- Test used: 2-sample Kolmogorov-Smirnov
- Test is done feature vs feature, pvalues are corrected with the FDR method
- Points are not considered as a time series
- Data and labels are tested separately

Data transform:

- Drop Columns ['index', 'flight', 'route', 'time_start', 'altitude', 'speed', 'payload', 'power', 'power_smoothed']

Label transform:

- Drop Columns: everything except power_smoothed

Reference Dataset	Test Dataset	p-value (data)	p-value (target)
vtol train	vtol val	0.76	0.51
vtol val	vtol test	0.25	0.05
quad train	quad val	0.88	0.24
quad val	quad test	0.59	0.06
quad train	**quad lourd**	**0.0**	**0.0**
vtol	**quad**	**0.0**	**0.0**

Reference Dataset	Test Dataset	p-value (data)	p-value (target)
vtol train	vtol val	0.76	0.51

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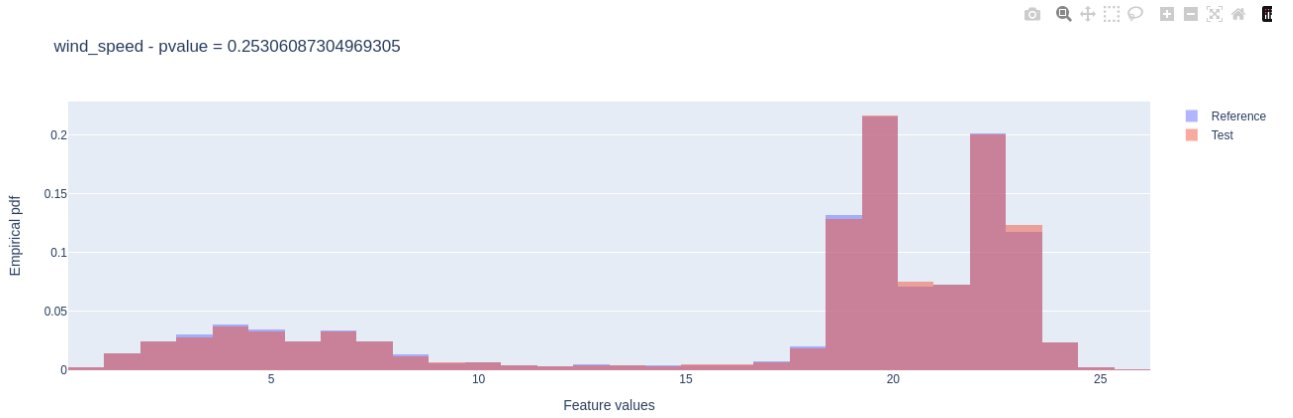
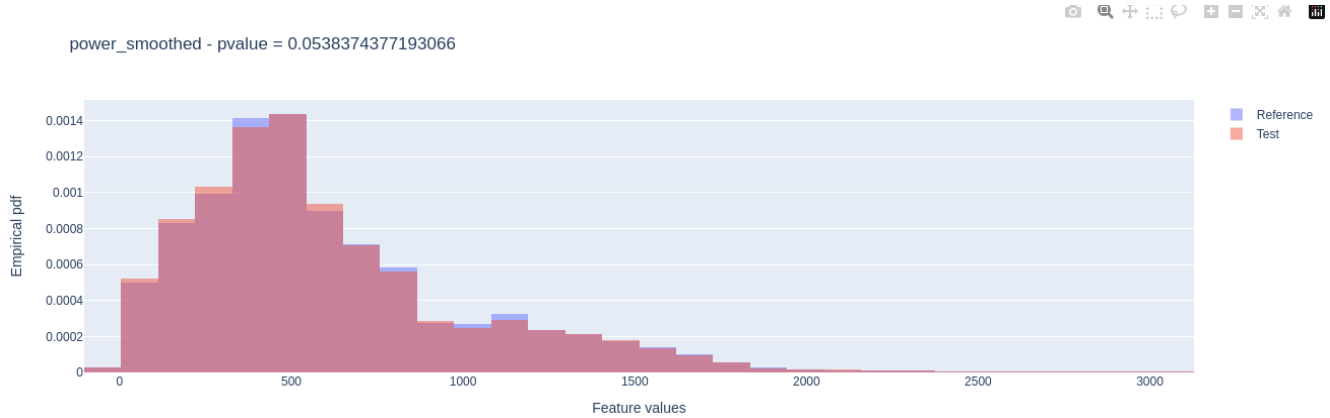
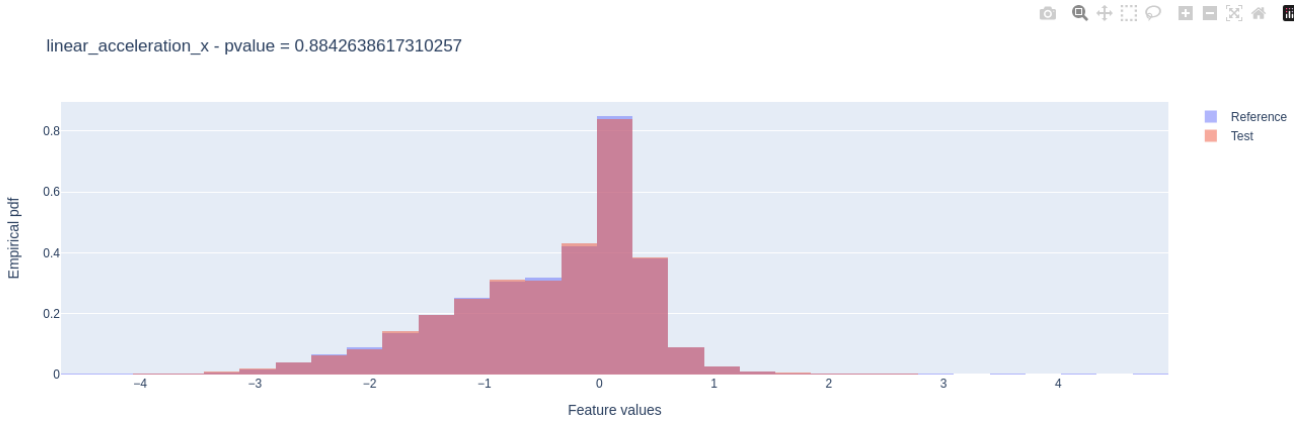
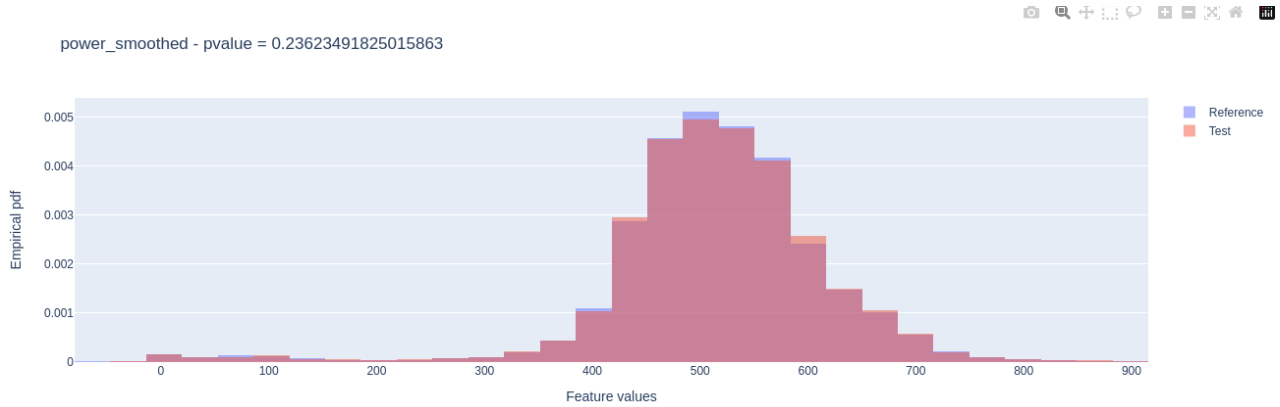
Reference Dataset	Test Dataset	p-value (data)	p-value (target)
vtol val	vtol test	0.25	0.05



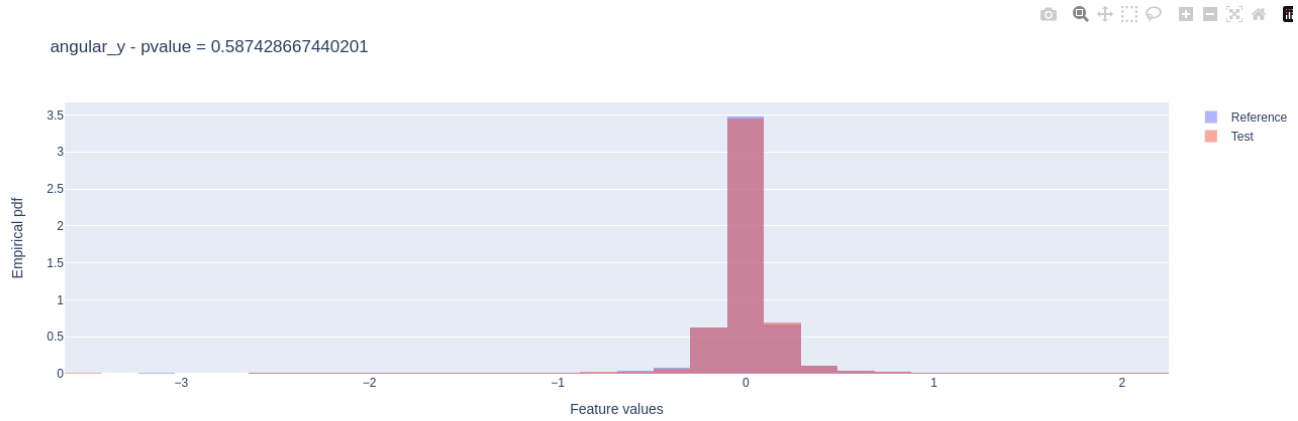


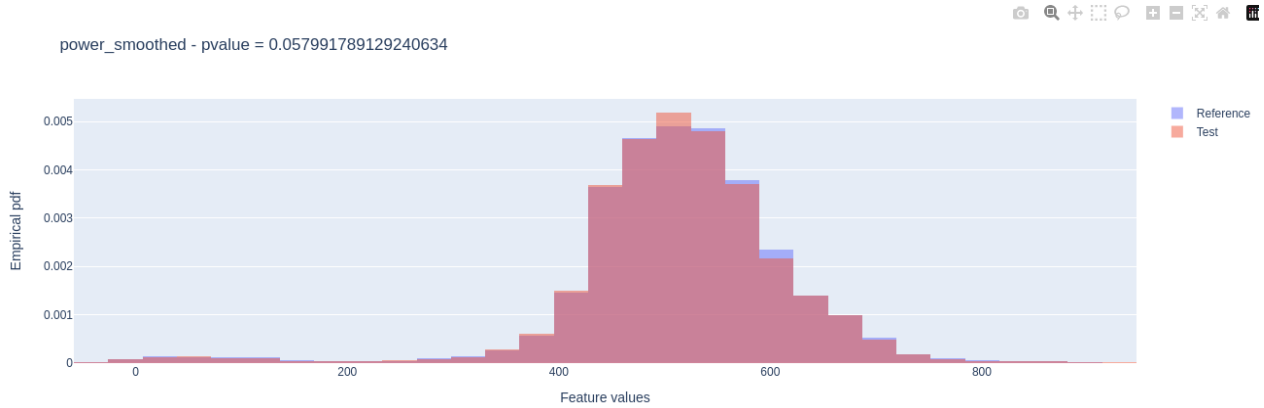
Reference Dataset	Test Dataset	p-value (data)	p-value (target)
quad train	quad val	0.88	0.24



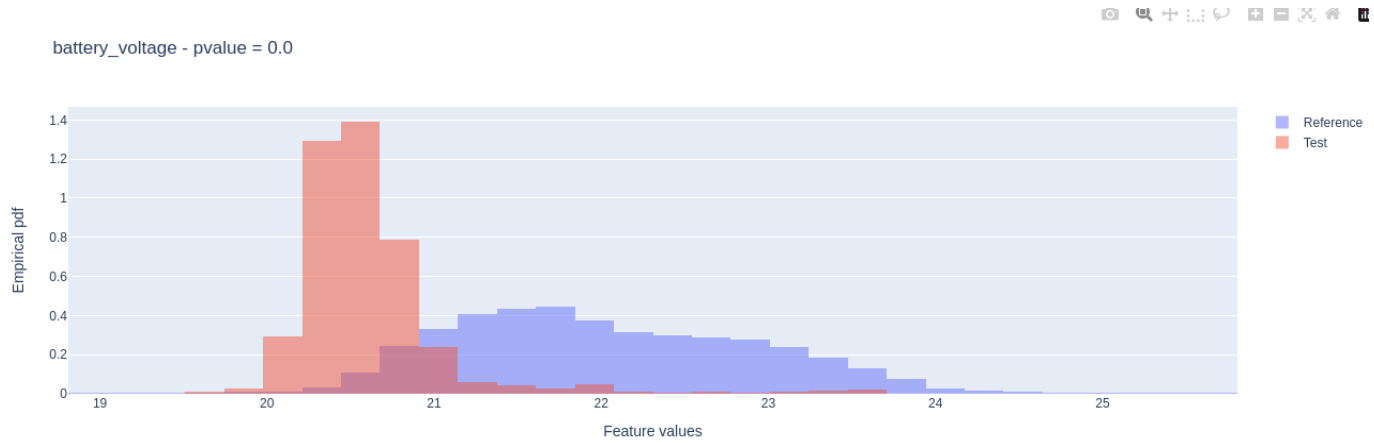


Reference Dataset	Test Dataset	p-value (data)	p-value (target)
quad val	quad test	0.59	0.06





Reference Dataset	Test Dataset	p-value (data)	p-value (target)
quad train	quad lourd	0.0	0.0



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Reference Dataset	Test Dataset	p-value (data)	p-value (target)
vtol	quad	0.0	0.0