

Release Note: Update of the XIS normal mode calibration

New makepi files -> ae_xi?_makpi_20121009.fits

- Calibration of the charge transfer efficiency model (makepi) is updated including the latest observation of the Perseus cluster and E0102. The accuracy is same as that of the previous version.
 - The line center: < 0.1% at 6 keV / < 0.5% at 1 keV (see Fig.1).

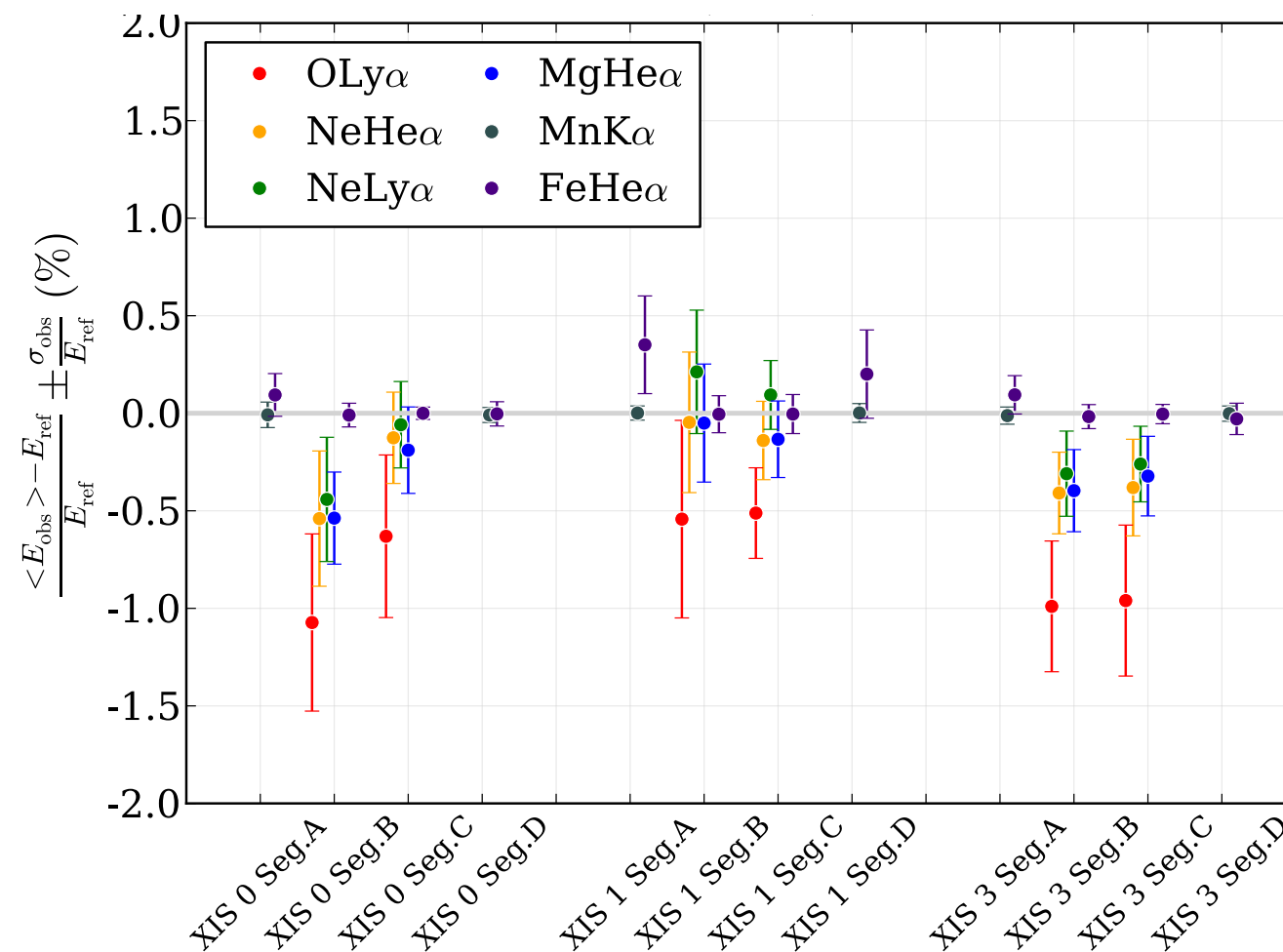


Fig.1: Accuracy of the line centers after calibration with the new makepi for each sensor and segment. The points and error bars indicate the mean value and standard deviation, respectively. The data of Fe xxv K α (purple), Mn I K α (dark green), Mg XI K α (blue), Ne X K α (green), Ne IX K α (dark green), and O VIII K α (red) are shown.