

Supplementary Table 4. Inconsistency test between direct and indirect treatment comparisons in mixed treatment comparison

| Side | Direct | | Indirect | | Difference | | P>z |
|------|----------|----------|----------|----------|------------|----------|-------|
| | Coef. | SE | Coef. | SE | Coef. | SE | |
| A D | -0.22742 | 0.263733 | -0.00563 | 0.354818 | -0.2218 | 0.442077 | 0.616 |
| A E | -0.08632 | 0.121177 | 0.023866 | 0.381763 | -0.11018 | 0.402115 | 0.784 |
| A F | -0.19943 | 0.096979 | -1.54108 | 1.077686 | 1.341647 | 1.08238 | 0.215 |
| A G | -0.17626 | 0.102743 | -0.76746 | 0.865877 | 0.591197 | 0.871929 | 0.498 |
| B C | 0.147713 | 0.308949 | -0.37067 | 0.604587 | 0.518378 | 0.681431 | 0.447 |
| B D | -0.27619 | 0.383634 | 0.015143 | 0.48034 | -0.29133 | 0.619431 | 0.638 |
| B E | -1.29241 | 1.137664 | 0.011656 | 0.31801 | -1.30407 | 1.187081 | 0.272 |
| B G | -0.45147 | 0.976189 | -0.1654 | 0.342818 | -0.28607 | 1.039023 | 0.783 |
| C D | -0.01673 | 0.294042 | -0.45136 | 0.343184 | 0.434629 | 0.451609 | 0.336 |
| C E | -0.15462 | 0.236767 | -0.06368 | 0.375574 | -0.09094 | 0.443806 | 0.838 |
| D E | 0.273908 | 0.990021 | 0.063434 | 0.224279 | 0.210474 | 1.015104 | 0.836 |
| D G | -0.41902 | 2.014404 | -0.03029 | 0.233036 | -0.38872 | 2.027839 | 0.848 |
| E F | -0.96967 | 0.9261 | -0.11407 | 0.148867 | -0.85559 | 0.937835 | 0.362 |
| E G | -1.24516 | 1.275837 | -0.09309 | 0.152138 | -1.15207 | 1.284871 | 0.37 |

SE, standard error; A, placebo; D, thiazolidinedione; E, dipeptidyl peptidase-4 inhibitor; F, sodium glucose cotransporter-2 inhibitor; G, glucagon-like peptide-1 agonist; B, metformin; C, sulfonylurea.