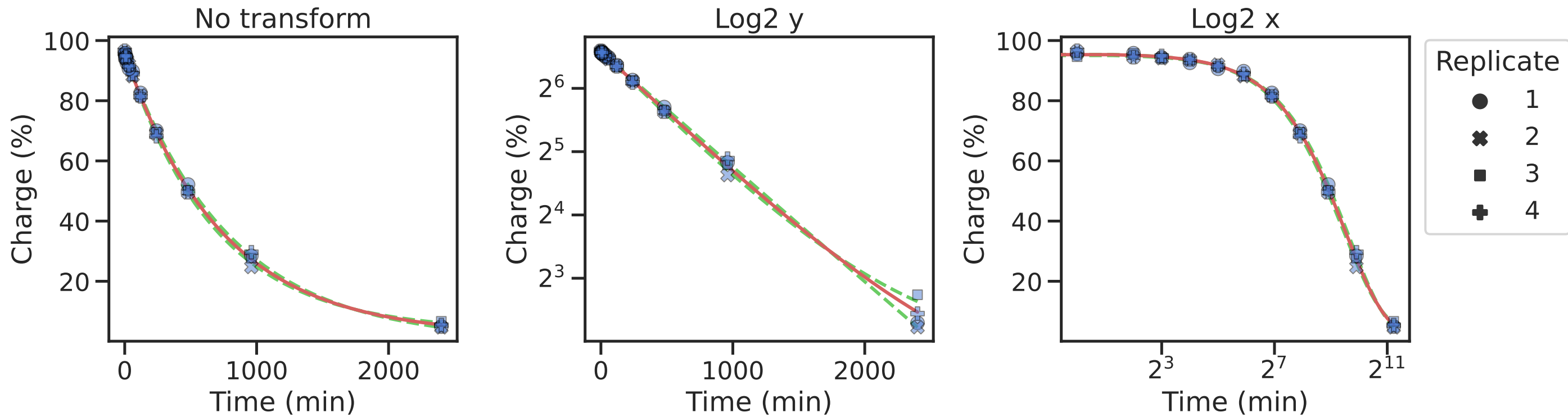
Leu-AAG-1-1 half-life=597 min, 95% CI (556; 624)



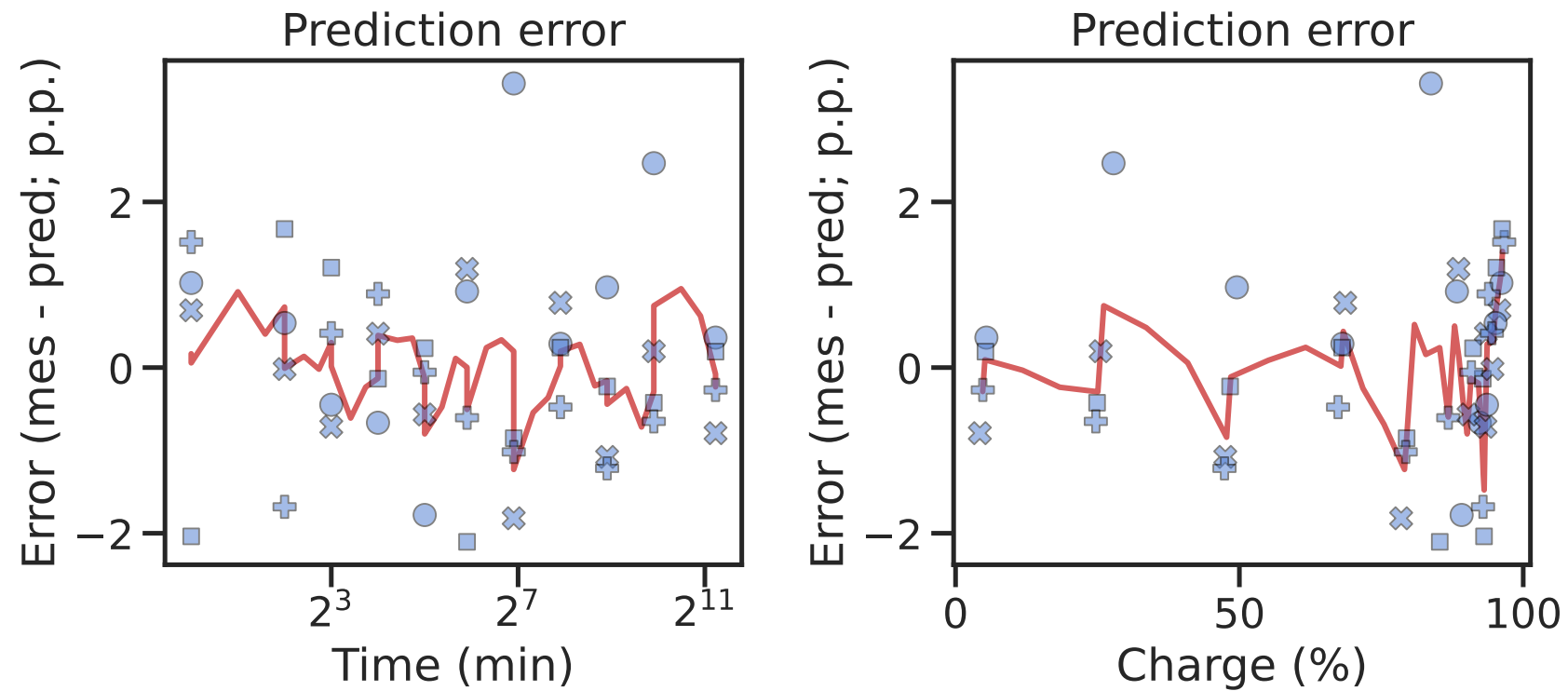
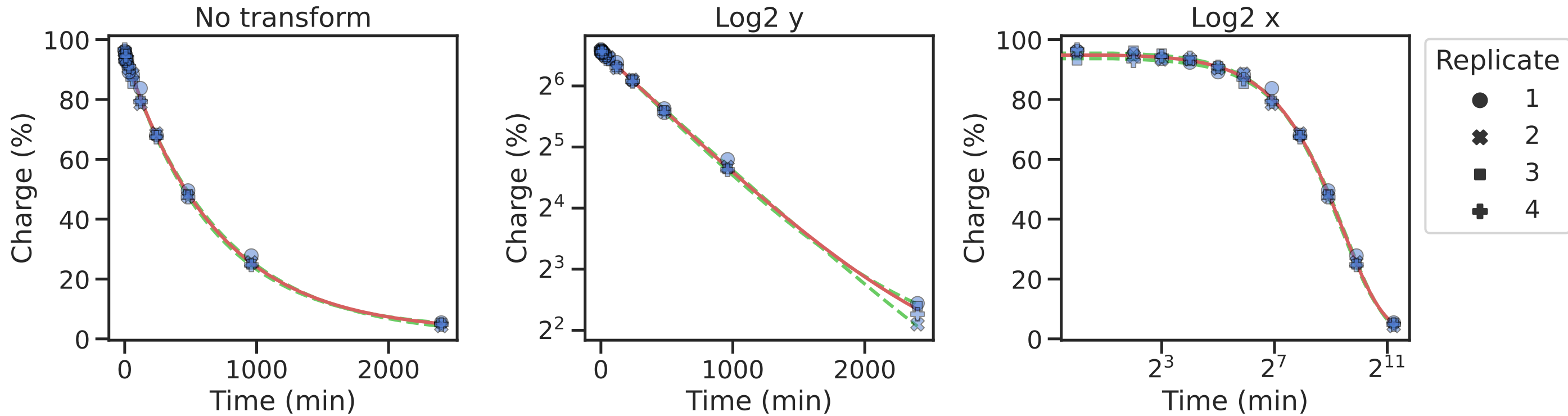
Leu-AAG-2-3 half-life=525 min, 95% CI (490; 571)



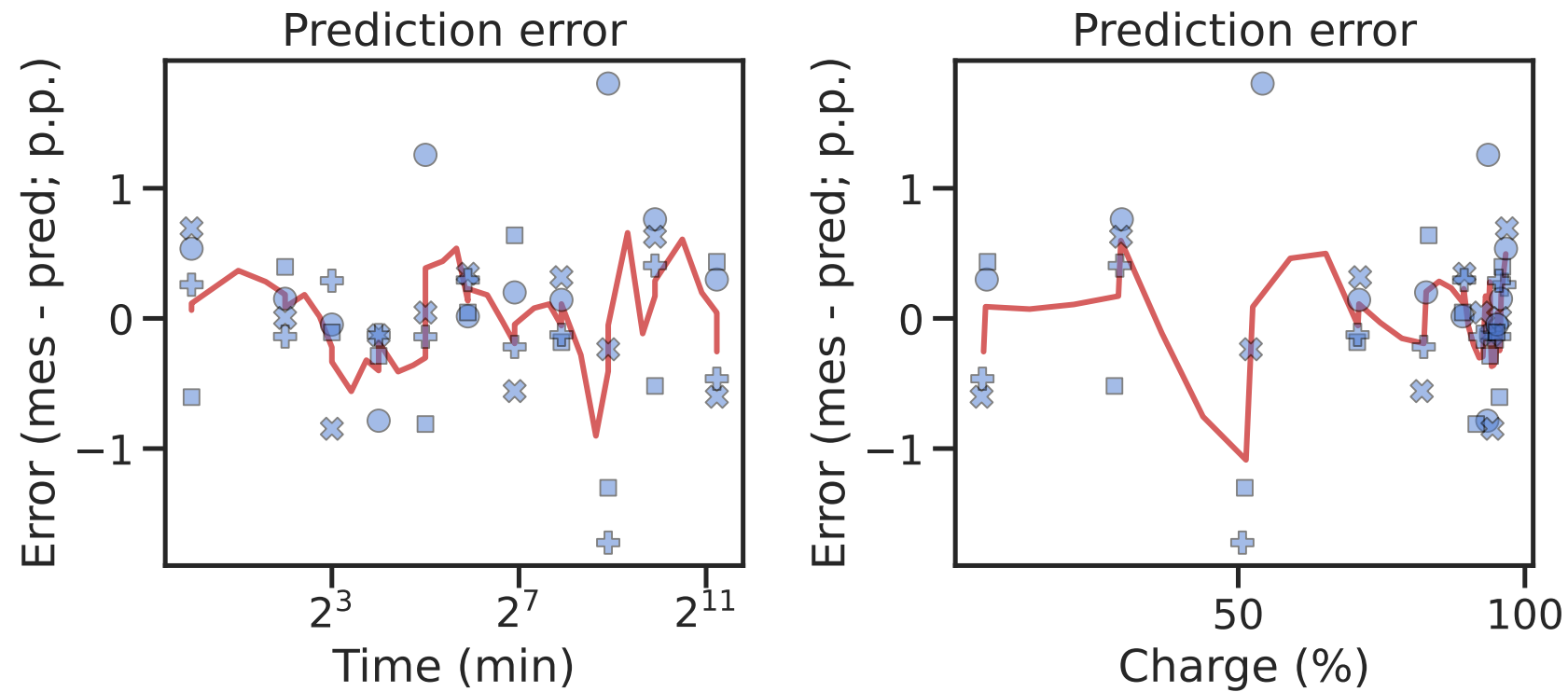
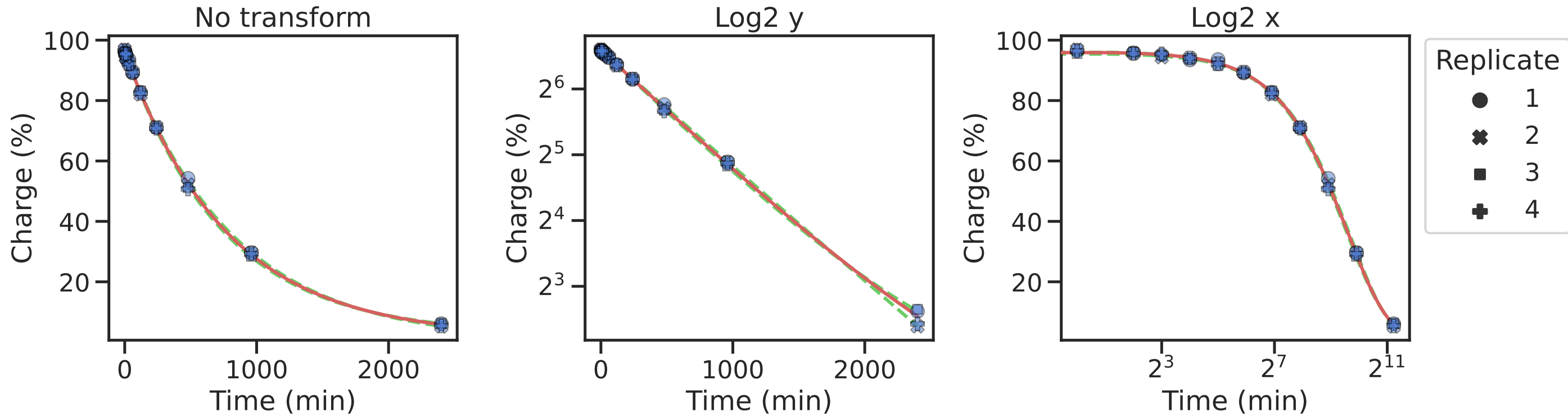
Leu-CAA-2-1 half-life=509 min, 95% CI (475; 550)



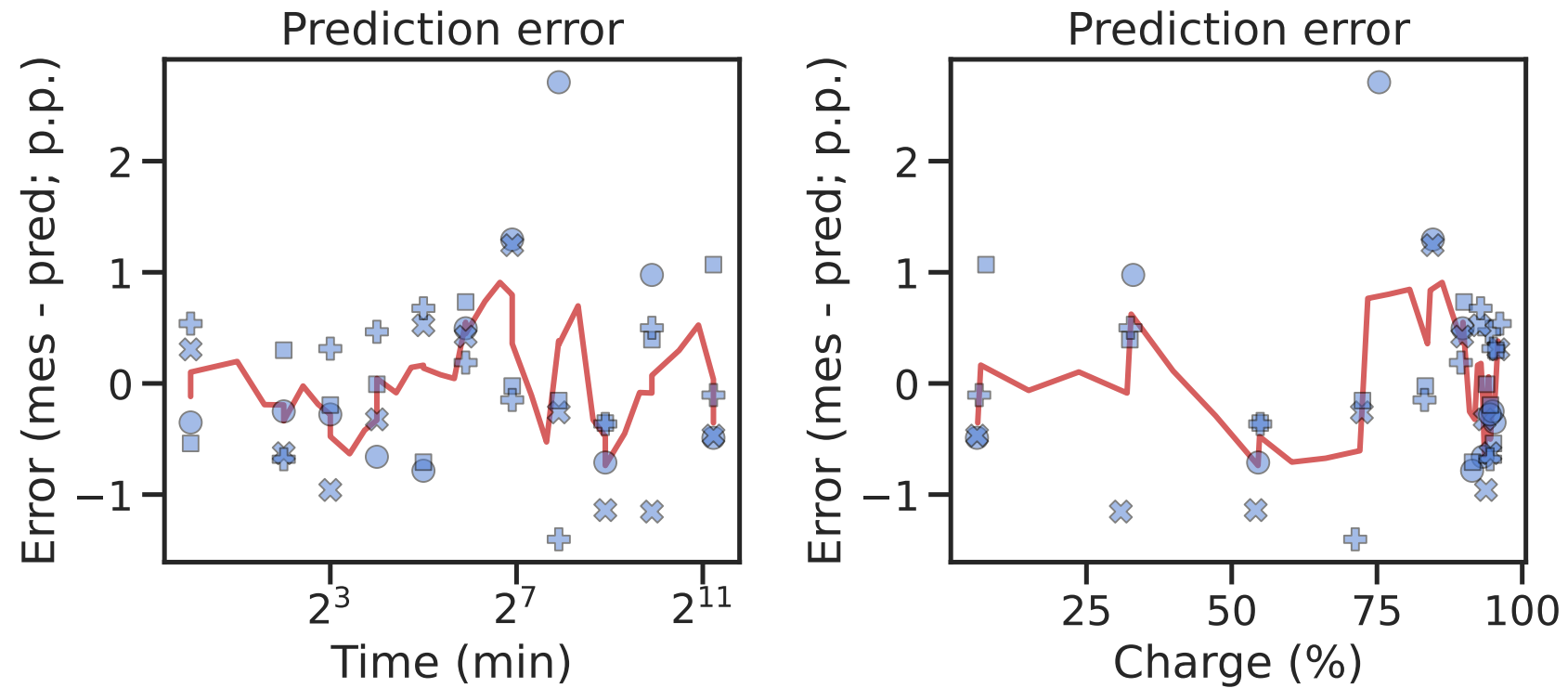
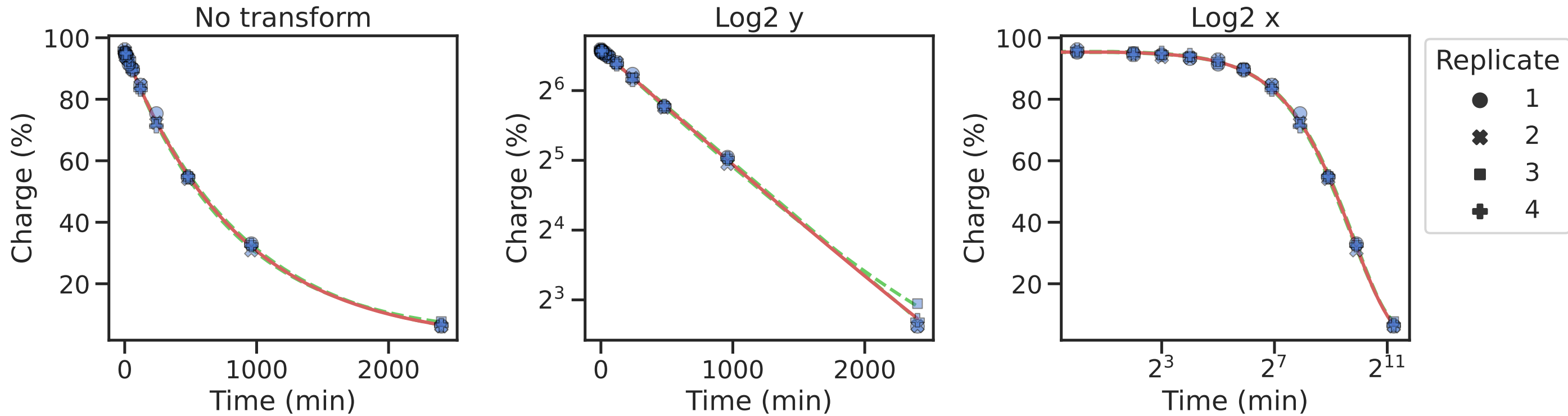
Leu-CAA-3-1 half-life=479 min, 95% CI (455; 510)



Leu-CAA-4-1 half-life=536 min, 95% CI (514; 569)

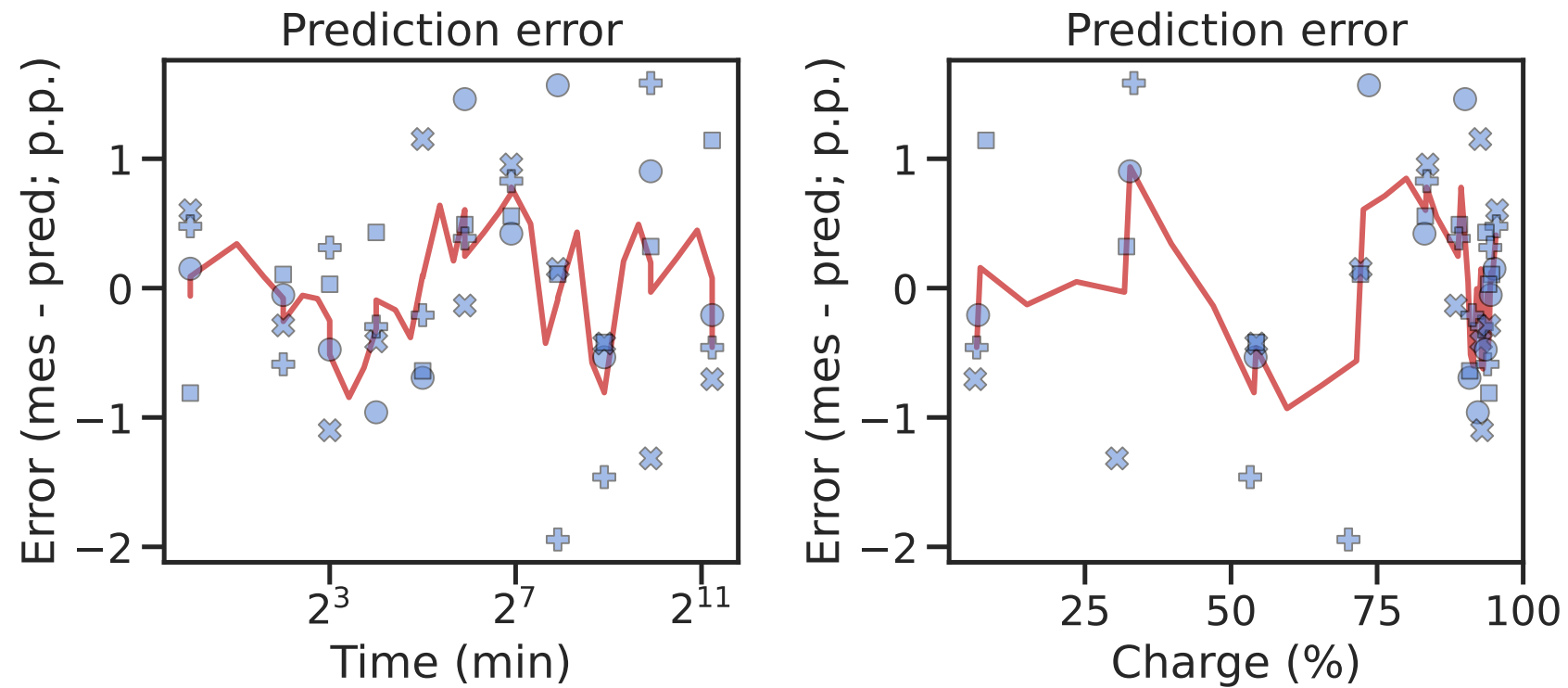
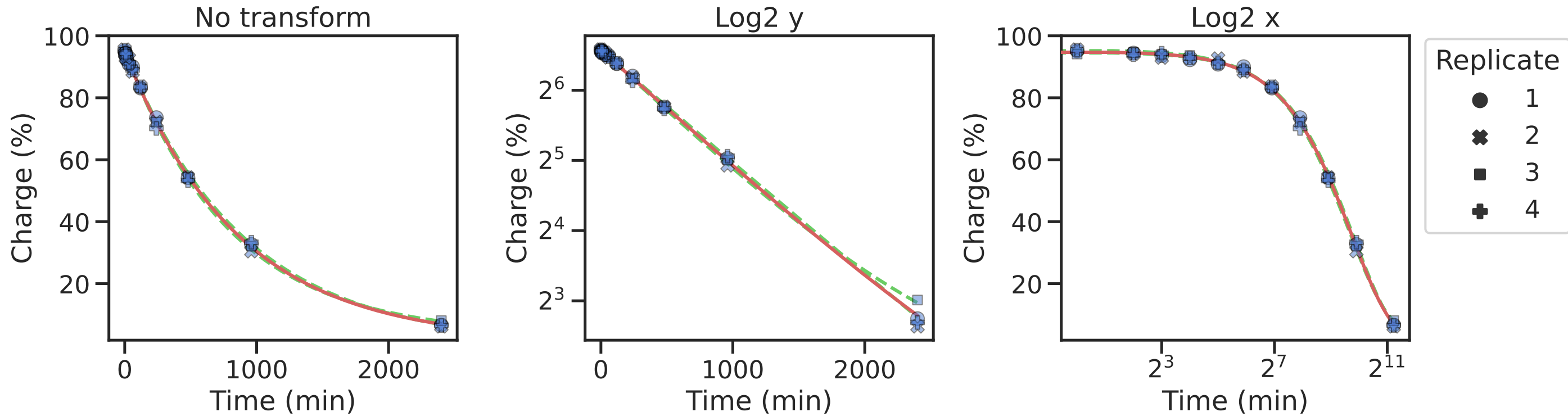


Leu-CAG-1-1 half-life=602 min, 95% CI (567; 622)

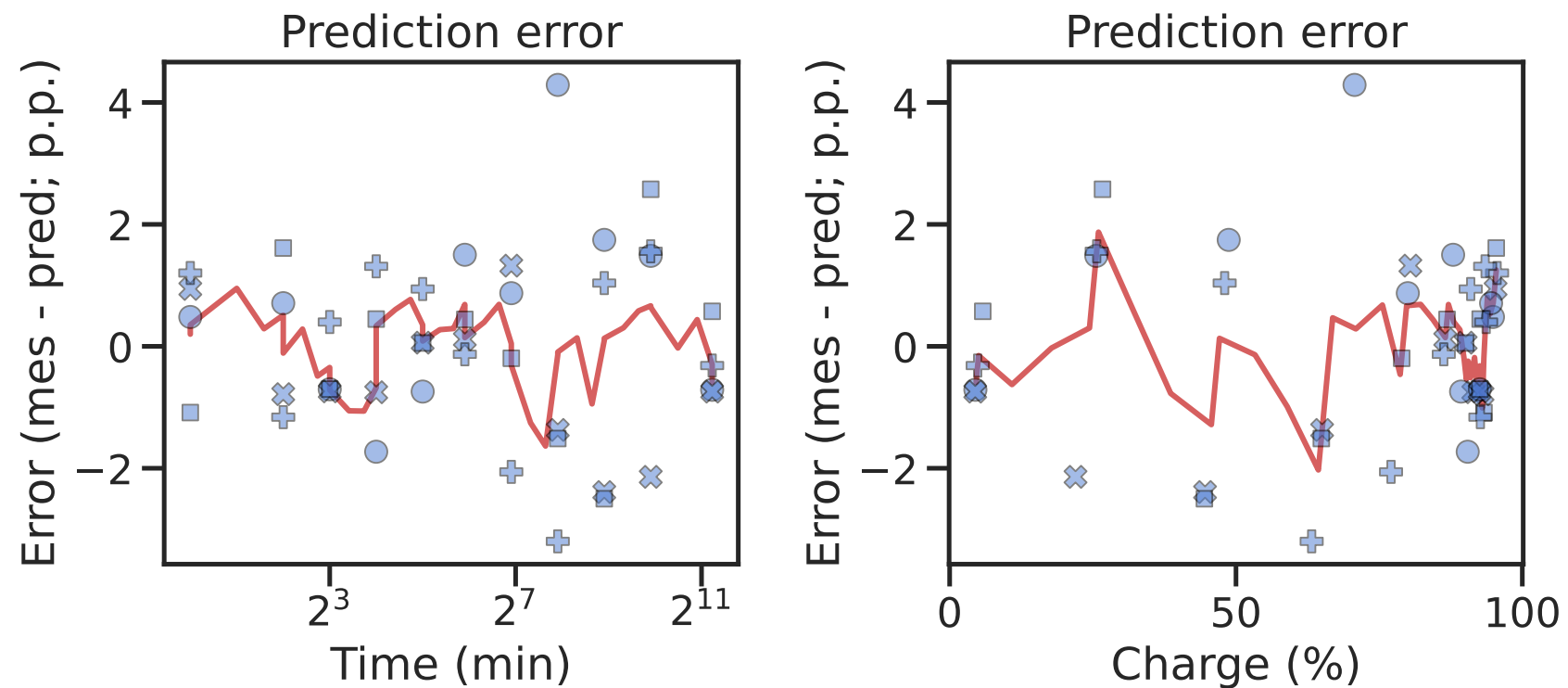
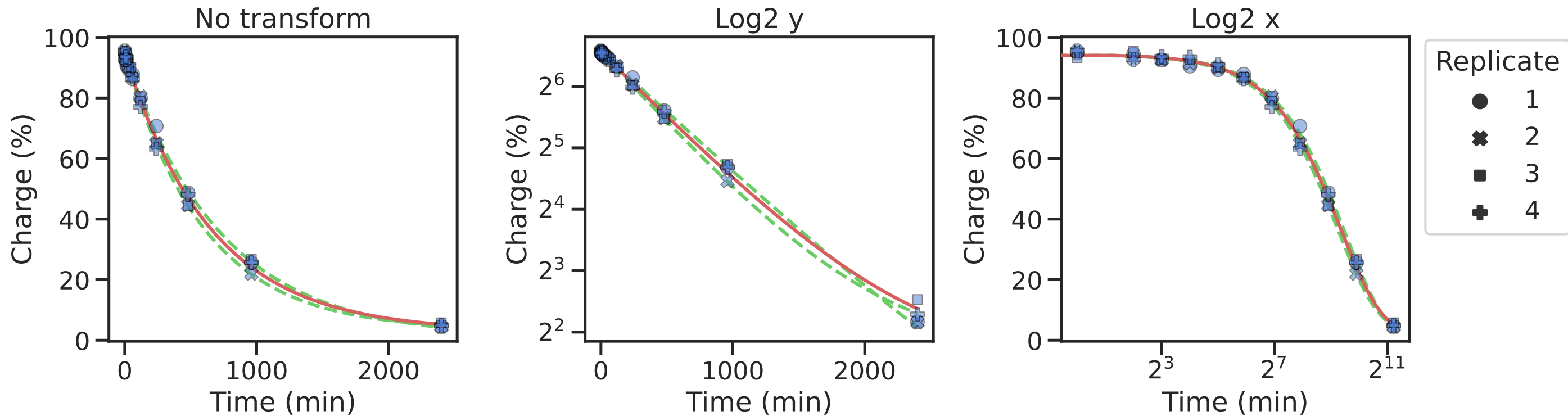




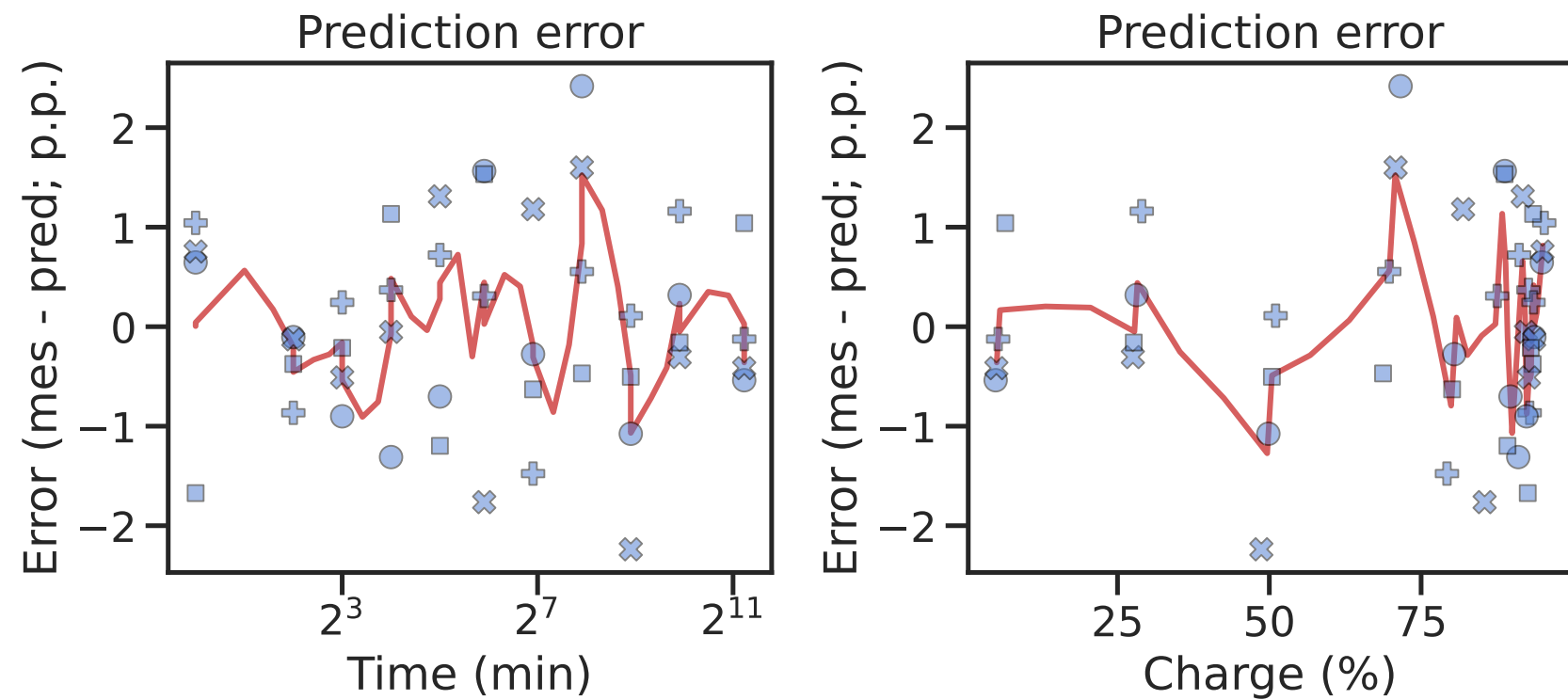
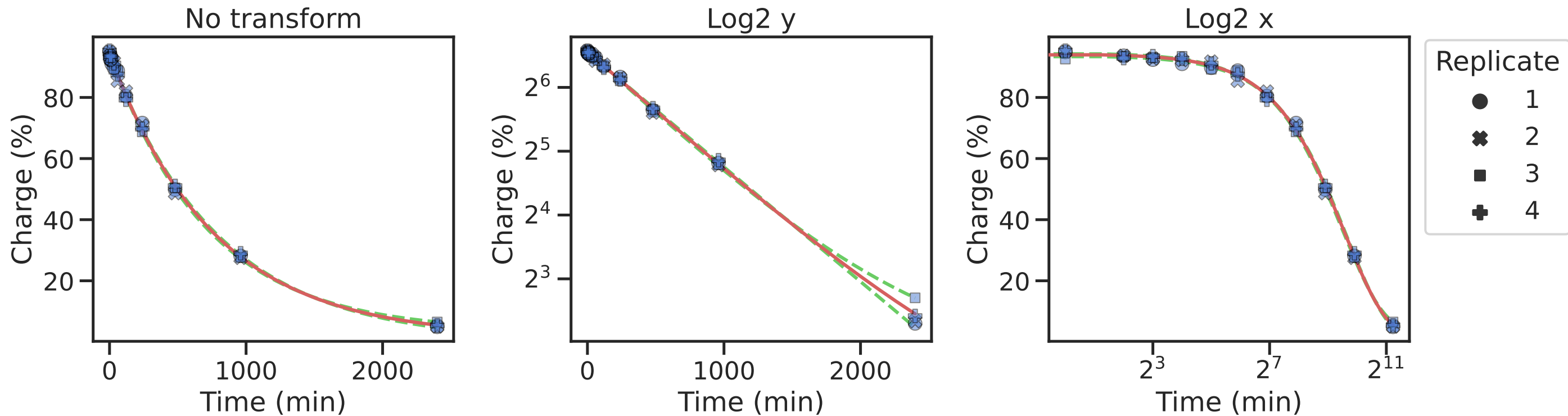
Leu-CAG-2-1 half-life=594 min, 95% CI (552; 623)



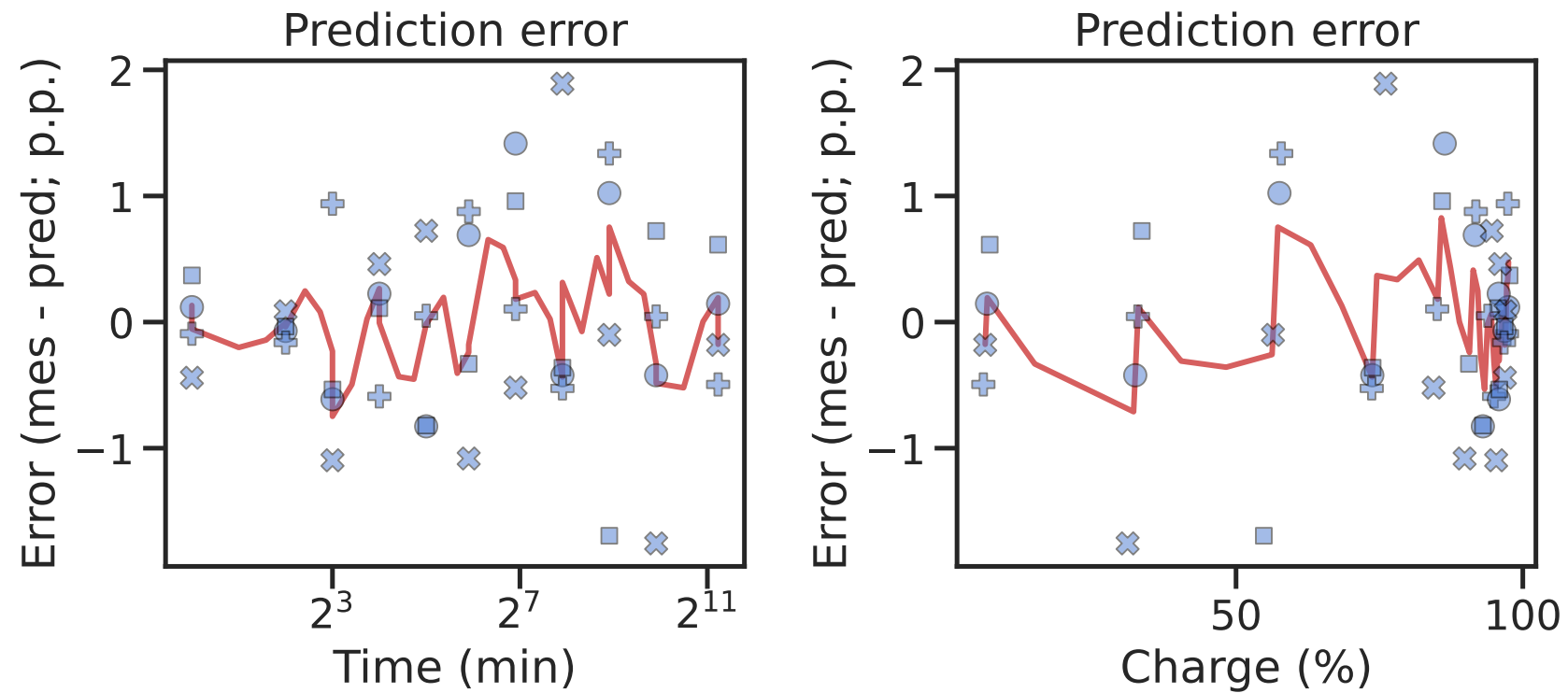
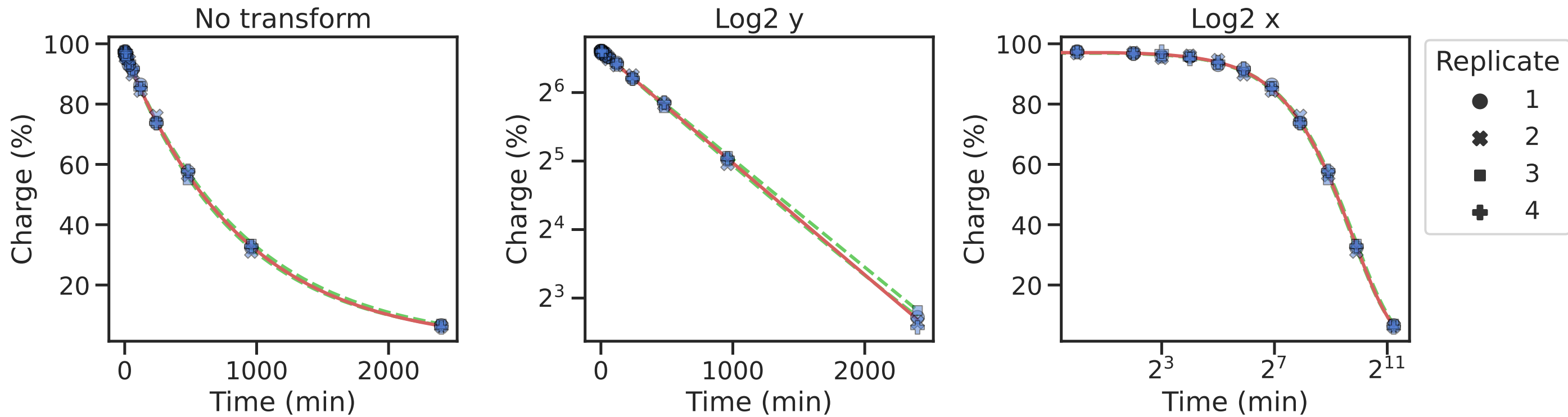
Leu-TAA-1-1 half-life=456 min, 95% CI (418; 508)



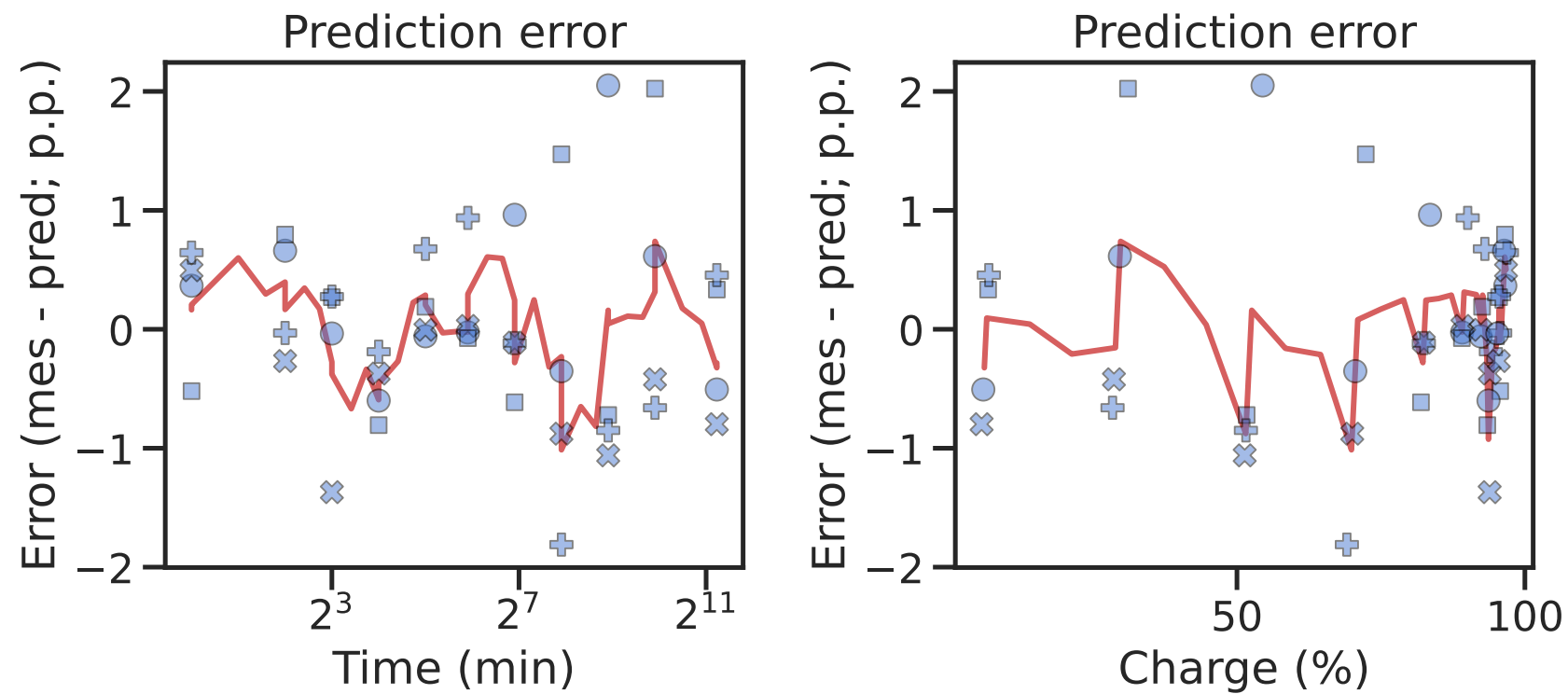
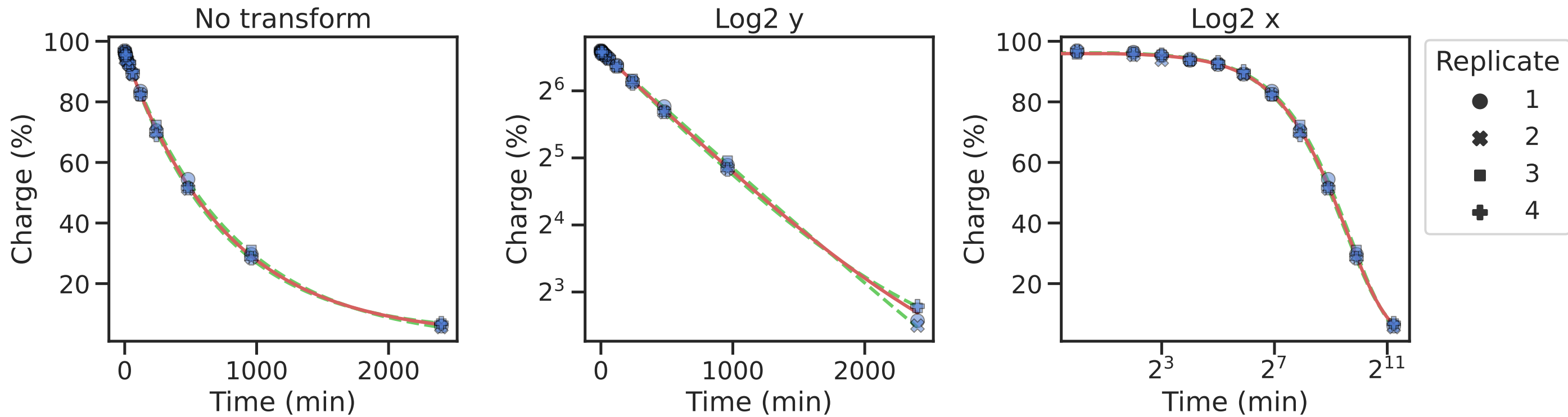
Leu-TAA-3-1 half-life=529 min, 95% CI (498; 557)



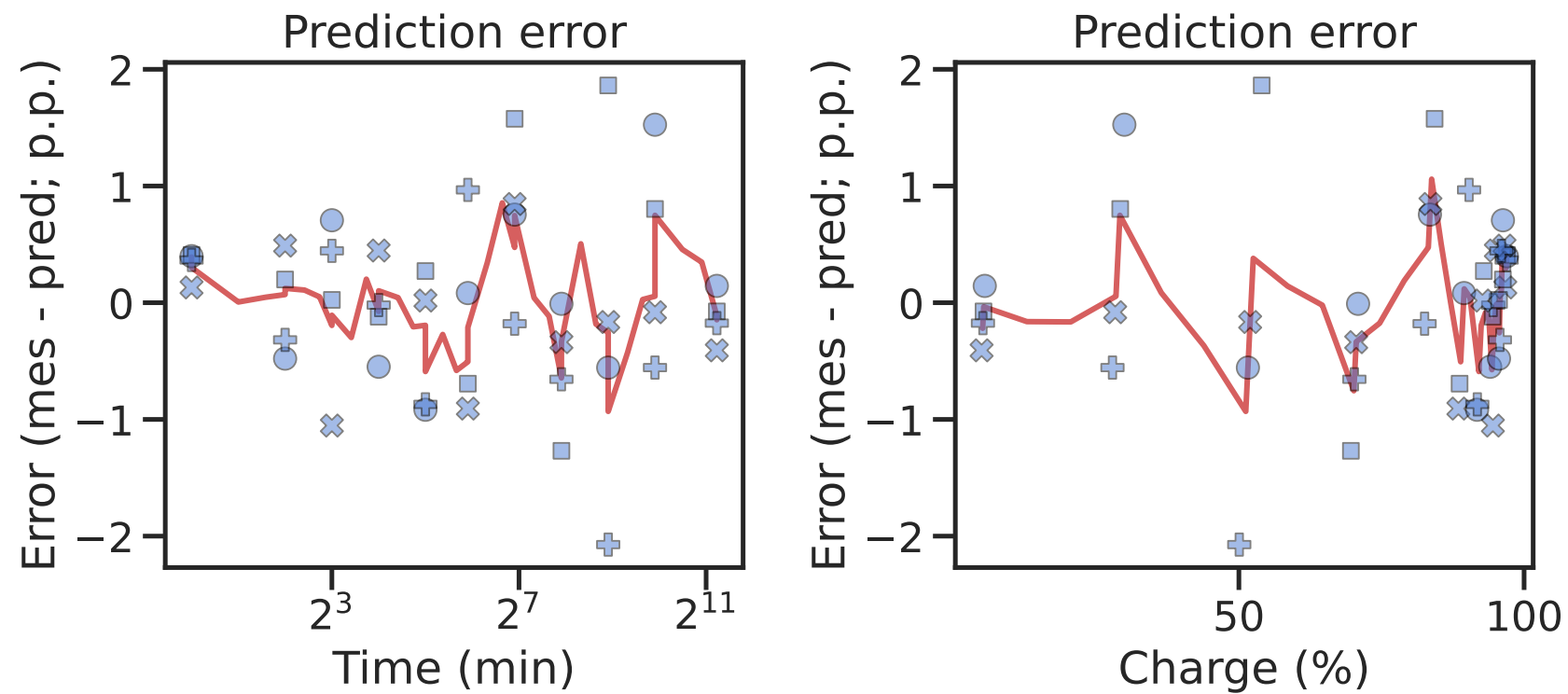
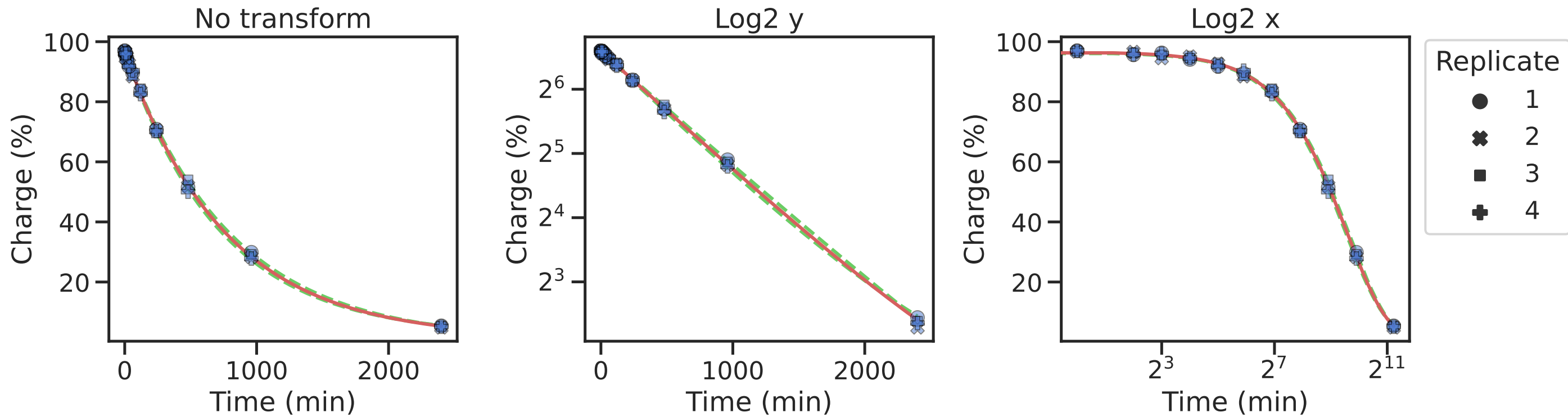
Leu-TAG-1-1 half-life=613min, 95% CI (589; 635)



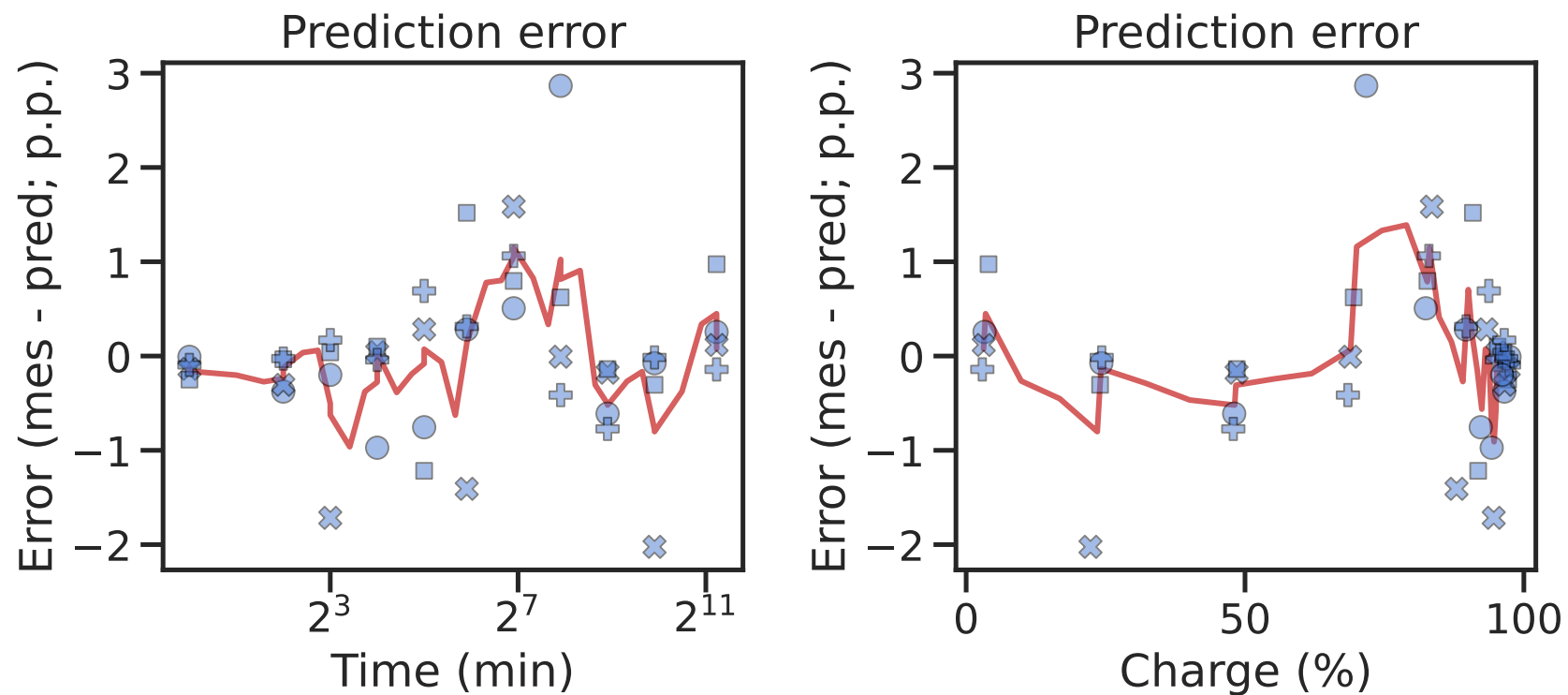
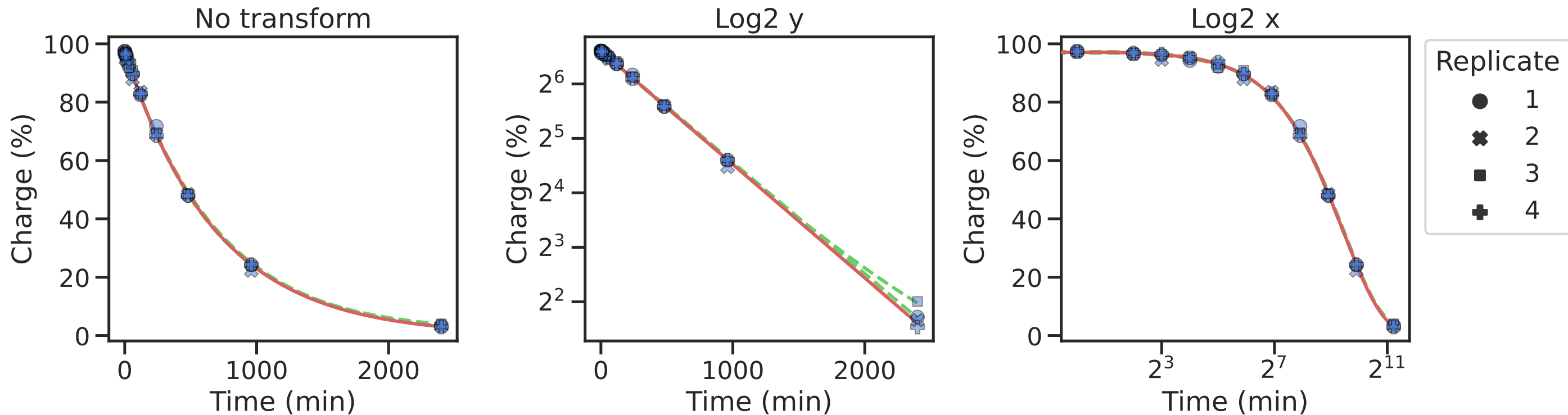
Leu-TAG-2-1 half-life=528min, 95% CI (502; 569)



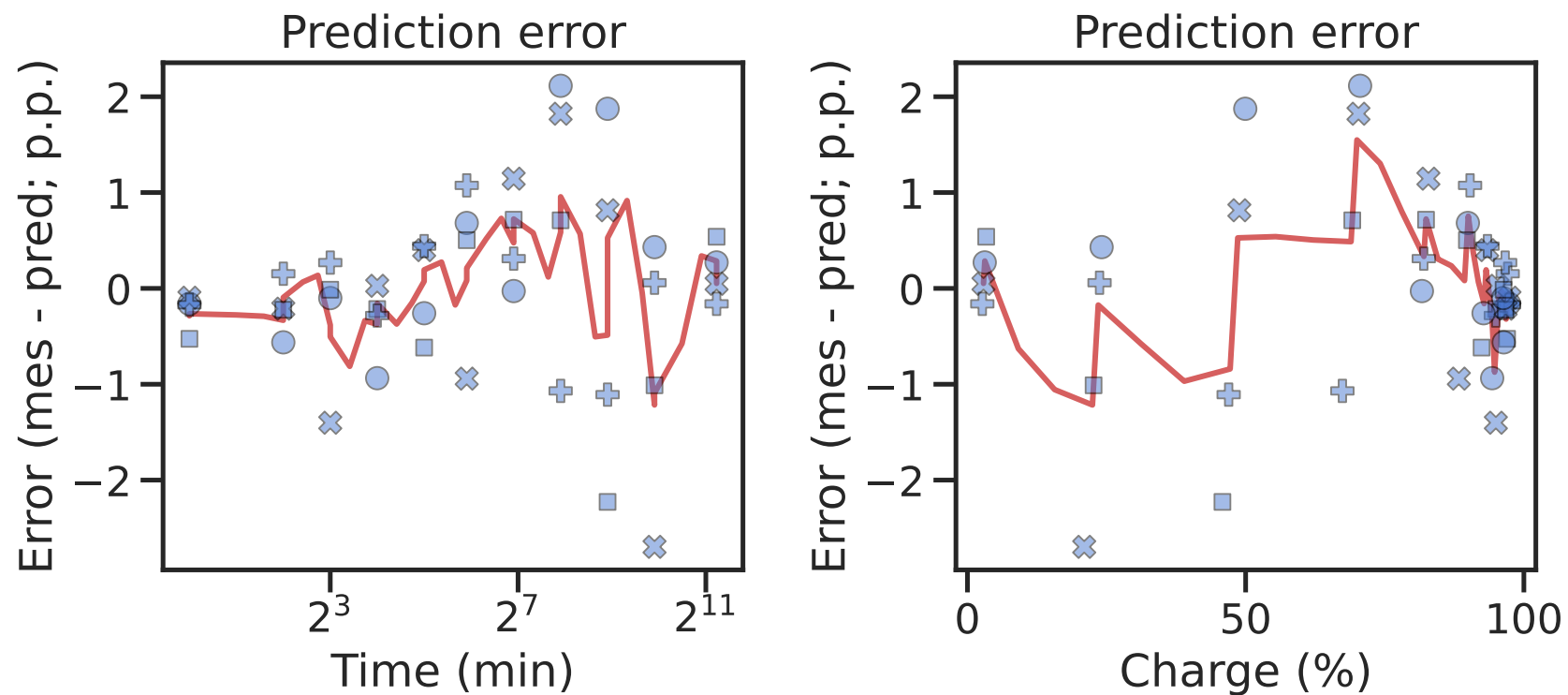
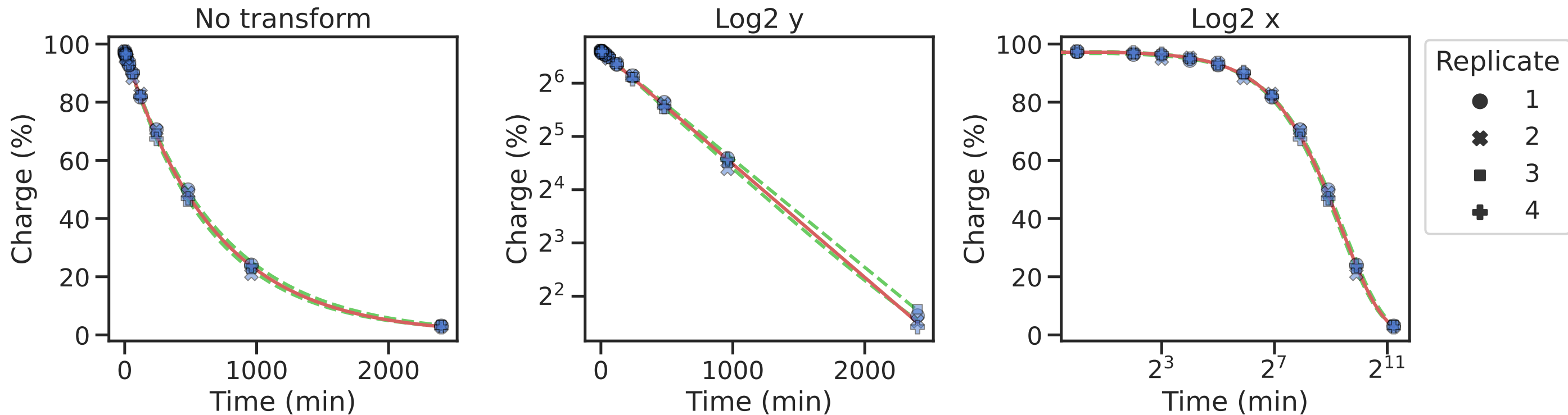
Leu-TAG-3-1 half-life=531min, 95% CI (505; 559)



Lys-CTT-1-1 half-life=479 min, 95% CI (466; 490)

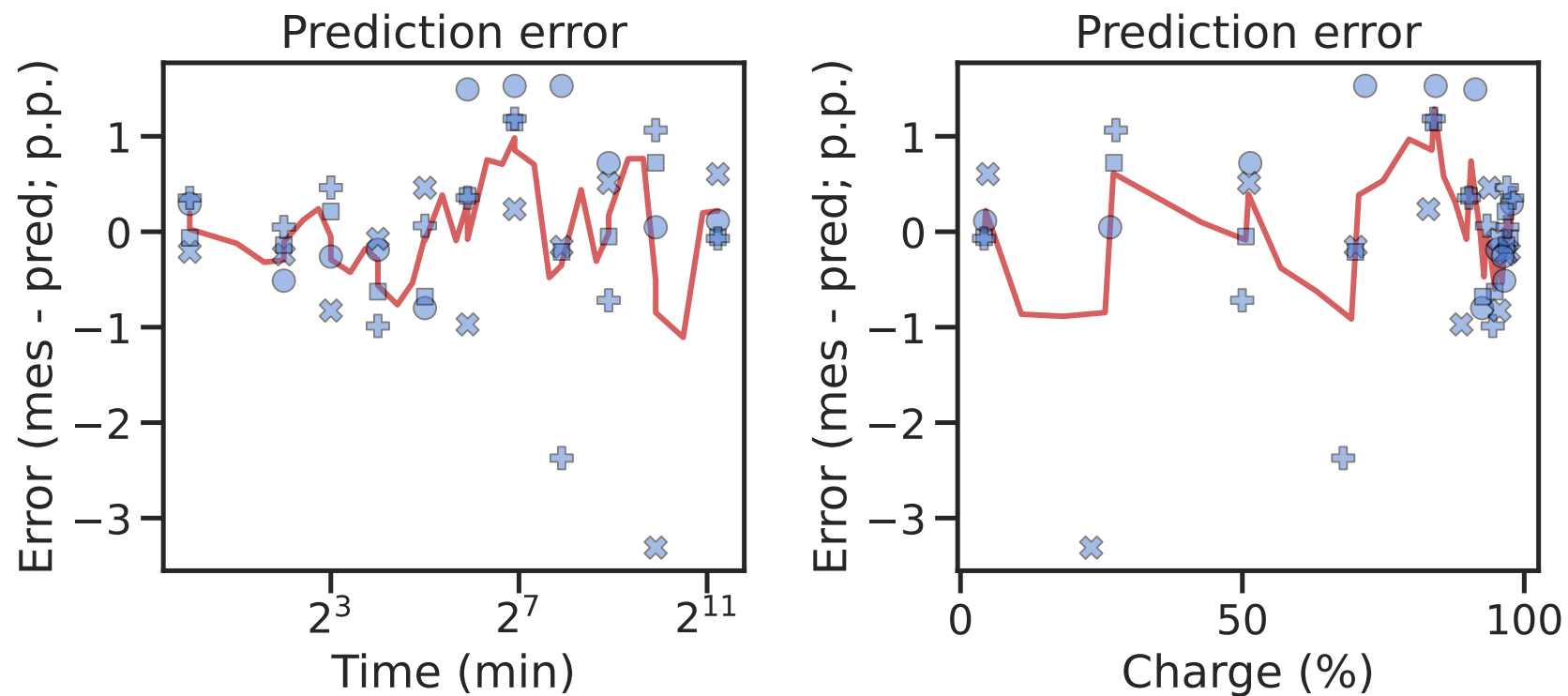
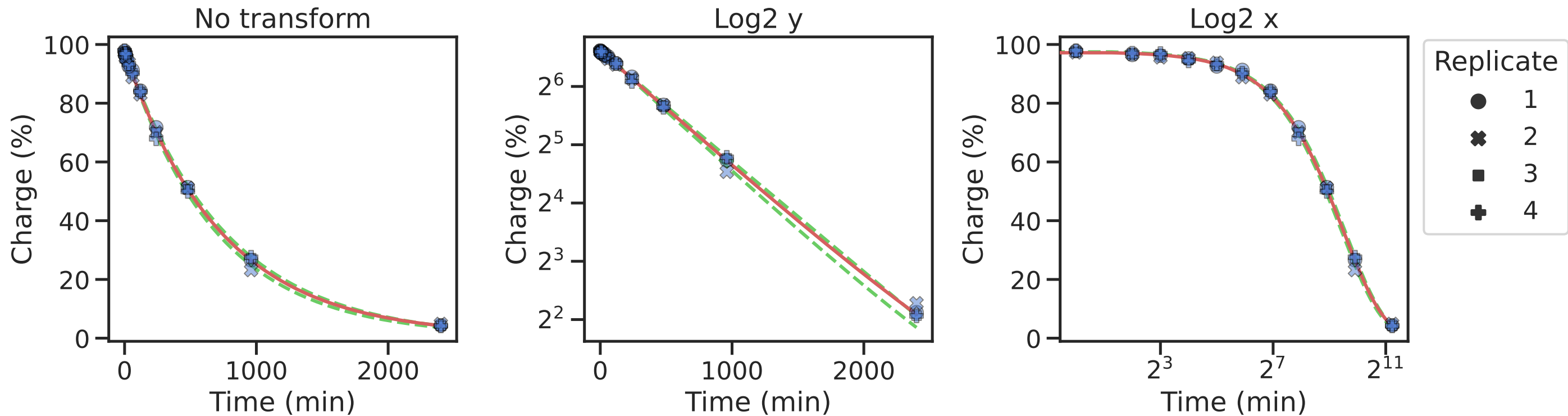


Lys-CTT-2-1 half-life=470 min, 95% CI (445; 493)

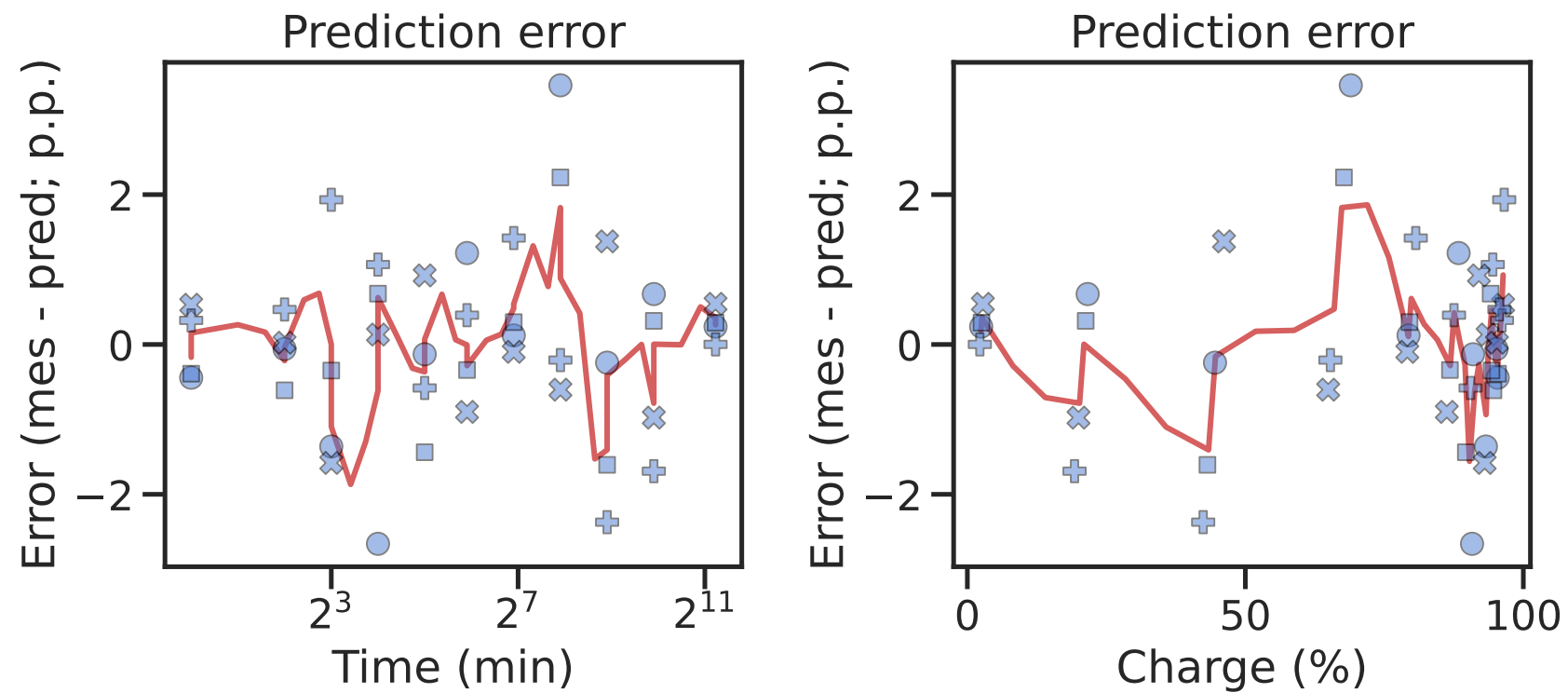
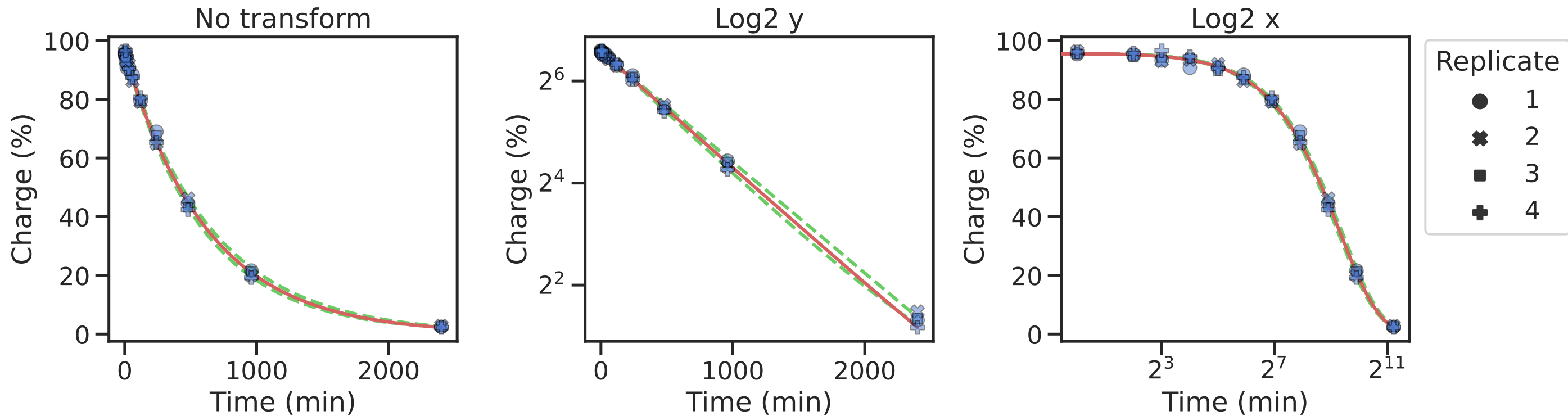




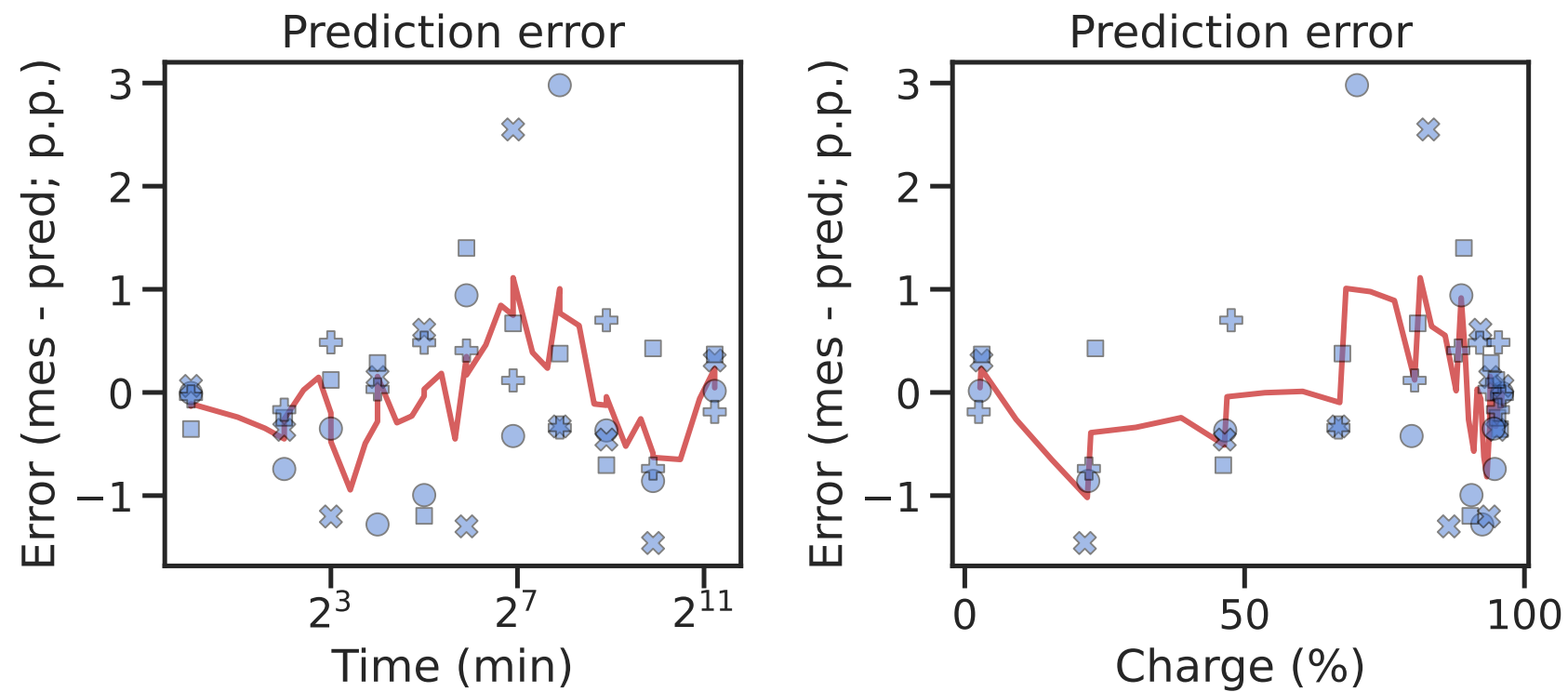
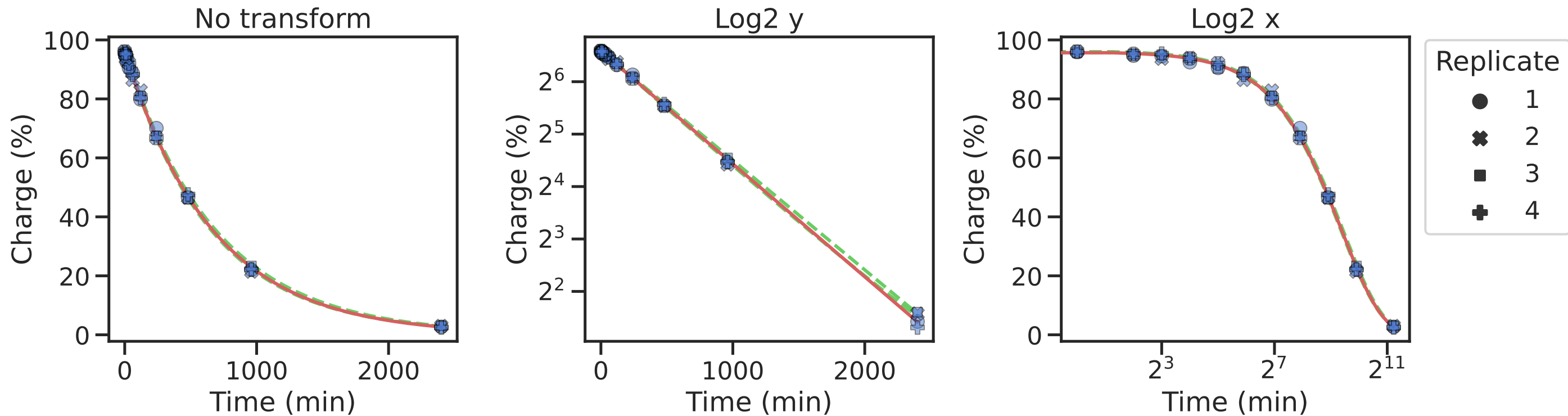
Lys-CTT-4-1 half-life=503 min, 95% CI (479; 528)



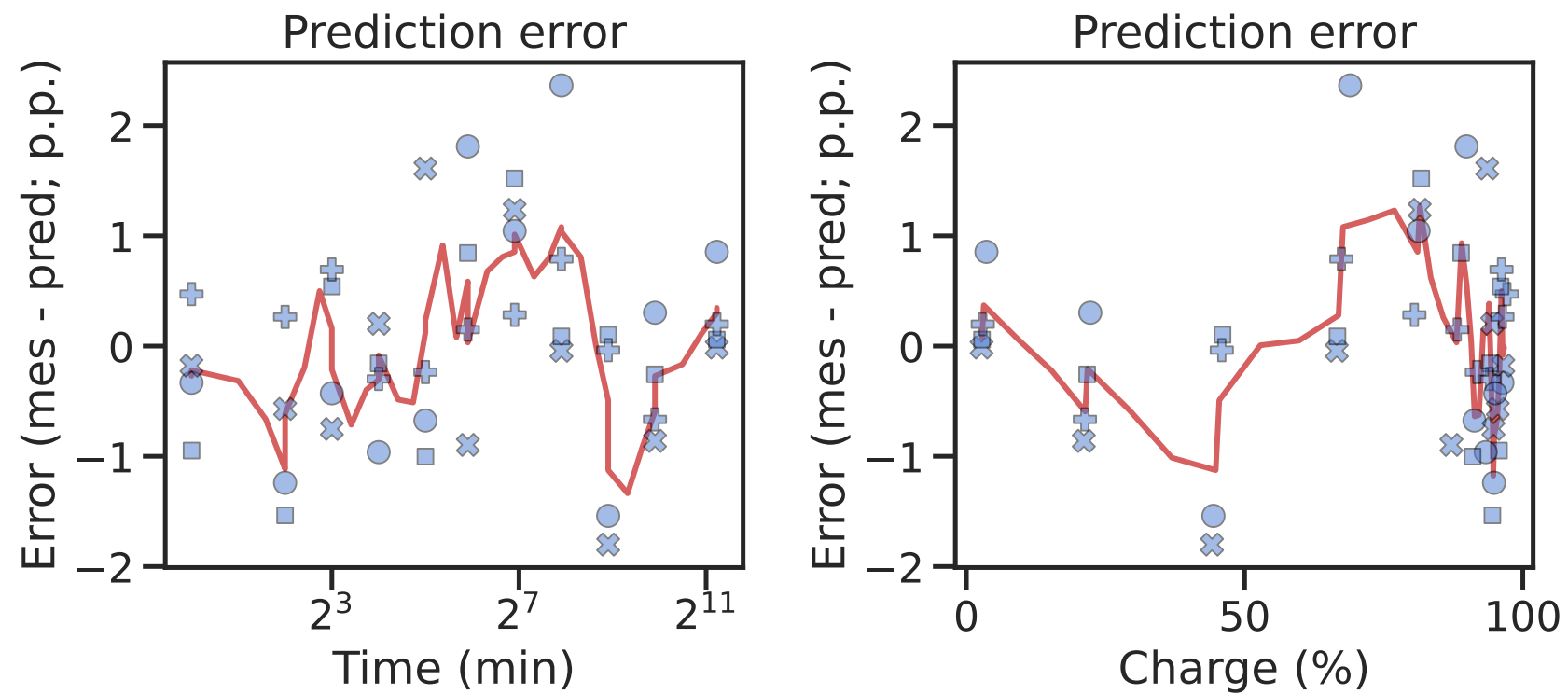
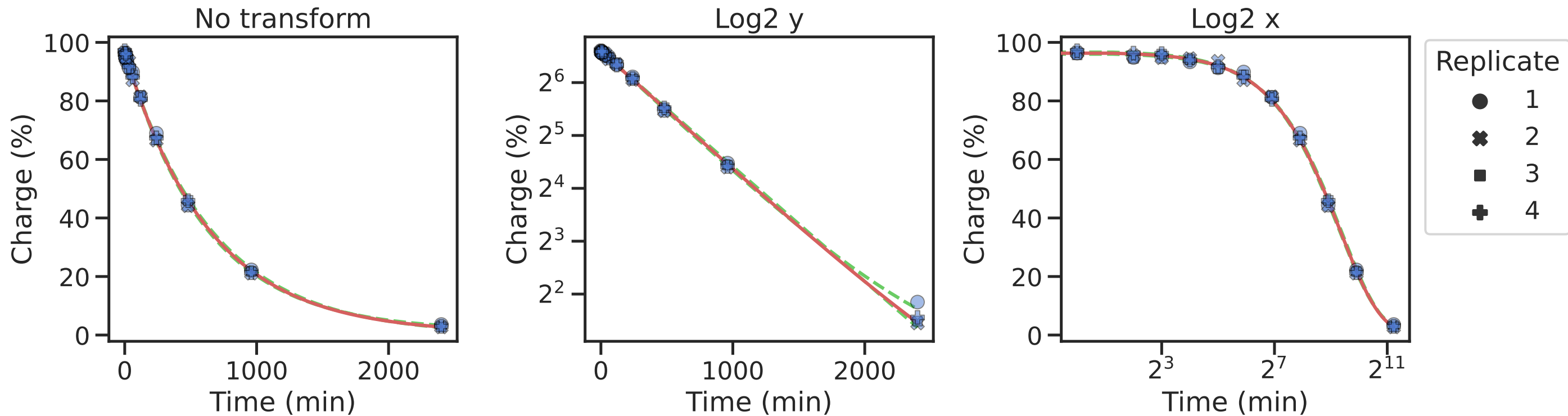
Lys-TTT-2-1 half-life=436 min, 95% CI (411; 460)



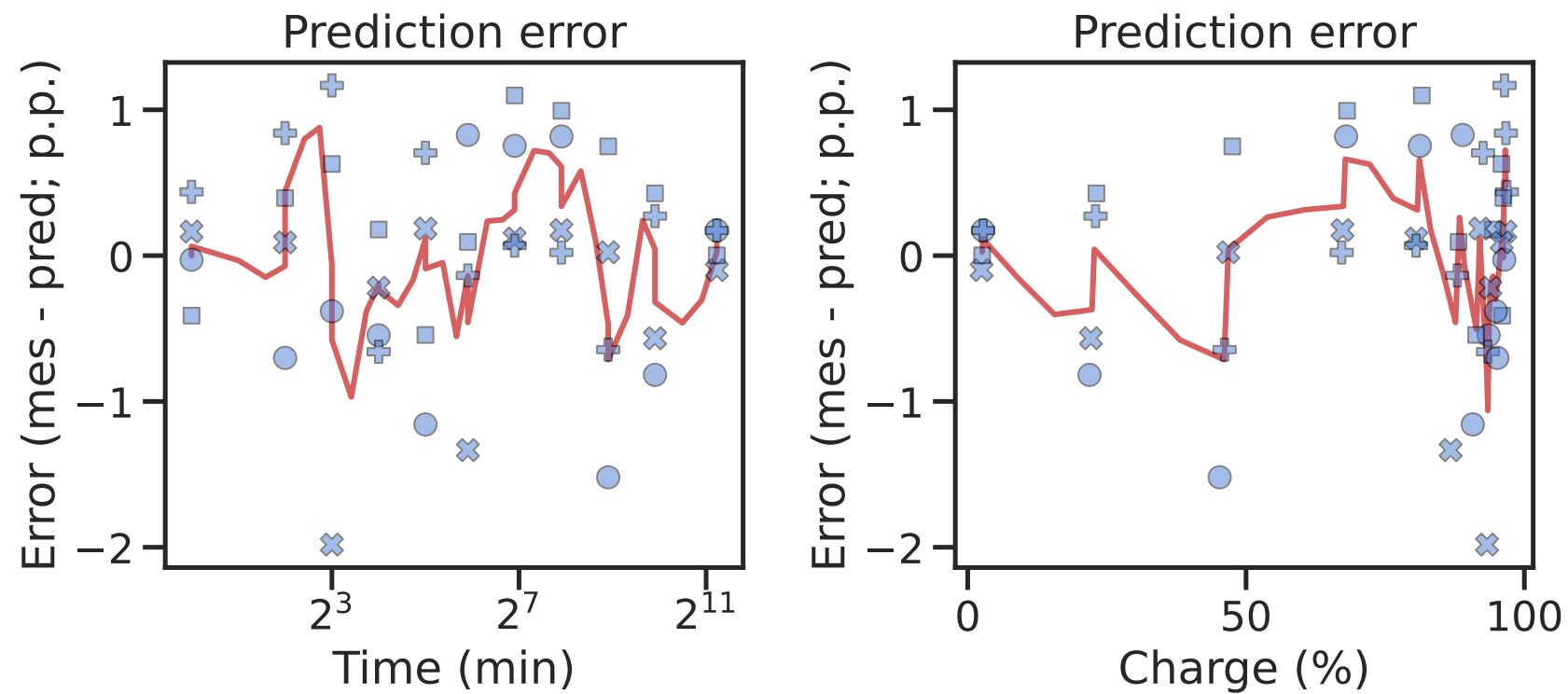
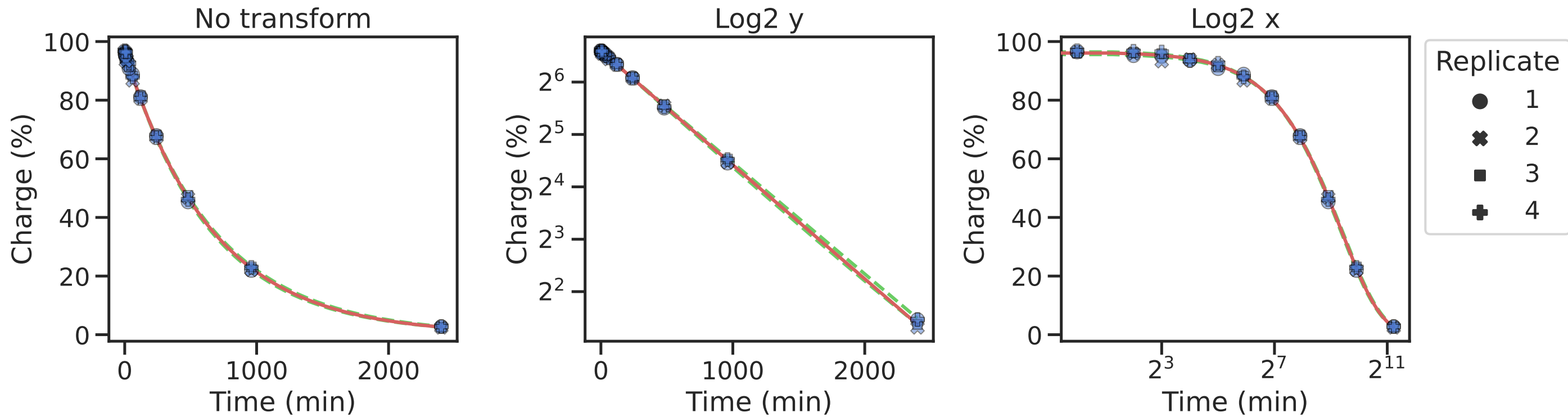
Lys-TTT-3-1 half-life=464 min, 95% CI (452; 479)



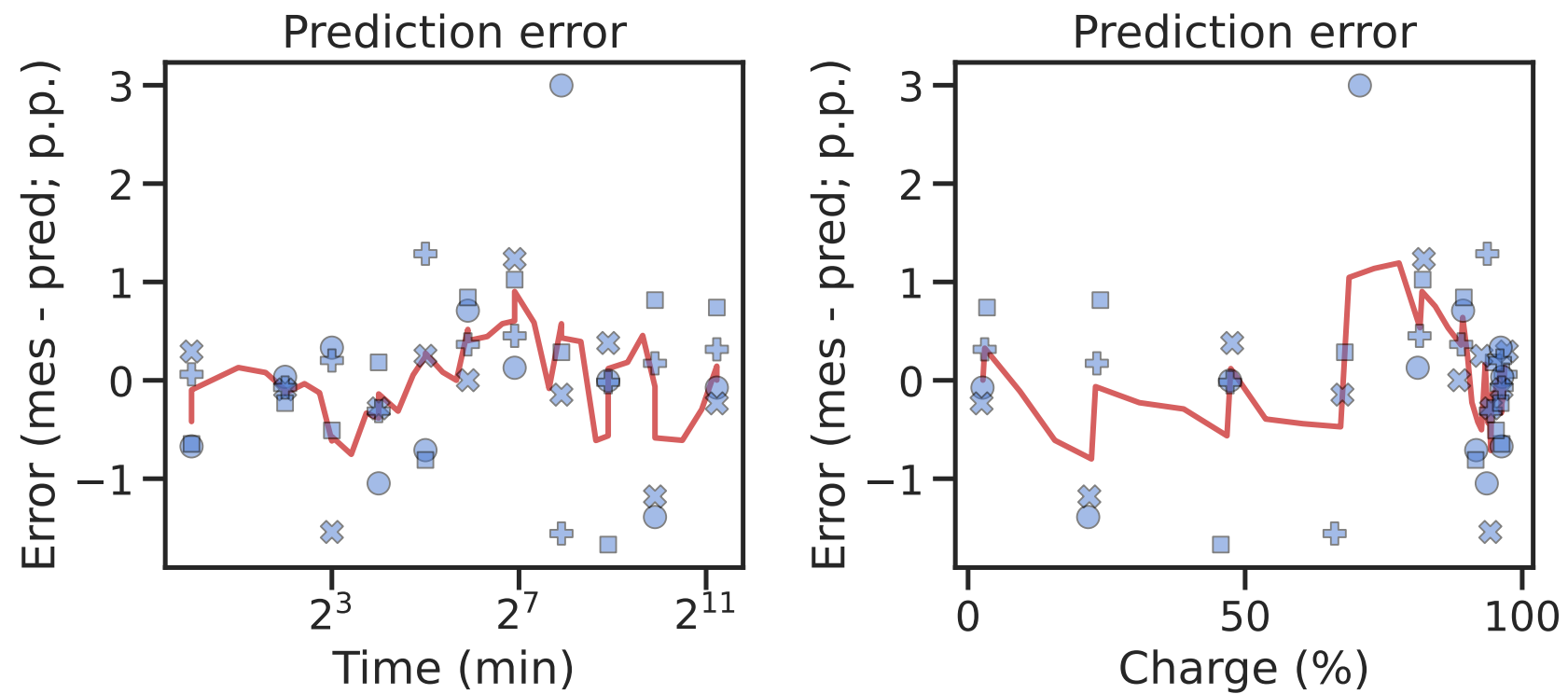
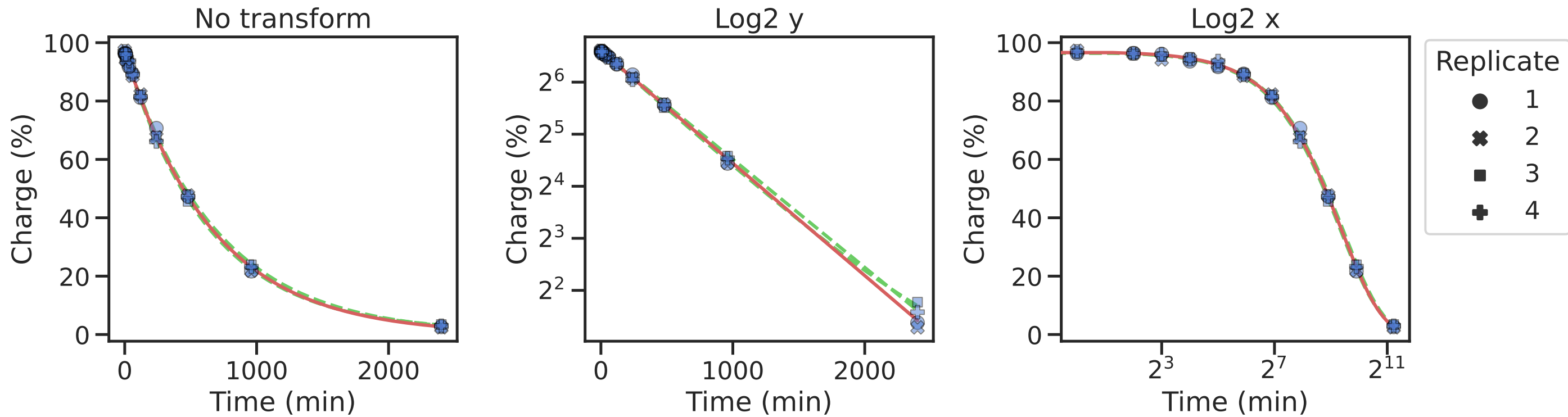
Lys-TTT-6-1 half-life=444 min, 95% CI (427; 460)



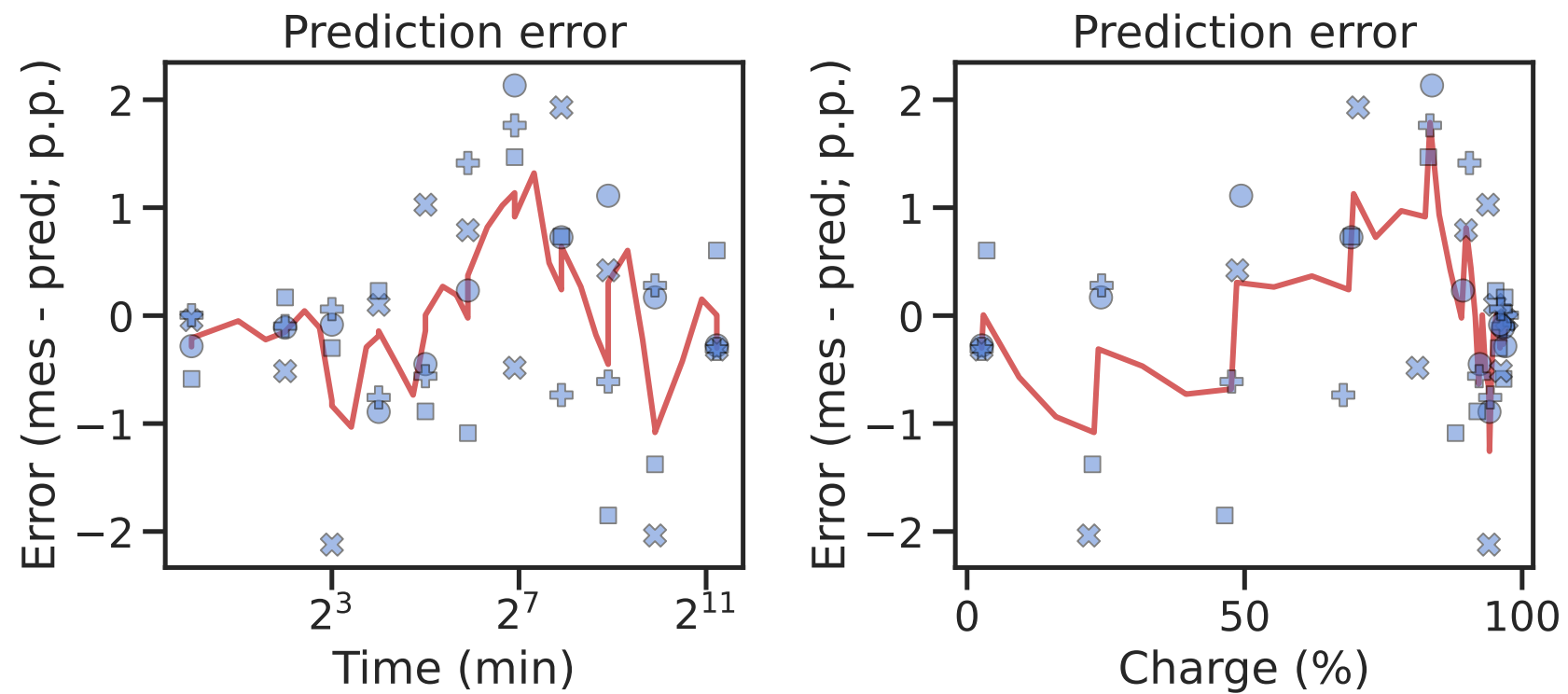
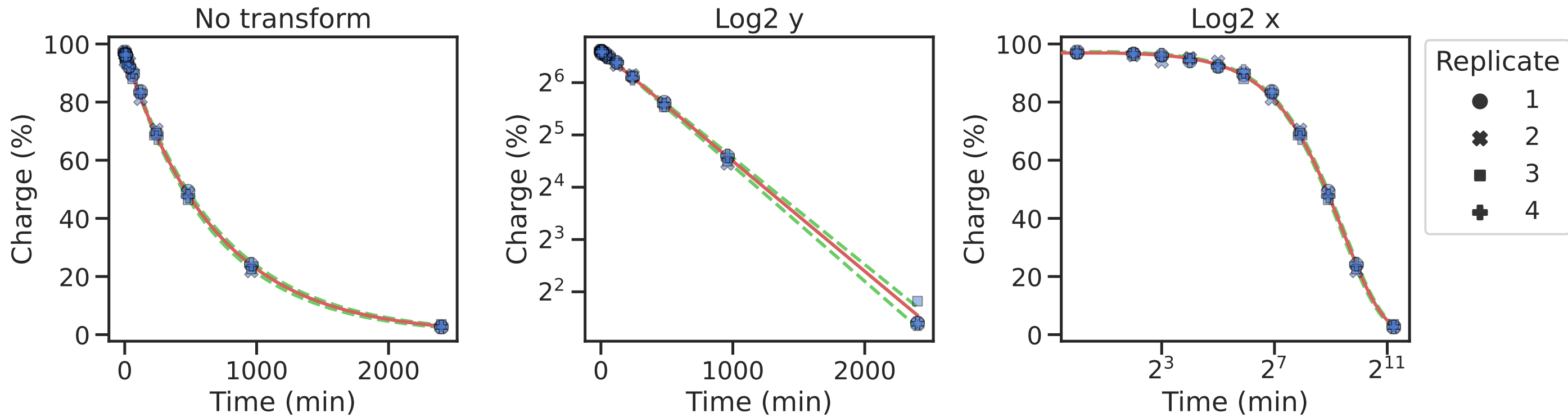
Met-CAT-1-1 half-life=460min, 95% CI (447; 471)



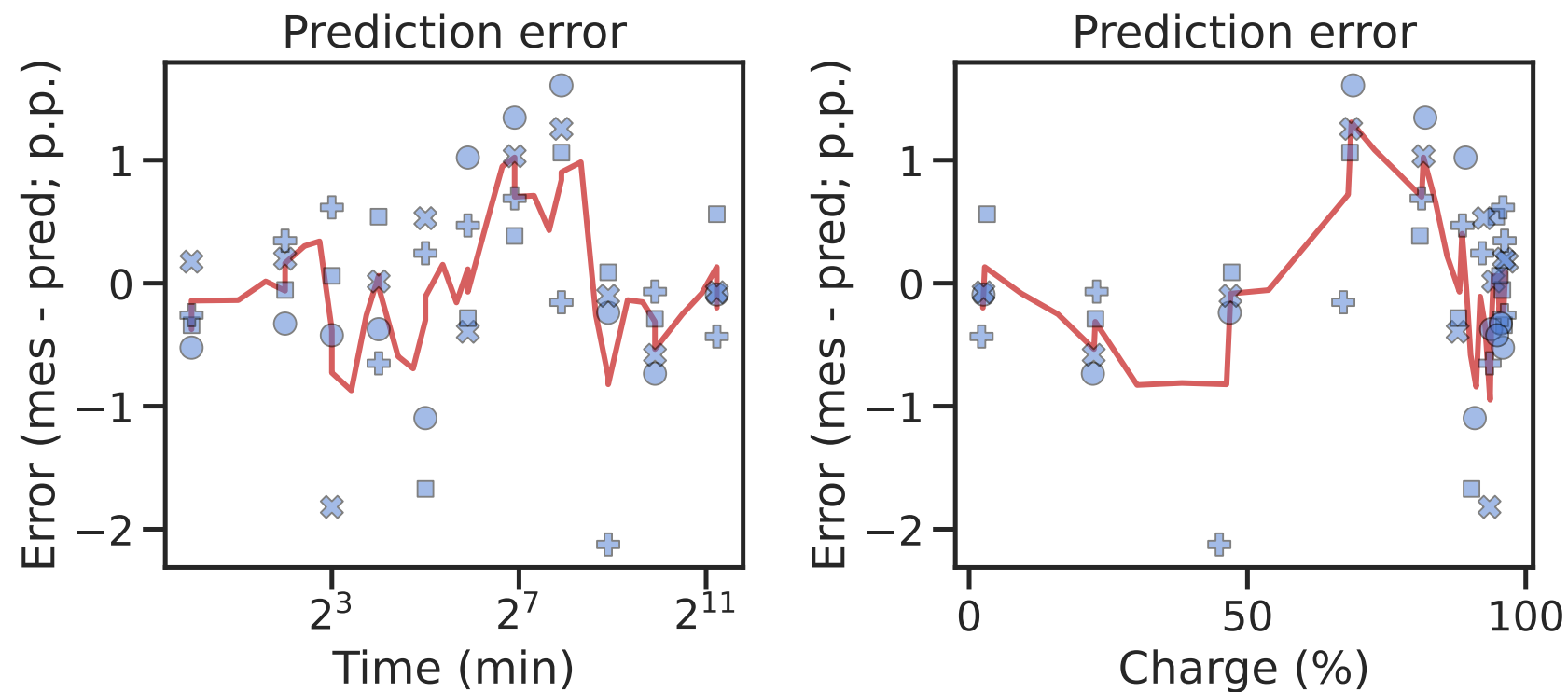
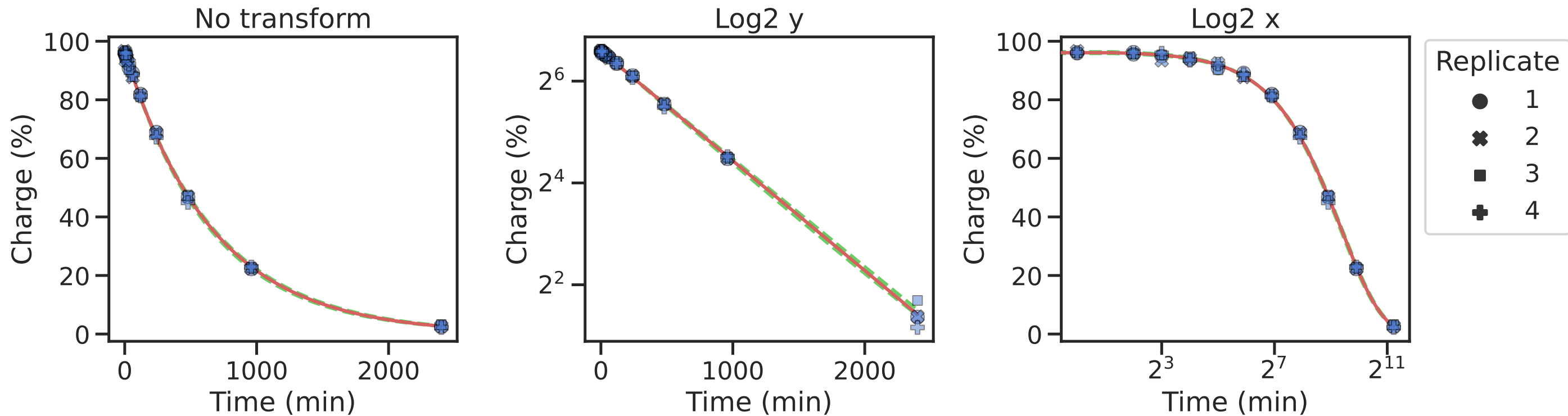
Met-CAT-3-1 half-life=463min, 95% CI (444; 481)



Met-CAT-4-1 half-life=475 min, 95% CI (454; 489)

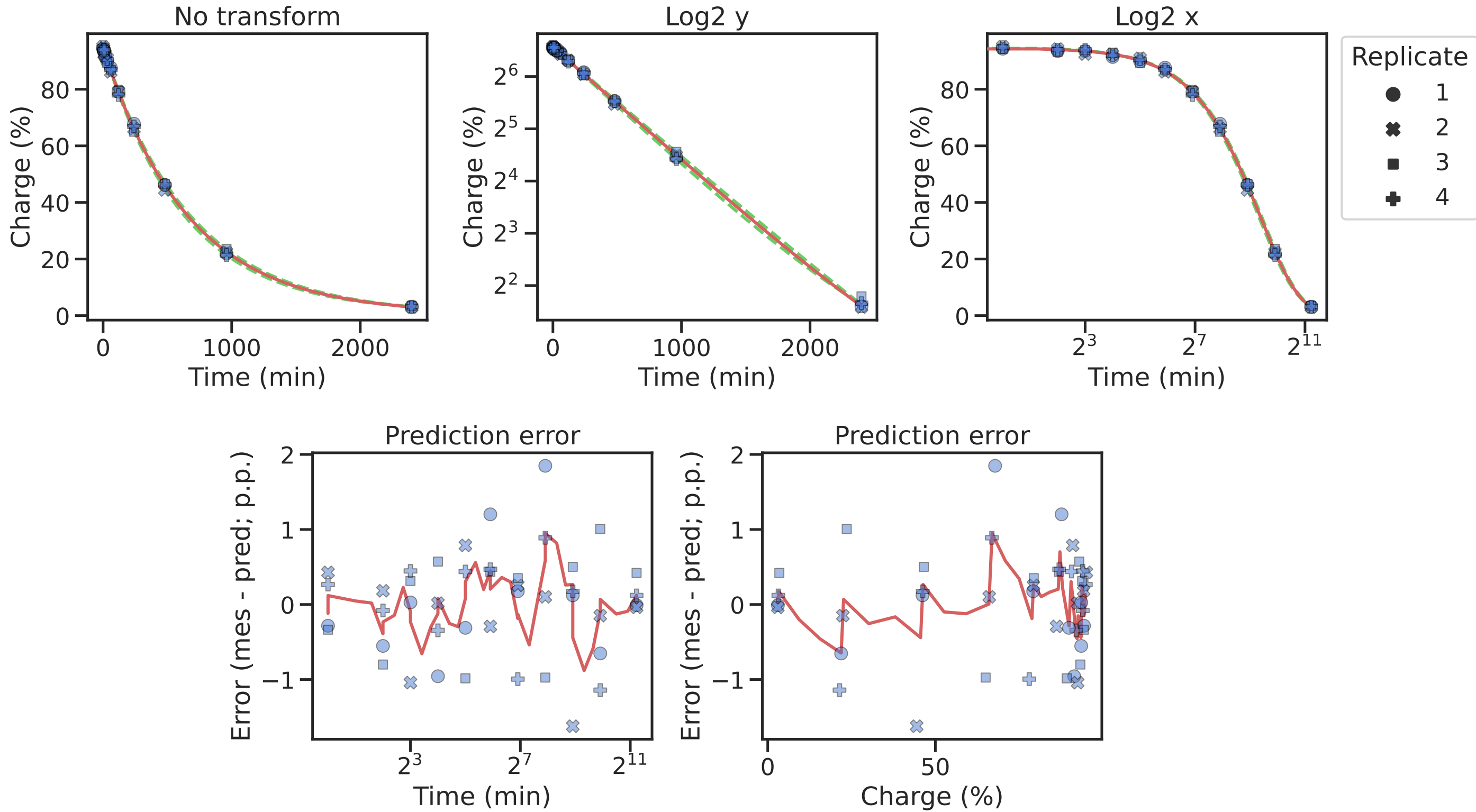


Met-CAT-6-1 half-life=464min, 95% CI (449; 473)

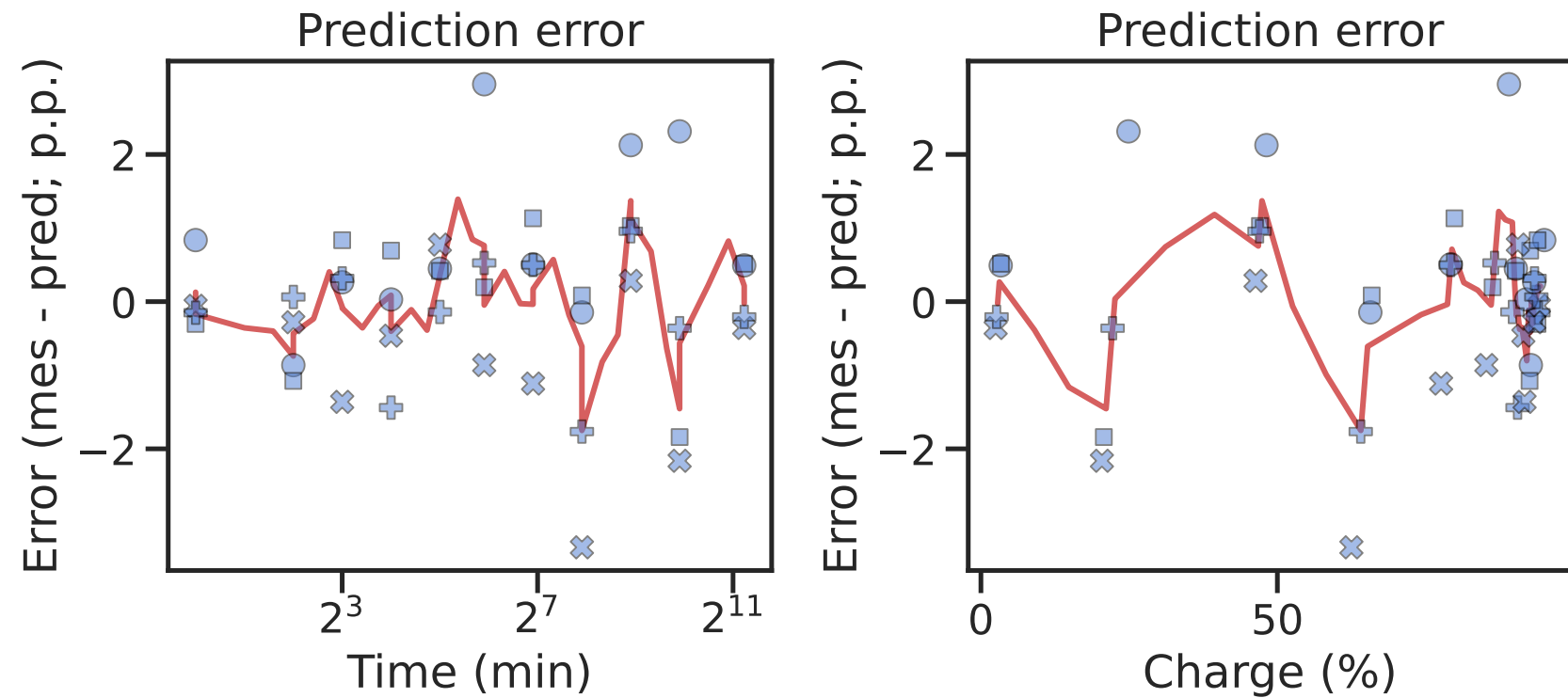
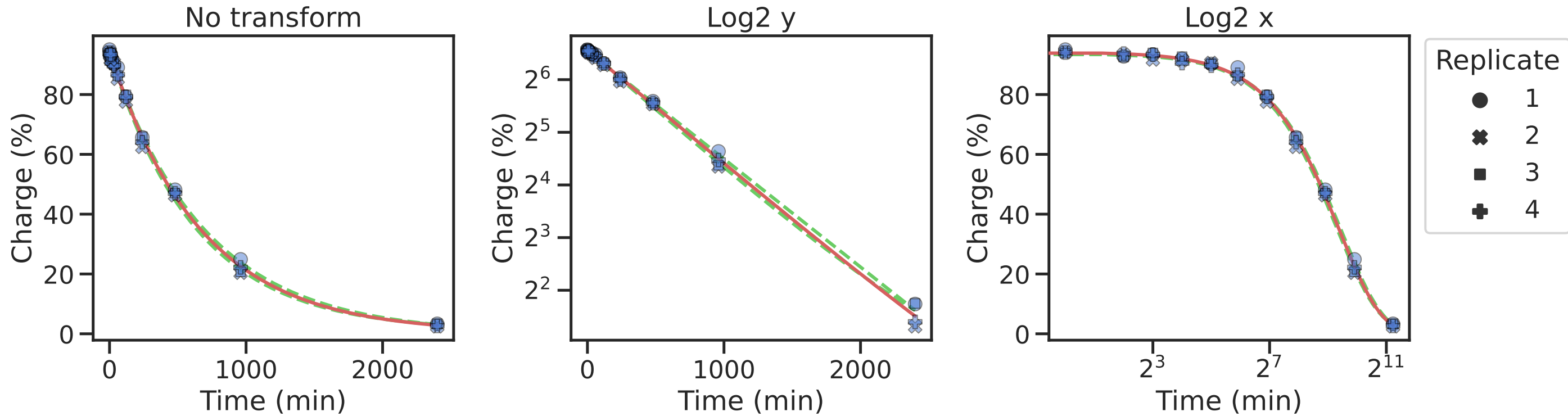




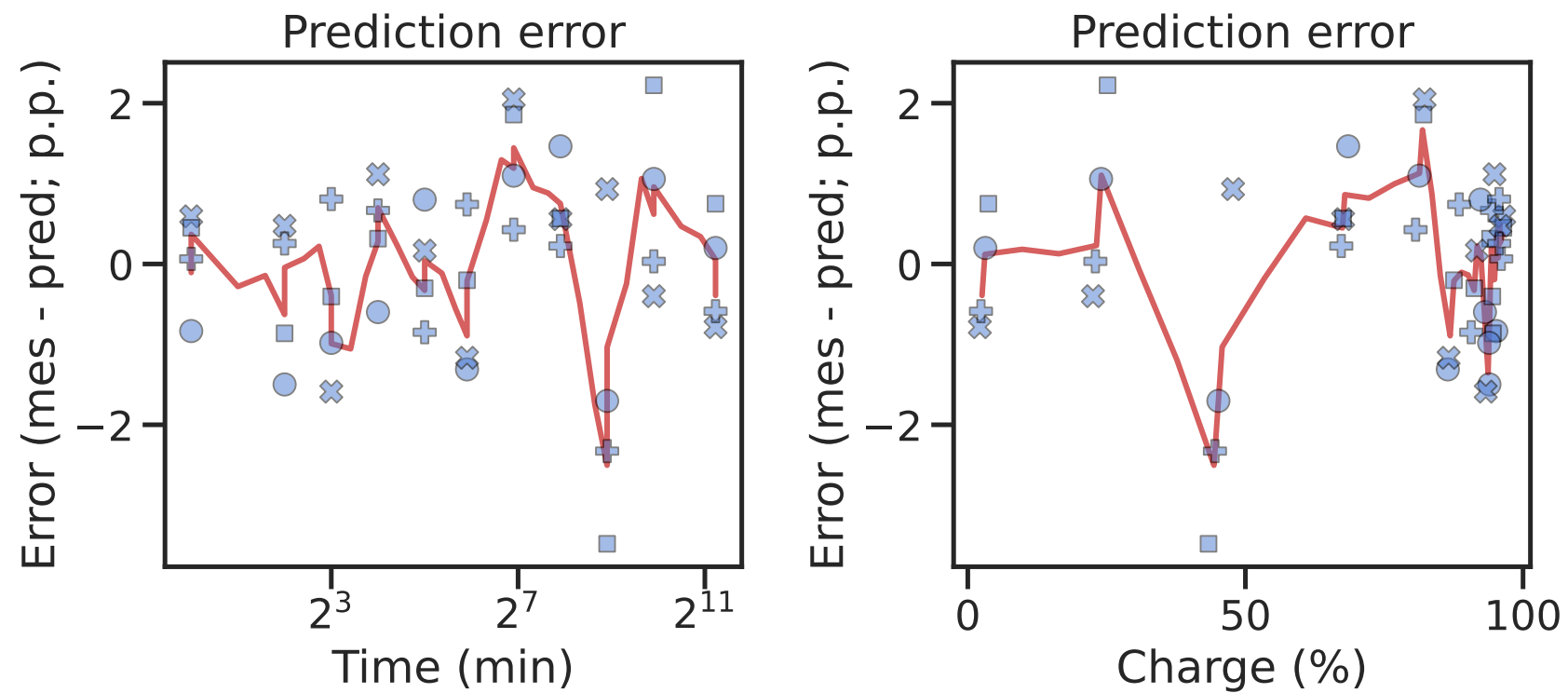
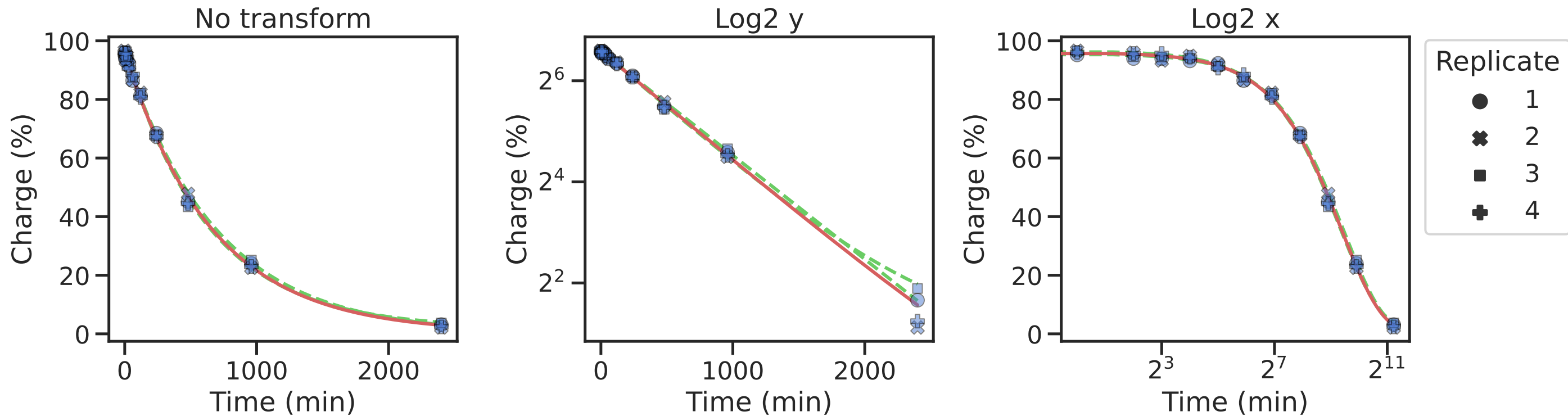
Phe-GAA-1-3 half-life=458 min, 95% CI (436; 474)



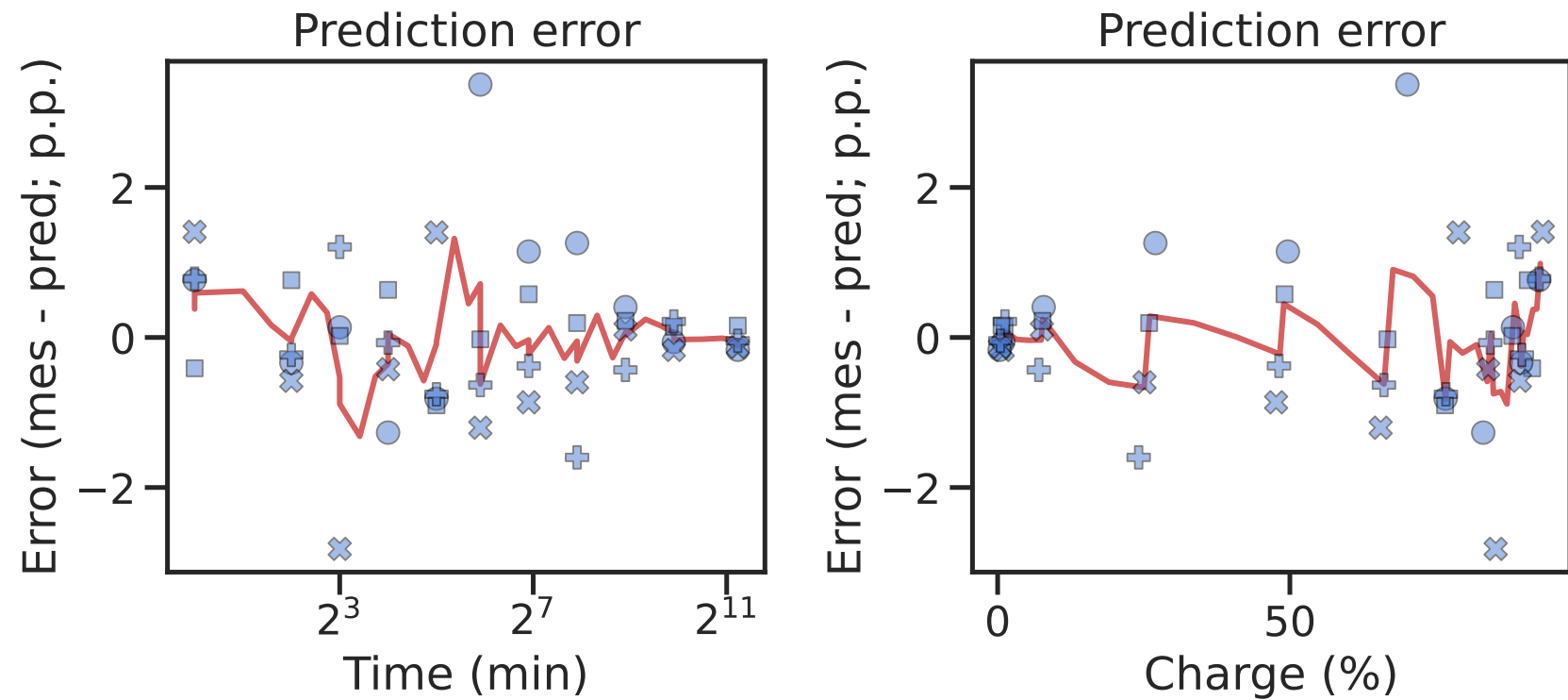
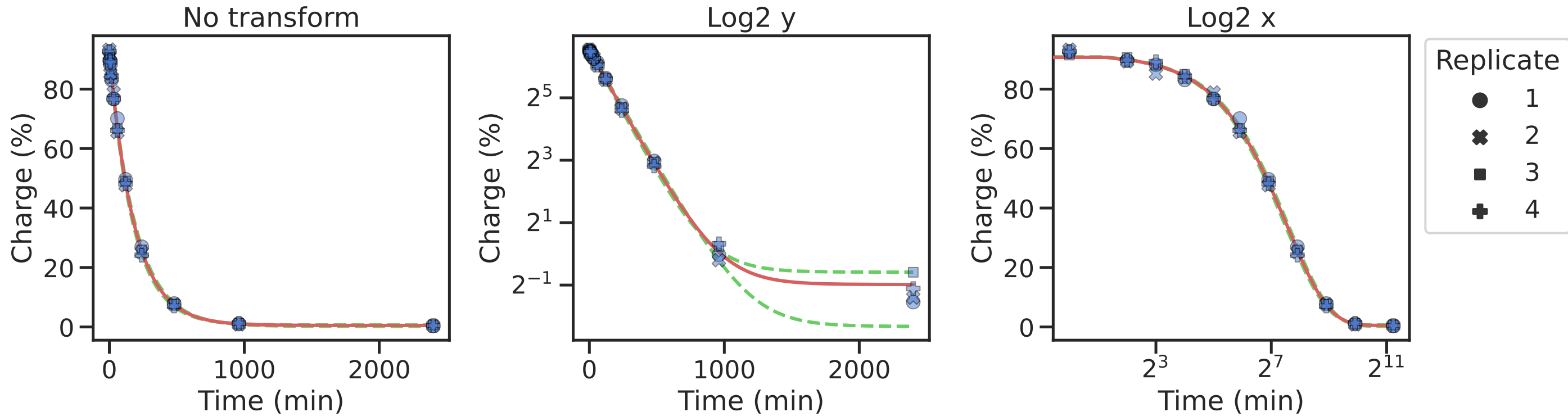
Phe-GAA-2-1 half-life=463 min, 95% CI (440; 487)



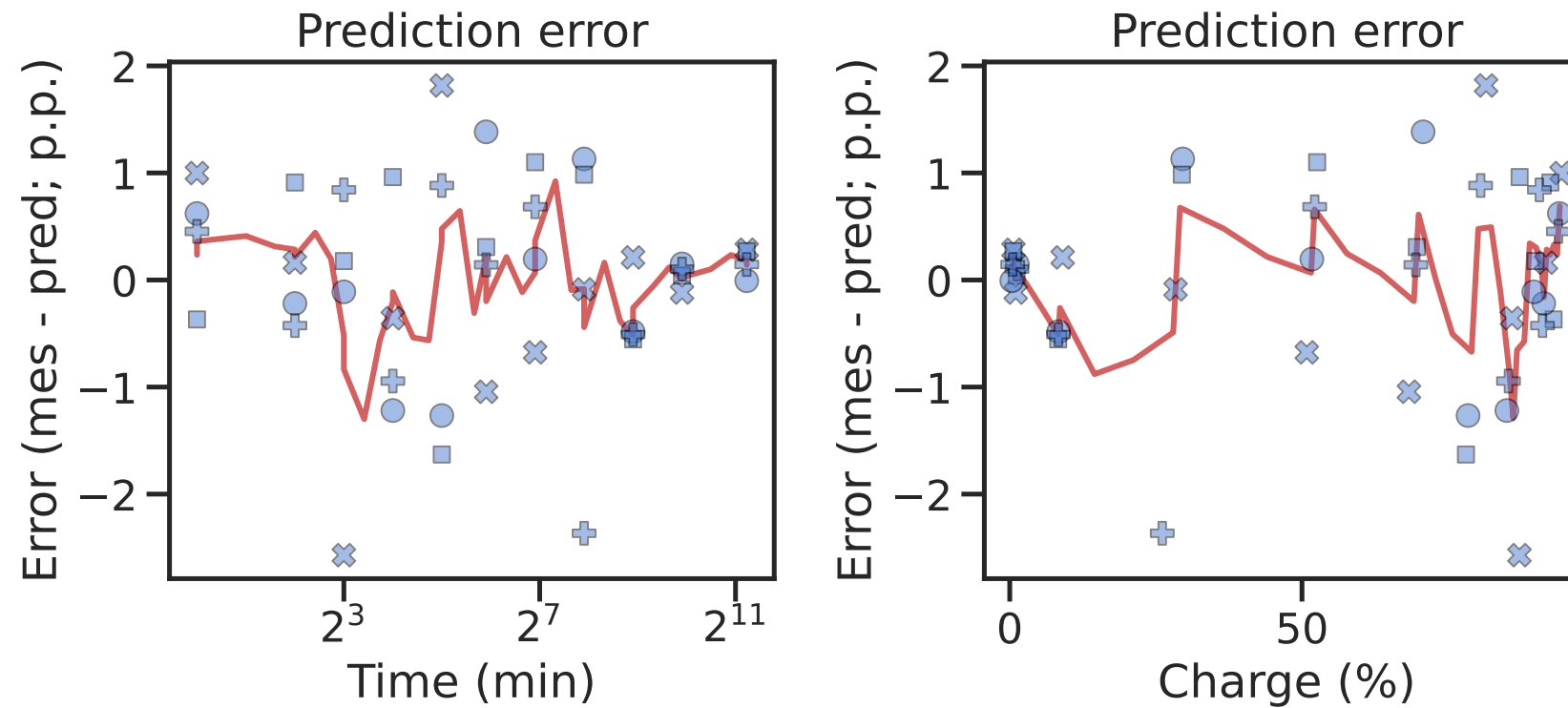
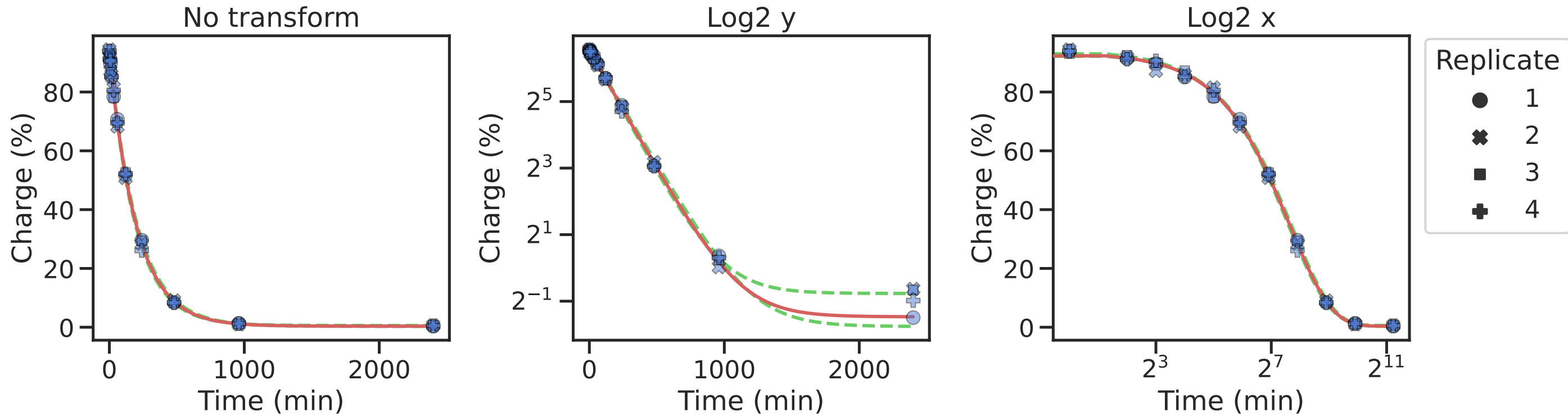
Phe-GAA-3-1 half-life=461 min, 95% CI (439; 487)



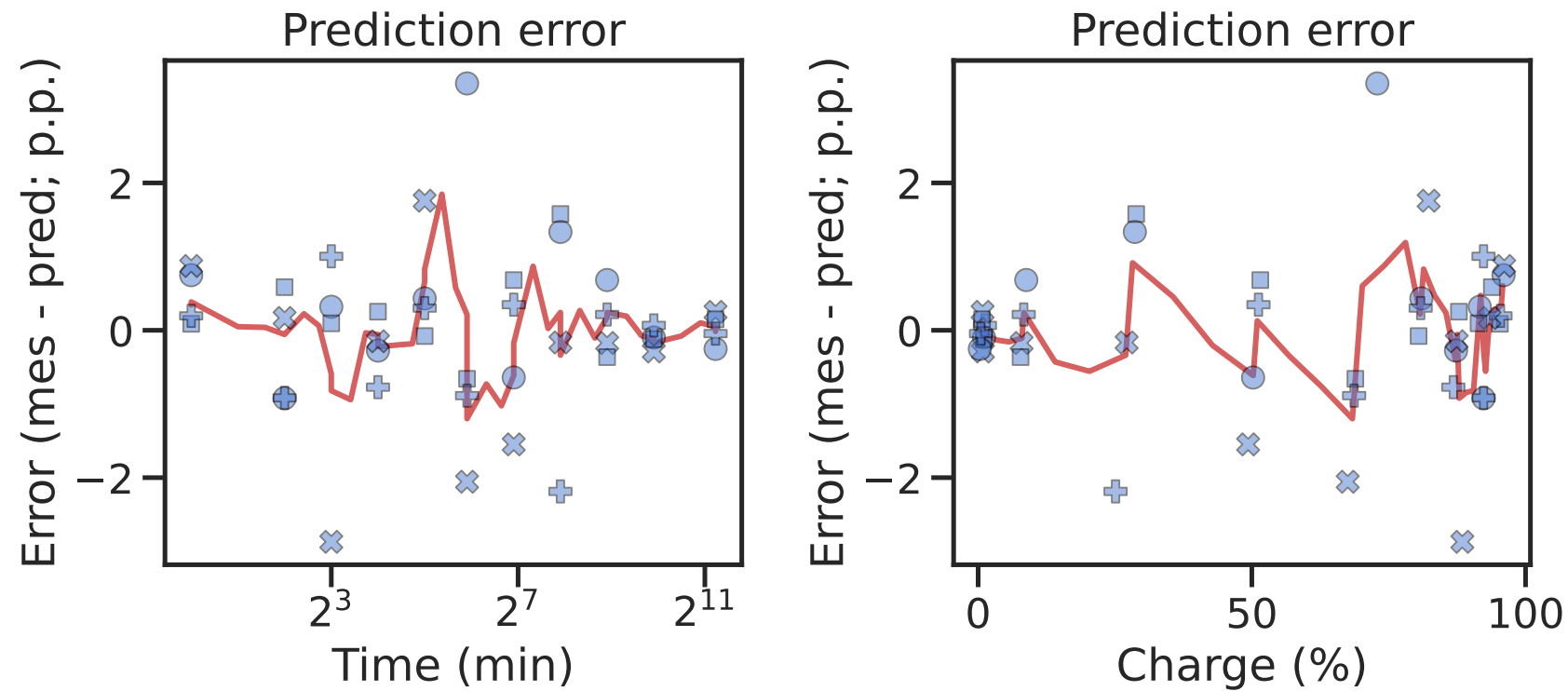
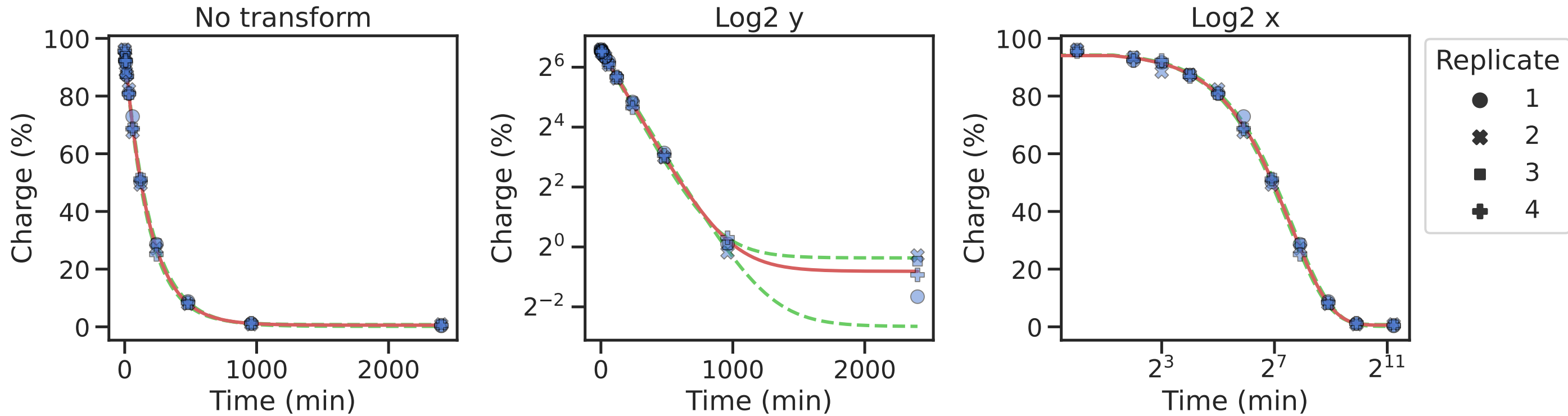
Pro-AGG-1-1 half-life=129 min, 95% CI (123; 135)

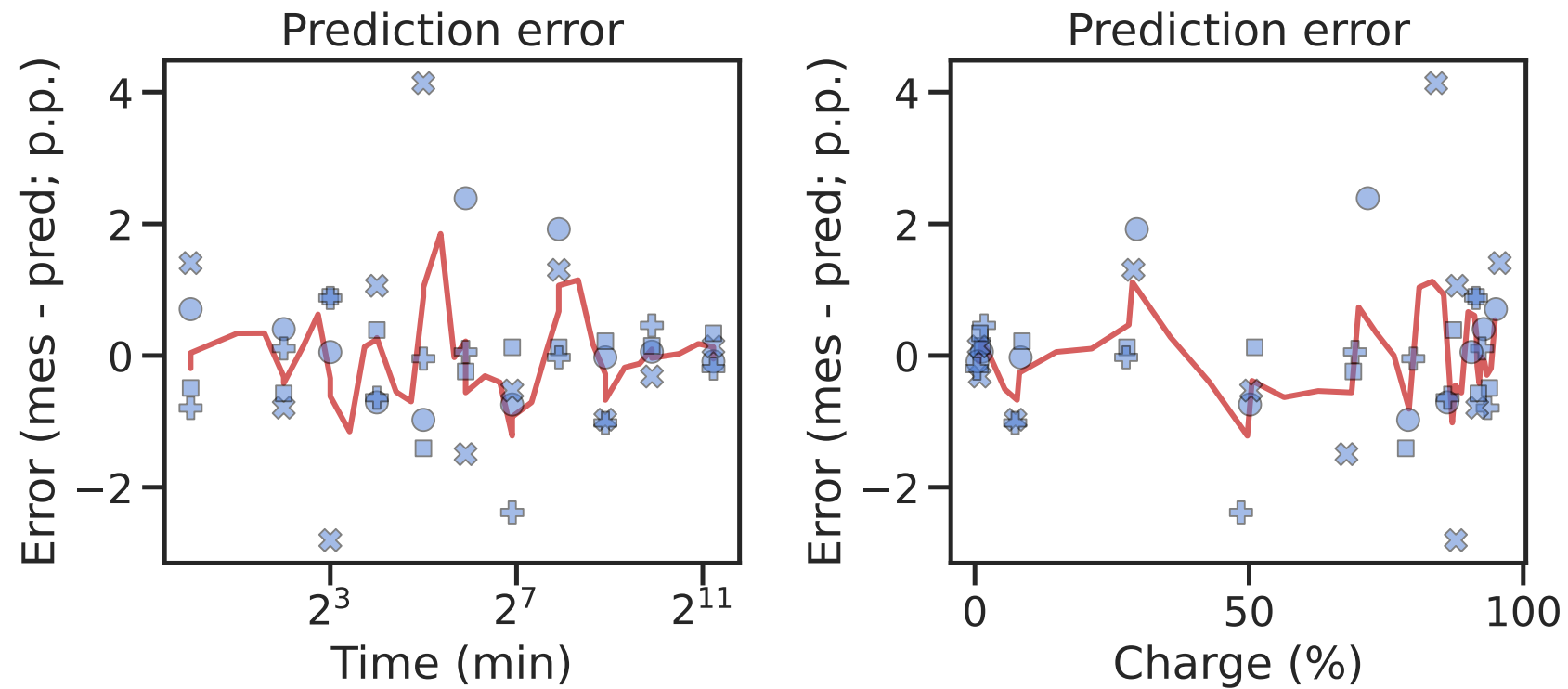
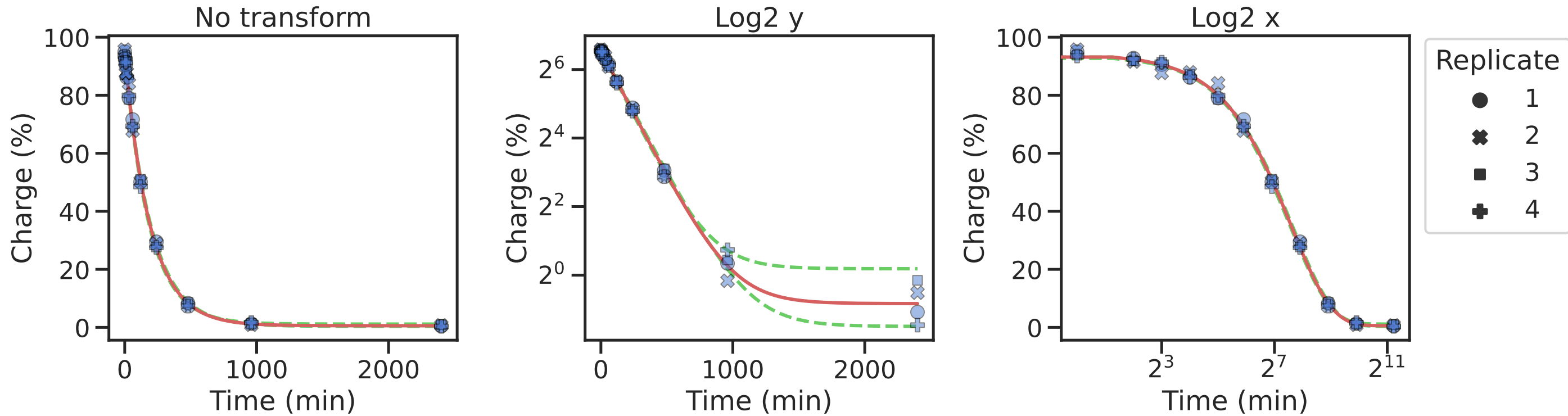


Pro-AGG-2-1 half-life=139 min, 95% CI (133; 144)

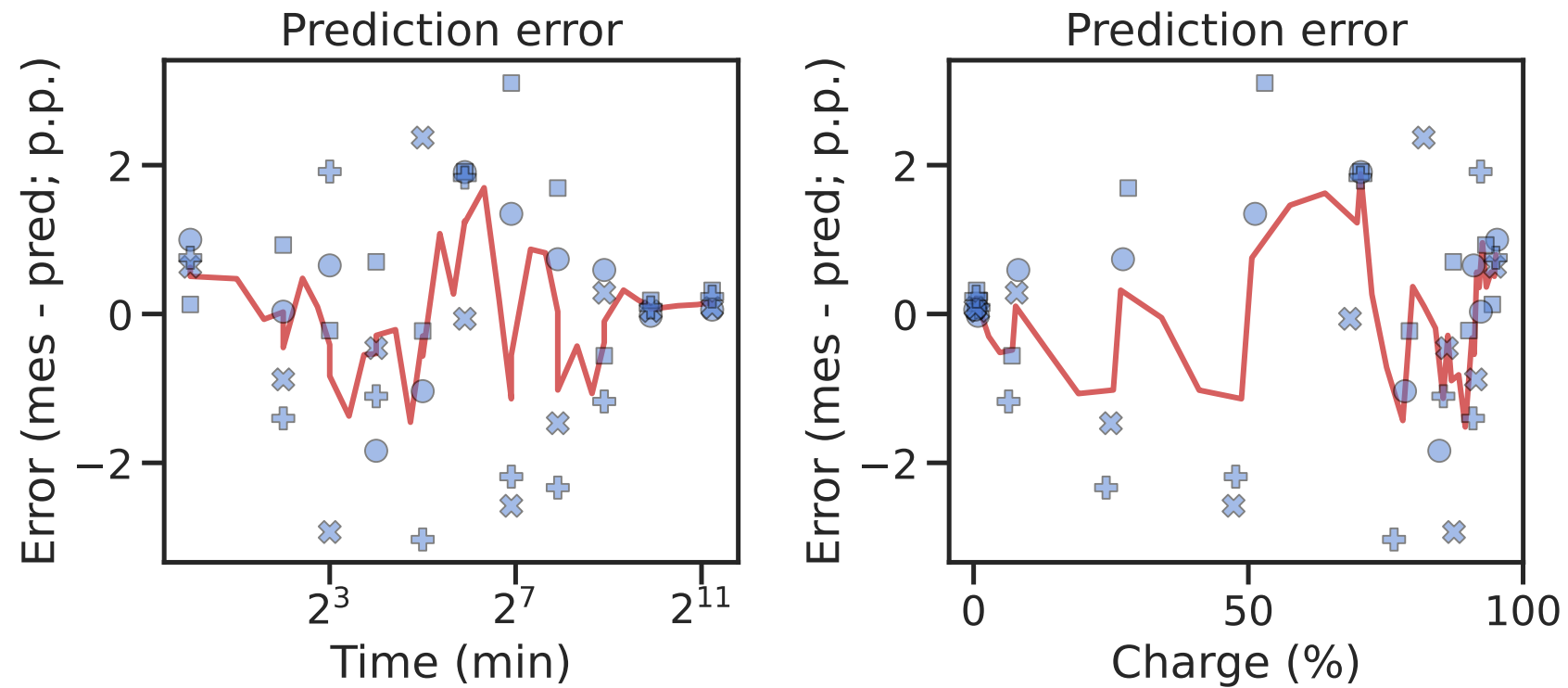
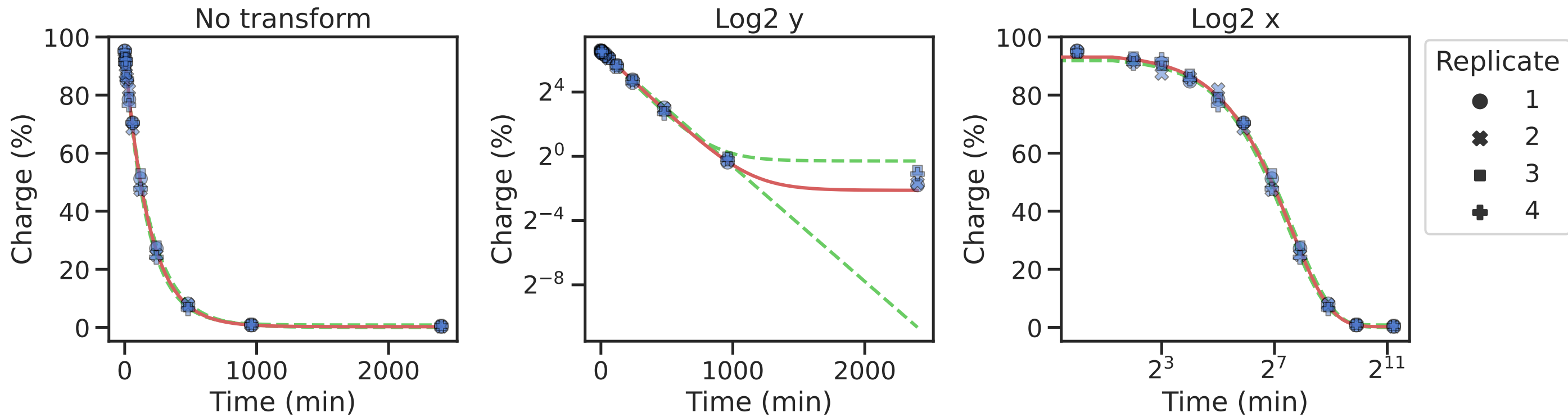


Pro-CGG-1-1 half-life=132 min, 95% CI (125; 138)



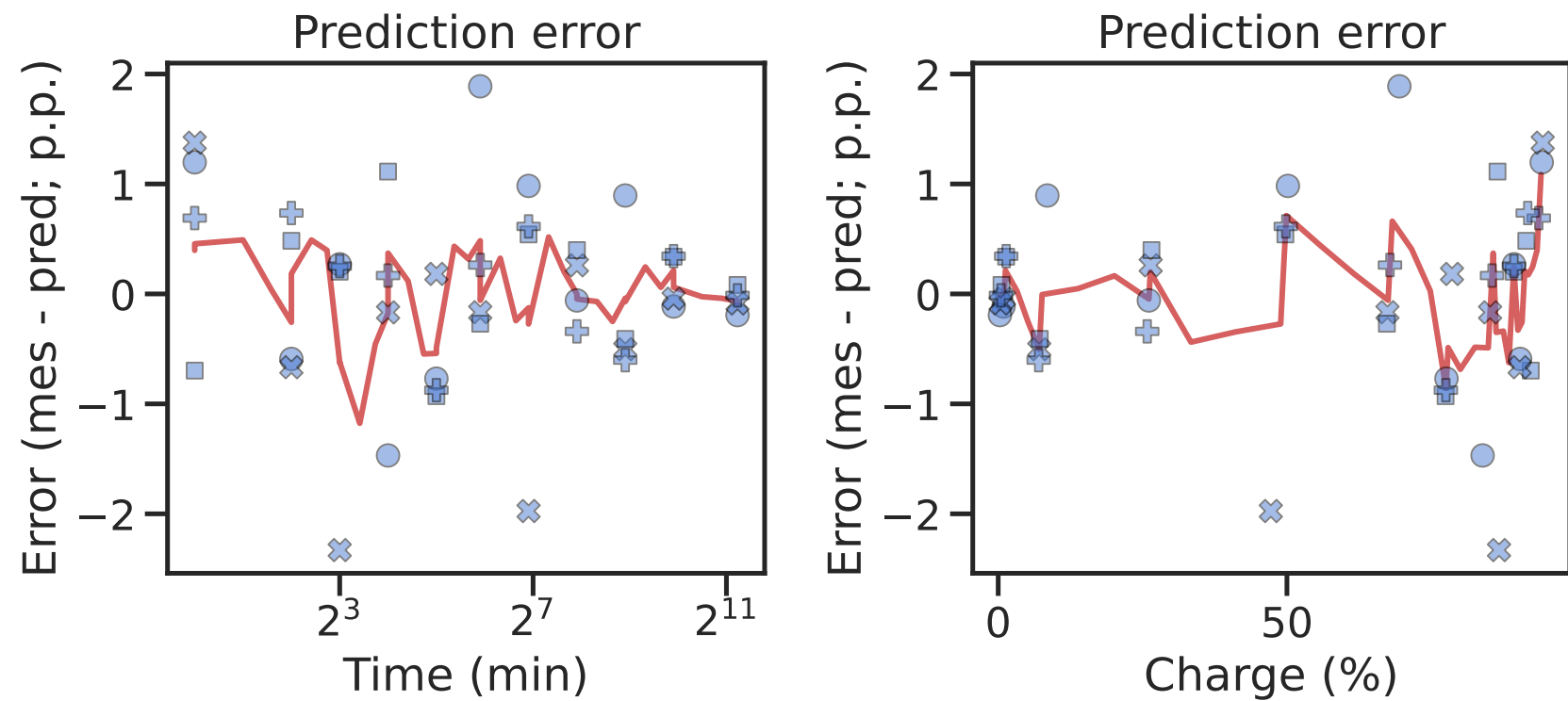
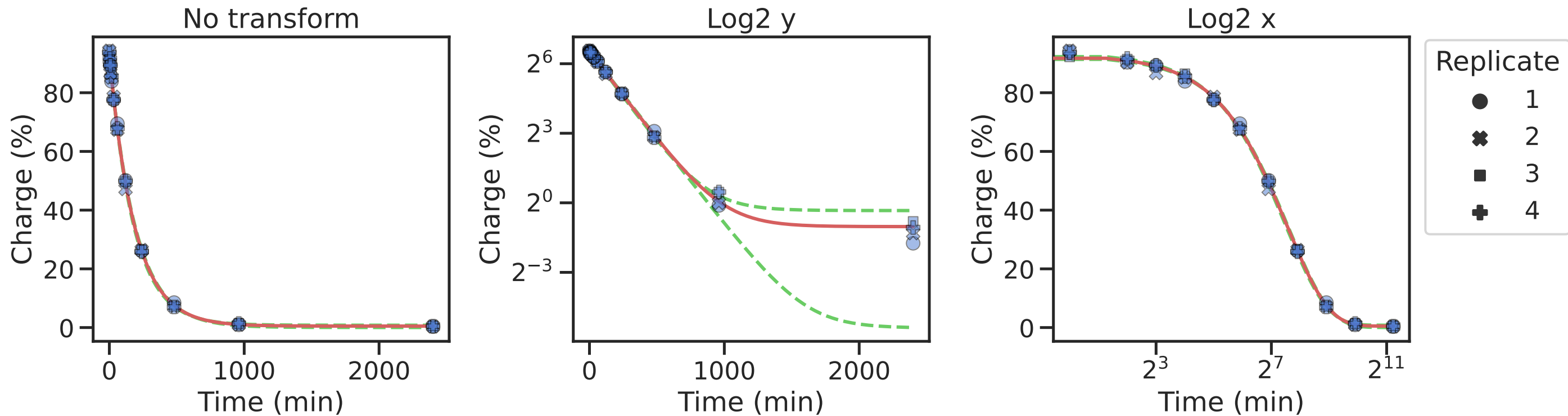


Pro-TGG-1-1 half-life=130min, 95% CI (121; 140)

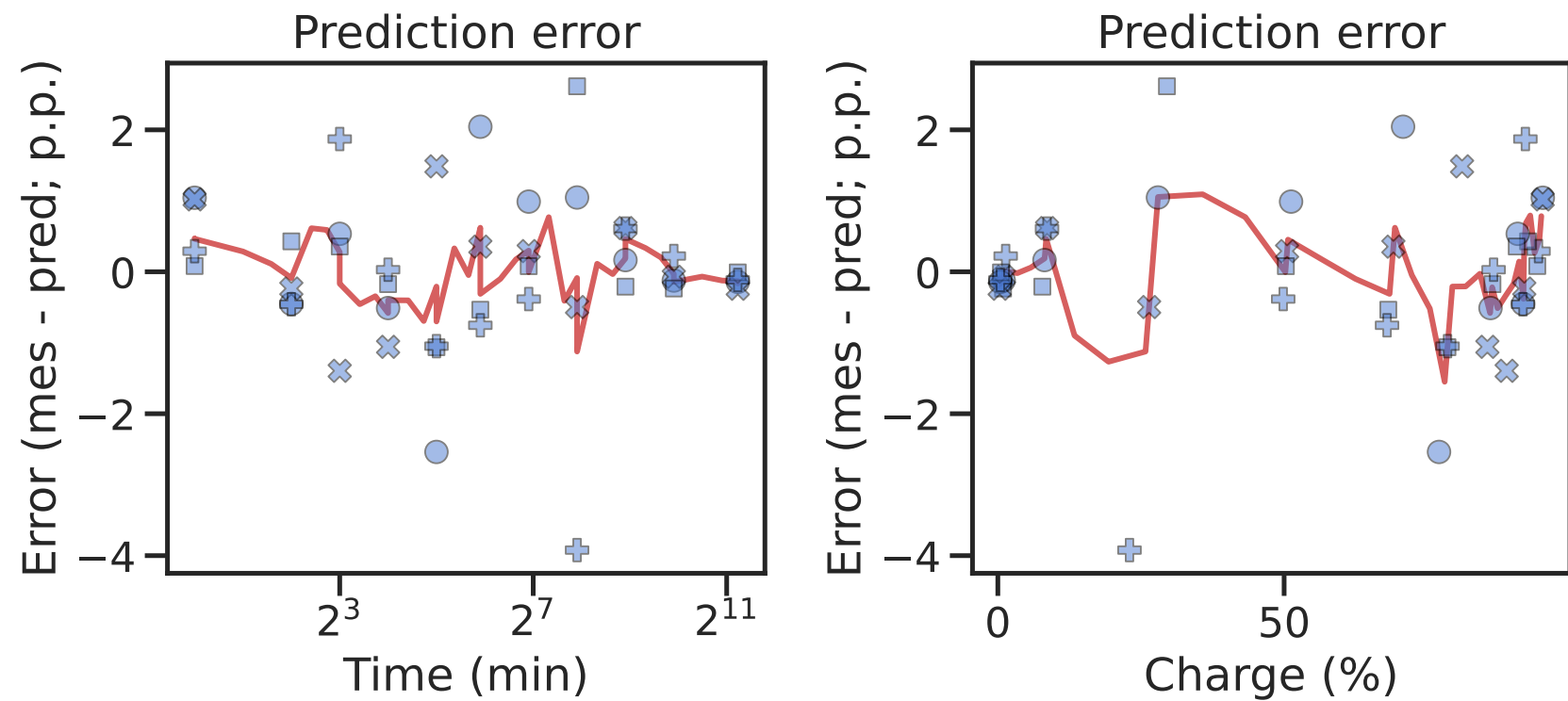
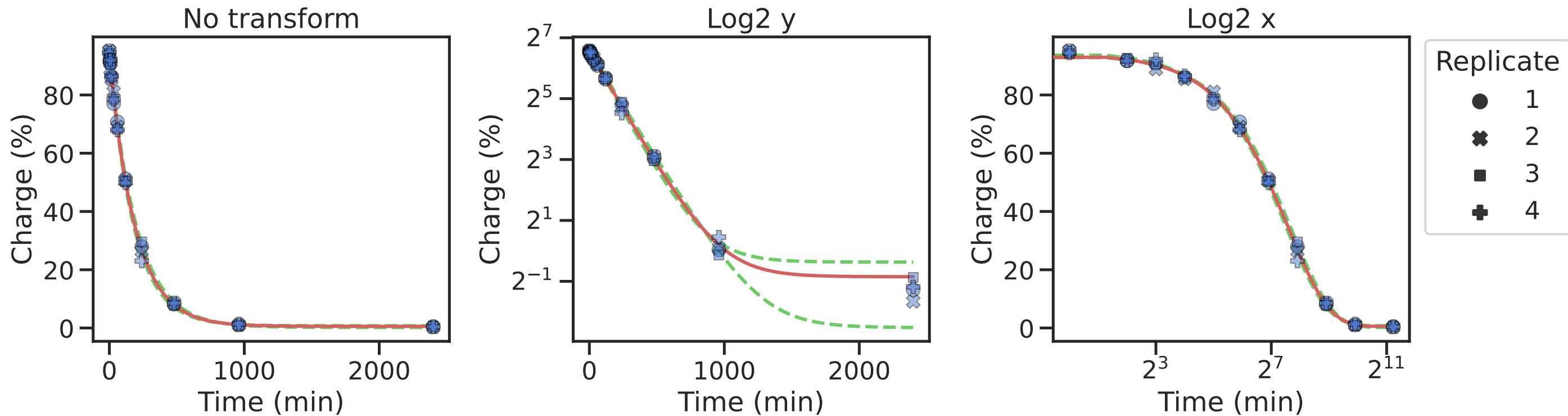




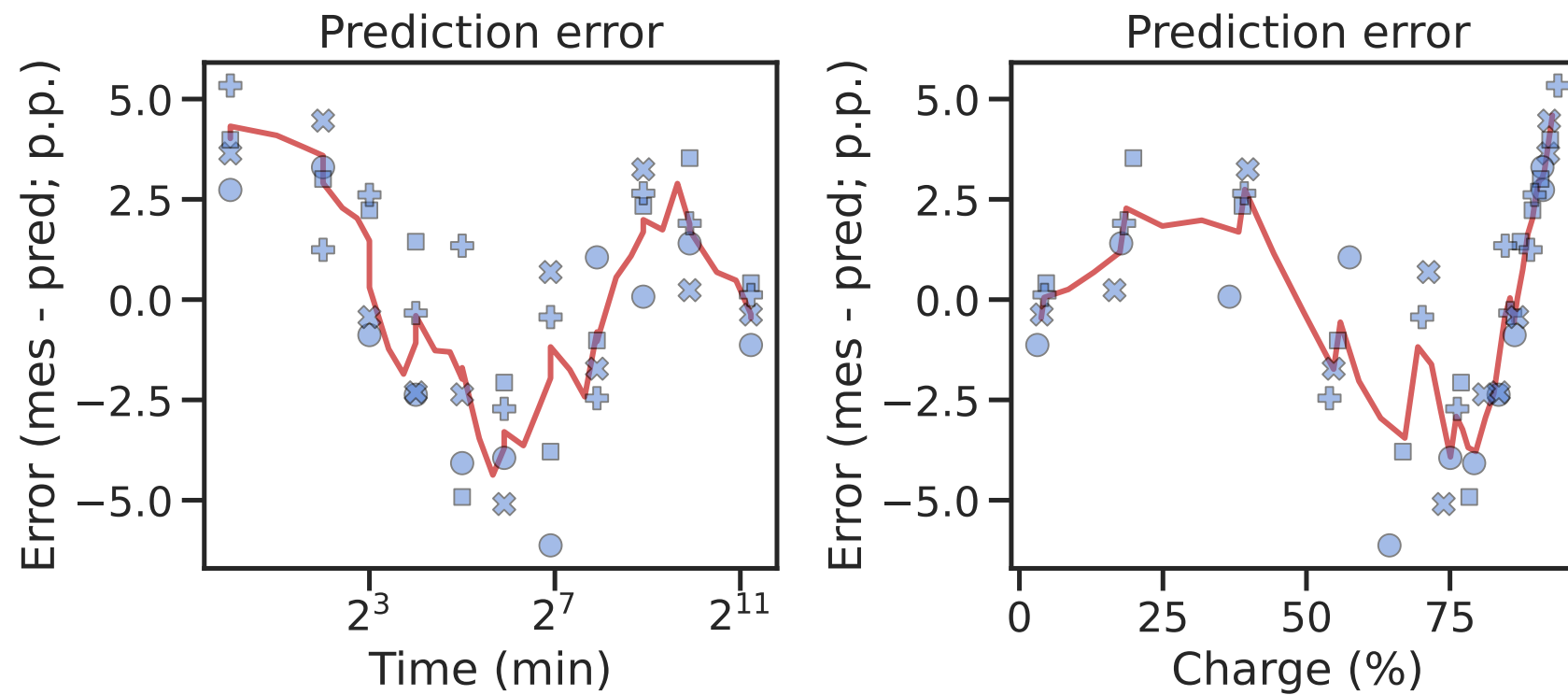
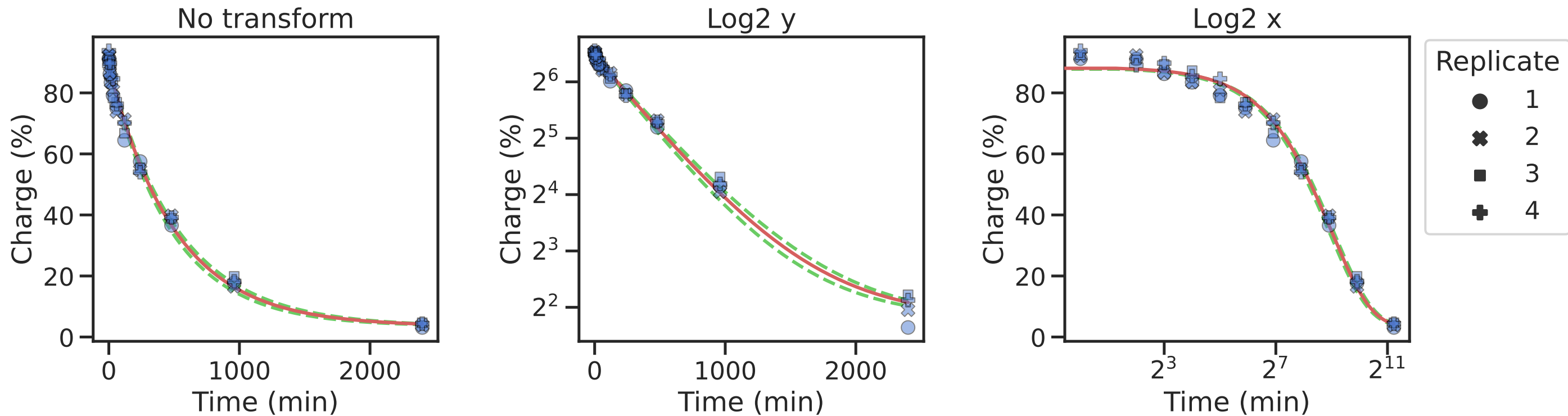
Pro-TGG-2-1 half-life=130min, 95% CI (125; 134)



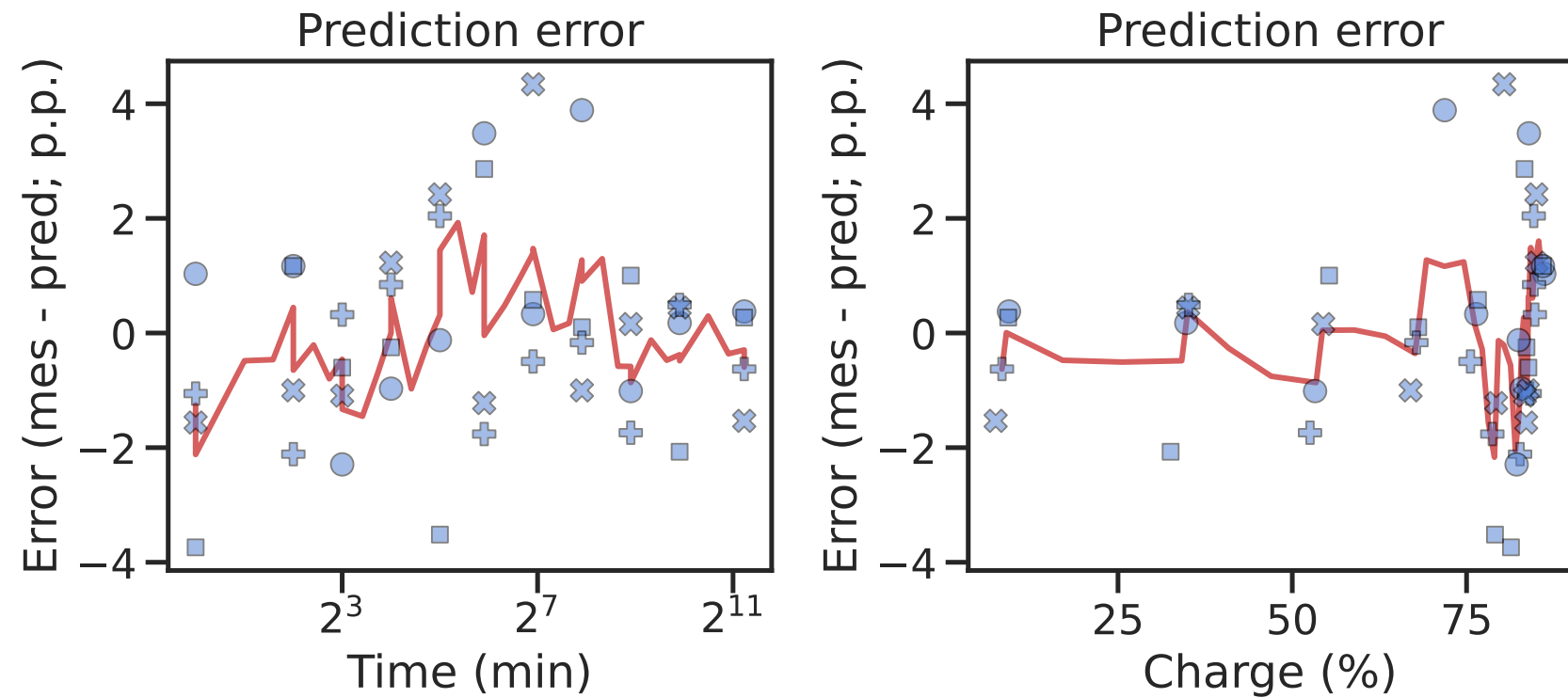
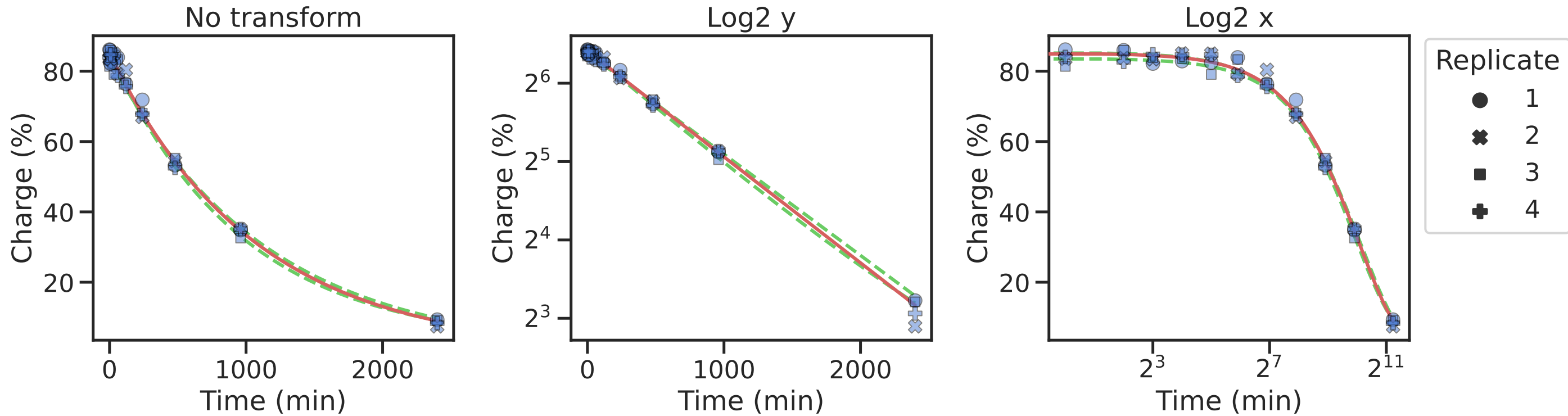
Pro-TGG-3-2 half-life=131min, 95% CI (124; 141)



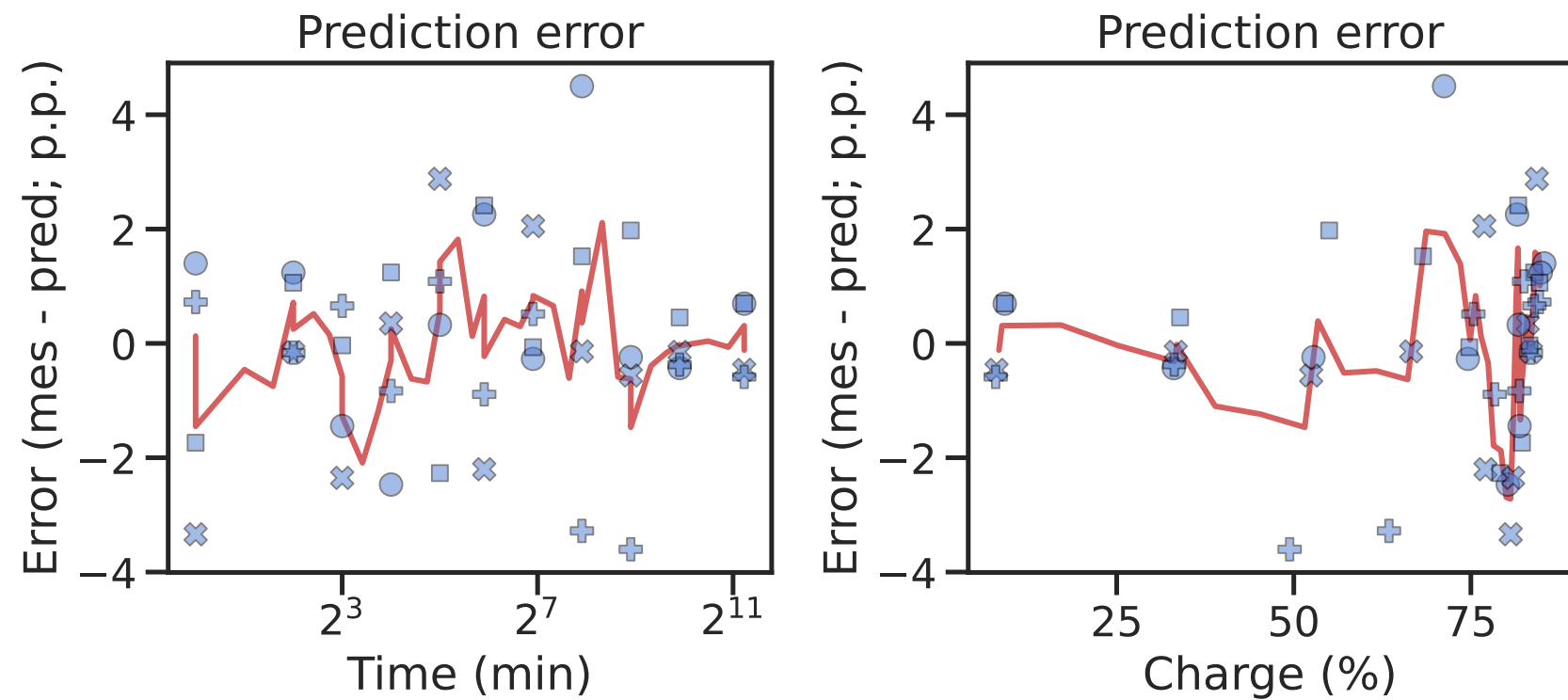
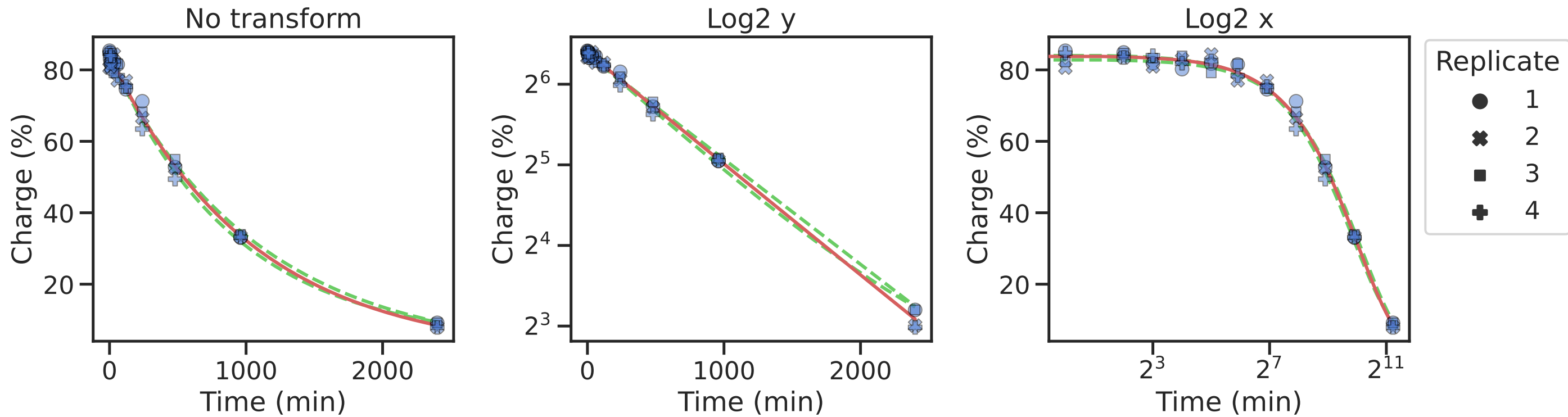
SeC-TCA-1-1 half-life=352 min, 95% CI (332; 371)



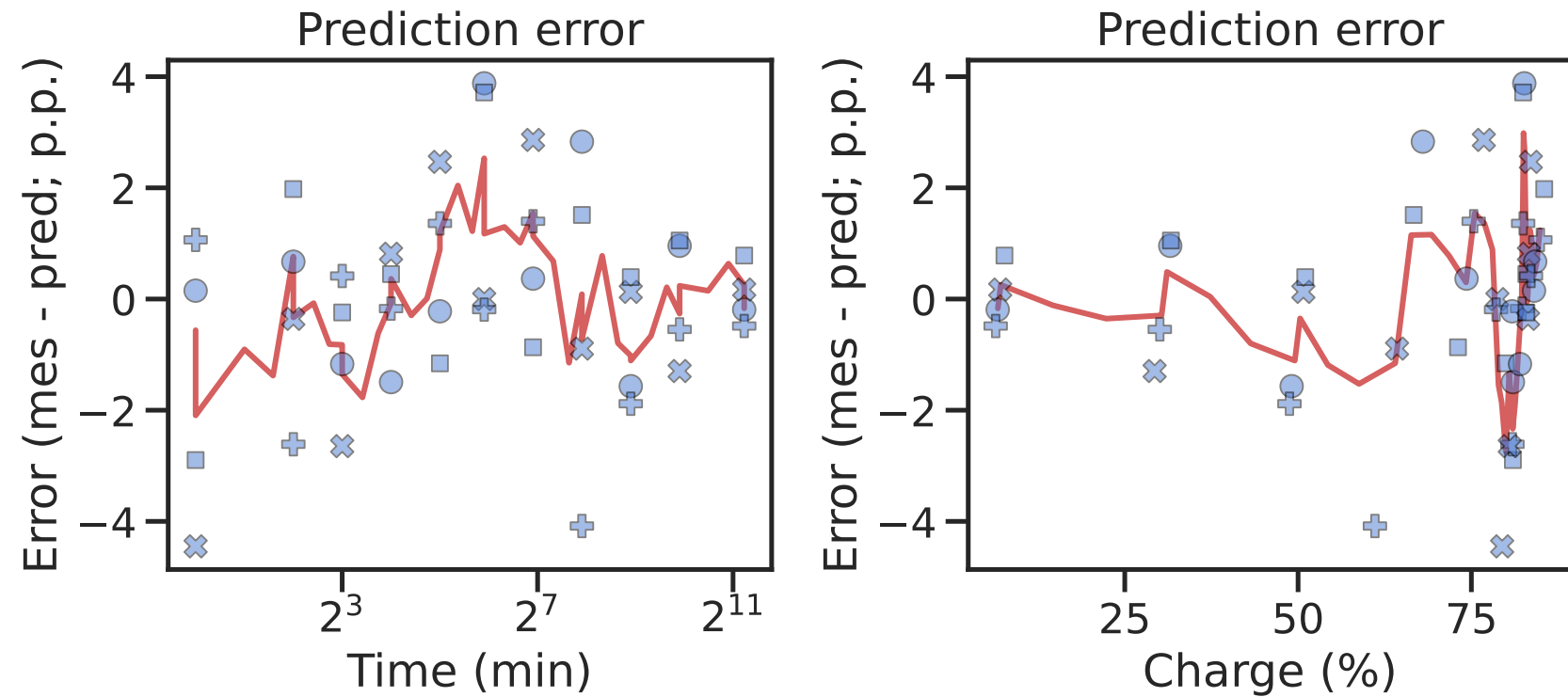
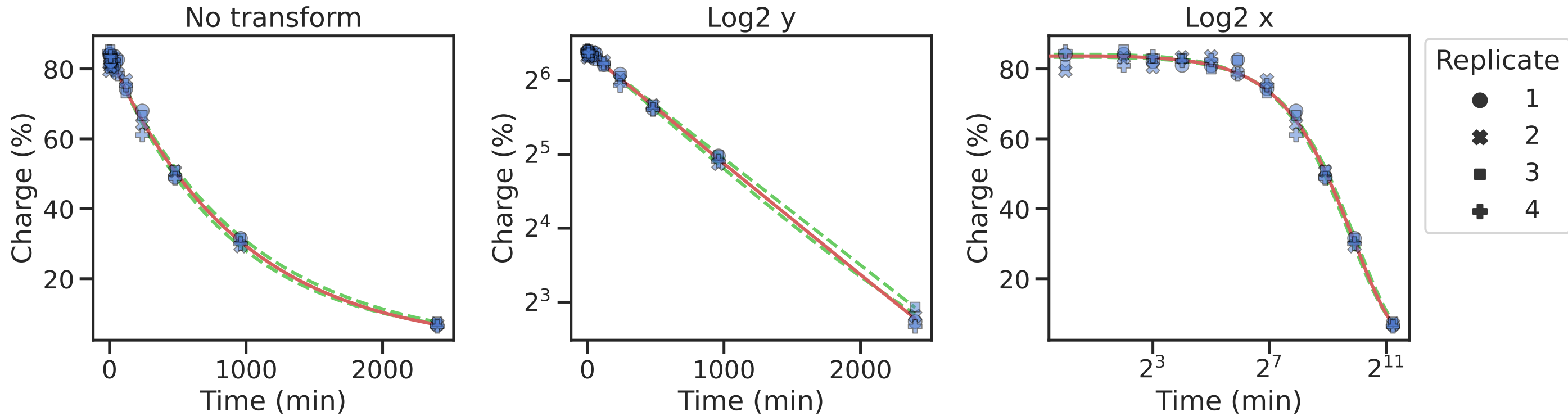
Ser-AGA-1-1 half-life=740min, 95% CI (671; 774)



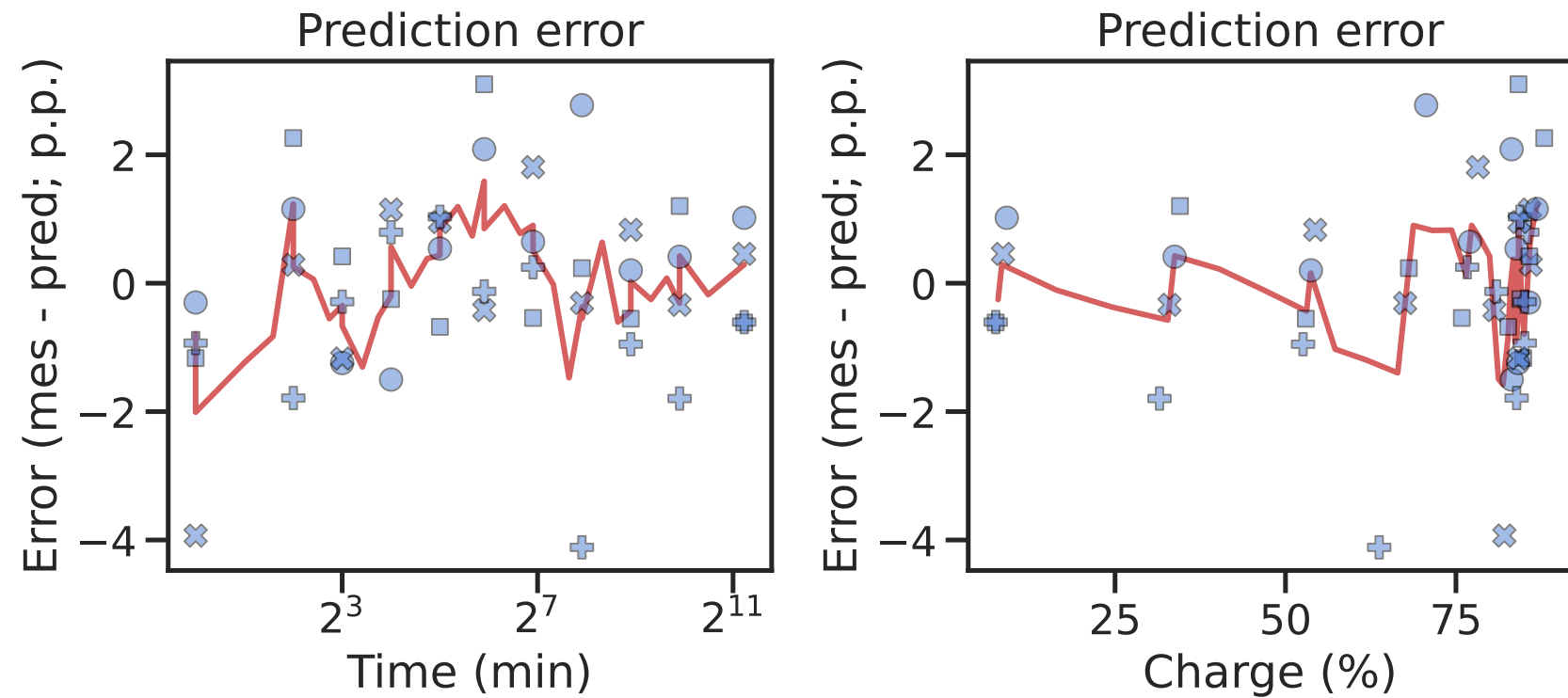
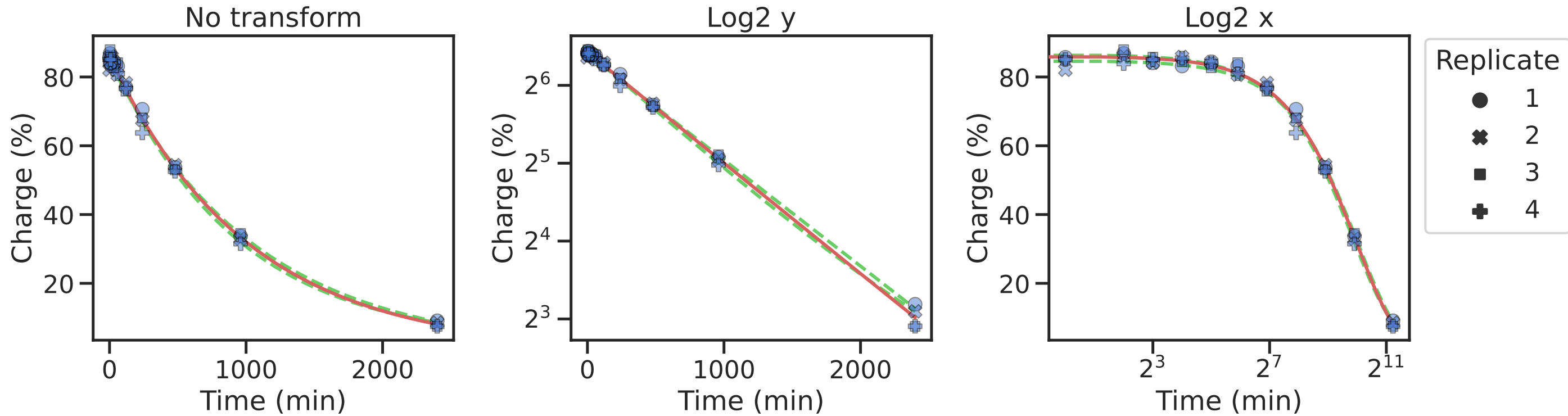
Ser-AGA-2-6 half-life=723min, 95% CI (637; 767)



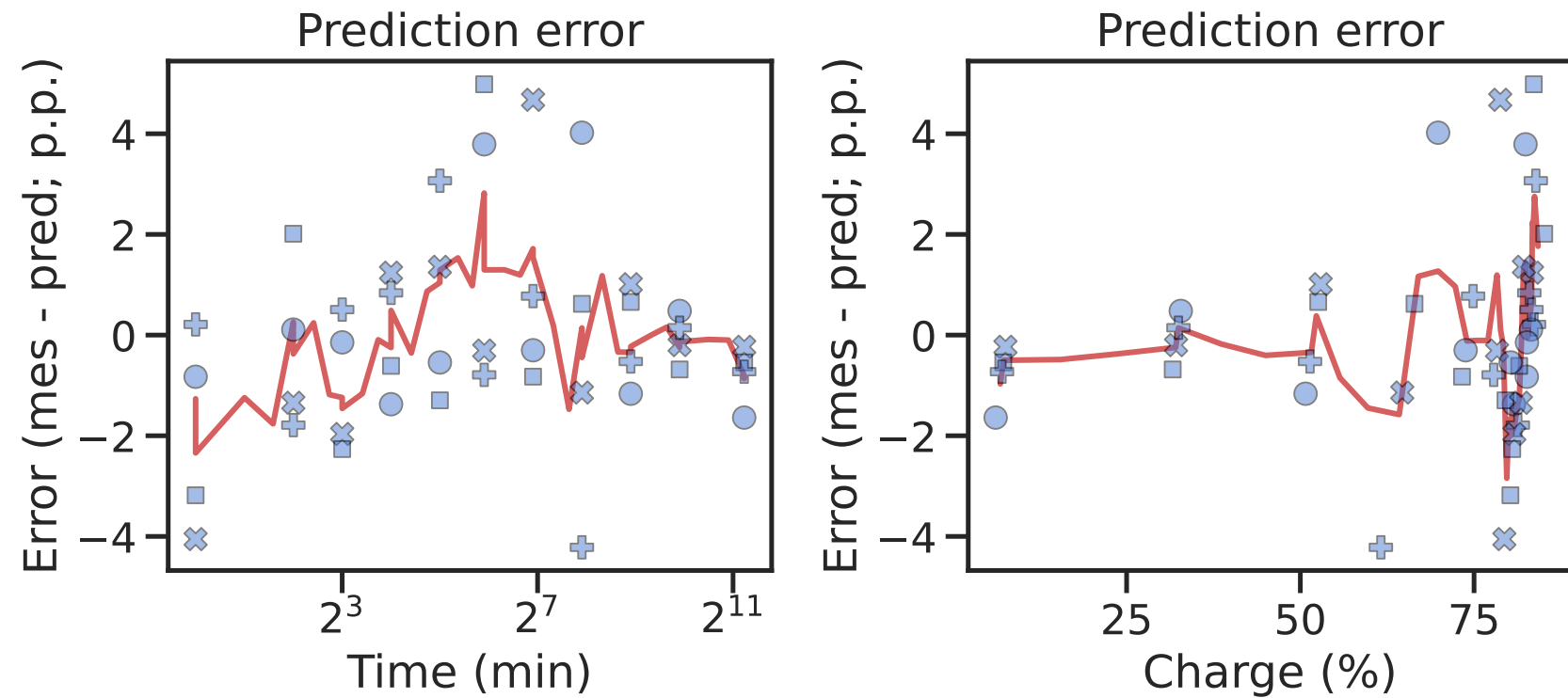
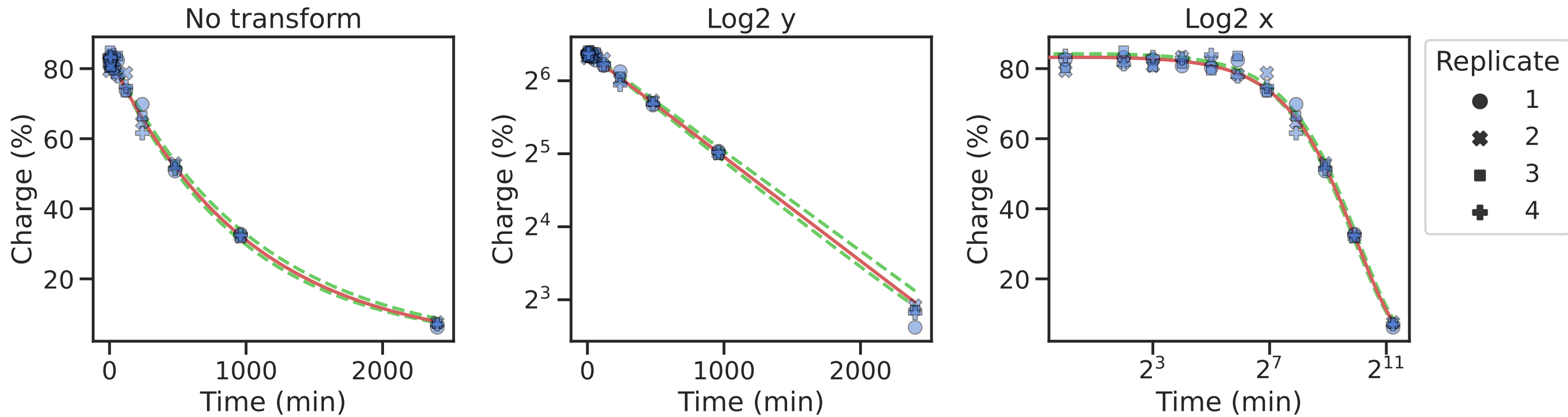
Ser-CGA-1-1 half-life=657min, 95% CI (600; 694)



Ser-CGA-4-1 half-life=700min, 95% CI (636; 734)

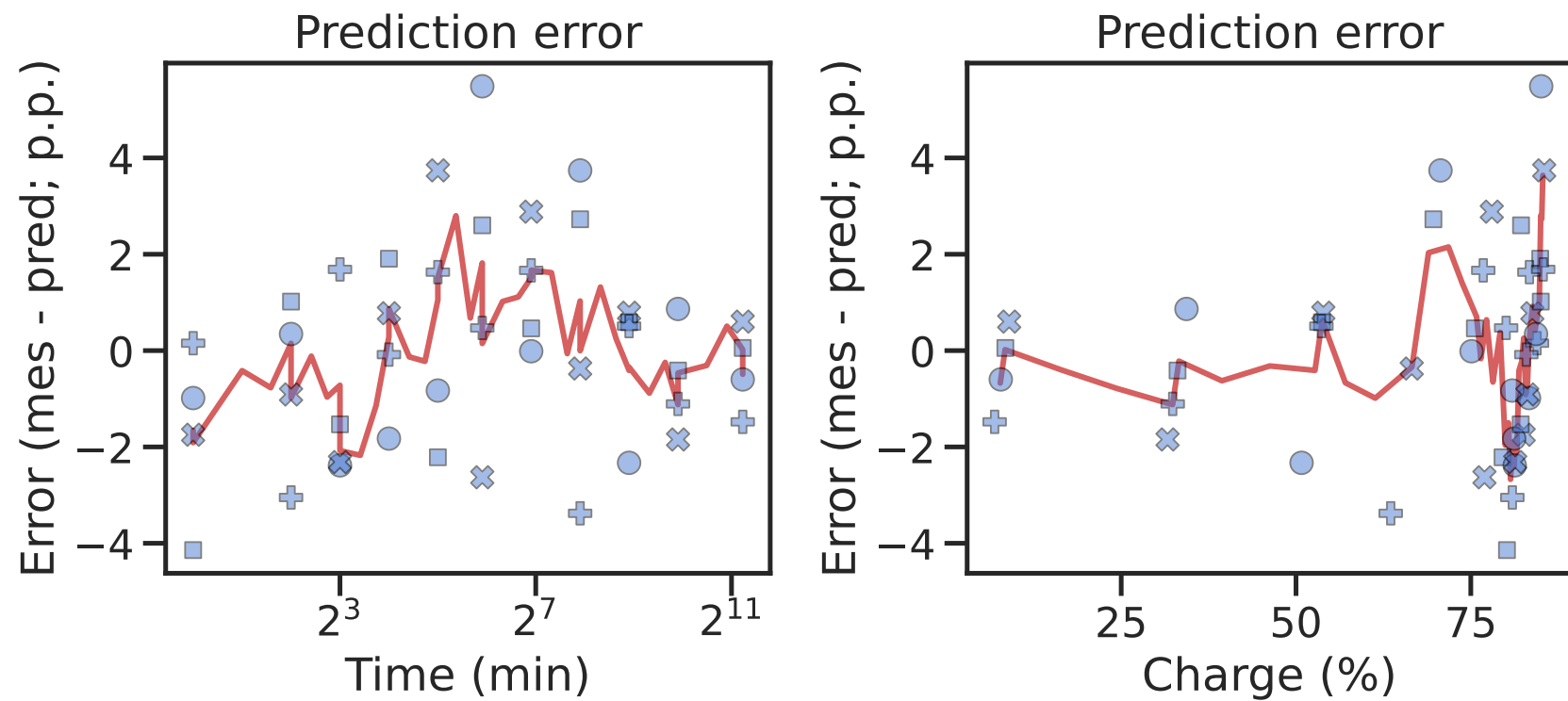
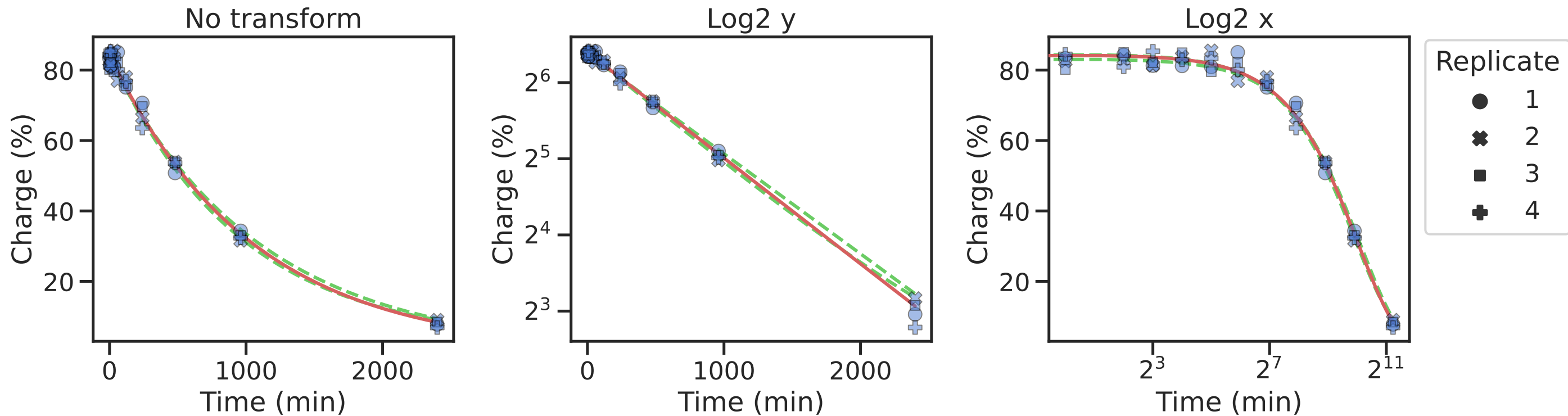


Ser-GCT-1-1 half-life=702 min, 95% CI (656; 732)

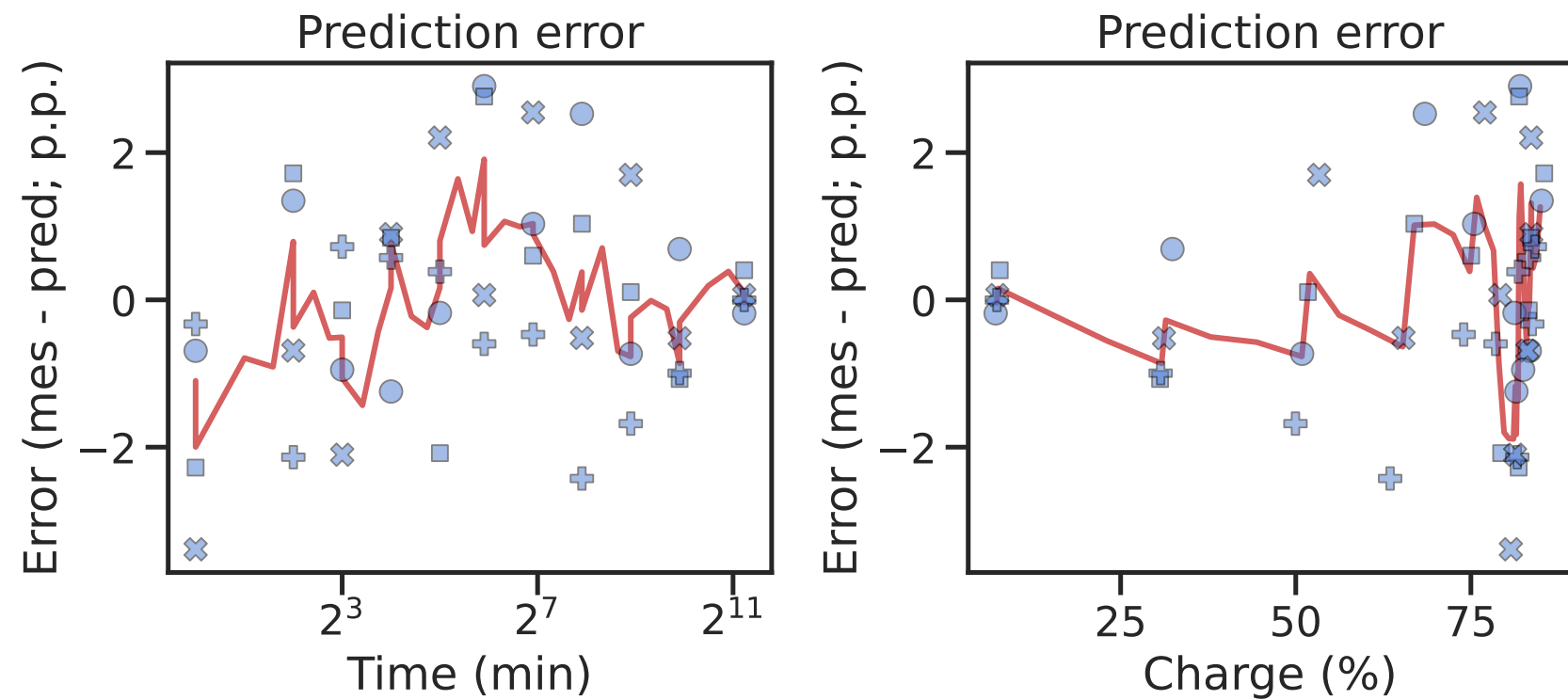
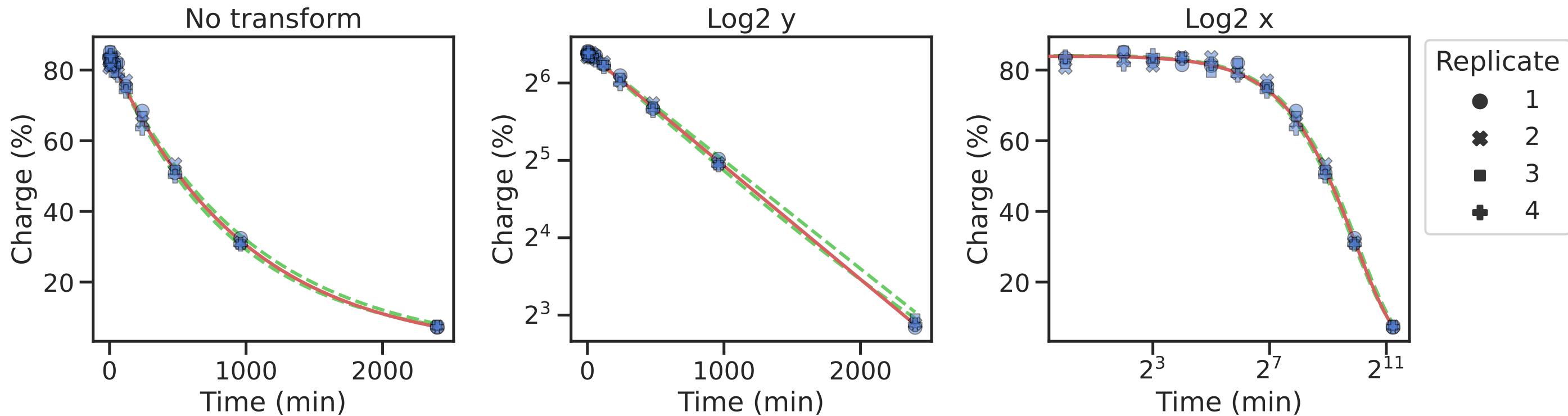




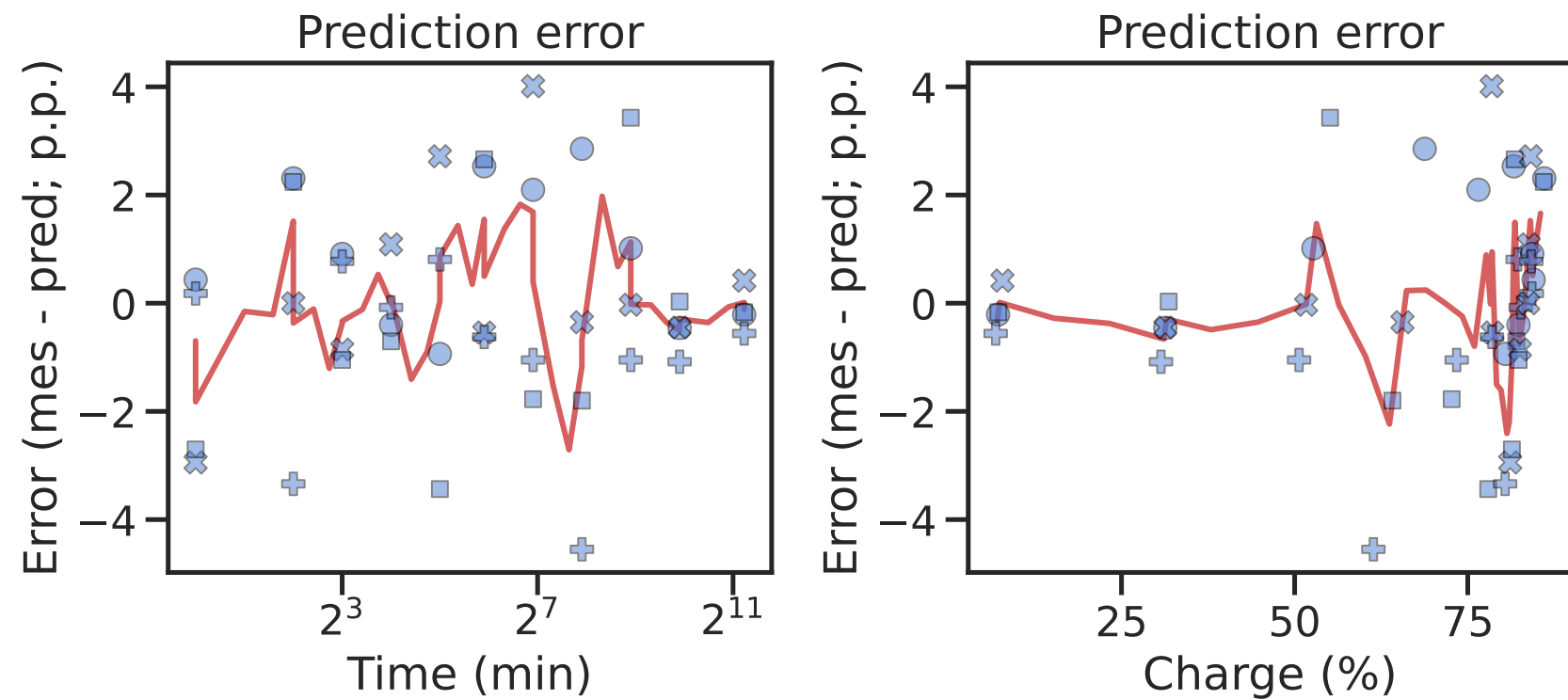
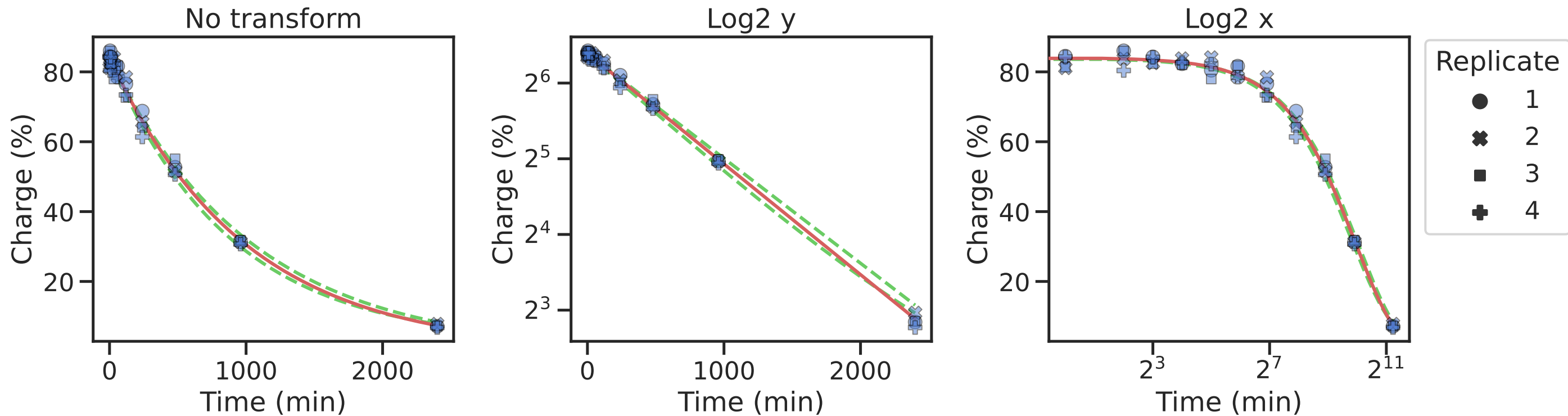
Ser-GCT-2-1 half-life=720 min, 95% CI (656; 762)



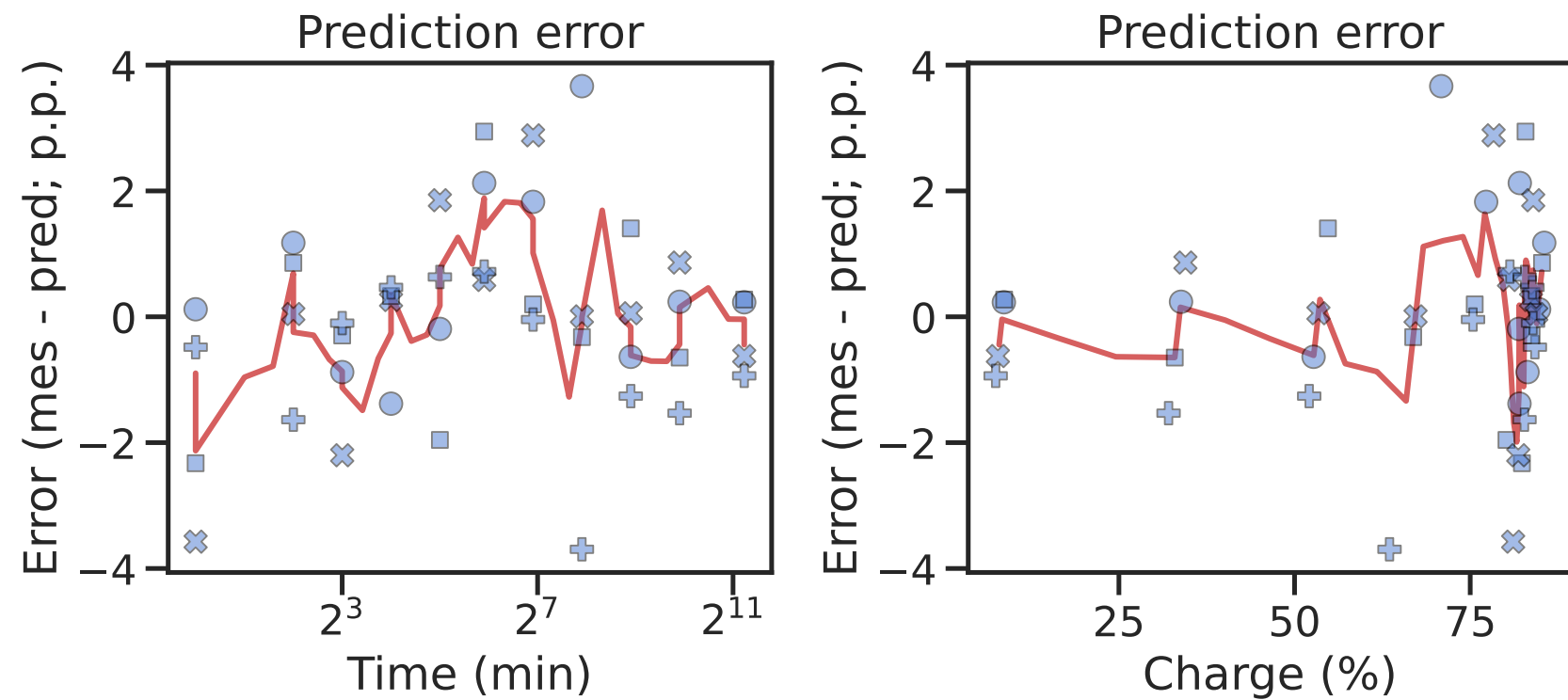
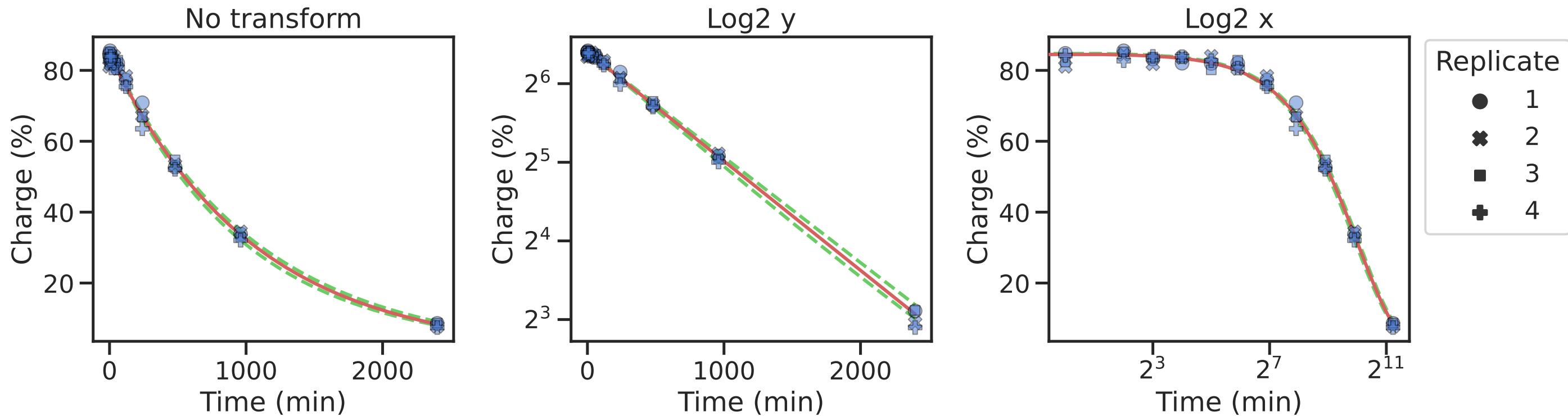
Ser-GCT-3-1 half-life=682 min, 95% CI (626; 715)



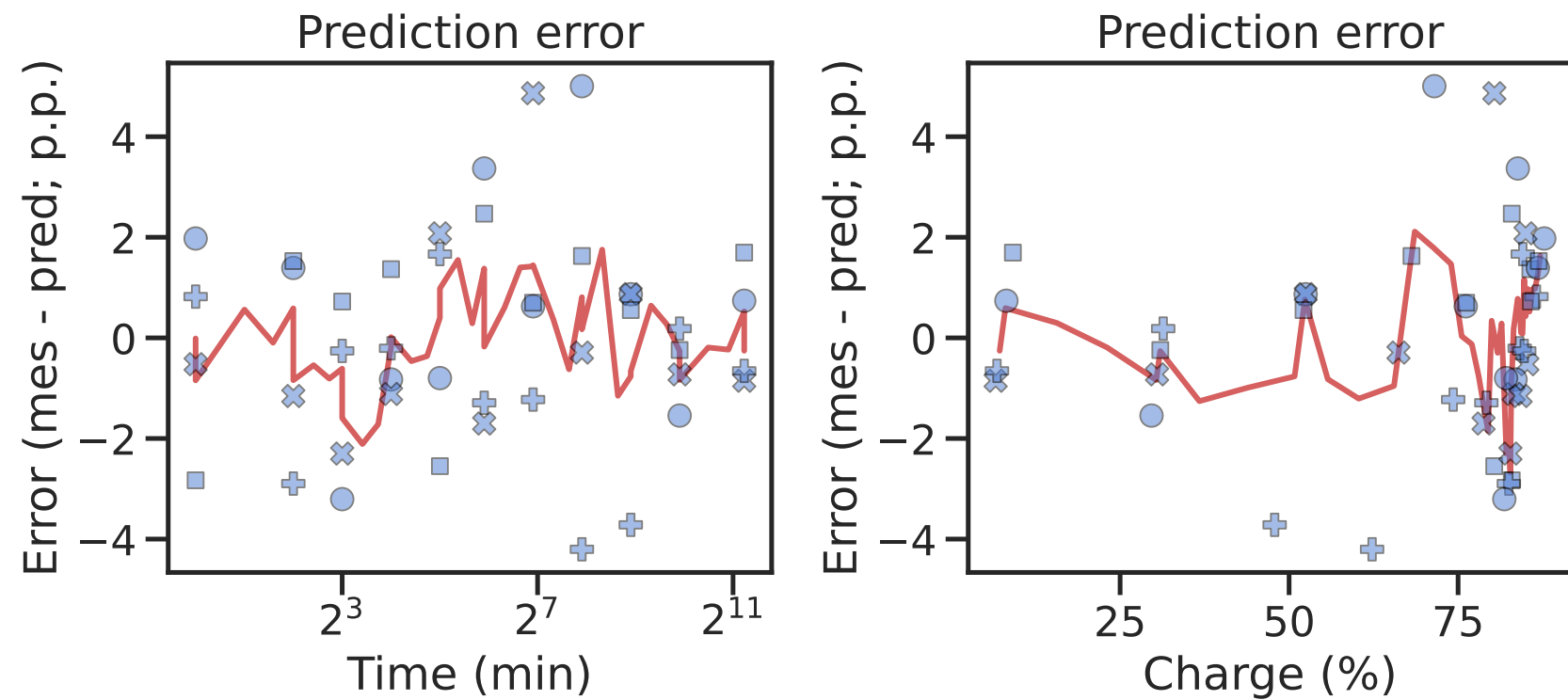
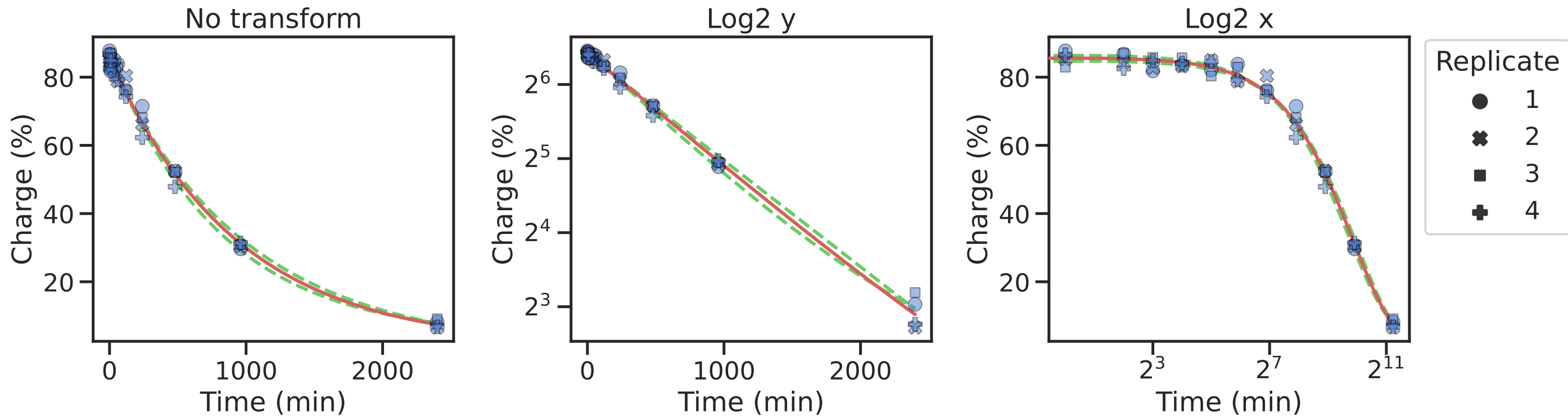
Ser-GCT-5-1 half-life=684 min, 95% CI (613; 722)



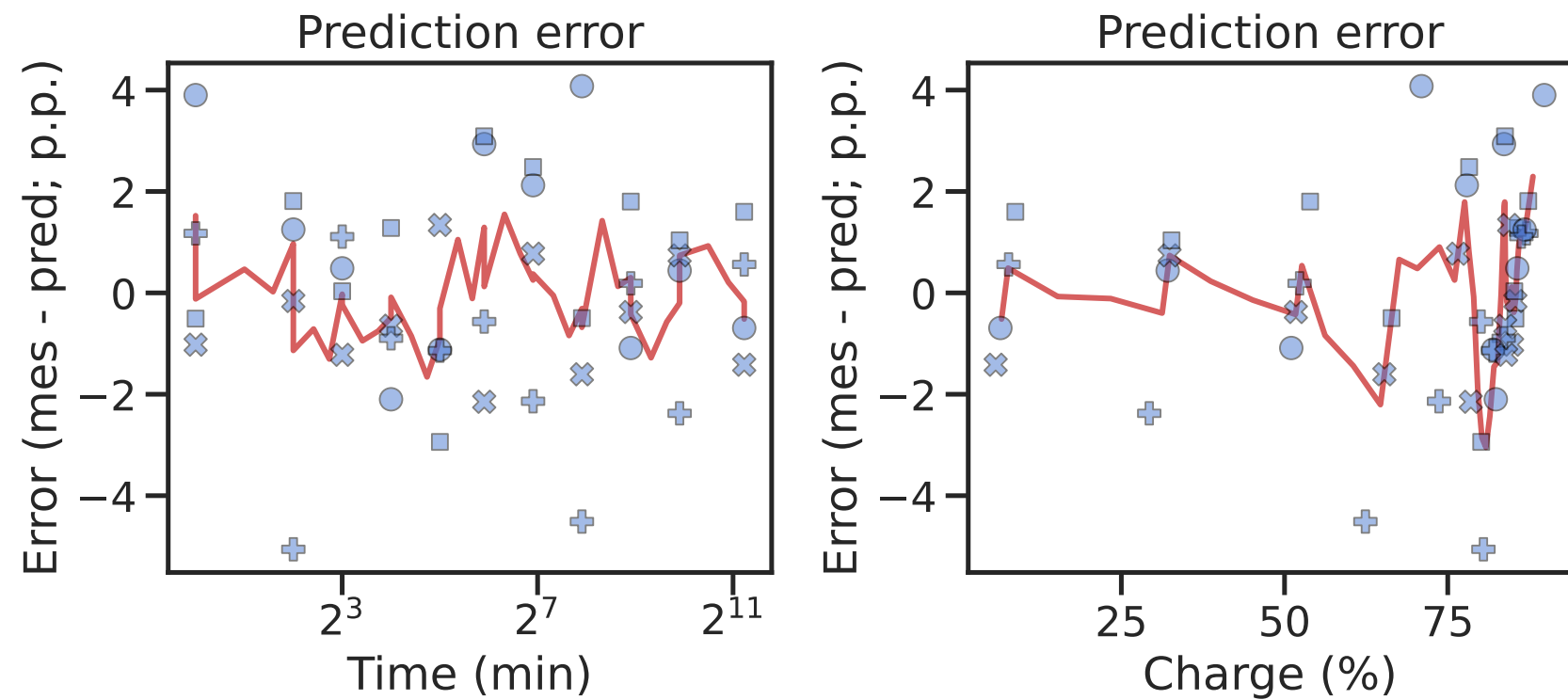
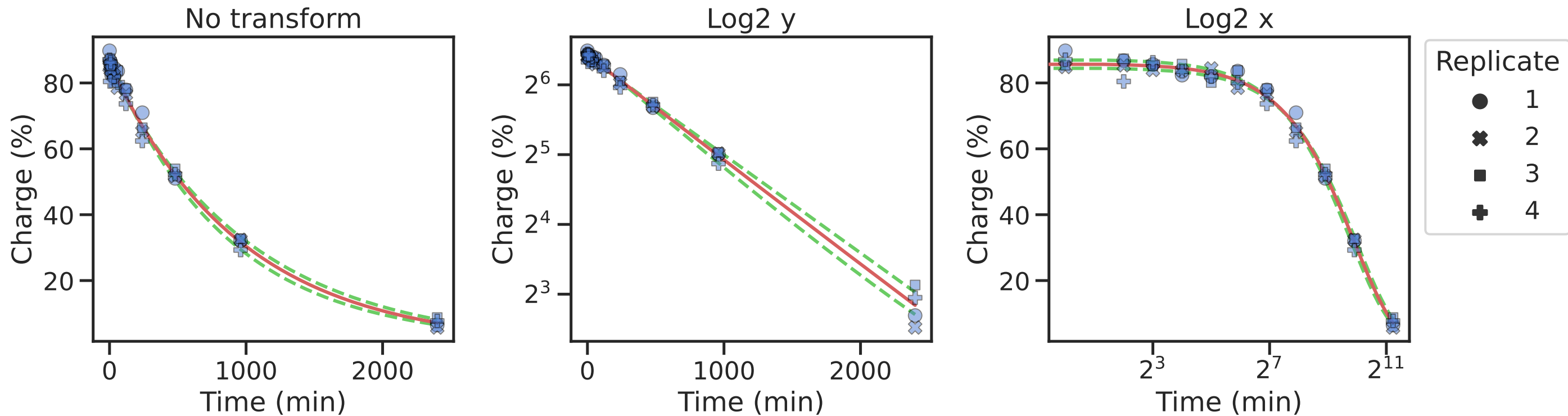
Ser-TGA-1-1 half-life=720 min, 95% CI (669; 745)



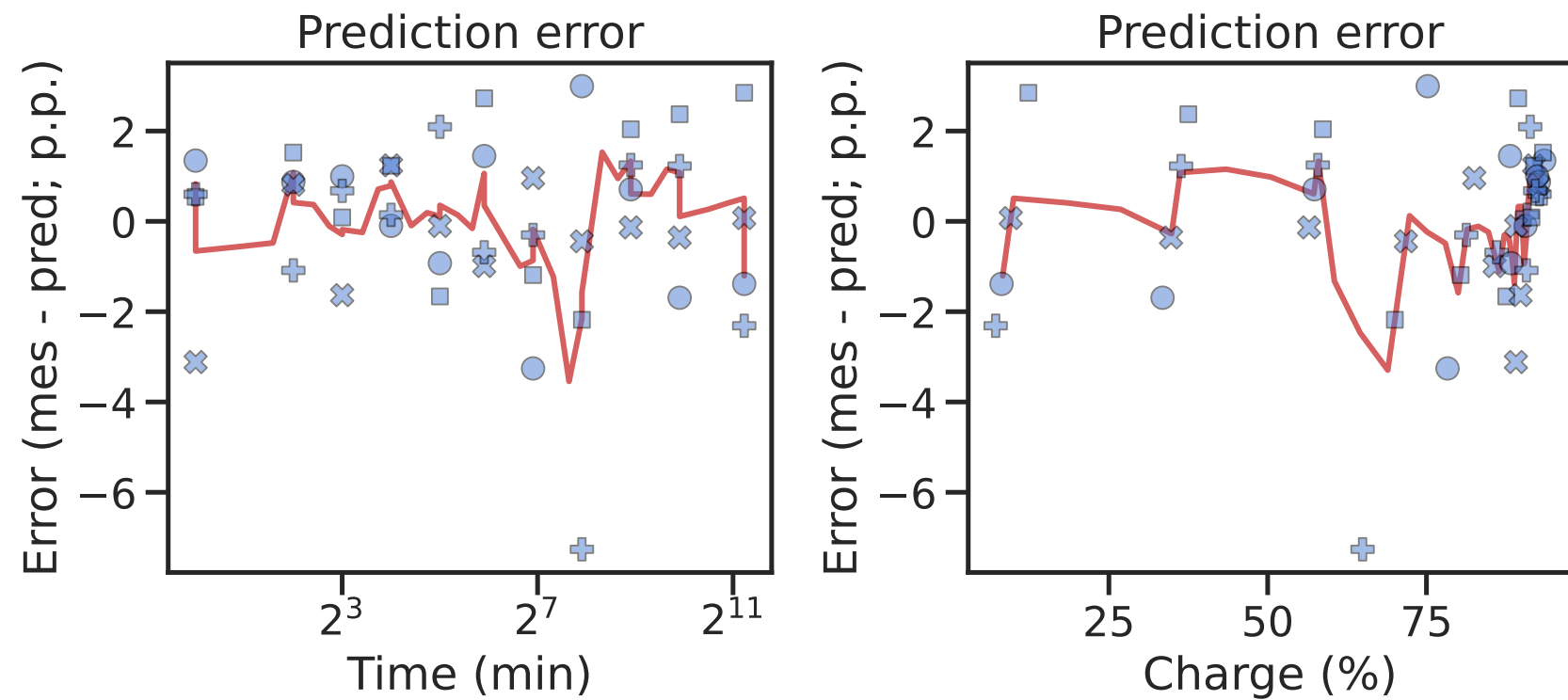
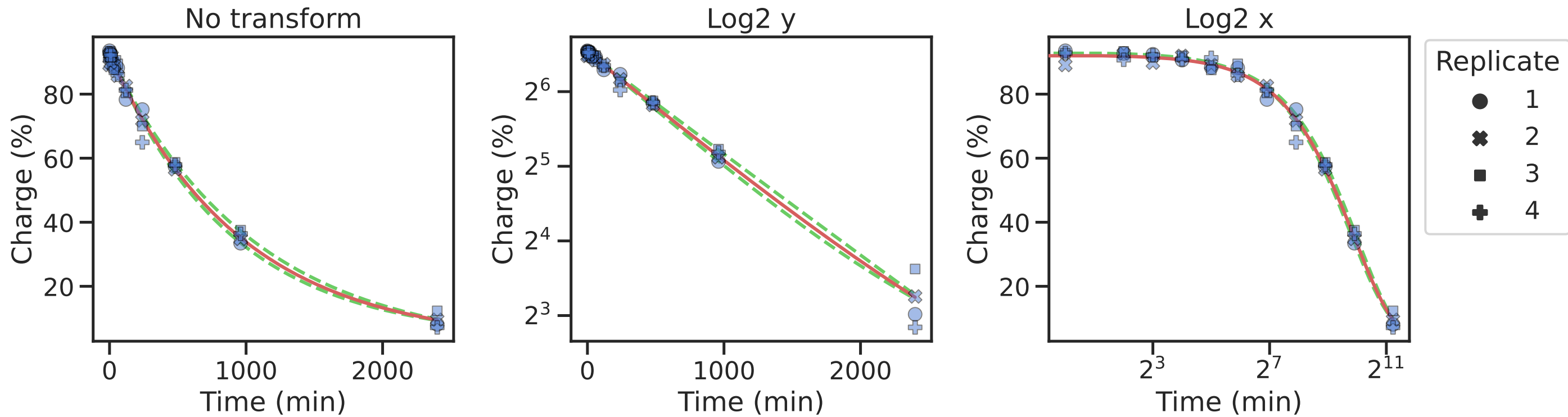
Ser-TGA-2-1 half-life=644 min, 95% CI (566; 697)



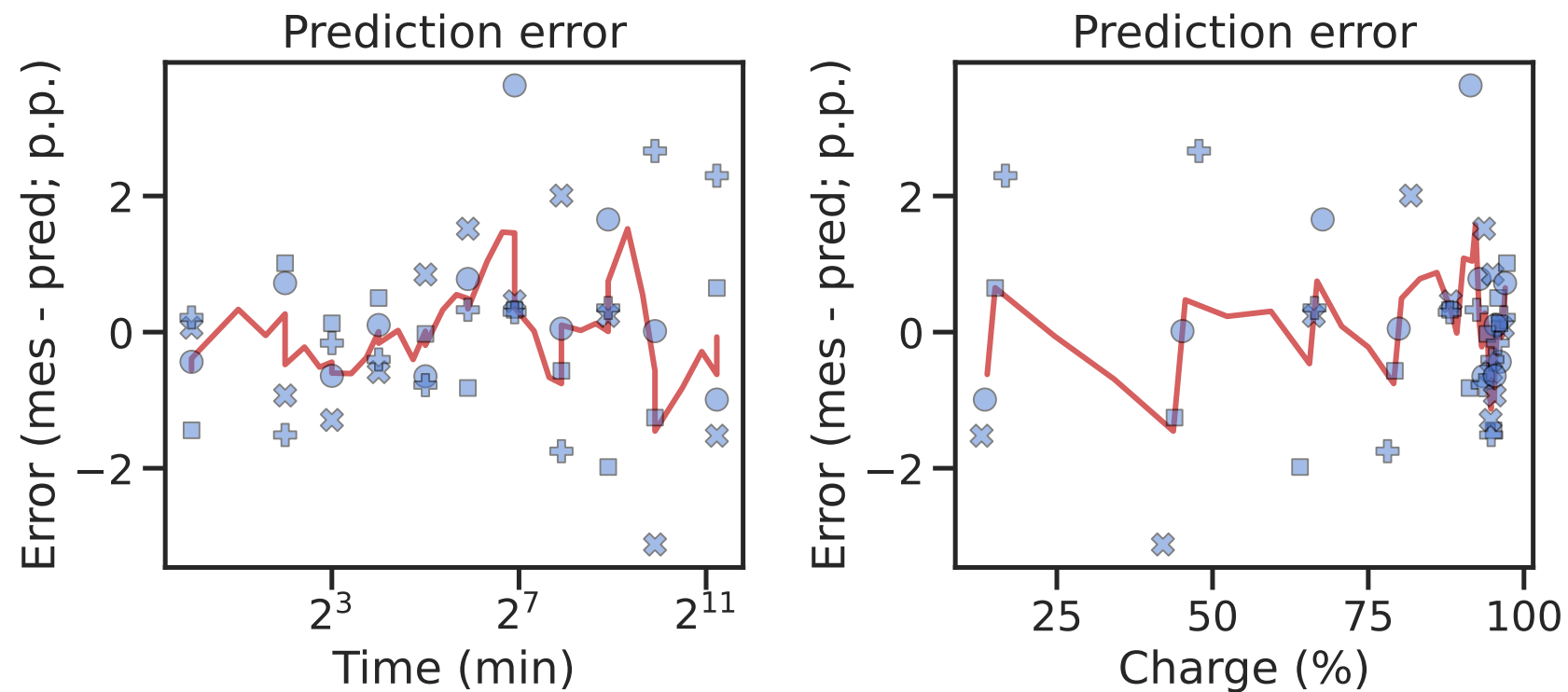
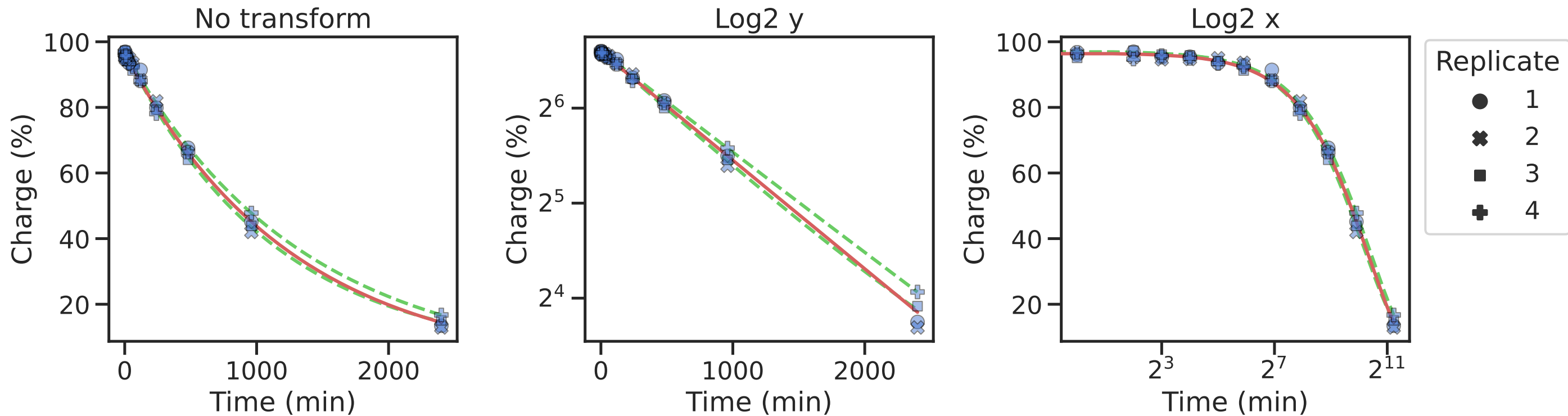
Ser-TGA-3-1 half-life=665 min, 95% CI (597; 711)



Ser-TGA-4-1 half-life=662 min, 95% CI (609; 728)

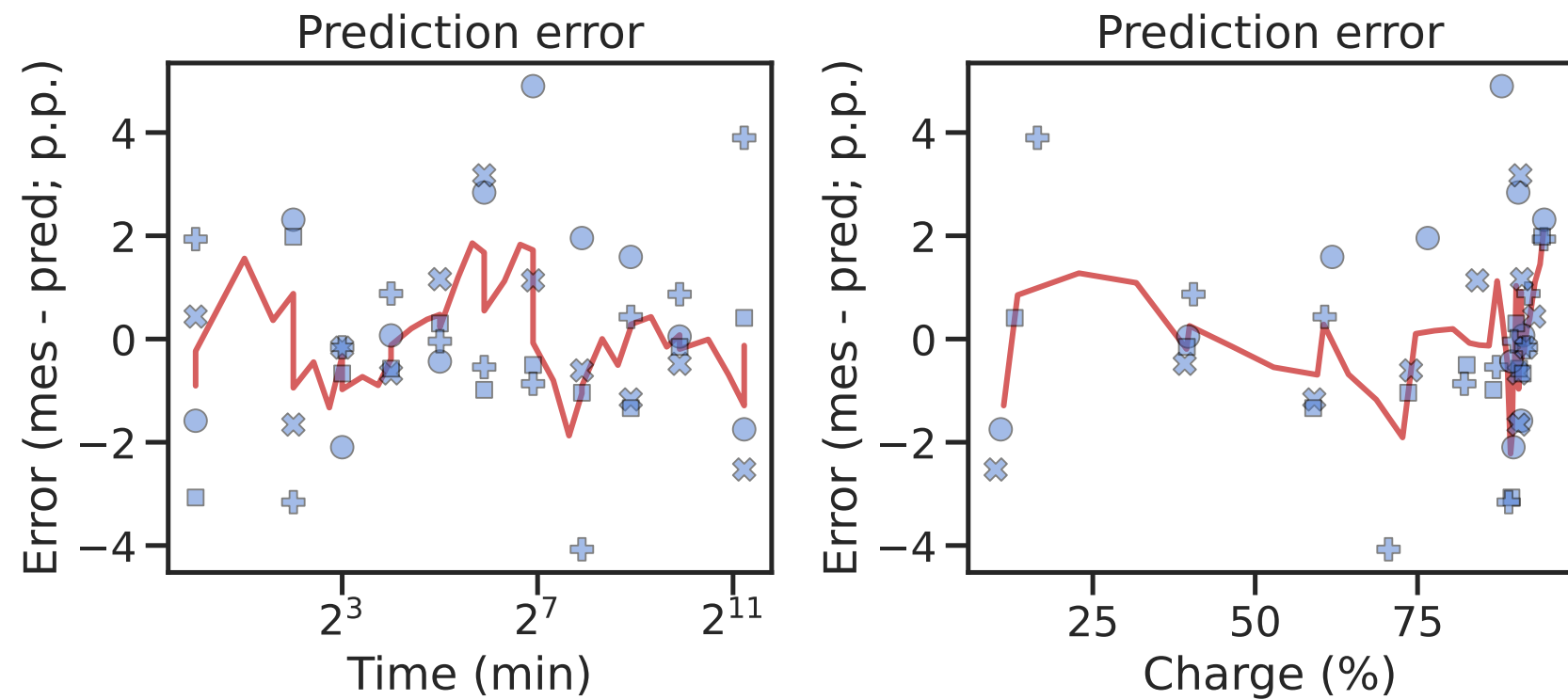
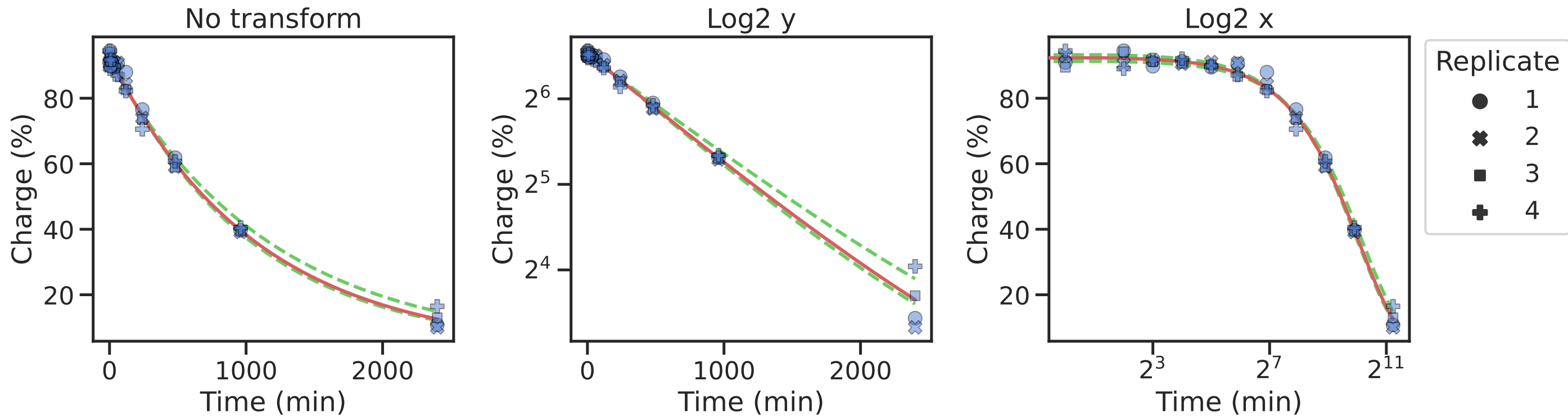


Thr-AGT-1-1 half-life=876 min, 95% CI (783; 935)

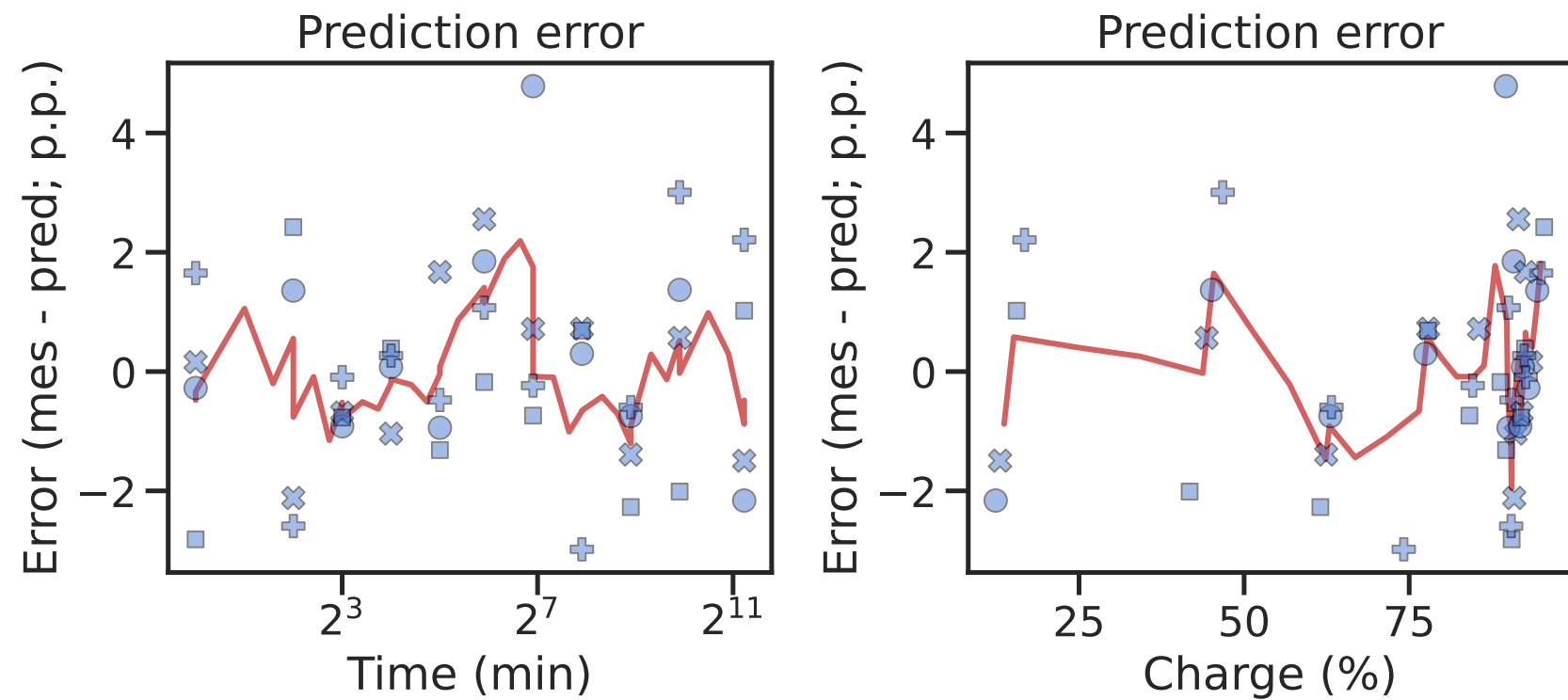
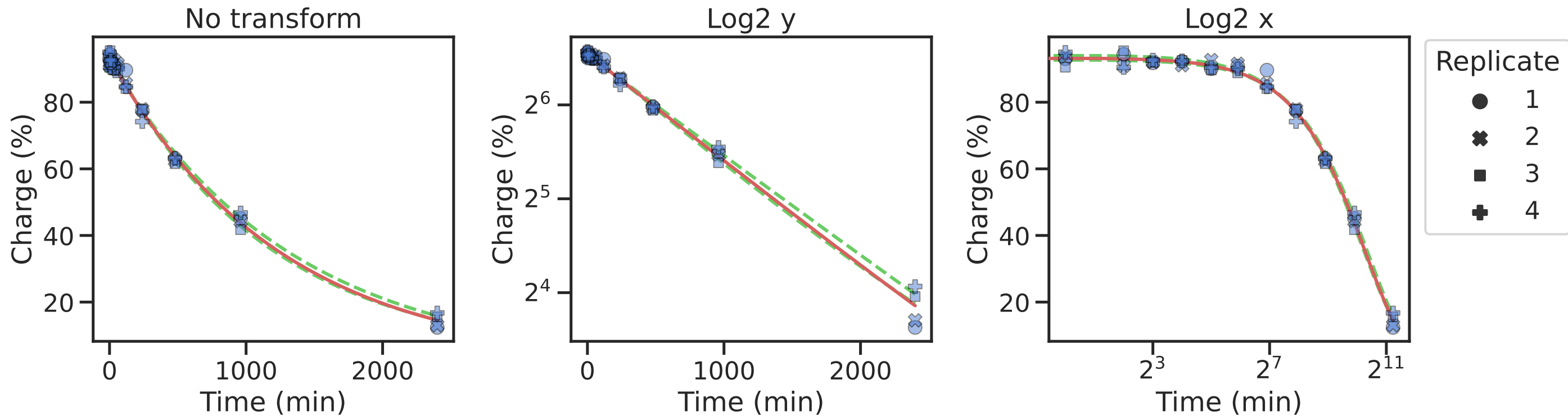




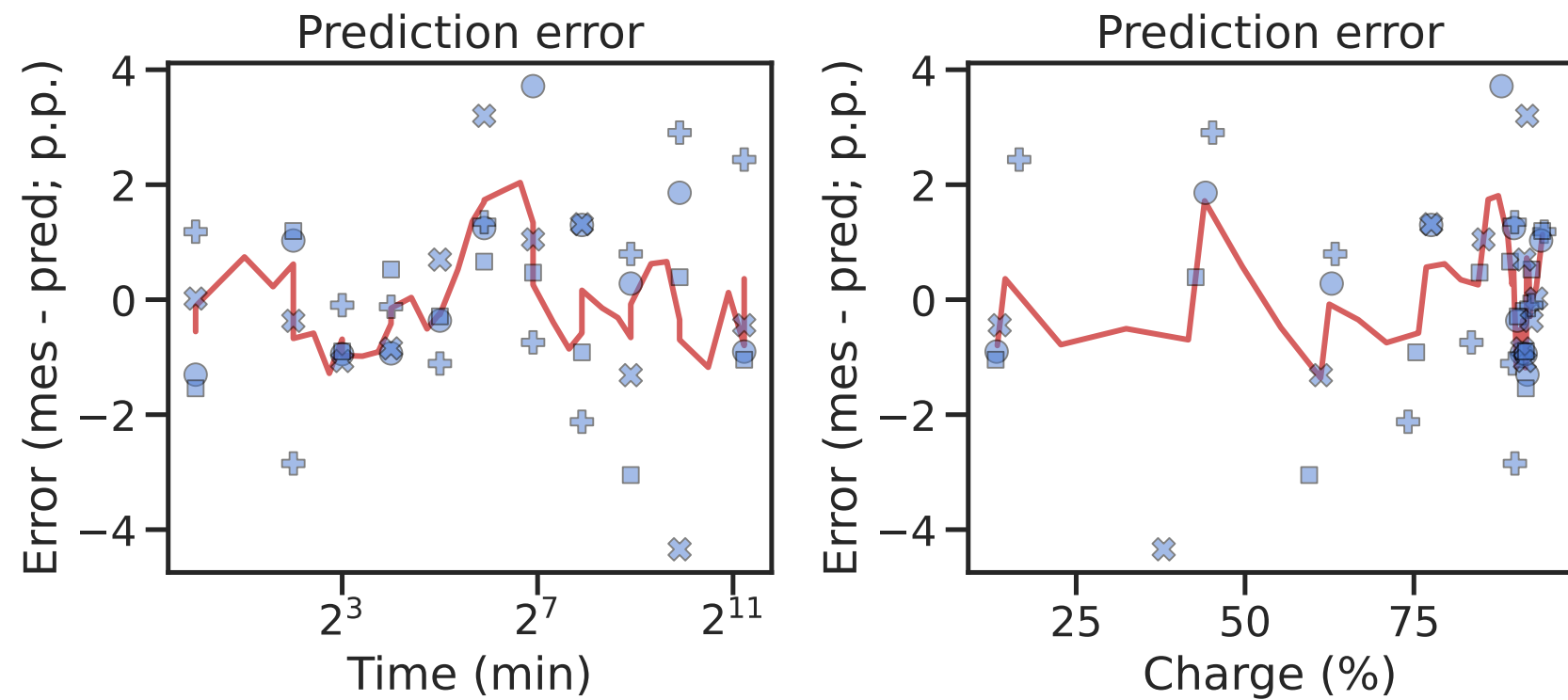
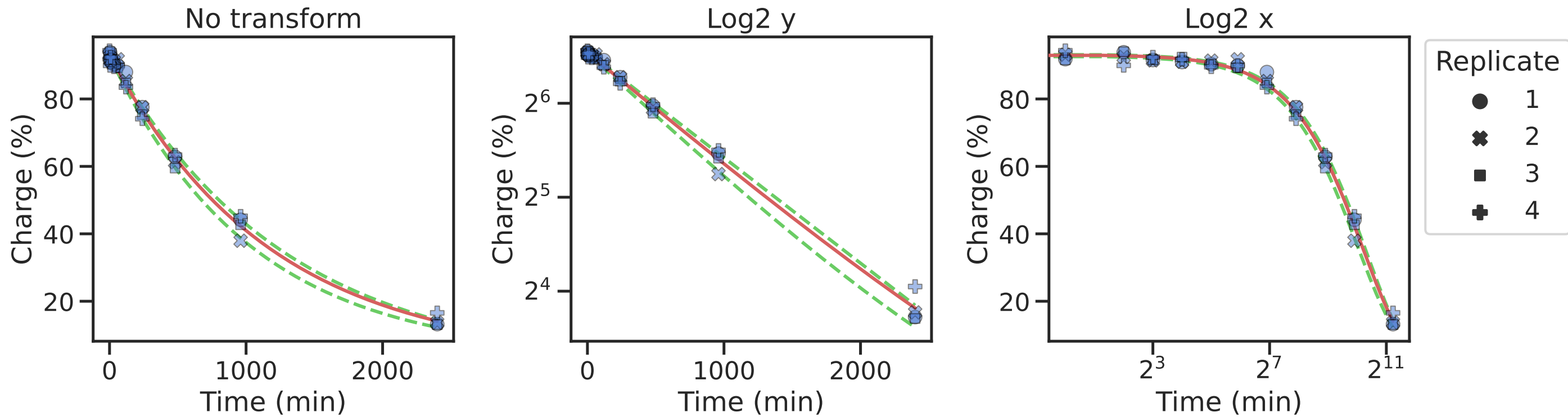
Thr-AGT-2-1 half-life=745 min, 95% CI (710; 814)



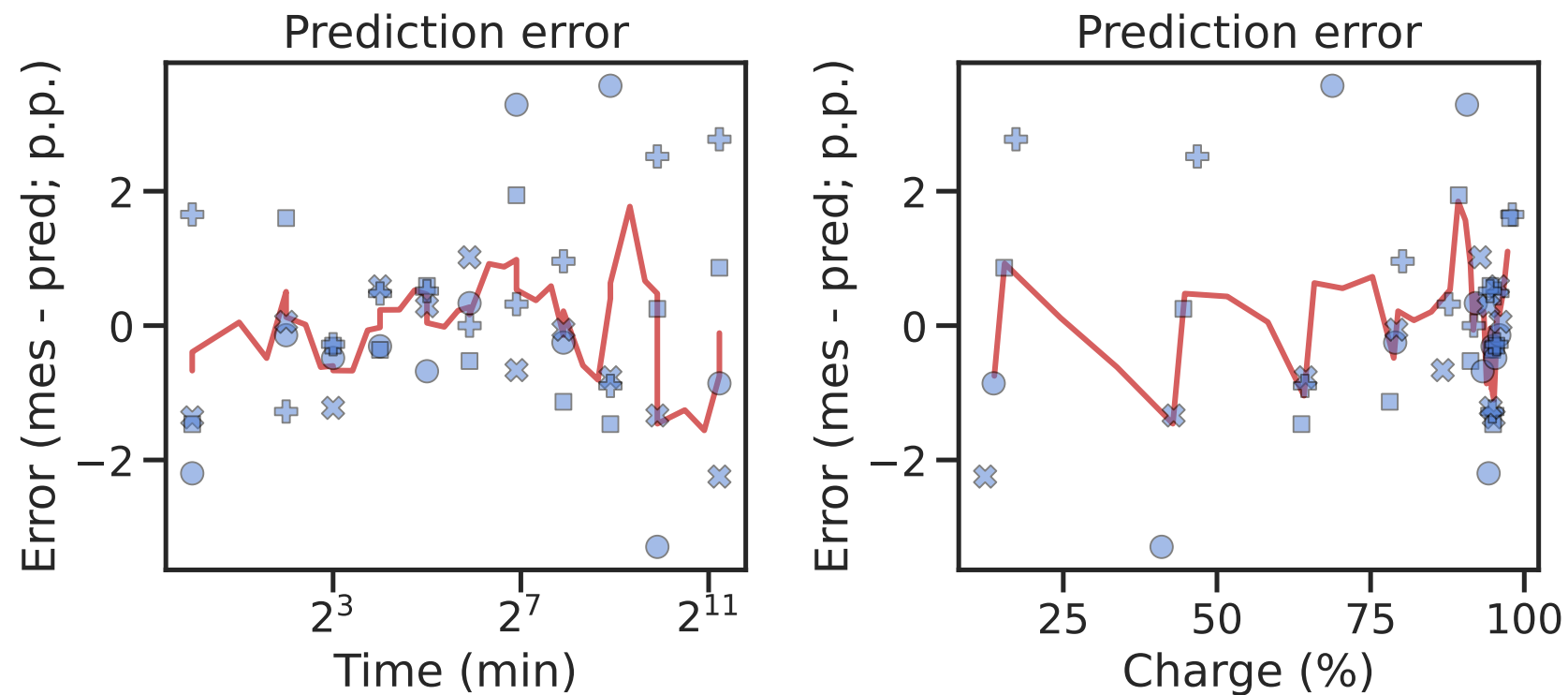
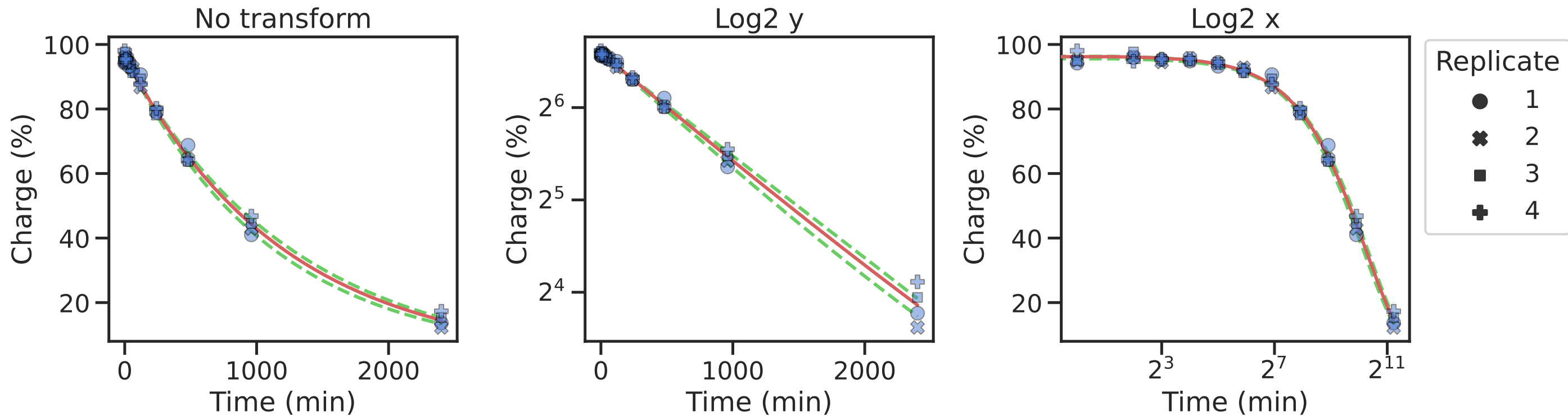
Thr-AGT-3-1 half-life=863 min, 95% CI (797; 917)



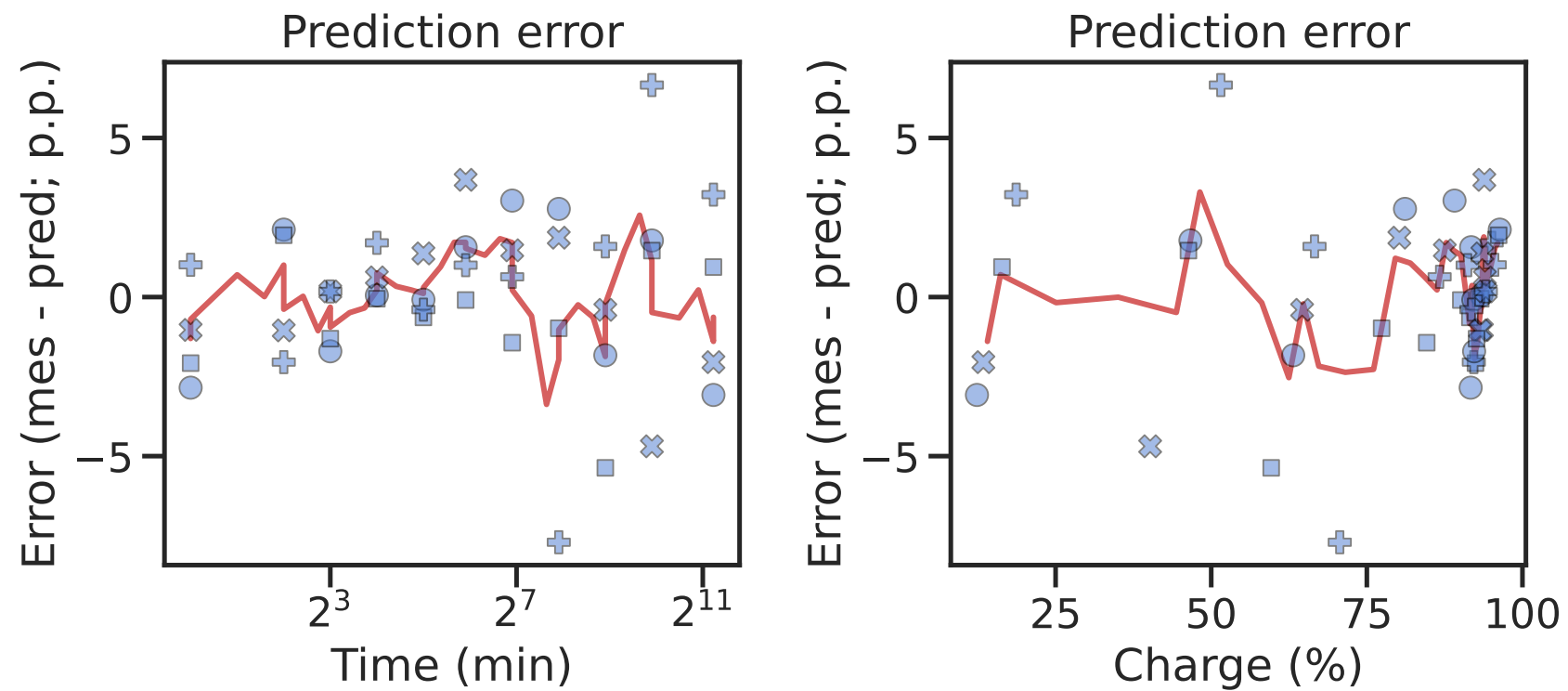
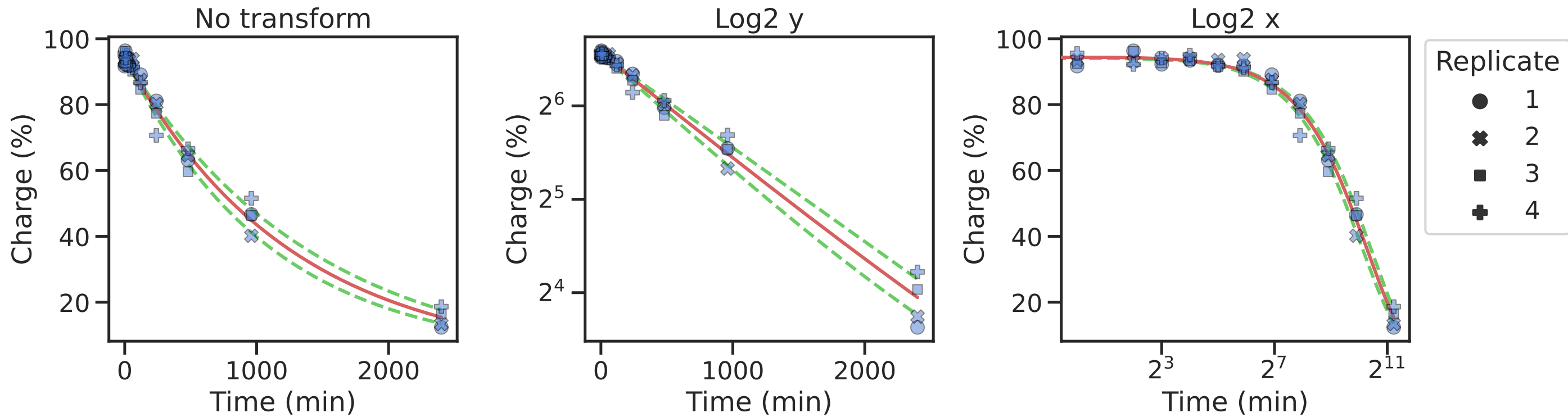
Thr-AGT-4-1 half-life=808 min, 95% CI (716; 891)



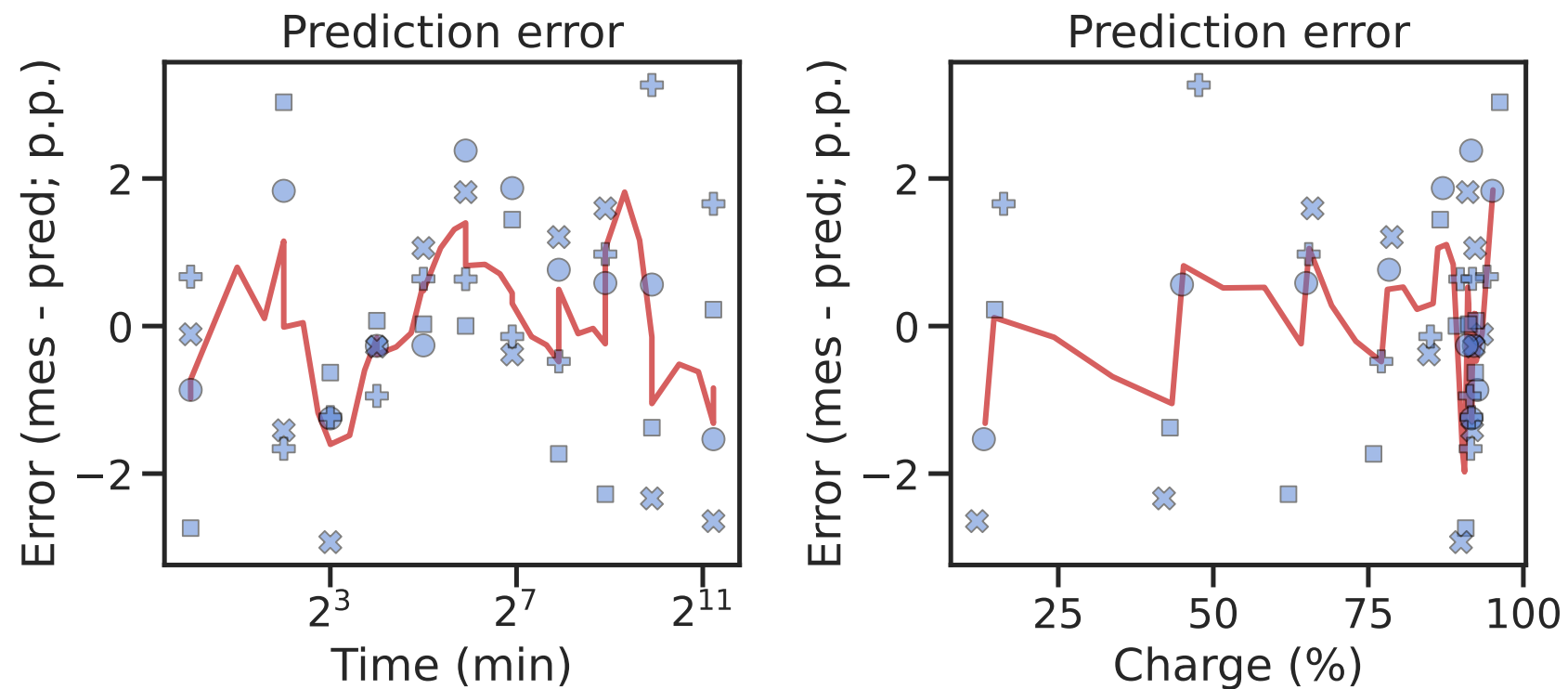
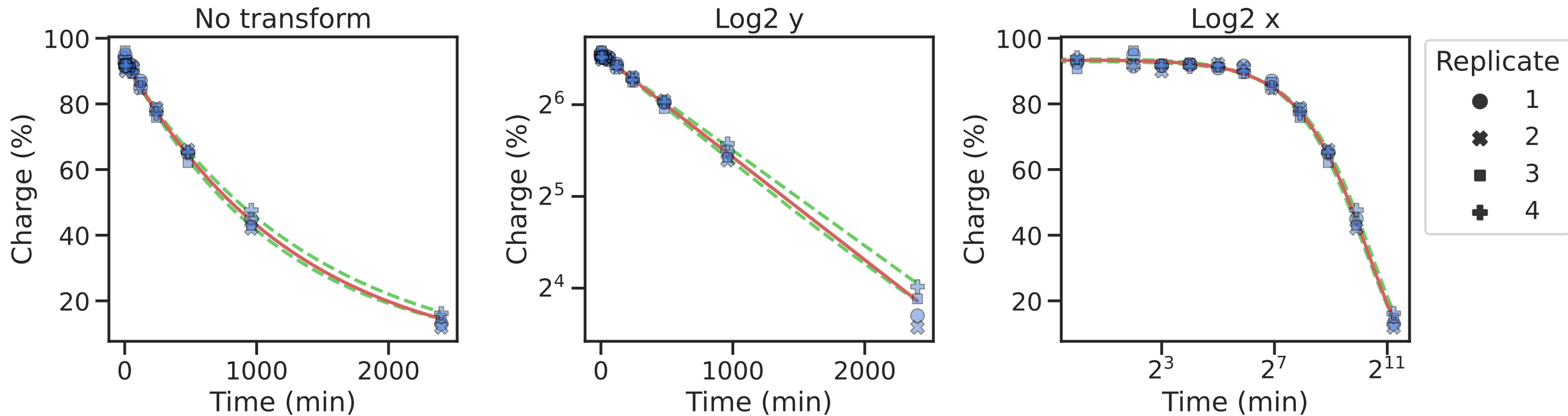
Thr-AGT-5-1 half-life=833 min, 95% CI (767; 906)



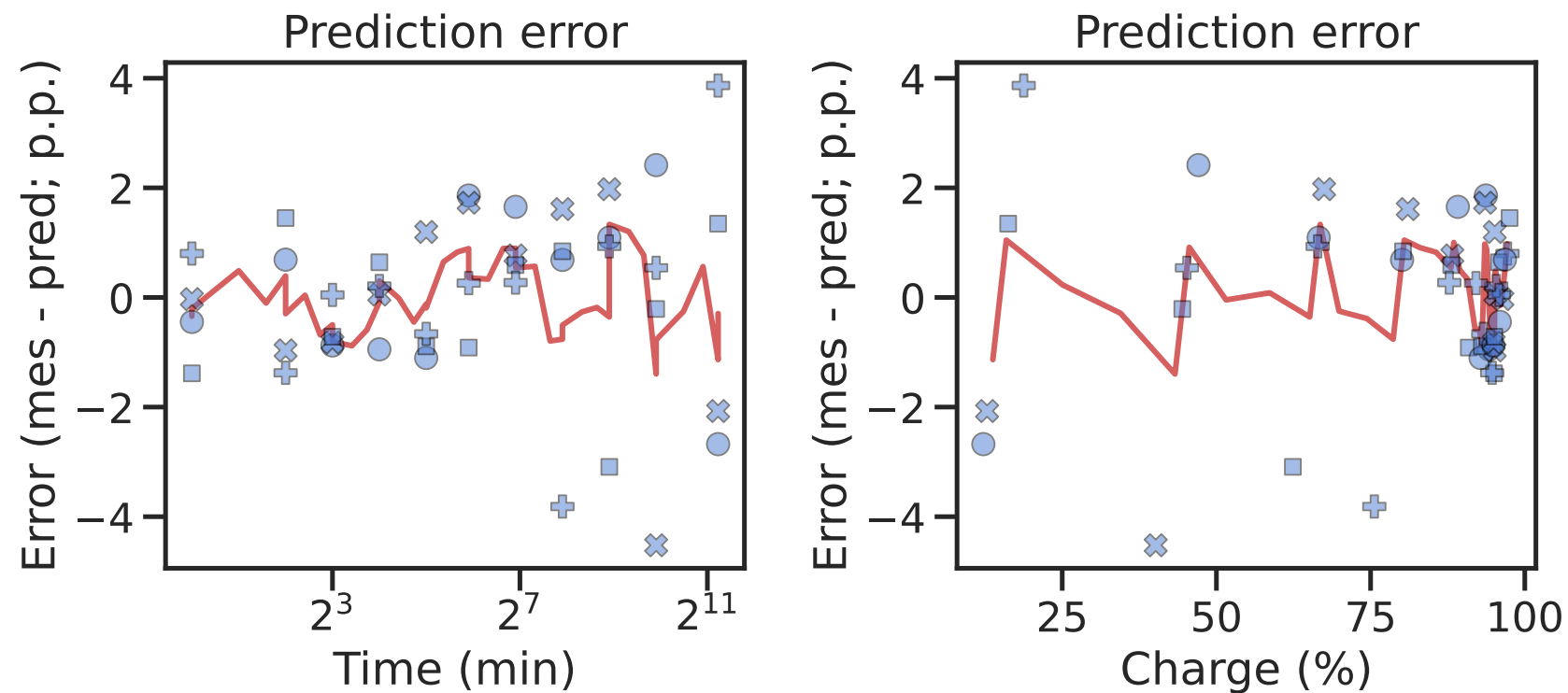
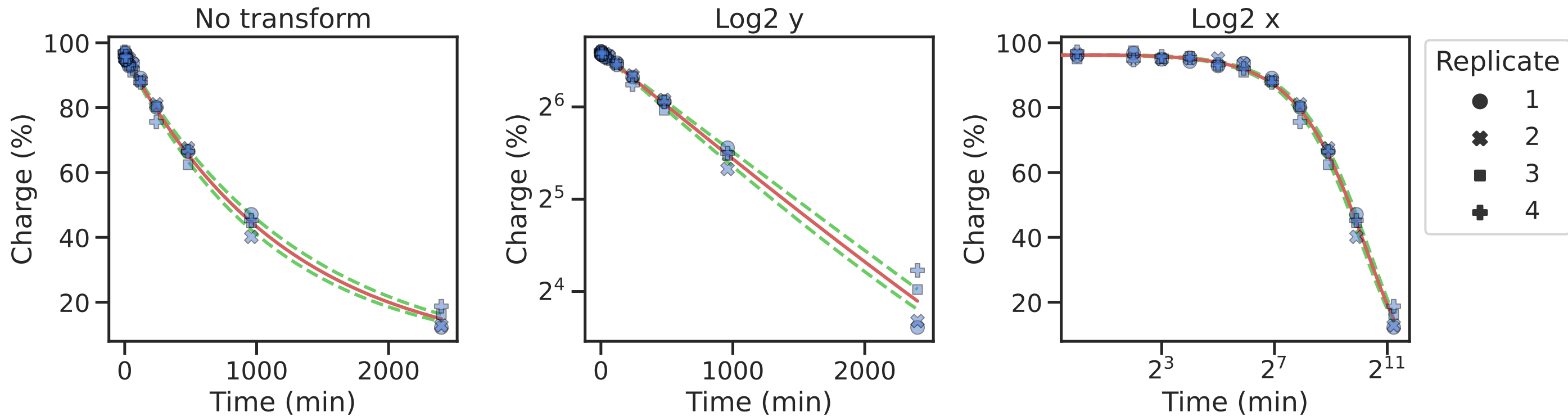
Thr-AGT-6-1 half-life=868 min, 95% CI (756; 995)



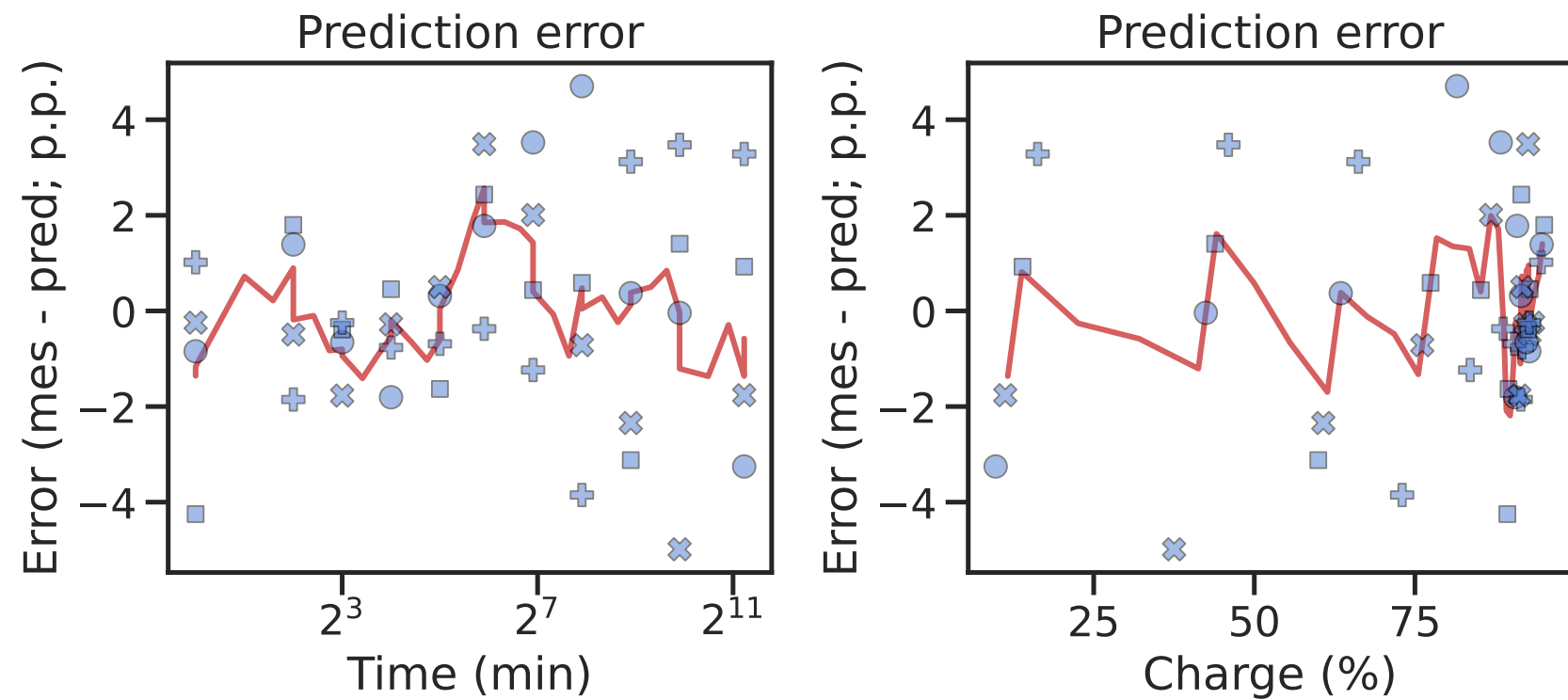
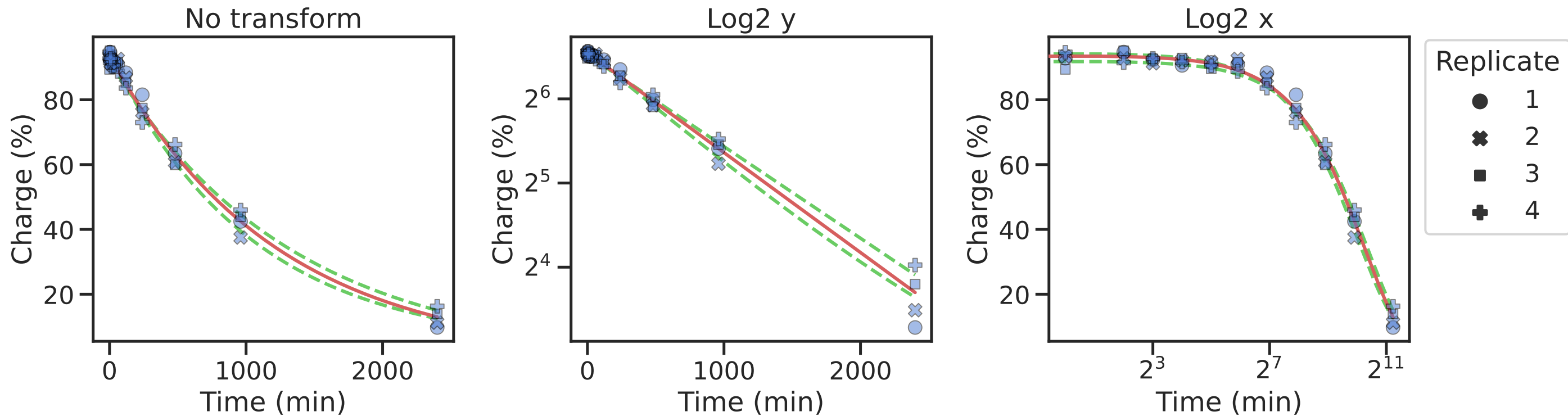
Thr-CGT-1-1 half-life=894 min, 95% CI (806; 963)



Thr-CGT-2-1 half-life=841min, 95% CI (763; 913)

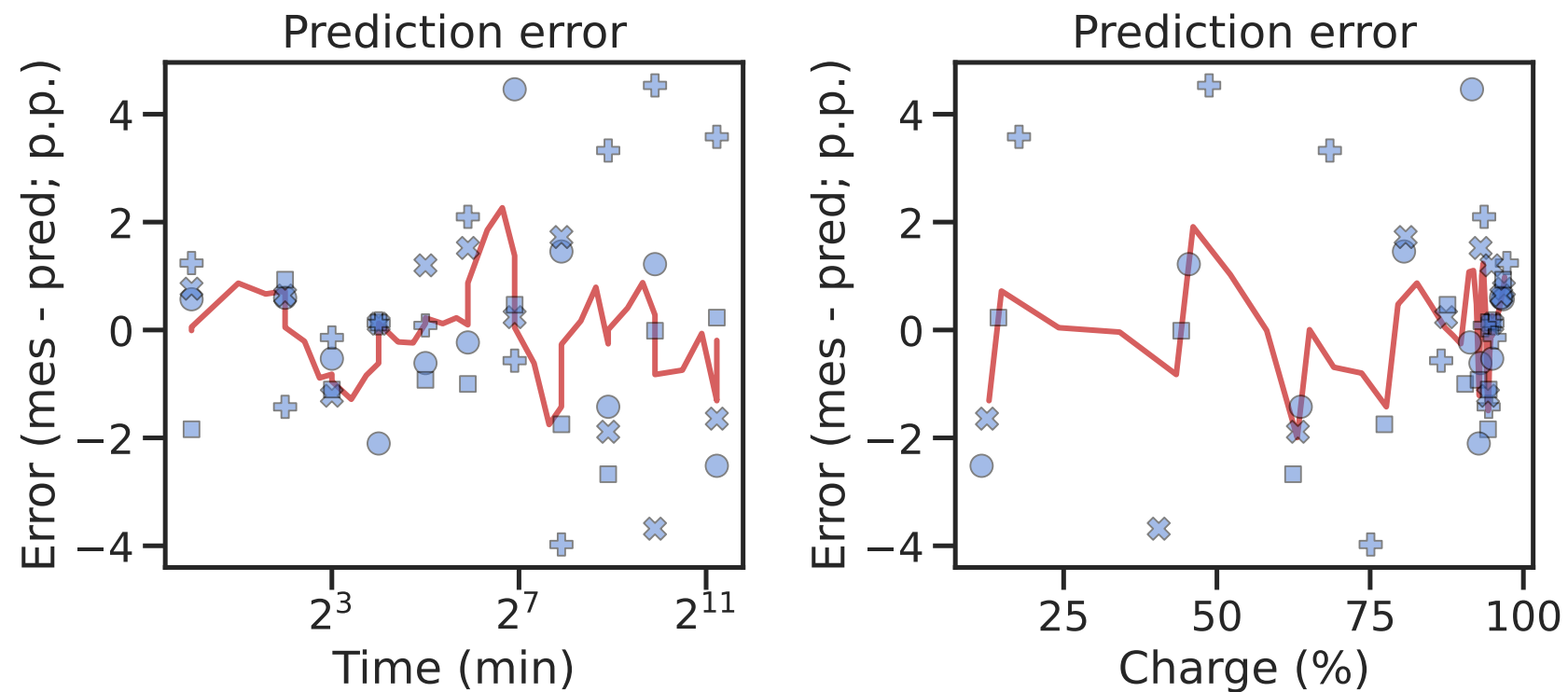
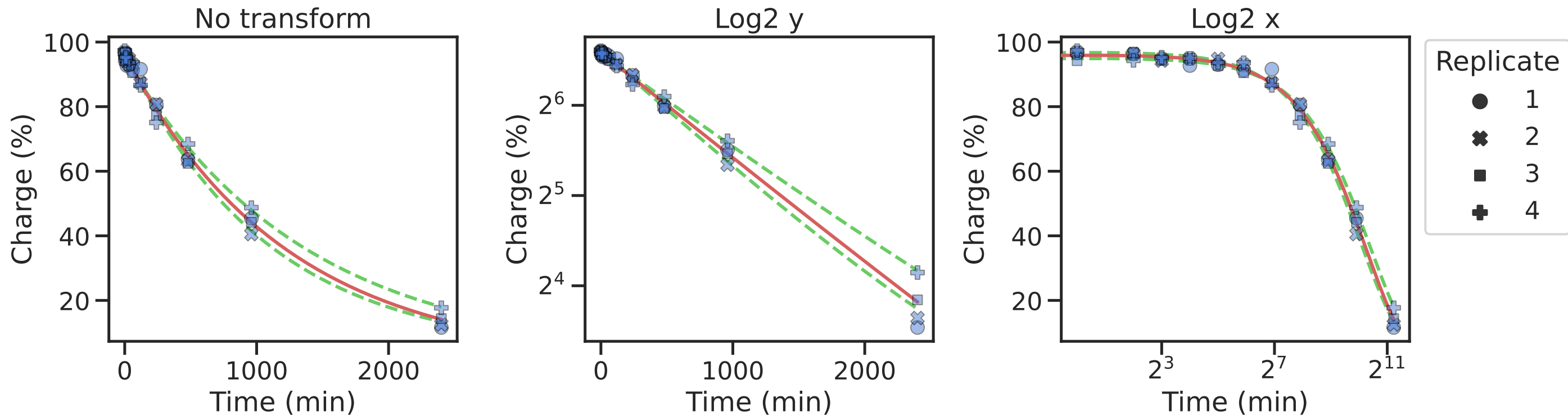


Thr-CGT-3-1 half-life=842 min, 95% CI (719; 918)

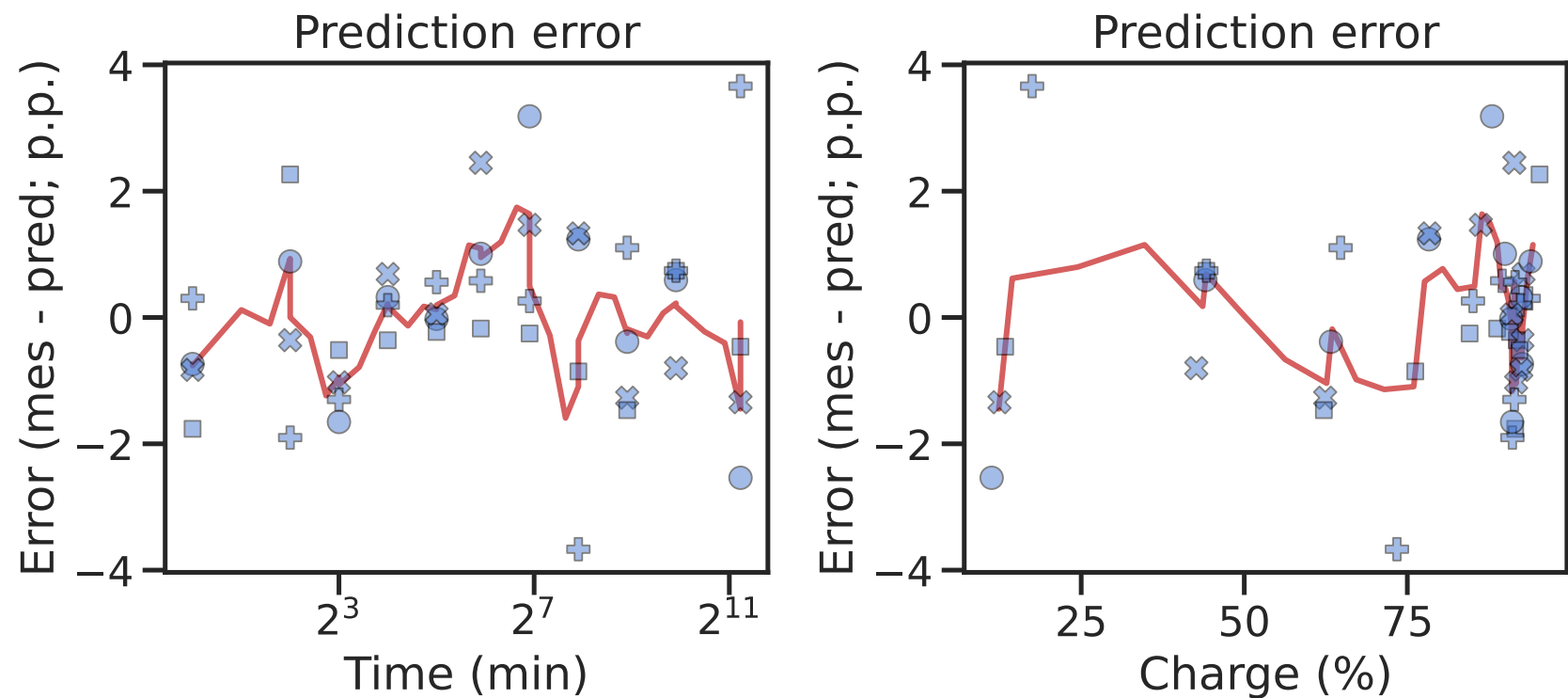
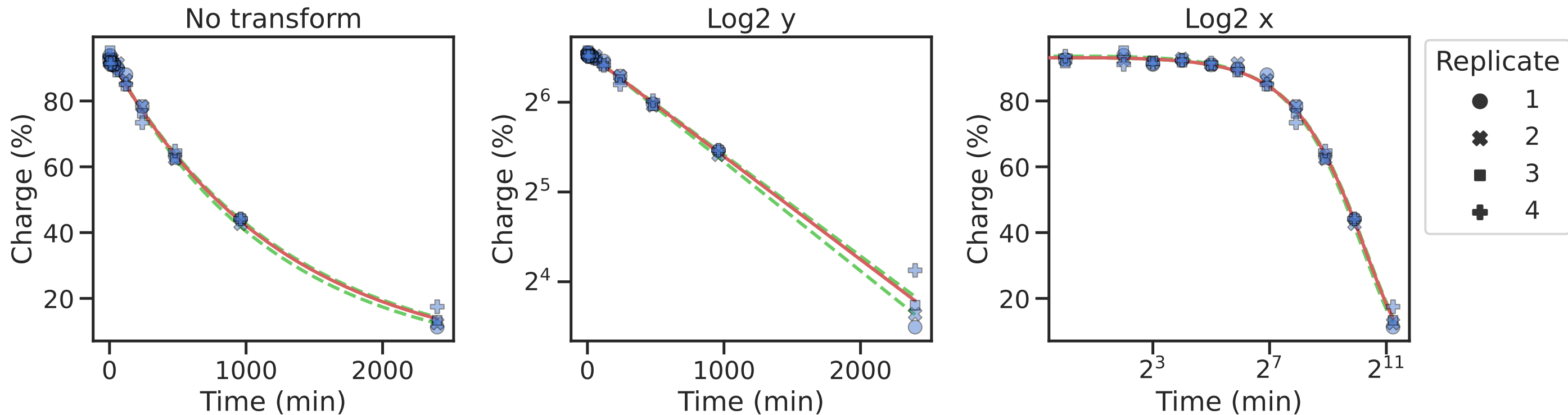




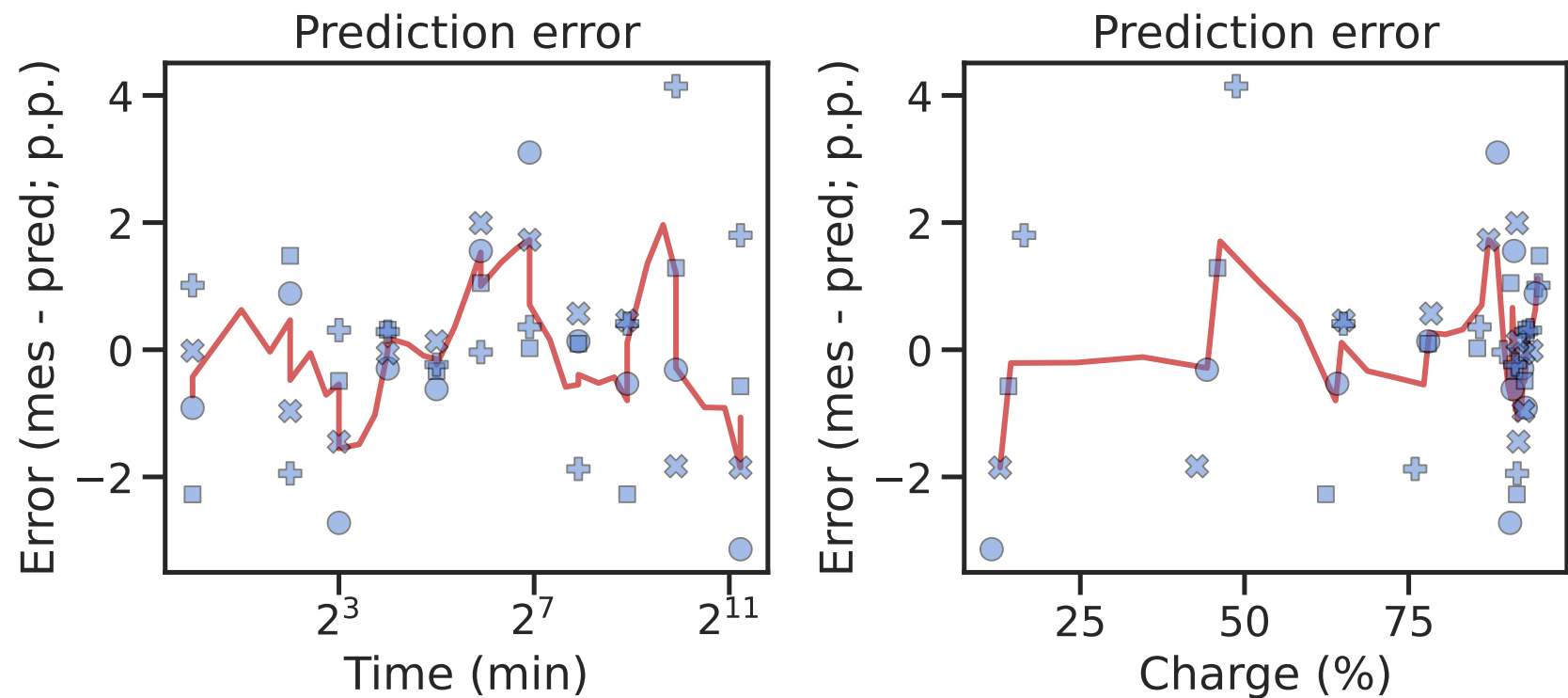
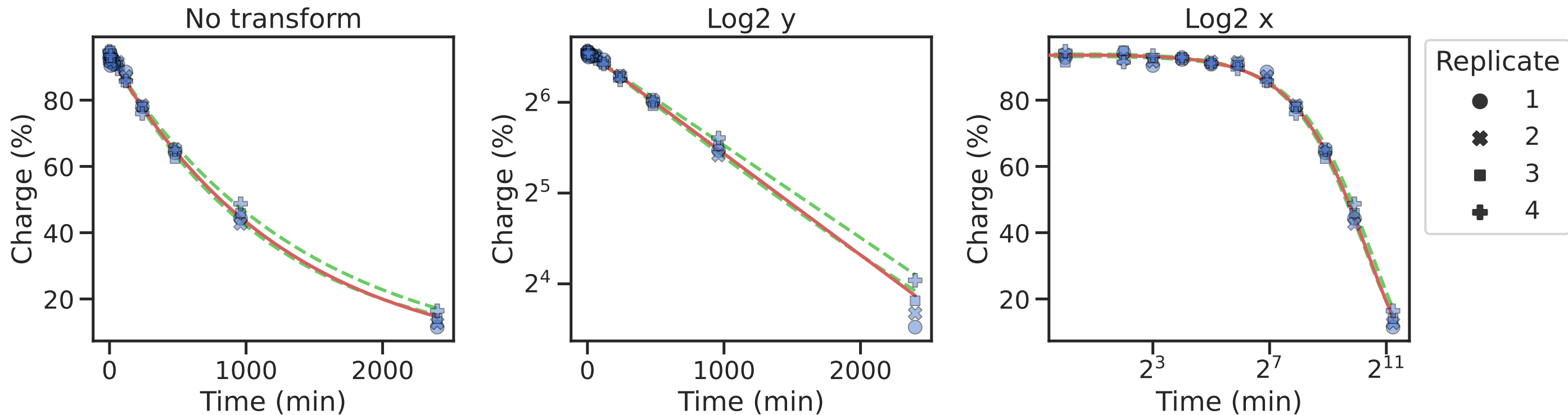
Thr-CGT-4-1 half-life=847 min, 95% CI (741; 942)



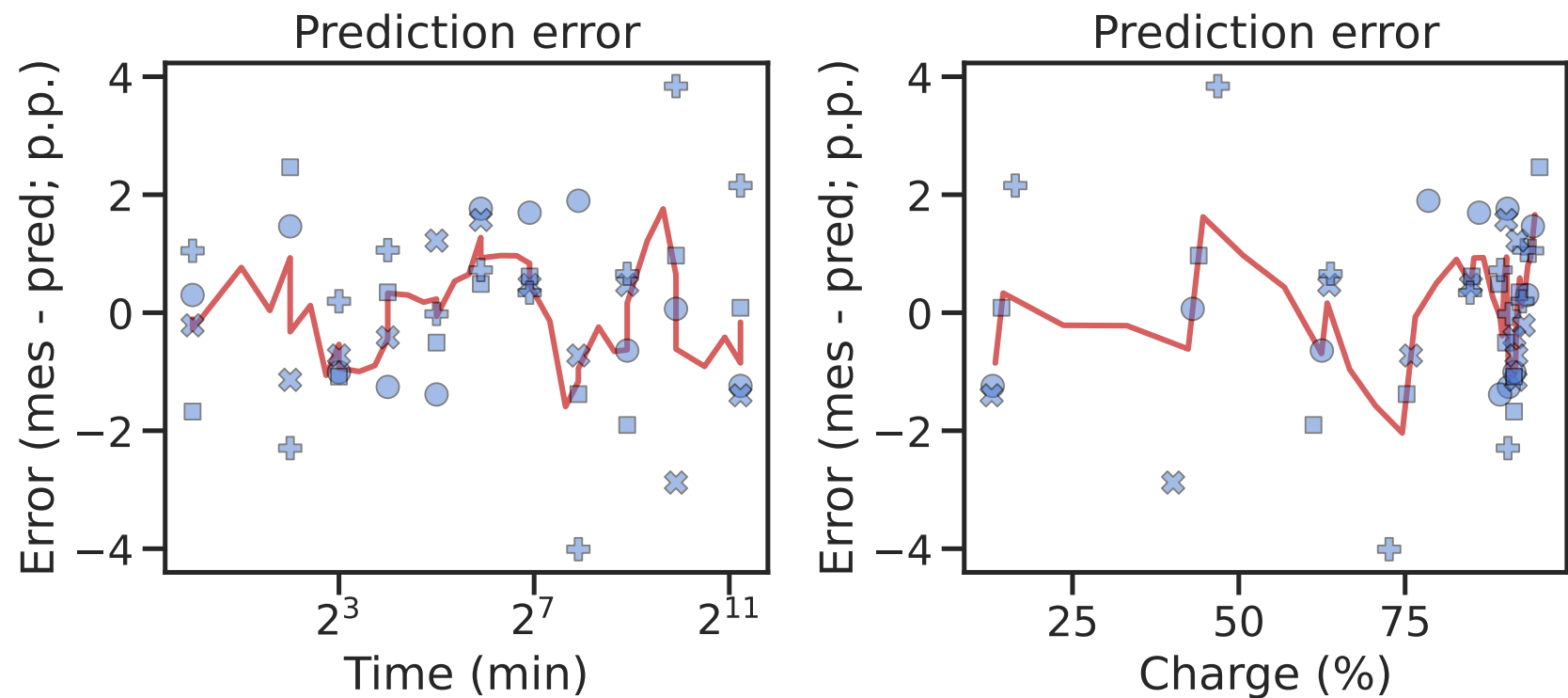
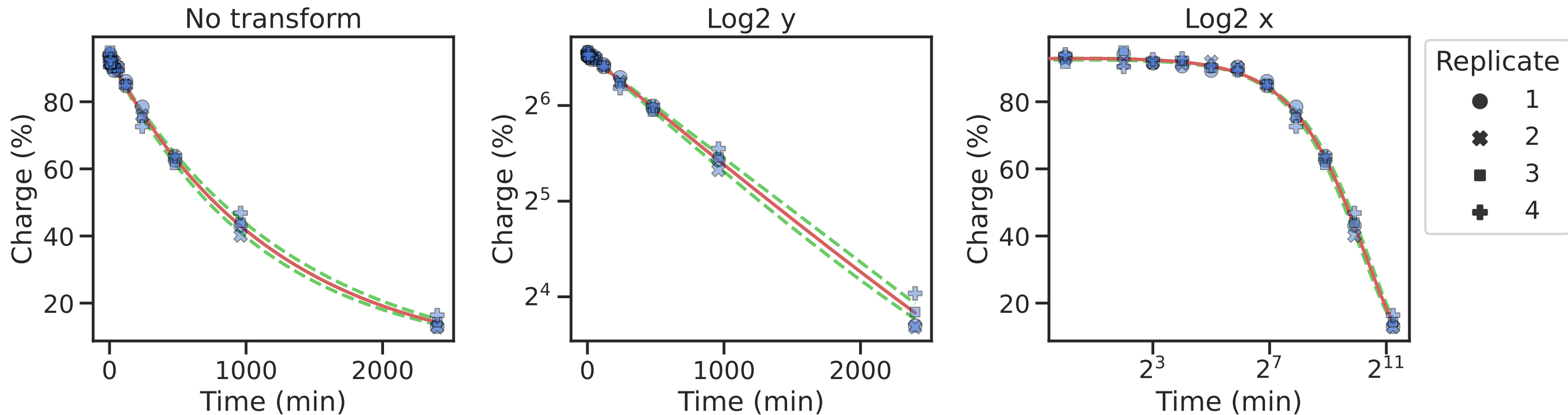
Thr-TGT-1-1 half-life=871 min, 95% CI (823; 886)



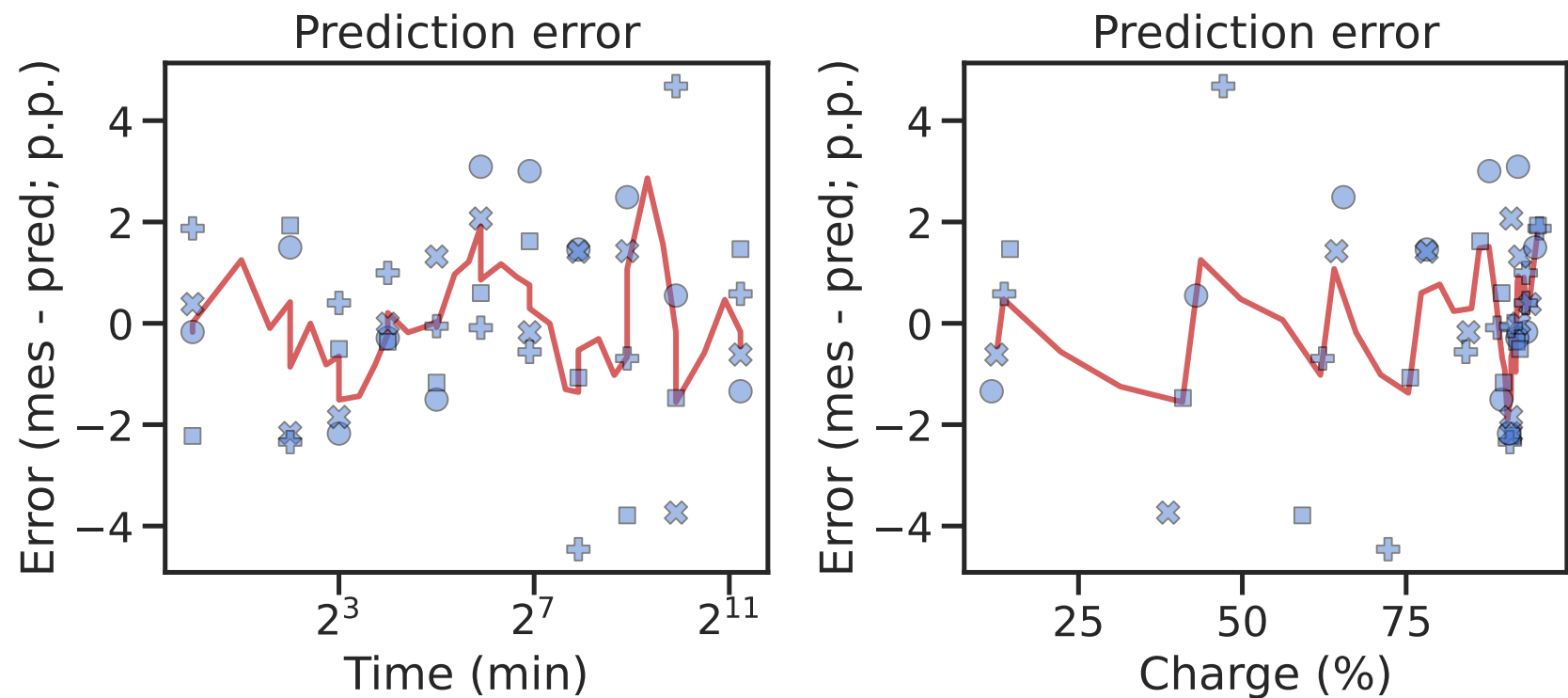
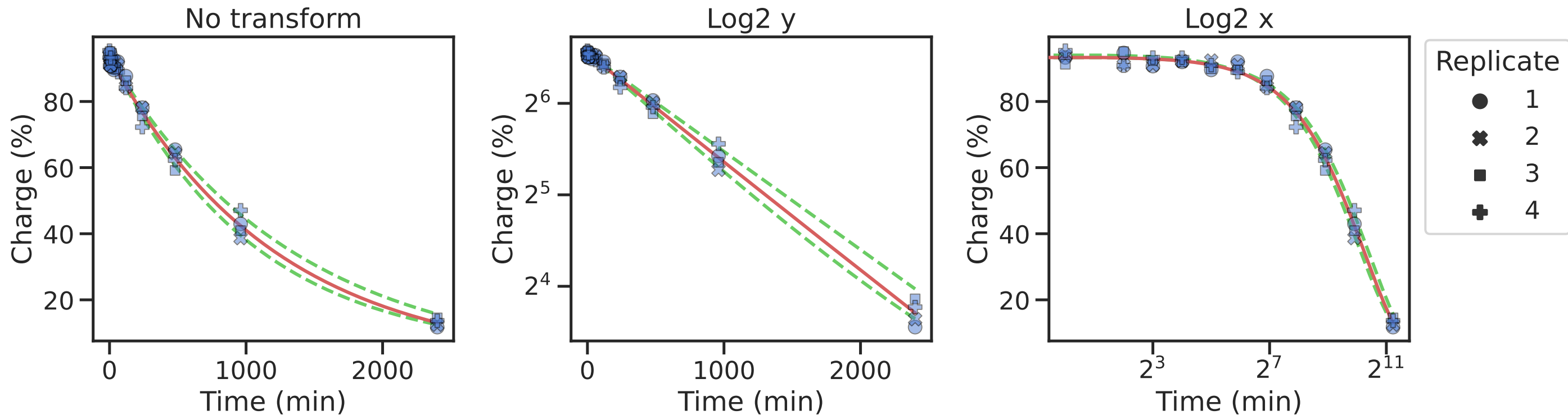
Thr-TGT-2-1 half-life=896 min, 95% CI (812; 983)



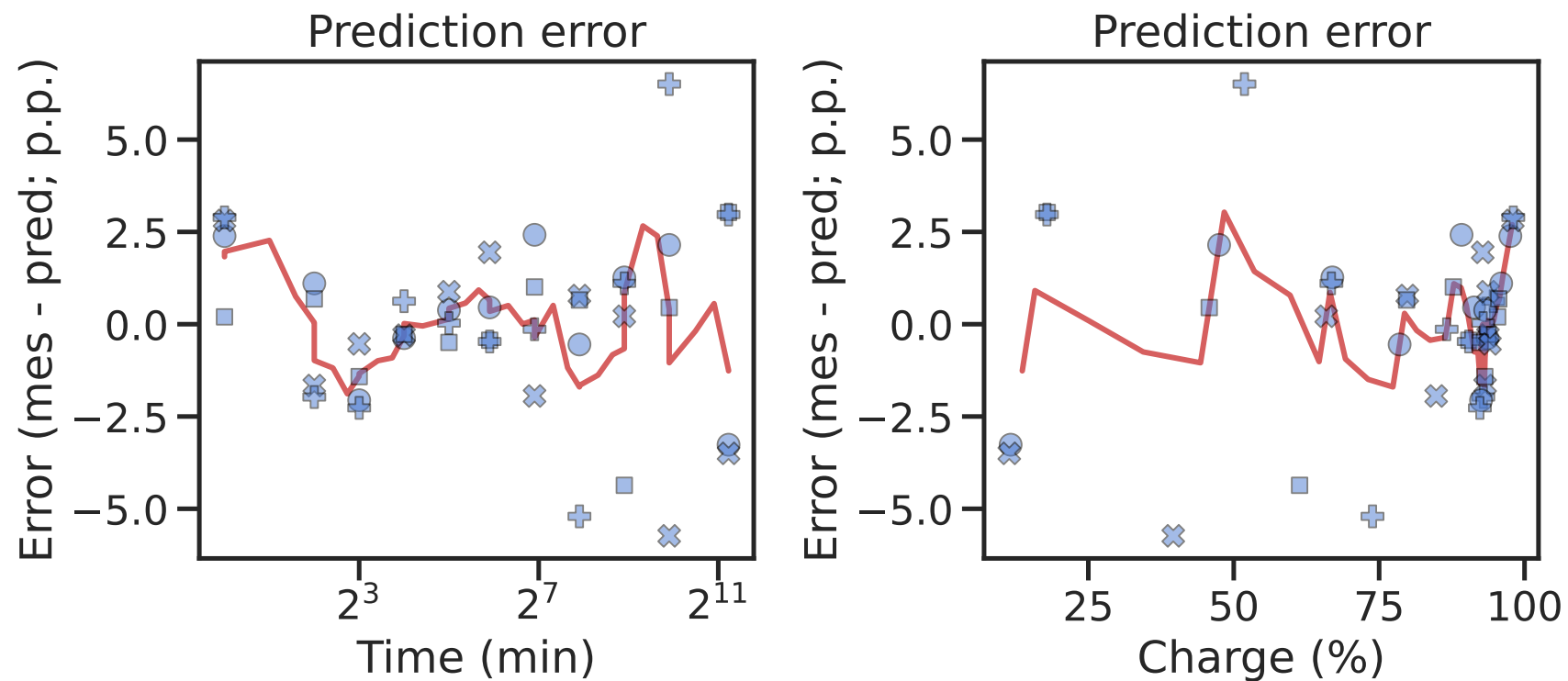
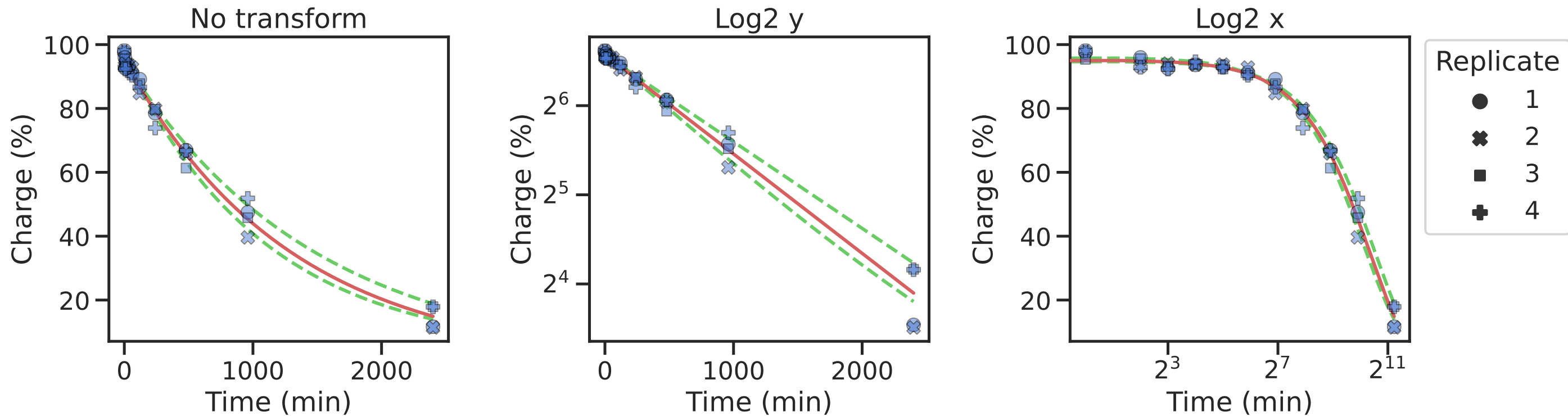
Thr-TGT-3-1 half-life=839 min, 95% CI (763; 921)



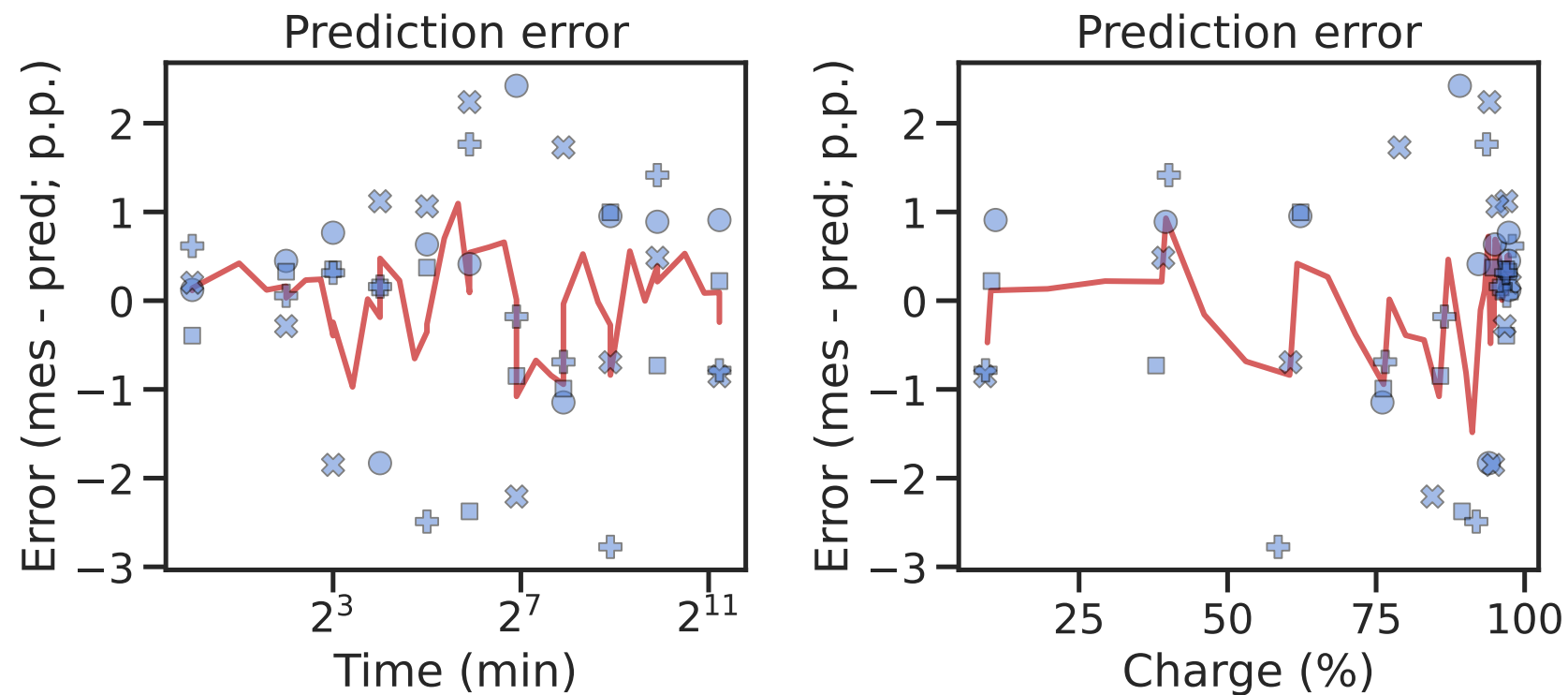
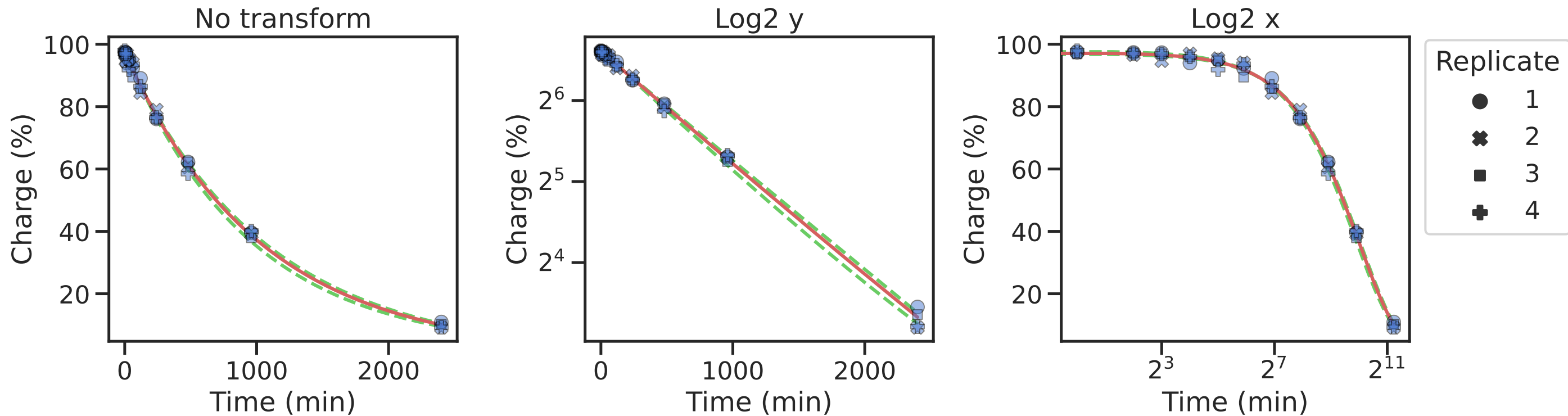
Thr-TGT-4-1 half-life=838 min, 95% CI (720; 932)



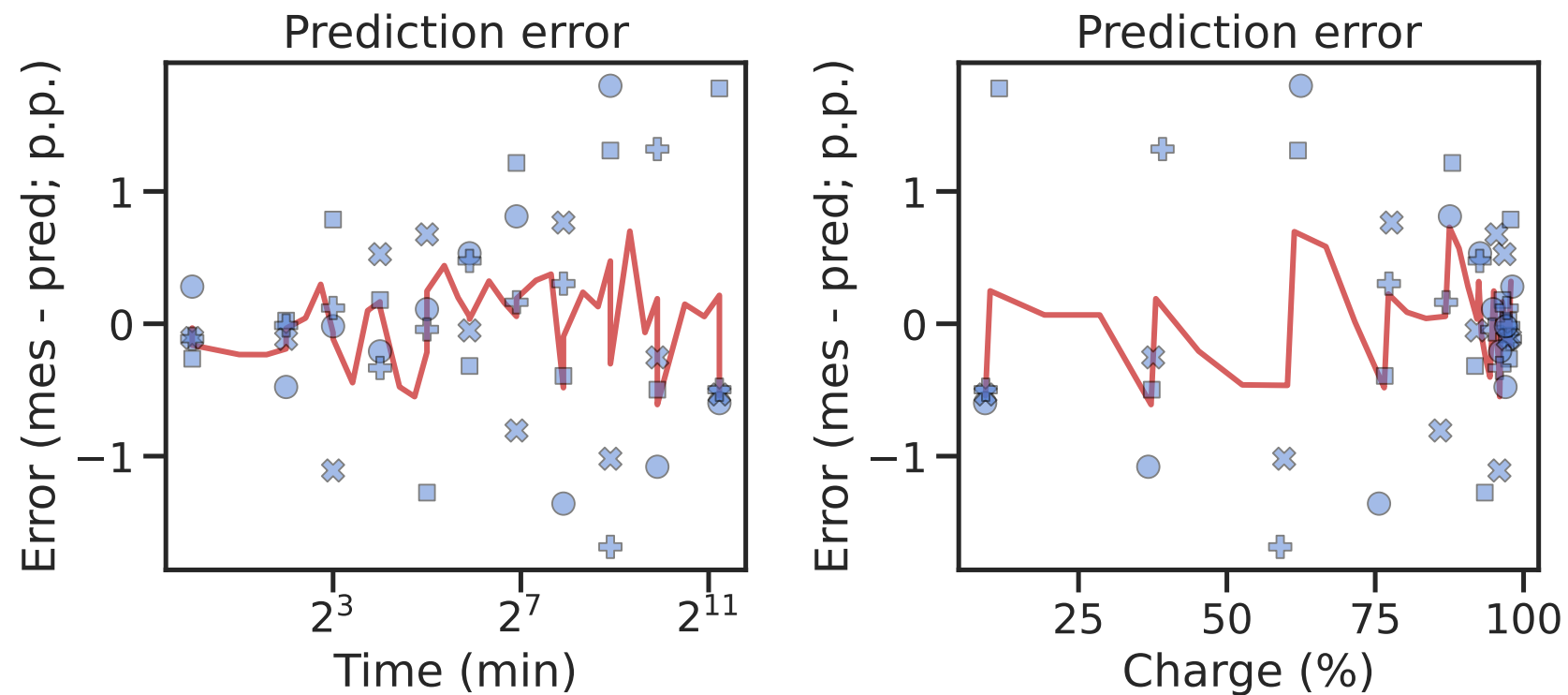
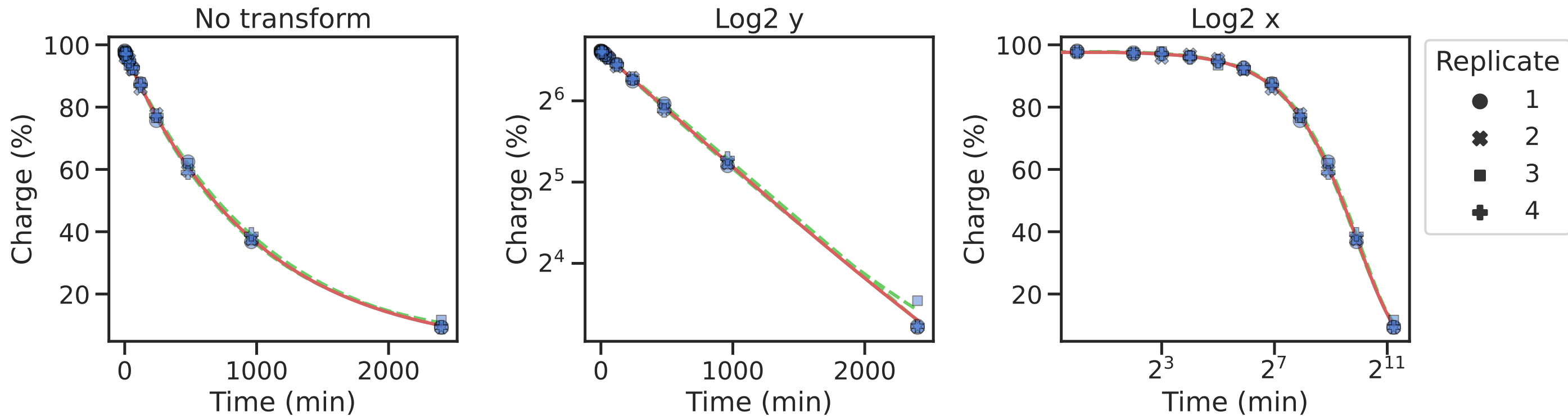
Thr-TGT-5-1 half-life=897 min, 95% CI (763; 1029)



Trp-CCA-1-1 half-life=714 min, 95% CI (656; 746)

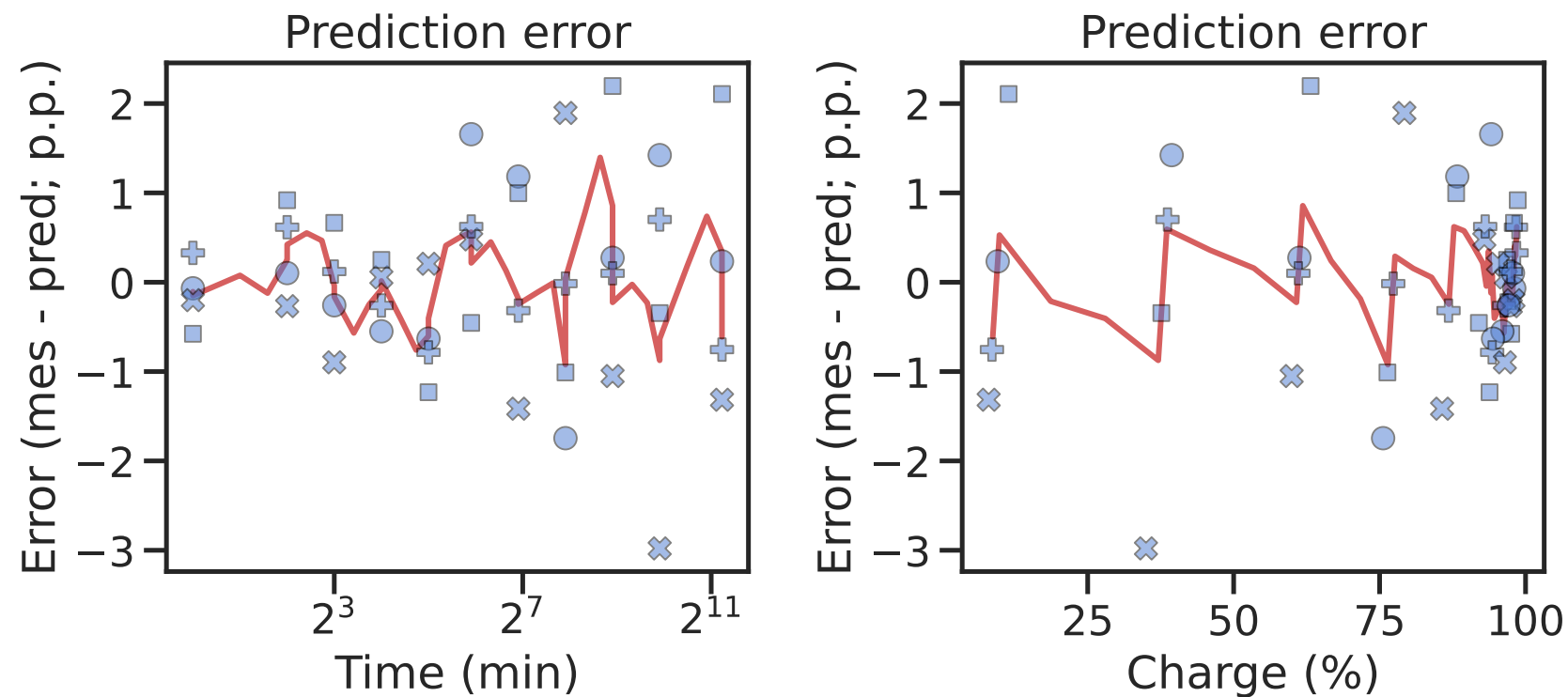
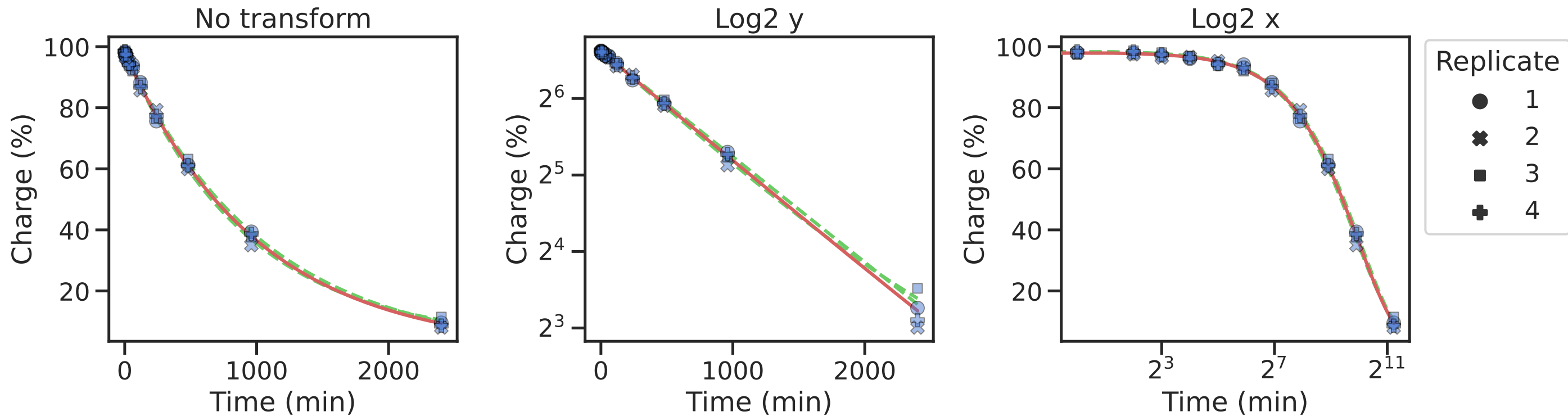


Trp-CCA-2-1 half-life=684 min, 95% CI (647; 724)

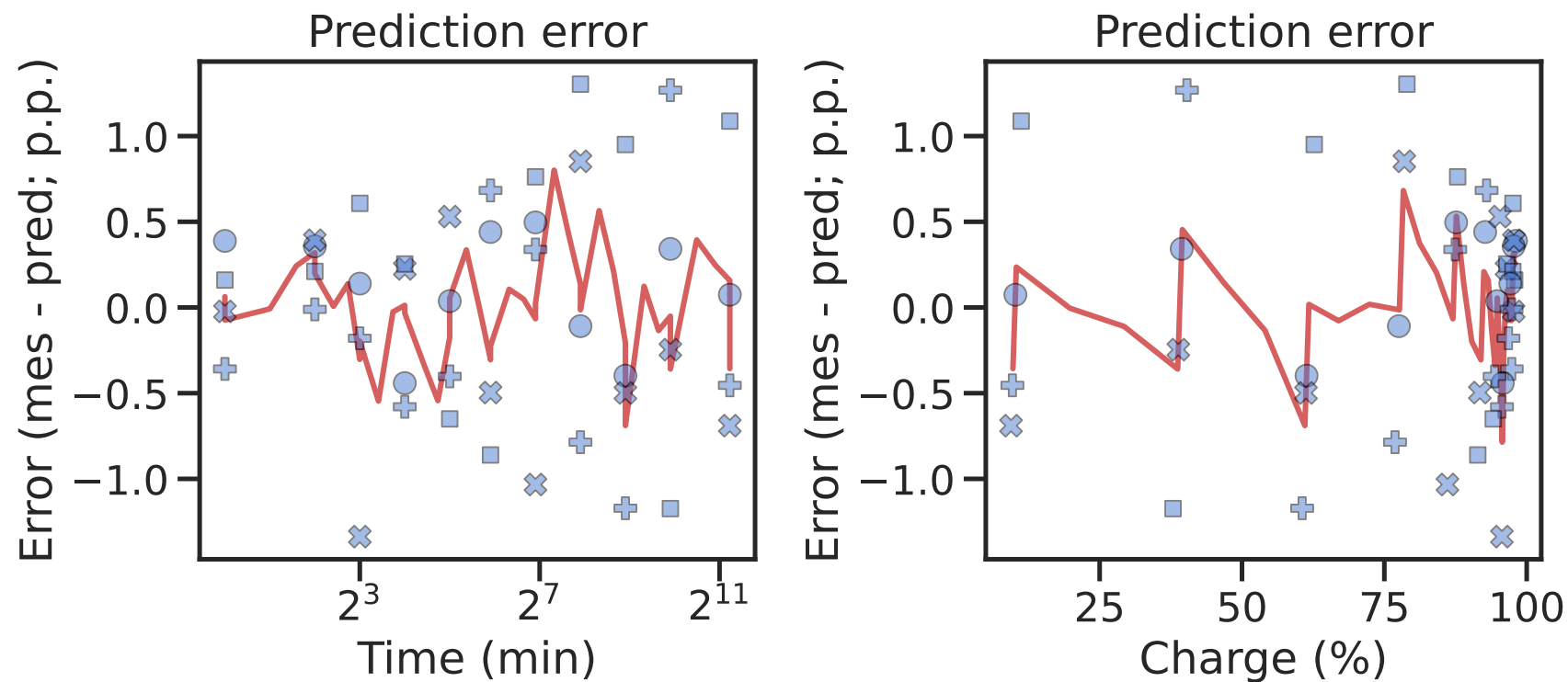
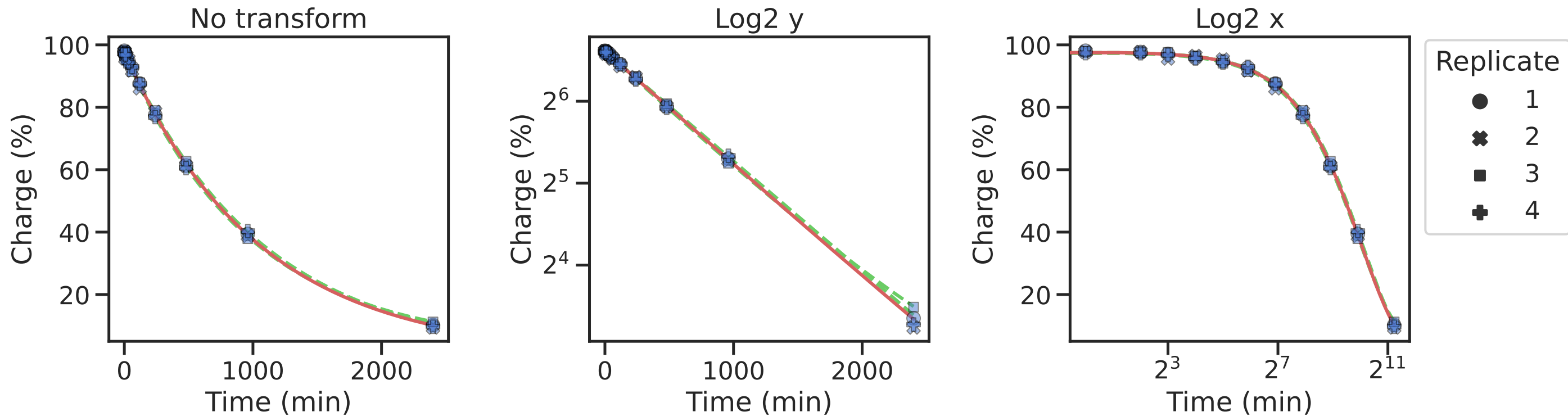




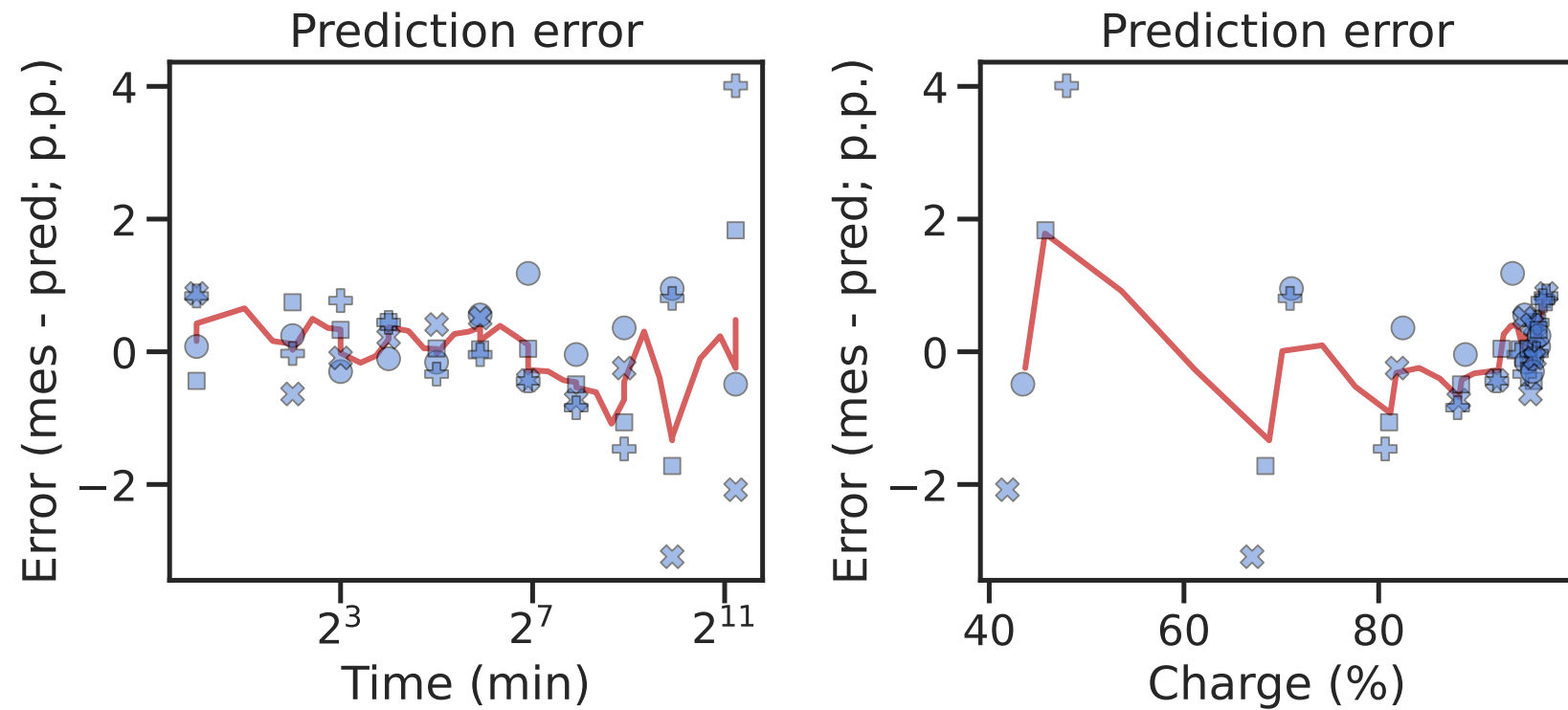
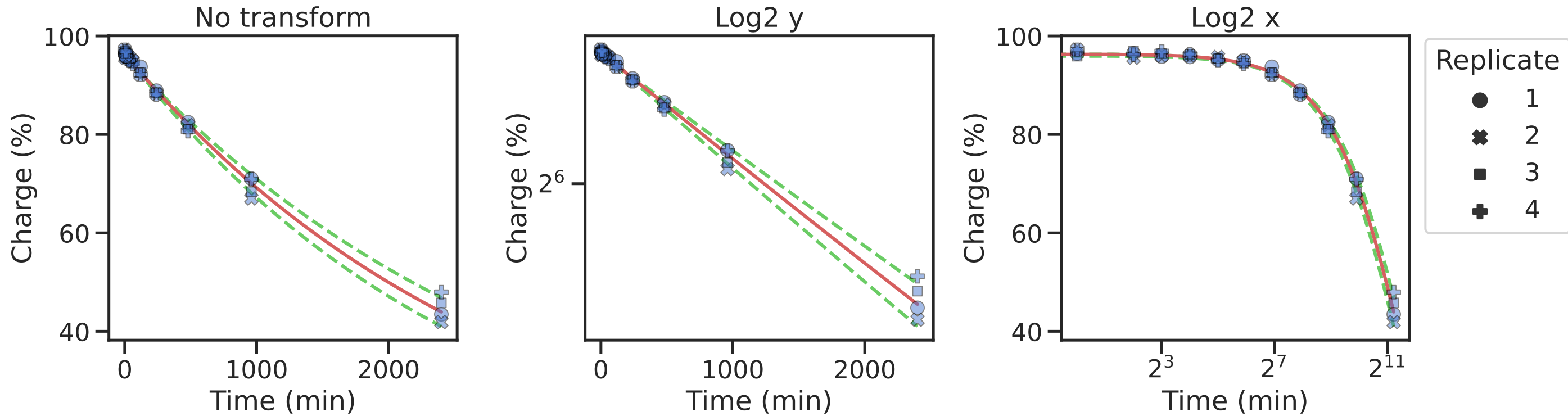
Trp-CCA-3-3 half-life=696 min, 95% CI (636; 726)



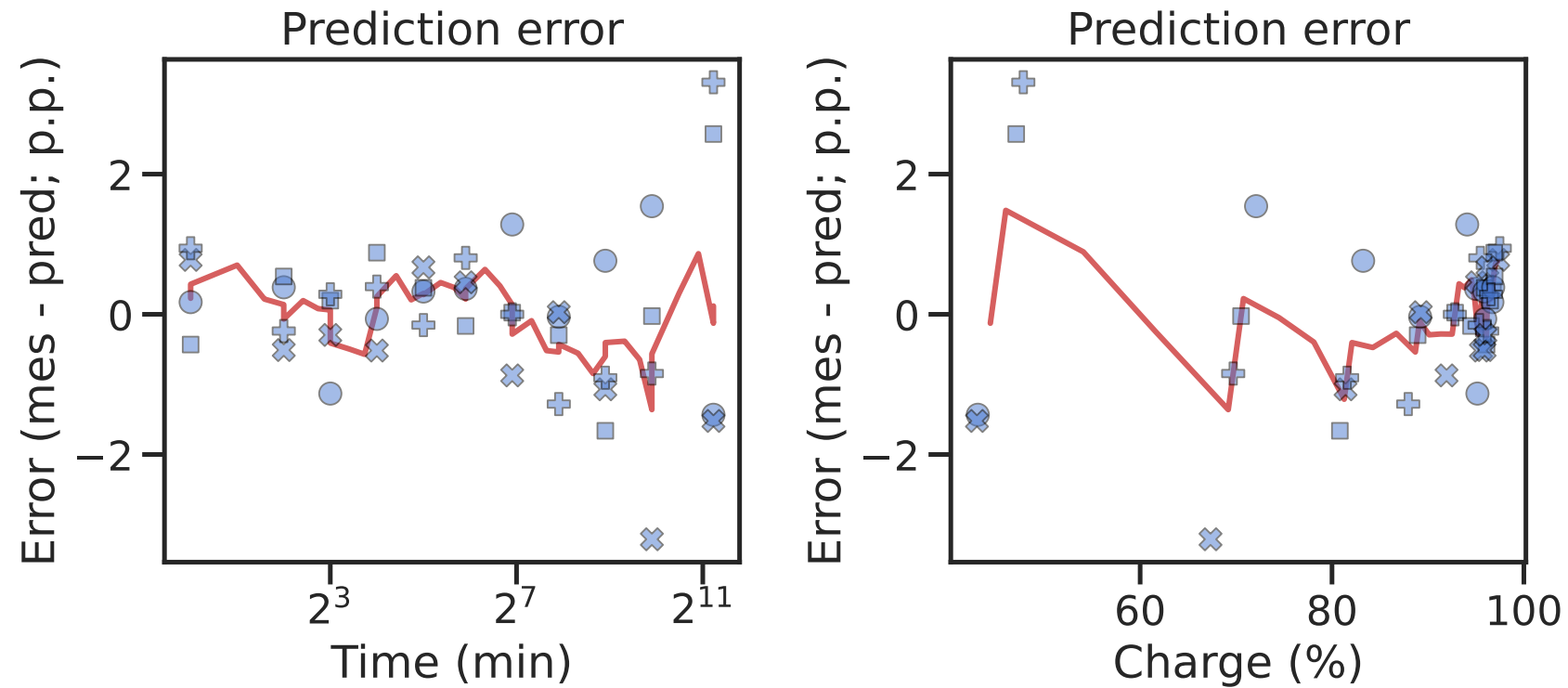
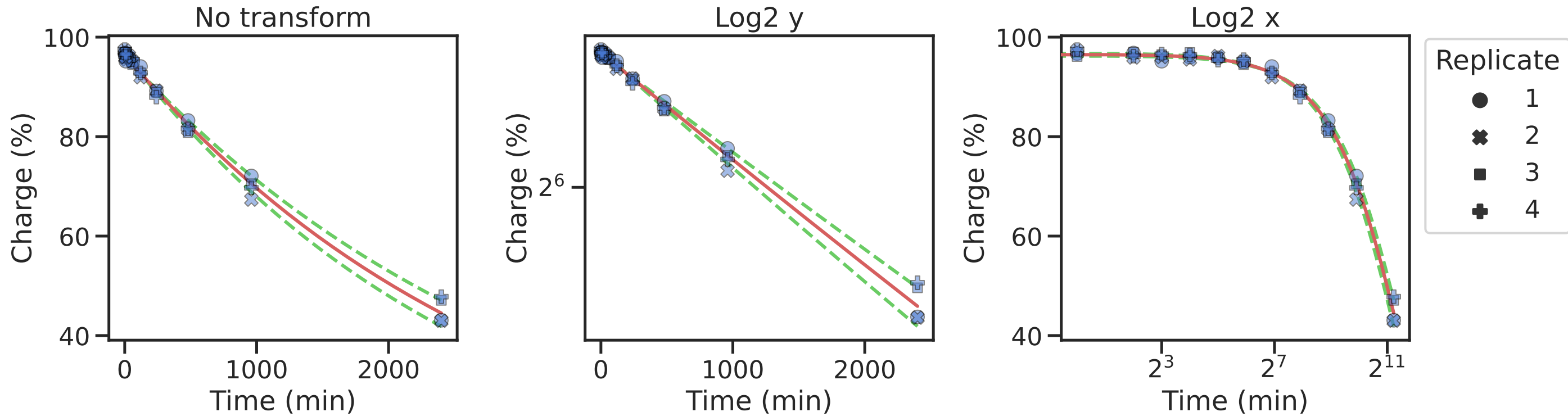
Trp-CCA-4-1 half-life=720 min, 95% CI (679; 745)



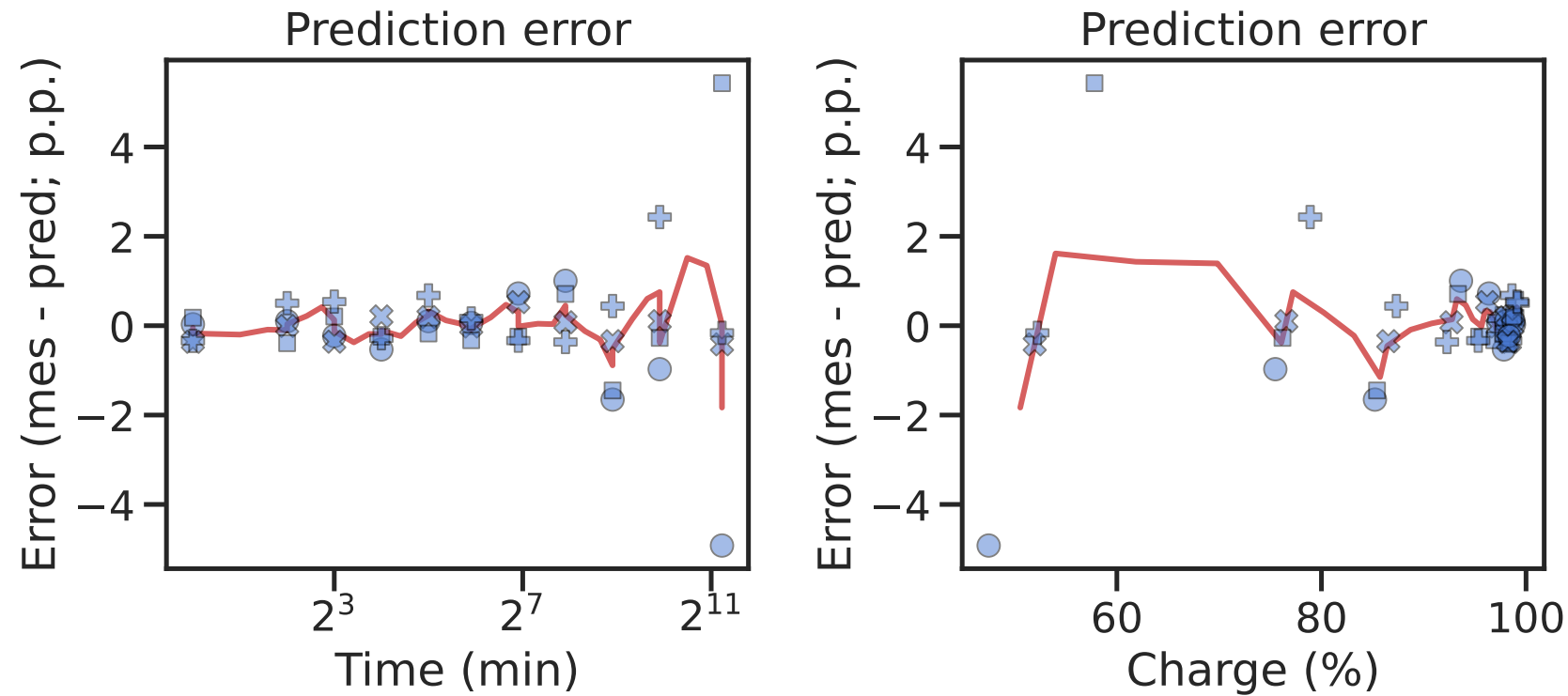
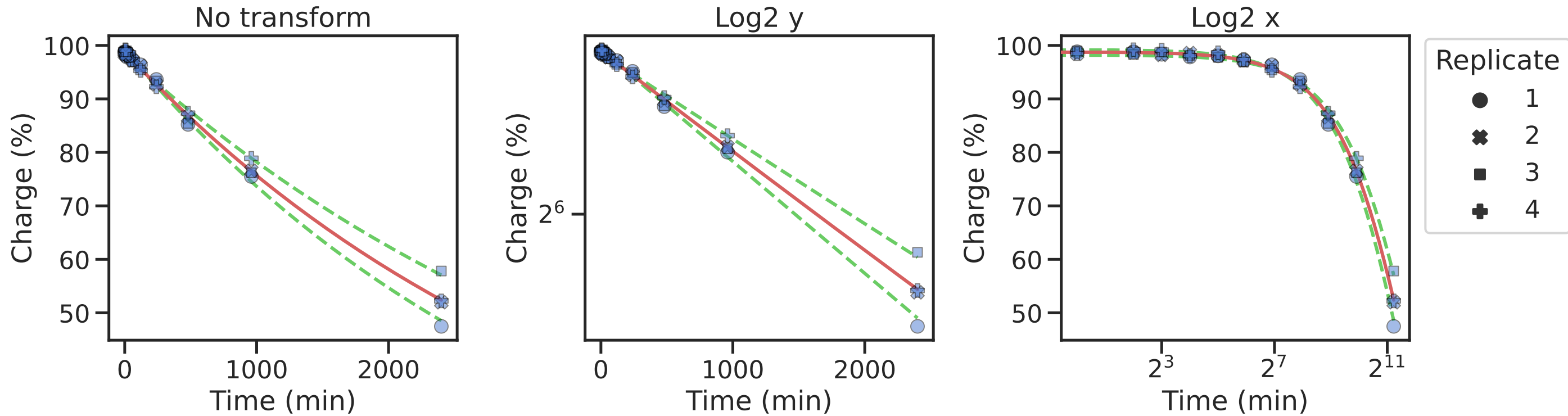
Val-AAC-1-1 half-life=2002 min, 95% CI (1835; 2195)



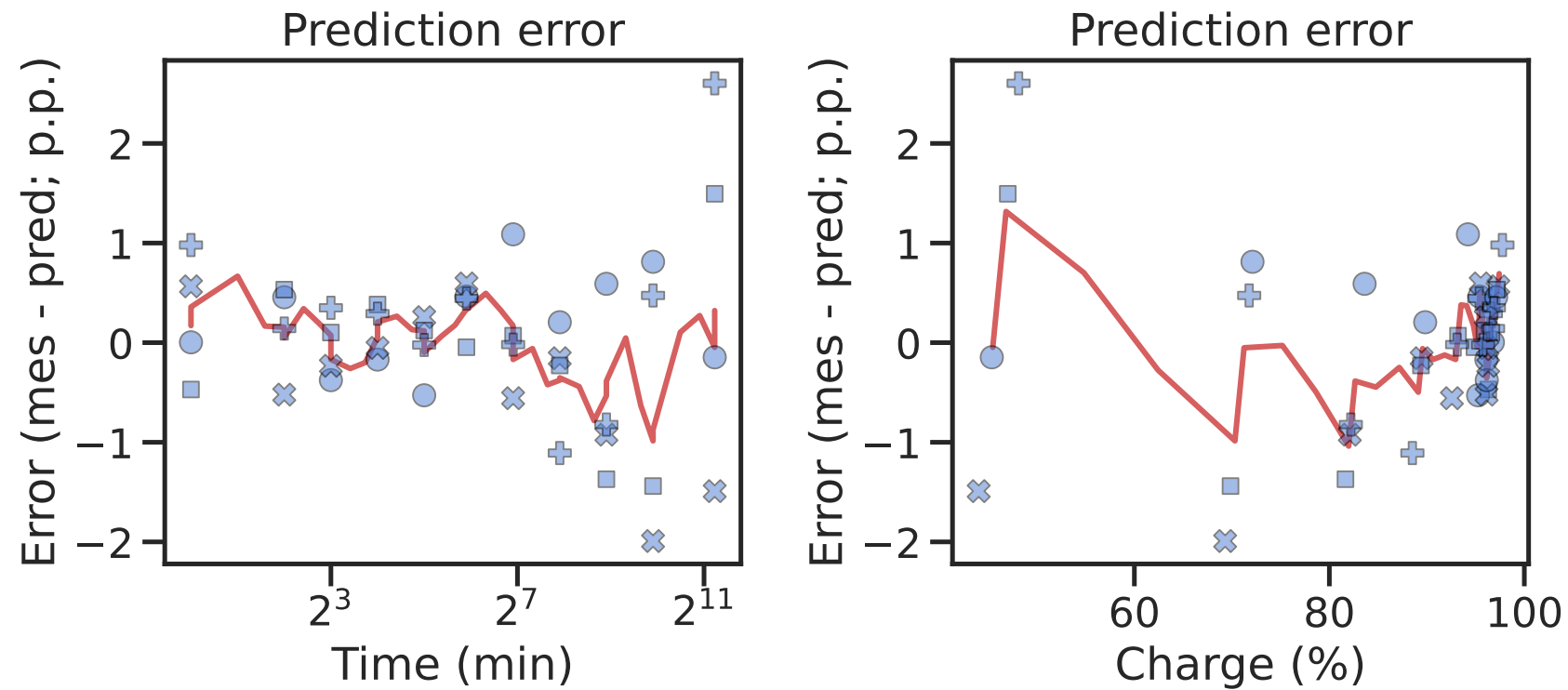
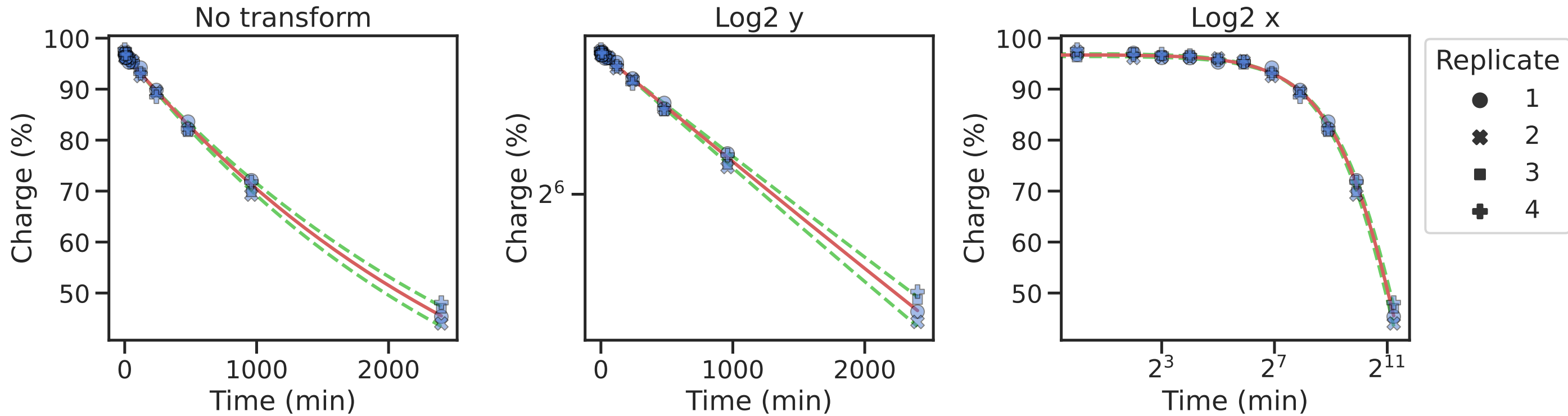
Val-AAC-2-1 half-life=2031 min, 95% CI (1872; 2205)



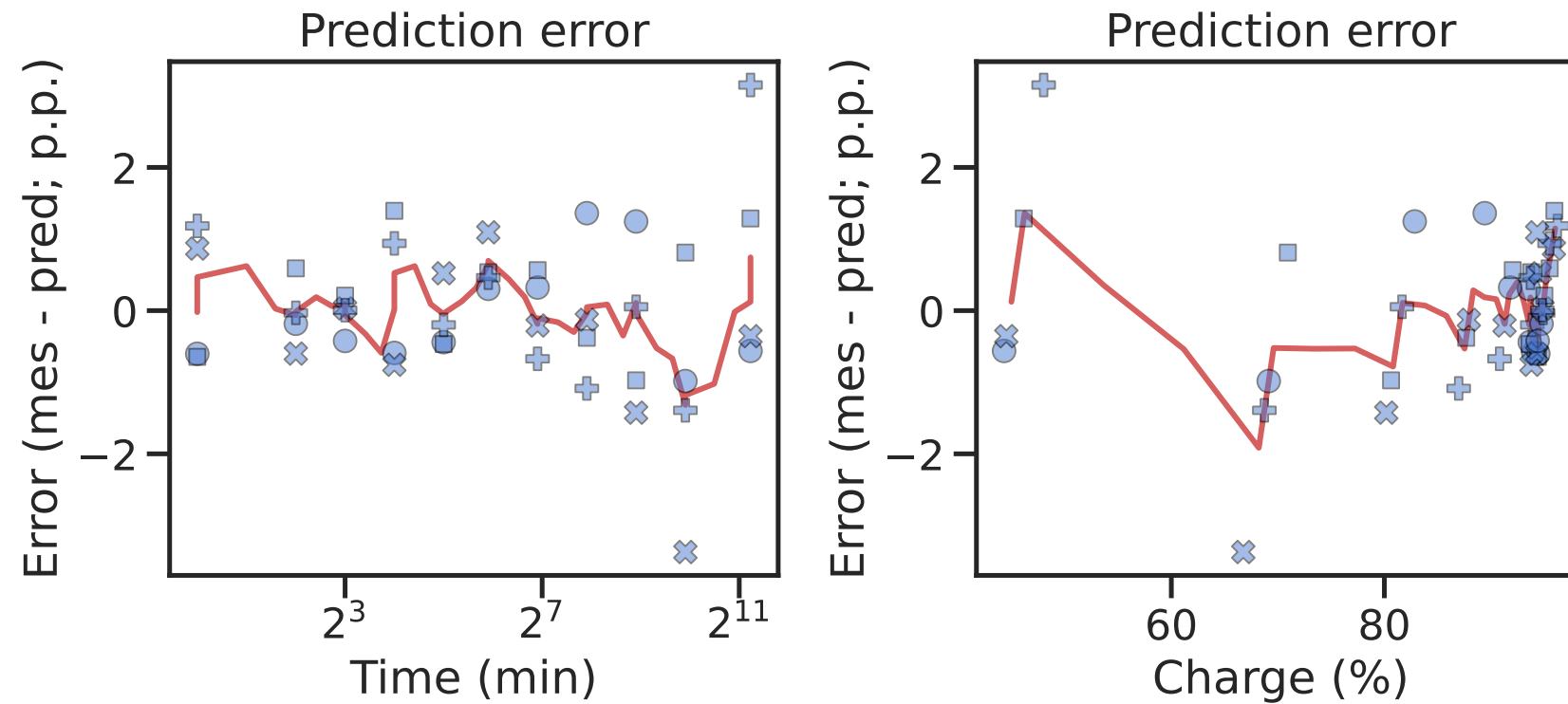
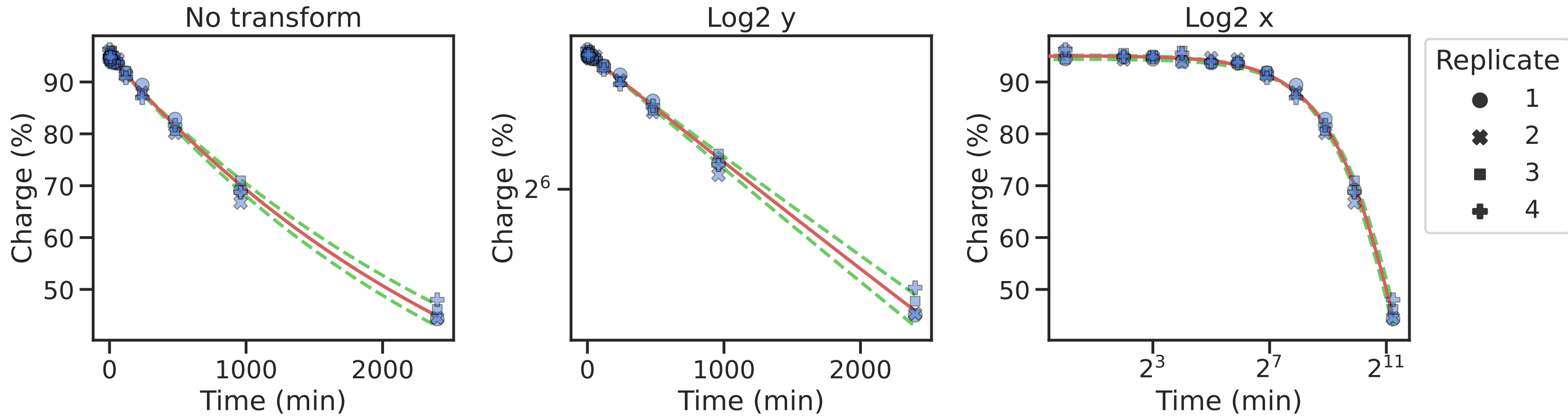
Val-AAC-3-1 half-life=2493 min, 95% CI (2326; 2917)



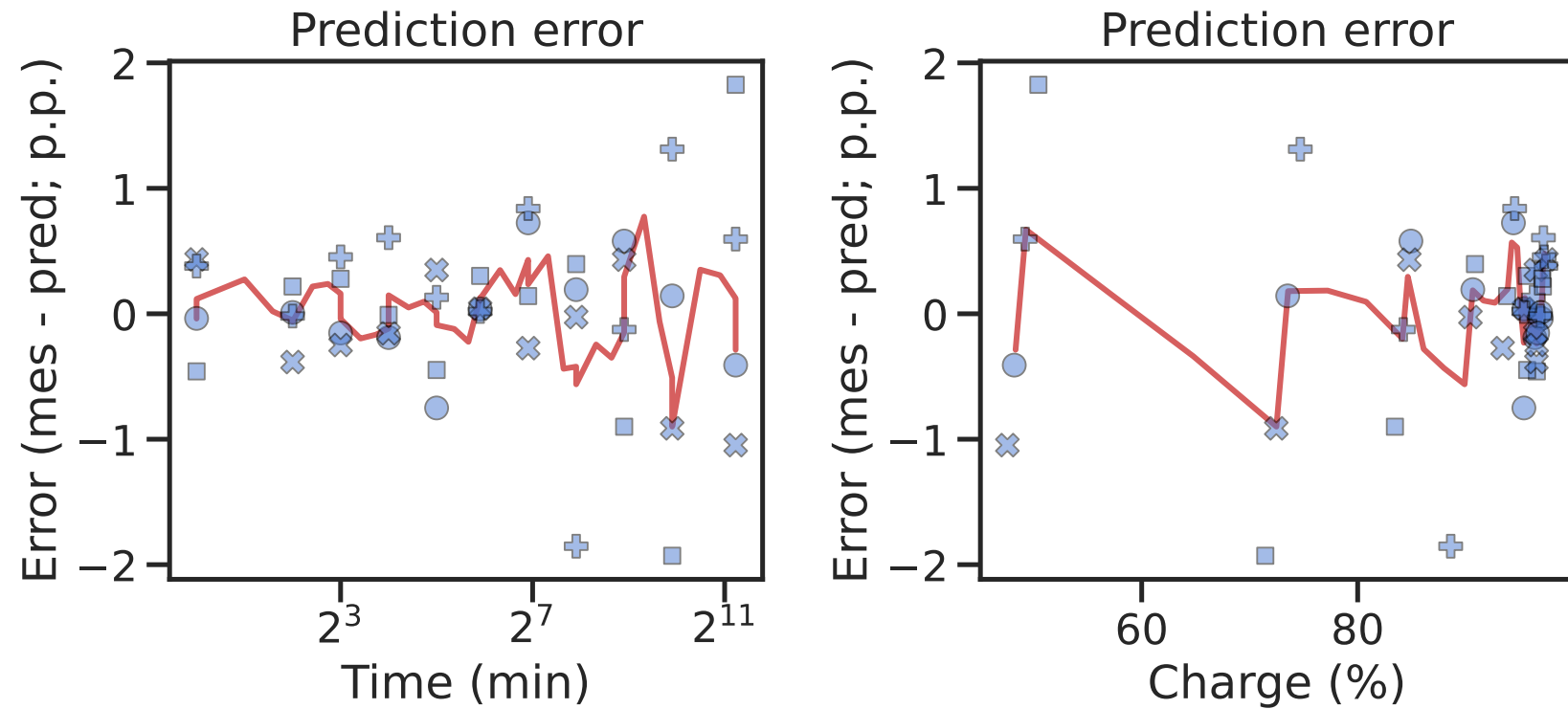
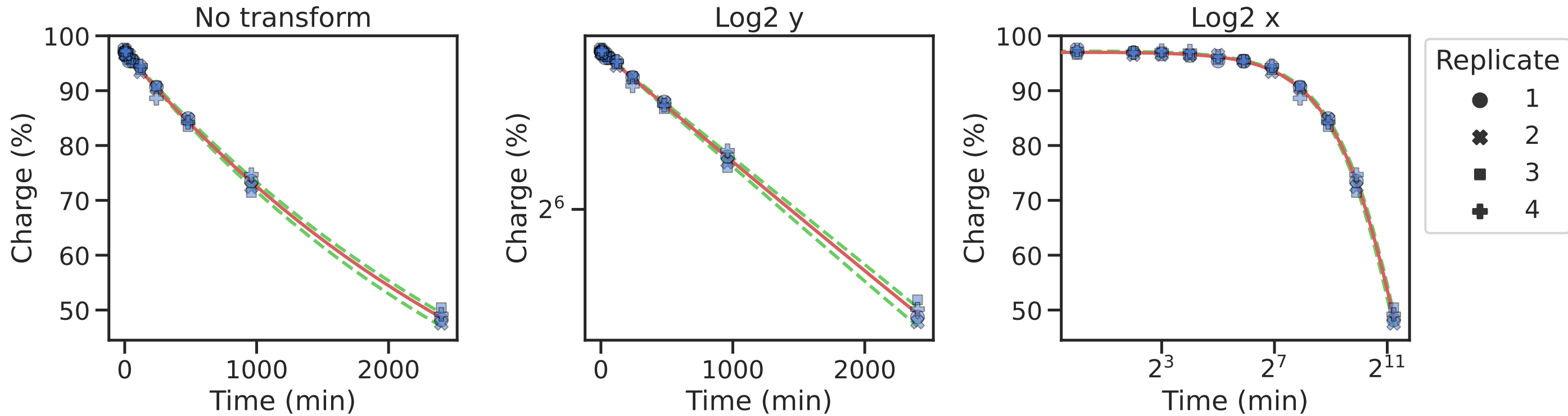
Val-CAC-1-8 half-life=2086 min, 95% CI (1957; 2216)



Val-CAC-2-1 half-life=2094 min, 95% CI (1967; 2258)

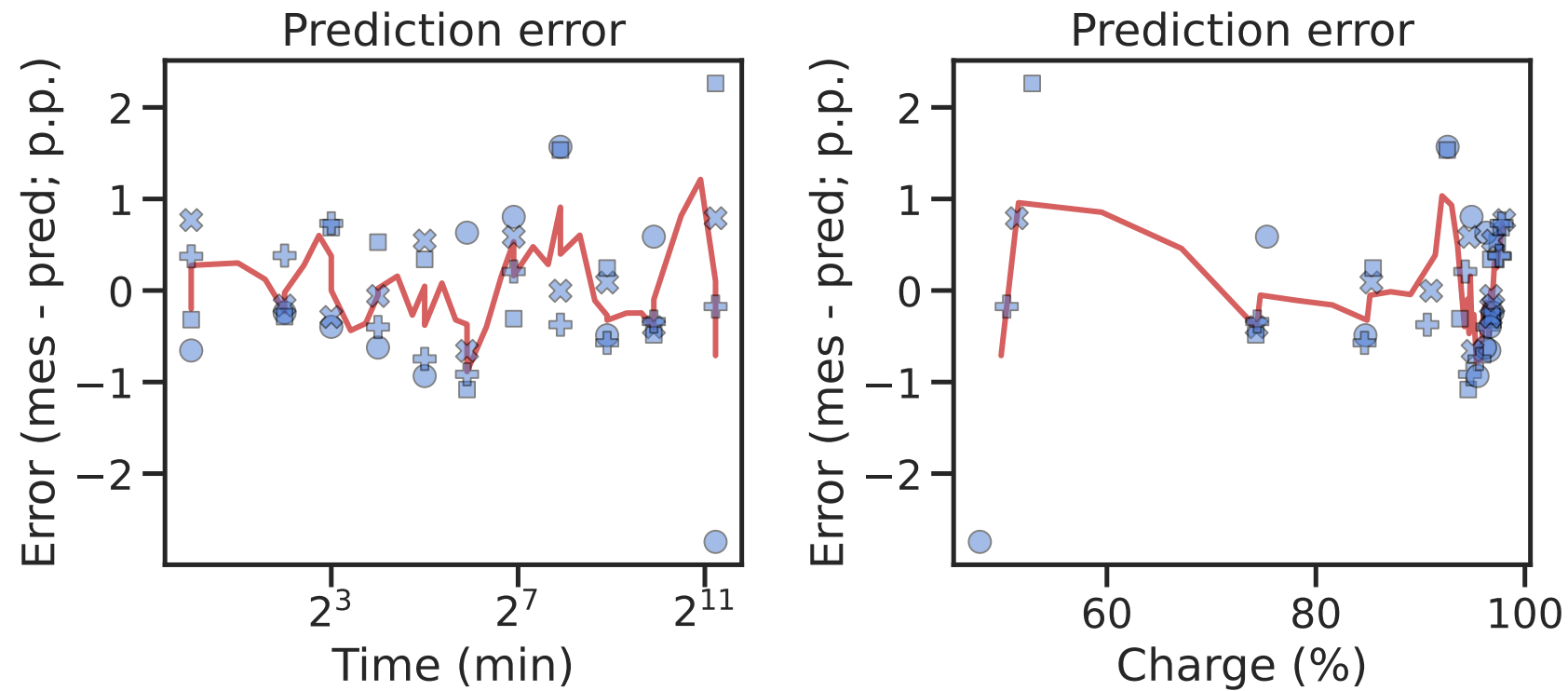
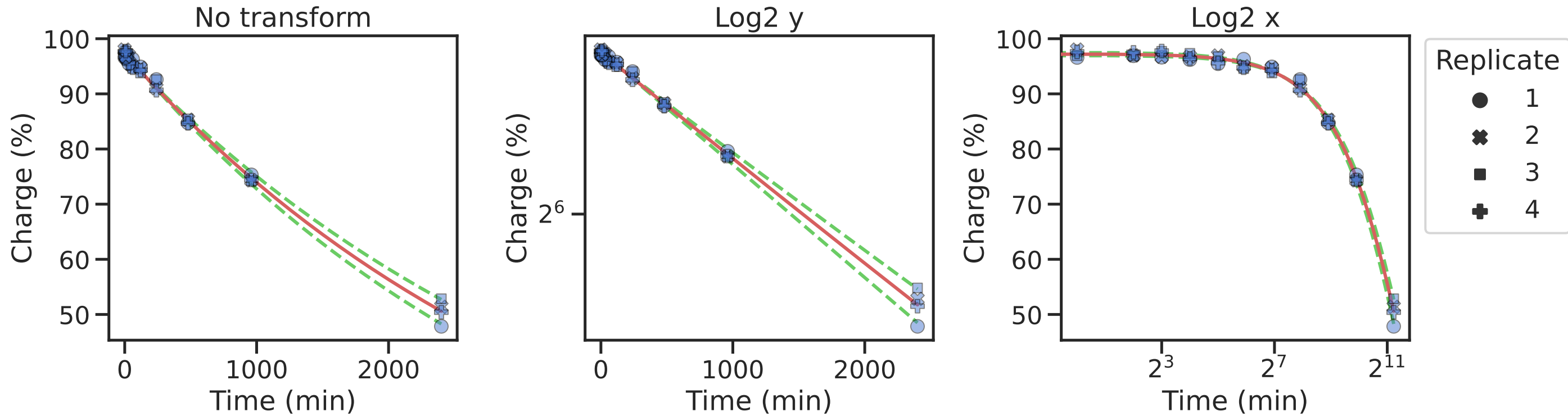


Val-CAC-3-1 half-life=2281 min, 95% CI (2168; 2463)

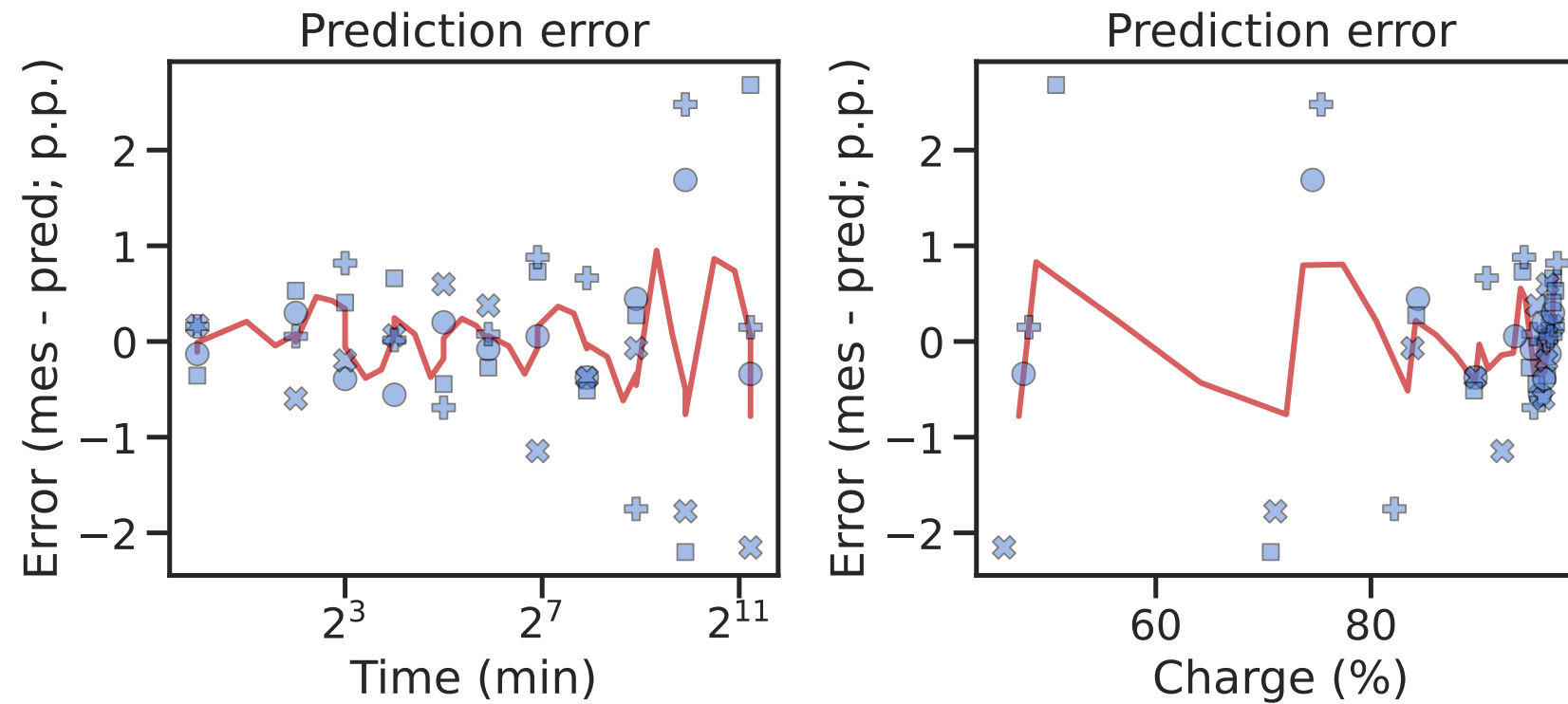
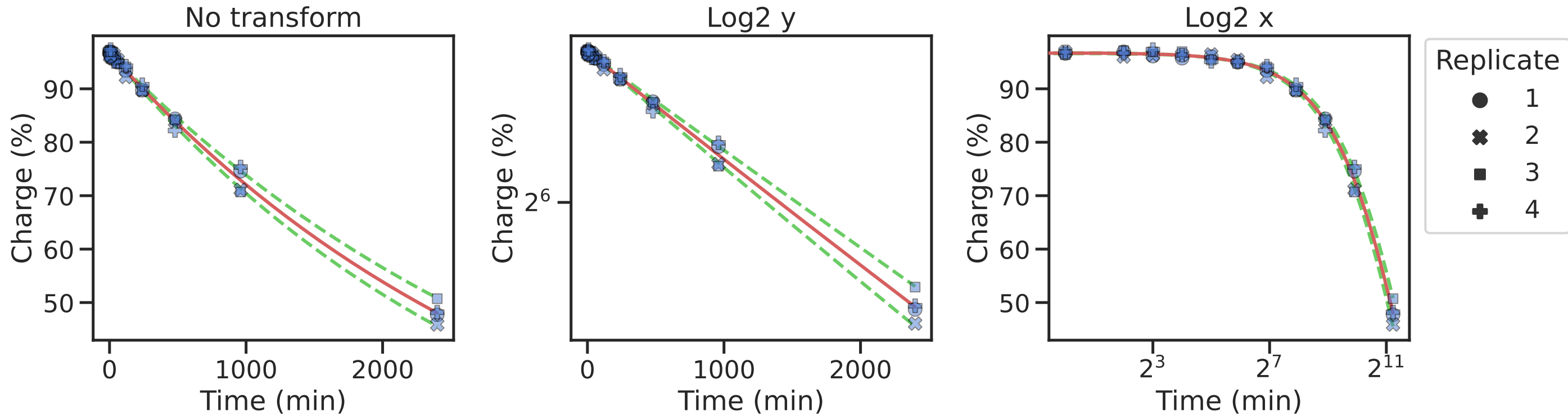




Val-CAC-4-1 half-life=2449 min, 95% CI (2366; 2592)



Val-TAC-1-1 half-life=2252 min, 95% CI (2087; 2509)



Val-TAC-2-1 half-life=2357 min, 95% CI (2157; 2609)

