

Table S2. Comparison of steady state velocity between conditions

$\langle v_r \rangle$					
p-values	Flat	P30	P60	G30	G60
Flat	x	0.0128	<0.0001	0.9838	0.9691
P30		x	0.4677	0.0074	0.0003
P60			x	<0.0001	<0.0001
G30				x	1.0000
G60					x

$\langle v_x \rangle$					
p-values	Flat	P30	P60	G30	G60
Flat	x	<0.0001	0.0006	<0.0001	<0.0001
P30		x	0.0129	0.0096	0.2043
P60			x	<0.0001	<0.0001
G30				x	0.5400
G60					x

$\langle v_y \rangle$					
p-values	Flat	P30	P60	G30	G60
Flat	x	<0.0001	<0.0001	<0.0001	<0.0001
P30		x	<0.0001	0.9787	<0.0001
P60			x	0.0007	0.0001
G30				x	<0.0001
G60					x