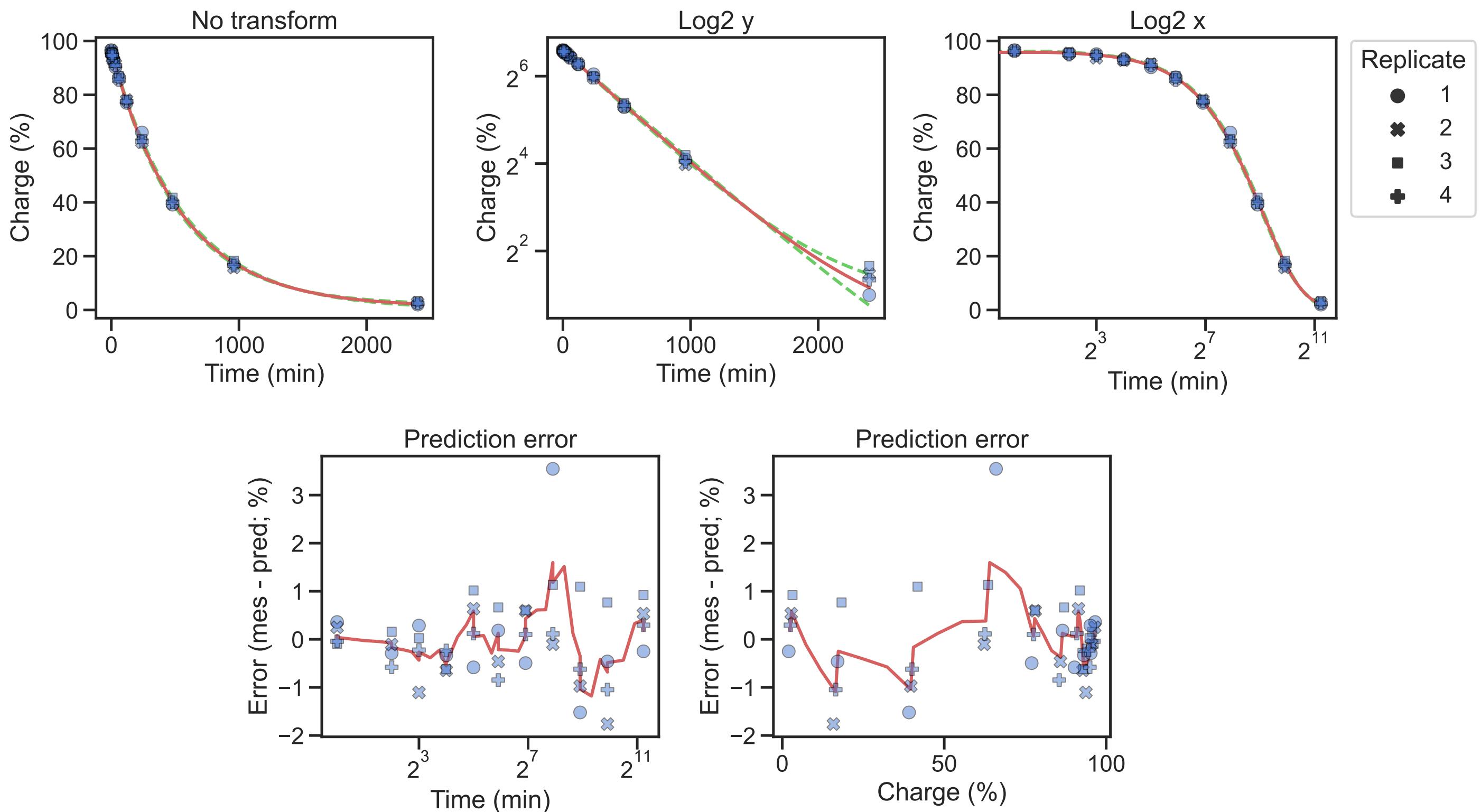
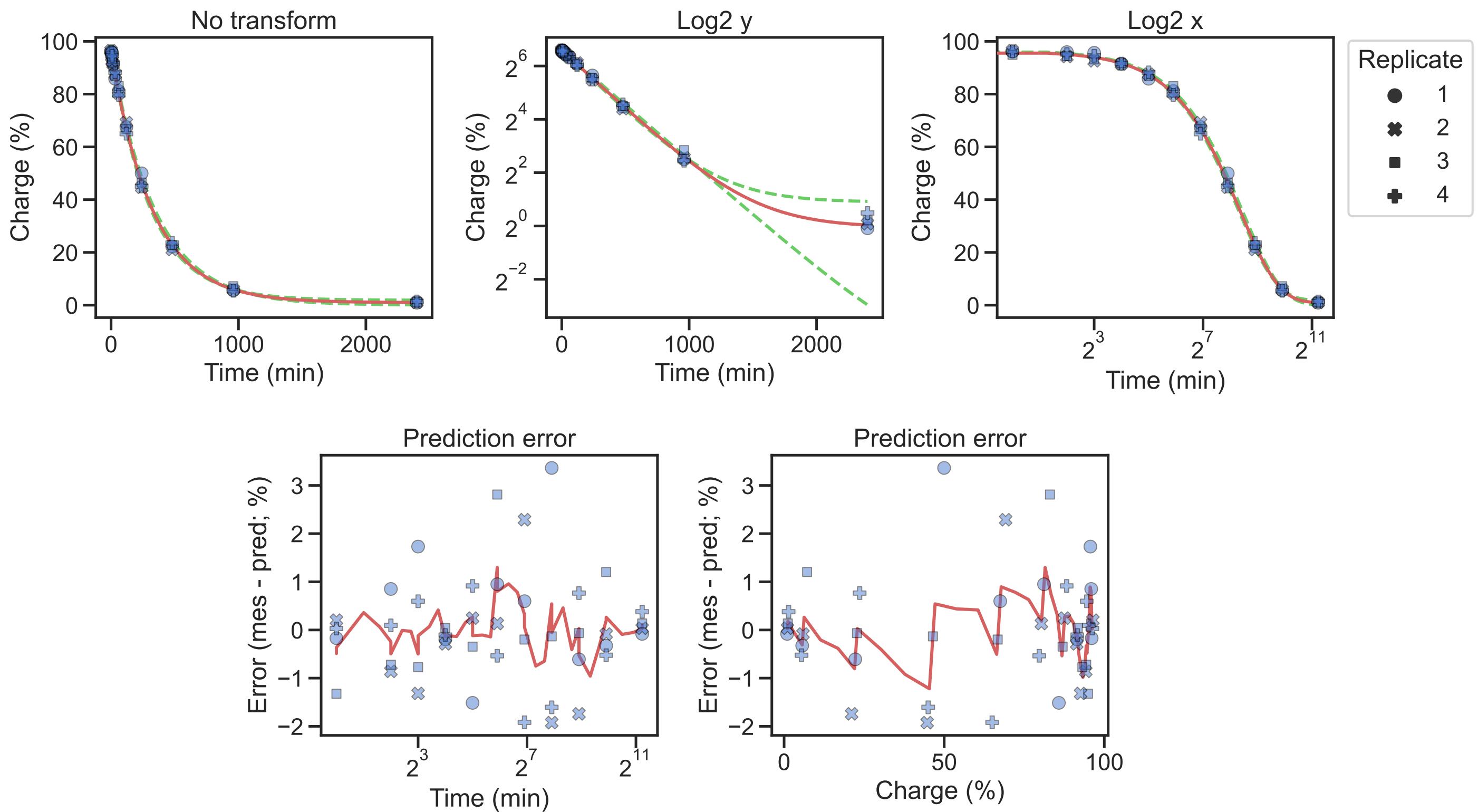


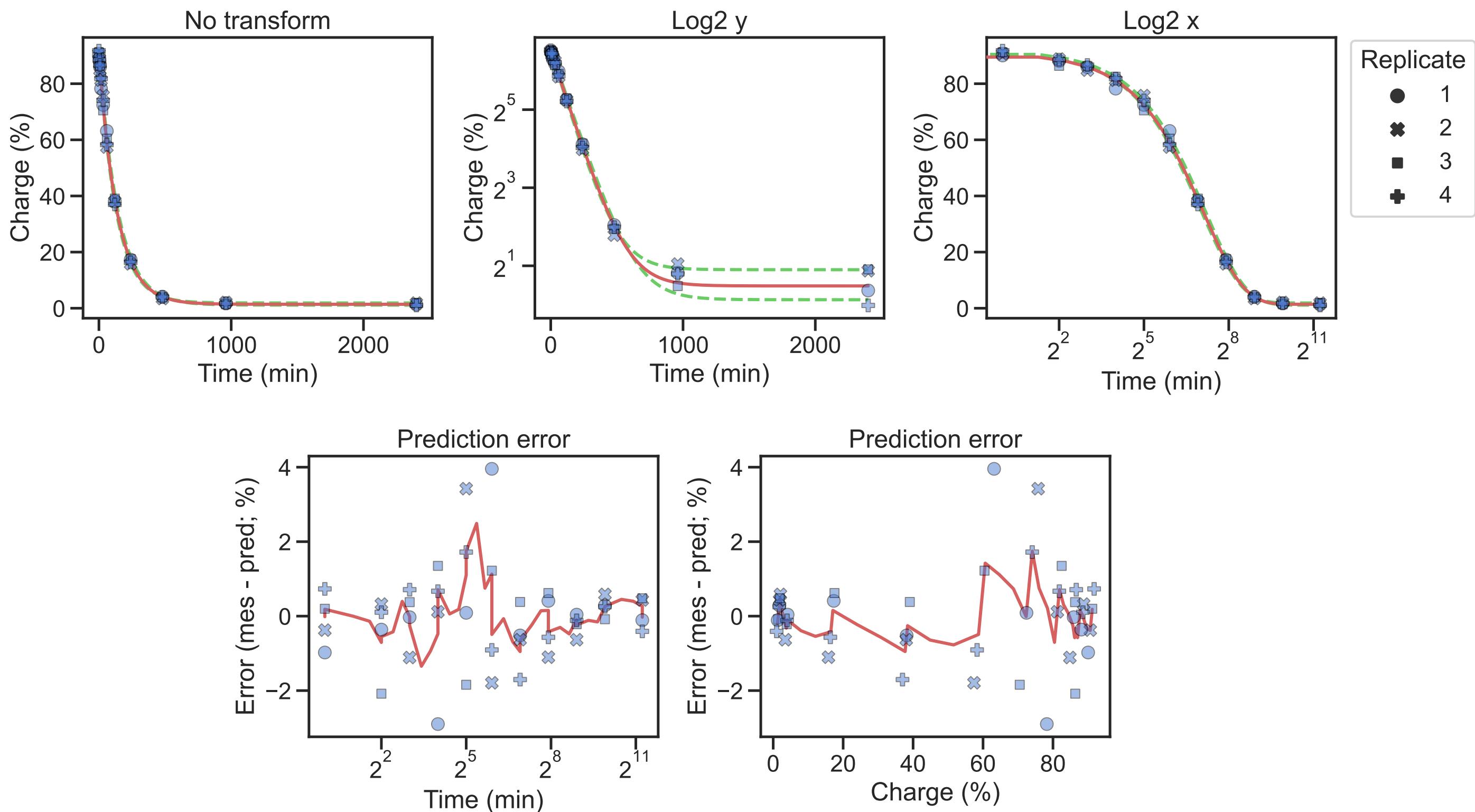
mito-Ala-TGC half-life=380 min, 95% CI (364; 396)



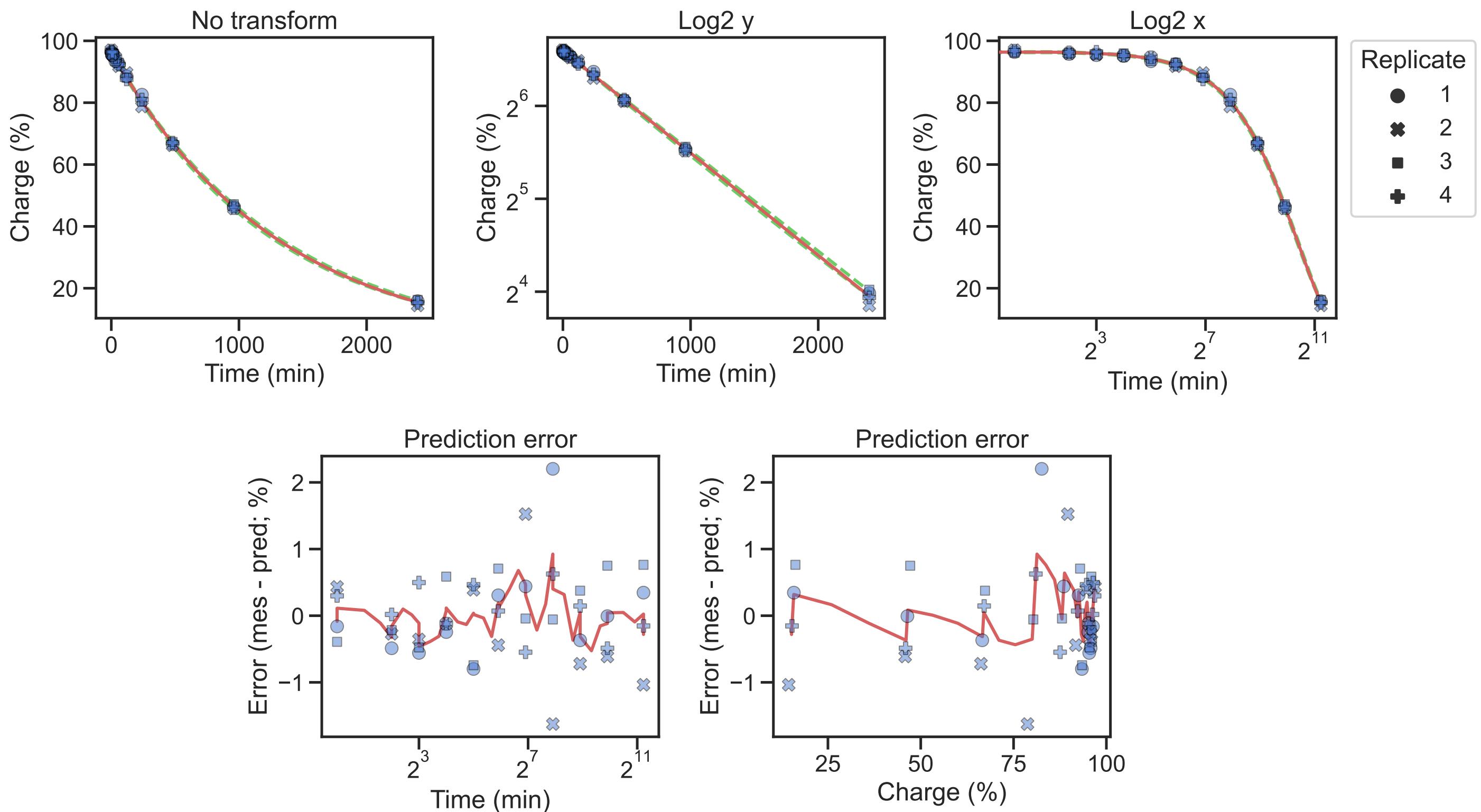
mito-Arg-TCG half-life=226 min, 95% CI (213; 243)



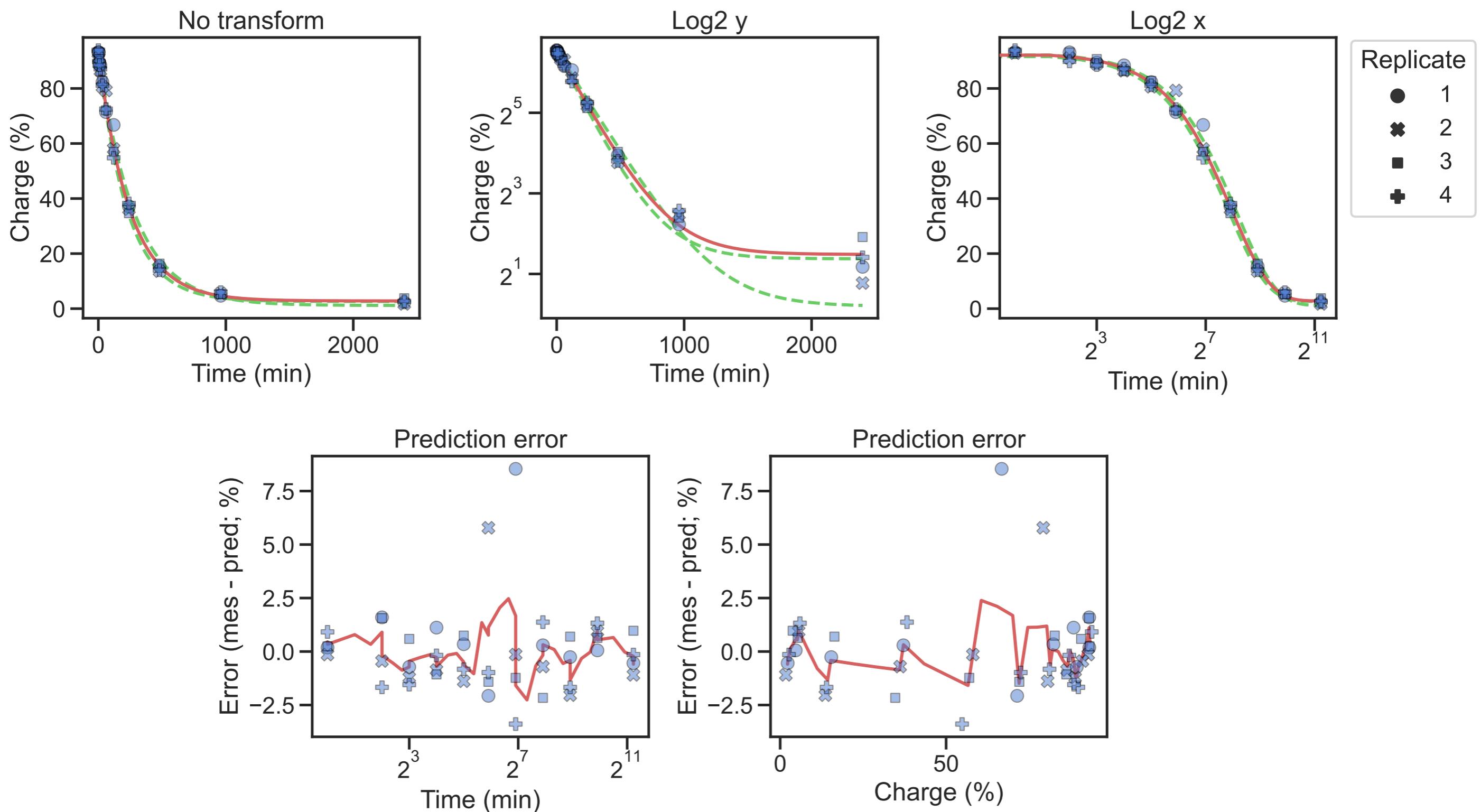
mito-Asn-GTT half-life=95 min, 95% CI (90; 100)



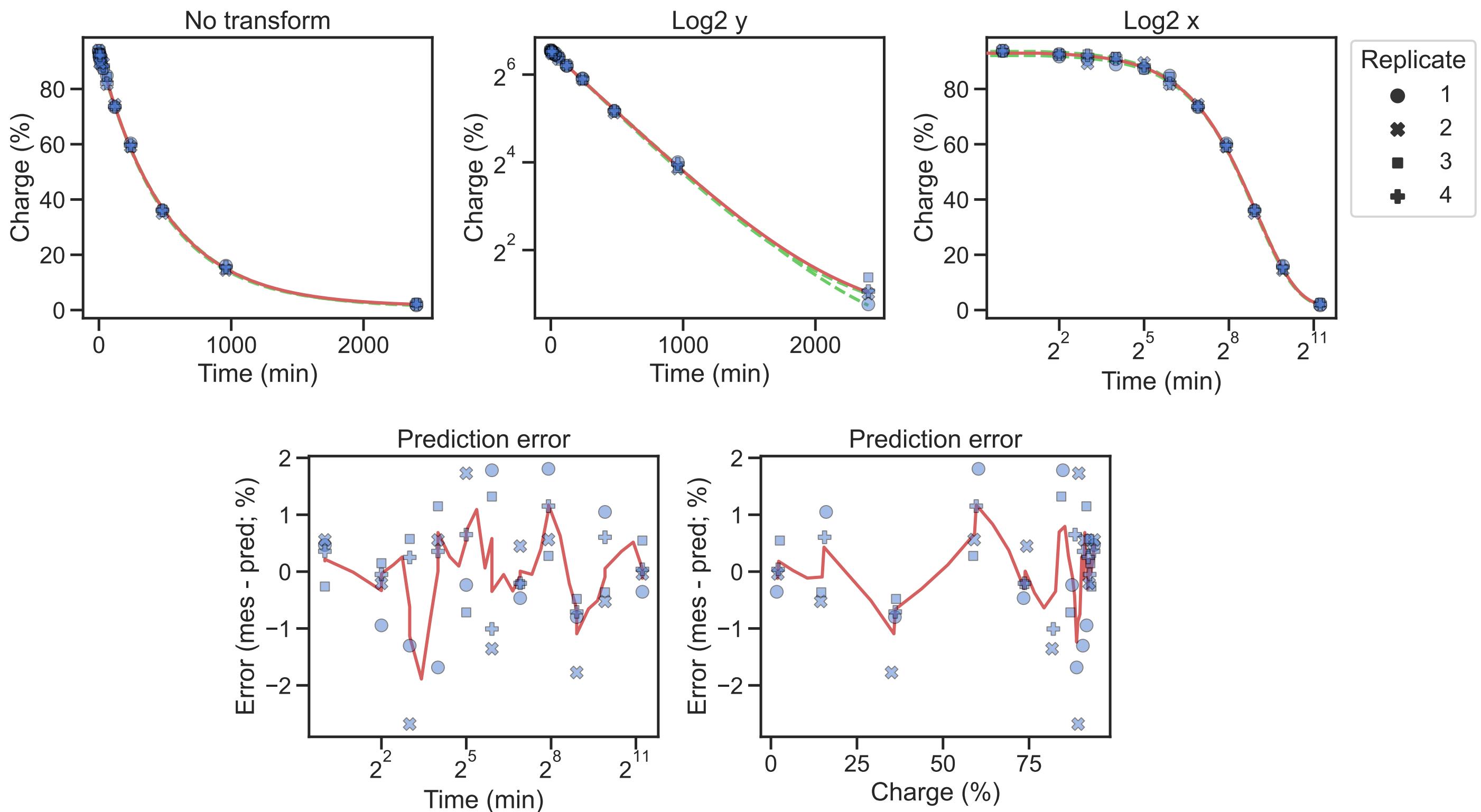
mito-Asp-GTC half-life=909 min, 95% CI (865; 927)



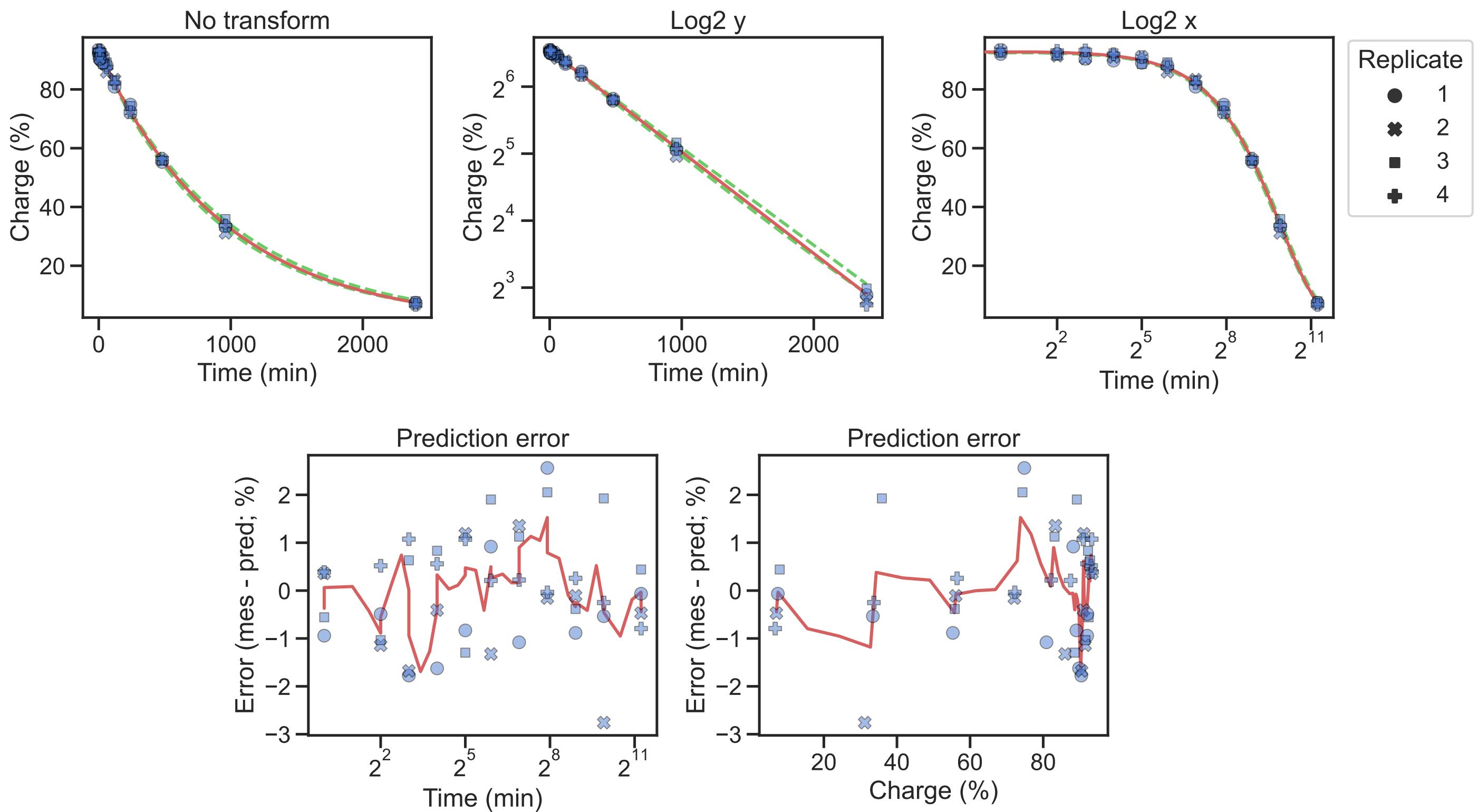
mito-Cys-GCA half-life=171 min, 95% CI (158; 196)



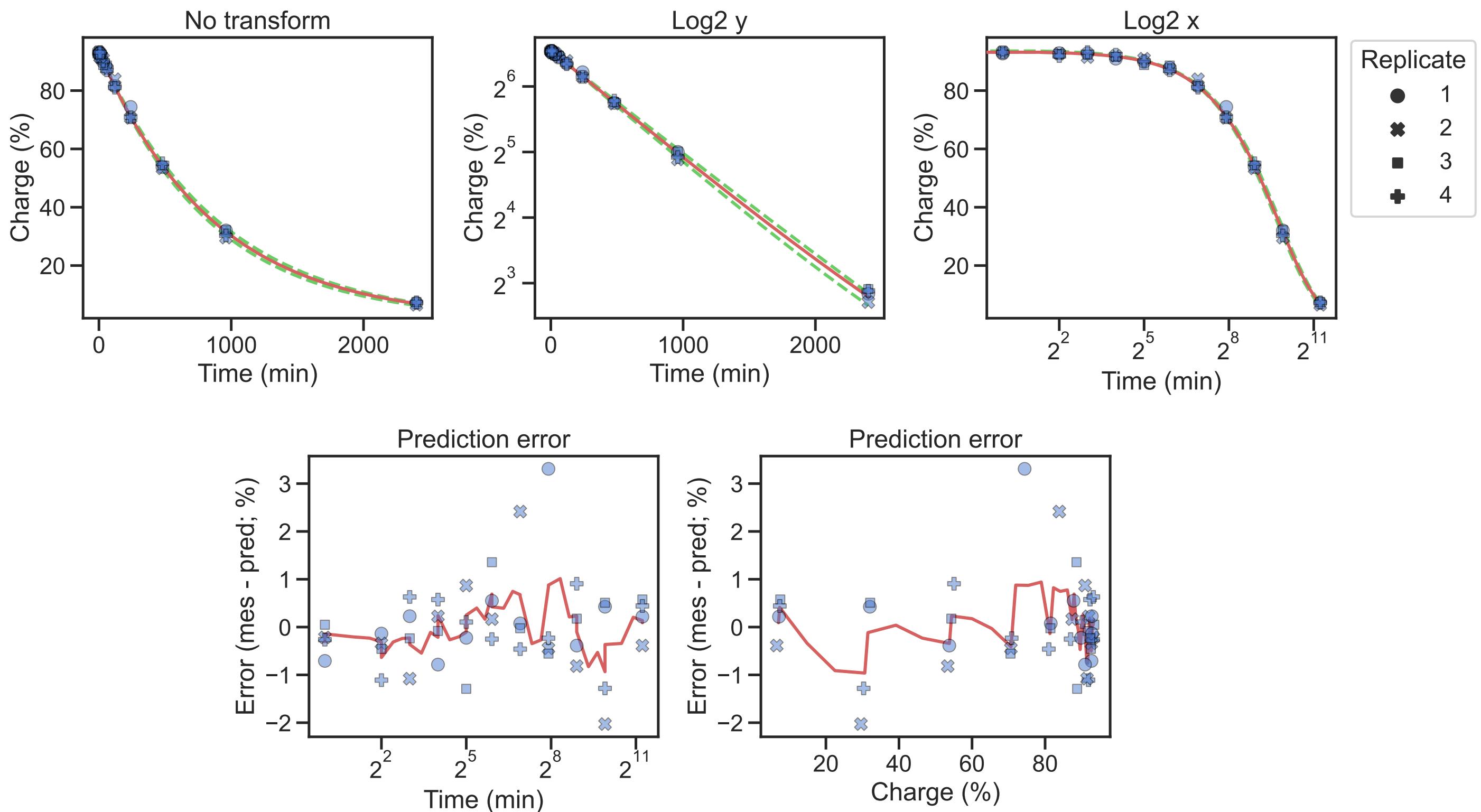
mito-Gln-TTG half-life=349 min, 95% CI (340; 358)



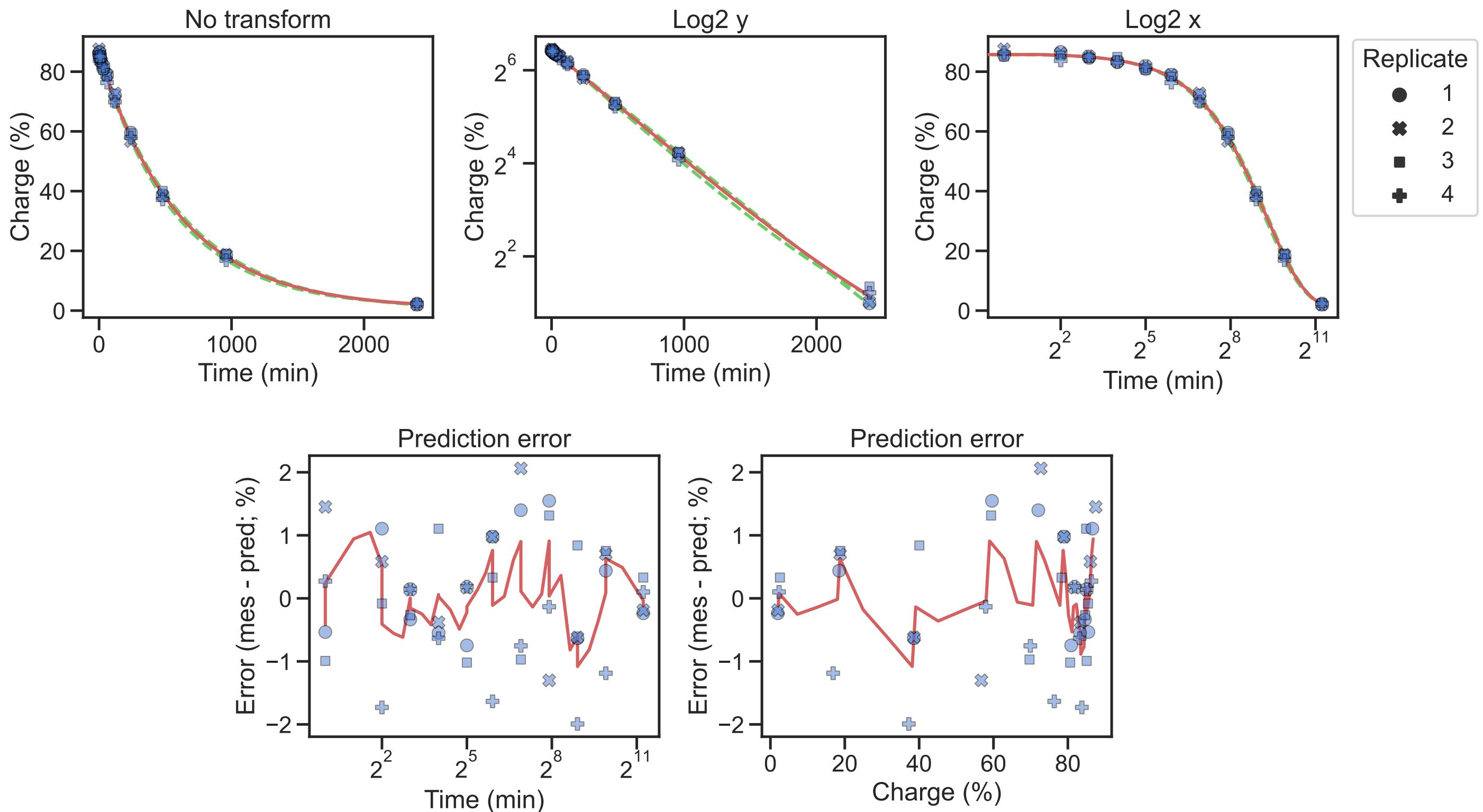
mito-Glu-TTC half-life=660 min, 95% CI (625; 690)



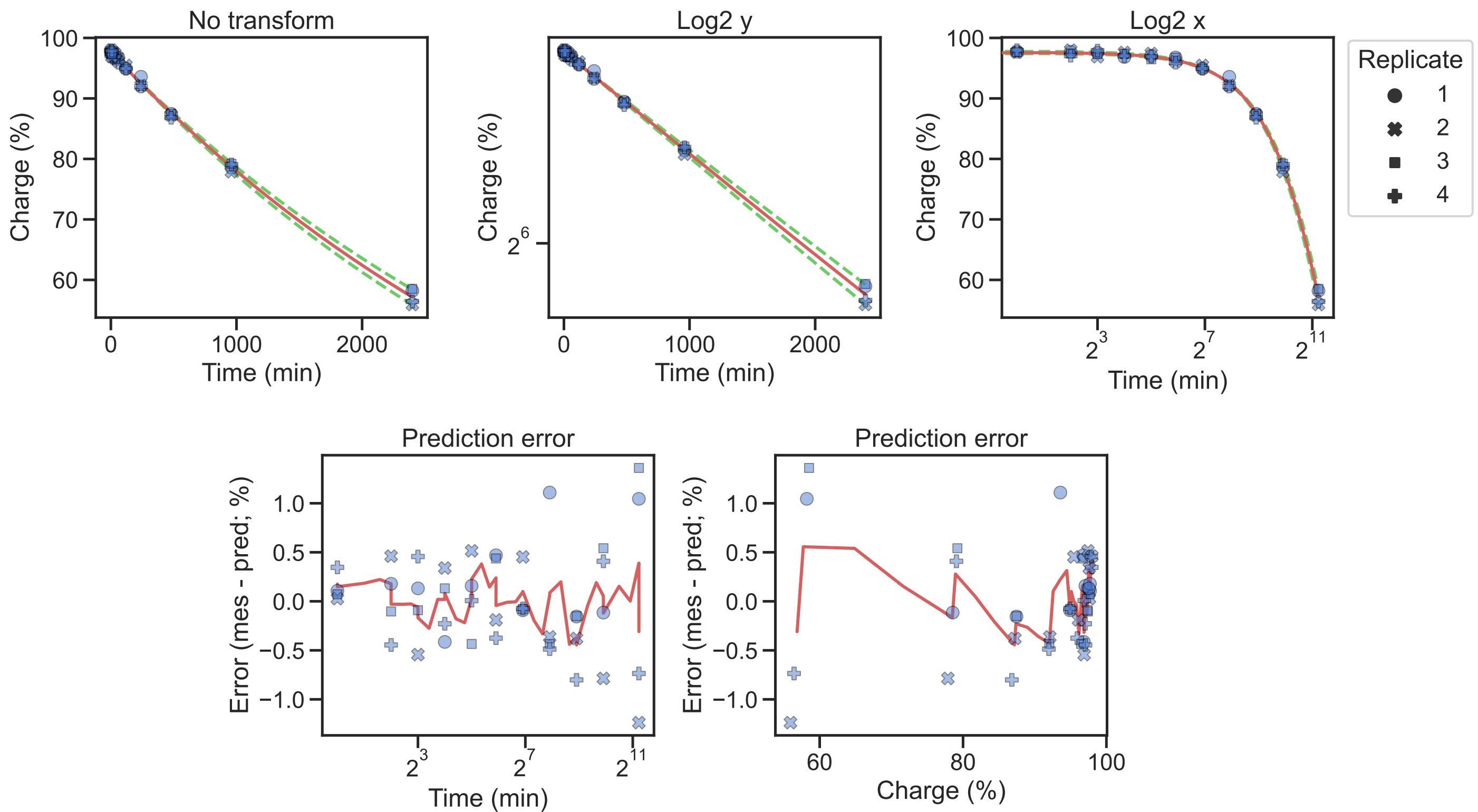
mito-Gly-TCC half-life=600 min, 95% CI (573; 634)



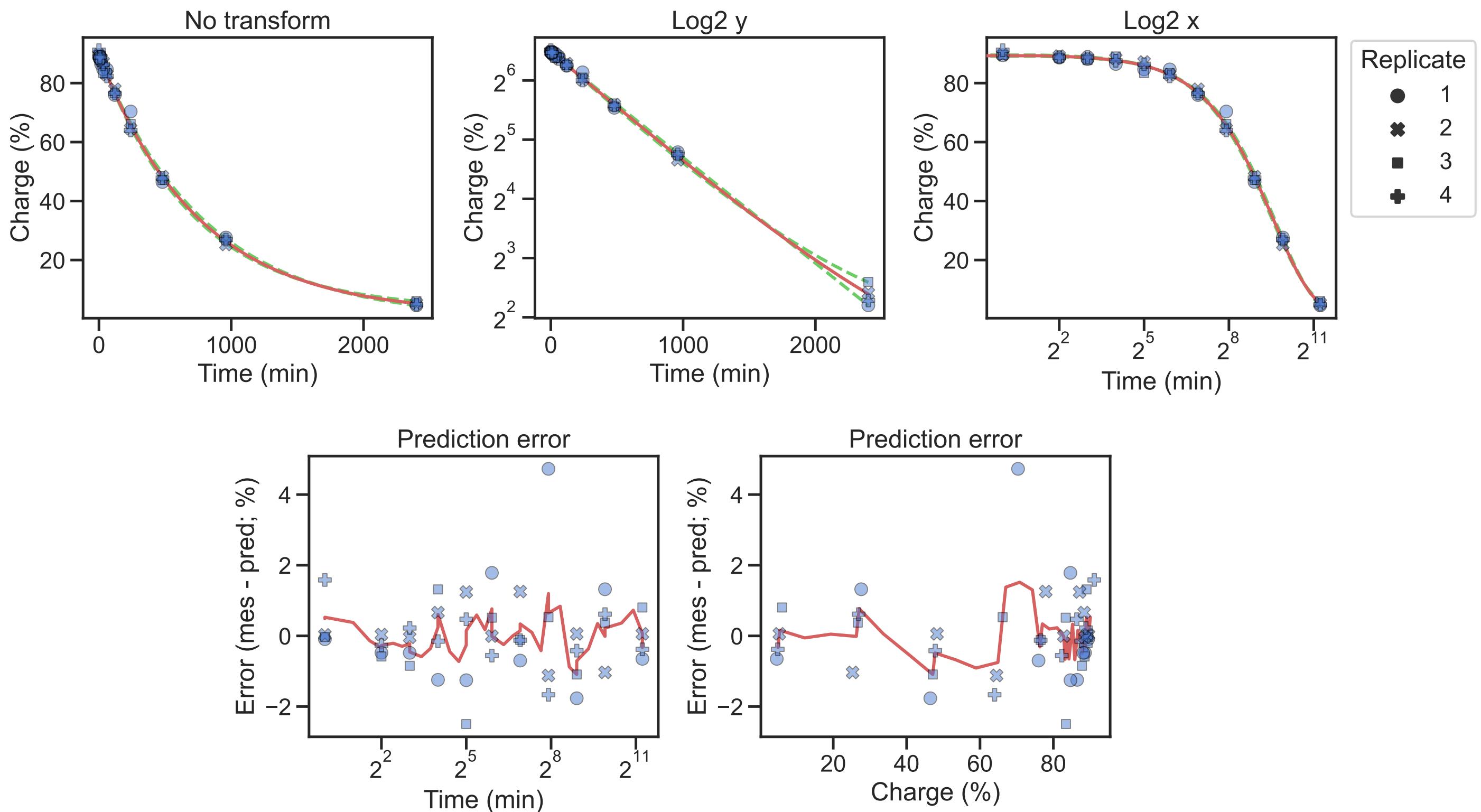
mito-His-GTG half-life=419 min, 95% CI (398; 437)



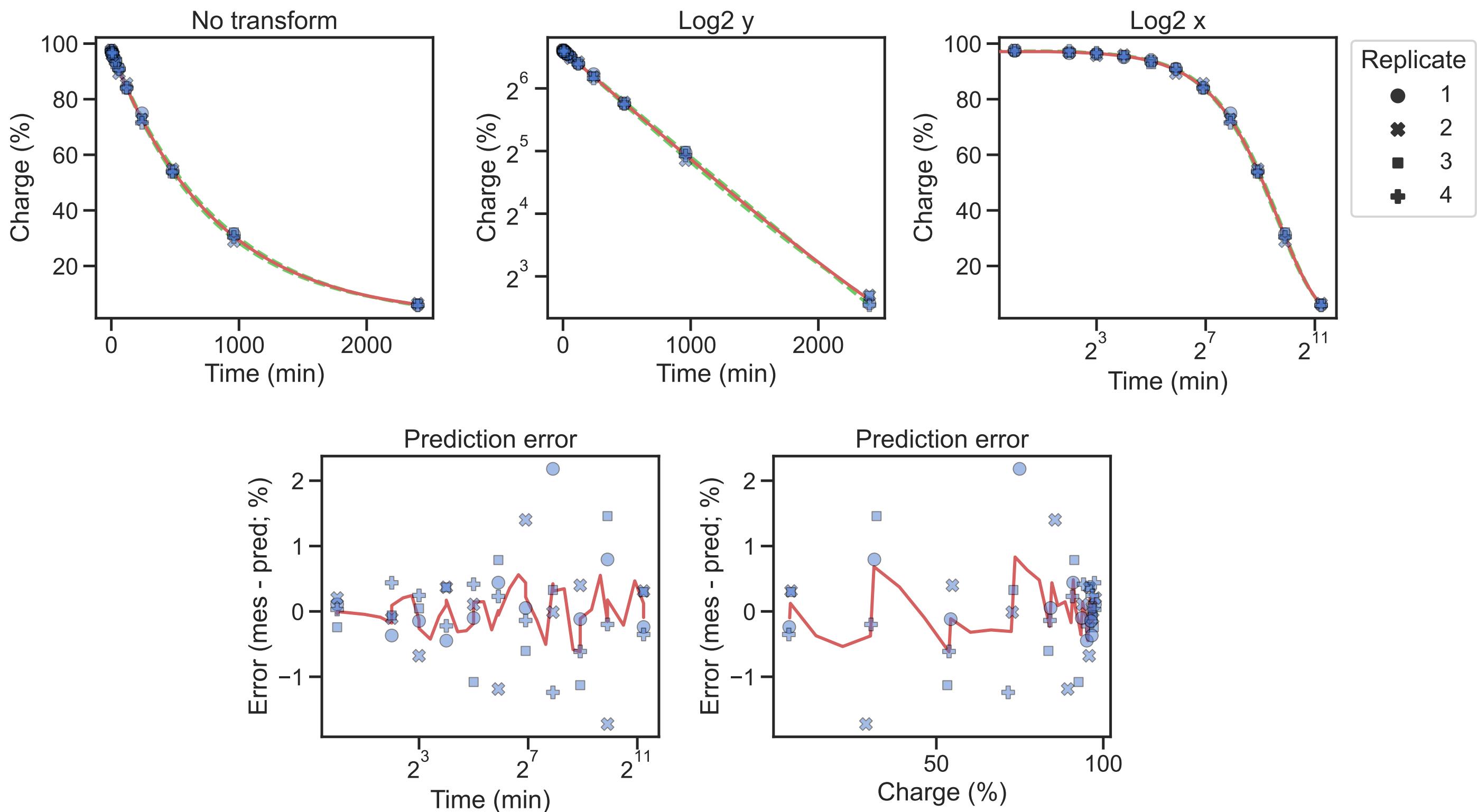
mito-Ile-GAT half-life=2961 min, 95% CI (2842; 3098)



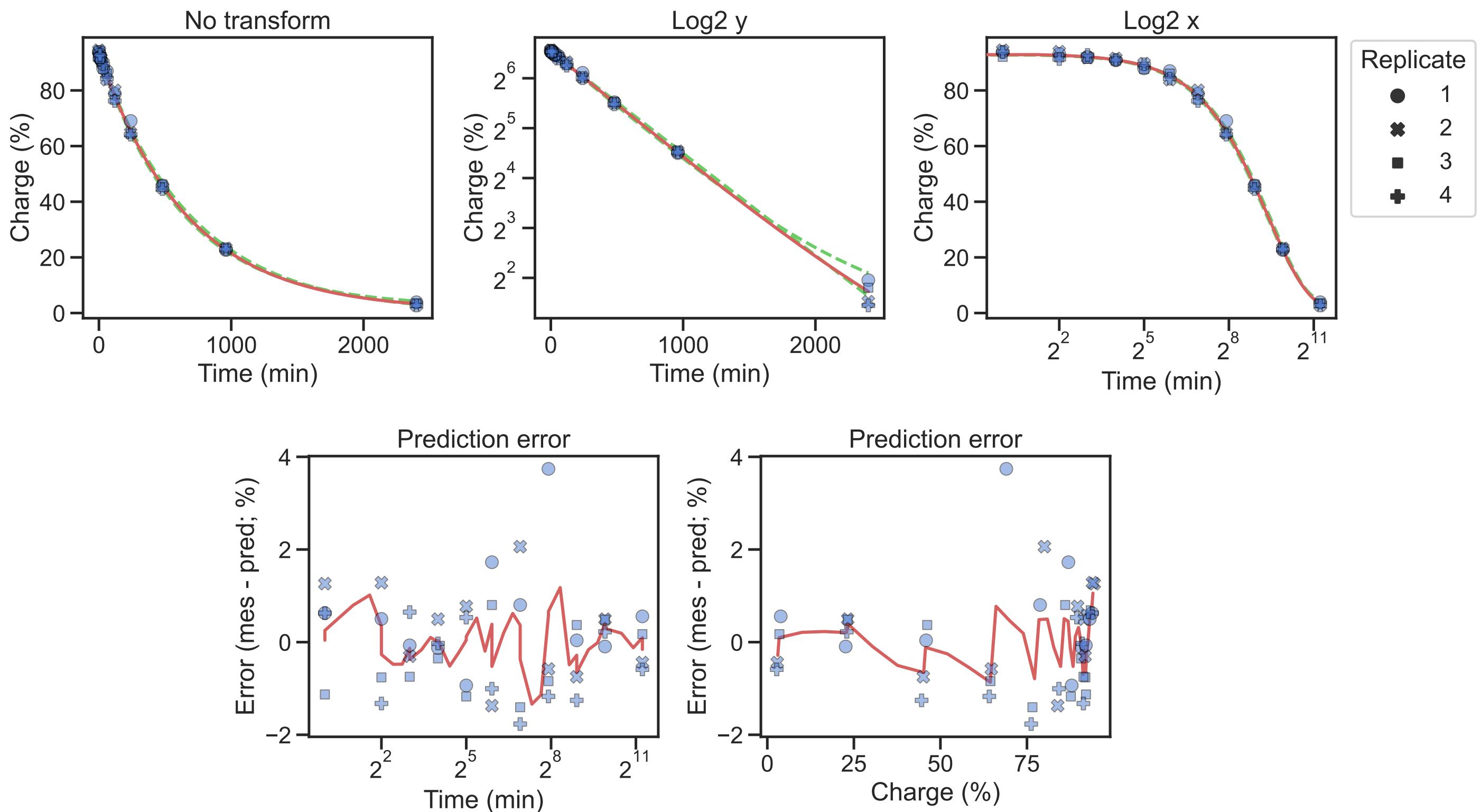
mito-Leu1-TAG half-life=524 min, 95% CI (494; 560)



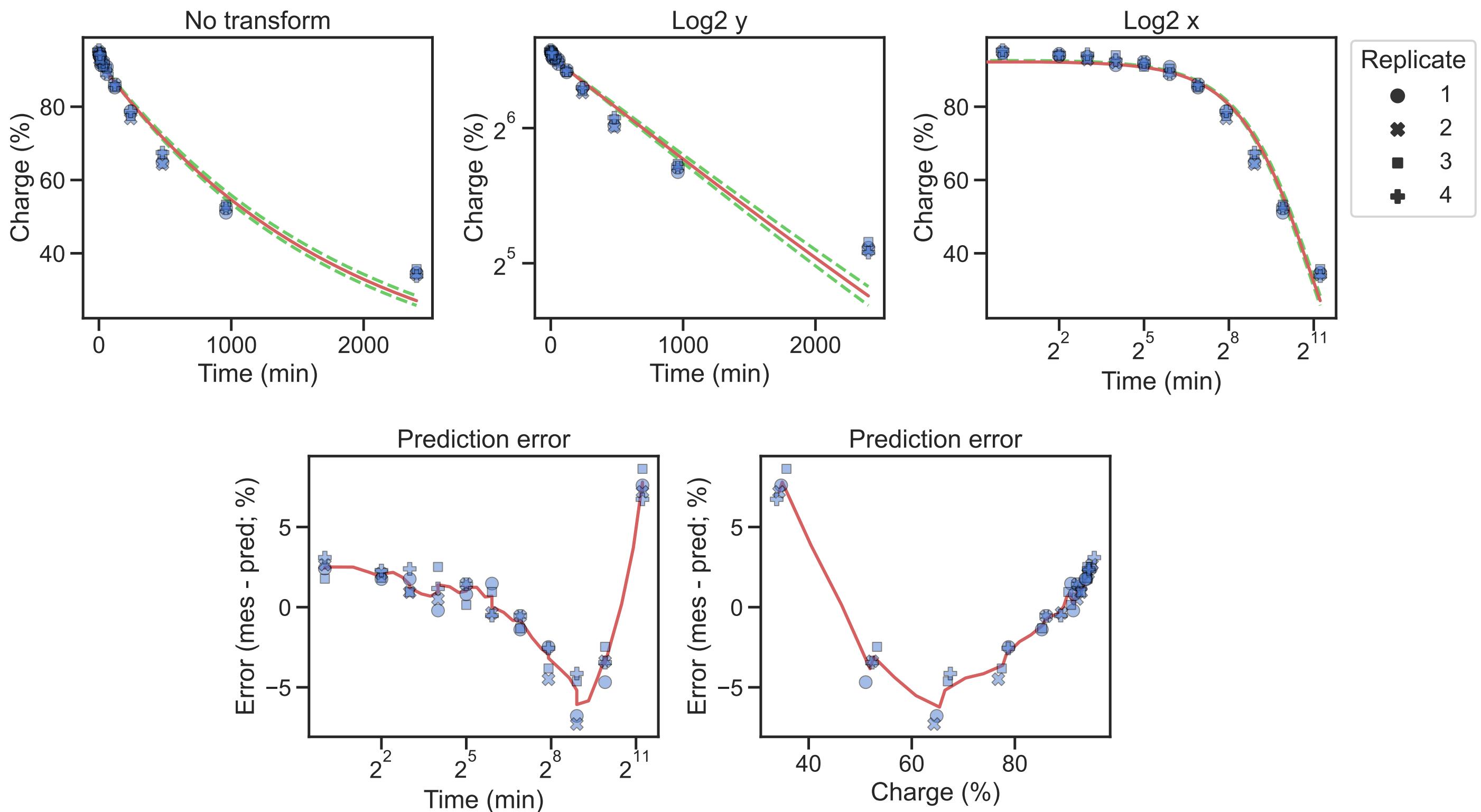
mito-Leu2-TAA half-life=562 min, 95% CI (537; 589)



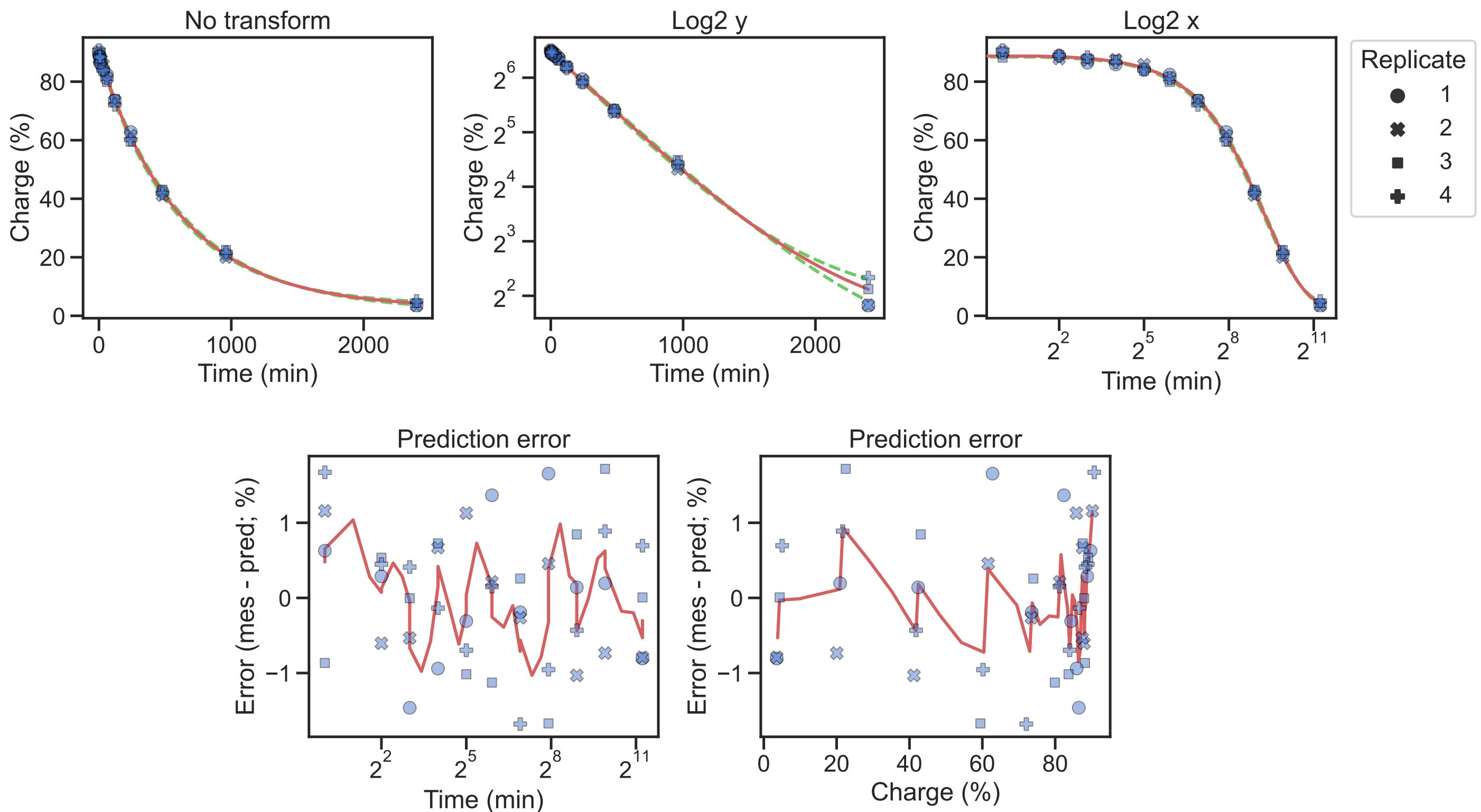
mito-Lys-TTT half-life=463 min, 95% CI (440; 489)



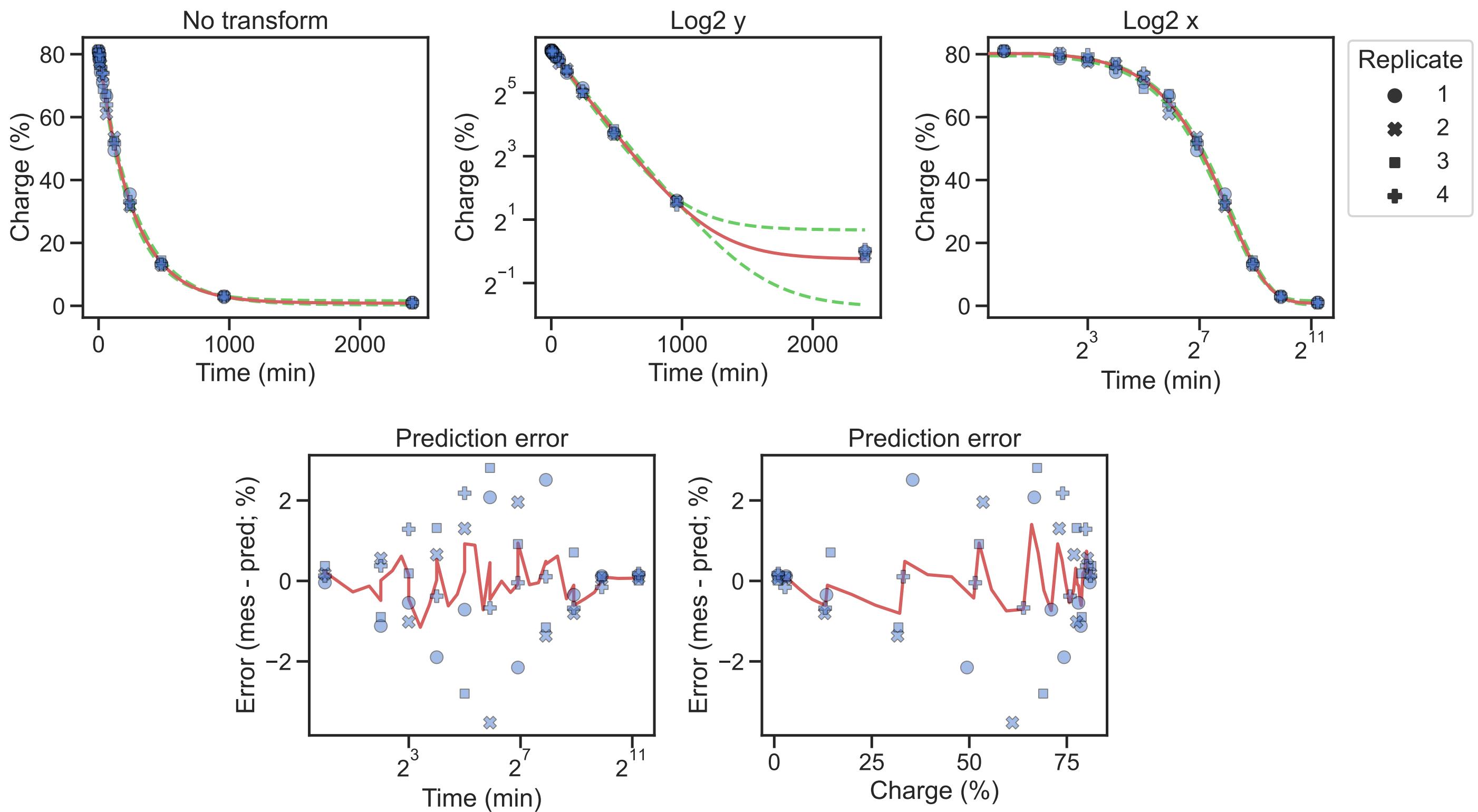
mito-Met-CAT half-life=1254 min, 95% CI (1199; 1306)



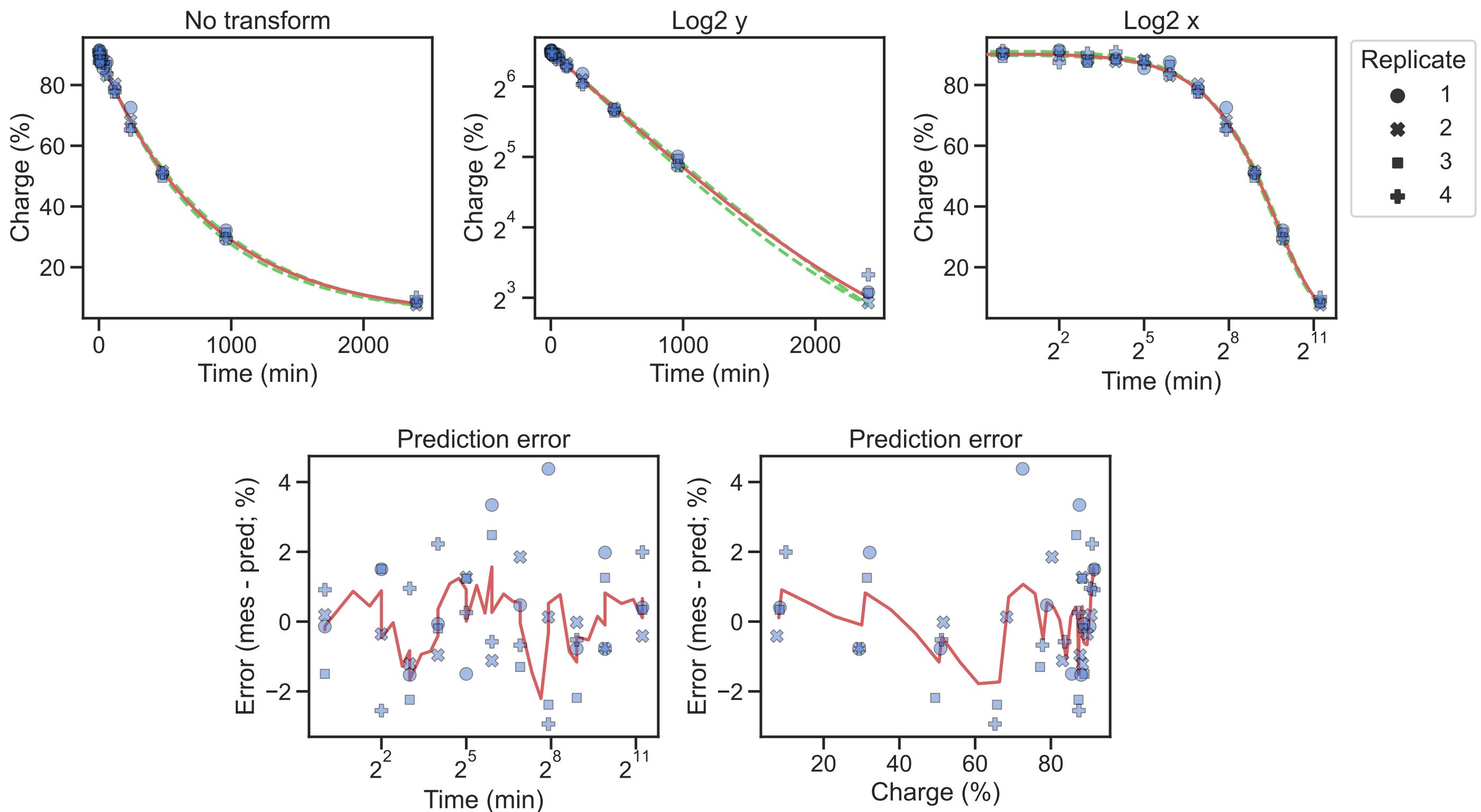
mito-Phe-GAA half-life=427 min, 95% CI (408; 446)



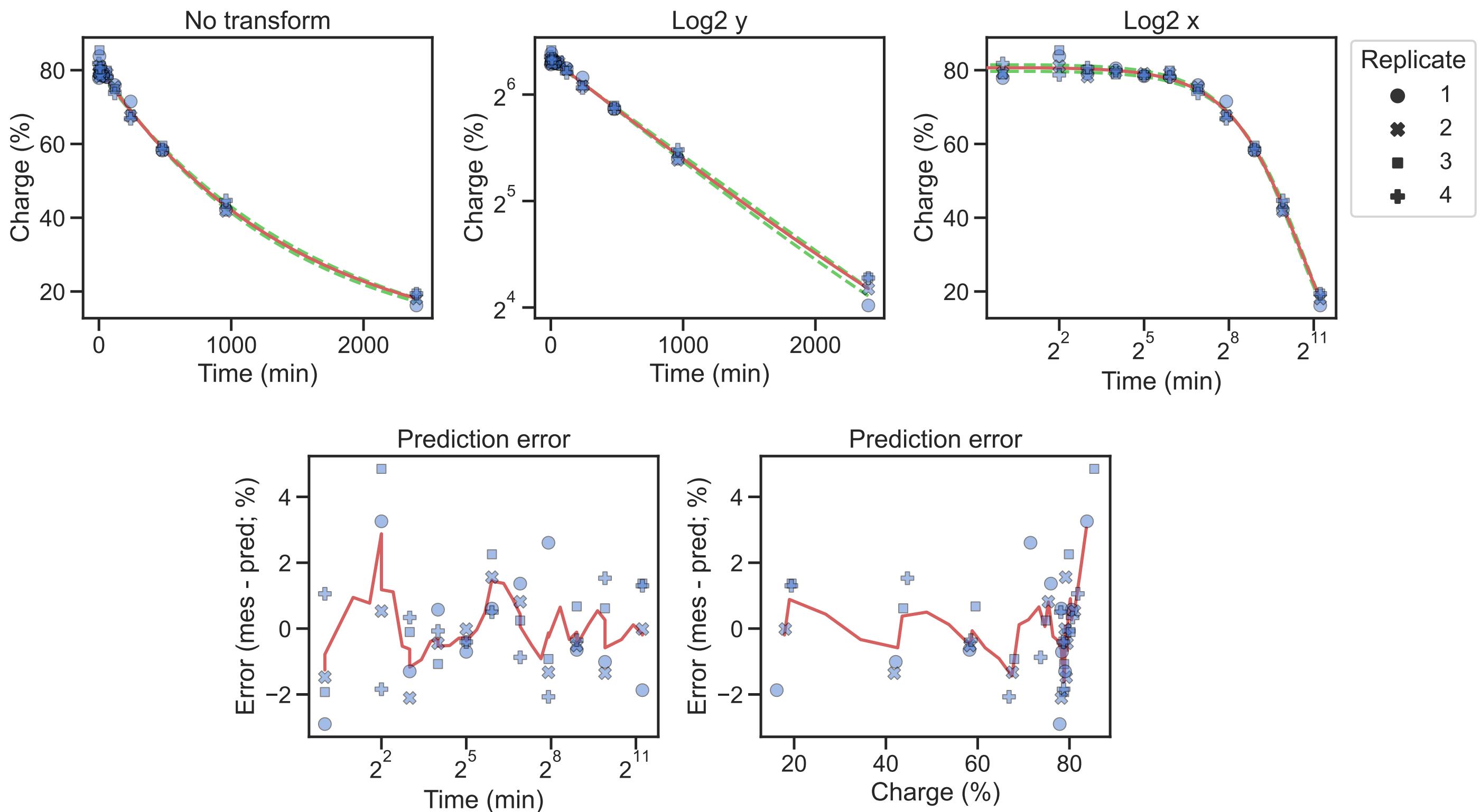
mito-Pro-TGG half-life=182 min, 95% CI (170; 195)



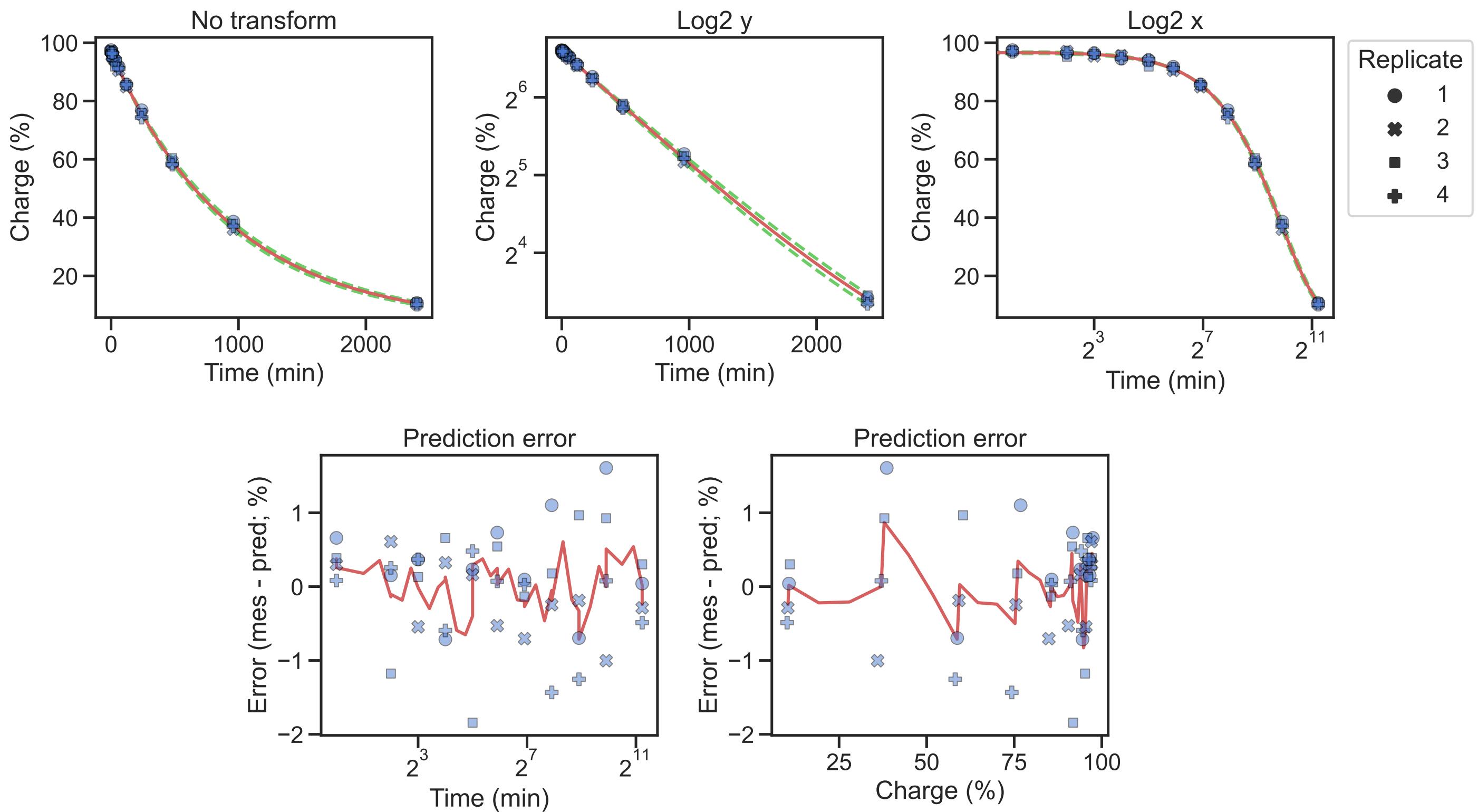
mito-Ser2-TGA half-life=564 min, 95% CI (535; 603)



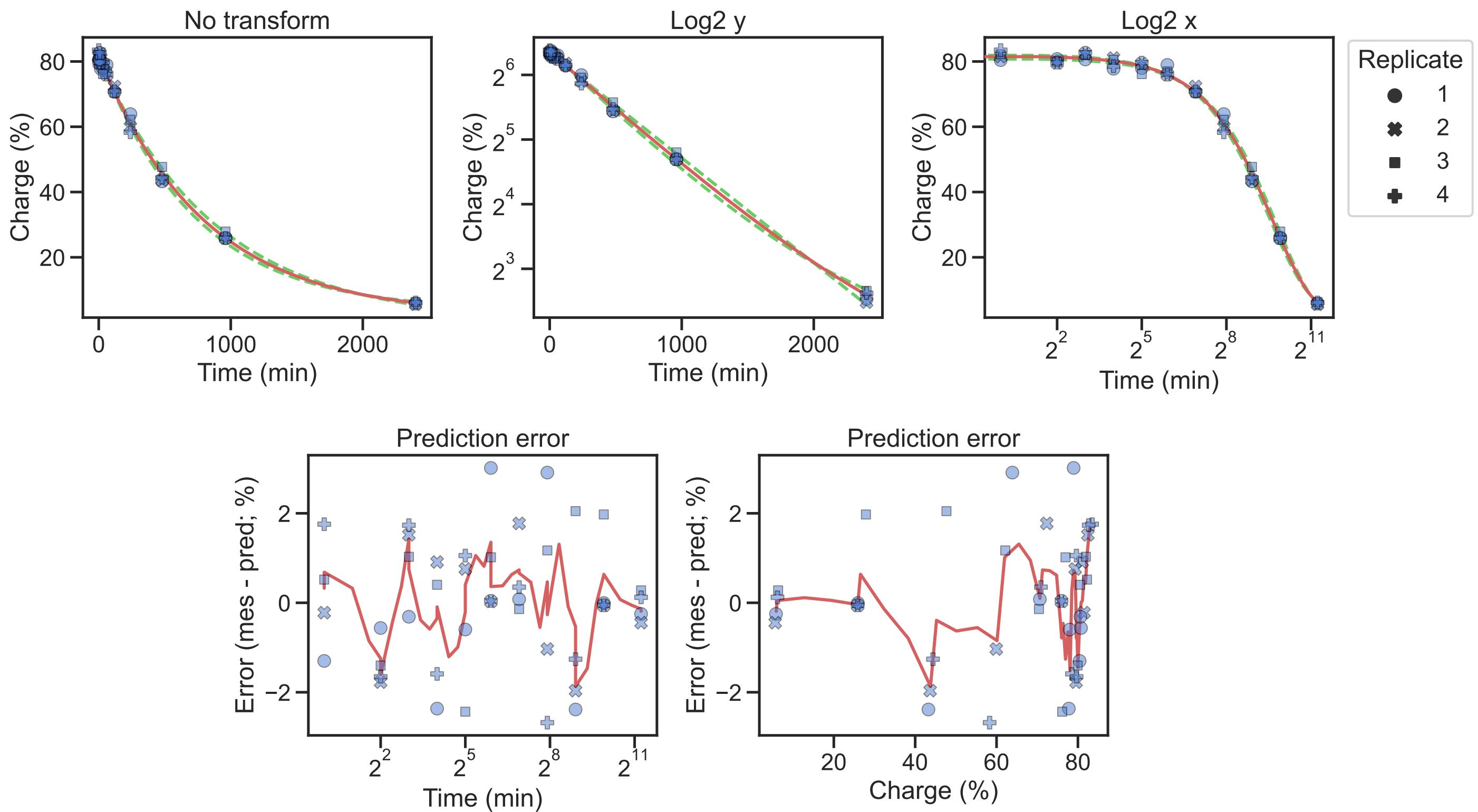
mito-Thr-TGT half-life=998 min, 95% CI (958; 1113)



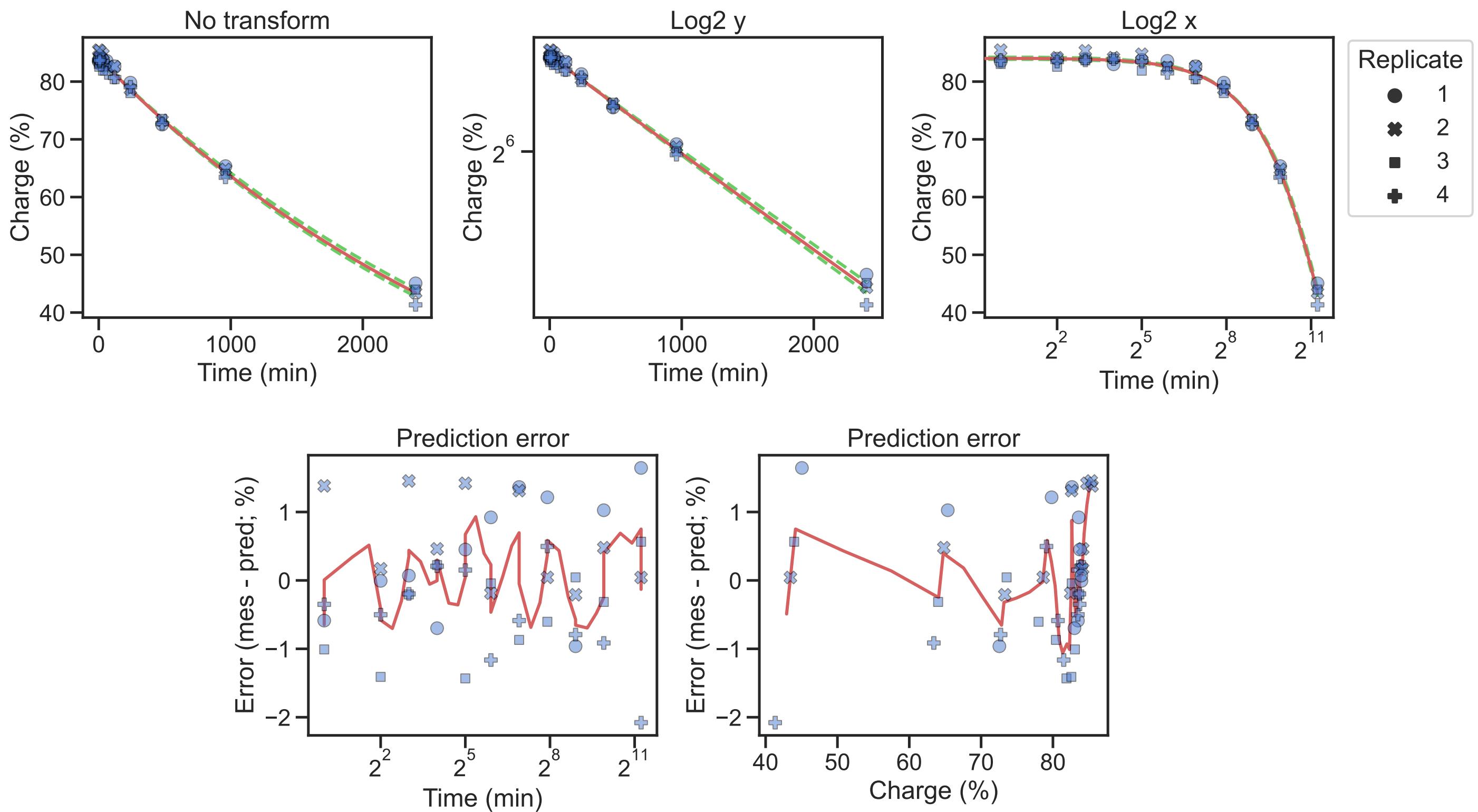
mito-Trp-TCA half-life=651 min, 95% CI (626; 683)



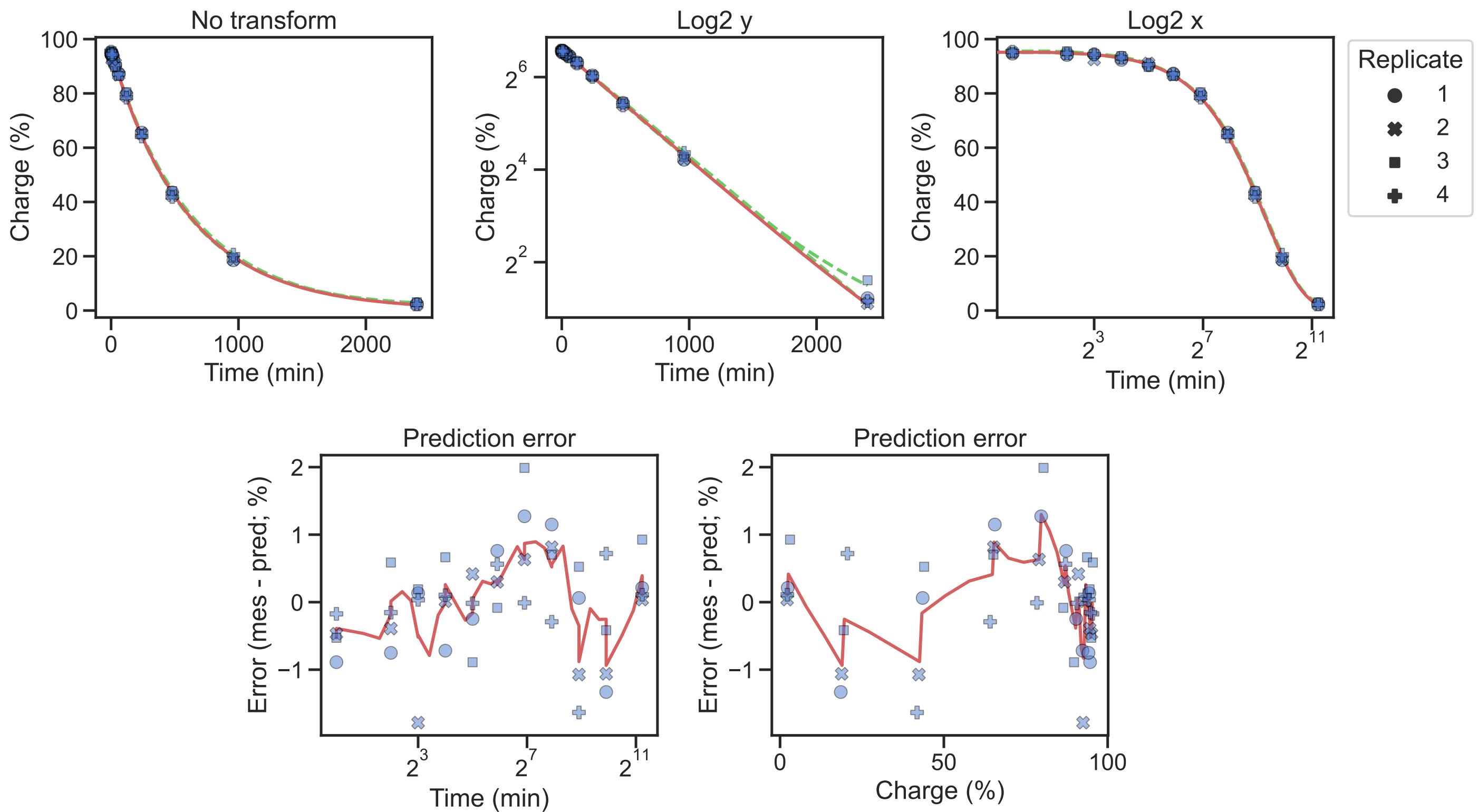
mito-Tyr-GTA half-life=551 min, 95% CI (504; 616)



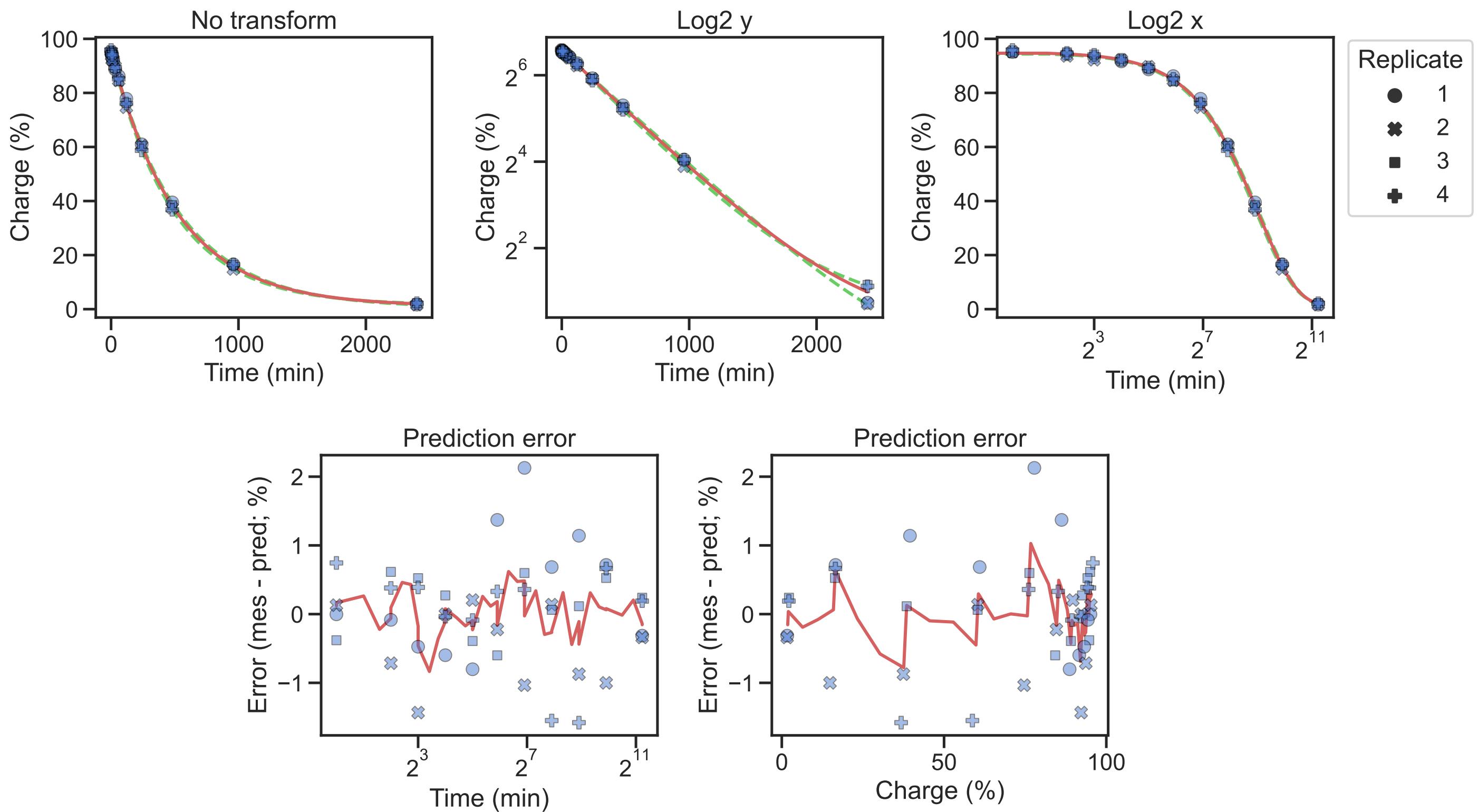
mito-Val-TAC half-life=2368 min, 95% CI (2306; 2585)



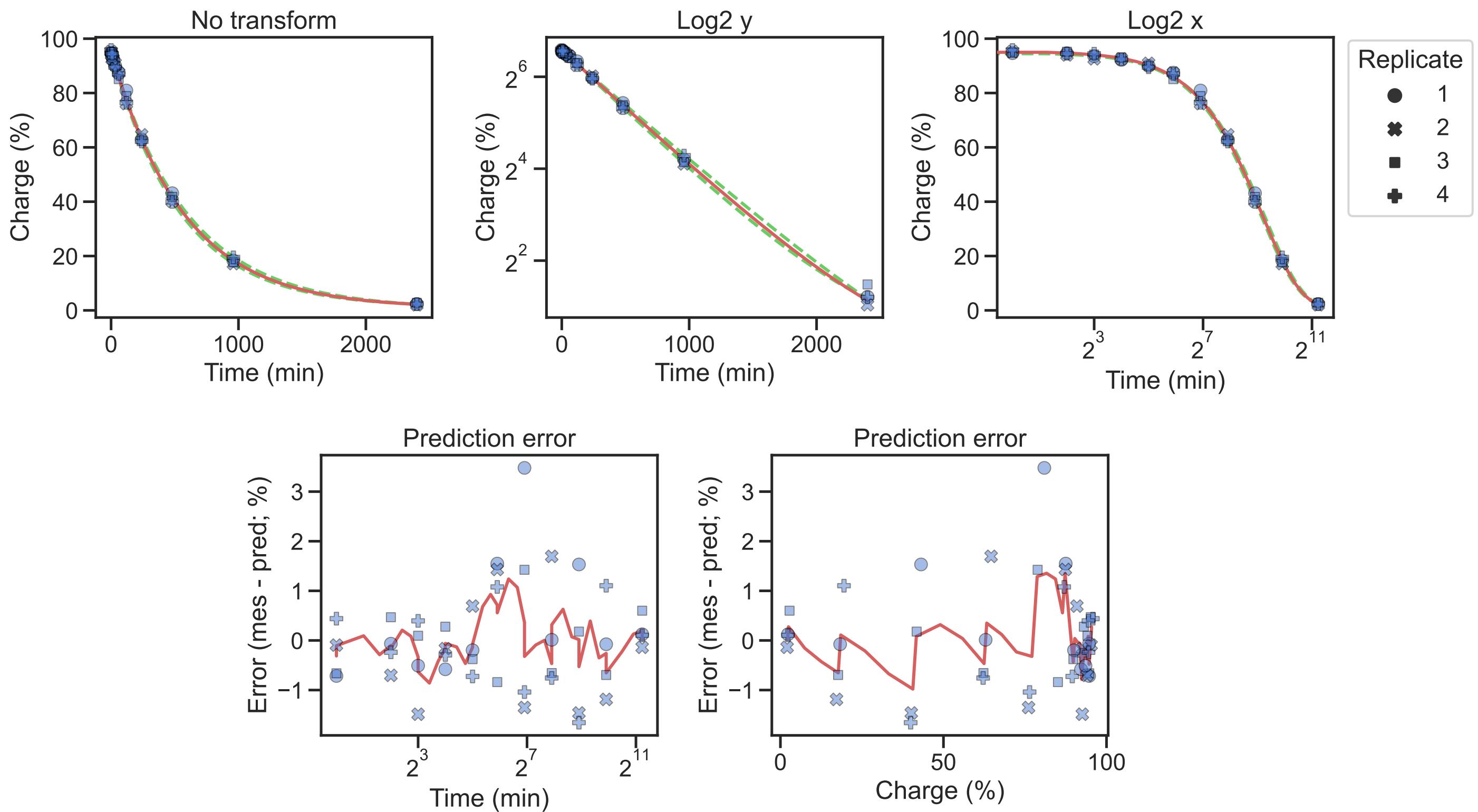
Ala-AGC-1-1 half-life=421 min, 95% CI (407; 437)



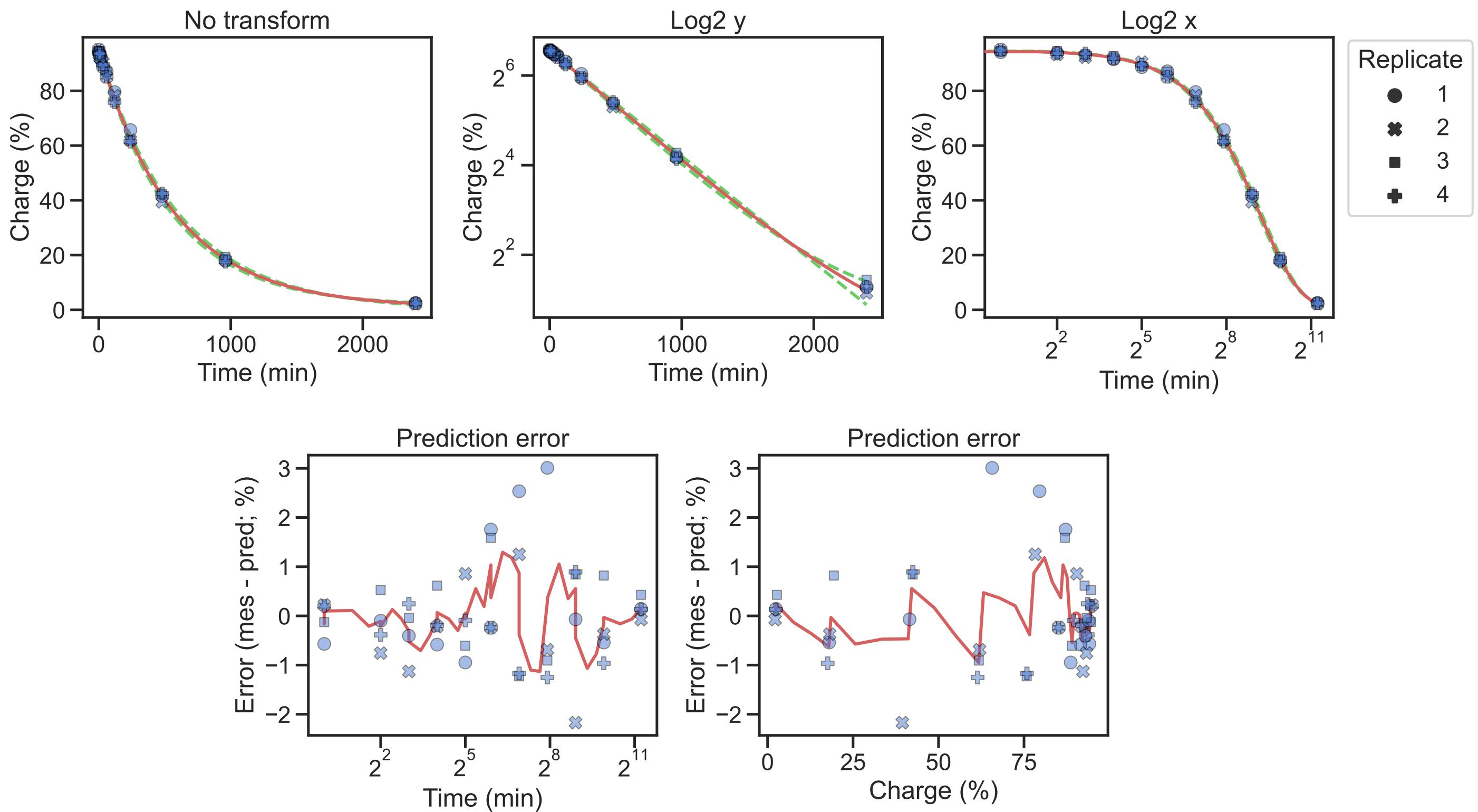
Ala-AGC-11-1 half-life=360 min, 95% CI (342; 375)



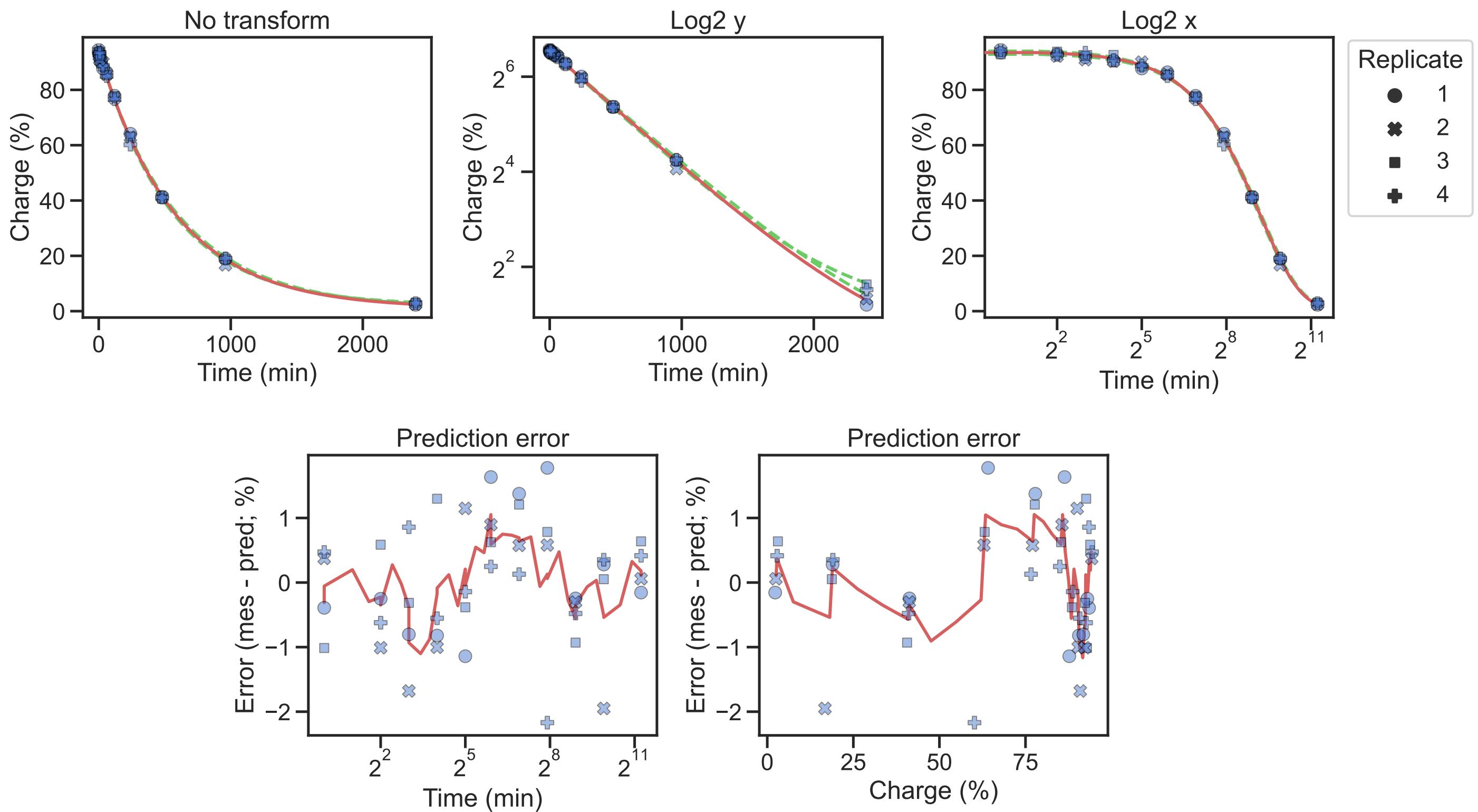
Ala-AGC-2-1 half-life=396 min, 95% CI (378; 418)



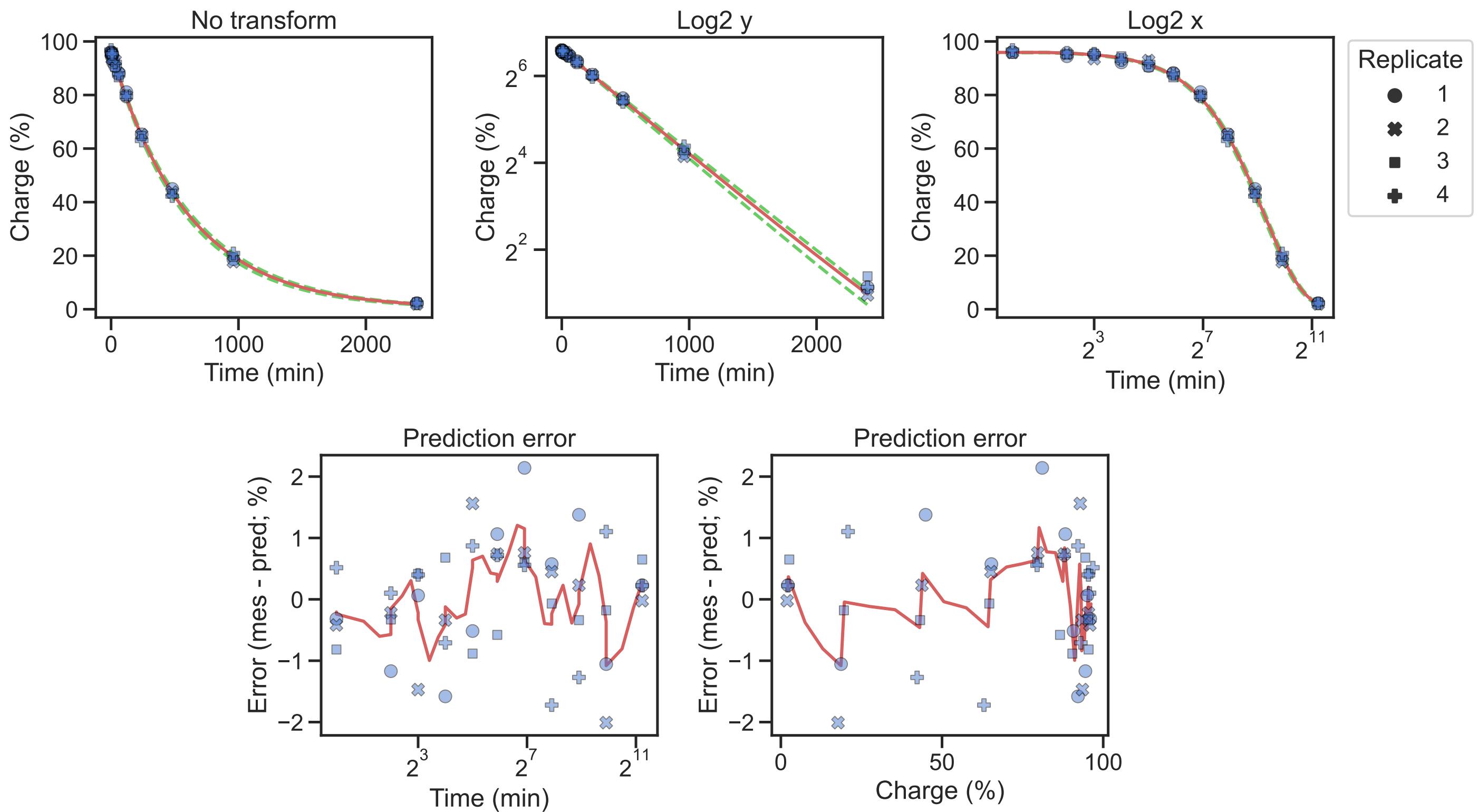
Ala-AGC-3-1 half-life=399 min, 95% CI (376; 423)



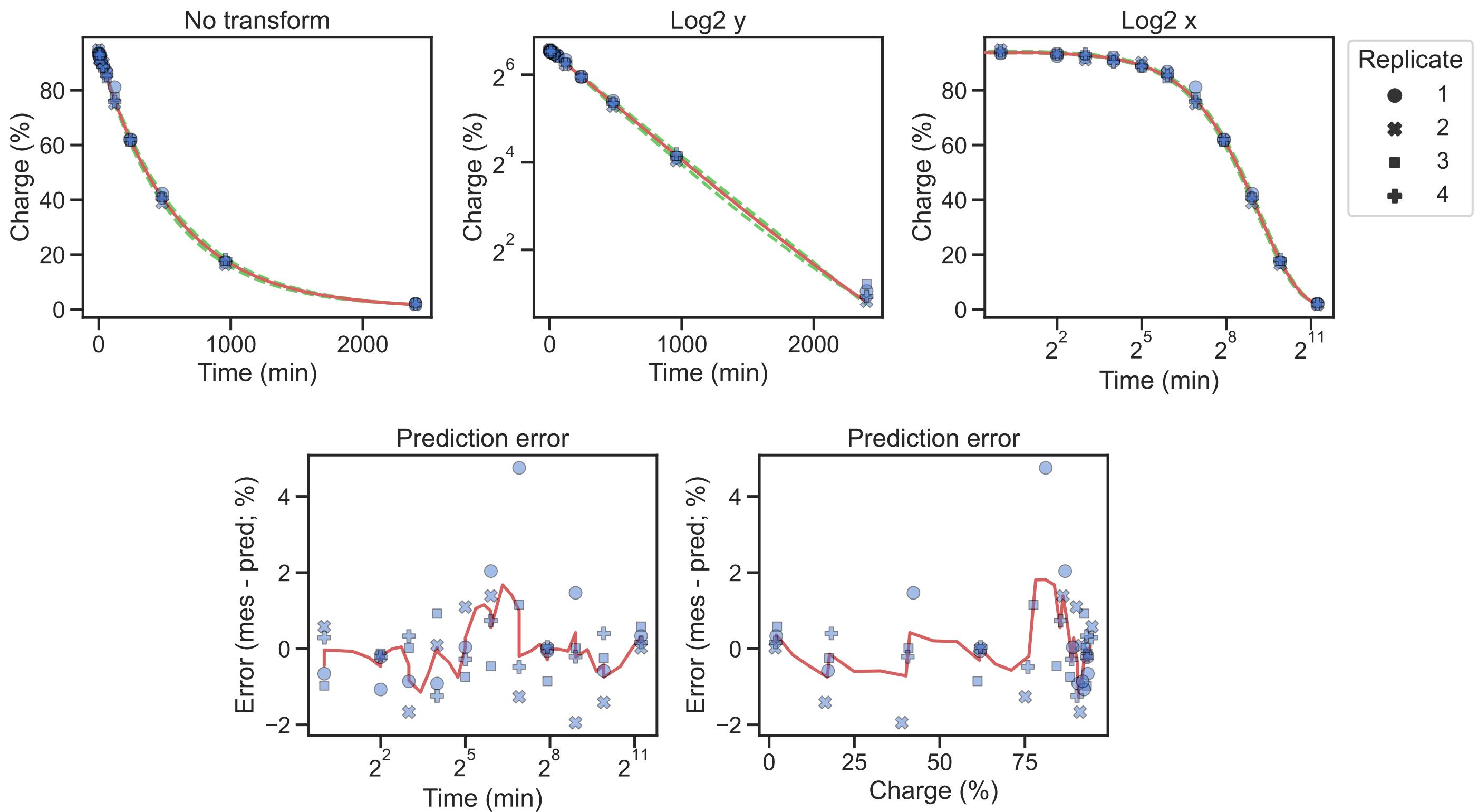
Ala-AGC-4-1 half-life=402 min, 95% CI (383; 415)



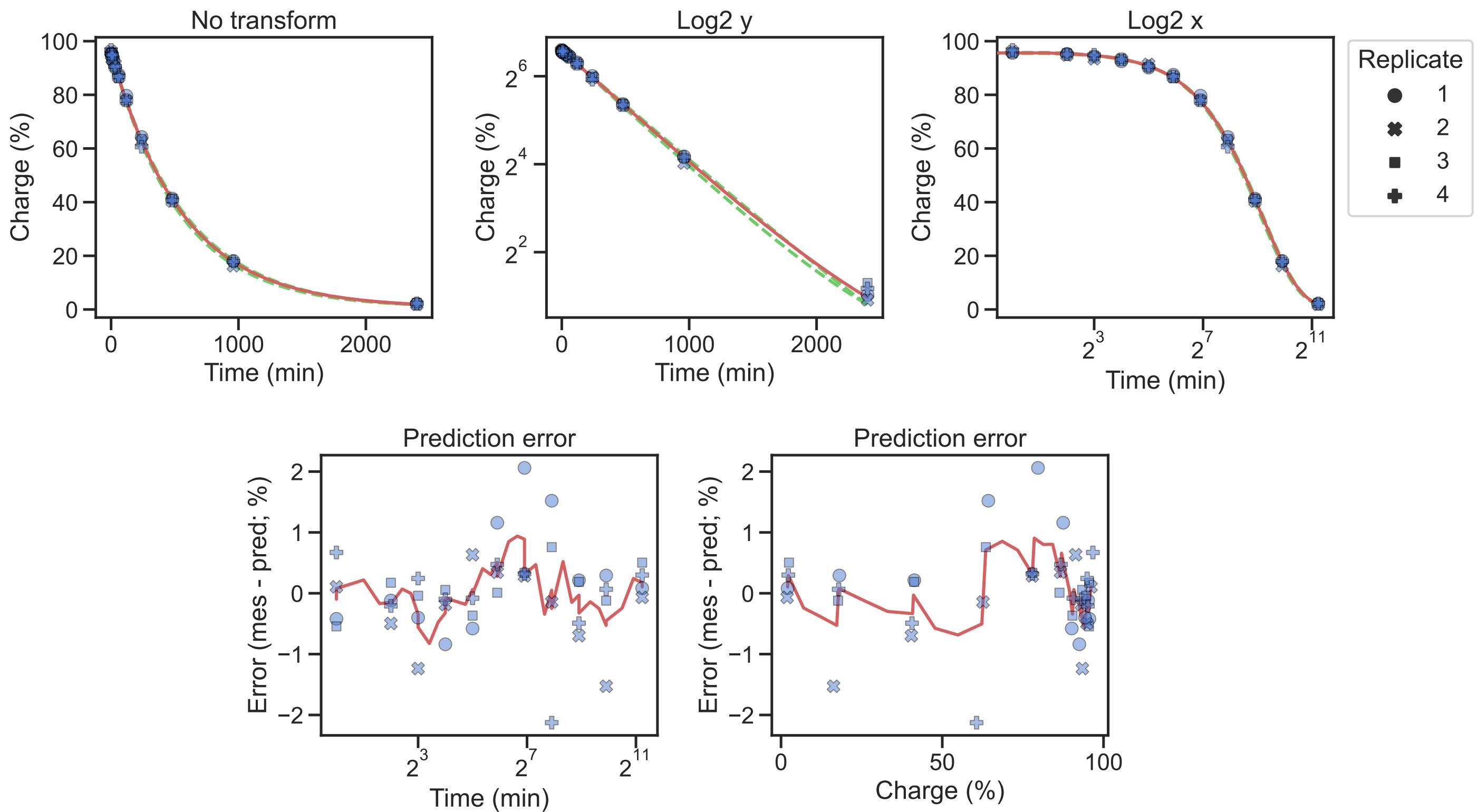
Ala-AGC-5-1 half-life=418 min, 95% CI (400; 435)



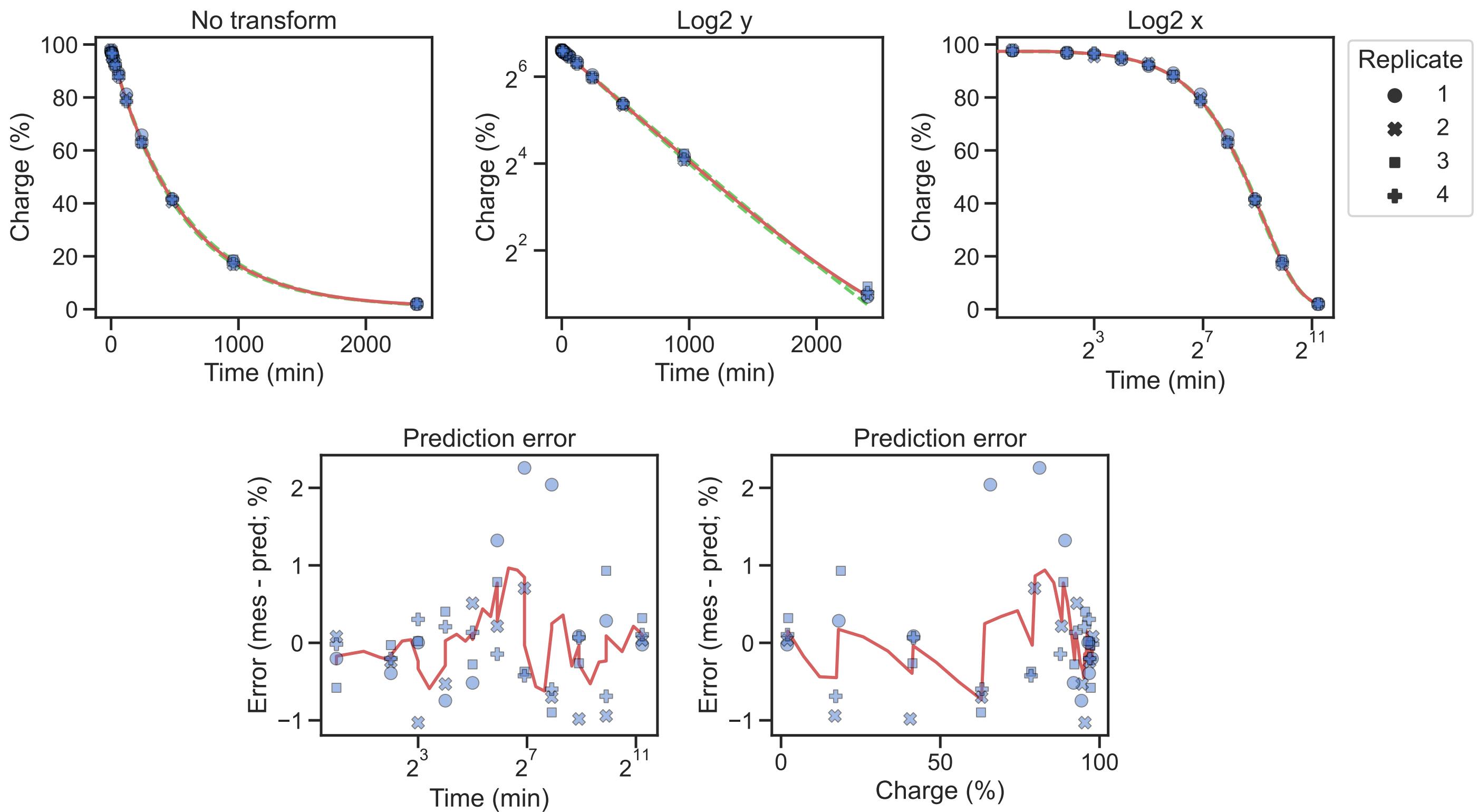
Ala-AGC-6-1 half-life=396 min, 95% CI (376; 413)



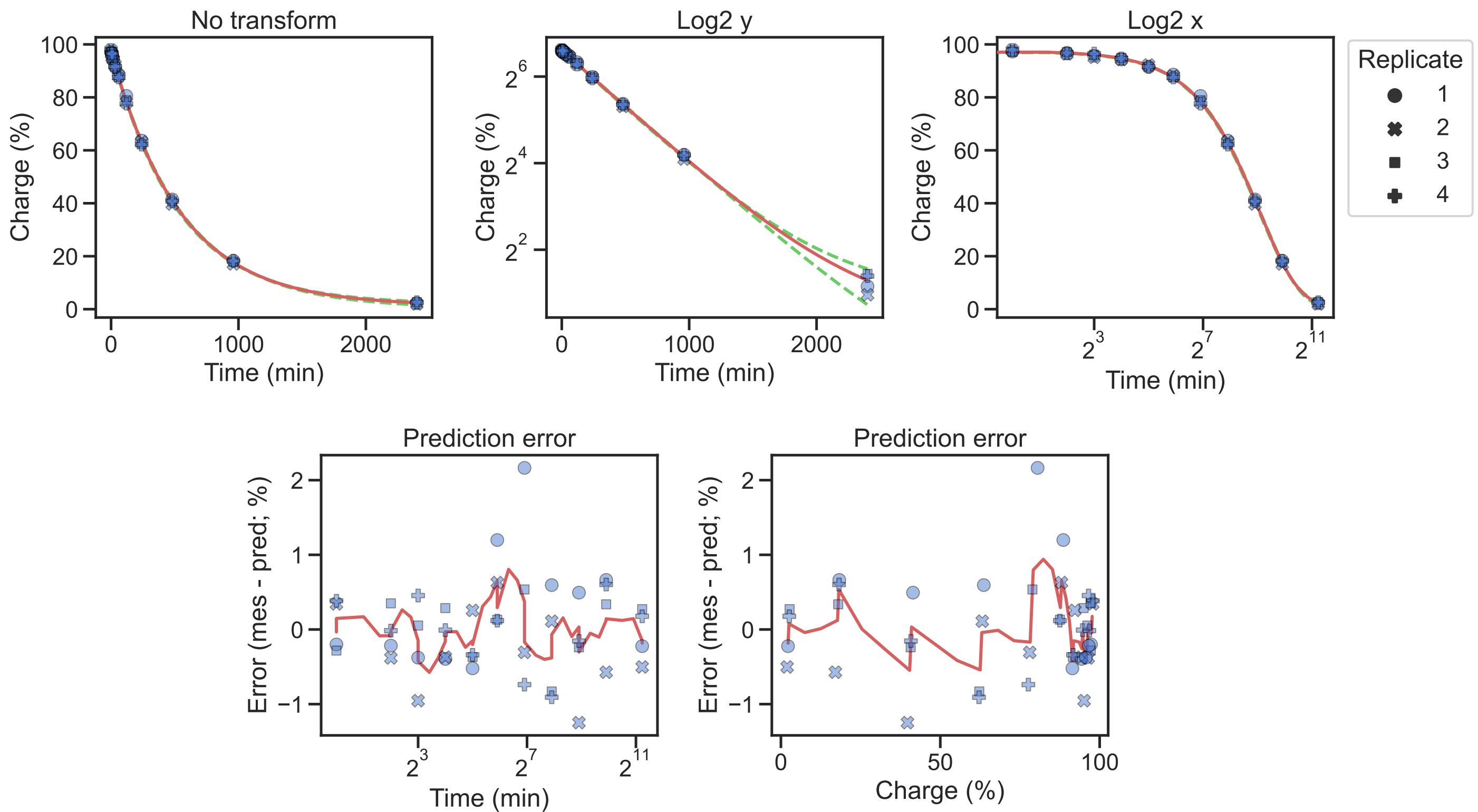
Ala-AGC-8-1 half-life=388 min, 95% CI (373; 402)



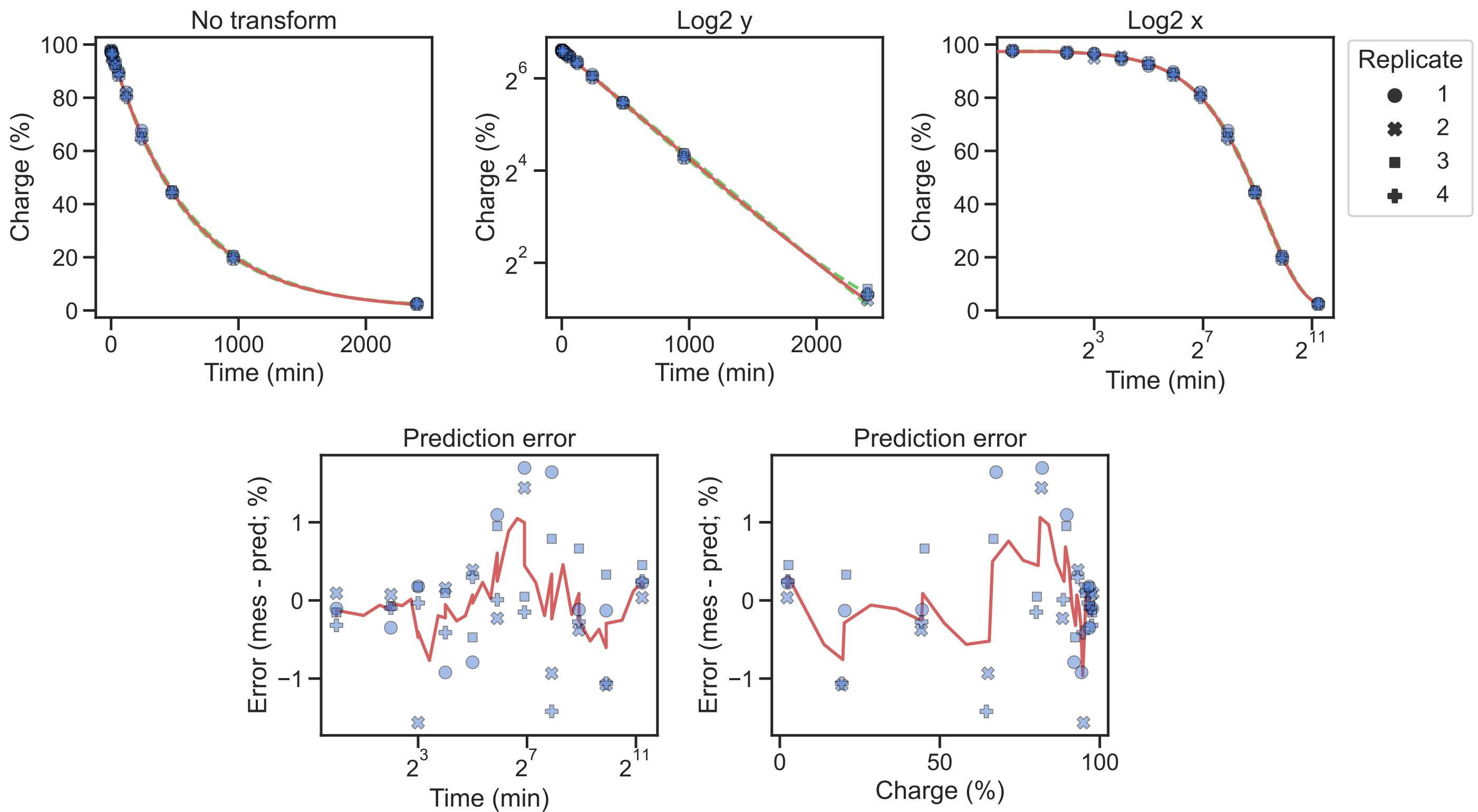
Ala-CGC-1-1 half-life=384 min, 95% CI (373; 398)



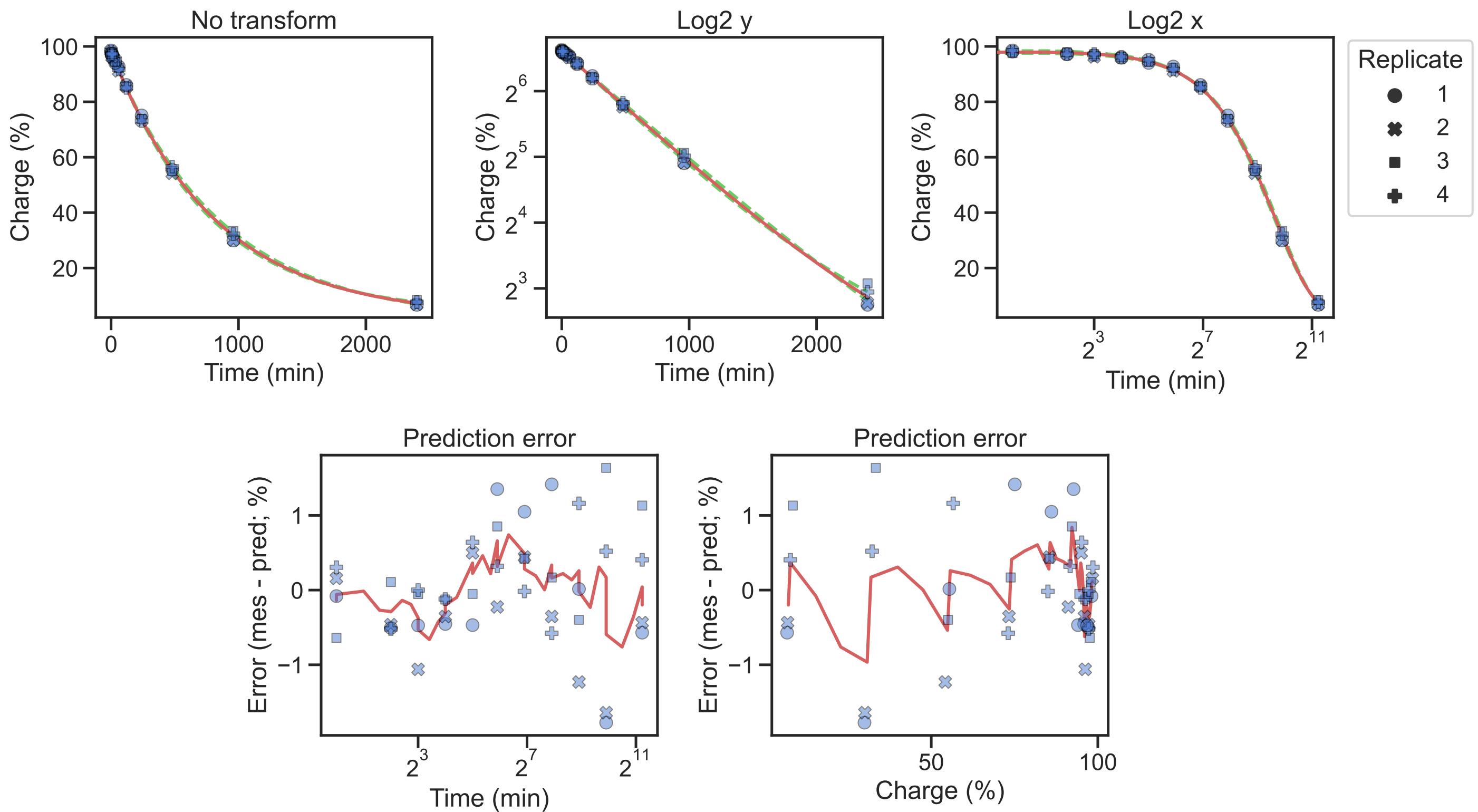
Ala-CGC-2-1 half-life=375 min, 95% CI (365; 386)



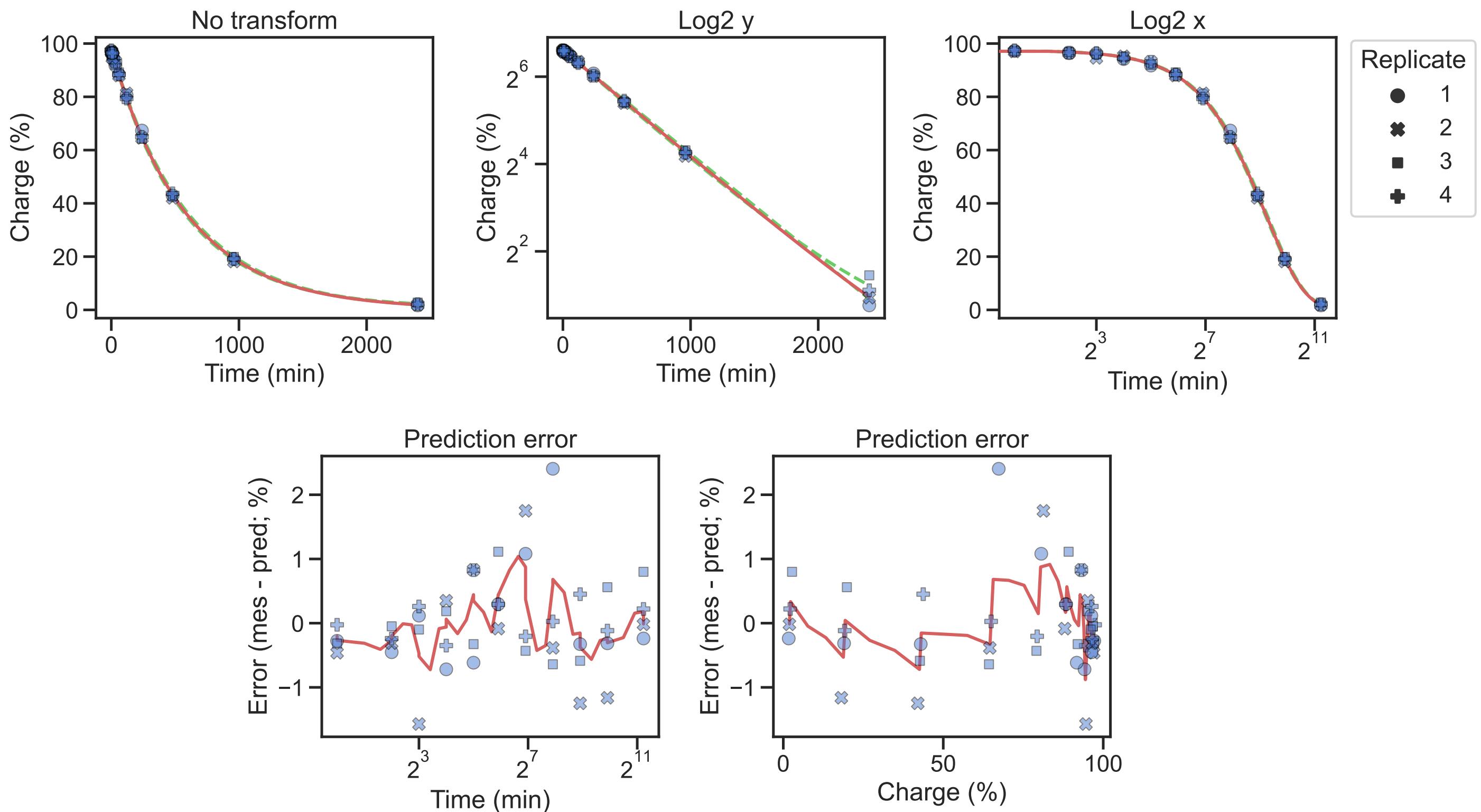
Ala-CGC-3-1 half-life=421 min, 95% CI (408; 435)



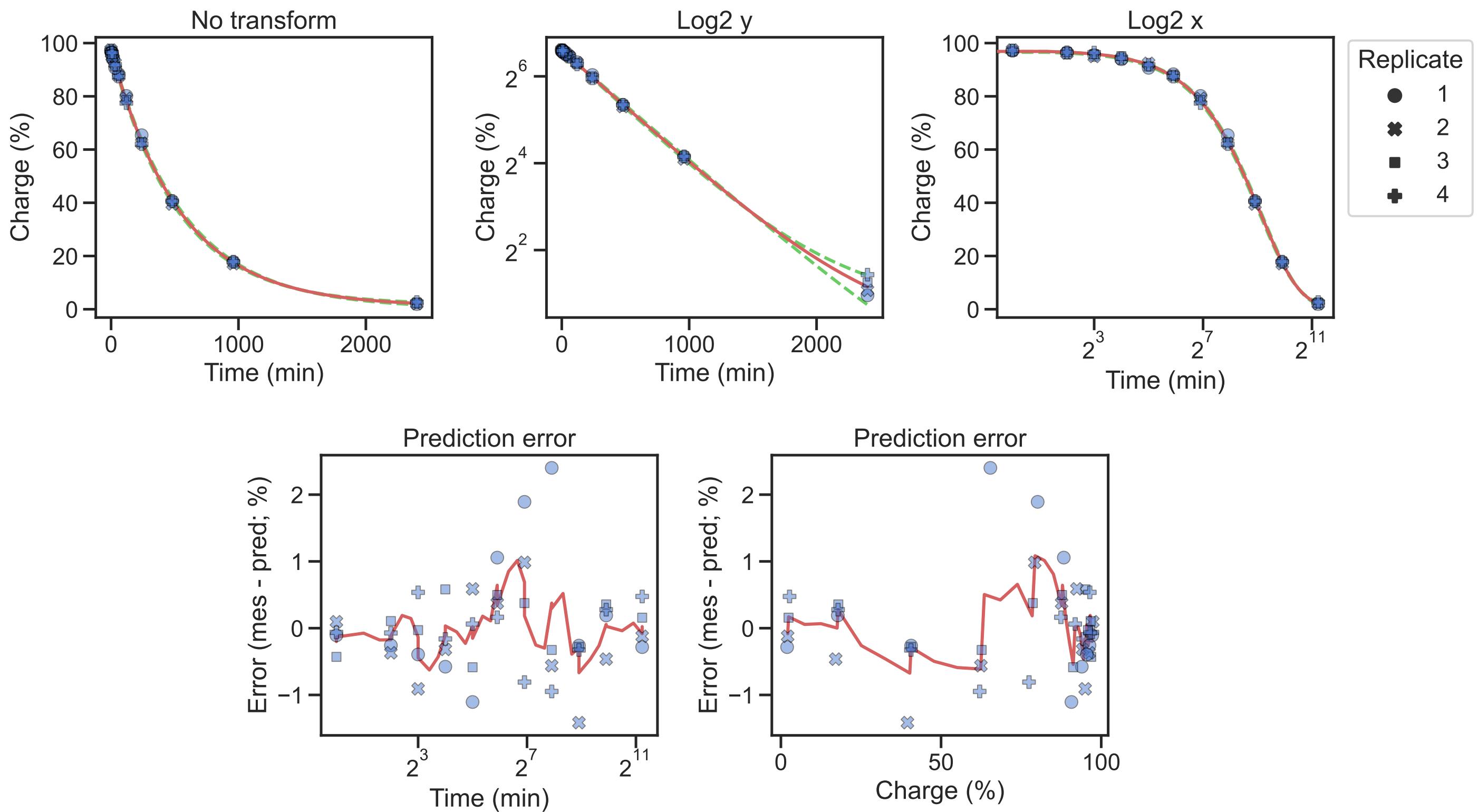
Ala-CGC-4-1 half-life=563 min, 95% CI (534; 599)



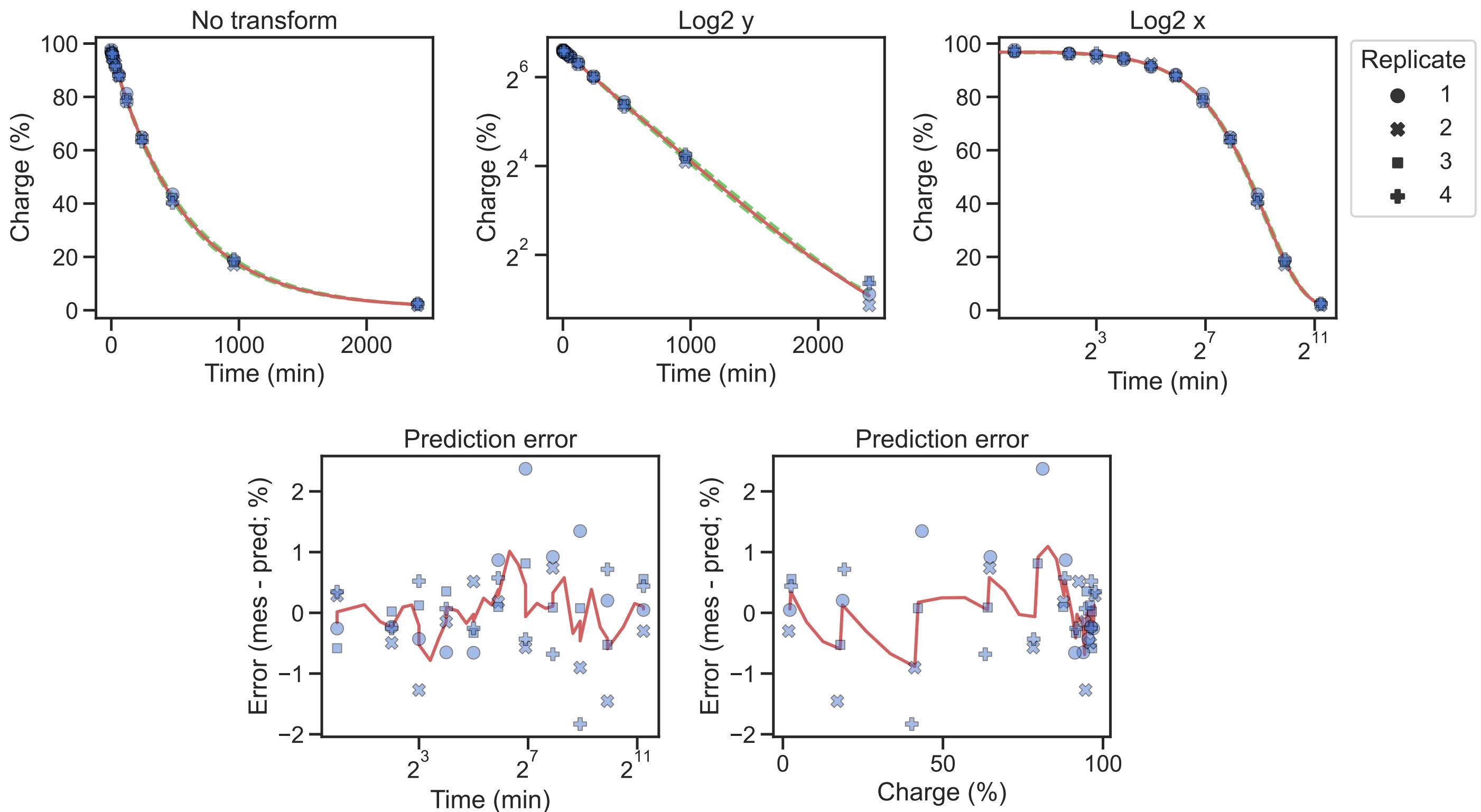
Ala-TGC-1-1 half-life=408 min, 95% CI (395; 421)



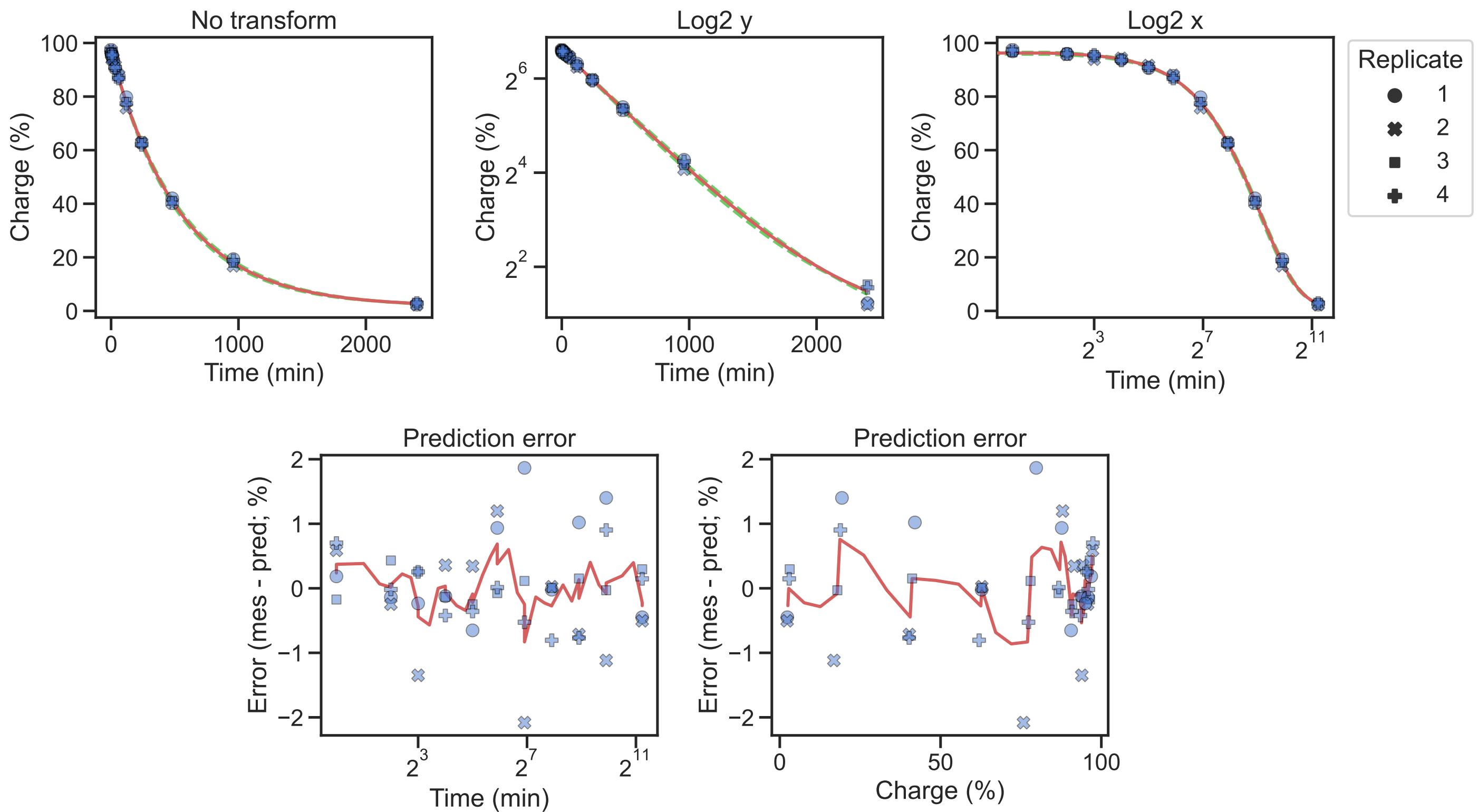
Ala-TGC-2-1 half-life=378 min, 95% CI (365; 393)



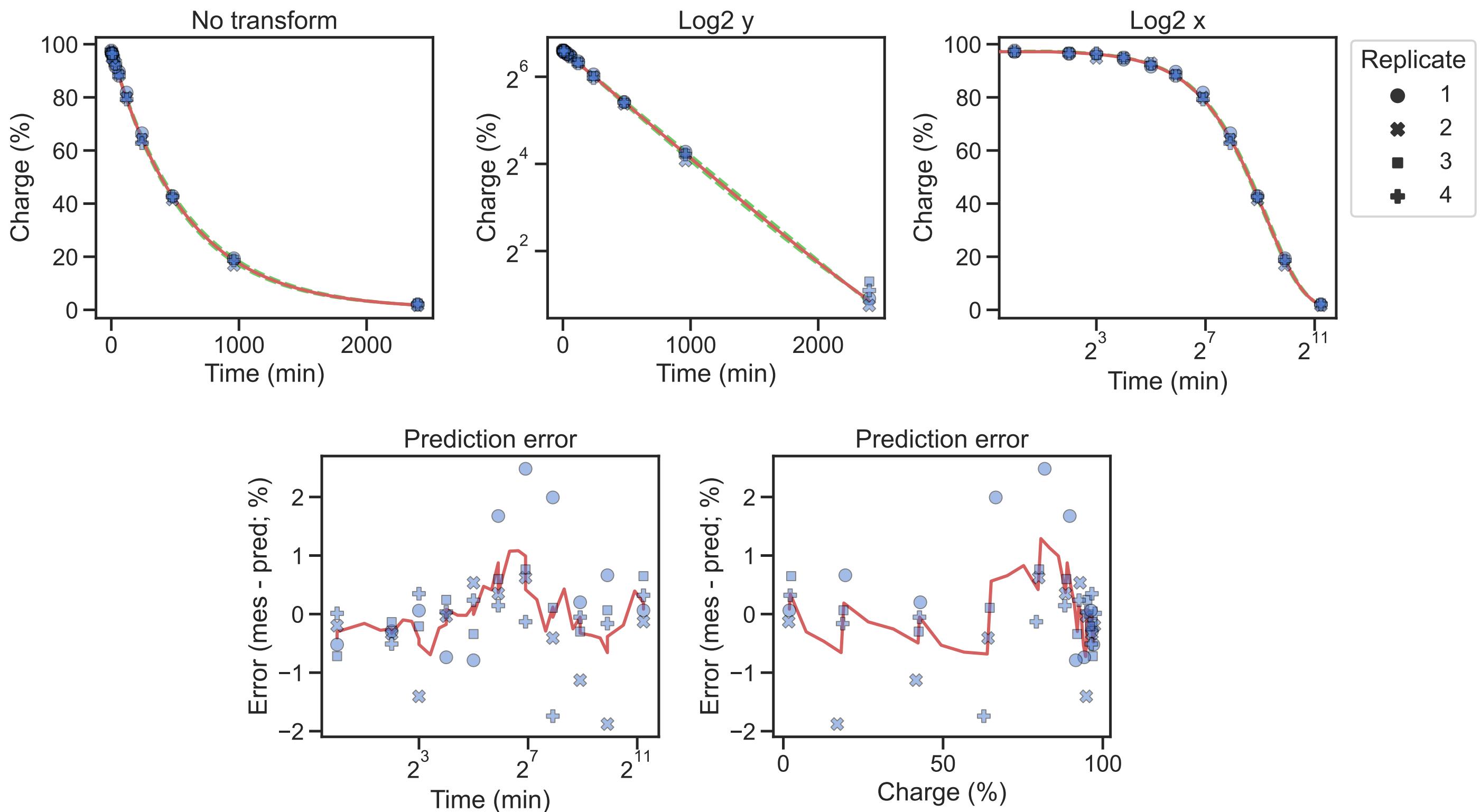
Ala-TGC-3-1 half-life=393 min, 95% CI (379; 408)



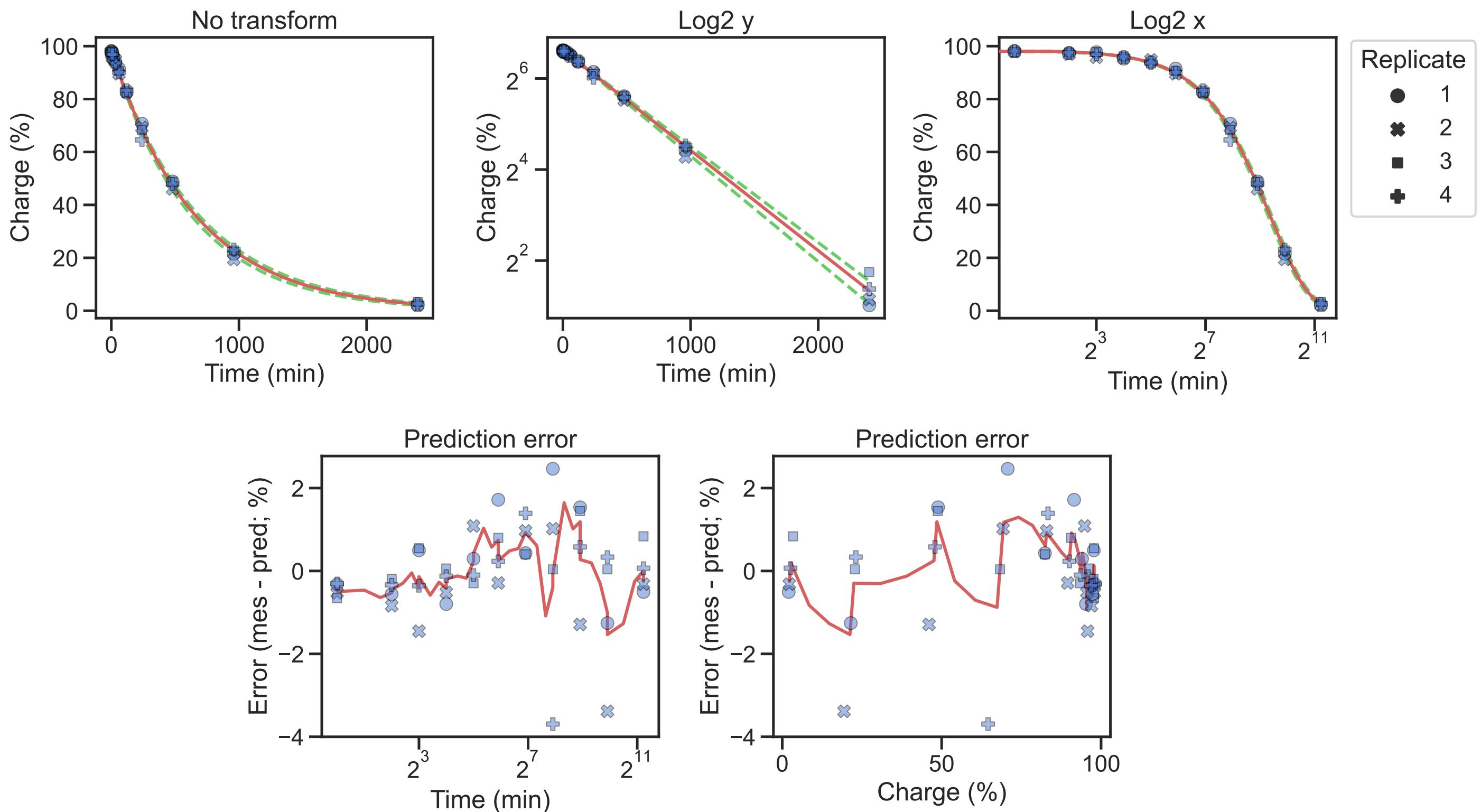
Ala-TGC-4-1 half-life=378 min, 95% CI (365; 391)



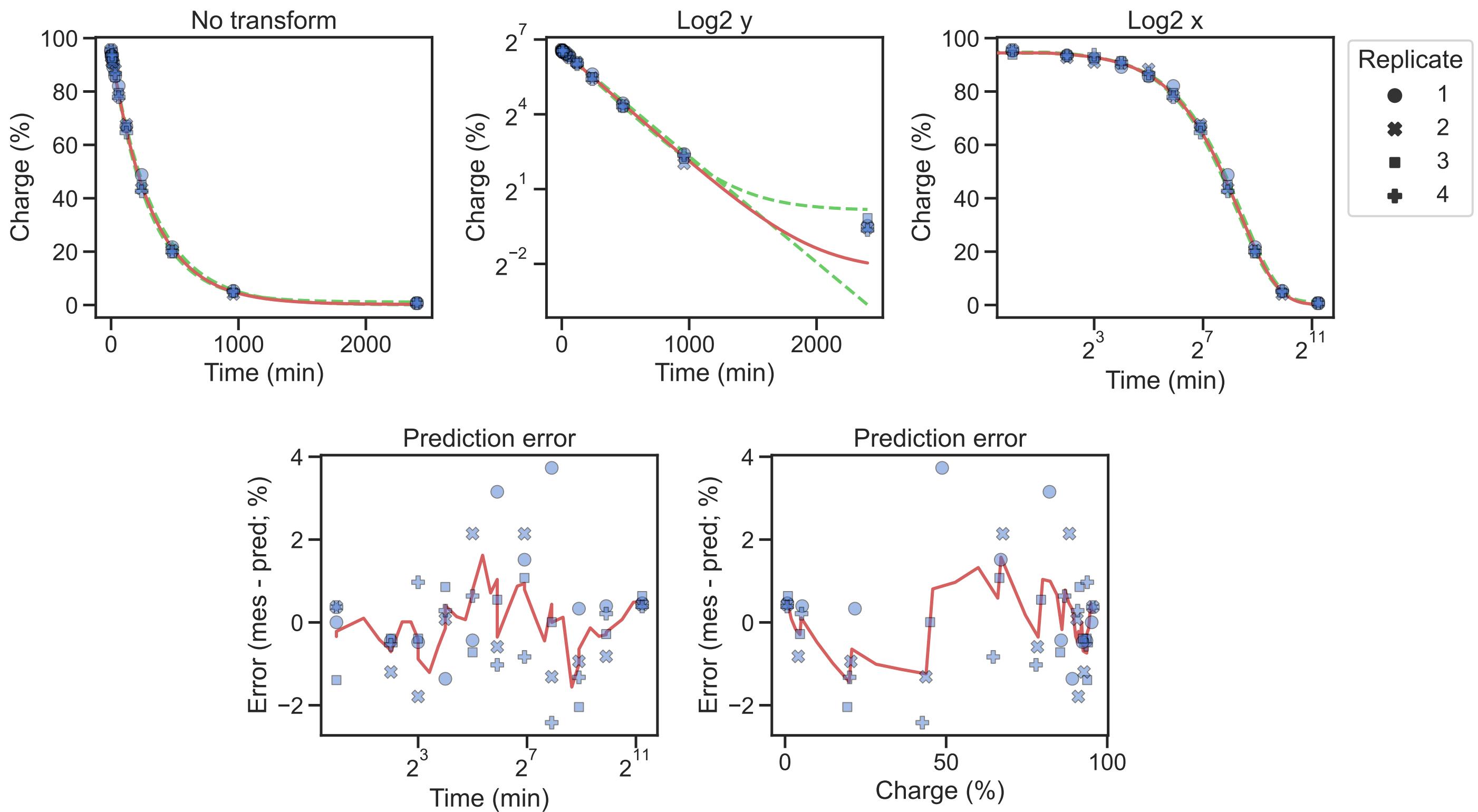
Ala-TGC-5-1 half-life=400 min, 95% CI (388; 414)



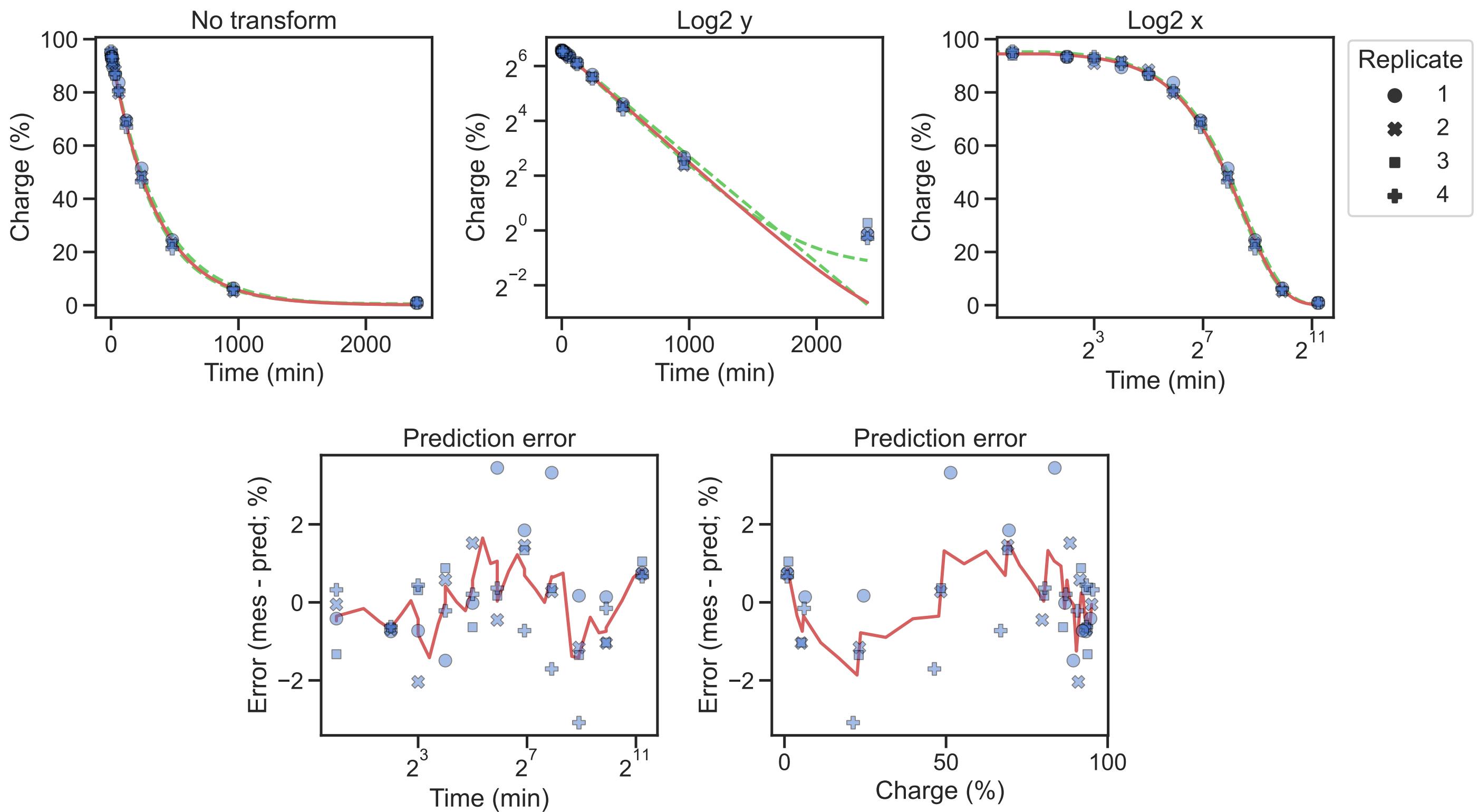
Ala-TGC-6-1 half-life=454 min, 95% CI (431; 474)



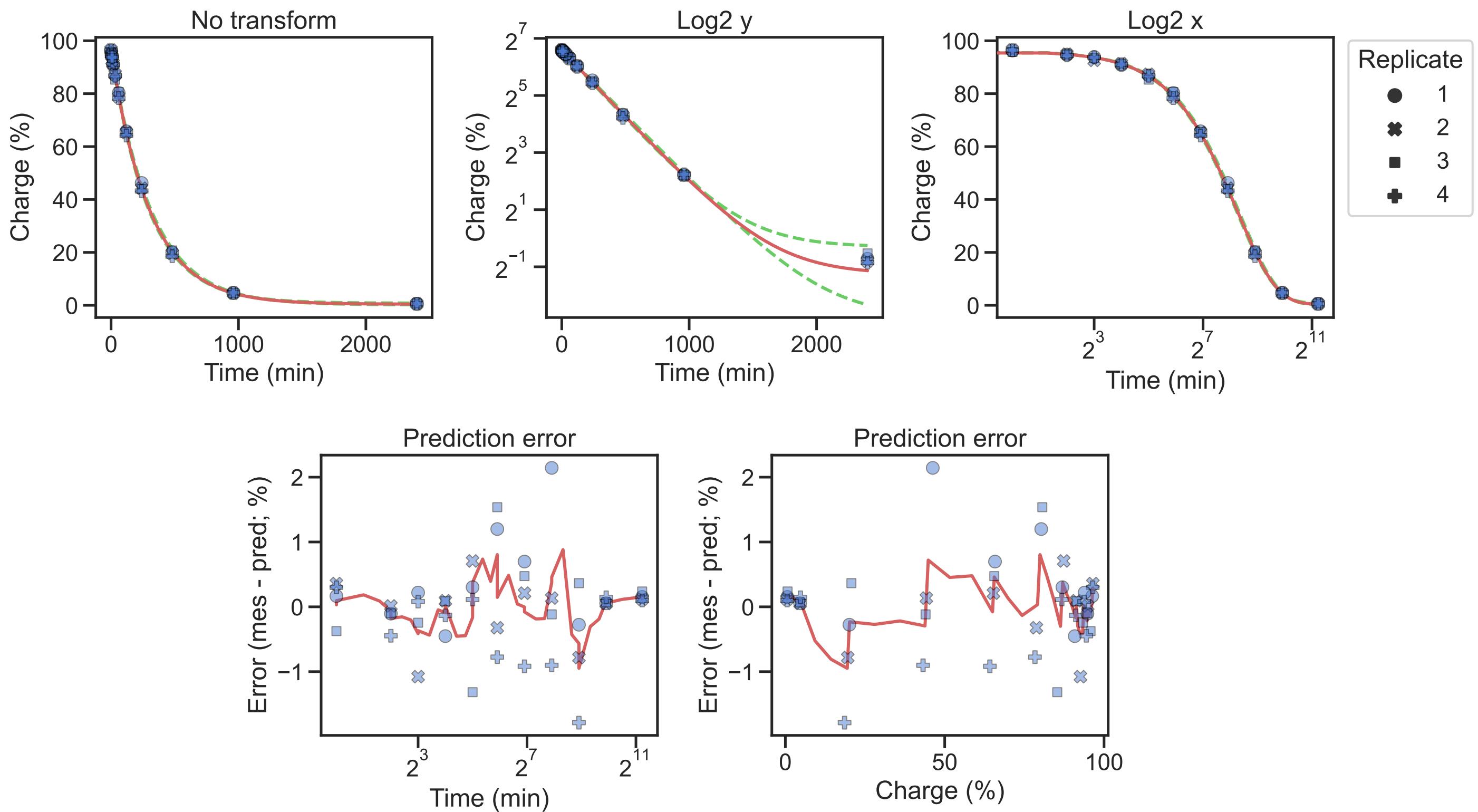
Arg-ACG-1-1 half-life=222 min, 95% CI (207; 235)



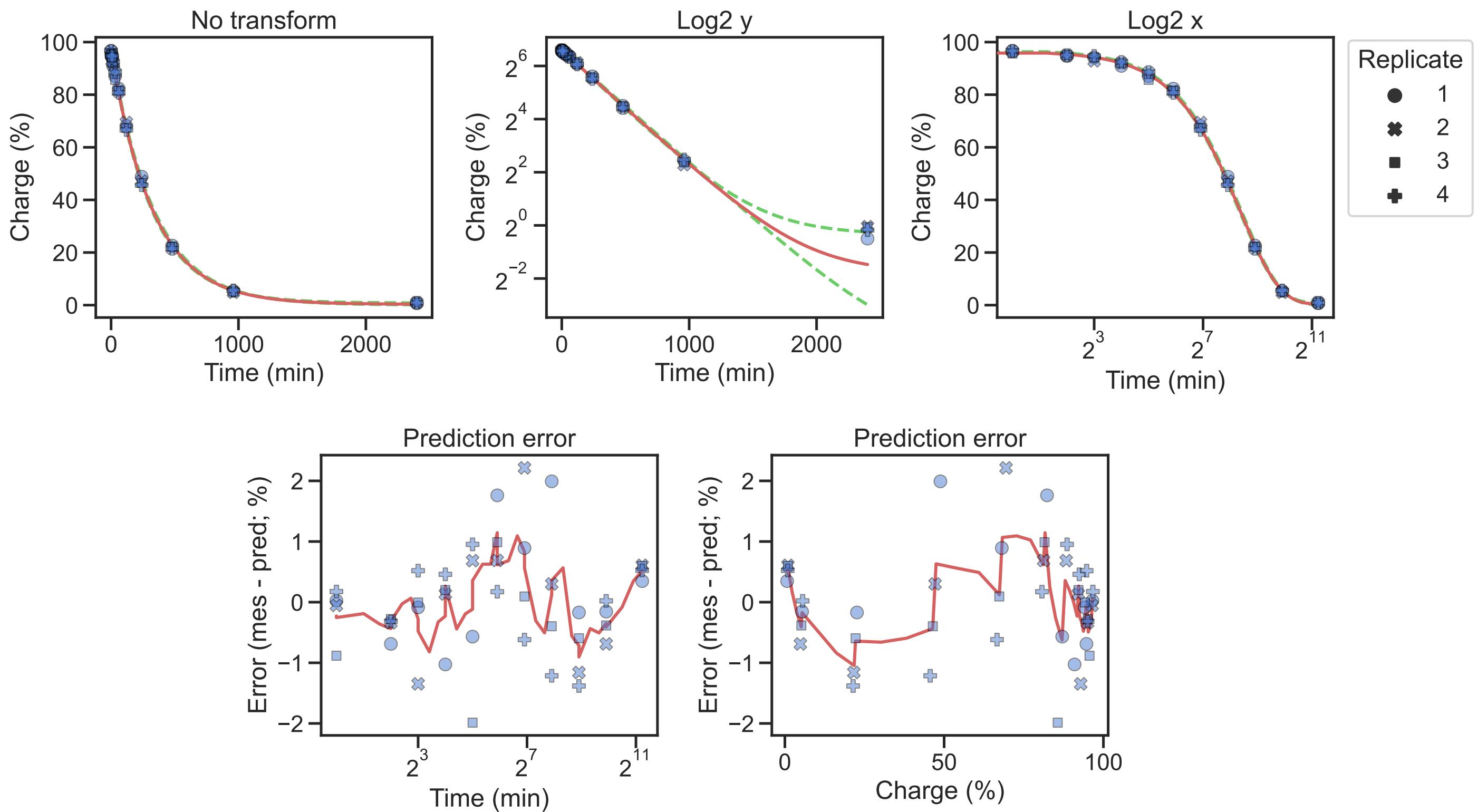
Arg-ACG-2-1 half-life=244 min, 95% CI (233; 258)



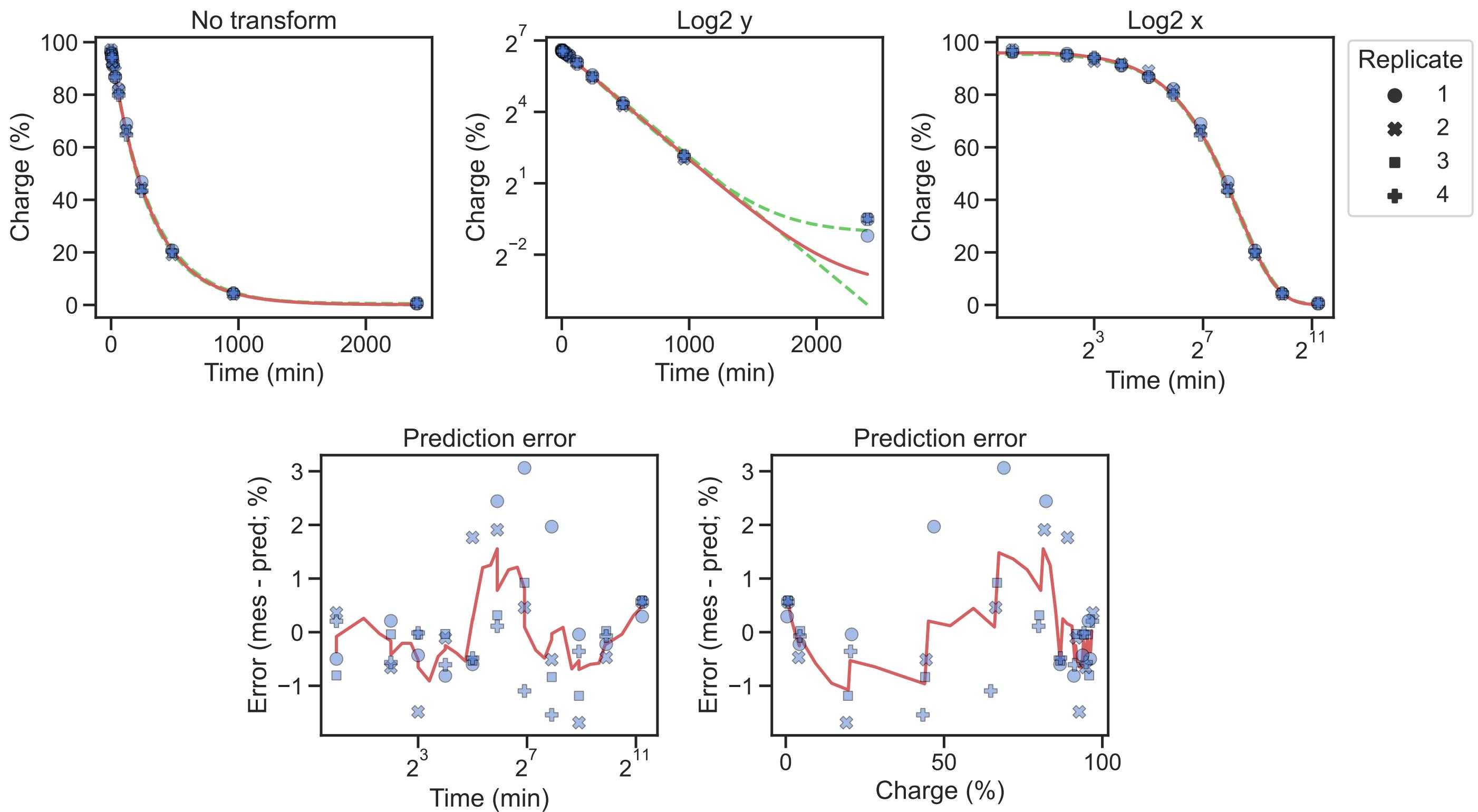
Arg-CCG-1-1 half-life=212 min, 95% CI (206; 221)



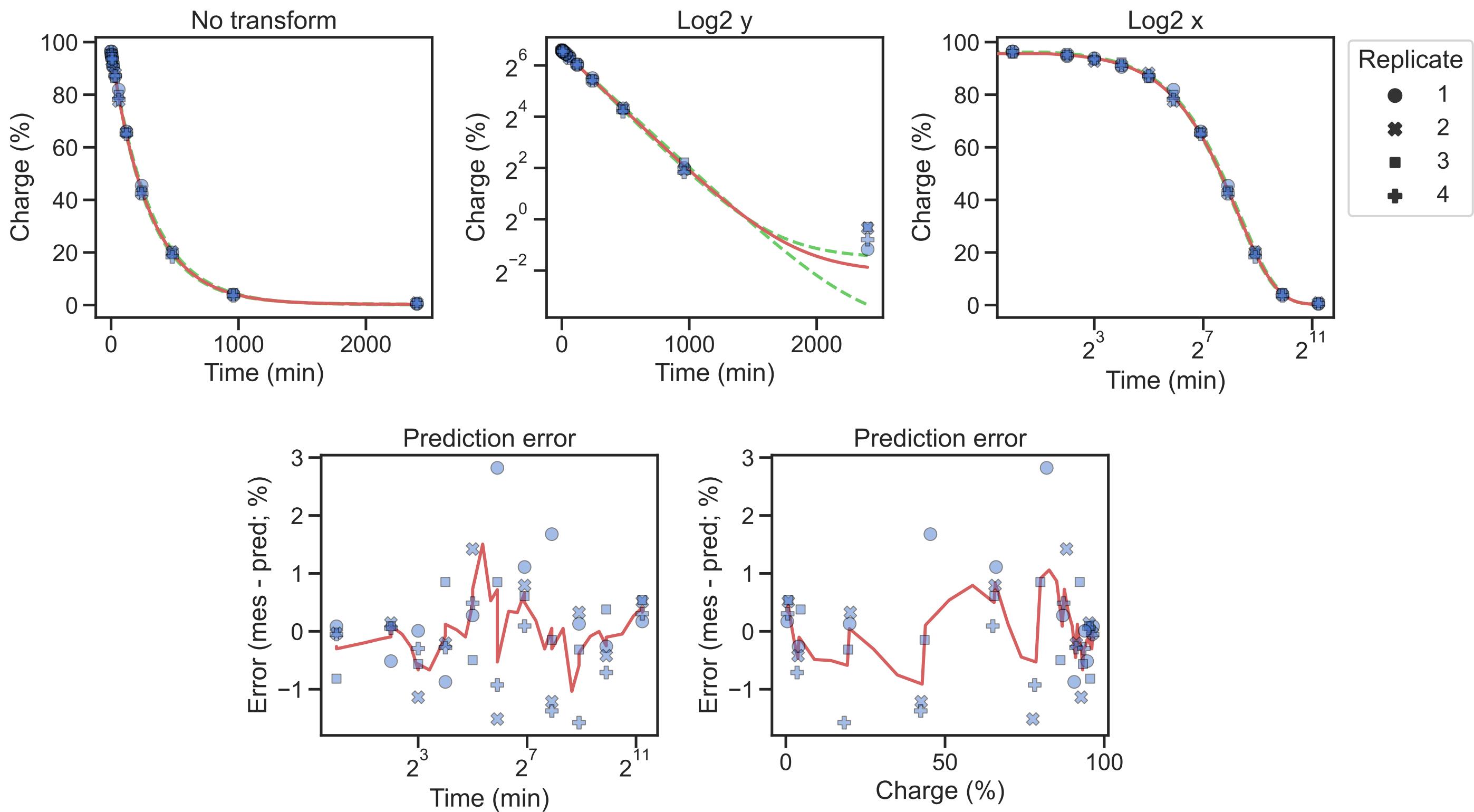
Arg-CCG-2-1 half-life=229 min, 95% CI (221; 236)



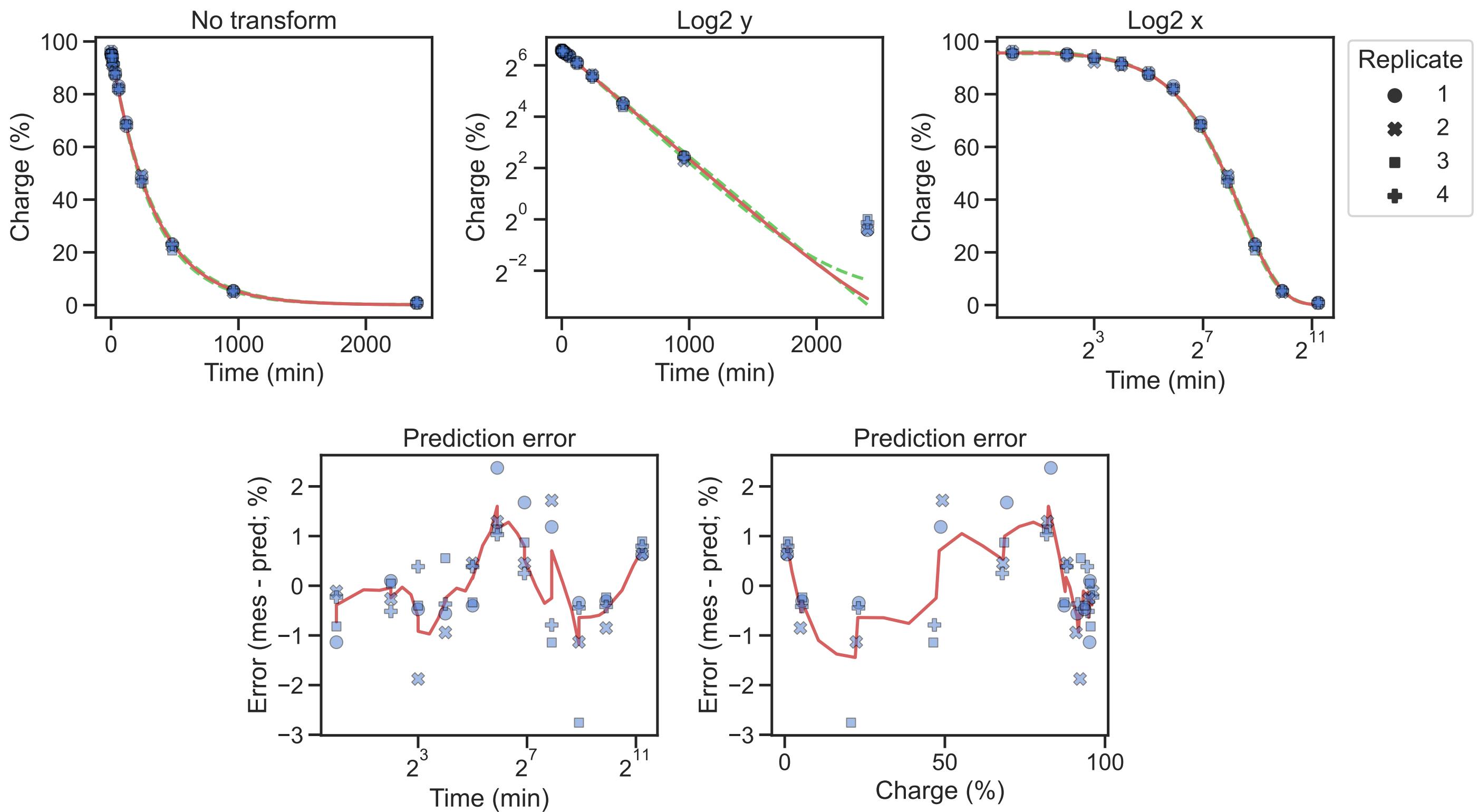
Arg-CCT-1-1 half-life=216 min, 95% CI (209; 224)



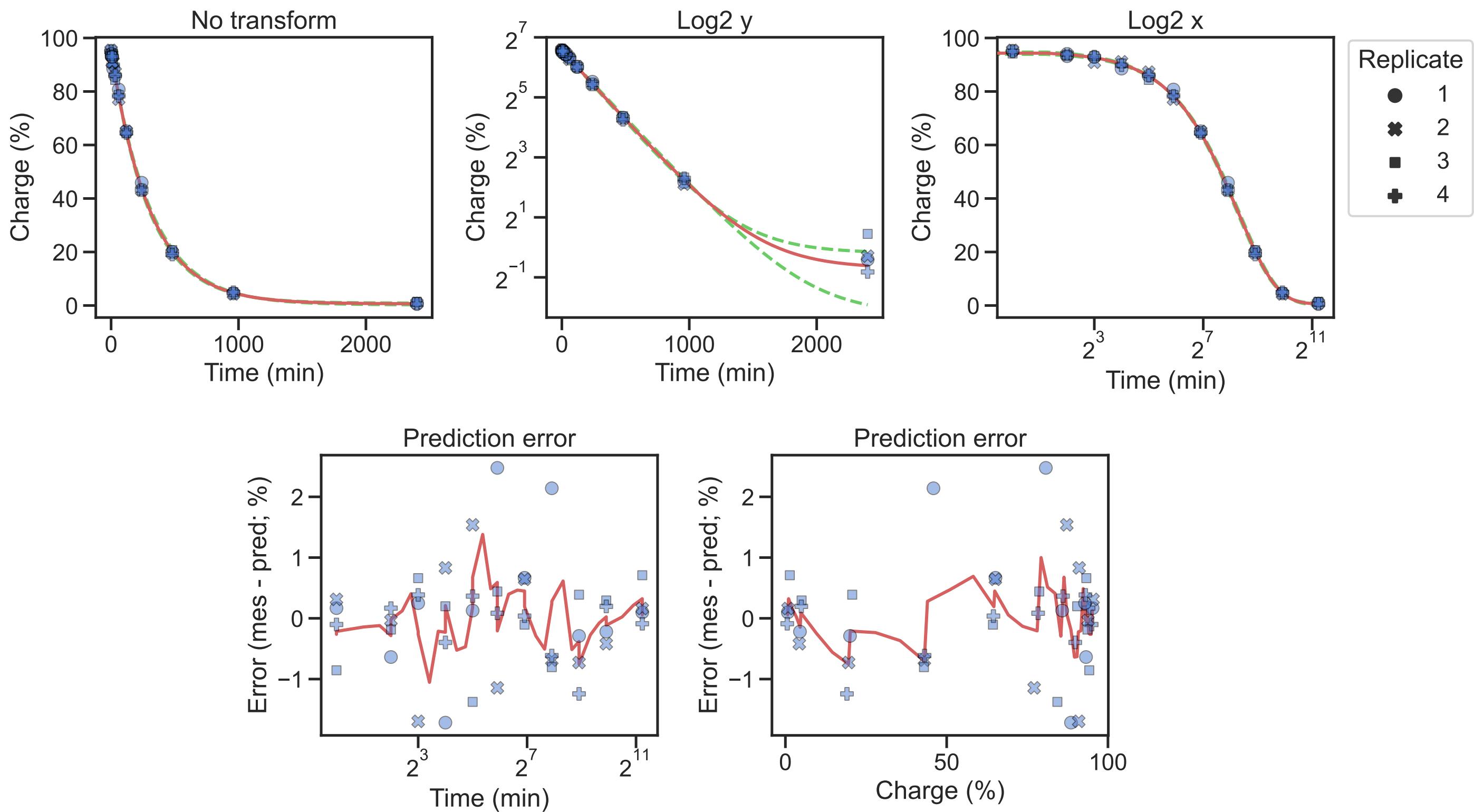
Arg-CCT-2-1 half-life=210 min, 95% CI (203; 218)



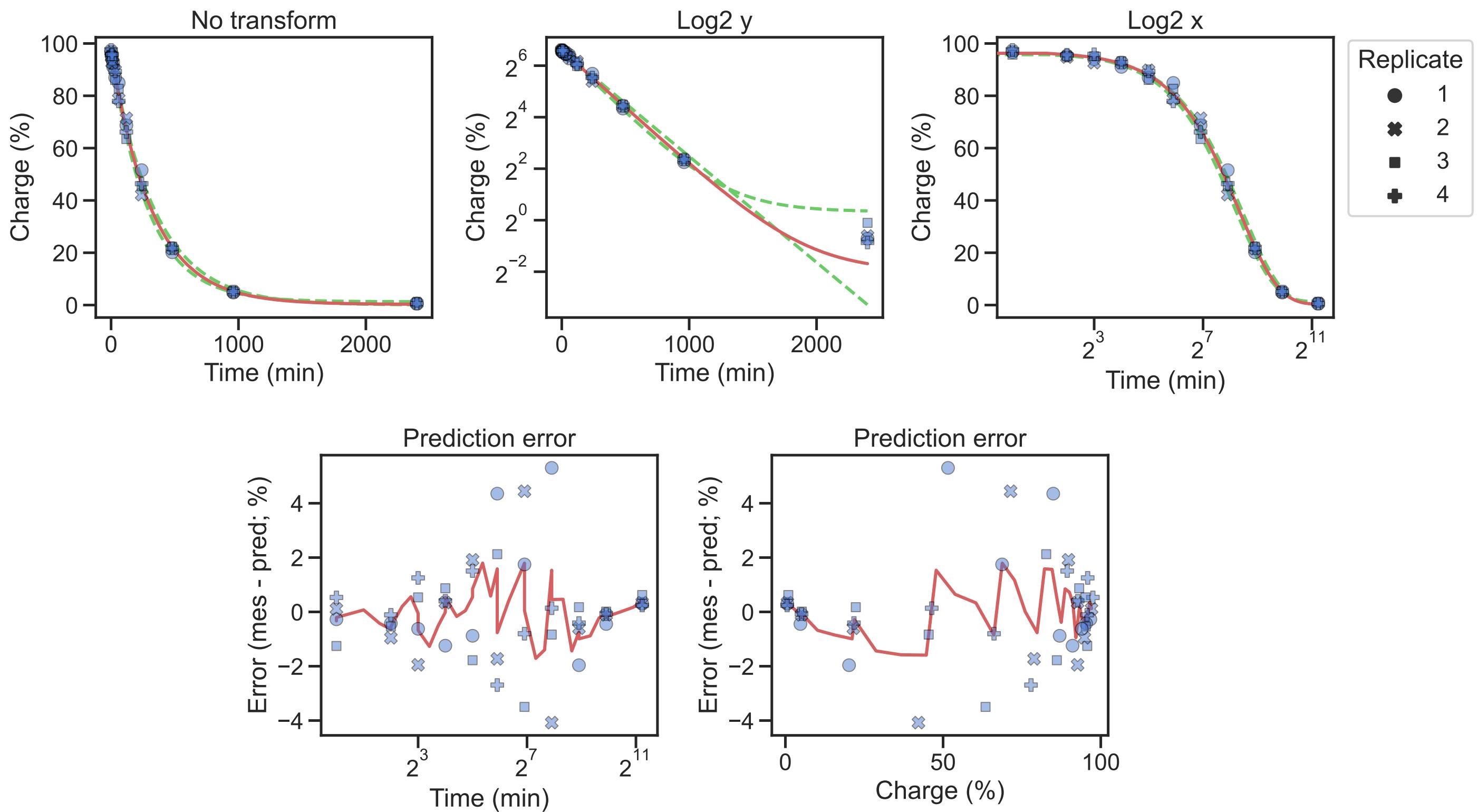
Arg-CCT-3-1 half-life=235 min, 95% CI (226; 242)



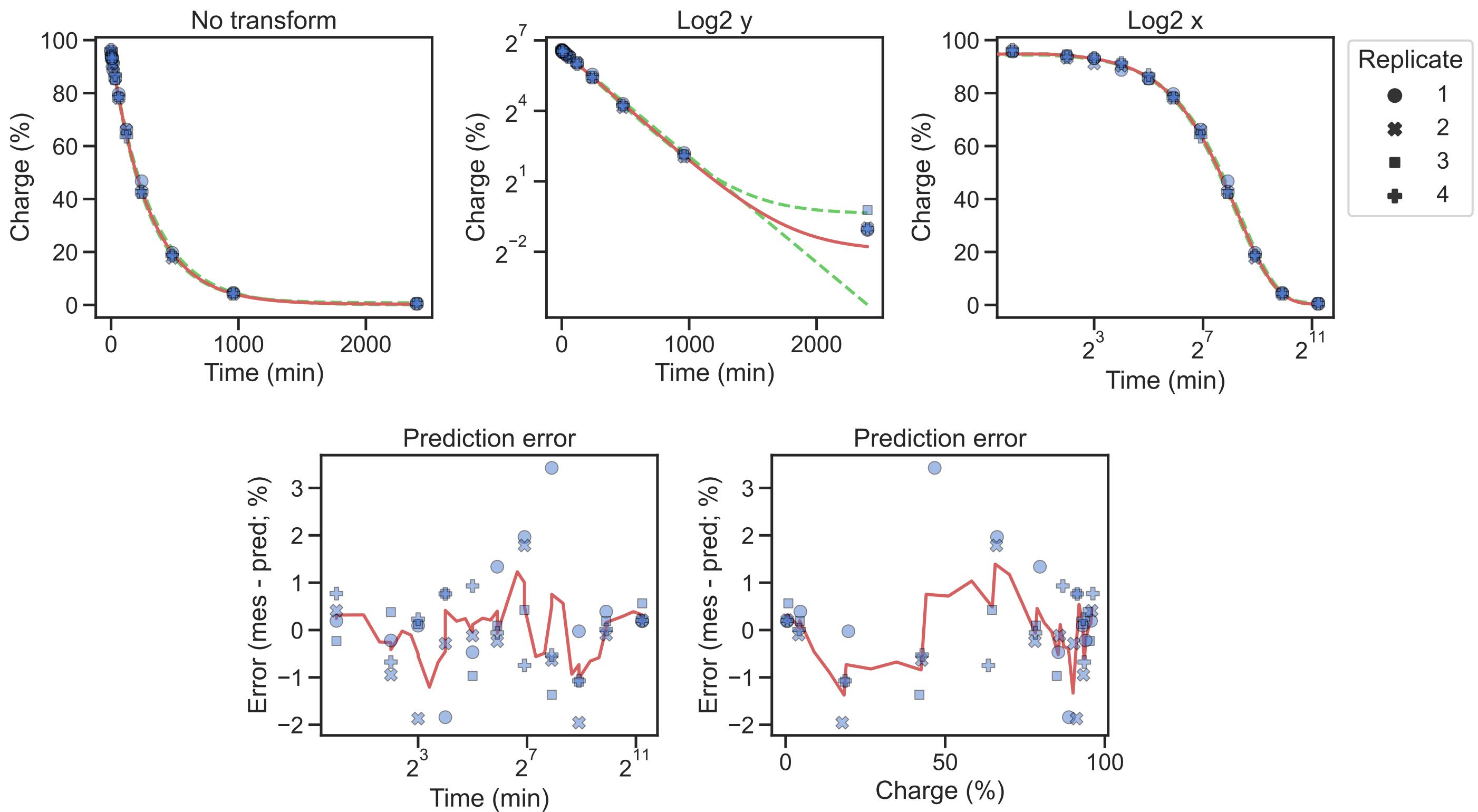
Arg-CCT-4-1 half-life=212 min, 95% CI (206; 221)



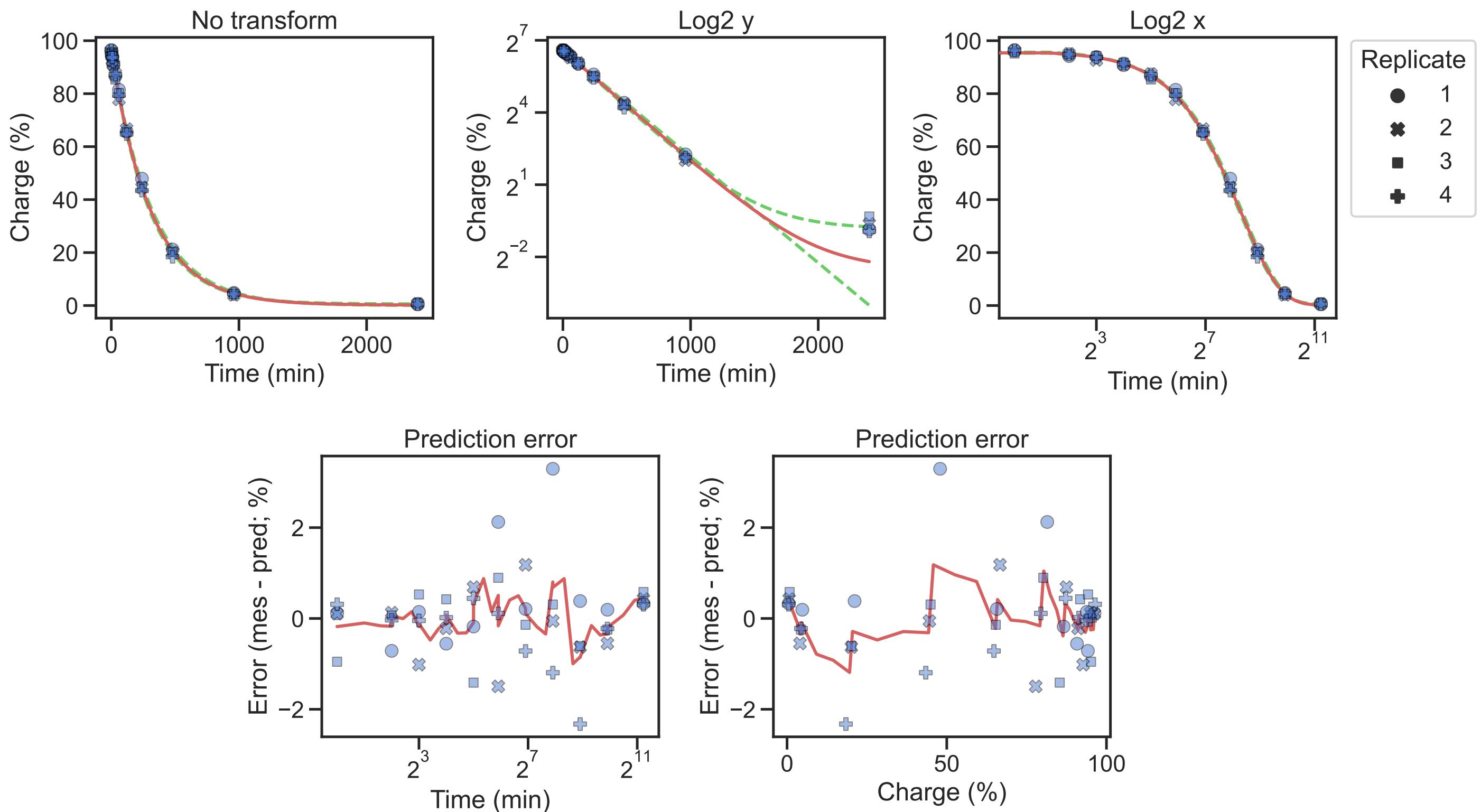
Arg-TCG-1-1 half-life=224 min, 95% CI (202; 243)



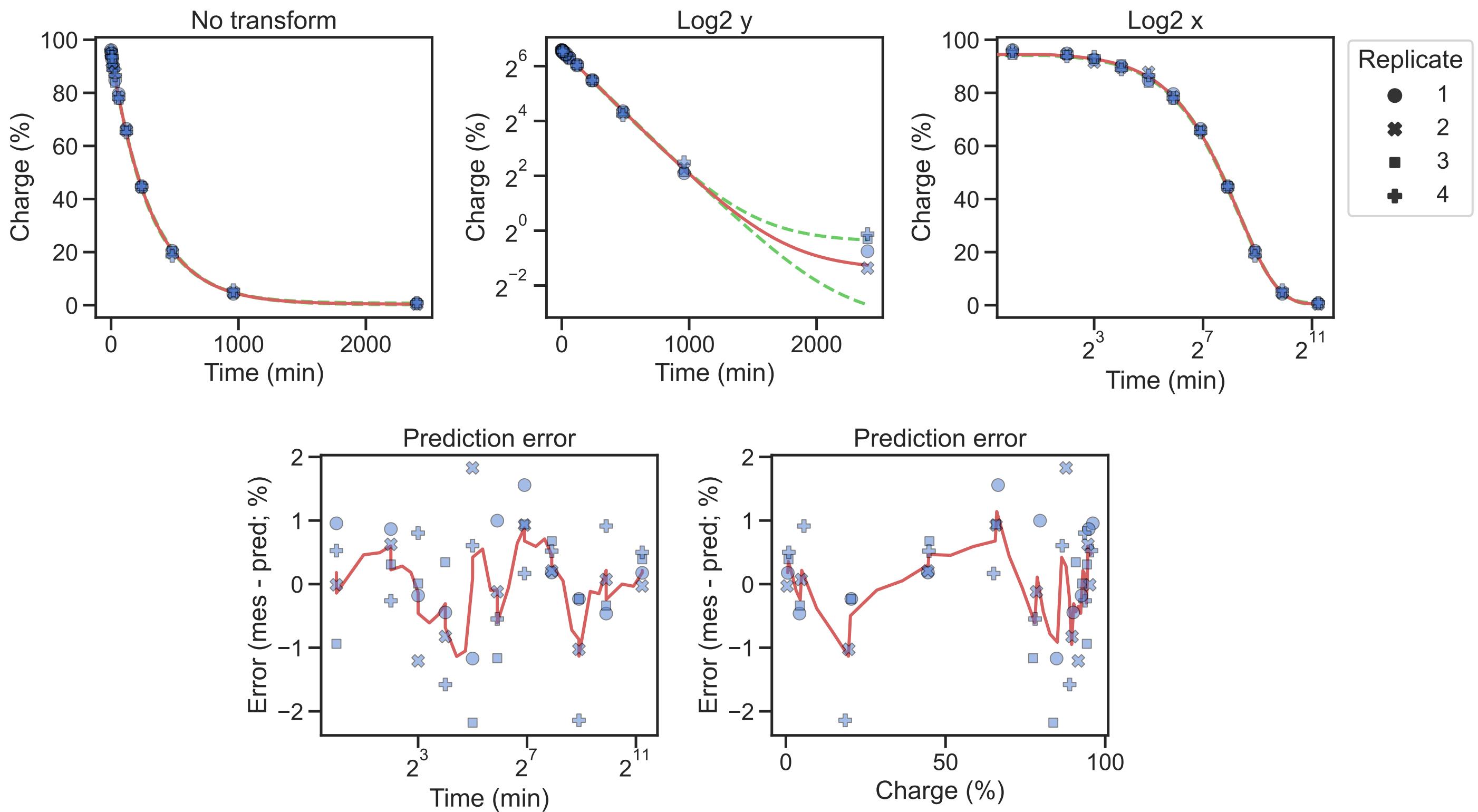
Arg-TCG-2-1 half-life=209 min, 95% CI (200; 222)



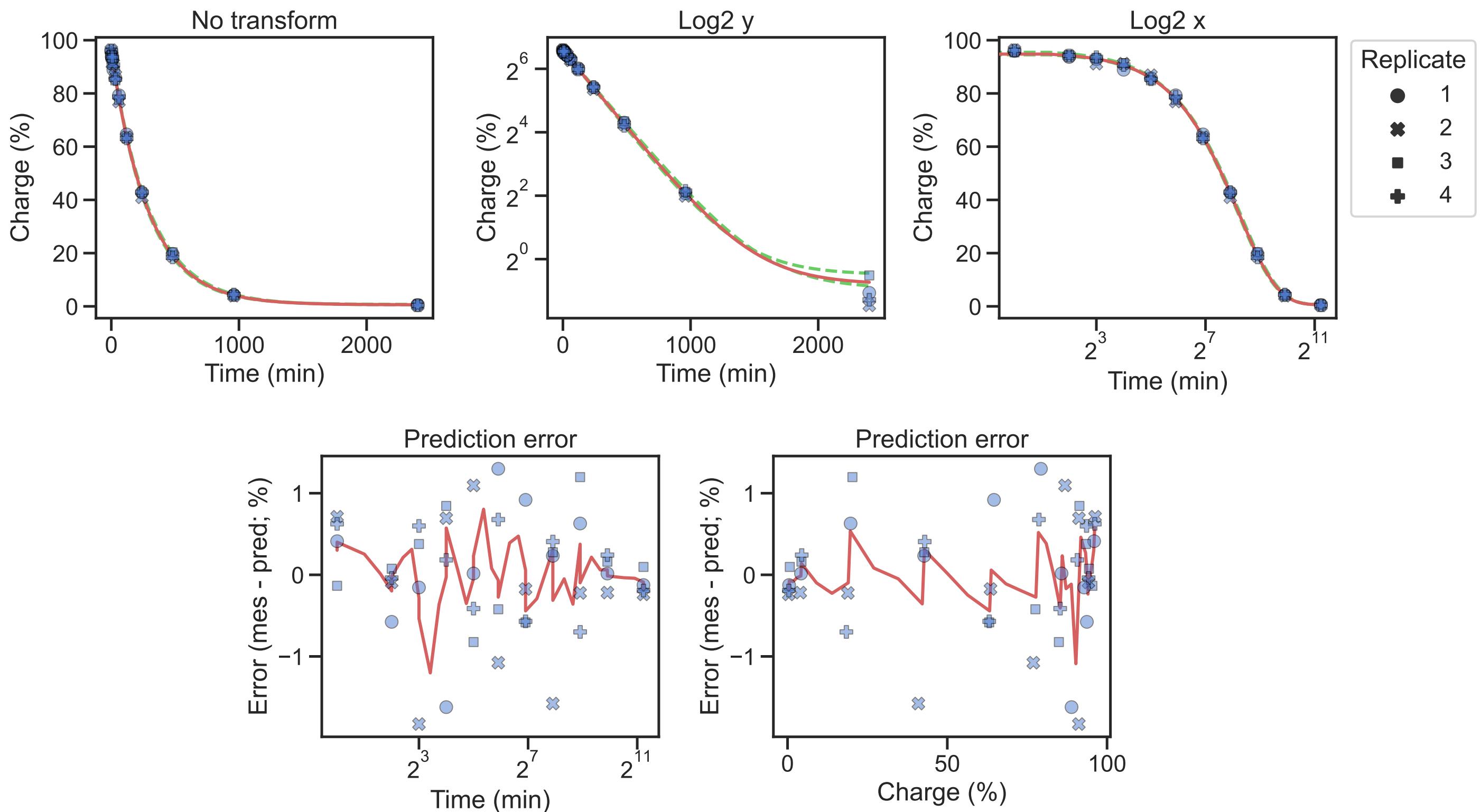
Arg-TCG-3-1 half-life=216 min, 95% CI (208; 226)



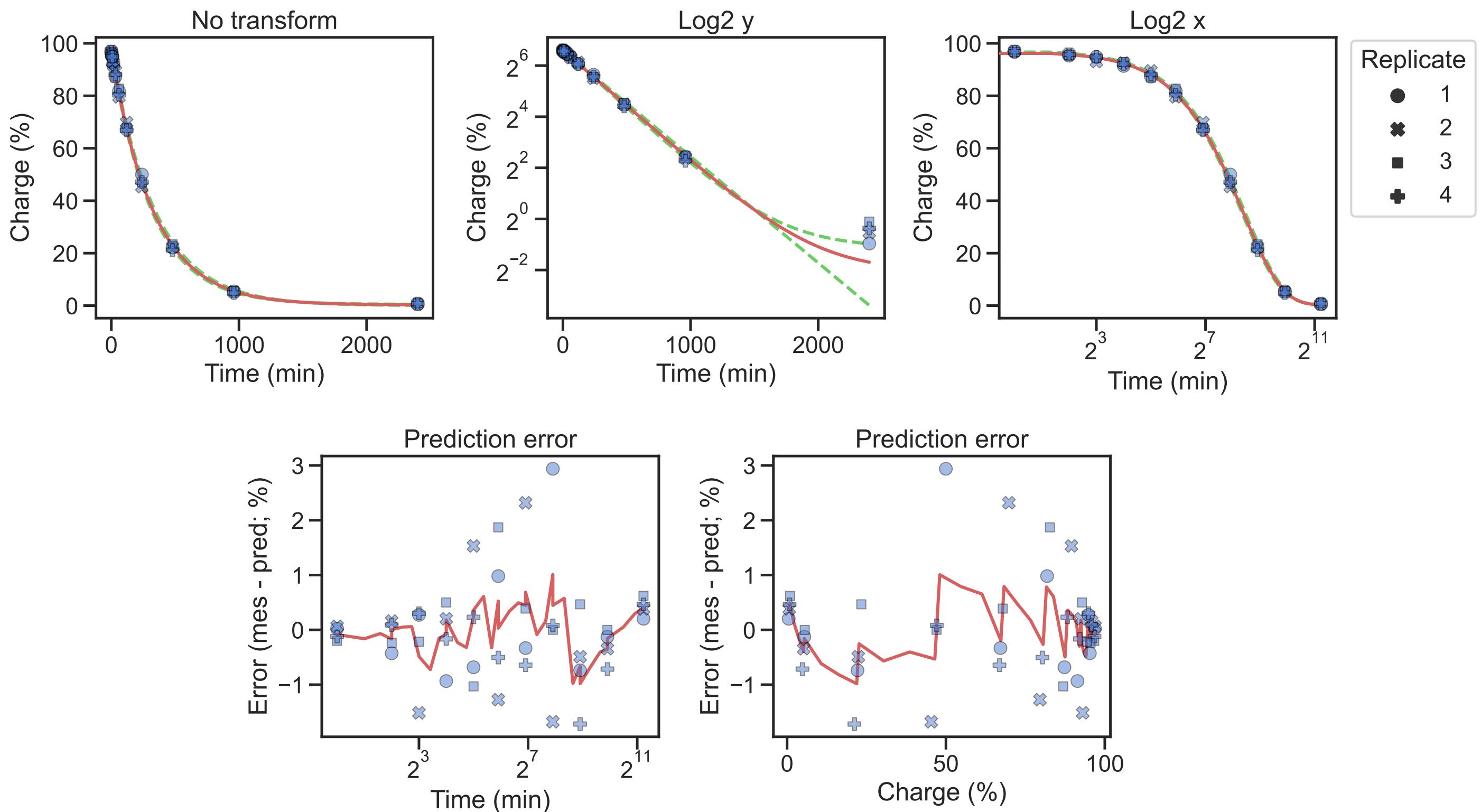
Arg-TCG-4-1 half-life=216 min, 95% CI (211; 221)



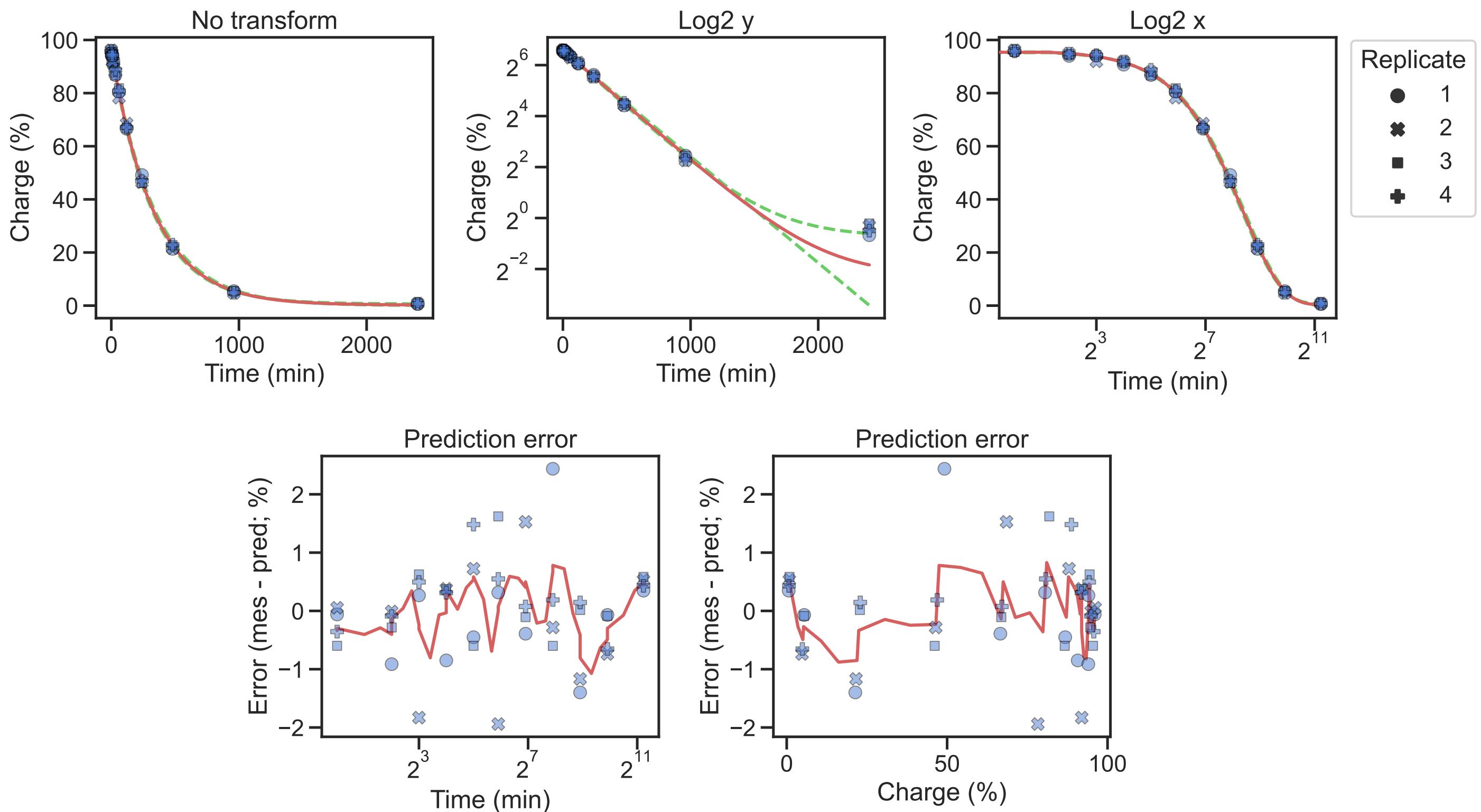
Arg-TCG-5-1 half-life=204 min, 95% CI (197; 211)



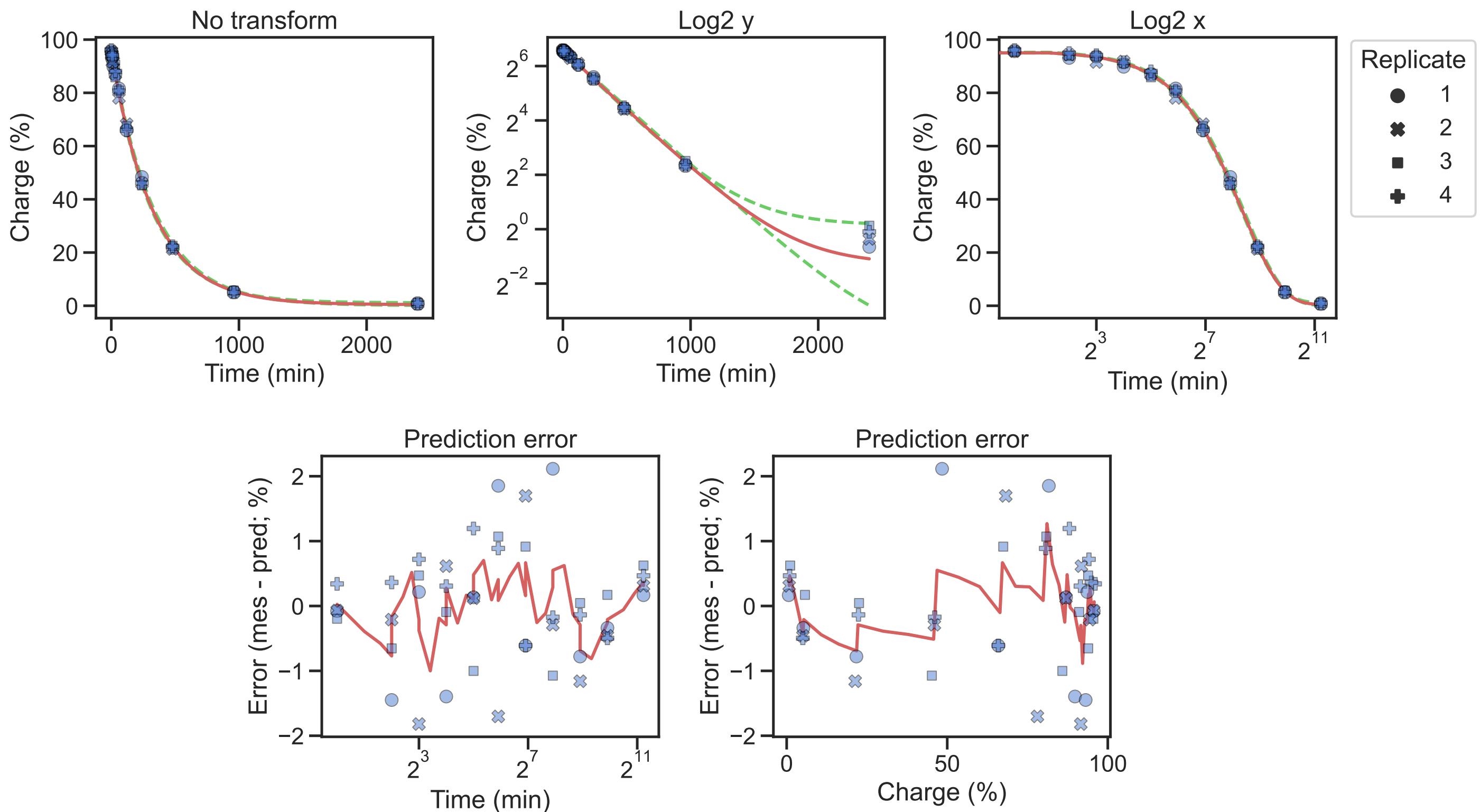
Arg-TCT-1-1 half-life=229 min, 95% CI (220; 240)



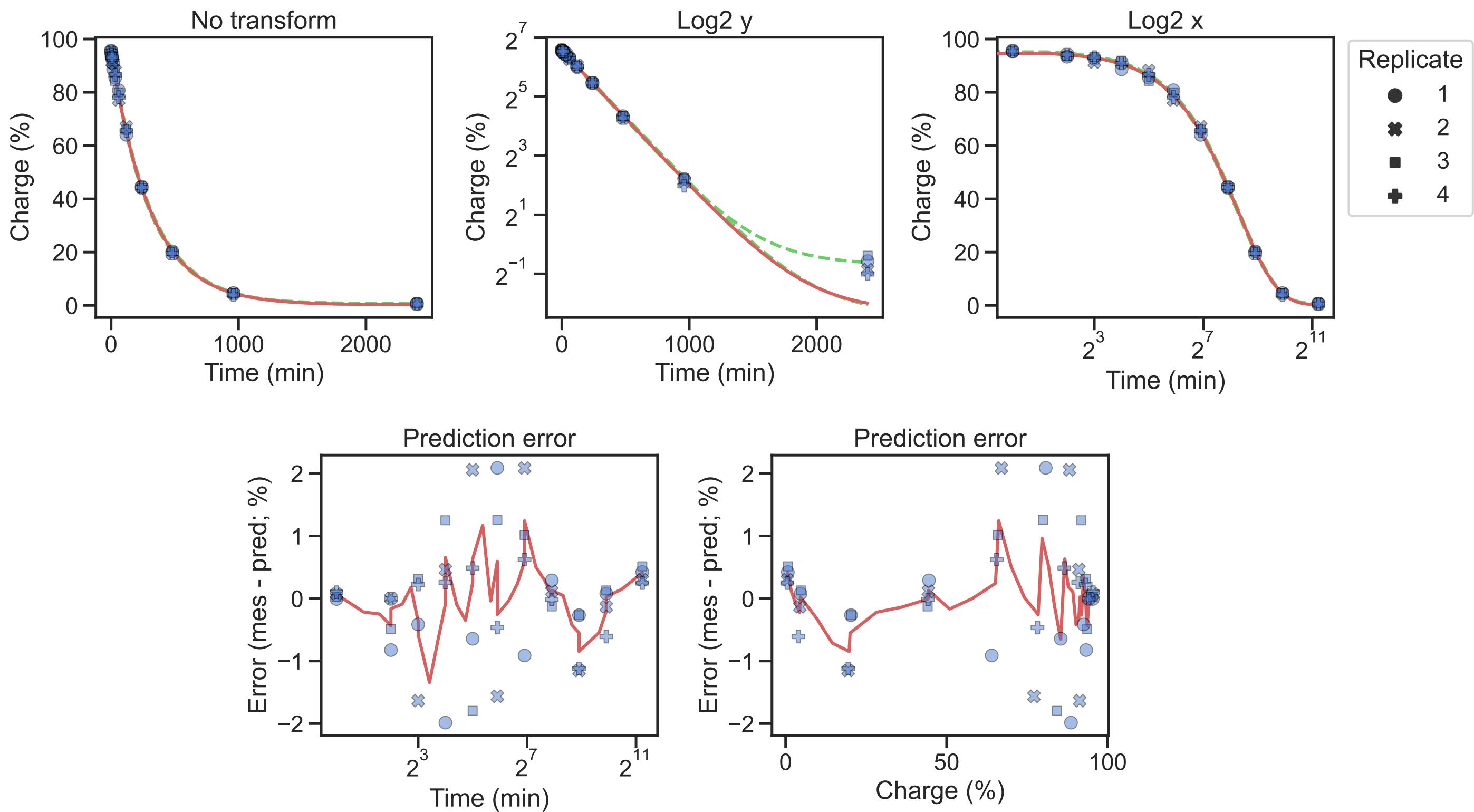
Arg-TCT-2-1 half-life=230 min, 95% CI (222; 240)



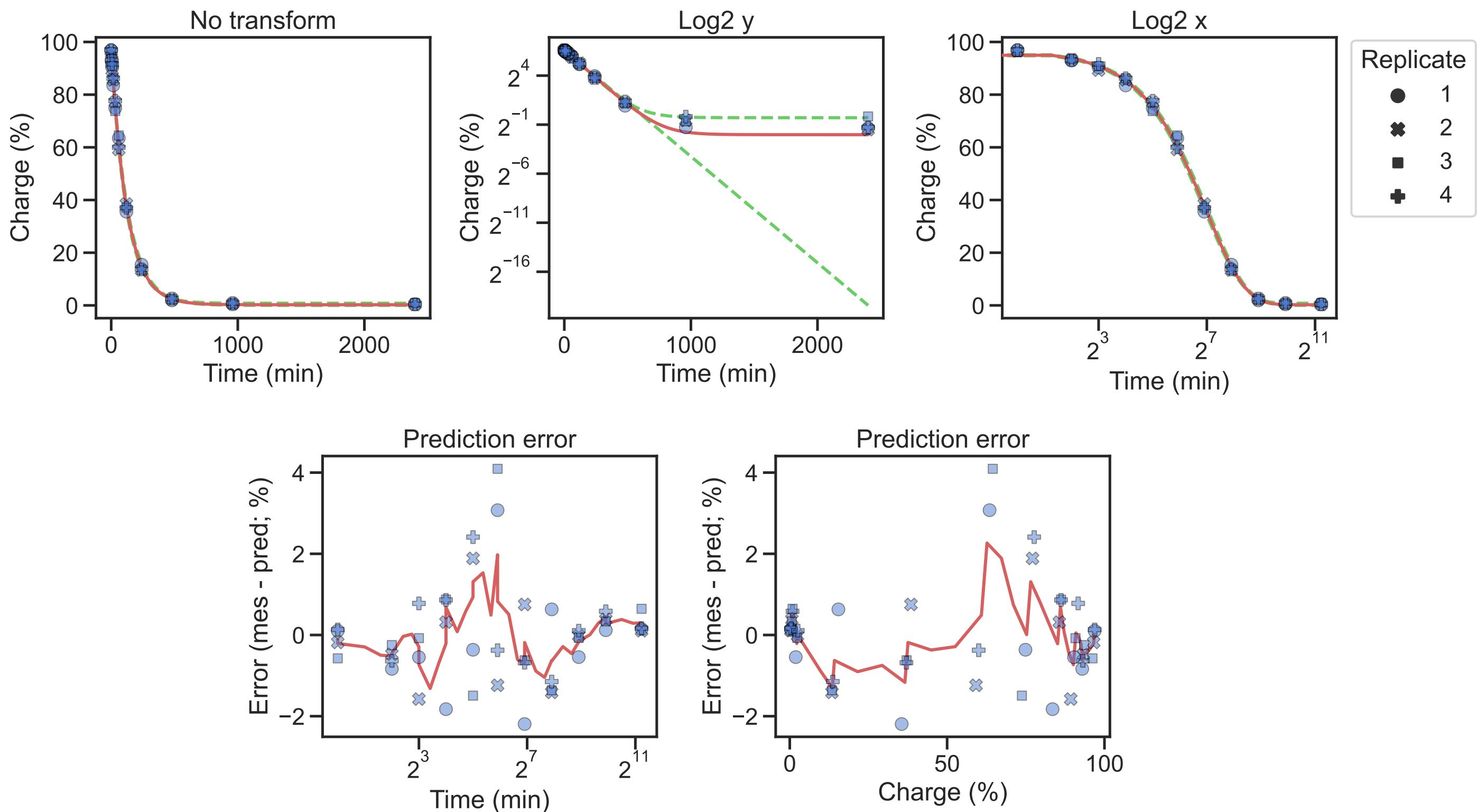
Arg-TCT-3-1 half-life=228 min, 95% CI (220; 238)



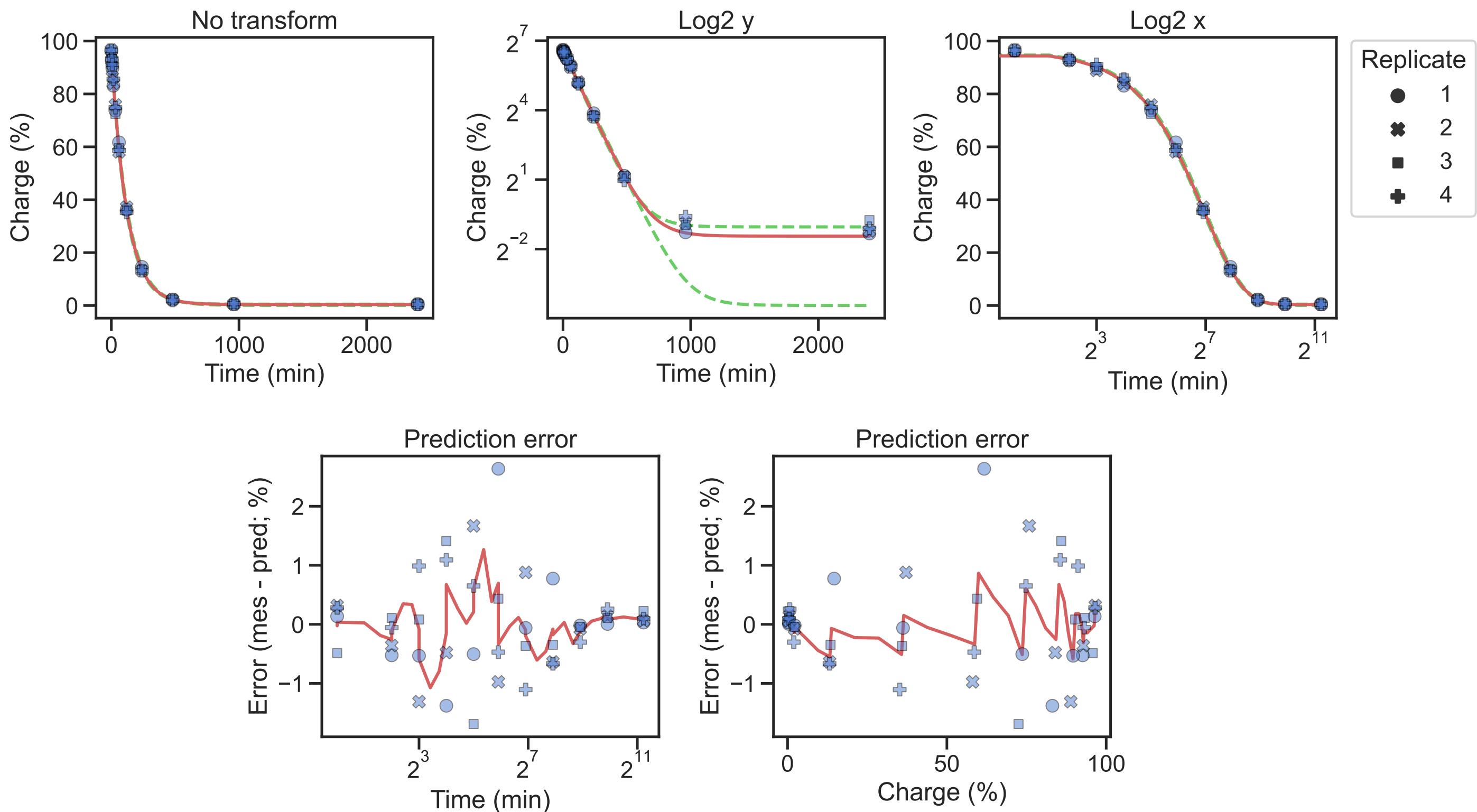
Arg-TCT-4-1 half-life=216 min, 95% CI (210; 220)



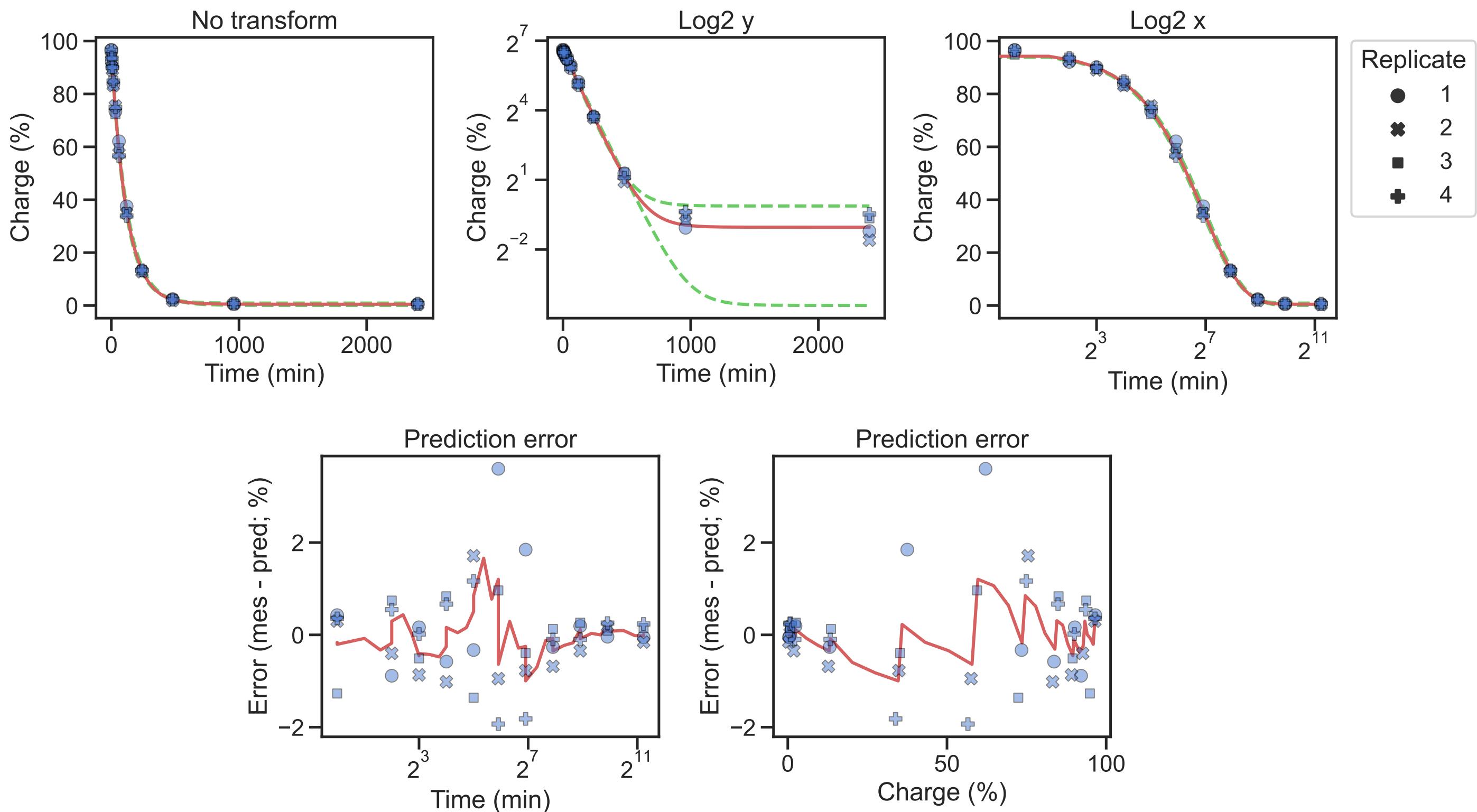
Asn-GTT-1-1 half-life=88 min, 95% CI (84; 92)



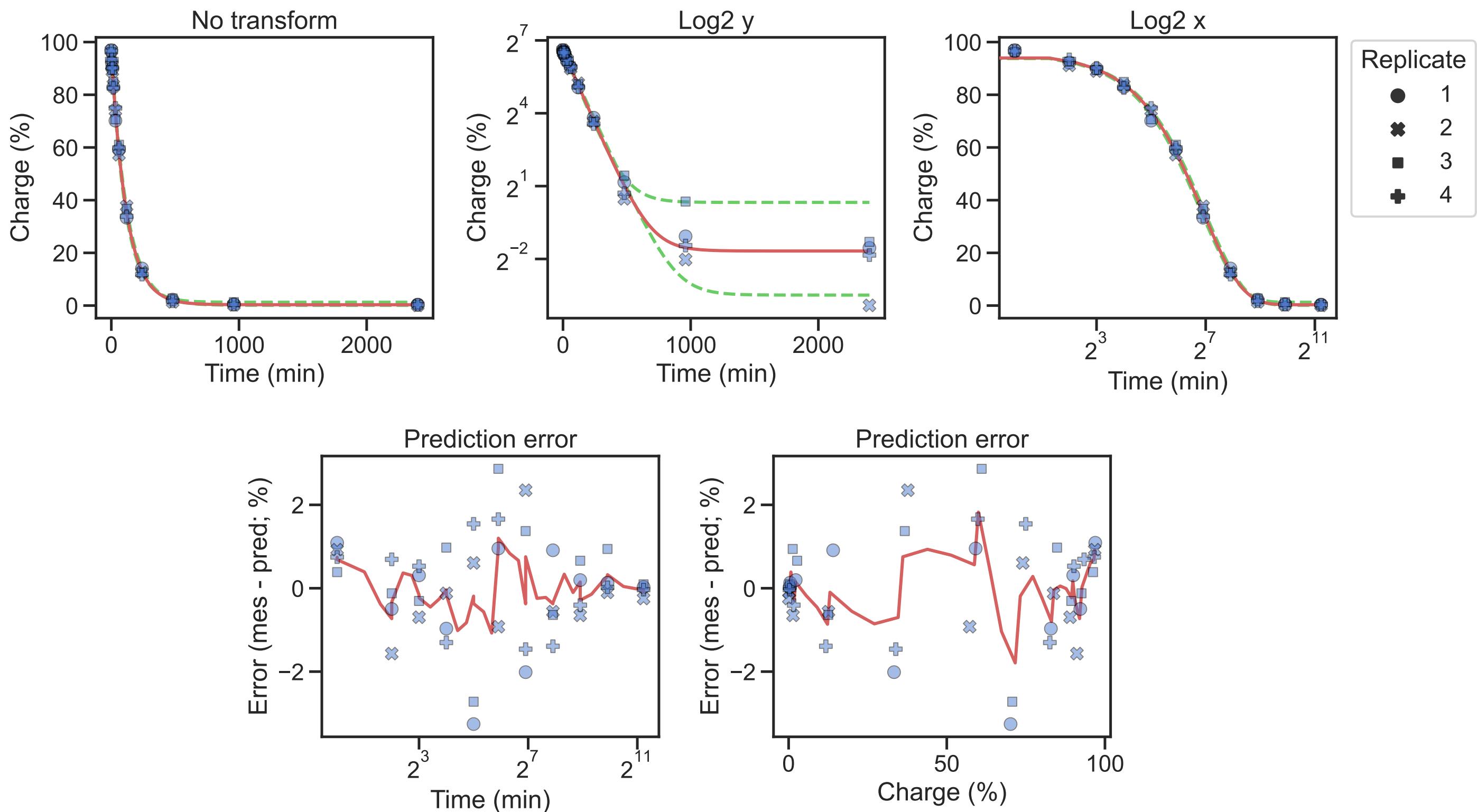
Asn-GTT-2-1 half-life=85 min, 95% CI (82; 88)



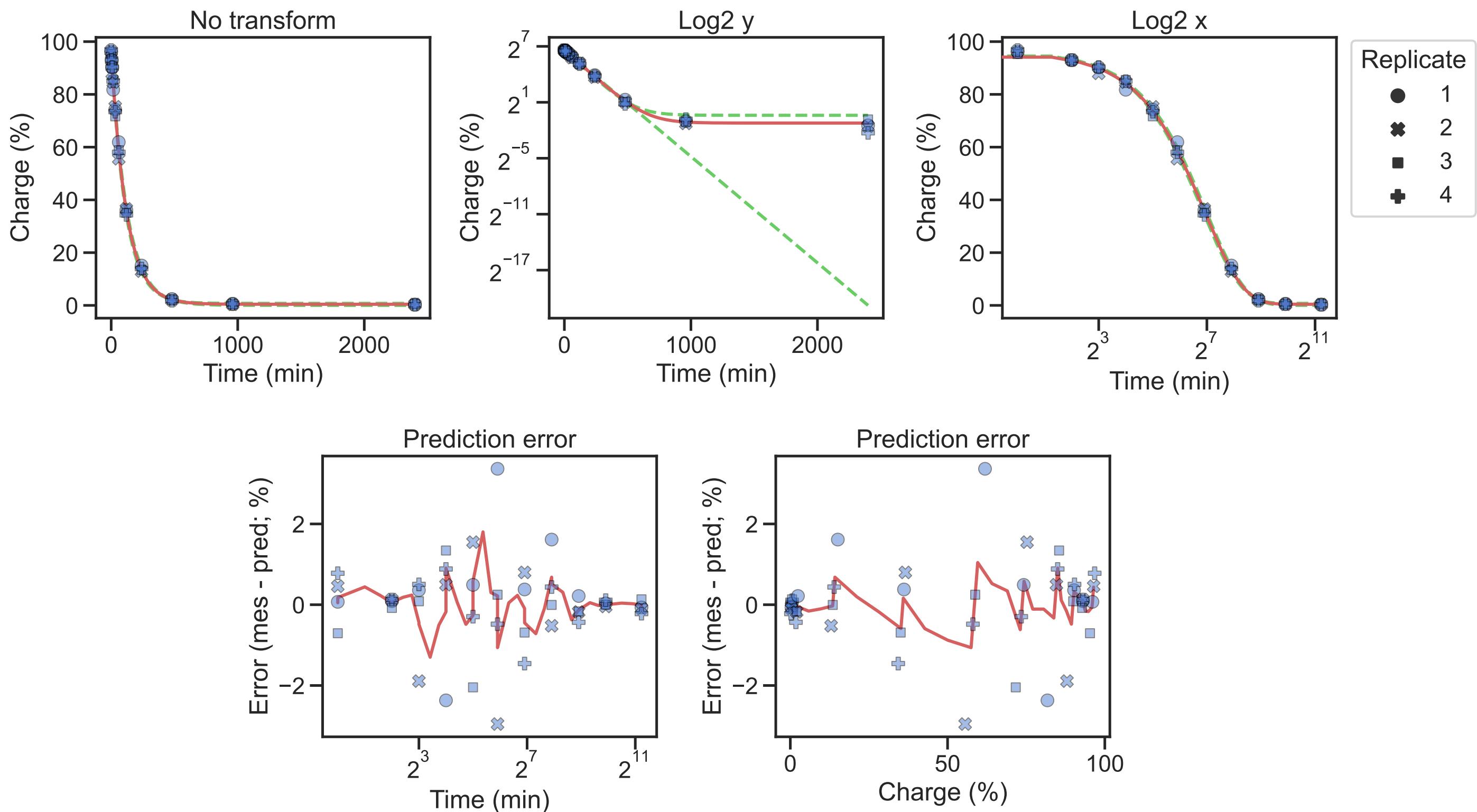
Asn-GTT-3-1 half-life=83 min, 95% CI (80; 89)



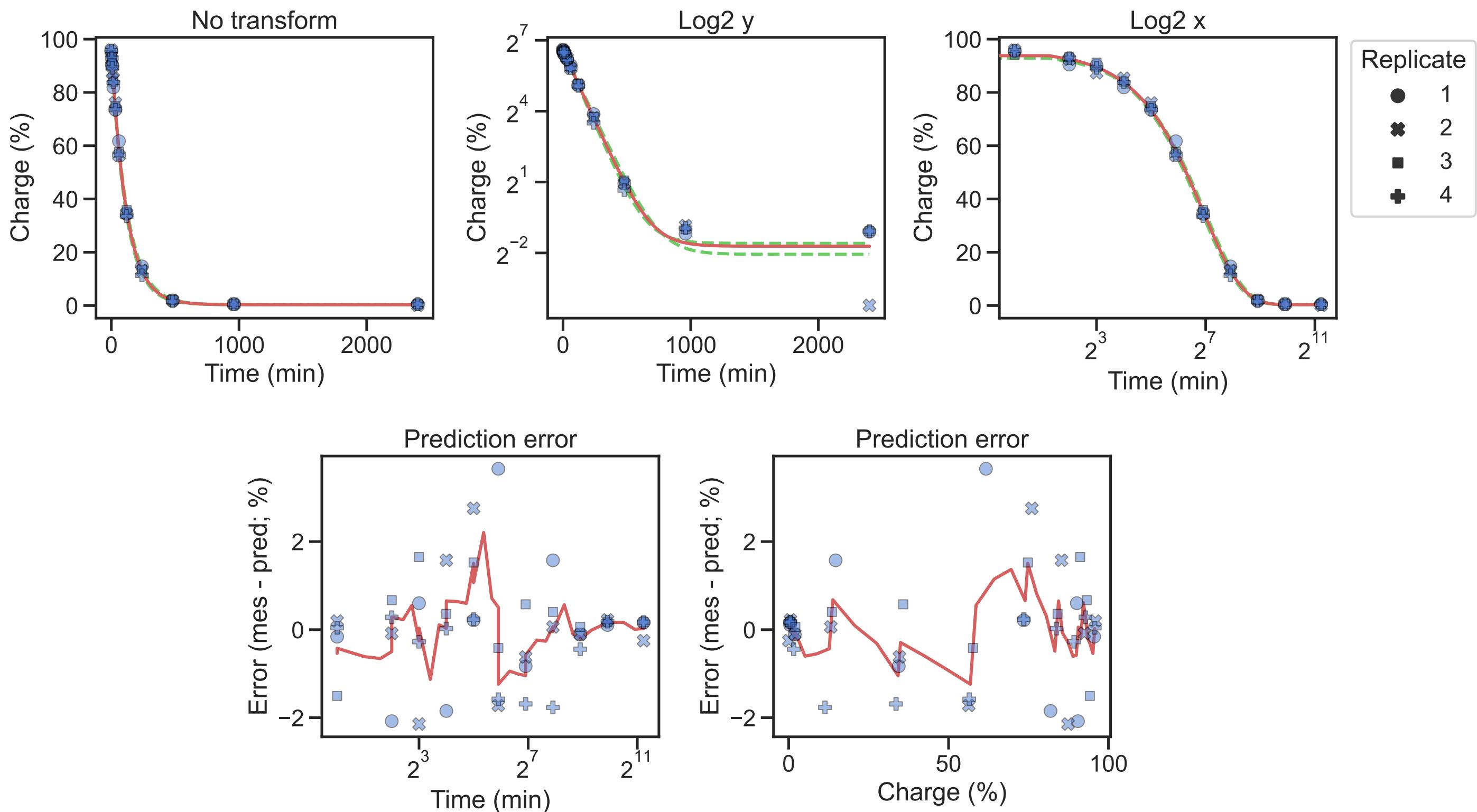
Asn-GTT-4-1 half-life=83 min, 95% CI (78; 87)



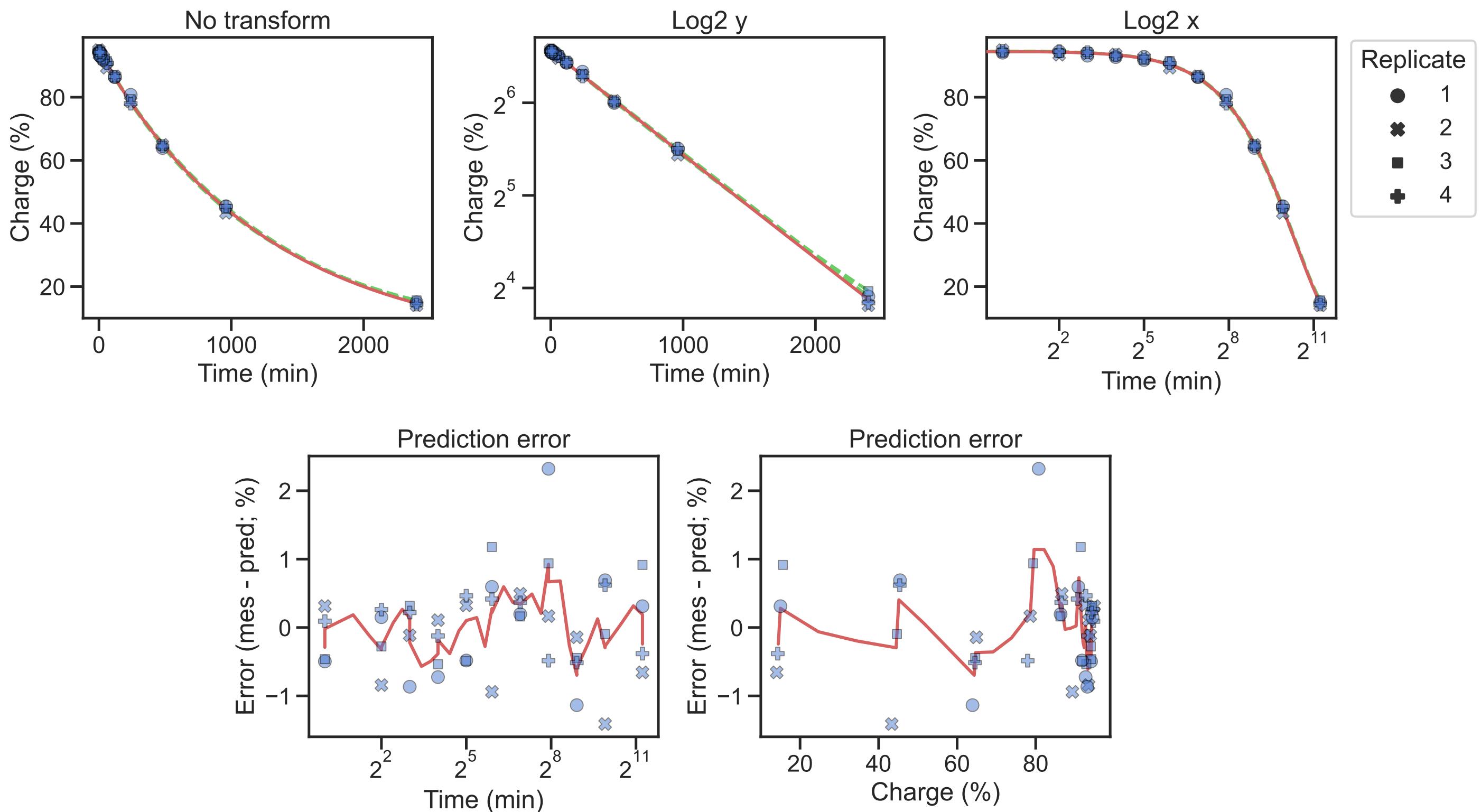
Asn-GTT-5-1 half-life=84 min, 95% CI (79; 88)



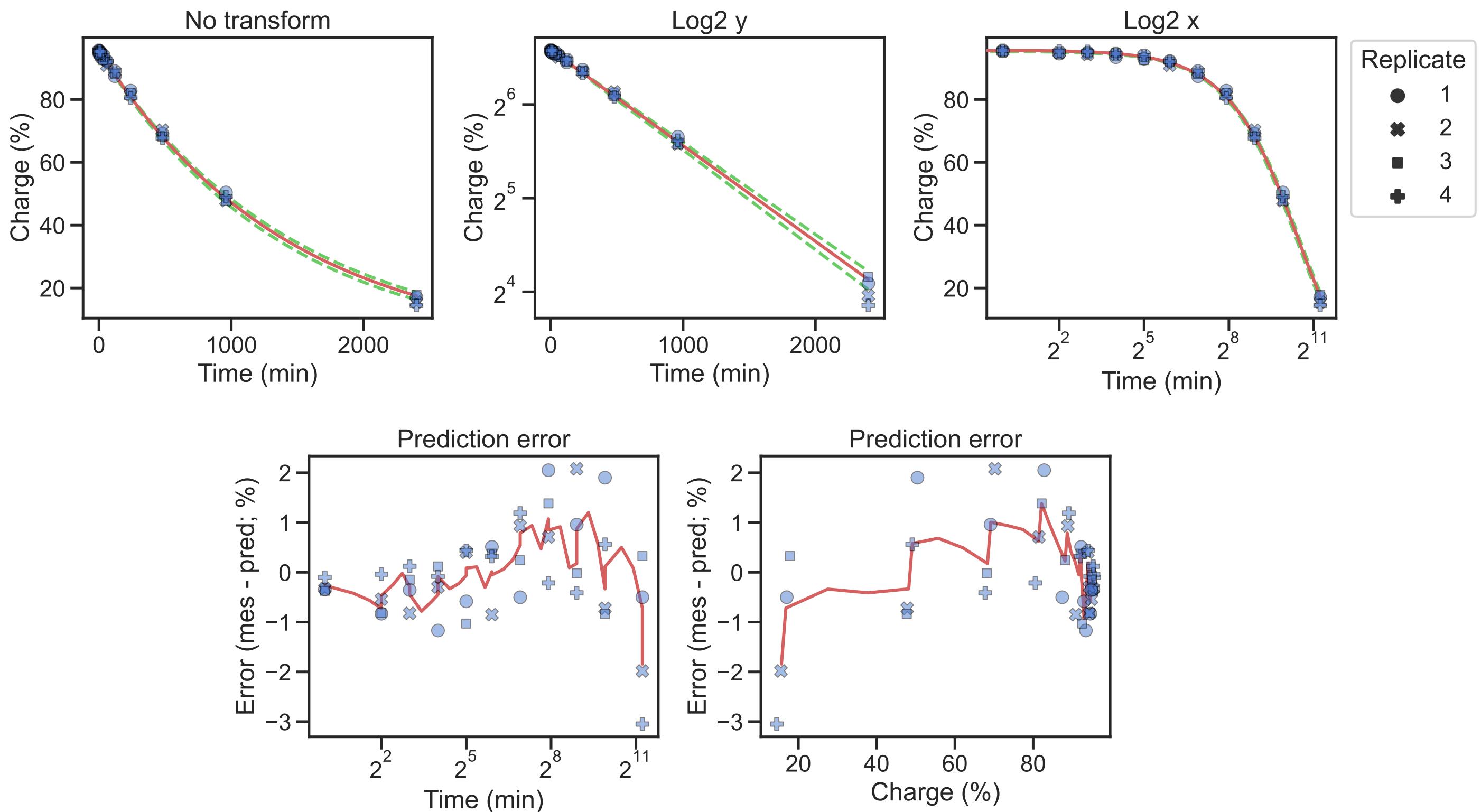
Asn-GTT-6-1 half-life=83 min, 95% CI (79; 87)



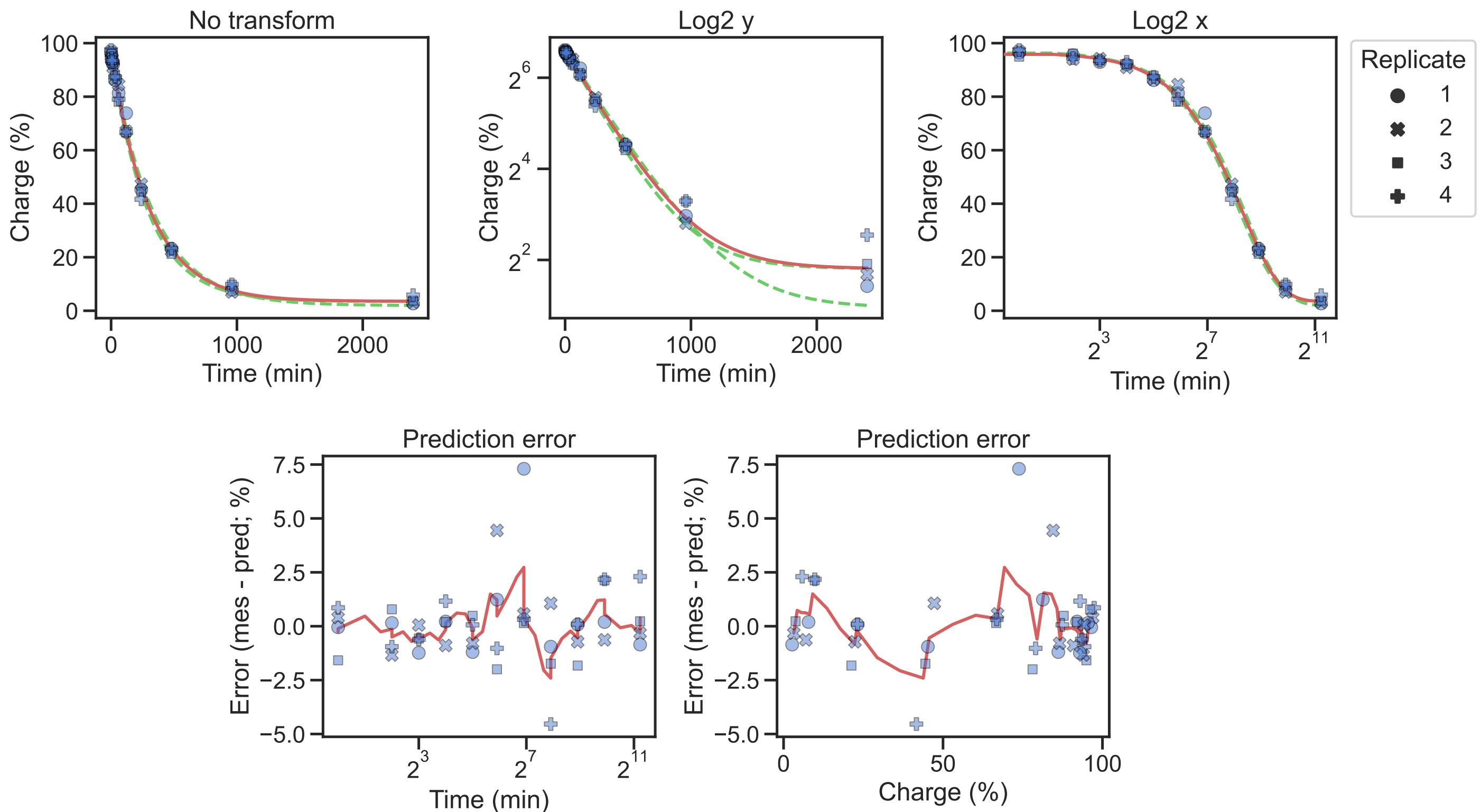
Asp-GTC-1-1 half-life=884 min, 95% CI (829; 903)



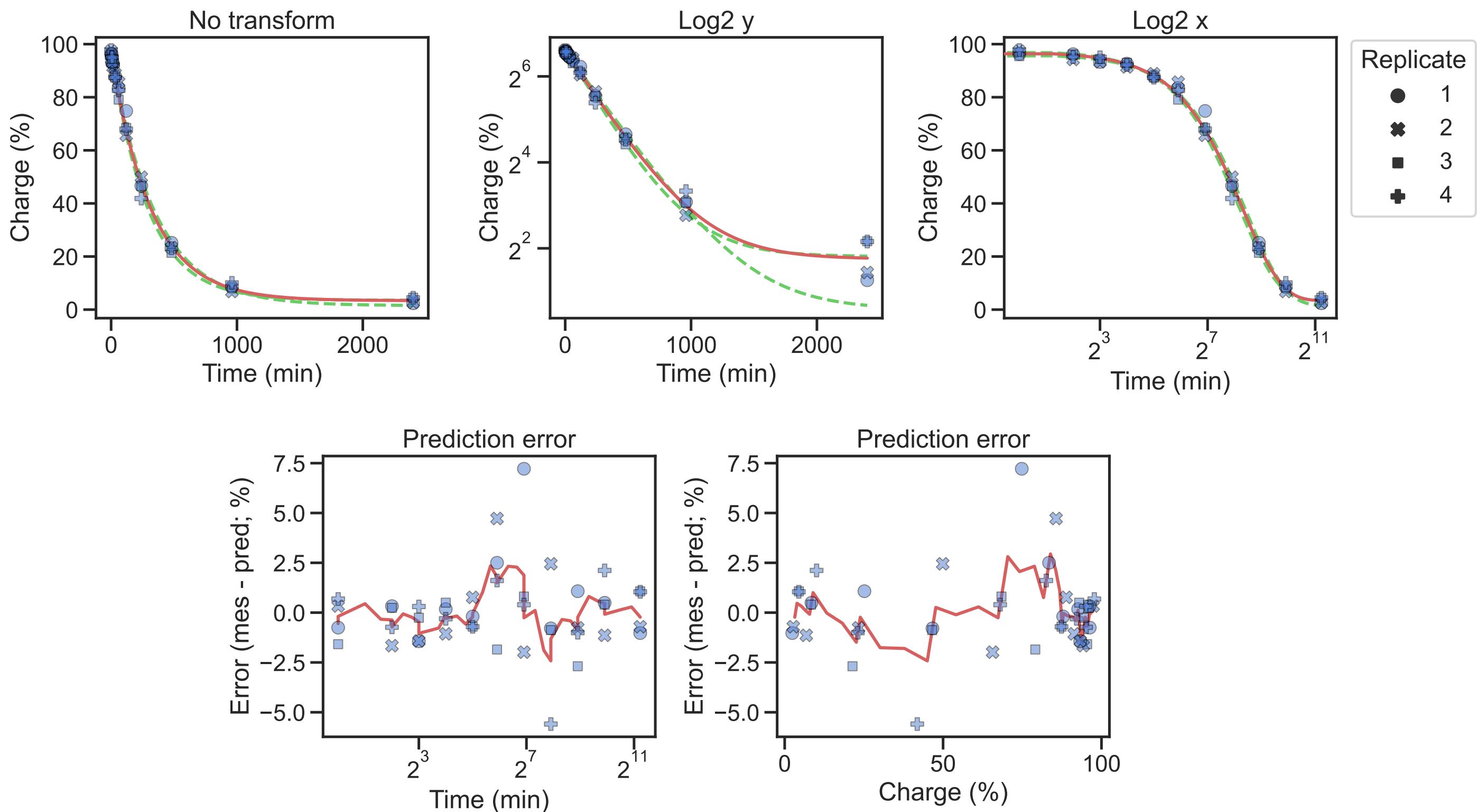
Asp-GTC-2-1 half-life=980 min, 95% CI (939; 1019)



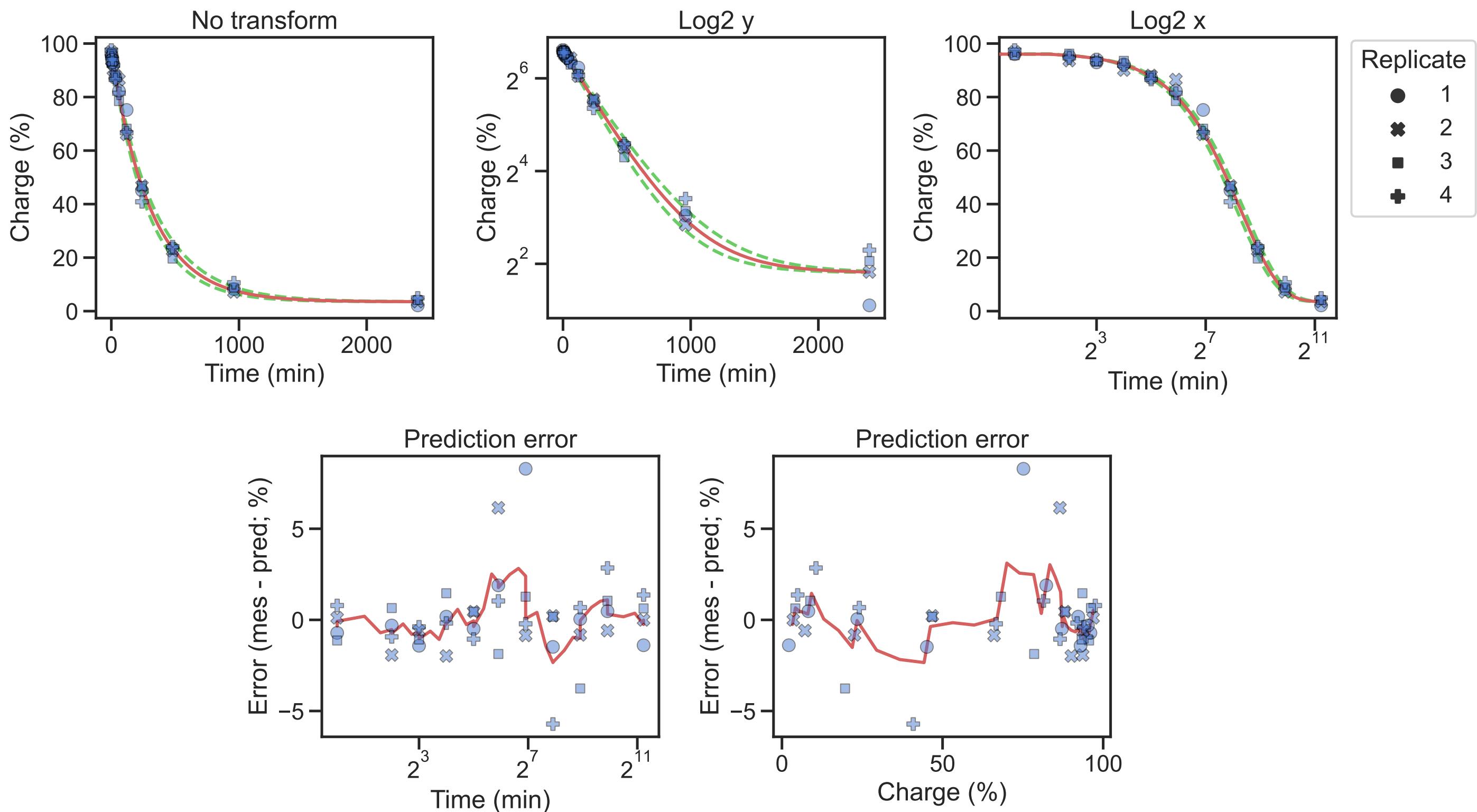
Cys-GCA-11-1 half-life=214 min, 95% CI (199; 234)



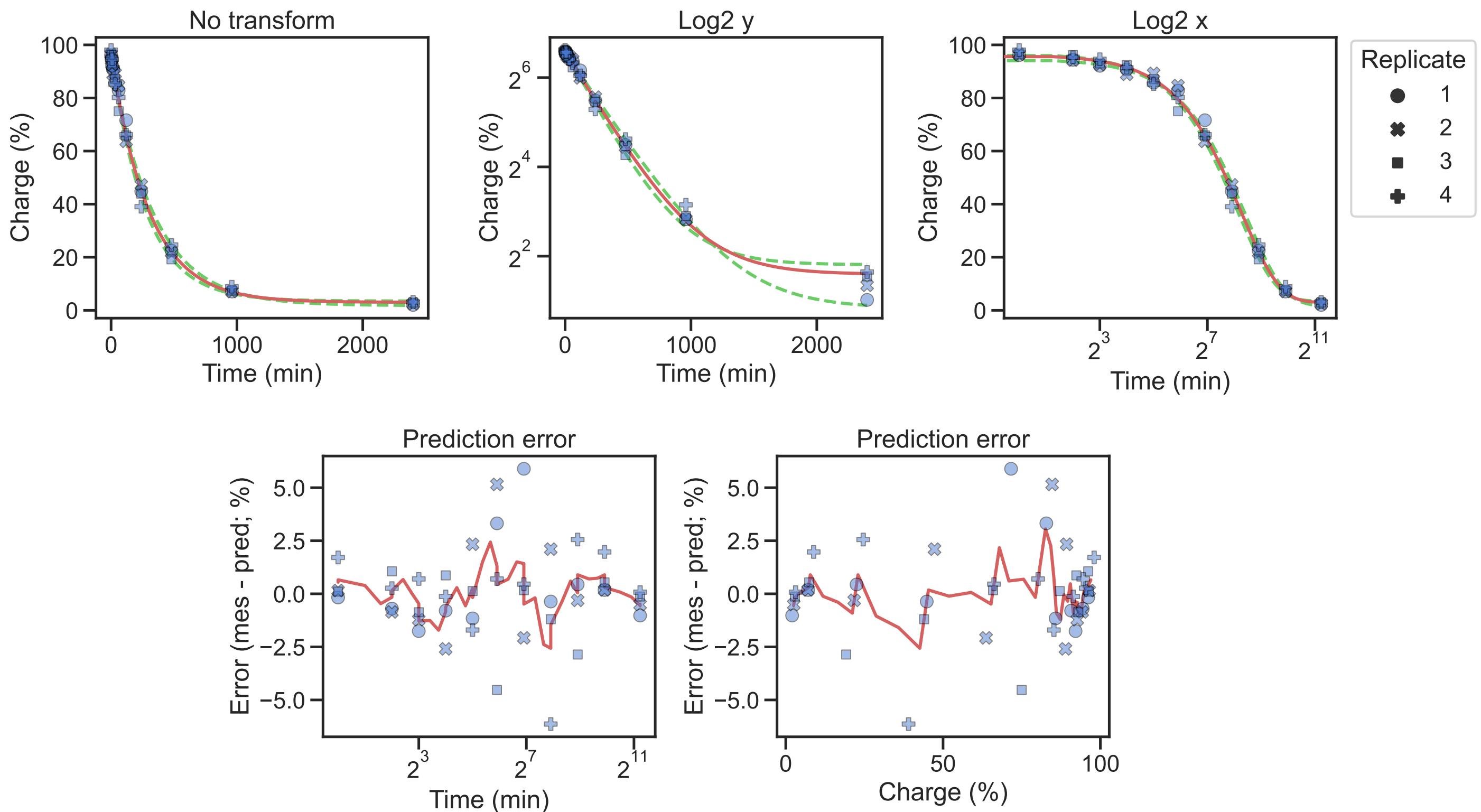
Cys-GCA-2-1 half-life=221 min, 95% CI (203; 244)



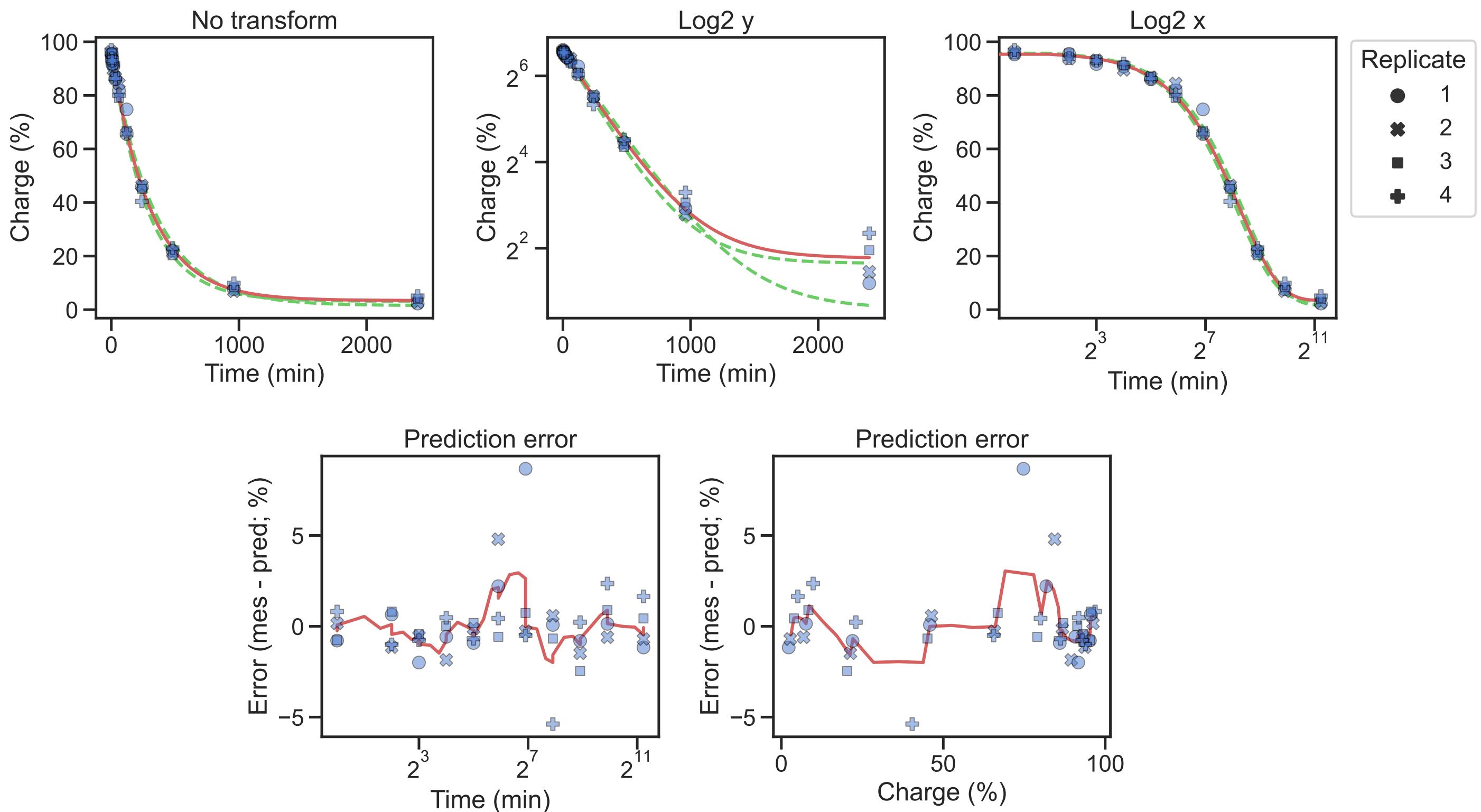
Cys-GCA-4-1 half-life=216 min, 95% CI (195; 236)



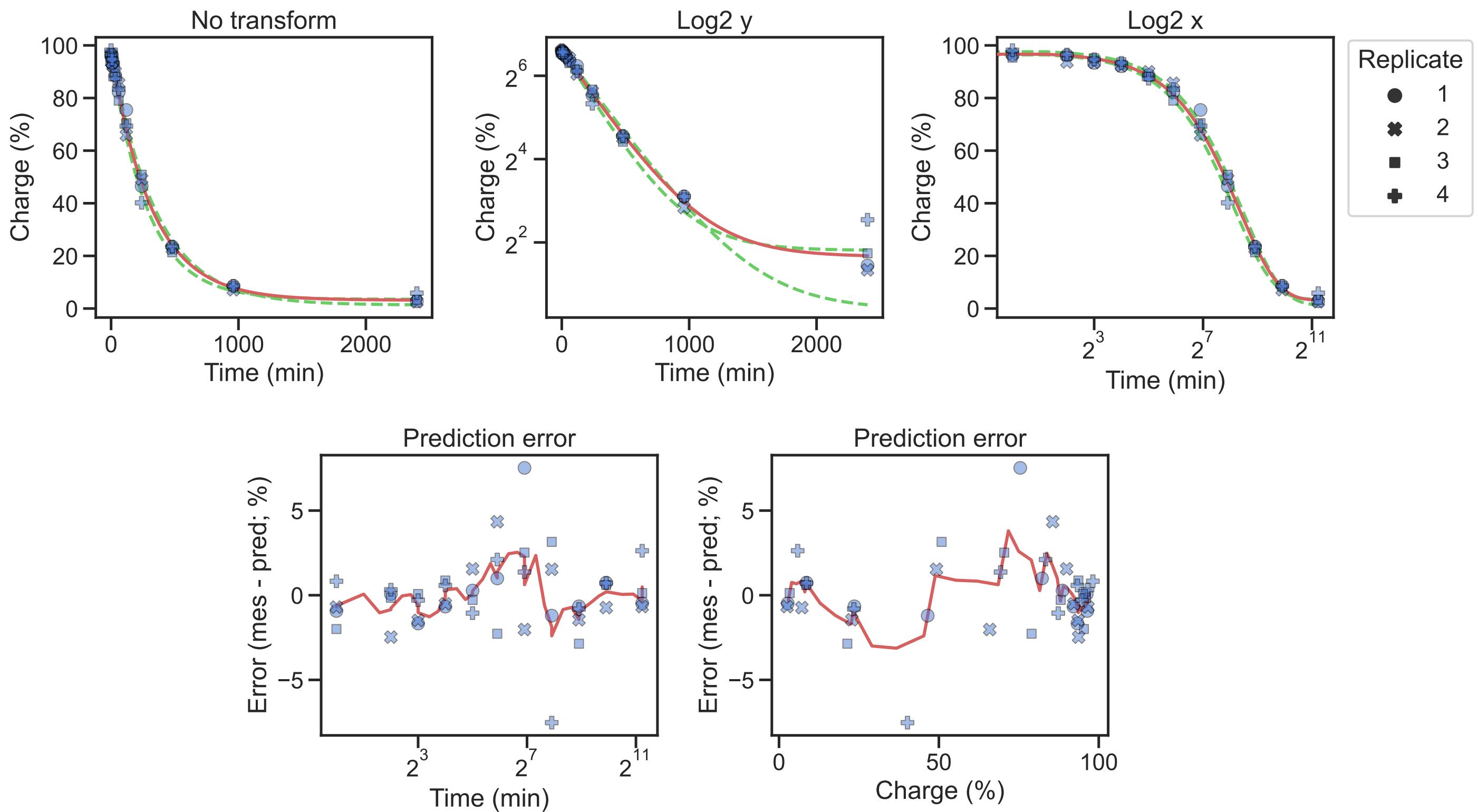
Cys-GCA-5-1 half-life=209 min, 95% CI (190; 237)



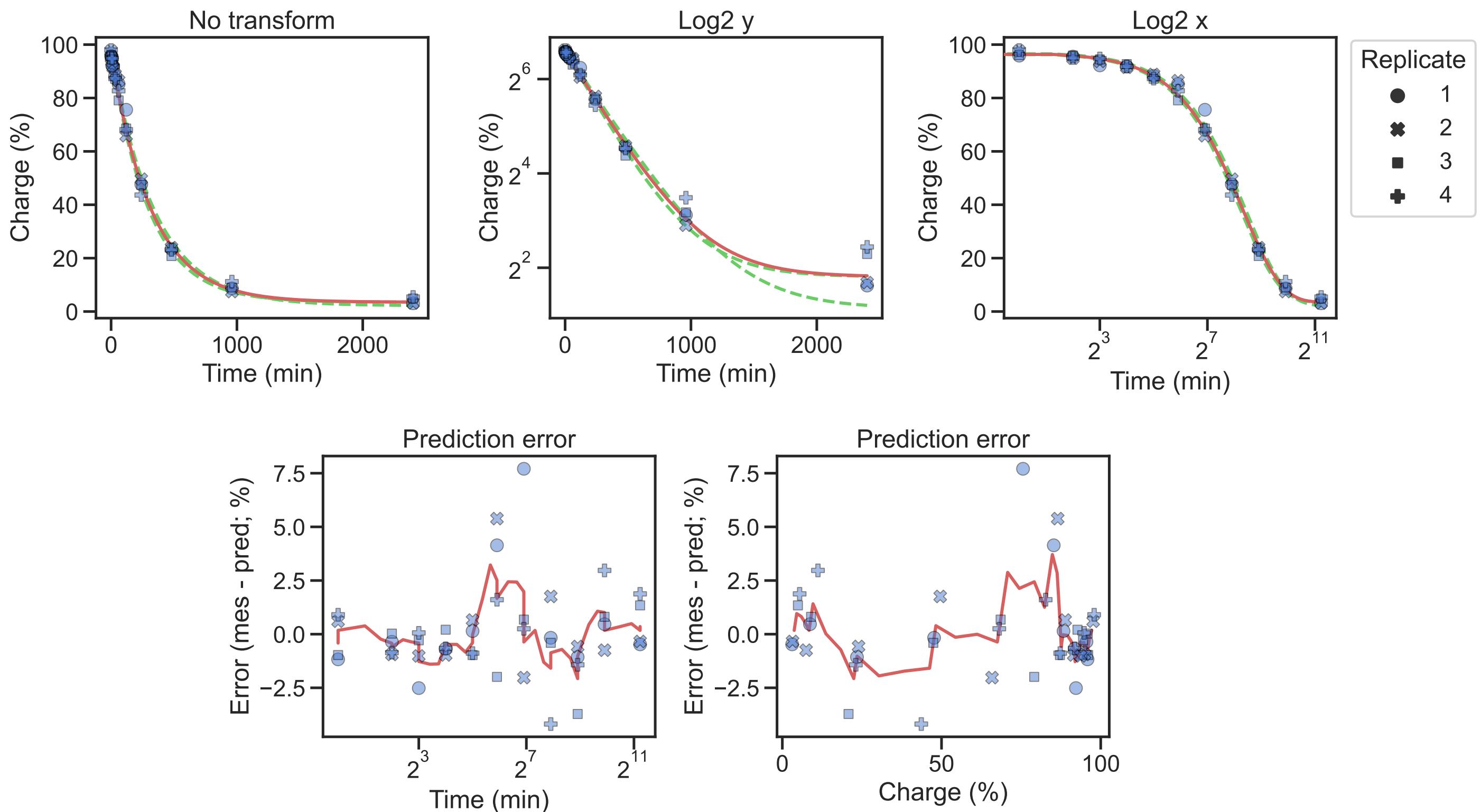
Cys-GCA-6-1 half-life=213 min, 95% CI (196; 237)



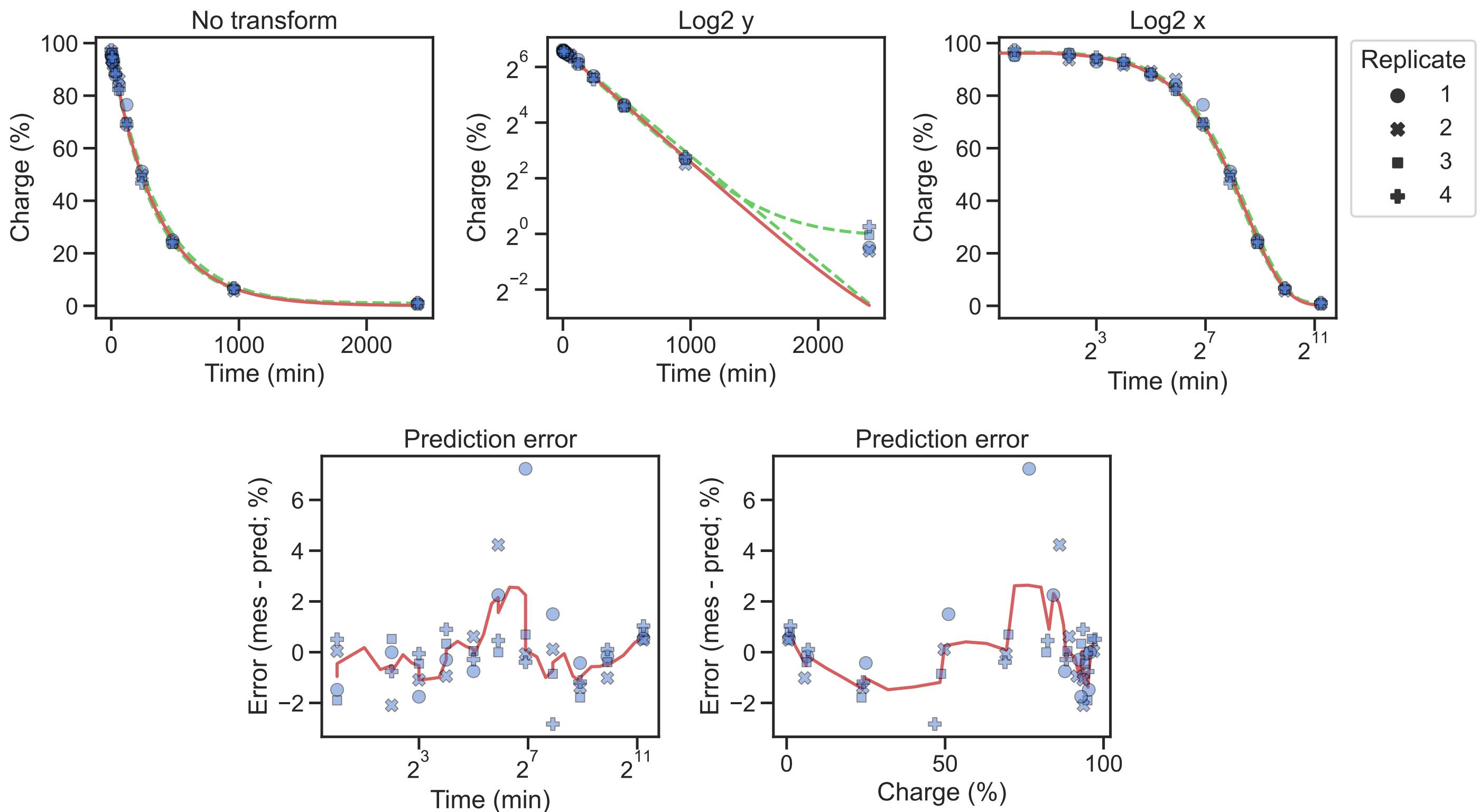
Cys-GCA-8-1 half-life=222 min, 95% CI (197; 244)



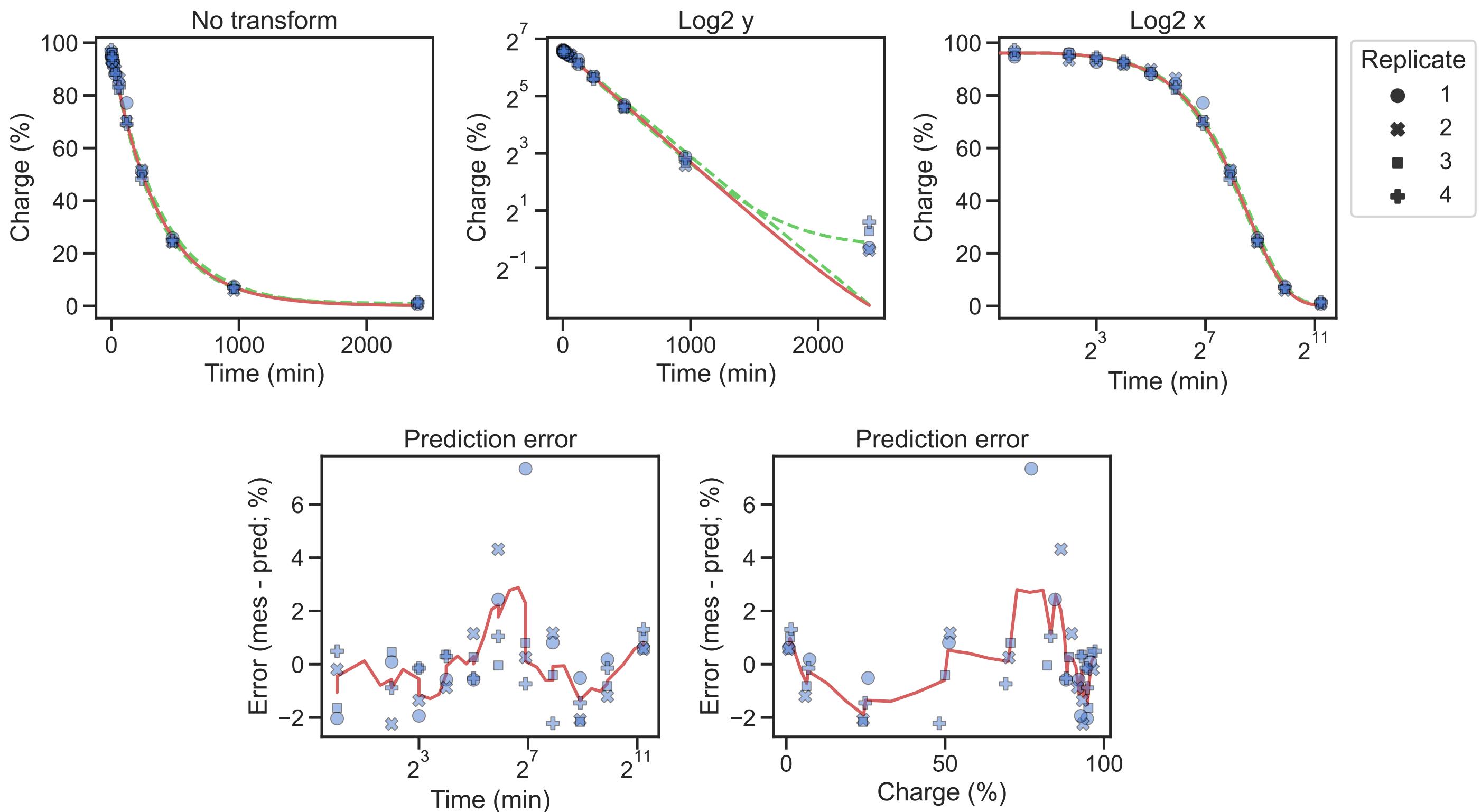
Cys-GCA-9-1 half-life=223 min, 95% CI (210; 244)



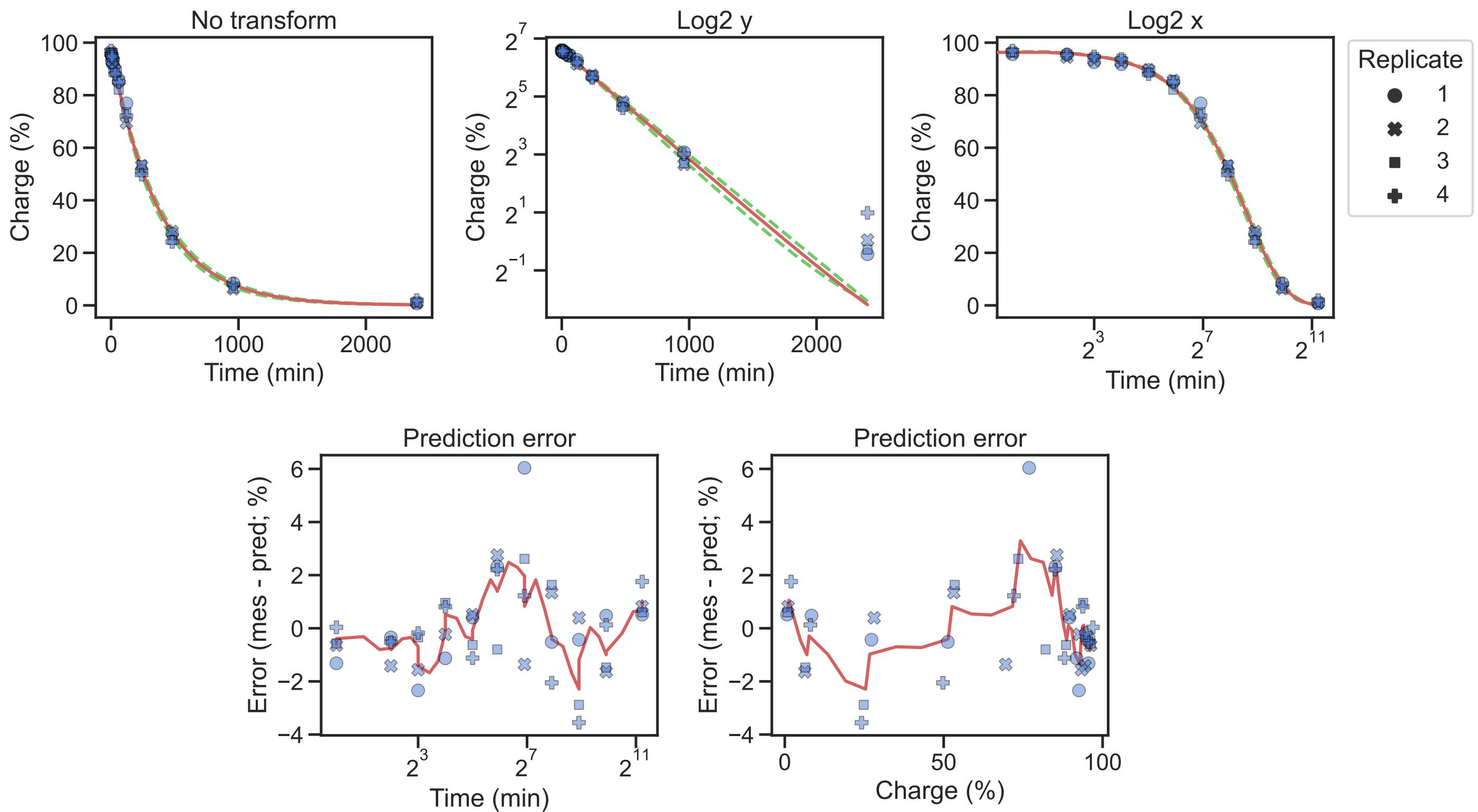
Gln-CTG-1-1 half-life=248 min, 95% CI (234; 263)



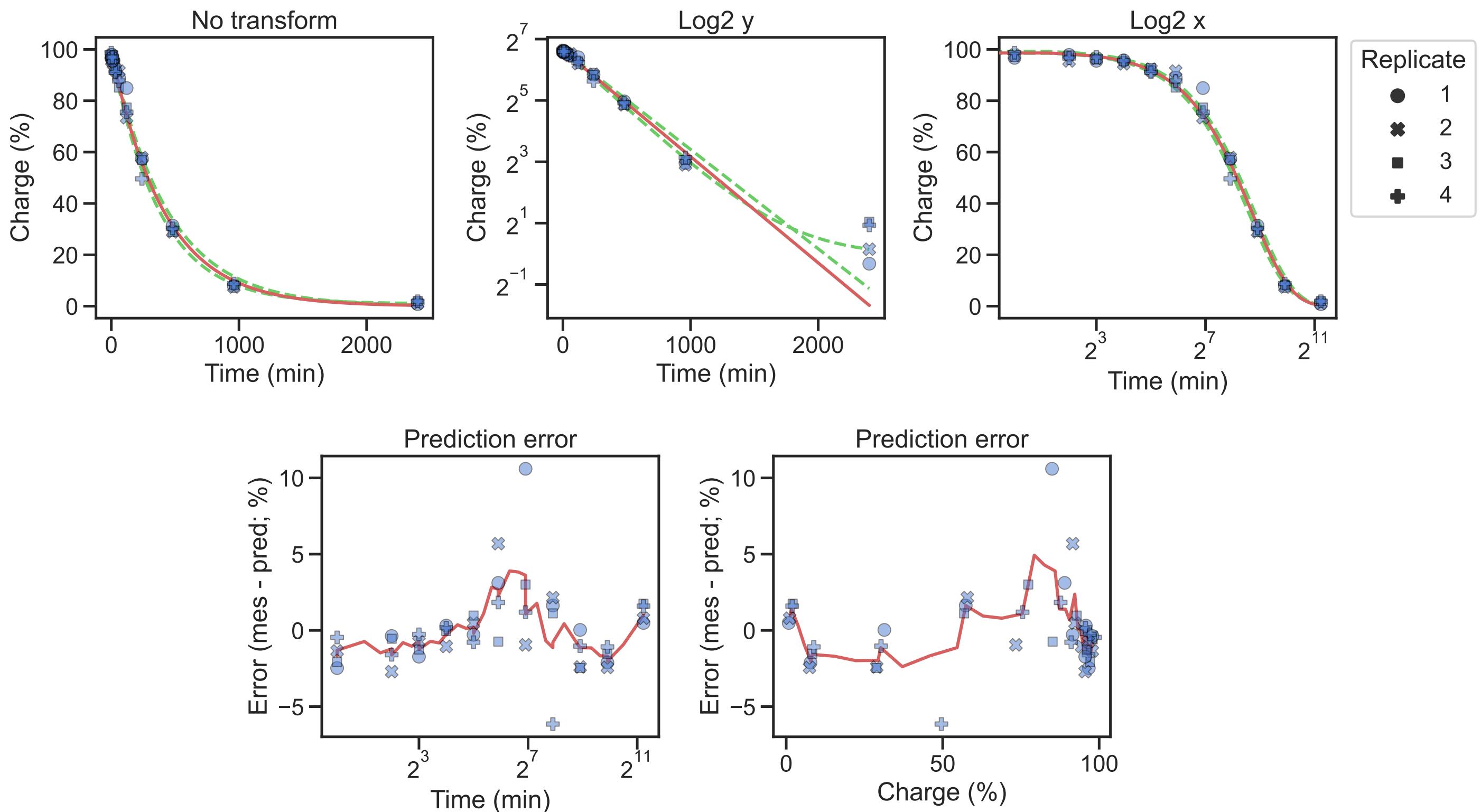
Gln-CTG-2-1 half-life=255 min, 95% CI (241; 270)



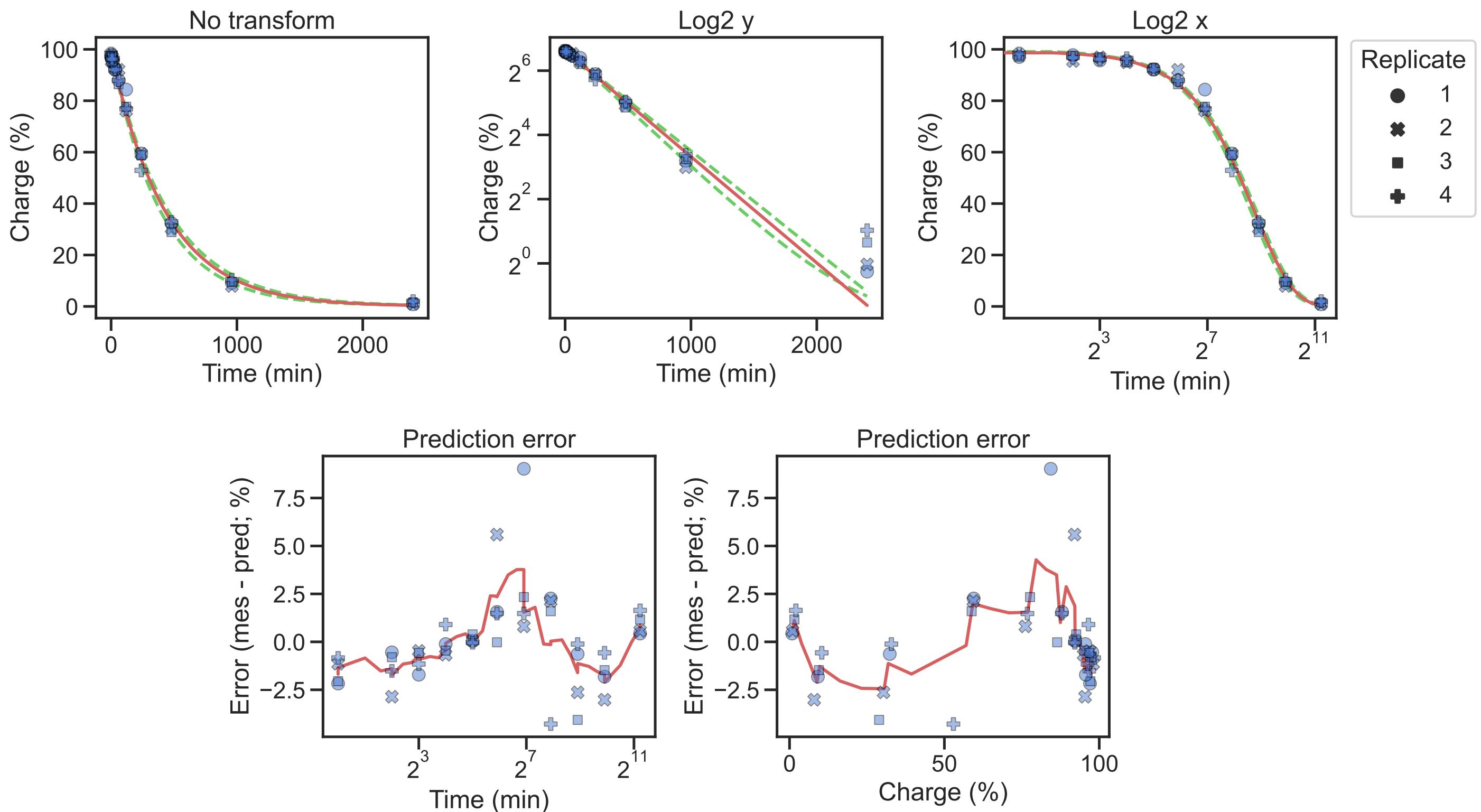
Gln-CTG-4-1 half-life=266 min, 95% CI (251; 277)



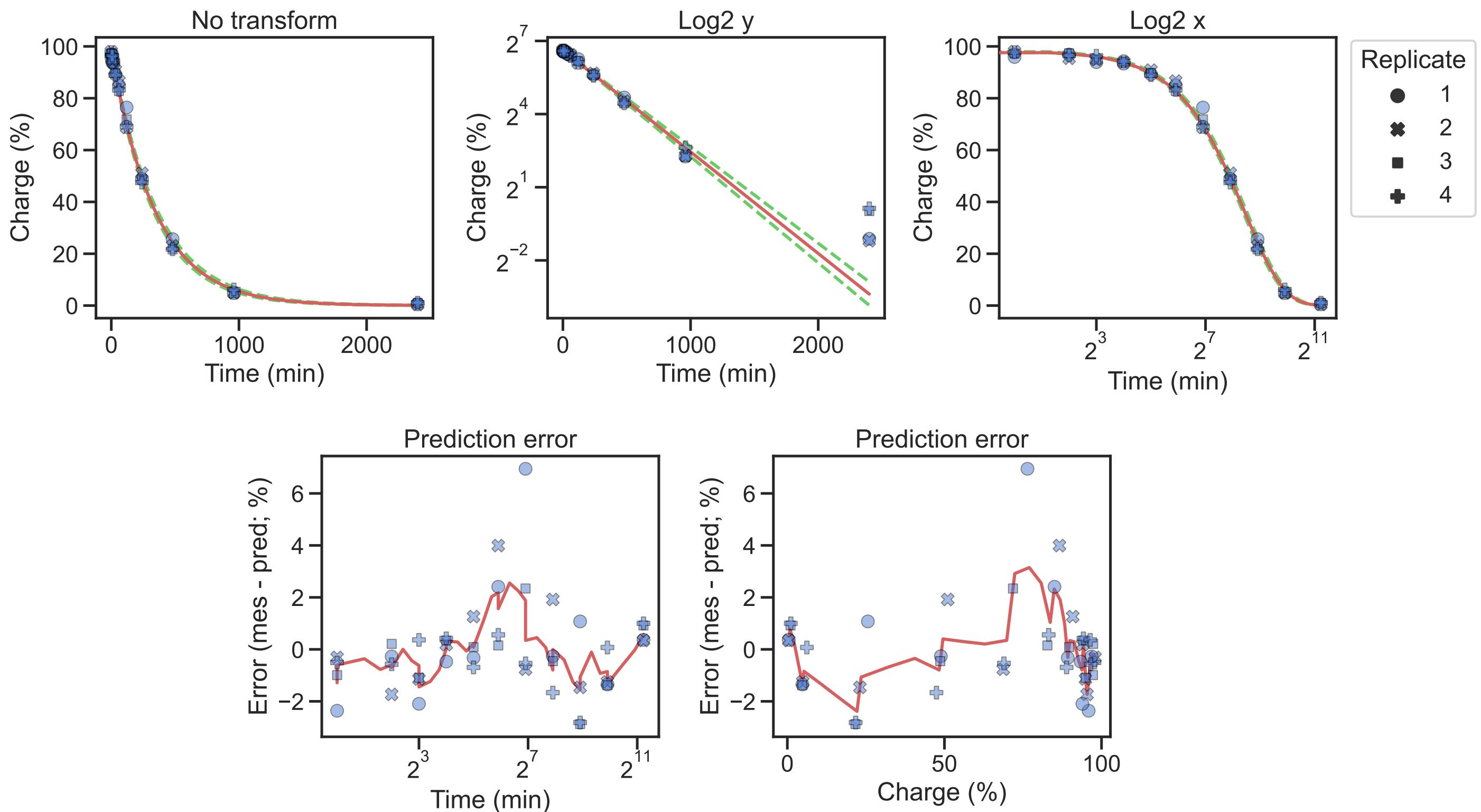
Gln-TTG-1-1 half-life=289 min, 95% CI (261; 309)



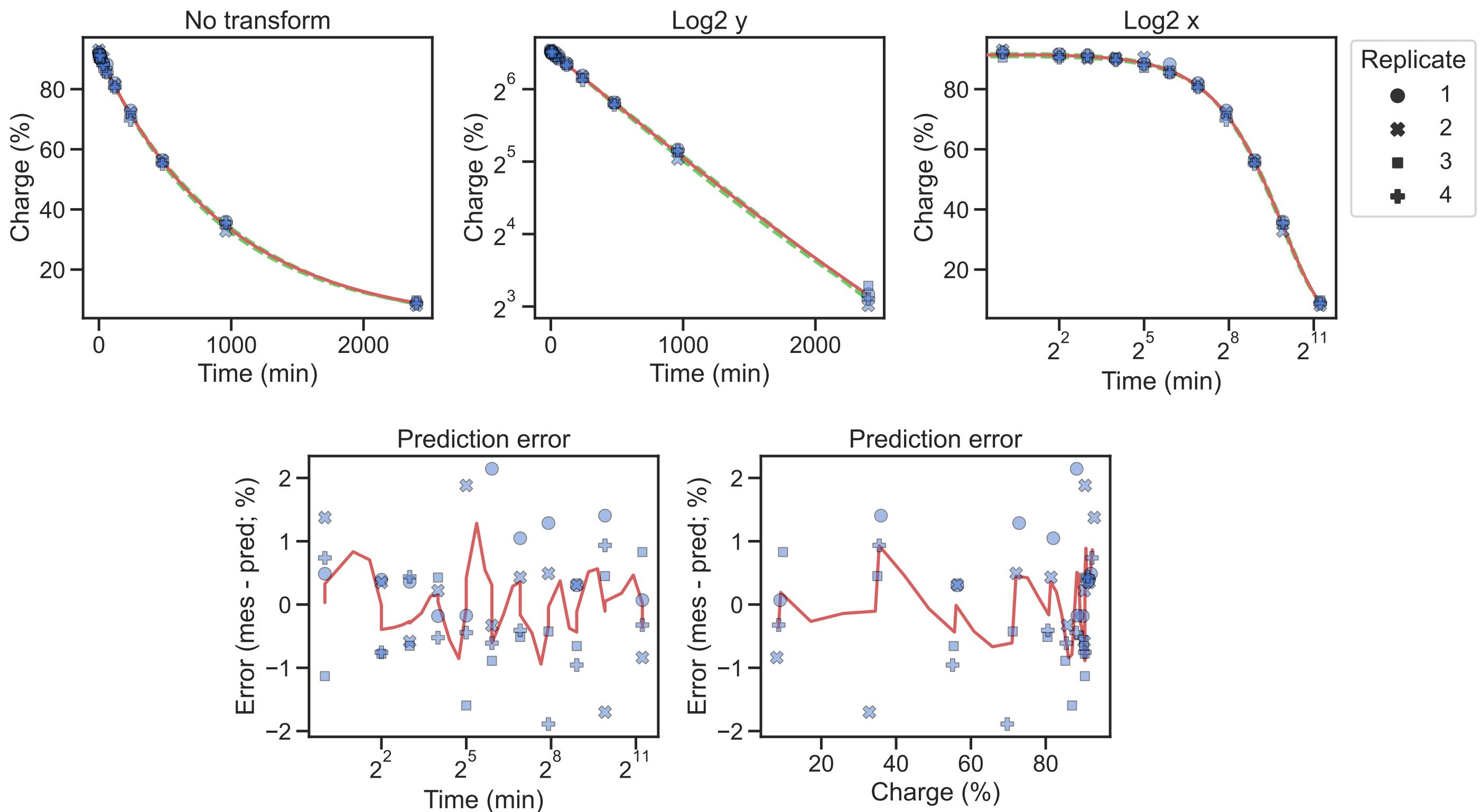
Gln-TTG-2-1 half-life=302 min, 95% CI (274; 319)



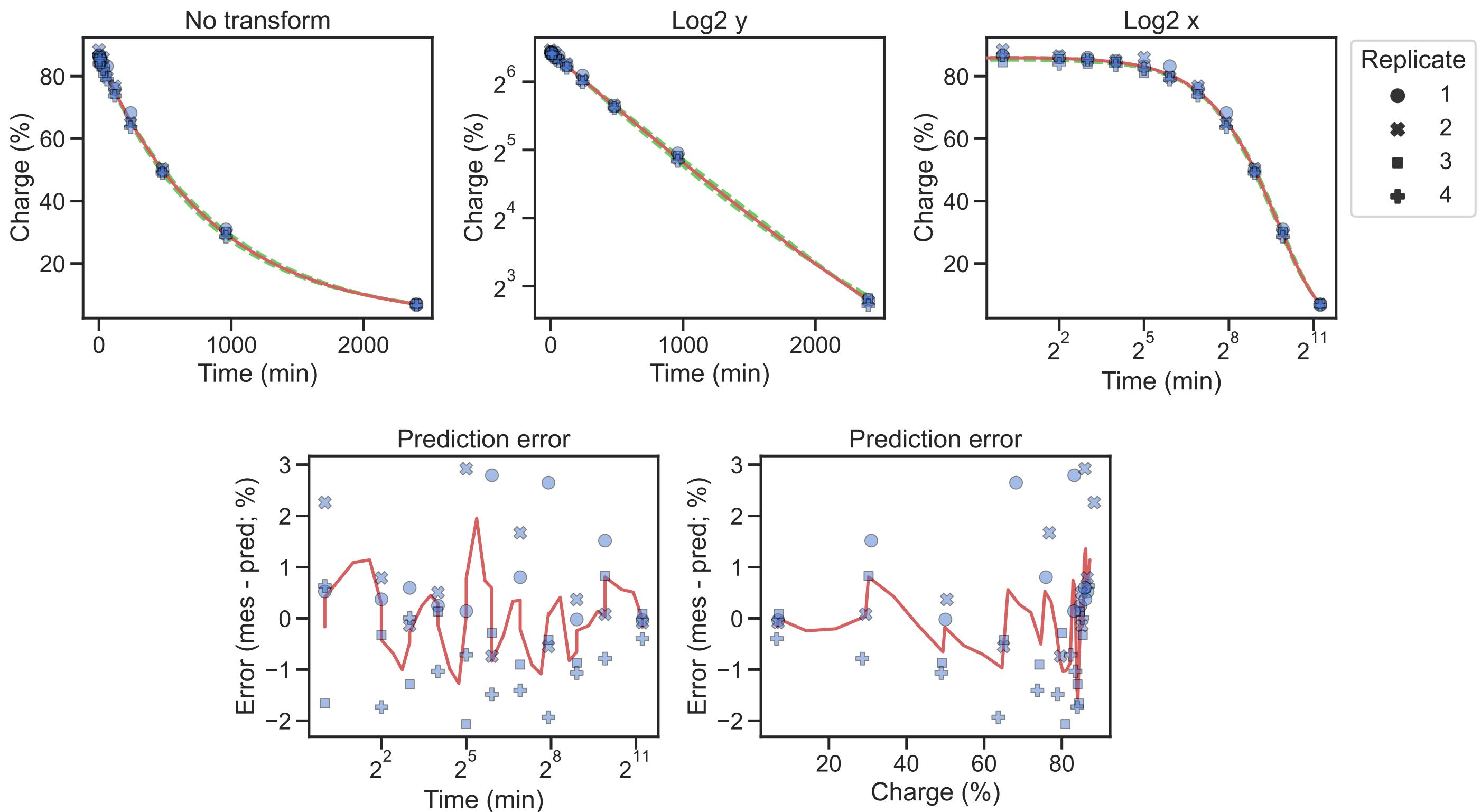
Gln-TTG-3-1 half-life=240 min, 95% CI (229; 252)



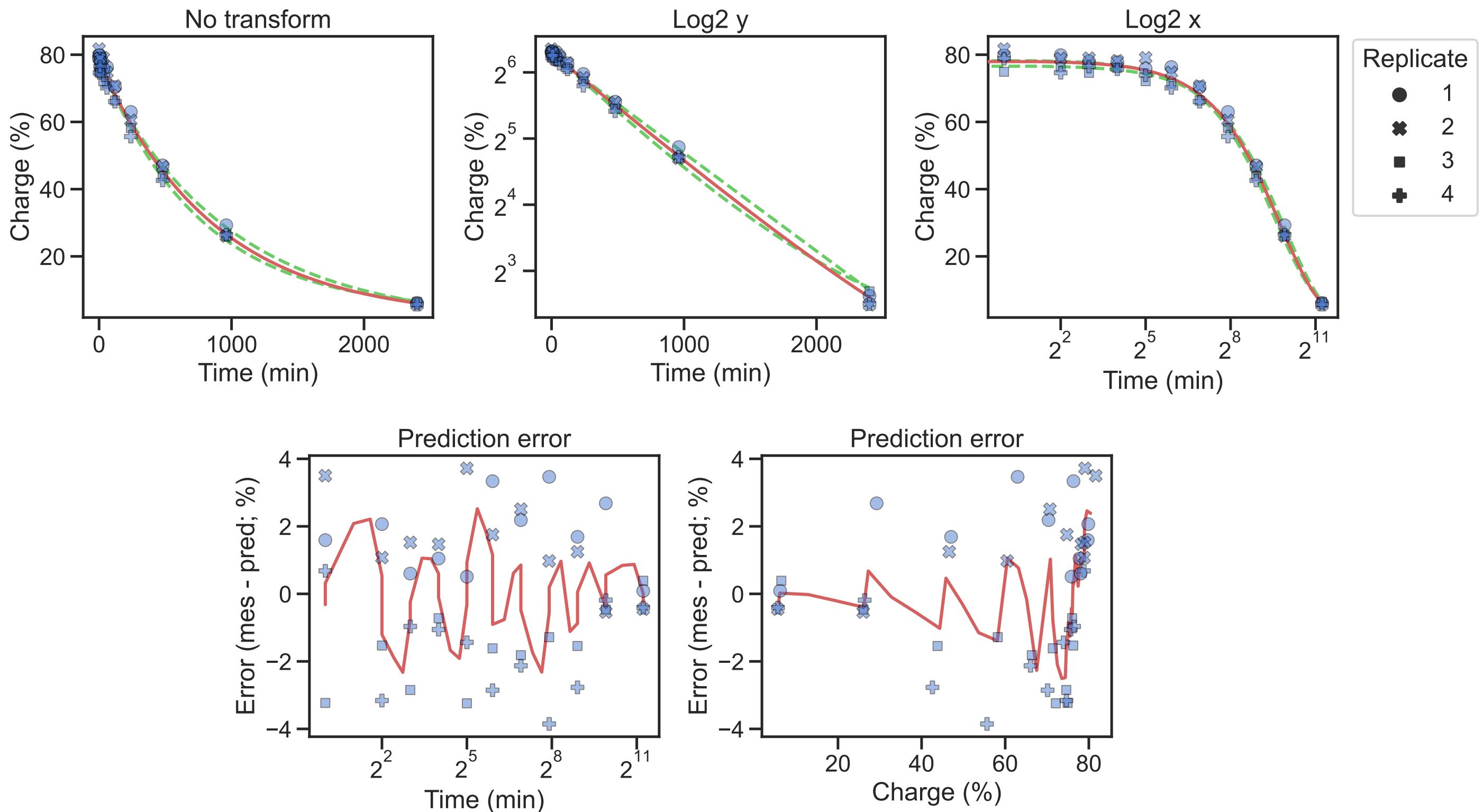
Glu-CTC-1-1 half-life=662 min, 95% CI (629; 700)



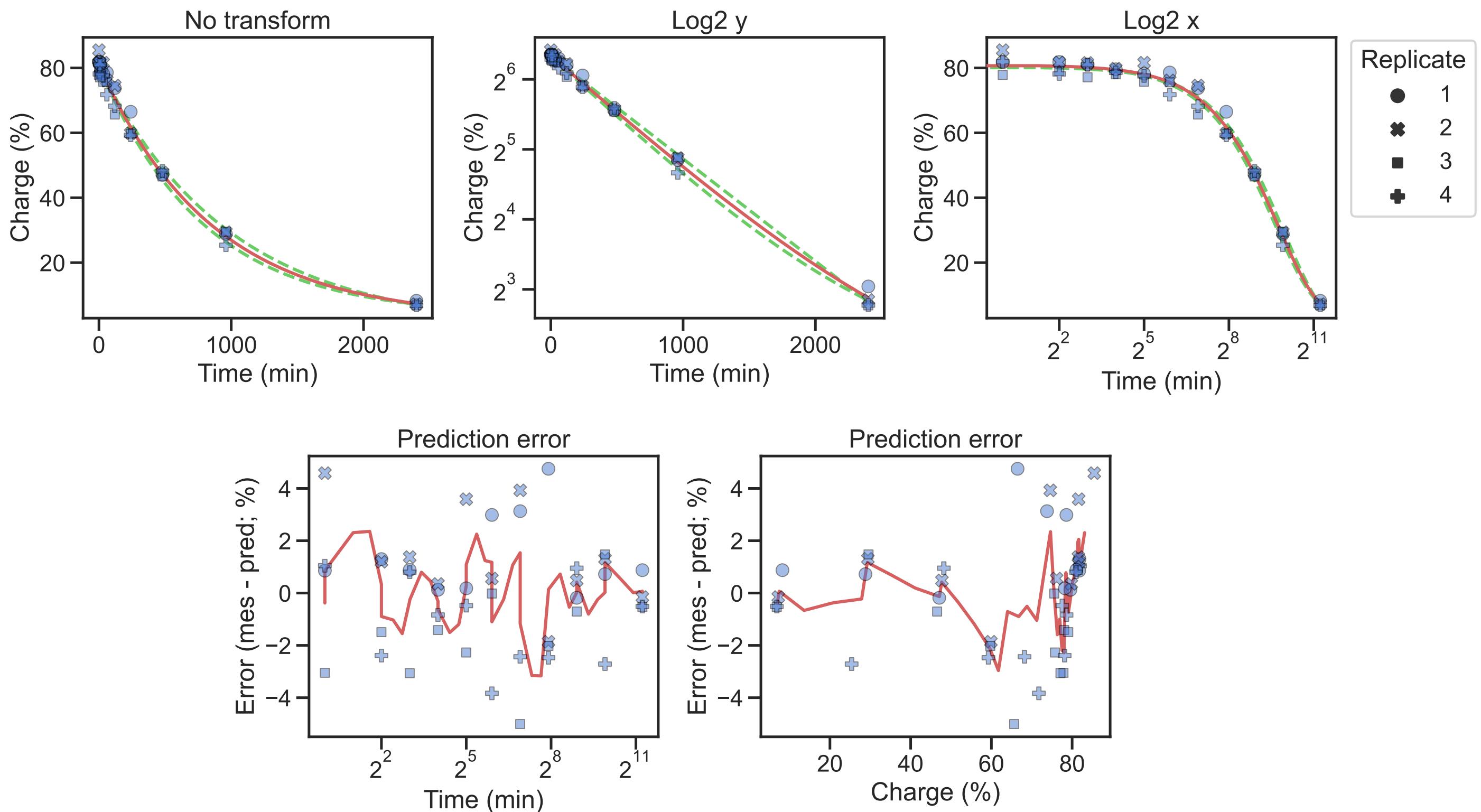
Glu-TTC-1-1 half-life=596 min, 95% CI (559; 634)



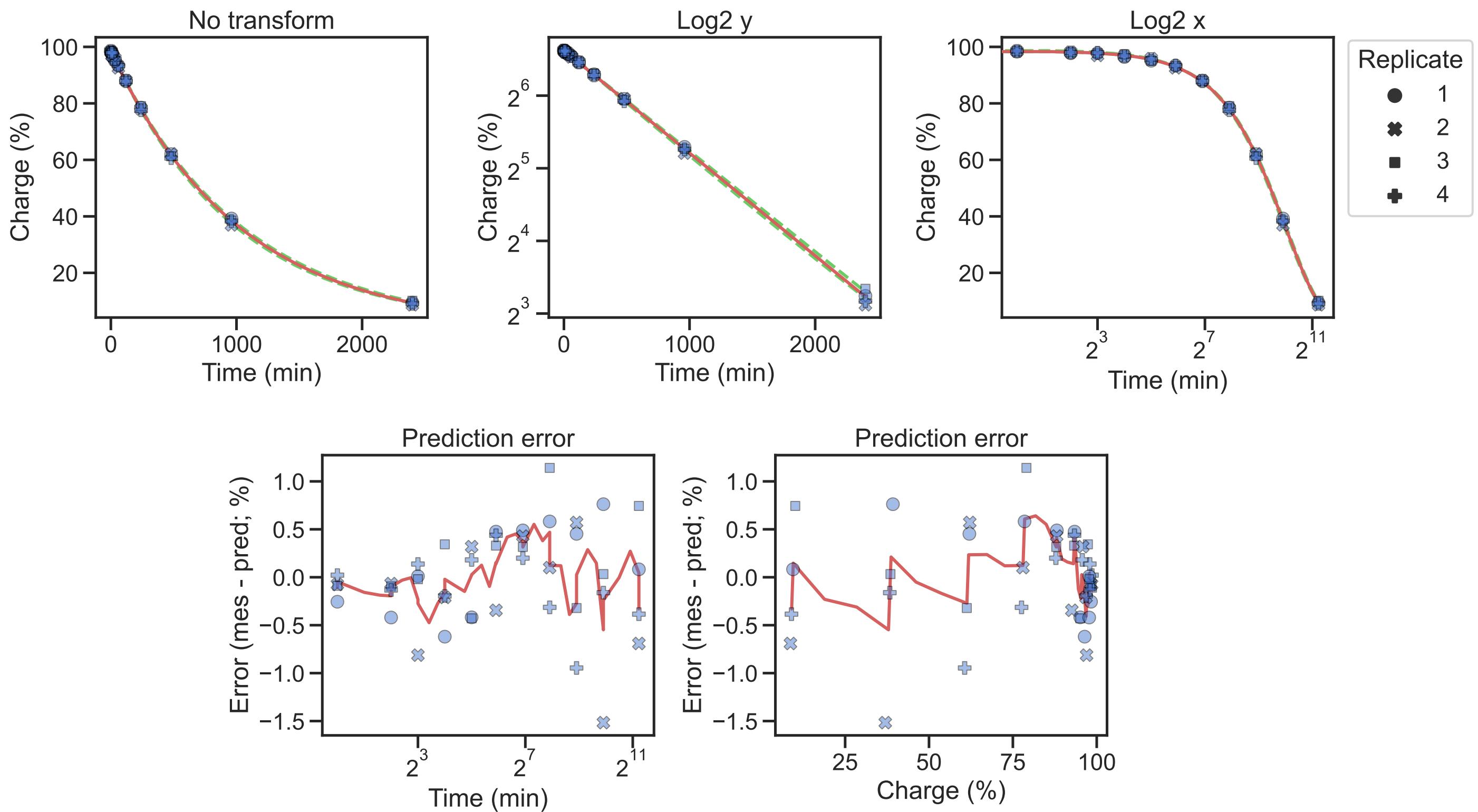
Glu-TTC-2-1 half-life=598 min, 95% CI (528; 675)



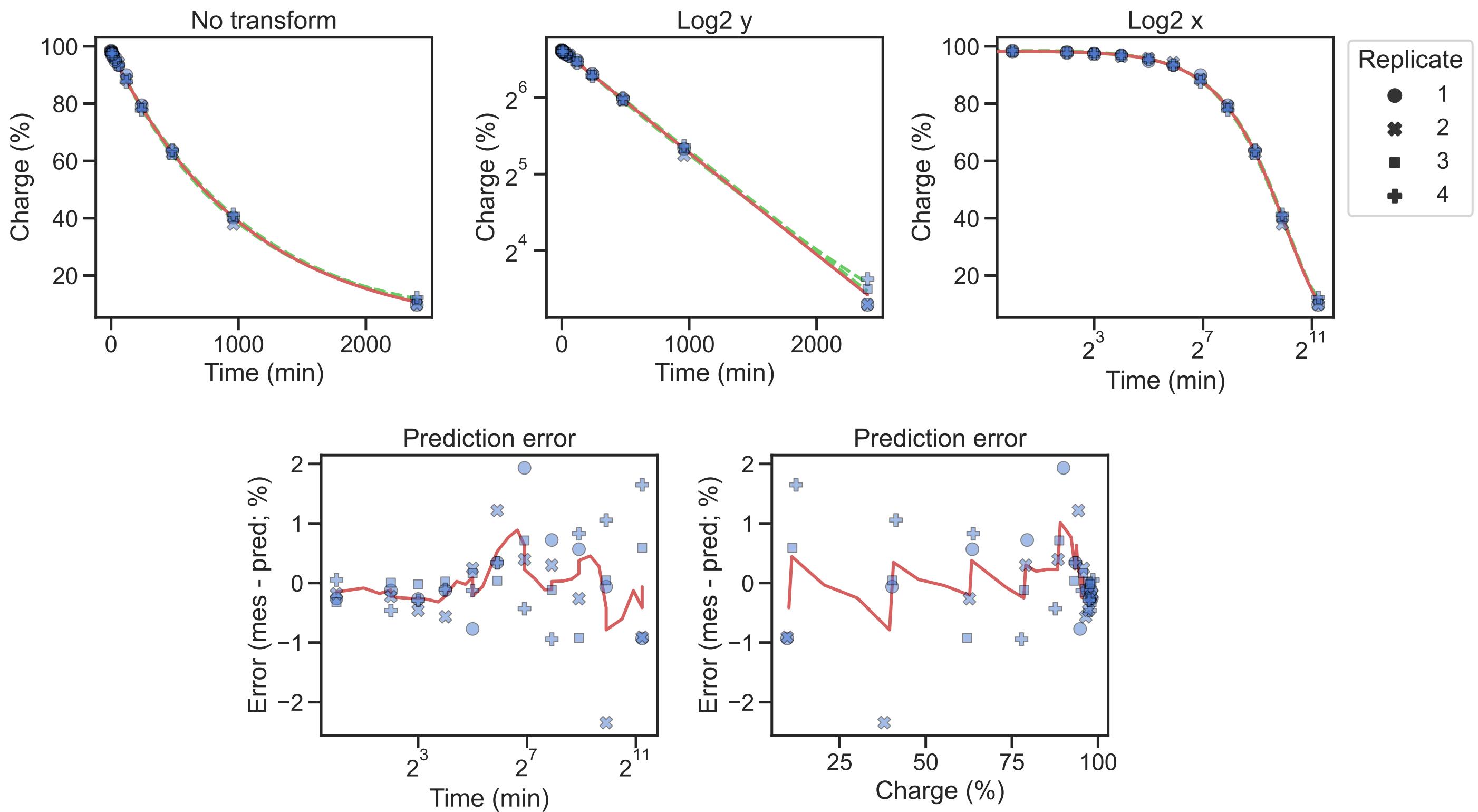
Glu-TTC-4-1 half-life=592 min, 95% CI (547; 684)



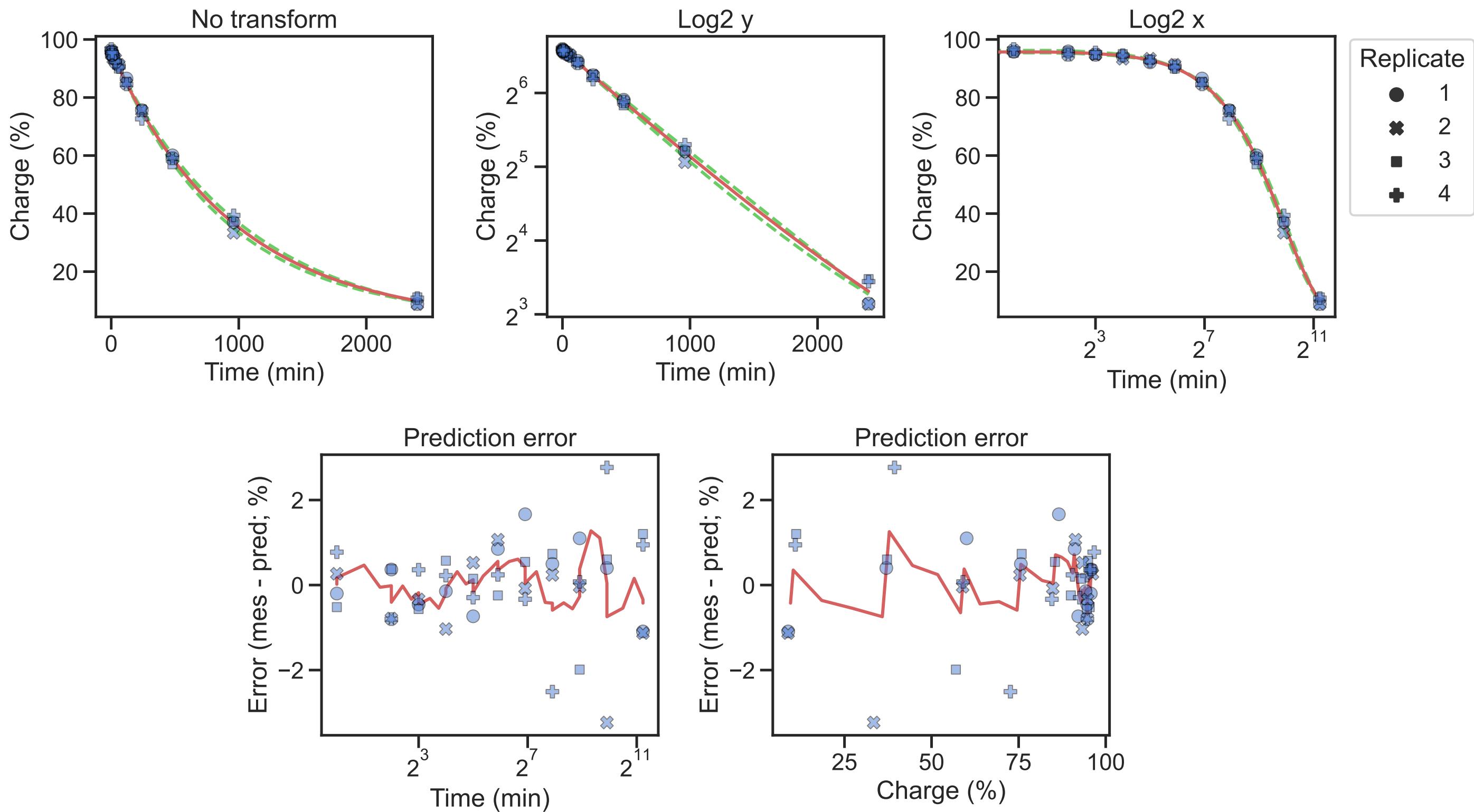
Gly-CCC-1-1 half-life=708 min, 95% CI (678; 722)



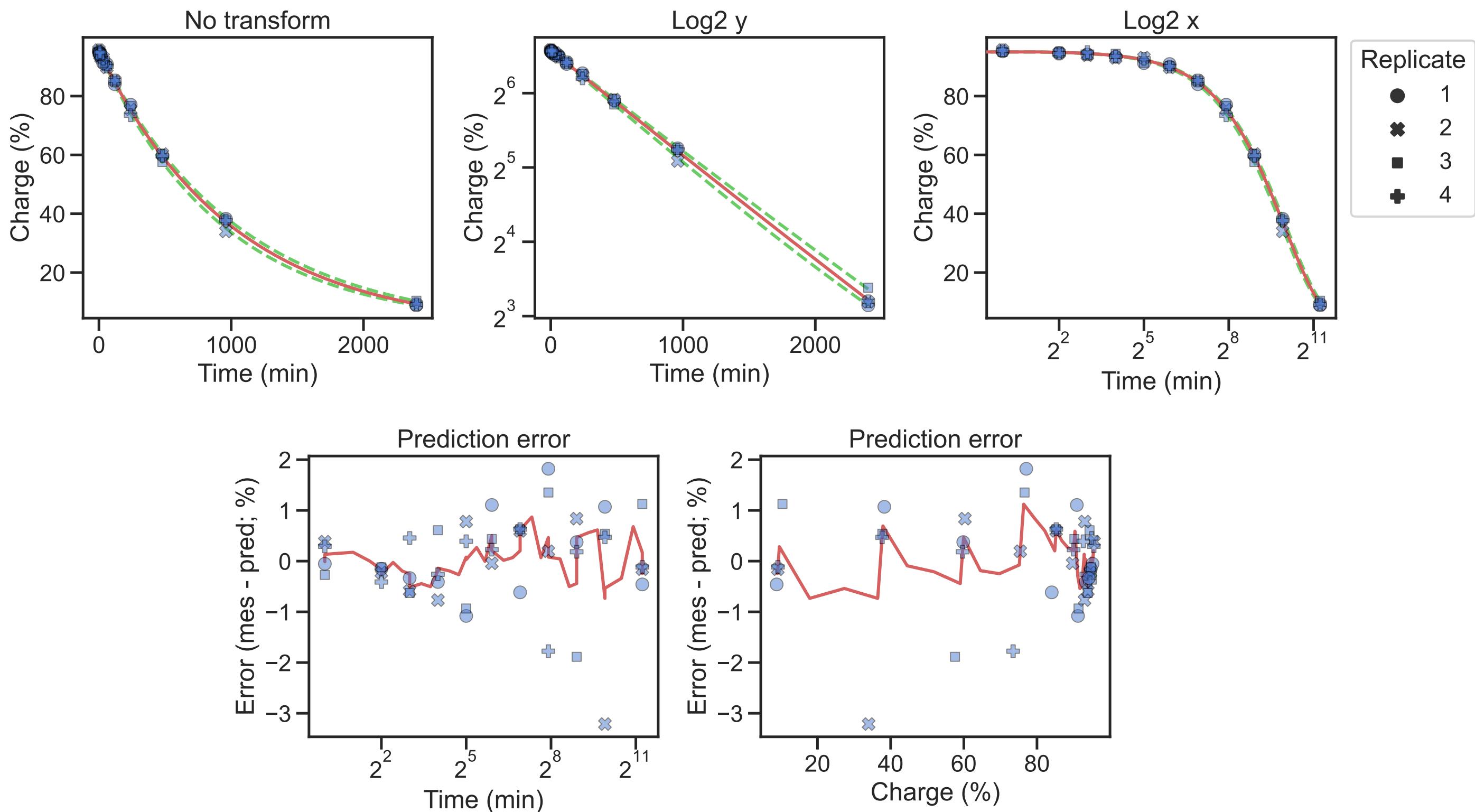
Gly-CCC-2-1 half-life=741 min, 95% CI (688; 761)



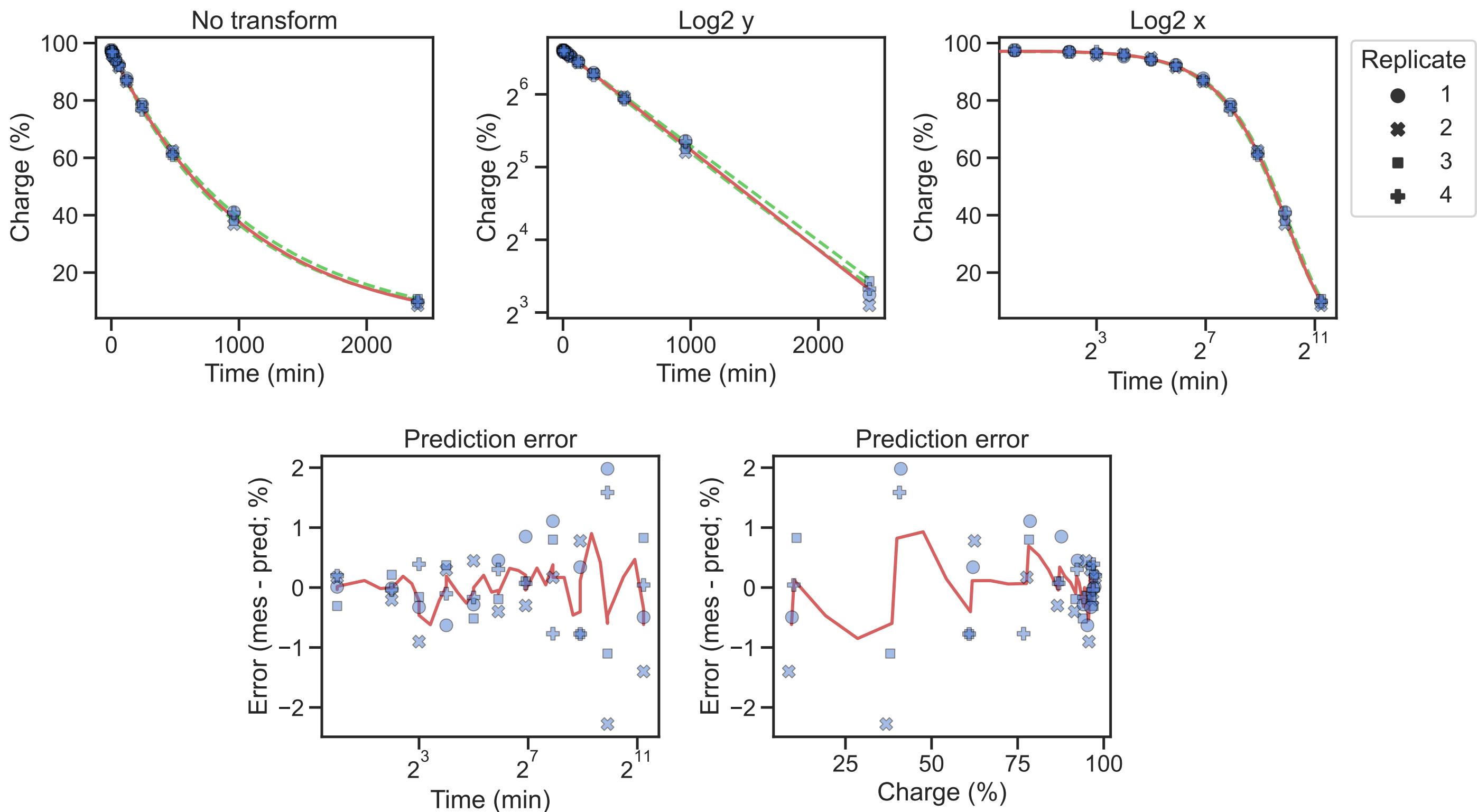
Gly-GCC-1-1 half-life=662 min, 95% CI (613; 725)



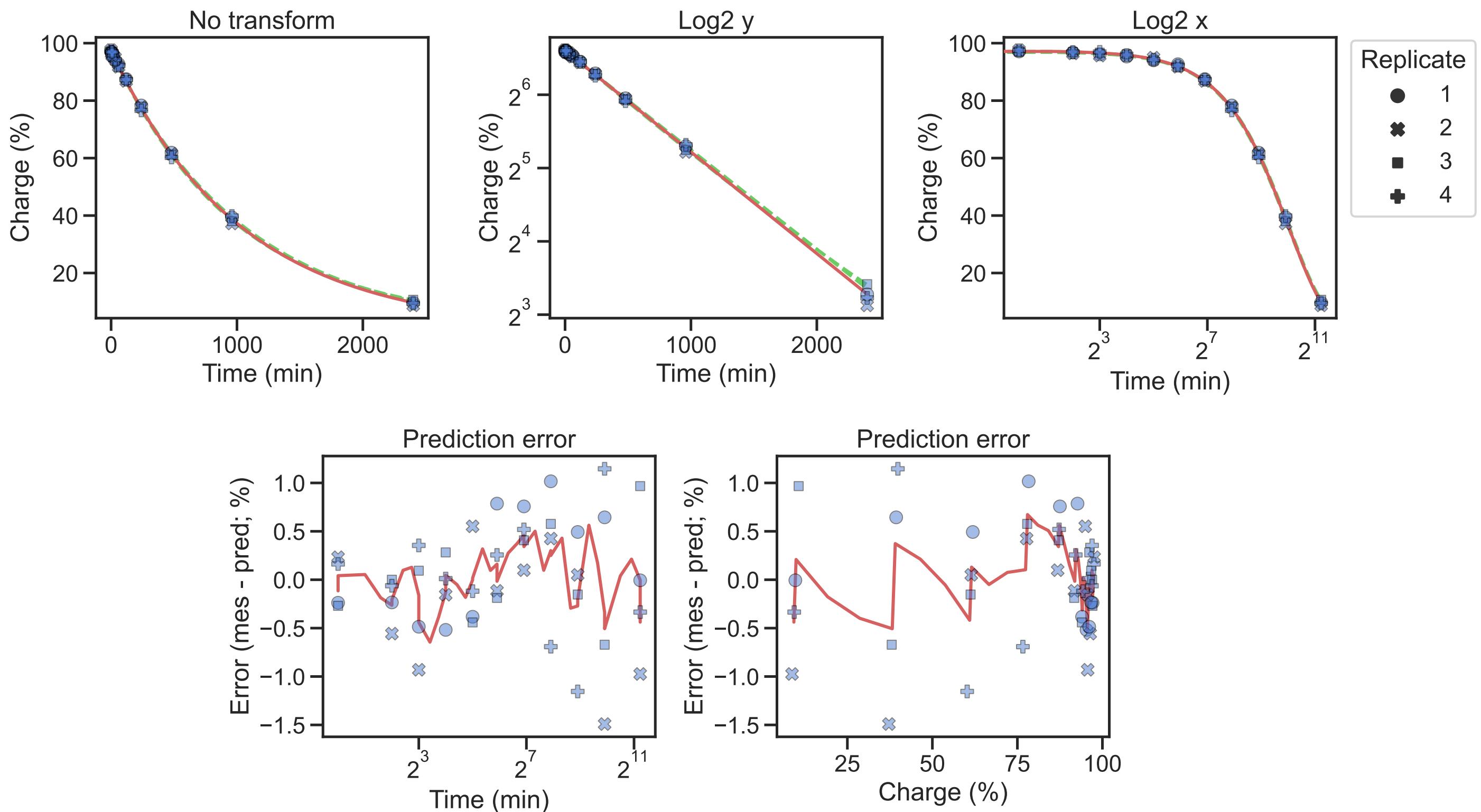
Gly-GCC-2-1 half-life=703 min, 95% CI (645; 732)



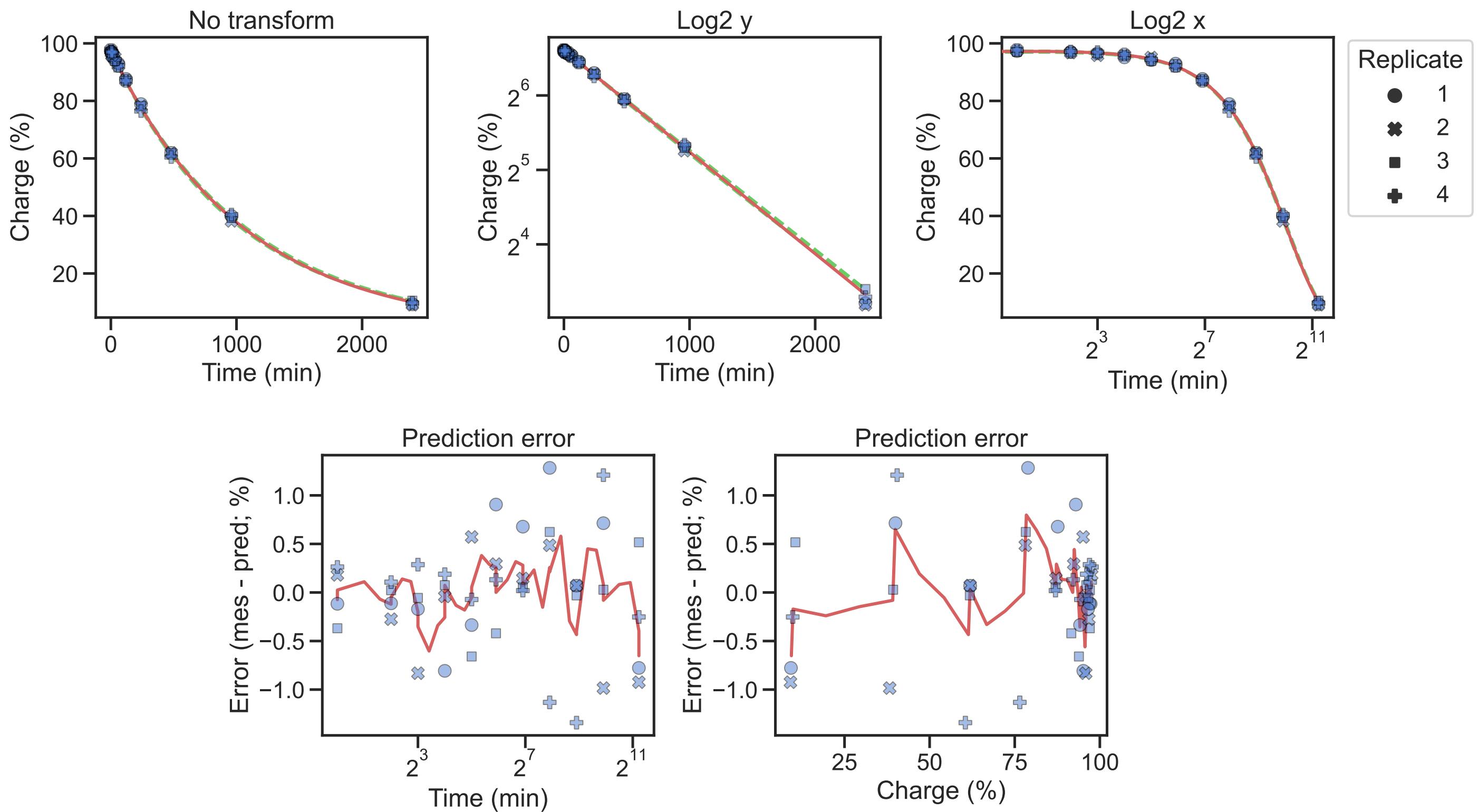
Gly-TCC-1-1 half-life=730 min, 95% CI (686; 764)



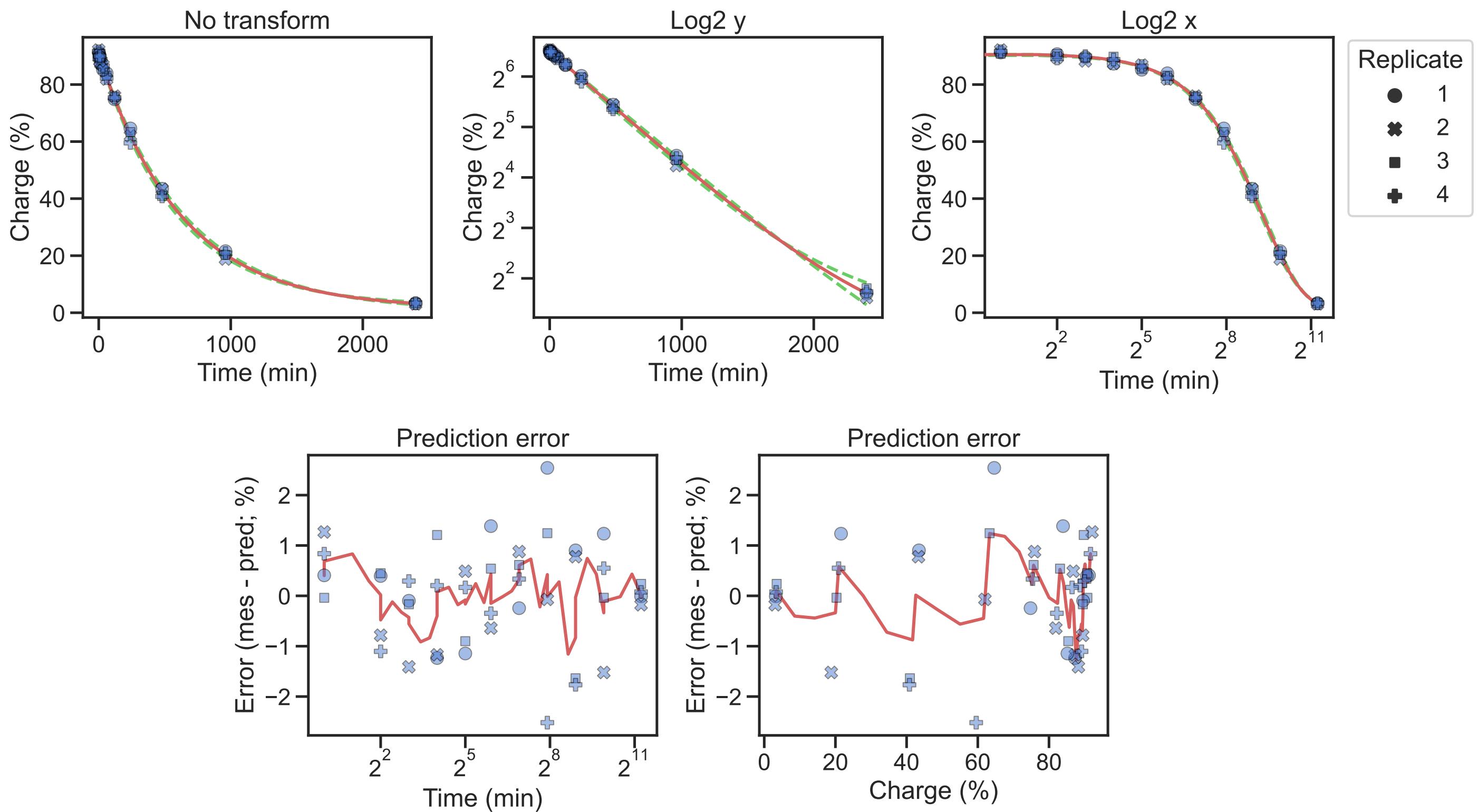
Gly-TCC-2-1 half-life=722 min, 95% CI (688; 739)



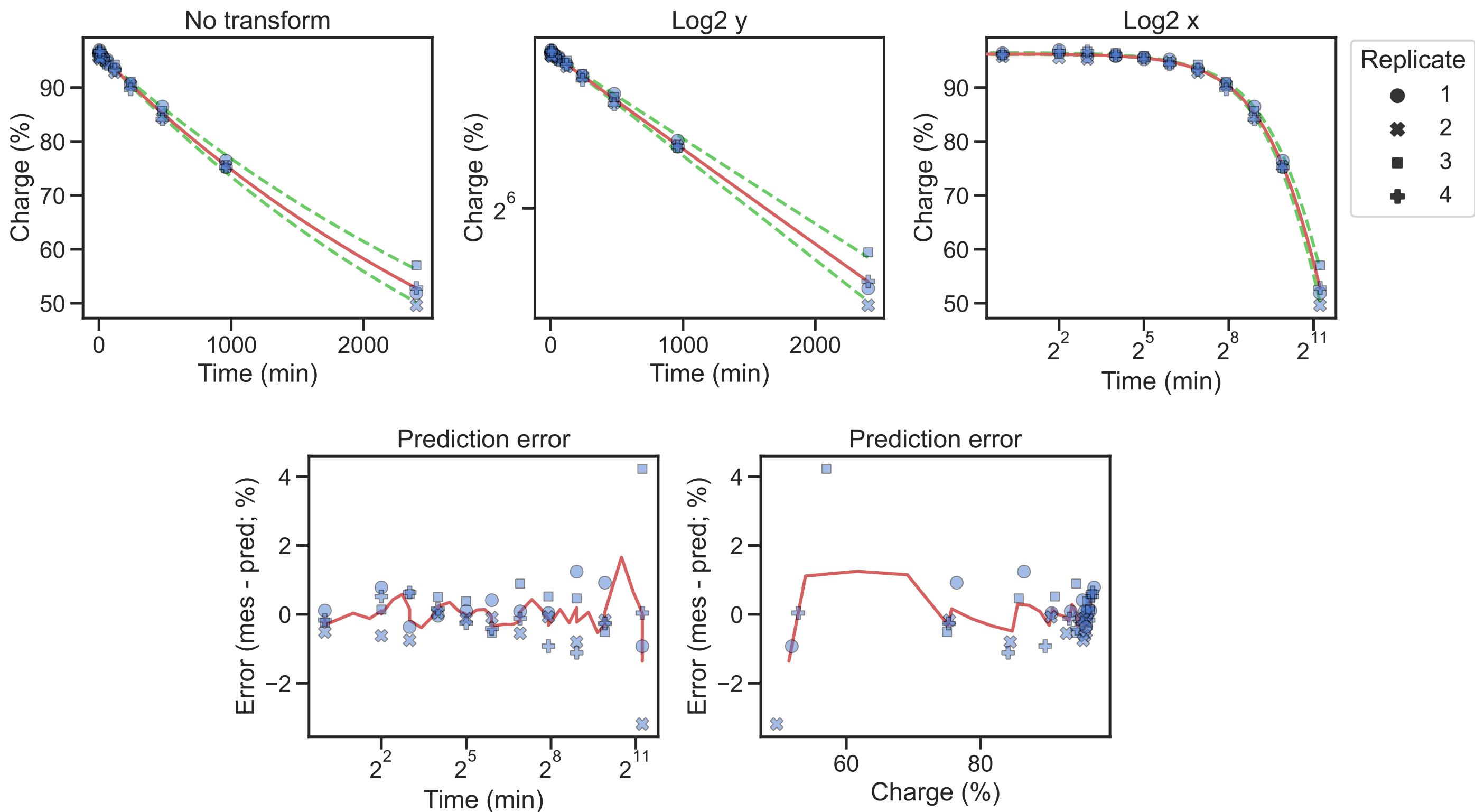
Gly-TCC-3-1 half-life=732 min, 95% CI (698; 748)



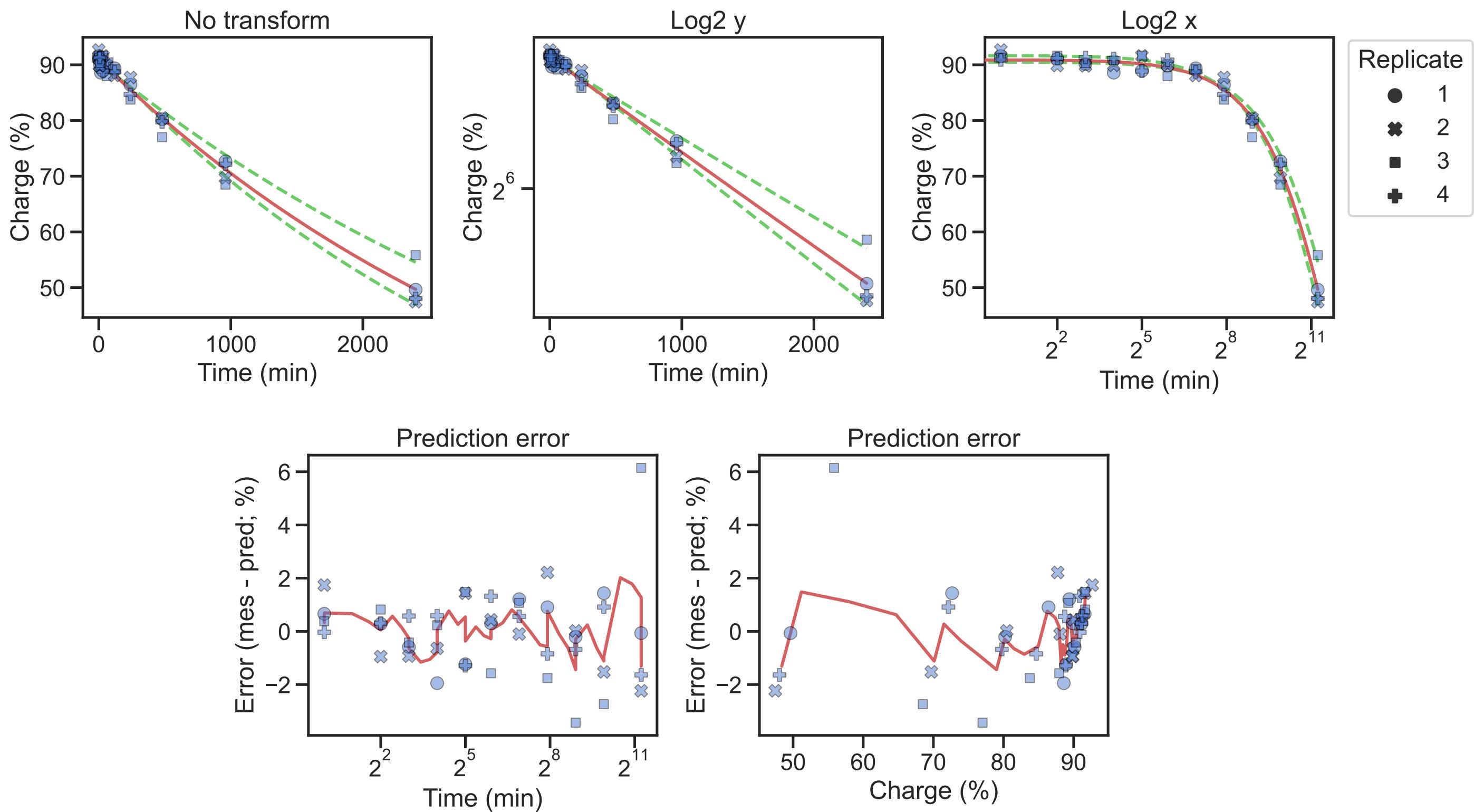
His-GTG-1-1 half-life=429 min, 95% CI (403; 455)



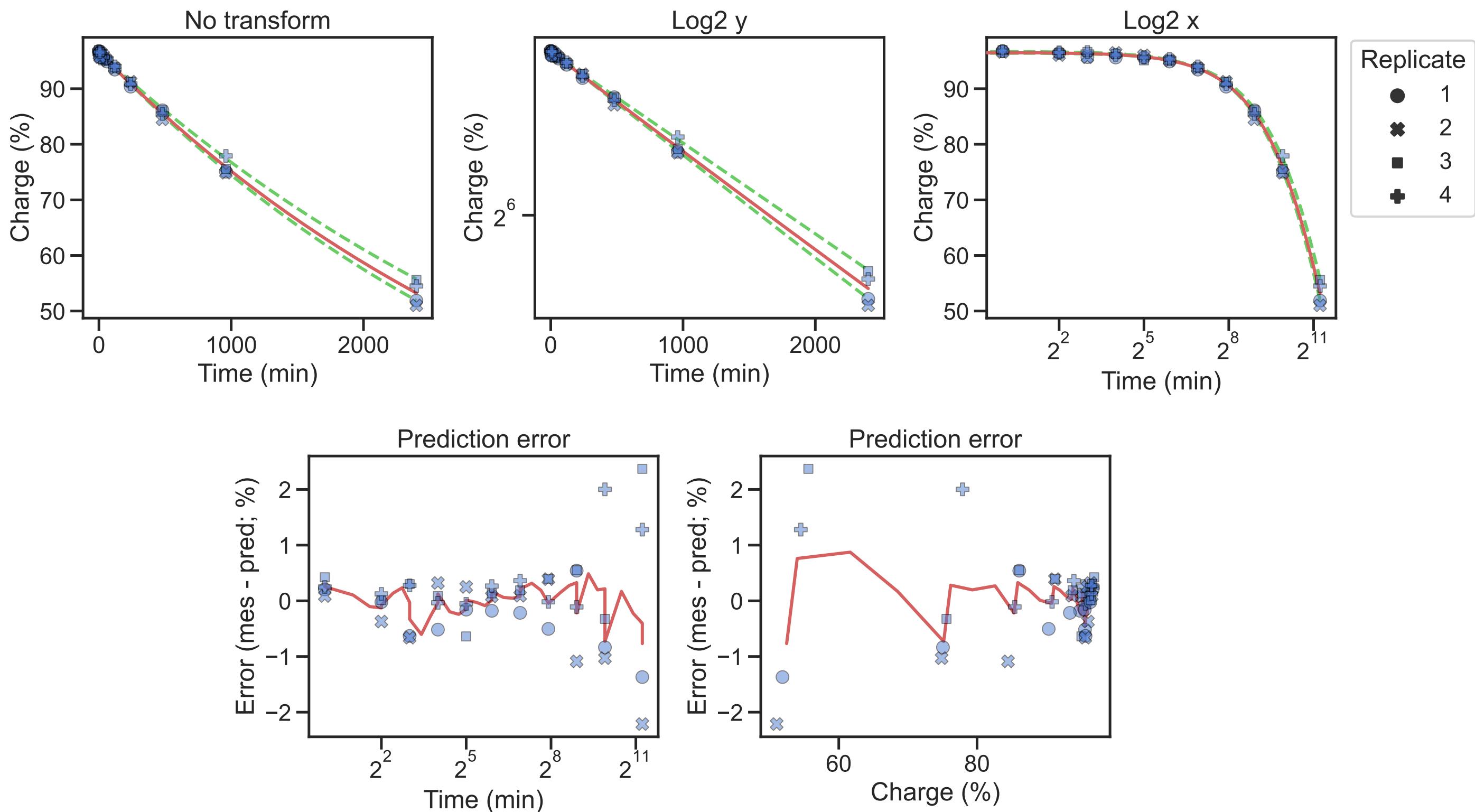
Ile-AAT-2-1 half-life=2631 min, 95% CI (2541; 2953)



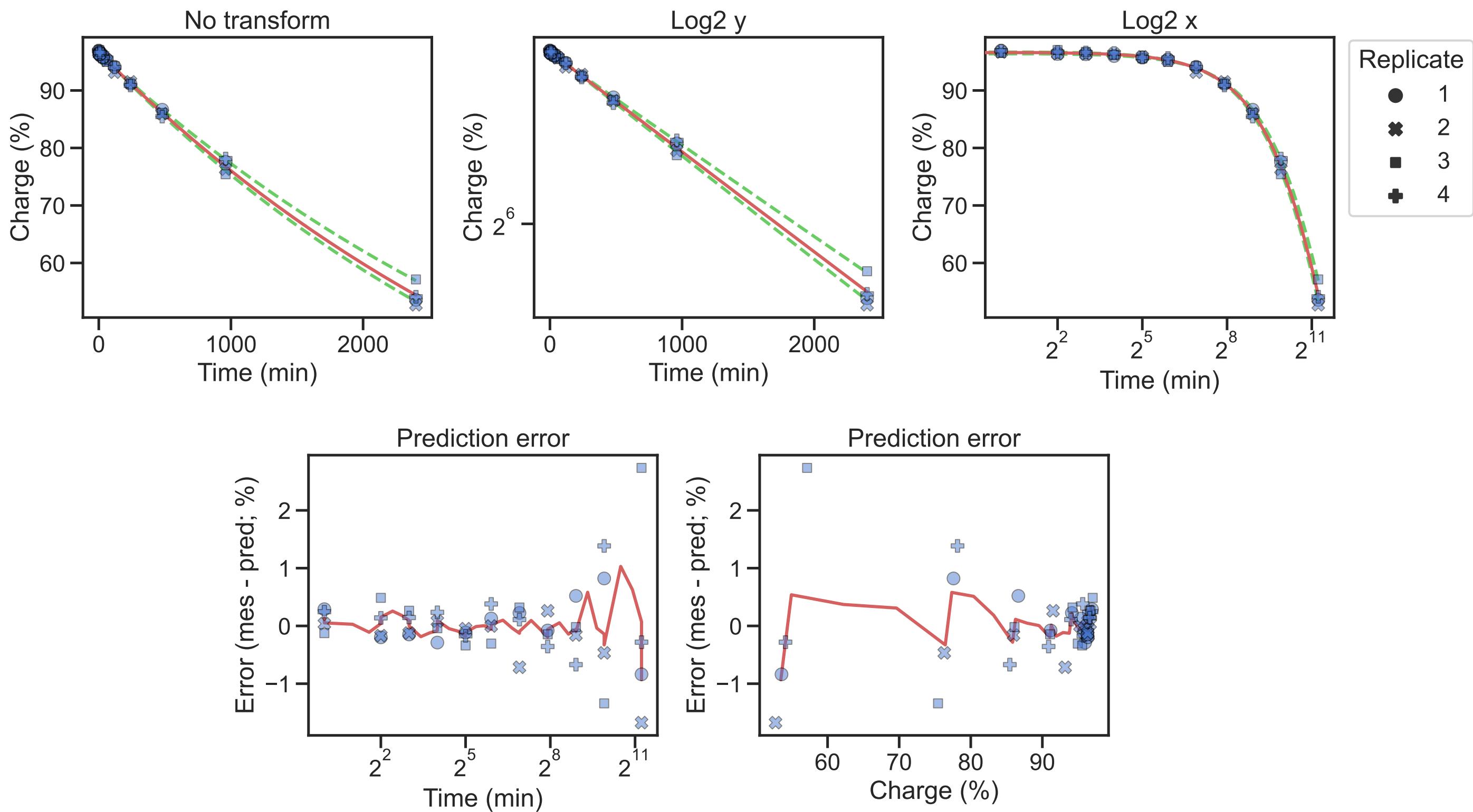
Ile-AAT-3-1 half-life=2609 min, 95% CI (2348; 3121)



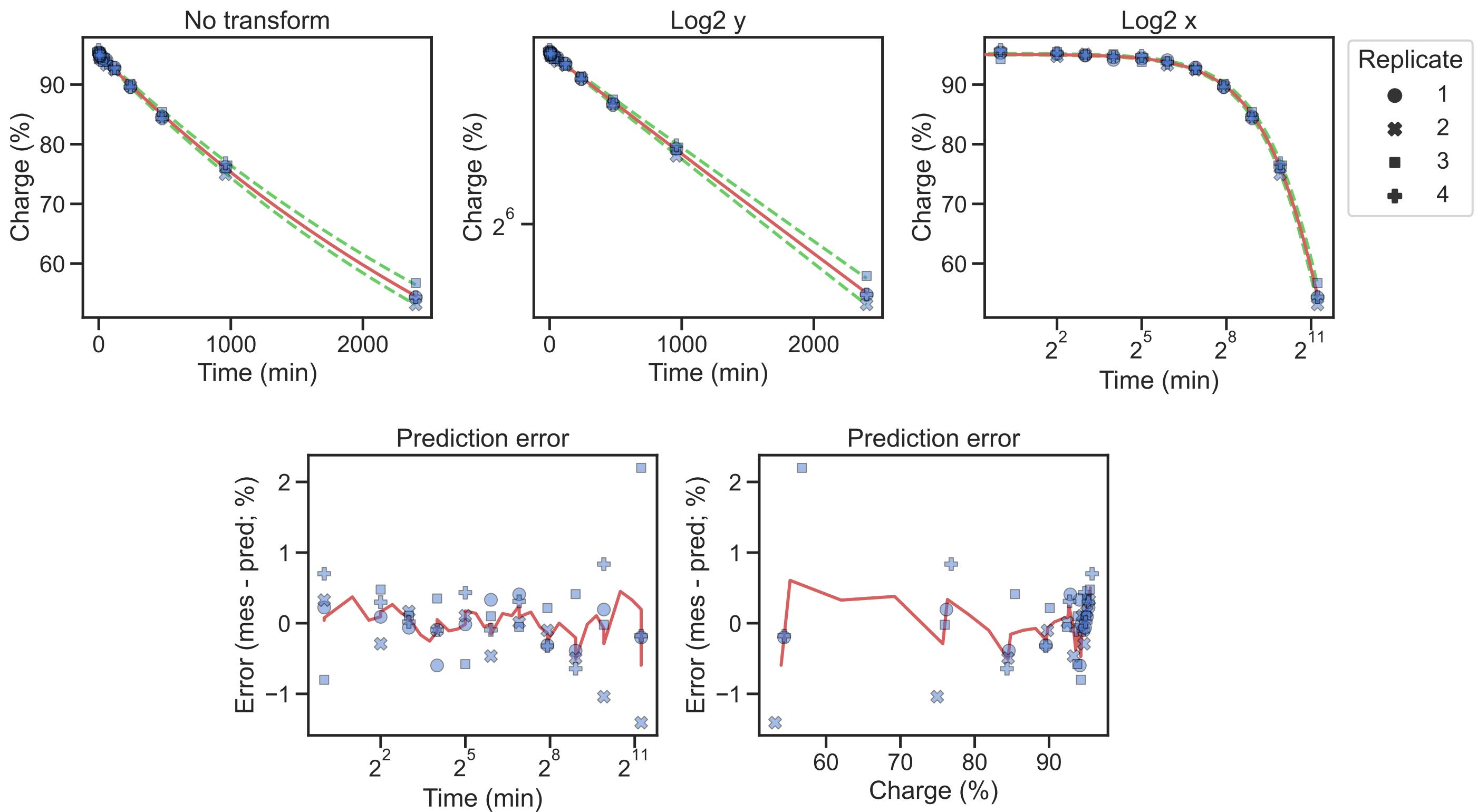
Ile-AAT-4-1 half-life=2657 min, 95% CI (2554; 3035)



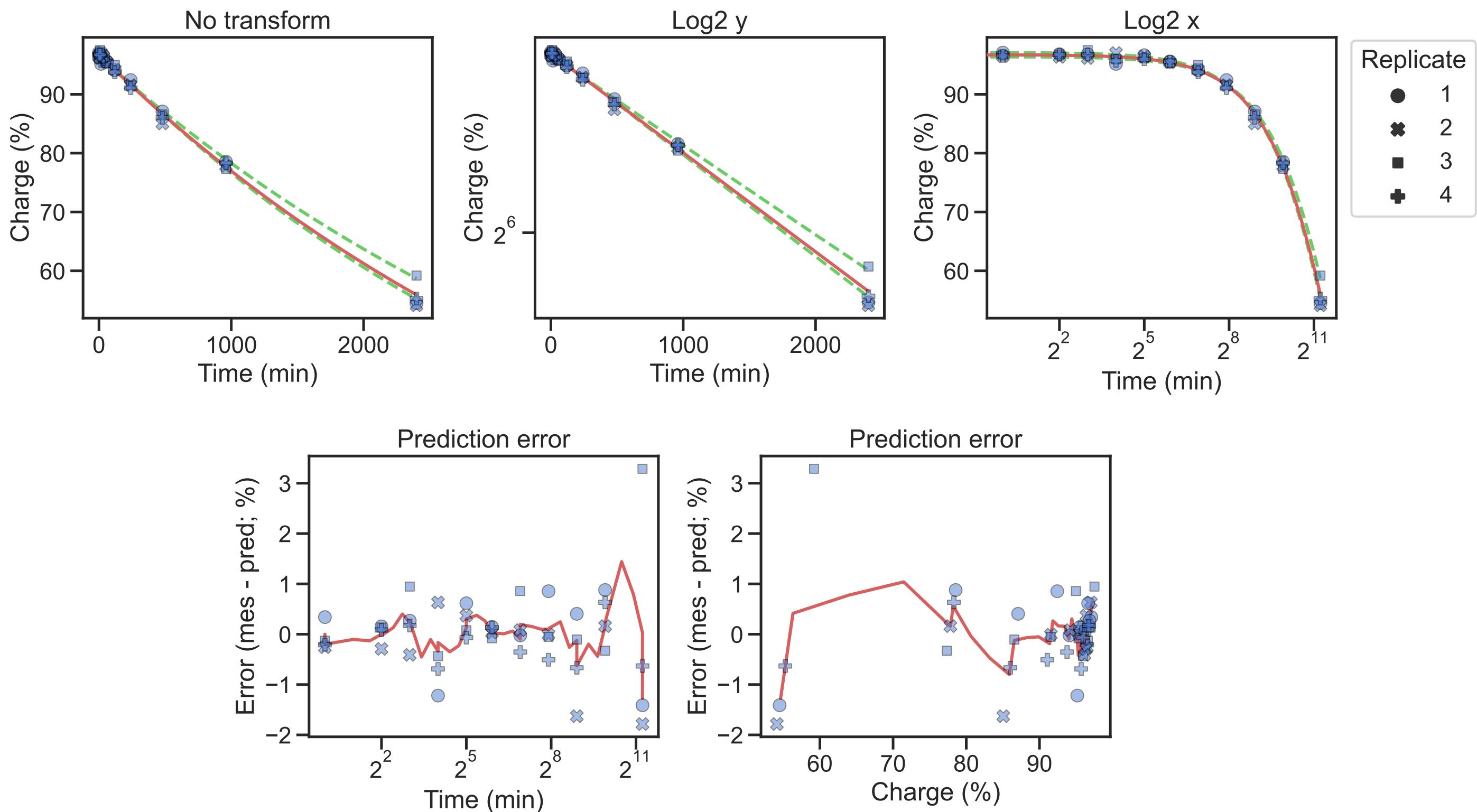
Ile-AAT-5-1 half-life=2869 min, 95% CI (2653; 3006)



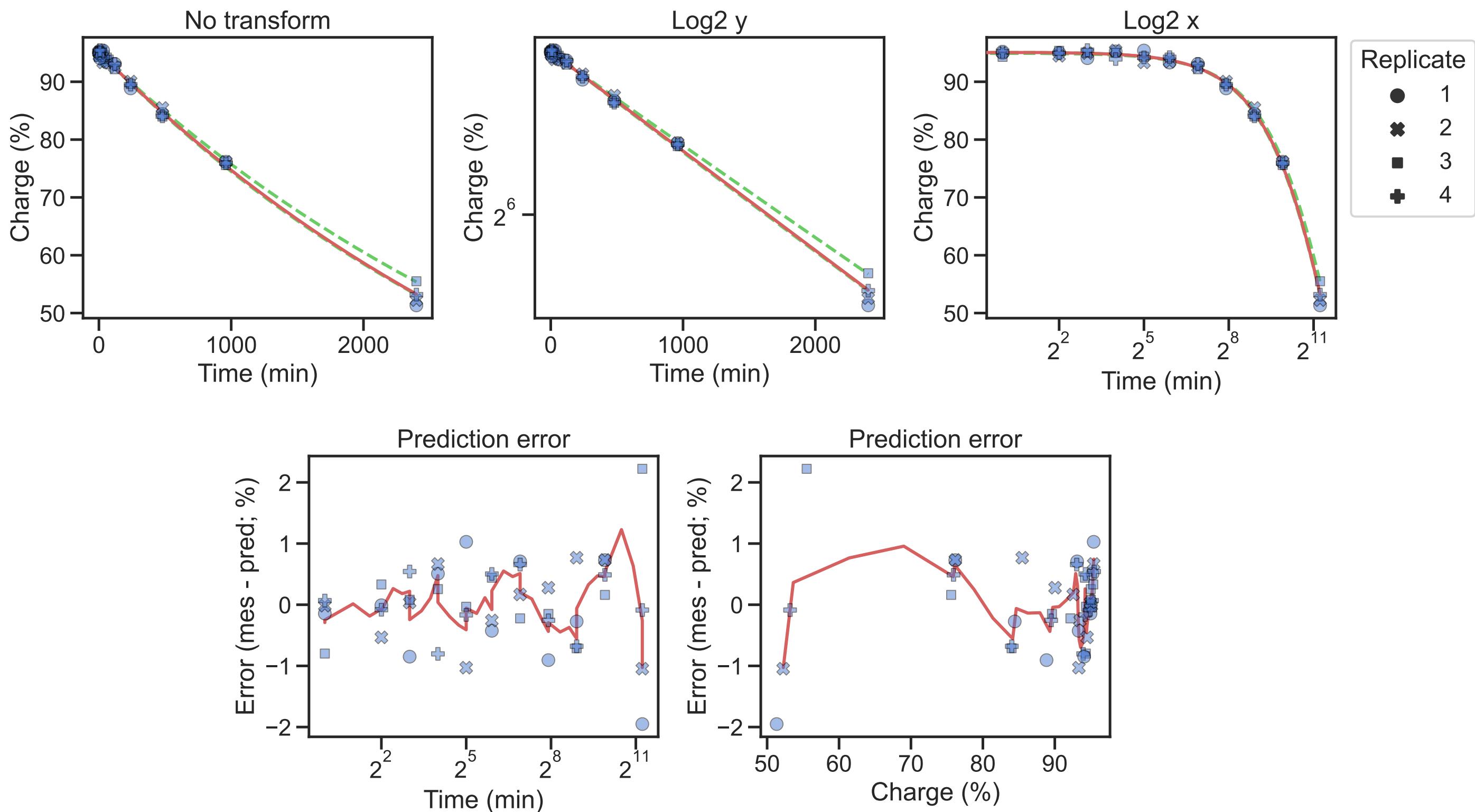
Ile-AAT-6-1 half-life=2846 min, 95% CI (2714; 3024)



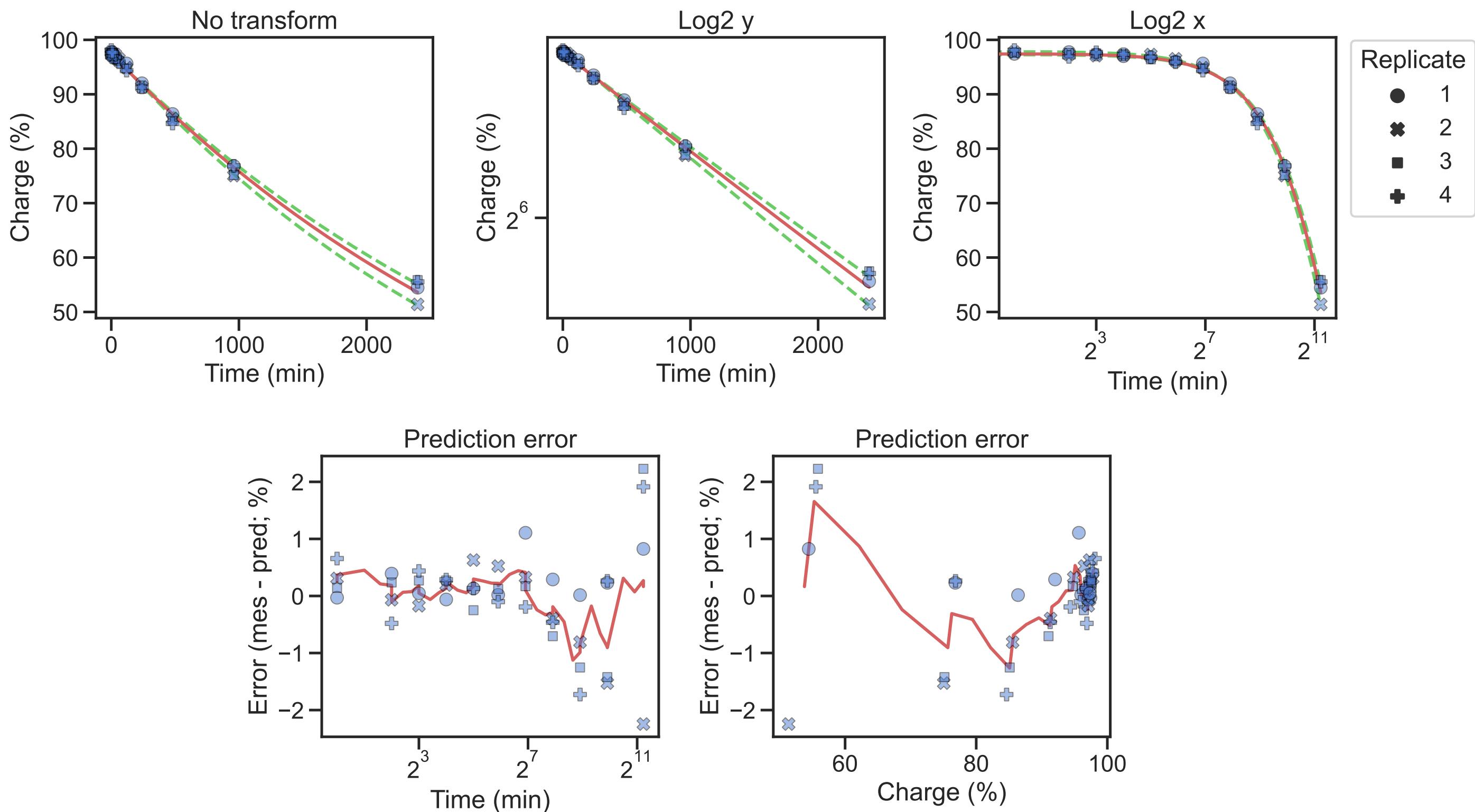
Ile-AAT-7-1 half-life=3013 min, 95% CI (2803; 3196)



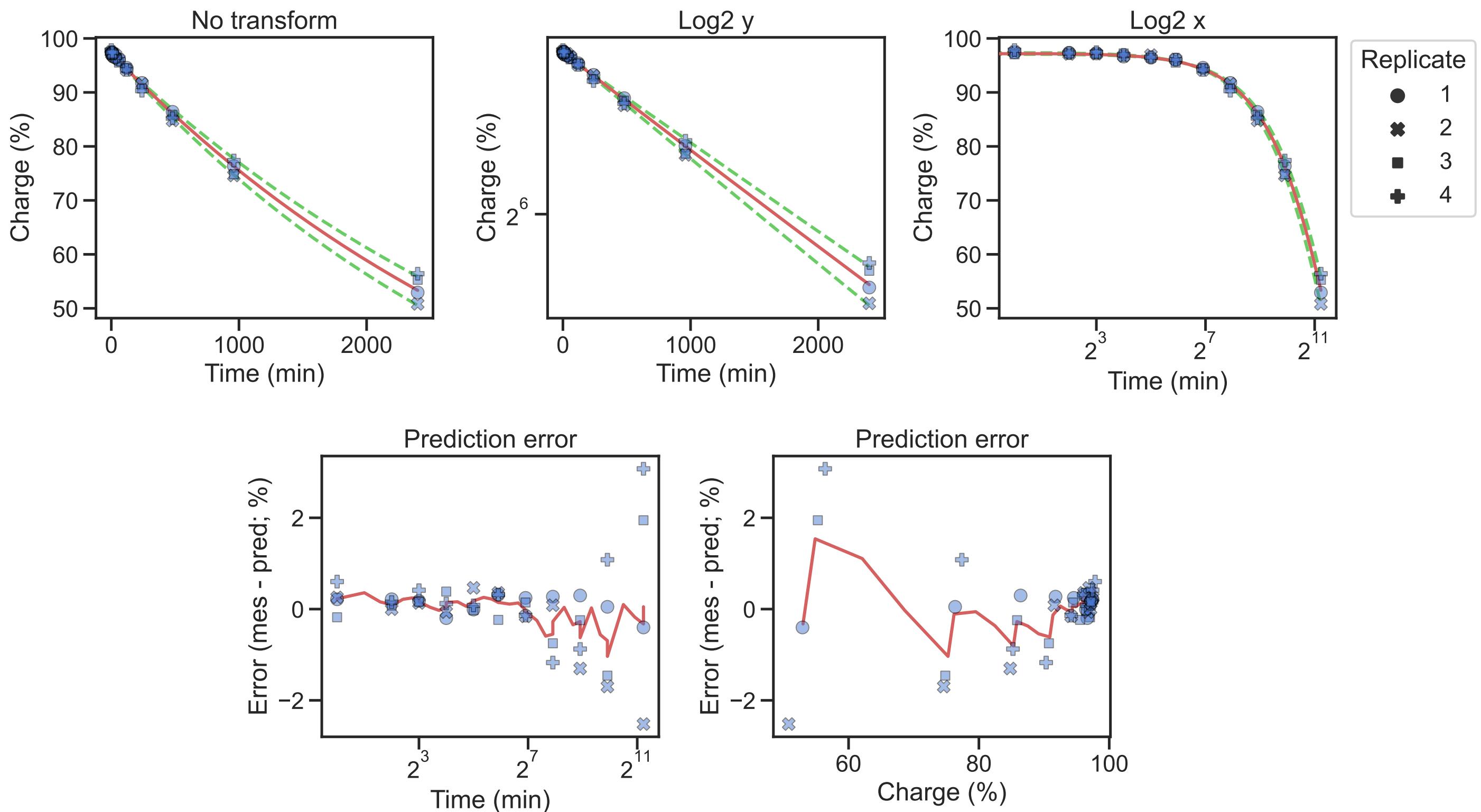
Ile-AAT-8-1 half-life=2871 min, 95% CI (2718; 2935)



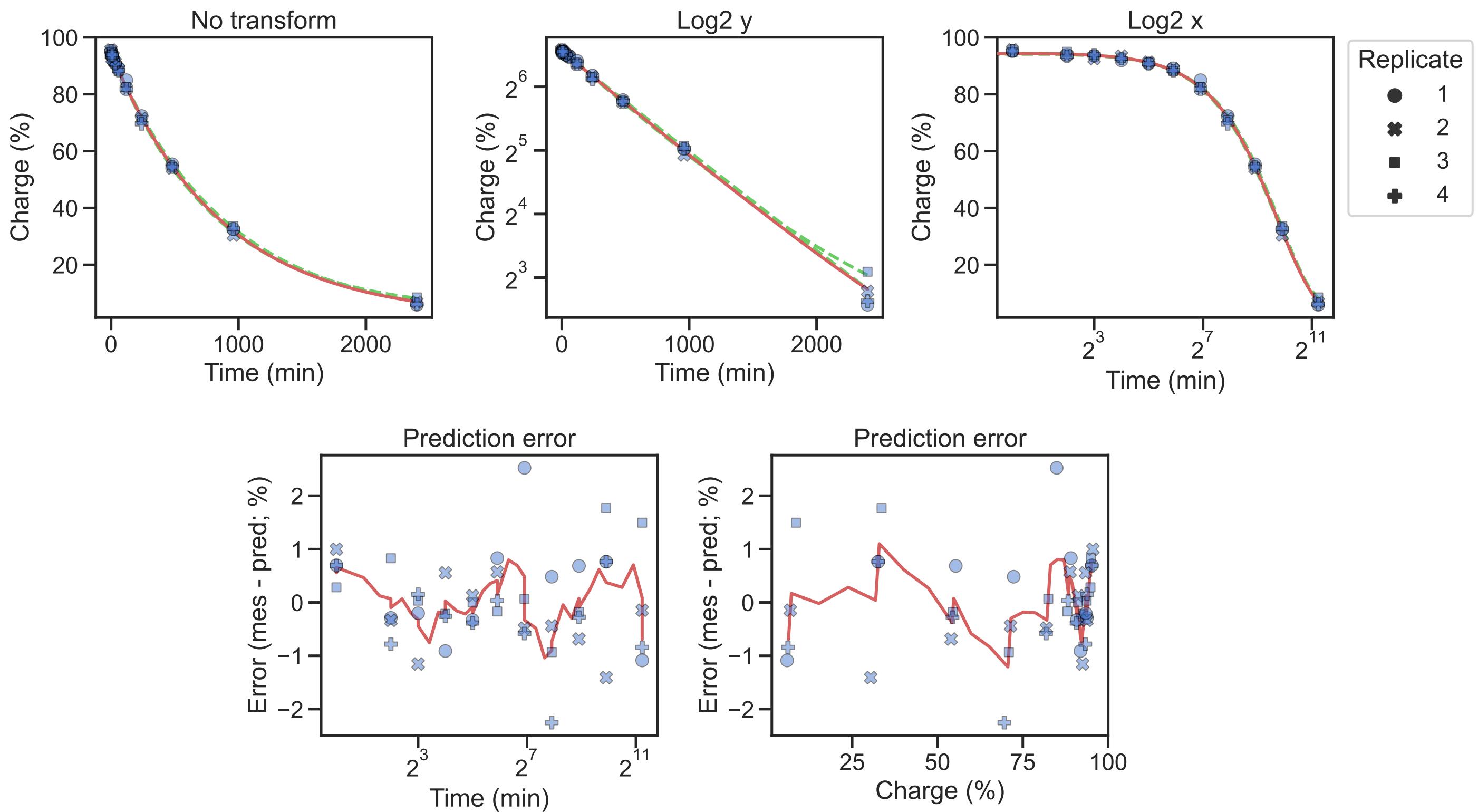
Ile-TAT-1-1 half-life=2648 min, 95% CI (2439; 2785)



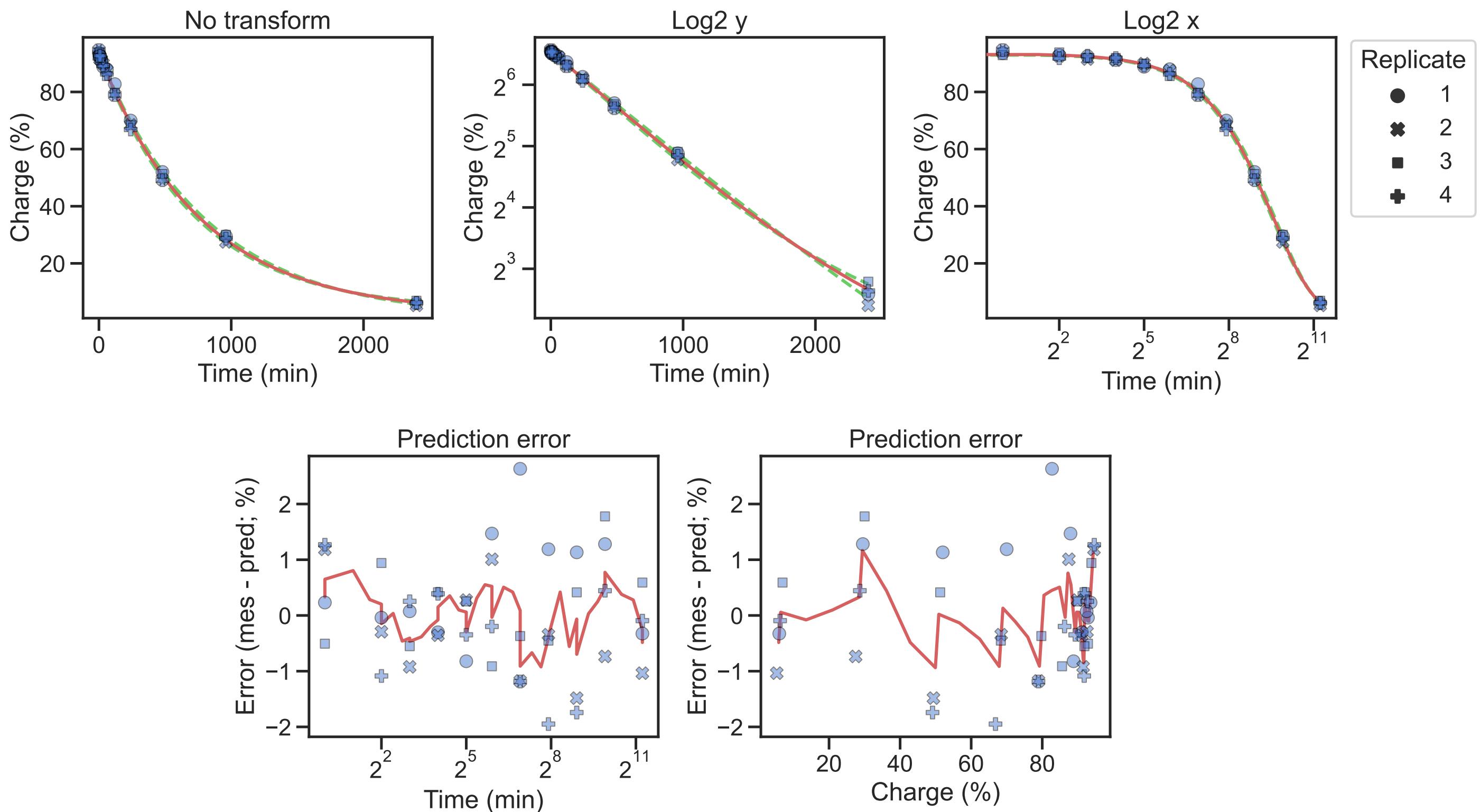
Ile-TAT-2-1 half-life=2633 min, 95% CI (2407; 2866)



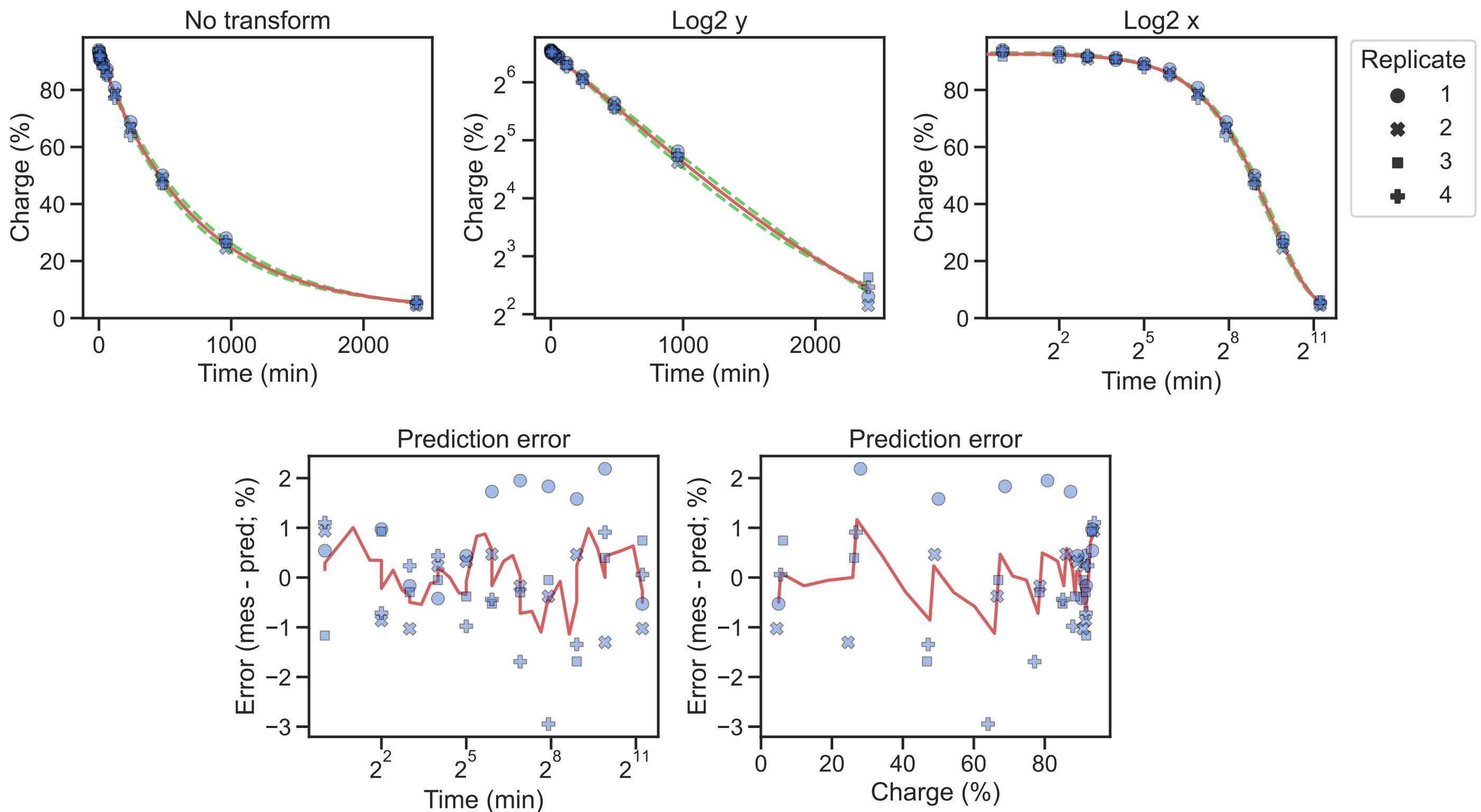
Leu-AAG-1-1 half-life=596 min, 95% CI (564; 628)



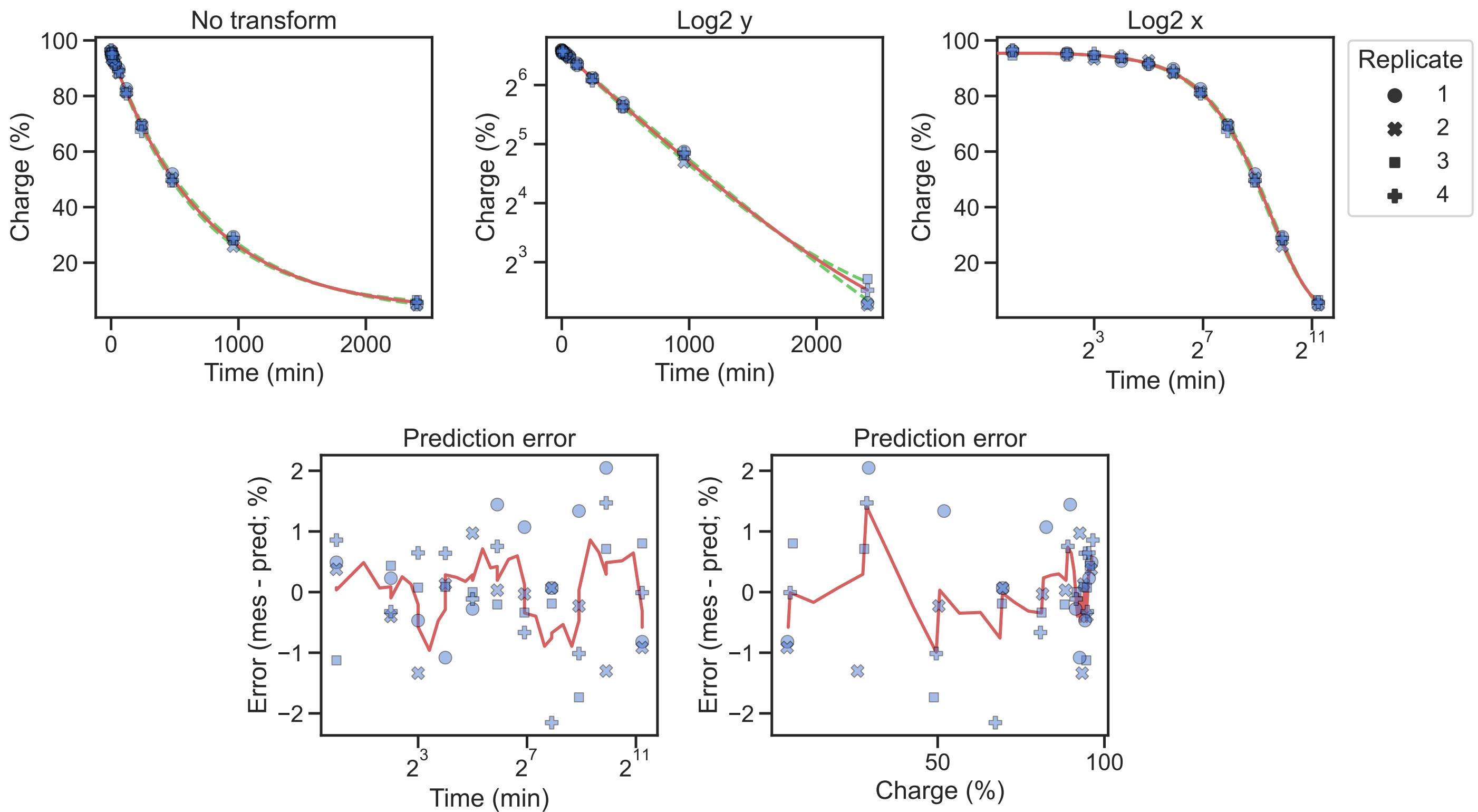
Leu-AAG-2-1 half-life=528 min, 95% CI (501; 568)



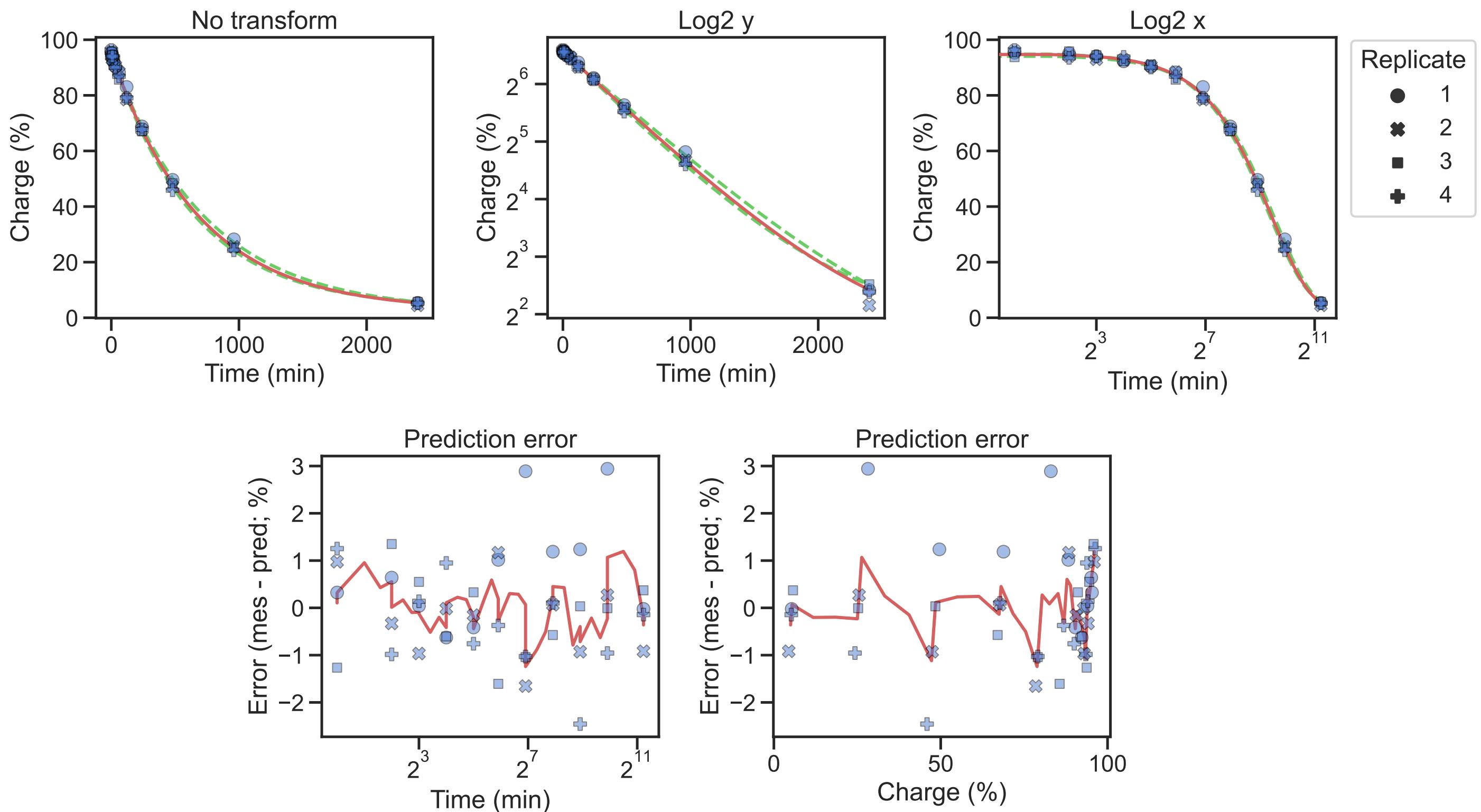
Leu-CAA-1-1 half-life=494 min, 95% CI (458; 534)



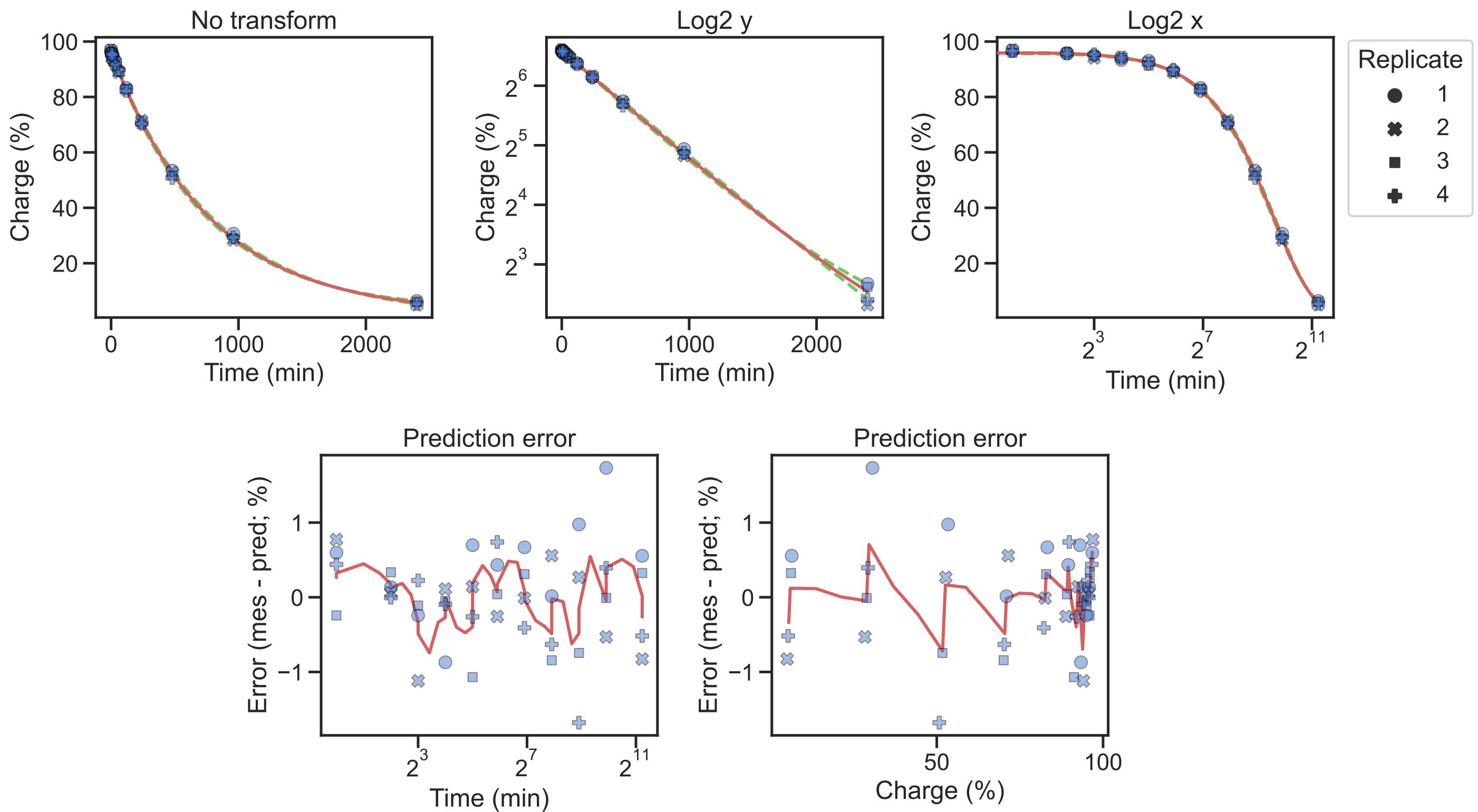
Leu-CAA-2-1 half-life=504 min, 95% CI (477; 532)



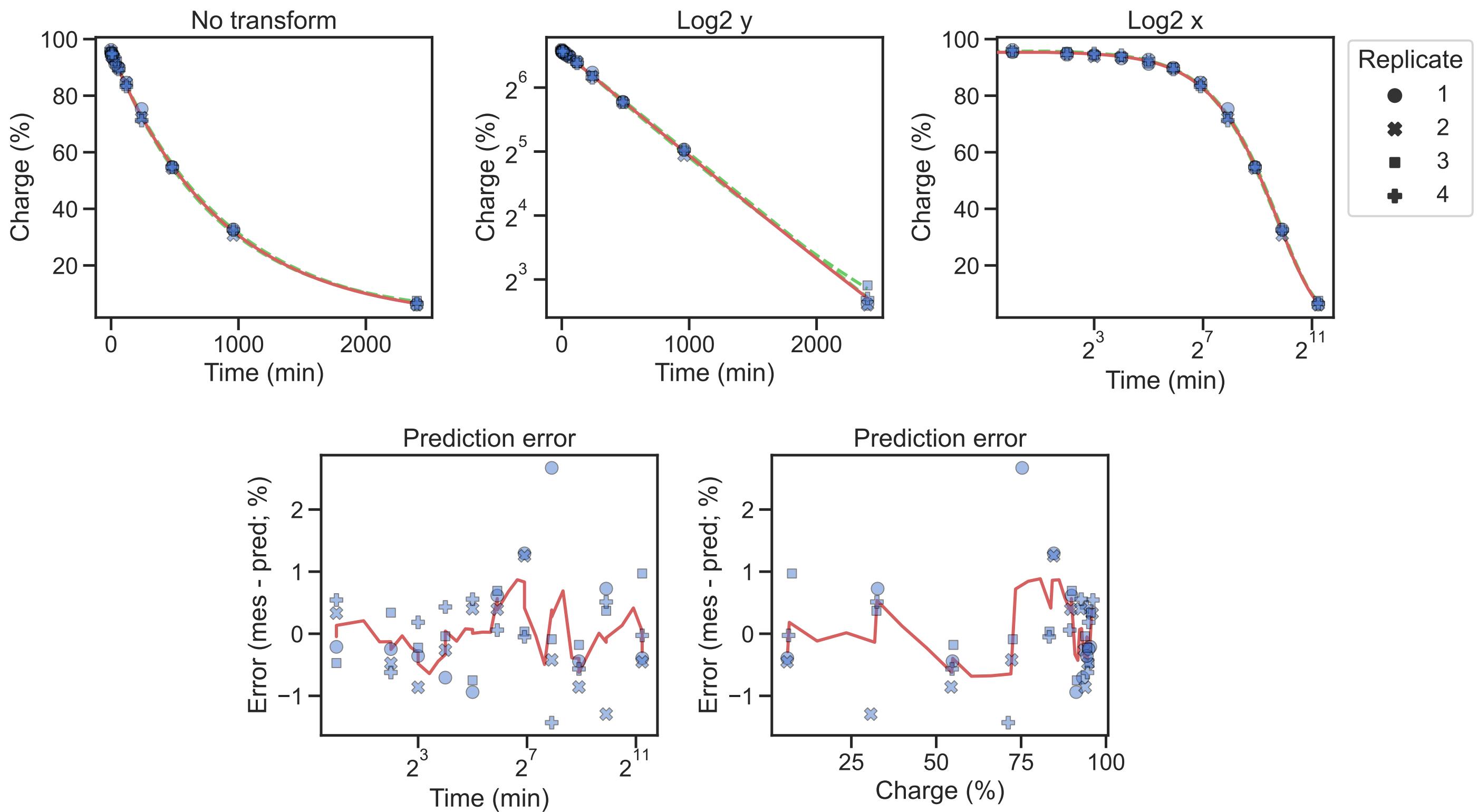
Leu-CAA-3-1 half-life=473 min, 95% CI (446; 510)



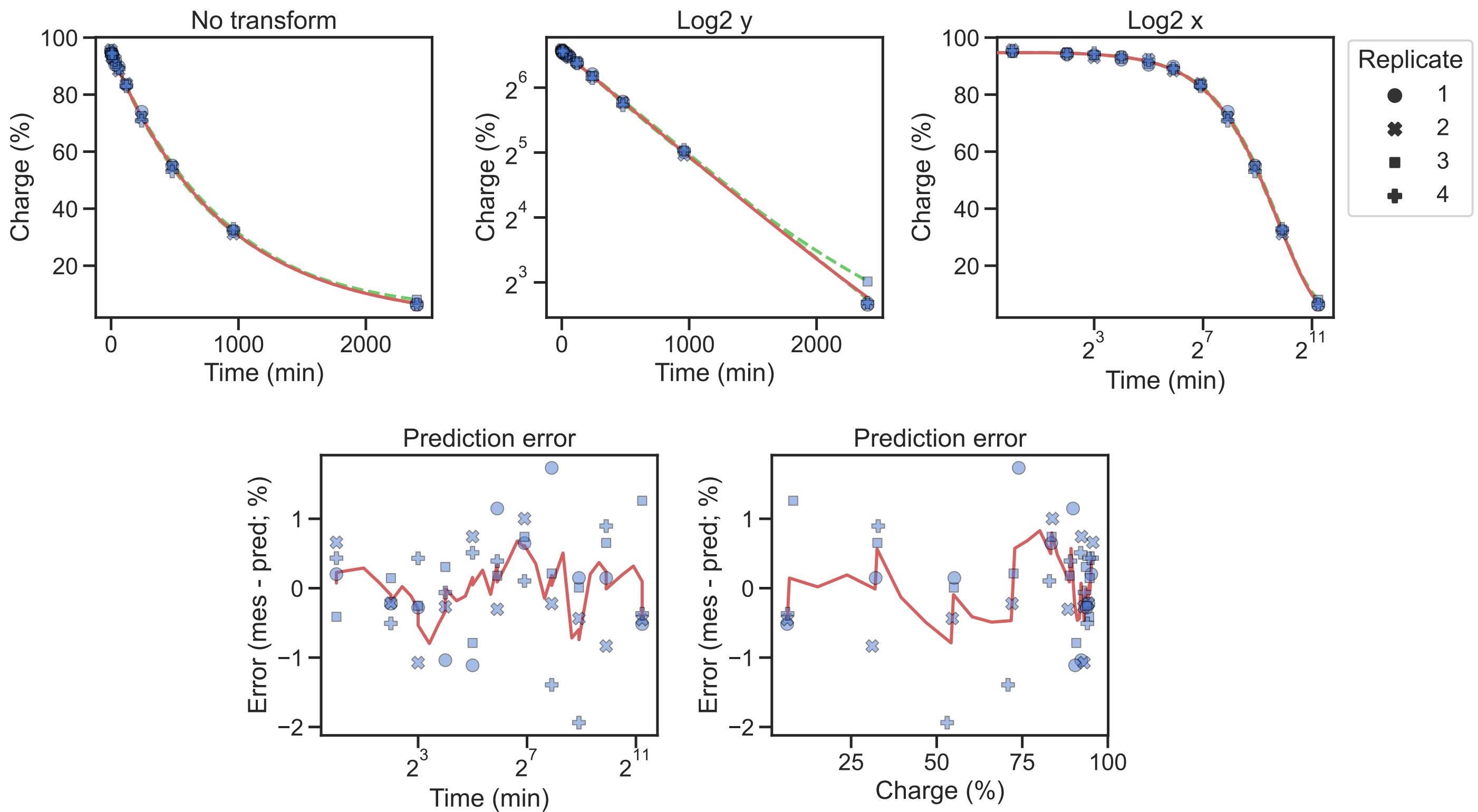
Leu-CAA-4-1 half-life=536 min, 95% CI (511; 565)



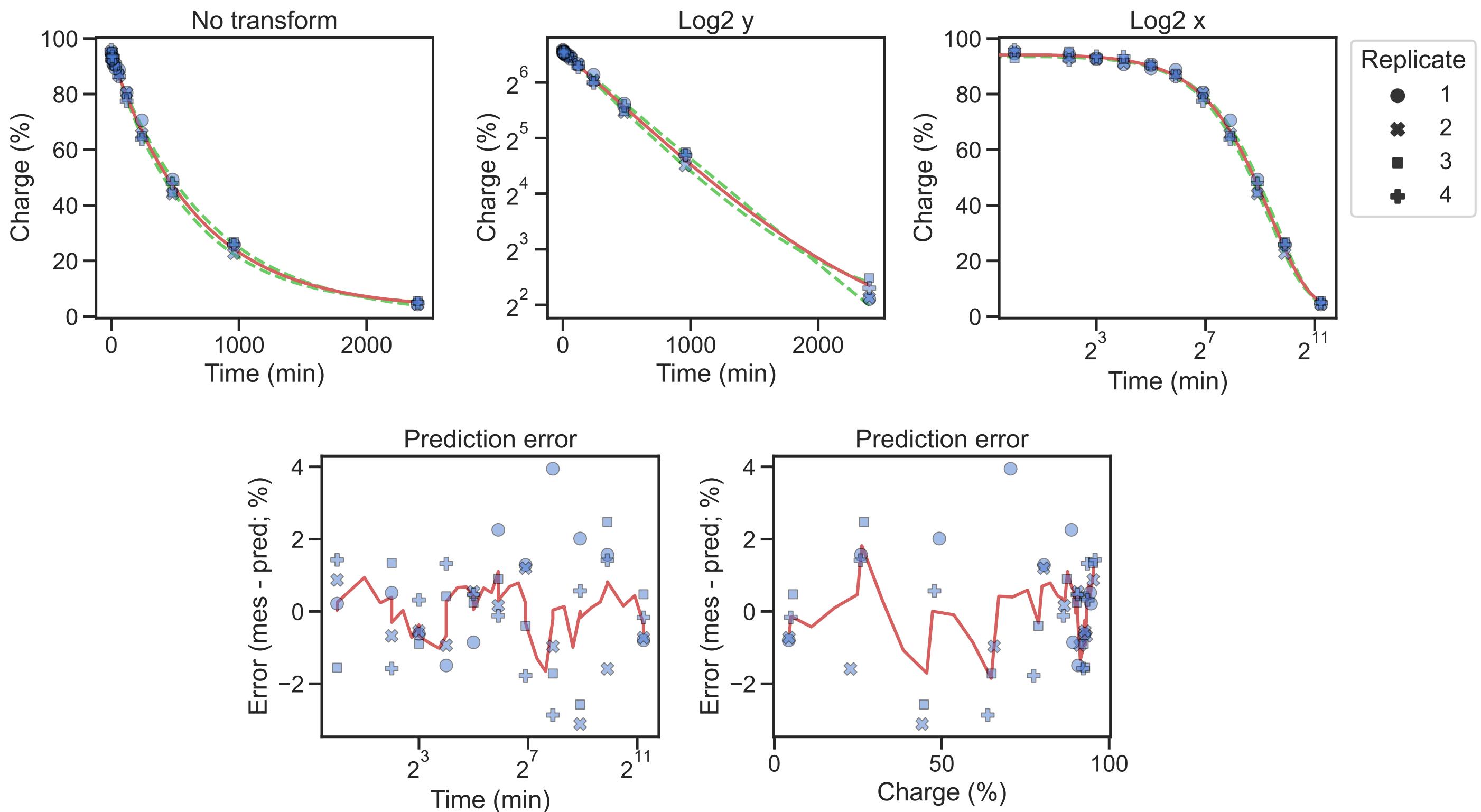
Leu-CAG-1-1 half-life=602 min, 95% CI (570; 621)



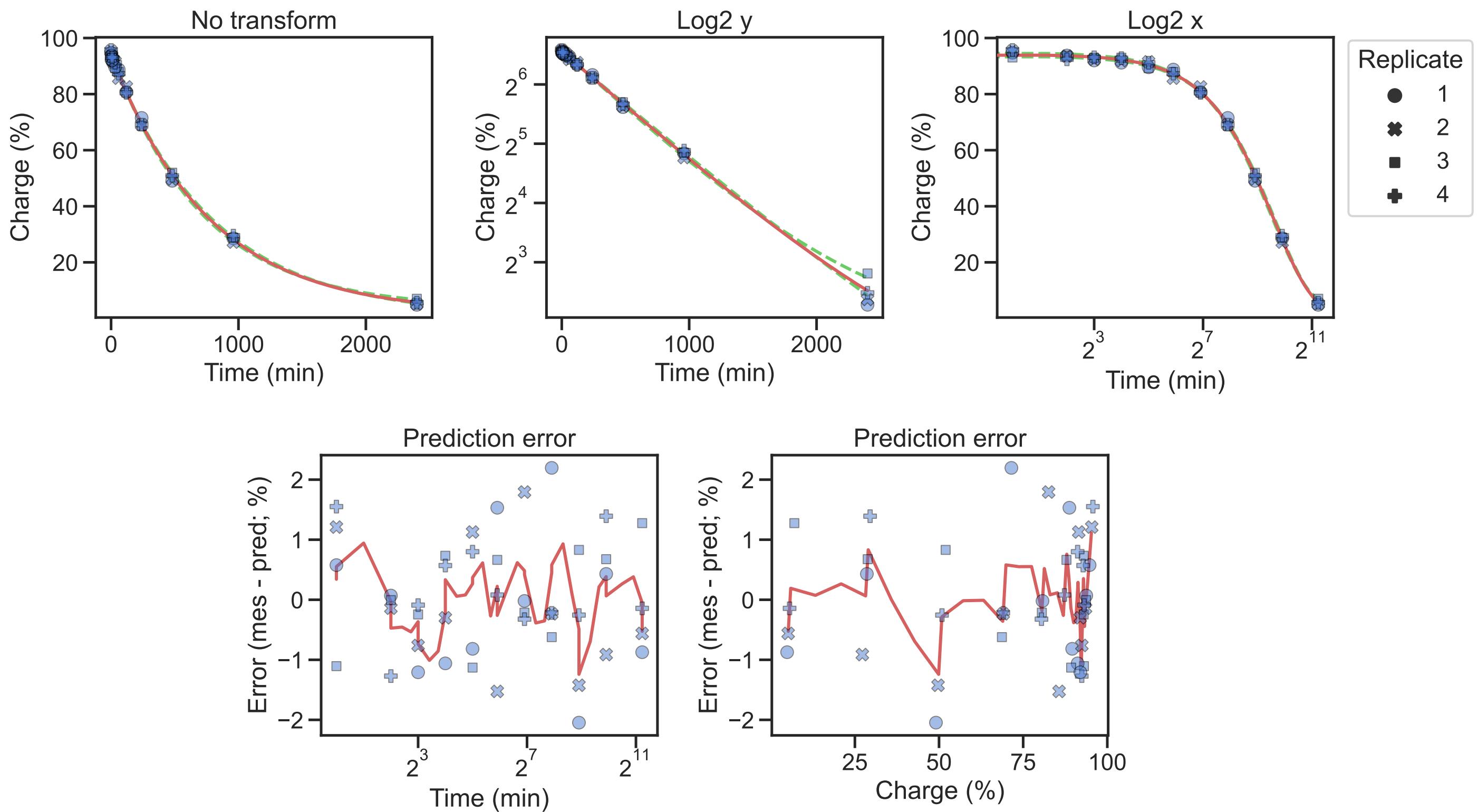
Leu-CAG-2-1 half-life=602 min, 95% CI (569; 626)



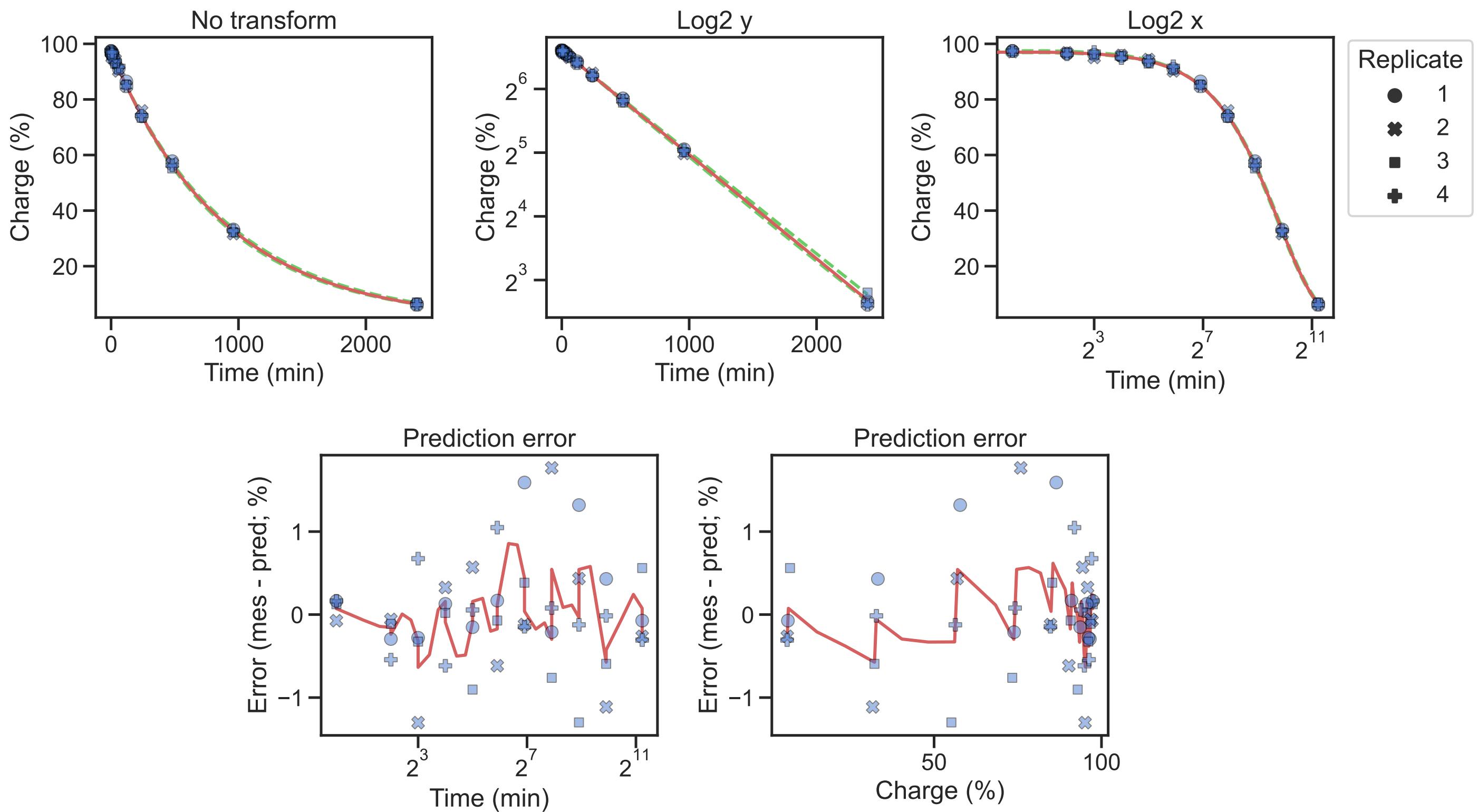
Leu-TAA-1-1 half-life=462 min, 95% CI (424; 520)



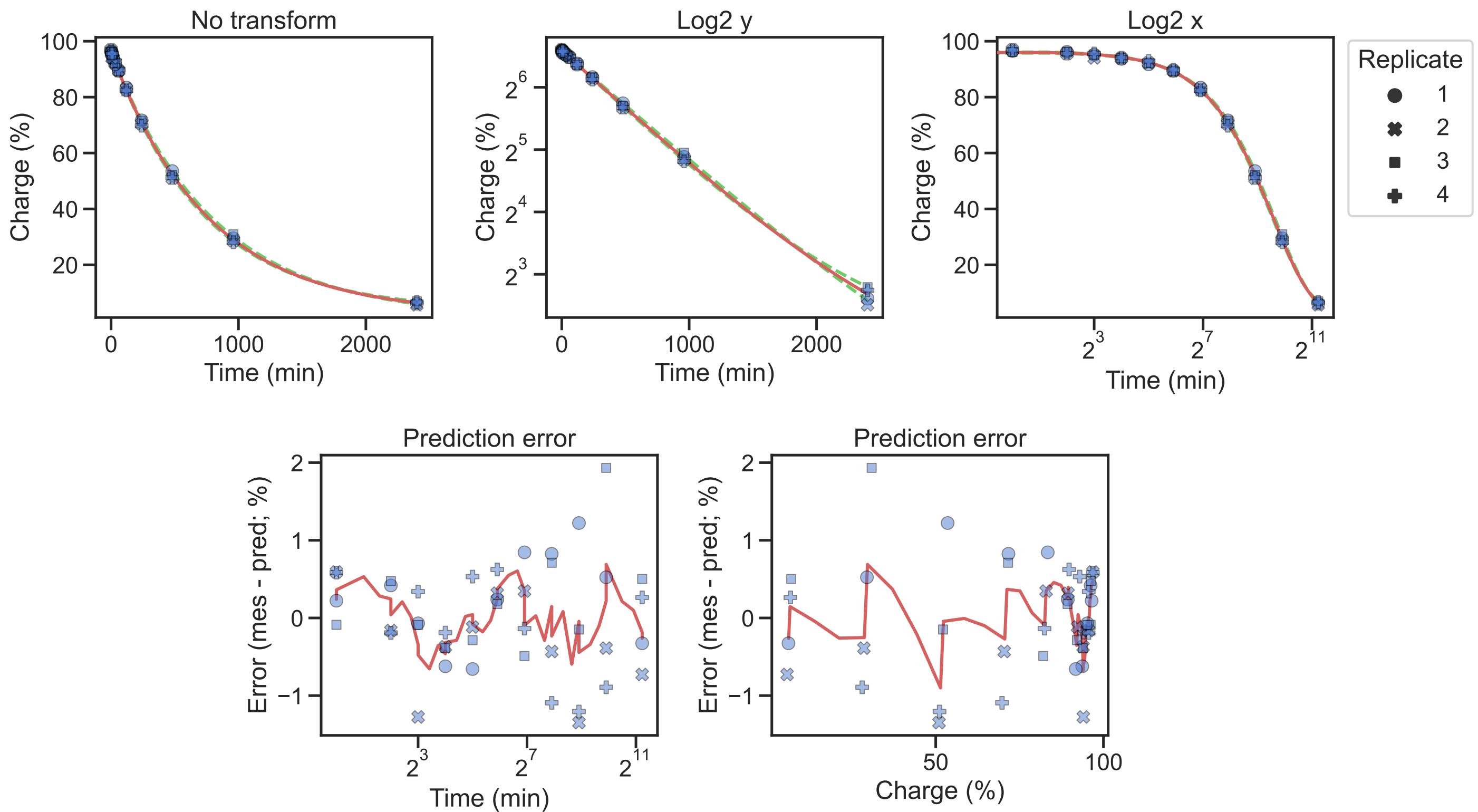
Leu-TAA-3-1 half-life=531 min, 95% CI (497; 557)



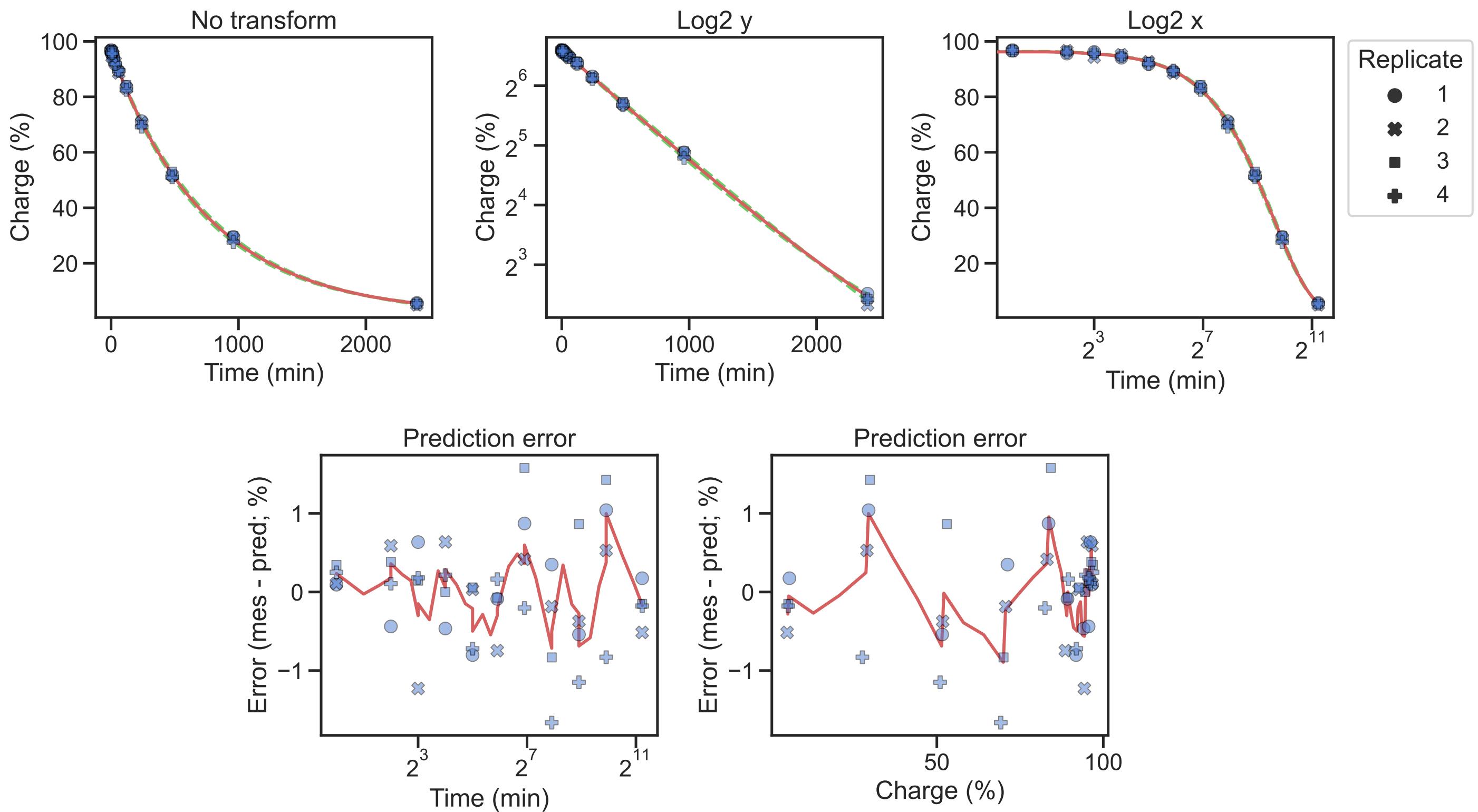
Leu-TAG-1-1 half-life=612 min, 95% CI (590; 627)



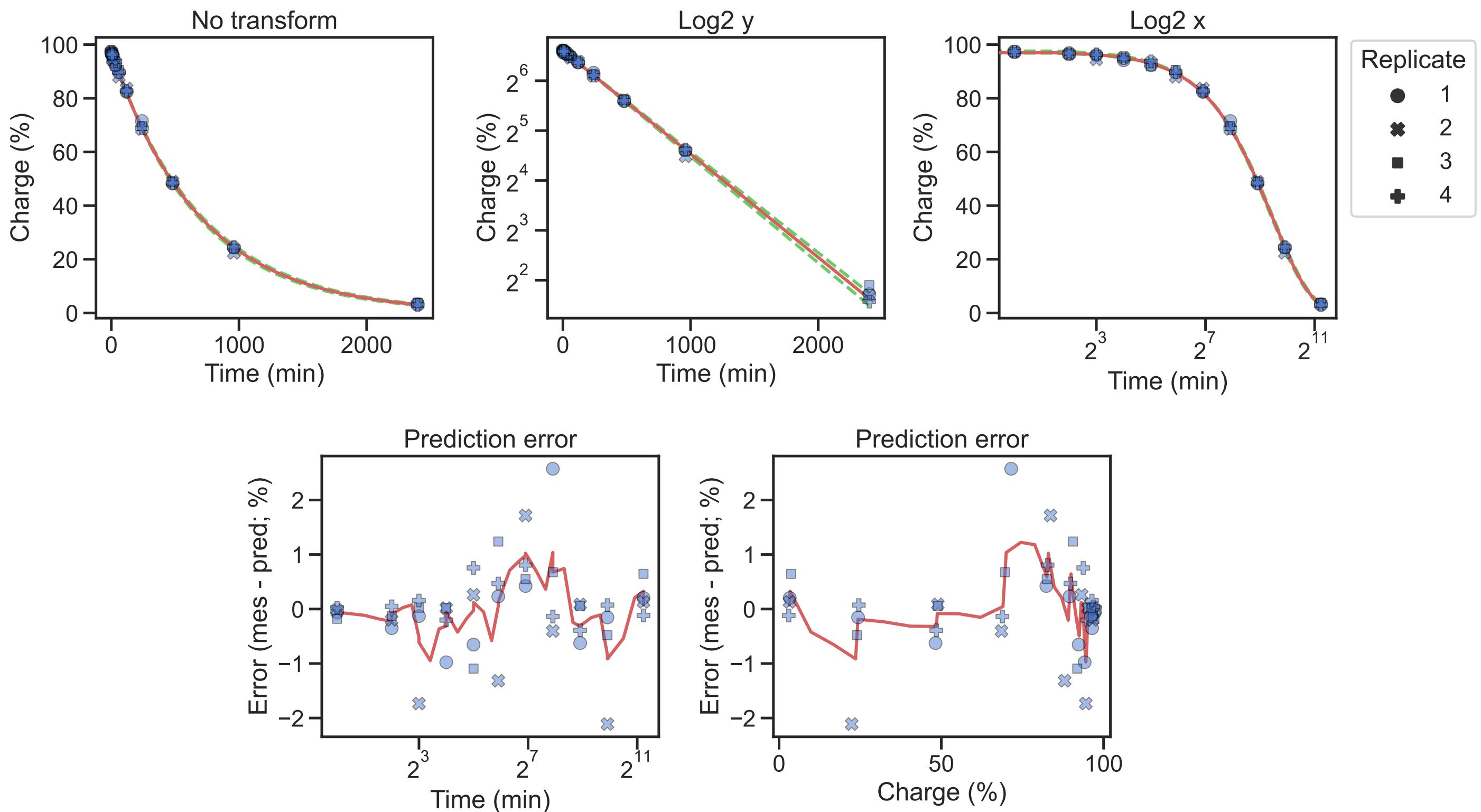
Leu-TAG-2-1 half-life=527 min, 95% CI (505; 561)



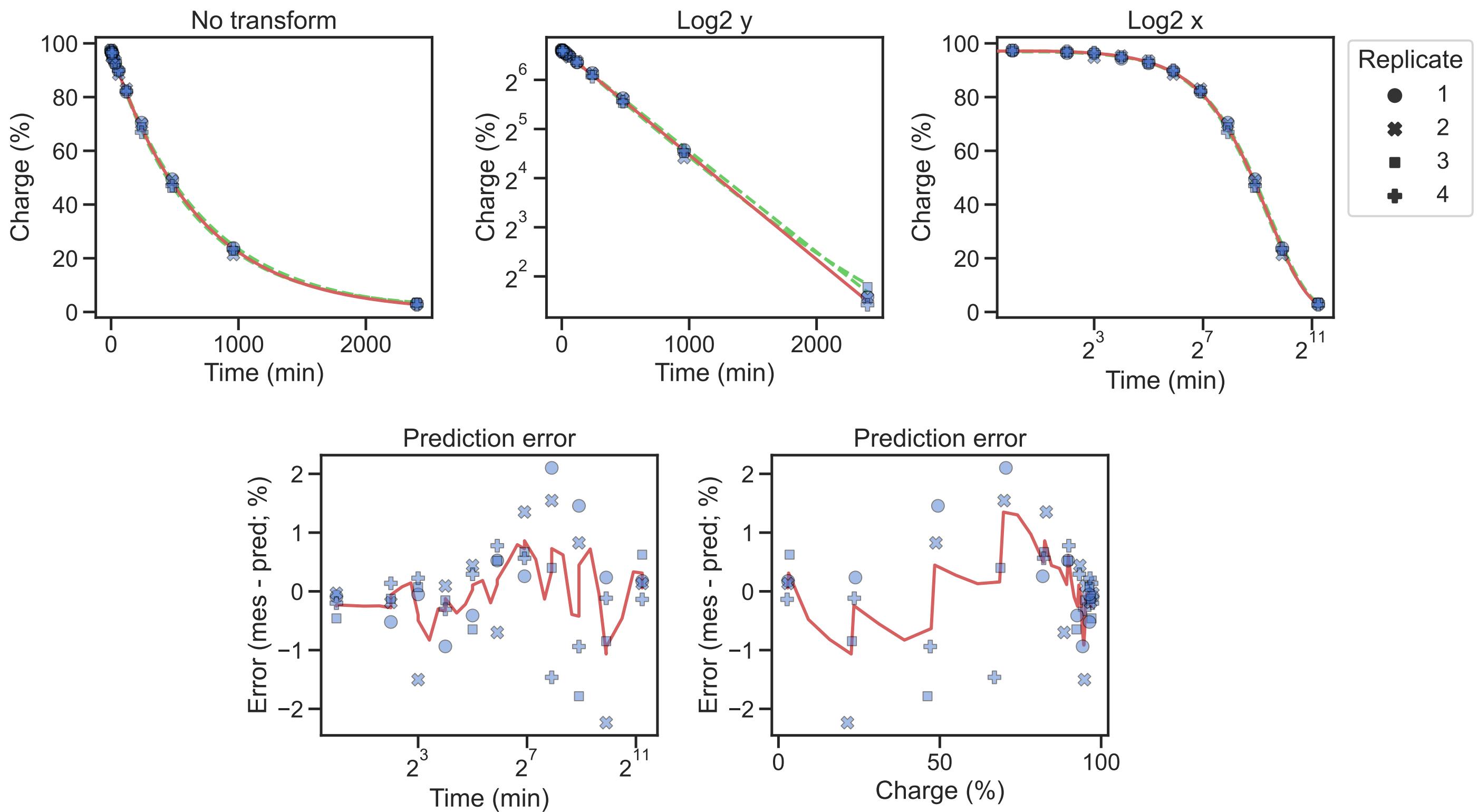
Leu-TAG-3-1 half-life=529 min, 95% CI (508; 551)



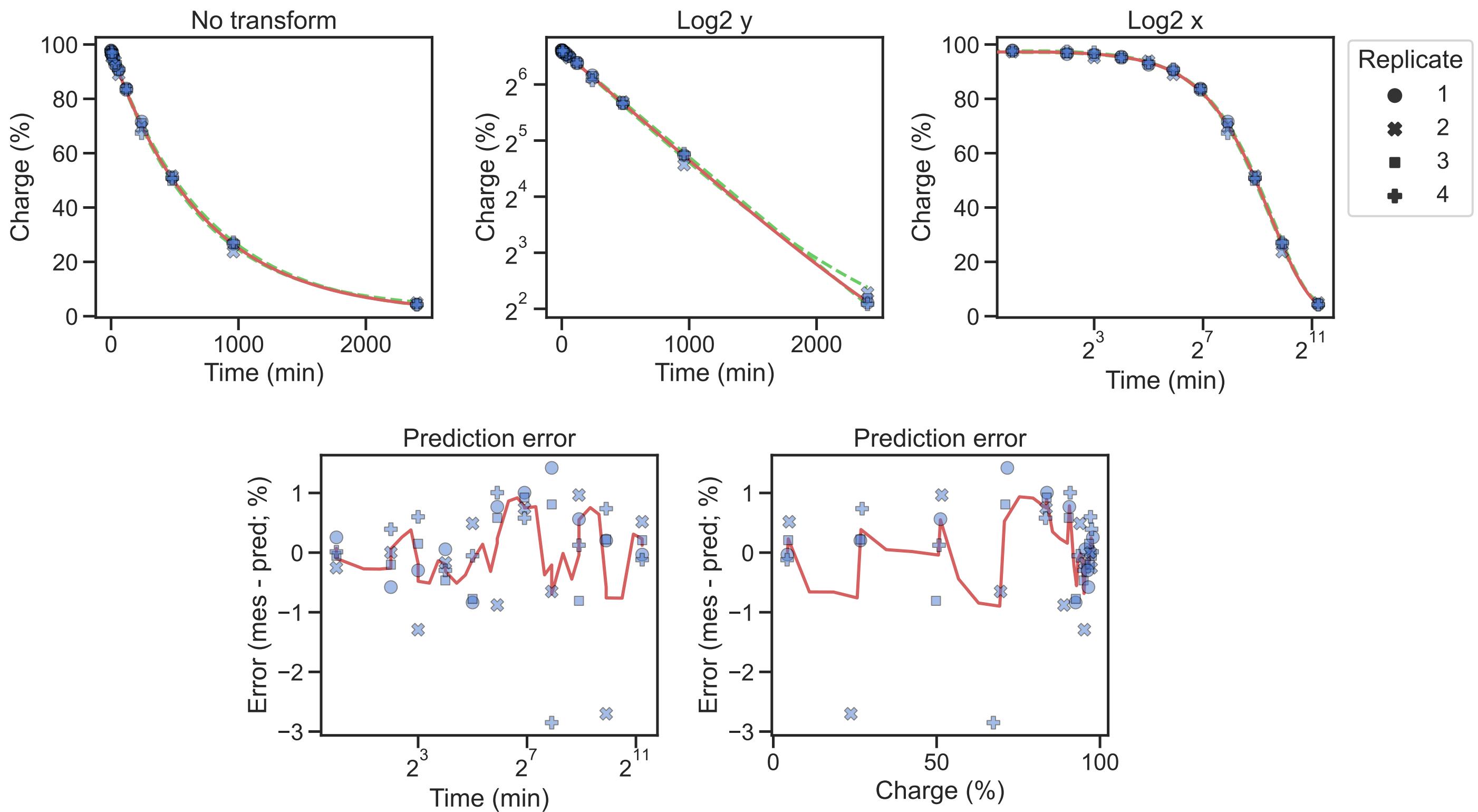
Lys-CTT-1-1 half-life=482 min, 95% CI (469; 494)



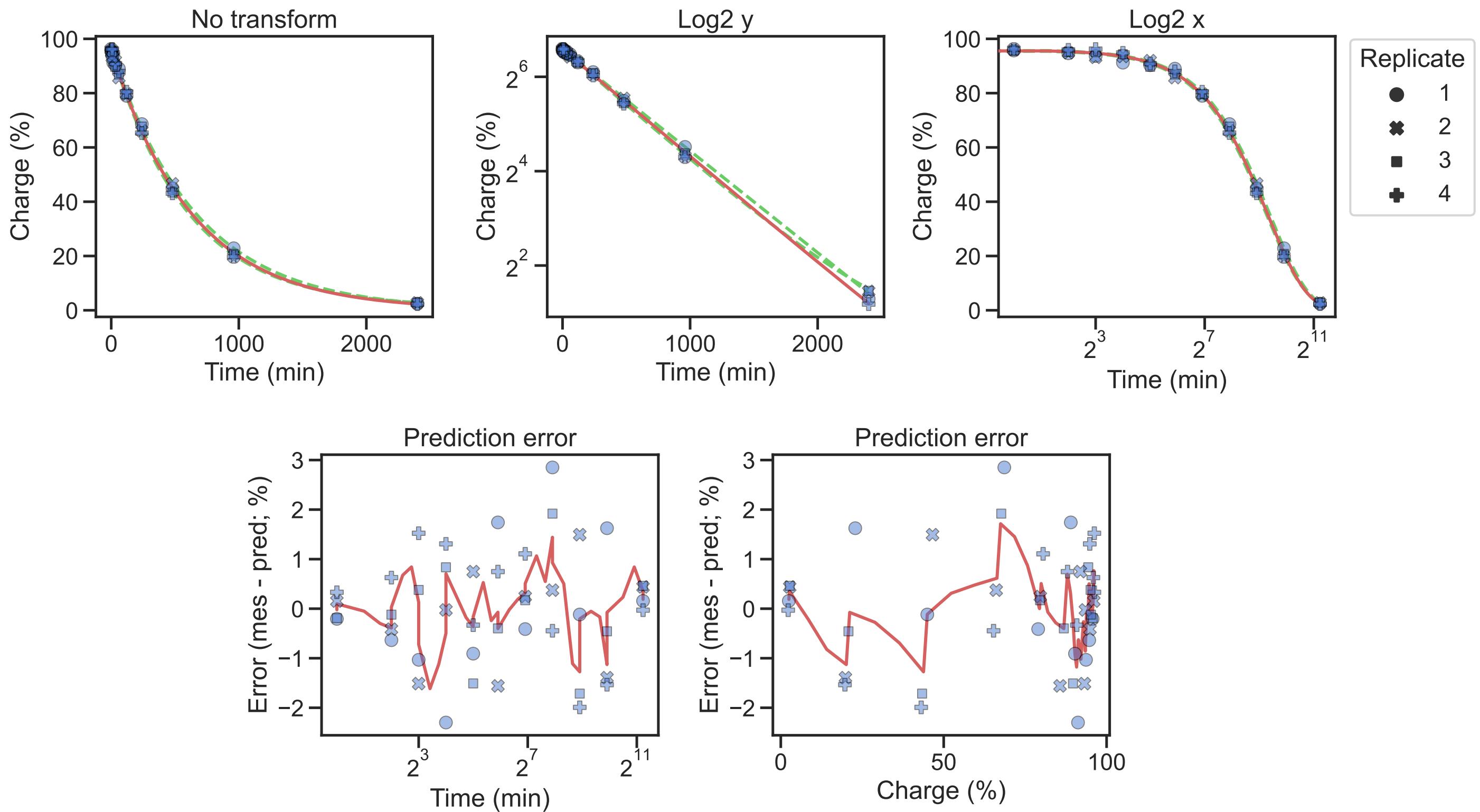
Lys-CTT-2-1 half-life=469 min, 95% CI (446; 487)



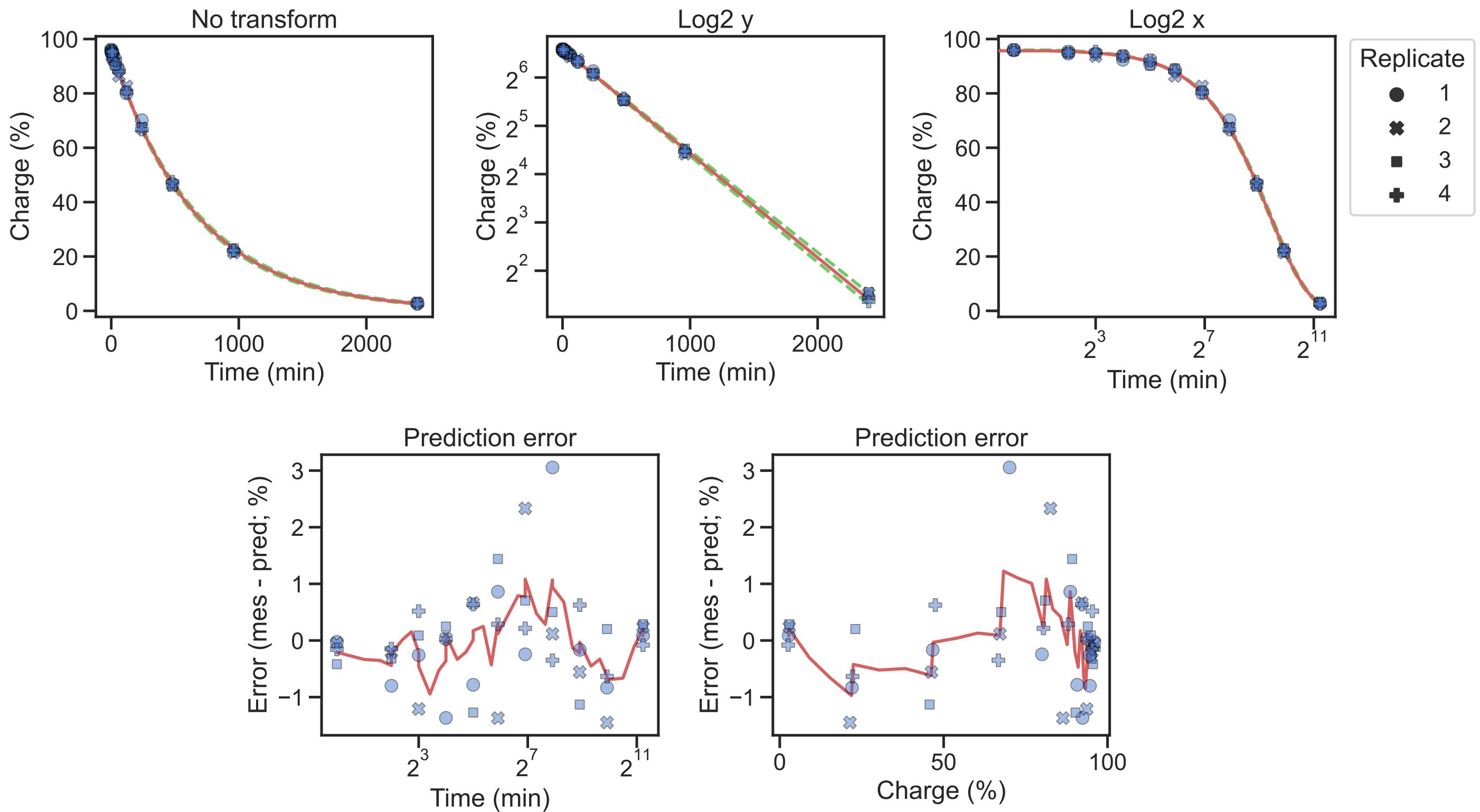
Lys-CTT-4-1 half-life=500 min, 95% CI (472; 525)



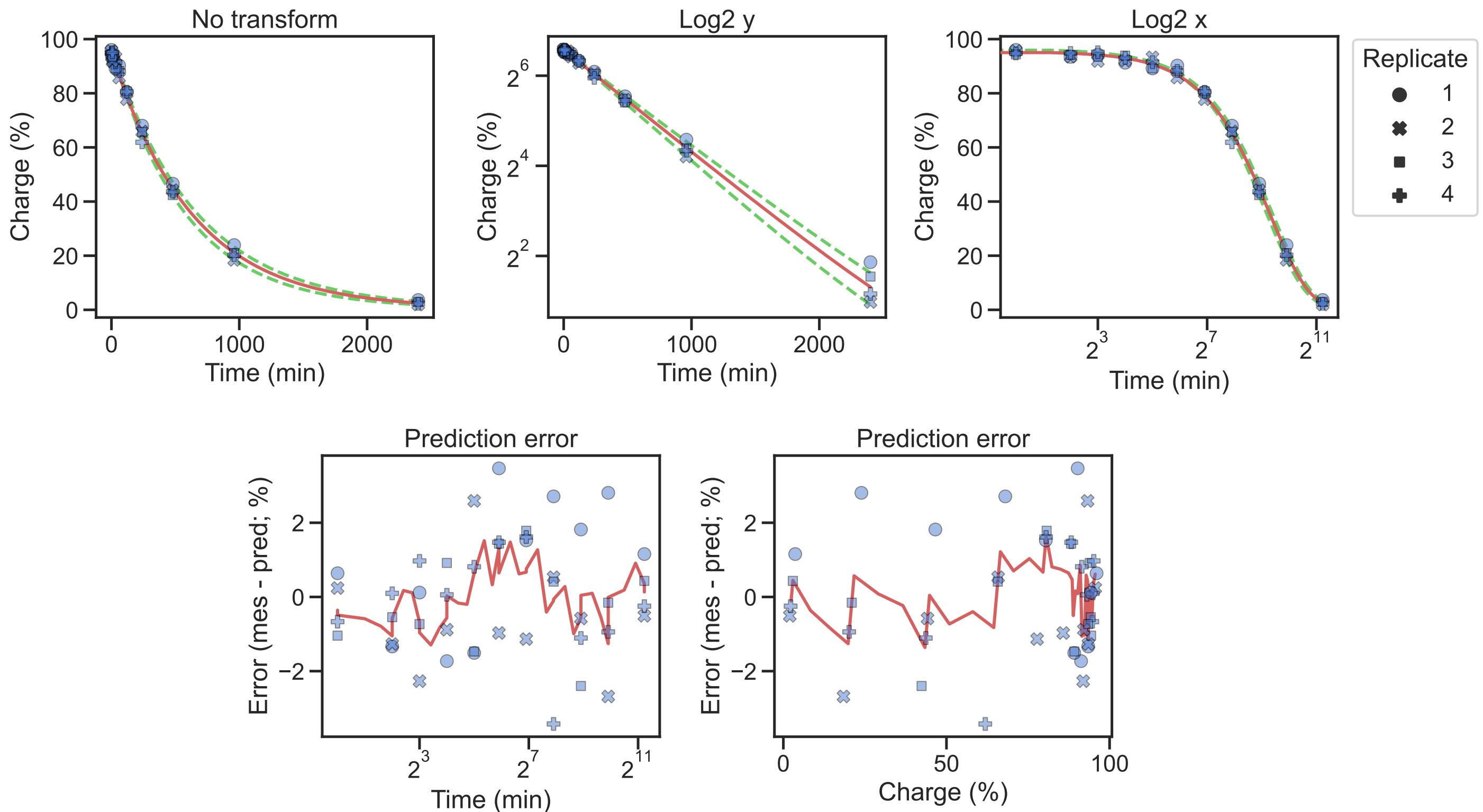
Lys-TTT-2-1 half-life=440 min, 95% CI (419; 464)



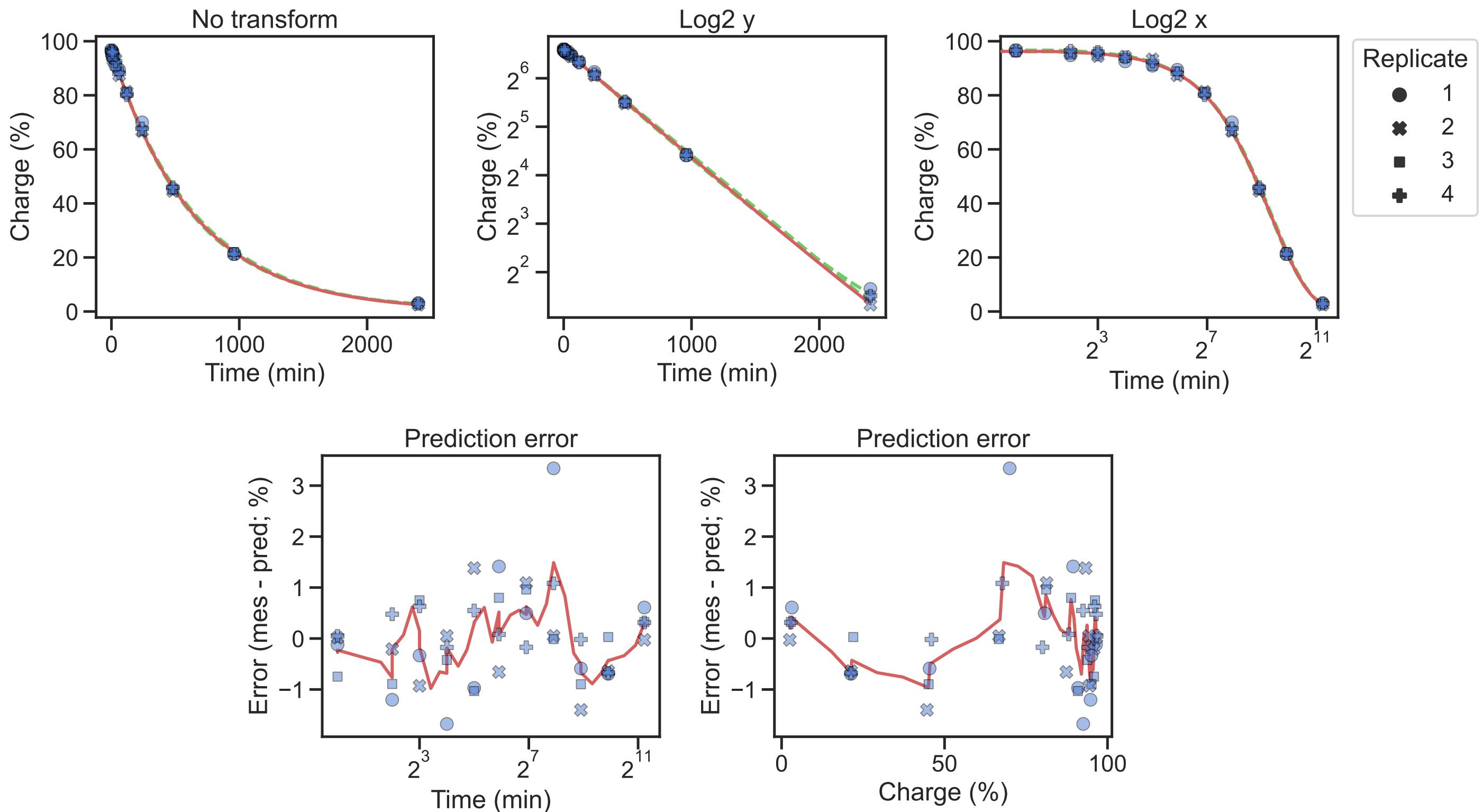
Lys-TTT-3-1 half-life=464 min, 95% CI (451; 475)



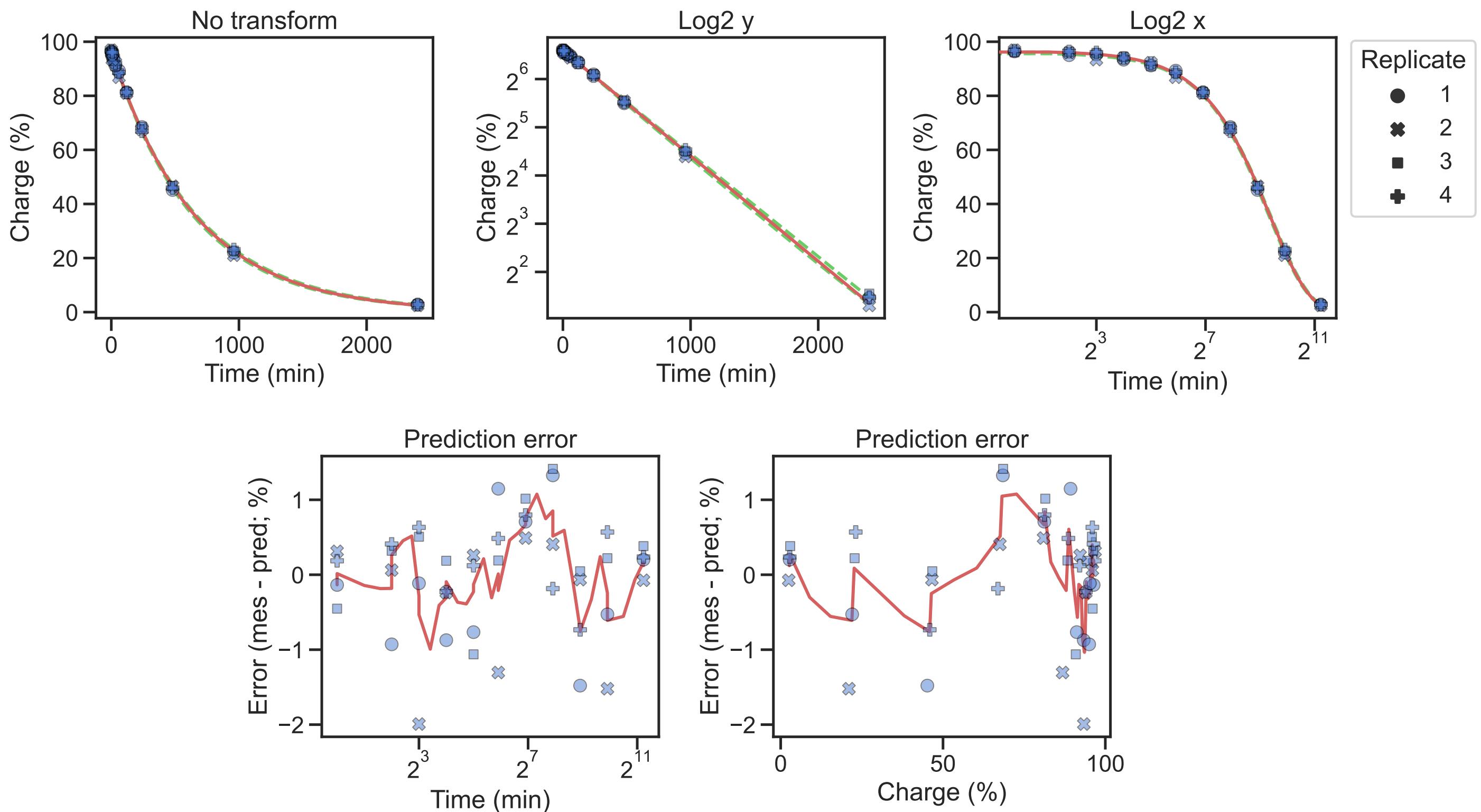
Lys-TTT-4-1 half-life=437 min, 95% CI (400; 465)



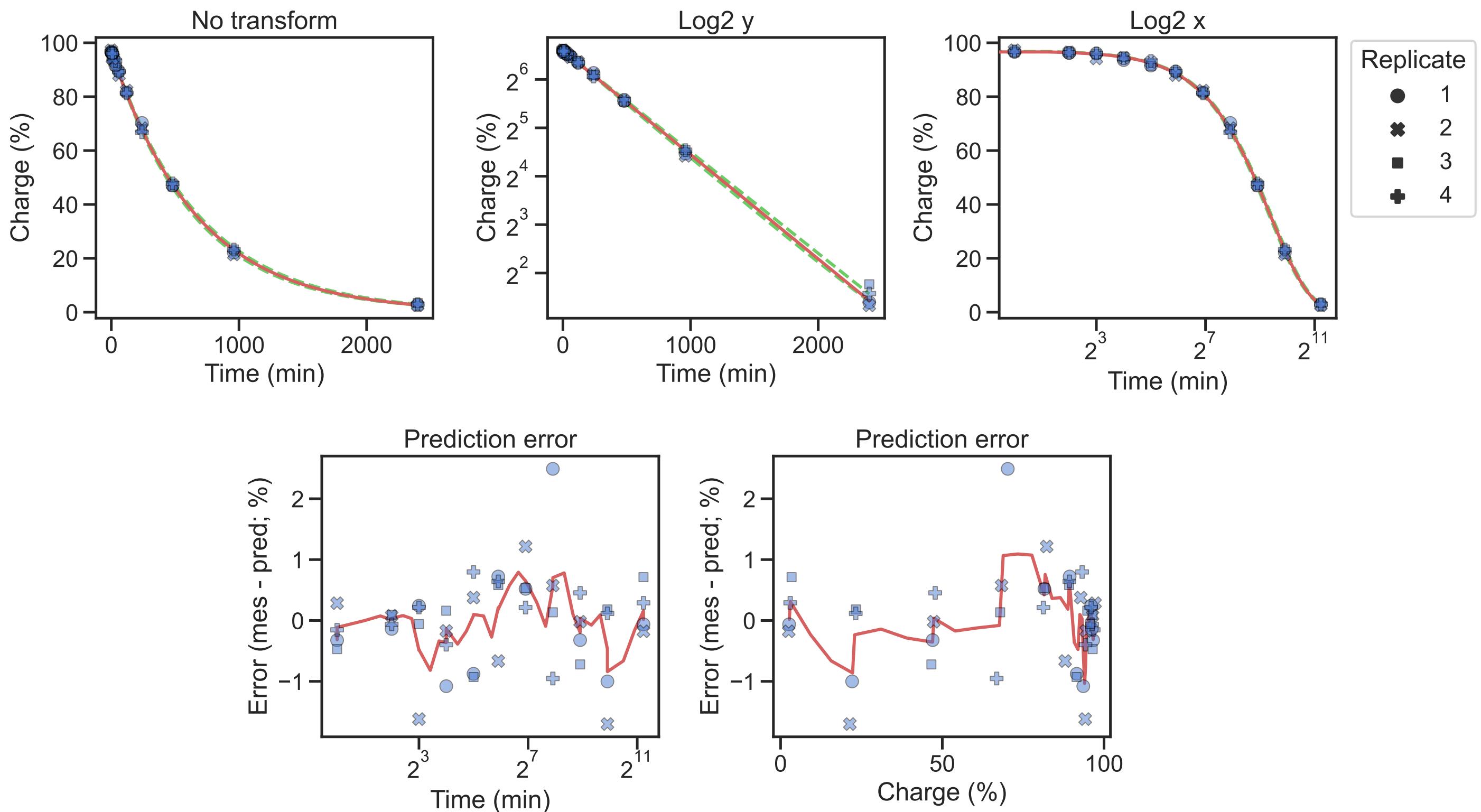
Lys-TTT-6-1 half-life=447 min, 95% CI (433; 460)



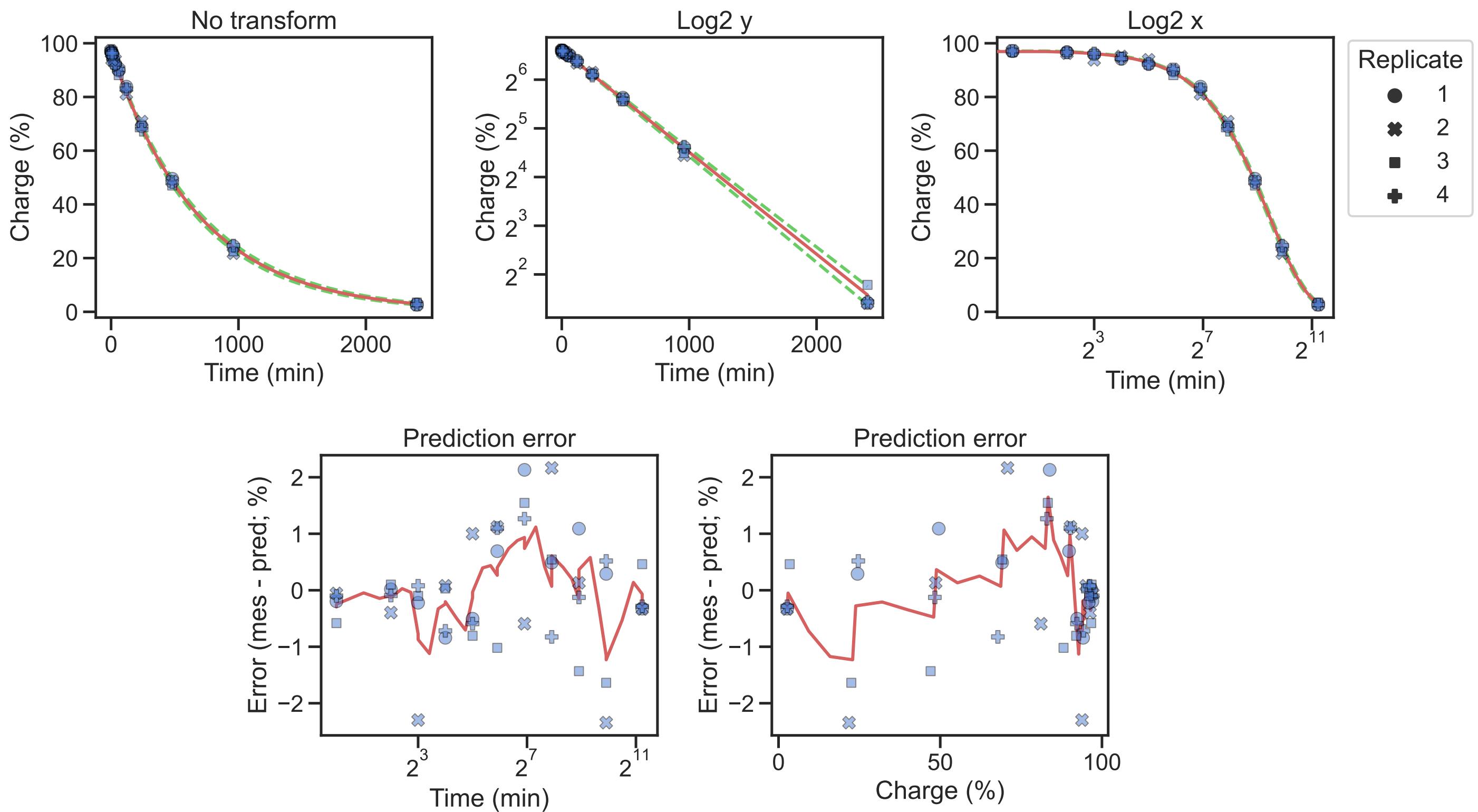
Met-CAT-1-1 half-life=458 min, 95% CI (444; 469)



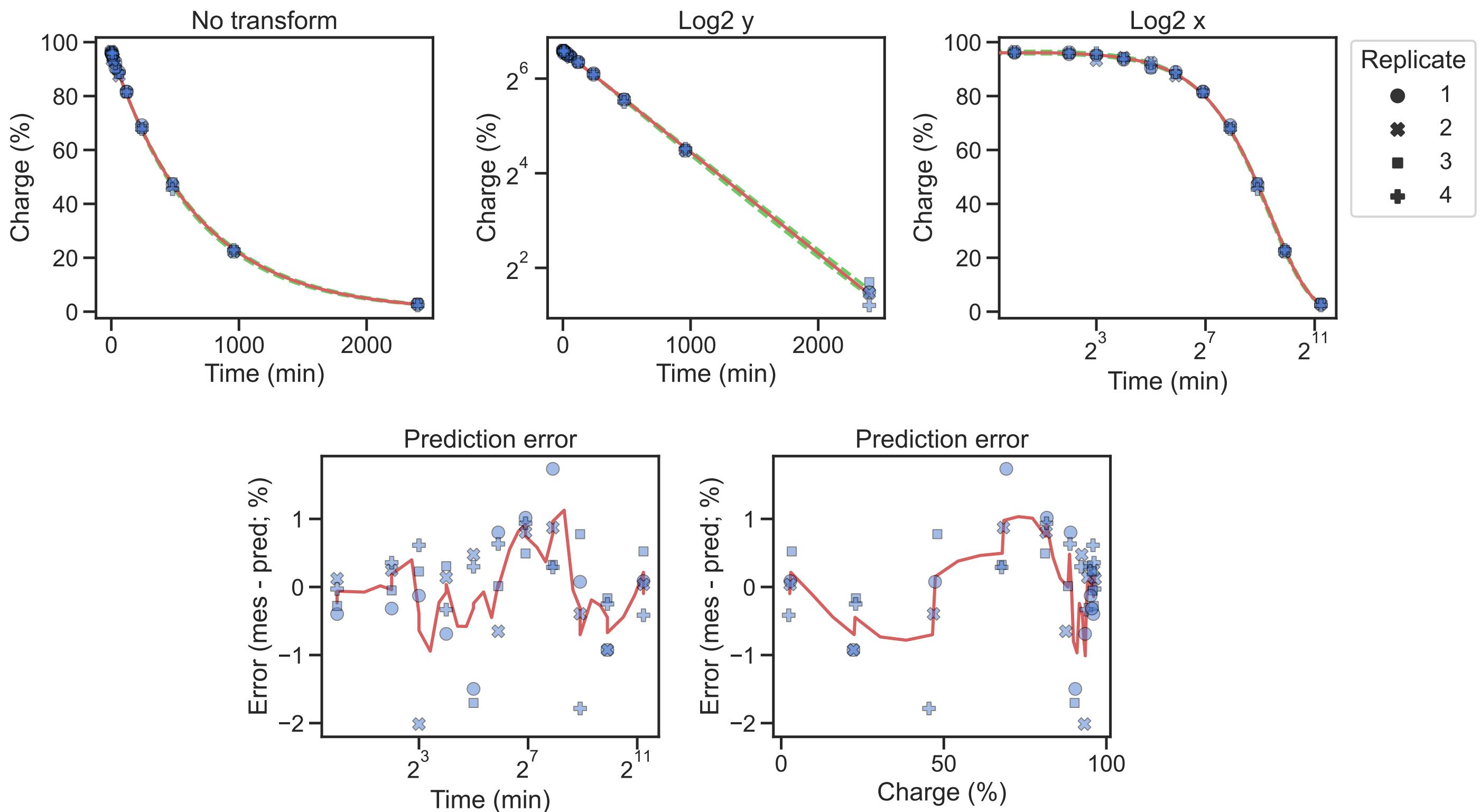
Met-CAT-3-1 half-life=464 min, 95% CI (447; 477)



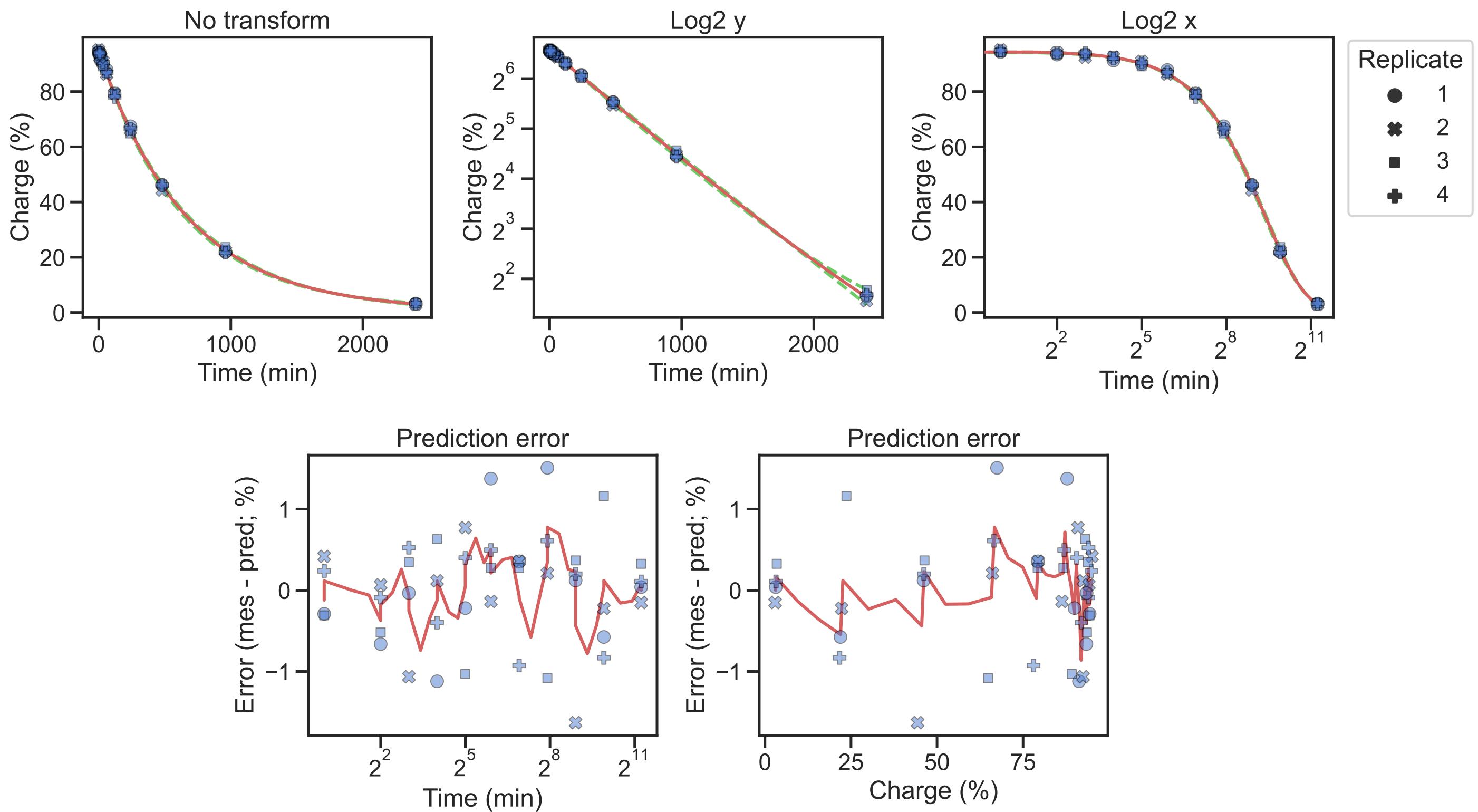
Met-CAT-4-1 half-life=478 min, 95% CI (459; 495)



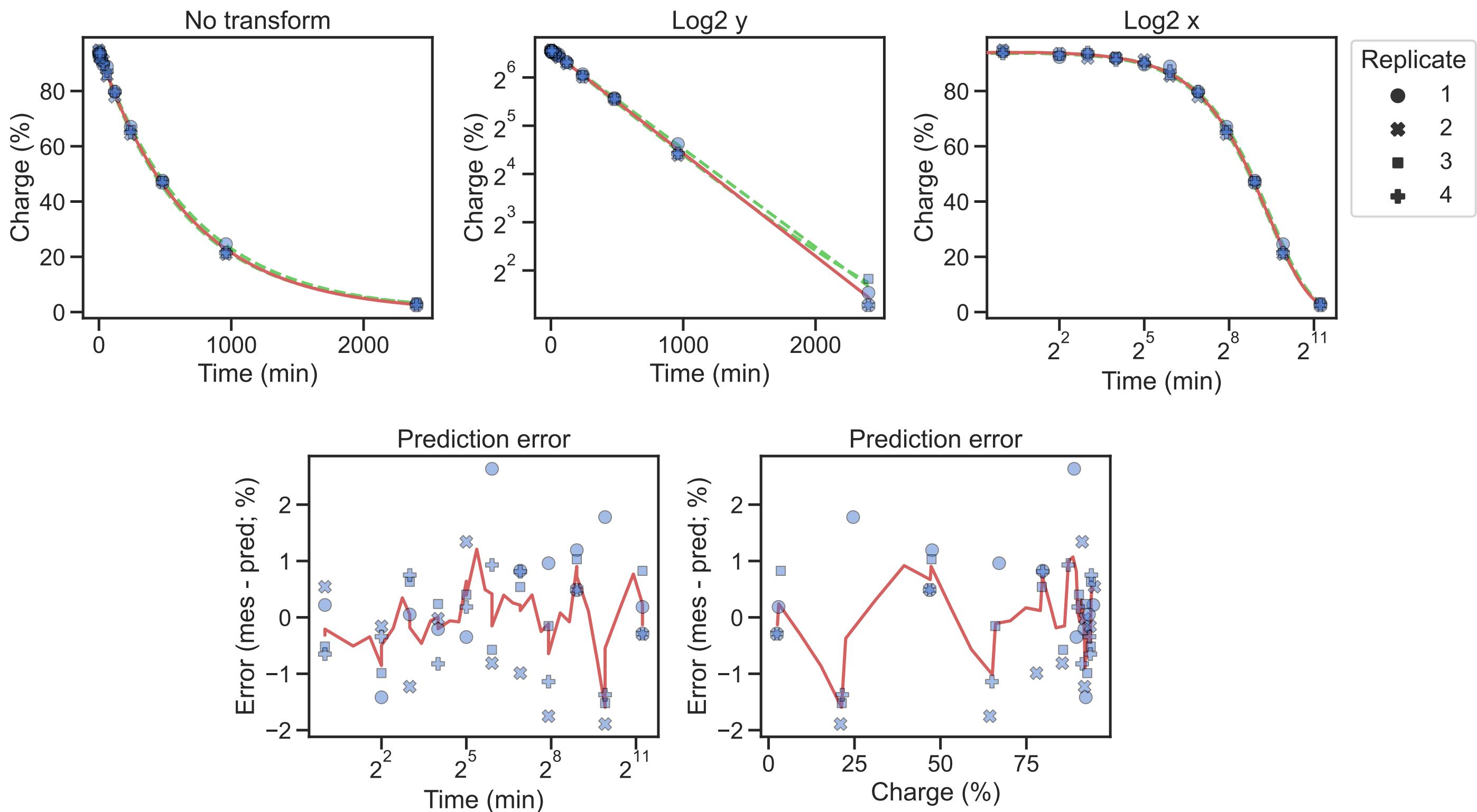
Met-CAT-6-1 half-life=466 min, 95% CI (449; 476)



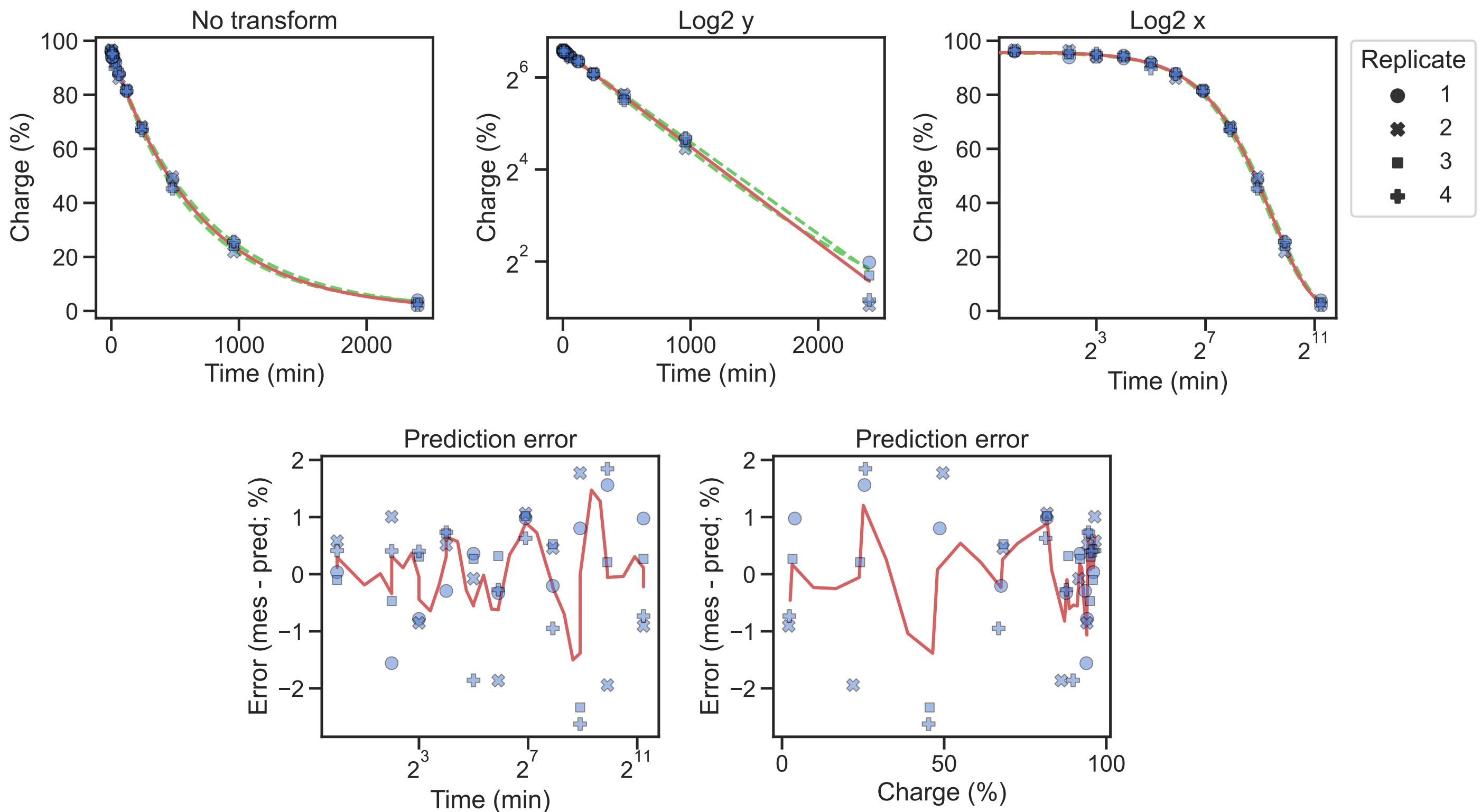
Phe-GAA-1-1 half-life=456 min, 95% CI (437; 472)



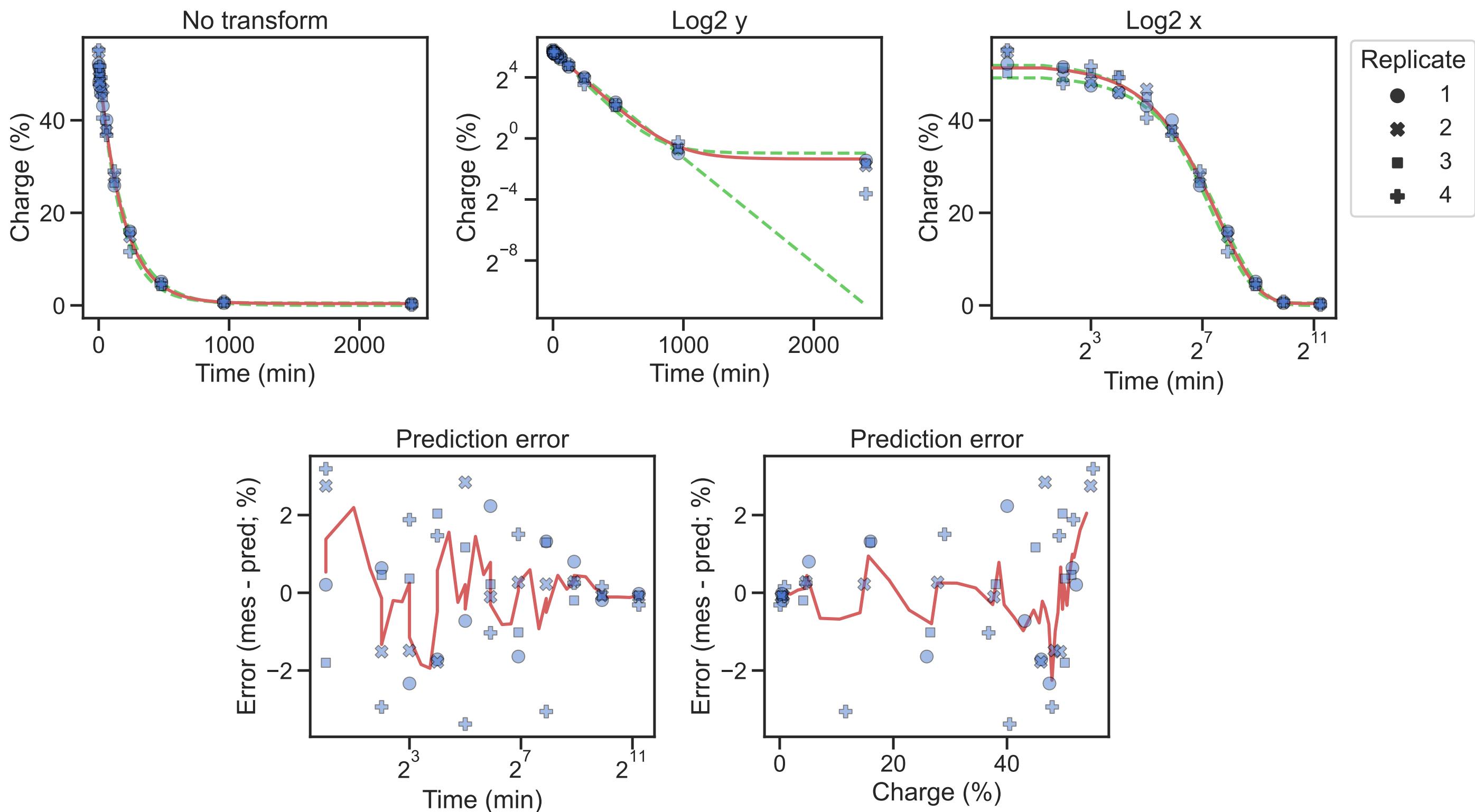
Phe-GAA-2-1 half-life=469 min, 95% CI (450; 491)



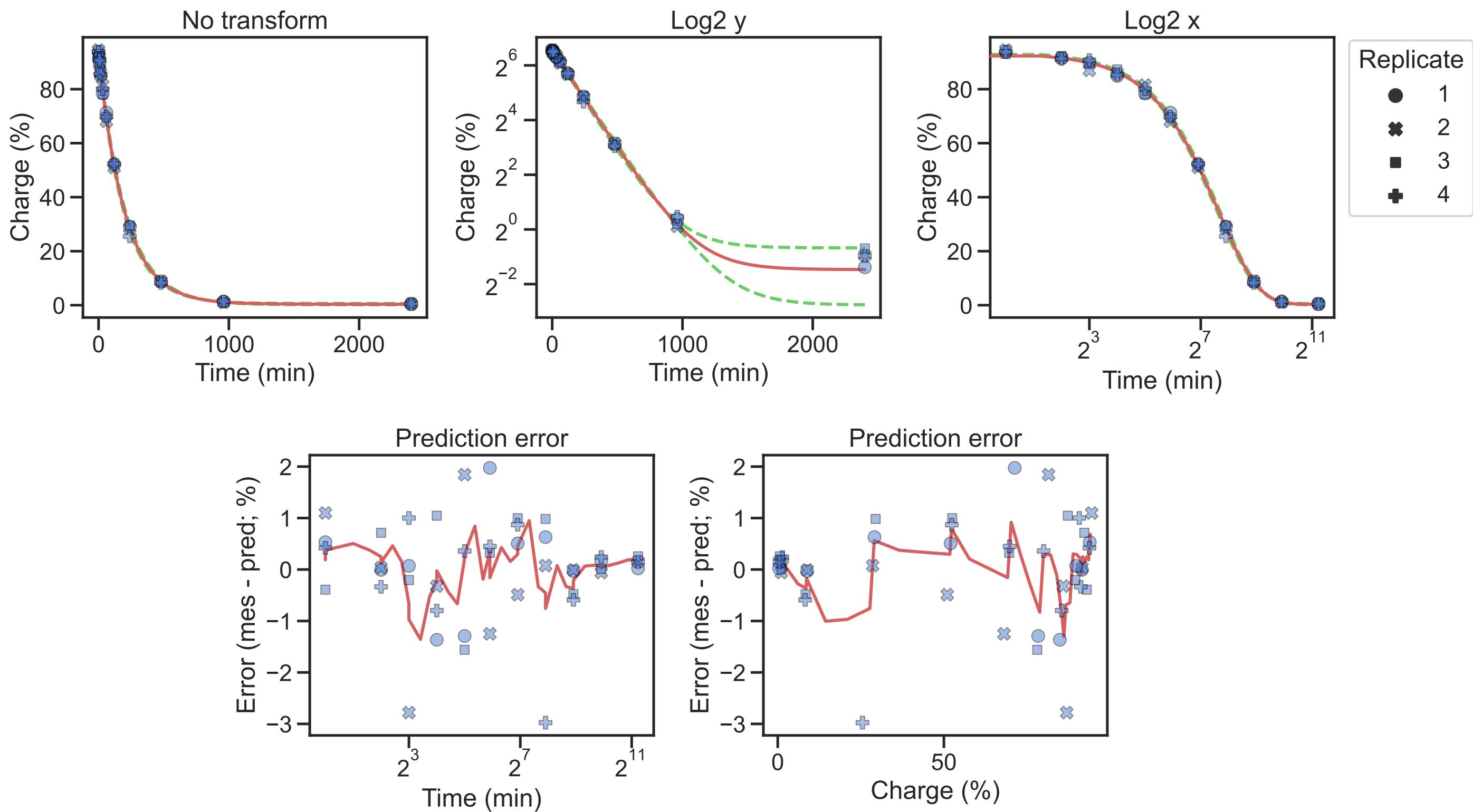
Phe-GAA-3-1 half-life=478 min, 95% CI (442; 503)



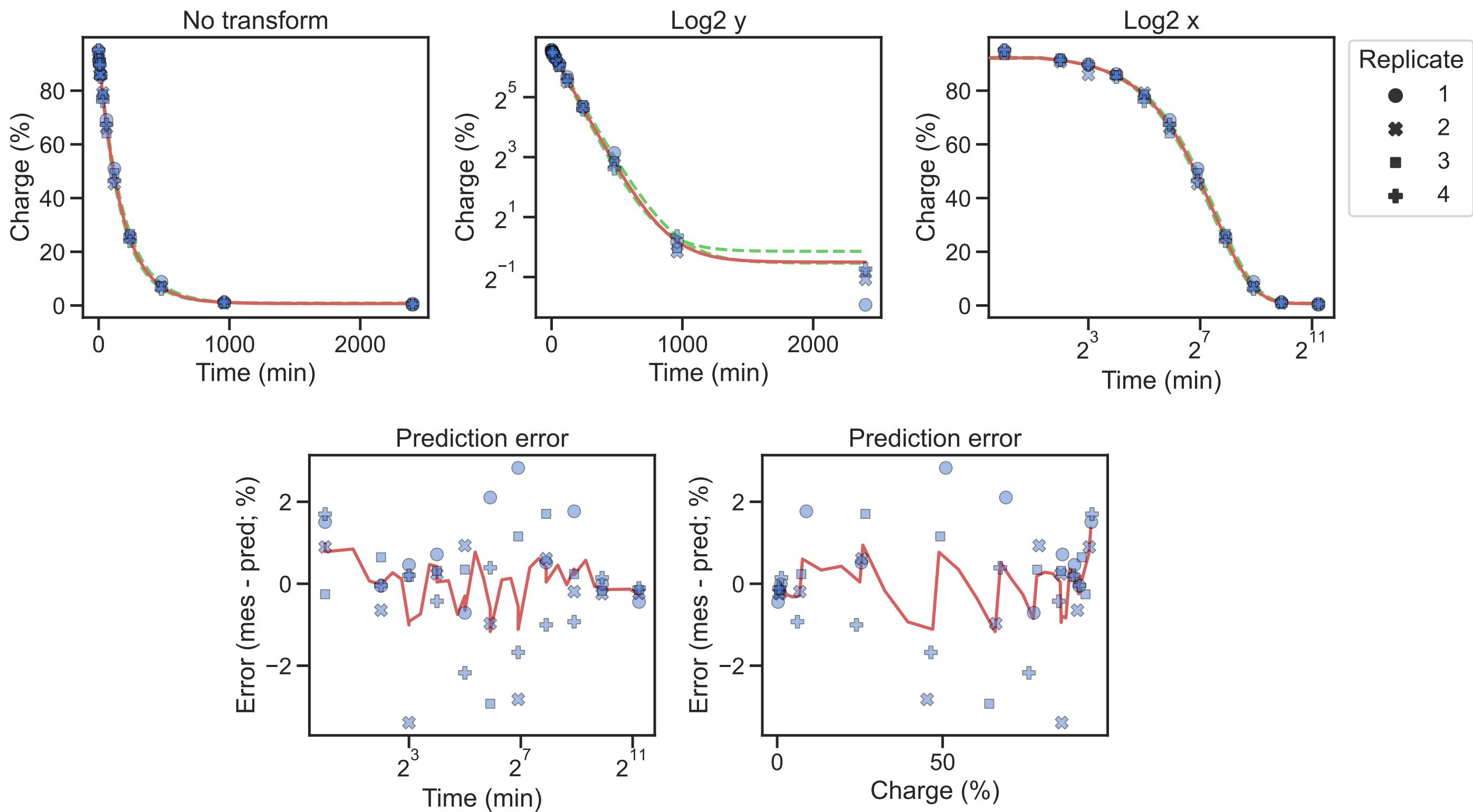
Pro-AGG-1-1 half-life=129 min, 95% CI (116; 145)



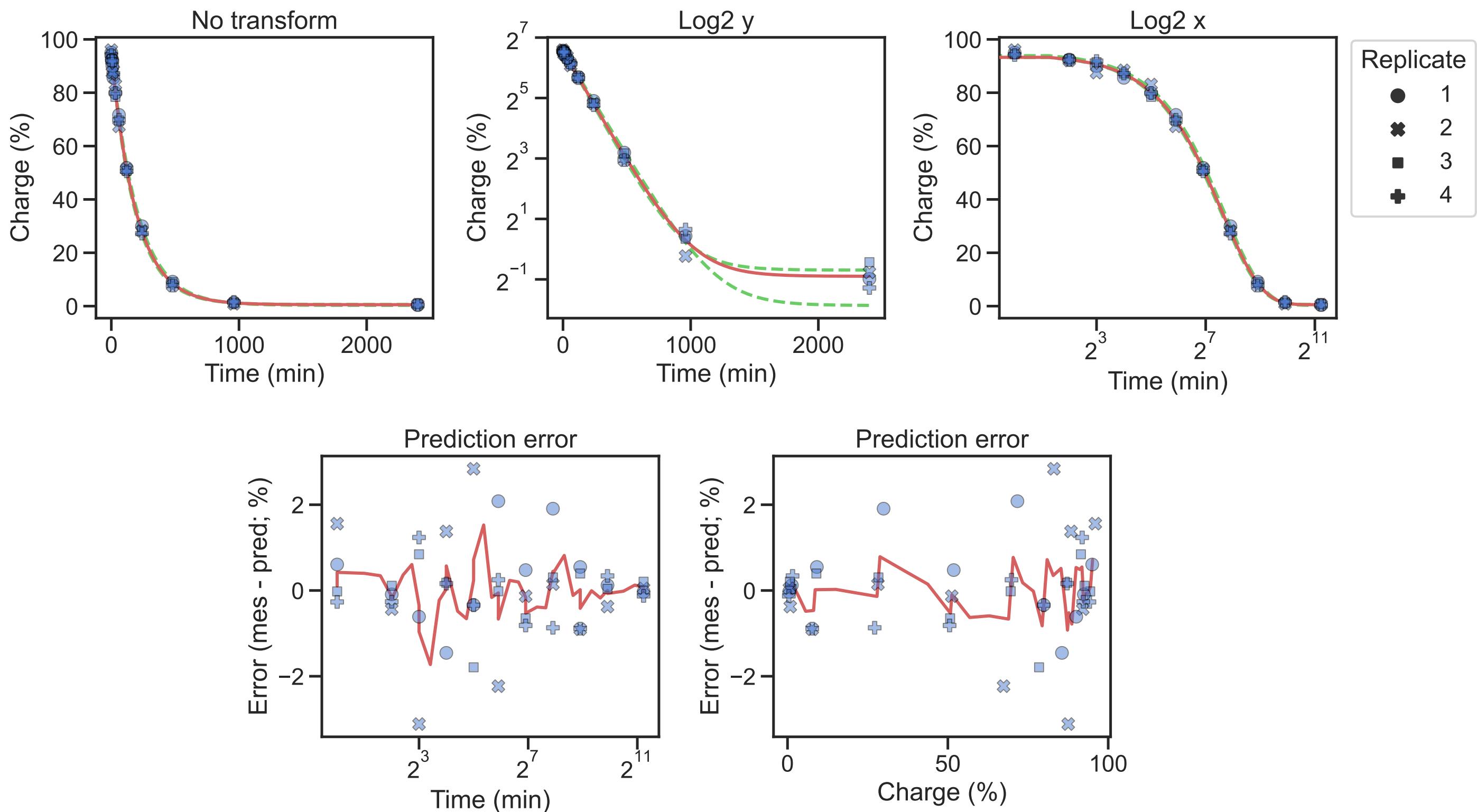
Pro-AGG-2-1 half-life=139 min, 95% CI (133; 144)



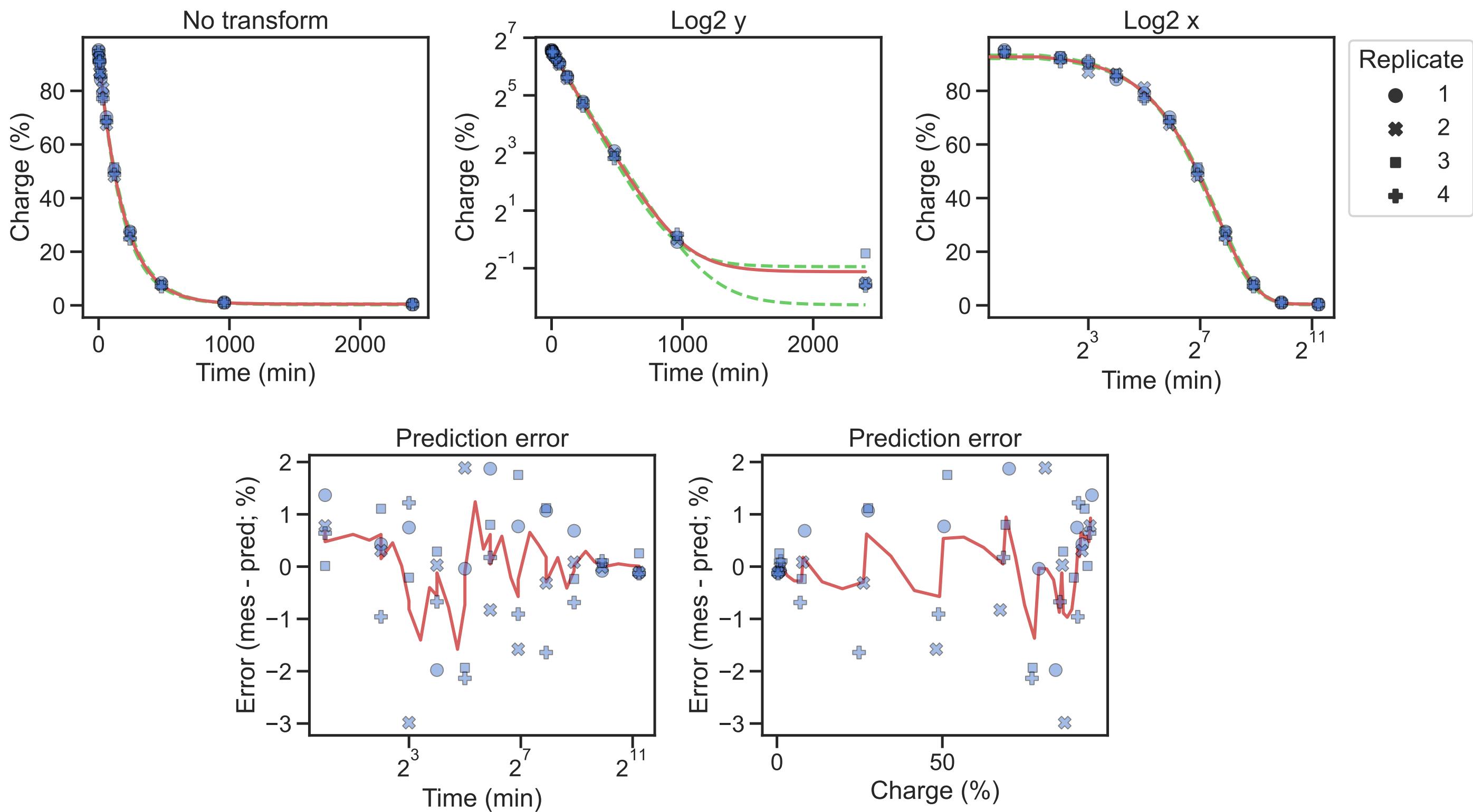
Pro-CGG-1-1 half-life=124 min, 95% CI (117; 132)



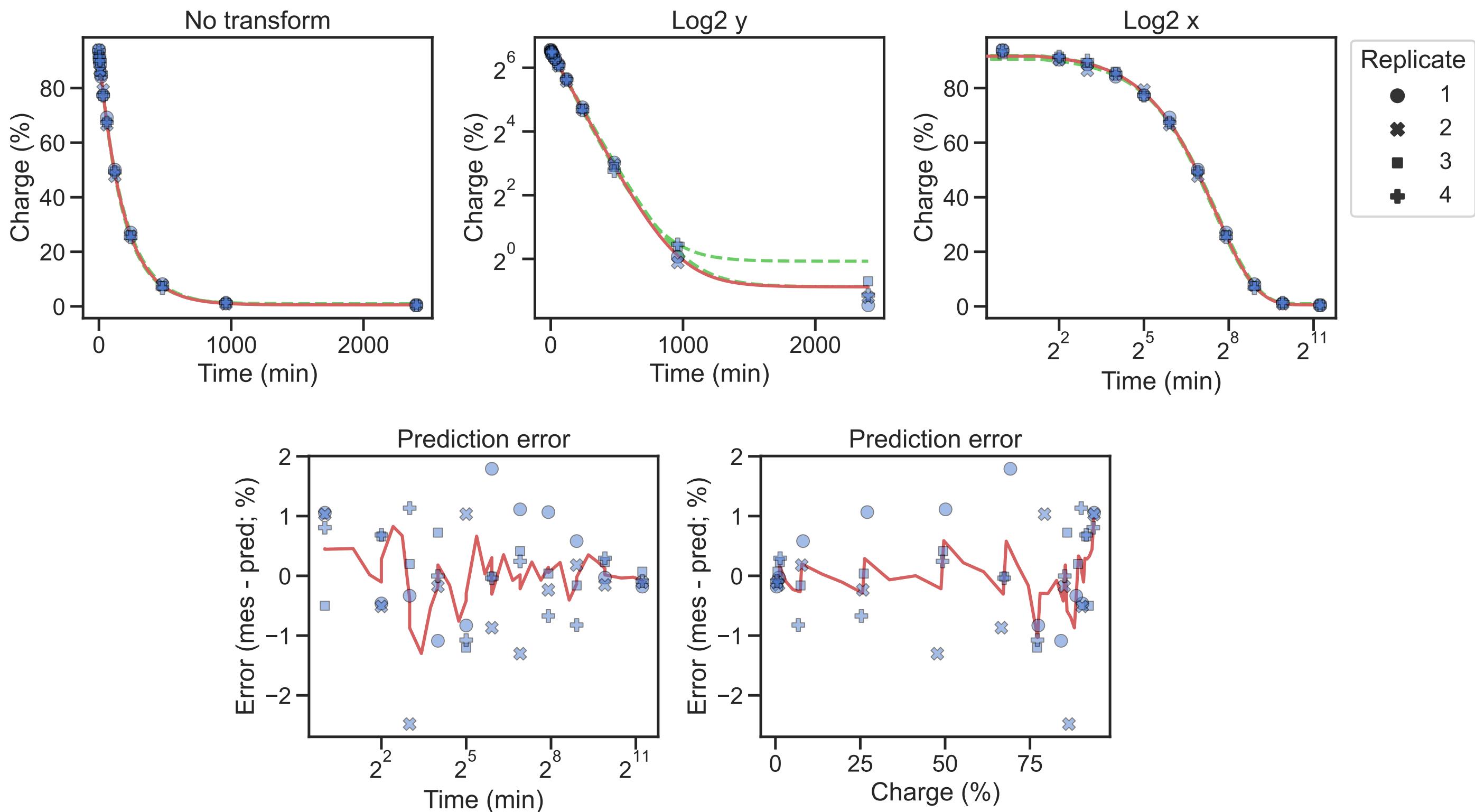
Pro-CGG-2-1 half-life=136 min, 95% CI (131; 142)



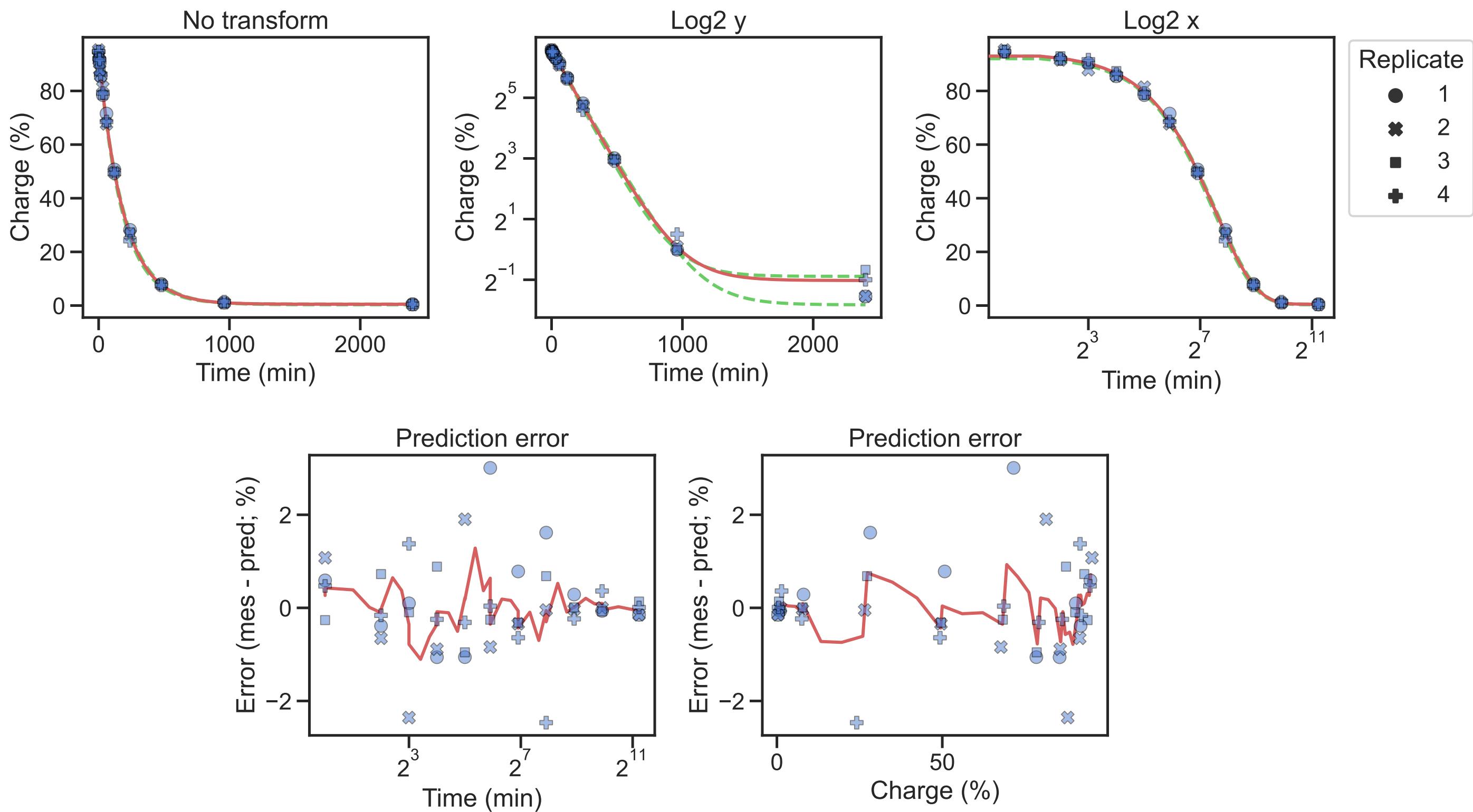
Pro-TGG-1-1 half-life=130 min, 95% CI (123; 136)



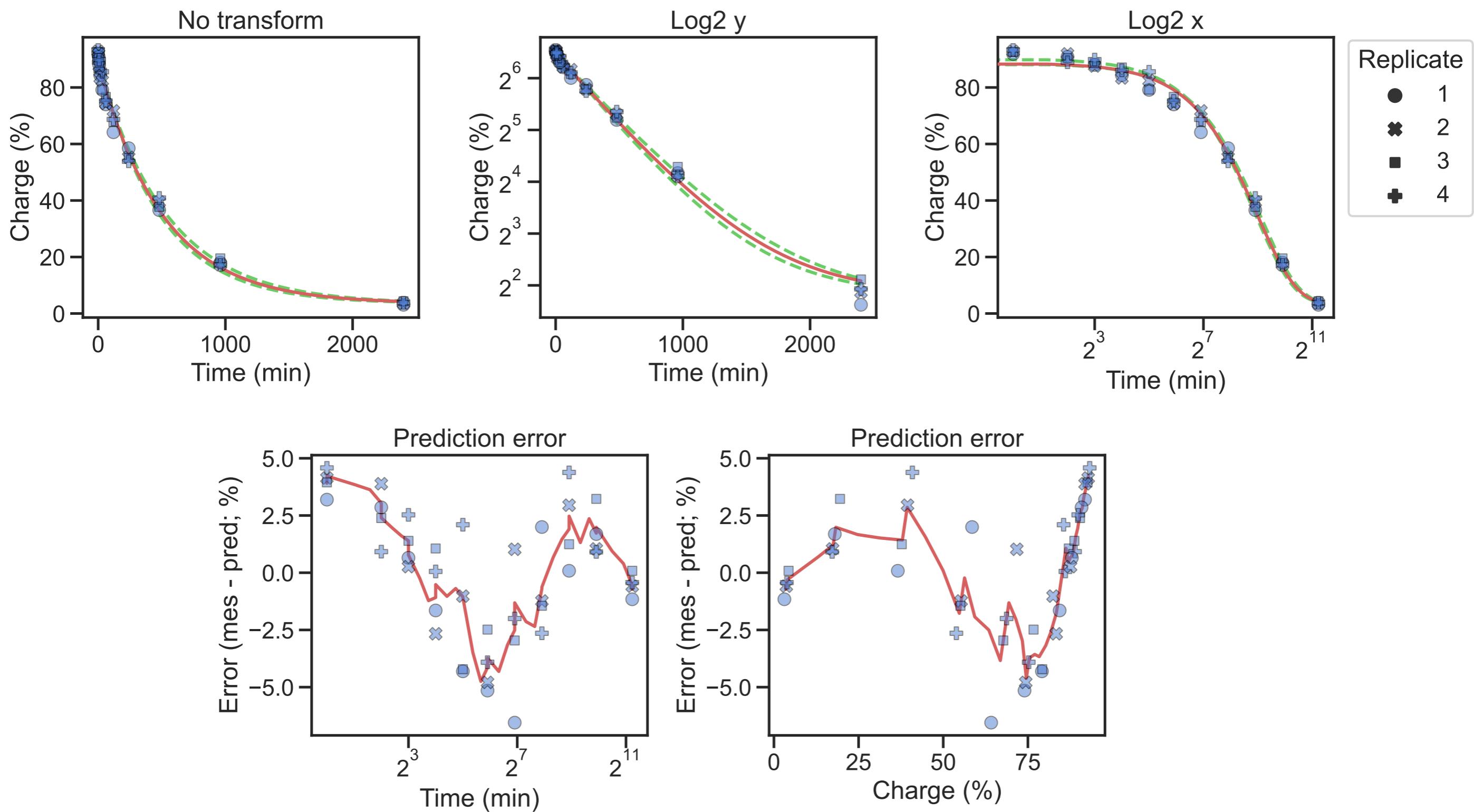
Pro-TGG-2-1 half-life=129 min, 95% CI (124; 134)



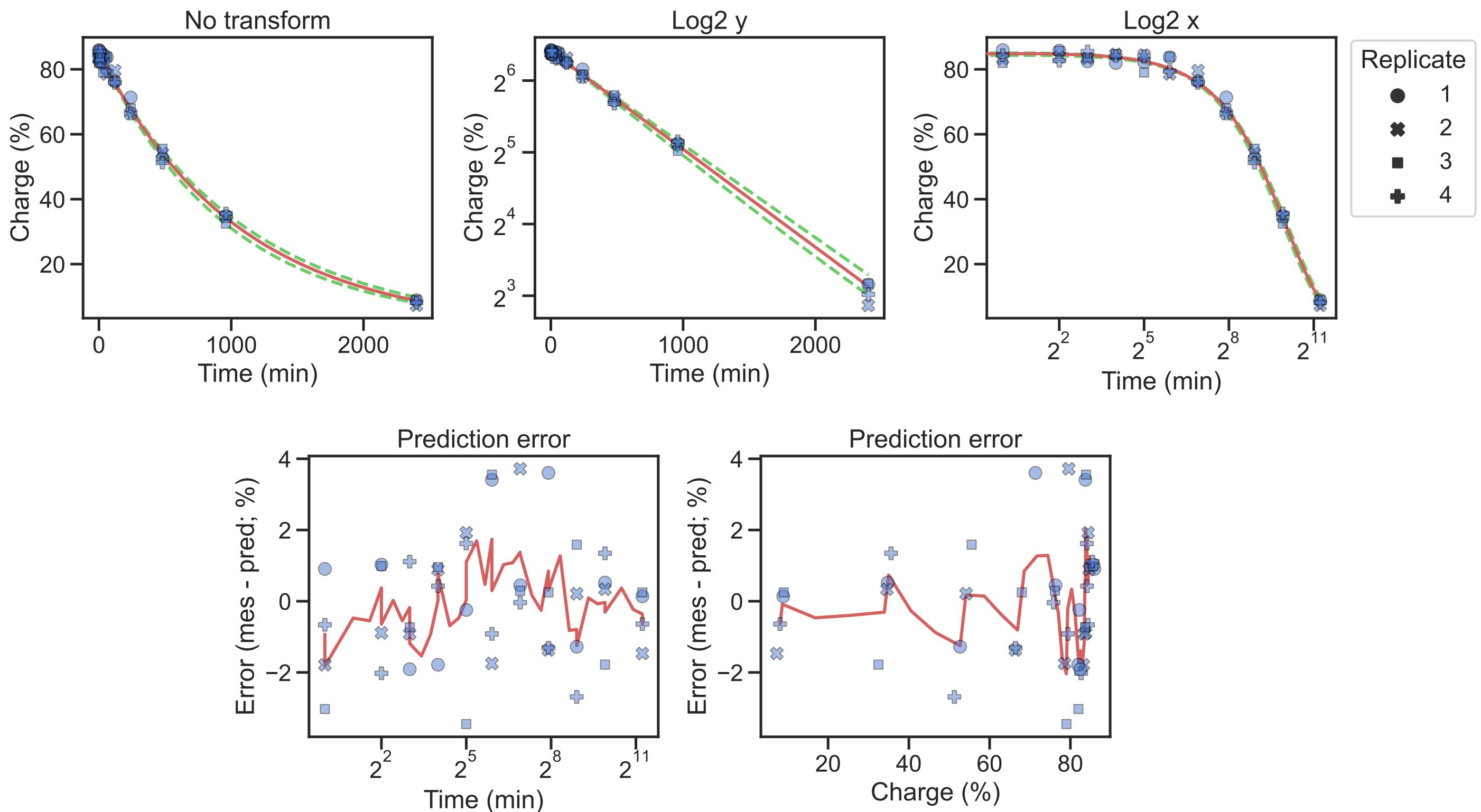
Pro-TGG-3-1 half-life=130 min, 95% CI (125; 135)



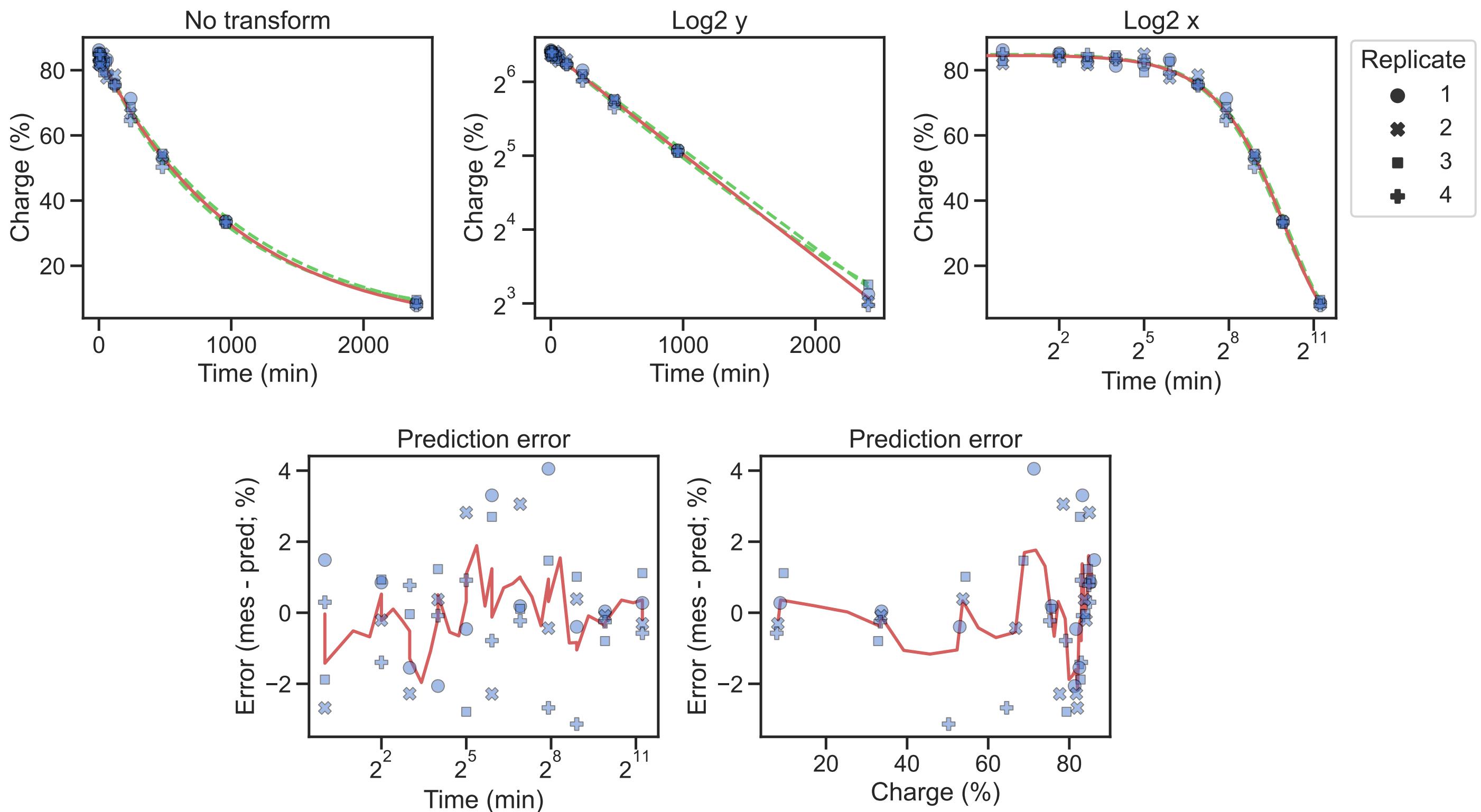
SeC-TCA-1-1 half-life=351 min, 95% CI (330; 377)



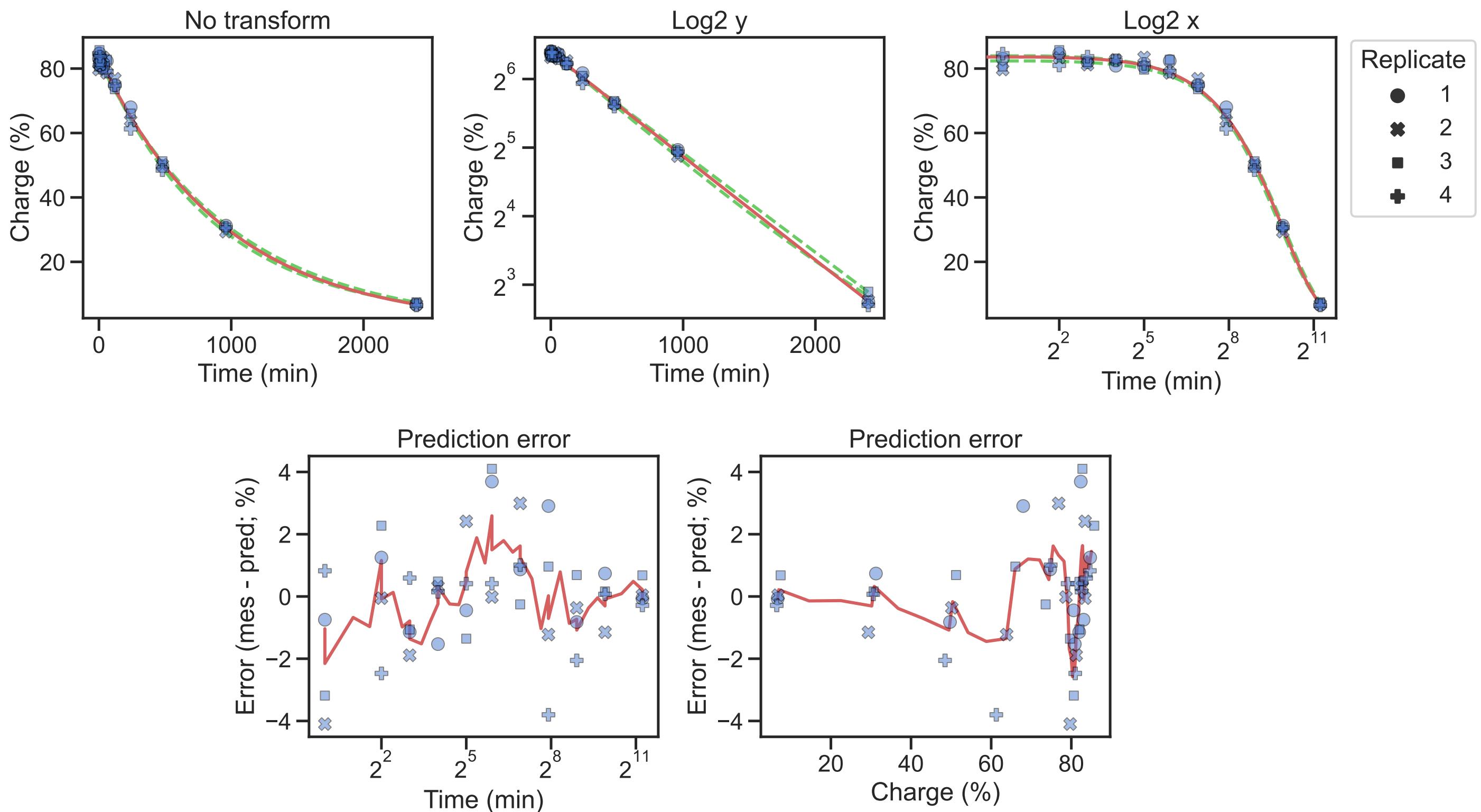
Ser-AGA-1-1 half-life=732 min, 95% CI (674; 772)



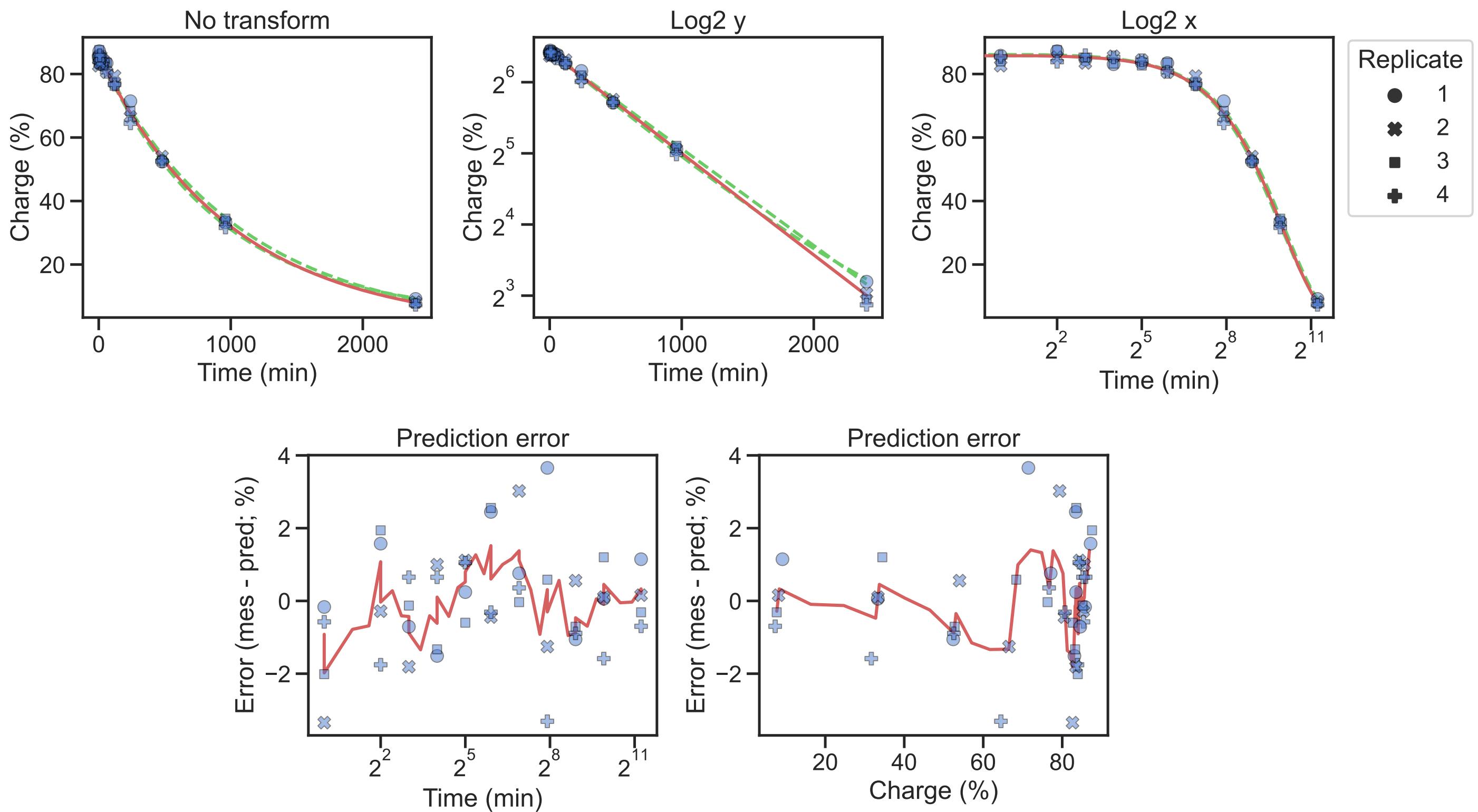
Ser-AGA-2-1 half-life=721 min, 95% CI (645; 753)



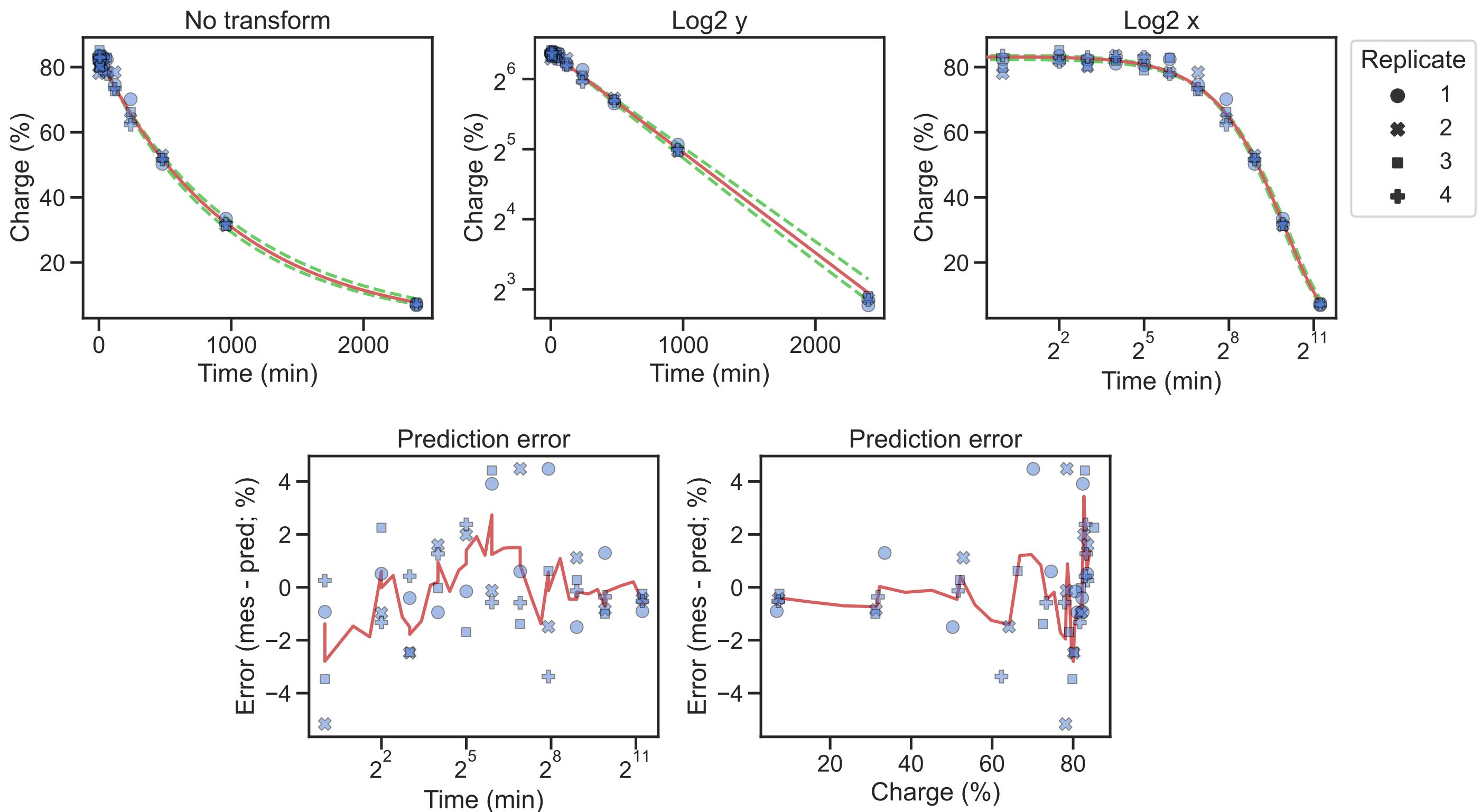
Ser-CGA-1-1 half-life=657 min, 95% CI (599; 691)



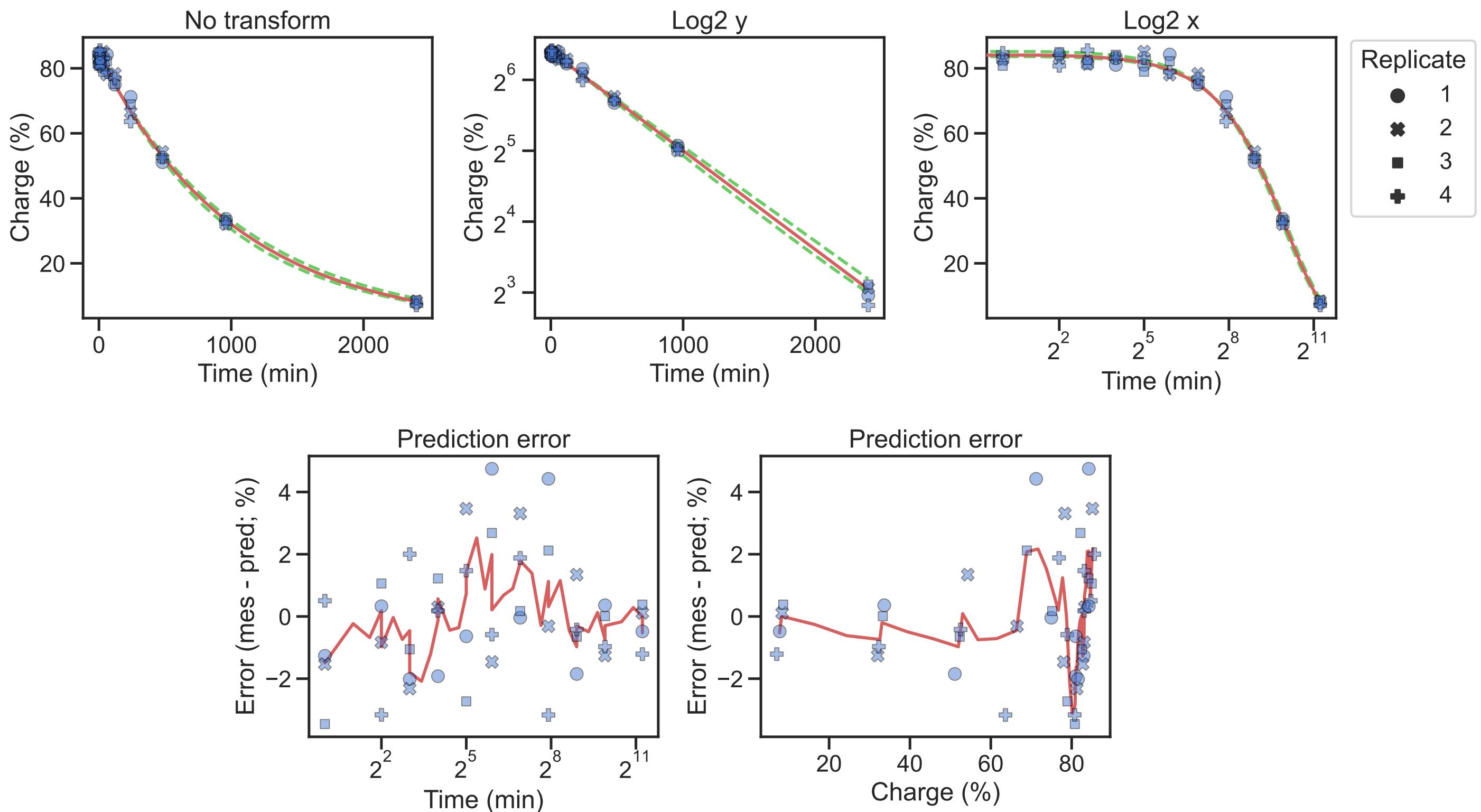
Ser-CGA-4-1 half-life=700 min, 95% CI (630; 735)



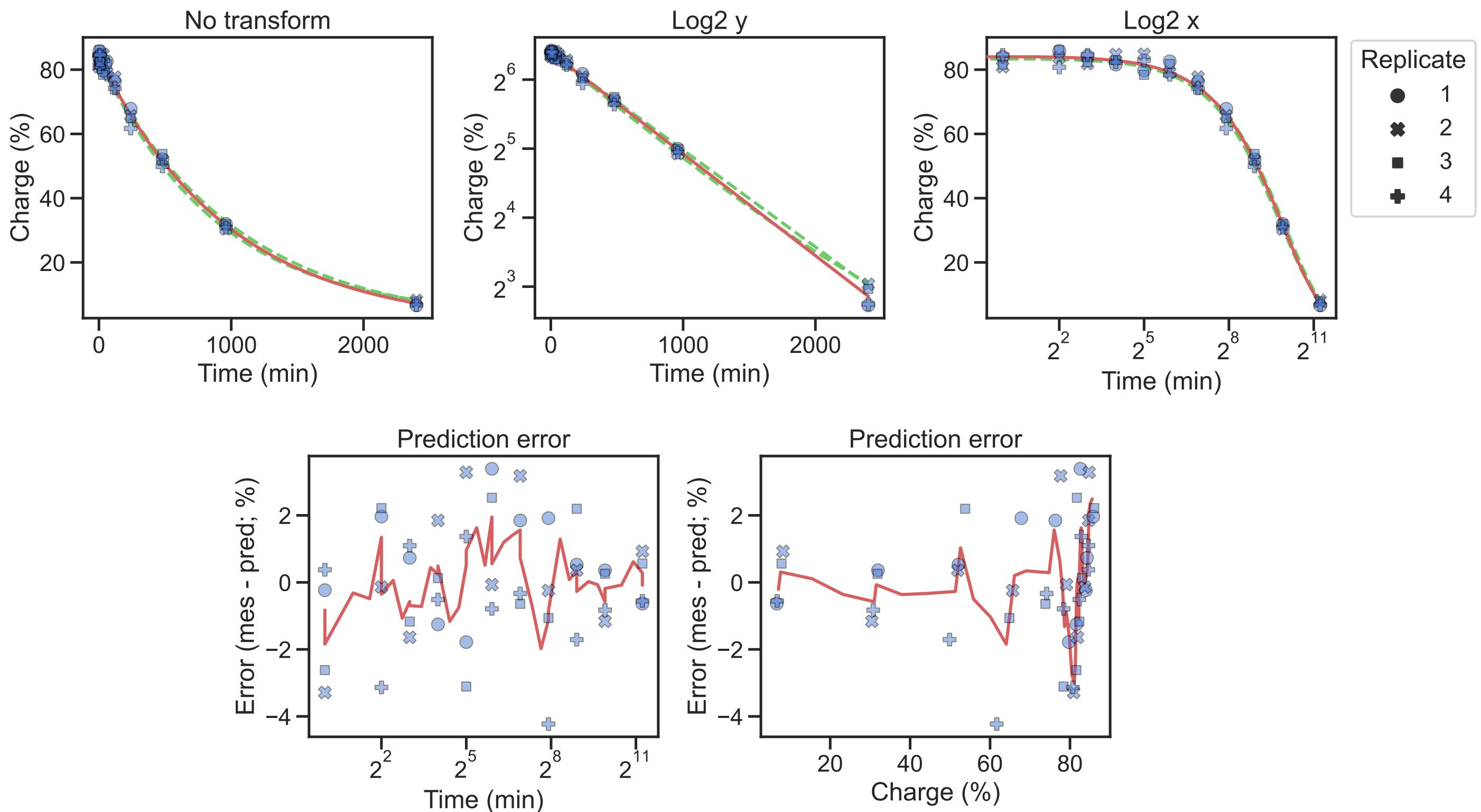
Ser-GCT-1-1 half-life=700 min, 95% CI (651; 745)



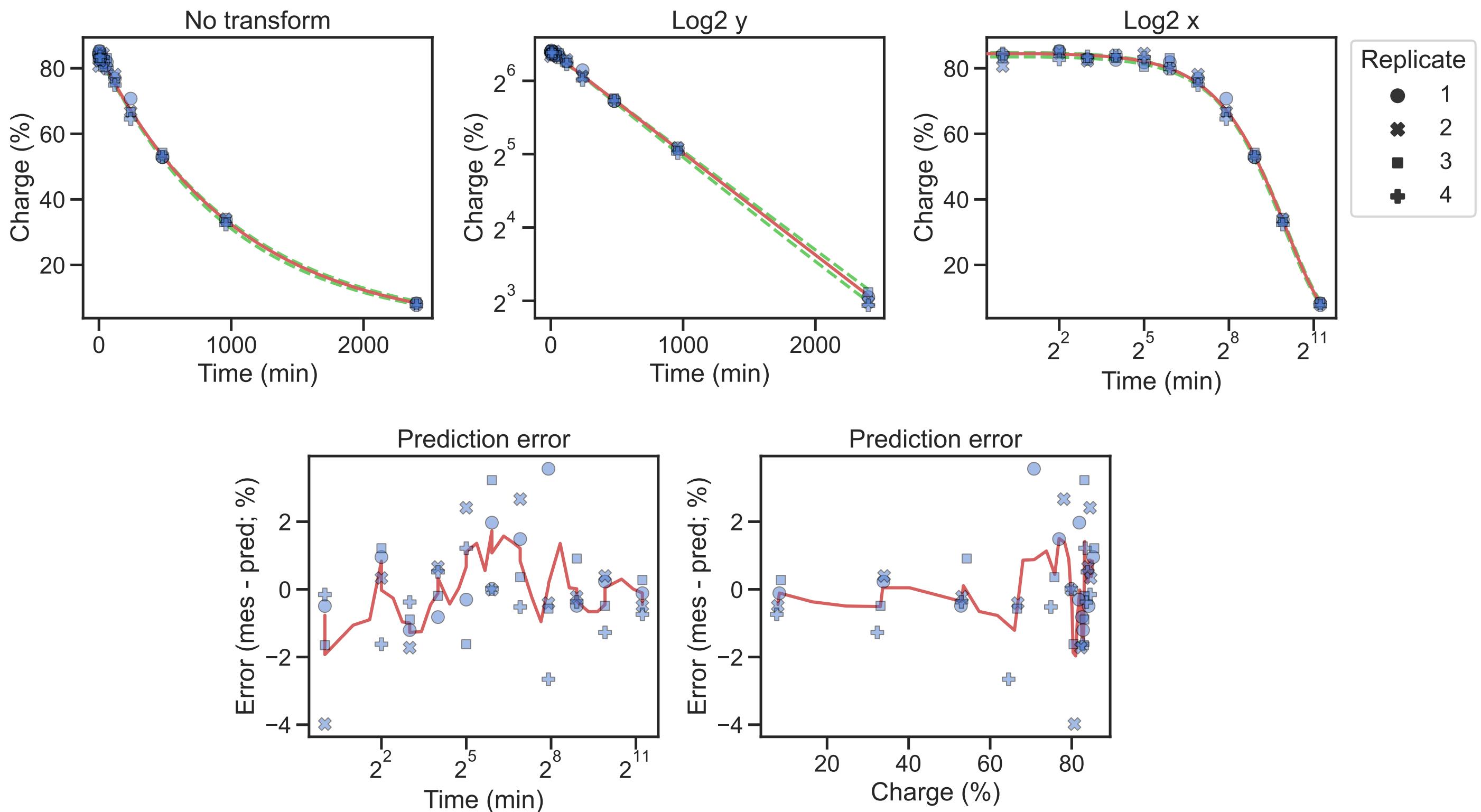
Ser-GCT-2-1 half-life=717 min, 95% CI (655; 750)



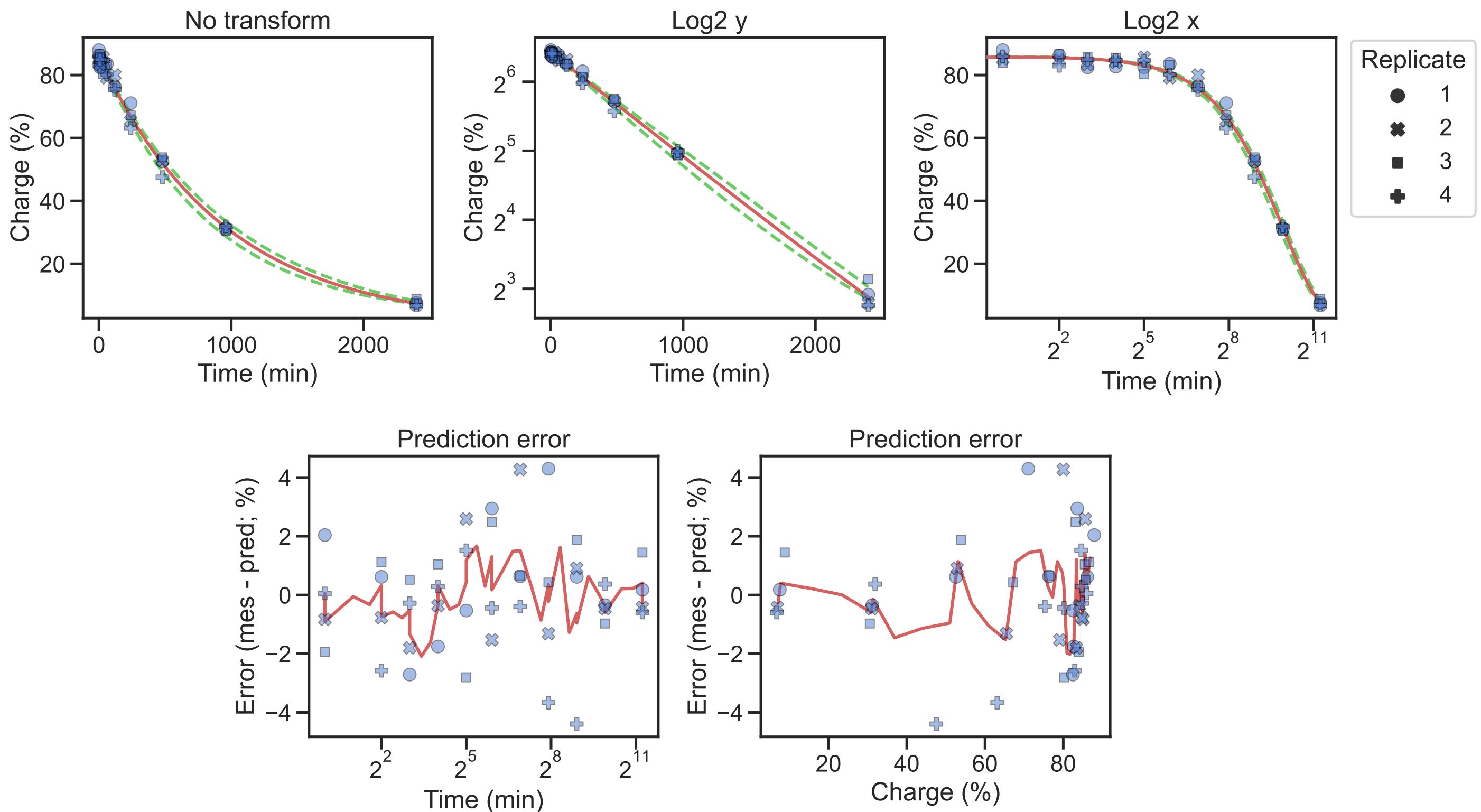
Ser-GCT-5-1 half-life=679 min, 95% CI (618; 712)



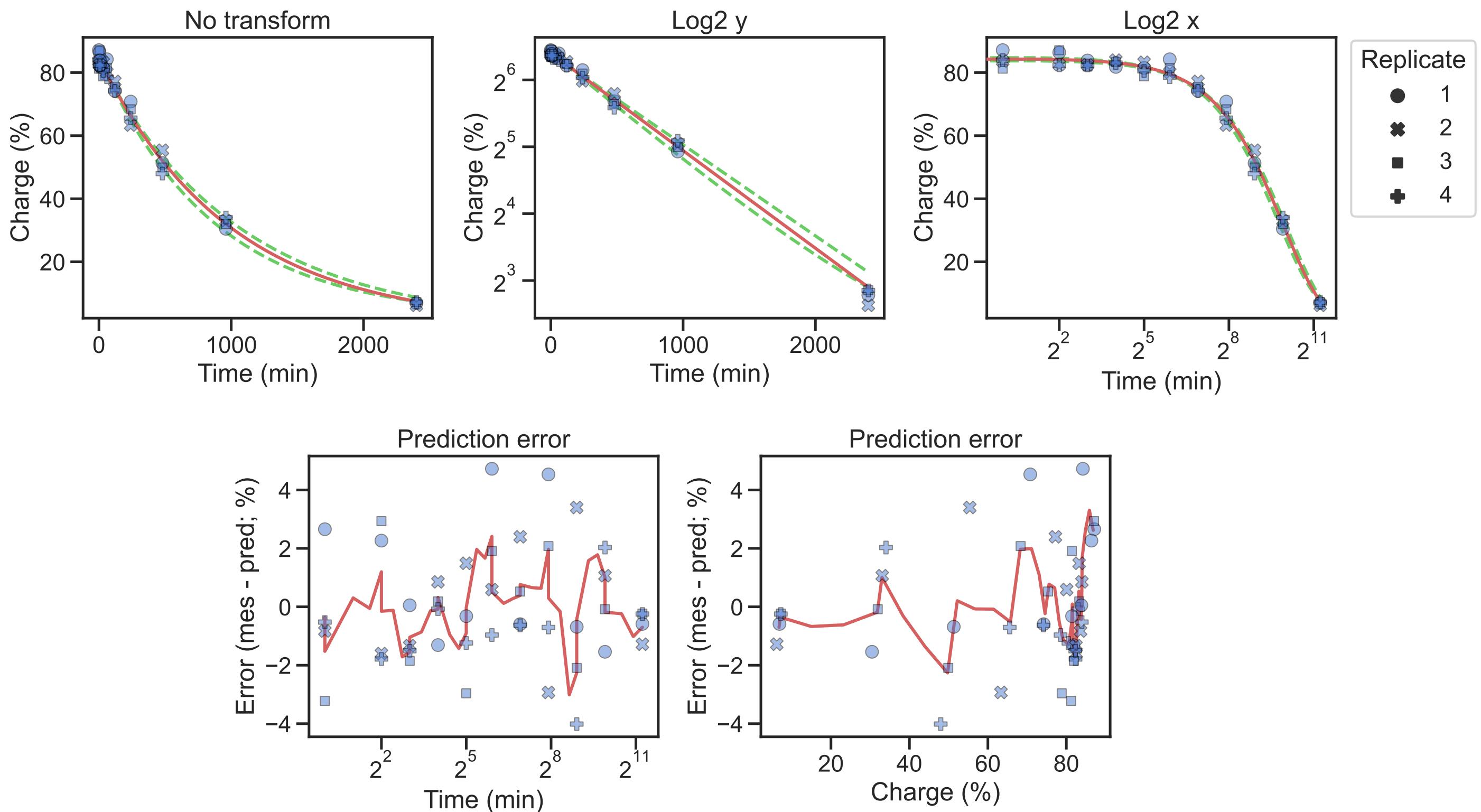
Ser-TGA-1-1 half-life=720 min, 95% CI (680; 743)



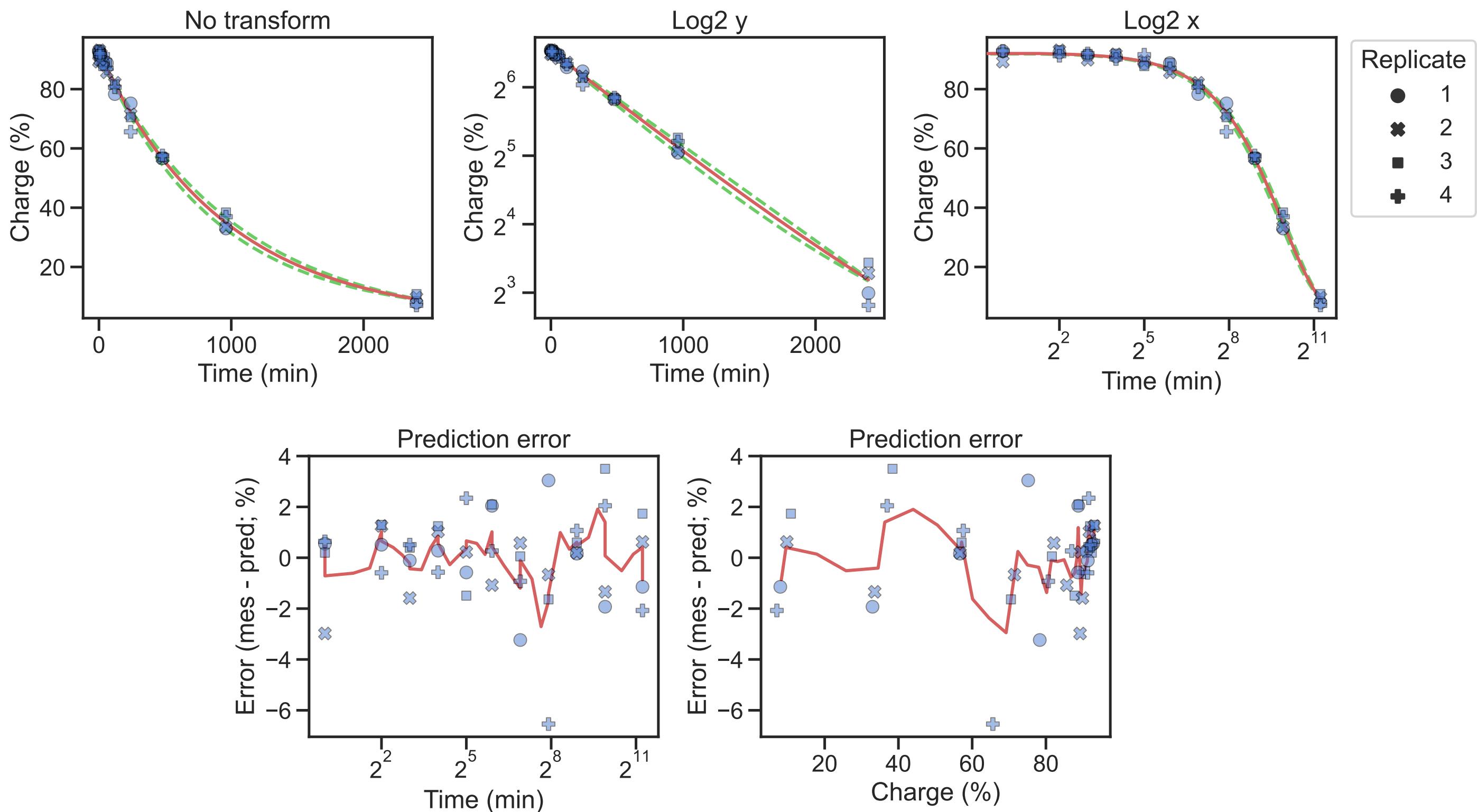
Ser-TGA-2-1 half-life=656 min, 95% CI (572; 707)



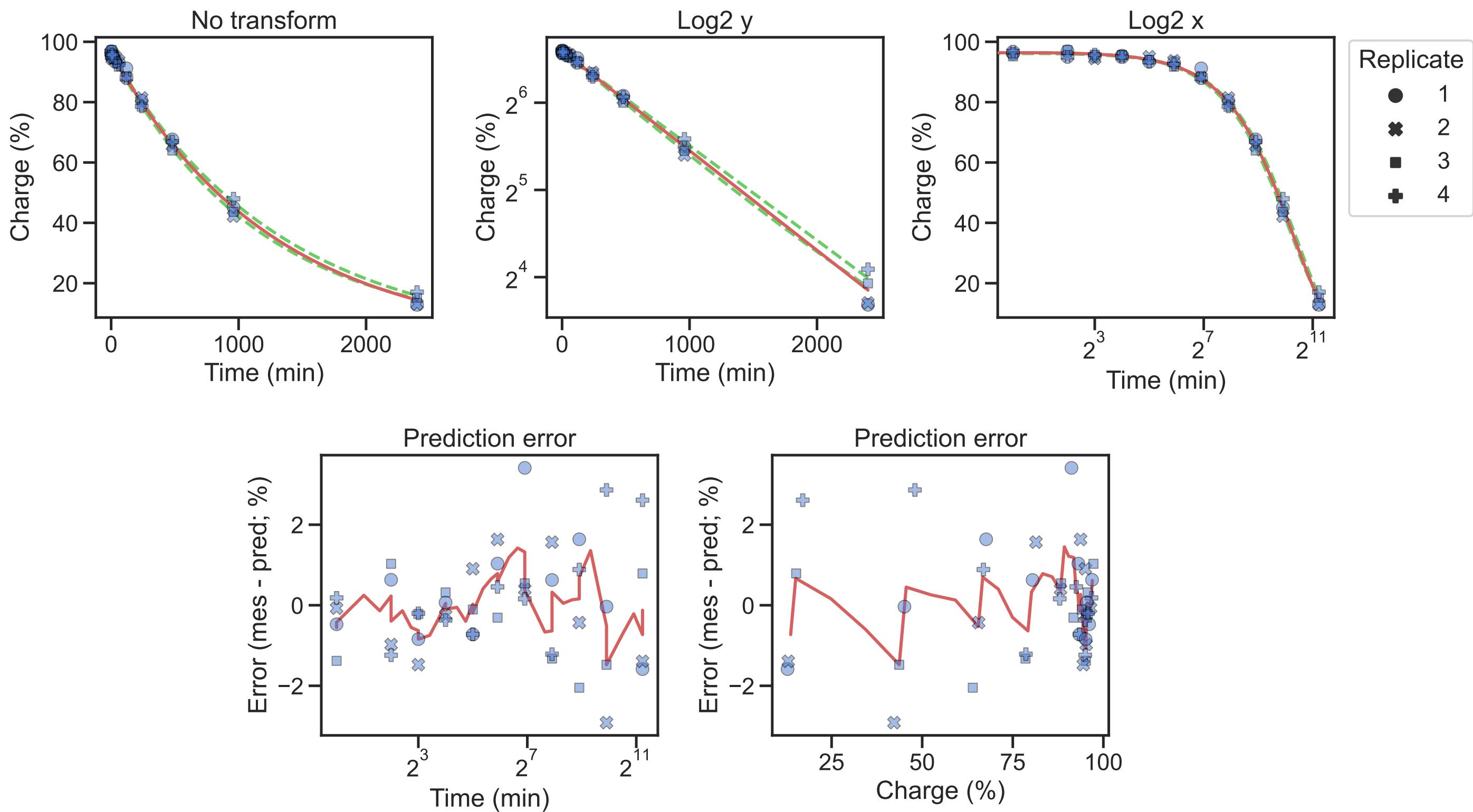
Ser-TGA-3-1 half-life=686 min, 95% CI (596; 735)



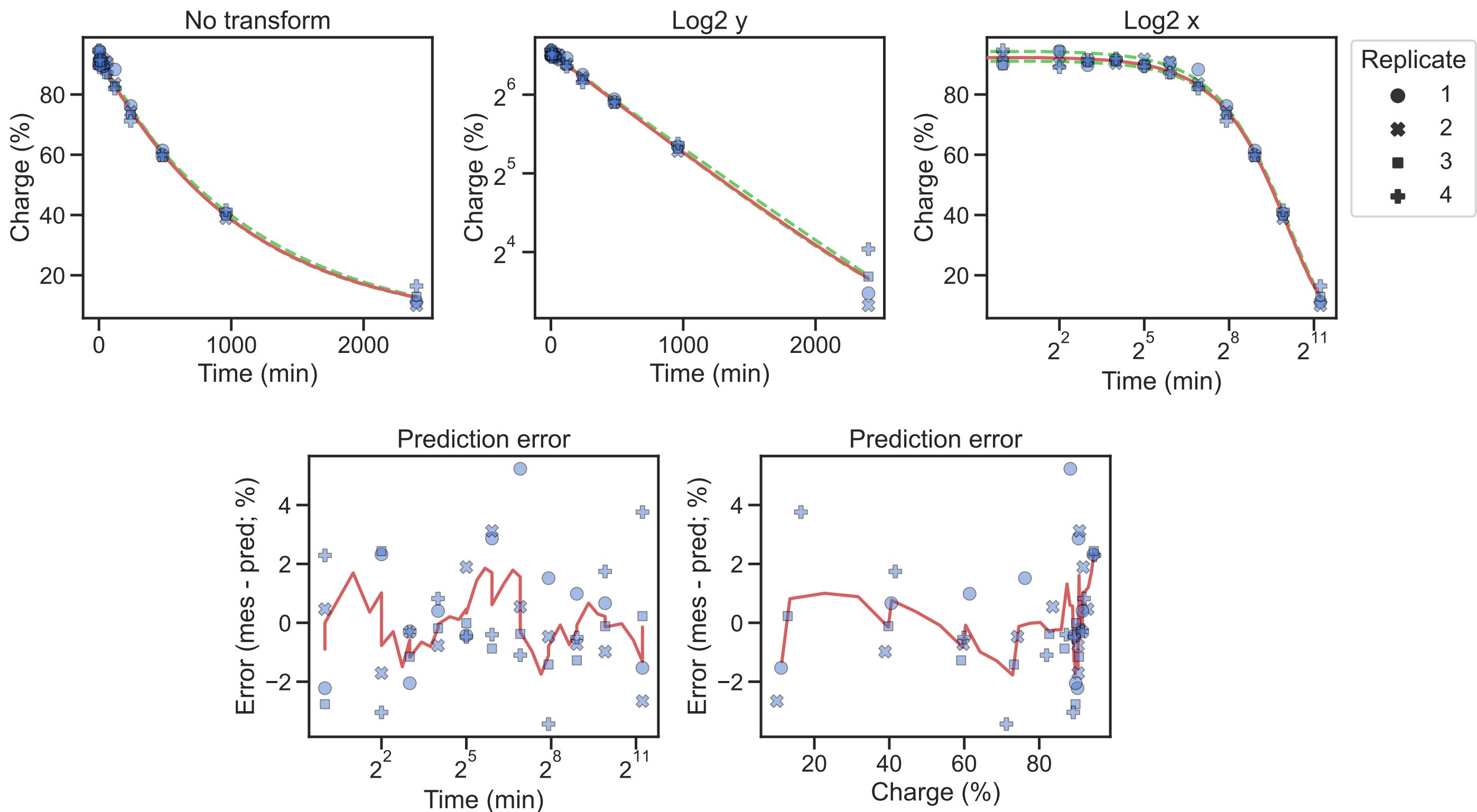
Ser-TGA-4-1 half-life=662 min, 95% CI (598; 723)



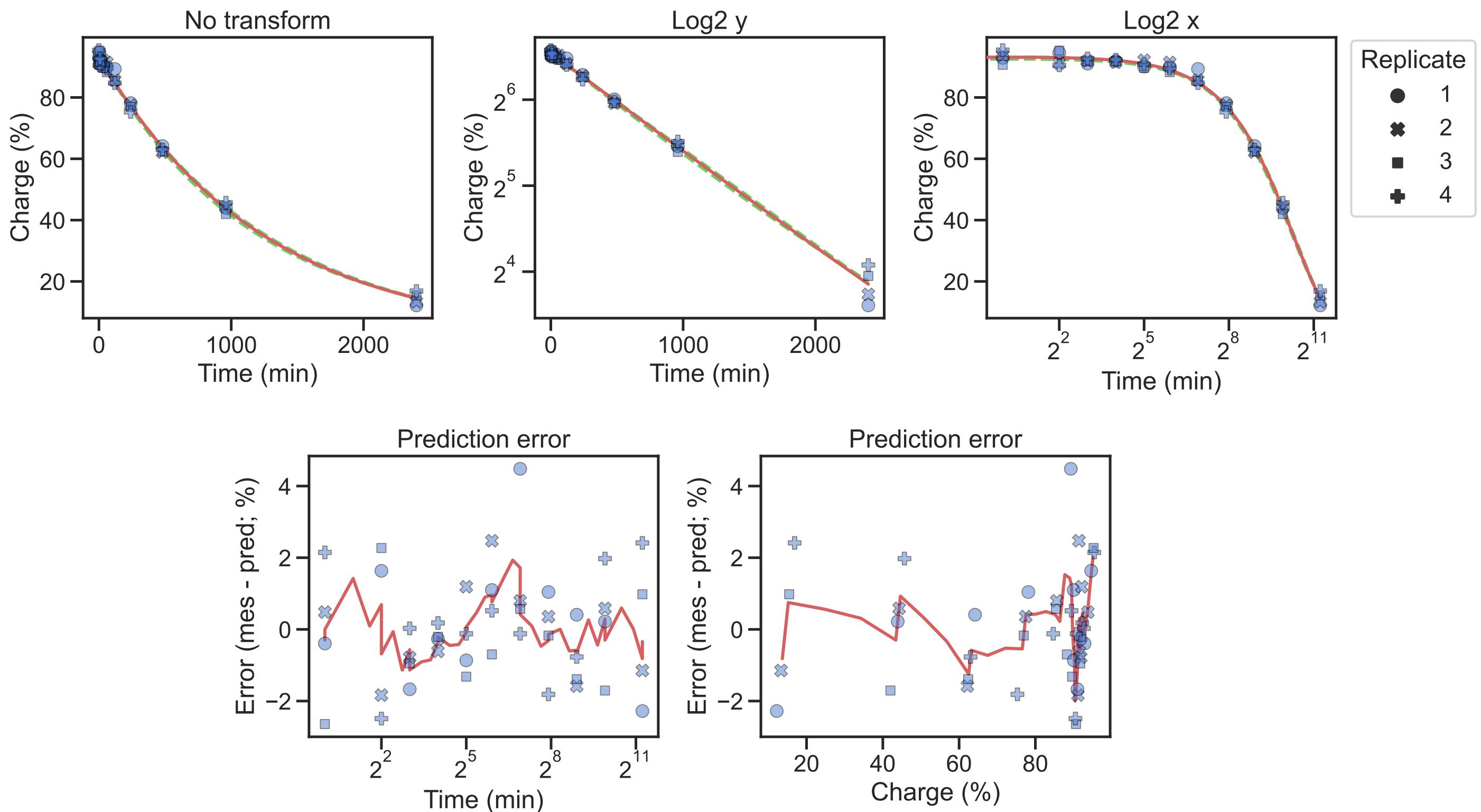
Thr-AGT-1-1 half-life=875 min, 95% CI (790; 923)



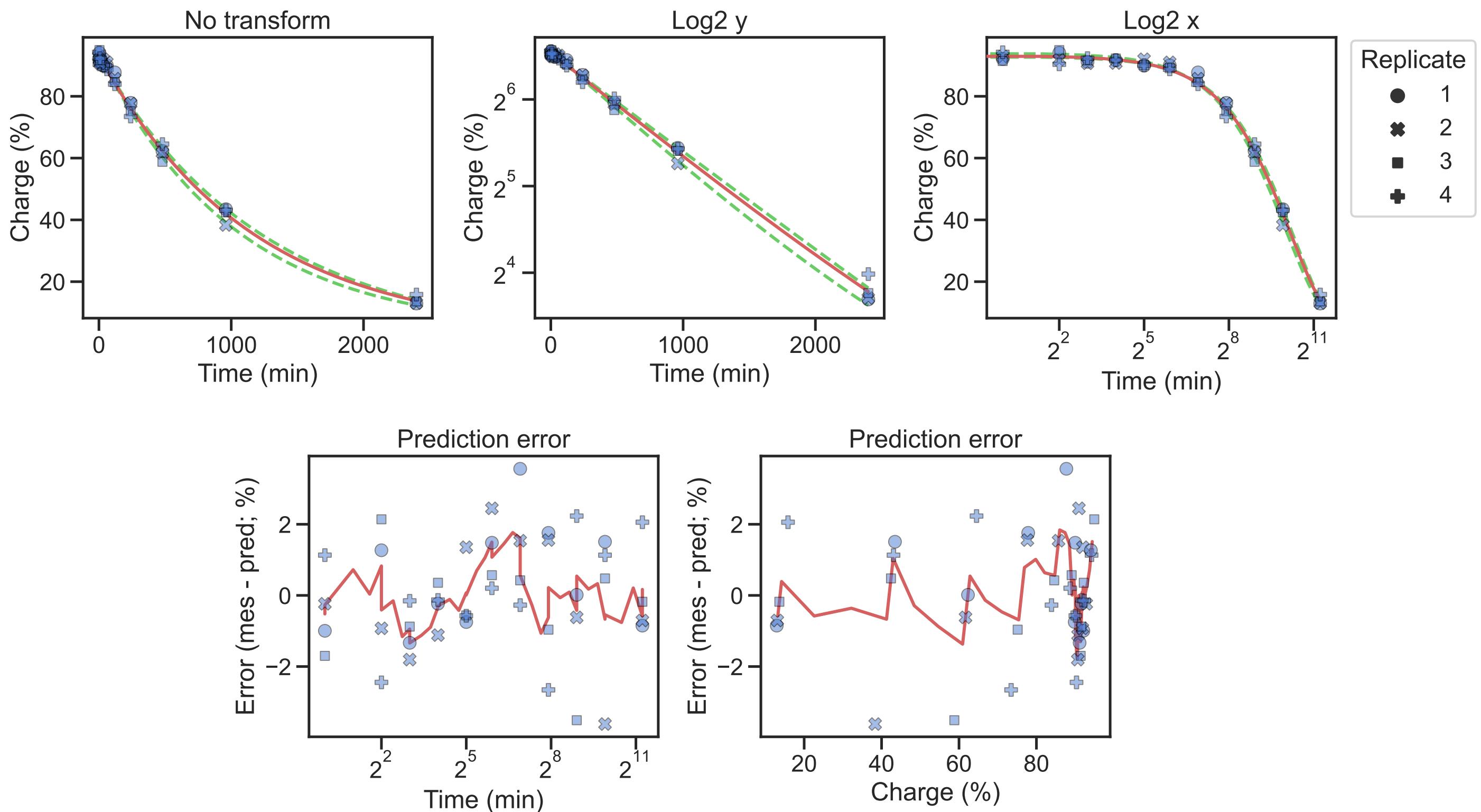
Thr-AGT-2-1 half-life=753 min, 95% CI (724; 821)



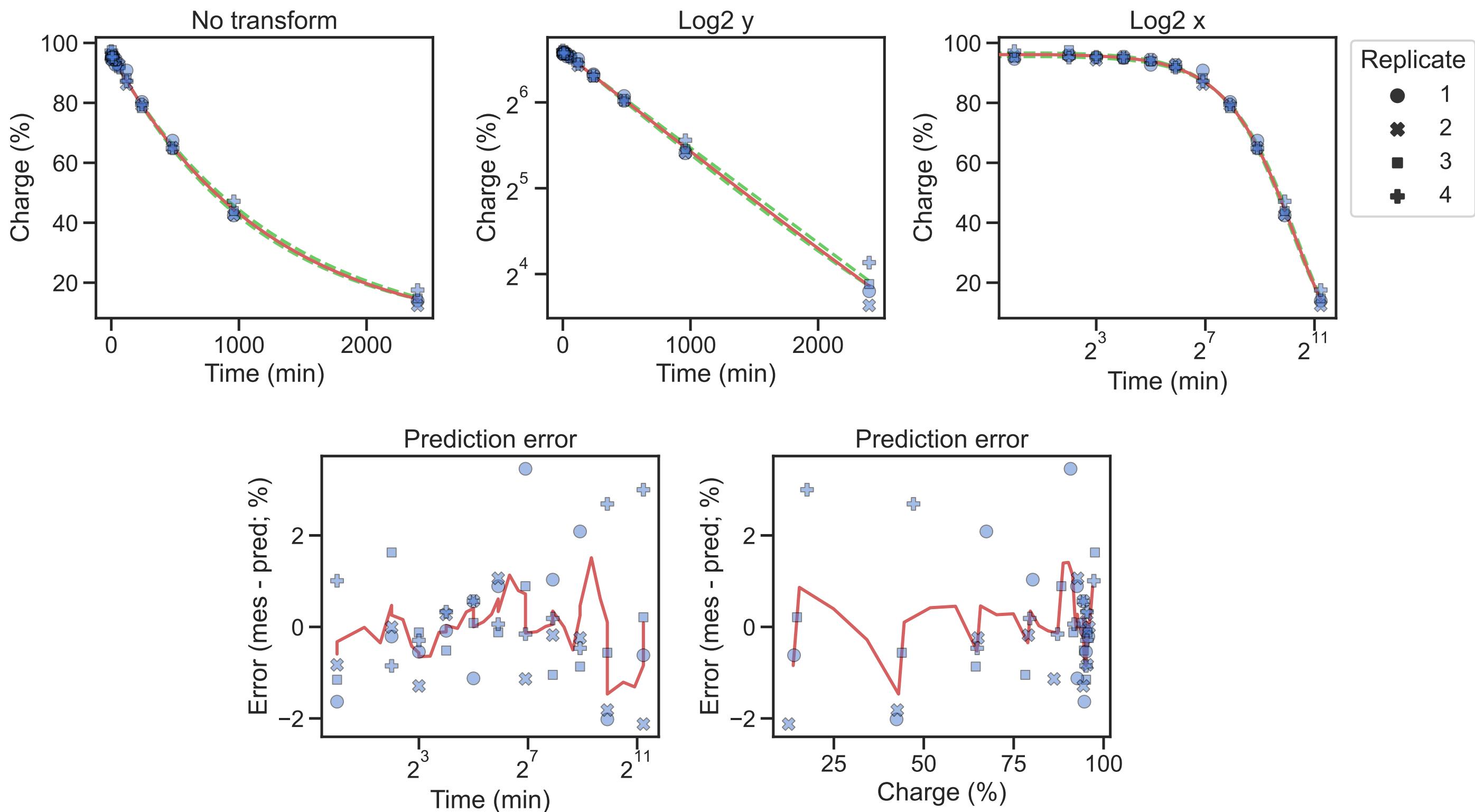
Thr-AGT-3-1 half-life=862 min, 95% CI (802; 900)



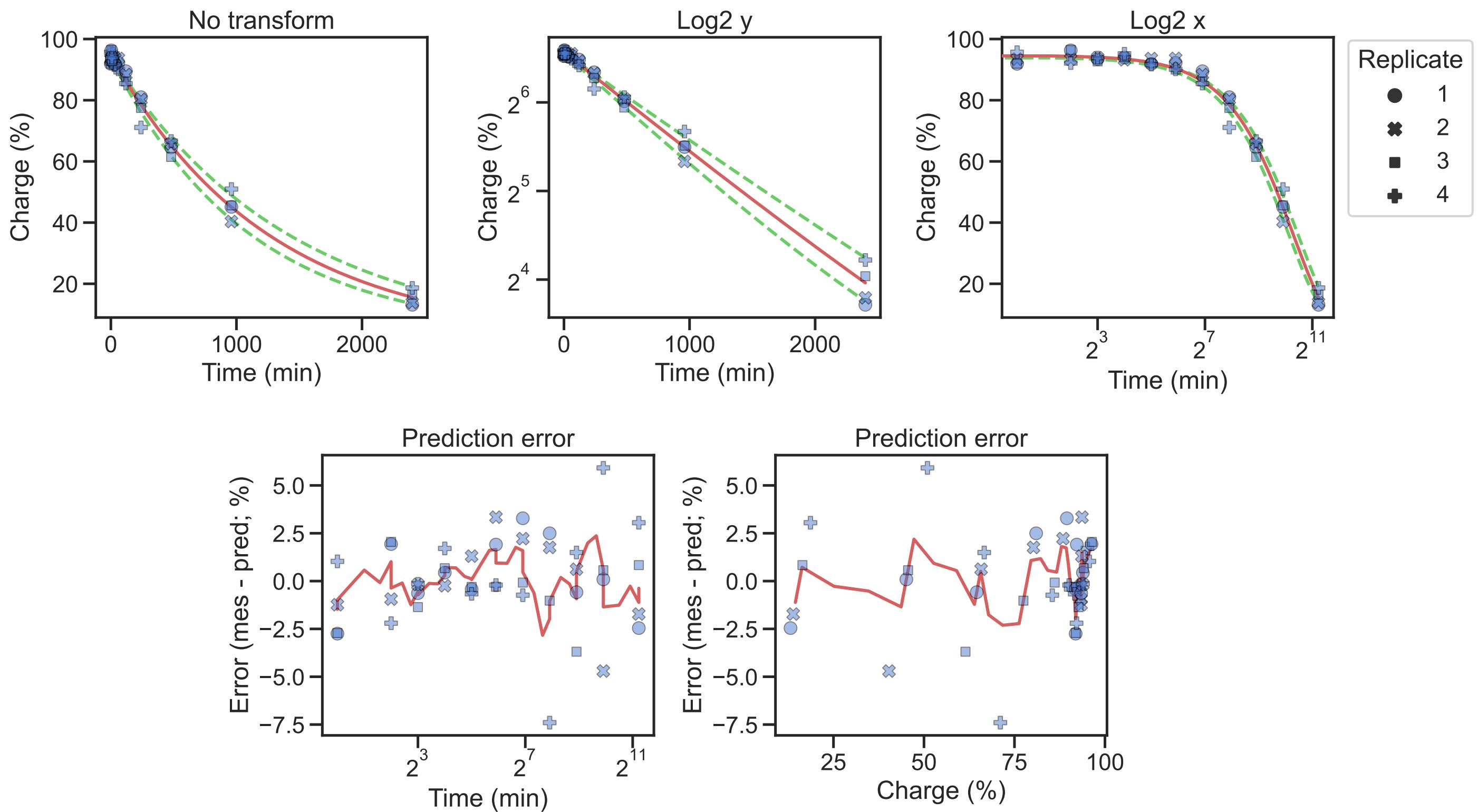
Thr-AGT-4-1 half-life=802 min, 95% CI (715; 872)



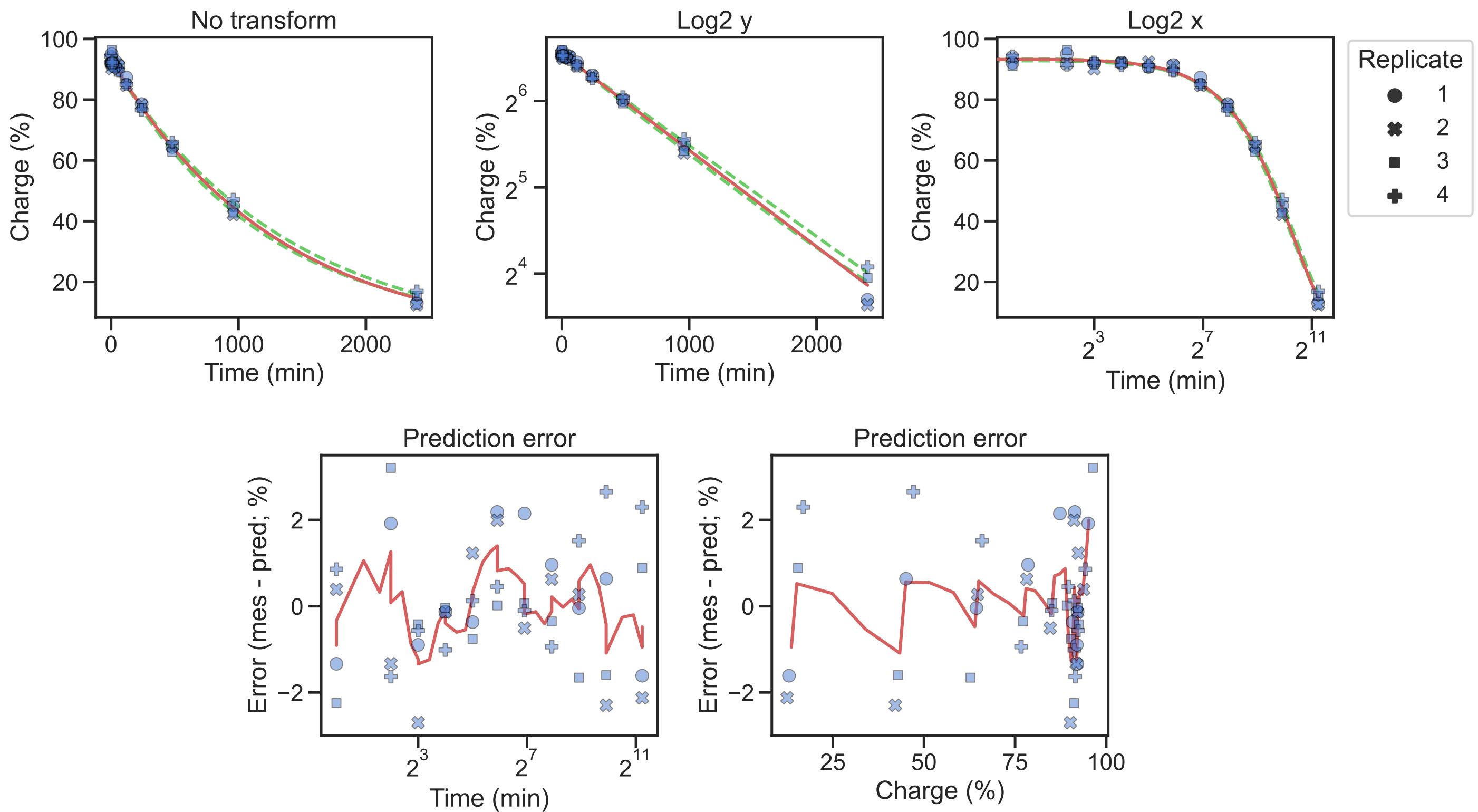
Thr-AGT-5-1 half-life=843 min, 95% CI (789; 902)



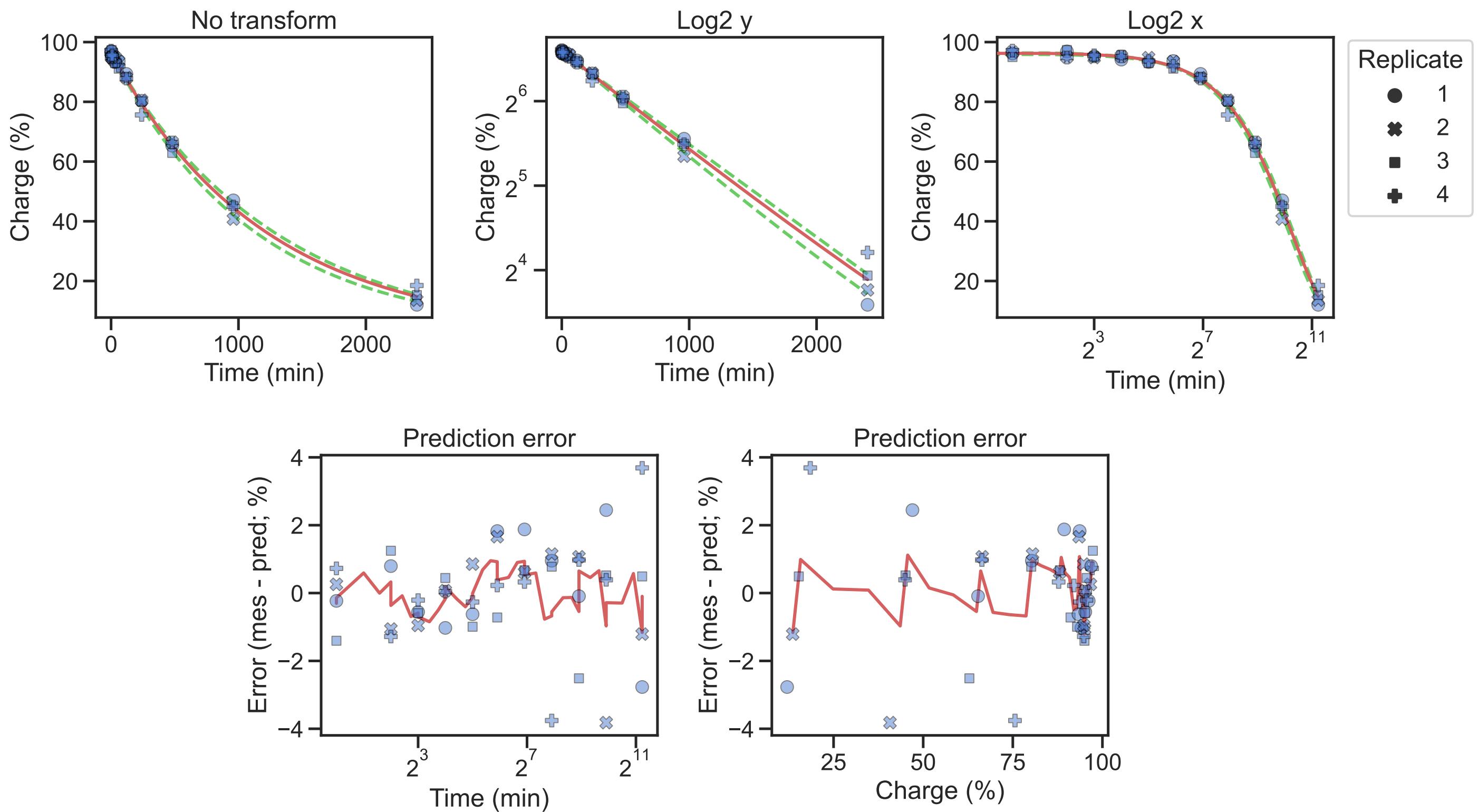
Thr-AGT-6-1 half-life=869 min, 95% CI (755; 986)



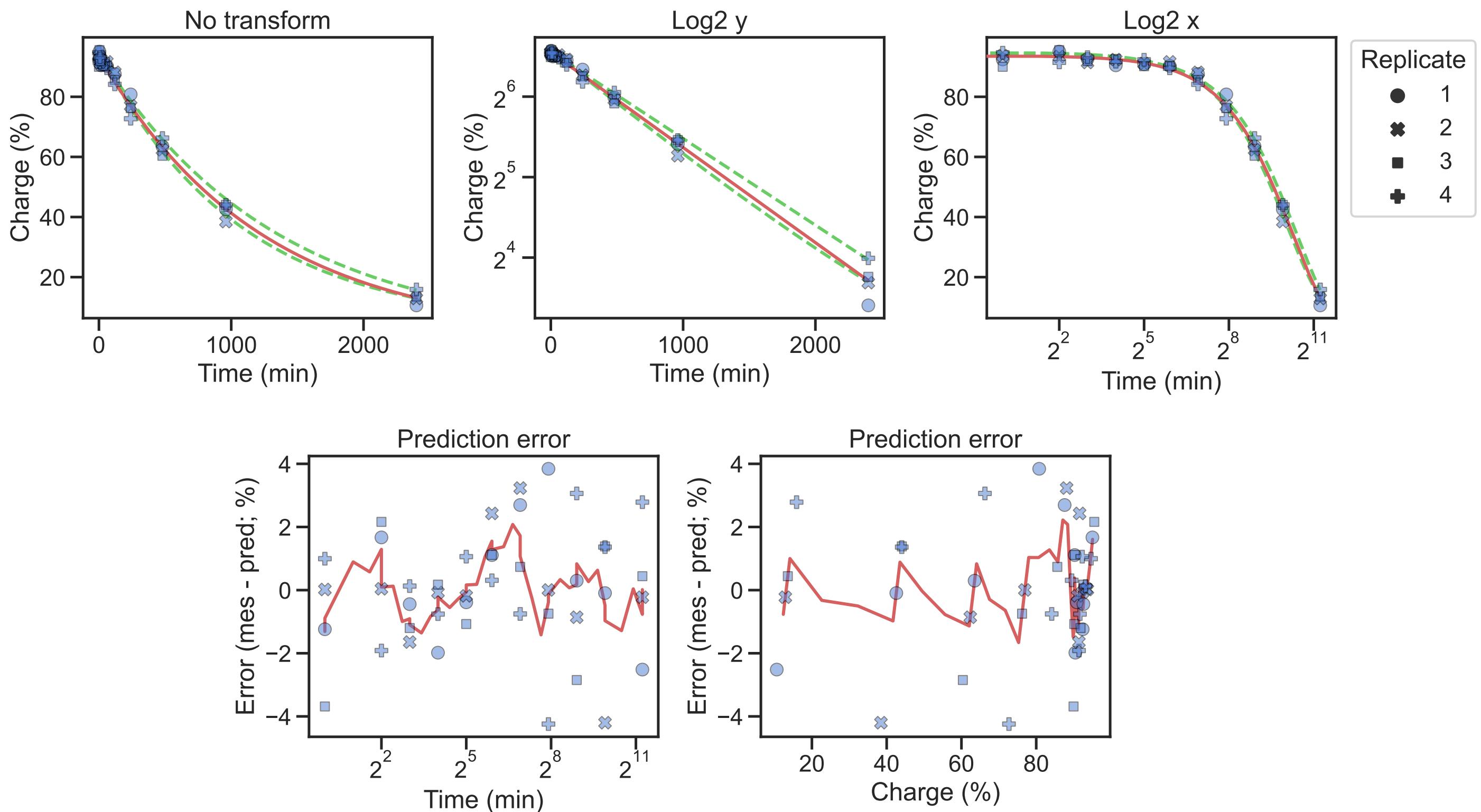
Thr-CGT-1-1 half-life=896 min, 95% CI (808; 949)



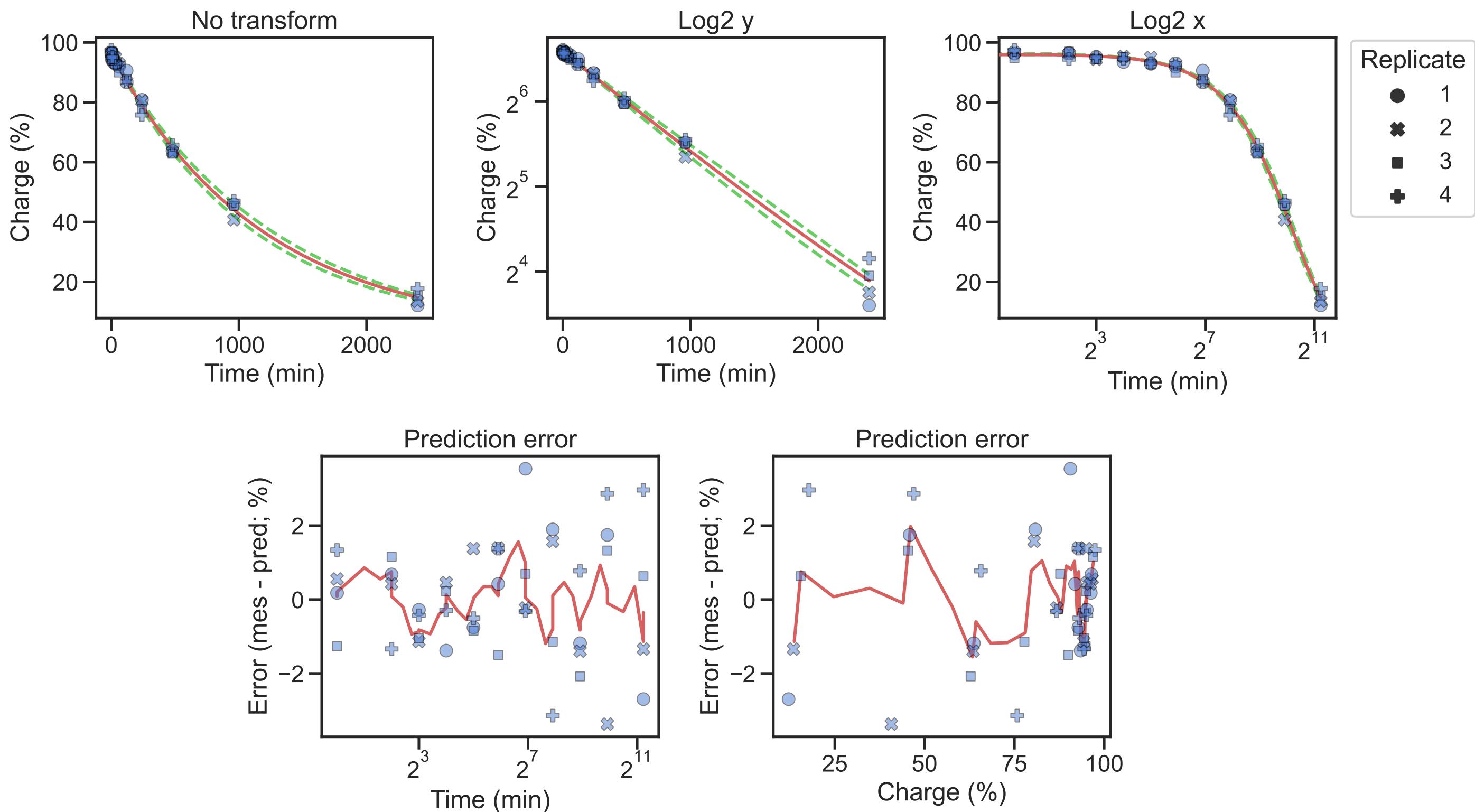
Thr-CGT-2-1 half-life=837 min, 95% CI (770; 912)



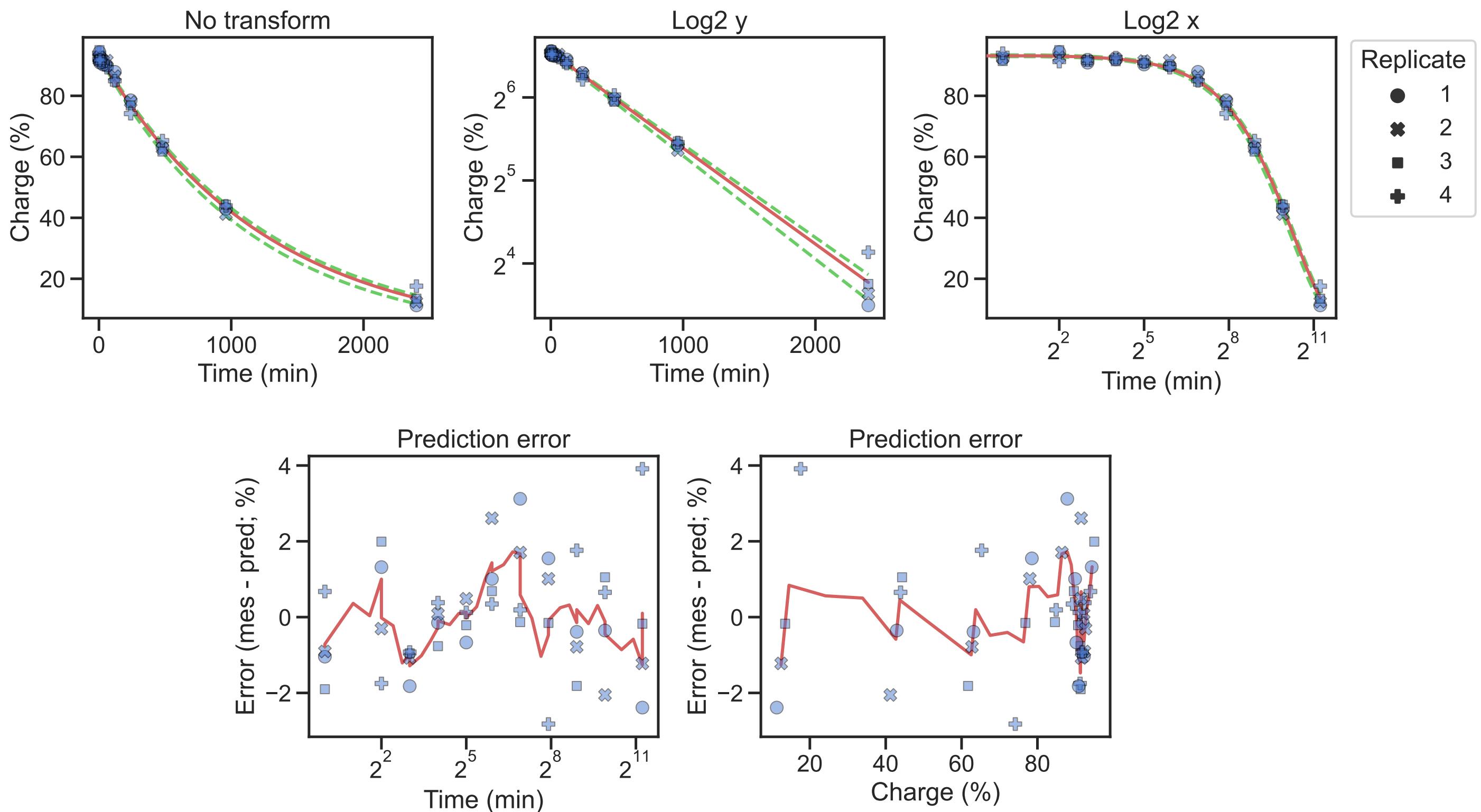
Thr-CGT-3-1 half-life=846 min, 95% CI (741; 929)



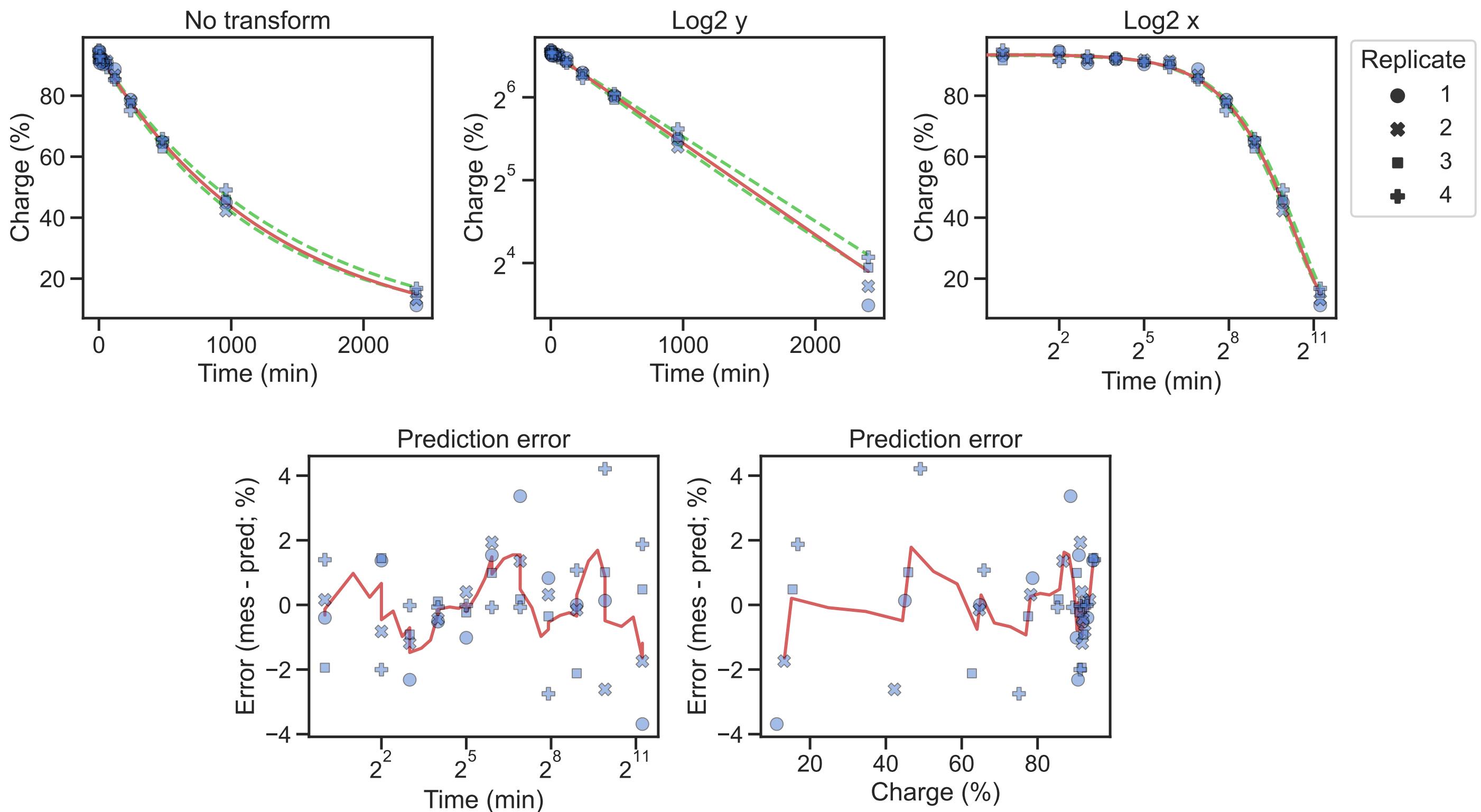
Thr-CGT-4-1 half-life=821 min, 95% CI (757; 904)



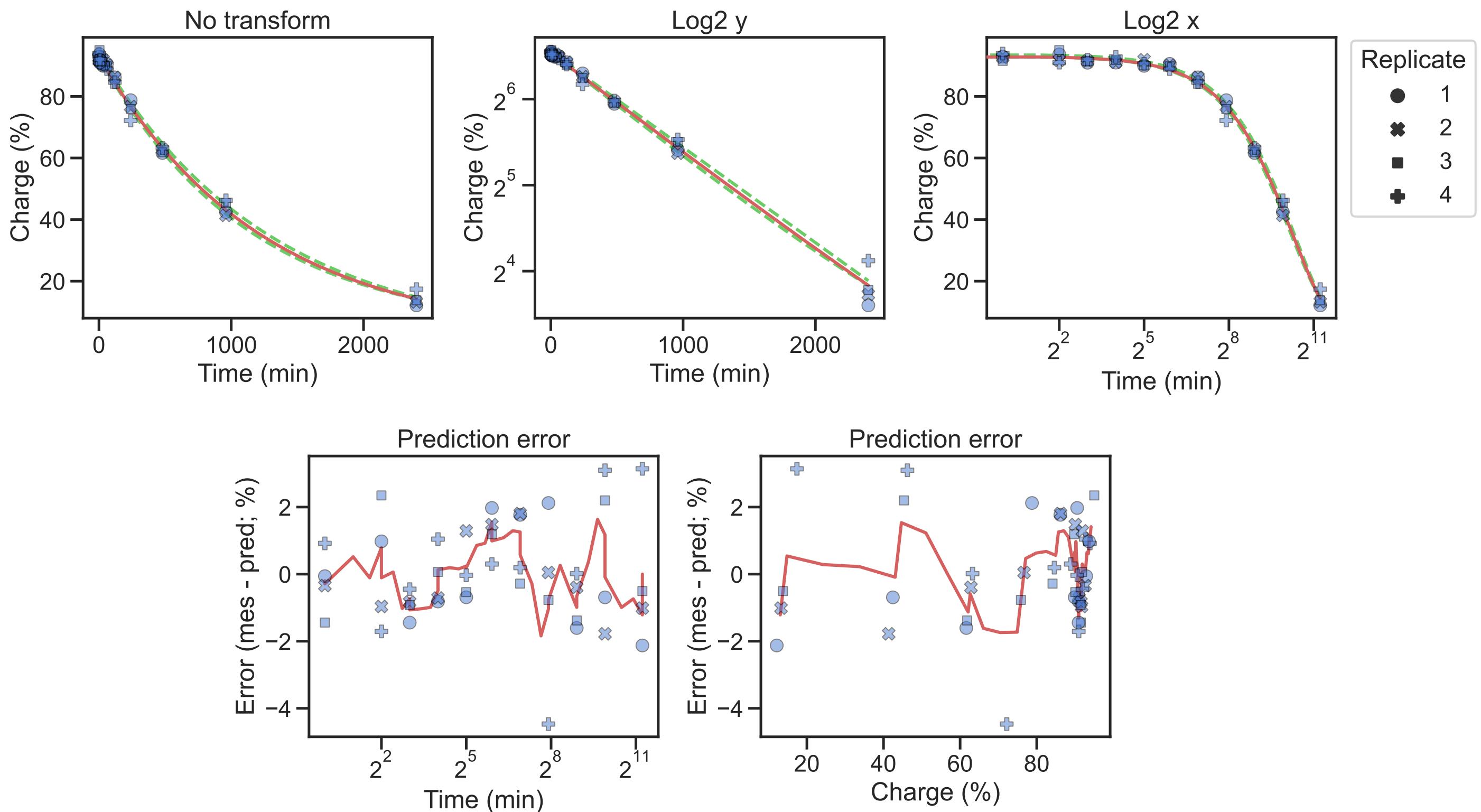
Thr-TGT-1-1 half-life=866 min, 95% CI (804; 895)



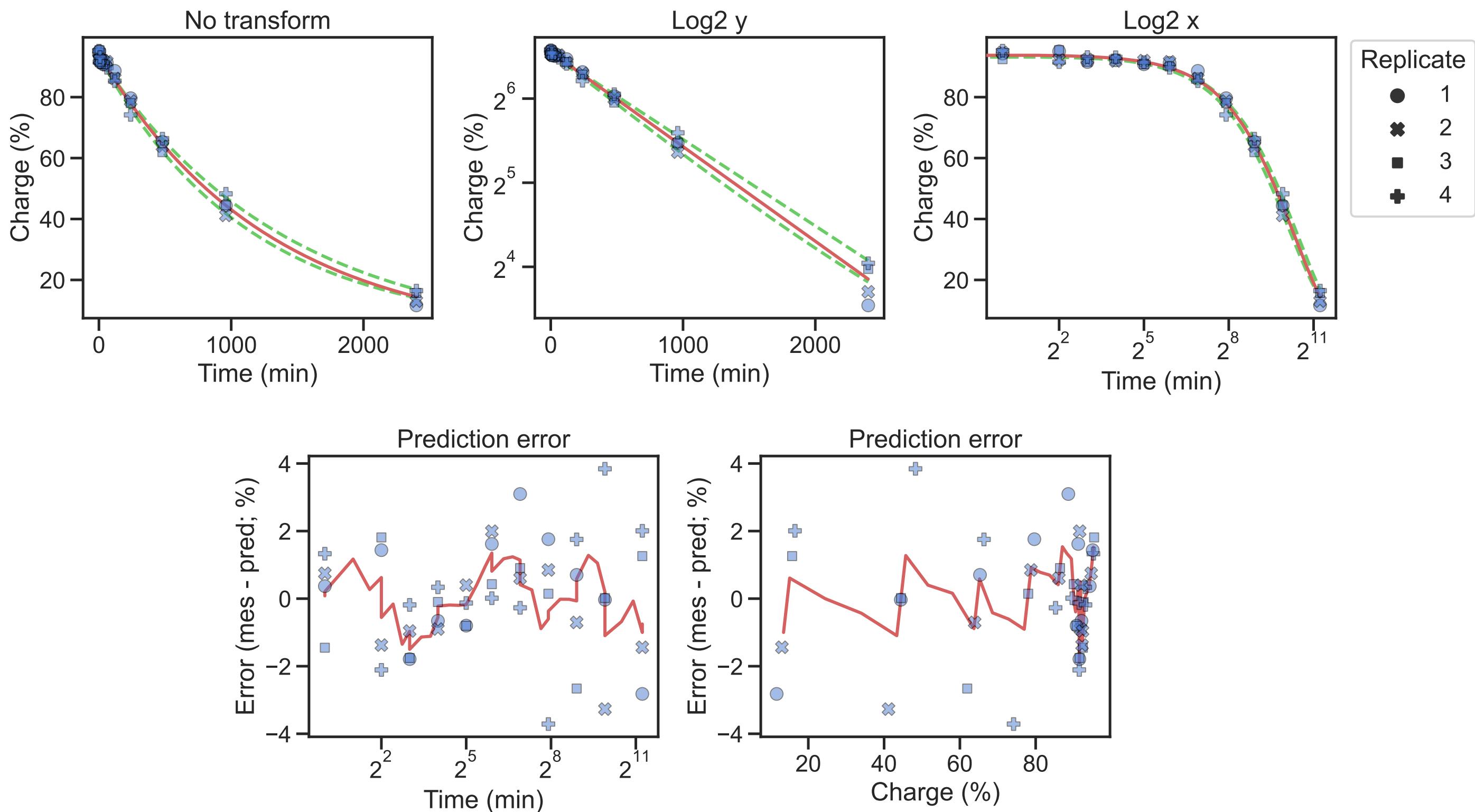
Thr-TGT-2-1 half-life=906 min, 95% CI (813; 980)



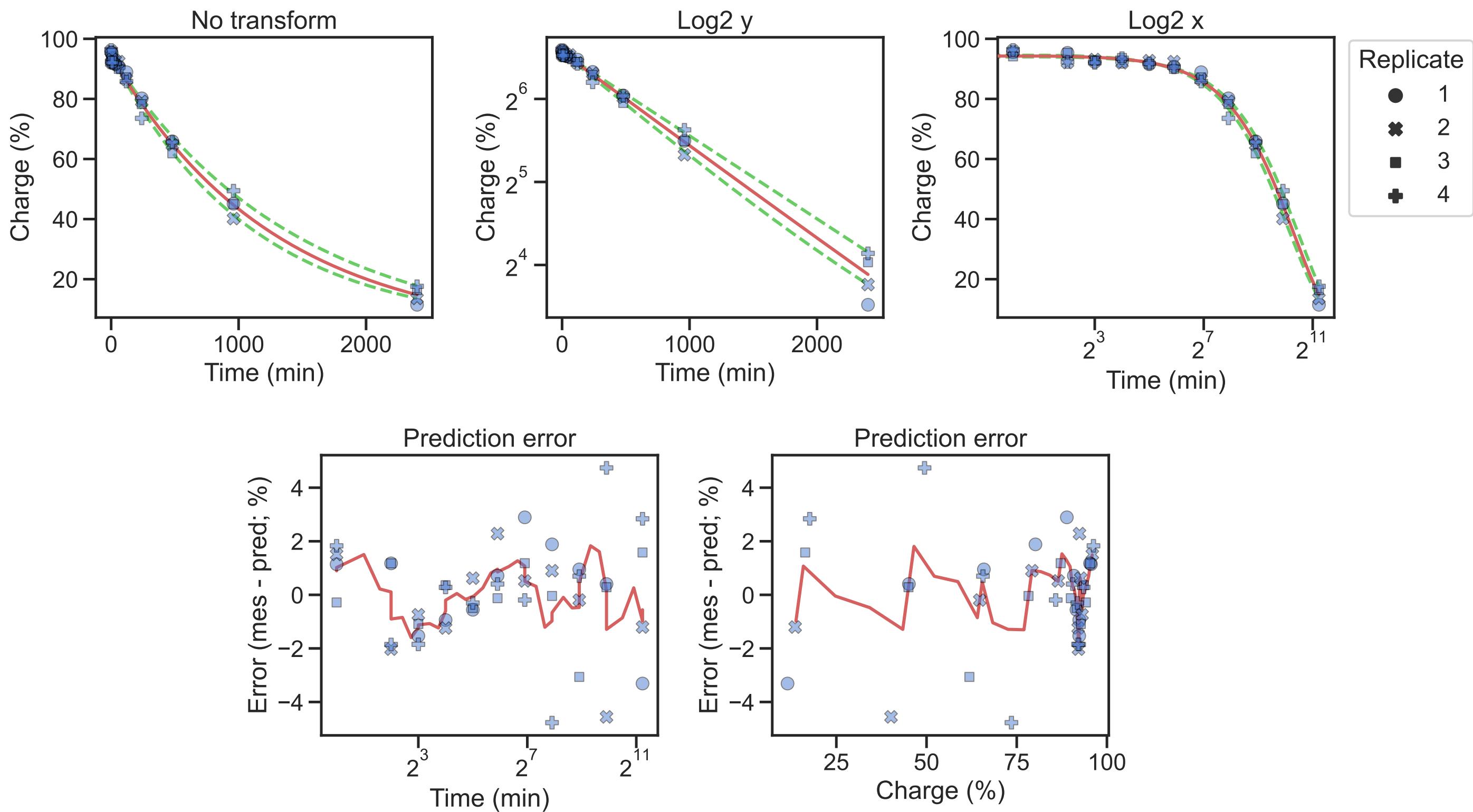
Thr-TGT-3-1 half-life=846 min, 95% CI (785; 902)



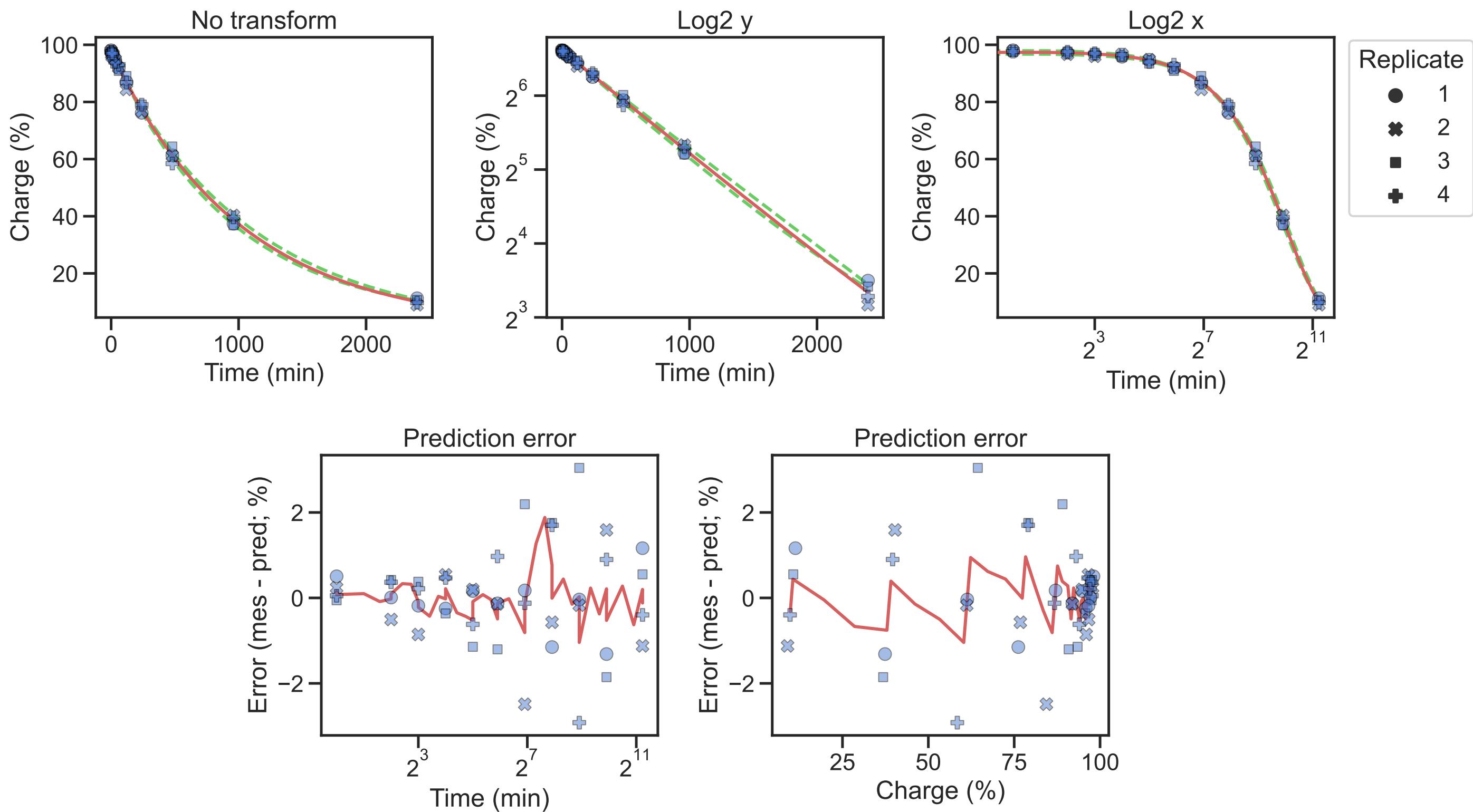
Thr-TGT-4-1 half-life=889 min, 95% CI (778; 972)



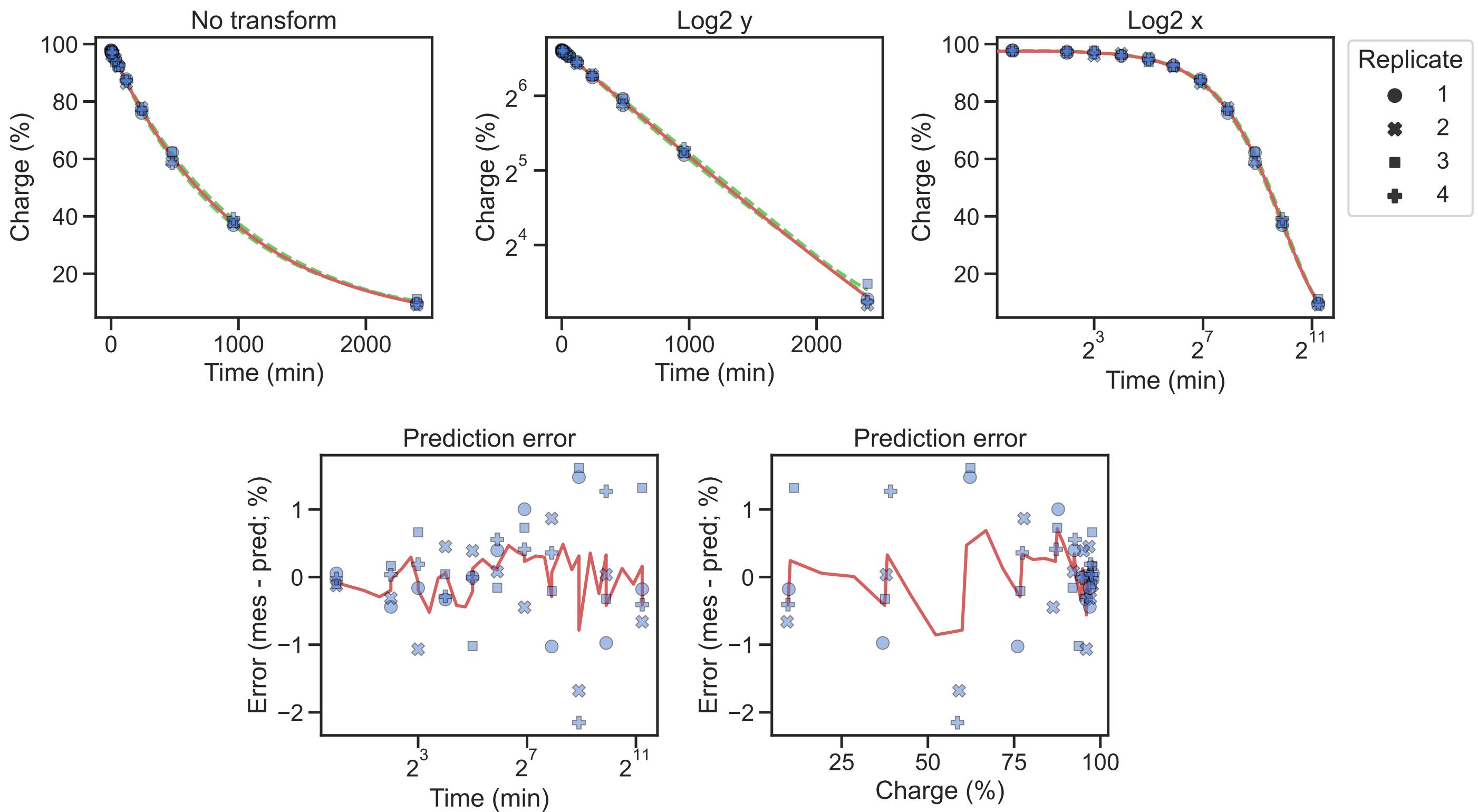
Thr-TGT-5-1 half-life=882 min, 95% CI (756; 999)



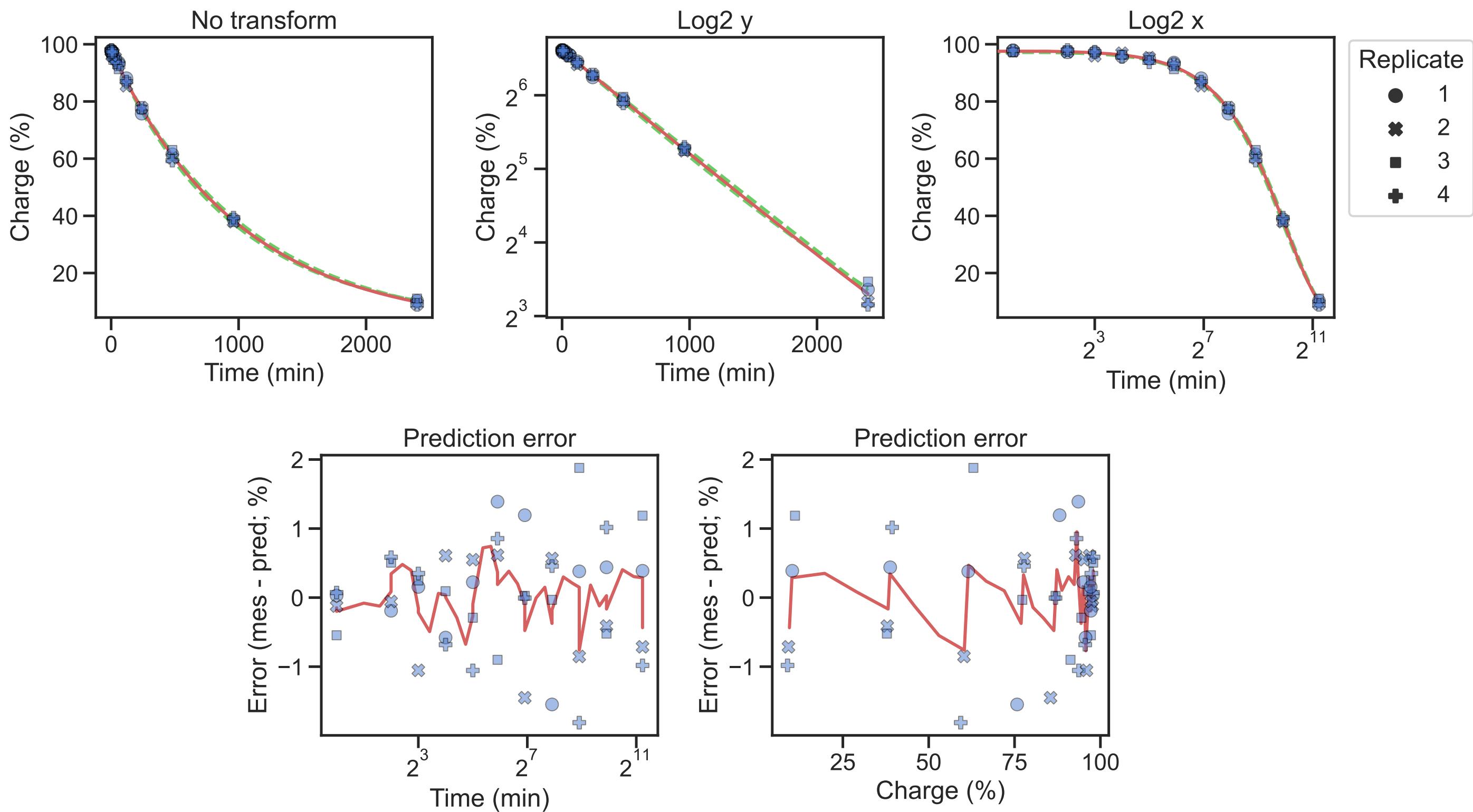
Trp-CCA-1-1 half-life=709 min, 95% CI (644; 762)



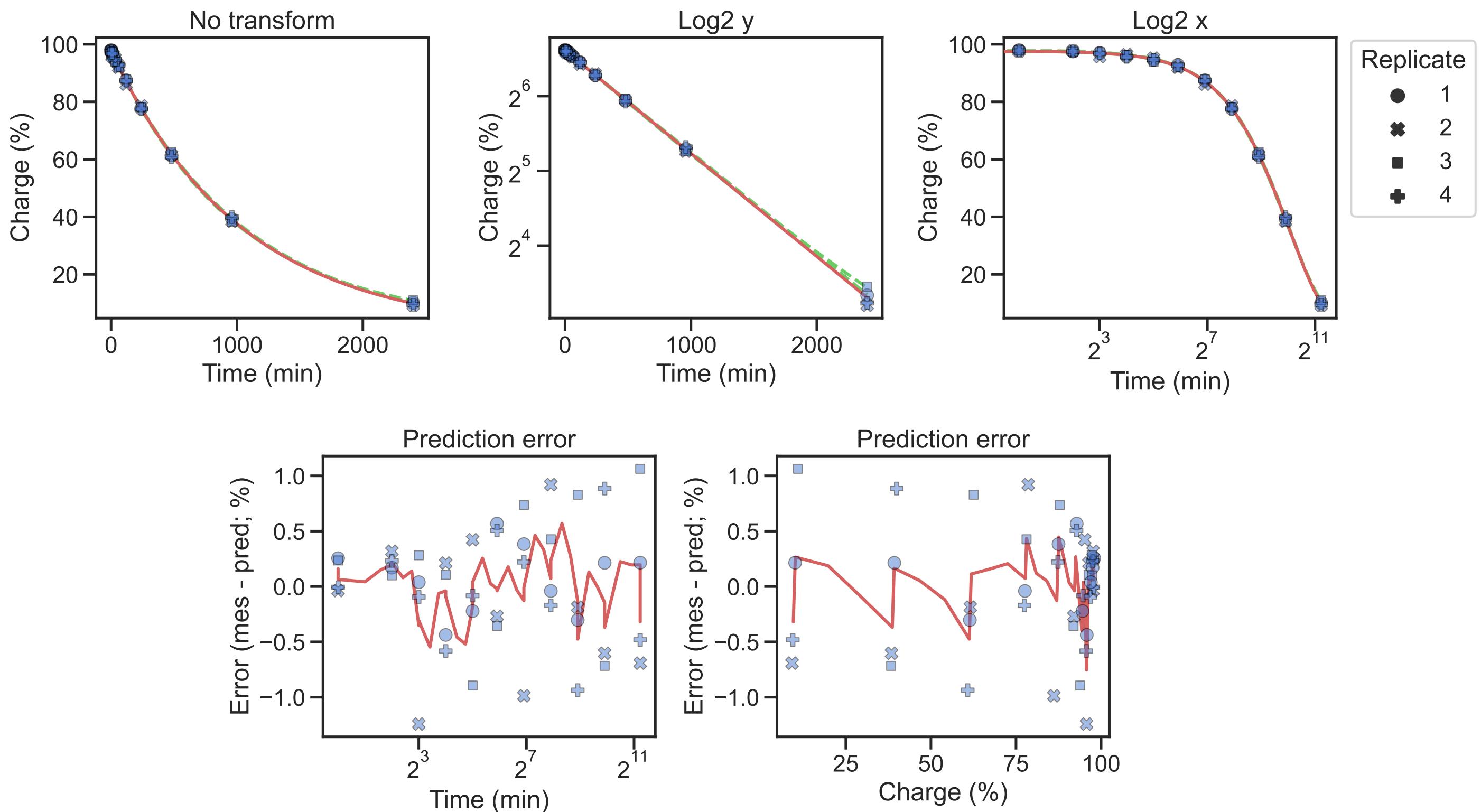
Trp-CCA-2-1 half-life=687 min, 95% CI (640; 726)



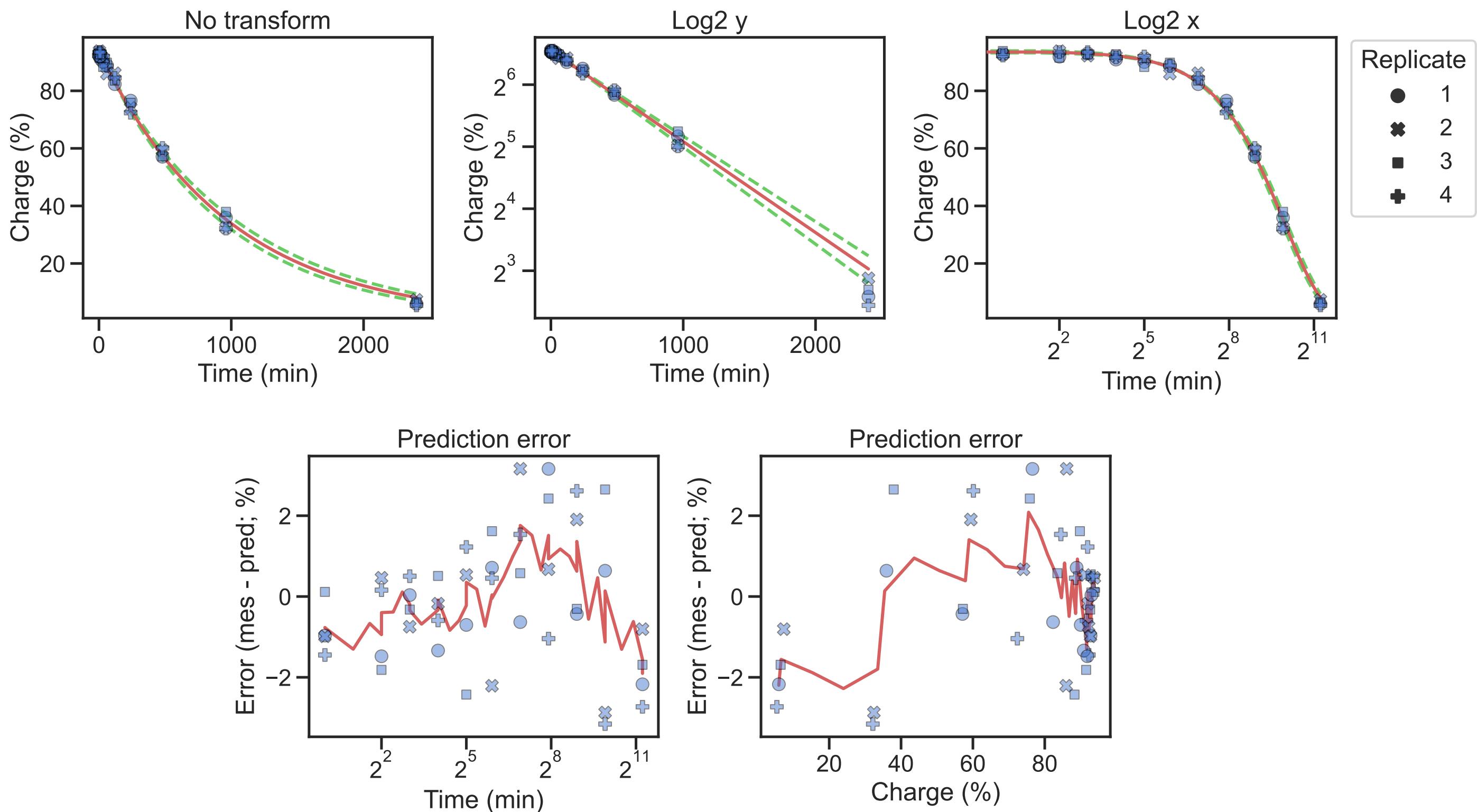
Trp-CCA-3-1 half-life=700 min, 95% CI (654; 736)



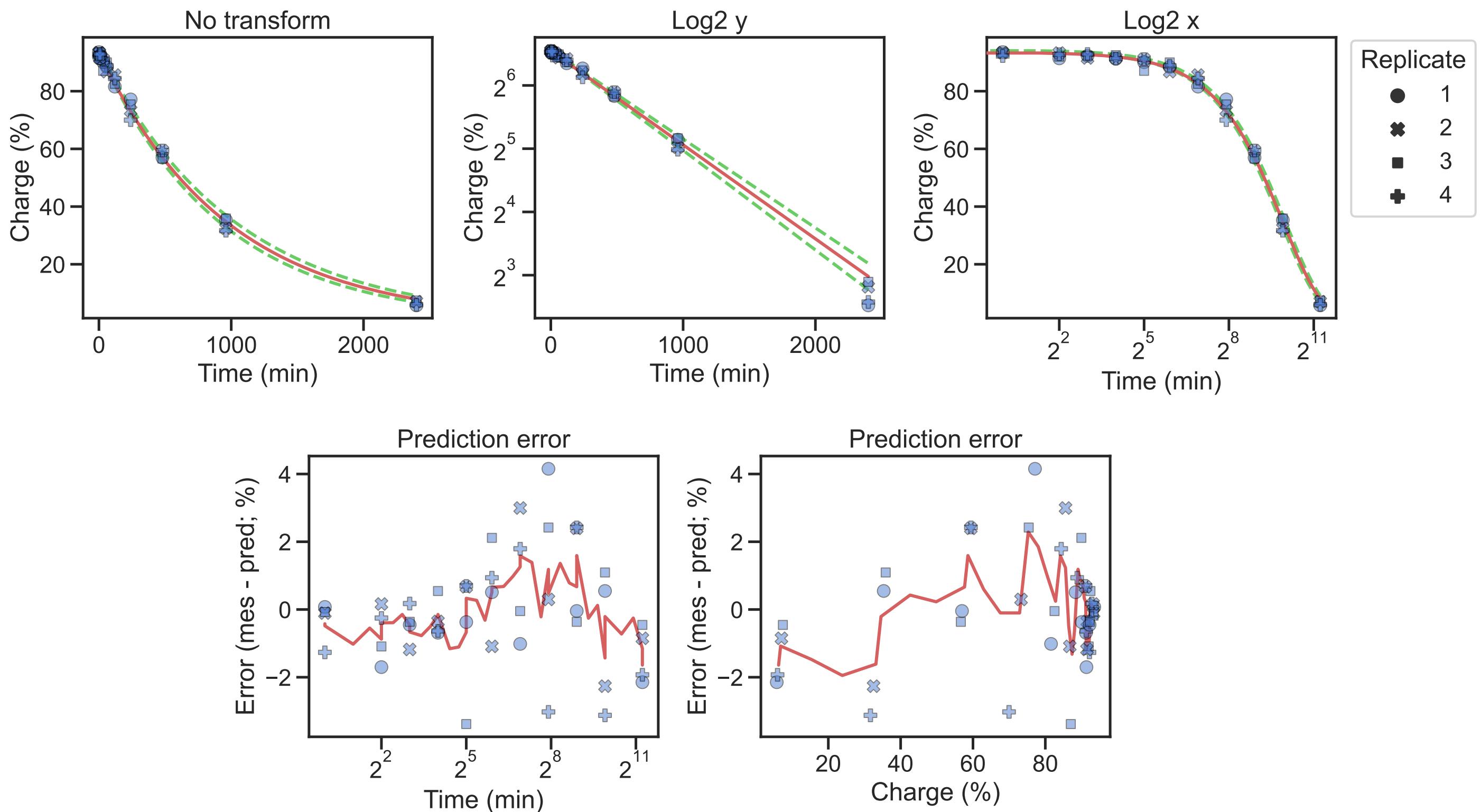
Trp-CCA-4-1 half-life=724 min, 95% CI (689; 735)



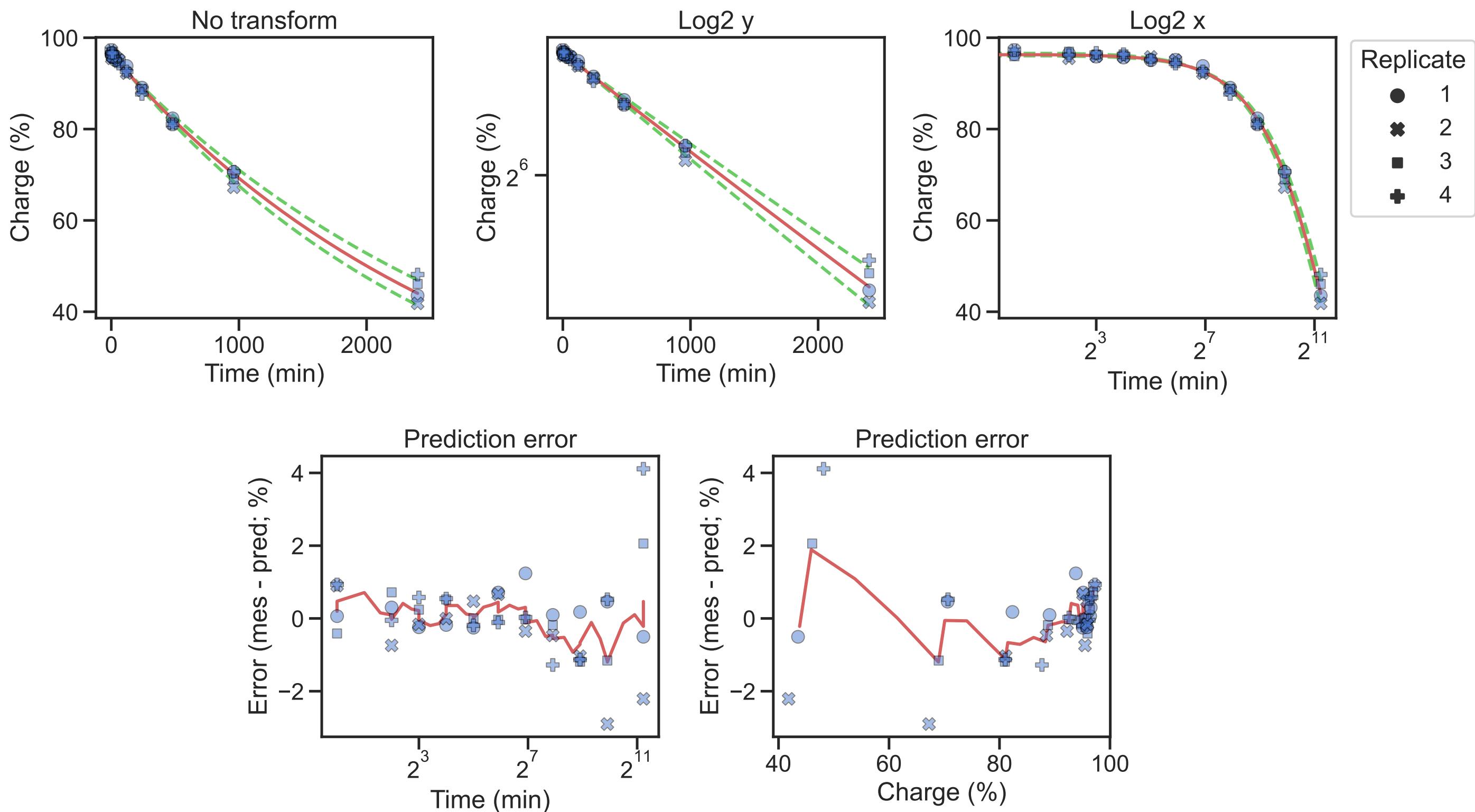
Tyr-GTA-1-1 half-life=682 min, 95% CI (639; 726)



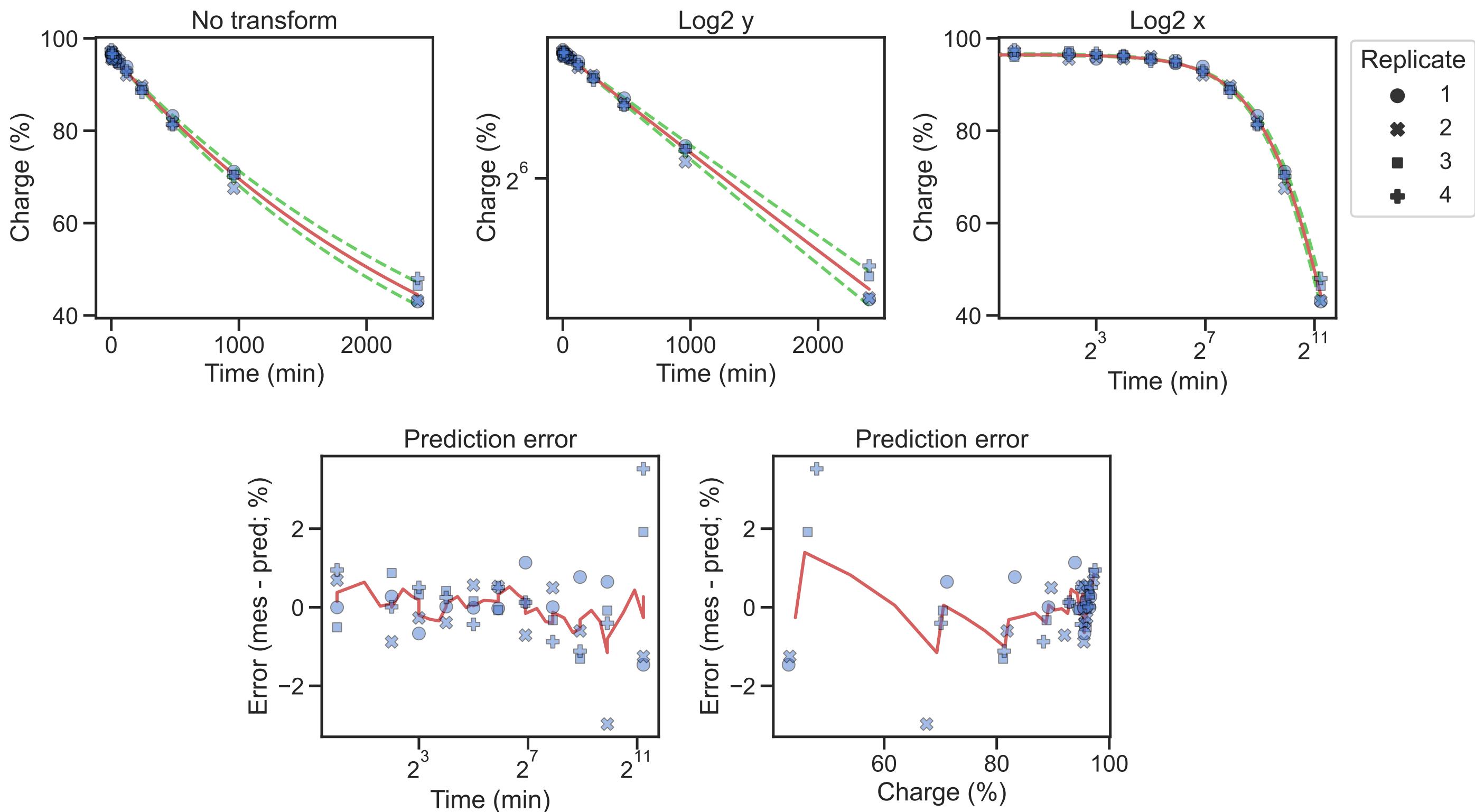
Tyr-GTA-8-1 half-life=673 min, 95% CI (635; 712)



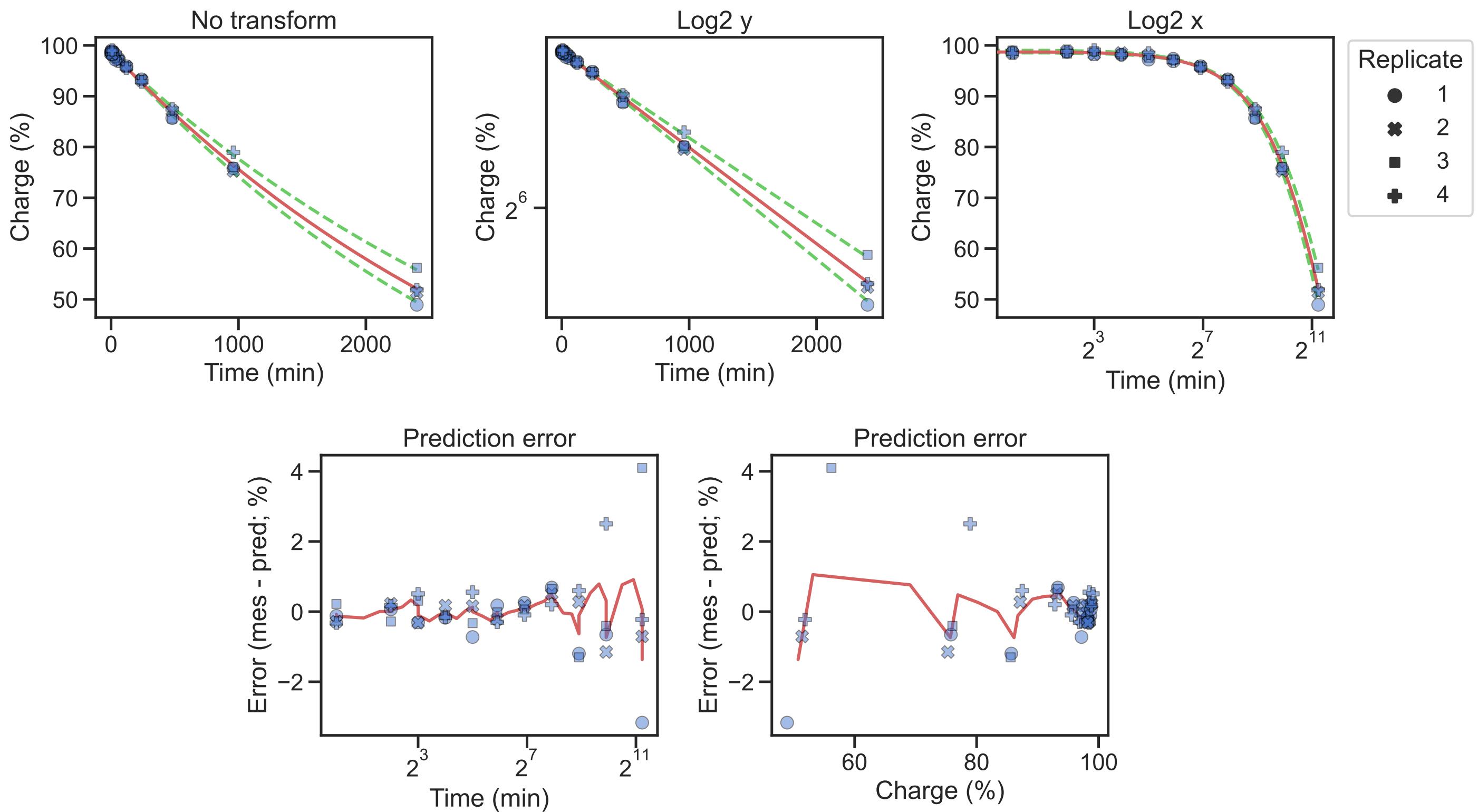
Val-AAC-1-1 half-life=2007 min, 95% CI (1849; 2198)



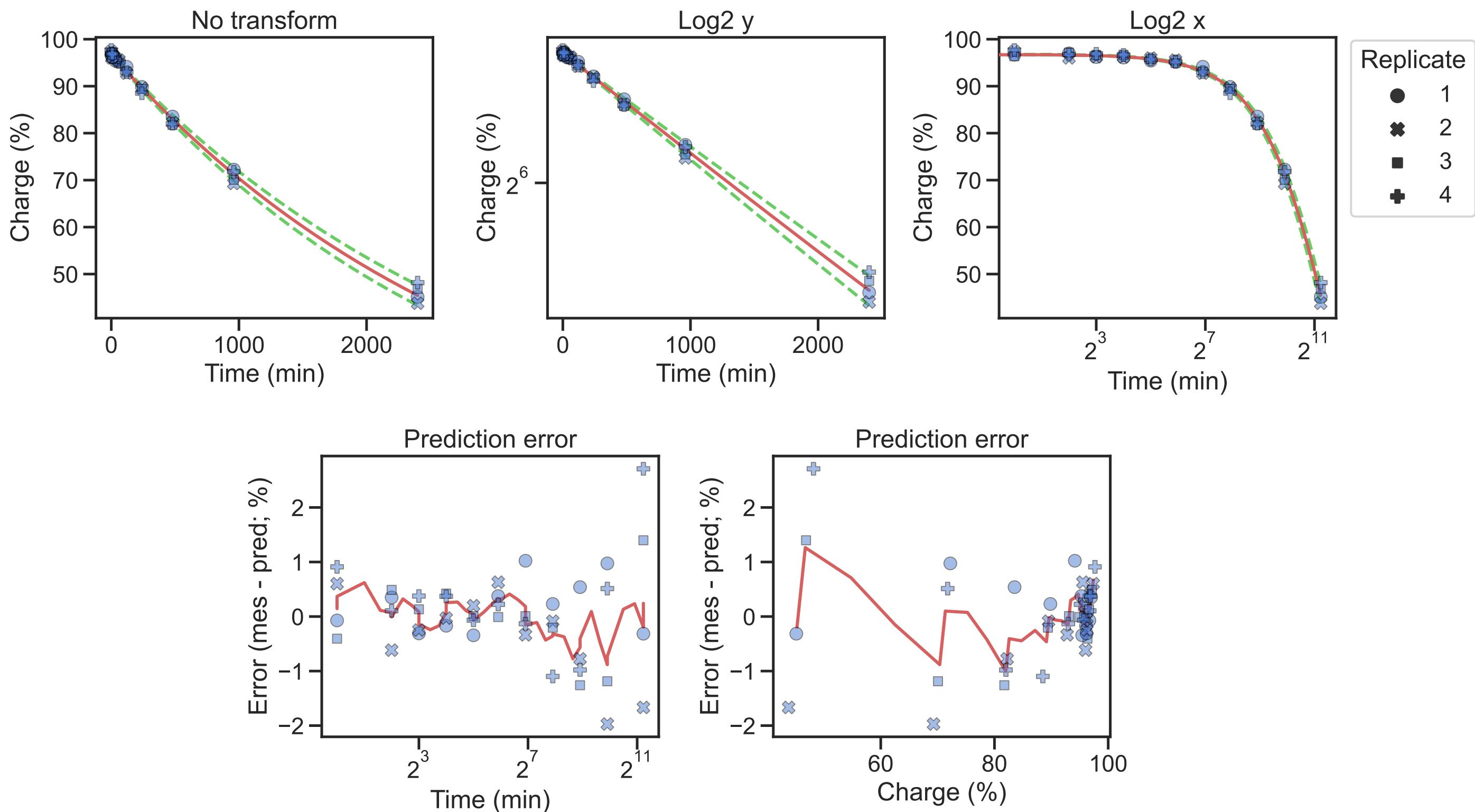
Val-AAC-2-1 half-life=2030 min, 95% CI (1891; 2204)



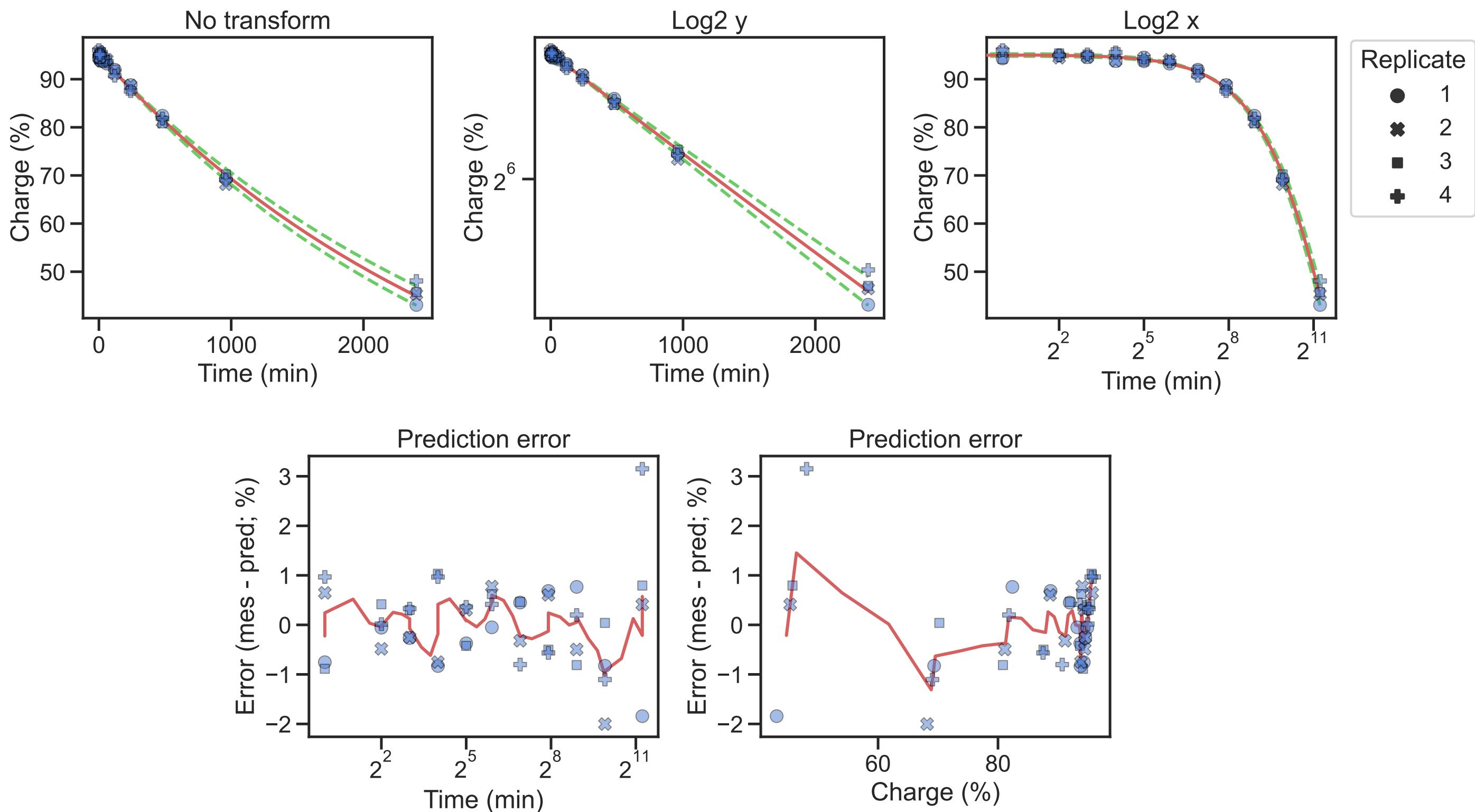
Val-AAC-3-1 half-life=2579 min, 95% CI (2393; 2824)



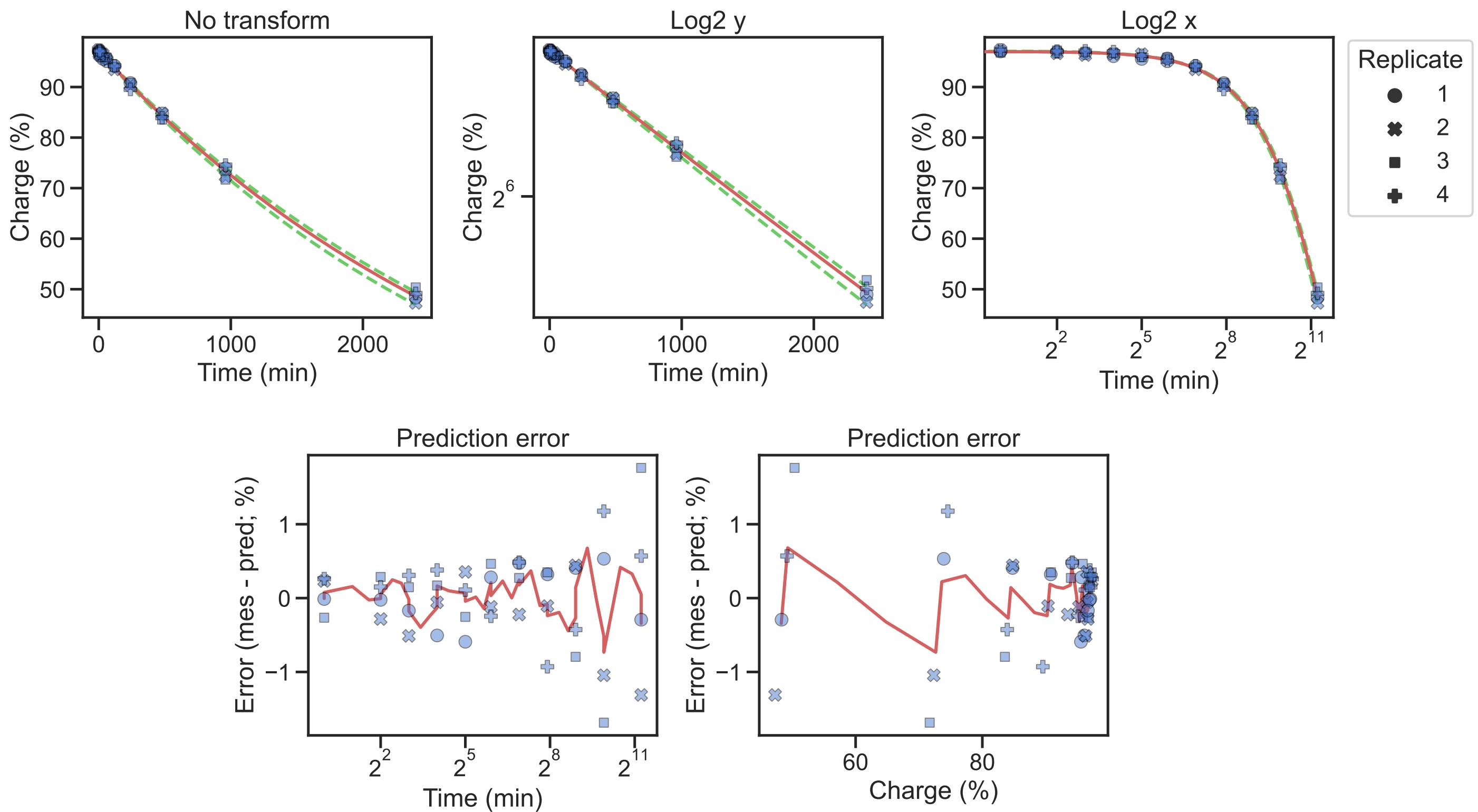
Val-CAC-1-1 half-life=2083 min, 95% CI (1956; 2223)



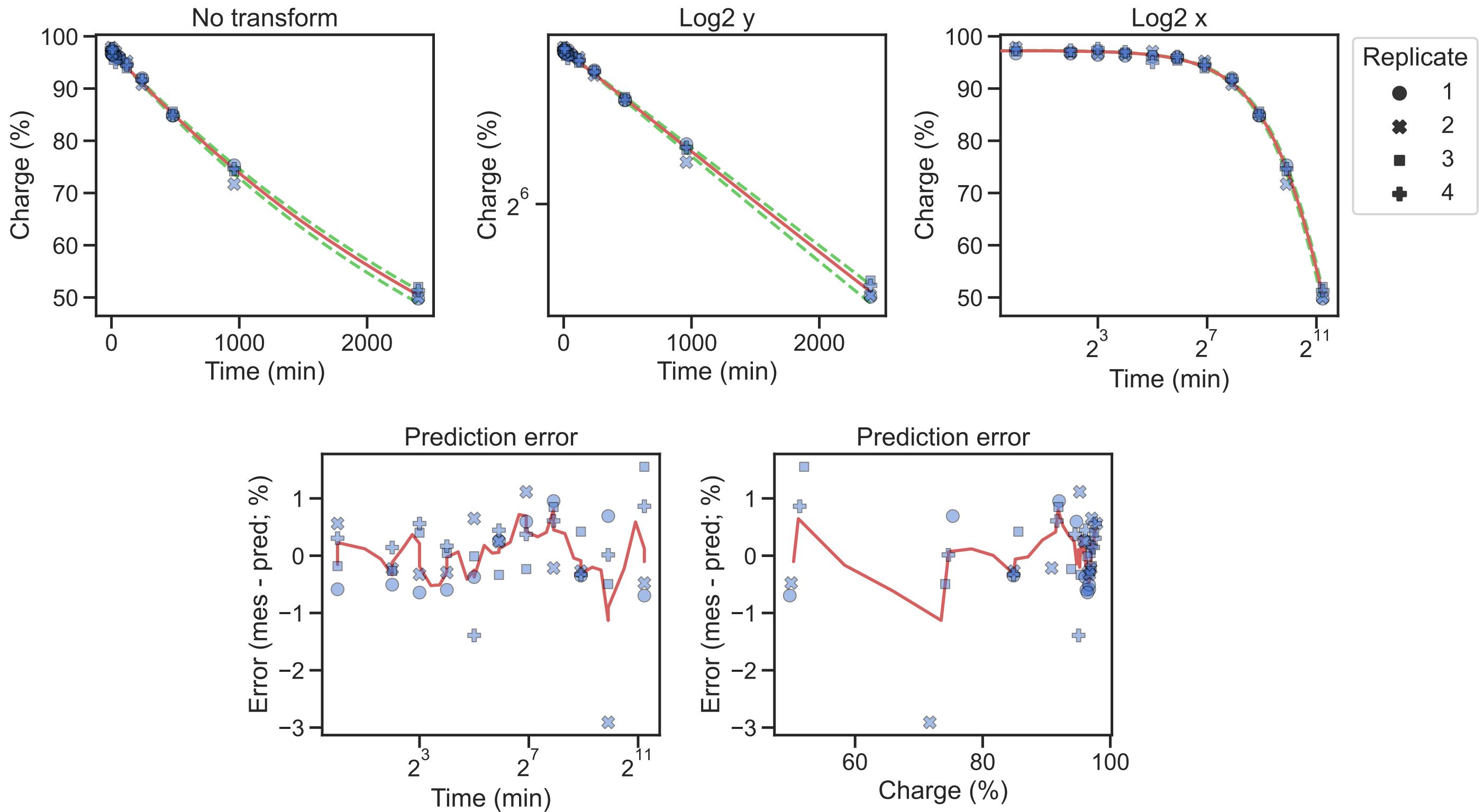
Val-CAC-2-1 half-life=2098 min, 95% CI (1972; 2245)



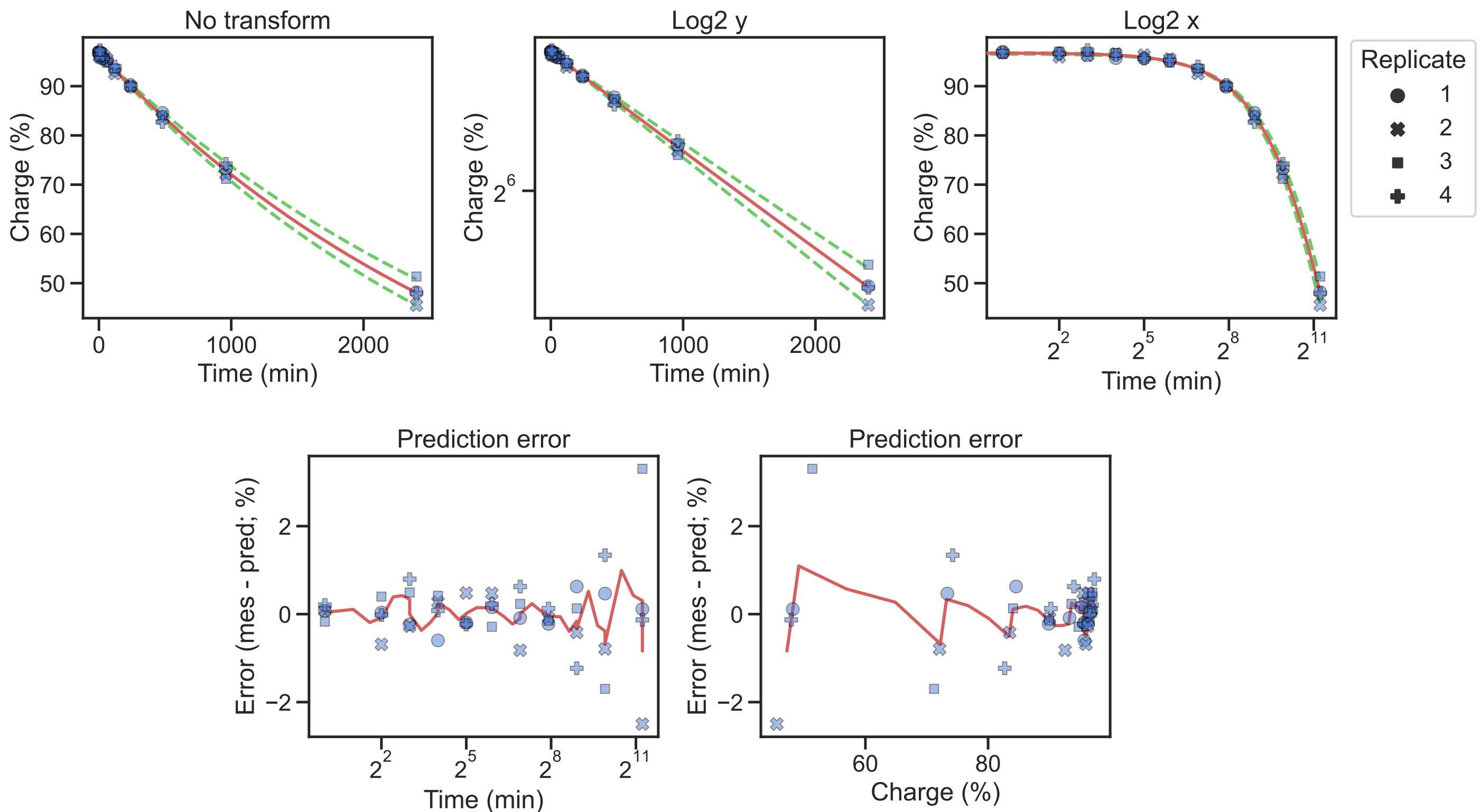
Val-CAC-3-1 half-life=2280 min, 95% CI (2165; 2465)



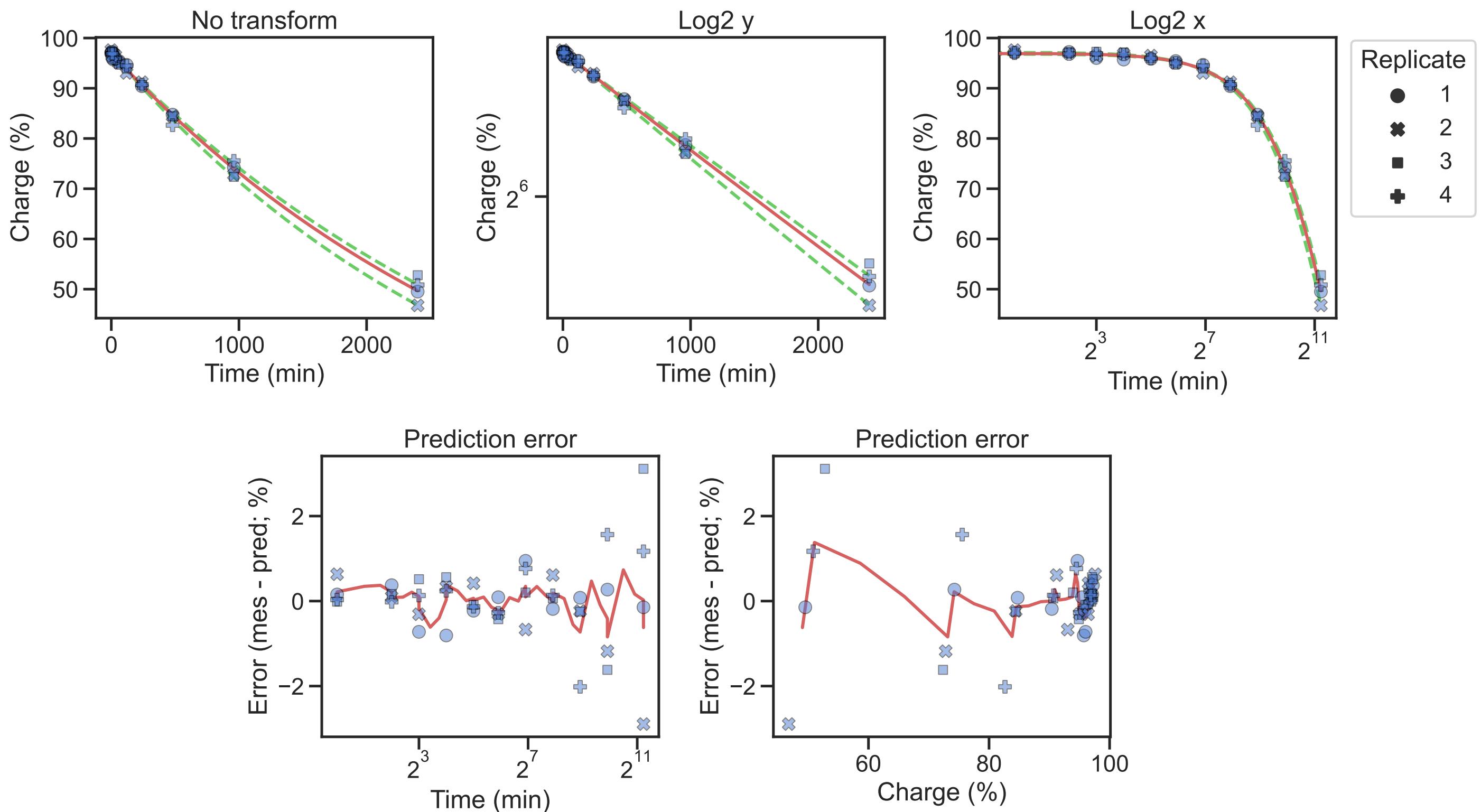
Val-CAC-4-1 half-life=2405 min, 95% CI (2292; 2609)



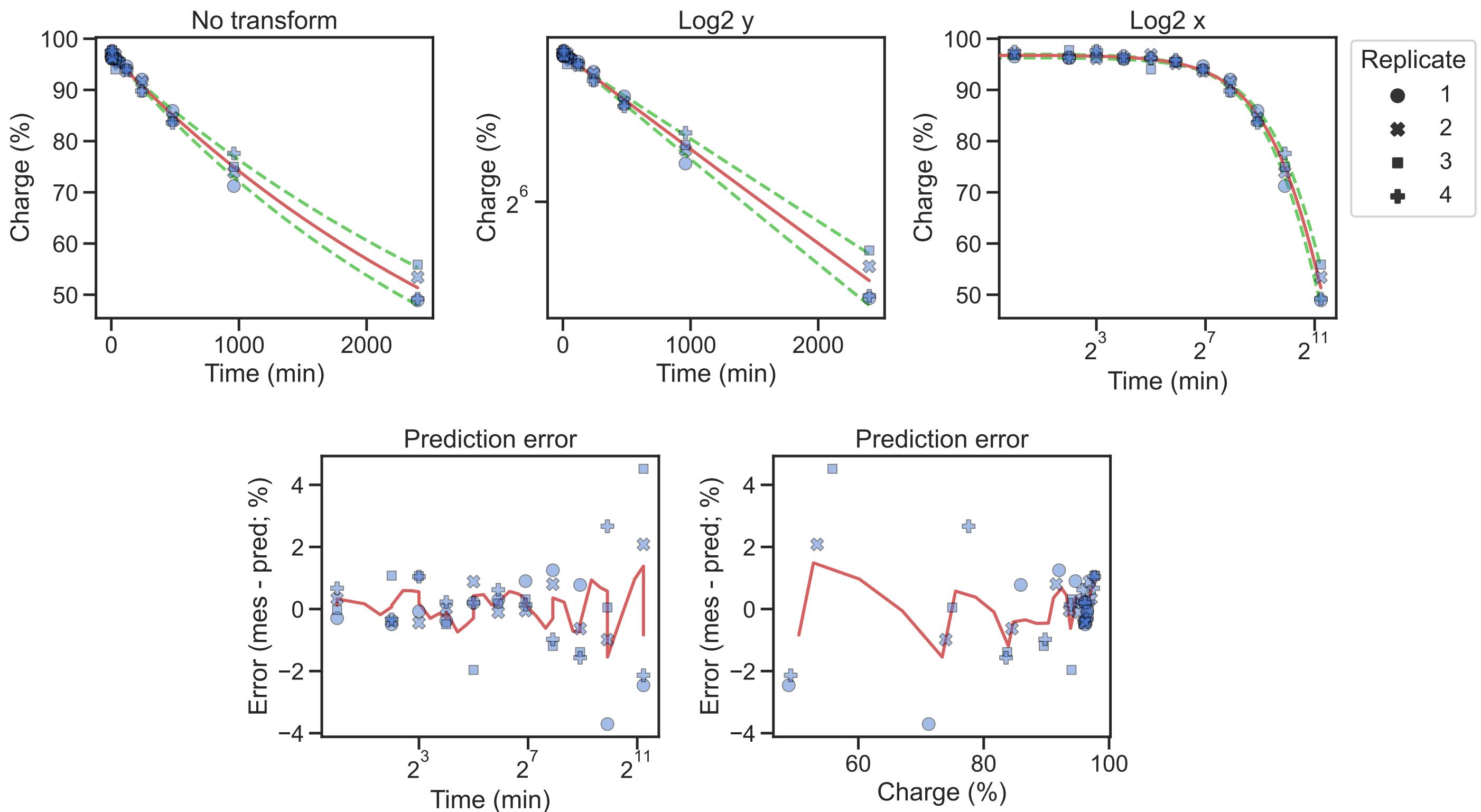
Val-TAC-1-1 half-life=2252 min, 95% CI (2191; 2460)



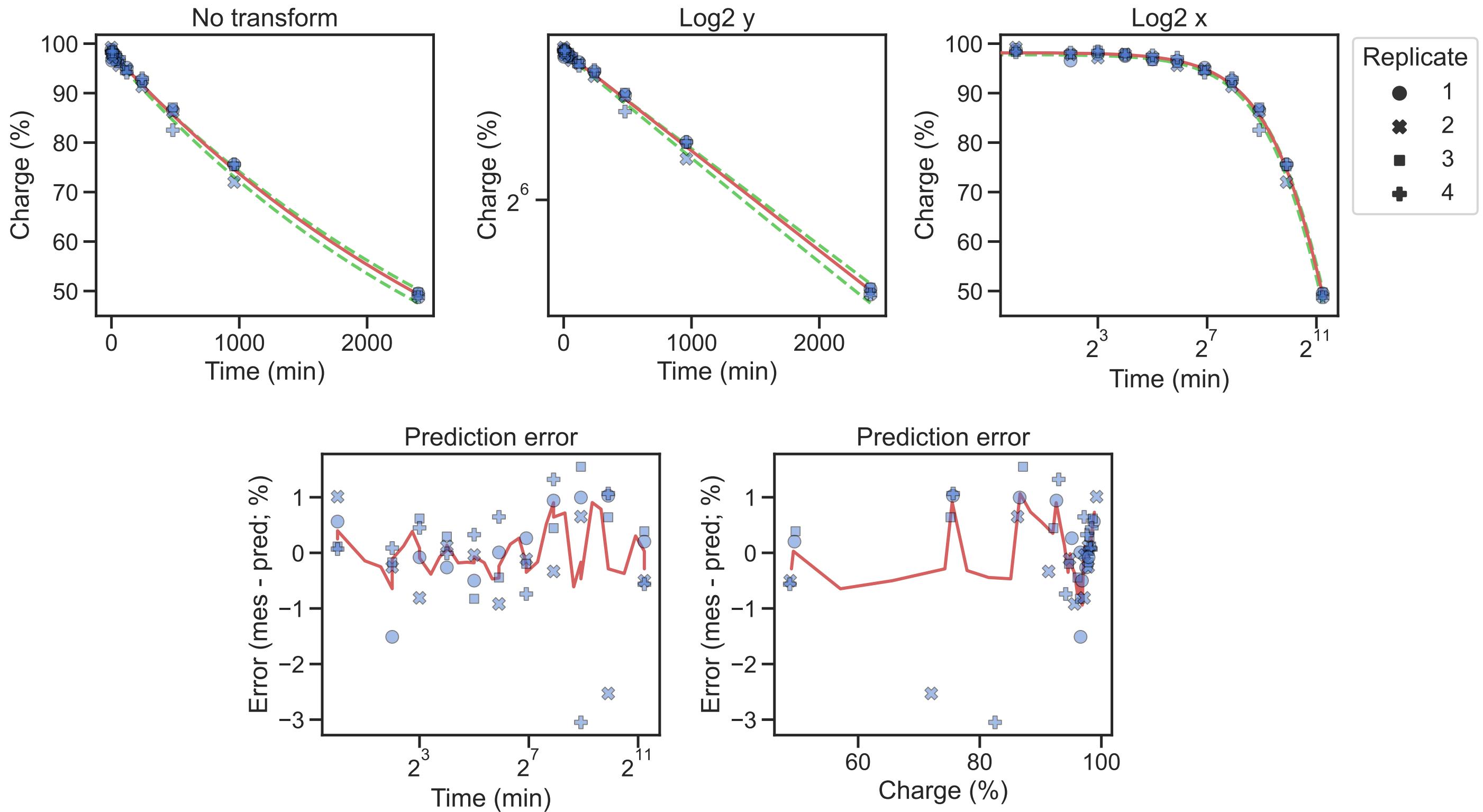
Val-TAC-2-1 half-life=2359 min, 95% CI (2157; 2591)



Val-TAC-3-1 half-life=2492 min, 95% CI (2234; 2856)



Val-TAC-4-1 half-life=2416 min, 95% CI (2185; 2498)



iMet-CAT-1-1 half-life=409 min, 95% CI (399; 423)

