### APPENDIX

#### Table A1. Relationship between the two ACP questions and the primary outcomes and outcomes related to communication and support in the CODE International Survey, *stratified by country.*

#### Norway:

| Outcome/response variable* | Invited to conversation about wishes for remaining lifetime? (n = 178) | Would have wanted this type of conversation? (n = 77) |
|----------------------------|---------------------------------------------------------------------|-----------------------------------------------------|
|                            | No.  OR  95% CI | P-value | No.  OR  95% CI | P-value |
| Q16: Participant involved in decisions about care | 175 2.4 1.4 to 4.4 | 0.003 | 74 0.6 0.2 to 1.4 | 0.25 |
| Q17: Participant involved in discussions about hydration | 158 3.7 1.9 to 7.6 | <0.001 | 68 1.6 0.5 to 6.4 | 0.45 |
| Q20: Level of emotional support received | 174 2.7 1.5 to 4.8 | <0.001 | 76 0.2 0.1 to 0.5 | 0.001 |
| Q21: Patient’s spiritual needs met | 165 2.2 1.2 to 3.9 | 0.007 | 72 0.6 0.2 to 1.5 | 0.31 |
| Q22: Participant’s spiritual needs met | 166 2.7 1.5 to 4.8 | 0.001 | 73 0.6 0.2 to 1.5 | 0.24 |
| Q23: Informed about impending death | 174 1.1 0.4 to 2.9 | 0.86 | 75 0.2 0.0 to 1.3 | 0.16 |
| Q24: Informed about what to expect in the dying phase | 174 3.1 1.6 to 5.9 | <0.001 | 75 0.6 0.2 to 1.5 | 0.26 |
| Q30: Patient treated with dignity and respect by doctors | 167 4.2 2.1 to 9.0 | <0.001 | 70 0.1 0.0 to 0.4 | 0.001 |
| Q30: Patient treated with dignity and respect by nurses | 177 1.7 0.8 to 3.9 | 0.20 | 76 0.3 0.0 to 1.0 | 0.08 |
| Q31: Participant adequately supported | 172 4.6 1.3 to 21.0 | 0.02 | 73 0.2 0.0 to 1.2 | 0.15 |

#### Argentina:

| Outcome/response variable* | Invited to conversation about wishes for remaining lifetime? (n = 98) | Would have wanted this type of conversation? (n = 40) |
|----------------------------|---------------------------------------------------------------------|-----------------------------------------------------|
|                            | No.  OR  95% CI | P-value | No.  OR  95% CI | P-value |
| Q16: Participant involved in decisions about care | 98 2.9 1.3 to 6.2 | 0.007 | 40 1.5 0.5 to 5.4 | 0.50 |
| Q17: Participant involved in discussions about hydration | 92 2.7 1.2 to 6.4 | 0.02 | 39 0.5 0.1 to 2.1 | 0.35 |
| Q20: Level of emotional support received | 98 3.0 1.4 to 6.8 | 0.006 | 40 0.5 0.1 to 1.6 | 0.25 |
| Q21: Patient’s spiritual needs met | 98 3.4 1.6 to 7.3 | 0.002 | 40 0.4 0.1 to 1.2 | 0.10 |
| Q22: Participant’s spiritual needs met | 98 2.9 1.4 to 6.2 | 0.006 | 40 0.2 0.1 to 0.8 | 0.03 |
| Q23: Informed about impending death | 98 8.5 2.8 to 32.0 | <0.001 | 40 0.6 0.1 to 2.2 | 0.41 |
| Q24: Informed about what to expect in the dying phase | 98 4.7 2.0 to 11.4 | <0.001 | 40 0.3 0.1 to 1.4 | 0.13 |
| Q30: Patient treated with dignity and respect by doctors | 97 1.6 0.7 to 4.1 | 0.28 | 39 0.9 0.2 to 3.5 | 0.84 |
| Q30: Patient treated with dignity and respect by nurses | 96 2.1 0.9 to 4.8 | 0.08 | 39 0.5 0.1 to 1.7 | 0.28 |
| Q31: Participant adequately supported | 98 8.4 2.5 to 38.7 | 0.002 | 40 0.3 0.0 to 1.2 | 0.12 |

The tables show odds ratios from ordinal mixed-effects regression models. Each row shows the results for the corresponding outcome variable. For item Q32a, an OR > 1 indicates that the participants who were invited to an ACP conversation gave more positive responses on the outcome items in the questionnaire. For item Q32b, an OR < 1 indicates that of the participants who were not invited, those who would have wanted such a conversation gave more negative responses on the outcome items; that is, they had unmet needs.

*See Table 1 in the main paper for a complete description.

Abbreviations: No.: number of participants; OR: odds ratio; CI: confidence interval.