

construct sequences of commensurate values on the different attributes.

For the sake of simplicity, we assumed here that the value functions are strictly monotone. The case of strictly decreasing values would be managed in the same way. It is apparent that one could also manage the case of a non-monotone value function. One could indeed *discover* the type of (piecewise) monotonicity of a value function by changing only the value on this attribute and analyzing the variation of the overall utility.

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