

Supplemental Table 1: Results of the BDI-II questionnaire

| BDI-II | N=223 | Score |
|--|--------------|------------------|
| Depression scale | | |
| Mean (SD) | 65.9 (25.3) | Normal score <85 |
| No depression | 68.2% | score ≤ 85 |
| Mild depression | 9.9% | 85-90 |
| Moderate depression | 4.5% | 91-95 |
| Severe depression | 17.5% | score >95 |
| Somatic Affective scale | | |
| Mean (SD) | 66.6 (24.3) | Normal score <85 |
| No somatic-affective mood lowering | 70% | score ≤ 85 |
| Mild somatic-affective mood lowering | 8.5% | 85-90 |
| Moderate somatic-affective mood lowering | 6.3% | 91-95 |
| Severe somatic-affective mood lowering | 15.2% | score >95 |
| Cognitive scale | | |
| Mean (SD) | 71.7(21.2) | Normal score <85 |
| No cognitive symptoms | 60.5% | score ≤ 85 |
| Mild cognitive symptoms | 15.2% | 85-90 |
| Moderate cognitive symptoms | 6.7% | 91-95 |
| Severe cognitive symptomatology | 17.5% | score >95 |

| BDI-II by age range | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|----------------------------|--------------------------------|------------------------------------|--------------------------------|----------------|
| Depression scale | | | | |

| BDI-II by age range | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|--|--------------------------------|------------------------------------|--------------------------------|----------------|
| Depression scale | | | | |
| Mean (SD) | 74.5 (21.2) | 64.3 (25.8) | 63.0 (26.1) | 0.047 |
| Mild depression | 7.1% | 9.6% | 12.5% | |
| Moderate depression | 9.5% | 4.0% | 1.8% | 0.37 |
| Severe depression | 23.8% | 17.6% | 12.5% | |
| Somatic Affective scale | | | | |
| Mean (SD) | 75.2 (19.8) | 65.9 (24.5) | 61.7 (25.6) | 0.021 |
| Mild somatic-affective mood lowering | 9.5% | 8.0% | 8.9% | |
| Moderate somatic-affective mood lowering | 7.1% | 7.2% | 3.6% | 0.81 |
| Severe somatic-affective mood lowering | 21.4% | 14.4% | 12.5% | |
| Cognitive scale | | | | |
| Mean (SD) | 77.0 (19.9) | 69.6 (21.5) | 72.4 (21.2) | 0.14 |
| Mild cognitive symptoms | 11.9% | 16.0% | 16.1% | |
| Moderate cognitive symptoms | 11.9% | 4.9% | 7.1% | 0.72 |
| Severe cognitive symptoms | 21.4% | 16.0% | 17.9% | |

| BDI-II by gender | Men (N=94) | Women (N=129) | P-value |
|--|-----------------------|--------------------------|----------------|
| Depression scale | | | |
| Mean (SD) | 67.1 (26.2) | 65.1(24.7) | 0.57 |
| Mild depression | 11.7% | 8.5% | |
| Moderate depression | 6.4% | 3.1% | 0.42 |
| Severe depression | 19.1% | 16.3% | |
| Somatic Affective scale | | | |
| Mean (SD) | 65.8 (25.6) | 65.0 (23.2) | 0.26 |
| Mild somatic-affective mood lowering | 10.6% | 7% | 0.4 |
| Moderate somatic-affective mood lowering | 7.4% | 5.4% | |
| Severe somatic-affective mood lowering | 18.1% | 13.2% | |
| Cognitive scale | | | |

| BDI-II by gender | Men (N=94) | Women (N=129) | P-value |
|-----------------------------|-----------------------|--------------------------|----------------|
| Mean (SD) | 73.5(19.5) | 70.4 (22.4) | 0.27 |
| Mild cognitive symptoms | 20.2% | 11.6% | 0.098 |
| Moderate cognitive symptoms | 9.6% | 4.6% | |
| Severe cognitive symptoms | 13.8% | 20.2% | |

| BDI-II by disease duration | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | >10 year (N=52) | P-value |
|--|------------------------------|----------------------------|-----------------------------|-------------------------------|----------------|
| Depression scale | | | | | |
| Mean (SD) | 72.0 (27.5) | 68.9 (23.8) | 59.7 (26.9) | 66.7 (24.9) | 0.13 |
| Mild depression | 16.0% | 7.3% | 6.8% | 11.5% | 0.39 |
| Moderate depression | 4% | 9.1% | 1.7% | 5.8% | |
| Severe depression | 28.0% | 20.0% | 13.6% | 15.4% | |
| Somatic Affective scale | | | | | |
| Mean (SD) | 72.5 (28.1) | 69.5 (22.6) | 61 (26.5) | 66 (22.8) | 0.16 |
| Mild somatic-affective mood lowering | 8.0% | 5.4% | 13.6% | 5.8% | 0.31 |
| Moderate somatic-affective mood lowering | 16.0% | 7.3% | 3.4% | 5.8% | |
| Severe somatic-affective mood lowering | 24.0% | 18.2% | 11.9% | 13.5% | |
| Cognitive scale | | | | | |
| Mean (SD) | 75.3 (21.6) | 73.9 (20.5) | 66.2 (22.9) | 75.3 (20.2) | 0.089 |
| Mild cognitive symptoms | 24.0% | 16.4% | 10.2% | 19.2% | 0.6 |
| Moderate cognitive symptoms | 12.0% | 3.6% | 5.1% | 7.7% | |
| Severe cognitive symptoms | 16.0% | 21.8% | 15.3% | 19.2% | |

| BDI-II by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|----------------------------------|------------------------------------|--------------------------------------|----------------|
|----------------------------------|------------------------------------|--------------------------------------|----------------|

| BDI-II by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--------------------------------|----------------------------------|----------------|
| Depression scale | | | |
| Mean (SD) | 65.2 (25.2) | 67.6 (25.6) | 0.52 |
| Mild depression | 9% | 11.9% | |
| Moderate depression | 5.1% | 3% | 0.76 |
| Severe depression | 16.7% | 19.4% | |
| Somatic Affective scale | | | |
| Mean (SD) | 65.8 (24.1) | 68.4 (24.8) | 0.46 |
| Mild somatic-affective mood lowering | 8.3% | 9% | 0.037 |
| Moderate somatic-affective mood lowering | 3.2% | 13.4% | |
| Severe somatic-affective mood lowering | 16.0% | 13.4% | |
| Cognitive scale | | | |
| Mean (SD) | 71.2 (21.3) | 72.7 (21) | 0.63 |
| Mild cognitive symptoms | 15.4% | 14.9% | |
| Moderate cognitive symptoms | 7.0% | 6% | 0.96 |
| Severe cognitive symptoms | 16.7% | 19.4% | |

| BDI-II by IGF-I categories | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|--|-----------------------|-----------------------|-----------------------|----------------|
| Depression scale | | | | |
| Mean (SD) | 65.2 (25.2) | 71.5 (25.5) | 64.0 (25.5) | 0.4 |
| Mild depression | 9% | 12.5% | 11.4% | |
| Moderate depression | 5.1% | 0.0% | 5.7% | |
| Severe depression | 16.7% | 25.0% | 14.3% | |
| Somatic Affective scale | | | | |
| Mean (SD) | 65.8 (24.1) | 71.3 (24.3) | 65.8 (25.2) | 0.4 |
| Mild somatic-affective mood lowering | 8.3% | 12.5% | 5.7% | |
| Moderate somatic-affective mood lowering | 3.2% | 15.6% | 11.4% | |
| Severe somatic-affective mood lowering | 16.0% | 12.5% | 14.3% | |
| Cognitive scale | | | | |
| Mean (SD) | 71.2 (21.3) | 76.8 (20.1) | 69 (21.4) | 0.4 |

| BDI-II by IGF-I categories | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|-----------------------------------|---------------------------|---------------------------|---------------------------|----------------|
| Mild cognitive symptoms | 15.4% | 15.6% | 14.3% | |
| Moderate cognitive symptoms | 7% | 3.1% | 8.6% | |
| Severe cognitive symptoms | 16.7% | 28.1% | 11.4% | |

Supplemental Table 2: Results of the the State-Trait Anxiety Inventory Form Y1 and Y2

| S.T.A.I. Y1 and Y2 | N=223 | Score |
|---------------------------|--------------|------------------|
| S.T.A.I. Y1 | | |
| Mean (SD) | 48.7 (11.8) | normal score ≤40 |
| No state anxiety | 17.7% | Score ≤40 |
| Mild state anxiety | 42.7% | Score 40-50 |
| Moderate state anxiety | 25% | Score 51-60 |
| Severe state anxiety | 14.6% | Score >60 |
| S.T.A.I. Y2 | | |
| Mean (SD) | 51.6 (12.8) | normal score ≤40 |
| No trait anxiety | 19.6% | Score ≤40 |
| Mild trait anxiety | 32.3% | Score 40-50 |
| Moderate trait anxiety | 26.5% | Score 51-60 |
| Severe trait anxiety | 21.5% | Score >60 |

| S.T.A.I. Y1 and Y2 by age class | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|--|--------------------------------|--------------------------------|--------------------------------|----------------|
| S.T.A.I. Y1 | | | | |
| Mean (SD) | 54.9 (11.9) | 47.5 (11.4) | 46.6 (11.4) | < 0.001 |
| Absent/Mild state anxiety | 21.4% | 39.2% | 41.1% | 0.033 |
| Moderate state anxiety | 23.8% | 32.0% | 28.6% | |
| Severe state anxiety | 54.8% | 28.8% | 30.4% | |
| S.T.A.I. Y2 | | | | |
| Mean (SD) | 56.8 (12.3) | 50.6 (12.1) | 49.9 (13.9) | 0.013 |
| Absent/Mild trait anxiety | 21.4% | 36.0% | 28.6% | 0.095 |
| Moderate trait anxiety | 23.8% | 32.8% | 30.4% | |
| Severe trait anxiety | 54.8% | 31.2% | 41.1% | |

| S.T.A.I. Y1 and Y2 by gender | Male (N=94) | Female (N=129) | P-value |
|-------------------------------------|------------------------|---------------------------|----------------|
| S.T.A.I. Y1 | | | |

| | | | |
|---------------------------|-------------|-------------|------|
| Mean (SD) | 48.9 (14.1) | 48.5 (9.9) | 0.8 |
| Absent/Mild state anxiety | 31.9% | 39.5% | |
| Moderate state anxiety | 28.7% | 30.2% | 0.33 |
| Severe state anxiety | 39.4% | 30.2% | |
| S.T.A.I. Y2 | | | |
| Mean (SD) | 52.5 (14.8) | 50.9 (11.2) | 0.37 |
| Absent/Mild trait anxiety | 31.9% | 31.0% | |
| Moderate trait anxiety | 28.7% | 31.8% | 0.88 |
| Severe trait anxiety | 39.4% | 37.2% | |

| S.T.A.I. Y1 and Y2 by disease duration | <2 years (N=25) | 2-5 years (N=55) | 5-10 years (N=59) | > 10 years (N=52) | P-value |
|---|-------------------------------|-----------------------------|----------------------------------|-------------------------------------|----------------|
| S.T.A.I. Y1 | | | | | |
| Mean (SD) | 48.8 (9.8) | 50.6 (10.7) | 46.9 (12.0) | 46.9 (14.0) | 0.31 |
| Absent/Mild state anxiety | 32.0% | 34.5% | 39.0% | 46.2% | |
| Moderate state anxiety | 32.0% | 30.9% | 35.6% | 21.2% | 0.63 |
| Severe state anxiety | 36.0% | 34.5% | 25.4% | 32.7% | |
| S.T.A.I. Y2 | | | | | |
| Mean (SD) | 53.5 (11.9) | 52.6 (10.2) | 50.4 (13.1) | 53.4 (12.7) | 0.53 |
| Absent/Mild trait anxiety | 24.0% | 25.5% | 28.8% | 34.6% | |
| Moderate trait anxiety | 28.0% | 38.2% | 40.7% | 23.1% | 0.42 |
| Severe trait anxiety | 48.0% | 36.4% | 30.5% | 42.3% | |

| S.T.A.I. Y1 and Y2 by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--|--|----------------|
| S.T.A.I. Y1 | | | |
| Mean (SD) | 49.4 (11.3) | 46.9 (12.9) | 0.18 |

| S.T.A.I. Y1 and Y2 by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--------------------------------|----------------------------------|----------------|
| Absent/Mild state anxiety | 34% | 41.8% | 0.43 |
| Moderate state anxiety | 29.5% | 29.9% | |
| Severe state anxiety | 36.5% | 28.4% | |
| S.T.A.I. Y2 | | | |
| Mean (SD) | 51.3 (13.0) | 52.3 (12.5) | 0.62 |
| Absent/Mild trait anxiety | 29.5% | 35.8% | 0.12 |
| Moderate trait anxiety | 34.6% | 20.9% | |
| Severe trait anxiety | 35.9% | 43.3% | |

| S.T.A.I. Y1 and Y2 by IGF-I categories | ≤1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|---|-------------------|-----------------------|-----------------------|----------------|
| S.T.A.I. Y1 | | | | |
| Mean (SD) | 49.4 (11.3) | 47.2 (12.2) | 46.7 (13.7) | 0.35 |
| Absent/Mild state anxiety | 34% | 31.3% | 51.4% | 0.29 |
| Moderate state anxiety | 29.5% | 37.5% | 22.9% | |
| Severe state anxiety | 36.5% | 31.3% | 25.7% | |
| S.T.A.I. Y2 | | | | |
| Mean (SD) | 51.3 (13.0) | 52.4 (11.4) | 52.1 (13.5) | 0.88 |
| Absent/Mild trait anxiety | 29.5% | 28.1% | 42.9% | 0.19 |
| Moderate trait anxiety | 34.6% | 21.9% | 20.0% | |
| Severe trait anxiety | 35.9% | 50.0% | 37.1% | |

Supplemental Table 3: Results of the Body Uneasiness Test A and B

| BUT A – BUT B | N=223 | Score |
|---|--------------|-------------------------|
| BUT A GSI (Global Severity Index) | | |
| Mean (SD) | 0.8 (0.9) | normal value ≤ 1.2 |
| No global concern | 78.7% | ≤ 1.2 |
| Global concern | 21.3% | > 1.2 |
| Weight_Phobia | | |
| Mean (SD) | 1.0 (1.1) | normal value < 1 |
| No Concern | 67.4% | < 1 |
| Concern | 32.6% | > 1 |
| Body Image Concerns | | |
| Mean (SD) | 1.0 (1.0) | normal value < 1 |
| No Concern | 62.9% | < 1 |
| Concern | 37.1% | > 1 |
| Avoidance | | |
| Mean (SD) | 0.5 (0.8) | normal value < 1 |
| No Concern | 85.1% | < 1 |
| Concern | 14.9% | > 1 |
| Compulsive_Self_Monitoring | | |
| Mean (SD) | 0.7 (0.8) | normal value < 1 |
| No Concern | 71.9% | < 1 |
| Concern | 28.1% | > 1 |
| Depersonalization | | |
| Mean (SD) | 0.4 (0.9) | normal value < 1 |
| No Concern | 86% | < 1 |
| Concern | 14% | > 1 |
| BUT B Positive Symptom Distress Index (PSDI) | | |
| Mean (SD) | 2.1 (1.2) | normal value < 1 |
| BUT B 1 Mouth | | |
| Mean (SD) | 0.9 (1.0) | normal value < 1 |
| BUT B 2 Face | | |
| Mean (SD) | 1.2 (0.9) | normal value < 1 |
| BUT B 3 Things | | |

| | | |
|--------------------------|-----------|-----------------|
| Mean (SD) | 0.8 (1.2) | normal value <1 |
| BUT B 4 Legs | | |
| Mean (SD) | 1.0 (1.1) | normal value <1 |
| BUT B 5 Arms | | |
| Mean (SD) | 0.5 (0.9) | normal value <1 |
| BUT B 6 Moustache | | |
| Mean (SD) | 0.5 (0.9) | normal value <1 |
| BUT B 7 Skin | | |
| Mean (SD) | 0.7 (1.2) | normal value <1 |
| BUT B 8 Blushing | | |
| Mean (SD) | 0.6 (0.9) | normal value <1 |

| BUT A – BUT B by age class | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|--|--------------------------------|--------------------------------|--------------------------------|----------------|
| BUT A GSI (Global Severity Index) | | | | |
| Mean (SD) | 1.4 (1.0) | 0.8 (0.8) | 0.4 (0.4) | < 0.001 |
| No global concern | 52.4% | 81.5% | 92.7% | < 0.001 |
| Global concern | 47.6% | 18.5% | 7.3% | |
| Weight_Phobia (WP) | | | | |
| Mean (SD) | 1.7 (1.3) | 1.0 (1.1) | 0.4 (0.6) | < 0.001 |
| No Concern | 38.1% | 67.7% | 89.1% | < 0.001 |
| Concern | 61.9% | 32.3% | 10.9% | |
| Body Image Concerns (BIC) | | | | |
| Mean (SD) | 1.8 (1.2) | 1.0 (1.0) | 0.6 (0.6) | < 0.001 |
| No Concern | 35.7% | 63.7% | 81.8% | < 0.001 |
| Concern | 64.3% | 36.3% | 18.2% | |
| Avoidance | | | | |
| Mean (SD) | 0.8 (0.9) | 0.4 (0.7) | 0.3 (0.5) | 0.002 |
| No Concern | 76.2% | 87.9% | 85.5% | 0.18 |
| Concern | 23.8% | 12.1% | 14.5% | |
| Compulsive_Self_Monitoring | | | | |
| Mean (SD) | 1.3 (1.0) | 0.7 (0.8) | 0.3 (0.4) | <0.001 |
| No Concern | 45.2% | 72.6% | 90.9% | < 0.001 |

| | | | | |
|---|-----------|------------|------------|---------|
| Concern | 54.8% | 27.4% | 9.1% | |
| Depersonalization | | | | |
| Mean (SD) | 0.9 (1.1) | 0.4 (0.9) | 0.1 (0.3) | <0.001 |
| No Concern | 66.7% | 87.9% | 96.4% | |
| Concern | 33.3% | 12.1% | 3.6% | <0.001 |
| BUT B Positive Symptom Distress Index (PSDI) | | | | |
| Mean (SD) | 2.6 (1.2) | 2.1 (1.2) | 1.9 (1.1) | 0.006 |
| BUT B 1 Mouth | | | | |
| Mean (SD) | 1.3 (1.3) | 0.8 (1.0) | 0.6 (0.6) | 0.003 |
| BUT B 2 Face | | | | |
| Mean (SD) | 1.0 (1.3) | 0.63 (0.8) | 0.33 (0.5) | < 0.001 |
| BUT B 3 Thighs | | | | |
| Mean (SD) | 1.4 (1.5) | 0.8 (1.1) | 0.4 (0.7) | < 0.001 |
| BUT B 4 Legs | | | | |
| Mean (SD) | 1.5 (1.2) | 1.0 (1.1) | 0.6 (0.7) | < 0.001 |
| BUT B 5 Arms | | | | |
| Mean (SD) | 1.0 (1.2) | 0.5 (0.9) | 0.2 (0.4) | < 0.001 |
| BUT B 6 Moustache | | | | |
| Mean (SD) | 0.8 (1.1) | 0.4 (0.9) | 0.3 (0.7) | 0.013 |
| BUT B 7 Skin | | | | |
| Mean (SD) | 1.1 (1.5) | 0.8 (1.2) | 0.5 (0.9) | 0.046 |
| BUT B 8 Blushing | | | | |
| Mean (SD) | 1.1 (1.1) | 0.6 (0.9) | 0.4 (0.6) | < 0.001 |

| BUT A – BUT B by gender | Male (N=94) | Female (N=129) | P-value |
|--|------------------------|---------------------------|----------------|
| BUT A GSI (Global Severity Index) | | | |
| Mean (SD) | 0.6 (0.6) | 0.9 (1.0) | 0.004 |
| No global concern | 83.9% | 75.0% | |
| Global concern | 16.1% | 25.0% | 0.15 |
| Weight_Phobia | | | |
| Mean (SD) | 0.7 (0.8) | 1.2 (1.2) | <0.001 |
| No Concern | 72.0% | 64.1% | 0.27 |

| | | | |
|---|-----------|------------|---------|
| Concern | 28.0% | 35.9% | |
| Body Image Concerns | | | |
| Mean (SD) | 0.8 (0.9) | 1.2 (1.1) | 0.006 |
| No Concern | 68.8% | 58.6% | |
| Concern | 31.2% | 41.4% | 0.16 |
| Avoidance | | | |
| Mean (SD) | 0.4 (0.6) | 0.6 (0.8) | 0.038 |
| No Concern | 87.1% | 83.6% | |
| Concern | 12.9% | 16.4% | 0.6 |
| Compulsive_Self_Monitoring | | | |
| Mean (SD) | 0.6 (0.7) | 0.9 (0.9) | 0.008 |
| No Concern | 76.3% | 68.7% | |
| Concern | 23.7% | 31.3% | 0.28 |
| Depersonalization | | | |
| Mean (SD) | 0.3 (0.6) | 0.95 (1.0) | 0.024 |
| No Concern | 90.3% | 82.8% | |
| Concern | 9.7% | 17.2% | 0.16 |
| BUT B Positive Symptom Distress Index (PSDI) | | | |
| Mean (SD) | 1.9 (1.2) | 2.4 (1.1) | < 0.001 |
| BUT B 1 Mouth | | | |
| Mean (SD) | 0.7 (0.9) | 1.0 (1.0) | 0.059 |
| BUT B 2 Face | | | |
| Mean (SD) | 0.6 (0.9) | 0.7 (0.9) | 0.63 |
| BUT B 3 Thighs | | | |
| Mean (SD) | 0.4 (0.8) | 1.1 (1.3) | < 0.001 |
| BUT B 4 Legs | | | |
| Mean (SD) | 0.6 (0.8) | 1.3 (1.1) | < 0.001 |
| BUT B 5 Harms | | | |
| Mean (SD) | 0.3 (0.7) | 0.7 (1.0) | 0.002 |
| BUT B 6 Moustache | | | |
| Mean (SD) | 0.3 (0.7) | 0.6 (1.0) | 0.011 |
| BUT B 7 Skin | | | |
| Mean (SD) | 0.6 (1.1) | 0.9 (1.2) | 0.08 |

| BUT B 8 Blushing | | | | | |
|---|------------------------------|----------------------------|-----------------------------|-------------------------------|----------------|
| Mean (SD) | | 0.4 (0.7) | 0.8 (1.0) | | < 0.001 |
| BUT A – BUT B by disease duration | | | | | |
| | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | >10 year (N=52) | P-value |
| BUT A GSI (Global Severity Index) | | | | | |
| Mean (SD) | 1.1 (1.0) | 0.8 (0.8) | 0.6 (0.7) | 0.8 (1.0) | 0.17 |
| No global concern | 64.0% | 76.4% | 87.7% | 82.7% | 0.079 |
| Global concern | 36.0% | 23.6% | 12.3% | 17.3% | |
| Weight_Phobia | | | | | |
| Mean (SD) | 1.4 (1.4) | 1.0 (1.1) | 0.8 (0.8) | 0.6 (0.9) | 0.095 |
| No Concern | 56.0% | 63.6% | 70.2% | 75.0% | 0.33 |
| Concern | 44.0% | 36.4% | 29.8% | 25.0% | |
| Body Image Concerns | | | | | |
| Mean (SD) | 1.3 (1.2) | 1.1 (1.0) | 0.9 (0.9) | 1.0 (1.1) | 0.35 |
| No Concern | 56.0% | 54.5% | 71.9% | 65.4% | 0.23 |
| Concern | 44.0% | 45.5% | 28.1% | 34.6% | |
| Avoidance | | | | | |
| Mean (SD) | 0.6 (0.8) | 0.4 (0.7) | 0.9 (0.6) | 0.5 (0.9) | 0.58 |
| No Concern | 80.0% | 83.6% | 87.7% | 86.5% | 0.8 |
| Concern | 20.0% | 16.4% | 12.3% | 13.5% | |
| Compulsive_Self_Monitoring | | | | | |
| Mean (SD) | 0.6 (0.9) | 0.6 (0.9) | 0.6 (0.9) | 0.6 (0.9) | 0.29 |
| No Concern | 52.0% | 72.7% | 82.5% | 71.2% | 0.043 |
| Concern | 48.0% | 27.3% | 17.5% | 28.8% | |
| Depersonalization | | | | | |
| Mean (SD) | 0.6 (1.0) | 0.4 (0.7) | 0.3 (0.8) | 0.5 (1.1) | 0.5 |
| No Concern | 76.0% | 87.3% | 91.2% | 84.6% | 0.31 |
| Concern | 24.0% | 12.7% | 8.8% | 15.4% | |
| BUT B Positive Symptom Distress Index (PSDI) | | | | | |
| Mean (SD) | 2.22 (1.38) | 2.28 (1.19) | 2.08 (1.24) | 2.15 (1.29) | 0.86 |
| BUT B 1 Mouth | | | | | |

| | | | | | |
|--------------------------|-----------|-----------|------------|-----------|------|
| Mean (SD) | 0.7 (1.0) | 0.7 (0.6) | 1.0 (1.1) | 1.0 (1.2) | 0.32 |
| BUT B 2 Face | | | | | |
| Mean (SD) | 0.6 (0.9) | 0.6 (0.7) | 0.5 (0.9) | 0.8 (1.0) | 0.48 |
| BUT B 3 Things | | | | | |
| Mean (SD) | 0.7 (1.2) | 0.7 (1.1) | 0.8 (1.02) | 0.9 (1.3) | 0.88 |
| BUT B 4 Legs | | | | | |
| Mean (SD) | 1.1 (1.1) | 0.9 (1.0) | 0.9 (1.0) | 1.0 (1.2) | 0.81 |
| BUT B 5 Arms | | | | | |
| Mean (SD) | 0.7 (1.0) | 0.5 (0.9) | 0.5 (0.9) | 0.5 (0.9) | 0.67 |
| BUT B 6 Moustache | | | | | |
| Mean (SD) | 0.3 (0.7) | 0.5 (0.8) | 0.5 (1.2) | 0.4 (0.8) | 0.72 |
| BUT B 7 Skin | | | | | |
| Mean (SD) | 0.9 (1.3) | 0.7 (1.2) | 0.7 (1.01) | 0.6 (1.1) | 0.74 |
| BUT B 8 Blushing | | | | | |
| Mean (SD) | 0.6 (0.7) | 0.5 (0.6) | 0.7 (1.0) | 0.7 (1.0) | 0.59 |

| BUT A – BUT B by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--------------------------------|----------------------------------|----------------|
| BUT A GSI (Global Severity Index) | | | |
| Mean (SD) | 0.8 (0.9) | 0.8 (0.8) | 0.73 |
| No global concern | 79.9% | 76.1% | 0.65 |
| Global concern | 20.1% | 23.9% | |
| Weight_Phobia | | | |
| Mean (SD) | 1.0(1.3) | 1.0 (1.1) | 0.58 |
| No Concern | 69.5% | 62.7% | 0.4 |
| Concern | 30.5% | 37.3% | |
| Body Image Concerns | | | |
| Mean (SD) | 1.0 (1.1) | 1.0 (1.0) | 0.68 |
| No Concern | 64.9% | 58.2% | 0.42 |
| Concern | 35.1% | 41.8% | |
| Avoidance | | | |
| Mean (SD) | 0.5 (1.0) | 0.4 (0.6) | 0.17 |

| | | | |
|---|------------|------------|------|
| No Concern | 83.8% | 88.1% | 0.54 |
| Concern | 16.2% | 11.9% | |
| Compulsive_Self_Monitoring | | | |
| Mean (SD) | 0.7 (0.8) | 0.8 (0.9) | 0.26 |
| No Concern | 73.4% | 68.7% | 0.58 |
| Concern | 26.6% | 31.3% | |
| Depersonalization | | | |
| Mean (SD) | 0.4 (0.9) | 0.5 (0.8) | 0.7 |
| No Concern | 87.0% | 83.6% | 0.64 |
| Concern | 13.0% | 16.4% | |
| BUT B Positive Symptom Distress Index (PSDI) | | | |
| Mean (SD) | 2.07 (1.2) | 2.3(1.2) | 0.28 |
| BUT B 1 Mouth | | | |
| Mean (SD) | 0.8 (1.0) | 0.9 (1.0) | 0.46 |
| BUT B 2 Face | | | |
| Mean (SD) | 0.6 (0.9) | 0.7 (0.9) | 0.46 |
| BUT B 3 Thighs | | | |
| Mean (SD) | 0.8(1.2) | 0.9 (1.1) | 0.35 |
| BUT B 4 Legs | | | |
| Mean (SD) | 0.9 (1.1) | 1.1 (1.1) | 0.39 |
| BUT B 5 Arms | | | |
| Mean (SD) | 0.6 (1.0) | 0.6 (0.7) | 0.41 |
| BUT B 6 Moustache | | | |
| Mean (SD) | 0.4 (0.9) | 0.5 (0.78) | 0.83 |
| BUT B 7 Skin | | | |
| Mean (SD) | 0.7 (1.2) | 0.8 (1.2) | 0.76 |
| BUT B 8 Blushing | | | |
| Mean (SD) | 0.6 (0.9) | 0.68 (0.9) | 0.21 |

| BUT A – BUT B by IGF-I class | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|---|---------------------------|---------------------------|---------------------------|----------------|
| BUT A GSI (Global Severity Index) | | | | |
| Mean (SD) | 0.8 (0.9) | 0.7 (0.8) | 0.9 (0.8) | 0.8 |
| No global concern | 79.9% | 81.2% | 71.4% | 0.51 |
| Global concern | 20.1% | 18.8% | 28.6% | |
| Weight_Phobia | | | | |
| Mean (SD) | 0.9 (1.1) | 1.0 (1.1) | 1.1 (1.1) | 0.84 |
| No Concern | 69.5% | 62.5% | 62.9% | 0.61 |
| Concern | 30.5% | 37.5% | 37.1% | |
| Body Image Concerns | | | | |
| Mean (SD) | 1.0 (1.1) | 1.0 (0.9) | 1.2 (1.1) | 0.79 |
| No Concern | 64.9% | 53.1% | 62.9% | 0.45 |
| Concern | 35.1% | 46.9% | 37.1% | |
| Avoidance | | | | |
| Mean (SD) | 0.5 (0.8) | 0.4 (0.7) | 0.4 (0.5) | 0.45 |
| No Concern | 83.8% | 90.6% | 85.7% | 0.61 |
| Concern | 16.2% | 9.4% | 14.3% | |
| Compulsive_Self_Monitoring | | | | |
| Mean (SD) | 0.7 (0.8) | 0.8 (0.9) | 0.9 (1.0) | 0.48 |
| No Concern | 73.4% | 71.9% | 65.7% | 0.66 |
| Concern | 26.6% | 28.1% | 34.3% | |
| Depersonalization | | | | |
| Mean (SD) | 0.4 (0.9) | 0.4 (0.8) | 0.5 (0.9) | 0.84 |
| No Concern | 87.0% | 90.6% | 77.1% | 0.23 |
| Concern | 13.0% | 9.4% | 22.9% | |
| BUT B Positive Symptom Distress Index (PSDI) | | | | |
| Mean (SD) | 2.1 (1.2) | 2.3 (1.3) | 2.2 (1.2) | 0.52 |
| BUT B 1 Mouth | | | | |
| Mean (SD) | 0.8 (1.0) | 1.0 (1.1) | 0.9 (1.0) | 0.58 |
| BUT B 2 Face | | | | |
| Mean (SD) | 0.6 (0.9) | 0.8 (0.9) | 0.6 (0.9) | 0.48 |
| BUT B 3 Thighs | | | | |

| | | | | |
|--------------------------|-----------|-----------|-----------|------|
| Mean (SD) | 0.8 (1.2) | 1.0 (1.1) | 0.8 (1.1) | 0.56 |
| BUT B 4 Legs | | | | |
| Mean (SD) | 0.9 (1.1) | 1.2 (1.1) | 1.0 (1.0) | 0.47 |
| BUT B 5 Arms | | | | |
| Mean (SD) | 0.5 (0.9) | 0.8 (0.9) | 0.4 (0.5) | 0.27 |
| BUT B 6 Moustache | | | | |
| Mean (SD) | 0.4 (0.9) | 0.6 (0.9) | 0.3 (0.7) | 0.53 |
| BUT B 7 Skin | | | | |
| Mean (SD) | 0.7 (1.2) | 0.9 (1.3) | 0.7 (1.1) | 0.6 |
| BUT B 8 Blushing | | | | |
| Mean (SD) | 0.6 (0.9) | 0.9 (1.1) | 0.6 (0.7) | 0.25 |

Supplemental Table 4: Results of the Berlin questionnaire, Epworth Sleepiness Scale and Pittsburgh Sleep Quality Inventory

| SLEEP QUALITY | N=223 | Scores |
|--|--------------|------------------------|
| BERLIN QUESTIONNAIRE | | |
| Absent or Low risk to develop OSAS | 40.8% | normal score ≤ 1 |
| High Risk to develop OSAS | 59.2% | >1 |
| Epworth Sleepiness Scale | | |
| Normal daily sleepiness | 80.7% | normal score ≤ 10 |
| Mild daily sleepiness | 12.9% | 11-12 |
| Moderate daily sleepiness | 6.4% | 13-15 |
| Severe daily sleepiness | 0% | 16-24 |
| Pittsburgh Sleep Quality Inventory (PSQI) | | |
| No sleep disorders | 39.0% | normal score ≤ 5 |
| Sleep disorders | 61.0% | >5 |

| SLEEP QUALITY by age class | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|--|----------------------------|----------------------------|----------------------------|----------------|
| BERLIN QUESTIONNAIRE | | | | |
| Absent or Low risk to develop OSAS | 47.6% | 39.2% | 39.3% | 0.61 |
| High risk to develop OSAS | 52.4% | 60.8% | 60.7% | |
| Epworth Sleepiness Scale | | | | |
| Normal daily sleepiness | 81.0% | 80.0% | 82.1% | 0.94 |
| Anormal daily sleepiness | 19.0% | 20.0% | 17.9% | |
| Pittsburgh Sleep Quality Inventory (PSQI) | | | | |
| No sleep disorders | 45.2% | 39.2% | 33.9% | 0.52 |
| Sleep disorders | 54.8% | 60.8% | 66.1% | |

| SLEEP QUALITY by gender | Male (N=94) | Female (N=129) | P-value |
|------------------------------------|--------------------|-----------------------|----------------|
| BERLIN QUESTIONNAIRE | | | |
| Absent or Low risk to develop OSAS | 36.2% | 44.2% | 0.29 |
| High risk to develop OSAS | 63.8% | 55.8% | |

| Epworth Sleepiness Scale | | | |
|--|-------|-------|------|
| Normal daily sleepiness | 77.7% | 82.9% | 0.41 |
| Anormal daily sleepiness | 22.3% | 17.1% | |
| Pittsburgh Sleep Quality Inventory (PSQI) | | | |
| No sleep disorders | 42.6% | 36.4% | 0.43 |
| Sleep disorders | 57.4% | 63.6% | |

| SLEEP QUALITY by disease duration | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | >10 year (N=52) | P-value |
|---|--------------------------|------------------------|-------------------------|---------------------------|----------------|
| BERLIN QUESTIONNAIRE | | | | | |
| Absent or Low risk to develop OSAS | 56.0% | 32.7% | 47.5% | 34.6% | 0.12 |
| High risk to develop OSAS | 44.0% | 67.3% | 52.5% | 65.4% | |
| Epworth Sleepiness Scale | | | | | |
| Normal daily sleepiness | 84.0% | 72.7% | 83.1% | 80.8% | 0.5 |
| Abnormal daily sleepiness | 16.0% | 27.3% | 16.9% | 19.2% | |
| Pittsburgh Sleep Quality Inventory | | | | | |
| No sleep disorders | 48.0% | 36.4% | 39.0% | 42.3% | 0.78 |
| Sleep disorders | 52.0% | 63.6% | 61.0% | 57.7% | |

| SLEEP QUALITY by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--------------------------------|----------------------------------|----------------|
| BERLIN QUESTIONNAIRE | | | |
| Absent or Low risk to develop OSAS | 41.0% | 40.3% | 0.99 |
| High risk to develop OSAS | 59.0% | 59.7% | |
| Epworth Sleepiness Scale | | | |
| Normal daily sleepiness | 80.8% | 80.6% | 0.99 |
| Anormal daily sleepiness | 19.2% | 19.4% | |
| Pittsburgh Sleep Quality Inventory (PSQI) | | | |
| No sleep disorders | 36.5% | 44.8% | 0.31 |
| Sleep disorders | 63.5% | 55.2% | |

| SLEEP QUALITY by IGF-I class | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|--|---------------------------|---------------------------|---------------------------|----------------|
| BERLIN QUESTIONNAIRE | | | | |
| Absent or Low risk to develop OSAS | 41.0% | 34.4% | 45.7% | 0.64 |
| High risk to develop OSAS | 59.0% | 65.6% | 54.3% | |
| Epworth Sleepiness Scale | | | | |
| Normal daily sleepiness | 80.8% | 78.1% | 82.9% | 0.89 |
| Anormal daily sleepiness | 19.2% | 21.9% | 17.1% | |
| Pittsburgh Sleep Quality Inventory (PSQI) | | | | |
| No sleep disorders | 36.5% | 40.6% | 48.6% | 0.41 |
| Sleep disorders | 63.5% | 59.4% | 51.5% | |

Supplemental Table 5: Evaluation of sexual function in men with the International Index for Erectile Function (A) and women with the Female Sexual Function Index (B)

A

| MEN SEXUAL FUNCTION | N=94 | Score |
|---------------------------------|-------------|--------------------|
| IIEF total score | | |
| Mean (SD) | 45.6 (23.8) | Score 5-75 |
| Orgasm | | |
| Mean (SD) | 6.8 (4.5) | Score 0-10 |
| Desire | | |
| Mean (SD) | 6.5 (3.5) | Score 2-10 |
| Intercourse satisfaction | | |
| Mean (SD) | 7.5 (4.0) | Score 0-15 |
| General satisfaction | | |
| Mean (SD) | 6.3 (3.0) | Score 2-10 |
| Very satisfied | 46.2% | 10 |
| Moderately Satisfied | 23 % | 8 |
| Unsatisfied | 4.4% | 4 |
| Very unsatisfied | 26.4% | 2 |
| Erectile Function | | |
| | | Score 1-30 |
| Mean (SD) | 18.4 (11.1) | Normal score 26-30 |
| No Erectile dysfunction | 40.4% | |
| Mild Erectile dysfunction | 22.3% | 17-25 |
| Moderate Erectile dysfunction | 12.8% | 11-16 |
| Severe Erectile dysfunction | 24.5% | 6-10 |

| MEN SEXUAL FUNCTION by age class | <45 years (N=18) | 45-64 years (N=52) | >64 years (N=24) | P-value |
|---|--------------------------------|-------------------------------|--------------------------------|----------------|
| IIEF total score | | | | |
| Mean (SD) | 52.1 (20.5) | 50.5 (20.3) | 25.6 (26.3) | < 0.001 |
| Erectile Function | | | | |
| Mean (SD) | 21.6 (9.1) | 20.5 (10.1) | 9.5 (11.4) | < 0.001 |
| Orgasm | | | | |
| Mean (SD) | 7.3 (4.0) | 7.9 (3.9) | 3.3 (4.7) | < 0.001 |

| | | | | |
|---------------------------------|-----------|-----------|-----------|---------|
| Desire | | | | |
| Mean (SD) | 7.6 (2.8) | 7.2 (2.9) | 3.5 (3.9) | < 0.001 |
| Intercourse satisfaction | | | | |
| Mean (SD) | 8.4 (4.2) | 8.0 (3.7) | 5.1 (4.1) | 0.012 |
| General satisfaction | | | | |
| Mean (SD) | 7.2 (2.7) | 6.8 (2.6) | 4.0 (3.3) | < 0.001 |
| Erectile dysfunction | | | | |
| No erectile dysfunction | 61.1% | 48.1% | 29.2% | 0.021 |
| Mild Erectile dysfunction | 11.1% | 26.9% | 8.3% | |
| Moderate Erectile dysfunction | 11.1% | 15.4% | 0% | |
| Severe Erectile dysfunction | 16.7% | 9.6% | 62.5% | |

| MEN SEXUAL FUNCTION by disease duration | <2 year (N=18) | 2-5 year (N=17) | 5-10 year (N=29) | >10 year (N=30) | P-value |
|--|--------------------------|------------------------|-------------------------|---------------------------|----------------|
| IIEF total score | | | | | |
| Mean (SD) | 34.6 (27.4) | 49.1 (21.4) | 48.7 (22.9) | 45.3 (25.5) | 0.32 |
| Erectile Function | | | | | |
| Mean (SD) | 14.4 (12.5) | 19.5 (10.4) | 19.6 (11.6) | 18.0 (11.3) | 0.56 |
| Orgasm | | | | | |
| Mean (SD) | 5.00 (5.3) | 7.8 (3.7) | 7.1 (4.2) | 6.9 (5.0) | 0.35 |
| Desire | | | | | |
| Mean (SD) | 5.00 (3.8) | 6.9 (3.26) | 6.5 (2.8) | 6.6 (4.4) | 0.47 |
| Intercourse satisfaction | | | | | |
| Mean (SD) | 5.2 (4.2) | 8.1 (3.4) | 8.2 (4.1) | 7.7 (3.9) | 0.13 |
| General satisfaction | | | | | |
| Mean (SD) | 5.0 (2.8) | 6.79 (3.0) | 7.00 (2.8) | 6.1 (3.2) | 0.24 |
| Erectile dysfunction | | | | | |
| No erectile dysfunction | 44.4% | 29.5% | 48.3% | 40% | 0.64 |

| | | | | |
|-------------------------------|-------|-------|-------|-------|
| Mild Erectile dysfunction | 16.7% | 29.4% | 13.8% | 23.3% |
| Moderate Erectile dysfunction | 11.1% | 23.5% | 13.8% | 6.7% |
| Severe Erectile dysfunction | 27.8% | 17.6% | 24.1% | 30% |

| MEN SEXUAL FUNCTION by disease control | Disease control (N=70) | No disease control (N=24) | P-value |
|---|-------------------------------|----------------------------------|----------------|
| IIEF total score | | | |
| Mean (SD) | 46.2 (23.5) | 43.4 (25.3) | 0.65 |
| Erectile Function | | | |
| Mean (SD) | 18.9 (10.9) | 16.7 (11.8) | 0.45 |
| Orgasm | | | |
| Mean (SD) | 6.7 (4.5) | 7.2 (4.2) | 0.67 |
| Desire | | | |
| Mean (SD) | 6.4 (3.4) | 6.8 (3.8) | 0.71 |
| Intercourse satisfaction | | | |
| Mean (SD) | 7.7 (3.7) | 6.8 (4.8) | 0.41 |
| General satisfaction | | | |
| Mean (SD) | 6.4 (2.9) | 6.0 (3.4) | 0.65 |
| Erectile dysfunction | | | |
| No erectile dysfunction | 47.2% | 12.5% | 0.006 |
| Mild Erectile dysfunction | 21.4% | 16.7% | |
| Moderate Erectile dysfunction | 8.6% | 16.7% | |
| Severe Erectile dysfunction | 22.8% | 54.1% | |

| MEN SEXUAL FUNCTION by IGF-I class | <=1 (N=70) | 1.0-1.3 (N=12) | >1.3 (N=12) | P-value |
|---|--------------------------|---------------------------|---------------------------|----------------|
| IIEF total score | | | | |
| Mean (SD) | 46.2 (23.5) | 46.8 (26.5) | 38.9 (24.5) | 0.68 |
| Erectile Function | | | | |
| Mean (SD) | 18.9 (10.9) | 18.3 (12.5) | 14.4 (11.1) | 0.53 |
| Orgasm | | | | |
| Mean (SD) | 6.7 (4.5) | 7.7 (4.5) | 6.4 (3.9) | 0.74 |
| Desire | | | | |
| Mean (SD) | 6.4 (3.4) | 7.7 (4.0) | 5.6 (3.3) | 0.36 |
| Intercourse satisfaction | | | | |
| Mean (SD) | 7.7 (3.7) | 6.7 (5.1) | 6.8 (4.8) | 0.63 |
| General satisfaction | | | | |
| Mean (SD) | 6.4 (2.9) | 6.2 (3.3) | 5.7 (3.7) | 0.81 |
| Erectile dysfunction | | | | |
| No erectile dysfunction | 47.2% | 25% | 33.3% | 0.12 |
| Mild Erectile dysfunction | 21.4% | 16.7% | 16.7% | |
| Moderate Erectile dysfunction | 8.6% | 8.3% | 25% | |
| Severe Erectile dysfunction | 22.8% | 50% | 25% | |

B

| WOMEN SEXUAL FUNCTION | N=129 | Score |
|------------------------------|--------------|---------------------------|
| FSFI total score | | |
| Mean (SD) | 15.7 (11.3) | Normal score \geq 26.55 |
| Desire | | |
| Mean (SD) | 3.0 (1.6) | score 1.2-6 |
| Arousal | | |
| Mean (SD) | 2.3 (2.0) | score 0-6 |
| Lubrication | | |

| | | |
|-----------------------|-----------|-------------|
| Mean (SD) | 2.6 (2.3) | score 0-6 |
| Orgasm | | |
| Mean (SD) | 2.5 (2.3) | score 0-6 |
| Satisfaction | | |
| Mean (SD) | 3.0 (1.8) | score 0.8-6 |
| Pain | | |
| Mean (SD) | 2.7 (2.6) | score 0-6 |
| Sexual dysfunction | 77.5% | |
| No Sexual dysfunction | 22.5% | |

| WOMEN SEXUAL FUNCTION by age class | <45 years (N=24) | 45-64 years (N=72) | >64 years (N=33) | P-value |
|---|----------------------------|---------------------------|----------------------------|----------------|
| FSFI total score | | | | |
| Mean (SD) | 20.0 (11.6) | 17.0 (10.7) | 8.0 (8.5) | < 0.001 |
| Desire | | | | |
| Mean (SD) | 3.4 (1.3) | 3.1 (1.6) | 2.3 (1.5) | 0.034 |
| Arousal | | | | |
| Mean (SD) | 2.9 (1.9) | 2.6 (2.0) | 1.0 (1.5) | < 0.001 |
| Lubrication | | | | |
| Mean (SD) | 3.5 (2.3) | 2.9 (2.3) | 0.8 (1.2) | < 0.001 |
| Orgasm | | | | |
| Mean (SD) | 3.5 (2.3) | 2.7 (2.2) | 0.8 (1.2) | < 0.001 |
| Satisfaction | | | | |
| Mean (SD) | 3.8 (1.7) | 3.0 (1.8) | 2.1 (1.6) | 0.004 |
| Pain | | | | |
| Mean (SD) | 3.5 (2.4) | 2.8 (2.5) | 1.4 (2.4) | 0.012 |
| Sexual dysfunction | 60.0% | 77.4% | 95.8% | 0.011 |
| No Sexual dysfunction | 40.0% | 22.6% | 4.2% | |

| WOMEN SEXUAL FUNCTION by disease duration | <2 year (N=28) | 2-5 year (N=31) | 5-10 year (N=36) | >10 year (N=34) | P-value |
|--|--------------------------|------------------------|-------------------------|---------------------------|----------------|
|--|--------------------------|------------------------|-------------------------|---------------------------|----------------|

| FSFI total score | | | | | |
|-------------------------|------------|-------------|-------------|-------------|------|
| Mean (SD) | 19.3 (9.8) | 16.4 (10.8) | 15.3 (12.3) | 14.5 (11.0) | 0.69 |
| Desire | | | | | |
| Mean (SD) | 3.7 (1.4) | 3.0 (1.7) | 3.6 (1.8) | 2.5 (1.2) | 0.05 |
| Arousal | | | | | |
| Mean (SD) | 2.5 (1.9) | 2.0 (1.9) | 2.8 (2.2) | 2.0 (1.8) | 0.45 |
| Lubrication | | | | | |
| Mean (SD) | 3.0 (2.3) | 2.6 (2.5) | 2.7 (2.5) | 2.2 (2.1) | 0.76 |
| Orgasm | | | | | |
| Mean (SD) | 2.8 (2.1) | 2.6 (2.4) | 2.3 (2.40) | 2.1 (2.3) | 0.83 |
| Satisfaction | | | | | |
| Mean (SD) | 3.60 (1.3) | 3.2 (1.5) | 2.9 (2.1) | 2.9 (2.0) | 0.7 |
| Pain | | | | | |
| Mean (SD) | 3.8 (2.7) | 2.9 (2.6) | 2.1 (2.4) | 2.5 (2.6) | 0.32 |
| Sexual dysfunction | 80.0% | 77.8% | 74.1% | 85.7% | 0.75 |
| No Sexual dysfunction | 20.0% | 22.2% | 25.9% | 14.3% | |

| WOMEN SEXUAL FUNCTION by disease control | Disease control (N=91) | No disease control (N=38) | P-value |
|---|-------------------------------|----------------------------------|----------------|
| FSFI total score | | | |
| Mean (SD) | 15.7 (11.1) | 15.8 (11.7) | 0.95 |
| Desire | | | |
| Mean (SD) | 3.3 (1.6) | 2.5 (1.4) | 0.011 |
| Arousal | | | |
| Mean (SD) | 2.4 (2.1) | 2.2 (1.8) | 0.69 |
| Lubrication | | | |
| Mean (SD) | 2.5 (2.3) | 2.8 (2.4) | 0.75 |
| Orgasm | | | |

| | | | |
|-----------------------|------------|-----------|------|
| Mean (SD) | 2.3 (2.3) | 2.8 (2.4) | 0.33 |
| Satisfaction | | | |
| Mean (SD) | 2.9 (1.78) | 3.2 (1.9) | 0.48 |
| Pain | | | |
| Mean (SD) | 2.5 (2.46) | 3.0 (2.6) | 0.3 |
| Sexual dysfunction | 76.7 % | 78.9 % | 0.98 |
| No Sexual dysfunction | 23.3% | 21.1 % | |

| WOMEN SEXUAL FUNCTION by IGF-I class | <=1 (N=91) | 1.0-1.3 (N=18) | >1.3 (N=20) | P-value |
|---|----------------------|-----------------------|-----------------------|----------------|
| FSFI total score | | | | |
| Mean (SD) | 15.7 (11.1) | 14.2 (12.6) | 17.3 (10.9) | 0.7 |
| Desire | | | | |
| Mean (SD) | 3.3 (1.6) | 2.4 (1.5) | 2.7 (1.3) | 0.044 |
| Arousal | | | | |
| Mean (SD) | 2.4 (2.0) | 1.9 (2.0) | 2.5 (1.7) | 0.57 |
| Lubrication | | | | |
| Mean (SD) | 2.5 (2.3) | 2.2 (2.6) | 3.0 (2.3) | 0.54 |
| Orgasm | | | | |
| Mean (SD) | 2.3 (2.3) | 2.4 (2.7) | 3.1 (2.1) | 0.39 |
| Satisfaction | | | | |
| Mean (SD) | 2.9 (1.8) | 3.0 (2.0) | 3.3 (1.8) | 0.68 |
| Pain | | | | |
| Mean (SD) | 2.5 (2.6) | 2.6 (2.6) | 3.4 (2.5) | 0.30 |
| Sexual dysfunction | 76.7 % | 77.8% | 80.0 % | 0.95 |
| No Sexual dysfunction | 23.3 % | 22.2% | 20.0 % | |

Supplemental Table 6: Results of Corsi Block Tapping task , Digit Span, Trial Making Test, Phonemic Verb Fluency questionnaires

| Corsi Block Tapping Task (fw) | | Score |
|--|-------------|------------------|
| Mean (SD) | 4.8 (1.3) | Normal score >1 |
| Visuospatial working memory troubles | 9.5 % | |
| No Visuospatial working memory troubles | 90.5% | |
| Corsi Block Tapping Task (bw) | | |
| Mean (SD) | 3.8 (1.4) | Normal score >1 |
| Visuospatial working memory troubles | 9.5 % | |
| No Visuospatial working memory troubles | 90.5% | |
| DIGIT SPAN (fw) | | |
| Mean (SD) | 6.0 (1.5) | Normal score >1 |
| Short-term verbal working memory troubles | 14.5 % | |
| No Short-term verbal working memory troubles | 85.5 % | |
| DIGIT SPAN (bw) | | |
| Mean (SD) | 3.9 (1.3) | Normal score >1 |
| Short-term verbal working memory troubles | 12.7 % | |
| No Short-term verbal working memory troubles | 87.3 % | |
| Trial Making Test A | | |
| Mean (SD) | 33.9 (17.3) | |
| Reduced attentive process | 12.3% | |
| No Reduced attentive process | 87.7% | |
| Trial Making Test B | | |
| Mean (SD) | 90.7 (69.5) | |
| Reduced attentive process | 9.7% | |
| No Reduced attentive process | 90.3% | |
| Trial Making Test B-A | | |
| Mean (SD) | 57.4 (63.8) | |
| Reduced attentive process | 9.7% | |
| No Reduced attentive process | 90.3% | |
| PHONEMIC VERB FLUENCY | | |
| Mean (SD) | 30.7 (9.3) | Normal score >17 |

| | |
|----------------------------|-------|
| Verbal fluency troubles | 11.5% |
| No Verbal fluency troubles | 88.5% |

| Cognitive functions by age range | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|--|--------------------------------|------------------------------------|--------------------------------|----------------|
| Corsi Block Tapping Task (fw) | | | | |
| Mean (SD) | 5.1 (1.6) | 4.7 (1.3) | 4.7 (1.1) | 0.27 |
| Visuospatial working memory troubles | 7.3% | 11.3% | 7.1% | 0.59 |
| No Visuospatial working memory troubles | 92.7% | 88.7% | 92.9% | |
| Corsi Block Tapping Task (bw) | | | | |
| Mean (SD) | 4.0 (1.3) | 3.9 (1.5) | 3.6 (1.1) | 0.23 |
| Visuospatial working memory troubles | 7.3% | 11.3% | 7.1% | 0.59 |
| No Visuospatial working memory troubles | 92.7% | 88.7% | 92.9% | |
| DIGIT SPAN (fw) | | | | |
| Mean (SD) | 6.2 (1.4) | 6.0 (1.6) | 5.7 (1.1) | 0.29 |
| Short-term verbal working memory troubles | 12.2% | 16.1% | 12.5% | 0.73 |
| No Short-term verbal working memory troubles | 87.8% | 83.9% | 87.5% | |
| DIGIT SPAN (bw) | | | | |
| Mean (SD) | 4.0 (1.1) | 4.0 (1.65) | 3.9 (1.1) | 0.93 |
| Short-term verbal working memory troubles | 7.3% | 15.3% | 10.7% | 0.36 |
| No Short-term verbal working memory troubles | 92.7 % | 84.7% | 89.3% | |
| Trial Making Test A | | | | |
| Mean (SD) | 34.7 (11.3) | 32.4 (14.3) | 36.7 (25.3) | 0.3 |
| Reduced attentive process | 9.8% | 9.7% | 20.0% | 0.13 |
| No Reduced attentive process | 90.2 % | 90.3% | 80.0% | |
| Trial Making Test B | | | | |
| Mean (SD) | 100.0 (58.7) | 82.7 (64.5) | 102.0 (86.0) | 0.15 |
| Reduced attentive process | 7.3% | 7.3% | 17.3% | 0.1 |
| No Reduced attentive process | 92.7 % | 92.7 % | 82.7% | |

| Cognitive functions by age range | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|---|--------------------------------|------------------------------------|--------------------------------|----------------|
| Trial Making Test B-A | | | | |
| Mean (SD) | 65.2 (56.4) | 51.0 (58.8) | 66.2 (78.4) | 0.24 |
| Reduced attentive process | 9.8% | 8.1% | 13.5% | 0.54 |
| No Reduced attentive process | 90.2 % | 91.9% | 86.5% | |
| PHONEMIC VERB FLUENCY | | | | |
| Mean (SD) | 29.0 (7.7) | 32.0 (9.6) | 29.1 (9.5) | 0.065 |
| Verbal fluency troubles | 17.1% | 9.0% | 12.7% | 0.35 |
| No Verbal fluency troubles | 82.9 % | 91.0% | 87.3% | |

| Cognitive functions by gender | Men (N=94) | Women (N=129) | P-value |
|--|-----------------------|--------------------------|----------------|
| Corsi Block Tapping Task (fw) | | | |
| Mean (SD) | 4.8 (1.2) | 4.8 (1.4) | 0.9 |
| Visuospatial working memory troubles | 6.4% | 11.7% | 0.28 |
| No Visuospatial working memory troubles | 93.6% | 88.3% | |
| Corsi Block Tapping Task (bw) | | | |
| Mean (SD) | 4.1 (1.4) | 3.6 (1.3) | 0.028 |
| Visuospatial working memory troubles | 6.4% | 11.7% | 0.28 |
| No Visuospatial working memory troubles | 93.6% | 88.3% | |
| DIGIT SPAN (fw) | | | |
| Mean (SD) | 6.2 (1.7) | 5.8 (1.3) | 0.14 |
| Short-term verbal working memory troubles | 19.4% | 10.9% | 0.12 |
| No Short-term verbal working memory troubles | 80.6% | 89.1% | |
| DIGIT SPAN (bw) | | | |
| Mean (SD) | 4.2 (1.4) | 3.8 (1.2) | 0.051 |
| Short-term verbal working memory troubles | 10.8% | 14.1% | 0.6 |
| No Short-term verbal working memory troubles | 89.2% | 85.9% | |

| Cognitive functions by gender | Men (N=94) | Women (N=129) | P-value |
|--------------------------------------|-----------------------|--------------------------|----------------|
| Trial Making Test A | | | |
| Mean (SD) | 31.9 (17.6) | 35.4 (17.0) | 0.14 |
| Reduced attentive process | 7.5% | 15.7% | 0.1 |
| No Reduced attentive process | 92.5% | 84.3% | |
| Trial Making Test B | | | |
| Mean (SD) | 80.3 (60.8) | 98.5 (74.7) | 0.05 |
| Reduced attentive process | 5.4% | 12.9% | 0.1 |
| No Reduced attentive process | 94.6% | 87.1% | |
| Trial Making Test B-A | | | |
| Mean (SD) | 49.1 (54.0) | 63.5 (69.8) | 0.089 |
| Reduced attentive process | 6.4% | 12.1% | 0.25 |
| No Reduced attentive process | 93.6% | 87.9% | |
| PHONEMIC VERB FLUENCY | | | |
| Mean (SD) | 29.6 (8.9) | 31.5 (9.6) | 0.14 |
| Verbal fluency troubles | 12.1% | 11.0% | 0.98 |
| No Verbal fluency troubles | 87.9% | 89.0% | |

| Cognitive functions by disease duration | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | >10 year (N=52) | P-value |
|--|------------------------------|----------------------------|-----------------------------|-------------------------------|----------------|
| Corsi Block Tapping Task (fw) | | | | | |
| Mean (SD) | 5.0 (0.9) | 5.0 (1.4) | 4.5 (1.3) | 4.8 (1.3) | 0.19 |
| Visuospatial working memory troubles | 0.0% | 9.1% | 14.0 % | 7.7 % | 0.23 |
| No Visuospatial working memory troubles | 100.0% | 90.9% | 86.0 % | 92.3% | |
| Corsi Block Tapping Task (bw) | | | | | |
| Mean (SD) | 4.3 (1.6) | 4.0 (1.42) | 3.7 (1.5) | 3.7 (1.3) | 0.17 |
| Visuospatial working memory troubles | 0.0% | 9.1% | 14.0 % | 7.7 % | 0.23 |
| No Visuospatial working memory troubles | 100.0% | 90.9% | 86.0 % | 92.3% | |
| DIGIT SPAN (fw) | | | | | |

| Cognitive functions by disease duration | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | >10 year (N=52) | P-value |
|--|--------------------------|------------------------|-------------------------|---------------------------|----------------|
| Mean (SD) | 6.2 (1.4) | 6.0 (1.3) | 6.0 (1.4) | 5.9 (1.6) | 0.382 |
| Short-term verbal working memory troubles | 12.0% | 12.7 % | 12.3 % | 17.3 % | 0.86 |
| No Short-term verbal working memory troubles | 88.0% | 87.3 % | 87.7 % | 82.7 % | |
| DIGIT SPAN (bw) | | | | | |
| Mean (SD) | 4.3 (1.5) | 4.0 (1.0) | 4.0 (1.2) | 4.0 (1.5) | 0.6 |
| Short-term verbal working memory troubles | 8.0% | 9.1 % | 8.8 % | 13.5 % | 0.81 |
| No Short-term verbal working memory troubles | 92.0% | 90.9 % | 91.2 % | 86.5 % | |
| Trial Making Test A | | | | | |
| Mean (SD) | 33.4 (11.0) | 36.1 (15.0) | 34.2 (23.6) | 32.2 (14.7) | 0.72 |
| Reduced attentive process | 4.0% | 14.8 % | 15.8 % | 11.5 % | 0.48 |
| No Reduced attentive process | 96.0% | 85.2 % | 84.2 % | 88.5 % | |
| Trial Making Test B | | | | | |
| Mean (SD) | 81.5 (28.9) | 88.4 (49.6) | 90.8 (77.5) | 91.2 (79.0) | 0.94 |
| Reduced attentive process | 0.0% | 5.6 % | 16.1% | 13.7 % | 0.34 |
| No Reduced attentive process | 100.0% | 94.4 % | 83.9 % | 86.3 % | |
| Trial Making Test B-A | | | | | |
| Mean (SD) | 47.6 (24.7) | 52.8 (46.4) | 57.6 (68.5) | 60.4 (76.5) | 0.83 |
| Reduced attentive process | 4.2% | 5.6 % | 12.5% | 13.7 % | 0.34 |
| No Reduced attentive process | 95.8 % | 94.4 % | 87.5 % | 86.3 % | |
| PHONEMIC VERB FLUENCY | | | | | |
| Mean (SD) | 32.0 (6.9) | 30.5 (8.3) | 32 (10.6) | 30.3 (9.7) | 0.74 |

| Cognitive functions by disease duration | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | >10 year (N=52) | P-value |
|--|--------------------------|------------------------|-------------------------|---------------------------|----------------|
| Verbal fluency troubles | 4.0 % | 7.3 % | 10.7% | 16.0% | 0.33 |
| No Verbal fluency troubles | 96.0 % | 92.7 % | 89.3% | 84.0% | |

| Cognitive functions disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--------------------------------|----------------------------------|----------------|
| Corsi Block Tapping Task (fw) | | | |
| Mean (SD) | 4.8 (1.3) | 4.8 (1.2) | 0.85 |
| Visuospatial working memory troubles | 10.4% | 7.5% | 0.76 |
| No Visuospatial working memory troubles | 89.6% | 92.5% | 0.67 |
| Corsi Block Tapping Task (bw) | | | |
| Mean (SD) | 3.7 (1.3) | 4.1 (1.6) | 0.095 |
| Visuospatial working memory troubles | 10.4% | 7.5% | 0.67 |
| No Visuospatial working memory troubles | 89.6% | 92.5% | 0.67 |
| DIGIT SPAN (fw) | | | |
| Mean (SD) | 5.9 (1.5) | 6.1 (1.4) | 0.34 |
| Short-term verbal working memory troubles | 15.6% | 11.9% | 0.62 |
| No Short-term verbal working memory troubles | 84.4% | 88.1% | 0.62 |
| DIGIT SPAN (bw) | | | |
| Mean (SD) | 3.9 (1.3) | 4.0 (1.4) | 0.76 |
| Short-term verbal working memory troubles | 12.3% | 13.4% | 0.99 |
| No Short-term verbal working memory troubles | 87.7% | 86.6% | 0.99 |
| Trial Making Test A | | | |
| Mean (SD) | 34.1 (17.3) | 33.5 (17.5) | 0.81 |
| Reduced attentive process | 11.8% | 13.4% | 0.9 |
| No Reduced attentive process | 88.2% | 86.6% | 0.9 |

| Cognitive functions disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|--|--------------------------------|----------------------------------|----------------|
| Trial Making Test B | | | |
| Mean (SD) | 87.9 (67.8) | 97.2 (73.4) | 0.38 |
| Reduced attentive process | 9.3% | 10.6% | 0.96 |
| No Reduced attentive process | 90.7% | 89.4% | |
| Trial Making Test B-A | | | |
| Mean (SD) | 54.3 (63.0) | 64.2 (65.3) | 0.3 |
| Reduced attentive process | 8.6% | 12.1% | 0.58 |
| No Reduced attentive process | 91.4% | 87.9% | |
| PHONEMIC VERB FLUENCY | | | |
| Mean (SD) | 30.4 (9.4) | 31.3 (9.2) | 0.51 |
| Verbal fluency troubles | 11.7% | 10.9% | 0.99 |
| No Verbal fluency troubles | 88.3% | 89.1% | |

| Cognitive functions by IGF-I categories | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|--|-----------------------|-----------------------|-----------------------|----------------|
| Corsi Block Tapping Task (fw) | | | | |
| Mean (SD) | 4.8 (1.3) | 4.8 (1.3) | 4.8 (1.1) | 0.98 |
| Visuospatial working memory troubles | 10.4% | 6.2% | 8.6% | 0.75 |
| No Visuospatial working memory troubles | 89.6% | 93.8% | 91.4% | |
| Corsi Block Tapping Task (bw) | | | | |
| Mean (SD) | 3.7 (1.3) | 3.9 (1.7) | 4.3 (1.6) | 0.09 |
| Visuospatial working memory troubles | 10.4% | 6.2% | 8.6% | 0.75 |
| No Visuospatial working memory troubles | 89.6% | 93.8% | 91.4% | |
| DIGIT SPAN (fw) | | | | |
| Mean (SD) | 5.9 (1.5) | 6.2 (1.6) | 6.1 (1.2) | 0.62 |
| Short-term verbal working memory troubles | 15.6% | 12.5% | 11.4% | 0.77 |
| No Short-term verbal working memory troubles | 84.4% | 87.5% | 88.6% | |
| DIGIT SPAN (bw) | | | | |
| Mean (SD) | 3.9 (1.3) | 3.7 (1.5) | 4.3 (1.2) | 0.2 |

| Cognitive functions by IGF-I categories | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|--|---------------------------|---------------------------|---------------------------|----------------|
| Short-term verbal working memory troubles | 12.3% | 21.9% | 5.7% | 0.14 |
| No Short-term verbal working memory troubles | 87.7% | 78.1% | 94.3% | |
| Trial Making Test A | | | | |
| Mean (SD) | 34.1 (17.3) | 35.2 (18.8) | 32.0 (16.4) | 0.73 |
| Reduced attentive process | 11.8% | 15.6% | 11.4% | 0.82 |
| No Reduced attentive process | 88.2% | 84.4% | 88.6% | |
| Trial Making Test B | | | | |
| Mean (SD) | 87.9 (67.8) | 85.2 (42.5) | 108 (91.8) | 0.26 |
| Reduced attentive process | 9.3% | 6.2% | 14.7% | 0.49 |
| No Reduced attentive process | 90.7% | 93.8% | 85.3% | |
| Trial Making Test B-A | | | | |
| Mean (SD) | 54.3 (63.0) | 49.5 (39.3) | 78.1 (81.0) | 0.11 |
| Reduced attentive process | 8.6% | 6.2% | 17.6% | 0.21 |
| No Reduced attentive process | 91.4% | 93.8% | 82.4% | |
| PHONEMIC VERB FLUENCY | | | | |
| Mean (SD) | 30.4 (9.4) | 30.7 (7.6) | 32.0 (10.6) | 0.69 |
| Verbal fluency troubles | 11.7% | 6.2% | 15.6% | 0.49 |
| No Verbal fluency troubles | 88.3% | 93.8% | 84.4% | |

Supplemental Table 7: Results of the AcroQoL

| | |
|------------------------------------|-------------|
| ACROQoL | |
| Total score | |
| Mean (SD) | 62.4 (20.4) |
| Physical Quality | |
| Mean (SD) | 56.5 (25.3) |
| Psychological Quality | |
| Mean (SD) | 64.5 (19.7) |
| Body Image Quality | |
| Mean (SD) | 54.3 (24.0) |
| Social Relationship Quality | |
| Mean (SD) | 75.1 (19.3) |

| ACROQoL by age class | <45 years (N=42) | 45-64 years (N=125) | >64 years (N=56) | P-value |
|------------------------------------|--------------------------------|--------------------------------|--------------------------------|----------------|
| Total score | | | | |
| Mean (SD) | 61.9 (19.3) | 61.7 (21.4) | 64.6 (18.9) | 0.69 |
| Physical Quality | | | | |
| Mean (SD) | 55.8 (22.9) | 57.0 (25.9) | 55.9 (26.1) | 0.95 |
| Psychological Quality | | | | |
| Mean (SD) | 62.8 (18.5) | 63.3 (21.0) | 68.6 (17.2) | 0.23 |
| Body Image Quality | | | | |
| Mean (SD) | 53.6 (21.1) | 53.6 (25.0) | 56.4 (24.1) | 0.77 |
| Social Relationship Quality | | | | |
| Mean (SD) | 72.0 (19.3) | 73.8 (20.6) | 80.8 (15.1) | 0.05 |

| ACROQoL by gender | Male (N=94) | Female (N=129) | P-value |
|--------------------------|------------------------|---------------------------|----------------|
| Total score | | | |
| Mean (SD) | 64.1 (21.8) | 61.2 (19.2) | 0.31 |

| | | | |
|------------------------------------|-------------|-------------|------|
| Physical Quality | | | |
| Mean (SD) | 58.5 (27.1) | 55.0 (23.8) | 0.33 |
| Psychological Quality | | | |
| Mean (SD) | 66.0 (20.9) | 63.3 (18.8) | 0.33 |
| Body Image Quality | | | |
| Mean (SD) | 56.5 (25.2) | 52.6 (23.1) | 0.25 |
| Social Relationship Quality | | | |
| Mean (SD) | 76.3 (19.9) | 74.2 (18.9) | 0.43 |

| ACROQoL by disease duration | <2 year (N=25) | 2-5 year (N=55) | 5-10 year (N=59) | 10+ year (N=52) | P-value |
|------------------------------------|------------------------------|----------------------------|-----------------------------|----------------------------|----------------|
| Total score | | | | | |
| Mean (SD) | 60.6 (24.9) | 60.1 (19.2) | 64.4 (19.1) | 62.4 (21.1) | 0.72 |
| Physical Quality | | | | | |
| Mean (SD) | 53.6 (26.9) | 54.3 (25.0) | 59.6 (25.7) | 56.7 (24.7) | 0.67 |
| Psychological Quality | | | | | |
| Mean (SD) | 60.8 (24.0) | 63.1 (17.7) | 65.5 (17.8) | 64.6 (21.7) | 0.79 |
| Body Image Quality | | | | | |
| Mean (SD) | 52.9 (28.0) | 51.1 (22.4) | 55.6 (22.3) | 54.0 (25.9) | 0.81 |
| Social Relationship Quality | | | | | |
| Mean (SD) | 68.9 (22.8) | 75.5 (16.5) | 76.3 (18.6) | 75.5 (21.9) | 0.43 |

| ACROQoL by disease control | Disease control (N=156) | No disease control (N=67) | P-value |
|-----------------------------------|------------------------------------|--------------------------------------|----------------|
| Total score | | | |
| Mean (SD) | 62.7 (20.2) | 61.9 (20.9) | 0.81 |
| Physical Quality | | | |
| Mean (SD) | 57.1 (25.0) | 55.3 (26.1) | 0.65 |
| Psychological Quality | | | |
| Mean (SD) | 65.0 (19.7) | 63.2 (19.9) | 0.53 |

| | | | |
|------------------------------------|-------------|-------------|------|
| Body Image Quality | | | |
| Mean (SD) | 55.1 (23.8) | 52.5 (24.6) | 0.48 |
| Social Relationship Quality | | | |
| Mean (SD) | 75.2 (19.3) | 74.9 (19.4) | 0.93 |

| ACROQoL by IGF-I class | <=1 (N=156) | 1.0-1.3 (N=32) | >1.3 (N=35) | P-value |
|------------------------------------|---------------------------|---------------------------|---------------------------|----------------|
| Total score | | | | |
| Mean (SD) | 62.7 (20.2) | 59.6 (21.1) | 66.3 (20.1) | 0.18 |
| Physical Quality | | | | |
| Mean (SD) | 57.1 (25.0) | 48.6 (25.94) | 61.3 (25.6) | 0.12 |
| Psychological Quality | | | | |
| Mean (SD) | 65.0 (19.7) | 57.7 (20.3) | 68.0 (18.6) | 0.091 |
| Body Image Quality | | | | |
| Mean (SD) | 55.1 (23.8) | 44.7 (23.6) | 59.3 (23.7) | 0.039 |
| Social Relationship Quality | | | | |
| Mean (SD) | 75.2 (19.3) | 70.7 (20.9) | 78.6 (17.6) | 0.27 |

