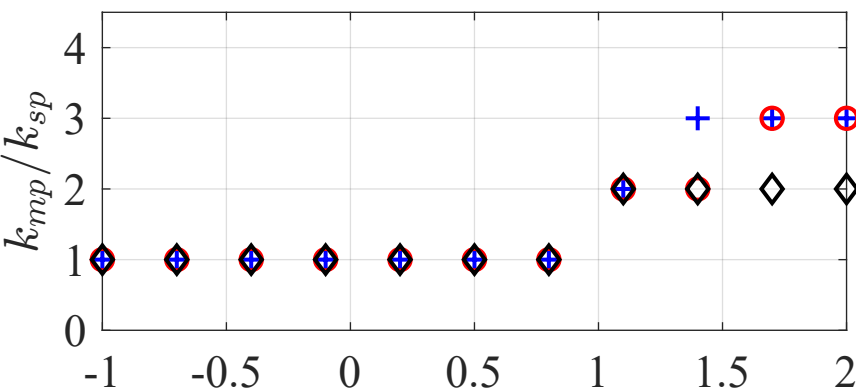
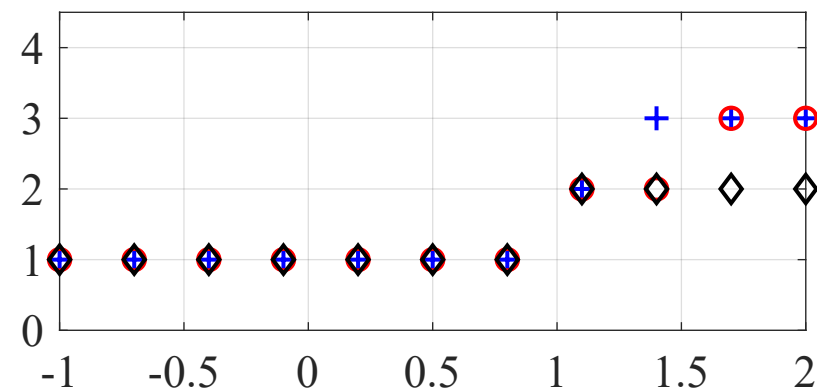
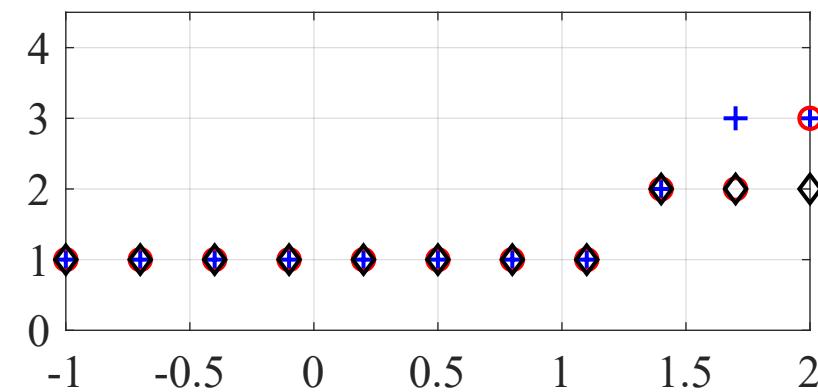
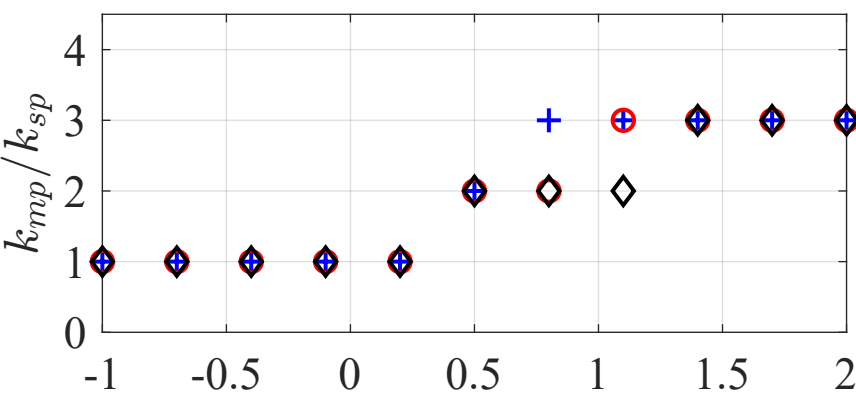
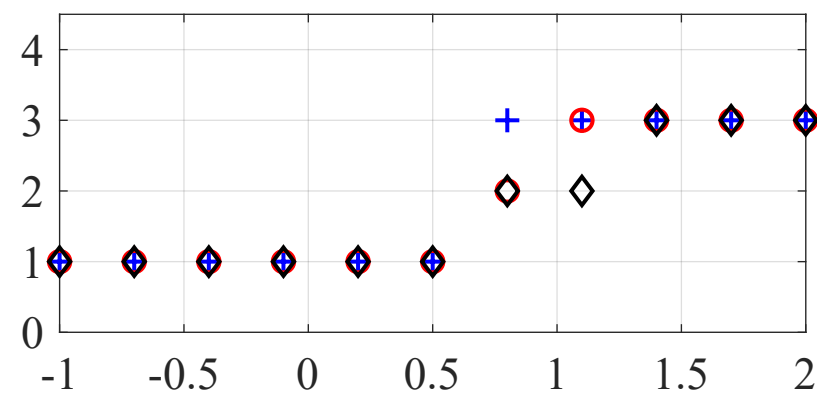
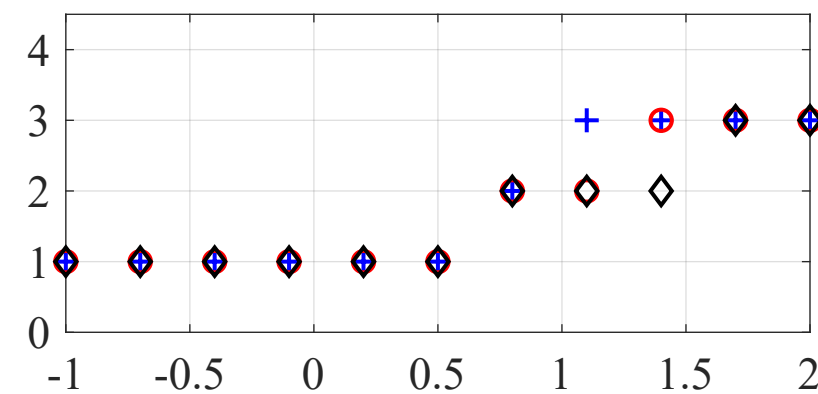
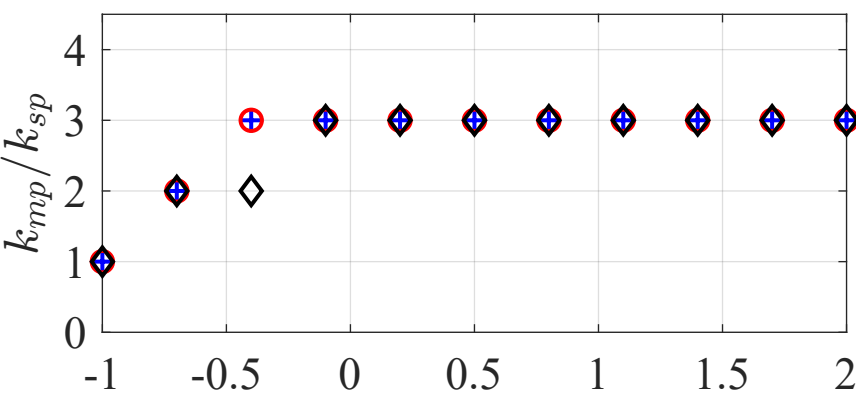
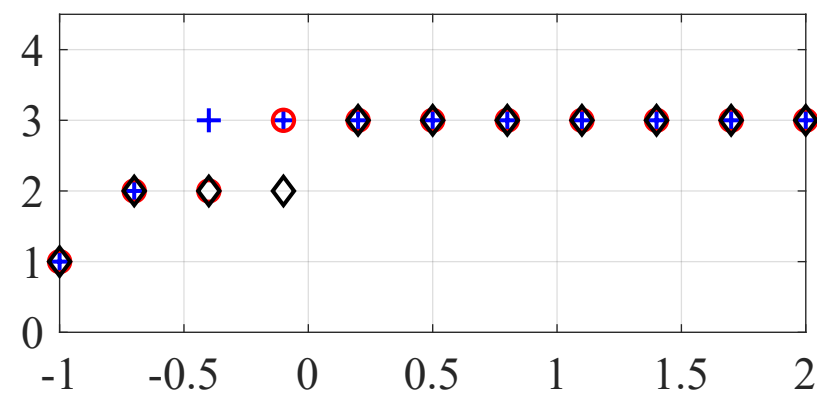


$$\rho = 0 \text{ (bubbles in water)}, \phi = 1\%, u_r = 0$$


$\rho = 0$ (bubbles in water), $\phi = 5\%$, $u_r = 0$


$$\rho = 0 \text{ (bubbles in water)}, \phi = 20\%, u_r = 0$$

$$\rho = 2.56 \text{ (sand in water)}, \phi = 1\%, u_r = 0$$

$$\rho = 2.56 \text{ (sand in water)}, \phi = 5\%, u_r = 0$$

$$\rho = 2.56 \text{ (sand in water)}, \phi = 20\%, u_r = 0$$

$$\rho = 1000 \text{ (drop in air)}, \phi = 1\%, u_r = 0$$

$$\rho = 1000 \text{ (drop in air)}, \phi = 5\%, u_r = 0$$

$$\rho = 1000 \text{ (drop in air)}, \phi = 20\%, u_r = 0$$
