

ARTICLE

Ex-Ante Prioritarianism Violates Sequential Ex-Ante Pareto

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Abstract

Prioritarianism is a variant of utilitarianism. It differs from utilitarianism in that benefiting individuals matters more the worse off these individuals are. On this view, there are two standard ways of handling risky prospects: Ex-Post Prioritarianism adjusts for prioritizing the worse off in final outcomes and then values prospects by the expectation of the sum total of those adjusted values, whereas Ex-Ante Prioritarianism adjusts for prioritizing the worse off on each individual's expectation and then values prospects by the sum total of those adjusted expectations. A standard objection to Ex-Post Prioritarianism is that it violates Ex-Ante Pareto, that is, it prescribes choices that worsen the expectations for everyone. In this article, I argue that Ex-Ante Prioritarianism suffers from much the same problem: it violates a sequential version of Ex-Ante Pareto, that is, it prescribes sequences of choices that worsen the expectations for everyone.

According to the Priority View, benefiting individuals matters more the worse off these individuals are. The most influential version of the view is known as Prioritarianism. It is probably best understood as a variation of utilitarianism, because (except for giving priority to the worse off) Prioritarianism has the same aggregative structure as utilitarianism. According to utilitarianism, the value of a final outcome (an outcome without any risk or uncertainty) is the sum total of well-being in that outcome. Let I(x) be the set of individuals in outcome x, and let $v_i(x)$ be the well-being of individual i in outcome x. Then, according to utilitarianism, the value of a final outcome x is

$$V_U(x) = \sum_{i \in I(x)} v_i(x).$$

Prioritarianism values final outcomes in almost the same way. The difference is that wellbeing levels aren't added up directly; they are first transformed by a strictly increasing, strictly concave function in order to give more weight to the worse off. Let f be this transformation function. Then the value of a final outcome x according to Prioritarianism can be calculated as follows:²

$$V_P(x) = \sum_{i \in I(x)} f(v_i(x)).$$

¹McKerlie 1984: 230 and Parfit 1995: 19.

²Broome 1991: 179. See Atkinson and Stiglitz 1980: 340 for an earlier formulation of Prioritarianism.

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This prioritarian formula, like the utilitarian one, assumes a total rather than average approach. But, since we will only be concerned with fixed populations, the differences between average and total versions of Prioritarianism won't matter for our discussion.

While the above formula tells us how to value final outcomes, it doesn't tell us how to value risky prospects – that is, prospects from which two or more final outcomes may result with some positive probability, depending on chance.

There are two main ways of extending Prioritarianism so that it applies to choices between risky prospects: the *ex-post* approach and the *ex-ante* approach.³ To state these approaches, let S be a partition of states of nature, let p(s) be the probability of state s, and let o[x, s] be the final outcome of prospect x in state s. Then we can state the *ex-post* approach as follows:⁴

Ex-Post Prioritarianism

A prospect x is choice-worthy if and only if there is no available prospect y such that $V_{EPP}(y) > V_{EPP}(x)$,

where

$$V_{EPP}(x) = \sum_{s \in S} p(s) \sum_{i \in I(x)} f(\nu_i(o[x, s])).$$

And we can state the ex-ante approach as follows:⁵

Ex-Ante Prioritarianism

A prospect x is choice-worthy if and only if there is no available prospect y such that $V_{EAP}(y) > V_{EAP}(x)$,

where

$$V_{EAP}(x) = \sum_{i \in I(x)} f(\sum_{s \in S} p(s)v_i(o[x, s])).$$

The difference between these approaches lies in where we apply the transformation function f that gives priority to the worse off. The *ex-post* approach adjusts for priority directly on the individuals' well-being levels in the final outcomes, and then it calculates the expectation of this transformed value. But the *ex-ante* approach first calculates individuals' expectations of well-being, and then it adjusts for priority on these expectations of untransformed well-being levels.

A well-known problem for *Ex-Post* Prioritarianism is that it violates the Weak *Ex-Ante* Pareto Principle:⁶

³The distinction between ex ante and ex post is due to Myrdal (1939: 47).

⁴McCarthy 2006: 357; 2008: 12 and Greaves 2015: 10.

 $^{^5}$ McCarthy 2006: 339; 2008: 29 and Greaves 2015: 36. This version of *Ex-Ante* Prioritarianism may need to be adjusted to handle variable population cases, where some individuals exist in some but not all potential outcomes of a prospect. Letting I(x) be the set of all possible individuals who exist in *some* potential outcome of prospect x, we would need to calculate expectations for individuals who do not exist in all potential outcomes. This requires that we can compare existence with non-existence, which is controversial. See notes 20 and 21.

⁶Moreover, as shown by Ord (2015: 301), *Ex-Post* Prioritarianism can, in addition to giving everyone worse expectations, also increase inequality both *ex ante* and *ex post*.

The Weak Ex-Ante Pareto Principle

If each individual has a higher expectation of well-being in prospect x than in prospect y, then y is not choice-worthy if x available.

Ex-Ante Prioritarianism, on the other hand, satisfies the Weak *Ex-Ante* Pareto Principle. This might seem like a significant advantage for *Ex-Ante* Prioritarianism over *Ex-Post* Prioritarianism. Nevertheless, in this article, I will argue that the former suffers from much the same problem as the latter: *Ex-Ante* Prioritarianism violates a sequential version of the Weak *Ex-Ante* Pareto Principle.⁸

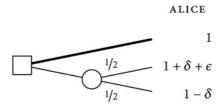
These violations are potentially a more pressing problem for *Ex-Ante* Prioritarianism than for *Ex-Post* Prioritarianism, because *Ex-Post* Prioritarianism (unlike *Ex-Ante* Prioritarianism) favours an *ex-post* perspective in general.⁹

1 Ex-Post Prioritarianism

Ex-Post Prioritarianism violates the Weak *Ex-Ante* Pareto Principle no matter which strictly increasing, strictly concave function f we choose as the transformation function. To see this, note first that, since f is strictly concave, there must be some positive constants δ and ϵ such that $f(1) - f(1 - \delta) > f(1 + \delta + \epsilon) - f(1)$. This is so, because the smaller benefit of δ units of well-being when it's added at the lower level of well-being, $1 - \delta$, matters more than the greater benefit of $\delta + \epsilon$ units of well-being matters when it's added at the higher level of well-being, 1. This need not be so if ϵ is sufficiently great, but it will be so if ϵ is sufficiently small.

Now, consider

Case One



⁷Rabinowicz 2001: 150–151; 2002: 11, Adler 2012: 506, and Greaves 2015: 10. Broome (1991: 152) uses the name 'the Pareto Principle' to denote a principle that connects the general value ordering with preferences of individuals (namely, the principle that, if everyone prefers *x* to *y*, then *x* is better than *y*). As defined here, however, the principle connects general choice-worthiness with expectations of well-being for individuals. I'm stating a deontic version of the Weak Ex-Ante Pareto Principle (that is, a version stated in terms of choice-worthiness) rather than the more standard axiological version (that is, the principle that, if each individual has a higher expectation of well-being in prospect *x* than in prospect *y*, then *x* is better than *y*). The advantage of the deontic version is that it applies more directly to the choices prescribed by normative theories. This will be more apparent later on, when we consider the Weak Sequential *Ex-Ante* Pareto Principle. In the sequential case, the choice-worthy options needn't have the best or maximal prospects.

⁸Note that there's no violation of *Ex-Ante* Pareto in Adler's (2012: 507–09) cases where he shows that *Ex-Ante* Prioritarianism violates the Sure-Thing Principle and the Weak Stochastic Dominance Principle.

⁹I thank Wlodek Rabinowicz for this point.

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Here, the square represents a choice node, where we have a choice between going up or going down. If we go up, Alice gets a well-being of 1. If we go down, we reach a chance node, represented by the circle, where there is a one-in-two probability that chance goes up and a one-in-two probability that chance goes down. If chance goes up, Alice gets a well-being of $1 + \delta + \epsilon$. And, if chance goes down, she gets a well-being of $1 - \delta$.

Let Up be the prospect of going up at the choice node, and let Down be the prospect of going down at the choice node. Given that $f(1)-f(1-\delta)>f(1+\delta+\epsilon)-f(1)$, we find that $V_{EPP}(\text{Up})=f(1)>V_{EPP}(\text{Down})=(1/2)f(1+\delta+\epsilon)+(1/2)f(1-\delta)$. Accordingly, Ex-Post Prioritarianism prescribes going up in Case One – that is, it entails that Up is the only choice-worthy prospect. (This prescribed option is marked by the thicker line.) Alice's expectation of well-being if we go up is 1. And her expectation of well-being if we go down is $(1/2)(1+\delta+\epsilon)+(1/2)(1-\delta)=1+\epsilon/2$. Hence Alice's expectation of well-being is higher if we go down than if we go up.

Individual expectations at the initial node of Case One

CHOICE	ALICE'S EXPECTATION
Up	1
Down	$1+\epsilon/2$

Therefore, since *Ex-Post* Prioritarianism prescribes going up, it violates the Weak *Ex-Ante* Pareto Principle.

2 Ex-Ante Prioritarianism

Ex-Ante Prioritarianism satisfies the Weak *Ex-Ante* Pareto Principle. Nonetheless, I will show that *Ex-Ante* Prioritarianism still violates a sequential version of this principle. This sequential version concerns plans rather than individual choices.

Let a *plan* at a node be a specification of what to choose at each choice node that can be reached from that node while following the specification. Let us say that one *follows a plan* at node n if and only if, for each choice node n' that can be reached from n while choosing in accordance with the plan, one would choose in accordance with that plan if one were to face n'. Let us say that one *intentionally follows a plan* at node n if and only if one follows the plan at n and, for all nodes n' such that n' can be reached from n by following the plan, if one were to face n', one would either form or have formed at n' an intention to choose in accordance with the plan at every choice node that can be reached from n' and can be reached from n' by following the plan. (In other words, the difference between following a plan and intentionally following a plan is that the latter requires that you, at each step of the plan, intend to follow the rest of the plan.) Let us say that a plan is *feasible* at a node n if and only if the plan can be intentionally followed at n. Finally, let us say that n0 plan is *choice-worthy* at a node if and only if, at each choice node that can be reached from that node, only choice-worthy options are specified to be chosen on the plan.

¹⁰Greaves 2015: 38.

¹¹Carlson (2003: 182-83) puts forward a similar account of performability.

¹²Here, can is used in the sense implied by ought.

Then, according to

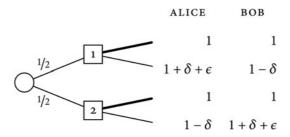
The Weak Sequential Ex-Ante Pareto Principle

If each individual has a higher expectation of well-being in prospect x than in prospect y, then a plan is not choice-worthy if its prospect is y and there is a feasible plan whose prospect is x.

This principle (unlike the Weak *Ex-Ante* Pareto Principle) is sequential, because it assesses plans rather than individual choices. Note that, while plans can consist of sequences of choices, they can also consist of a single choice (in case there are no further choice nodes that can be reached after the first choice).

Ex-Ante Prioritarianism violates the Weak Sequential *Ex-Ante* Pareto Principle no matter which strictly increasing, strictly concave function f we choose as the transformation function. As before, note that there must be some positive constants δ and ϵ such that $f(1) - f(1 - \delta) > f(1 + \delta + \epsilon) - f(1)$, since f is strictly concave. And consider

Case Two



Let Up in 1 be the prospect of going up at node 1, let Down in 1 be the prospect of going down at node 1, let Up in 2 be the prospect of going up at node 2, and let Down in 2 be the prospect of going down at node 2. Since $f(1) - f(1 - \delta) > f(1 + \delta + \epsilon) - f(1)$, we see that $V_{EAP}(Up \text{ in } 1) = f(1) + f(1) > V_{EAP}(Down \text{ in } 1) = f(1 + \delta + \epsilon) + f(1 - \delta)$ and that $V_{EAP}(Up \text{ in } 2) = f(1) + f(1) > V_{EAP}(Down \text{ in } 2) = f(1 - \delta) + f(1 + \delta + \epsilon)$. Accordingly, at each choice node, Ex-Ante Prioritarianism prescribes going up. (The prescribed options are marked by the thicker lines.)

Let the Up-Up Plan be the plan of going up at node 1 and going up at node 2. Ex-Ante Prioritarianism prescribes the Up-Up Plan in the sense that following Ex-Ante Prioritarianism requires following the Up-Up Plan. Let the Down-Down Plan be the opposite plan, that is, the plan of going down at node 1 and going down at node 2. In addition to the Down-Down Plan and the Up-Up Plan, let the Up-Down Plan be the plan of going up at node 1 and down at node 2 and let the Down-Up Plan be the plan of going down at node 1 and up at node 2. We suppose that these four plans are feasible at the initial node. Now, compare Alice's and Bob's expectations of well-being at the initial node from each plan:

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PLAN	ALICE'S EXPECTATION	BOB'S EXPECTATION
Up-Up	1	1
Up-Down	$1 + \delta/2 + \epsilon/2$	$1-\delta/2$
Down-Up	$1 - \delta/2$	$1 + \delta/2 + \epsilon/2$
Down-Down	$1+\epsilon/2$	$1+\epsilon/2$

At the initial node, everyone gets a higher expectation of well-being from the Down-Down Plan than from the Up-Up Plan. Therefore, since *Ex-Ante* Prioritarianism prescribes the Up-Up Plan, it violates the Weak Sequential *Ex-Ante* Pareto Principle.

Since the choices in Case Two are decisions under certainty and also terminal choices (they're not followed by any further choices), this result holds not only for *Ex-Ante* Prioritarianism but also for any form of Prioritarianism which satisfies *decision-tree separability* (that is, the condition that options are classified as choiceworthy as if the sub-tree of the decision tree that starts with current node were the whole decision tree).¹³

It may be objected that following the Up-Up Plan needn't violate the Weak Sequential *Ex-Ante* Pareto Principle, since the sequence of choices leading to *A* might not be feasible in the relevant sense at the initial node. The idea is that the Down-Down Plan isn't securable at the initial node, because, at that node, you can't make your future self comply with the plan to execute that sequence of choices. But the mere fact that you wouldn't act in accordance with the Down-Down Plan at future nodes is not sufficient to make that plan infeasible in the relevant sense at the initial node, because that fact is due to your choice function – which is the very thing we are trying to assess. ¹⁵

It may next be objected that you can't form the intention to follow a plan that you know you won't follow. And, if you can't form an intention to follow a plan, then it's infeasible. Therefore, since you know that you won't follow the Down-Down Plan, that plan is infeasible. But the initial premise of this objection is implausible. While it may be irrational to form an intention to do something you know you won't do, it seems that you may still be *able* to (irrationally) form the intention.

3 Resolute Ex-Ante Prioritarianism

As we have seen, any form of Prioritarianism violates the Weak Sequential *Ex-Ante* Pareto Principle if it conforms to decision-tree separability. But we can avoid violations of the Weak Sequential *Ex-Ante* Pareto Principle if we violate this kind of separability and adopt a resolute approach to sequential choice.

¹³Hence it does not matter whether we accept naïve choice (choose in accordance with a plan that has an optimal prospect among all available plans), sophisticated choice (choose using backward induction), or some other approach that respects decision-tree separability; see Hammond 1976: 162. Resolute choice, which we will explore in the next section, violates decision-tree separability.

¹⁴Sobel 1976: 196, Seidenfeld 1988: 278; 1994: 451, and Levi 1991: 112–13; 1997: 82 n. 10; 2002: S241.

It should be noted, however, that giving up decision-tree separability is a significant departure from consequentialism. Because, without this kind of separability, the choiceworthiness of an option in a situation no longer supervenes on the consequences of the feasible options in that situation.¹⁶

Consider the following resolute variation of *Ex-Ante* Prioritarianism, which evaluates plans relative to a certain privileged node: ¹⁷

Resolute Ex-Ante Prioritarianism

An option is choice-worthy if and only if choosing it is in accordance with a feasible plan that has a prospect x such that there is no feasible plan that has a prospect y such that, with expectations calculated relative to the privileged node, $V_{EAP}(y) > V_{EAP}(x)$.

Note that the privileged node need not be a choice node. The privileged node may just as well be a chance node as a choice node.

If the initial node of Case Two is the privileged node, then Resolute Ex-Ante Prioritarianism avoids violating the Weak Sequential Ex-Ante Pareto Principle in that case. To see this, consider the feasible plans at the initial node of Case Two. If the initial node is the privileged node, then Resolute Ex-Ante Prioritarianism evaluates plans at all nodes by their V_{EAP} value calculated relative to the initial node:

PLAN	V _{EAP}
Up-Up	f(1) + f(1)
Up-Down	$f(1 - \delta/2) + f(1 + \delta/2 + \epsilon/2)$
Down-Up	$f(1 - \delta/2) + f(1 + \delta/2 + \epsilon/2)$
Down-Down	$f(1+\epsilon/2)+f(1+\epsilon/2)$

Let Up-Up be the prospect of following the Up-Up Plan at the initial node, let Up-Down be the prospect of following the Up-Down Plan at the initial node, let Down-Up be the prospect of following the Down-Up Plan at the initial node, and let Down-Down be the prospect of following the Down-Down Plan at the initial node. Since f is strictly concave, we find that $f(1 + \epsilon/2) - f(1 - \delta/2) > f(1 + \delta/2 + \epsilon/2) - f(1 + \epsilon/2)$. Therefore, V_{EAP} (Down-Down) is greater than each of V_{EAP} (Down-Up) and V_{EAP} (Up-Down). And, since f is strictly increasing, we find that V_{EAP} (Down-Down) is greater than V_{EAP} (Up-Up). Accordingly, Resolute Ex-Ante Prioritarianism prescribes that we follow the Down-Down Plan.

A first general problem with Resolute *Ex-Ante* Prioritarianism is that the choice of a privileged node seems arbitrary. Suppose that we face the choice at node 1. Why would any specific node in the past, such as the initial chance node, have any special ethical significance? The fact that a certain node is the first node in the decision tree is just an arbitrary feature of how we have chosen to model the situation. We could

¹⁶Moore 1912: 134-35 and Bykvist 2002: 52; 2003: 30.

¹⁷This resolute variation is inspired by the resolute choice in dynamic decision theory. See McClennen 1990: 13.

¹⁸See Gustafsson 2018: 602 for a similar objection to the Resolute *Ex-Ante* Difference Principle.

have represented the situation with a larger decision tree that went back further into the past so that the current initial node would have been one of the later nodes.

One, potentially compelling, suggestion is that, for each agent, the privileged node is the first choice that agent ever faced – or, alternatively, the privileged node is the first point in the agent's life at which the agent considers (or is capable of considering) how the future might unfold and what choices the agent might be presented with later. This yields the following proposal:

Agent-Relative Resolute Ex-Ante Prioritarianism

An option is choice-worthy if and only if choosing it is in accordance with a feasible plan that has a prospect x such that there is no feasible plan that has a prospect y such that, with expectations calculated relative to the agent's first choice node, $V_{EAP}(y) > V_{EAP}(x)$.

But this proposal does not avoid violations of the Weak Sequential *Ex-Ante* Pareto Principle. To see this, consider Case Two. Suppose that Alice is the agent at node 1 and that it would be her first choice node. And suppose that Bob is the agent at node 2 and that it would be his first choice node. Then, given Agent-Relative Resolute *Ex-Ante* Prioritarianism, Alice would make the choice at node 1 based on evaluations of the options calculated at that node; and Bob would make the choice at node 2 based on evaluations of the options calculated at that node. Accordingly, Agent-Relative Resolute *Ex-Ante* Prioritarianism prescribes that Alice goes up at node 1 and that Bob goes up at node 2, just like standard *Ex-Ante* Prioritarianism. Therefore, Agent-Relative Resolute *Ex-Ante* Prioritarianism prescribes that Alice and Bob jointly implement the Up-Up Plan. But, as we saw earlier, the Up-Up Plan gives everyone a worse expectation than the Down-Down Plan.

To get around this problem, we could let the privileged node be the earliest possible node, that is, the node at the beginning of time. This yields the following proposal:

Universally Resolute Ex-Ante Prioritarianism

An option is choice-worthy if and only if choosing it is in accordance with a feasible plan that has a prospect x such that there is no feasible plan that has a prospect y such that, with expectations calculated relative to the beginning of time, $V_{EAP}(y) > V_{EAP}(x)$.

This proposal avoids the earlier problem for Agent-Relative Resolute *Ex-Ante* Prioritarianism, since a single privileged node is used for all evaluations at all choice nodes for all agents.

But there's another worry about Universally Resolute Ex-Ante Prioritarianism, namely, that it is unclear whether everyone had a well-defined expectation of well-being at the beginning of time. In order to have an expectation at a certain point in time, one must have a level of well-being in every potential outcome that has some positive probability at that point. Some of us weren't alive at the beginning of time, and history could have gone differently so that we would never have a life. And, if so, we did not have a well-defined expectation of well-being at the beginning of time unless we have a level of

¹⁹Given this suggestion, the tree in Case Two would be a game tree with different agents making choices at different choice nodes.

well-being in the potential outcomes where we never ever have a life.²⁰ Yet it's doubtful whether one could have a level of well-being without having a life.²¹ So it's doubtful whether we can evaluate prospects where there is some positive probability that some individuals will exist and also some positive probability that they will not exist.²² And, consequently, it is doubtful whether we can apply Universally Resolute Ex-Ante Prioritarianism.

A second general problem for Resolute *Ex-Ante* Prioritarianism is that this version of Prioritarianism need not give the worse off the amount of priority that is reflected in the concavity of the transformation function. Suppose, as before, that the initial node in Case Two is the privileged node and that we face the choice at node 1. We then find that Resolute *Ex-Ante* Prioritarianism prescribes going down. But, if we go down at node 1, we favour benefiting Alice, who would otherwise get a well-being of 1, over benefiting Bob, who gets a well-being of $1 - \delta$, even though these alternative benefits could be arbitrarily similar in size. Therefore, it seems that Resolute *Ex-Ante* Prioritarianism conflicts with the underlying idea behind Prioritarianism, namely, the Priority View: that benefiting individuals matters more the worse off these individuals are.

It may be objected that Resolute Ex-Ante Prioritarianism can still conform to the Priority View as long as the latter is only applied to the expectations of plans considered from the privileged initial node. The trouble with this response is that there seems to be no compelling reason to attach any normative significance, at either of the choice nodes in Case Two, to expectations calculated from the perspective of the initial node, which is now in the past. At the choice nodes, we already know how the chance event of the chance node resolved. So it would be strange to still attach any normative significance to expectations calculated without knowledge of how that event resolved. Likewise, the part of the decision tree that would have been reached if the chance event had resolved the other way should no longer be relevant. What should matter is what you can affect with the last remaining choice between going up or down at one of the choice nodes. And, applied to the outcomes of these options, the Priority View implies that the outcome of going up is better than the outcome of going down, since the gain for the worse off matters more than the greater loss for the better off if we go up rather than down. Since this evaluation of outcomes should capture everything that matters, one should go up at each of the choice nodes if one accepts the Priority View. 25 Nevertheless, Resolute Ex-Ante Prioritarianism prescribes that one goes down.

²⁰Voorhoeve and Fleurbaey (2016: 944, 948) suggest that this problem could be solved if we just treat non-existence as zero for the purposes of the calculation of expectations, or if we take into account individuals' expectations conditional on their existence.

²¹Bykvist 2007: 341-45 and Arrhenius and Rabinowicz 2015: 409.

²²This seems to be a general problem for *ex-ante* approaches in risky variable-population cases.

 $^{^{23}}$ Yet, since ϵ is positive, there is no violation of the Pigou-Dalton principle (Pigou 1912: 24 and Dalton 1920: 351).

²⁴Parfit 1995: 19.

²⁵Compare Steele's (2018: 662) similar objection to the counter-preferential approach to resolute choice in decision theory. One might get around this problem, if one adopted the Constraint Approach to resolute choice. On *the Constraint Approach*, one sticks to the plan that was optimal from the privileged node because one has constrained oneself so that one is *unable* to deviate from it; see Strotz 1955–56: 173, Hammond 1976: 16263, and McClennen 1988: 526. This approach, as Hammond (1976: 162–63) points out, requires that there is an available option to constrain oneself in the decision tree. But there are no such options in Case Two, so to rely on such options would be cheating. Another way to get around

(Could this objection to the normative significance of expectations calculated from some earlier node also be levelled against the normative significance of the Weak Sequential *Ex-Ante* Pareto Principle? It couldn't. While you shouldn't attach any significance to expectations calculated from the perspective of earlier nodes, those expectations should still be significant at those earlier nodes. At the initial node in Case Two, it is a significant problem if you follow a moral theory that will tell you to choose in a way that lowers everyone's expectation of well-being. This problem, raised at the initial node, does not attach any significance to expectations calculated from the perspective of earlier nodes.)

Finally, note that the problem is not that the choices prescribed by Resolute *Ex-Ante* Prioritarianism could turn out *ex post* to benefit the better off rather than the worse off (this is true but unproblematic). The problem is that Resolute *Ex-Ante* Prioritarianism requires, for some choices, that we *knowingly choose* not to give priority to the worse off. So the prescriptions of this theory don't seem to match the intuitive verdicts that motivate the Priority View in some cases where no uncertainty is involved – cases where we might have thought that *Ex-Ante* and *Ex-Post* Prioritarianism would agree.

4 Conclusion

We have seen that *Ex-Post* Prioritarianism violates the Weak *Ex-Ante* Pareto Principle and that *Ex-Ante* Prioritarianism faces much the same problem: *Ex-Ante* Prioritarianism violates the Weak Sequential *Ex-Ante* Pareto Principle. There seems to be no good reason to accept the Weak *Ex-Ante* Pareto Principle but not the Weak Sequential *Ex-Ante* Pareto Principle. (While Resolute *Ex-Ante* Prioritarianism may avoid this sequential problem, it faces other problems, as we have seen.) Hence the standard argument in favour of *Ex-Ante* Prioritarianism over *Ex-Post* Prioritarianism does not work. So it's a general problem for Prioritarianism that, in some cases, everyone would get a lower expectation of well-being if these theories were followed.²⁶

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the problem would be to adopt the Revision Approach. On *the Revision Approach*, the values of the outcomes change when one adopts a plan so that following the adopted plan is the best thing to do at all later choice nodes; see McClennen 1985: 102–03 and Wakker 1997. While we may perhaps grant that one could change one's preferences by adopting a plan, it's implausible that the *moral* value of outcomes would depend on whether one adopts a plan.

²⁶I wish to thank Wlodek Rabinowicz and three anonymous reviewers for valuable comments.

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