### Supplementary Table 2. Severity of depression after subarachnoid hemorrhage

| Study                   | Timing after SAH          | Measurement | Depressive symptom scores (mean ± SD) |
|-------------------------|---------------------------|-------------|---------------------------------------|
|                         |                           |             | On admission (T1)                      |
|                         |                           |             | 1 mo (T2)                             |
|                         |                           |             | 1 yr (T3)                             |
|                         |                           |             | 3 yr (T4)                             |
|                         |                           |             | 5 yr (T5)                             |
| Alfieri et al. (2008)   |                           | BDI         | T1: 17.1 ± 6.5                        |
|                         |                           |             | T2: 22.1 ± 3.6                        |
|                         |                           |             | T3: 19.9 ± 4.8                        |
|                         |                           |             | T4: 14.3 ± 3.8                        |
|                         |                           |             | T5: 13.2 ± 3.8                        |
| Passier et al. (2010)   | 3 mo                      | BDI         | 9.6 ± 6.9                             |
| Passier et al. (2011)   |                           |             | 6.0 (median)                          |
| Passier et al. (2012)   |                           |             | 6.0 (median)                          |
| Powell et al. (2002)    | 3 mo (T1)                 | BDI         | T1: 17.1 ± 6.5                        |
| Powell et al. (2004)    | 9 mo (T2)                 |             | T2: 22.1 ± 3.6                        |
| Ackerman et al. (2017)  | 3 mo (T1)                 | BDI         | T1: 8.9 ± 7.0                         |
|                         | 1 yr (T2)                 |             | T2: 9.3 ± 7.1                         |
|                         | 2–5 yr (T3)               |             | T3: 11.2 ± 8.0                        |
| Fontanella et al. (2003)| 6 mo                      | BDI         | 13.8 (SD NR)                          |
| Orbo et al. (2008)      | 3 mo                      | BDI         | 6 (SD NR)                             |
| Preiss et al. (2007)    | 3 mo                      | BDI         | 6.0 (median)                          |
| Kreitschmann-Andermahr et al. (2007)| Average 27.3 mo (range, 12–66) | BDI | 8.33 ± 5.85 |
| Colledge et al. (2017)  | 44 mo                     | BDI         | 8.9 ± 6.6                             |
| Salmond et al. (2006)   | Average 68 mo (range, 14–99) | BDI | 6.5 ± 1.4 |
| Studies using HADS      |                           | HADS        | T1: 5.0                               |
| von Vogelsang et al. (2015) | 6 mo (T1)               | HADS        | T2: 4.0                               |
|                         | 1 yr (T2)                 |             | T3: 5.0 (median)                      |
| Scherfler et al. (2016) | 1 yr                      | HADS        | 1 (median)                            |
| Visser-Meily et al. (2009)| Average 3 yr (range, 2–4) | HADS | 4.8 ± 3.9 |
| Latimer et al. (2013)   | 40–45 mo                  | HADS        | 6.7                                   |
| Buunk et al., 2015      | Average 4.6 yr (range, 2–10) | HADS | 4.2 ± 4.3 |
| Boerboom et al. (2017)  | Average 4.7 yr (range, NR) | HADS | 3.5 (SD NR) |
| Werner et al. (2007)    | Average 8.9 yr (range, 2.3–18.8) | HADS | 6.2 ± 3.1 |
| von Vogelsang et al. (2013)| Average 10.1 yr (range, 8.8–12) | HADS | 4.0 (median) |
| King et al. (2009)      | NR                        | HADS        | 4.8 ± 3.4                             |
| Studies using other scales |                          |             |                                       |
| Boerboom et al. (2014)  | 0.4 yr (T1)               | CESD        | T1: 13.7 ± 1.2                        |
|                         | 3.9 yr (T2)               |             | T2: 11.9 ± 1.2                        |
| Caeiro et al. (2011)    | ≤4 day                    | MADRS       | 9.2 ± 7.3                             |
| Haug et al. (2009)      | 1 yr                      | MADRS       | 5.5 (SD NR)                           |
| Wong et al. (2012)      | 3 mo                      | GDS         | 7 (median)                            |
| Veitkas et al. (2013)   | Average 4.5 yr (range, 1–10) | GDS | 8.4 ± 6.9 |
| Carter et al. (2000)    | Average NR (range, 1–5 yr) | ZDS         | 45.6 (SD NR)                          |
| Brand et al. (2015)     | 5–9 mo                    | Depression Skala | 1.42 ± 0.29 |
| Pačič-Turk et al. (2016) | 11 mo (T1)              | Cornell personality questionnaire | T1: 1.93 |
|                         | 12–48 mo (T2)             |             | T2: 2.65                              |
| Kronvall et al. (2016)  | 3–6 mo (T1)               | Psychological General | T1: 15.0 ± 3.5 |
|                         | 6–12 mo (T2)              |             | T2: 15.3 ± 2.9                        |
|                         | 12–24 mo (T3)             |             | T3: 15.8 ± 2.9                        |

SAH, subarachnoid hemorrhage; SD, standard deviation; BDI, Beck Depression Inventory; NR, not reported; HADS, Hospital Anxiety Depression Scale; CESD, Center for Epidemiologic Studies Depression; MADRS, Montgomery Åsberg Depression Rating Scale; GDS, Geriatric Depression Scale; ZDS, Zung Depression Scale.