

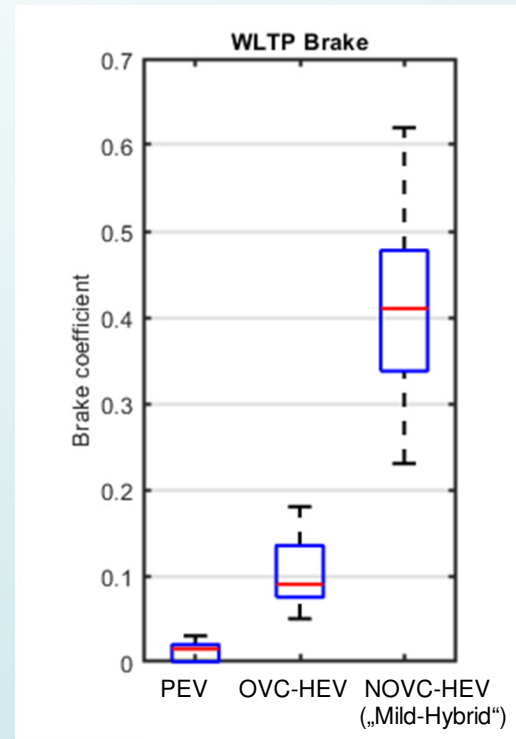
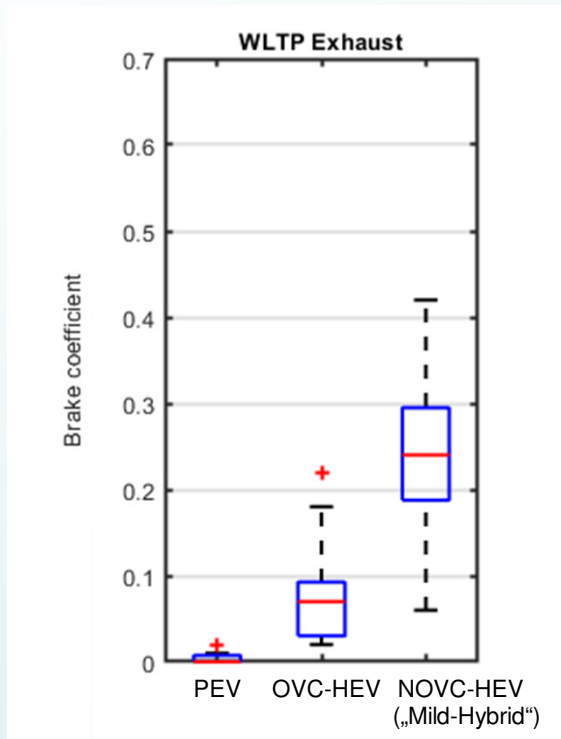


OICA Data Collection and initial response to JRC proposal

- OICA collected data from 6 OEMs and 55 vehicles as requested by the PMP-TF4 “Regenerative Braking”
- The detailed analysis of the data set is ongoing
- OICA data was requested by JRC and should be merged to one PMP data set



OICA Data on Friction Energy Share



DRAFT evaluation



Initial Conclusions on Friction Energy Share

- DRAFT evaluation -

Vehicle Category	Observed Energy / Coefficient WLTP Brake median (range)	JRC's initial Coefficients
PEV	0.02 (0.0 - 0.03)	0.17 - 0.19
OVC-HEV	0.09 (0.05 - 0.18)	0.30 - 0.32
NOVC-HEV		
NOVC-HEV („Mild-Hybrid“)	(0.23 - 0.62)	0.60 - 0.65

- The observed ratio of WLTP Exhaust / WLTP Brake depends upon P/T concept
- The observed Friction Energy Share is substantially lower than initially suggested by JRC
- There is a large spread of Friction Energy Share – particularly for “mild-Hybrids”
- Individual vehicle specific Energy Shares are needed for JRC Procedure