Residuals for X12C_Lys_1
Fitted X Abundance: (67.577 +/− 3.019) %

Residuals for X12C_Lys_2
Fitted X Abundance: (71.618 +/− 1.827) %

Residuals for X12C_Lys_3
Fitted X Abundance: (67.124 +/− 3.202) %

Residuals for X12C_Glu_4

Fitted X Abundance: (67.051 +/− 3.244) %

Residuals for X12C_Glu_5

Fitted X Abundance: (67.559 +/− 3.410) %

Residuals for X12C_Glu_6

Fitted X Abundance: (67.156 +/− 3.170) %

Residuals for X12C_Lys_7

Fitted X Abundance: (67.153 +/− 3.198) %

Residuals for X12C_Lys_8

Fitted X Abundance: (67.112 +/− 3.159) %

Residuals for X12C_Lys_9

Fitted X Abundance: (67.201 +/− 3.171) %

Residuals for X13C_Lys_10

Fitted X Abundance: (67.455 +/− 3.166) %

Residuals for X13C_Lys_11

Fitted X Abundance: (67.235 +/− 3.197) %

Residuals for X13C_Lys_12

Fitted X Abundance: (67.607 +/− 2.819) %

Residuals for X12C_Glu_13

Fitted X Abundance: (66.633 +/− 3.126) %

Residuals for X12C_Glu_14

Fitted X Abundance: (67.071 +/− 3.124) %

Residuals for X12C_Glu_15

Fitted X Abundance: (66.279 +/− 3.237) %

Residuals for X13C_Glu_16
Fitted X Abundance: (67.324 +/− 3.085) %

Residuals for X13C_Glu_17
Fitted X Abundance: (66.463 +/− 3.123) %

Residuals for X13C_Glu_18
Fitted X Abundance: (66.947 +/− 3.187) %

Residuals for X12C_Lys_19
Fitted X Abundance: (67.073 +/− 3.245) %

Residuals for X12C_Lys_20
Fitted X Abundance: (66.911 +/− 3.120) %

Residuals for X12C_Lys_21
Fitted X Abundance: (67.414 +/− 3.117) %

Residuals for X13C_Lys_22

Fitted X Abundance: (67.579 +/− 3.136) %

Residuals for X13C_Lys_23

Fitted X Abundance: (67.645 +/− 2.677) %

Residuals for X13C_Lys_24

Fitted X Abundance: (67.428 +/− 3.264) %

Residuals for X12C_Glu_25
Fitted X Abundance: (66.881 +/− 2.941) %

Residuals for X12C_Glu_26
Fitted X Abundance: (66.992 +/− 3.216) %

Residuals for X12C_Glu_27
Fitted X Abundance: (67.028 +/− 3.030) %

Residuals for X13C_Glu_28
Fitted X Abundance: (67.140 +/− 3.135) %

Residuals for X13C_Glu_29
Fitted X Abundance: (67.051 +/− 3.132) %

Residuals for X13C_Glu_30
Fitted X Abundance: (67.242 +/− 3.158) %

Residuals for X12C_Lys_31
Fitted X Abundance: (66.943 +/− 3.066) %

Residuals for X12C_Lys_32
Fitted X Abundance: (67.249 +/− 3.231) %

Residuals for X12C_Lys_33
Fitted X Abundance: (71.121 +/− 1.476) %

Residuals for X13C_Lys_34

Fitted X Abundance: (67.781 +/− 2.490) %

Residuals for X13C_Lys_35

Fitted X Abundance: (67.636 +/− 2.302) %

Residuals for X13C_Lys_36

Fitted X Abundance: (67.738 +/− 3.045) %

Residuals for X12C_Glu_37
Fitted X Abundance: (66.878 +/− 3.234) %

Residuals for X12C_Glu_38
Fitted X Abundance: (66.982 +/− 3.138) %

Residuals for X12C_Glu_39
Fitted X Abundance: (66.974 +/− 3.108) %

Residuals for X13C_Glu_40

Fitted X Abundance: (66.709 +/− 3.248) %

Residuals for X13C_Glu_41

Fitted X Abundance: (66.724 +/− 3.218) %

Residuals for X13C_Glu_42

Fitted X Abundance: (67.230 +/− 3.020) %

Residuals for X12C_Lys_1

Fitted X Abundance: (65.937 +/− 1.712) %

Residuals for X12C_Lys_2

Fitted X Abundance: (65.936 +/− 1.690) %

Residuals for X12C_Lys_3

Fitted X Abundance: (65.658 +/− 9.285) %

Residuals for X12C_Glu_4
Fitted X Abundance: (63.570 +/− 2.379) %

Residuals for X12C_Glu_5
Fitted X Abundance: (64.799 +/− 33.672) %

Residuals for X12C_Glu_6
Fitted X Abundance: (63.375 +/− 3.053) %

Residuals for X12C_Lys_7

Fitted X Abundance: (64.408 +/− 7.044) %

Residuals for X12C_Lys_8

Fitted X Abundance: (65.051 +/− 10.465) %

Residuals for X12C_Lys_9

Fitted X Abundance: (65.193 +/− 13.100) %

Residuals for X13C_Lys_10

Fitted X Abundance: (65.944 +/− 1.723) %

Residuals for X13C_Lys_11

Fitted X Abundance: (65.728 +/− 9.746) %

Residuals for X13C_Lys_12

Fitted X Abundance: (64.756 +/− 6.720) %

Residuals for X12C_Glu_13

Fitted X Abundance: (61.969 +/− 4.420) %

Residuals for X12C_Glu_14

Fitted X Abundance: (61.928 +/− 3.428) %

Residuals for X12C_Glu_15

Fitted X Abundance: (43.237 +/− 3.536) %

Residuals for X13C_Glu_16

Fitted X Abundance: (63.549 +/− 2.569) %

Residuals for X13C_Glu_17

Fitted X Abundance: (43.626 +/− 3.711) %

Residuals for X13C_Glu_18

Fitted X Abundance: (62.309 +/− 4.893) %

Residuals for X12C_Lys_19
Fitted X Abundance: (65.534 +/− 13.347) %

Residuals for X12C_Lys_20
Fitted X Abundance: (65.935 +/− 2.488) %

Residuals for X12C_Lys_21
Fitted X Abundance: (65.961 +/− 2.326) %

Residuals for X13C_Lys_22
Fitted X Abundance: (65.961 +/− 2.169) %

Residuals for X13C_Lys_23
Fitted X Abundance: (65.939 +/− 2.182) %

Residuals for X13C_Lys_24
Fitted X Abundance: (65.942 +/− 2.290) %

Residuals for X12C_Glu_25
Fitted X Abundance: (43.177 +/− 2.186) %

Residuals for X12C_Glu_26
Fitted X Abundance: (62.440 +/− 3.372) %

Residuals for X12C_Glu_27
Fitted X Abundance: (62.327 +/− 4.675) %

Residuals for X13C_Glu_28
Fitted X Abundance: (63.469 +/− 2.407) %

Residuals for X13C_Glu_29
Fitted X Abundance: (62.639 +/− 3.197) %

Residuals for X13C_Glu_30
Fitted X Abundance: (63.536 +/− 2.410) %

Residuals for X12C_Lys_31
Fitted X Abundance: (64.598 +/− 7.761) %

Residuals for X12C_Lys_32
Fitted X Abundance: (65.960 +/− 2.896) %

Residuals for X12C_Lys_33
Fitted X Abundance: (65.931 +/− 2.387) %

Residuals for X13C_Lys_34

Fitted X Abundance: (65.957 +/− 2.985) %

Residuals for X13C_Lys_35

Fitted X Abundance: (65.960 +/− 2.612) %

Residuals for X13C_Lys_36

Fitted X Abundance: (65.960 +/− 2.641) %

Residuals for X12C_Glu_37

Fitted X Abundance: (62.941 +/− 2.899) %

Residuals for X12C_Glu_38

Fitted X Abundance: (61.960 +/− 3.584) %

Residuals for X12C_Glu_39

Fitted X Abundance: (62.264 +/− 2.728) %

Residuals for X13C_Glu_40
Fitted X Abundance: (62.465 +/− 4.539) %

Residuals for X13C_Glu_41
Fitted X Abundance: (61.928 +/− 3.449) %

Residuals for X13C_Glu_42
Fitted X Abundance: (63.816 +/− 2.134) %

Residuals for X12C_Lys_1

Fitted X Abundance: (63.714 +/− 3.128) %

Residuals for X12C_Lys_2

Fitted X Abundance: (63.916 +/− 3.109) %

Residuals for X12C_Lys_3

Fitted X Abundance: (63.757 +/− 3.301) %

Residuals for X12C_Glu_4
Fitted X Abundance: (55.927 +/− 3.010) %

Residuals for X12C_Glu_5
Fitted X Abundance: (61.959 +/− 10.803) %

Residuals for X12C_Glu_6
Fitted X Abundance: (52.402 +/− 2.738) %

Residuals for X12C_Lys_7
Fitted X Abundance: (62.277 +/− 3.485) %

Residuals for X12C_Lys_8
Fitted X Abundance: (63.295 +/− 4.082) %

Residuals for X12C_Lys_9
Fitted X Abundance: (63.698 +/− 4.429) %

Residuals for X13C_Lys_10

Fitted X Abundance: (63.684 +/− 3.261) %

Residuals for X13C_Lys_11

Fitted X Abundance: (63.720 +/− 2.699) %

Residuals for X13C_Lys_12

Fitted X Abundance: (63.209 +/− 2.887) %

Residuals for X12C_Glu_13

Fitted X Abundance: (50.145 +/− 1.784) %

Residuals for X12C_Glu_14

Fitted X Abundance: (51.927 +/− 1.768) %

Residuals for X12C_Glu_15

Fitted X Abundance: (49.038 +/− 1.708) %

Residuals for X13C_Glu_16
Fitted X Abundance: (55.927 +/− 3.192) %

Residuals for X13C_Glu_17
Fitted X Abundance: (50.916 +/− 1.484) %

Residuals for X13C_Glu_18
Fitted X Abundance: (50.426 +/− 1.677) %

Residuals for X12C_Lys_19
Fitted X Abundance: (63.704 +/− 2.780) %

Residuals for X12C_Lys_20
Fitted X Abundance: (63.800 +/− 2.961) %

Residuals for X12C_Lys_21
Fitted X Abundance: (64.554 +/− 17.296) %

Residuals for X13C_Lys_22
Fitted X Abundance: (64.273 +/− 14.175) %

Residuals for X13C_Lys_23
Fitted X Abundance: (63.854 +/− 2.503) %

Residuals for X13C_Lys_24
Fitted X Abundance: (64.340 +/− 11.408) %

Residuals for X12C_Glu_25
Fitted X Abundance: (49.018 +/− 1.511) %

Residuals for X12C_Glu_26
Fitted X Abundance: (52.219 +/− 2.172) %

Residuals for X12C_Glu_27
Fitted X Abundance: (50.007 +/− 1.866) %

Residuals for X13C_Glu_28
Fitted X Abundance: (57.927 +/− 2.897) %

Residuals for X13C_Glu_29
Fitted X Abundance: (53.927 +/− 3.307) %

Residuals for X13C_Glu_30
Fitted X Abundance: (59.645 +/− 2.702) %

Residuals for X12C_Lys_31
Fitted X Abundance: (61.928 +/− 3.938) %

Residuals for X12C_Lys_32
Fitted X Abundance: (64.243 +/− 18.786) %

Residuals for X12C_Lys_33
Fitted X Abundance: (64.449 +/− 17.326) %

Residuals for X13C_Lys_34
Fitted X Abundance: (64.220 +/− 15.288) %

Residuals for X13C_Lys_35
Fitted X Abundance: (64.300 +/− 16.406) %

Residuals for X13C_Lys_36
Fitted X Abundance: (65.357 +/− 27.836) %

Residuals for X12C_Glu_37

Fitted X Abundance: (53.927 +/− 2.625) %

Residuals for X12C_Glu_38

Fitted X Abundance: (52.678 +/− 2.254) %

Residuals for X12C_Glu_39

Fitted X Abundance: (53.927 +/− 2.671) %

Residuals for X13C_Glu_40

Fitted X Abundance: (51.927 +/− 1.763) %

Residuals for X13C_Glu_41

Fitted X Abundance: (52.582 +/− 2.159) %

Residuals for X13C_Glu_42

Fitted X Abundance: (61.319 +/− 2.892) %

Residuals for X12C_Lys_1
Fitted X Abundance: (61.420 +/− 1.314) %

Residuals for X12C_Lys_2
Fitted X Abundance: (59.544 +/− 2.308) %

Residuals for X12C_Lys_3
Fitted X Abundance: (64.579 +/− 2.007) %

Residuals for X12C_Glu_4

Fitted X Abundance: (60.855 +/− 1.475) %

Residuals for X12C_Glu_5

Fitted X Abundance: (69.601 +/− 2.205) %

Residuals for X12C_Glu_6

Fitted X Abundance: (69.245 +/− 0.765) %

Residuals for X12C_Lys_7
Fitted X Abundance: (65.350 +/− 1.986) %

Residuals for X12C_Lys_8
Fitted X Abundance: (66.174 +/− 1.841) %

Residuals for X12C_Lys_9
Fitted X Abundance: (65.871 +/− 2.094) %

Residuals for X13C_Lys_10

Fitted X Abundance: (62.305 +/− 2.103) %

Residuals for X13C_Lys_11

Fitted X Abundance: (64.530 +/− 2.191) %

Residuals for X13C_Lys_12

Fitted X Abundance: (66.418 +/− 1.788) %

Residuals for X12C_Glu_13

Fitted X Abundance: (70.518 +/− 0.813) %

Residuals for X12C_Glu_14

Fitted X Abundance: (69.969 +/− 0.721) %

Residuals for X12C_Glu_15

Fitted X Abundance: (70.532 +/− 0.926) %

Residuals for X13C_Glu_16
Fitted X Abundance: (69.933 +/− 0.737) %

Residuals for X13C_Glu_17
Fitted X Abundance: (71.533 +/− 0.649) %

Residuals for X13C_Glu_18
Fitted X Abundance: (69.964 +/− 0.684) %

Residuals for X12C_Lys_19

Fitted X Abundance: (65.688 +/− 2.643) %

Residuals for X12C_Lys_20

Fitted X Abundance: (64.916 +/− 2.112) %

Residuals for X12C_Lys_21

Fitted X Abundance: (60.785 +/− 2.080) %

Residuals for X13C_Lys_22

Fitted X Abundance: (60.610 +/− 2.178) %

Residuals for X13C_Lys_23

Fitted X Abundance: (64.694 +/− 2.479) %

Residuals for X13C_Lys_24

Fitted X Abundance: (63.970 +/− 2.925) %

Residuals for X13C_Glu_28
Fitted X Abundance: (69.942 +/− 0.721) %

Residuals for X13C_Glu_29
Fitted X Abundance: (69.963 +/− 0.754) %

Residuals for X13C_Glu_30
Fitted X Abundance: (68.943 +/− 0.880) %

Residuals for X12C_Lys_31
Fitted X Abundance: (70.793 +/− 1.244) %

Residuals for X12C_Lys_32
Fitted X Abundance: (59.565 +/− 2.736) %

Residuals for X12C_Lys_33
Fitted X Abundance: (60.065 +/− 2.566) %

Residuals for X13C_Lys_34
Fitted X Abundance: (60.207 +/− 2.554) %

Residuals for X13C_Lys_35
Fitted X Abundance: (60.502 +/− 2.691) %

Residuals for X13C_Lys_36
Fitted X Abundance: (59.364 +/− 2.403) %

Residuals for X12C_Glu_37

Fitted X Abundance: (69.998 +/− 0.726) %

Residuals for X12C_Glu_38

Fitted X Abundance: (69.987 +/− 0.620) %

Residuals for X12C_Glu_39

Fitted X Abundance: (69.961 +/− 0.770) %

Residuals for X13C_Glu_40

Fitted X Abundance: (70.479 +/− 0.803) %

Residuals for X13C_Glu_41

Fitted X Abundance: (69.976 +/− 0.667) %

Residuals for X13C_Glu_42

Fitted X Abundance: (67.500 +/− 0.909) %

Residuals for X12C_Lys_1

Fitted X Abundance: (60.832 +/− 1.152) %

Residuals for X12C_Lys_2

Fitted X Abundance: (59.545 +/− 1.301) %

Residuals for X12C_Lys_3

Fitted X Abundance: (59.545 +/− 1.230) %

Residuals for X12C_Glu_4

Fitted X Abundance: (66.164 +/− 2.273) %

Residuals for X12C_Glu_5

Fitted X Abundance: (10.661 +/− 2.026) %

Residuals for X12C_Glu_6

Fitted X Abundance: (67.033 +/− 2.401) %

Residuals for X12C_Lys_7
Fitted X Abundance: (59.400 +/− 0.862) %

Residuals for X12C_Lys_8
Fitted X Abundance: (59.545 +/− 1.344) %

Residuals for X12C_Lys_9
Fitted X Abundance: (59.505 +/− 1.002) %

Residuals for X13C_Lys_10
Fitted X Abundance: (59.587 +/− 1.363) %

Residuals for X13C_Lys_11
Fitted X Abundance: (59.320 +/− 0.931) %

Residuals for X13C_Lys_12
Fitted X Abundance: (61.081 +/− 1.284) %

Residuals for X12C_Glu_13

Fitted X Abundance: (63.952 +/− 3.092) %

Residuals for X12C_Glu_14

Fitted X Abundance: (66.483 +/− 2.233) %

Residuals for X12C_Glu_15

Fitted X Abundance: (65.659 +/− 2.850) %

Residuals for X13C_Glu_16
Fitted X Abundance: (66.205 +/− 2.100) %

Residuals for X13C_Glu_17
Fitted X Abundance: (61.065 +/− 2.762) %

Residuals for X13C_Glu_18
Fitted X Abundance: (68.127 +/− 1.540) %

Residuals for X12C_Lys_19
Fitted X Abundance: (58.545 +/− 1.093) %

Residuals for X12C_Lys_20
Fitted X Abundance: (61.109 +/− 1.398) %

Residuals for X12C_Lys_21
Fitted X Abundance: (61.178 +/− 1.452) %

Residuals for X13C_Lys_22
Fitted X Abundance: (61.141 +/− 1.450) %

Residuals for X13C_Lys_23
Fitted X Abundance: (61.111 +/− 1.510) %

Residuals for X13C_Lys_24
Fitted X Abundance: (61.131 +/− 1.605) %

Residuals for X12C_Glu_25

Fitted X Abundance: (49.942 +/− 1.896) %

Residuals for X12C_Glu_26

Fitted X Abundance: (64.050 +/− 2.734) %

Residuals for X12C_Glu_27

Fitted X Abundance: (66.785 +/− 2.121) %

Residuals for X13C_Glu_28

Fitted X Abundance: (65.750 +/− 1.958) %

Residuals for X13C_Glu_29

Fitted X Abundance: (66.224 +/− 2.427) %

Residuals for X13C_Glu_30

Fitted X Abundance: (67.596 +/− 1.227) %

Residuals for X12C_Lys_31
Fitted X Abundance: (59.240 +/− 0.950) %

Residuals for X12C_Lys_32
Fitted X Abundance: (61.180 +/− 1.523) %

Residuals for X12C_Lys_33
Fitted X Abundance: (61.156 +/− 1.518) %

Residuals for X13C_Lys_34
Fitted X Abundance: (61.160 +/− 1.626) %

Residuals for X13C_Lys_35
Fitted X Abundance: (61.152 +/− 1.614) %

Residuals for X13C_Lys_36
Fitted X Abundance: (58.575 +/− 1.225) %

Residuals for X12C_Glu_37
Fitted X Abundance: (63.391 +/− 2.556) %

Residuals for X12C_Glu_38
Fitted X Abundance: (64.576 +/− 2.341) %

Residuals for X12C_Glu_39
Fitted X Abundance: (65.638 +/− 2.012) %

Residuals for X13C_Glu_40
Fitted X Abundance: (65.785 +/− 1.977) %

Residuals for X13C_Glu_41
Fitted X Abundance: (64.791 +/− 2.320) %

Residuals for X13C_Glu_42
Fitted X Abundance: (66.158 +/− 1.811) %

Residuals for X12C_Lys_1
Fitted X Abundance: (61.407 +/− 9.320) %

Residuals for X12C_Lys_2
Fitted X Abundance: (61.410 +/− 8.541) %

Residuals for X12C_Lys_3
Fitted X Abundance: (61.412 +/− 8.224) %

Residuals for X12C_Lys_7

Fitted X Abundance: (61.412 +/− 7.500) %

Residuals for X12C_Lys_8

Fitted X Abundance: (61.357 +/− 8.375) %

Residuals for X12C_Lys_9

Fitted X Abundance: (61.276 +/− 10.111) %

Residuals for X13C_Lys_10
Fitted X Abundance: (61.408 +/− 7.375) %

Residuals for X13C_Lys_11
Fitted X Abundance: (61.417 +/− 7.695) %

Residuals for X13C_Lys_12
Fitted X Abundance: (61.419 +/− 7.624) %

Residuals for X12C_Glu_13
Fitted X Abundance: (12.761 +/− 3.675) %

Residuals for X12C_Glu_14
Fitted X Abundance: (13.683 +/− 2.901) %

Residuals for X12C_Glu_15
Fitted X Abundance: (13.637 +/− 2.519) %

Residuals for X13C_Glu_16

Fitted X Abundance: (13.681 +/− 2.885) %

Residuals for X13C_Glu_17

Fitted X Abundance: (12.897 +/− 3.225) %

Residuals for X13C_Glu_18

Fitted X Abundance: (13.170 +/− 3.073) %

Residuals for X12C_Lys_19
Fitted X Abundance: (61.450 +/− 7.338) %

Residuals for X12C_Lys_20
Fitted X Abundance: (61.449 +/− 7.334) %

Residuals for X12C_Lys_21
Fitted X Abundance: (61.448 +/− 7.587) %

Residuals for X13C_Lys_22

Fitted X Abundance: (61.448 +/− 6.778) %

Residuals for X13C_Lys_23

Fitted X Abundance: (61.448 +/− 6.628) %

Residuals for X13C_Lys_24

Fitted X Abundance: (61.449 +/− 7.603) %

Residuals for X12C_Glu_25

Fitted X Abundance: (16.415 +/− 2.396) %

Residuals for X12C_Glu_26

Fitted X Abundance: (13.104 +/− 4.054) %

Residuals for X12C_Glu_27

Fitted X Abundance: (13.025 +/− 3.822) %

Residuals for X13C_Glu_28

Fitted X Abundance: (60.923 +/− 10.373) %

Residuals for X13C_Glu_29

Fitted X Abundance: (13.026 +/− 3.523) %

Residuals for X13C_Glu_30

Fitted X Abundance: (13.059 +/− 4.121) %

Residuals for X12C_Lys_31

Fitted X Abundance: (61.408 +/− 7.870) %

Residuals for X12C_Lys_32

Fitted X Abundance: (61.459 +/− 6.887) %

Residuals for X12C_Lys_33

Fitted X Abundance: (61.455 +/− 7.648) %

Residuals for X13C_Lys_34
Fitted X Abundance: (61.457 +/− 7.697) %

Residuals for X13C_Lys_35
Fitted X Abundance: (61.459 +/− 6.913) %

Residuals for X13C_Lys_36
Fitted X Abundance: (61.458 +/− 7.499) %

Residuals for X12C_Glu_37

Fitted X Abundance: (13.683 +/− 3.189) %

Residuals for X12C_Glu_38

Fitted X Abundance: (61.039 +/− 9.793) %

Residuals for X12C_Glu_39

Fitted X Abundance: (12.887 +/− 3.656) %

Residuals for X13C_Glu_40
Fitted X Abundance: (60.890 +/− 10.118) %

Residuals for X13C_Glu_41
Fitted X Abundance: (60.992 +/− 10.623) %

Residuals for X13C_Glu_42
Fitted X Abundance: (13.026 +/− 3.854) %