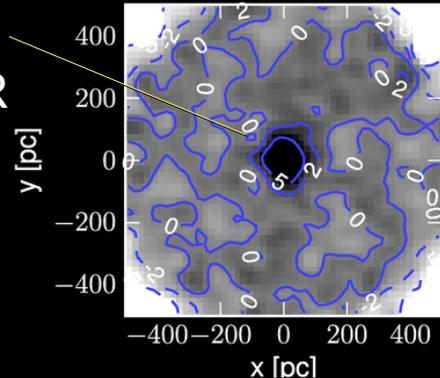


“Stacking the Invisibles...” (Branimir Sesar)

Almost every MW dSph has at least one RR Lyrae star

Object	N_{RRab}^a	$\langle [Fe/H] \rangle$
Cvn I	18	-1.962
Herc	6	-2.518
For	396	-1.025
Dra	123	-1.946
Leo IV	3	-2.363
Sex	26	-1.966
Leo I	47	-1.450
Leo II	103	-1.670
UMi	47	-2.112
Scl	129	-1.726
Boo I	7	-2.531
ComBer	1	-2.640
Cvn II	1	-2.444
UMa I	5	-2.334
UMa II	1	-2.357
Seg2	1	-2.257
Boo III	1	-2.0
Boo II	1	?

Stack catalogs of stars located near distant RR Lyrae stars to detect low-luminosity dSphs



Estimated by Tollerud et al. (2008)

Observed upper limits for $M_V = -1.5$:
 < 120 if $r_h = 120$ pc, < 20 if $r_h = 30$ pc

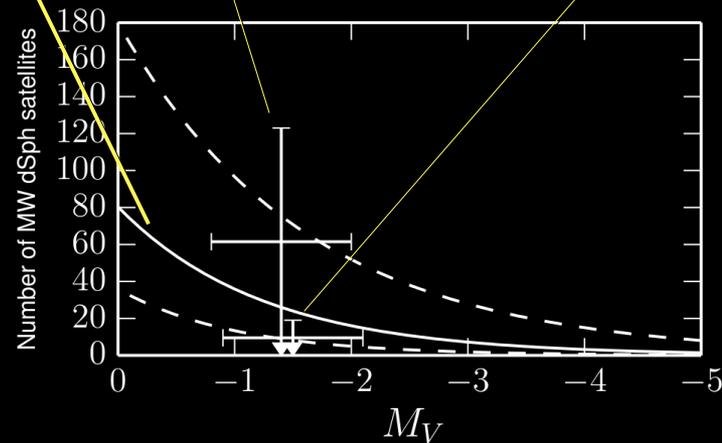


Table 4 by Boettcher et al. (2013)