

| Correct PDE                 | $u_t + uu_x - 0.031831u_{xx} = 0$         |
|-----------------------------|---|
| Identified PDE (clean data) | $u_t + 0.99946uu_x - 0.0318253u_{xx} = 0$ |
| Identified PDE (1% noise)   | $u_t + 0.99990uu_x - 0.0318007u_{xx} = 0$ |