

## *Sungho Choi and the ‘actual events’ clause*

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In order to keep matters brief, I shall assume knowledge of my *Mind* paper and Sungho Choi’s paper printed before this brief response (Noordhof 1999; Choi 2002). Sungho Choi claims that the example I gave to motivate my formulation of the ‘actual events’ clause fails to motivate it and that the formulation, in fact, contains a redundant element, namely my appeal to supersets. I think he is right that my example doesn’t work. However, I think he is wrong that the actual events clause contains a redundant element. The second case he discusses provides the motivation we need.

In his discussion of the second case, Sungho Choi makes two key claims. First that  $e^*$  probabilistically  $\Sigma$ -depends on  $p^*$  (the mereological sum of  $g^*$  and  $h^*$ ) where  $\Sigma = \{d^*, f^*, k^*\}$ . Second, that there are no other  $\Sigma$ -sets for which  $a^*$  comes out a cause of  $e^*$ . I concede the second point. However, I think that he is wrong about the first. If we consider what would happen if the mereological sum of  $g^*$  and  $h^*$  did not occur, it does not follow that neither  $g^*$  nor  $h^*$  occurred, only that one didn’t. In which case  $e^*$  does not probabilistically  $\Sigma$ -depend on  $p^*$ . If  $p^*$  did not occur, it is still possible that one of  $g^*$  or  $h^*$  did occur and hence that  $e^*$  might have occurred. Although, for the reasons given by David Lewis and implied by the similarity metric I put forward in my response to Ramachandran, I don’t accept that ‘ $x$  might occur’ entails ‘it is not the case that  $x$  would not occur’, I think that, in the actual set-up he describes, it would be plausible that, if  $e^*$  might occur, it is not the case that  $e^*$  would not occur (Lewis 1986: 64–65; Noordhof 2000: 319–21). Certainly I would not want to rest a theory on insisting that the move from ‘ $e^*$  might occur’ to ‘it is not the case that  $e^*$  would not occur’ is implausible in this case. It would have better served Sungho Choi’s purposes to have appealed not to the mereological sum but to the disjunction of  $g^*$  and  $h^*$ .  $e^*$  does probabilistically  $\Sigma$ -depend on the disjunctive event. But I still have a worry. Some might deny that there is a

disjunctive event in this case. I would not want my theory to rely upon the claim that there are disjunctive events when necessary. Hence, I think that one should stick with my formulation of the ‘actual events’ clause at the risk of flirting with redundancy. It is certainly better than facing a counter-example.<sup>1</sup>

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### *References*

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<sup>1</sup> I would like to express my gratitude to Sungho Choi for his acute discussion of my theory.