

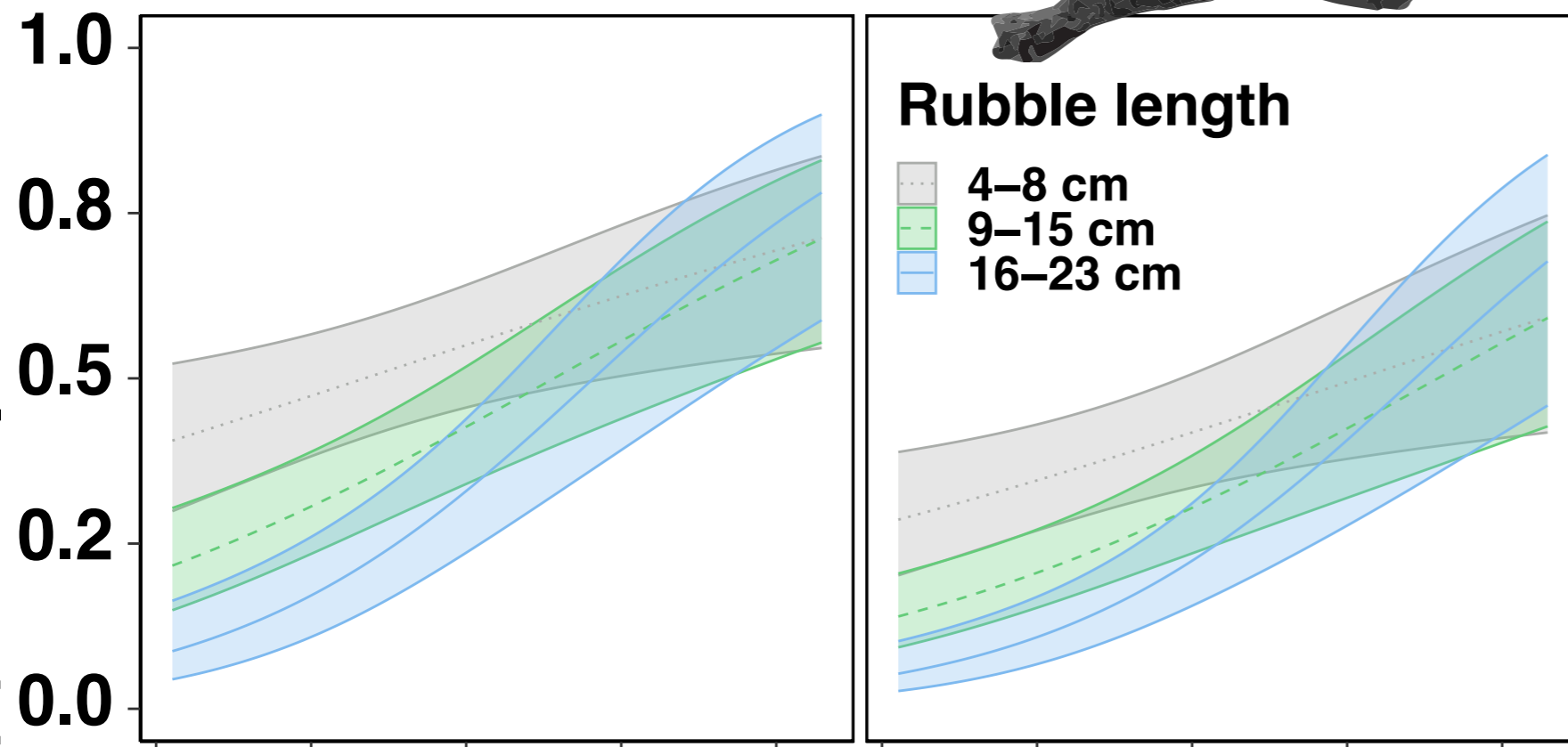
**Unbranched**



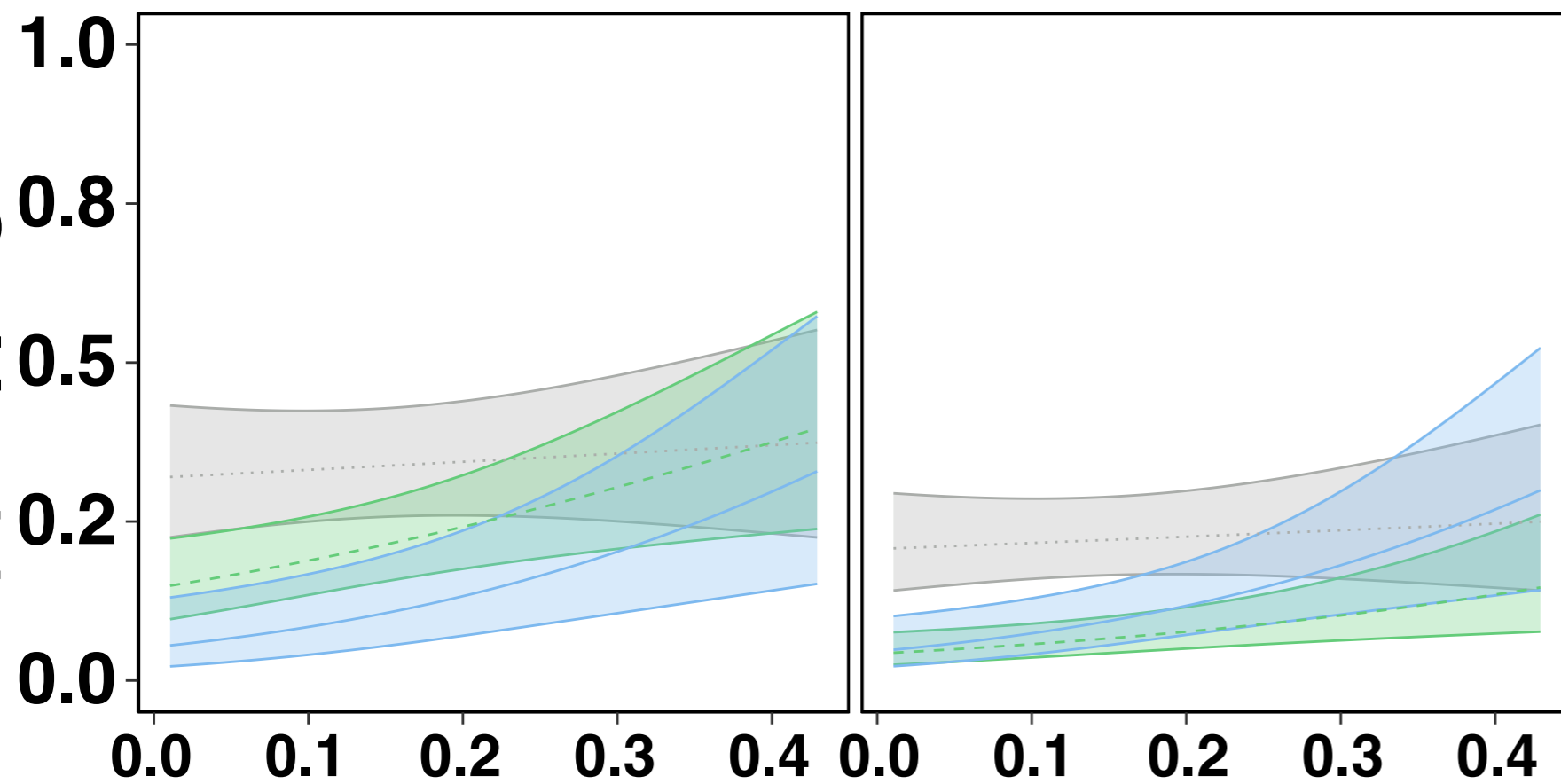
**Branched**



**(a) Transport >1 cm**

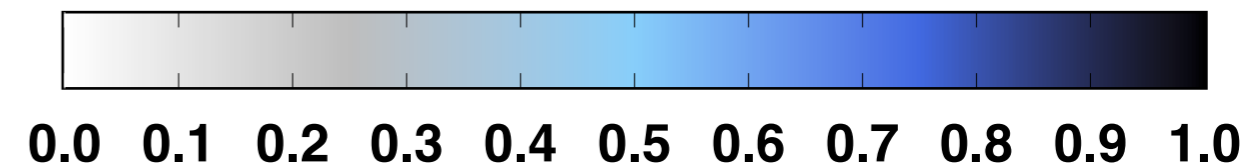


**(b) Flipping**

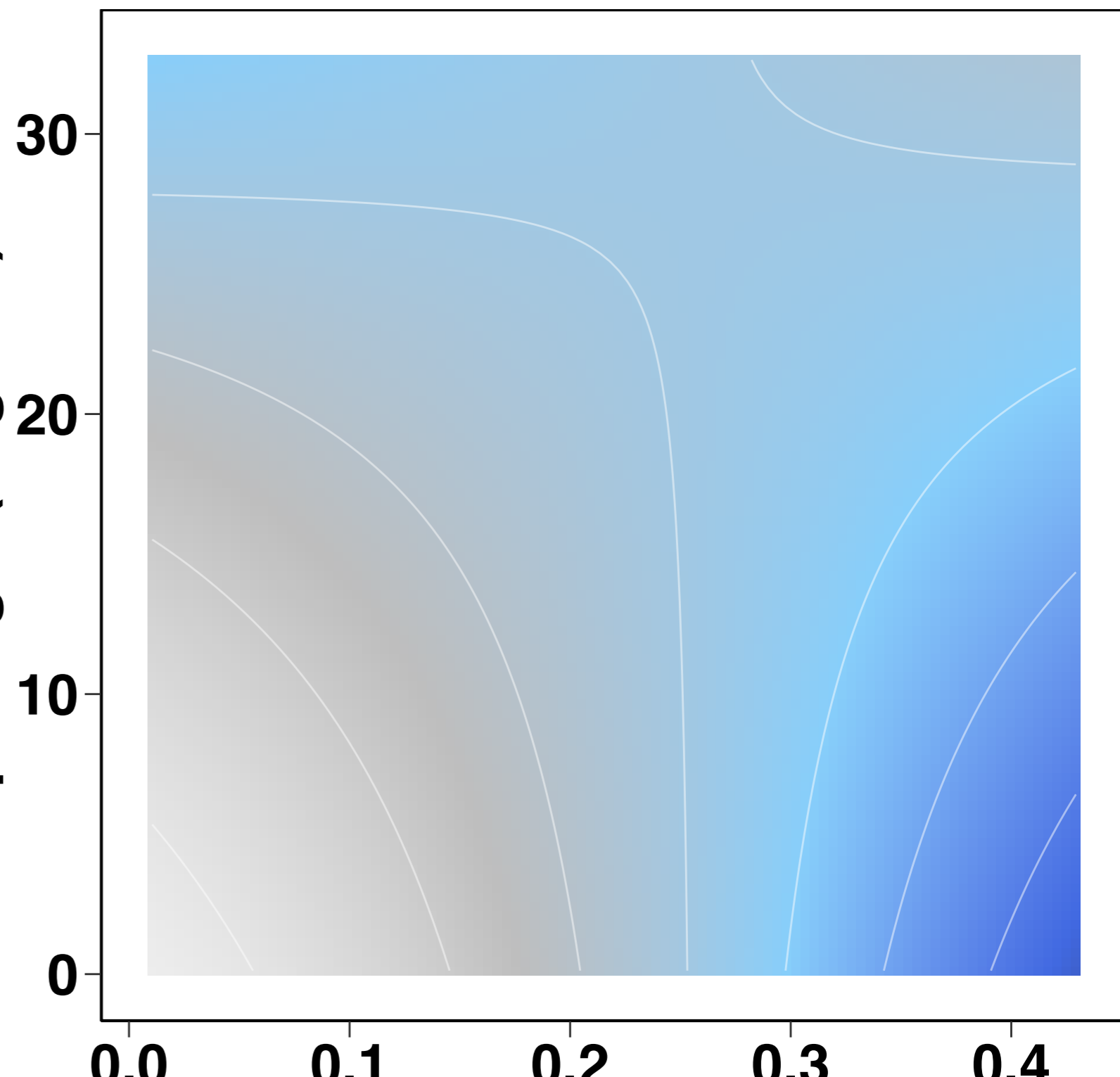


**Near-bed wave orbital velocity (m/s)**

**(c) Transport Probability**



**Slope angle (degrees)**



**Near-bed wave orbital velocity (m/s)**