

# JANUS-S V2 Analysis Summary

## (Pantheon+ + DES-SN5YR)

Dataset	N SNe	JANUS $q_0$	$\chi^2/\text{dof}$	$\Lambda\text{CDM } \Omega_m$	$\chi^2/\text{dof}$	$\Delta\text{AIC}$	Preferred
Pantheon+	1701	-0.0126 $\pm$ 0.0103	1.046	0.3623 $\pm$ 0.0192	1.031	25.2	$\Lambda\text{CDM}$
DES-SN5YR	1820	-0.0278 $\pm$ 0.0130	0.915	0.3300 $\pm$ 0.0153	0.898	31.0	$\Lambda\text{CDM}$
Combined	3182	-0.0958 $\pm$ 0.0064	1.091	0.2556 $\pm$ 0.0075	1.030	195.0	$\Lambda\text{CDM}$