### Supplemental Table: Web survey items

- ☐ I understand the purpose of this survey and agree that my answers may be used for this research purposes.

1. Year of birth
2. Sex: female, male, don’t want to answer
3. Family’s place of residence: Hokkaido/Tohoku, Kanto/Tokyo, Chubu, Kansai/Osaka, Chugoku/Shikoku, Kyushu/Okinawa
4. Population size of your family’s place of residence: >1 million, 200,000-1 million, 50,000-200,000, <50,000
5. Faculty you are currently enrolled in: medicine, dentistry, pharmacy, nursing, other health professions, non-health faculty (education, liberal arts, sciences, technologies)
6. Type of faculty you are currently enrolled in: public, private
7. Location of the faculty you are enrolled in (for public university students only): Hokkaido/Tohoku, Kanto/Tokyo, Chubu, Kansai/Osaka, Chugoku/Shikoku, Kyushu/Okinawa
8. Faculty you took the entrance examinations: medicine, dentistry, pharmacy, nursing, other health professions, non-health faculty (education, liberal arts, sciences, technologies)
9. Type of faculty in which you took the entrance examinations: public, private, both
10. Type of entrance examinations for the present faculty: general entrance examination, recommendation examination, Chiiki-waku
11. Admission to the present faculties: upon graduation of secondary school, 1 year after graduation of secondary school, 2 years, more than 3 years
12. Type of upper secondary school: public, private
13. Did you offer 6-year course in your secondary school?: yes, no
14. Type of elementary school: public, private
15. Tutoring school during elementary school: >5 days/week, 4 days, 3 days, 2 days, 1 day, none
16. Timing of aspiration to the present profession/faculty: upper secondary school, lower secondary school, elementary school
17. Annual family income: >18 million yen, 10-18 million yen, 7-10 million yen, 3.5-7 million yen, <3.5 million yen, do not know
18. Parent educational background: graduate school, university, junior college, upper secondary school, lower secondary school
19. Parent occupation/qualification: physician, dentist, pharmacist, nurse, other health profession, other profession/technical expert, other job, housewife/househusband
20. Preferred future workplace: Hokkaido/Tohoku, Kanto/Tokyo, Chubu, Kansai/Osaka, Chugoku/Shikoku, Kyushu/Okinawa
21. Population size of preferred future workplace: >1 million, 200,000-1 million, 50,000-200,000, <50,000