

Table S3. Characteristic times, $\tau_{c,i}$, and comparisons with SC on flat

	$\tau_{c,x}$ (min)	p-value
Flat	16.84±13.62	-
P30	39.19±41.87	<0.001
P60	22.85±26.68	0.0326
G30	26.10±24.64	0.0035
G60	19.71±15.38	0.1275

	$\tau_{c,y}$ (min)	p-value
Flat	16.84±13.62	-
P30	6.0±2.0	<0.001
P60	6.1±2.4	<0.001
G30	5.1±0.8	<0.001
G60	5.6±1.8	<0.001