

Surrogate model

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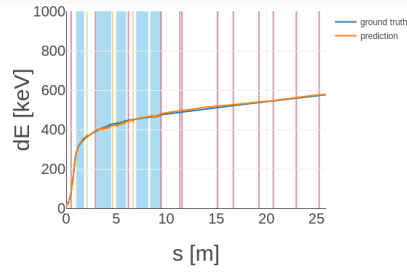
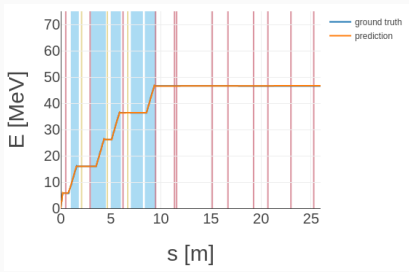
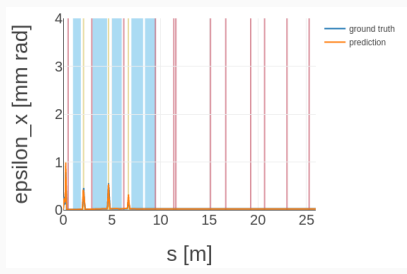
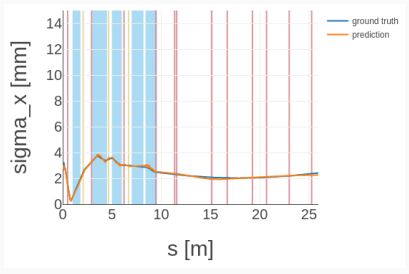
March 27, 2020

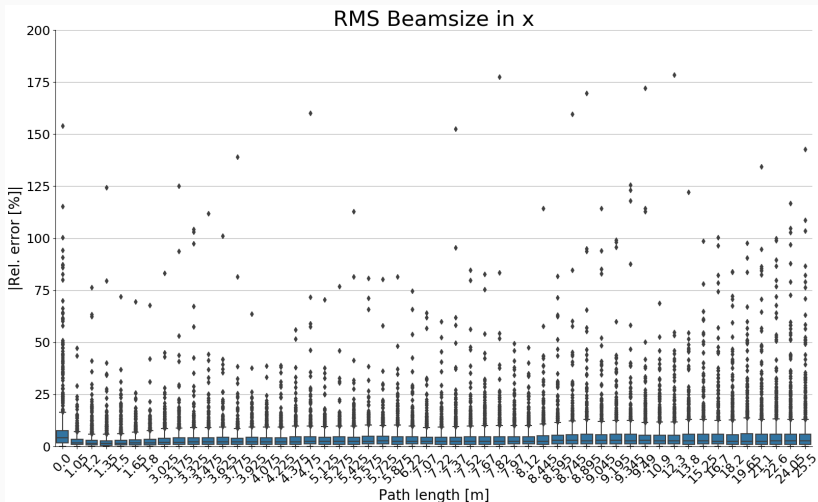
Design variables

Bound	IBF [A]	IM [A]	GPHASE [°]	ILS1 [A]	ILS2 [A]	ILS3 [A]	charge [nC]	λ [ps]	SIGXY [mm]
Lower	450	100	-50	0	0	0	0.3	0.3	1.5
Upper	550	260	10	250	200	200	5	2	12.5

Cavities 1, 2, 3, 5: 25MV

Cavities 4 and 6: Off





Relationship between ϵ_x and ΔE at 26m

