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| --- | --- | --- | --- |
| Scenario | Change | Cox Model  Mean relative bias% (SD) | PERR Pairwise  Mean relative bias% (SD) |
| **1** | Ctrt~N(-0.2,0.252) | -25.8(0.2) | 0.3(0.4) |
|  | Ctrt~N(0.1,0.252) | 0.4(0.2) | 0.4(0.2) |
|  | Ctrt~N(0.4,0.252) | 35.4(0.2) | 0.3(0.2) |
|  | Ctrt~N(0.7,0.252) | 82.4(0.4) | 0.2(0.3) |
|  | Ctrt~N(1.0,0.252) | 146.2(0.3) | 0.3(0.1) |
| **2** | βprior=1.25, βstudy=1 | 35.2(0.2) | -6.9(0.2) |
|  | βprior=0.75, βstudy=1 | 35.1(0.2) | 8(0.2) |
|  | βprior=1, βstudy=1 | 35.4(0.3) | 0.5(0.3) |
|  | βprior=1, βstudy=0.75 | 25.4(0.3) | -7(0.3) |
|  | βprior=1, βstudy=1.25 | 45.9(0.2) | 8.2(0.1) |
| **3** | 0% attenuate | 35.4(0.2) | 0.5(0.2) |
|  | 5% attenuate | 24.4(0.2) | -7.5(0.2) |
|  | 25% attenuate | -1.4(0.4) | -26.5(0.4) |
|  | 35% attenuate | -23.3(0.2) | -42.7(0.1) |
|  | 50% attenuate | -44.9(0.3) | -58.7(0.2) |