

Erratum: Establishing low-lying doubly charmed baryons [Phys. Rev. D **96**, 031501(R) (2017)]

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We have found a mistake when evaluating decay constants of the S -wave charmed baryons, which were originally listed in Table I in the article. The corrected results are shown below in Table I, which replaces the original Table I in the article. None of these changes affect our conclusion.

TABLE I. Masses and decay constants of the S -wave charmed baryons.

Fields	Baryons	s_0 (GeV)	M_B^2 (GeV ²)	Pole	Convergence		Mass (GeV)	f (GeV ³)
					Π_8/Π_{All}	$\Pi_{10}/\Pi_{\text{All}}$		
$\eta_1 = -2\eta'_2$	Ξ_{cc}	...	...	...	...	...	...	...
	Ω_{cc}	...	...	...	...	...	...	...
η'_1	Ξ_{cc}	22–28	3.2–3.8	>72%	<1%	<1%	$3.94^{+0.14}_{-0.15}$	$0.12^{+0.03}_{-0.03}$
	Ω_{cc}	22–28	3.2–3.8	>72%	<1%	<1%	$3.98^{+0.12}_{-0.16}$	$0.13^{+0.02}_{-0.03}$
$\eta_{3\alpha}$	Ξ_{cc}	...	...	...	...	...	...	...
	Ω_{cc}	...	...	...	...	...	...	...
$\eta'_{3\alpha}$	Ξ_{cc}	22–28	3.2–3.8	>73%	<1%	<1%	$3.95^{+0.13}_{-0.15}$	$0.11^{+0.01}_{-0.03}$
	Ω_{cc}	22–28	3.2–3.8	>73%	<1%	<1%	$3.97^{+0.12}_{-0.17}$	$0.11^{+0.02}_{-0.03}$
$\eta_1^M(\theta_1 = -11^\circ)$	Ξ_{cc}	22–28	3.2–3.8	>87%	<1%	<1%	$3.58^{+0.15}_{-0.16}$	$0.15^{+0.02}_{-0.03}$
	Ω_{cc}	22–28	3.2–3.8	>84%	<1%	<1%	$3.70^{+0.13}_{-0.15}$	$0.17^{+0.02}_{-0.03}$
$\eta_2^M(\theta_2 = 6^\circ)$	Ξ_{cc}	22–28	3.2–3.8	>90%	<1%	<1%	$3.58^{+0.14}_{-0.10}$	$0.061^{+0.006}_{-0.009}$
	Ω_{cc}	22–28	3.2–3.8	>86%	<1%	<1%	$3.69^{+0.11}_{-0.15}$	$0.074^{+0.008}_{-0.011}$