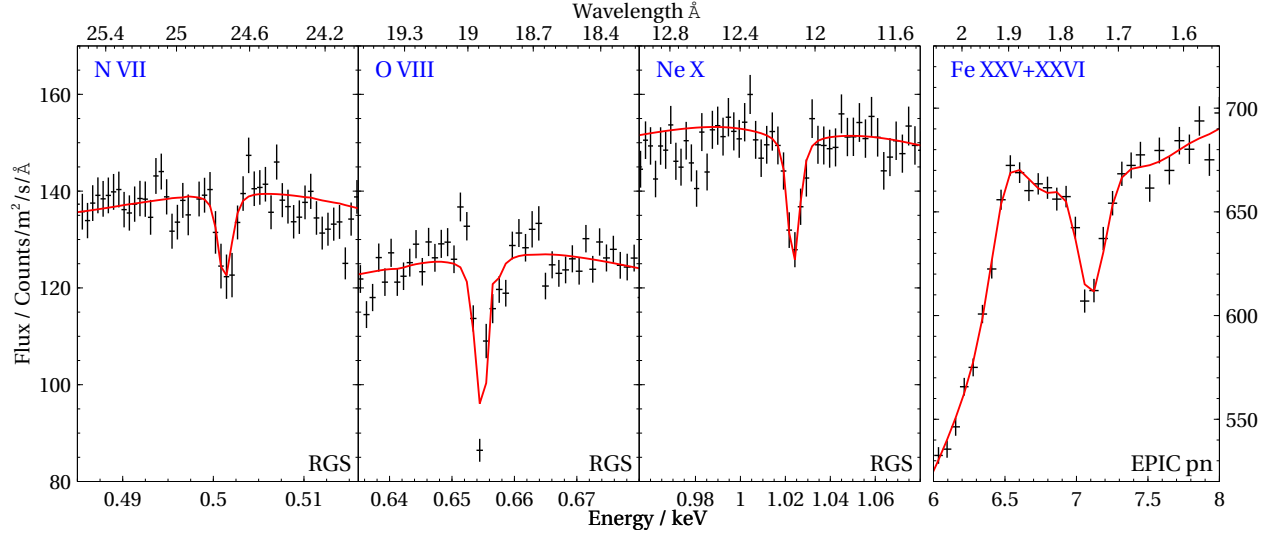
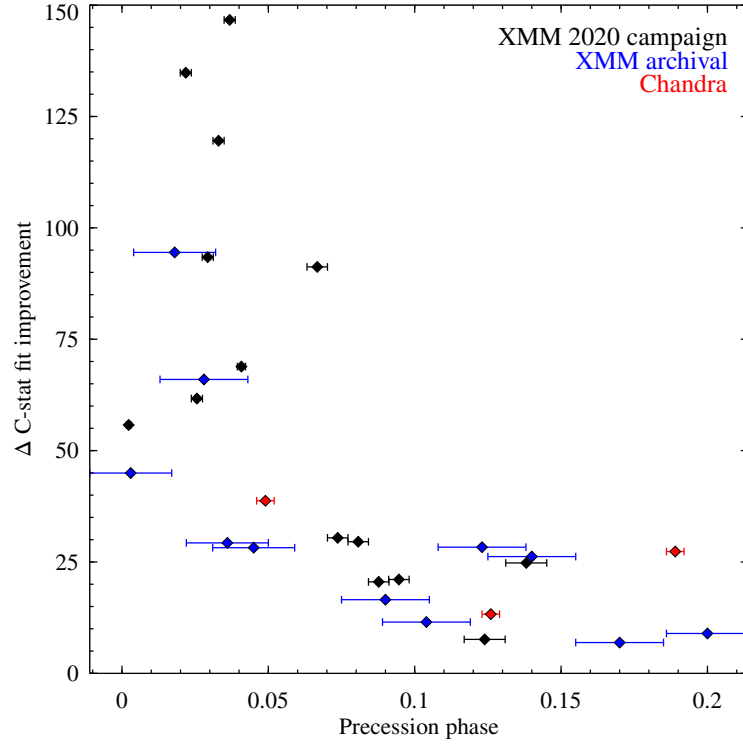

Vertical wind structure in an X-ray binary revealed by a precessing accretion disk

In the format provided by the
authors and unedited

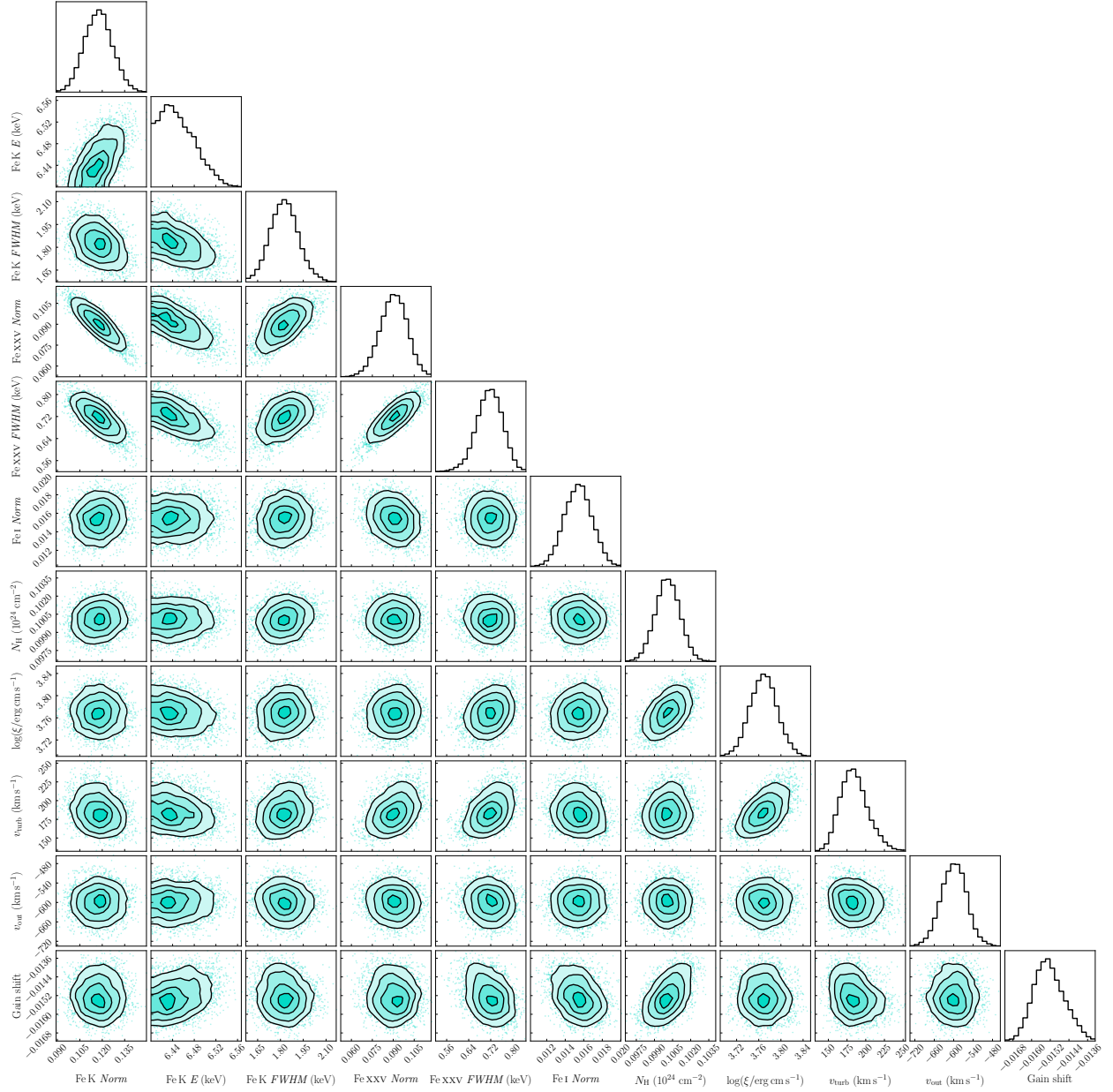
Supplementary Information



Supplementary Figure 1: *XMM-Newton* spectra from observation 0865440101. RGS (first 3 subpanels) and EPIC pn (right subpanel) spectra from observation 0865440101 (segments 2–6 stacked), fitted with the photoionized absorber model, focusing on the narrow energy bands around the strongest disk wind absorption lines of N VII, O VIII, Ne X and Fe XXV/XXVI. RGS 1 and 2 data are stacked for visual clarity. Error bars indicate 1σ confidence intervals.



Supplementary Figure 2: Statistical significance of outflow detection in each observation. The Δ C-stat fit statistics improvement upon adding the ionized absorber to the broadband continuum spectral fit. Error bars indicate 1σ confidence intervals.



Supplementary Figure 3: Parameter posterior plot of observation 0865440101. Corner plot showing 1- and 2-dimensional marginalized posterior distribution for a subset of the free parameters of the continuum + disk wind model, from observation 0865440101 (segments 2-6 stacked). The analysis includes 6 Fe K band emission line parameters, 4 disk wind parameters, and 1 gain shift parameter. The contours show 0.5, 1, 1.5 and 2σ confidence levels.