Prognostic Role of CSF β-amyloid 1–42/1–40 Ratio in Patients Affected by Amyotrophic Lateral Sclerosis

Tiziana Colletti, Luisa Agnello, Rossella Spataro, Lavinia Guccione, Antonietta Notaro, Bruna Lo Sasso, Valeria Blandino, Fabiola Graziano, Caterina Maria Gambino, Rosaria Vincenza Giglio, Giulia Bivona, Vincenzo La Bella, Marcello Ciaccio, and Tommaso Piccoli

Supplementary Table 1. Neuropsychologic assessment of ALS patients by FrSBe, MMSE and ECAS at time of diagnosis (baseline).

| Neuropsychologic Tests | Median | IQR       |
|------------------------|--------|-----------|
| FrSBe                  | 53     | 45.5-57.5 |
| MMSE                   | 27.7   | 24.3-29.5 |
| ECAS                   | 101    | 85-115    |

Supplementary Table 2. Multivariate Cox regression analysis for overall survival for ALS patients considering their comorbidities.

| Parameters                  | b   | ± SE  | p    | HR  | 95% C.I.     |
|-----------------------------|-----|-------|------|-----|--------------|
| Smoke (yes vs no)           | -0.090 | 0.410 | 0.826 | 0.914 | 0.409-2.041 |
| Dermatological disorders (yes vs no) | -0.424 | 0.671 | 0.528 | 0.655 | 0.176-2.438 |
| Respiratory disorders (yes vs no) | 0.207 | 0.469 | 0.659 | 1.230 | 0.491-3.084 |
| Otorhinolaryngological disorders (yes vs no) | 0.260 | 0.576 | 0.652 | 1.297 | 0.419-4.015 |
| Eye disorders (yes vs no)   | 0.610 | 0.595 | 0.306 | 1.840 | 0.573-5.904 |
| Cardiovascular disorders (yes vs no) | 0.623 | 0.319 | 0.05  | 1.865 | 0.999-3.483 |
| Muscle-Skeletal disorders (yes vs no) | 0.129 | 0.337 | 0.702 | 1.137 | 0.588-2.201 |
| Gastroenteric disorders (yes vs no) | -0.220 | 0.313 | 0.492 | 0.803 | 0.434-1.484 |
| Genitourinary disorders (yes vs no) | 0.018 | 0.436 | 0.917 | 0.815 | 0.363-1.827 |
| Dysmetabolic disorders (yes vs no) | -0.205 | 0.412 | 0.619 | 0.815 | 0.363-1.827 |
| Psychic disorders (yes vs no) | -0.012 | 0.456 | 0.979 | 0.988 | 0.404-2.416 |
| Hematologic disorders (yes vs no) | -0.22 | 0.524 | 0.675 | 0.803 | 0.288-2.240 |
| Aβ 42/40 ratio              | -22.0018.8890.013* | 2.79E-100.000-0.010 |