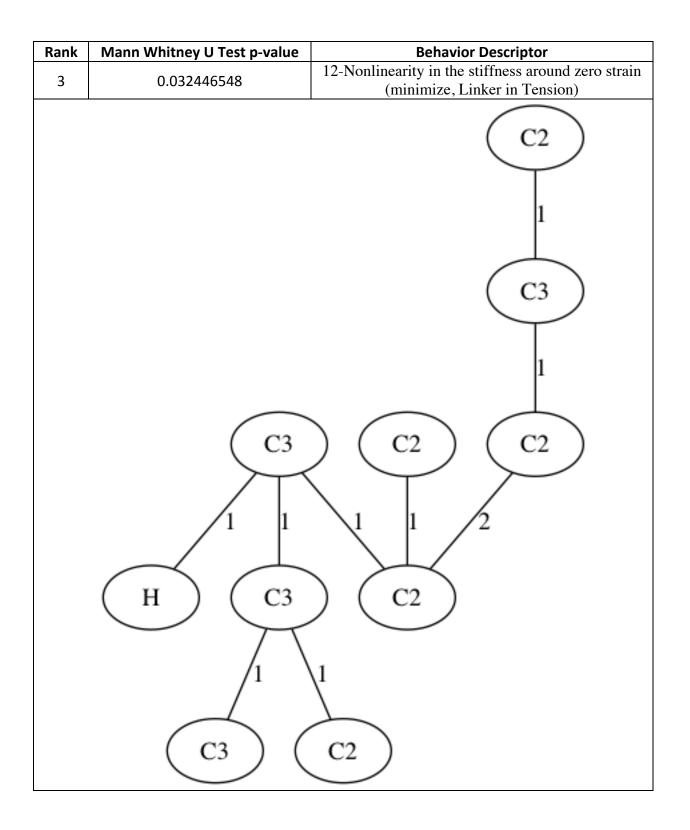
Electronic Supplementary Material (ESI) for Dalton Transactions. This journal is © The Royal Society of Chemistry 2015

Supplementary Material: Accepted Fragments for 40% False Discovery Rate

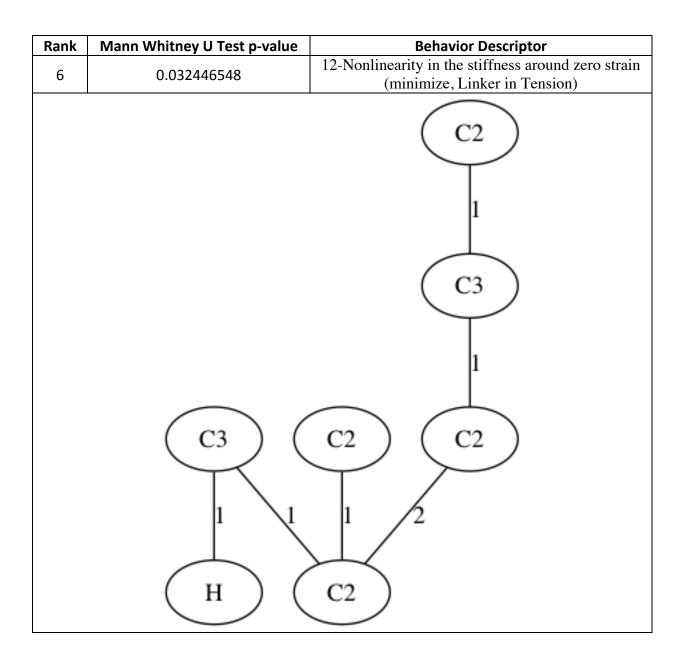
Mann Whitney U Test p-value 0.029129495 Car Car	3-Strain at buckling * Stiffness at zero strain (minimize, Linker in Compression) Car Car Car
Car	Car 1
1	Car
	C2 2
	C2
	Car Car Car Car

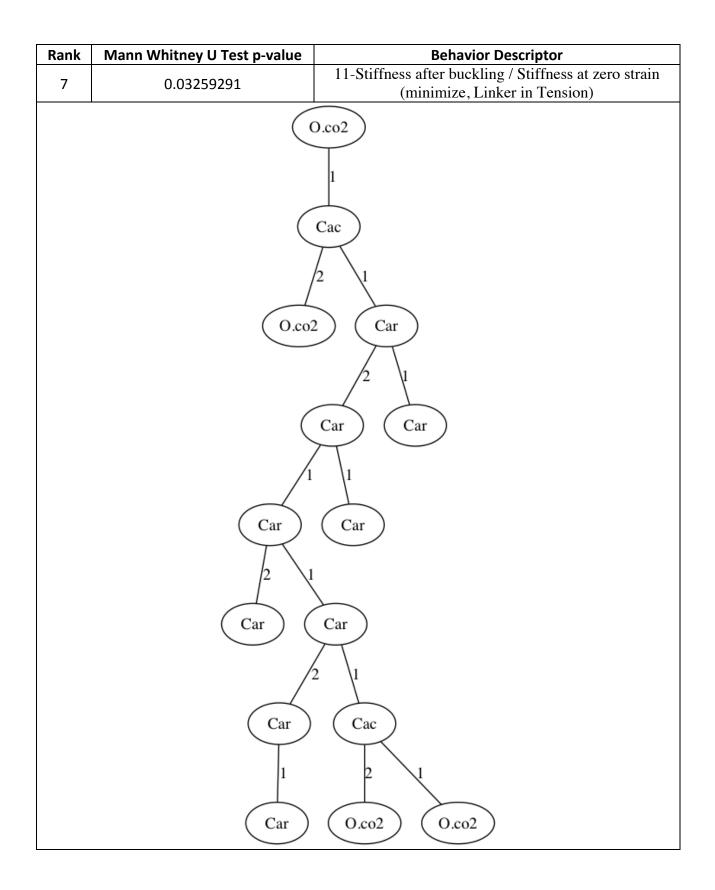
Rank	Mann Whitney U Test p-value	Behavior Descriptor
2	0.032446548	12-Nonlinearity in the stiffness around zero strain (minimize, Linker in Tension)
	C3 H C3 C3 C3	C2 C2 C2 C2 C2 C2



Rank	Mann Whitney U Test p-value	Behavior Descriptor
4	0.032446548	12-Nonlinearity in the stiffness around zero strain (minimize, Linker in Tension)
	C3 H C3 H	C2 C2 C2 C2 C2 C2

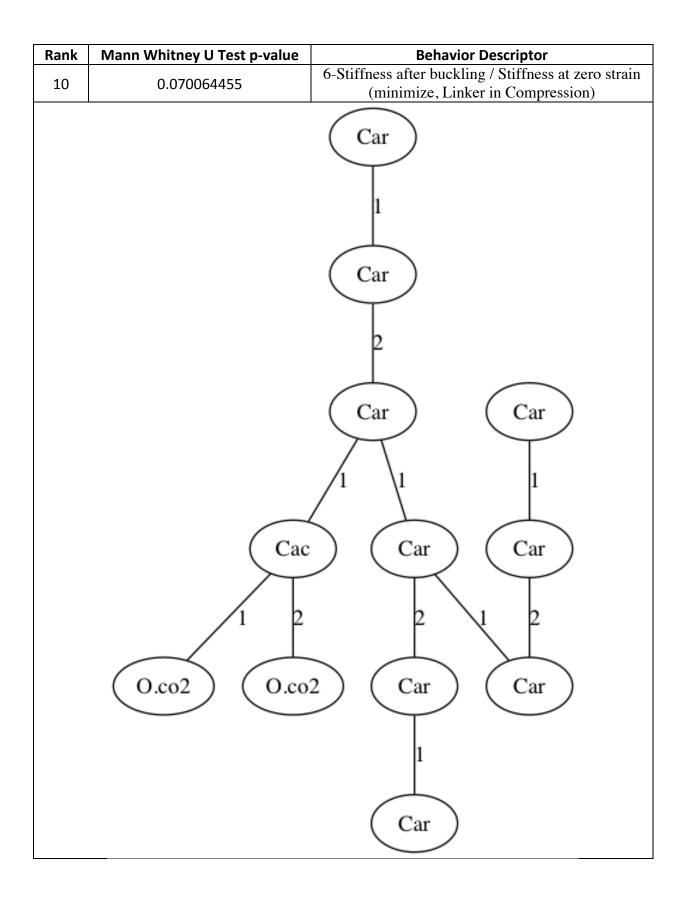
Rank	Mann Whitney U Test p-value	Behavior Descriptor
5	0.032446548	12-Nonlinearity in the stiffness around zero strain (minimize, Linker in Tension)
5	C3	(minimize, Linker in Tension) C2 C3 C2 C2 C2 C2 C2
	(H) (C3) $(C2)$



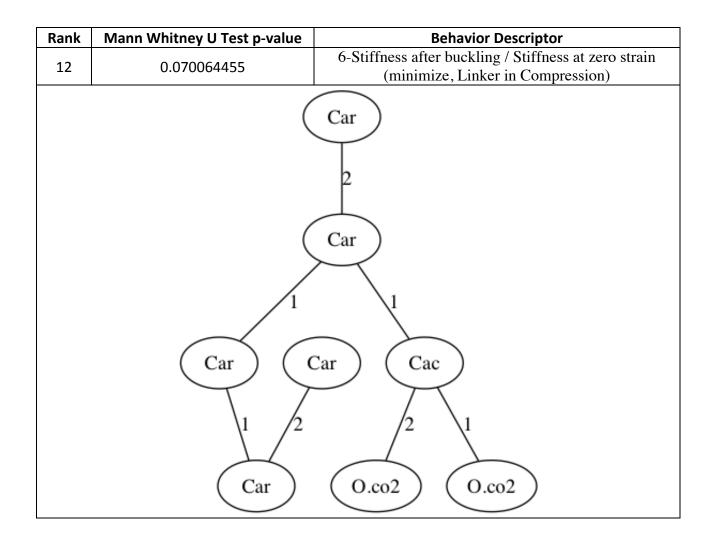


Rank	Mann Whitney U Test p-value	Behavior Descriptor
		2-Step height of piecewise linear fit of Force-
8	0.052043615	Displacement Curve
		(maximize, Linker in Tension)
	Car Car Car H	C2 C2 C2

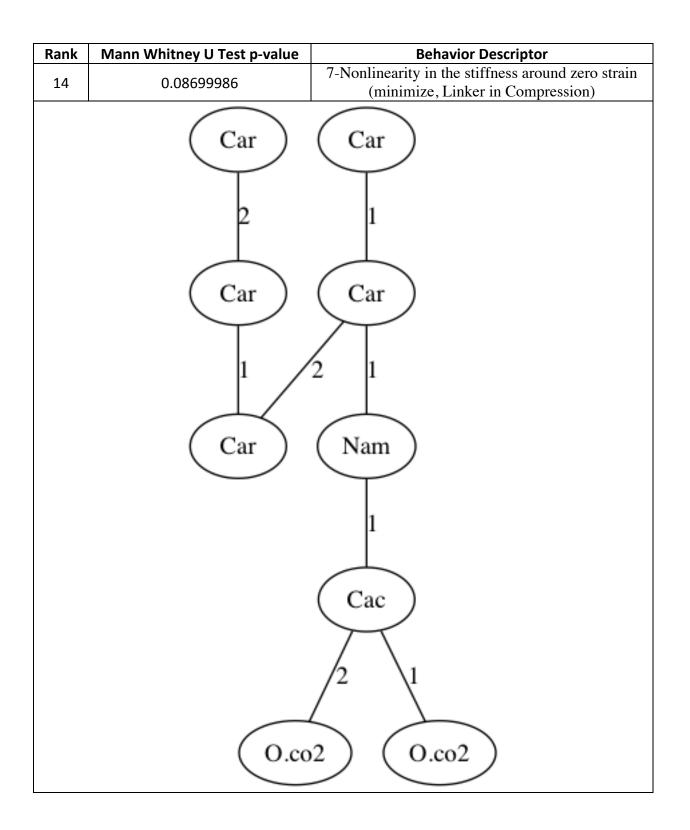
Rank	Mann Whitney U Test p-value	Behavior Descriptor
	, ,	2-Step height of piecewise linear fit of Force-
9	0.055646263	Displacement Curve
		(maximize, Linker in Tension)
	Car Car	C3 1 1 H



Rank N	Mann Whitney U Test p-value	Behavior Descriptor
11	0.070064455	6-Stiffness after buckling / Stiffness at zero strain (minimize, Linker in Compression)
	0.070064455	



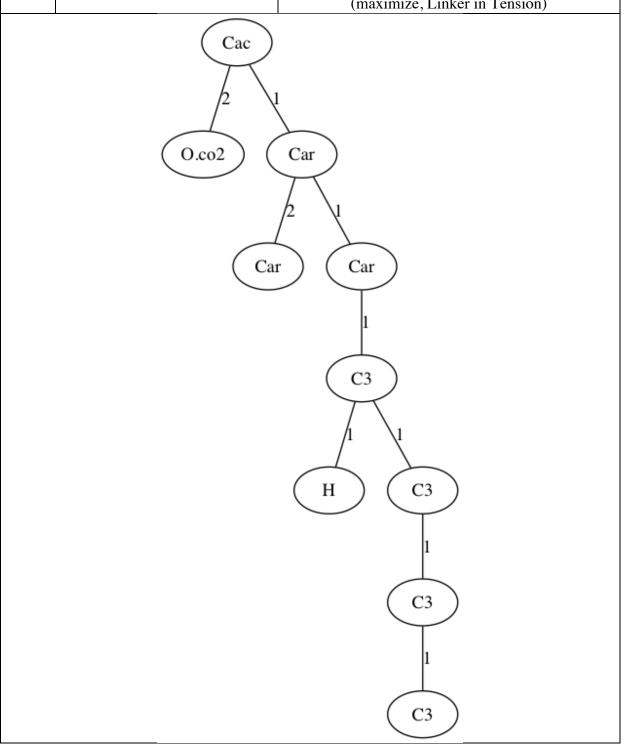
Rank	Mann Whitney U Test p-value	Behavior Descriptor
		2-Step height of piecewise linear fit of Force-
13	0.077347668	Displacement Curve
		(maximize, Linker in Tension)
	O.co2	Car Car



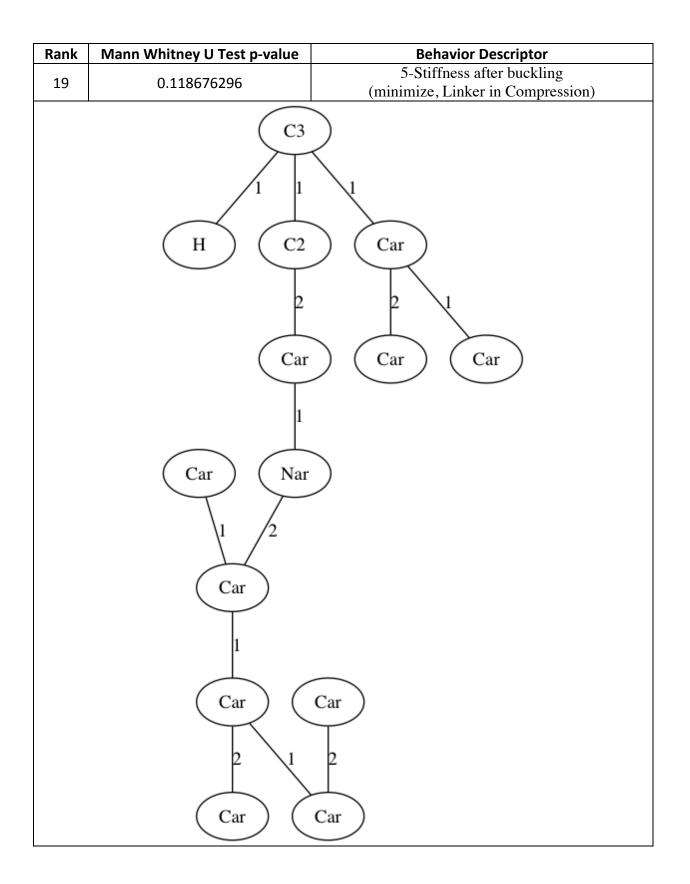
Rank	Mann Whitney U Test p-value	Behavior Descriptor
		2-Step height of piecewise linear fit of Force-
15	0.102053696	Displacement Curve
		(maximize, Linker in Tension)
	(O.co2))
	1	
	Cac	
	<i>h</i> \	1
	/2	
		Car
	(O.co2) (Car
	\int_{-2}^{2}	
	Car Car	
		(C3)
		/1 \1
		(H) (C3)
		\smile \downarrow
		1
		(C3)
		1
		C3

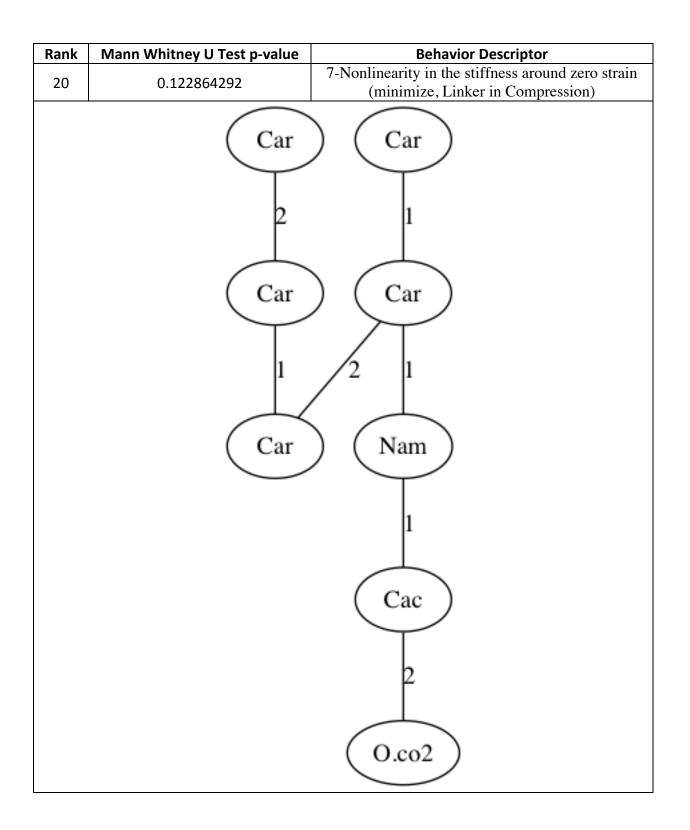
Rank	Mann Whitney U Test p-value	Behavior Descriptor
16	0.103685468	7-Nonlinearity in the stiffness around zero strain (minimize, Linker in Compression)
	Car Car Car	Car Car Nam

2-Step height of piecewise linear fit of Force- Displacement Curve	Rank	Mann Whitney U Test p-value	Behavior Descriptor
(maximize, Linker in Tension)	17	0.108701658	1 0 1



Rank Mann Whitney U Test p-v	Palue Behavior Descriptor
	5-Stiffness after buckling
18 0.116814129	(minimize, Linker in Compression)
	C3 C2 Car Car Car Car Car Car Car





Rank	Mann Whitney U Test p-value	Behavior Descriptor
21	0.122864292	7-Nonlinearity in the stiffness around zero strain (minimize, Linker in Compression)
21	0.122864292 Car Car Car	/-Nonlinearity in the stiffness around zero strain (minimize, Linker in Compression) Car Nam Cac