

Erratum: "Tests and Comparisons of Velocity-Inversion Techniques" (ApJ, 670, 1434 [2007])

This article has been downloaded from IOPscience. Please scroll down to see the full text article.

2008 ApJ 680 827

(<http://iopscience.iop.org/0004-637X/680/1/827>)

[The Table of Contents](#) and [more related content](#) is available

Download details:

IP Address: 128.32.147.236

The article was downloaded on 12/03/2010 at 22:18

Please note that [terms and conditions apply](#).

ERRATUM: “TESTS AND COMPARISONS OF VELOCITY-INVERSION TECHNIQUES” (ApJ, 670, 1434 [2007])

B. T. WELSCH, W. P. ABBETT, M. L. DEROSA, G. H. FISHER, M. K. GEORGOULIS,
K. KUSANO, D. W. LONGCOPE, B. RAVINDRA, AND P. W. SCHUCK

The text on page 1447 of our original article incorrectly states that only pixels above a 370 G threshold in $|B_z|$ were summed to yield the actual and estimated helicity fluxes presented in Table 1 on page 1451. In fact, no $|B_z|$ threshold was applied when summing helicity flux densities to compute the helicity fluxes shown in Table 1. The first column of this table should, therefore, be ignored. While only pixels above a 370 G threshold in $|B_z|$ were used in other comparisons between actual and estimated quantities, more than half of the actual helicity flux originated in pixels with $|B_z|$ below this threshold, implying that summing only above-threshold pixels would misrepresent the actual helicity flux. Hence, including helicity flux densities from below-threshold pixels—as was done—is necessary to accurately compare the estimated and actual helicity fluxes. Consequently, the paper’s conclusions regarding the accuracy of helicity flux estimates remain unchanged.