

Cardona, Kunz, Pettorino 2016 (preliminary results)

Measurements of H_0 using hyper-parameters (HPs)					
H_0	α^{Cepheids}	α^{SNe}	α^{μ_0}	No. of HPs	Data
75.0 (3.9)	Yes	Yes	Yes	722	R11
74.1 (3.7)	Yes	Yes	No	720	R11
73.2 (2.5)	Yes	No	Yes	714	R11
72.4 (2.2)	Yes	No	No	712	R11
73.75 (2.26)	Yes	Yes	Yes	2297	R16
73.15 (2.02)	Yes	Yes	No	2295	R16
73.65 (1.92)	Yes	No	Yes	2278	R16
72.89 (1.67)	Yes	No	No	2276	R16
73.61 (1.51)	No	No	No	0	R16

ASSUMPTIONS

Hyper Parameters

3 anchor distances (NGC4258, LMC, MW)

Weak prior on Cepheid metallicity for R16

No period cut

RESULTS

Cardona et al 2016 compatible with Riess et al

Probability of some HP peaks below 1

HP < 1 can be a symptom of tensions

Choice of anchors is important

Other choices have smaller impact