

A comparison of Pan-STARRs data from both the APMag column and the PSFMag column against Hendon Data.

In all Cases the sloan to BVRI conversions were accomplished using “Jester” published formulas.

Numerical data represents the *average difference* between Hendon data and Pan-STARRS, both the PSFMag data and APMag data.

A total of 48 stars were compared from seven different fields of views; each star had a minimum of 3 observations and was chosen at random (In the case of Hendon data there was some selectivity based upon uncertainty).

V mag ranges ran from 145-191.

Henden V - APMag V	Henden V - PSFMag V	Henden B-V - APMag B-V	Henden B-V - PSFMag B-V	Henden (V-R) - APMag (V-R)	Henden (V-R) - PSFMag (V-R)	Henden (R-I) - APMag (R-I)	Henden (R-I) - PSFMag (R-I)
.039	.032	.026	.028	-.004	-.013	.023	.020

Unlike the previous limited M67 study which showed the advantage to be with Pan-STARRS APMag values, by quite a bit, this study shows that a broader selection of data may slightly favor the Pan-STARRS PSF data; for all practical purposes the differences are pretty close for either column of data (close to a toss up) and conversion of either the APMag data or the PSFMag data should be reasonably acceptable, IMO.

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