### TABLE S1. Summary table characterizing the classroom observations dataset.

| Instructor | Number of lectures observed | Mean number of interactions per lecture | Standard deviation |
|------------|-----------------------------|----------------------------------------|--------------------|
| **2016 Observations** | | | |
| Instructor A | 6 | 10.8 | 4.36 |
| Instructor B | 5 | 10.0 | 3.16 |
| Instructor C | 4 | 15.8 | 8.66 |
| Instructor D | 3 | 9.0 | 7.21 |
| **2017 Observations** | | | |
| Instructor B | 4 | 10.0 | 2.83 |
| Instructor C | 5 | 20.6 | 6.15 |
| Instructor E | 2 | 9.5 | 0.71 |
| Instructor F | 5 | 8.2 | 1.92 |
| Instructor G | 4 | 5.5 | 3.11 |
| Instructor H | 2 | 2.5 | 0.71 |