**Supplementary – table S1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PINP - men** |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | 0.0032 | 0.0056 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0021 | 0.0003 |
| **25-29** |   | ns | ns | ns | 0.0054 | 0.0091 | 0.0002 | <0.0001 | <0.0001 | <0.0001 | 0.0035 | 0.0004 |
| **30-34** |   |   | ns | ns | ns | ns | 0.017 | <0.0001 | 0.0002 | 0.0002 | ns | 0.0333 |
| **35-39** |   |   |   | ns | ns | ns | ns | 0.0067 | ns | ns | ns | ns |
| **40-44** |   |   |   |   | ns | ns | ns | 0.0348 | ns | ns | ns | ns |
| **45-49** |   |   |   |   |   | ns | ns | ns | ns | ns | ns | ns |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | ns | ns |
| **55-59** |   |   |   |   |   |   |   | ns | ns | ns | ns | ns |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **PINP - women** |  |  |  |  |  |  |  |  |  |  |  |
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| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **25-29** |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **30-34** |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **35-39** |   |   |   | ns | ns | ns | ns | 0.003 | 0.0254 | ns | ns | 0.0084 |
| **40-44** |   |   |   |   | ns | ns | ns | 0.0247 | ns | ns | ns | ns |
| **45-49** |   |   |   |   |   | ns | ns | 0.0165 | ns | ns | ns | 0.0367 |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | ns | ns |
| **55-59** |   |   |   |   |   |   |   | ns | ns | ns | ns | ns |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |

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| **C1M - women** |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **25-29** |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **30-34** |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **35-39** |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **40-44** |   |   |   |   | ns | ns | ns | ns | ns | 0.0095 | ns | ns |
| **45-49** |   |   |   |   |   | ns | ns | ns | ns | ns | ns | ns |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | ns | ns |
| **55-59** |   |   |   |   |   |   |   | ns | ns | ns | ns | ns |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |

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| **Pro-C3 - men** |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | 0.0289 | ns | ns | ns | ns | ns | ns | ns |
| **25-29** |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **30-34** |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **35-39** |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **40-44** |   |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns |
| **45-49** |   |   |   |   |   | ns | ns | ns | ns | ns | 0.0045 | 0.0387 |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | 0.0194 | ns |
| **55-59** |   |   |   |   |   |   |   | ns | ns | ns | ns | ns |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |

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| **Pro-C3 - women** |  |  |  |  |  |  |  |  |  |  |  |
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| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **25-29** |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **30-34** |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **35-39** |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **40-44** |   |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns |
| **45-49** |   |   |   |   |   | ns | ns | ns | ns | ns | ns | 0.0033 |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | ns | ns |
| **55-59** |   |   |   |   |   |   |   | ns | ns | ns | ns | 0.0026 |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |

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| **C3M - women** |  |  |  |  |  |  |  |  |  |  |  |
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| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **25-29** |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **30-34** |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **35-39** |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **40-44** |   |   |   |   | ns | ns | 0.0128 | ns | ns | ns | ns | ns |
| **45-49** |   |   |   |   |   | ns | 0.0048 | ns | ns | ns | ns | ns |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | ns | ns |
| **55-59** |   |   |   |   |   |   |   | 0.0339 | ns | ns | ns | ns |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |

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| **C4M - women** |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Age** | **25-29** | **30-34** | **35-39** | **40-44** | **45-49** | **50-54** | **55-59** | **60-64** | **65-69** | **70-74** | **75-79** | **80+** |
| **20-24** | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **25-29** |   | ns | ns | ns | ns | ns | 0.0011 | ns | ns | ns | ns | ns |
| **30-34** |   |   | ns | ns | ns | ns | 0.0285 | ns | ns | ns | ns | ns |
| **35-39** |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns | ns |
| **40-44** |   |   |   |   | ns | ns | ns | ns | ns | ns | ns | ns |
| **45-49** |   |   |   |   |   | ns | ns | ns | ns | ns | ns | ns |
| **50-54** |   |   |   |   |   |   | ns | ns | ns | ns | ns | ns |
| **55-59** |   |   |   |   |   |   |   | ns | ns | ns | ns | 0.0129 |
| **60-64** |   |   |   |   |   |   |   |   | ns | ns | ns | ns |
| **65-69** |   |   |   |   |   |   |   |   |   | ns | ns | ns |
| **70-74** |   |   |   |   |   |   |   |   |   |   | ns | ns |
| **75-79** |   |   |   |   |   |   |   |   |   |   |   | ns |