



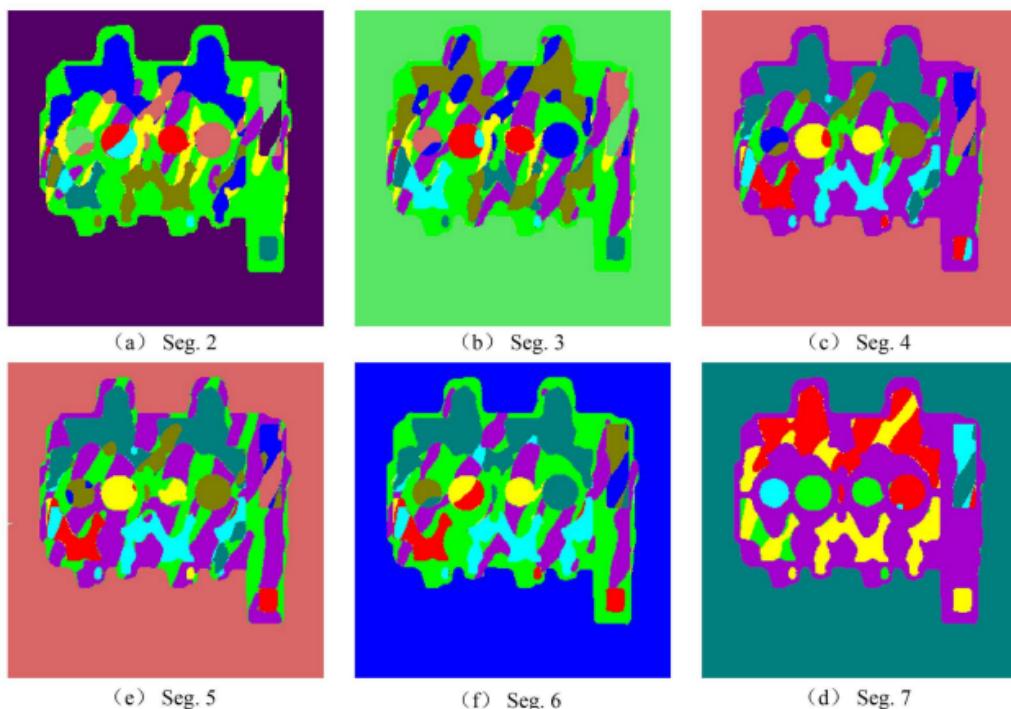
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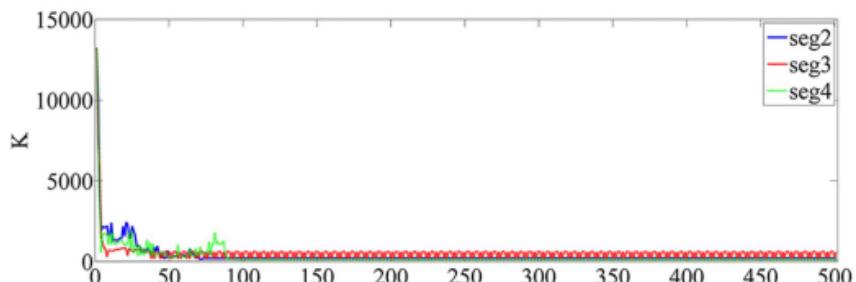
**Supporting information for article:**

**A modified discrete algebraic reconstruction technique for multiple gray image reconstruction for limited angle range tomography**

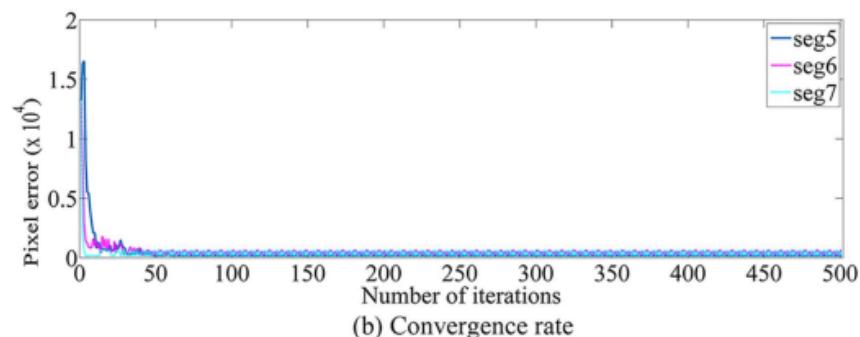
**Zhitong Liang, Yong Guan, Gang Liu, Xiangyu Chen, Fahu Li, Pengfei Guo and Yangchao Tian**



**Figure S1** Segment results of the SART-TV reconstruction of the Phantom 3 with an angular range of  $\alpha = 130^\circ$  (supplemental information to Fig. 10).



(a) Convergence rate



(b) Convergence rate

**Figure S2** Convergence rate of the different segment results as an initial input of the MDART (supplemental information to Fig. 10).