Problem statement: $\Omega_x^{CW} = f^{CW}_{\sigma_{tilt}}(\Omega_y),$

Need to show that $\Omega_x^{CCW} = f^{CCW}_{\sigma_{tilt}}(\Omega_y)$

$$\forall \epsilon > 0 \forall \exists \delta > 0:$$

$$|\Omega_y^0| - |\Omega_y^1| < \delta \rightarrow |f^{CW}_{\sigma_{tilt}}(\Omega_y^0)| - |f^{CCW}_{\sigma_{tilt}}(\Omega_y^1)| < \epsilon$$

For a given σ_{tilt}

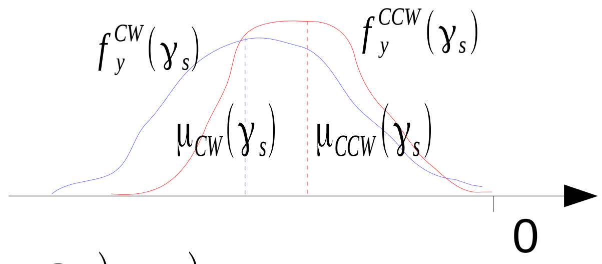
Sweep the injection space

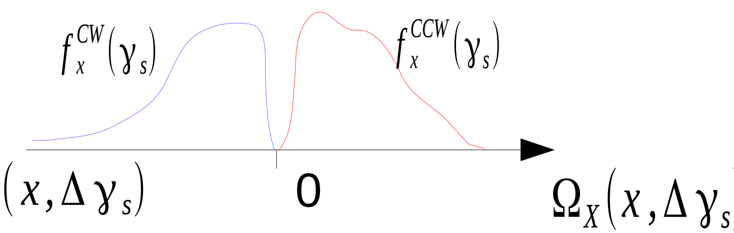
$\{x, y, \Delta\gamma_s\}$

Injection space

Distribution families

CW ring	CCW ring



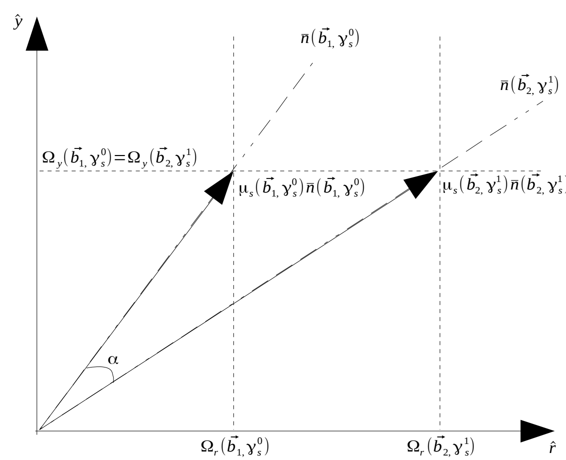


HOW:

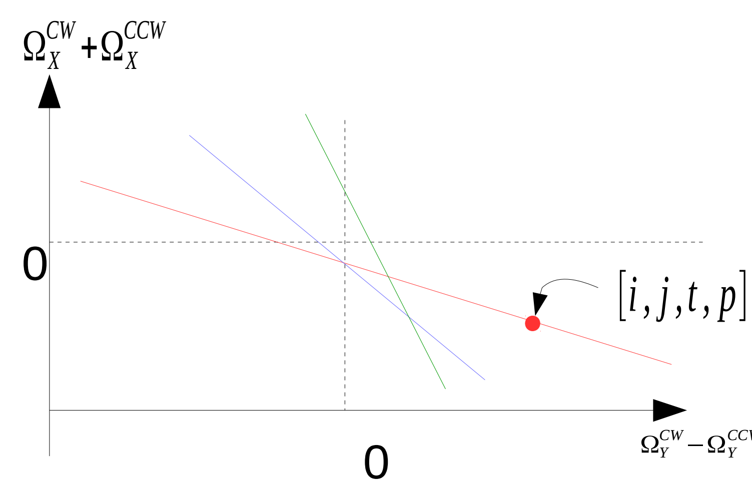
$\forall((x, y), \Delta\gamma_s)$

get the pair $((\Omega_y, \Omega_x)_{CW}, (\Omega_y, \Omega_x)_{CCW})$

	$\vec{x}$	$\Delta\gamma_s$	Ω_y	Ω_x
CW	$\vec{x}_0$	$\Delta\gamma_s^0$	Ω_y^0	Ω_x^0
	$\vec{x}_0$	$\Delta\gamma_s^1$	Ω_y^1	Ω_x^1



Combine each line for CW w/each for CCW



Get stats: $S_1 = \Omega_x^{CW}(\vec{x}_i, \Delta\gamma_s^j) + \Omega_x^{CCW}(\vec{x}_t, \Delta\gamma_s^p),$

$S_2 = \Omega_y^{CW}(\vec{x}_i, \Delta\gamma_s^j) - \Omega_y^{CCW}(\vec{x}_t, \Delta\gamma_s^p)$