Table S6. Supplementary analyses of the association between genetically predicted height (per 1 standard deviation increase) and cancer

| Cancer                      | Cases   | Weighted median OR (95% CI) | p-value | MR-Egger causal estimate OR (95% CI) | p-value | MR-Egger intercept Intercept | p-value |
|-----------------------------|---------|-----------------------------|---------|--------------------------------------|---------|-------------------------------|---------|
| Any cancer                  | 59 647  | 1.10 (1.05-1.15)            | <0.001  | 1.11 (1.02-1.21)                     | 0.019   | -0.001 (-0.004 to 0.002)     | 0.579   |
| Any digestive system cancer | 11 061  | 1.11 (1.01-1.22)            | 0.023   | 1.11 (0.94-1.31)                     | 0.225   | -0.000 (-0.006 to 0.005)     | 0.930   |
| Any non-digestive system cancer | 48 586 | 1.07 (1.02-1.12)            | 0.011   | 1.11 (1.01-1.22)                     | 0.031   | -0.001 (-0.004 to 0.002)     | 0.544   |
| Breast cancer               | 15 695  | 1.03 (0.95-1.11)            | 0.545   | 1.17 (0.99-1.37)                     | 0.062   | -0.001 (-0.006 to 0.004)     | 0.603   |
| Uterine cancer              | 2281    | 1.11 (0.91-1.37)            | 0.304   | 1.20 (0.83-1.72)                     | 0.340   | -0.003 (-0.014 to 0.008)     | 0.608   |
| Cervical cancer             | 1973    | 0.93 (0.75-1.16)            | 0.515   | 1.00 (0.67-1.50)                     | 0.992   | -0.003 (-0.014 to 0.008)     | 0.608   |
| Ovarian cancer              | 1839    | 1.17 (0.94-1.45)            | 0.169   | 1.25 (0.86-1.82)                     | 0.247   | -0.001 (-0.013 to 0.010)     | 0.867   |
| Prostate cancer             | 10 506  | 1.07 (0.96-1.18)            | 0.220   | 1.21 (0.99-1.49)                     | 0.066   | -0.006 (-0.013 to 0.001)     | 0.055   |
| Testicular cancer           | 747     | 1.04 (0.74-1.46)            | 0.830   | 0.51 (0.26-1.02)                     | 0.056   | 0.022 (0.001 to 0.044)       | 0.040   |
| Bladder cancer              | 3326    | 1.03 (0.74-1.46)            | 0.830   | 0.51 (0.26-1.02)                     | 0.056   | 0.002 (0.001 to 0.044)       | 0.314   |
| Kidney cancer               | 1741    | 1.00 (0.79-1.25)            | 0.986   | 0.96 (0.64-1.45)                     | 0.862   | 0.007 (-0.006 to 0.020)      | 0.276   |
| Brain cancer                | 1057    | 1.15 (0.86-1.54)            | 0.341   | 1.56 (0.94-2.58)                     | 0.084   | -0.012 (-0.028 to 0.003)     | 0.123   |
| Head and neck cancer        | 1983    | 0.97 (0.79-1.19)            | 0.764   | 0.83 (0.59-1.18)                     | 0.309   | 0.009 (-0.002 to 0.020)      | 0.123   |
| Thyroid cancer              | 384     | 1.49 (0.93-2.38)            | 0.098   | 1.89 (0.85-4.19)                     | 0.120   | -0.014 (-0.039 to 0.011)     | 0.283   |
| Oesophageal cancer          | 1228    | 1.15 (0.88-1.51)            | 0.311   | 1.00 (0.62-1.59)                     | 0.985   | 0.001 (-0.014 to 0.016)      | 0.899   |
| Stomach cancer              | 994     | 1.03 (0.77-1.38)            | 0.846   | 0.93 (0.57-1.53)                     | 0.782   | 0.001 (-0.015 to 0.017)      | 0.893   |
| Colorectal cancer           | 6995    | 1.07 (0.95-1.20)            | 0.254   | 1.03 (0.83-1.28)                     | 0.802   | 0.002 (-0.005 to 0.009)      | 0.553   |
| Pancreatic cancer           | 1747    | 1.13 (0.90-1.41)            | 0.303   | 1.16 (0.78-1.74)                     | 0.458   | -0.003 (-0.016 to 0.010)     | 0.644   |
| Liver cancer                | 463     | 1.15 (0.75-1.77)            | 0.509   | 0.89 (0.42-1.87)                     | 0.760   | 0.007 (-0.016 to 0.030)      | 0.567   |
| Biliary tract cancer        | 604     | 1.47 (1.00-2.15)            | 0.049   | 1.46 (0.77-2.75)                     | 0.249   | -0.000 (-0.020 to 0.020)     | 0.986   |
| Melanoma                    | 5691    | 1.05 (0.93-1.20)            | 0.430   | 1.07 (0.84-1.36)                     | 0.601   | -0.001 (-0.009 to 0.006)     | 0.673   |
| Lung cancer                 | 4231    | 1.03 (0.89-1.19)            | 0.699   | 1.15 (0.89-1.50)                     | 0.281   | -0.002 (-0.010 to 0.006)     | 0.623   |
| Leukaemia                   | 1825    | 1.04 (0.84-1.29)            | 0.725   | 1.10 (0.76-1.58)                     | 0.622   | -0.001 (-0.013 to 0.010)     | 0.846   |
| Non-Hodgkin lymphoma        | 2878    | 0.97 (0.81-1.15)            | 0.708   | 1.27 (0.95-1.71)                     | 0.105   | -0.005 (-0.014 to 0.004)     | 0.105   |
| Multiple myeloma            | 930     | 1.02 (0.74-1.39)            | 0.925   | 0.66 (0.38-1.16)                     | 0.147   | 0.016 (-0.001 to 0.034)      | 0.177   |
