**Table S1. Odds ratios and estimated probabilities (reported as percentages) of experiencing pain or fatigue last week**

| **Variable** | **OR** | **OR Lower 95% CI** | **OR Upper 95% CI** | **Estimated Percent Reporting Outcome** | **Estimated Percent Lower 95% CI** | **Estimated Percent Upper 95% CI** |
| --- | --- | --- | --- | --- | --- | --- |
| ***Outcome: Pain last week*** |  |  |  |  |  |  |
| *Reference case probability: 56.47%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 56.47% | 49.20% | 63.73% |
| Male | 0.64 | 0.51 | 0.79 | 46.49% | 38.37% | 54.60% |
| 18-29 years old | 0.83 | 0.68 | 1.01 | 51.99% | 44.34% | 59.64% |
| 30-39 years old (reference) | 1.00 |  |  | 56.47% | 49.20% | 63.73% |
| 40-49 years old | 1.30 | 1.03 | 1.62 | 63.52% | 55.68% | 71.35% |
| 50+ years old | 1.39 | 0.97 | 2.00 | 63.43% | 53.50% | 73.35% |
| Baseline CD4 count 0-49 | 0.92 | 0.75 | 1.12 | 54.42% | 46.47% | 62.38% |
| Baseline CD4 count 50-99 | 0.92 | 0.73 | 1.16 | 54.23% | 45.83% | 62.63% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 56.47% | 49.20% | 63.73% |
| Baseline CD4 count ≥200 | 0.78 | 0.58 | 1.04 | 49.24% | 39.42% | 59.06% |
| Current CD4 count 0-49 | 1.47 | 0.94 | 2.32 | 64.10% | 52.92% | 75.28% |
| Current CD4 count 50-99 | 1.47 | 1.02 | 2.12 | 64.84% | 54.86% | 74.82% |
| Current CD4 count 100-199 (reference) | 1.00 |  |  | 56.47% | 49.20% | 63.73% |
| Current CD4 count ≥200 | 0.85 | 0.69 | 1.03 | 52.66% | 44.84% | 60.48% |
| -3 to 0 months | 1.77 | 1.00 | 3.15 | 68.99% | 60.42% | 77.57% |
| 0 to 1 months (reference) | 1.00 |  |  | 56.47% | 49.20% | 63.73% |
| 1 to 3 months | 0.95 | 0.54 | 1.68 | 52.10% | 44.66% | 59.55% |
| 3 to 6 months | 0.90 | 0.53 | 1.52 | 51.62% | 44.86% | 58.38% |
| 6 to 9 months | 1.05 | 0.62 | 1.77 | 55.42% | 47.95% | 62.89% |
| 9 to 12 months | 0.82 | 0.48 | 1.42 | 49.71% | 42.09% | 57.34% |
| 12 to 18 months | 0.78 | 0.46 | 1.30 | 48.32% | 41.60% | 55.04% |
| 18 to 24 months | 0.66 | 0.40 | 1.11 | 43.09% | 36.51% | 49.66% |
| 24 to 30 months | 0.45 | 0.27 | 0.76 | 35.12% | 29.27% | 40.98% |
| 30 to 36 months | 0.45 | 0.27 | 0.76 | 34.92% | 28.86% | 40.97% |
| 36 to 42 months | 0.52 | 0.31 | 0.87 | 37.88% | 31.75% | 44.01% |
| 42 to 48 months | 0.36 | 0.21 | 0.60 | 30.56% | 25.22% | 35.90% |
| 48 to 54 months | 0.34 | 0.20 | 0.58 | 29.14% | 23.34% | 34.95% |
| 54 to 60 months | 0.23 | 0.13 | 0.41 | 21.64% | 16.28% | 27.01% |
| 60 to 66 months | 0.22 | 0.12 | 0.39 | 17.38% | 12.50% | 22.25% |
| ***Outcome: Fatigue last week*** |  |  |  |  |  |  |
| *Reference case probability: 51.69%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 51.69% | 44.01% | 59.36% |
| Male | 0.73 | 0.58 | 0.93 | 45.22% | 36.42% | 54.02% |
| 18-29 years old | 0.92 | 0.72 | 1.17 | 52.11% | 43.86% | 60.35% |
| 30-39 years old (reference) | 1.00 |  |  | 51.69% | 44.01% | 59.36% |
| 40-49 years old | 1.08 | 0.83 | 1.42 | 55.16% | 46.46% | 63.85% |
| 50+ years old | 1.17 | 0.81 | 1.68 | 56.99% | 46.83% | 67.16% |
| Baseline CD4 count 0-49 | 0.78 | 0.61 | 0.99 | 49.15% | 41.10% | 57.19% |
| Baseline CD4 count 50-99 | 0.85 | 0.63 | 1.13 | 49.69% | 41.12% | 58.26% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 51.69% | 44.01% | 59.36% |
| Baseline CD4 count ≥200 | 0.58 | 0.40 | 0.83 | 40.62% | 30.54% | 50.70% |
| Current CD4 count 0-49 | 1.26 | 0.80 | 1.99 | 57.93% | 45.83% | 70.03% |
| Current CD4 count 50-99 | 1.21 | 0.83 | 1.75 | 56.29% | 44.89% | 67.68% |
| Current CD4 count 100-199 (reference) | 1.00 |  |  | 51.69% | 44.01% | 59.36% |
| Current CD4 count ≥200 | 0.83 | 0.67 | 1.02 | 48.49% | 40.10% | 56.89% |
| -3 to 0 months | 1.04 | 0.60 | 1.77 | 62.19% | 53.26% | 71.12% |
| 0 to 1 months (reference) | 1.00 |  |  | 51.69% | 44.01% | 59.36% |
| 1 to 3 months | 0.60 | 0.34 | 1.05 | 49.32% | 41.32% | 57.32% |
| 3 to 6 months | 0.36 | 0.22 | 0.59 | 35.55% | 28.78% | 42.32% |
| 6 to 9 months | 0.34 | 0.20 | 0.57 | 34.59% | 26.92% | 42.27% |
| 9 to 12 months | 0.30 | 0.18 | 0.50 | 30.71% | 23.39% | 38.03% |
| 12 to 18 months | 0.26 | 0.16 | 0.44 | 28.66% | 22.46% | 34.86% |
| 18 to 24 months | 0.21 | 0.13 | 0.35 | 24.17% | 18.28% | 30.07% |
| 24 to 30 months | 0.15 | 0.09 | 0.25 | 18.88% | 14.13% | 23.63% |
| 30 to 36 months | 0.11 | 0.06 | 0.18 | 14.46% | 10.41% | 18.51% |
| 36 to 42 months | 0.14 | 0.09 | 0.24 | 17.07% | 12.68% | 21.47% |
| 42 to 48 months | 0.09 | 0.05 | 0.15 | 11.89% | 8.15% | 15.63% |
| 48 to 54 months | 0.04 | 0.02 | 0.08 | 6.77% | 4.16% | 9.38% |
| 54 to 60 months | 0.03 | 0.02 | 0.06 | 5.65% | 2.98% | 8.32% |
| 60 to 66 months | 0.05 | 0.03 | 0.11 | 6.92% | 3.64% | 10.20% |

**Table S2. Odds ratios and estimated probabilities (reported as percentages) of being unable to perform normal activities last week, having a job now, and having difficulty performing the job**

| **Variable** | **OR** | **OR Lower 95% CI** | **OR Upper 95% CI** | **Estimated Percent Reporting Outcome** | **Estimated Percent Lower 95% CI** | **Estimated Percent Upper 95% CI** |
| --- | --- | --- | --- | --- | --- | --- |
| ***Outcome: Unable to perform normal activities last week*** | | |  |  |  |  |
| *Reference case probability: 39.08%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 39.08% | 31.30% | 46.86% |
| Male | 0.76 | 0.58 | 1.00 | 33.94% | 25.40% | 42.49% |
| 18-29 years old | 0.95 | 0.73 | 1.25 | 38.52% | 30.32% | 46.73% |
| 30-39 years old (reference) | 1.00 |  |  | 39.08% | 31.30% | 46.86% |
| 40-49 years old | 1.23 | 0.91 | 1.67 | 45.28% | 35.94% | 54.62% |
| 50+ years old | 1.15 | 0.74 | 1.79 | 41.52% | 29.97% | 53.07% |
| Baseline CD4 count 0-49 | 0.80 | 0.60 | 1.05 | 36.76% | 28.83% | 44.70% |
| Baseline CD4 count 50-99 | 0.83 | 0.61 | 1.15 | 37.34% | 28.63% | 46.05% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 39.08% | 31.30% | 46.86% |
| Baseline CD4 count ≥200 | 0.58 | 0.39 | 0.87 | 27.29% | 18.57% | 36.01% |
| Current CD4 count 0-49 | 0.94 | 0.57 | 1.54 | 35.96% | 23.99% | 47.92% |
| Current CD4 count 50-99 | 1.63 | 1.10 | 2.43 | 49.63% | 37.15% | 62.10% |
| Current CD4 count 100-199(reference) | 1.00 |  |  | 39.08% | 31.30% | 46.86% |
| Current CD4 count ≥200 | 0.74 | 0.59 | 0.94 | 32.97% | 25.18% | 40.75% |
| -3 to 0 months | 1.29 | 0.74 | 2.24 | 47.24% | 37.56% | 56.92% |
| 0 to 1 months (reference) | 1.00 |  |  | 39.08% | 31.30% | 46.86% |
| 1 to 3 months | 0.89 | 0.50 | 1.61 | 38.55% | 30.35% | 46.75% |
| 3 to 6 months | 0.62 | 0.36 | 1.06 | 29.72% | 23.12% | 36.33% |
| 6 to 9 months | 0.55 | 0.32 | 0.97 | 27.56% | 20.21% | 34.90% |
| 9 to 12 months | 0.45 | 0.26 | 0.81 | 23.49% | 16.60% | 30.38% |
| 12 to 18 months | 0.47 | 0.27 | 0.81 | 22.78% | 16.99% | 28.56% |
| 18 to 24 months | 0.37 | 0.21 | 0.65 | 19.21% | 13.43% | 24.98% |
| 24 to 30 months | 0.22 | 0.12 | 0.38 | 12.66% | 8.55% | 16.78% |
| 30 to 36 months | 0.21 | 0.12 | 0.37 | 13.02% | 9.00% | 17.05% |
| 36 to 42 months | 0.26 | 0.15 | 0.45 | 13.83% | 9.54% | 18.13% |
| 42 to 48 months | 0.14 | 0.08 | 0.25 | 9.95% | 6.29% | 13.61% |
| 48 to 54 months | 0.14 | 0.08 | 0.26 | 8.24% | 5.05% | 11.42% |
| 54 to 60 months | 0.12 | 0.06 | 0.22 | 7.40% | 4.18% | 10.63% |
| 60 to 66 months | 0.11 | 0.05 | 0.23 | 5.35% | 2.69% | 8.01% |
| ***Outcome: Job now*** |  |  |  |  |  |  |
| *Reference case probability: 30.11%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 30.11% | 23.19% | 37.04% |
| Male | 1.31 | 0.95 | 1.81 | 37.09% | 27.80% | 46.38% |
| 18-29 years old | 0.72 | 0.53 | 0.99 | 24.61% | 17.73% | 31.49% |
| 30-39 years old (reference) | 1.00 |  |  | 30.11% | 23.19% | 37.04% |
| 40-49 years old | 1.27 | 0.88 | 1.82 | 33.85% | 24.68% | 43.03% |
| 50+ years old | 0.89 | 0.50 | 1.57 | 27.75% | 15.86% | 39.64% |
| Baseline CD4 count 0-49 | 0.91 | 0.67 | 1.25 | 28.24% | 21.24% | 35.23% |
| Baseline CD4 count 50-99 | 0.97 | 0.67 | 1.39 | 28.99% | 21.03% | 36.95% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 30.11% | 23.19% | 37.04% |
| Baseline CD4 count ≥200 | 0.98 | 0.62 | 1.54 | 30.59% | 20.09% | 41.09% |
| 6 month lag CD4 count 0-49 | 0.85 | 0.60 | 1.20 | 29.42% | 19.90% | 38.93% |
| 6 month lag CD4 count 50-99 | 0.98 | 0.74 | 1.30 | 30.77% | 21.75% | 39.79% |
| 6 month lag CD4 count 100-199 (reference) | 1.00 |  |  | 30.11% | 23.19% | 37.04% |
| 6 month lag CD4 count ≥200 | 1.34 | 1.11 | 1.61 | 36.12% | 27.94% | 44.30% |
| -3 to 0 months | 1.31 | 0.72 | 2.41 | 32.32% | 24.81% | 39.84% |
| 0 to 1 months (reference) | 1.00 |  |  | 30.11% | 23.19% | 37.04% |
| 1 to 3 months | 0.72 | 0.40 | 1.30 | 28.71% | 21.92% | 35.49% |
| 3 to 6 months | 0.93 | 0.62 | 1.40 | 31.40% | 25.25% | 37.54% |
| 6 to 9 months | 0.65 | 0.42 | 1.02 | 28.11% | 21.63% | 34.59% |
| 9 to 12 months | 0.80 | 0.51 | 1.25 | 31.90% | 24.78% | 39.02% |
| 12 to 18 months | 0.88 | 0.58 | 1.32 | 34.33% | 27.67% | 40.98% |
| 18 to 24 months | 1.09 | 0.71 | 1.67 | 39.23% | 31.93% | 46.52% |
| 24 to 30 months | 1.09 | 0.72 | 1.67 | 39.43% | 32.24% | 46.62% |
| 30 to 36 months | 1.20 | 0.78 | 1.83 | 41.43% | 34.23% | 48.63% |
| 36 to 42 months | 1.16 | 0.75 | 1.79 | 41.29% | 33.98% | 48.60% |
| 42 to 48 months | 1.22 | 0.79 | 1.88 | 42.29% | 34.89% | 49.69% |
| 48 to 54 months | 1.20 | 0.78 | 1.85 | 42.04% | 34.44% | 49.64% |
| 54 to 60 months | 1.33 | 0.85 | 2.08 | 44.67% | 36.84% | 52.49% |
| 60 to 66 months | 1.25 | 0.80 | 1.96 | 43.76% | 35.88% | 51.65% |
| ***Outcome: Difficulty performing job*** |  |  |  |  |  |  |
| *Reference case probability: 33.02%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 33.02% | 20.58% | 45.46% |
| Male | 0.80 | 0.54 | 1.19 | 29.89% | 16.49% | 43.29% |
| 18-29 years old | 0.93 | 0.60 | 1.42 | 30.44% | 17.29% | 43.60% |
| 30-39 years old (reference) | 1.00 |  |  | 33.02% | 20.58% | 45.46% |
| 40-49 years old | 1.43 | 0.90 | 2.28 | 37.47% | 21.74% | 53.20% |
| 50+ years old | 0.78 | 0.38 | 1.62 | 26.11% | 9.51% | 42.70% |
| Baseline CD4 count 0-49 | 1.31 | 0.85 | 2.00 | 40.91% | 26.10% | 55.73% |
| Baseline CD4 count 50-99 | 1.57 | 0.96 | 2.57 | 38.98% | 23.91% | 54.06% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 33.02% | 20.58% | 45.46% |
| Baseline CD4 count ≥200 | 1.14 | 0.64 | 2.04 | 33.15% | 17.23% | 49.06% |
| Current CD4 count 0-49 | 1.14 | 0.43 | 3.06 | 36.58% | 13.24% | 59.92% |
| Current CD4 count 50-99 | 0.61 | 0.25 | 1.50 | 26.22% | 6.10% | 46.33% |
| Current CD4 count 100-199 (reference) | 1.00 |  |  | 33.02% | 20.58% | 45.46% |
| Current CD4 count ≥200 | 0.76 | 0.43 | 1.33 | 30.59% | 16.69% | 44.49% |
| -3 to 0 months | 2.50 | 0.77 | 8.14 | 55.89% | 38.16% | 73.62% |
| 0 to 1 months (reference) | 1.00 |  |  | 33.02% | 20.58% | 45.46% |
| 1 to 3 months | 0.69 | 0.20 | 2.38 | 21.71% | 10.09% | 33.33% |
| 3 to 6 months | 0.37 | 0.11 | 1.19 | 14.64% | 5.07% | 24.21% |
| 6 to 9 months | 0.23 | 0.04 | 1.29 | 10.20% | -3.21% | 23.60% |
| 9 to 12 months | 0.38 | 0.08 | 1.79 | 13.95% | -1.03% | 28.93% |
| 12 to 18 months | 0.20 | 0.06 | 0.72 | 8.31% | 1.63% | 14.99% |
| 18 to 24 months | 0.26 | 0.09 | 0.76 | 10.76% | 4.12% | 17.40% |
| 24 to 30 months | 0.16 | 0.05 | 0.49 | 6.52% | 2.34% | 10.71% |
| 30 to 36 months | 0.17 | 0.06 | 0.52 | 7.31% | 2.99% | 11.62% |
| 36 to 42 months | 0.28 | 0.10 | 0.82 | 11.08% | 5.57% | 16.60% |
| 42 to 48 months | 0.12 | 0.04 | 0.38 | 5.65% | 2.15% | 9.15% |
| 48 to 54 months | 0.07 | 0.02 | 0.25 | 3.63% | 0.77% | 6.49% |
| 54 to 60 months | 0.08 | 0.02 | 0.29 | 3.04% | 0.57% | 5.51% |
| 60 to 66 months | 0.10 | 0.03 | 0.36 | 5.85% | 1.46% | 10.24% |

**Table S3. Odds ratios and estimated probabilities (reported as percentages) of receiving a disability grant and relying on a caretaker**

| **Variable** | **OR** | **OR Lower 95% CI** | **OR Upper 95% CI** | **Estimated Percent Reporting Outcome** | **Estimated Percent Lower 95% CI** | **Estimated Percent Upper 95% CI** |
| --- | --- | --- | --- | --- | --- | --- |
| ***Outcome: Receiving a disability grant*** |  |  |  |  |  |  |
| *Reference case probability: 15.59%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 15.59% | 9.22% | 21.95% |
| Male | 0.78 | 0.52 | 1.15 | 11.80% | 5.62% | 17.98% |
| 18-29 years old | 0.88 | 0.60 | 1.29 | 14.14% | 7.90% | 20.38% |
| 30-39 years old (reference) | 1.00 |  |  | 15.59% | 9.22% | 21.95% |
| 40-49 years old | 1.01 | 0.66 | 1.55 | 16.70% | 8.97% | 24.43% |
| 50+ years old | 1.62 | 0.86 | 3.07 | 22.90% | 10.53% | 35.27% |
| Baseline CD4 count 0-49 | 2.11 | 1.43 | 3.12 | 26.52% | 17.41% | 35.63% |
| Baseline CD4 count 50-99 | 1.37 | 0.86 | 2.18 | 21.42% | 12.37% | 30.47% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 15.59% | 9.22% | 21.95% |
| Baseline CD4 count ≥200 | 1.05 | 0.58 | 1.92 | 16.75% | 7.30% | 26.21% |
| 6 month lag CD4 count 0-49 | 0.68 | 0.43 | 1.08 | 12.51% | 5.41% | 19.61% |
| 6 month lag CD4 count 50-99 | 1.19 | 0.87 | 1.64 | 20.09% | 11.00% | 29.17% |
| 6 month lag CD4 count 100-199 (reference) | 1.00 |  |  | 15.59% | 9.22% | 21.95% |
| 6 month lag CD4 count ≥200 | 0.73 | 0.58 | 0.90 | 12.29% | 6.79% | 17.79% |
| -3 to 0 months | 1.36 | 0.48 | 3.83 | 17.83% | 9.94% | 25.73% |
| 0 to 1 months (reference) | 1.00 |  |  | 15.59% | 9.22% | 21.95% |
| 1 to 3 months | 2.12 | 0.83 | 5.42 | 20.30% | 13.16% | 27.44% |
| 3 to 6 months | 1.54 | 0.64 | 3.67 | 20.36% | 14.39% | 26.32% |
| 6 to 9 months | 2.23 | 0.95 | 5.22 | 29.42% | 21.22% | 37.62% |
| 9 to 12 months | 1.73 | 0.75 | 3.99 | 23.89% | 16.70% | 31.08% |
| 12 to 18 months | 1.35 | 0.58 | 3.12 | 20.03% | 13.59% | 26.48% |
| 18 to 24 months | 1.19 | 0.52 | 2.74 | 18.35% | 12.43% | 24.26% |
| 24 to 30 months | 0.95 | 0.41 | 2.18 | 15.04% | 9.88% | 20.21% |
| 30 to 36 months | 0.92 | 0.40 | 2.10 | 14.60% | 9.49% | 19.70% |
| 36 to 42 months | 0.79 | 0.35 | 1.81 | 12.77% | 8.09% | 17.44% |
| 42 to 48 months | 0.82 | 0.36 | 1.87 | 12.83% | 8.07% | 17.60% |
| 48 to 54 months | 0.82 | 0.36 | 1.88 | 12.86% | 8.14% | 17.58% |
| 54 to 60 months | 0.82 | 0.36 | 1.87 | 13.50% | 8.66% | 18.33% |
| 60 to 66 months | 0.99 | 0.43 | 2.28 | 15.70% | 10.40% | 20.99% |
| ***Outcome: Caretaking*** |  |  |  |  |  |  |
| *Reference case probability: 91.83%* |  |  |  |  |  |  |
| Female (reference) | 1.00 |  |  | 91.83% | 87.94% | 95.71% |
| Male | 1.25 | 0.91 | 1.73 | 93.46% | 89.95% | 96.98% |
| 18-29 years old | 0.90 | 0.65 | 1.23 | 91.61% | 87.57% | 95.65% |
| 30-39 years old (reference) | 1.00 |  |  | 91.83% | 87.94% | 95.71% |
| 40-49 years old | 0.72 | 0.51 | 1.01 | 89.51% | 84.37% | 94.66% |
| 50+ years old | 0.79 | 0.43 | 1.43 | 89.68% | 83.21% | 96.15% |
| Baseline CD4 count 0-49 | 1.46 | 1.07 | 2.00 | 94.49% | 91.60% | 97.37% |
| Baseline CD4 count 50-99 | 1.08 | 0.74 | 1.59 | 92.56% | 88.48% | 96.65% |
| Baseline CD4 count 100-199 (reference) | 1.00 |  |  | 91.83% | 87.94% | 95.71% |
| Baseline CD4 count ≥200 | 0.55 | 0.34 | 0.89 | 84.30% | 75.16% | 93.44% |
| Current CD4 count 0-49 | 0.96 | 0.51 | 1.84 | 91.76% | 86.12% | 97.39% |
| Current CD4 count 50-99 | 1.07 | 0.55 | 2.07 | 92.20% | 86.30% | 98.11% |
| Current CD4 count 100-199 (reference) | 1.00 |  |  | 91.83% | 87.94% | 95.71% |
| Current CD4 count ≥200 | 0.59 | 0.43 | 0.81 | 87.39% | 81.68% | 93.10% |
| -3 to 0 months | 0.40 | 0.17 | 0.92 | 81.45% | 74.01% | 88.90% |
| 0 to 1 months (reference) | 1.00 |  |  | 91.83% | 87.94% | 95.71% |
| 1 to 3 months | 0.61 | 0.25 | 1.46 | 85.98% | 80.48% | 91.48% |
| 3 to 6 months | 0.69 | 0.31 | 1.51 | 86.70% | 81.99% | 91.41% |
| 6 to 9 months | 0.69 | 0.31 | 1.53 | 87.43% | 82.52% | 92.34% |
| 9 to 12 months | 0.68 | 0.30 | 1.54 | 88.03% | 82.95% | 93.11% |
| 12 to 18 months | 0.28 | 0.13 | 0.62 | 74.72% | 67.67% | 81.76% |
| 18 to 24 months | 0.05 | 0.02 | 0.12 | 34.58% | 25.22% | 43.94% |
| 24 to 30 months | 0.01 | 0.00 | 0.02 | 7.45% | 3.66% | 11.25% |