OPUS 2 INTERNATIONAL

Sainsbury's Supermarkets Ltd v. (1) MasterCard Inc, (2) MasterCard International Inc, (3) MasterCard Europe S.P.R.L.

Day 16 Redacted

February 25, 2016

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1	Thursday, 25th February 2016
2	(10.30 am)
3	(Open session)
4	MR JUSTICE BARLING: Morning.
5	MR HOSKINS: Straight to Dr Niels unless there is anything
6	you want to
7	MR JUSTICE BARLING: The only thing is just to let you know
8	that there are people I am sure everyone is aware
9	who want to listen to the proceedings and there is
10	a particular group of students tomorrow morning coming
11	from a university to listen.
12	Now, I appreciate it is very difficult to give
13	precise indications of when we are likely to be in
14	this is really probably more for Mr Brealey, really
15	MR BREALEY: It applies to me, really.
16	MR JUSTICE BARLING: in camera, but insofar as you are
17	able to give any indications in advance at any time,
18	that would be helpful. Any pre-indications to the court
19	at large, but also if it were possible by say the close
20	of play to give us an idea of how you see tomorrow
21	morning panning out, simply because we have a group.
22	MR BREALEY: Yes, sure, I understand.
23	MR JUSTICE BARLING: So we are obviously in open court as
24	things stand.
25	MR BREALEY: Yes. So they are due tomorrow morning?

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1	MR JUSTICE BARLING: I think they are due tomorrow morning.
2	MR BREALEY: For just an hour?
3	MR JUSTICE BARLING: I'm not sure. I don't know, Ms Boyle,
4	do you know how long? About an hour at the beginning of
5	the morning. Probably after an hour I imagine the eyes
6	will glaze over.
7	MR HOSKINS: Can I call Dr Niels, please.
8	DR GUNNAR NIELS (affirmed)
9	Examination-in-chief by MR HOSKINS
10	MR JUSTICE BARLING: Thank you, Dr Niels. Make yourself
11	comfortable.
12	MR HOSKINS: You need D3, please. If you go to tab 3, there
13	should be a document entitled "Expert report of
14	Dr Gunnar Niels"; is that correct?
15	A. Yes.
16	Q. If you go through to page 419.
17	A. Yes.
18	Q. Is there a signature there?
19	A. Yes.
20	Q. Can you confirm it is your signature?
21	A. Yes.
22	Q. Then still in this bundle, if you go to the next tab,
23	3A.
24	A. Yes.
25	Q. It should be the "First supplemental report of

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1	Dr Gunnar Niels"?
2	A. Yes.
3	Q. And at page 447.17, is that your signature?
4	A. Yes.
5	Q. Then D3.1 at tab 6, you see "Second supplemental report
6	of Dr Gunnar Niels"?
7	A. Yes.
8	Q. The signature should be at 636.
9	A. Yes.
10	Q. Can you confirm that's your signature?
11	A. Yes.
12	Q. Can you confirm that contained in these three reports,
13	they set out your independent professional opinion?
14	A. Yes.
15	MR HOSKINS: Mr Brealey has some questions for you.
16	Cross-examination by MR BREALEY
17	MR BREALEY: You can put D3.1 away for the moment. Let's
18	just concentrate on your first report in D3.
19	I know you have been at Oxera for a long time. How
20	long precisely?
21	A. Nearly 17 years.
22	Q. Was MasterCard an existing client of Oxera's or did you
23	bring MasterCard with you?

A. No, we started -- Oxera started work for MasterCard in May 2000, and actually it was the UK member banks of

1	MasterCard who were united back then in MEPAC and later
2	they became MMF. But they became a client when after
3	I had started at Oxera.
4	Q. So you say I'm looking at paragraph 1.5 of your
5	report that you advised the MasterCard UK members.
6	It is at page 214. You advised MasterCard UK members
7	during the OFT investigation, correct?
8	A. Yes.
9	Q. And that began some 16 years ago?
10	A. Indeed. 16 years ago. In March 2000 this was the very
11	first notification of the OFT under the new Competition
12	Act 98.
13	Q. So MasterCard at this time was a new client to Oxera and
14	you had basically just started, I think?
15	A. Yes, I had started nine months earlier.
16	Q. What was the advice that you gave? What was the sort of
17	advice that you gave to the UK members of the MasterCard
18	scheme during this time?
19	A. Yes, so this was from 2000 to 2005, basically the OFT
20	investigation, and thereafter, after the OFT decision,
21	came the CAT appeal. So we were here in this place.
22	The kind of analysis that we did was actually very
23	similar to the current case; the same issues that we
24	looked at are relevant to the current case. So
25	article 101(1), 101(3), the economic analysis, applying

1	economic principles to the case on the interchange fee
2	on article 101(1) and 101(3).
3	Q. I know that you have been in court a lot and you are
4	quite close to the case, but we have seen economic
5	reports during this time from DotEcon, Edgar Dunn,
б	Professor Weizäcker. What reports did Oxera submit?
7	A. Maybe it is also worth clarifying. We advised MEPAC, so
8	the UK member banks, alongside us in the OFT proceedings
9	but actually separately officially was MasterCard. So
10	I advised the UK member banks.
11	So the submissions for DotEcon, and Mr Koboldt was
12	here earlier giving factual evidence, he advised
13	MasterCard at the time. We were the economic advisers
14	to the UK members.
15	I think in this long process there were a few
16	submissions from Oxera on merchant surveys and
17	cardholder surveys. There were a few submissions on the
18	theory of interchange. One of my colleagues, Dr Helen
19	Jenkins, I think presented a few times at oral
20	hearings etc. That's about it in terms of Oxera reports
21	or Oxera named reports in the OFT stage.
22	Then Dr Jenkins, my colleague, was the expert
23	named or the expert for the UK members in the CAT
24	proceedings.
25	Q. Just again to recap, what was your role in all this?

5

1	A. Well, I was in all that time
2	Q. You were quite young probably, but what was your role in
3	all this?
4	A. As a youngster, I was pretty much working with Dr Helen
5	Jenkins. I was, if you like, second in command.
6	Q. You would review the submissions by the other MasterCard
7	companies, MasterCard Inc, to ensure consistency,
8	I guess?
9	A. There were certainly working groups together and we
10	would review each other's submissions. I think I have
11	seen most of the work by MasterCard's economic advisers.
12	Q. Then in 2006, as we know, the OFT opened a new
13	investigation. You were a little bit older then. You
14	say you were involved in it. What was the extent of
15	your involvement?
16	A. Well, I can't it was certainly a lot less, and
17	I can't remember whether it was actually very active
18	because the OFT I think, at that stage, took a bit of
19	a back step and the European Commission case became the
20	leading case.
21	I think the UK member banks, so our clients at the
22	time, were not that active in the European Commission
23	state. So, certainly, our involvement dropped a little.
24	Q. So you say it dropped a little, but you do say at one
25	point, by 1.6, that you worked intermittently throughout

-	
T	the EU investigation. What was your involvement in the
2	EU investigation?
3	A. Yes, so I think Oxera advised the Royal Bank of Scotland
4	as one of the intervening parties when the during the
5	appeal by MasterCard to the European Courts, to the
6	court of first instance at the time. There was a at
7	that time, Oxera performed a study on incremental spend
8	and that was put in as evidence I think on behalf of
9	RBS, if I recall correctly, as an intervening party.
10	Q. That's the one that the Commission rejects in the annex
11	to the decision.
12	A. Yes.
13	Q. We will come on to the appeals in a minute.
14	As far as the EU investigation was concerned, let's
15	start with a Visa exemption in 2002. Were you involved
16	in that at all, reviewing that?
17	A. We were not involved, I think, as MasterCard, but
18	certainly it came out during that period, so it was
19	a relevant decision to look at at the time.
20	Q. But MasterCard, did they get involved in the Visa
21	proceedings?
22	A. I don't know.
23	Q. Did you liaise with Professor Weizäcker again, and

- Q. Did you liaise with Professor Weizäcker again, and
- 24 Mr Koboldt and Mr Sidenius at the time?
- 25 A. Yes, all of them were involved at the time and we had

1	various interactions with all of them.
2	Q. What was the nature of these interactions?
3	A. I think because we were economic advisers to the UK
4	members and Mastercard International and there were sort
5	of working groups, if you like, so there were also
6	interactions between the economists, lots of interesting
7	brain storms I remember.
8	Q. What, relating to the MIT-MIF and the issuer's cost
9	methodology?
10	A. Certainly related to interchange and the theory, also
11	the EDC methodology. I think MIT-MIF, none of us had
12	heard of MIT-MIF back then.
13	Q. After the infringement decision, did you get involved
14	with the undertakings, the 2009 undertakings that
15	MasterCard gave?
16	A. No, I didn't and I think Oxera did not at that stage,
17	because at that stage it was pretty much a MasterCard
18	issue and the UK member banks were very much in the
19	background, not so involved, I think.
20	Q. So after the 2009 undertakings there were the appeals,
21	and I think if we go to paragraph 115 of the report,
22	where you say "The documents that you have reviewed", it
23	is the normal stuff: The legal pleadings, the witness
24	statements. Out of interest, why do you review the
25	witness statements as an expert?

1	A. I think that's in general terms common practice, and	1	Q. Did they put a separate appeal in?
2	actually good practice because it means as an expert you	2	A. I can't remember, but I should think so, yes.
3	are you can make sure that your economic analysis is	3	Q. They are certainly referred to in the decision. This is
4	rooted in the facts of the case.	4	the sort of document I think that you have just said you
5	Q. Then you have looked at the internal documents relating	5	would have reviewed to ensure consistency, correct?
6	to interchange fees, and then six bullet points down you	б	A. This is the sort of document I would have reviewed to
7	have looked at the relevant decisions. Why have you	7	inform myself, yes.
8	looked at the relevant decisions, the Commission	8	Q. So if you go, please, to page 338, paragraph 102, and
9	decision in particular? Why are you looking at that?	9	read paragraph 102 and footnote 103.
10	A. I think, again, that is important context for my	10	A. Yes.
11	economic analysis of this case.	11	Q. You are a very quick reader.
12	Q. Then the court judgments. Why are you reviewing the	12	It says, 102:
13	court judgments?	13	"For these reasons the OFT is not entitled to simply
14	A. I think for the same reason.	14	conclude that higher interchange fees lead to increase
15	Q. You say in the last bit of that bullet point that you	15	in retail prices. Such a significant conclusion
16	have looked at the number of submissions leading up to	16	requires evidence. The OFT does not produce any. In
17	the judgments.	17	fact, it is evident that higher interchange fees might
18	Now, as you probably know, we haven't seen these.	18	just as well lead to lower or unchanged retail prices."
19	Did you take part in these submissions? Did you kind of	19	Then footnote:
20	review them?	20	"For example, there is no evidence that the almost
21	A. I did not take part in them. Whether I reviewed them	21	50% reduction in credit card interchange fees in
22	sort of as part of this case, I can't actually recall	22	Australia that resulted from the Reserve Bank of
23	the detail what I reviewed, what I referred to here.	23	Australia's regulatory intervention has any impact on
24	I think certainly one of the things I referred to is the	24	retail prices."
25	Oxera study on the incremental spend, which went into	25	Was this something that you shared? This is a view

1	well, the General Court proceeding.
2	Q. Were you acting for MasterCard in these appeals or any
3	interested issuing bank, or no one?
4	A. So we did act for Royal Bank of Scotland.
5	Q. You did, yes.
6	A. In the court of first instance. But I can't recall
7	whether that was still the case for the ECJ or whether
8	it was still relevant at that point.
9	Q. If you look over this history, this 16-year history, it
10	is quite clear that you have fought quite a lot of
11	battles with MasterCard.
12	A. That's one way of describing it. I think I have to say
13	I find the economics of interchange fees fascinating.
14	I have always found it fascinating. In a way I'm
15	pleased that the issues we looked at back then are
16	relevant issues in the current case as well.
17	Q. Let's go to a few documents, if we can.
18	Can we go first to E2, tab 6. I want to go to
19	page 338, paragraph 102. Before we do that, tab 6, just
20	to identify the document it is page 326 this is
21	an appeal against Mastercard International Incorporated
22	Europe.
23	Now, you were acting for the UK members, as
24	I understand it?
25	A. Yes.

1	that you shared at the time?
2	A. I can't recall whether at the time we really got
3	involved into this question on pass-on, but I think my
4	views my views on pass-on are clear. I mean, I have
5	set them out for the purposes of the current case.
6	Q. Obviously we will come to these, but I'm trying to work
7	out with you whether you shared the view of MasterCard
8	back in 2005 about the experience in Australia, for
9	example.
10	A. I think what I can say about this is that I would share
11	the view up to the point where it says there is no
12	evidence. And, indeed, looking at it more closely there
13	is no good evidence. And therefore I have not relied on
14	the Australia evidence on pass-on and instead formed my
15	own views.
16	Q. But this footnote does not suggest a strong economic
17	presumption, does it?
18	A. This footnote, it is it says what it says. It
19	doesn't suggest that there is high pass-on.
20	Q. It is what it is, but it does refer to the evidence and
21	the Tribunal has to look at the evidence. And this is
22	not just an allegation, this is someone having a look at
23	the experience of Australia and saying there is no
24	evidence.
25	Anyway, you have accepted that this evidence is not

1	wholly consistent with a strong economic presumption of
2	pass-on?
3	A. I accept that this statement is not consistent with
4	a strong presumption on pass-on. I think this statement
5	says more that there is no evidence, rather than that
6	there is evidence one way or the other.
7	Q. Can you put that bundle away, please, and go to
8	bundle E2.1. This is at tab 10. Just to identify the
9	document, this is a letter from Jones Day enclosing the
10	MasterCard's response to the European Commission's
11	letter of facts. This is March 2007.
12	Were you involved in this submission at all?
13	A. No.
14	Q. Did you review it?
15	A. No.
16	Q. Did Oxera play any part in it?
17	A. No, I don't think so.
18	Q. So what was the role of yourself and Oxera at this time
19	then, 2007, just before the infringement decision was
20	adopted?
21	A. I think we actually had no particular active role at
22	that stage, if I recall correctly, because this was very
23	much, at that stage, MasterCard dealing with the case
24	rather than the UK members, and MasterCard had its own
25	economic advisers.

13

1	Q. Let's go, if we can, with that proviso, to page 938. If
2	you want to read paragraph 316 to 324. I will just ask
3	you a few questions about this.
4	A. Yes.
5	Q. Have you seen this document before?
б	A. I can't recall that I have. I think not, actually.
7	Q. This was not shown to you when you produced your report?
8	A. It probably was in the overall material available to me,
9	but I can't now recall if I looked at this specific
10	submission.
11	Q. You can't remember whether you saw this document when
12	you were intermittently involved in the EU
13	investigation?
14	A. I think I'm pretty certain that I did not see this
15	document back then.
16	Q. If you go to
17	A. But I can read this.
18	Q. Yes, of course. (Pause)
19	You mentioned a moment ago that you weren't
20	interested in Australia because there was no evidence of
21	pass-on. I think you said it was evidence of absence.
22	But if you see at paragraph 324, the third bullet point:
23	"A review of the annual reports of some of
24	Australia's largest retailers suggests there is no
25	direct correlation between changes in retailers' cost

1	base and consumer prices. But rather, retailers tend to
2	absorb small cost changes regardless of the direction of
3	the cost of change."
4	Just pausing there. I would suggest that is a
5	degree of positive evidence as to what is happening,
б	correct?
7	A. I think it is an assertion in here. And reading this,
8	I would agree I would not agree with this assertion
9	and it is not in line with my analysis of what has
10	happened in the UK.
11	Q. Then the following table contains data extracted from
12	Woolworths and Coles.
13	Then, if you go over the page, this is the evidence:
14	"It shows clearly that there is no correlation
15	between cost reductions, reduced merchant fees and
16	retail prices. Indeed, retailers often take cost
17	changes to (Reading to the words) that influence
18	their prices."
19	So that is something that you disagree with, or
20	what? This is MasterCard putting forward a positive
21	case based on evidence at the time.
22	A. I would say this is not conclusive evidence on pass-on
23	one way or the other. The conclusions that are drawn
24	from it in this document, I would therefore not agree

with. I have tried to look at more detailed evidence in

1	the specific UK Sainsbury's context and draw different
2	conclusions.
3	Q. But would you agree at least that this positive case
4	here is inconsistent with a strong economic presumption
5	of pass-on?
6	A. This the argument made here is inconsistent with
7	that, yes.
8	Q. If you can put that bundle away, please, and go to E5.4,
9	tab 54. This is something that we have referred to in
10	the evidence in these proceedings. This is the report
11	by Europe Economics, "The economic impact of interchange
12	fee regulation in the UK, 28th June 2013".
13	A. Yes.
14	Q. Have you seen this document?
15	A. I hadn't seen it before the current proceedings.
16	Q. But did you see it before you drafted your first report?
17	A. I think yes.
18	Q. Because this, as I understand it, is on the website, on
19	that website.
20	A. It may be, yes.
21	Q. So we know that you saw this before you drafted your
22	first report.
23	If we go to page 1341, the executive summary:
24	"Headline findings and impacts for the UK if
25	interchange fee regulation is introduced.

1	"In Spain and Australia the regulation of	1	was found by the study. The authors found no evidence
2	interchange fees (IFs) resulted in a transfer of cost	2	of an improvement"
3	from retailer to consumers. Retailers' costs fell as	3	So you have studied this and come to the conclusion
4	they paid merchant service charges. But this	4	that you don't agree with it. That's essentially your
5	(Reading to the words) the form of lower retail	5	evidence to the Tribunal?
6	prices."	б	A. Yes, indeed. Because the general theme in this study
7	Then the basis for this, as we have seen there, is	7	and the Iranzo study, and also in Australia, is there is
8	two examples, one in Spain and one in Australia,	8	no evidence of pass-on, and MasterCard then made a lot
9	correct?	9	of that.
10	A. Yes.	10	Indeed, the principle I put forward is the fact that
11	Q. So if we go to section 3 of this report, the one which	11	you find no evidence of pass-on doesn't mean that there
12	starts at 1357, this chapter is entitled "Past	12	isn't pass-on. So the absence of evidence isn't
13	experiences regulating interchange fees".	13	evidence of absence.
14	A. Yes.	14	Q. Then we go to Australia. 1362, section 3.2, "Impacts of
15	Q. Section 3.1 relates to Spain.	15	regulating interchange fees in Australia".
16	A. Yes.	16	Then the footnote. This is at page 1362. I don't
17	Q. 1357. The authors of this document, they go through the	17	know if you have it?
18	caps, the impact on card payments in the banking sector.	18	A. Yes.
19	And then at section 3.1.4, at page 1360, it looks at	19	Q. This is after there is no evidence that retail prices
20	impact on consumers. Page 1360, page 20, section 3.14,	20	were reduced in Spain.
21	"Impact on consumers".	21	We get to Australia, 3.2:
22	So:	22	"Impacts of regulating interchange fees in
23	"The intended effect of imposing a cap on	23	Australia. The summary presented," this is at
24	interchange fees is that they would translate into lower	24	footnote 26, "next is drawn from
25	prices of goods and services."	25	CRA International 2008."

1	If we go on:	1
2	"As reported in Iranzo et al 2012"	2
3	Can you just tell me, is that a firm of economists,	3
4	Iranzo et al?	4
5	A. I think they are three economists or academics. I think	5
6	I looked also at the Iranzo et al study to see where	6
7	does Europe Economics infer its conclusions from? My	7
8	own assessment of these studies, so both Europe	8
9	Economics and Iranzo et al, is that there is actually no	9
10	good basis for them to conclude, based on the evidence	10
11	that they have looked at, that there is no pass-on. The	11
12	evidence is inconclusive either way, and that is why	12
13	I decided not to rely on it.	13
14	Q. Let's just get this straight. You say you saw this just	14
15	before you drafted your first report, yes?	15
16	A. Yes.	16
17	Q. You actually looked at this report and then you actually	17
18	went to the Iranzo study and decided that it wasn't good	18
19	enough; is that right?	19
20	A. Yes.	20
21	Q. So when it says in section 3.1.4:	21
22	"As reported in Iranzo, this chain of effects did	22
23	not take place in Spain. Although the reduction did	23
24	result in lower MSCs, no evidence of it having been	24
25	passed through to a degree(Reading to the words)	25

18

1	Did you go and have a look at that report?
2	A. Yes.
3	Q. You will see over at 1368 at the top, "effect on
4	prices". This is what CRA CRA are a fairly respected
5	firm of economists, aren't they?
5	A. Yes.
7	Q. They are your competitors?
3	A. Yes, they are.
9	Q. So again, they say:
C	"RBA [this is the second paragraph] expected the
1	decrease in IFs to be passed through to consumers as
2	lower prices thanks to vigorous competition at the
3	retail level."
1	Now, is that something that you disagree with there,
5	that there was vigorous competition at the retail level?
5	Did you analyse that?
7	A. I haven't analysed the Australian retail market, whether
3	there was vigorous competition.
9	Q. Just pausing there. So if you take that at face value,
C	isn't that inconsistent with a strong economic
1	presumption of pass-on in the present case where you
2	rely on vigorous competition?
3	A. Yes, the RBA statement here, or the expectations by the
4	RBA that a decrease in interchange fee would be passed
5	on to consumers because of vigorous competition, that is

1	in line with my economic presumption of high pass-on.
2	I think then the debate in these studies here is about,
3	well, is there actually evidence for it.
4	Q. "As in the Spanish case, no evidence was found, neither
5	for a reduction in retail prices nor of an improvement
6	in the quality of product. CRA also explain this as
7	a consequence of the very small reduction in the price
8	per transaction if passed through from MSCs to prices
9	would have taken place."
10	So CRA here are saying there's no evidence of
11	pass-on even though there's vigorous competition, and it
12	may well be due to the small nature of the MSC. Is that
13	something that you disagree with?
14	A. Yes, so there is two points being made here. One,
15	again, the theme of there is no evidence on pass-on and
16	it is my absence of evidence point. To be fair to
17	perhaps CRA, it is very hard to observe pass-on,
18	especially with public data. I mean, it is hard enough
19	in the current case, as we will no doubt come to, but in
20	the current case at least we have much more detailed
21	evidence from the retailers themselves.
22	I think the way CRA and also Europe Economics looked
23	at it was much more at the aggregate level, and there
24	you cannot it is very difficult to observe either way
25	whether there is pass-on or not.

1	The second point that CRA make here about it being
2	a small cost item and therefore it won't have been
3	passed on, I disagree with.
4	Q. You can put that bundle away and go back to your first
5	report please. This is D3. I would like to go to
б	page 383, I think, paragraph 8.53. I'm looking at
7	paragraph 8.53, page 383 of your first report at D3,
8	tab 3.
9	At 8.53, you say:
10	"There is a large body of literature assessing the
11	extent to which different types of cost change are
12	translated into changes in final prices. In this
13	section I present an overview of this literature to
14	complement the insights presented in the previous
15	sections. I have not been able to identify specific
16	studies that provide a robust empirical assessment of
17	the extent to which merchants passed changes in the
18	interchange fee/MSC onto their customers. In this
19	section, I therefore focus on empirical pass-on studies
20	for other cost items such as VAT and wholesale prices."
21	Now, why did you say that you have not been able to
22	identify specific studies? Is it simply because you did
23	not regard the studies as robust enough?
24	A. Yes. I think that sentence very much refers to that.
25	So there were the Europe Economics and NERA and CRA

22

1	and Iranzo studies. But, yes, indeed, the reason why
2	I say I have not been able to identify specific studies
3	that provide a robust empirical assessment of the extent
4	of pass-on is that. I accept that I should probably
5	have footnoted the fact that I refer here to the studies
6	that I did see.
7	Q. So you do accept that. Why do you on reflection now
8	accept that you should have footnoted a reference to the
9	studies that you have seen?
10	A. Just to clarify my statement here that which is
11	a correct statement I have not been able to identify
12	studies which provide a robust empirical assessment of
13	pass-on.
14	Q. But when you drafted this report, Dr Niels, this
15	evidence was supposed to be given in the High Court.
16	You know that, don't you?
17	A. Yes.
18	Q. And it is now being given to the Tribunal. Do you not
19	believe that it was your duty to refer the court or the
20	Tribunal in your first report to these studies and then
21	set out the analysis that you say was flawed? Do you
22	not consider that you should have been upfront about
23	these studies?
24	A. I think I should have been I think I should yes,
25	I think I should have been clearer about those studies.

1	To put my section 8 in context, there is a lot of
2	bits of evidence that I looked at in pass-on to build
3	the overall picture of what I call the economic
4	presumptions. So I looked at a lot of studies and a lot
5	of empirical studies, and I didn't comment on everything
б	in here. But I accept, having seen now also how all the
7	evidence has been presented in the hearings, that it
8	would have been helpful if I had specifically mentioned
9	the reasons why I didn't think that the studies that we
10	just went to were sufficiently robust to be worth
11	mentioning.
12	Q. If you go on, here at 8.55 you say:
13	"I have reviewed a number of academic papers that
14	estimate the rate of pass-on, provide an overview of the
15	estimate obtained in those papers in appendix A1.
16	I have selected only papers that assess pass-on in
17	retail markets that are sufficiently comparable to the
18	market Sainsbury's operates in."
19	Do you not consider that the retail markets in Spain
20	and Australia were at least sufficiently comparable to
21	the market Sainsbury's operates in?
22	A. Here I made the selection of academic papers. So that
23	is already another selection criteria that I applied.
24	So the other studies in Australia and Spain were not
25	academic papers, or not certainly not published

1	academic papers.	1	been passed on by retailers in Spain and Australia?
2	Q. Then, in 856:	2	A. Yes, that is my view. So these studies inform my
3	"I provide a summary of these studies. Some of them	3	analysis on pass-on because they show how does pass-on
4	relate to retail markets in the UK. I have also	4	in these types of markets work? What sort of pass-on
5	included findings from other countries."	5	rates do you observe.
б	So you are obviously not adverse to taking some	6	Of course this is not my only or even my main
7	analogy from other countries, are you?	7	evidence. I then look also at Sainsbury's specific
8	A. No, because some of these academic studies, like the	8	pass-on behaviour and evidence on also these types of
9	ones for the US, have done a detailed study on pass-on,	9	costs so it is not overly dissimilar. But that leads me
10	for example in certain products in the US, like cars and	10	then ultimately to my conclusion about high pass-on.
11	some agricultural products. And for the reasons that	11	So this literature is informative. If there had
12	I have set out here, I consider that relevant	12	been an academic study on pass-on of interchange fees or
13	information or relevant analysis for what I call my	13	merchant costs, merchant service charges, then of course
14	economic presumption of pass-on.	14	that would have been relevant. But my criterion, as we
15	Q. If we go to page 420, this is the information in	15	discussed earlier, was that there aren't any robust
16	appendix A1 that you are putting forward to the High	16	empirical academic studies on this.
17	Court and now to the Tribunal as to why there is strong	17	MR BREALEY: Just whenever you want to break? I can go for
18	economic pass-on. So:	18	another 10 minutes
19	"This summarises the results of my review of the	19	MR JUSTICE BARLING: You think this is a natural point,
20	empirical academic literature pass-on as discussed in	20	do you?
21	section 8."	21	MR BREALEY: I'm going on to another paragraph, but I can go
22	You go down this, this is at page 420. So this is	22	for another 10 minutes.
23	what you are putting forward to the Tribunal as evidence	23	MR JUSTICE BARLING: We will go a bit longer, thanks.
24	that you are relying on. And you look at it, and:	24	MR BREALEY: We were in appendix A1. Could we go back in
25	"Origin of pass-on, wholesale US gasoline, tax,	25	your report to page 373. This is where, in these pages

1	wholesale prices, tax on alcohol, tax on gasoline, tax	1
2	on cigarettes, tax on alcohol" again.	2
3	I suggest to you, Dr Niels, that a study of pass-on	
4	of interchange fees by retailers in Australia and Spain	4
5	is going to be of greater assistance to the Tribunal	5
6	than some regression analysis of gasoline tax in	6
7	America. Do you not accept that?	7
8	A. No, I disagree because these are all academic studies.	8
9	So there is a certain element of rigour to it. That was	9
10	the criterion that I applied in this bit of my evidence,	10
11	so the existing academic literature on pass-on.	11
12	I did try to select, as I said earlier, markets that	12
13	are reasonably closely related to retail markets. Of	13
14	course I accept these are different markets and also	14
15	different nature of cost changes to those markets, but	15
16	nonetheless, for my overall picture or at least my own	16
17	analysis of what do I conclude on pass-on, I find this	17
18	to be relevant literature.	18
19	The previous studies that we talked about, they are	19
20	not they don't deserve to be in here from the	20
21	applying the criterion of robustness.	21
22	Q. Let's just get it straight, can we? You say that the	22
23	studies that you have relied on, which relate to, for	23
24	example, tax on US gasoline, that study is more relevant	24
25	than the study on whether or not interchange fees have	25

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1	here, you cite various passages by, for example, the
2	European Commission and the retailers all giving the
3	impression, or giving, you say, support for your strong
4	economic pass-on, correct?
5	A. Yes.
б	Q. So at 8.14, you say:
7	"Examples of the Commission's conclusions and
8	reasoning can be seen in the following statements."
9	Then you set out some of the statements, yes?
. 0	A. Yes.
.1	Q. All with a view to supporting the strong economic
.2	pass-on. But you personally, as an expert economist,
.3	I think agree that pass-on has to be considered on
.4	a case-by-case basis, correct?
. 5	A. Yes.
6	Q. I think you also know, you also accept, that the EU
.7	Commission believes that pass-on must be considered on
. 8	a case-by-case basis, correct?
.9	A. I don't know if the Commission believes that in
20	an official manner, but it is I think it is accepted
21	wisdom that you need to assess pass-on on a case-by-case
22	basis.
23	Q. Just to put some context to that, you will need D3 open,
24	but could you go to bundle D2.1, which is
25	Mr von Hinten-Reed's second report, at tab 3.

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regulation?

This is at 464:

1	A. Sorry, which number?
2	Q. It is bundle D2.1, tab 3, and it is page 590. We won't
3	go through it all, but it is paragraph 795 to 799.
4	As I understand it, you are both agreed that pass-on
5	should be assessed on a case-by-case basis? That's what
6	you have just accepted.
7	A. Yes.
8	Q. And here are some of the passages that he has cited as
9	authority for that. One of them is your book, but one
10	of them is 796:
11	"This view is supported by the Commission in its
12	practical guide."
13	And it says:
14	"It is not possible to establish a typical pass-on
15	rate that would apply in most situations. Rather,
16	careful examination of all the characteristics of the
17	market in question will be necessary to assess pass-on
18	rates.
19	"In a specific case, the existence and degree of
20	pass-on is determined by the range of different criteria
21	and can therefore only be assessed having regard for the
22	conditions of the market in question."
23	So you would accept what the Commission is saying?
24	A. Yes, I agree with that.
25	Q. So if you can put him away for the moment and just pick

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1	up bundle E1. At the end, almost at the end there is
2	a tab 22 which is actually a European Commission
3	document, it starts at page 459, dealing with the
4	interchange fee regulations. So dealing with the very
5	thing that we are talking about in these proceedings.
б	Have you seen this document before?
7	A. I can't actually recall this document.
8	Q. There are quite a lot, but let's have a look at it then.
9	A. Yes.
10	Q. Have you read Mr Harman's report?
11	A. Yes.
12	Q. Well, it was exhibit 103 to his report. This is where
13	I got it from: Exhibit 103 to Mr Harman's report. This
14	is a policy brief. We will just flag the pages.
15	So page 460, internal page 2, gives a summary of the
16	problem with interchange fees. Page 461 explains the
17	business stealing effect:
18	"Merchants and consumers are problematic. They
19	didn't have sufficient counterweight to match the power
20	of card schemes."
21	It goes on.
22	Then the next page deals with the solution.
23	Page 463 deals with why the regulation is necessary. It
24	is the last page I just want to draw your attention to:
25	"What are the benefits of the interchange fees

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J	A. IES, Iay
б	Q. If you p
7	8.14 whe
8	this gives
9	inevitabl
10	your evid
11	you have
12	correct?
13	A. You hav
14	weight I
15	is that
16	economi
17	markets

an acquiring bank.
"Consumers overall will benefit. Consumers using
low cost means of payment, such as cash or debit cards,
will no longer subsidise the use of(Reading to the
words) compete on their own merits."
This is the point I want to just refer you to:
"Due to the higher competitive pressure in retailing
than in retail banking, it is likely that cost savings
to merchants will be passed on to consumers through

"Creating a level playing field for interchange fees

will facilitate market entry of new players."

"It will offer better prices to merchants with

benefits for both retailers and consumers. Lower

retailers will pay less and so will be encouraged to

accept card payments. They will also have more

possibilities and be in a better position to choose

interchange fees will ... (Reading to the words)...

- lower retail prices more than the benefits of high
- interchange fees were passed on by banks to their
- 22 customers. However, many factors influence retail
- 23 prices. The pass-through would depend on the retail
- 24 sector considered, the size of the merchant, its use of
- 25 payment instruments and the basket of purchases/basket

1	of goods and convisos being bought by the consumer"
T	Or goods and services being bodgin by the consumer.
2	Again, I suggest to you that is a clear steer from
3	the Commission that you have got to look at this on
4	a case-by-case basis.
5	A. Yes, I agree.
б	Q. If you put E1 away. I hope you would accept so from
7	8.14 where you cite the Commission's statements that
8	this gives the impression that pass-on is almost
9	inevitable, whereas you have just accepted with me in
10	your evidence to the Tribunal that it is not inevitable,
11	you have got to look at it on a case-by-case basis,
12	correct?
13	A. You have to look at it on a case-by-case basis. The
14	weight I gave to all these statements by the authorities
15	is that actually, what I say is in line with my
16	economic understanding of pass-on: that you would, in
17	markets like these, expect high pass-on. But also the
18	other factor that I'm giving weight here is that it
19	has it is very much at the heart of the theory of
20	harm by the authorities, both by the OFT and the
21	European Commission, that interchange fees by loading
22	costs to merchants lead to too many credit cards in
23	society and the economy, and that's a market failure.
24	So competition not leading to the right outcomes.
25	That's very much at the heart of the concern, and

1	the pass-on comments are in line with that. Because we	1	
2	saw that earlier in the documents, the comment about	2	
3	cross subsidy. That is precisely the pass-on comment.	3	
4	So retailers face these higher cost payment systems	4	
5	and then all consumers pay for it because these high	5	C
б	costs are passed on by the retailers to prices.	б	
7	That's the context in which I read these statements.	7	
8	The OFT called it the tax on consumers, so that's	8	
9	another statement in line with this. To me, that is	9	
10	helpful context, but still I agree with the proposition	10	
11	that one then has to also try to look at the evidence in	11	
12	each specific case.	12	
13	Q. If we go to paragraph 8.19, this is after you have	13	
14	referred to the Commission's statements.	14	
15	You say:	15	
16	"Statements made by retailers and by the retail	16	A
17	associations, such as BRC, over the last 15 years paint	17	
18	a similar picture of high pass-on. Again, these are not	18	
19	empirical evidence as such, and I'm aware that card	19	
20	schemes have at times sought to challenge these	20	
21	statements."	21	
22	So:	22	
23	" I am aware that card schemes have at times	23	С
24	sought to challenge these statements."	24	A
25	Just pausing there, you set out in this report,	25	

1	which, as you know, is supposed to be independent,	
2	impartial and of assistance to a court or tribunal	
3	having set out what the Commission is saying, you don't	
4	set out what the card schemes have said and which we	
5	only got to know about because of the specific	
6	disclosure application. Why did you not set out the	
7	statements by Mr Perez and Mr Douglas? Don't you think	
8	this gives a slightly imbalanced view on it when your	
9	own client has been disagreeing with these statements?	
10	A. Yes, I think I have been clear in where I present the	1
11	statements that there are statements from these three	1
12	sources and I don't consider them to be evidence, but	1
13	I consider them to be helpful background. I have also	1
14	made clear that I do put a bit more weight on the	1
15	statements by the authorities because that was very much	1
16	at the heart of their theory of harm, as I explained.	1
17	Also I have explained why I would put a bit more weight	1
18	on the statements by retailers, because at the end of	1
19	the day retailers are probably in a better position than	1
20	the card schemes to judge how they or to give	2
21	an indication how they see pass-on by themselves.	2
22	And part of my consideration here was also that,	2
23	yes, I was aware of MasterCard's statements to the	2
24	contrary, but yes, quite frankly, I thought and we	2
25	saw the evidence that that wasn't very strong	2

1	I thought they weren't very supported statements.
2	But by no means I knew those statements were all
3	in evidence, so by no means I'm trying to create the
4	impression that there are only statements one way.
5	Q. So you have just said, and I think this is consistent
б	with what you said in 8.19, that retailers are in
7	a better position than the card schemes to give a view
8	on pass-on, but you are aware that the card schemes have
9	been they have instructed economists to help them.
0	It is not just the view of the card schemes themselves.
1	I mean, card schemes have instructed and relied on firms
2	of economists.
3	Why is it that retailers are in a better position
4	than card schemes when they rely on views of their
5	economic advisers?
б	A. I think the studies we just looked at, Europe Economics,
7	CRA, they did not have good access to data and therefore
8	could not perform a proper analysis of pass-on. I'm in
9	a different position because of this case, there is much
0	more information from the retailers themselves.
1	So I think I have now been able to do more analysis
2	of pass-on than the previous sets of economists have.
3	Q. But why is it that retailers are in a better position?
4	A. That's, I think, just a general proposition that
5	retailers or the information on how retailers set

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1	prices exists within the retailers. And, indeed, in
2	this case everyone looked at a lot of evidence from
3	Sainsbury's to infer conclusions on pass-on.
4	Q. So if retailers are in a better position than card
5	schemes, would you accept that Mr Coupe and Mr Rogers
6	are in a better position than yourself?
7	A. They are in a good position to comment on from their
8	business perspective. What I have done is to look at
9	the economic analysis and the evidence in the round, and
10	I have drawn my conclusions on pass-on from that.
11	MR BREALEY: It is probably a good moment.
12	MR JUSTICE BARLING: All right, we will have a short break.
13	Dr Niels, you know the form, don't you, about not
14	talking about
15	A. Yes.
16	(11.40 am)
17	(A short break)
18	(11.50 am)
19	MR BREALEY: Dr Niels, could we go please to bundle 3,
20	tab 2. It is not your report, it is the report of
21	Mr Harman. D3, tab 2.
22	It is not your report, it is the report of Mr Harman
23	which starts at page 16.
24	A. Yes.
25	Q. What I would like to go to is section 9. Have you read

1	this section?	1
2	A. Yes.	2
3	Q. Have you discussed his evidence?	3
4	A. To a limited extent. I think Mr Harman and I pretty	4
5	much did our analysis independently, but there was	5
6	certainly communication between us.	6
7	Q. Well, in section 9, as I think you will appreciate, he	7
8	goes through a fairly detailed account of the effect of	8
9	a lower MIF on Sainsbury's costs. Do you accept that?	9
10	A. Yes.	10
11	Q. And so I won't go through it all but just highlight some	11
12	passages. If you go to paragraph 9.4, 106.	12
13	MR JUSTICE BARLING: Is there anything confidential in this?	13
14	MR BREALEY: I am most grateful.	14
15	MR JUSTICE BARLING: Are you going to be able to ask	15
16	questions about it without	16
17	MR BREALEY: This is actually quite important. I'm really	17
18	sorry to the court, the Tribunal, but this is all in	18
19	yellow, isn't it? Yes.	19
20	MR JUSTICE BARLING: Well, a lot of it is in yellow.	20
21	MR BREALEY: It is not going to be the same if I just ask	21
22	Dr Niels to read it and me not make any submissions on	22
23	it well, not submissions	23
24	MR JUSTICE BARLING: You don't think you can conduct your	24
25	questioning, or that Dr Niels can give his answers	25

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1	properly?
2	MR BREALEY: No. I honestly would say yes if I could, but
3	I really I'm going to get to the meat, I'm going to
4	go to a document in a minute, for example, which is all
5	yellow.
6	MR JUSTICE BARLING: I'm sorry, then, for those not in the
7	confidentiality ring. We will take the notice off the
8	door as soon as we possibly can.
9	This is Sainsbury's confidential material. There
10	may be people who are not able to hear MasterCard
11	material but are able to hear Sainsbury's. I don't know
12	whether that applies to anyone here.
13	(11.53 am)
14	(End of open session)
15	(Beginning of yellow confidential session - REDACTED)
16	(12.45 pm)
17	(End of yellow confidential session)
18	(Open session)
19	MR JUSTICE BARLING: Could we take the notice off the door.
20	MR BREALEY: Dr Niels, if you go to tab 7, the
21	bundle page 856, 21 at the top right.
22	A. Yes.
23	Q. I referred Mr Abrahams to the "make Sainsbury's great
24	again" initiative that kicked off just as he was
25	leaving. Have you read this transcript?

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1	A. I think I read it at the time. Where are you on the
2	transcript?
3	Q. Sorry, page 856, top of 856:
4	"Great food at fair prices supported by strong
5	promotions."
6	A. Yes.
7	Q. We don't need to go to it, but he said:
8	"Answer: As I say, I was aware of the general
9	initiative
10	"Question: Would you, reading that, accept that
11	improving customer offer would essentially include
12	quality, service and price
13	"Answer: Well, it doesn't say quality, service and
14	price."
15	l asked again:
16	"Question: What would you understand by that?"
17	He said:
18	"Answer: Quality, service, price, availability, all
19	of those different things."
20	Just pausing there.
21	Do you accept what he is saying there, that that's
22	what supermarkets do: they compete on quality, service,
23	price, availability all of those different things?
24	A. Yes, I agree with that proposition.

Q. Then if we could go to page 27, which is top right, 862

1	bottom right.
2	So you remember that what Mr Abrahams was talking
3	about is that lower interchange fees can go into prices.
4	It can go into marketing. It can go into promotions.
5	Yes?
6	A. Yes. From those previous paragraphs, actually, I found
7	those paragraphs to be kind of consistent with my
8	economic assumption of high pass-on given the dynamics
9	he describes there.
10	Q. Okay, we will come on to that then.
11	"Question: So what would marketing involve? Can
12	you assist the Tribunal, what is involved what type
13	of marketing would you be observing?"
14	If you could read that.
15	"Answer: It could be anything from new ranges being
16	launched in the stores. It could be new ways of
17	rewarding customers, it could be advertising on the
18	television, radio, papers. It could be any of those
19	things."
20	Let's just pause there.
21	Now, here we are talking you say in your report,
22	what would happen if Sainsbury's got 20 million less in
23	interchange fees? What is it going to do with?
24	In your report you say the exam question is: would
25	that 20 million go into lower prices? That's what you

1	are trying to ascertain, isn't it?	1	compete on many dimensions, price is a very important,
2	A. Yes, my analysis focuses mainly on pass-on into price	2	if not the main, or probably the main dimensions at the
3	levels, yes.	3	end of the day.
4	Q. What you are saying is that if you can show that prices	4	MR JUSTICE BARLING: It would be a pretty odd situation,
5	would have been lower, what you are saying is that if	5	wouldn't it? Or would it? I don't know. No, sorry,
6	the interchange fees had been higher, then the prices	б	that is not a fair question to put to you. It's not
7	would have been higher?	7	a fair question. It is not appropriate for
8	A. Yes.	8	an economist.
9	Q. So we see that Mr Abrahams has said, well, what will	9	MR BREALEY: But again, it may be that you can't assist the
10	happen if you get a decrease in interchange fees and	10	Tribunal and economic theory doesn't help, but if there
11	I'm asking them this we will come on to it in	11	had been a positive decision in the light of increased
12	a moment, but let's just pause there.	12	interchange fees this is a hypothetical now to cut
13	If Sainsbury's took that 20 million and had a new	13	the quality of a certain product, so you were getting
14	television advertising campaign, didn't put it into	14	premium beef from Aberdeen and now you are getting it
15	lower prices and had a 20-million advertising campaign,	15	from somewhere else, but you have cut the quality of the
16	is that pass-on in your view?	16	product. Now, the customer hasn't got the quality that
17	A. Again, I think that's an interesting question. I am not	17	it used to have, but you cannot say that the customer is
18	sure actually if I can give a view on that, give	18	bearing the financial burden of that higher interchange
19	a comment on that.	19	fee. The person who has suffered is the farmer, if
20	Q. Well, you are here to assist the Tribunal, Dr Niels.	20	anything.
21	A. Yes.	21	A. I think you can say that because price and quality are
22	Q. This is actually a key point. I mean	22	just two aspects of a product. You can raise price or
23	A. But I'm saying this because it is partly probably	23	you can lower quality. In essence, the consumer suffers
24	a legal question, as we discussed before, what is	24	in the same way. Economic theory can say something
25	pass-on. So instead of In this case, a lower cost we	25	about that.

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1	are talking about. So instead of lowering your price,
2	which would be pass-on, you spend it on marketing. So
3	it is the question, again, who bears the burden or who
4	gets the benefit in this case.
5	I can't really say whether that's whether one
6	would consider that to be pass-on. I think if
7	marketing is probably more difficult than other costs,
8	as I mentioned earlier. Economics can still say
9	something about the effect of consumers of quality. So
10	some of these other dimensions of competition between
11	supermarkets. So quality, if, as a result of the extra
12	money available, I don't know, Sainsbury's invested in
13	making the shop look really nice, then in an intangible
14	way consumers benefit from that as well. So that would
15	be actually a way of pass-on to consumers. For
16	marketing I think it is just a bit less clear.
17	Q. So
18	MR JUSTICE BARLING: Economic theory doesn't help really on
19	that?
20	A. Not much. Only to the extent that relationships between
21	cost and prices and other factors that consumers look at
22	like quality. Up to that point it can help.
23	So one reason why I have focused on price in my
24	analysis is that that is the realm of economic theory.
25	The other reason though is that while supermarkets

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If, instead of your beef costing -- instead of the price of your beef going up, as in the example, it is actually now lower quality beef or maybe a reduced quantity or whatever, that is a detriment to the consumer. And therefore, that is a way for the supplier in this case to pass on the cost increase, because presumably lower quality means cutting costs.

So rather than shifting the price up or putting the price up, it reduces its cost by providing that same consumer lower quality. That would, according to economics, still be pass-on.

Q. It may be a question of law, but I put it to you if the rationale for pass-on is unjust enrichment, and we established that pass-on concerns the financial burden, so if you reduce the quality where is the customer bearing the financial burden of that? Where is the customer paying the overcharge to the retailer?

A. It is paying it in qualitative terms. So the company, rather than pass-on the higher cost to higher prices, has maintained its financial position by just cutting corners or cutting costs and offering lower quality meat. The consumer pays for that, in this case in intangible ways.

So this is where you can't quantify it directly in financial terms, but it is a burden that has been passed

1	on to the consumers.
2	Q. But not a financial burden?
3	A. Unless one were to quantify the detriment in quality,
4	which sometimes economists can also try to do.
5	Q. But in monetary terms it is not a financial burden?
6	A. Correct.
7	Q. Correct. There is no transfer of money from the
8	customer to the retailer, correct?
9	A. Correct.
10	MR BREALEY: I think that is a very good place to stop.
11	MR JUSTICE BARLING: Is it?
12	MR BREALEY: Yes.
13	MR JUSTICE BARLING: Right, we will see you again at
14	2 o'clock.
15	(1.00 pm)
16	(The short adjournment)
17	(2.00 pm)
18	MR BREALEY: I think we are in open court.
19	MR JUSTICE BARLING: Yes, we are.
20	MR BREALEY: Good afternoon, Dr Niels. Moving on to
21	something new: exemption. Do you accept the need for
22	robust and convincing evidence for the application of
23	article 101(3)?
24	A. Yes, I think that is always desirable. If you have
25	robust and convincing evidence.

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1	Q. I asked whether there was a need and you said
2	"desirable". I do not think there's anything between
3	us. There is a need, isn't there?
4	A. Well, as an economist I would say as robust as one can
5	do with available data. The need itself, that I think
6	is a legal question.
7	Q. Okay. On the legal question, if you can go to E1, it is
8	a legal consideration as to the threshold that your
9	report has got to satisfy. E1, tab 15, which is the
10	General Court. Again, you participated in various
11	proceedings I think you said earlier on. I think you
12	were acting for the Royal Bank of Scotland or for
13	MasterCard or
14	A. Yes, Oxera advised the Royal Bank of Scotland.
15	Q. And they intervened in these proceedings?
16	A. Yes.
17	Q. It is E1, tab 15. If you could go to page 343.
18	Because, as you probably know, this was a ground of
19	appeal, a complaint by MasterCard that the Commission
20	had adopted too high a burden for MasterCard to prove
21	exemption. Is that correct? Do you remember that?
22	A. I don't remember the details of that.
23	Q. At 343, the second plea, infringement of article 1(3),
24	you can just read 194, 195. Then, when we get to 196,
25	you see the General Court saying:

1	"The undertaking or association of undertakings
2	claiming the benefit of article [what is now 101(3)] is
3	to bear the burden approving that the conditions of that
4	paragraph are fulfilled."
5	So that is the burden of proof.
6	Now we have the standard of proof:
7	"Consequently, a person who relies on article [what
8	is now 101(3)] must demonstrate that those conditions
9	are satisfied by means of convincing arguments and
10	evidence."
11	So convincing arguments and convincing evidence.
12	A. Can you just guide me, which paragraph you are on?
13	Q. I'm sorry, 196.
14	A. Yes.
15	Q. So convincing evidence. That is the standard that the
16	General Court has set out, that both well, the burden
17	of proof of course is on MasterCard, correct?
18	A. Yes.
19	Q. And so your report, which is essentially the evidence
20	that MasterCard is putting before the Tribunal, must
21	adduce convincing evidence. Is that the standard that
22	you have tried to attain?
23	A. Yes. Well, I always try that my economic analysis is as
24	robust as possible, and therefore hopefully also as

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convincing as possible.

1	Q. You can put E1 away if you want. You know that 101(3)
2	has four conditions?
3	A. Yes.
4	Q. You refer to them in your report?
5	A. Yes.
6	Q. I just want to see how you have approached these four
7	conditions. If you go to bundle E2.2, tab 11. This is
8	the Commission's decision. It is page 1186 I would like
9	to go to. 1186. This relates to the first condition.
10	Have you familiarised yourself with what I'm going
11	to take you to, 670, 671 and 672? Would you like to
12	just read through that. This is pretty standard stuff
13	when it comes to what you have to show on the first
14	condition of 101(3). So if you want to familiarise
15	yourself with it and then I can
16	A. No, I'm it is standard, yes.
17	Q. It is standard, isn't it?
18	For example, in paragraph 670, you see it says:
19	"Firstly, it follows from the case law of the Court
20	of Justice that only objective benefits can be taken
21	into account. This means that efficiencies are not
22	assessed from the subjective view of the parties."
23	That is, as you accept, standard?
24	A. Yes.
25	Q. That's what the European Court dictates:

1	"Cost reductions that do not produce any	1	group it all together, say they are all satisfied, but
2	pro-competitive effects on the markets (Reading to	2	without going through whether it improves efficiency,
3	the words) profits are therefore irrelevant from the	3	fair share, whether it is indispensable. You take that
4	point of view of article 101(3)."	4	criticism on board, do you?
5	You have accepted that what this said at 671 is	5	A. I think I try as much as possible also to put it in
6	standard.	б	those four conditions, so the fair share, the
7	Can I just go to 672, which again, is in the	7	efficiencies. And there is evidence on fair share that
8	guidelines, as we will see in a moment:	8	I discuss at length, and the efficiencies. But
9	"All efficiency claims must therefore be	9	ultimately, I think both experts then try and even
10	substantiated"	10	the Commission, actually, when it comes to okay, well,
11	And I put in brackets:	11	there is now a practical method to get an exemptable
12	" (by convincing evidence) so the following can	12	level of MIF, have to come up with some sort of proxy
13	be verified."	13	method, some rough method to an acceptable method to
14	This is what you have to show as an exemption for	14	determine the exemptable level of MIF.
15	the first condition, you have to show the nature of the	15	At that stage, yes, the refinements of where are
16	claimed efficiencies, correct?	16	each of the four conditions, they are not that clear any
17	A. Yes.	17	more. But I have in my report also tried to discuss the
18	Q. The link between the agreement and the efficiencies,	18	four conditions individually.
19	correct?	19	Q. But when you refer to the proxy, I take it that you are
20	A. Yes.	20	not excusing yourself from adducing robust and
21	Q. The likelihood and magnitude of each claimed efficiency,	21	convincing evidence of the satisfaction of the link, the
22	correct?	22	magnitude and all the things we have just gone through;
23	A. Yes.	23	that is correct, isn't it, or is it not correct?
24	Q. And how and when each claimed efficiency could be	24	A. It is correct, I'm not excusing myself. I think there
25	achieved, correct?	25	is a link because both methods have inherent in them

1	A. Yes.	1
2	Q. Have you attempted to satisfy all those conditions when	2
3	drafting your report on article 101(3)?	3
4	A. I have attempted it and I think there is convincing	4
5	evidence of the efficiencies that credit card schemes	5
б	bring and that the MIF brings, because the MIF is what	6
7	allows credit card schemes to exist and to remain	7
8	competitive and to be more competitive vis-a-vis other	8
9	payment systems.	9
10	That is the nature of the efficiencies in	10
11	a nutshell. So I have tried to review the evidence and	11
12	put forward the evidence that is available on that.	12
13	There is I think, as also in other cases, there is	13
14	only so far that one can go with economic analysis in	14
15	very precisely quantifying or analysing the four	15
16	conditions, so these conditions and also the others.	16
17	Therefore, the bulk of my analysis under the exemption	17
18	condition is about the acceptable methods to determine	18
19	an exemptable level of MIF, so the cost base and the	19
20	MIT the cost base method and the MIT. I accept that	20
21	those methods do not directly, but I think they do	21
22	indirectly, but do not directly address each of these	22
23	conditions in such a logical step as is set out here.	23
24	Q. That is one of the criticisms, as you know, that	24
25	Mr von Hinten-Reed makes, which is that you kind of	25

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I mean, they are not just methods plucked out of the
air. They both have inherent justifications for them in
terms of efficiencies, the first condition, in terms of
fair share, the second condition as well. So they are
not completely divorced from the four criteria.
The two methods, I would say that is where most of
the robust evidence has come in from both sides'
economists. But they can be translated into the or
translated back into the four conditions.
Q. But you have not analysed the four conditions
separately?
A. I have in my report analysed the four conditions, one by
one, before going into the two proxy methods. That's in
section 4 of my report.
Q. That, with respect, is a general description of what you
are doing, rather than setting out one by one how each
methodology satisfies each of the four conditions, which
is a general introduction.
A. I think it is more than an introduction. It sets out my
key arguments. It is also in the joint statement.
I have summarised the key arguments as to why I think
each of the criteria is met. But I do accept that once
I discussed the two methods, so it is in sections 5
and 6 of my report, I don't go back to the individual
conditions. Because at that stage I think I have taken

1	the approach that also the European Commission had
2	taken: there is an exemptable level of MIF and now let's
3	try to come up with a sensible method that would
4	approximate that exemptable level of MIF in line
5	therefore with the four criteria.
6	Q. Staying with the first condition, I think we may need
7	E2.2. I can't promise it, but I'll put it to one side
8	for the moment. Could you pick up bundle E1, because
9	I want us to stay with this first condition for
10	a moment. I would like to go to E1.19. This is in the
11	context of the evidence you just gave. It is E1, tab 19
12	at 436, and it is paragraph 232. Again, I would hope
13	you are familiar with this because of the evidence you
14	have just given.
15	A. Sorry, paragraph which number?
16	Q. 232, page 436 of the bundle. 232. This is the ECJ, the
17	main Court of Justice:
18	"In the present case, it was open to the
19	General Court to find in paragraph 120 without erring
20	that the MIF was not objectively necessary for the
21	operation of the MasterCard system. In the light of
22	that conclusion, the General Court also correctly
23	concluded in paragraph 207 of that judgment that
24	analysis of the first condition laid down in
25	article 81(3) called for an examination of the

1	appreciable objective advantages arising specifically
2	from the MIF and not from the MasterCard system as
3	a whole.
4	"It follows from this that the argument of the
5	General Court wrongly ignored the advantages to
6	cardholders resulting from the MasterCard scheme cannot
7	be accepted."
8	I just emphasise the point, the first condition laid
9	down in 101(3) called for an examination of the
10	appreciable objective advantages arising specifically
11	from the MIF.
12	Now, is that something that you have attempted
13	to do?
14	A. Yes. In my report, my analysis, my logic is very
15	much and I described this in detail in sections 2 and
16	then section 4 my analysis very much is that without
17	a MIF you wouldn't have four-party card schemes, or they
18	would not be as competitive or as successful as they are
19	today.
20	Therefore, in my logic, the benefits, the
21	efficiencies that come from having four-party schemes
22	but also having competition between schemes, so those
23	efficiencies can be attributed to the MIF. I think I'm
24	quite clear on that in my report.
25	Q. Again, I'm just referring to the evidence you gave a bit

1	continuon urbich lod monto this urbon Loskod your
T	earlier on which led me to this, when I asked you:
2	"Have you attempted to satisfy all those conditions
3	when drafting your report on article 101(3)?"
4	You said:
5	"Answer: I have attempted it and I think there is
б	convincing evidence of the efficiencies that credit card
7	schemes bring and that the MIF brings, because the MIF
8	is what allows credit card schemes to exist"
9	What actually is your evidence relating to the MIF
10	specifically?
11	A. So in section 2 I have set out extensively the basic
12	principles of two-sided markets, of four-party card
13	schemes, and in my opinion very much it is the MIF that
14	allows four-party card schemes to be competitive and to
15	exist.
16	So the logical step in my mind is clear, that
17	without a MIF you wouldn't have so much competition
18	inter-scheme and you wouldn't have four-party card
19	schemes to the same extent.
20	Therefore, the efficiencies that come from card
21	schemes, and the various efficiencies, and you know
22	there are a number, can be therefore attributed to the
23	MIF. That is my opinion. And I have been clear on that

- in section 2 and also in the joint expert statement.
- Q. Let's just tease this out a bit. Clearly -- and you

1	were part of the interested party, so you were part of
2	the Royal Bank of Scotland team, as I understand it.
3	Clearly, MasterCard, and as I imagine the
4	Bank of Scotland, were arguing that the scheme created
5	efficiencies, and that was rejected. So what was the
6	argument that was being advanced there? In other words,
7	what is the difference between efficiencies from the
8	scheme and efficiencies from the MIF? There seems to
9	have been a massive point of principle here.
10	A. I'm not sure exactly what was argued. I'm also not sure
11	if what you were saying was followed, that the
12	efficiencies were rejected. I think what I read in here
13	is that one does or the court says one does need to
14	distinguish between the efficiencies of the MasterCard
15	scheme as a whole and the efficiencies of MIF.
16	In my mind, in my analysis, those two you cannot
17	distinguish because it is the MIF that allows the
18	MasterCard scheme to thrive in the first place.
19	Q. In other words, the argument was the scheme produces
20	benefits, efficiencies. That was rejected. But you
21	say, well, I have looked at the MIF because the MIF is
22	necessary for the scheme and the scheme produces the
23	benefits? Is that how it goes?
24	A. You are saying the argument that the scheme produces
25	benefits was rejected?

1	Q. Was rejected.
2	A. Sorry, I had not understood that. I don't read that in
3	here, unless I'm mistaken.
4	Q. Let's look at it again:
5	"The General Court also correctly concluded that
б	analysis of the first condition laid down in
7	article 101(3) called for an examination of the
8	appreciable objective advantages arising specifically
9	from the MIF and not from the MasterCard scheme as
10	a whole."
11	That is exactly what the Commission said in its
12	infringement decision. You have got to look at how the
13	MIF creates the efficiency gain. It is not good enough
14	just to say that cards are of a benefit.
15	A. Yes, I see that. But what it doesn't say here is that
16	the court or the Commission rejected the fact that the
17	scheme itself had benefits.
18	I think what I'm reading here is that it says here
19	that that in itself, the fact that the scheme has
20	benefits, is not enough. You need to look at the
21	specific benefits of MIF.
22	But I can't see the question put to me has been
23	twice that the fact that the scheme has benefits has
24	been rejected here. I just don't read that in here.
25	Q. Dr Niels, we are certainly not saying that a payment

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1	card scheme does not produce benefits. It produces
2	benefits to all of us. They are a fantastic thing. But
3	that doesn't mean to say that the fact that the scheme
4	produces benefits, that MasterCard gets home on
5	article 101(3). Because I'm trying to establish with
6	you and ask whether you have done this, whether you have
7	analysed whether the MIF itself has produced the
8	efficiencies that you claim in your report. Have you
9	gone down to that level of granular
10	A. Yes. So I think I would agree that the scheme produces
11	benefits. They are a great thing, credit cards.
12	From my analysis it also follows you wouldn't have
13	all those benefits because you wouldn't have the scheme
14	without a MIF. Four-party schemes, first of all,
15	wouldn't have existed in the first place without any
16	MIF, as you can read in the fascinating history of
17	schemes in the Baxter article. But also more recently
18	and in the current environment, I have shown in my
19	analysis, in my report, that without the MIF certainly
20	MasterCard wouldn't have been able to compete with
21	three-party schemes and other payment methods.
22	So it is the MIF that allows four-party schemes to
23	be competitive. I have discussed that also in detail in
24	section 2 where I go back to the basics of interchange
25	fee and two-sided markets in competition between

schemes.

2	In a nutshell, in two-sided markets like payment
3	cards you get this skewed pricing structure. So there
4	is a pot of money to be earned on the side of merchants
5	and that then grows the scheme because you can give
6	a good deal to cardholders so you grow. Amex does that.
7	A four-party scheme does it, but the only way
8	a four-party scheme can do it is by having this internal
9	transfer. I know this also veers into the discussion on
10	article 101(1), objective necessity, but from
11	an economic perspective, to me that is quite a clear and
12	convincing logic.
13	Q. But just to kind of nail this one down, does
14	article 101(3) call for an examination of the
15	appreciable objective advantages arising specifically
16	from the MIF and not from the MasterCard system as
17	a whole? Do you want me to say that again?
18	A. I think what you have just read out is the legal test,
19	and I have no reason to disagree with that.
20	Q. Right. That's the legal test. Is that the test that
21	you have tried to comply with?
22	A. Yes, I have tried to comply with that test and generally
23	with the various legal tests under 101(3). But as
24	I said earlier, there is only so far that you can go
25	with the economic evidence in terms of precise analysis,

1	precise of each of the criteria under 101(3). And
2	therefore at some stage I have discussed them one by
3	one, but at some stage I have taken the same approach as
4	the Commission and tried to come up okay, what is the
5	question, what is a good method of an exemptable level
6	of MIF? And that's where the bulk of my analysis
7	under 101(3) has taken place.
8	MR SMITH: Dr Niels sorry to interrupt, Mr Brealey you
9	said several times now that it is the MIF that allows
10	credit card schemes to exist and to remain competitive.
11	Why is it that one needs a default rate? Let's assume
12	for the moment that some sort of price is necessary for
13	the scheme to operate. But why can't that be
14	a bilaterally agreed price?
15	A. Yes, I think well, that is a very good question.
16	Possibly also well, a big theme and a long answer,
17	but I try to keep that short.
18	I think in my logic as I said, two-sided market,
19	you want to charge a bit more on the merchant side and
20	a bit less on the cardholder side because that's the
21	optimal. Let's say for the sake of argument that that
22	optimises the size of this scheme. So Amex does that
23	without any need for a MIF. In a four-party scheme you
24	do need a MIF. The four-party scheme is organised such
25	that when producing the activity of the scheme, certain

1	costs fall on the issuers. That's by scheme design. We
2	have been through that in the evidence.
3	So some of those costs fall on the issuing side. At
4	the end of the day, when you have if you still look
5	at the scheme as a whole, you have got revenues on one
6	side and costs on one side and revenues and costs on the
7	other side. As if to make the scheme work, you want
8	a transfer between the issuing and the acquiring side.
9	So an interchange fee, I hope that's reasonably clear,
10	is required, some transfer.
11	The next question is, okay, can you do that
12	bilaterally or multilaterally? I think there are
13	several advantages over multilateral. First of all, it
14	is the transaction cost side of things. So if you have
15	many acquirers, many issuers, it is much easier to do it
16	at the scheme level. It saves transaction costs. In
17	particular for international schemes that has been a big
18	factor.
19	But also, and this is perhaps a more detailed
20	discussion and a big theme under article 101(1),
21	bilaterals you have that inherent problem, as has come
22	up before, of this issue of so bilaterals without
23	default MIF. You have that problem of the hold up, or
24	hold out, or a Cournot complements problem.
25	I can go into details on what the problems of that

1	are, but in a nutshell that is not very attractive and,
2	if anything, leads to even higher interchange fee
3	levels. That's why the preference in most systems, even
4	from a commercial perspective, has been a multilateral
5	arrangement.
6	MR SMITH: Thank you. I understand the hold-up argument and
7	I am sure Mr Brealey will come to it.
8	MR JUSTICE BARLING: Following on from that, you do explain
9	in your report, I think, you certainly discuss it in
10	your report, but why do you say in simple terms why
11	would it be necessarily be higher? Presumably what we
12	are envisaging here, someone is not having a MIF for
13	whatever reason, whether regulation, so imagine the
14	scheme without a MIF and others have a MIF, or the
15	three-party scheme have something equivalent, so you
16	have that imbalance there. And that's the background to
17	what Mr Smith's question raised, was a question of
18	a negotiation.
19	You say, well, that negotiation, economic theory
20	suggests, would lead to something higher than whatever
21	the MIF would have been?
22	A. Yes.
23	MR JUSTICE BARLING: What is the reason for that?
24	A. Back to basics on that and so most economic theories
25	would agree that if you have no multilateral, so just

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1	bilateral, so no default, you get negotiations.
2	In those negotiations the logic is that
3	an acquirer with the honour all cards rule, which is
4	another important aspect of a four-party scheme, with
5	the honour all cards rule once the payment has been made
б	at the merchant and that merchant's acquiring bank then
7	has no option but to clear the payment with the issuing
8	bank. It is at that stage that each issuing bank has
9	a degree of market power, of monopoly power. It is
10	perhaps the equivalent of the holder of a patent that
11	you can't go round.
12	Economic theories say in that situation every
13	individual issuer would try to extract a bit of
14	that market power and therefore would negotiate
15	an interchange fee that would be higher than what it
16	would have been in the multilateral setting.
17	There are some follow-up questions that have come up
18	in this case like, okay, does that lead the scheme to
19	collapse or not? And thirdly the next follow-up
20	question is: does a scheme therefore have to do
21	something, like this ex-post pricing prohibition? I am
22	sure we will come to that later, but the basic logic is
23	it is this hold up, this market this individual
24	market power by individual issuers at the point of the
25	acquirer not having a choice but to deal with that

1	issuer to clear the payment.
2	MR SMITH: It may be a question of law on which we will be
3	asking the parties' assistance, but suppose on the
4	proper operation of the MasterCard scheme the issuing
5	bank can't make a deduction to the monies that it remits
6	to the acquiring bank without agreement. In other
7	words, if there is no agreement the payment is nil. In
8	other words, there is no hold-up.
9	If that's the position, and I underline the "if",
10	then all you are saying about the difficulty with the
11	bilateral "ifs" is that they involve transaction costs,
12	there is no other disadvantage?
13	A. Yes, that is right. If a rule like that existed, then
14	that's true. Then this market power would be
15	constrained in a way.
16	Now, the difficulty I have with such a rule is that
17	it is effectively saying it is also a restriction.
18	It is effectively saying the interchange fee has to be
19	zero. And it would again be a centrally imposed rule in
20	my mind.
21	MR JUSTICE BARLING: But if that was the result of the
22	negotiation, if you had that rule but you had
23	negotiation as well, you still have the possibility of
24	bilateral agreement, then everyone, on what MasterCard
25	says, just migrates to the one that pays the MIF. You

1	have zero MIF in one, you have ordinary MIFs in another.	1
2	But is that necessarily something that would have no	2
3	effect in a negotiation? Do issuers want that? Why	3
4	aren't issuers willing to pay something to avoid that if	4
5	they would otherwise?	5
б	A. Yes, I think so	6
7	MR JUSTICE BARLING: So why aren't acquirers willing to?	7
8	A. So you are positing a situation where there is this rule	8
9	that you can't the issuer can't impose a charge or	9
10	deduct anything but you can do a bilateral.	10
11	I think no issuer would have any particular	11
12	incentives than to try to or let's put it first the	12
13	acquirer. The acquirer wouldn't have any particular	13
14	if the acquirer can get a zero MIF on an interchange fee	14
15	in essence because of that rule, the acquirer wouldn't	15
16	have any reason to then enter into the bilateral	16
17	negotiation and say, well, do you want to bid more than	17
18	zero?	18
19	MR JUSTICE BARLING: The issuer would have a strong	19
20	A. The issuer has an incentive, but if the acquirer doesn't	20
21	then you don't necessarily get	21
22	MR JUSTICE BARLING: Then the acquirer ends up paying the	22
23	MIF. They go to the wall and the acquirer ends up	23
24	paying the MIF of the people who have a MIF. Wouldn't	24

25 they realise that and think, well, we have got to pay

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1	something? Wouldn't that lead to possibly a lower, but	1
2	still	2
3	A. I'm not so sure because I think from the issuer's	3
4	perspective, the easiest thing would be to go to another	4
5	scheme where, actually, you do get a MIF. So having	5
6	it is not very attractive for the issuer either to	б
7	MR SMITH: Dr Niels, aren't you assuming that effectively	7
8	the acquiring banks are negotiating on behalf of the	8
9	merchants because the interchange fee is passed down the	9
10	line, we all understand, to the merchants and it is they	10
11	who bear the cost?	11
12	So although the negotiation of the interchange fee	12
13	would be between issuing and acquiring banks,	13
14	effectively the acquiring banks would be responding to	14
15	pressure from merchants to have a low or zero	15
16	interchange fee. Would that be fair?	16
17	A. In that situation, yes.	17
18	MR SMITH: Now, we have all agreed, we have heard Mr Brealey	18
19	say this, that this card schemes are wonderful things.	19
20	Presumably merchants and therefore, through them,	20
21	acquiring banks would be appreciative of the advantages	21
22	of the schemes and the benefits of schemes. And	22
23	wouldn't it be a little bit irrational of them simply to	23
24	say, well, no, we are not going to negotiate, we will	24
25	only have an interchange fee of zero? Why would they do	25

that?

2	A. Well, irrational or not, there's something about the
3	collective, whether each individual incentives versus
4	what they would collectively be the best outcome. Also
5	I can't see this hypothetical where you have
б	a negotiation, but one side so the issuing side has
7	effectively their hands tied behind their back because
8	they can't impose the default remains a zero.
9	Because that's your hypothetical position, isn't it?
10	MR SMITH: Yes, my hypothetical is there is no MIF
11	effectively.
12	MR JUSTICE BARLING: Or zero MIF.
13	MR SMITH: So if there is no MIF it is zero. So unless
14	something is agreed one way or the other, the issuing
15	bank gets nothing. That is the assumption.
16	A. Yes. So I think individually no acquirer would really
17	be so enlightened to say, well, we do want this scheme
18	to survive especially if there are competing schemes out
19	there. So I'm going to be a bit more generous and allow
20	this particular issuer to charge more than zero if I can
21	actually get away with zero. I can't see
22	MR JUSTICE BARLING: The issuers would want a payment
23	because they don't necessarily want to immediately so
24	they would want a payment and they would want as much as
25	possible. The acquirer would have muscle because he

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knows the MIF is zero, so the acquirer has some -- but the acquirer would surely realise, and so would his merchants, that if he pays nothing, then on MasterCard's argument you have the cliff, they fall off the cliff and all the market share goes to the one that keeps a proper MIF. Surely that's highly undesirable also for merchants because they are no better off? Whereas if the acquirer agrees to pay something, albeit not necessarily as high as the other MIFs in the

market, who knows, but leave aside the question of whether they have to pay more than (inaudible) in the market, but it seems to me it is an odd thing. You are saying they pay more in one sense, and then you say they will be able to get away with paying nothing, which means that that disappears and they end up paying Visa or Amex who may have a higher MIF.

I just find it -- I struggle too to understand this game play.

A. It is an interesting question. I think the difference must be in what an individual acquirer has an incentive at the moment versus collectively what would be good for all of them.

I agree collectively they may think if we all are too harsh then this particular payment scheme may collapse, and therefore we are worse off. But I don't

1	think individually when an acquirer does this
2	negotiation in that setting will be so enlightened
3	because the acquirer will think, I can either get zero,
4	which means very low interchange, which means I can give
5	a good deal to my merchant, or it can think, no, if
6	I pay a bit more then the scheme will survive and
7	therefore me and all my rivals are better off.
8	I haven't thought it through in detail, but I
9	think
10	MR JUSTICE BARLING: There are only half a dozen of them,
11	aren't there?
12	A. Sorry?
13	MR JUSTICE BARLING: There are only half a dozen rivals.
14	It's not as though we're dealing with a huge mass of
15	people.
16	A. They are fierce rivals, so what is collectively good for
17	them is not necessarily what they would be driven by
18	when they negotiate individually.
19	I think somehow I feel that the key is there. It is
20	a bit actually the flip side of the bilaterals
21	situation, the situation where the issuers do have some
22	bilateral market power without the multilateral
23	interchange fee. Again, the logic of the models is,
24	individually, those issuers would actually price very
25	high, but collectively they might think but if we all

1	price too high then, like patent holders, for example,
2	if we all price too high then we collapse our own
3	scheme.
4	So there is that it is a bit of a mirror image of
5	that.
б	MR SMITH: Let's assume one of the big acquirers as the
7	Chairman has said, the market seems to be quite
8	concentrated, there are about six large acquiring banks
9	if MasterCard's table is to be followed and we have
10	a negotiation between an issuing bank and an acquirer,
11	and the issuing bank is saying you have got to pay me
12	something, I would like a positive interchange fee with
13	money going my way. Of course you are right, the
14	acquirer could say no, it is in my interests to offer my
15	merchant's the lowest price and so I want to cut the
16	interchange to zero.
17	Wouldn't an acquiring bank have two thoughts at this
18	stage? One would be the Chairman's point, that issuing
19	banks can simply drift away to Visa from MasterCard and
20	MasterCard effectively collapses as a scheme and the
21	period of zero MIFs is a short and perhaps happy one,
22	but very short. So in a sense one is destroying
23	competition in the market for a very short-term benefit.
24	There's that consequence, which acquirers would have in
25	mind.

1	Secondly, wouldn't there also be an impetus on
2	MasterCard to cut back some of the benefits that
3	merchants receive through the operation of the card
4	system? I'm thinking in particular of the guarantee of
5	payment in the case of fraud or where the account holder
б	doesn't have enough money in his or her account, these
7	benefits. I'm leaving on one side things like the
8	30-day credit, but that too could be regarded as
9	benefit. You would get a scaling back of the scheme.
10	Again, isn't that something that an acquiring
11	sophisticated bank would bear in mind?
12	A. Yes. So we are talking here actually about a scheme
13	that is potentially quite so quite different from the
14	existing one. So we have made a few changes. So there
15	is this zero default. The default interchange fee is
16	zero so you can't charge. I'm still struggling a little
17	bit with that one, what the benefits of that would be.
18	But let's say if that were the rule, I do still think
19	that the individual acquirer would in individual
20	negotiation because the zero is there for grabs.
21	That is the default. No effort required. I do not
22	think any acquirer individually would be so generous as
23	to think to the greater good of everyone for the

to think to the greater good of everyone for the

24 survival of the scheme.

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Partly	there is a	bigger	question	of okay, v	vhat's
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1	the acquirer's incentives here in the first place, but
2	the acquirer is usually acquiring a multiple scheme.
3	They offer payments for multiple schemes. So this
4	choice the competition between payment schemes, the
5	competition between, say, MasterCard, Visa and Amex is
6	much starker at the issuing level where issuers have to
7	make a choice: do I issue this or do I issue the other?
8	So in terms of incentives, the incentives are
9	MR JUSTICE BARLING: Some issue both, don't they, or
10	several?
11	A. They do, but then they can switch. This bit of
12	customers gets Amex and these get they do have both.
13	But on the issuing side, the question "Which scheme do
14	I prefer" is much more a live question than for
15	acquirers. I think in general terms that is sort of the
16	first bit of the question.
17	The second bit goes into the what other changes
18	can the schemes make? Or shall we stick to the first
19	one?
20	MR SMITH: I was simply articulating that as a possible
21	consequence of an acquirer insisting on a zero MIF.
22	I wasn't suggesting as a counterfactual a dramatically
23	scaled back scheme.
24	The only assumption I was asking you to make was
25	only a bilateral interchange fee could be agreed and

1	there would be no default, or a default of zero, if you	1	specifically, correct? And we were looking at whether
2	like. That's all I was putting to you.	2	the scheme creates benefits, and I think you said
3	But can I ask you one last question. Again, it is	3	something like, well, the MIF is necessary for the
4	accepted by everyone that actually the acquirers are, in	4	scheme to produce the benefits. Does that ring a bell?
5	terms of their monetary gain or loss, indifferent as to	5	That you have to wrap up the MIF and the scheme in order
6	the level of the interchange fee because they pass it on	6	to
7	to the merchant. Doesn't that suggest that they might	7	A. Yes, to get those benefits from the four-party schemes.
8	have in mind a more nuanced longer term view of what the	8	Yes.
9	interchange fee should be? Because after all it doesn't	9	Q. Again, it may be a legal analysis, but it is still quite
10	affect their bottom line; all they are seeking to do in	10	important for where your report is coming from. Can
11	negotiating the best interchange fee is something that	11	I ask you to go to bundle E3.10, which is the Deloitte's
12	is in the best interests of themselves, vis-a-vis the	12	survey, tab 202, page 4307, which gives a fairly neat
13	merchants who are their customers.	13	summary of at least the Commission's analysis of what
14	A. Yes. I think generally the position of acquirers and	14	you should be looking at.
15	this goes back to Professor Beath's question a few weeks	15	A. Yes.
16	ago: where are acquirers in this? Why are they so	16	Q. I'm particularly interested in paragraphs 50 to 54.
17	apparently passive? I think collectively acquirers,	17	Again, this is in the context of we know from the
18	yes, they pass it on, the MIF to the MSC. But I have to	18	ECJ that the wrong question is whether the scheme
19	bring in analogy.	19	produces the benefit. We are now looking at what you
20	Let me bring in the analogy of petrol stations as	20	regard as a relevant question, which is that the MIF and
21	acquirers, if you like. So petrol stations, there is	21	the scheme are all wrapped into one to create the
22	certain competition between petrol stations and that's	22	benefit.
23	the same whether, say, the government duties on petrol	23	Essentially what you were saying is that without the
24	are 30p or 100p, the competition stays the same. And	24	MIF, the scheme won't exist. I mean, it could not
25	you would be rightly saying, well, it doesn't really	25	compete. And that's where you were coming from, yes?

1	matter to the competition between these petrol stations
2	or acquirers whether the MIF is 30 or 100.
3	But on the whole though, if anything, petrol
4	stations would prefer it if the government duties
5	were 30p rather than 100p because then the price would
б	be lower and more fuel would be sold.
7	So in general, acquirers are probably on balance
8	keener on the lower interchange fee than on the higher
9	one, and that's why in these committee discussions, as
10	we have heard, usually it is the acquirers who say,
11	well, keep the interchange fee don't put it too high.
12	But individual acquirers are a bit I think genuinely
13	more indifferent when it comes to choosing between
14	schemes because it is not directly their bottom line, it
15	is much more on the issuing side of the bank, say a bank
16	is an acquirer and an issuer, that the bank has to
17	choose between the two schemes.
18	MR SMITH: Thank you very much, Dr Niels.
19	MR JUSTICE BARLING: Sorry, Mr Brealey.
20	MR BREALEY: No. Very interesting.
21	I'm not sure I have got any questions out of that.
22	Thank you very much.
23	We were talking about the MIF. So we went from MIF
24	to bilateral. If we can come back to MIF, and I took
25	you to the ECJ and you had a look at the MIF

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A. Yes.

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Q. So this is how at least the Commission analyses it. At paragraph 50 we get the normal prohibition on agreements which distort competition. Then at paragraph 51:

"In the MasterCard, the Commission concluded that the cross-border MIF infringed by creating the de facto floor and restricting the competitive interaction between acquiring banks."

That relates what I described in opening to the three anti-competitive vices. So you have the collusion, you have the anti-competitive vices in 51. Then at 52:

"A restriction of competition may ... (Reading to the words)... for the existence of an agreement of that type."

That's essentially what you are talking to.

"In MasterCard, however, the Commission concluded that a collective mechanism that shifts costs between acquiring and issuing banks is not indispensable for the operation of a four-party scheme because issuing banks and acquiring banks can recover their costs directly via their respective customer group. Indeed, the MasterCard decision identified five comparable payment card schemes that successfully operate in different member states

1	without a MIF."
2	Just pausing there. Do you disagree with
3	the Commission's analysis there?
4	A. I disagree with the Commission's analysis there.
5	Q. Then going on to paragraph 53:
6	"Although a MIF is not necessary for the operation
7	of a four-party payment scheme, in principle some MIFs
8	may enhance the efficiency of a scheme and benefit its
9	users. According to 101(3), restrictive agreements
10	[that is the MIF here] that are caught by 101 are
11	nevertheless valid if they contribute to improving"
12	And it sets out the conditions for 101(3).
13	Then 54:
14	"The MIF is an instrument that shifts the costs."
15	Then it talks about balancing, but then it also
16	talks about:
17	"If you are going to claim these efficiencies, it
18	must be based on robust and compelling analysis that
19	relies(Reading to the words) the relevant
20	consumers to consider for analysis of efficiencies on
21	merchants and their subsequent purchasers."
22	Assuming that you are wrong on paragraph 52 and that
23	you can have a four-party scheme without a MIF
24	I think that then deals with your point about how you
25	have to wrap up the MIF and the scheme do you then

1	accept that you have got to look at the MIF specifically
2	to determine whether there are efficiency gains under
3	article 101(3)? In other words, forget the fact that
4	the MIF and the scheme are wrapped up into one, do you
5	accept that you have to look specifically at whether the
6	MIF produces the efficiency gain?
7	A. Yes, I agree.
8	Q. That was the first condition.
9	Can we go on to the second condition now of
10	article 101(3). To do that you probably want to put
11	those bundles away we will need bundle E1. I don't
12	know if you have E1 there.
13	Just coming back to the evidence you gave a moment
14	ago about why you disagreed with the Commission on the
15	necessity for the MIF, if the EU regulators had reduced
16	the MIF to zero, banned it completely, both Visa and
17	MasterCard, would you say that the two schemes would
18	collapse?
19	A. I think they would struggle in the competition with Amex
20	and other three-party schemes that may arise. So in the
21	hypothetical situation, you are saying if the well,
22	the EU regulator, but also any MIF was zero, so also the
23	UK MIF. Is that what you are
24	Q. Yes, I'm saying that let's assume the UK regulator or
25	the UK Government said Visa and MasterCard can't have

1	a MIF. Amex can, but they can't.
2	A. Yes, my position is they would both both schemes
3	would certainly lose a lot of market share to
4	three-party schemes. I don't know where it would end up
5	ultimately.
б	But also the competitive situation would be a lot
7	worse, I think. So competition in the interscheme
8	market would be a lot worse. Competition in the issuing
9	market would be a lot worse. Looking at it in the
10	round, I wouldn't say it is a more desirable competitive
11	outcome, that situation.
12	Q. But would they collapse? The competitive outcome is
13	a completely different matter. Would they collapse?
14	Are they absolutely necessary for the operation of
15	a four-party scheme, that is the test?
16	A. They may collapse. You don't know where it ends up.
17	Certainly if they exist in their current form they may
18	avoid collapse by actually making changes to the nature
19	of the scheme. In essence they could, from credit
20	cards, try to become debit cards. In my mind that's not
21	a very informative counterfactual, but those kinds of
22	things are possible in the world where both of them had
23	to set a zero MIF.
24	Q. If we go to E1, tab 2A, these are the guidelines from

2	Q. If we go to E1	, tab 2A, these are the guidelines from
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1	to these in the skeleton, so I take it that they are not
2	in dispute. But I need to take you to them to see how
3	you have approached your economic evidence.
4	You are familiar with these guidelines, I take it?
5	A. Yes.
б	Q. And we will come to them a bit later on on other
7	matters, but if we go to paragraph 38, for example,
8	38A.7, so page 38A.7, this is at the start of the
9	principles of the application of article 101(3). Some
10	of them you have already accepted because they are in
11	the Commission's decision.
12	If we go over the page at 38A.8, we have the first
13	condition, and we will see there at paragraph 50 and 51
14	those same efficiency claims.
15	So at 51:
16	"All efficiency claims must be substantiated."
17	And we get again the nature of the claimed
18	efficiencies, the link between the agreement here the
19	MIF and the efficiencies, the likelihood of
20	magnitude, how and when. So this is where
21	the Commission is talking about the efficiencies.
22	If we then jump to paragraph 83, this is what I want
23	to ask you about, which is page 38A.13:
24	"According to the second condition of
25	article 101(3), consumers must receive a fair share of

-		-	
T	the efficiencies generated by the restrictive	T	not the impact on individual members of this group of
2	agreement."	2	consumers."
3	You accept that, of course?	3	You adopted that approach in your report?
4	A. Yes.	4	A. Well, "adopted" may be a big word, but I think I'm aware
5	Q. Then it gives at 84 what is meant by "consumers", but	5	of this criterion.
б	I want to ask you about 85:	6	Q. Have you attempted to follow it?
7	"The concept of fair share implies that the pass-on	7	A. Yes, I have looked at the overall impact on merchants.
8	of benefits must at least compensate consumers for any	8	Now, there is of course a discussion in there about
9	actual or likely negative impact caused to them by the	9	individual merchants and so the individual benefit to
10	restriction of competition found under article 101(1).	10	merchants and the aggregate benefit to merchants.
11	In line with the overall objectives to article 101 to	11	I don't think that translates one-to-one with this
12	prevent anti-competitive agreements, the net effect of	12	distinction between overall and individual because
13	the agreement must at least be neutral from the point of	13	even the business stealing argument. I don't think
14	view of those consumers directly or likely affected by	14	that translates exactly, maps onto here exactly, because
15	the agreement."	15	I think there is a situation where even if I think
16	And it sets out the authority for it.	16	merchants also benefit overall because they each benefit
17	"If such consumers are worse off following the	17	individually despite business stealing. So this
18	agreement, the second condition of article 101(3) is not	18	aggregate merchants where you cancel out business
19	fulfilled."	19	stealing effect. I have a whole discussion on that, but
20	Now, that is based on the court's jurisprudence. Do	20	I don't think it is the same as these two criteria here,
21	you accept that that is how you have approached your	21	overall versus individual.
22	report?	22	I have, to answer the question more shortly, looked
23	A. I accept that this is the criterion, how one looks at	23	at what is the effect on merchants basically.
24	fair share. As I said earlier, there are inherent	24	Q. As a group?
25	limitations as to how precise one can get in this the	25	A. Overall, yes.

1	restriction and does it fully compensate.
2	I think my analysis overall so to start with,
3	I don't actually think there is a restriction of
4	competition, for reasons I won't go into now, but that
5	sort of is a starting point. But there are clearly
6	efficiencies, as we have also established. And I think
7	merchants benefit as well as pay this higher cost from
8	the cost shifting and interchange, but merchants
9	benefit. And I think both methods to come up with
10	an exemptable level of MIF. So the cost-based method
11	and the MIT-based method tried to capture the notion of
12	merchant benefits.
13	I know it is a bit of a round about way of getting
14	there, but I think once you accept that the number that
15	comes out of the method, you call that the exemptable
16	MIF, and inherent in that is the fact that merchants in
17	their benefit as well, because merchant benefits do come
18	in explicitly under both methods.
19	Q. Then at paragraph 87, again I do not think it is
20	controversial because it is supported by authority, but
21	I just want to ask you whether you have adopted this in
22	your report.
23	At paragraph 87, the first sentence:
24	"The decisive factor is the overall impact on
25	consumers of the products within the relevant market and

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1	Q. That is the second condition. What do you understand is
2	meant by the third condition?
3	A. The indispensability?
4	Q. Correct.
5	A. Well, my understanding is that you have to show that
6	the that bit in the agreement itself, or the
7	agreement is
8	Q. The restriction
9	A is indispensable.
10	Q. The restriction is indispensable?
11	A. Is indispensable to obtain the efficiencies.
12	Q. In other words, if the efficiency would occur anyway,
13	the transaction would occur anyway, the restriction is
14	not necessary?
15	A. Correct, not indispensable.
16	Q. So in your report you have calculated the exemptable MIF
17	in two ways, as you have said. Basically I can call it
18	the issuer's cost methodology and the adjusted MIT
19	approach. Yes?
20	A. Yes.
21	Q. Can I go first of all to the issuer's cost methodology.
22	I think you can put all the bundles away, but you will
23	need your first report, bundle 3, tab 3.
24	A. Yes.
25	Q. The exemption section, as you said earlier on, I think

1	starts at section 4, but this is the adjusted benefit
2	cost balancing approach, which I will call the issuer's
3	cost methodology. It is in section 5 at page 287.
4	A. Yes.
5	Q. This takes up the whole of section 5.
б	A. Yes.
7	Q. At 5.1 you say that the two-sided markets often exhibit
8	skewed pricing, which I think everybody in the room
9	would agree with.
10	But then there is an issue between the parties as to
11	whether this skewed pricing that results from the
12	collective pricing arrangements is inherently
13	pro-competitive.
14	You then go at 5.3, where you take our famous
15	friends, the three heads of issuer's cost. So for
16	credit card, MasterCard, takes three heads of issuer's
17	costs, processing costs, payment guarantee costs and the
18	interest-free period also called funding costs, as
19	a proxy for the cost revenue in balance.
20	"I note that the European Commission in its Visa
21	exemption decision of 2002 accepted these three heads of
22	costs as benefiting merchants and forming a basis for
23	setting the exemptable intra-EEA MIF for credit cards."
24	Just pausing there. Why did you mention the
25	European Commission's exemption decision?

1	A. Because it was a noteworthy decision at the time, in the
2	overall context also of the OFT investigation. And what
3	I also found noteworthy is that the solution that the
4	European Commission came up with at the time was exactly
5	the methodology that MasterCard had followed with EDC
6	since the NaBANCO case in 1987.
7	So I just mention it there. Actually, also perhaps
8	a bit for the avoidance of confusion because there is
9	sometimes a bit of confusion including, in some
10	documents in this case but also in the European
11	Commission stage, that somehow MasterCard introduced
12	this after Visa. But the MasterCard method, or at least
13	the cost study method, has existed since the 1980s. And
14	what I find noteworthy, and therefore I quote it here,
15	is it is the same three heads of cost and the Commission
16	explicitly said that the Commission can see that these
17	heads of cost also benefit merchants.
18	Q. But again, with the greatest respect, Doctor, it doesn't
19	really give a balanced impression because, as I am sure
20	you are aware, footnote 44 of that exemption decision
21	specifically gives a caveat on domestic MIFs. But you
22	don't mention that?
23	A. No, I don't. It mentions it, I believe indeed for the,
24	if I'm not mistaken, interest-free period.
25	Q. You don't mention the fact that there are documents in

1	the case where clearly the Commission, quote:
2	" regarded that the issuer's cost methodology as
3	unsound and was not going to renew the Visa exemption."
4	But you don't mention that?
5	A. I think I mention that this was in place until 2007.
б	I'm very well aware of it, and at that stage
7	the Commission did not continue this method and instead
8	favoured the other method.
9	Q. Don't you think, just on reflection, you could have put
10	in brackets "but I appreciate in 2004/2005
11	the Commission no longer regarded it as benefiting
12	merchants and that was confirmed by the Commission in
13	its 2007 infringement decision"? It is just a matter of
14	impression, I put to you. No?
15	A. I don't see a particular need on that one, to be honest.
16	Q. All right, okay. So.
17	At paragraph 5.4, you say:
18	"I consider the cost studies carried out by
19	MasterCard, or rather independently from MasterCard, by
20	Edgar Dunn & Company (EDC) to be a useful(Reading to
21	the words) for the current case. I have no reason to
22	doubt that these cost studies have been carried out in
23	a robust and objective manner. Indeed, I understand

- that they were subject to an independent audit by
 - Ernst & Young."

1	There you footnote reference to the witness
2	statement of Peter Sidenius, correct?
3	A. Yes.
4	Q. Then throughout this section, you refer almost
5	exclusively on the data compiled by Edgar Dunn. I will
6	just take you through it.
7	So paragraph 8.15 on page 290, it starts at 5.15
8	at 290, where you set out Edgar Dunn's credit card cost
9	studies. This is at page 290, 5.15, and then at 5.16
10	what they have done.
11	And 5.18:
12	"I understand from the witness statement of
13	Peter Sidenius there are two studies."
14	And you refer to the 2005.
15	That's the first bullet. Then you refer to the
16	MasterCard worldwide 2008 study, correct?
17	A. Yes.
18	Q. Then we can go on, paragraph 5.20 I take it this is
19	not blue or anything?
20	MR HOSKINS: The detailed figures are in that table.
21	MR BREALEY: 5.20 summarises the credit card interchange
22	cost findings, a breakdown of the main cost categories
23	and then you set out the results.
24	We can cut this short, but you go at 5.82, towards
25	the end of your report, conclusions on the exemptable UK

1	MIF based on the Edgar Dunn cost study, a UK MIF etc:	1	In my analysis, clearly these costs do benefit
2	"Based on the Edgar Dunn studies for credit cards, a	2	merchants. And then it is a matter of judgment, but
3	cost revenue balancing for credit cards would be around	3	actually in my table 5.2 I showed the whole range. So
4	и 	4	at the end of the day it is perhaps not for me to come
5	Then you give a percentage. I don't know whether it	5	up with the right judgment, but I'm showing in my
б	is confidential or not.	б	table 5.2 what the resulting exemptable level of MIF
7	If you go over the page 5.84, 5.85 you set out a	7	would be under different weights you give to the extent
8	table, table 5.2. Again, the results, and the source:	8	to which merchants benefit.
9	based on Edgar Dunn studies.	9	So, in my view, indeed I cannot do more than say
10	Then at paragraph 5.89, again the exemptable level	10	zero would be too extreme, 100 might not be right
11	of UK MIF based on the 2008 study would then be between	11	because cardholders benefit, so let's be conservative
12	whatever it is.	12	and say it is between 25% and 50%. That to me is
13	So it is fair to say that this whole section is	13	a reasonable number.
14	squarely based on the 2005, but more particularly, the	14	Q. I think the Tribunal would understand that, that that is
15	2008 Edgar Dunn cost study?	15	your estimate of what is reasonable. But what is it
16	A. I used the Edgar Dunn cost study as the data source for	16	based on?
17	my cost-based approach. That is correct. So I rely	17	A. It is based on the logic I have just set out. There is
18	heavily on the 2008 in particular Edgar Dunn study.	18	strong, convincing evidence in my mind that merchants
19	You referred to the whole section. There is also	19	also benefit from the credit extension, the extension of
20	a long bit in the middle of section 5 which discusses	20	credit and the interest-free period to cardholders. And
21	the evidence on merchant benefits which then informs me	21	therefore, the logic of this cost base method is to look
22	in my assessment of, okay, I take the EDC cost data as	22	at three heads of issuer cost that also benefit
23	given and as a starting point, and then I form my own	23	merchants, and then it just comes down to a question,
24	view on how to allocate that to into a MIF with	24	well, to what extent do they benefit merchants?
25	an eye on what's the evidence on merchant benefits.	25	And one has to come up with a value judgment there.

1	Q. Staying on 5.89 then, we have, with greatest respect,
2	a very long passage about the cost studies. And then
3	the punchline, as it were, is at paragraph 5.89 where it
4	says:
5	"Given the important benefits that merchants derive
б	from these costs, it would be reasonable but
7	conservative to attribute at least 25% or 50% of these
8	costs to merchants."
9	So before we get to the costs themselves the
10	punchline is that one paragraph, and on what basis does
11	any reader get from this as to why you consider it would
12	be reasonable to attribute a quarter or a half of these
13	issuer's costs to merchants? What is the basis for it?
14	A. Yes. So as I have set out in the paragraph above that,
15	we have these costs and we have evidence on merchant
16	benefits. One has to take a view. It is clear one
17	can't there are no hard and fast lines here, but I'm
18	giving my view on this evidence.
19	I think it would not be right to attribute all of
20	those costs of credit write-offs to merchants because
21	clearly also cardholder benefits. So there is
22	an element of judgment here on the fair share. But nor,
23	importantly, do I consider it correct to say none of
24	these costs should be included because none of them
25	benefit merchants.

1	That's as far as I can go, is to give my judgment at 25%
2	to 50% is conservative. There is at that stage no hard
3	and fast rules to draw the line somewhere, but I am
4	clear that it shouldn't be zero.
5	MR JUSTICE BARLING: Is that a convenient moment for a short
6	break?
7	MR BREALEY: It is.
8	(3.17 pm)
9	(A short break)
10	(3.27 pm)
11	MR BREALEY: If we could go back, what have you got there?
12	D3?
13	A. Yes.
14	Q. If you go back to paragraph 5.4, which we saw a minute
15	ago, it is the last sentence of 5.4:
16	"I have no reason to doubt these cost studies have
17	been carried out in a robust and objective manner.
18	I understand they were subject to an independent audit
19	by Ernst & Young."
20	Now, that may be true but do you accept that these
21	cost studies are not robust for you to undertake
22	a calculation for these proceedings?
23	A. No, I don't accept that. I think this is to me this
24	is robust and relevant evidence. This is after all the
25	method that has been in place for more than 30 years,

1	and the people carrying it out have a lot of experience
2	carrying it out.
3	As I said, I have no reason to doubt that these
4	numbers are robust and objective, and therefore I feel
5	I can rely on the outcome of the studies.
6	Q. But you consider that they would be sufficiently robust,
7	for example, to calculate a MIF for 2010?
8	A. Yes, 2010 still. If you are referring to the time
9	period is that the question? It is 2010 as opposed
10	to 2008, is that the question?
11	Q. As you probably know have you read the transcript of
12	the evidence of Mr Sidenius?
13	A. Yes, I was here that day.
14	Q. So let's just remind ourselves of what he said. Let's
15	have a look at the 2008 cost study and what he said.
16	So the cost study is at bundle E3.6, tab 126. Let's
17	familiarise ourselves with the document. You will also
18	need the transcript bundle, J2, tab 11 at page 1390.
19	That's page 19 of the transcript, tab 11.
20	A. Yes.
21	Q. First of all, to identify the document, this is the
22	document that you relied on as evidence to give your
23	opinion on the level of MIF that should have been
24	payable from late 2006 to today.
25	A. Yes

1	Q. Did you look at any underlying documents or did you just
2	accept what Edgar Dunn had done?
3	A. I did not look at underlying documents of Edgar Dunn.
4	So I relied mainly on this document itself and then
5	my understanding of the method which had come across
б	before.
7	Q. Let's see what Mr Sidenius said about the robustness of
8	this data for use over such a period of time. How many
9	years are we talking about?
10	A. So we are talking here about a damages period of nine
11	years, end of 2006 to or end of last year.
12	Q. So at page 1390, page 19 of the transcript, so I asked
13	the question it is dated 2008, probably relates to 2007
14	data.
15	It is line 7:
16	"Answer: That is correct."
17	That is at paragraph 35.1 of his statement. There
18	was it was a January 2006/2005 study:
19	"Question: Would that have related to 2004 data
20	or 2005 data?"
21	He says:
22	"Answer: The 2005 report would have been 2004 data
23	
24	So I asked the question in line 15:
25	"Question: So why are you updating the data? One

1	is 2004, one is 2007. Why are you updating it?
2	"Answer: Because you are asking a question that
3	goes back nearly 40 years in time"
4	Then he goes on, and I let him go on, if you
5	remember, about the NaBANCO case, which is fair enough.
б	But then we get to page 1392, so page 21 of the
7	transcript.
8	At line 7:
9	"So every time you wanted to revisit on a periodical
10	basis the interchange in the market to ensure it was
11	correct, there would be a requirement to undertake
12	a cost study."
13	This is his evidence:
14	"Answer: So from Edgar Dunn's perspective that is
15	where our methodology originated from. We looked at if
16	there is an imbalance in the card payment system, it
17	must because there is probably something on the issuing
18	side that is of value to the acquiring side. We tried
19	to quantify those; we came up with the methodology we
20	currently apply.
21	"Whenever this methodology was applied in the given
22	market we believe, and we strongly advised our clients,
23	that it would be wise to apply this periodically to
24	update the numbers to ensure you were in line with the
25	market. Because there would be things that are changed,

market. Because there would be things that are changed,

1	such as interest rates in the market, so the cost of
2	funds, the bad debt, the fraud, these things need to be
3	updated periodically to ensure you are in line with what
4	happens."
5	So I said.
б	"Question: The last point you just made, which
7	seems to be a very valid point, why is it that the last
8	Edgar Dunn cost study is 2008? Why hasn't there been an
9	update?
10	"Answer: That was because of the European
11	Commission case and the OFT at that stage basically
12	stating that they did not believe the application of the
13	methodology was correct anymore, and therefore
14	MasterCard deemed that it would be there was no value
15	in undertaking a cost study that would be rejected
16	immediately.
17	"Question: And that's the reason you did not do
18	a further one?"
19	l asked.
20	"Answer: Yes.
21	"Question: But had they not intervened, you would
22	have advised your clients strongly to update the cost
23	studies?
24	"Answer: Yes. That would have been very nice for
25	us as well.

1	"Question: If I was doing a calculation for an	1	the credit default cost, I don't think that's
2	interchange fee today, I would not be relying on this	2	confidential, I flagged it in section 3 of my report.
3	cost study because, as you say, interest rates change	3	I referred to data from the FCA, that between 2007 and
4	and all that sort of stuff?	4	2010 those default costs went through the roof, I mean,
5	"Answer: I would agree.	5	record levels.
б	"Question: In fact, it would be rather foolish to	6	So that tells me that if anything, in the subsequent
7	calculate an interchange fee based on this cost study?	7	years the total costs that Mr Sidenius would have
8	"Answer: Yes, I think it is outdated."	8	produced would have gone up. But that is as far as
9	What is your reaction to that?	9	I can go. I accept that I have not updated, or I was
10	A. My reaction is that it is indeed somewhat	10	not in a position to update the 2008 cost study.
11	unsatisfactory. We have a nine-year damages period and	11	Q. Let's take this in stages. Keep the bundles open, but
12	for the cost based method we have data for one year. As	12	can you go to bundle E2, please, tab 6. This is
13	it happens, it is the first full year in the period.	13	a MasterCard document. We have seen it before. It has
14	Ideally, one would have liked more data and this is	14	attached to it a report, an economic analysis by
15	then for the exemptable level of MIF and for the damages	15	Professor Weizäcker, and that starts at 362. This is
16	calculation.	16	the MasterCard notice of appeal 2005.
17	A similar thing to be said for the other methods,	17	It has an economic analysis of the MIF at 362, which
18	the MIT, where the only proper or decent data source	18	is a similar sort of thing that you are calculating. If
19	that they are using is the 2015 EC merchant cost study	19	l go to 380, paragraph 92 he says this is the
20	which has data for 2013. Again, not entirely	20	Professor. This is the basis upon which he is relying
21	satisfactory that you don't have data going all the way	21	on robust data from Edgar Dunn:
22	back from 2007.	22	"The starting point for setting the default MIF is
23	Q. Sorry, Dr Niels, I just want to interrupt. As you know	23	to take into account those costs which reflect a
24	Mr von Hinten-Reed has tried to analyse the data going	24	conservative estimate(Reading to the words)
25	back some years, correct?	25	providing a payment guarantee."

1	A. But only Sainsbury's specific data, that's why I said	1
2	the only proper source is the EC merchant study, which	2
3	is the survey of many merchants.	3
4	Q. I am concentrating on the robustness of what you have	4
5	relied on. The reason for that is it is MasterCard's	5
б	burden of proof to prove an exemption. It is not for	6
7	Sainsbury's to prove any exemption. So I need to know	7
8	from you whether you accept that the data you have	8
9	relied on is robust and convincing for the purposes for	9
10	which you have used it?	10
11	A. Yes, and I think it is. So what I'm saying is this is	11
12	again both for exemptable level and for the damages	12
13	calculation. I accept it is somewhat unsatisfactory	13
14	that for both methods you have only one year of data.	14
15	Ideally one would have liked more. But nonetheless	15
16	I think well, I certainly still rely on sticking	16
17	with the cost study, I still rely on that cost data. It	17
18	gives a good indication of what it costs what costs	18
19	would have been in those years.	19
20	I was not in a position to redo or update the cost	20
21	studies, so this was the best available data. I did	21
22	look a little bit into, well, if these costs move, as	22
23	Mr Sidenius has signalled, what direction would they	23
24	have moved? As I flagged up in section 3 of my report,	24
25	if you look at the biggest cost item in there, which is	25

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The very same costs that you are dealing with. 93:

"These costs are determined by a cost study performed every second year by a specialist independent firm of consultants."

Edgar Dunn & Company, the EDC cost study. So it is MasterCard's own view that these cost estimates have to be, or should be updated every second year for the very reasons that Mr Sidenius gives in his evidence, both in answer to a question that I posed and both in answer to a question that Mr Justice Barling posed, that things change. You accept that.

I think you have accepted that it is unsatisfactory that you are relying on 2007 data to calculate a MIF for a nine/ten-year period. You have accepted it is unsatisfactory?

A. Yes, it is unsatisfactory, but I still rely on the results. What I don't know from here is one implication of the question is MasterCard did this every second year. I can't recall. What I have seen is the cost studies in 2005 and 2008. So that is three years.
I don't know factually whether Professor Weizäcker is correct here, but clearly, yes, there was a need to

do this periodically. I can see the commercial

rationale for that.

1	Q. If it is unsatisfactory, how on earth can it be robust
2	and compelling?
3	A. It is robust for that period and also for the years
4	immediately after that. So it is robust data to start
5	with, the cost study.
6	Then the only reason why one may doubt it is that
7	these costs can move over time, and I accept that and
8	that is the bit that is unsatisfactory. Nonetheless, is
9	my answer on what's the reasonable and exemptable level
10	of MIF wrong?
11	I think, in any event, I do not think I'm
12	overestimating the MIT for this reason because for the
13	reason that I outlined earlier, if anything, we saw the
14	cost of default, which is by far the biggest cost item
15	here, would have gone up certainly in the next four
16	years. It may have gone down a bit. But so on that
17	basis, that for me is sufficient to conclude that I'm
18	not I'm certainly not overestimating the MIF on this
19	basis.
20	So unsatisfactory, but I think I can still rely on
21	this as a reasonable conservative measure of what comes
22	out of a cost study.
23	Q. This is a piece of evidence that you refer to which is
24	not in section 5 at all, is it? This is just something

that you have highlighted in your report about default.

1	There's no analysis in section 5 about this at all?
2	A. Correct. I have not carried out an analysis trying to
3	assess what the cost would have been like.
4	Q. No.
5	A. So I'm deriving this based on what I said in section 3
6	of my report. That's correct.
7	Q. For example, I could put to you that the LIBOR rates
8	have gone from whatever it was, 6% to 0.6%, and so the
9	cost of the banks' borrowing for the 28 free credit was
10	gone down, for example. I could put that to you?
11	A. For example, the free funding costs would have gone down
12	and they are a much smaller component, but that is one
13	component that could have gone the other way.
14	Q. I can also put to you, although me putting it to you is
15	that the average APR on credit cards has actually gone
16	up over the claim period?
17	A. That may well be the case, I don't know. But that's not
18	an item that goes into the cost study.
19	Q. We are going to come on to that in a moment.
20	Were you in court when Mr Cook was cross-examining
21	Mr Reynolds yesterday?
22	A. No.
23	Q. Well, it was put to Sainsbury's that the period of the
24	claim was probably one of the most turbulent periods in

the financial history for the best part of 60/70 years.

4	A. Yes, I accept that.
5	Q. Yet you still don't think that you would need to revisit
б	data that relates to 2007?
7	A. Ideally one would like to revisit the data. I was not
8	in the position to do so. And again, I don't think my
9	analysis my resulting my resulting number from the
10	cost study overestimates the MIF because on balance
11	I would posit, but I haven't analysed it in detail,
12	I accept, that costs would have gone up because of these
13	turbulent times. In particular, the
14	MR JUSTICE BARLING: The defaults.
15	A. The defaults, yes.
16	MR JUSTICE BARLING: You say what you did was conservative,
17	on balance?
18	A. Yes.
19	MR BREALEY: Can we go to bundle E1, please. Just out of
20	interest, where in D3 do you refer to this, so the
21	Tribunal have it in mind?
22	A. I will find it. It takes me a while.
23	Q. If you find it, we can revisit it maybe tomorrow.
24	PROFESSOR JOHN BEATH: The use of the term "conservative"?
25	A. No. The

Would you accept that? We have had the eurozone crisis,

we have had the banking crisis, would you accept it has

been a bit turbulent?

1	MR BREALEY: I think it is 378, is it? 379?
2	A. In 379 I refer to the cost of defaults. So the FCA
3	study or data showing the defaults have risen. That's
4	what I referred to earlier. This is in the overall
5	discussion as to about issuer costs, why they are
6	higher in the EU than other
7	MR JUSTICE BARLING: Forward losses. That's fraud. 3.6 is
8	fraud, isn't it?
9	A. Correct.
10	MR JUSTICE BARLING: So that was very high
11	A. So fraud has gone down.
12	MR JUSTICE BARLING: That's gone down.
13	MR BREALEY: Sorry, which paragraph are you referring to?
14	A. In 380, and in the chart you can see that fraud cost
15	would have gone down somewhat.
16	MR JUSTICE BARLING: Do you have a similar table for default
17	costs?
18	A. No, I don't. I just mention it qualitatively in 379.
19	MR BREALEY: The only evidence that we have got before the
20	Tribunal is 379:
21	"The result of an increase in the number of bad
22	debts."
23	At E1, tab 15, again it is the General Court.
24	Page 345, just after the page we were looking at before,
25	starting at 209 to 211. I would imagine you have been

1	taken to these three paragraphs because I have referred	1	benchmark or comparable products.
2	certain witnesses to them. It relates to interest.	2	So my cost-based method is looking at cost, and
3	The second assumption is that issuing banks bear the	3	that's not uncommon in regulation. Most utility
4	majority of the costs of the system. Do you see that?	4	regulation is cost based. The MIT method which I also
5	Yes?	5	applied is more looking at the benchmark price. So that
6	A. Yes.	б	criticism, looking at cost doesn't take into account
7	Q. You must have read this before?	7	revenues, I do not think it is a valid one at that
8	A. I have, yes.	8	level.
9	Q. So the second assumption is the issuing banks bear the	9	On the issuer revenue question, clearly issuers also
10	majority of the costs of the system. As you know,	10	make revenues, but the whole principle of interchange,
11	the Commission said that issuers' revenues had to be	11	so going back to Baxter and also then the EDC cost
12	taken into account. That was apparently appealed, and	12	methodology, is even taking into account those issuer
13	the General Court said:	13	revenues, so you look at all the revenues on the
14	"With regard to the second assumption, as	14	merchant side, the costs on the acquiring side, you look
15	the Commission has pointed out, in essence recital 686,	15	at all the revenues from the cardholders and the costs
16	it is sufficient to note that it is based on a partial	16	to the issuers, even then you have an imbalance in this
17	presentation of the issuing and acquiring business,	17	four-party system. So despite the issuer revenues. And
18	taking into account only the costs borne by the issuing	18	the MIF is a mechanism to allocate that.
19	banks and omitting the revenues or other economic	19	So from that perspective, from the origins of the
20	advantages they obtain from credit card issuing business	20	cost, even the cost method being a proxy for the
21	notwithstanding the latter's importance."	21	imbalance does take into account issuer revenue from
22	See paragraphs 106 to 108.	22	that perspective.
23	106 to 108 is at page 332, which relates exclusively	23	Q. But
24	to the UK market, as you have probably seen.	24	A. Let me then continue on the issuing revenue because it
25	So we established this morning that you looked at	25	is a big theme.

2

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1	the judgments of the courts to guide your economic	1
2	analysis. The question that I'm sure you know I'm going	2
3	to ask is why have you not taken into account the	3
4	substantial interest that banks earn, and other economic	4
5	advantages from credit cards?	5
6	A. I think, well, there is various angles to this. I think	6
7	this particular point here in 211 is a criticism of the	7
8	cost method that I think misses the point because there	8
9	is a justification for the cost method despite it not	9
10	explicitly accounting for issuer revenue.	10
11	I can go through the justification of the cost	11
12	method and I can go through the question of revenues as	12
13	to why or in what context they are or are not taken	13
14	into account. Because I think it is a bit too it is	14
15	a bit cutting corners to say the cost method doesn't	15
16	directly incorporate revenues because that is correct.	16
17	But that misses the point of why a cost method is	17
18	justified.	18
19	I think it goes back to the principles. If we are	19
20	in 101(3), exemptable level of MIF or the damages	20
21	calculation, so what would be a reasonable exemptable	21
22	level of MIF? In general, when you want to sort of	22
23	regulate a product or determine a fair price, there are	23
24	two main ways of doing it. One is to look at the	24
25	product's costs and the other is to look at the price of	25

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You can look at this in three stages. Conceptually, empirically, what is actually the evidence on issuer revenue, and normatively, should issuer revenues be the be all and end all.

Conceptually, in a two-sided market a scheme may decide, look, there is a pot of money to be had from merchants, on the merchant side and from cardholders, and let's suppose the optimal, like any two-sided market you get the skewed pricing structure, so let's suppose it is right that we charge this to merchants, this amount, this MSC of 1%, say. Amex does that, the four-party scheme wants to do it as well.

So there is a pot of revenue on the merchant's side, and clearly there are revenues on the cardholder's side. But there is no -- that is the balance of the scheme, and then you look at cost and revenues and you find, okay, with this level of revenues on the merchant's side, acquirers actually getting a good deal out of this and that's not the right balance within the system. So let's reallocate through the MIF.

Because you shouldn't forget that, yes, issuers get roughly -- I don't know if this is now confidential -between 70% and 80% of the scheme's revenues are on the issuing side. So that is the issuer revenue. The rest is on the merchant's side. But -- maybe this is

1	confidential we saw the percentage of costs, and more
2	than 95% of the costs are incurred on the issuing side.
3	So the issuers have 95% of the cost and 70%, 80% of the
4	revenue, so there is an imbalance.
5	Conceptually that's where a MIF comes into play.
6	Then I think the argument from the other side is: but
7	those issuer revenues in their own right, might they be
8	big enough, even if you have an imbalance, forget about
9	that, might they actually be big enough to fund all
10	those issuer costs? So are the issuers making a lot
11	of getting all of that revenue and actually the
12	scheme can function just by the issuers paying for their
13	own costs?
14	I think, first of all, there is no evidence, as was
15	also established with Mr Sidenius. So no one has ever
16	really fully analysed, well, how profitable is issuing?
17	But from the FCA document, and we may come to it in more
18	detail, but that was published in November last year, so
19	after the expert reports, but one does get a clear
20	impression that there is a lot of competition on the
21	issuing side, including competition on the interest
22	rate. You get lots of these zero balance transfers, low
23	rate offers etc.
24	That to me suggests that, yes, it is profitable on
25	the issuing side but not so profitable that you can fund

1	the entire, basically the entire scheme cost. And the
2	FCA also concluded that there is no indication that
3	currently there is a cross subsidy from so interest
4	revenues from revolvers to transactors in the scheme.
5	My third point, apologies for the length, but
6	normatively one would also raise big question marks. Is
7	it even desirable to have a scheme where everything is
8	funded out of issuer revenues? For the scheme it
9	probably wouldn't be desirable. It is not the business
10	proposition that 40% of all cardholders who are
11	revolvers fund the entire thing. It is also not clear
12	whether a scheme like that would survive in competition
13	with other schemes.
14	Secondly, again, from reading the FCA, the FCA as
15	a regulator would be quite worried about a scheme that
16	subsidises the whole scheme out of 40% of cardholders
17	who are revolvers.
18	So that is my take, if you like, on interest
19	revenues.
20	Q. Let's just try and draw this to a close, then. Do you
21	accept or do you disagree with what the General Court
22	has said, that when you are looking at the issue of
23	whether issuing banks bear the majority of the costs of
24	the system, which is the thrust of almost the whole of
25	your report, that the issuing banks bear the majority of

1	the costs of the system? Do you disagree with what the	
2	General Court said, or do you accept that when looking	
3	at that you should include, or not exclude or not admit	
4	from your consideration the interest payments and the	
5	other revenue? In other words, do you agree with what	
б	the General Court has said, or disagree?	
7	A. I think it is not out of it is out of in a way	
8	I disagree therefore, is the answer, because the cost	
9	method is what it is. It is a cost method. It doesn't	
10	directly take into account issuer revenues.	
11	If the court is saying you should also look at	
12	issuer revenues, well, the answer to that is then there	
13	is another method, maybe we are then back into the	
14	overall, the fallbacks studies that EDC has also done	
15	where it did try to look at all revenues, all costs and	
16	at that imbalance. And that's where we got those	
17	percentages from, the 70%, 80% of costs on the issuing	
18	side sorry, 70%, 80% of the revenues, but 95% of the	
19	costs, and hence there is an imbalance taking into	
20	account issuer revenues.	
21	Q. Just, again, you have said I think in evidence that you	
22	disagree with what the General Court has said. I'm	

- 23 looking at section 5 of your report. Is it correct to
- 24 say that you have omitted from your analysis in
- 25 section 5 any analysis of revenues and other economic

1	advantages issuers obtained from their card issuing
2	business? Have you omitted revenues and other economic
3	advantages that card issuing businesses obtain in your
4	analysis? Have you omitted it?
5	A. Yes, in the sense that section 5, I apply a cost method
6	as a way of getting to an exemptable level of MIF. And
7	interest revenues do not feature in the cost method.
8	I think I do give the rationale for the cost method,
9	which is the rationale I explained earlier, that it is
10	in a way it tries to be a proxy for also this cost
11	revenue imbalance.
12	But I did not look at issuer revenue explicitly in
13	section 5, correct.
14	Q. Would you accept with me it is rather unsatisfactory
15	that you are giving your rationale for that halfway
16	through this trial in cross-examination rather than in
17	section 5 of your report?
18	A. No, I disagree. I think there is a good rationale which
19	I explain for the cost for doing a cost study and for
20	doing a MIT, which the MIT approach which
21	the Commission has been emphasising, which incidentally
22	also does not explicitly look at issuer revenues because
23	it has a completely different basis. It is a price
24	cost benchmarking exercise. It also doesn't look at
25	interest revenues.

1	Q. Are you still in bundle 3, tab 3? Your first report.
2	A. Yes.
3	Q. You can clear your decks and just retain your first
4	report.
5	If we go to page 293, this is a section of this
6	issuer's cost methodology where you refer to merchant
7	benefits, correct?
8	A. Yes. 5C.
9	Q. Then over the page, at 5C.2 you refer to the conceptual
10	framework, yes?
11	A. Yes.
12	Q. I'm interested in paragraph 5.36, where you say:
13	"Merchants may benefit from accepting payment cards
14	in two main ways."
15	Then the first bullet point is a reduction in
16	transaction costs and risks which, certainly insofar as
17	transaction costs, Mr von Hinten-Reed accepts.
18	Then the big difference between the two of you is
19	the increase in sales. You would accept that that is
20	a big difference not only between you and
21	Mr von Hinten-Reed, but you and the European Commission?
22	A. Correct.
23	Q. Again, if you read 5.36:
24	"Merchants may benefit from accepting payment cards
25	in an increase in sales."

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1	Just pausing there.
2	That is the exam question that you are postulating:
3	"Merchants may benefit from accepting payment cards
4	in an increase in sales."
5	The first point I want to ask you is: is that not
б	the wrong question? The correct question is whether the
7	MIF leads to an increase in sales.
8	A. Yes. But then I refer back to my earlier logic that it
9	is the MIF that enables these four-party schemes to be
10	competitive in the first place, and therefore the
11	benefits from cards can also be attributed to MIF.
12	Without another way of putting it, and I think
13	this is accepted logic, with a lower MIF a scheme is of
14	less size, and therefore the bigger a scheme is, the
15	bigger these you get the bigger these benefits
16	also in terms of increasing sales.
17	Q. So you take my now famous little restaurant in
18	Tottenham.
19	A. There is a game there tonight, I believe.
20	Q. I'm sadly not going. If you take my little restaurant
21	in Tottenham, are you really seriously suggesting that
22	that restaurant in Tottenham is going to lose sales
23	because the MasterCard credit MIF has been reduced
24	from 0.8% to 0.3% as a result of the regulation?
25	A. I'm not sure my analysis applies that linearly. I would

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1	certainly say the restaurant in Tottenham benefits from
2	the fact that it accepts MasterCard. It would benefit
3	from accepting Amex or Visa. It benefits by offering
4	a better service.
5	The MIF, to bring the MIF in, means the MIF has
б	meant a higher MIF has meant more people have
7	a MasterCard so more usage, and therefore this benefit
8	that the restaurant in Tottenham gets in accepting the
9	MasterCard is bigger than if the MIF was lower and the
10	MasterCard scheme was correspondingly smaller.
11	Q. I will ask the question again. Nearly everybody in the
12	UK, adult there is information on it most people
13	have two, maybe three cards, debit cards, credit cards,
14	whatever. Again, where does the small restaurant get
15	an increase in sales as a result of the difference in
16	level between 0.3% and 0.8%?
17	A. Well, in general terms, first of all, let's say if the
18	restaurant didn't accept any MasterCard then it would
19	miss the custom of people who have a MasterCard card and
20	want to pay with their MasterCard
21	Q. Forget the card.
22	A. With a higher MIF the MasterCard scheme would be bigger
23	because it would be more competitive, more attractive to
24	be issuing, and therefore there is a it is not

linear, I would say, but there is then also

1	a relationship with the benefits.
2	So a scheme with a higher MIF, more card
3	penetration, more usage, therefore is of more benefit to
4	the merchant or to this restaurant than the scheme that
5	has fewer cardholders because it has a lower MIF.
6	Q. Let's assume that is true, which I suggest to you that
7	it is not. But the MIF does lead to increased sales.
8	Have you in your report satisfied those four conditions
9	for the first condition of article 101(3)? That is to
10	say have you categorised the nature of the claimed
11	efficiency, the link between the MIF and the efficiency,
12	but more importantly the likelihood and magnitude of the
13	efficiency? Where in your report have you calculated
14	the magnitude of this efficiency? That is to say the
15	level of increased sales that merchants obtained by
16	reference to the MIF.
17	A. Yes, I think this is one of those things that probably
18	economics, or no one can actually quantify or so it
19	is a question one can't answer precisely.
20	What I have done in detail in section 5 is review
21	the evidence for the question: do merchants benefit?
22	Through individual sales I think that is reasonably
23	obvious, but also in the aggregate. So I looked at all
24	the evidence and discussed it systematically and
25	I concluded they do. But can you quantify it? No. It

1	is a yes/no answer.	1
2	I think the answer is yes, they do benefit, and	2
3	therefore I conclude that merchant so the credit	3
4	facility, some of the costs should be included in the	4
5	MIF, but I cannot quantify and therefore, no, I have not	5
6	done that in my report. I have identified the nature of	6
7	the benefit, but not the magnitude.	7
8	MR JUSTICE BARLING: You can't quantify the benefit of	8
9	merchants as a whole from increased sales due to the	9
10	MIF?	10
11	A. Yes, correct. I think it is very difficult for anyone	11
12	to quantify the effect of, say, credit card credit as	12
13	a whole on aggregate spend.	13
14	MR BREALEY: I'm moving on to a different topic. I don't	14
15	know whether that would be a convenient moment to pause?	15
16	MR JUSTICE BARLING: Yes.	16
17	MR BREALEY: I'm making very good progress.	17
18	MR JUSTICE BARLING: Good. Are we on target to	18
19	MR BREALEY: Mr Harman on Monday.	19
20	MR JUSTICE BARLING: finish this witness some time	20
21	tomorrow?	21
22	MR BREALEY: Yes.	22
23	MR JUSTICE BARLING: Mr Brealey, I appreciate the	23
24	difficulties in doing this, but are you able to give any	24
25	prediction for those who might otherwise be excluded?	25

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1	MR BREALEY: I think if the students are coming tomorrow
2	morning, they will be okay. But then I'm going into,
3	really, stuff that is confidential to MasterCard.
4	I have got to sort Maestro out, for example. So that is
5	pretty historic, but
6	MR JUSTICE BARLING: The morning looks as though
7	MR BREALEY: I will do my best so they get their hour's
8	session.
9	MR JUSTICE BARLING: And also for the benefit of anyone who
10	is here now who needs to know. All right.
11	I think there are some questions for the witness.
12	MR BREALEY: Okay.
13	MR JUSTICE BARLING: Is it convenient to take them at this
14	stage? I hope so.
15	MR BREALEY: Absolutely, yes.
16	MR SMITH: Mine is not a question for the witness, but
17	a request for the parties.
18	Questions by THE TRIBUNAL
19	PROFESSOR JOHN BEATH: I have a question. It goes back to
20	this thing about if, in the cost-based method, you
21	should take account of revenues which you generate from
22	interest.
23	I was thinking to myself what would William Baxter
24	have made of all of this, because if you think back to
25	the original model, what he is doing is building up

1	a demand curve for a transactional service and a supply
2	curve of transactional services. And there are two
3	people in that supply process: the acquirers and the
4	issuers.
5	When you think about what they are trying to do, at
6	what price am I willing to supply this much of
7	a service, now, that generates their cost curve or
8	supply curve. Why would an issuer, in thinking about
9	their bit of the aggregate supply curve, why wouldn't
10	they want to take account of potential revenues as a way
11	of because, you know, it is a willingness to supply,
12	and revenues seem to be a part of that?
13	A. Yes, no, absolutely. So and also to be clear, back
14	to basics, the original Baxter model which you referred
15	to, that was the first one to really set this out
16	systematically. That does take into account issuer
17	revenue.
18	So the Baxter method is clear. The Baxter method
19	looks at what are the total what is the merchant
20	demand curve? So everything you can get out of
21	merchant's willingness to pay. And what's the total
22	issuer cardholder demand curve, which includes issuer

revenue. Then Baxter shows, if you also look at supplies, so

the acquirer cost and the issuer cost, Baxter shows, if

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1	you are just adding all the curves together, that in
2	equilibrium Baxter shows that it is only by coincidence
3	that at that point the merchant willingness to pay
4	exactly covers the acquirer cost and the issuer revenue
5	exactly covers the cardholder revenue exactly covers
6	the issuer cost. It is only by coincidence. It is more
7	likely than not that you get an imbalance in the system,
8	and that's the MIF. That is the optimal MIF. It
9	reflects that imbalance, so that does take into account
10	issuer revenue, to be clear.
11	The whole story on the cost methodology, it is for
12	practical reasons that that is a proxy, because you only
13	then have to measure costs. And there are certain
14	advantages to it, but those three costs are in a way
15	an approximation of that original imbalance in the
16	Baxter method.
17	PROFESSOR JOHN BEATH: Thank you.
18	MR JUSTICE BARLING: Just on that sorry, I'm sure you
19	have already answered this and forgive me if you have,
20	and it is probably in your report. But once on the
21	Baxter method you have worked out what the imbalance is
22	the costs and revenues on both sides of the two-sided
23	market, the MIF is the attempt to balance it. But it
24	seems that the way MIFs are arrived at don't use
25	a mathematical, if you like, or economic approach, but

1	they could, could they? They could just look at the,	1	and there may be other varieties in between.
2	I don't know, the cost side is you have got the,	2	I don't know whether MasterCard will have the
3	whatever it was you said, 70% to 80% of the revenue	3	equivalent Visa MIF rates. If those are available, we
4	and 90% of the cost. Presumably there is some economic	4	would obviously be interested in seeing those also.
5	model or some algorithm you could use to adjust it?	5	Then, finally, and this is more for Sainsbury's,
б	But that's not a method that appeals to anybody?	6	having heard about the pound-for-pound monitoring of
7	A. No, I think that is mainly for practical reasons. So	7	Sainsbury's costs, we wonder whether it would be
8	I think the EDC three heads of cost is an approximation.	8	possible to have a breakdown of, again, over the claim
9	But I think also EDC, Mr Sidenius tried to explain that	9	period, what Sainsbury's paid to its acquiring banks
10	in 2002, I believe they tried to do that whole exercise	10	both in terms of the rate, in other words, the merchant
11	as a cross-check. And what they found I think is, yes,	11	service charge rate that was paid as a percentage, or
12	if you look at everything in the round and	12	whatever rate it was, and the total amount in absolute
13	mathematically, what's the difference? What's the	13	terms that was paid, ideally differentiating between
14	imbalance? Then that was actually reasonably in line	14	card schemes.
15	with the three heads of costs.	15	MR BREALEY: Okay.
16	MR JUSTICE BARLING: So they did it as a cross-check?	16	MR JUSTICE BARLING: Good. Thank you.
17	A. They did it as a cross-check at the time.	17	We will see you tomorrow. Make sure you don't
18	I think another factor here that is relevant, Baxter	18	talk
19	also describes how historically these things came about	19	MR COOK: Sorry, Mr Smith, one question on that query. You
20	before any economist had any model, right? So it was	20	asked for a rate schedule. Do you want us to break it
21	sort of naturally maybe this is my market knows best	21	down into volume of business? I think that would be
22	argument, but these old systems, cheques and credit	22	difficult to do. If you wanted a rate table that would
23	cards, the participants in the scheme they kind of knew	23	be considerable easier.
24	what was the imbalance. Baxter merely provided	24	MR SMITH: No, I think just a rates table is all we would
25	a justification: look, it shouldn't be	25	like. Thank you.

1	MR JUSTICE BARLING: It is the clearing of cheques in the
2	early American system?
3	A. Yes, the market created interchange, if you like.
4	MR JUSTICE BARLING: Yes.
5	MR BREALEY: As Professor Beath knows, the Commission
6	analysed Baxter in the Commission's decision at
7	paragraph 702 and onwards quite substantially. The OFT
8	did as well.
9	MR JUSTICE BARLING: Yes.
10	MR BREALEY: Remember that Mr Sidenius, on his two
11	cross-checks, neither study he accepted were
12	article 101(3) compliant.
13	MR SMITH: Mine was more a point of information, very
14	sensible of the considerable help we have had from both
15	parties to date. But we were wondering whether it would
16	be possible for MasterCard to provide us with a schedule
17	of the UK MIFs that it set over time over the claim
18	period, but to do so not on a blended or average basis,
19	but to provide us with the MIFs that were applicable on
20	a card-by-card or card type-by-card type basis for both
21	debit and credit cards.
22	MR JUSTICE BARLING: And premium and
23	MR SMITH: Indeed. So we would like to be able to see what,
24	for instance, the MIF was for a premium card as well as
25	for a standard credit card, as well as for a debit card,

(4.30 pm) (End of open session) (The court adjourned until 10.30 am on Friday, 26th February 2016)

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