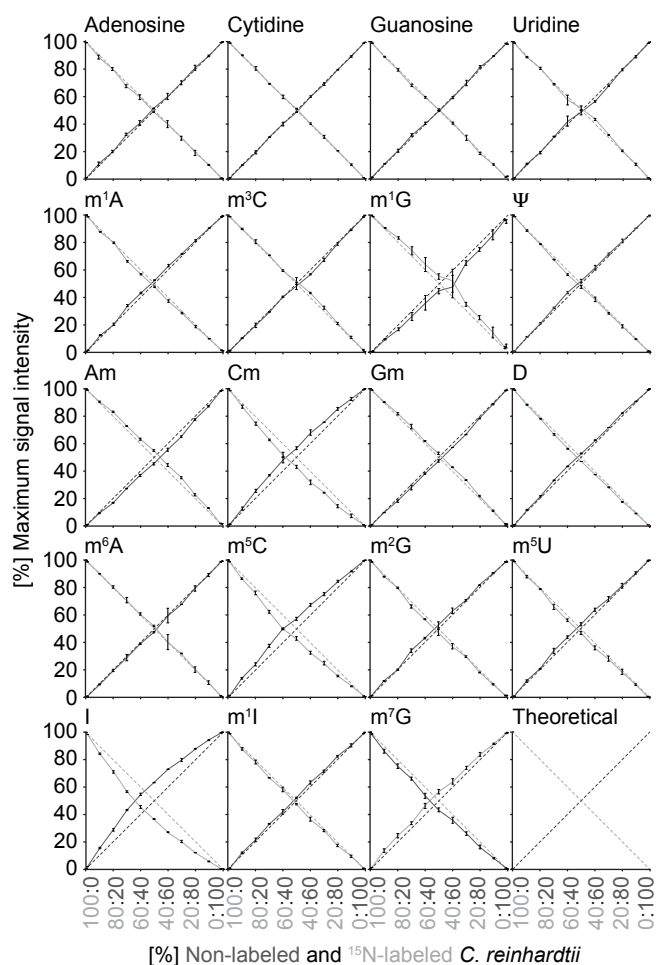
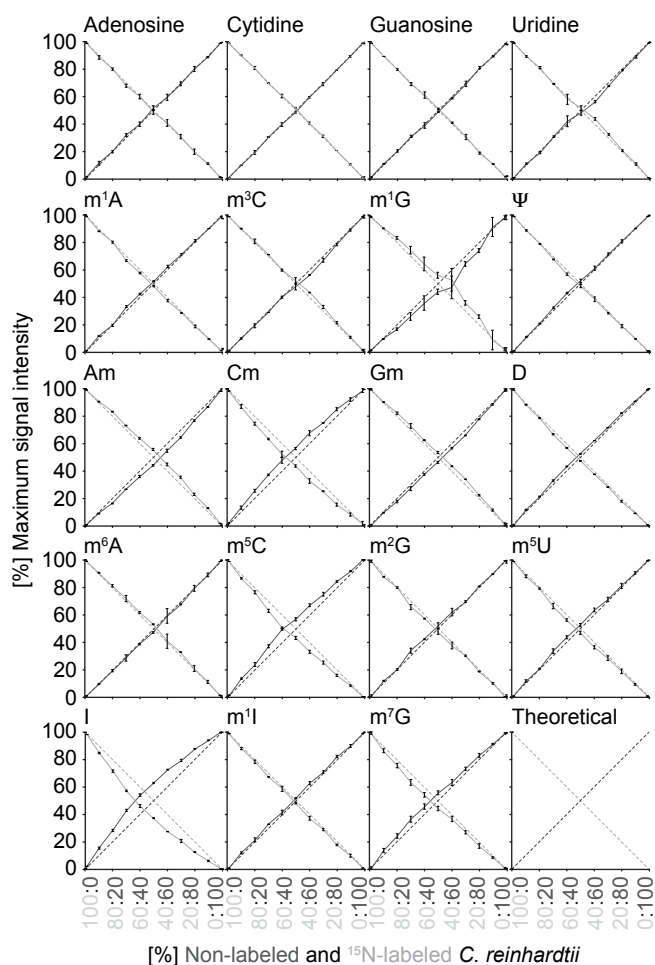


A. Manual quantification with Xcalibur™



B. Semi-automated quantification with pyQms



Supplemental Figure 2. Comparison between (A) manual and (B) semi-automated maximum peak intensity quantification of cross-diluted non-labeled and ^{15}N -labeled enzymatic digests of bulk tRNA isolated from *Chlamydomonas reinhardtii*. Cross-dilution plots ($n=3$) for 19 nucleosides where the maximum peak intensity for both the non-labeled (solid dark gray line) and ^{15}N -labeled (solid light gray line) isoform could be determined. The dotted lines represent the expected ratio of ^{15}N -labeled (light gray) vs. non-labeled (dark gray) material present in the sample (highlighted in panel “Theoretical”).