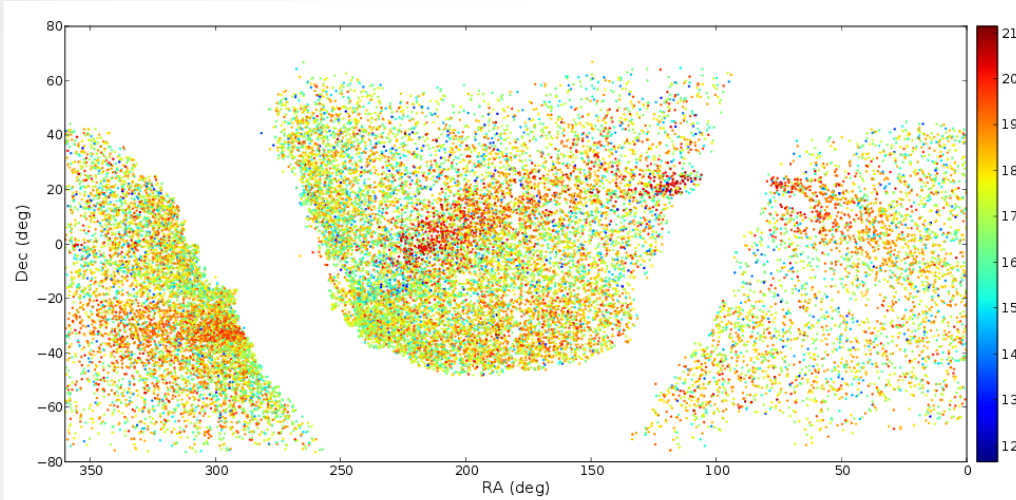


Discovery of ~9000 RR Lyrae in the Southern Catalina Surveys

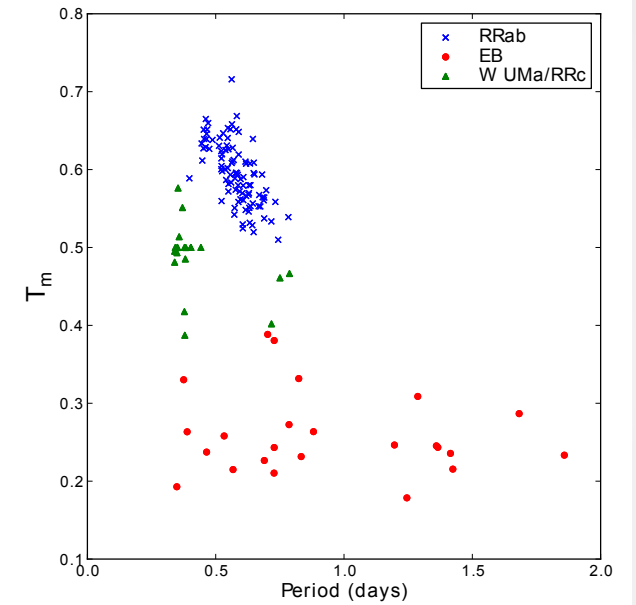
Gabriel Torrealba



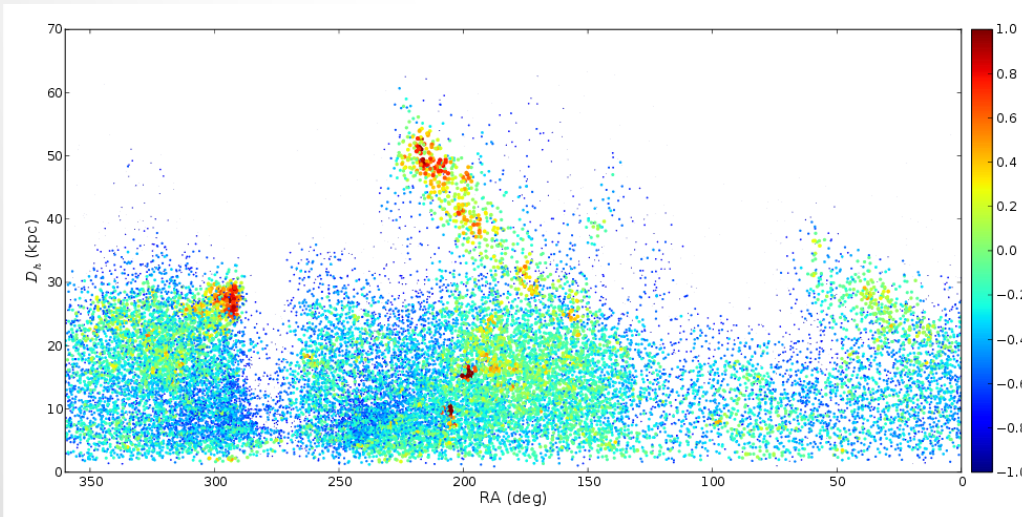
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Catalina RR Lyrae coverage



Simple statistic to discriminate



RR Lyrae as line of sight resolvers

$$T_m = \frac{M_{max} - M_{mean}}{M_{max} - M_{min}}$$