

HbA1c treatment effect

Propensity score matching

Female (n=4692)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=294)

3–5 mmol/mol (n=222)

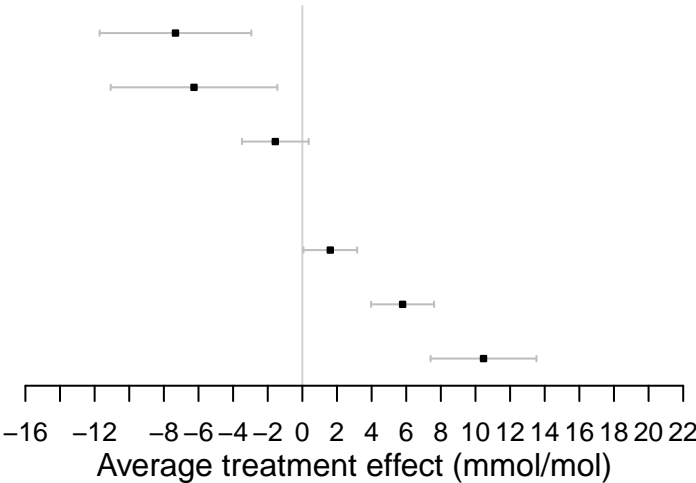
0–3 mmol/mol (n=1088)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=1472)

3–5 mmol/mol (n=1030)

>5 mmol/mol (n=586)



Male (n=5974)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=692)

3–5 mmol/mol (n=1012)

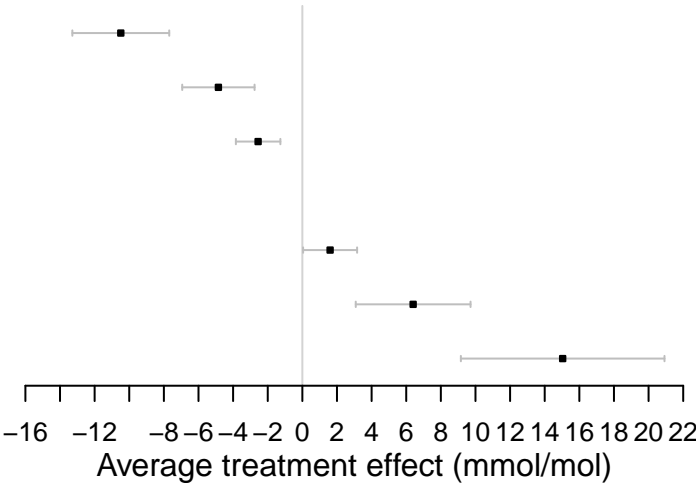
0–3 mmol/mol (n=2254)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=1490)

3–5 mmol/mol (n=326)

>5 mmol/mol (n=200)



Propensity score matching + adjust

Female (n=4692)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=294)

3–5 mmol/mol (n=222)

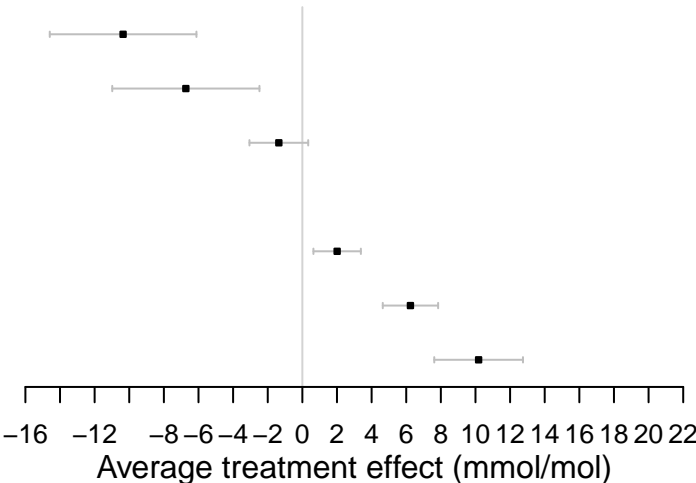
0–3 mmol/mol (n=1088)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=1472)

3–5 mmol/mol (n=1030)

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Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=692)

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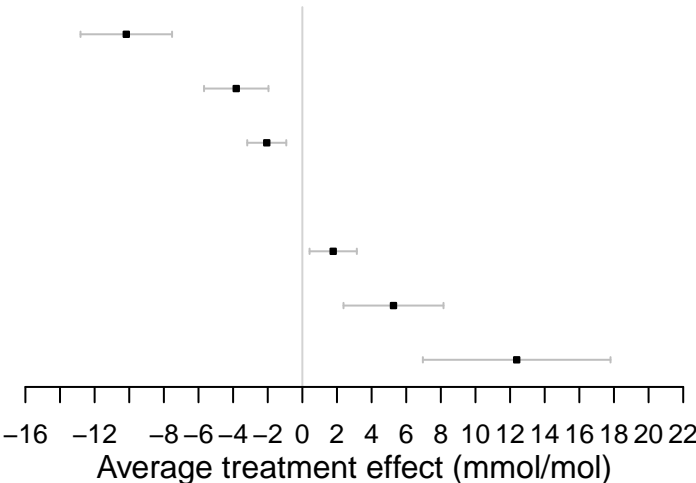
0–3 mmol/mol (n=2254)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=1490)

3–5 mmol/mol (n=326)

>5 mmol/mol (n=200)



Adjust

Female (n=11356)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=591)

3–5 mmol/mol (n=538)

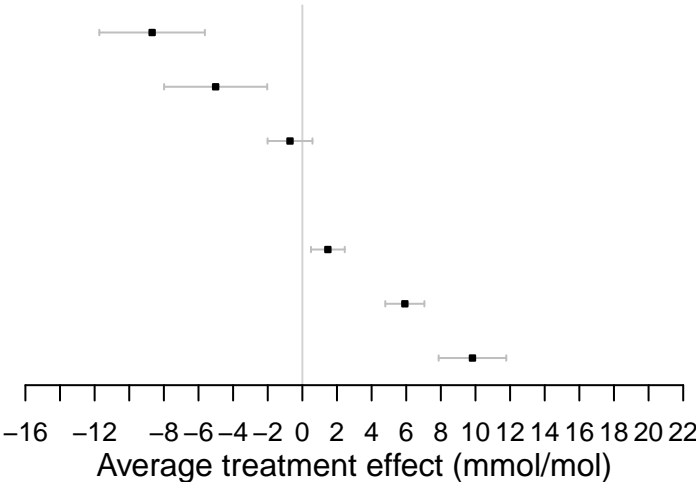
0–3 mmol/mol (n=2267)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=3779)

3–5 mmol/mol (n=2694)

>5 mmol/mol (n=1487)



Male (n=17329)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1602)

3–5 mmol/mol (n=2315)

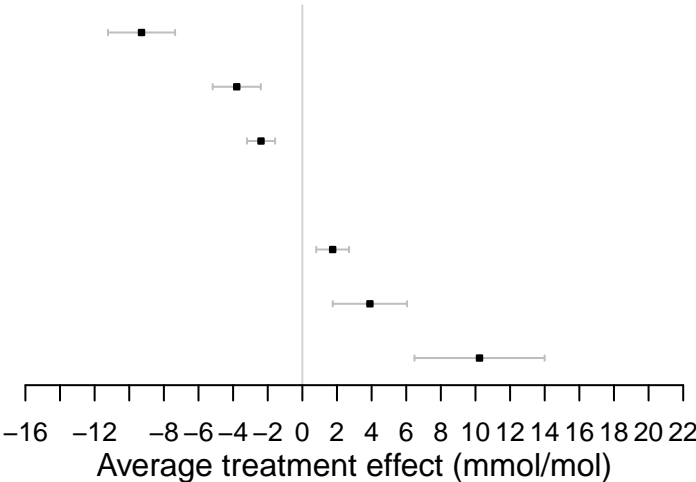
0–3 mmol/mol (n=6474)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=5285)

3–5 mmol/mol (n=1084)

>5 mmol/mol (n=569)





Propensity score matching

SGLT2 GLP1

Female (n=7202)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=447)

3–5 mmol/mol (n=390)

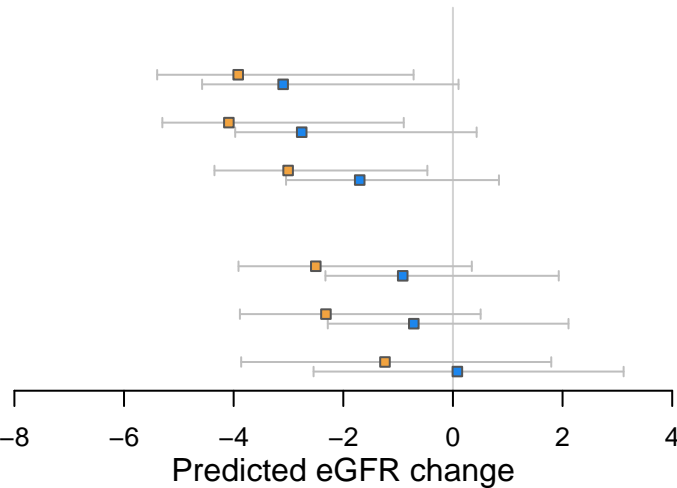
0–3 mmol/mol (n=1599)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2353)

3–5 mmol/mol (n=1448)

>5 mmol/mol (n=965)



Male (n=9416)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1093)

3–5 mmol/mol (n=1546)

0–3 mmol/mol (n=3577)

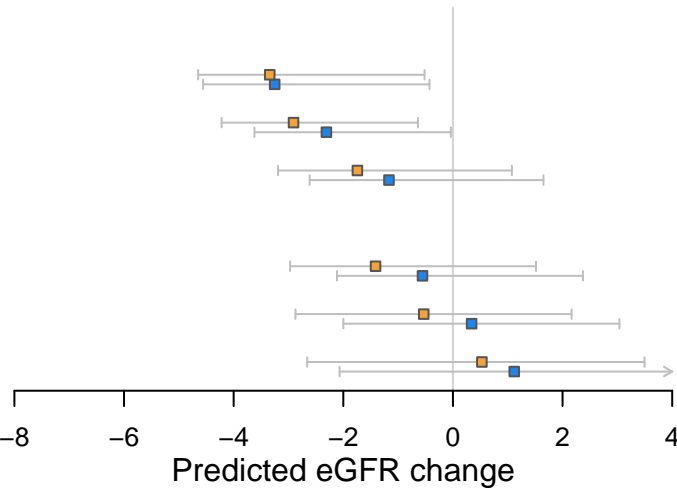
Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2367)

3–5 mmol/mol (n=522)

>5 mmol/mol (n=311)

SGLT2 GLP1



Propensity score matching + adjusted

SGLT2 GLP1

Female (n=7202)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=447)

3–5 mmol/mol (n=390)

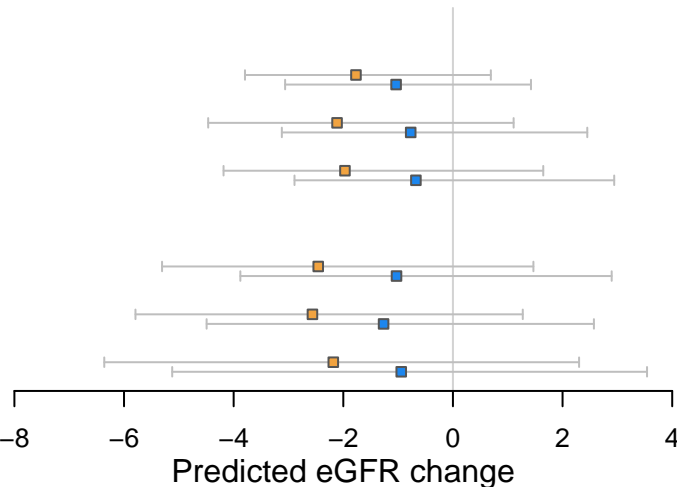
0–3 mmol/mol (n=1599)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2353)

3–5 mmol/mol (n=1448)

>5 mmol/mol (n=965)



Male (n=9416)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1093)

3–5 mmol/mol (n=1546)

0–3 mmol/mol (n=3577)

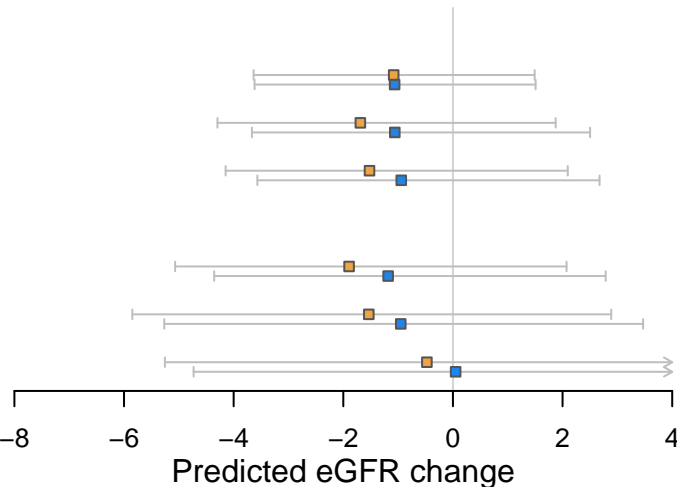
Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2367)

3–5 mmol/mol (n=522)

>5 mmol/mol (n=311)

SGLT2 GLP1



Adjusted

SGLT2 GLP1

Female (n=17439)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=892)

3–5 mmol/mol (n=808)

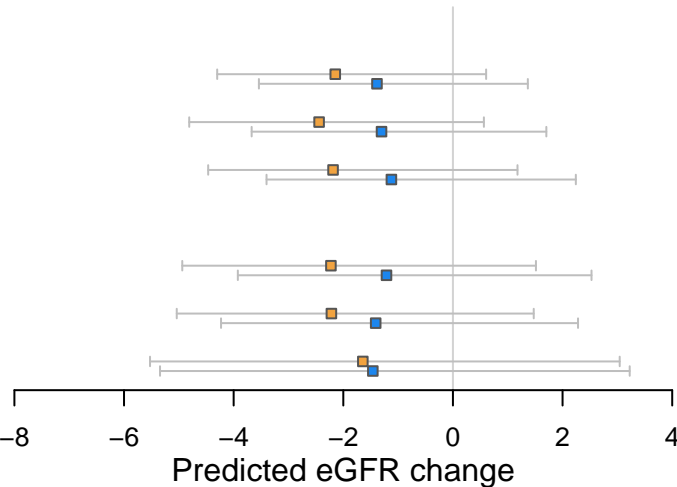
0–3 mmol/mol (n=3453)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=5888)

3–5 mmol/mol (n=4040)

>5 mmol/mol (n=2358)



Male (n=26900)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=2442)

3–5 mmol/mol (n=3597)

0–3 mmol/mol (n=10148)

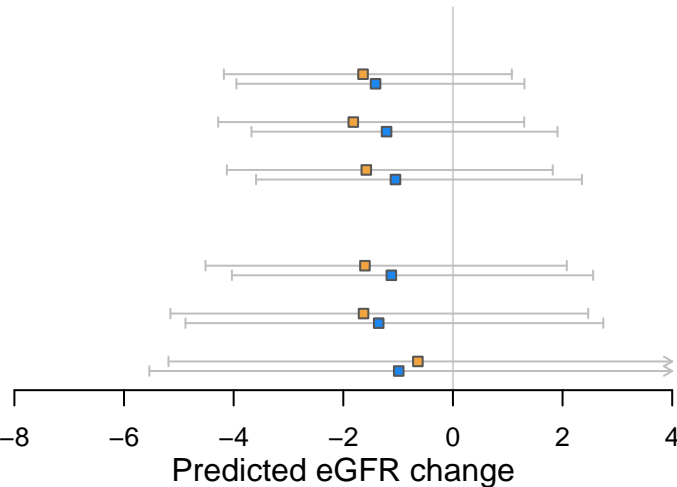
Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=8102)

3–5 mmol/mol (n=1718)

>5 mmol/mol (n=893)

SGLT2 GLP1



Discontinuation

Propensity score matching

SGLT2 GLP1

Female (n=13711)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=971, event = 167)

3–5 mmol/mol (n=790, event = 128)

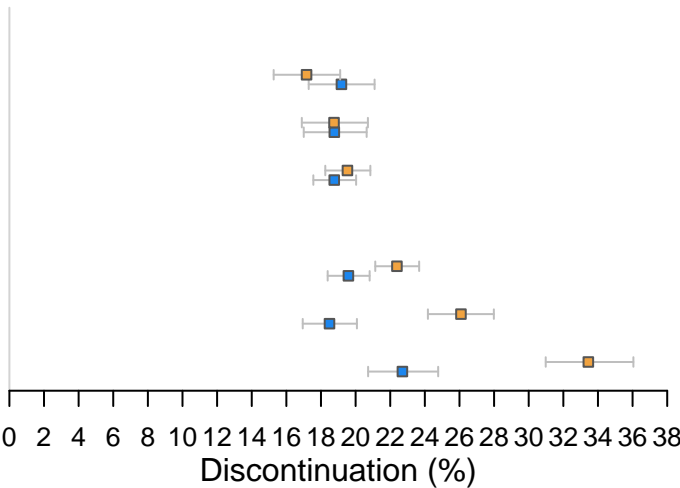
0–3 mmol/mol (n=3078, event = 547)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=4383, event = 845)

3–5 mmol/mol (n=2600, event = 509)

>5 mmol/mol (n=1889, event = 450)



Male (n=17281)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=2072, event = 292)

3–5 mmol/mol (n=2805, event = 434)

0–3 mmol/mol (n=6467, event = 1001)

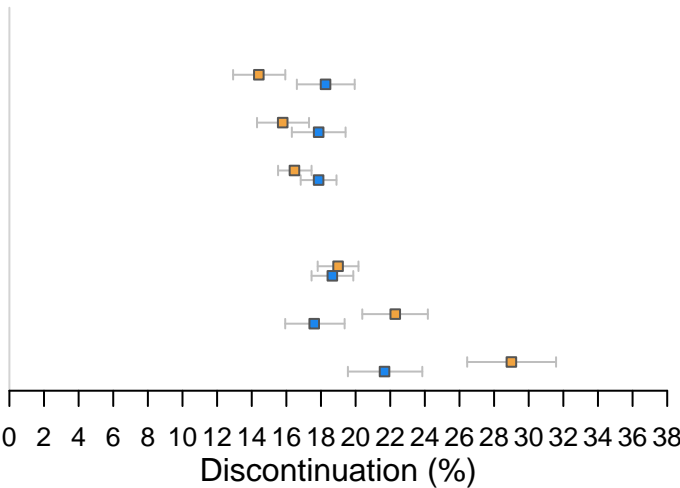
Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=4289, event = 711)

3–5 mmol/mol (n=977, event = 180)

>5 mmol/mol (n=671, event = 151)

SGLT2 GLP1



Propensity score matching + adjusted

SGLT2 GLP1

Female (n=13711)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=971, event = 167)

3–5 mmol/mol (n=790, event = 128)

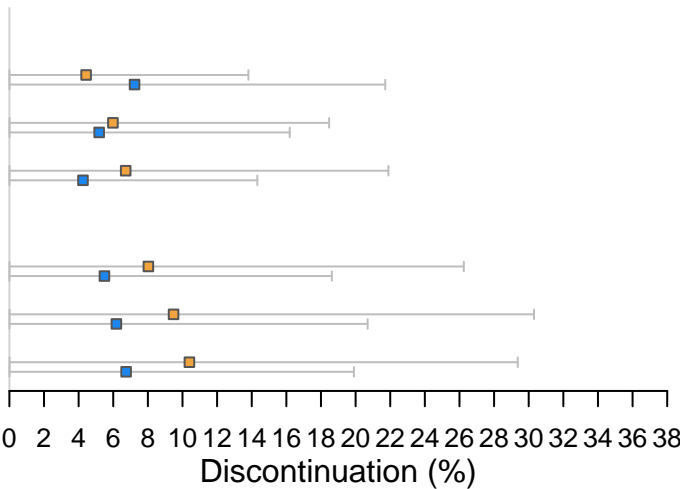
0–3 mmol/mol (n=3078, event = 547)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=4383, event = 845)

3–5 mmol/mol (n=2600, event = 509)

>5 mmol/mol (n=1889, event = 450)



Male (n=17281)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=2072, event = 292)

3–5 mmol/mol (n=2805, event = 434)

0–3 mmol/mol (n=6467, event = 1001)

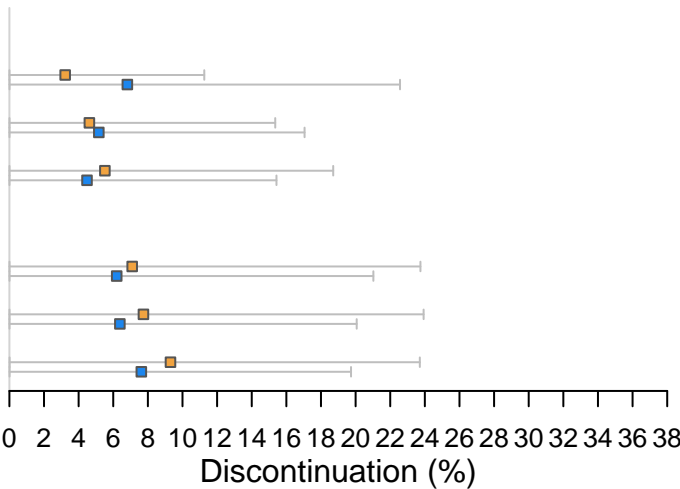
Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=4289, event = 711)

3–5 mmol/mol (n=977, event = 180)

>5 mmol/mol (n=671, event = 151)

SGLT2 GLP1



Adjusted

SGLT2 GLP1

Female (n=31387)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1771, event = 288)

3–5 mmol/mol (n=1493, event = 231)

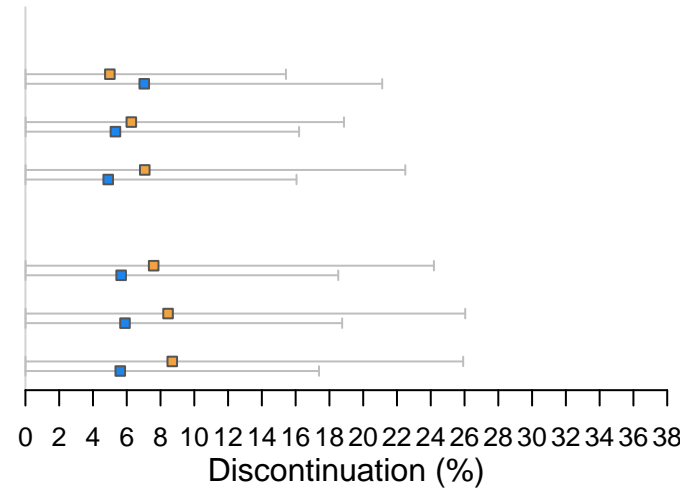
0–3 mmol/mol (n=6235, event = 1115)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=10295, event = 2005)

3–5 mmol/mol (n=7059, event = 1401)

>5 mmol/mol (n=4534, event = 1072)



Male (n=46354)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=4277, event = 563)

3–5 mmol/mol (n=6164, event = 861)

0–3 mmol/mol (n=17011, event = 2638)

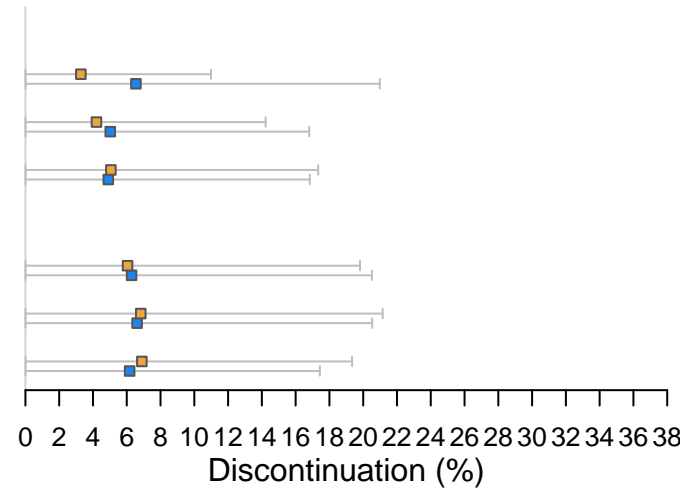
Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=13964, event = 2287)

3–5 mmol/mol (n=3109, event = 573)

>5 mmol/mol (n=1829, event = 389)

SGLT2 GLP1



Propensity score matching

Female (n=8235)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=644, event = 11)

3–5 mmol/mol (n=491, event = 6)

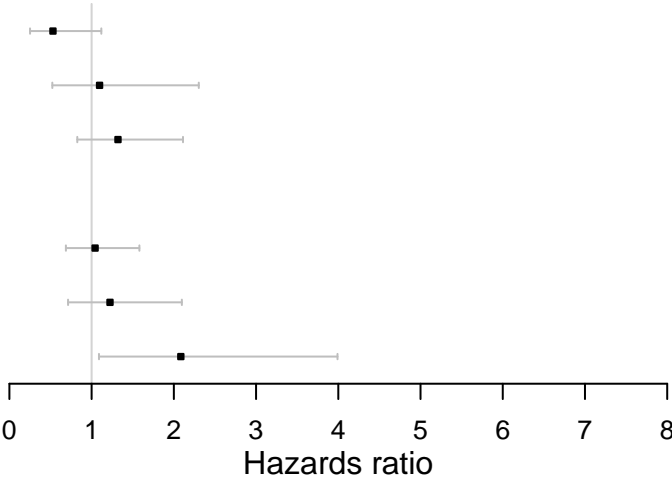
0–3 mmol/mol (n=1975, event = 34)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2570, event = 57)

3–5 mmol/mol (n=1749, event = 42)

>5 mmol/mol (n=806, event = 31)



Male (n=8859)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1177, event = 27)

3–5 mmol/mol (n=1578, event = 31)

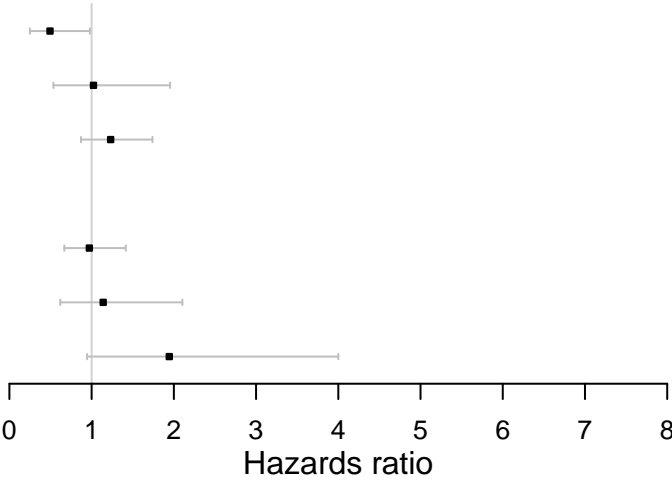
0–3 mmol/mol (n=3445, event = 113)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2159, event = 82)

3–5 mmol/mol (n=330, event = 16)

>5 mmol/mol (n=170, event = 16)



Propensity score matching + adjusted

Female (n=8235)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=644, event = 11)

3–5 mmol/mol (n=491, event = 6)

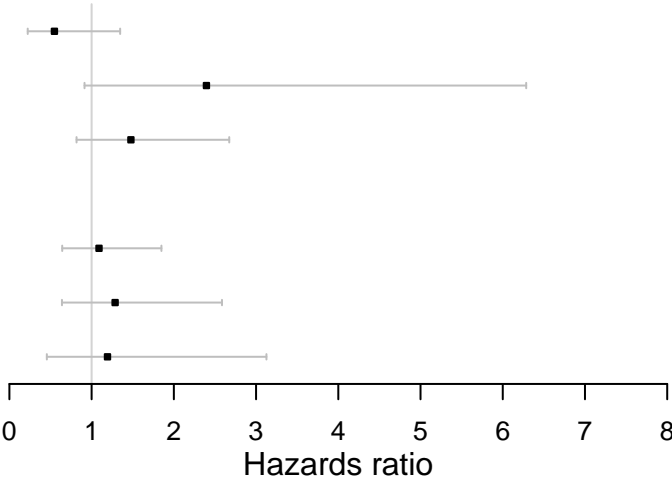
0–3 mmol/mol (n=1975, event = 34)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2570, event = 57)

3–5 mmol/mol (n=1749, event = 42)

>5 mmol/mol (n=806, event = 31)



Male (n=8859)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1177, event = 27)

3–5 mmol/mol (n=1578, event = 31)

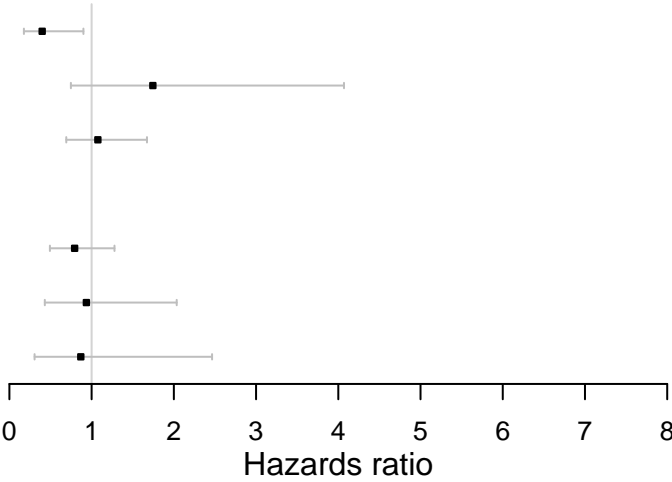
0–3 mmol/mol (n=3445, event = 113)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2159, event = 82)

3–5 mmol/mol (n=330, event = 16)

>5 mmol/mol (n=170, event = 16)



Adjusted

Female (n=22122)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1308, event = 22)

3–5 mmol/mol (n=1104, event = 9)

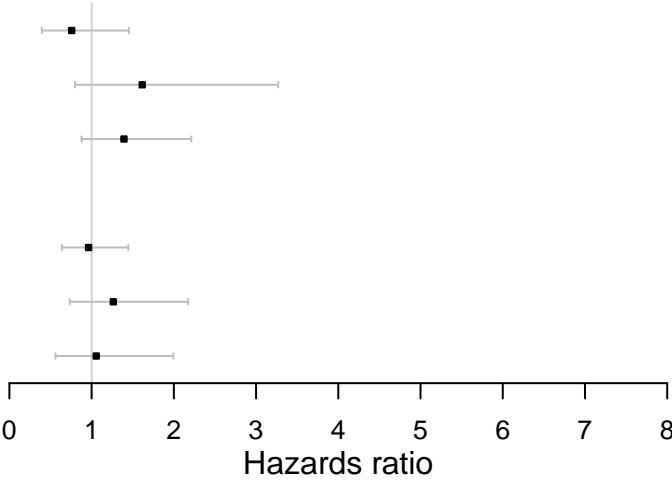
0–3 mmol/mol (n=4586, event = 64)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=7308, event = 148)

3–5 mmol/mol (n=5438, event = 105)

>5 mmol/mol (n=2378, event = 84)



Male (n=29930)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=2928, event = 58)

3–5 mmol/mol (n=4223, event = 88)

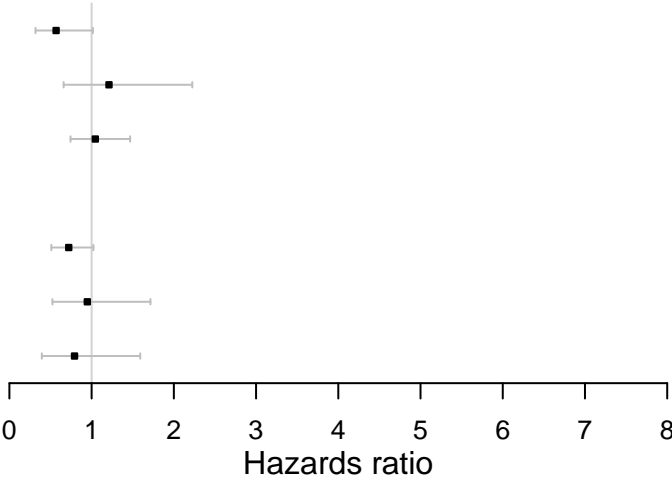
0–3 mmol/mol (n=11693, event = 318)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=9111, event = 264)

3–5 mmol/mol (n=1325, event = 55)

>5 mmol/mol (n=650, event = 45)



Propensity score matching

Female (n=8235)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=644, event = 7)

3–5 mmol/mol (n=491, event = 3)

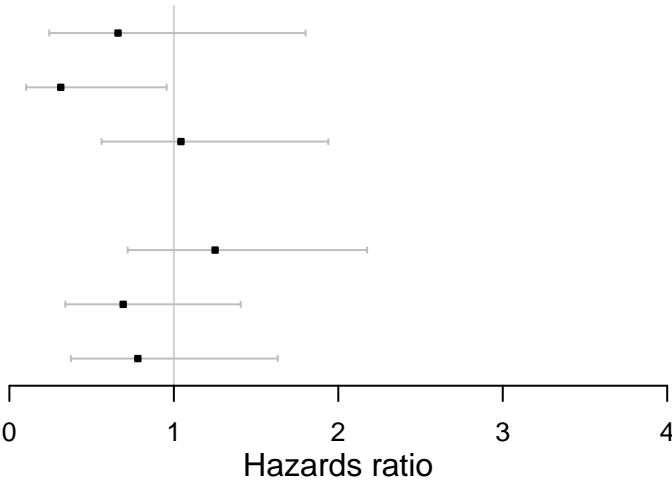
0–3 mmol/mol (n=1975, event = 11)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2570, event = 37)

3–5 mmol/mol (n=1749, event = 24)

>5 mmol/mol (n=806, event = 21)



Male (n=8859)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1177, event = 12)

3–5 mmol/mol (n=1578, event = 17)

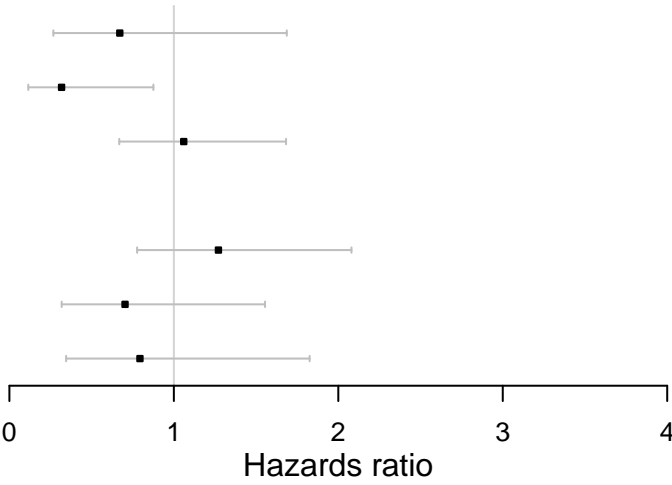
0–3 mmol/mol (n=3445, event = 68)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2159, event = 44)

3–5 mmol/mol (n=330, event = 9)

>5 mmol/mol (n=170, event = 9)



Propensity score matching + adjusted

Female (n=8235)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=644, event = 7)

3–5 mmol/mol (n=491, event = 3)

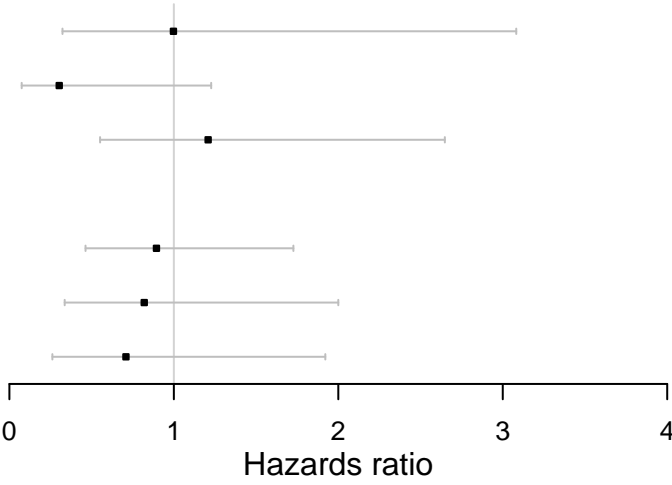
0–3 mmol/mol (n=1975, event = 11)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2570, event = 37)

3–5 mmol/mol (n=1749, event = 24)

>5 mmol/mol (n=806, event = 21)



Male (n=8859)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1177, event = 12)

3–5 mmol/mol (n=1578, event = 17)

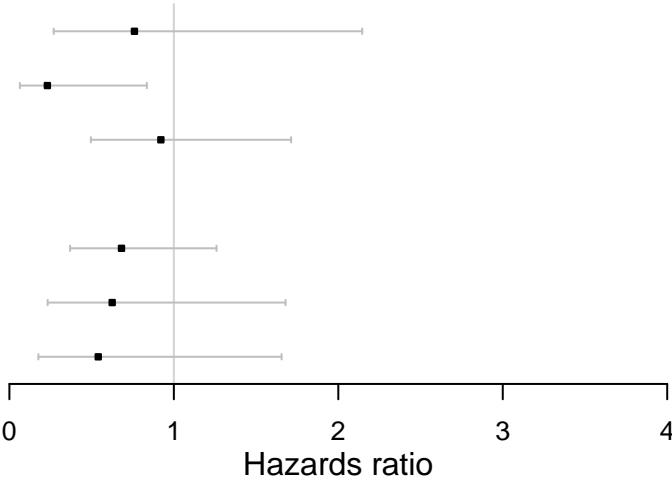
0–3 mmol/mol (n=3445, event = 68)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2159, event = 44)

3–5 mmol/mol (n=330, event = 9)

>5 mmol/mol (n=170, event = 9)



Adjusted

Female (n=22122)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1308, event = 12)

3–5 mmol/mol (n=1104, event = 7)

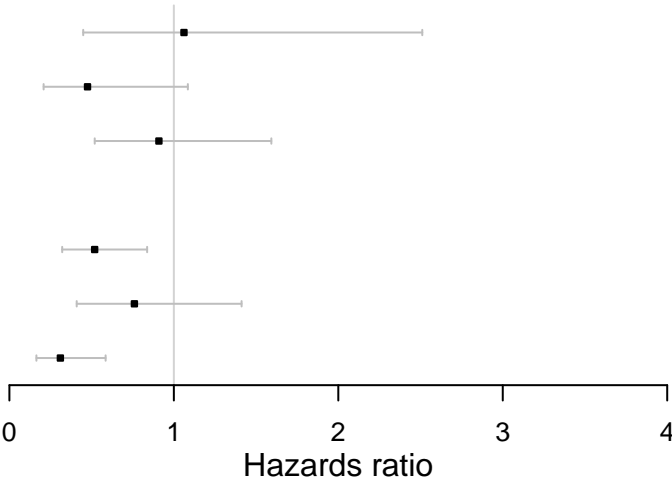
0–3 mmol/mol (n=4586, event = 28)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=7308, event = 86)

3–5 mmol/mol (n=5438, event = 63)

>5 mmol/mol (n=2378, event = 59)



Male (n=29930)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=2928, event = 30)

3–5 mmol/mol (n=4223, event = 36)

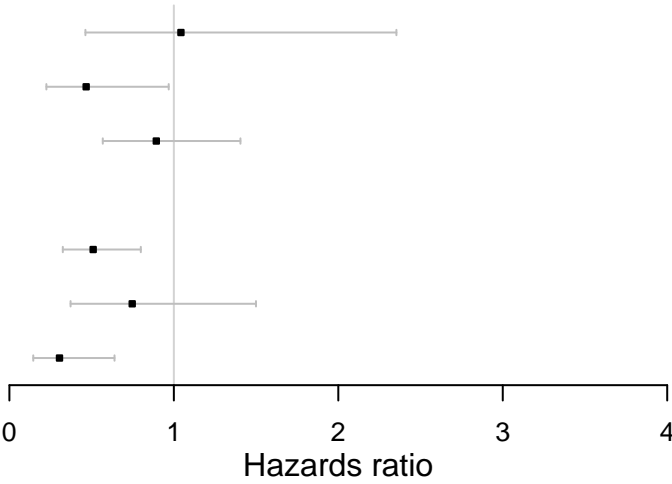
0–3 mmol/mol (n=11693, event = 157)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=9111, event = 122)

3–5 mmol/mol (n=1325, event = 31)

>5 mmol/mol (n=650, event = 24)



Propensity score matching

Female (n=9095)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=658, event = 5)

3–5 mmol/mol (n=522, event = 1)

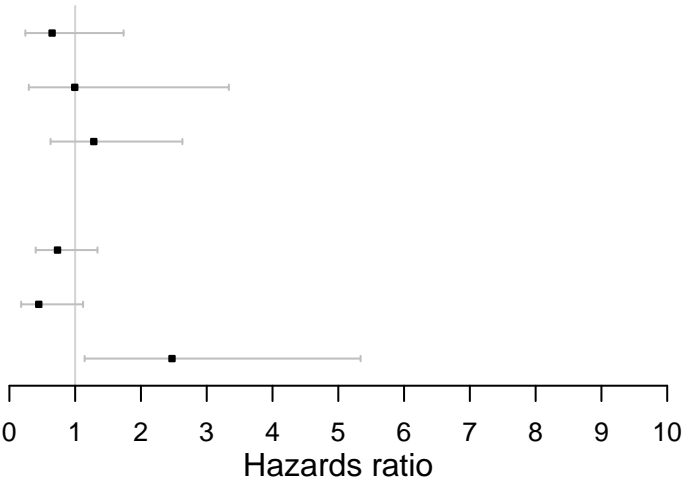
0–3 mmol/mol (n=1982, event = 13)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2786, event = 24)

3–5 mmol/mol (n=1922, event = 16)

>5 mmol/mol (n=1225, event = 25)



Male (n=9459)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1216, event = 16)

3–5 mmol/mol (n=1580, event = 12)

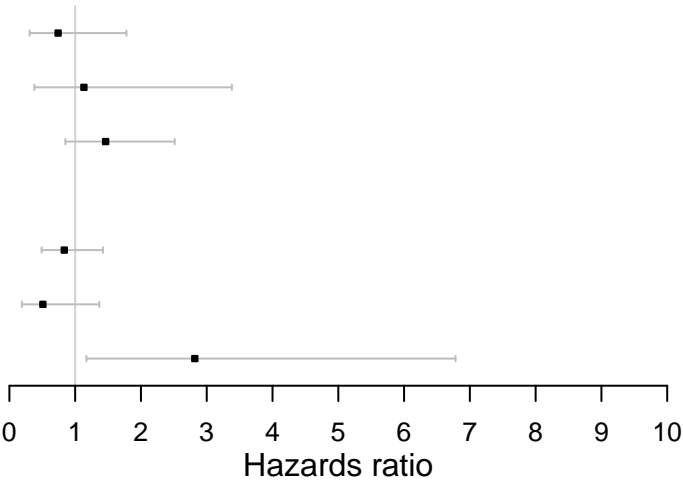
0–3 mmol/mol (n=3582, event = 48)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2368, event = 44)

3–5 mmol/mol (n=425, event = 8)

>5 mmol/mol (n=288, event = 7)



Propensity score matching + adjusted

Female (n=9095)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=658, event = 5)

3–5 mmol/mol (n=522, event = 1)

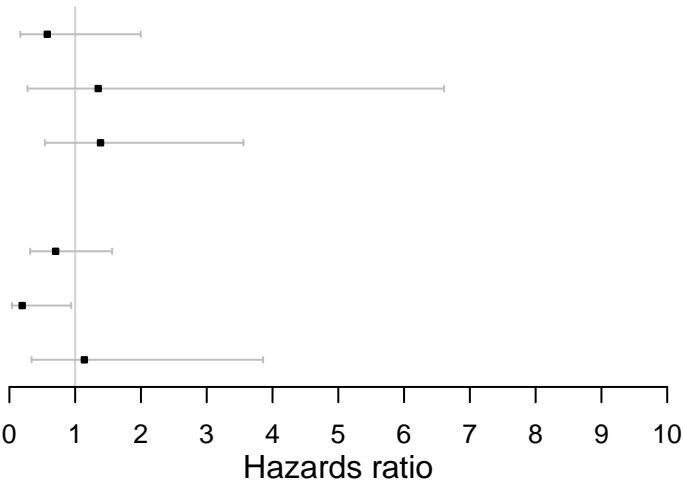
0–3 mmol/mol (n=1982, event = 13)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2786, event = 24)

3–5 mmol/mol (n=1922, event = 16)

>5 mmol/mol (n=1225, event = 25)



Male (n=9459)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1216, event = 16)

3–5 mmol/mol (n=1580, event = 12)

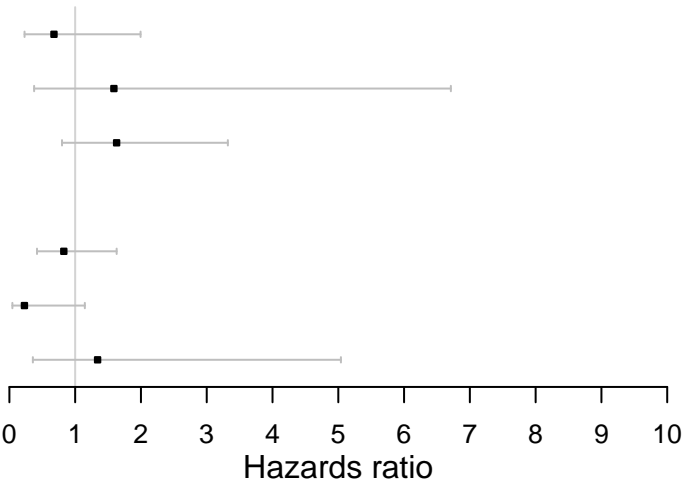
0–3 mmol/mol (n=3582, event = 48)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=2368, event = 44)

3–5 mmol/mol (n=425, event = 8)

>5 mmol/mol (n=288, event = 7)



Adjusted

Female (n=23621)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1329, event = 11)

3–5 mmol/mol (n=1129, event = 2)

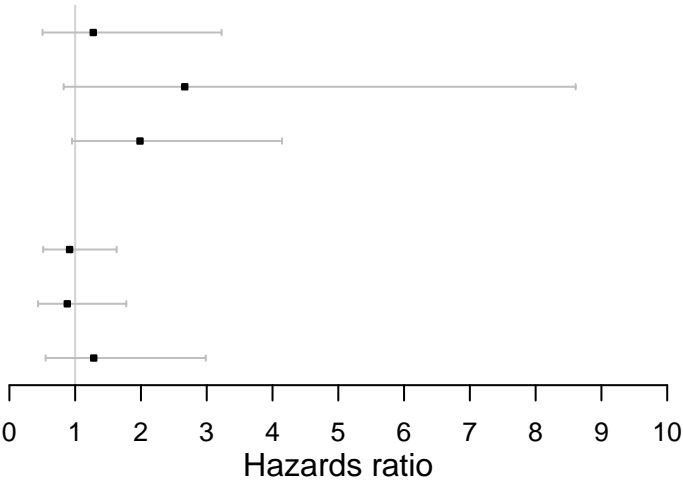
0–3 mmol/mol (n=4651, event = 27)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=7622, event = 71)

3–5 mmol/mol (n=5715, event = 46)

>5 mmol/mol (n=3175, event = 51)



Male (n=31231)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=2991, event = 32)

3–5 mmol/mol (n=4277, event = 39)

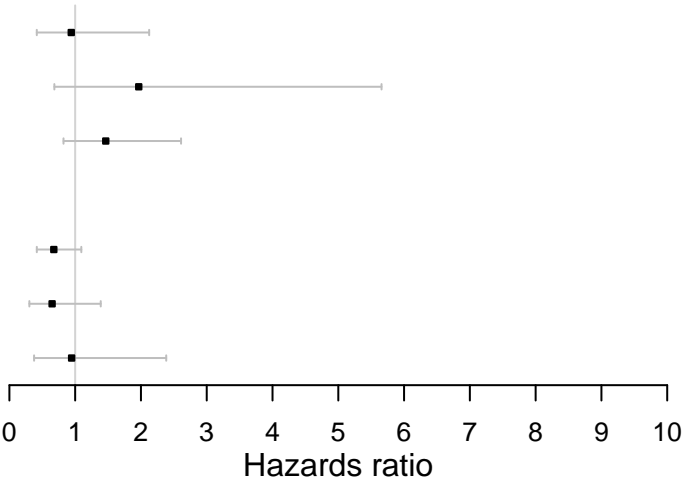
0–3 mmol/mol (n=11983, event = 146)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=9520, event = 127)

3–5 mmol/mol (n=1533, event = 33)

>5 mmol/mol (n=927, event = 20)



Propensity score matching

Female (n=10585)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=715, event = 3)

3–5 mmol/mol (n=578, event = 2)

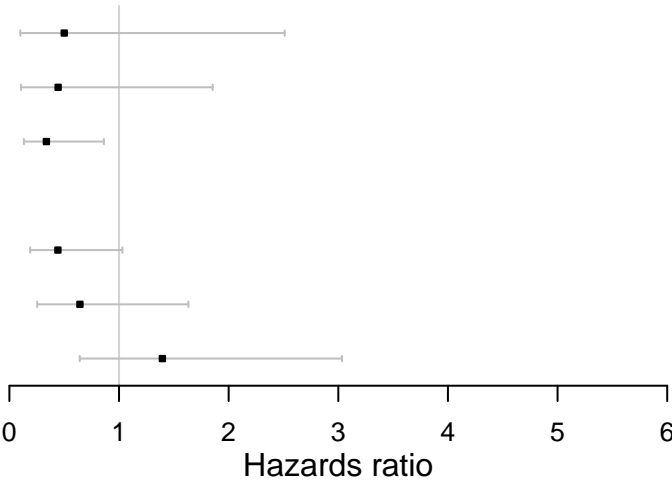
0–3 mmol/mol (n=2265, event = 5)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=3249, event = 17)

3–5 mmol/mol (n=2267, event = 12)

>5 mmol/mol (n=1511, event = 16)



Male (n=12257)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1359, event = 4)

3–5 mmol/mol (n=1880, event = 8)

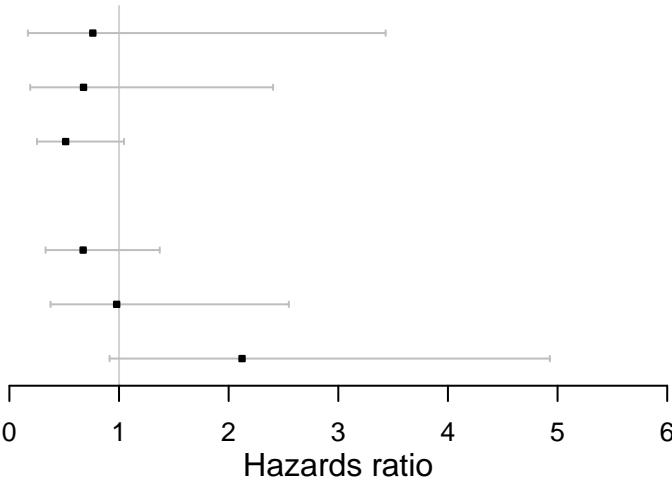
0–3 mmol/mol (n=4468, event = 32)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=3275, event = 20)

3–5 mmol/mol (n=754, event = 10)

>5 mmol/mol (n=521, event = 15)



Propensity score matching + adjusted

Female (n=10585)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=715, event = 3)

3–5 mmol/mol (n=578, event = 2)

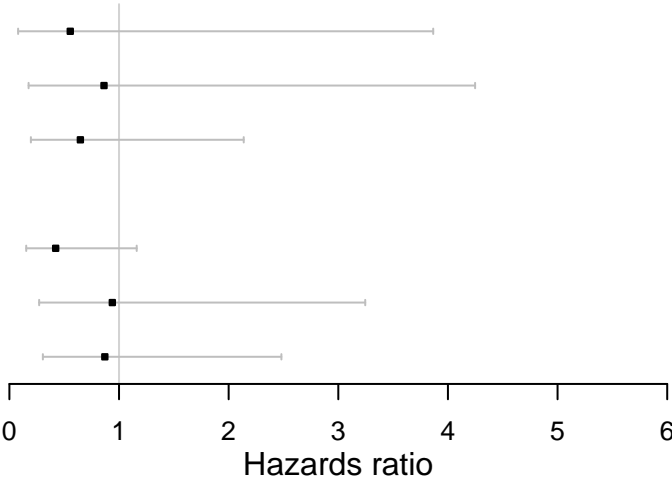
0–3 mmol/mol (n=2265, event = 5)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=3249, event = 17)

3–5 mmol/mol (n=2267, event = 12)

>5 mmol/mol (n=1511, event = 16)



Male (n=12257)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1359, event = 4)

3–5 mmol/mol (n=1880, event = 8)

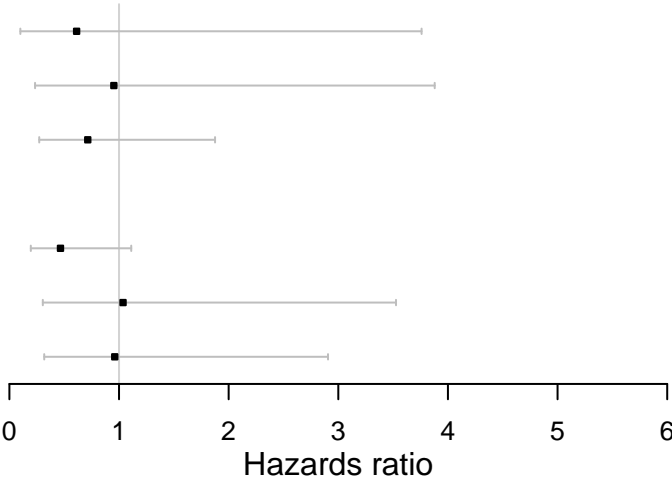
0–3 mmol/mol (n=4468, event = 32)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=3275, event = 20)

3–5 mmol/mol (n=754, event = 10)

>5 mmol/mol (n=521, event = 15)



Adjusted

Female (n=27172)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=1427, event = 3)

3–5 mmol/mol (n=1240, event = 2)

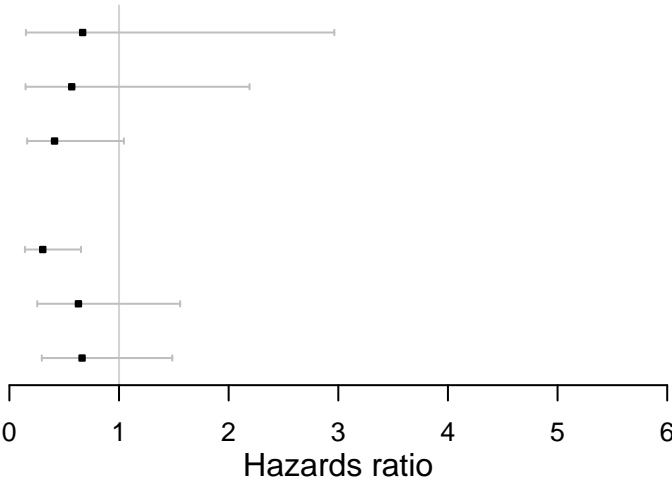
0–3 mmol/mol (n=5185, event = 9)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=8812, event = 28)

3–5 mmol/mol (n=6589, event = 22)

>5 mmol/mol (n=3919, event = 37)



Male (n=39256)

Predicted HbA1c benefit on SGLT2i

>5 mmol/mol (n=3338, event = 8)

3–5 mmol/mol (n=4948, event = 15)

0–3 mmol/mol (n=14228, event = 53)

Predicted HbA1c benefit on GLP1–RA

0–3 mmol/mol (n=12515, event = 53)

3–5 mmol/mol (n=2630, event = 23)

>5 mmol/mol (n=1597, event = 26)

