

### Supplemental material: Rainfall simulations experiments by Gerlinger (1996)

The csv file contains the following measured values (or previously calculated values) as well as numerically derived values (cf. main article).

<b>symbol</b> <b>(header)</b>	<b>unit</b>	<b>description</b>	
<b><i>no</i></b>	-	Location identifier	Measured values
<b><i>width</i></b>	m	Width of experimental plot	
<b><i>length</i></b>	m	Length of experimental plot	
<b><i>I</i></b>	mm h <sup>-1</sup>	Steady rainfall rate	
<b><i>slope</i></b>	m m <sup>-1</sup>	Slope of experimental plot	
<b><i>n</i></b>	m <sup>-1/3</sup> s	Manning's n	
<b><i>vrf_mess</i></b>	m s <sup>-1</sup>	Measured rill flow velocity	
<b><i>vsf_mess</i></b>	m s <sup>-1</sup>	Measured sheet flow velocity	
<b><i>d50</i></b>	µm	Mean particle diameter of eroded top soil	
<b><i>csed</i></b>	kg m <sup>-3</sup>	Steady state sediment concentration	
<b><i>vrf_sim</i></b>	m s <sup>-1</sup>	Simulated rill flow velocity	Derived values (cf. main article)
<b><i>vsf_sim</i></b>	m s <sup>-1</sup>	Simulated sheet flow velocity	
<b><i>SS_Q</i></b>	-	Index for steady state discharge: 1==yes; 0== no	
<b><i>SS_Csed</i></b>	-	Index for steady state sediment concentration: 1==yes; 0== no	
<b><i>CF</i></b>	-	Flow accumulation parameter for rill flow model (Catflow)	