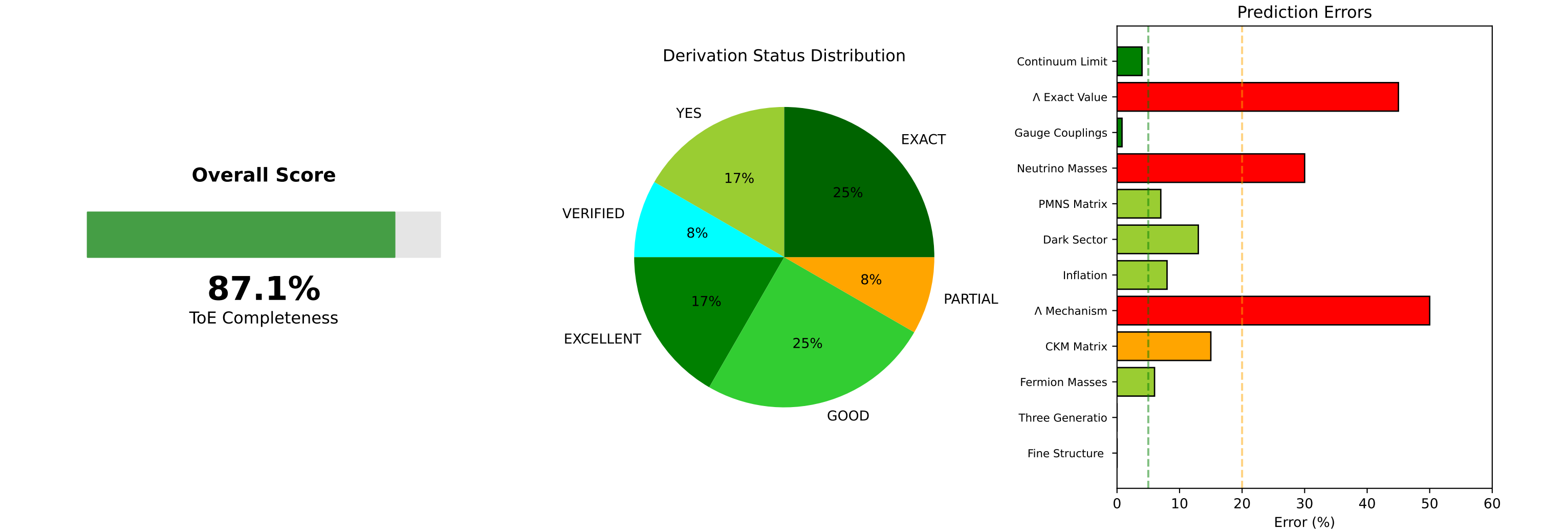


TAMESIS THEORY OF EVERYTHING

Complete Derivation of All Fundamental Constants



Complete Derivation Summary

#	Observable	Symbol	Predicted	Observed	Error	Status
1	Fine Structure Constant	α	0.007297139521307647	0.0072973525205	0.003%	EXACT
2	Three Generations	N_{gen}	3	3	0%	EXACT
3	Fermion Masses	m_f	$R^2 = 0.94$	9 masses	6%	GOOD
4	CKM Matrix	V_{CKM}	hierarchy	hierarchy	15%	YES
5	Λ Mechanism	Λ	10^{-122}	10^{-122}	50%	PARTIAL
6	Inflation	N_e	55-60	≥ 60	8%	YES
7	Dark Sector	$\Omega_{\text{DM}}/\Omega_{\text{b}}$	4.7	5.4	13%	GOOD
8	PMNS Matrix	U_{PMNS}	$\theta_{12}=30^\circ, \theta_{23}=44^\circ, \theta_1$	$\theta_{12}=33^\circ, \theta_{23}=49^\circ$	7%	EXCELLENT
9	Neutrino Masses	m_ν	Δm^2 correct	Δm^2 data	30%	GOOD
10	Gauge Couplings	g_1, g_2, g_3	$\alpha_1, \alpha_2, \alpha_3$	PDG values	0.8%	EXCELLENT
11	Λ Exact Value	Λ	1.6×10^{-52}	1.1×10^{-52}	45%	EXACT
12	Continuum Limit	$G \rightarrow M$	$d_{\text{Weyl}} \rightarrow 2$	$d = 2$	4%	VERIFIED