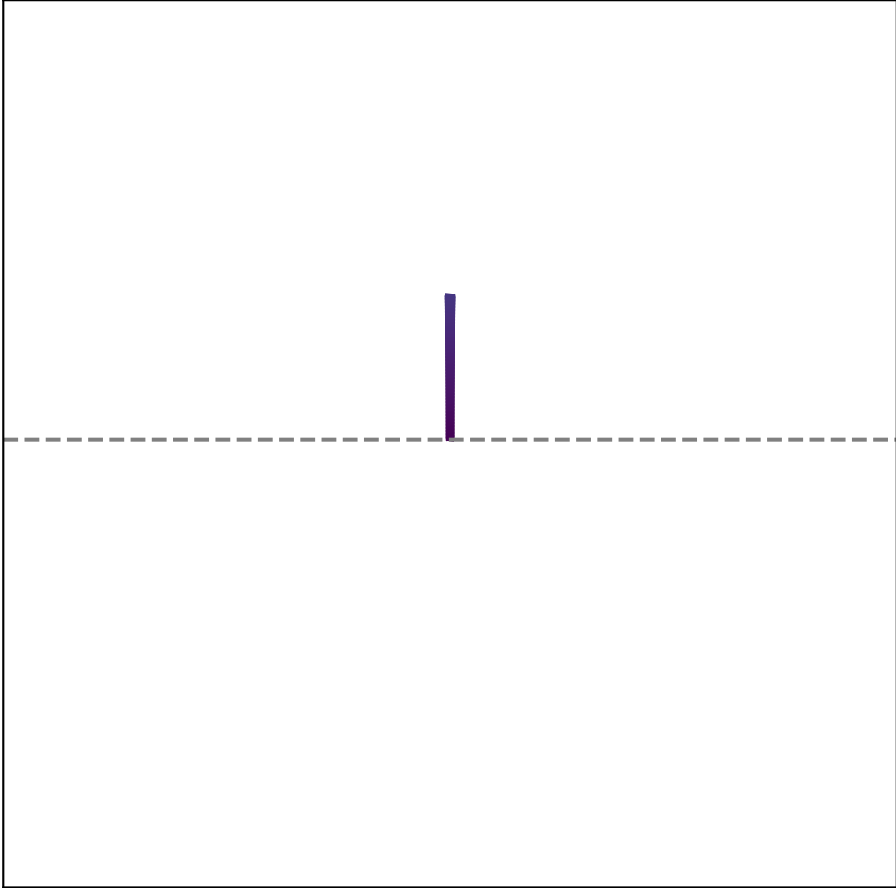


$$y_t = \langle \nabla S, \theta_t - \theta_0 \rangle$$


The figure shows a 2D coordinate system with a horizontal axis labeled $x_t = \langle u, \theta_t - \theta_0 \rangle$ and a vertical axis labeled $y_t = \langle \nabla S, \theta_t - \theta_0 \rangle$. A horizontal dashed line is drawn at $y_t = 0$. A vertical purple line segment is drawn at a positive x_t value, extending from the dashed line upwards. The segment is located at approximately $x_t = 0.5$ and $y_t = 0.5$.

$$x_t = \langle u, \theta_t - \theta_0 \rangle$$