# Typos and Corrections for 

# Wakker (2010) "Prospect Theory: for Risk and Ambiguity" 

August. 2023

## 1. Typos/corrections

P. 30 [Book instead of Dutch book]. In Exercise 1.6.7, and other places in the book, sometimes the term book is used instead of the term Dutch book.
P. 57, top [Definition of SG method]:

The directly relates utility to decisions, in a very simple manner. above method for measuring utility, the SG method
P. 76: contrary to what the last sentence of Assignment 3.3.5a suggests, for twooutcome prospects risk aversion does not always imply aversion to higher variance. It remains as an assignment for students to show this claim by an example. The solution, only available to teachers, gives such an example.
P. 88, top [Removing circle and two lines in right part of Figure 3.7.3]:

| Prospect of Eq. (3.7.2) |  |
| :---: | :---: |
| Prospect of Eq. (3.7.3) | The marginals |

Figure 3.7.3 Two prospects with the same marginals.
P. 88, last para:

Before reading the following text, you are invited to determine your preference between the chronstates in Eqs. (3.7.2) and (3.7.3). For chronic health states prospects
P. 105, Exercise 4.3.3: it is assumed that the subjective probabilities used in SEU in Figure 4.1.3 are the objective probabilities 0.5.
P. $108, \S 4.5: \alpha \ominus \beta$ is formally called a tradeoff. If we want to specify $\alpha$ and $\beta$, we say "the tradeoff of getting $\alpha$ instead of $\beta$," or, more tractably, "(getting) $\alpha$ instead of $\beta$," or, even shorter: alpha-beta.
P. 117, Exercise 4.8.4: the assumptions of Theorem 4.6 .4 not only concern the Structural Assumption 1.2.1, but also everything else in the theorem. In other words, the two statements (i) and (ii) are also assumed to hold.
P. 120, Eq. (4.9.2): the existence of $\mathrm{q}_{1}$ and $\mathrm{q}_{2}$ is part of the definition of additivity.

## P. 132, Table 4.11.1: mistakes in statistics of $\mathrm{PE}^{1}$ and $\mathrm{PE}^{2}$

TABLE 4.11.1. Descriptive statistics

| Variable Mean | Standard Dev. | Min | Max | Label |
| :---: | :---: | :---: | :---: | :---: |
| $\alpha^{0} \quad 10$ | 0.0 | 10 | 10 | starting value |
| $\alpha^{1} \quad 21.4$ | 4.9 | 17 | 28 | 1st value of 1st TO measurement (Fig 4.1.1a) |
| $\alpha^{2} \quad 40.2$ | 10.4 | 27 | 50 | 2nd value of 1st TO measurement (Fig 4.1.1b) |
| $\alpha^{3} \quad 61.9$ | 19.4 | 42.5 | 85 | 3 rd value of 1st TO measurement (Fig 4.1.1c) |
| $\alpha^{4} \quad 88.9$ | 36.4 | 60 | 140 | 4th value of 1st TO measurement (Fig 4.1.1d) |
| $\beta^{2} \quad 40.1$ | 13.0 | 27 | 56 | 2nd value of 2nd TO measurement (Fig 4.1.2b) |
| $\beta^{3} \quad 65.6$ | 28.6 | 40 | 105 | 3 rd value of 2nd TO measurement (Fig 4.1.2c) |
| $\beta^{4} \quad 93.4$ | 48.8 | 52 | 160 | 4th value of 2nd TO measurement (Fig 4.1.2d) |
| $\gamma^{1} \quad 18.5$ | 4.1 | 13.5 | 25 | 1st value of CE measurement (Fig 4.1.3b) |
| $\gamma^{2} \quad 32.4$ | 9.0 | 20 | 45 | 2nd value of CE measurement (Fig 4.1.3a) |
| $\gamma^{3} \quad 51.6$ | 18.3 | 30 | 75 | 3rd value of CE measurement (Fig 4.1.3c) |
| $\delta^{0} \quad 22.0$ | 10.7 | 13 | 40 | 1 st value of reversed TO measurement (Fig 4.1.4d) |
| $\delta^{1} \quad 32.0$ | 11.4 | 22 | 50 | 2nd value of reversed TO measurement (Fig 4.1.4c) |
| $\delta^{2} \quad 46.4$ | 15.9 | 32 | 70 | 3 rd value of reversed TO measurement (Fig 4.1.4b) |
| $\delta^{3} \quad 64.4$ | 24.4 | 45 | 100 | 4th value of reversed TO measurement (Fig 4.1.4a) |
| $\mathrm{PE}^{1}$, 70.40 | O. ${ }^{\text {a }}$ | 0.25 | 0.63 | 1 st value of probability equivalent (Fig. 4.1.5a) |
| $\mathrm{PE}^{2}$, | '0.6 | 0.50 | , ${ }^{(0)}$ | 2nd value of probability equivalent (Fig. 4.1.5b) |
| $\mathrm{PE}^{3}$, $\mathrm{Cl}^{\prime}$ | i 0.07 | 0.75 | '0.90 | 3rd value of probability equivalent (Fig. 4.1.5c) |
| $\begin{array}{lc:c} \hline \hline 0.36 & & 0 . \\ \hline & 0.64 & 0 . \end{array}$ | 6 $\vdots$ <br>  0.13 |  | 75 |  |

P. 132, Footnote 19 \{new in 26 Nov. 2016\}: Figure 4.1.4 iso 4.1.2.
P. 154, Eq. (5.3.3):

The more general formula

$$
\begin{equation*}
\sum_{\mathrm{j}=1}^{\mathrm{n}} \mathrm{w}\left(\mathrm{p}_{\mathrm{j}}\right) \mathrm{U}\left(\mathrm{x}_{\mathrm{j}}\right), \tag{5.3.3}
\end{equation*}
$$

allowing nonlinear utility, is similarly unsound. As soon as w is not the identity function, there are cases where increasing the utility of outcomes leads to a lower

P. 158 €. 7:
important (Clark, Frijters, \& Shields 2008; Easterlin 1995; van Praag \& Ferrer-i-
P. 159, footnote 6 :
$\mathrm{w}(1 / 6) \neq 0.408$,
$=0$
P. 166, Step 4:

STEP 3. For all ranks, calculate their w value.
STEP 4.For each outcome $\alpha$, calculate the marginal w contribution of its outcome probability $p$ to its rank; i.e., calculate $w(p+r)-w(r)$. Note that $u)(p+r)($ is the rank of the outcome in the prospect next-worse to $\alpha$.
P. 173 Figure 6.3.2(b): $w(p)=\sqrt{\mathrm{p}}($ iso $w(p)=\sqrt{\mathrm{x}})$
P. 176 [Last line]

$$
\pi\left(0.07^{0.06}\right)(\mathrm{U}(25 \mathrm{~K})-\mathrm{U}(0)) \stackrel{*}{\neq \pi\left(0.06^{\mathrm{b}}\right)(\mathrm{U}(75 \mathrm{~K})-\mathrm{U}(25 \mathrm{~K})) .}
$$

P. 179 [Prelec's weighting family of Eq. (6.4.1) and definition of compound invariance]; $a$ and $b$ should be positive. See also the correction concerning p. 207.
P. 182:

EXERCISE 6.5.1. ${ }^{!a}$ Make Assumption 4.10.1 (50-50). Show that not only under EU, but also under RDU, the $\beta$ 's in Figure 4 are equally spaced in utility units and (4.1.2)
P. 182: Exercise 6.5.2 is better done only after Exercise 6.5 .6 (p. 188).
P. 195 top:
$\square$
Cancelling the terms $\mathrm{w}\left(\mathrm{p}_{\mathrm{i}}+\cdots+\mathrm{p}_{1}\right)-\mathrm{w}\left(\mathrm{p}_{\mathrm{i}-1}+\cdots+\mathrm{p}_{1}\right)$, we obtain $\mathrm{w}\left(\mathrm{p}_{1}+\cdots+\right.$ $\left.p_{1}\right)-\mathrm{w}\left(\mathrm{p}_{\mathrm{i}-1}+\cdots+\mathrm{p}_{1}\right)$, which is exactly the decision weight of $\mathrm{U}\left(\mathrm{x}_{\mathrm{i}}\right)$ with the two

Pp. 200-201 [ $\tau$ 's should be t's]. All $\tau$ 's in Figures 6.9.1 and 6.9.2 should be t's, the symbol used in the text. The text one time, erroneously, with the last symbol preceding Eq. 6.9.2, writes $\tau$ which should be t :
outcome $\alpha$ with utility exceeding $\not \subset$


$$
\begin{equation*}
\operatorname{RDU}(\mathrm{x})=\int_{\mathbb{R}^{+}} \mathrm{w}(\mathrm{x}(\mathrm{U}(\alpha)>\mathrm{t})) \mathrm{dt}-\int_{\mathbb{R}^{-}}[1-\mathrm{w}(\mathrm{x}(\mathrm{U}(\alpha)>\mathrm{t}))] \mathrm{dt} . \tag{6.9.2}
\end{equation*}
$$

P. 207 [Prelec's weighting family of Eq. (6.4.1) on 179, and definition of compound invariance]; $a$ and $b$ should be positive:
d) Calculate the RDU value of the prospect in (c) and its certainty-equivalent.

Prelec (1998) proposed the compound invariance family $\left(\exp \left(-(-\ln (\mathrm{p}))^{\mathrm{a}}\right)\right)^{\mathrm{b}}($ Eq. (6.4.1)) with $a$ and $b$ as parameters (Figure 7.2.2). Ongoing empirical research suggests that $\geq 0<0$
P. 207:

In the definition of Prelec's compound invariance preference condition in Eq. (7.2.3):

$$
\begin{equation*}
\left[\gamma_{\mathrm{p}} 0 \sim \beta_{\mathrm{q}} 0, \gamma_{\mathrm{r}} 0 \sim \beta_{\mathrm{s}} 0, \text { and } \gamma_{\mathrm{p}^{\mathrm{m}} 0}^{\prime} \sim \beta_{\mathrm{q}^{\mathrm{m}} 0}^{\prime}\right] \Rightarrow \gamma_{\mathrm{r}^{\mathrm{m}} 0}^{\prime} \sim \beta_{\mathrm{s}^{\mathrm{m}} 0}^{\prime} 0 \tag{7.2.3}
\end{equation*}
$$

all probabilities $p, q, r, s$ and all outcomes $\gamma, \beta, \gamma^{\prime}, \beta^{\prime}$ should be positive.
Otherwise: the case of $\beta^{\prime}>0, \mathrm{~s}>0$, and all other outcomes and probabilities 0 , gives a violation of the condition. The same correction should be added to Prelec's (1998) definition of compound invariance (see his Definition 1 on p. 503).
P. 208 [Parameters for Chinese students]. Five lines below Eq. 7.2.4: insensitive (aber) and more optimistic (b Smater). Diecidue, Schmidt, \& Zank smaller
P. 224 [Figure 7.7.1']. $\pi\left(p_{b}\right)$ should be $\pi\left(\mathrm{p}^{\mathrm{b}}\right)$, to the left at the bottom of the figure.
P. 228 top:
formal definitions of likelihood insensitivity were givent by Tversky \& Wakker
(1995). They were tested by Tversky \& Fox (1995) and Wu (1999
p. 155 ), under the name of bounded subadditivity. Tversky \& Wakker (1995) and

Pp. 230-231 [Distance in §7.10]. The distance to determine best fits is the distance measure described in Appendix A (and used throughout the book).
P. 245 middle of 2 nd para:
large at every level of wealth for p such that $\mathrm{w}(\mathrm{p})=1 / 2$. However, this p is which
P. $256\left[\theta>0\right.$ implicitly in power utility $\left.\alpha^{\theta}\right]$. Example 9.3.1: here, and in several other places in the book, for power utility $\alpha^{\theta}$ (for $\alpha>0$ ) we must have $\theta>0$ because the function is increasing (and well defined at $\alpha=0$ ). Similarly, $\theta^{\prime}>0$.
P. 257 [Typo in 1st para of Example 9.3.2].
$\mathrm{w}^{+}(\mathrm{p})=\mathrm{w}^{-}(\mathrm{p})=\mathrm{p}$ for all p . Thus, rank dependence plays no role. Assume int

## P. 259 [last part of first para following Exercise 9.3.7].

loss averse than $\geqslant_{1}$ so that $\lambda_{2}>\lambda_{1}$, then $\mathrm{PT}_{2}(\mathrm{y})=\mathrm{PT}_{1}(\mathrm{y})\left(\mathrm{PT}_{\mathrm{i}}\right.$ denotes the relevant PT functional), but $\mathrm{PT}_{2}(\mathrm{x})<\mathrm{PT}_{1}(\mathrm{x})\left(=\mathrm{PT}_{1}(\mathrm{y})=\mathrm{PT}_{2}(\mathrm{y})\right)$. Hence, $\mathrm{x}<2 \mathrm{y}$. The certainty equivalent for the pure gain prospect $\mathbb{X}$ is the same for both decision makers, but for the mixed prospect it is smaller for the mare loss averse decision maker. This is the basic idea of Köbberling \& Wakker (2005).
P. 265 [Typo preceding Exercise 9.5.1]. is in Huber, Ariely, \& Fischer (2001), with an interesting separation of intic utility and loss aversion.

The following exercise illustrates the extremity orientedness of PT, mostly driven by likelihood insensitivity.
P. 264 [bottom]. The four-fold pattern concerns prospects with ony one nonezero outcome.
P. 283 ८. -7 :
uncertainty
To distinguish a rank $R$ for decision under from (probability-)ranks, R can be called event-rank. No confusion will, however, arise from the concise term rank.

## P. 311 [ $\ell .1]$.

A maximal comonotonic set, results if we specify a complete ranking of the entire state space and take the set of all prospects compatible with this ranking.
P. 321 [Add brackets 3 lines below Eq. 11.2.4].

$$
\begin{equation*}
1_{\mathrm{B}_{\mathrm{a}}} 0 \sim 1_{\mathrm{R}_{\mathrm{a}}} 0 . \tag{11.2.4}
\end{equation*}
$$

Then $\mathrm{W}\left(\mathrm{B}_{\mathrm{a}}\right)=\mathrm{W}\left(\mathrm{R}_{\mathrm{a}}\right)$. We define $\mathrm{P}\left(\mathrm{B}_{\mathrm{a}}\right)=\mathrm{P}\left(\mathrm{R}_{\mathrm{a}}\right)=1 / 2$ and then define the source function $w_{a}$ such that $w_{a}(1 / 2)=W\left(B_{a}\right)=W\left(R_{a}\right)$. If we restrict attention to the unknown urn then, indeed, RDU with probabilistic sophistication does hold and $\mathrm{W}(\cdot)=\mathrm{wa}_{\mathrm{a}} \mathrm{P}(\cdot)$.
P. 330 [Lines following Table 11.7.1].

The first four CEs concern decision under risk. Eqs. (11.7.1) and (11.7.2) (with $\mathrm{w}(\mathrm{p})=\mathrm{p}$ ) best fit the data for $\theta=7 / 5$ and $\mathrm{W}\left(\mathrm{B}_{\mathrm{a}}\right)=0.38$, with distance ${ }^{10} \$ 2.25$. The 0.75
P. 331 [Subscript a in Table 11.7.2].

Table 11.7.2. Optimal Fits of RDU for Data in Table 11.7.1 under Various
Restrictions for Eqs. 11.7.1 and 11.7.2

| Restrictions Assumed | $\theta$ (for U) | w(0.5) | $\mathrm{W}\left(\mathrm{~B}^{\mathrm{B}}\right)$ | distance from data | ambiguity aversion |
| :---: | :---: | :---: | :---: | :---: | :---: |
| EU for Risk ( $\alpha$-maxmin) | 0.75 | 0.50* | 0.38 | 2.25 | 0.12 |
| RDU for risk with $U(\alpha)=\alpha$ | 1* | 0.41 | 0.31 | 0.81 | 0.10 |
| RDU in general | 0.95 | 0.42 | 0.32 | 0.57 | 0.10 |
| Note: * assumed; bold print: fitted |  |  |  |  |  |

Pp. 334-335 [Distance in §11.8]. The distance to determine best fits is the distance measure described in Appendix A (and used throughout the book).
P. 343 [Typos in lowest displayed formula].

$$
\begin{aligned}
\sum_{\mathrm{j}=1}^{\mathrm{n}} \pi_{\mathrm{j}} \mathrm{U}\left(\mathrm{x}_{\mathrm{j}}\right)= & \sum_{\mathrm{i}=1}^{\mathrm{k}} \pi\left(\mathrm{E}_{\mathrm{i}}^{\left.\mathrm{E}_{\mathrm{i}-1} \cup \cdots \cup \mathrm{E}_{1}\right) \mathrm{U}\left(\mathrm{x}_{\mathrm{i}}\right)+\sum_{\mathrm{j}=\mathrm{k}+1}^{\mathrm{n}} \pi\left(\mathrm{E}_{\mathrm{j}_{\mathrm{j}+1}} \cup \cdots \cup \mathrm{E}_{\mathrm{n}}\right) \mathrm{U}\left(\mathrm{x}_{\mathrm{j}}\right)} \begin{array}{rl}
= & \sum_{\mathrm{i}=1}^{\mathrm{k}}\left(\mathrm{~W}^{+}\left(\mathrm{E}_{\mathrm{i}} \cup \cdots \cup \mathrm{E}_{1}\right)-\mathrm{W}^{+}\left(\mathrm{E}_{\mathrm{i}-1} \cup \cdots \cup \mathrm{E}_{1}\right)\right) \mathrm{U}\left(\mathrm{x}_{\mathrm{i}}\right) \\
& \left.+\sum_{\mathrm{j}=1}\left(\mathrm{~W}^{-}\left(\mathrm{E}_{\mathrm{j}} \cup \cdots \cup \mathrm{E}_{\mathrm{n}}\right)-\mathrm{W}_{\mathrm{W}} \mathrm{E}_{\mathrm{j}+1} \cup \cdots \cup \mathrm{E}_{\mathrm{n}}\right)\right) \mathrm{U}\left(\mathrm{x}_{\mathrm{j}}\right), \\
\sum_{\mathrm{j}=\mathrm{k}+1}^{\mathrm{n}}
\end{array}\right.
\end{aligned}
$$

P. 347 [Typo in unnumbered formula and below].

$$
\begin{aligned}
& \mathrm{W}^{+}(\mathrm{E})(\mathrm{u}(\mu)-\mathrm{u}(2))=\left(1-\mathrm{W}^{+}(\mathrm{E})\right)(\mathrm{u}(-1)-\mathrm{u}(0)) \\
& \mathrm{W}^{+}(\mathrm{E})(\mathrm{u}(\mu)-\mathrm{u}(2))=\mathrm{W}^{-}\left(\mathrm{H}^{*}\right) \lambda(\mathrm{u}(0)-\mathrm{u}(-\alpha)) .
\end{aligned}
$$

With the pragmatic assumptions that $1-\mathrm{W}^{+}(\mathrm{E})=\mathrm{W}^{-}$() and that u is linear near zero, we get
P. 348 [Typo in last displayed formula].
[ $\alpha_{\mathrm{E}^{\mathrm{G}}} \geqslant \alpha_{\mathrm{E}^{\mathrm{G}}} \mathrm{y} \Leftrightarrow \gamma \mathrm{E}_{\mathrm{L}} \mathrm{X} \geqslant \gamma \mathrm{E}_{\mathrm{L}} \mathrm{y}$ ] for all gains $\alpha>0$ and losses $\beta<0$ whenever E has the same gain-rank in all four prospects.
P. $354 \ell .10$ [Two typos in names] ambiguity seeking (Abdellaoui, Vossman, \& Web)及er 2005; Chakravarty \& Roy 2009;
P. 391 [Typo in last line]

P. 400 [Elaboration of Exercise 1.2.2] End of part (a): the claim that part (a) ( $[x>y$ $\Leftrightarrow \mathrm{V}(\mathrm{x})>\mathrm{V}(\mathrm{y})])$ would imply that V is representing is not correct. It is correct if $\geqslant$ is complete (so if it is a weak order).

COUNTEREXAMPLE. To see the incorrectness of the claim, start from a weak order represented by $V$ with nontrivial indifferences, so, $x \sim y$ for some $x \neq y$. In the
indifference class of x and y , change all indifferences into incompletenesses. So. whenever $\mathrm{v} \sim \mathrm{w} \sim \mathrm{y}$ we remove $\mathrm{v} \geqslant \mathrm{w}$ and $\mathrm{w} \geqslant \mathrm{v}$ to get v and w incomparable. (a) still holds (and also transitivity), but V is obviously not representing.
P. 403 [Elaboration of Exercise 1.5.3b] End of part (a): the claim in the first line that $x$ $<\mathrm{y}$ implies $\mathrm{CE}(\mathrm{x})<\mathrm{CE}(\mathrm{y})$ can be shown as follows, where we cannot use monotonicity: $\mathrm{CE}(\mathrm{x})>\mathrm{CE}(\mathrm{y})$ cannot be because, by Part (a), it would imply $\mathrm{x}>\mathrm{y}$. $C E(x)=C E(y)$ cannot be either because, by transitivity, from $x \sim \operatorname{CE}(x)=C E(y) \sim y$ the contradictory $\mathrm{x} \sim \mathrm{y}$ would follow.
P. 406 [Elaboration of Exercise 2.1.2b].

P. 408 [Fig. c in elaboration of Exercise 3.2.1].

EXERCISE 3.2.1. We only treat the case of concavity and risk aversion, the other cases being similar.
(a)

(b)

(c)

P. 416 [ $\ell .1]$.
$\operatorname{CE}(3002 / 3250)=281.62$ and $\operatorname{CE}(2852 / 3276)=281.95$, so that the safer $(28) / 2 / 327)$ is just preferred.
P. 422 [ $\ell .6]$.

EXERCISE 4.10.1. Under EU with utility U, $\alpha^{i}$ should satisfy

$$
1 / 2 \times U\left(\alpha^{i}\right)+1 / 2 \times U(1)=1 / 2 \times U\left(\alpha^{i-1}\right)+1 / 2 \times U(8)
$$

so that

$$
\mathbb{X} \alpha^{\mathrm{i}}=\mathrm{U}^{-1}\left(2\left(1 / 2 \times \mathrm{U}\left(\alpha^{\mathrm{i}-1}\right)+1 / 2 \times \mathrm{U}(8)-1 / 2 \times \mathrm{U}(1)\right)\right) \text {. Previous exercises }
$$ have shown that the $\beta$ 's, $\gamma$ 's, and $\delta$ 's are equal to the $\alpha$ 's, and that the $P^{j}{ }^{\mathrm{j}}$ 's are $\mathrm{j} / 4$. Hence, we only calculate the $\alpha$ 's.

P. 425 last line.

Figs. 2.4.1g and h violate the 2 e-thing principle for risk. sure.
P. 426 ८. -6 ff .;
(a) Take utility linear. We take $\mathrm{w}(0.8)$ very small (say 0.01 ), so that the risky prospect in Figure 2.2.1e is evaluated much lower than the riskless prospect there (20 times lower). If $\mathrm{w}(0.04)$ and $\mathrm{w}(0.05)$ are similar (say you take w linear between 0 and 0.8 ), then the bigger prize will decide and the upper prospect in Figure 2.5 will have a much higher value than the lower one (four times higher). Then the commonly found preferences are accommodated.
P. $426 \ell .-2$.

Figure 2.2.1g

## P. 446 [Exercise 10.4.6].

Exercise 10.4.6. We want to use Eq. (10.4.5) to obtain $\pi\left(\mathrm{E}_{2}{ }^{\mathrm{b}}\right) \geq \pi\left(\mathrm{E}_{2}{ }^{\mathrm{A}}\right)$, which gives the weakened implication of Case 1. Equation (10.4.5) can only be used if $\mathrm{E}_{2} \cup \mathrm{~A} \leqslant \mathrm{~W}_{\mathrm{rb}}$. We similarly want to use Eq. (10.4.6) to obtain $\pi\left(\mathrm{E}_{3}{ }^{\mathrm{w}}\right) \geq \pi\left({ }^{2}\right)$, which gives the weakened implication of Case 3. Equation (10.4.6) can only be used if $\mathrm{E}_{2} \geqslant \mathrm{Brb}_{\mathrm{rb}}$.
P. 451 [Exercise 11.8.1].
$a_{k}$ and $b_{k}$ have been rounded. More precisely, $a_{k}=0.725$ and $b_{k}=0.975$. The values of $a_{a}$ and $b_{a}$ are incorrect. It should be $a_{a}=0.50$ and $b_{a}=0.15$. The optimism index for risk is exactly 0.46 , and the likelihood sensitivity index for risk is 0.725 . The optimism index for ambiguity is 0.40 , as written. The likelihood sensitivity index for ambiguity is 0.50 . The index of ambiguity aversion is 0.06 as written. The index of likelihood insensitivity due to ambiguity is $0.725-0.50=0.225$.
P. 467 [Chew Soo Hong,, King King, et al. (2008) reference corrected].

The reference should be (with editor, book, and publisher corrected):

Chew, Soo Hong, King King Li, Robin Chark, \& Songfa Zhong (2008) "Source Preference and Ambiguity Aversion: Models and Evidence from Behavioral and Neuroimaging Experiments." In Daniel Houser \& Kevin McGabe (eds.) Neuroeconomics. Advances in Health Economics and Health Services Research 20, 179-201, JAI Press, Bingley, UK.
P. 484 [Rapoport (1984) reference corrected].

[^0]
## 2. Minor typos and corrections (not worth your time)

P. $15 \& 399$. Exercise 1.1.1 and its elaboration: no hyphen in no-one.
P. 120 €. -2. cross-check with hyphen.
P. 262 [Title § 9.4.2; also in contents on p. ix].

### 9.4.2 Measuring utility, eventweighting, and loss aversion probability

## P. 312 [Middle of penultimate para].

Denneberg 1994 Ch. 4; Dhaene et al. 2002). We next discuss relations between ranks uand comonotonicity, first verbally and then formalized. We also discuss in more detail the construction of a probability measure for a comoncone such that RDU on that comoncone coincides with EU for that probability measure. For a comonotic set of on
P. 372. Add hyphen to quasiconvexity.
P. 406 Exercise 2.1.2(b): Interchange the outcomes 2 and 8 throughout.
P. 470 .

# Uncertainty: Does Information Matter?," Geneva Papers on Risk and Insurance Theory 26, 195-224. about Probability. 

P. 461:.

Abdellaoui, Mohammed (2000) "Parameter-Free Elicitation of Utilitids and Probability Weighting Functions," Management Science 46, 1497-1512.


## P. 470 .

Easterlin $\$$, Richard A. (1995) "Will Raising the Incomes of All Increase the Happiness of All?," Journal of Economic Behavior and Organization 27, 35-48.

## P. 470 .

Epstein, Larry G. \& Jian \&kang Zhang (2001) "Subjective Probabilities on Subjectively Unambiguous Events," Econometrica 69, 265-306.
P. 482:.

```
S
Nakamura, Yutaka (1992) "Multił§ymmetric Structures and Non-Expected Utility," Journal of Mathematical Psychology 36, 375-395.
```


## P. 483:

Offerman, Theo, Joep Sonnemans, Gijs van de Kuilen, \& Peter P. Wakker (2009) "A Truth-Serum for Non-Bayesians: Correcting Proper Scoring Rules for Risk Attitudes," Review of Eqonomic Studies 76, 1461-1489.
P. 487:

Seo, Kyoungwon (2009) "Ambiguity and Second-Order Beliefy,", Econometrica 77, 1575-1605.

## P. 491:

Winkler, Robert L. (1991) "Ambiguity, Probability, and Decision Analysis," Journal of Risk and Uncertainty 4, 285-297.

P. $4932^{\text {nd }}$ column:.

## Easterlin炗, Richard A. 158, 468, 470

P. $4992^{\text {nd }}$ column middle:

Wu, George, Ricd $134,204,209,215,217,228$,
$230,275,292,298,351,352,360,474,491$


[^0]:    Amnon
    Rapoport, Astol (1984) "Effects of Wealth on Portfolios under Various Investment Conditions," Acta Psychologica 55, 31-51.

