| **DEMOGRAPHICS** | **1998** | **2020** | **P (chisq)** | **test** | **SMD** | **percent\_diff** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **n** | 22001 | 89311 |  |  |  |  |
| **AGE....** |  |  | <0.001 |  | 0.253 |  |
| **X...1** | 1855 ( 8.4) | 14968 (16.8) |  |  |  | 8.4 |
| **X...2** | 11746 (53.4) | 42755 (47.9) |  |  |  | -5.5 |
| **X...3** | 8400 (38.2) | 31588 (35.4) |  |  |  | -2.8 |
| **RACE....** |  |  | <0.001 |  | 0.326 |  |
| **X...1.1** | 19516 (88.7) | 68417 (76.6) |  |  |  | -12.1 |
| **X...2.1** | 1534 ( 7.0) | 13875 (15.5) |  |  |  | 8.5 |
| **X...3.1** | 951 ( 4.3) | 7019 ( 7.9) |  |  |  | 3.6 |
| **GENDER...2....** | 11727 (53.3) | 57680 (64.6) | <0.001 |  | 0.231 | 11.3 |
| **MRSTAT...2....** | 9168 (41.7) | 51469 (57.6) | <0.001 |  | 0.323 | 15.9 |
| **EDUC....** |  |  | <0.001 |  | 0.344 |  |
| **X...1.2** | 7100 (32.3) | 17306 (19.4) |  |  |  | -12.9 |
| **X...2.2** | 7562 (34.4) | 29465 (33.0) |  |  |  | -1.4 |
| **X...3.2** | 7339 (33.4) | 42540 (47.6) |  |  |  | 14.2 |

Showing 1 to 15 of 15 entries, 8 total columns

| **DEMOGRAPHICS** | **1998 cohort** | **2020 cohort** | **p** | **test** | **SMD** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **n** | 22001 | 89311 |  |  |  |
| **AGE (mean (SD))** | 2.30 (0.61) | 2.19 (0.70) | <0.001 |  | 0.169 |
| **RACE (mean (SD))** | 1.16 (0.47) | 1.31 (0.61) | <0.001 |  | 0.288 |
| **GENDER (mean (SD))** | 1.53 (0.50) | 1.65 (0.48) | <0.001 |  | 0.231 |
| **MRSTAT (mean (SD))** | 1.42 (0.49) | 1.58 (0.49) | <0.001 |  | 0.323 |
| **EDUC (mean (SD))** | 2.01 (0.81) | 2.28 (0.77) | <0.001 |  | 0.344 |

Showing 1 to 6 of 6 entries, 5 total columns

| **COMORBIDITIES** | **1998 cohort** | **2020 cohort** | **p** | **test** | **SMD** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **n** | 22001 | 89311 |  |  |  |
| **Diabetes (mean (SD))** | 1.80 (0.40) | 1.67 (0.47) | <0.001 |  | 0.306 |
| **ANG\_CAD (mean (SD))** | 1.79 (0.40) | 1.85 (0.35) | <0.001 |  | 0.155 |
| **Hypertension (mean (SD))** | 1.42 (0.49) | 1.27 (0.45) | <0.001 |  | 0.320 |
| **CHF (mean (SD))** | 1.91 (0.29) | 1.89 (0.31) | <0.001 |  | 0.058 |
| **MI (mean (SD))** | 1.86 (0.34) | 1.91 (0.29) | <0.001 |  | 0.133 |
| **IBD (mean (SD))** | 1.92 (0.27) | 1.92 (0.27) | 0.301 |  | 0.008 |
| **COPD (mean (SD))** | 1.81 (0.39) | 1.73 (0.44) | <0.001 |  | 0.190 |
| **Smoking\_Status (mean (SD))** | 2.65 (0.73) | 2.78 (0.61) | <0.001 |  | 0.194 |
| **Stroke (mean (SD))** | 1.91 (0.29) | 1.91 (0.29) | 0.377 |  | 0.007 |

Showing 1 to 10 of 10 entries, 5 total columns

| **VR12** | **1998 cohort** | **2020 cohort** | **p** | **test** | **SMD** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **n** | 22001 | 89311 |  |  |  |
| **General\_Health (mean (SD))** | 3.26 (0.93) | 3.24 (0.96) | 0.019 |  | 0.018 |
| **Mod\_Activity (mean (SD))** | 2.01 (0.77) | 1.95 (0.77) | <0.001 |  | 0.080 |
| **Stairs (mean (SD))** | 1.77 (0.77) | 1.75 (0.75) | <0.001 |  | 0.028 |
| **Phys\_Amount\_Limit (mean (SD))** | 1.38 (0.48) | 1.21 (0.41) | <0.001 |  | 0.374 |
| **Phys\_Type\_Limit (mean (SD))** | 1.39 (0.49) | 1.19 (0.39) | <0.001 |  | 0.447 |
| **Emo\_Amount\_Limit (mean (SD))** | 1.62 (0.49) | 1.52 (0.50) | <0.001 |  | 0.202 |
| **Emo\_Carefulness (mean (SD))** | 1.71 (0.45) | 1.59 (0.49) | <0.001 |  | 0.255 |
| **Pain\_Work (mean (SD))** | 2.72 (1.18) | 2.96 (1.24) | <0.001 |  | 0.199 |
| **Peace (mean (SD))** | 3.10 (1.39) | 2.97 (1.30) | <0.001 |  | 0.100 |
| **Energy (mean (SD))** | 3.99 (1.40) | 3.72 (1.34) | <0.001 |  | 0.201 |
| **Down (mean (SD))** | 4.92 (1.20) | 4.64 (1.29) | <0.001 |  | 0.221 |
| **Social\_Interference (mean (SD))** | 3.86 (1.21) | 3.64 (1.33) | <0.001 |  | 0.175 |

Showing 1 to 13 of 13 entries, 5 total columns

| **ADLs** | **1998 cohort** | **2020 cohort** | **p** | **test** | **SMD** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **n** | 22001 | 89311 |  |  |  |
| **Bathing (mean (SD))** | 2.77 (0.48) | 2.71 (0.54) | <0.001 |  | 0.105 |
| **Dressing (mean (SD))** | 2.80 (0.44) | 2.78 (0.47) | <0.001 |  | 0.051 |
| **Eating (mean (SD))** | 2.92 (0.32) | 2.91 (0.31) | 0.473 |  | 0.005 |
| **Chairs (mean (SD))** | 2.55 (0.53) | 2.60 (0.53) | <0.001 |  | 0.110 |
| **Walking (mean (SD))** | 2.42 (0.56) | 2.43 (0.57) | 0.018 |  | 0.018 |
| **Toilet (mean (SD))** | 2.86 (0.38) | 2.84 (0.40) | <0.001 |  | 0.061 |

Showing 1 to 7 of 7 entries, 5 total columns

Now PROMs by comorbidities

| **VR12 x Cohort x Diabetes** | **1998 + yes** | **2020 + yes** | **1998 + no** | **2020 + no** | **p** | **SMD** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **n** | 4369 | 29651 | 17632 | 59660 |  |  |
| **General\_Health (mean (SD))** | 3.61 (0.87) | 3.54 (0.88) | 3.17 (0.93) | 3.09 (0.97) | <0.001 | 0.353 |
| **Mod\_Activity (mean (SD))** | 1.85 (0.75) | 1.80 (0.74) | 2.05 (0.77) | 2.02 (0.77) | <0.001 | 0.203 |
| **Stairs (mean (SD))** | 1.61 (0.72) | 1.59 (0.70) | 1.81 (0.77) | 1.83 (0.76) | <0.001 | 0.206 |
| **Phys\_Amount\_Limit (mean (SD))** | 1.29 (0.45) | 1.15 (0.35) | 1.40 (0.49) | 1.24 (0.43) | <0.001 | 0.311 |
| **Phys\_Type\_Limit (mean (SD))** | 1.30 (0.46) | 1.13 (0.34) | 1.42 (0.49) | 1.22 (0.42) | <0.001 | 0.358 |
| **Emo\_Amount\_Limit (mean (SD))** | 1.54 (0.50) | 1.44 (0.50) | 1.64 (0.48) | 1.56 (0.50) | <0.001 | 0.204 |
| **Emo\_Carefulness (mean (SD))** | 1.64 (0.48) | 1.52 (0.50) | 1.73 (0.44) | 1.63 (0.48) | <0.001 | 0.228 |
| **Pain\_Work (mean (SD))** | 2.98 (1.18) | 3.22 (1.21) | 2.66 (1.18) | 2.83 (1.23) | <0.001 | 0.257 |
| **Peace (mean (SD))** | 3.31 (1.42) | 3.13 (1.34) | 3.05 (1.38) | 2.89 (1.28) | <0.001 | 0.166 |
| **Energy (mean (SD))** | 4.34 (1.34) | 4.01 (1.29) | 3.91 (1.40) | 3.57 (1.34) | <0.001 | 0.298 |
| **Down (mean (SD))** | 4.75 (1.28) | 4.47 (1.35) | 4.96 (1.18) | 4.73 (1.25) | <0.001 | 0.197 |
| **Social\_Interference (mean (SD))** | 3.58 (1.26) | 3.40 (1.34) | 3.92 (1.19) | 3.75 (1.31) | <0.001 | 0.230 |

Showing 1 to 13 of 13 entries, 7 total columns

| **ADL x Cohort x Diab** | **1998 + yes** | | **2020 + yes** | | **1998 + no** | | **2020 + no** | | **p** | | **test** | | **SMD** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | |  | |  | |  | |  | |  |  |
| **n** | | 4369 | | 29651 | | 17632 | | 59660 | |  | |  |  |
| **Bathing (mean (SD))** | | 2.68 (0.53) | | 2.63 (0.58) | | 2.79 (0.46) | | 2.75 (0.51) | | <0.001 | |  | 0.174 |
| **Dressing (mean (SD))** | | 2.72 (0.50) | | 2.71 (0.52) | | 2.82 (0.42) | | 2.81 (0.44) | | <0.001 | |  | 0.151 |
| **Eating (mean (SD))** | | 2.88 (0.36) | | 2.89 (0.34) | | 2.92 (0.30) | | 2.92 (0.29) | | <0.001 | |  | 0.078 |
| **Chairs (mean (SD))** | | 2.44 (0.54) | | 2.52 (0.54) | | 2.57 (0.52) | | 2.65 (0.51) | | <0.001 | |  | 0.217 |
| **Walking (mean (SD))** | | 2.28 (0.55) | | 2.32 (0.56) | | 2.45 (0.55) | | 2.49 (0.56) | | <0.001 | |  | 0.226 |
| **Toilet (mean (SD))** | | 2.81 (0.44) | | 2.79 (0.45) | | 2.88 (0.36) | | 2.86 (0.38) | | <0.001 | |  | 0.129 |

Showing 1 to 7 of 7 entries, 7 total columns