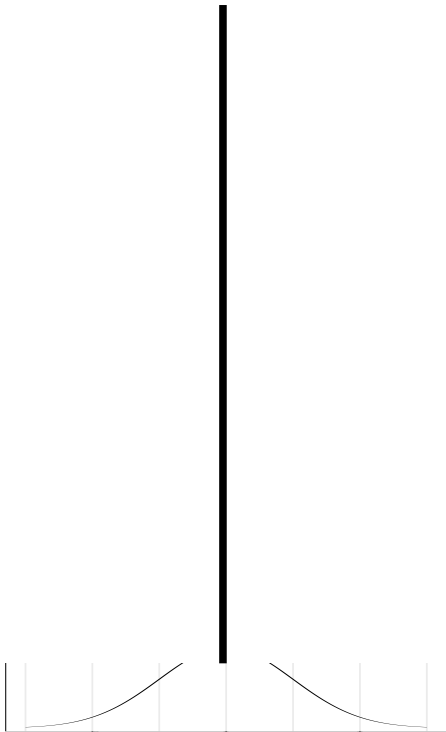no variation                              with variation