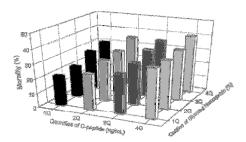
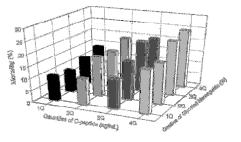
## Appendix 1: Mortality estimates across the quartiles of the serum C-peptide levels and either glycated hemoglobin or fasting blood glucose.

All-cause mortality (C-peptide vs Glycated Hemoglobin)

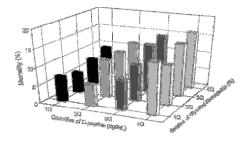


|           |             | alganitud Hermaglulain |        |        |        |             |  |
|-----------|-------------|------------------------|--------|--------|--------|-------------|--|
|           |             | 431.                   | ( (2   | QS.    | Q94    | ja for Bend |  |
|           | Q1          | 21.4                   | 22.4   | 29.4   | 30.8   | 8,5385      |  |
| C-papiide | C2          | 25.3                   | 29.5   | 30.7   | 35.9   | 0.7097      |  |
|           | Q3          | 28.1                   | 232.9  | 33.8   | 35.8   | 0.504       |  |
|           | Q4          | 34.6                   | 34.1   | 35.9   | 40.6   | 0.6054      |  |
|           | is tar used | 0.243                  | 6.252% | 0.0007 | 0.0619 |             |  |

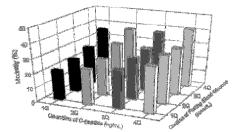
All-cause mortality (C-peptide vs Fasting Blond Glucose)



|           | l           | Glycanical Hamoglaines |         |        |        |           |  |
|-----------|-------------|------------------------|---------|--------|--------|-----------|--|
|           | Ĩ           | ÇI.                    | 132     | 03     | Q4     | picr tend |  |
|           | ्र          | 15.8                   | 9.7     | 12.0   | 14.1   | 0.2408    |  |
| C-peptide | 02          | 11.2                   | 17.0    | 15.3   | 15.1   | 0.6674    |  |
|           | 3           | 12.8                   | 16.5    | 21.6   | 20,3   | 0.0649    |  |
|           | ्4          | 12.4                   | 17.5    | 23.3   | 24,8   | 0.1445    |  |
|           | ge før lænd | 0.1.184                | 3.11.02 | 0.6500 | LCCL > |           |  |



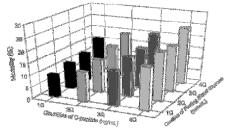
| ĺ         |            | Stycetud Hemoglobin |        |        |        |             |  |
|-----------|------------|---------------------|--------|--------|--------|-------------|--|
|           |            | Q1.                 | Q2     | Q3     | 124    | a far trend |  |
|           | Q1         | 7.3                 | S 1    | 7.9    | 6.4    | 0.2449      |  |
| C-peptide | 02         | 6.1                 | 10.7   | 10.9   | 11.5   | 0.6809      |  |
|           | ()<br>()   | 5,3                 | 30.4   | 13.9   | 14.5   | 0.3358      |  |
|           | Q4         | 14.2                | 11.4   | 15.0   | 18.2   | 0 4467      |  |
|           | setar wand | 0.0425              | ä.5205 | 6.0325 | 0.0071 |             |  |



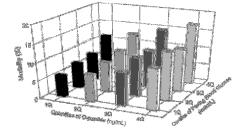
|          |            | Festing Blood Glucose |             |        |        |            |  |
|----------|------------|-----------------------|-------------|--------|--------|------------|--|
|          | Î          | 御                     | and a state | 03     | 8      | s for bend |  |
|          | ಭಾ         | 25.22                 | 21.58       | 57.5   | 32.33  | 8.5616     |  |
| C-pepide | QZ         | 34.13                 | 26.74       | 29.09  | 34.35  | 6.6315     |  |
|          | Q3         | 27.25                 | 31.79       | 31.01  | 33.38  | 0.75       |  |
|          | କୃଷ        | 3302                  | 39,990      | 970248 | 41.227 | 61.29X29   |  |
|          | a the tend | 0.0304                | 5.2125      | 619234 | 0.0263 | 1          |  |

Cardiovascular disease mortality (C-peptide vs Fasting Blood Glucose) Coronary heart disease mortality (C-peptide vs Fasting Blood Glucose)

Cardiovascular disease mortality (C-peptide vs Glycated Hemoglobin) Coronary heart disease mortality (C-peptide vs Glycated Hemoglobin)



|           | ]           |          | Festing Ele | od Glucosa   |        |               |
|-----------|-------------|----------|-------------|--------------|--------|---------------|
|           | ]           | <u>2</u> | <u> </u>    | 19           | C4     | je čer izvezi |
|           | Ç4.         | ¥.7      | 115         | 12. <i>7</i> | 12.2   | 杰1347         |
| Copopilde | Çŝ          | 128      | 14.3        | 15.8         | 19.6   | 6.3302        |
|           | Q3          | 15.0     | 1.7.2       | 17.4         | 20.7   | 0.9175        |
|           | 4,84        | 1.M.O    | \$125.      | 12.8         | હ્યત્ર | 83144         |
|           | a ter cread | BRAC     | 都印度         | ologiti      | 0.405  |               |



|           |               | Faming Blood Glucose |        |         |         |                 |  |
|-----------|---------------|----------------------|--------|---------|---------|-----------------|--|
|           |               | Q1                   |        | ga (    | 1. Sec. | ূল দিয় বিজ্ঞাৰ |  |
| [         | - 10 F. (L    | 63                   | 7.5    | 5.1     | 11.5    | 0.3778          |  |
| C-pepilde | 5)X           | 7.6                  | 83     | 10.0    | 12.9    | 0.6947          |  |
|           | Qi            | 9,4                  | 11.0   | 11.0    | 14.9    | 0.7485          |  |
|           | 834<br>-      | 11.7                 | 13.4   | 12.4    | 173     | 0,6743          |  |
|           | ja for instel | 612B68               | 2.1242 | 0.99341 | 11352   | ]               |  |

Appendix to: Min J-Y, Min K-B. Serum connecting peptide levels and risk of death among adults without diabetes mellitus. *CMAJ* 2013. DOI:10.1503/cmaj.121950. Copyright © 2013 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.