Evaluating the Pan-STARRS Variability Parameter

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By Thursday (4/18) we need: well thought out section titles and plots that show all the points we wanna make

remake prob(f) plot with all 300,000 stars (not only 80,000)

LS analysis on ATLAS Pathfinder Telescope data, verified PS variability criteria

1. NUMBER OF STARS IN EACH BIN, BINS DENOTE $\rho_{RRLyrae}$

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SourceFile	0.0 − 0.05	0.05 − 0.1	0.1 − 0.2	0.2 − 0.3	0.3 − 0.4	0.4 − 0.5	0.5 − 0.6	0.6 − 0.7	0.7 − 0.8	0.8 − 0.9	0.9 − 1.0
nonvar15	89	13	18	20	14	13	18	17	11	3	6
var15	41	11	16	12	21	19	21	25	27	21	7
nonvar20	104	18	25	23	24	21	25	23	19	8	6
var20	26	6	9	9	11	11	14	19	19	16	7

TABLE I: ProbRR for each bin