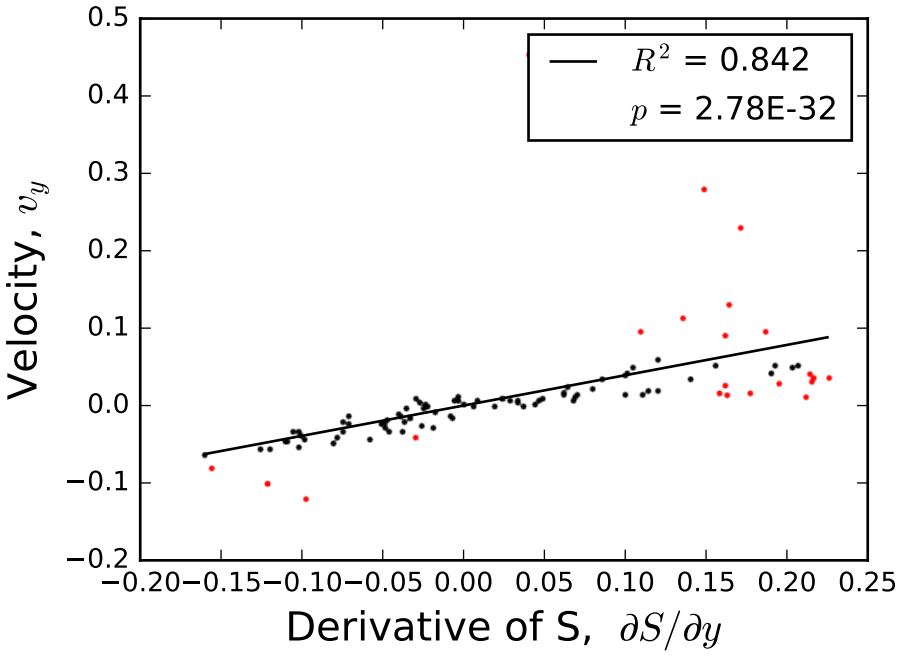
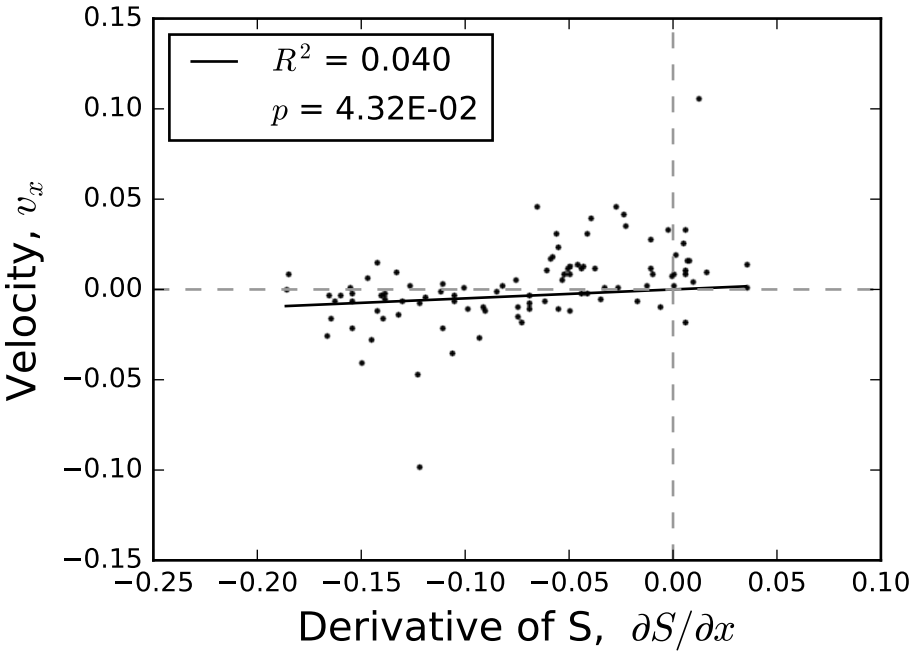
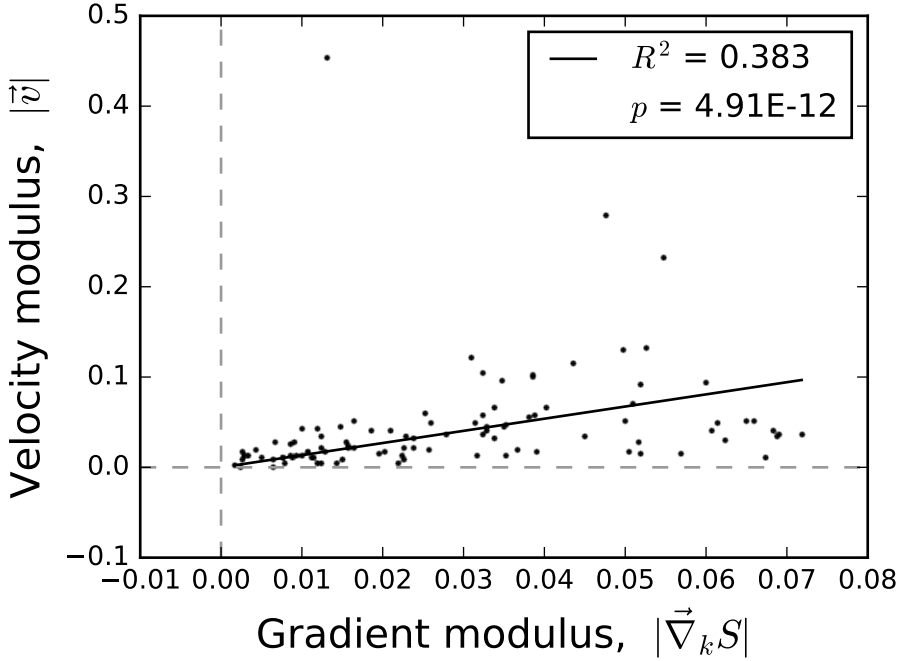
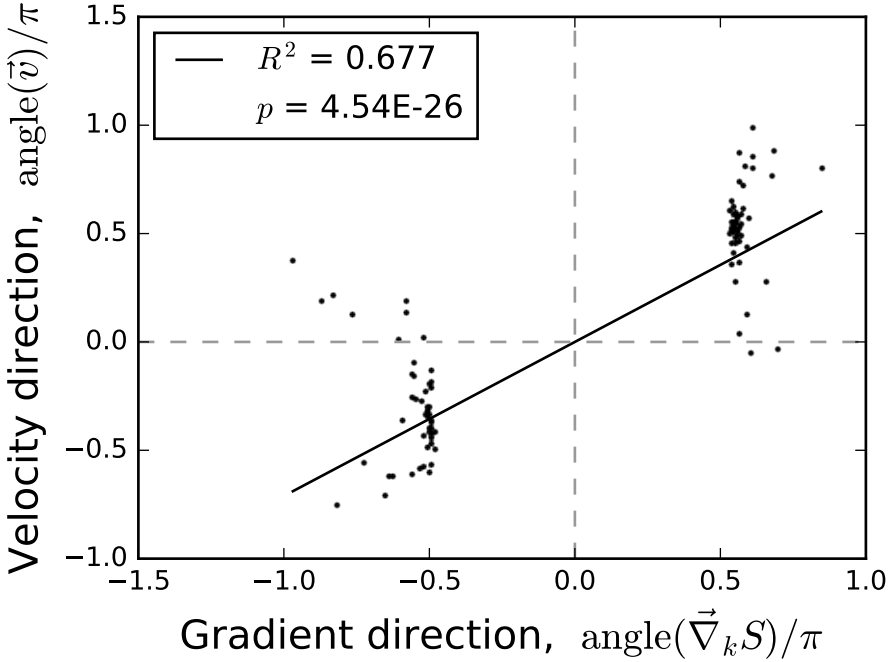

R^2 = 0.842
p = 2.78E-32
Velocity, v_y
Derivative of S, $\partial S/\partial y$


R^2 = 0.040
p = 4.32E-02
Velocity, v_x
Derivative of S, $\partial S/\partial x$


R^2 = 0.383
p = 4.91E-12
Velocity modulus, $|\vec{v}|$
Gradient modulus, $|\vec{\nabla}_k S|$


R^2 = 0.677
p = 4.54E-26
Velocity direction, $\mathrm{angle}(\vec{v})/\pi$
Gradient direction, $\mathrm{angle}(\vec{\nabla}_k S)/\pi$