Table 1. Describe auxiliary variables

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Control | | Treatment | | Total | |
| Variable | Categories | N | % | N | % | N | % |
| ECOGPS | 0 | 59 | 33.7% | 111 | 31.7% | 170 | 32.4% |
|  | 1 | 116 | 66.3% | 238 | 68% | 354 | 67.4% |
|  | 2 | 0 | 0% | 1 | 0.3% | 1 | 0.2% |
|  |  |  |  |  |  |  |  |
| SX\_SYS | 2 | 76 | 43.4% | 138 | 39.4% | 214 | 40.8% |
|  | Yes | 99 | 56.6% | 212 | 60.6% | 311 | 59.2% |
|  |  |  |  |  |  |  |  |
| PD\_LT6 | No | 96 | 54.9% | 236 | 67.4% | 332 | 63.2% |
|  | Yes | 79 | 45.1% | 114 | 32.6% | 193 | 36.8% |
|  |  |  |  |  |  |  |  |
| CYCLES |  | 4.2 (2.6) |  | 4.8 (2.9) |  | 4.6 (2.8) |  |
| SURV\_DUR |  | 297.6 (223.8) |  | 342.1 (226.1) |  | 327.3 (226.1) |  |
| Total |  | 175 | 33.3% | 350 | 66.7% | 525 |  |

|  |
| --- |
| Table 2. Descriptive stats from raw data |

|  | | **FACT-TOI (0-100)** | | | |
| --- | --- | --- | --- | --- | --- |
| **N** | **Mean** | **Std** | **NMiss** |
| **Experimental Tx** | **Time Point** | 168 | 64.84 | 15.82 | 7 |
| **0** | **Baseline** |
| **6 Weeks** | 103 | 64.63 | 15.43 | 72 |
| **12 Weeks** | 80 | 65.92 | 17.49 | 95 |
| **26 Weeks** | 53 | 65.32 | 15.39 | 122 |
| **1** | **Baseline** | 332 | 65.88 | 16.21 | 18 |
| **6 Weeks** | 251 | 65.63 | 15.96 | 99 |
| **12 Weeks** | 190 | 65.32 | 15.32 | 160 |
| **26 Weeks** | 129 | 64.64 | 15.63 | 221 |

Table 3. Missingness by reason for each time period and treatment arm

|  | | **qol\_simp** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **.** | **Missing from Death** | **Missing from Illne** | **Missing from Other** | **Missing from Staff** | **Not Missing** |
| **N** | **N** | **N** | **N** | **N** | **N** |
| **Experimental Tx** | **Time Point** | 2 | . | . | 1 | 2 | 170 |
| **0** | **Baseline** |
| **6 Weeks** | 9 | 16 | 3 | 22 | 19 | 106 |
| **12 Weeks** | 7 | 34 | 1 | 27 | 24 | 82 |
| **26 Weeks** | 6 | 64 | 2 | 24 | 26 | 53 |
| **1** | **Baseline** | 2 | . | . | . | 5 | 343 |
| **6 Weeks** | 10 | 25 | . | 25 | 34 | 256 |
| **12 Weeks** | 12 | 50 | 2 | 42 | 50 | 194 |
| **26 Weeks** | 14 | 106 | 1 | 58 | 41 | 130 |

Table 4. Change from baseline at each time point by arm.

| **Label** | **Estimate** | **Standard Error** | **DF** | **t Value** | **Pr > |t|** | **Alpha** | **Lower** | **Upper** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6 weeks, control** | -2.4676 | 1.5093 | 778 | -1.63 | 0.1025 | 0.05 | -5.4304 | 0.4951 |
| **12 weeks, control** | -1.9507 | 1.6518 | 778 | -1.18 | 0.2380 | 0.05 | -5.1933 | 1.2919 |
| **26 weeks, control** | -4.7404 | 1.9488 | 778 | -2.43 | 0.0152 | 0.05 | -8.5660 | -0.9148 |
| **6 weeks, treatment** | -1.3471 | 0.9886 | 778 | -1.36 | 0.1734 | 0.05 | -3.2877 | 0.5935 |
| **12 weeks, treatment** | -3.1504 | 1.0893 | 778 | -2.89 | 0.0039 | 0.05 | -5.2887 | -1.0120 |
| **26 weeks, treatment** | -5.1653 | 1.2623 | 778 | -4.09 | <.0001 | 0.05 | -7.6433 | -2.6873 |

Table 5. Difference and average difference between intervention arms and control arms and 95% CI

| **Estimates** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Label** | **Estimate** | **Standard Error** | **DF** | **t Value** | **Pr > |t|** | **Alpha** | **Lower** | **Upper** |
| **Difference at baseline** | 1.1187 | 1.5285 | 778 | 0.73 | 0.4645 | 0.05 | -1.8818 | 4.1192 |
| **6 weeks** | 2.2392 | 1.7948 | 778 | 1.25 | 0.2126 | 0.05 | -1.2841 | 5.7625 |
| **12 weeks** | -0.08096 | 1.9783 | 778 | -0.04 | 0.9674 | 0.05 | -3.9645 | 3.8025 |
| **26 weeks** | 0.6938 | 2.3182 | 778 | 0.30 | 0.7648 | 0.05 | -3.8568 | 5.2444 |
| **treatment effect, post-baseline avg** | 0.9507 | 1.5250 | 778 | 0.62 | 0.5332 | 0.05 | -2.0430 | 3.9444 |

Table 6. Comparison of mixed-model to MI.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Est.** | **SE** | **Lower** | **Upper** | **Est.** | **SE** | **Lower** | **Upper** |
| **Diff at baseline** | 1.12 | 1.53 | -1.88 | 4.12 | 0.82 | 1.52 | -2.16 | 3.80 |
| **6 weeks** | 2.24 | 1.79 | -1.28 | 5.76 | 2.18 | 1.78 | -1.31 | 5.67 |
| **12 weeks** | -0.08 | 1.98 | -3.96 | 3.80 | -0.35 | 2.05 | -4.37 | 3.66 |
| **26 weeks** | 0.69 | 2.32 | -3.86 | 5.24 | 2.56 | 2.46 | -2.26 | 7.38 |