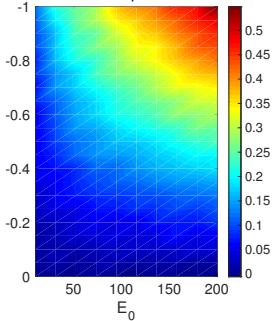


skewness in upstream flow



skewness in downstream flow

