**S1 Appendix. List the survey questions fielded to students**

|  |  |  |  |
| --- | --- | --- | --- |
| *Perceptions of instructor effectiveness in facilitating group work* |  |  |  |
| Thinking about the group activities you have done in this class, please indicate how often your instructor did the following: |
|  | Never (1) | Sometimes (2) | About half the time (3) | Most of the time (4) | Always (5) |
| Clearly explained the purpose of activities we did in class  | o   | o   | o   | o   | o   |
| Discussed how activities related to my learning  | o   | o   | o   | o   | o   |
| Clearly explained what I was expected to do for activities in class | o   | o   | o   | o   | o   |
| Encouraged us to engage with activities through his/her demeanor  | o   | o   | o   | o   | o   |

*Perceptions of learning*

|  |
| --- |
| Based on your experiences in this class, please indicate how much you agree or disagree with the following statements. |
|  | Strongly disagree (1) |  |  |  | Strongly agree (5) |
| I feel like I learned a great deal from this course.  | o   | o   | o   | o   | o   |

*Task Value*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Please indicate to what degree you feel the following statements are true: | Definitely false (1) | Probably false (2) | Neither true nor false (3) | Probably true (4) | Definitely true (5) |
| I will be able to use what I learn in this course in other courses.  | o   | o   | o   | o   | o   |
| It is important for me to learn the course material in this class.  | o   | o   | o   | o   | o   |
| I am very interested in the content area of this course. | o   | o   | o   | o   | o   |
| I think the course material in this class is useful for me to learn.  | o   | o   | o   | o   | o   |
| I like the subject matter of this course.  | o   | o   | o   | o   | o   |
| Understanding the subject matter of this course is very important to me.  | o   | o   | o   | o   | o   |
|  |  |  |  |  |  |

**List the survey questions fielded to faculty**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Thinking about the group activities you have facilitated in this class, please indicate how often you did the following:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never (1) | Sometimes (2) | About half the time (3) | Most of the time (4) | Always (5) |
| Clearly explained the purpose of activities we did in class  | o   | o   | o   | o   | o   |
| Discussed how this activity related to student learning  | o   | o   | o   | o   | o   |
| Clearly explained what students were expected to do for the activity | o   | o   | o   | o   | o   |
| Encouraged students to engage with the activity | o   | o   | o   | o   | o   |

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