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### 3 **Reframing convenience food**

4

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16 **Abstract**

17 This paper provides a critical review of recent research on the consumption of 'convenience' food,  
18 highlighting the contested nature of the term and exploring its implications for public health and  
19 environmental sustainability. It distinguishes between convenience food in general and particular  
20 types of convenience food, such as ready-meals, tracing the structure and growth of the market for  
21 such foods with a particular emphasis on the UK which currently has the highest rate of ready-meal  
22 consumption in Europe. Having established the definitional complexities of the term, the paper  
23 presents the evidence from a systematic review of the literature, highlighting the significance of  
24 convenience food in time-saving and time-shifting, the importance of recent changes in domestic  
25 labour and family life, and the way the consumption of convenience food is frequently moralized.  
26 The paper shows how current debates about convenience food are part of a longer discursive history  
27 about food, health and nutrition. It discusses current levels of public understanding about the links  
28 between convenience food, environmental sustainability and food waste. The paper concludes by  
29 making a case for understanding the consumption of convenience food in terms of everyday social  
30 practices, emphasising its habitual and routine character.

31

32 **Acknowledgements:**

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34 comments on a previous draft. The research is funded by the ERA-Net SUSFOOD programme.

35 **Keywords:**

36 Convenience food, ready meals, health, sustainability, theories of practice

37

38 **Highlights:**

39 • The paper highlights the contested nature of 'convenience' food and its inadequacies as an  
40 explanatory concept

41 • It demonstrates the negative moral evaluation of 'convenience' food in contrast to the  
42 socially-valued nature of 'home-made' food (with which it is frequently combined in  
43 practice)

44 • It proposes a reframing of 'convenience' food within an empirically-grounded understanding  
45 of everyday consumer practice

46

47

## 48 Reframing convenience food

### 49 Introduction

50 In a recent paper in this journal, Scholliers (2015) traces academic interest in ‘convenience foods’  
51 back to the 1920s, with a rapid upsurge in references to the concept in the 1970s and a ‘stormy  
52 increase’ after the year 2000.<sup>1</sup> He cites an early definition of the term from the UK Ministry of  
53 Agriculture, Fisheries and Food which proposed that convenience foods are ‘products of the food  
54 industries in which the degree of culinary preparation has been carried out to an advanced stage and  
55 which are purchased as labour-saving versions of less highly processed products’ (MAFF 1959,  
56 quoted in Scholliers 2015: 3). Noting the diversity of meanings that attach to the concept,  
57 encompassing convenience shopping, storing, cooking, eating and cleaning up, Scholliers highlights  
58 the need for conceptual common ground, also noting how changing definitions of convenience foods  
59 mirror the historical period of their use. This paper seeks to advance Scholliers’ argument, building  
60 on his analysis of academic citations with a critical review of recent work on convenience food,  
61 focusing primarily on English-language sources since 2000.

62         Though definitions are multiple and contested, ‘convenience foods’ encompass a wide  
63 variety of processed and semi-processed food, frequently contrasted with ‘fresh’ foods using raw  
64 ingredients, cooked from scratch.<sup>2</sup> Convenience foods are often regarded as among the least  
65 healthy and most unsustainable of dietary options in terms of their low nutritional value, wasteful  
66 packaging and heavy reliance on imported ingredients. For example, a study published in the *British*  
67 *Medical Journal* found that none of the 100 supermarket ready-meals it tested fully complied with  
68 WHO dietary guidelines (Howard et al. 2012), while another study described the composition of  
69 ready-meals as ‘nutritionally chaotic’ (University of Glasgow 2012). Meanwhile, the UK Department

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<sup>1</sup> Yale and Venkatesh (1986) suggest that the earliest reference to convenience food was in a paper by Copeland (1923) which made the distinction between convenience, shopping and speciality goods.

<sup>2</sup> On the nature of freshness as a complex and contested categorization of food, see Freidberg’s (2009) ‘perishable history’.

70 for Environment, Food and Rural Affairs' Green Food Project concluded that convenience foods such  
71 as supermarket ready-meals typically include resource-intensive ingredients, responsible for high  
72 greenhouse gas emissions, consuming large volumes of energy, land and water, and with high  
73 transportation costs (Defra 2012a), while a study of food waste by the Waste and Resources Action  
74 Programme found that ready-meals were one of the most frequently wasted foods by UK  
75 households (WRAP 2007). Having provided a critical review of the research evidence on these  
76 issues, we propose an alternative way of understanding convenience food, reframing its significance  
77 within an analysis of the social practices of consumers' everyday lives.

78 The paper is part of a project on Food, Convenience and Sustainability (FOCAS), funded via  
79 the ERA-Net sustainable food programme (SUSFOOD).<sup>3</sup> The FOCAS project aims to understand how  
80 'convenience' food is defined by consumers and how its use relates to consumer understandings of  
81 healthy eating and environmental sustainability; with what specific practices (shopping, cooking,  
82 eating, disposing) 'convenience' foods are associated; how such foods are incorporated within  
83 different household contexts and domestic routines; and to what extent current consumption  
84 practices may be subject to change (towards more sustainable and healthier practices). The UK  
85 component of the research, including the current literature review, is funded by the Department for  
86 Environment, Food and Rural Affairs (Defra) and focuses on the health and sustainability of  
87 supermarket ready-meals. It will be followed by ethnographic research at the household level with  
88 consumers in the UK and Germany (the European countries with the highest consumption of ready-  
89 meals) funded by Defra and the German Federal Ministry of Food and Agriculture (BMEL).

90

## 91 **A chaotic conception**

92 'Convenience food' is a highly contested category, subject to multiple interpretations and different  
93 uses (Halkier 2013: 119). For example, Szabo (2011: 562) uses the concept to refer to fast foods,

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<sup>3</sup> Further information about the FOCAS project is available at: <http://www.sheffield.ac.uk/focas>.

94 snack foods and packaged/canned/frozen/pre-prepared foods as well as to the idea of convenience  
95 in provisioning foods that do not require direct involvement from the consumer in the work of  
96 growing/raising/harvesting it. The breadth of convenience food as a category is underlined by  
97 Halkier (2014) who includes fresh fruit cut in cubes, grilled sausages from the petrol station, organic  
98 Indian carrot soup and trans-fat fried chicken drumsticks from the supermarket freezer. As these  
99 comments suggest, 'convenience' is a problematic term when applied to food, with multiple and  
100 unstable meanings (Jackson 2013), described by Bava et al. as 'a complex and multi-dimensional  
101 construct' (2008: 486).<sup>4</sup> Even within a specific domain such as food marketing and retailing,  
102 'convenience food' is a very broad category encompassing processed foods, manufactured for mass  
103 consumption, including frozen, chilled, dried and canned goods; confectionery, snacks and  
104 beverages; processed meat, pasta and cheese; take-away food and ready-meals.

105           Definitional issues persist even when a more restricted category of convenience food such as  
106 'ready-meals' is considered. For example, Howard et al. (2012: 2) define ready-meals as those that  
107 are designed to be eaten hot and not for special occasions or for breakfast. They excluded soups but  
108 included supermarkets' own-brand meals, bought within the container to be used for cooking the  
109 product and with a preparation time of 15 minutes or less, and with a recommended serving size of  
110 at least 225 grams. Alternatively, market research company AC Nielsen (2006) define ready-to-eat  
111 meals as frozen or fresh, hot or cold, fully prepared and purchased in-store to be eaten elsewhere,  
112 excluding canned, take-away and fast food.

113           Comparative research on the meaning of 'convenience food' in different European contexts  
114 helps shed light on the term's social and cultural complexity. In Danish, for example, the English  
115 term 'convenience food' translates to either *sammensat fødevarer* (compound foodstuff) or  
116 *convenience mad* (convenience food) while other relevant Danish culinary categories include  
117 *færdigmad* (ready-made food), *hurtigmad* (fast food), *nem mad* (easy food), *halvfabrikata*  
118 (processed food) and *tage-med-mad* ('to go' food). In Swedish, the English term translates as

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<sup>4</sup> The multidimensionality of the term was also recognised by Yale and Venkatesh (1986).

119 *lättlagad mat, snabbmat, bekvämmat* or *färdigmat* (respectively, easily-made food, fast food,  
120 comfortable food or ready-made food), while in German, the most common comparable terms  
121 include *Fertig-Gericht* (ready/instant-meal), *Schnell-Gericht* (fast-meal), *Fertig-Essen* (ready food)  
122 and *Fertig-Fraß* (ready-grub).<sup>5</sup>

123 It is also important to note that convenience foods do not stand alone as a separate  
124 category in terms of everyday consumption being frequently combined with other kinds of food,  
125 ranging from ‘low-convenience-products’, such as frozen spinach that requires additional labour and  
126 further ingredients, to ‘high-convenience-products’ (Ernährungsnetzwerk 2011) such as ready-made  
127 pasta sauce to which fresh ingredients may be added or frozen pizza, enhanced with additional  
128 toppings. Further complexity derives from the frequent polarisation of ‘traditional’ foods, based on  
129 raw ingredients cooked from scratch, and the consumption of ready-meals, fast food and other  
130 types of ‘convenient’ food -- a distinction which Grinnell Wright et al. describe as ‘not necessarily  
131 helpful’ (2013: 22). Marshall and Bell (2003: 62) insist that convenience and home-made foods are  
132 part of a continuum, not two separate categories, distinguished by context not content, while Warde  
133 adopts a similar argument suggesting that convenience food is ‘not just a set of properties of food  
134 items but ... a matter of social context’ (1999: 519). In a seminal paper, Grunert (2003)  
135 acknowledges that ‘convenience’ is not a clearly defined concept but usually involves making  
136 something easier, saving time or mental effort at various phases of meal preparation including  
137 planning, preparation, eating and cleaning up afterwards (see also Scholderer & Grunert 2005,  
138 Jaeger & Meiselman 2004). Grunert further suggests that convenience foods may be a substitute for  
139 meals taken inside or outside the home, with movement possible in both directions (when  
140 consumers use convenience food as a cheaper substitute for a restaurant meal or when their  
141 experience of restaurant eating affects their choice of particular kinds of convenience food).

142 Convenience food is, then, an example of what Andrew Sayer (1992: 138) calls a ‘chaotic  
143 conception’ which arbitrarily divides the indivisible and/or lumps together the unrelated and the

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<sup>5</sup> Thanks to our ERA-Net colleagues for these insights.



144 inessential. As Sayer argues, such concepts are relatively unproblematic in everyday usage and  
145 when used in scientific discourse *for descriptive purposes*, but they become problematic when  
146 explanatory weight is placed upon them. Given this definitional complexity, the remaining analysis  
147 distinguishes between convenience food as a general category and specific types of convenience  
148 food such as ready-meals, though this distinction is not always clearly made in the literature or in  
149 consumers' everyday lives. For example, Olsen et al. (2009: 766) perpetuate exactly the kind of  
150 categorical confusion that Sayer laments by defining convenience as 'food products bought and  
151 consumed with the objective of saving time and effort ("ready meals")' while Costa et al. suggest  
152 that 'convenience *determines* ... when, where, what, how and even with whom we eat' (2007: 77,  
153 emphasis added) suggesting that 'convenience' can bear more explanatory weight than such a  
154 chaotic conception merits.

155

## 156 **Structure and growth of the convenience food market**

157 The convenience food sector has seen rapid growth across Europe and particularly in the UK since  
158 the 1970s.<sup>6</sup> Focusing specifically on ready-meals, market researchers estimate that the UK sector is  
159 now worth more than £3 billion with the chilled sector outperforming the frozen sector by a ratio of  
160 approximately 5:1. In Germany, the convenience food sector is dominated by frozen products,  
161 especially frozen pizza, which accounted for about 37% of ready-meal sales in 2011 (Minister of  
162 Agriculture and Agri-Food Canada 2012).<sup>7</sup>

163 The UK consumption of ready-meals is estimated to be double that of France and six times  
164 more than Spain (Mintel 2010). Mintel also report that while the demand for ready-meals across  
165 Europe rose by 29% between 1998 and 2002, the UK market increased by 44% over the same period.  
166 In the UK, supermarket own-brand products dominate the ready-meal market with Tesco (24%) and

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<sup>6</sup> On global trends in the adoption of convenience foods, see Sheely (2008).

<sup>7</sup> The annual per head consumption of frozen foods in Germany in 2014 was 42.2kg (WirtschaftsWoche, 16 April 2015).

167 Marks & Spencer (23%) having a roughly equal market share (Mintel 2013). As research on the  
168 growing demand for ready-meals in Ireland demonstrates, the sector is retailer-driven, with own-  
169 label brands taking an estimated 90% market share (Reed et al. 2000: 235; see also Reed et al. 2001).  
170 Numerous chilled and frozen lines have been developed at various price points including a wide  
171 range of ‘ethnic’ cuisines such as Indian, Chinese and Italian dishes.<sup>8</sup>

172 Chilled ready-meals were introduced in the UK during the 1970s as a more ‘upmarket’  
173 alternative to the American-style frozen TV dinner, introduced in the United States by companies  
174 such as Swanson’s in the 1950s. The invention of chilled ready-meals depended on industrial  
175 innovations such as the development of the ‘cold chain’ (which facilitated the widespread availability  
176 of fresh as opposed to frozen chicken among other products) and a willingness among British  
177 retailers and consumers to experiment with relatively unfamiliar ingredients (such as garlic butter in  
178 Chicken Kiev) – as described by Salter (2010) and Winterman (2013). High-street retailers like Marks  
179 & Spencer were keen to capitalise on the increasing number of British consumers who had  
180 experienced foreign cuisine while taking holidays abroad and on the growing popularity of ‘eating  
181 out’ in restaurants (Warde & Martens 2000). Ready-meals were designed to capture this market by  
182 offering restaurant-quality food for home consumption at a fraction of the cost, offering a  
183 ‘respectable’ alternative to frozen TV dinners (Usborne 2009).

184 As the market has become increasingly saturated, new product development has focused on  
185 the introduction of healthier options (with lower salt and/or sugar content), gourmet brands and  
186 products that target particular consumer segments (such as children or those seeking lower-calorie  
187 alternatives) with increasing differentiation between budget, mid-range and premium brands. A  
188 recent report in *Packaging News* (4 March 2013) suggested that UK sales of ready-meals had  
189 plateaued and may now be declining, reflecting adverse market conditions (economic recession) and

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<sup>8</sup> In the Irish context, Reed et al. identify nine categories of chilled ready meals by ‘cuisine type’ including Italian, Traditional, Chinese, Indian, Mexican/USA, healthy eating, vegetable, other ethnic and fish/meat.

190 the impact of recent events such as the 2013 horsemeat incident, where numerous supermarket  
 191 brands were found to have been adulterated (Jackson 2015).

192 In a recent paper, Daniels and Glorieux (2015) propose a useful typology that distinguishes  
 193 between non-convenience, semi-convenience and convenience foods, the former two categories  
 194 covering meal ingredients and accessories, the latter referring to full meals. While their  
 195 classification provides some welcome clarity and helps identify where different types of food are  
 196 positioned in relation to one another, we would suggest that the firm line separating convenience  
 197 and semi-convenience food (see Figure 1) is blurred in practice as consumers regularly transgress  
 198 these classificatory boundaries in their everyday lives. The typology is, however, helpful in guiding  
 199 our review.

<i>NON-CONVENIENCE</i>		<i>SEMI-CONVENIENCE</i>		<i>CONVENIENCE</i>	
<i>Meal ingredients</i>				<i>Full (fast) meals</i>	
(1)	(2)	(5)	(6)		
Preparation meals - single meal components used for cooking from scratch (e.g. potatoes, rice, non-preserved meat)	Partially-prepared and/or preserved single meal components (e.g. processed potatoes or preserved fruit)	Complete fast meals (e.g. soups)	Meals out (away-from-home food or restaurant expenditures)		
<i>Accessory meal ingredients</i>					
(3)	(4)				
Accessory stuffs (e.g. fats and spices)	Ready-made accessory stuffs (e.g. sauce)				
	(7)			(8)	
	'Other' (e.g. Bread, sandwich fillings, milk products and breakfast cereals)			'Ready-to-eat' snacks	

200  
 201 Figure 1: A typology of convenience foods (Daniels & Glorieux 2015)

202  
 203 **Sources, methods and purpose**

204 Our review of recent work on convenience food adopts the principles of a systematic literature  
 205 review, searching key terms within set parameters to produce a comprehensive database of all  
 206 relevant outputs before refining the search and using our academic judgement to select a smaller

207 number of papers for detailed review. Our search focused on sources published in English and a  
208 smaller number of publications in Danish, French and German. We used various combinations of the  
209 terms ‘convenience’, ‘food’, ‘environment’, ‘sustainability’ and ‘health’ (and closely-related variants  
210 of these terms). Relevant ‘grey literature’ (such as government reports, newspaper articles and  
211 market research reports) was also included. The search focused on literature published between  
212 2000 and 2015, together with a handful of ‘classic’ papers from earlier research.<sup>9</sup> Our initial trawl  
213 which used Google Scholar, Web of Knowledge and Science Direct as well as key government  
214 reports from Defra (2009, 2013) and related sources (Grinnell-Wright et al. 2013) identified over a  
215 thousand papers. A process of manual sifting based on reading titles and abstracts reduced the list  
216 to around 300 papers of which the most relevant 50-60 publications were highlighted for closer  
217 reading based on their relevance to the research aims (listed above). We summarise the findings of  
218 our review under a number of thematic headings before presenting an alternative framing of  
219 convenience food in terms of the social practices through which consumers incorporate such foods  
220 in their everyday lives.

221

## 222 **Time-saving and time-shifting**

223 Warde (1999) relates the increased consumption of convenience food to the competing demands  
224 and scheduling problems of an increasingly de-routinized society (cf. Jabs & Devine 2006 for an  
225 overview of the relationship between time scarcity and food choice). Warde describes the appeal of  
226 time-shifting as well as time-saving devices including fridges, freezers and microwave ovens,  
227 acknowledging that the history of domestic innovation may not have reduced the actual amount of  
228 time spent in the kitchen as new technologies have led to rising standards of comfort and cleanliness

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<sup>9</sup> Classic papers were defined as those with a high level of citations that continue to be referenced in current work. Examples include Yale and Venkatesh (1986) and Warde (1999).

229 (cf. Cowan 1985, Shove 2003).<sup>10</sup> Warde also suggests that ‘convenience’ only took on its current  
230 temporal associations with the rise of ‘convenience food’ and ‘convenience stores’ in the 1960s  
231 when *The Guardian* newspaper declared that ‘No one would deny the drudgery, the time-wasting,  
232 the monotony, that has been removed by convenience foods’ (6 December 1968). Despite such  
233 optimism and apparent consensus, Warde maintains that ‘there is still considerable ambivalence  
234 about convenience food’ (1999: 520), explored in more detail by Olsen et al. (2010).

235 Besides technical innovations in the food industry such as the invention of the ‘cold chain’  
236 (described above), the commercial success of convenience food also depended on a series of related  
237 developments in domestic technology, including the increasingly widespread availability of  
238 refrigeration and microwave cooking. In the 1960s, for example, 40% of UK households did not have  
239 a refrigerator whereas now they are all but ubiquitous (Defra 2009: 45). Likewise, Shove and  
240 Southerton (2000) report that whereas 30 years ago only 3% of UK consumers owned a freezer, by  
241 1995 more than 96% of households had one or more. The growth of car ownership and  
242 supermarket shopping also had a positive impact on the rise of convenience food, together with the  
243 widespread availability of microwave cooking (see also Watkins 2006, Shove et al. 2007).

244 There is some intriguing evidence that the point at which ‘convenience’ is sought in the  
245 process of food consumption varies between countries as do the perceived advantages of  
246 convenience food. For example, storage seems to play a greater role in the practice of convenience  
247 food consumption amongst Dutch consumers who value the convenience aspects of its acquisition  
248 and storage (Costa et al. 2007: 86).<sup>11</sup> This is less the case for UK consumers who prefer chilled ready-  
249 meals which can be frozen at home but are mostly bought for consumption within a few days,  
250 locating ‘convenience’ primarily in cooking and eating rather than acquiring and storing food.

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<sup>10</sup> Shove (2003) suggests that the introduction of new technologies such as fridges, freezers and microwaves, designed to increase personal convenience, may have had the paradoxical effect of exacerbating the scheduling and coordination of social life as collective convention and temporal ordering are eroded.

<sup>11</sup> Costa et al. are referring here to specific types of ready-meals such as frozen pizza and chilled hot-pot.

251 In focus group research with Irish consumers, participants gave numerous reasons for  
252 purchasing ready-meals including time pressures due to work commitments, catering to the dietary  
253 needs and preferences of different family members who may not eat the same food (including  
254 vegetarians) or who eat at different times, and suitability for eating at work or as a stand-by (Reed et  
255 al. 2000: 238). Many sources report the decreasing amount of time that households spend  
256 preparing food, with Grinnell-Wright et al. (2103: 22) citing a 2002 UK study in which the average  
257 amount of time spent on cooking a main evening meal was 8 minutes. They also report a 2001  
258 Euromonitor study in which the average number of evening meals cooked from scratch was  
259 estimated at one meal a week (ibid.: 20) while a Change-4-Life study reported that 'only' 16% of UK  
260 mothers cooked from scratch every day (ibid.: 23). Market researchers refer to consumers' 'busy  
261 lives and changing life-stages' as key drivers for changes in the UK ready-meal market -- see also  
262 Brunner et al. (2010)<sup>12</sup> on the drivers of convenience food consumption among German-speaking  
263 Swiss consumers and Buckley et al. (2007)<sup>13</sup> on lifestyle segmentation and convenience food  
264 consumption in Britain.<sup>14</sup>

265 Celnik et al. discuss how marketing might create or increase perceived time-scarcity and the  
266 need for convenience: 'The perceived benefits [of convenience food] extend beyond merely leaving  
267 more time for social activities: they include stress-reduction, more relaxed lifestyle, and facilitation  
268 of hosting of social events' (2012: 4). They suggest that these beliefs might reflect marketing  
269 messages which depend on, but which might also generate, perceived time-scarcity with possible

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<sup>12</sup> Brunner et al. (2010) analyse 17 specific convenience food items including highly processed foods (such as chilled and frozen ready-meals), moderately processed items (such as ready-made sandwiches), single components (such as frozen French fries) and pre-packed salads.

<sup>13</sup> Buckley et al. (2007) compare eating out, purchasing take-away food, cooking from ingredients and eating snacks.

<sup>14</sup> This is an example of where 'convenience' has shifted from being a professional (marketing) term for particular kinds of food to a category that consumers acknowledge as important in their everyday lives. These categories sometimes overlap as when 'convenience' food changes its discursive meaning from being seen as modern and liberating to being seen as potentially harmful to the environment and human health.

270 trade-offs between convenience, healthiness and taste.<sup>15</sup> Lack of skill or dislike of cooking,  
271 perceived value for money and variable family eating times may all encourage ‘solutions’ such as  
272 ready-meals (De Boer et al. 2004).<sup>16</sup> The notion that marketing ready-meals may actually *promote*  
273 time-scarcity resonates with the concept of a ‘food-related lifestyle’ as described by Brunsø and  
274 Grunert (1995; see also Hoek et al. 2004 and Perez-Cueto et al. 2010). Warde et al. (1998) also  
275 suggest that the advertising of ‘convenience’ may make people more conscious of the passing of  
276 time, its practical irreversibility, its value to those who see life in terms of self-development and the  
277 kind of individualism that sees mortality as the end of meaning.

278

## 279 **Domestic labour and family life**

280 Scholliers (2015) suggests that social change was as important as technological innovation in  
281 explaining the growing popularity of convenience food. He notes the following ‘drivers’ of increased  
282 convenience food consumption: changing household structure, female participation in the labour  
283 force, inventive manufacturers, appealing advertisements, ownership of kitchen technology,  
284 individualism, time usage, and lack of cooking skills. Szabo (2011) specifically relates the rising  
285 demand for convenience food to the growth of female labour-force participation and women’s  
286 longer working hours outside the home. The use of pre-prepared (convenience) food, she  
287 concludes, was an effective way to manage food preparation in the context of women’s increasingly  
288 busy working lives (ibid.: 552). These social dynamics are nicely captured in Swanson’s early  
289 advertising for convenience food (“I’m late – but dinner won’t be!”) which implied that American  
290 housewives could maintain busy working and/or social lives without sacrificing the taste and values  
291 of home-cooked meals. Food marketing and advertising continue to target working women and

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<sup>15</sup> Celnik et al. (2012) analysed the nutritional values of four typical ready-meals sold in UK supermarkets (macaroni cheese, lasagne, cottage pie and chicken tikka massala).

<sup>16</sup> De Boer et al (2004) defined convenience food very broadly and compared four convenience food categories: ready meals (e.g. supermarket ready-meals or frozen pizza), takeaway meals (e.g. Indian take-away or delivery, McDonalds), restaurant meals, and pub meals.

292 busy housewives with convenient 'meal solutions' to help them deal with time-scarcity and restore  
293 their work-life balance (RnR Market Research 2013). Yet, as O'Connell et al. suggest, an alternative  
294 reading is possible where the provision of 'convenience food solutions' may in fact help conserve the  
295 status quo rather than advancing gender equality, enabling women to combine motherhood and  
296 paid employment without significantly modifying either sets of demands (O'Connell et al. 2015: 3,  
297 see also: O'Connell & Brannen, in press).

298           Meanwhile, working mothers continue to be blamed for neglecting their children's  
299 nutritional needs and dietary health -- see, for example, Nestlé Deutschland (2011: 49) who rehearse  
300 the argument that 'growing female employment impacts negatively on families' eating culture'.  
301 Szabo (2011) takes a different line, arguing that recent calls for consumers to 're-engage' with food  
302 (with greater emphasis on gustatory pleasure, commensality and quality of life, and more concern  
303 for biodiversity and the environment) overlook the labour demands and time-intensive nature of  
304 food provisioning and preparation, calling for researchers to acknowledge the employment patterns  
305 and gendered divisions of labour that affect the time available for those most involved in household  
306 food-work (cf. Bava et al. 2008). Szabo (2011: 555) quotes evidence from the US Bureau of Labor  
307 Statistics and Statistics Canada to show that North American women spend more than twice as much  
308 time cooking and washing-up, and in food preparation and cleaning-up, as their male counterparts.  
309 She also suggests that recent changes in the domestic division of labour may result in the time and  
310 labour demands of modern food preparation among white middle-class households being shifted to  
311 lower-class and/or racialized domestic, factory, farm or store workers rather than representing a net  
312 reduction of working time for women.

313           In a study of the consumption of ready meals in Sweden, Ahlgren et al. (2006) demonstrate  
314 that the demand for convenience food is influenced by the gender of the purchaser and whether or



315 not the buyer is the end consumer. In a related study, Ahlgren et al. (2005)<sup>17</sup> emphasize how the  
316 meanings of ready-meals are related to the social context in which they are consumed, often eaten  
317 alone and when consumers are too tired or prefer not to cook, with almost half (47%) of their  
318 respondents reporting that such meals took less than ten minutes to prepare and eat. It may be this  
319 association with eating quickly and alone that gives convenience food its negatively-charged moral  
320 connotations.<sup>18</sup>

321         There is also evidence that the normative nature of cooking and ‘feeding the family’ (De  
322 Vault 1991) has been influenced by media representations, shaping gendered practices with regard  
323 to the use of convenience food. For example, Halkier argues that ‘In recent years, Denmark has  
324 witnessed a growth in the amount of magazines, lifestyle sections in news media, television shows,  
325 coffee-table books and websites that celebrate everyday activities traditionally associated with  
326 domestic femininity ... including cooking meals from scratch, baking, preserving, cleaning, creating  
327 and maintaining clothes, decorating the home and gardening’ (2009: 358). Halkier suggests that  
328 these discourses frame everyday cooking in normative terms as ‘the more home-made, the better’  
329 and ‘a good meal is cooked from scratch’ (ibid.: 358).

330         In a survey of over 700 Irish consumers, Reed et al. (2003) found associations between the  
331 consumption of ready-meals, gender and marital status, with men more likely to consume ready  
332 meals than women and single persons consuming more than married or cohabiting couples. There  
333 were also positive associations with education level and social class, with higher levels of  
334 consumption among those with tertiary education and higher (ABC1) socio-economic status. By  
335 contrast, non-consumers of chilled ready-meals tended to be women, aged over 45 years, residing in

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<sup>17</sup> Ahlgren et al. (2005) used the following definition of ready meals in Sweden: shop-bought chilled or frozen pre-packaged ready meals consisting of two or more components, excluding canned products, if they consisted of only one component.

<sup>18</sup> The association between convenience food and unhealthy eating should be historicised and is part of the wider moralization of the term (discussed below). When convenience food was introduced to American housewives in the 1950s, speed of preparation was part of its appeal. Now, it has become associated with bad parenting and an unhealthy lifestyle.

336 a rural location, and from lower socio-economic groups (ibid.: 6). Similar results were reported in a  
337 survey of over 1000 Swiss consumers where the consumption (dietary intake) of convenience food  
338 was higher among men than women, higher among younger people (17-39 years) than other age  
339 groups, higher among single-person households and among overweight respondents, although, in  
340 contrast to the Irish study, consumption of ready-meals in the Swiss study was lower among highly  
341 educated respondents (van der Horst et al. 2010: 242)<sup>19</sup>.

342           Given the historical force that has been attached to ‘feeding the family’ as primarily a female  
343 responsibility both in the US (De Vault 1991) and in the UK (Charles & Kerr 1988), it is no surprise  
344 that the use of convenience food in families raises particular issues for mothers. Despite the  
345 widespread use of processed baby-food, for example, Warde points out that advertisements for  
346 such products almost never make reference to their ‘convenience’ (1999: 520). Elsewhere, he has  
347 suggested that the distinction between ‘convenience’ and ‘care’ is one of a handful of culinary  
348 antinomies (Warde 1997), the others being health and indulgence, novelty and tradition, and  
349 economy and extravagance.

350           Powerful emotions are attached to family meals and the rise of convenience food is often  
351 associated with the supposed decline of commensality. In Bugge and Almås’s study of 25 Norwegian  
352 mothers, for example, the alleged decline of family meals (especially hot food, cooked from scratch)  
353 is firmly associated with the disintegration of family life (2006: 206). For the women in this study,  
354 ‘To cook a proper dinner for one’s family is an important part of a woman’s understanding of her  
355 own identity and an implicit part of realizing the ideal family and the ideal home’ (ibid.: 210). Those  
356 women who do not cook, those who rarely cook and those who are thought to rely excessively on  
357 convenience food are generally looked down upon. Though subject to class and generational

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<sup>19</sup>           The ready-meal definition of Van der Horst et al. (2010) included six items (i) ready meals in a can (ravioli, chilli con carne, etc.); (ii) ready meals chilled/frozen (lasagne, nasi-goreng, etc.); (iii) instant noodles, soup or pasta (in a cup for one person); (iv) instant pasta with sauce (dried, add water, cook); (v) ready soup in bag or can; and (vi) ready pizza chilled/ frozen (see Brunner et al. (2010) for a complete list of the 17 analysed convenience food items).

358 differences, for women not to provide a 'proper' family meal was generally regarded as a source of  
359 shame. This external judgment has come to be internalised by many women with a quarter of full-  
360 time employed mothers in Germany stating that they feel guilty about the nutrition of their children  
361 (Nestlé Deutschland 2011: 58).

362 Brembeck (2005) has questioned some of these assumptions in her work on the cultural  
363 significance of McDonald's in Sweden where she argues that, under some circumstances, eating at  
364 fast-food restaurants can provide an alternative way of spending 'cosy-time' with family members,  
365 similar to the positive associations of eating at home. This suggests that Bugge and Almås are right  
366 to conclude that 'dinner cannot be said to be good or bad in itself, but only in relation to the values  
367 it is meant to realize' (2006: 220). Qualitative research in New Zealand has also revealed the trade-  
368 offs between preferred culinary practices and the constraints on busy women's lives leading to the  
369 use of convenience foods to minimize time and cognitive effort in domestic provisioning (Bava et al.  
370 2008). Time pressures, unpredictable daily routines and lack of cooking skills are all acknowledged  
371 as important constraints on women's time, restricting their ability to fulfil their culinary ideals.

372 These ideas are explored in greater depth in a series of paper by Carrigan and Szmigin (2006)  
373 and Carrigan et al. (2006). In the first paper, the authors contest the idea that convenience food is  
374 always inferior to other culinary options. They cite a range of evidence to demonstrate the cultural  
375 specificity of convenience food, including a Dutch study of TV dinners which may be regarded as an  
376 acceptable meal in some circumstances but which is not regarded as suitable for entertaining guests  
377 (Verlegh & Candel 1999)<sup>20</sup>; a study of Irish mothers who use take-away food as a treat for family and  
378 friends (De Boer et al. 2004); and an Italian study where ready-made convenience foods are  
379 sometimes seen as an acceptable 'shortcut' for delivering traditional family meals (Romani 2005).  
380 They conclude that a mother's use of convenience products may be as eloquent a statement of her

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<sup>20</sup> TV dinners, called 'prototypical convenience food' by Verlegh & Candel (1999), because they reduce the time and effort of meal preparation, are defined as 'meals bought in stores, and prepared at home by re-heating' (p. 457).

381 love and care for her family as the cooking of food from scratch and that the use of such foods may  
382 be a strategy for mothers to enhance (rather than detracting from) their devotion to their families  
383 (Carrigan & Szmigin 2006: 1127). Women, they suggest, have developed strategies that embrace,  
384 accept and adapt 'convenience', enabling the delivery of care and nurturing in new ways. For some,  
385 these practices remain guilt-ridden, while for others they are acceptable strategies that are  
386 consistent with the identity of being a good mother (ibid.: 1128). They suggest that there is a  
387 hierarchy of acceptability for different kinds of convenience food, allowing women to demonstrate  
388 artful compromise through the pragmatic combination of different foods, exercising their agency as  
389 'mothers of invention'.<sup>21</sup>

390           This hierarchy of more-or-less acceptable convenience foods is taken further by Carrigan et  
391 al. (2006) showing how women incorporate convenience foods into reworked versions of home-  
392 made food and 'proper' meals, making necessary concessions and acknowledging the emotional  
393 complexity that surrounds the use of such foods. In this reading, convenience food can help women  
394 alleviate conflicts over food choice, retaining family cohesion in the face of other contemporary life  
395 pressures (ibid.: 374). Similar compromises are reported from the US where Moisio et al. suggest  
396 that food companies have attempted to imbue processed food with the character, tradition and  
397 meaning of home-made food in order to increase its acceptability to consumers who face the  
398 normative pressures for convenience, casualness and speed (2004: 362). Their study reveals that  
399 Midwestern consumers value the sensory qualities of home-made food and its ability to invoke  
400 idealized memories of childhood, discreetly ignoring the fact that many 'home-made' products are  
401 'at least partially manufactured, produced, packaged, and distributed through the market' (ibid.:  
402 367). They also acknowledge degrees of 'home-made' cooking provided certain thresholds are met

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<sup>21</sup> On the conceptualization and measurement of consumers' convenience orientation towards meal preparation, see Candel (2001).

403 in terms of dedication and effort, the use of ‘authentic’ fresh ingredients and adherence to recipes  
404 (ibid.: 374).<sup>22</sup>

405

## 406 **The moralization of convenience food**

407 Exploring the etymological origins of ‘convenience’, Gofton (1995) suggests that the word has  
408 traditionally been associated with laziness, immorality and unhealthiness. These negative  
409 connotations, Gofton avers, made convenience an affront to Victorian ideals of female domesticity  
410 and a potential threat to the social order (ibid.: 159). It is no surprise, then, that the term remains  
411 morally ambiguous. For example, market researchers report that 21% of UK consumers feel guilty  
412 about serving ready-meals (Mintel 2013). Warde (1999: 518) describes convenience food as ‘tinged  
413 with moral disapprobation’, while Szabo suggests that ‘convenience culture has gotten a bad name’  
414 (2011: 547). Mäkelä (2000) highlights the low moral status of convenience food, while Mahon et al.  
415 (2006) report a generally negative attitude towards ready-meals in a survey of >1000 British  
416 consumers. Convenience foods and snacks are often contrasted with ‘proper meals’, though  
417 Marshall and Bell’s (2003) study of Scottish and Australian students suggests that the differences are  
418 less clearly defined by the particular foods associated with each occasion and more by the social  
419 context of their consumption.

420         Using survey evidence from Norway, the Netherlands and Finland, Olsen et al. (2010: 535)  
421 demonstrate that moral attitude is an important predictor of the propensity to consume ready-  
422 meals. While home-made cooking is highly valued, buying ready-meals is associated with feelings of  
423 guilt, regret and neglecting one’s duty. The women in Carrigan et al.’s (2006) British study also  
424 resort to a highly moralized vocabulary of confession, guilt and responsibility when discussing  
425 convenience food, while Dutch participants in the study by Costa et al. (2007) talk about the  
426 importance of cooking at least one ‘decent meal’ per day and the feelings of reproach and regret

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<sup>22</sup> The culturally contested notion of ‘authenticity’ is explored by Heldke (2003) while the paradoxical notion of ‘industrial freshness’ is traced by Freidberg (2009).

427 respondents associated with neglecting their domestic duties. Elsewhere, Halkier has written about  
428 'suitable' cooking practices among Danish women, highlighting specific kinds of behaviour that are  
429 regarded as culturally unsuitable, such as serving ready-made rice porridge (*ris a la mande*) at  
430 Christmas, disdained by other family members as not tasting good because it was not 'stirred with  
431 love' (2009: 371).

432           Several authors have discussed the justifications and excuses that are advanced for using  
433 convenience food including the opportunity its use affords to cater for the tastes and culinary  
434 preferences of different family members, to provide food at times that suit the disharmonious  
435 domestic routines of parents and children, to allow children to cook for themselves when parents  
436 are out and/or to enable more 'quality' time to be spent with family members without being tied to  
437 the stove. It is striking how often respondents feel the need to apologise (to researchers and to each  
438 other) for using convenience food, making excuses for 'cheating' and apologising for taking 'short-  
439 cuts'. By contrast, Costa et al. report on the conviction among their Dutch participants 'that an  
440 appropriate amount of effort, attention and time should be put into meal preparation' (2007: 87).  
441 The moral issues surrounding convenience food, they suggest, take food choice 'beyond the realm of  
442 economic rationality' (ibid.: 87). Comparing home-made and convenience food lead Moisio et al. to  
443 suggest that 'Home-made food discourse operates as a symbolic bulwark against the intrusion of the  
444 market into the domestic domain' (2004: 380) -- and that manufacturers of convenience foods  
445 acknowledge this in their utilization of moral resources in the development and marketing of  
446 branded products.<sup>23</sup>

447           Key to the moralization of convenience food is the common assumption of a link between  
448 the rising consumption of pre-prepared ready-meals and other processed foods and the alleged  
449 decline of cooking skills and domestic competency. For example, Grinnell-Wright et al. report on the  
450 declining number of UK adults who describe themselves as skilled and willing cooks who frequently

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<sup>23</sup>           How such moralized discourses are appropriated and understood by consumers will be explored in the ethnographic phase of our current research.

451 cook from scratch, with one in six people saying that they cannot cook and more than half saying  
452 that they do not consider food important compared to other everyday social and cultural activities  
453 (2013: v). What they refer to as a 'well-evidenced decline in basic cooking skills' and a 'no cook  
454 culture' is, however, strongly contested elsewhere in the literature (cf. Murcott 1997, Meah et al.  
455 2011). While some studies suggest that a lack of cooking skills is a strong predictor of ready-meal  
456 consumption (van der Horst et al. 2010), assertions about the de-skilling, de-domestication and  
457 redundancy of traditional cooking skills (Reed et al. 2003) are often based on relatively thin or  
458 increasingly dated evidence such as that provided by Caraher et al. (1999). This is an area in which  
459 more research is urgently needed, including a more consistent definition of what should count as  
460 basic cooking skills (cf. Short 2006). An assumed deficit of cooking skills has also often featured in  
461 the discursive history of diet and nutrition where normative judgements abound.

462

### 463 **Convenience food in the discursive history of health and nutrition**

464 The negative associations of convenience food for public health have been widely discussed in the  
465 medical literature which posits a link between high levels of consumption of such foods and a range  
466 of health-related issues including increasing obesity rates (cf. van der Horst et al. 2010, Alkerwi et al.  
467 2015). While the nutritional consequences of specific diets have been subject to heated debate,  
468 many health experts advocate a strongly normative position, encouraging individuals to eat less  
469 sugar, salt and saturated fats. Rather than prescribing what consumers should or should not eat, we  
470 seek to understand the place of convenience food within the discursive history of health and  
471 nutritional advice. This history includes the invention of a series of measures, such as the body-mass  
472 index (BMI), sodium intake and fibre density that tend to separate 'good' from 'bad' eating practices  
473 and enable the moralization of those who consume 'too much' of the 'wrong' kinds of food. As the  
474 history of the BMI demonstrates, the medical basis of such measures is disputed and their social  
475 implications are deeply contested (cf. Guthman 2013). Within these discursive histories, different

476 types of food have shifted from being lionized (as modern and progressive) to being demonized (as  
477 harmful and regressive) – see, for example, Levenstein’s (2012) entertaining history of American  
478 food fears.

479         In a Belgian study, Geeroms et al. (2008)<sup>24</sup> explore the link between health-related  
480 motivation and ready-meal consumption. Based on an on-line survey of just under 2000  
481 respondents, the researchers used a combination of statistical techniques (cluster analysis and  
482 ANOVA) to identify five consumer segments, labelled energetic experimenters, harmonious  
483 enjoyers, normative carers, conscious experts and rationalists. These clusters are assumed to be  
484 discrete, with no overlapping membership, and people’s behaviour can then be ‘read off’ from their  
485 stated motivation. So, for example, attitudes to ready-meals were generally rather negative among  
486 all groups, with the energetic experimenters and conscious experts showing significantly more  
487 positive attitudes than those in other clusters.

488         Commenting on the nutritional value of convenience food, Ahlgren et al. (2004: 160) suggest  
489 that ready-meals are usually found to contain too much fat and too little energy to meet the  
490 nutritional needs of healthy adults. These characteristics help explain why their survey respondents  
491 held negative beliefs about frequent consumers of ready-meals. As reported earlier, an analysis of  
492 the nutritional content of 100 ready meals purchased from three UK supermarkets found that none  
493 of the meals fully complied with WHO dietary guidelines (Howard et al. 2012). However, the same  
494 study also explored the nutritional content of recipes cooked or recommended by TV celebrity chefs.  
495 These were found to be of even poorer nutritional content than ready-meals in terms of fibre  
496 density, carbohydrate and fat content but better in terms of sodium density, excluding salt added

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<sup>24</sup> Geeroms et al. (2008) understood ready-meals as ‘complete meals that require few or no extra ingredients, prepared by external procedures and designed to fully and speedily replace – at home – the main course of a home-made main meal’ (p. 704) and differentiated between six categories of ready meals: ‘frozen, hydrated, canned, bottled, fresh from supermarket and fresh from delicatessen’ (p. 707).



497 after cooking for seasoning.<sup>25</sup> The salt content of UK ready-meals remains high but was reported to  
498 have been reduced by 45% in the four years since a survey by the Food Standards Agency in 2003.  
499 Some dishes still contained >3g per portion which is more than half an adult's maximum daily  
500 recommended intake (FSA 2003, Consensus Action on Salt and Health 2007). Meanwhile, the  
501 adverse dietary consequences of convenience food are explored by Dixon et al. (2006) who make a  
502 direct link between the consumption of such foods and increased rates of obesity and over-weight.  
503 An attitudinal study of over 1000 Swiss consumers also reported that overweight adults (BMI >25)  
504 are more positive about the nutrient and vitamin content of ready-meals than 'normal weight'  
505 adults (van der Horst et al. 2010).

506 As the previous reference to Warde's (1997) culinary antinomies suggests, consumers often  
507 make trade-offs between the perceived benefits and drawbacks of different kinds of food. Based on  
508 the use of consumer value maps comparing attitudes towards home-made meals, take-out food and  
509 eating out (as general 'meal solutions') and specific types of ready-meal (such as frozen pizza and  
510 chilled hot-pot), Costa et al. (2007) report how Dutch consumers trade off perceived sensory and  
511 health-related benefits with a range of convenience features associated with the acquisition,  
512 storage, time-saving and stress-avoidance aspects of ready-meals.

513

## 514 **Environment, sustainability and waste**

515 Environmental issues receive much less attention in the literature on convenience food than health-  
516 related issues. Consumers are reported to place little emphasis on environmental and sustainability  
517 issues when making their purchasing decisions (Defra 2012b: 3.8).<sup>26</sup> One recent report by the

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<sup>25</sup> This finding challenges the view that switching from convenience food to home cooking will inevitably lead to improved nutrition.

<sup>26</sup> A 2012 survey of >2000 UK adults similarly found that the environmental impact of food ranked lowest in terms of the importance that consumers attached to a list of twelve factors when shopping for food. The highest ranked were taste (96%), quality (95%) and price (93%). Environmental factors were considered important by 53% of respondents (Which? 2013: 21).

518 Consumers' Association in association with the UK Government Office for Science goes further,  
519 arguing that, while many consumers could make a link between food and health, few had much  
520 knowledge of where their food comes from or how it is produced. Put more bluntly, participants in  
521 this public dialogue were said to have been 'shocked to hear about the impact of food production on  
522 climate change, the environment and water shortages' (Which? 2015: 3). 'Convenience' was  
523 frequently cited as a key issue for participants as few considered that they had the time (and in  
524 some cases the skills) to cook all their meals from scratch every day. Rather, food needed to fit into  
525 their lifestyles with food choices reflecting the time available to shop and/or to prepare meals (ibid.:  
526 16).

527 Defra's Sustainable Consumption Report highlights the difficulties in agreeing what  
528 constitutes a sustainable healthy diet, asking what such diets might look like in practice and how far  
529 they align with current eating patterns (2013: 14). The report acknowledges that sustainability is an  
530 elusive term combining social, environmental and economic aspects and that much food-related  
531 behaviour is not based on rational choice (ibid.: 23). The main exception to the general finding that  
532 sustainability issues are rarely mentioned in connection with convenience food is the link consumers  
533 sometimes make between convenience and waste (particularly in relation to food packaging and the  
534 energy demands of producing, processing and preparing convenience food).<sup>27</sup> Defra's Food  
535 Synthesis Review concluded that the evidence on the sustainability impacts of consumer food  
536 behaviours was 'still emerging' (2009: 1). The independent Institute for Applied Ecology in Germany  
537 recently tested the CO<sub>2</sub> emissions of five different frozen foods (rolls, peas, chicken ragout with rice,  
538 pepperoni pizza and hash browns) and compared them with a home-cooked and a chilled version of  
539 the same products. It concluded that there was no significant difference between their respective  
540 carbon footprints (Öko-Institut e.V. 2012). A Swiss study concluded that the (aluminium) packaging

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<sup>27</sup> Not all food packaging is wasteful, of course, as appropriate packaging can reduce waste by increasing a product's shelf-life. Recent innovations such as multi-portion/split packs and re-sealable bags have been introduced in an attempt to reduce food waste (Packaging News, 4 March 2013). For an assessment of different methods for waste minimization in the convenience food industry, see Darlington et al. (2009).

541 of lasagne ready-meals had a lower environmental impact (in terms of CO<sub>2</sub> emissions) than the  
542 energy invested during the production process and during the storage and preparation of food by  
543 consumers (Büsser & Jungbluth 2009). Yet, these ‘food-climate balance reports’ are based on very  
544 specific, and not necessarily realistic, experimental settings. By increasing the storage time of the  
545 frozen lasagne, for instance, from one month to one year, the product’s energy balance increased by  
546 260% (ibid.: 14). Furthermore, even if the sustainability impacts of food choice are known and there  
547 is a willingness to engage in more sustainable consumption practices, many other factors seem to be  
548 prioritised by consumers. For example, Defra’s Food Synthesis Review cites a 2008 TNS Omnibus  
549 survey that showed that when purchasing food, consumers spontaneously rated price (51%) and  
550 quality (39%) far ahead of environmental factors such as ‘food miles’ (4%), packaging (3%),  
551 sustainability (2%) and impact on landscape or wildlife (2%).

552           Reflecting on the difficulties in judging the environmental costs of different kinds of  
553 behaviours, Warde et al. conclude that ‘When it comes to considering environmental impacts we  
554 should be sensitive to those devices which might eliminate the need for travel ... for example home  
555 shopping, working from home, home delivery services and so forth’ (1998, no pagination). It is also  
556 significant that control over time and space and the coordination of different tasks is what Warde et  
557 al. call a key late-modern marker of privilege with important environmental consequences because  
558 of the inherent tendency to further ratchet up demand for more goods and services. Warde et al.  
559 also explore the environmental implications of prioritising convenience including its effect on the  
560 spread of consumer durables and the rate at which older technologies are replaced, all of which  
561 have implications for energy demand (see also Botonaki & Mattas 2010, Brunner 2014).

562

### 563 **Convenience as practice**

564 Having undertaken an extensive review of the literature on convenience food, from a wide range of  
565 theoretical perspectives, we wish to propose an alternative way of framing the subject by

566 approaching convenience food through a 'theories of practice' lens. The approach is outlined in  
567 general by Reckwitz (2002) and in the context of consumption research by Warde (2005) -- see also  
568 Delormier et al. (2009) and Everts et al. (2011). By focusing on specific practices (such as shopping,  
569 cooking and eating), the approach offers an alternative to the way 'convenience' food is reified in  
570 much of the literature, conflating distinct activities that would benefit from more careful  
571 conceptualization and closer empirical scrutiny.

572           In formal terms, a practice can be defined as a routinized type of behaviour which consists of  
573 bodily activities, forms of mental activity, material things and their use, background knowledge and  
574 forms of understanding, 'know-how', states of emotion and motivational knowledge (Reckwitz 2002:  
575 249). Practices are constituted through a nexus of 'doings and sayings' (Schatzki 2002), becoming  
576 routinized in repetitive performances that are guided by models of appropriate conduct but which  
577 are always subject to improvisation. Though some practice theorists might disagree, Warde (2016)  
578 argues that the theory emphasises doing over thinking, practical competence over strategic  
579 reasoning, mutual intelligibility over personal motivation and body over mind. Rejecting the primacy  
580 of individual agency or social structures, practice theorists take *practices* as the unit of analysis.  
581 Practices can be understood at the level of performance (such as the practice of eating a meal) or as  
582 entities, where the compound character of practices such as eating becomes evident through their  
583 tendency to become embedded within a complex of other practices and arrangements (such as car-  
584 borne travel and supermarket shopping and the socio-technical apparatus of refrigeration and  
585 microwave cooking). Practice theorists also emphasise the way practices become routinized as part  
586 of everyday life, performed in a habitual manner rather than being subject to constant reflection and  
587 self-conscious deliberation.

588           Such an approach can be used to account for the way convenience food has been taken up  
589 as part of consumers' everyday lives, relying on complex socio-technical systems, elaborate  
590 manufacturing and retail infrastructure, and skilful consumers with the competence to use these  
591 complex arrangements as part of their dietary routines. Viewed through a practice-theory lens, the

592 popularity of convenience food suggests that it has a good 'fit' with the routines and rhythms of  
593 consumers' other food-related practices and with the often-competing demands of their working,  
594 family and leisure commitments. The consumption of convenience food is also clearly associated  
595 with particular emotional states and motivational knowledge such as those associated with 'feeding  
596 the family' under conditions that are often time-pressed and harried, involving competing social  
597 schedules and the orchestration of complex domestic routines.

598           With its emphasis on convention, habit and routine, practice theories place little emphasis  
599 on individual choice, emphasising how 'choices' are embedded within the contingent settings of  
600 social life. Practice theory therefore has important implications for current thinking about behaviour  
601 change and the model of 'informed choice' on which it is based. This might be seen as a significant  
602 advantage of theories of practice over other approaches which place more emphasis on consumers'  
603 expressed intentions or reported behaviour. Practice theory focuses, instead, on the way individual  
604 'choices' are caught up in wider routines and habitual behaviours. For, as Stieß and Rubik argue in  
605 the context of climate change mitigation, 'because these routines are being carried out habitually,  
606 they are almost completely inaccessible for cognitive approaches or reflexion' (Stieß & Rubik 2015:  
607 39). Rather, any change towards more sustainable or healthier modes of consumption must be  
608 approached in a more systemic way *at the level of practice* rather than in terms of the individuals  
609 who carry out those practices. Applied to convenience food, one might probe the 'stocks of  
610 knowledge' and the actual social practices that consumers use to incorporate particular kinds of  
611 food (or combinations of food) into their everyday lives rather than berating them for their poor  
612 dietary choices.<sup>28</sup>

613           Adopting a theories of practice approach, Halkier demonstrates how the use of convenience  
614 food 'is embedded in the complex practices, processes and conditions of ... everyday life' (2013:  
615 123). Rather than taking a normative approach which frames convenience food as an inferior or

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<sup>28</sup> See Meah and Watson (2011) for a similar approach, applied to the study of domestic cooking or  
Evans (2011) for a study of the domestic practices that contribute to the generation of household food waste.

616 problematic category in nutritional or environmental terms, Halkier suggests that research should  
617 focus on the way convenience food is *used, appropriated and made sense of* in everyday life (ibid.:  
618 126, emphasis added). From this perspective, she suggests, understanding convenience food might  
619 be reframed in terms of its relation to a range of other social practices such as parenting,  
620 transportation, socialising, relationships and health. Any interventions, designed to increase the  
621 health or sustainability of convenience food, would need to address this wider nexus of social  
622 practices, as well as understanding what Halkier calls the ‘do-ability’ of consumer practices (ibid.:  
623 130), understood in terms of what is technically possible and what is culturally appropriate (cf. Prim  
624 et al. 2007).

625           Despite its emphasis on routinization and habituation, practice theory also attends to the  
626 way people are recruited to new practices and how long-established practices gradually fall out of  
627 favour. From this perspective, the dynamics of social practice can be seen as the accumulation of  
628 many small-scale changes (cf. Shove et al. 2012). Rather than emphasising the role of individual  
629 agency, however, practice theorists emphasise the role of the social environment in supporting  
630 change (via an emphasis on context, setting and situation). From a practice-theory perspective,  
631 dietary change and the adoption of new culinary practices are likely to occur through a process of  
632 gradual accumulation and steady sedimentation (as consumers adopt new practices and abandon  
633 older ones) rather than through rapid innovation or sudden transformation. Where change has  
634 been relatively rapid, as with the widespread adoption of convenience food across Europe and North  
635 America, practice theorists would seek to understand how such novel practices ‘fit’ the  
636 circumstances of people’s everyday lives, providing a culturally acceptable and technically feasible  
637 ‘solution’ to their current situation.

638           Above all, however, practice theory supports the need for a better understanding of the  
639 social practices, codes and conventions through which convenience foods are made meaningful –  
640 how they are appropriated and used in everyday life. Such an approach would explore the ‘stocks of  
641 knowledge’ with which consumers make sense of their food-related practices – as we plan to do in

642 the next phase of our current project, undertaking ethnographic observation, shopping ‘go-alongs’  
643 and kitchen visits with a diverse range of households in the UK and Germany to ascertain the way  
644 convenience foods are adopted as part of people’s everyday consumption practices.

645 Finally, a theories of practice approach sheds further light on the nature of convenience food  
646 as part of the compound practice of eating, acknowledging the way its consumption involves the  
647 coordination and integration of many other practices. Extending Warde’s (2013) argument about  
648 eating in general to the consumption of convenience food in particular, it is clear that it involves the  
649 integration of several other practices including the supplying and cooking of food, the organization  
650 of meals and aesthetic judgements of taste – each of which has its own autonomous logic and  
651 coordinating agents. Paraphrasing Warde, eating is a composite or compound practice: a matter of  
652 cultural convention rather than official regulation or enforcement, occurring mostly in private, being  
653 weakly organized, with limited coordination. This lack of central coordination, weak organization  
654 and low-level regulation may help explain why cooking practices (in general) and convenience food  
655 (in particular) have been subject to such strong moralization (see also Warde, in press).

656

## 657 **Conclusion**

658 This paper has provided a critical review of recent work on convenience food as a contested cultural  
659 category. The evidence shows that convenience foods cover a wide range of products and practices,  
660 and that the category itself is a chaotic conception in the terms outlined by Sayer (1992). Rather  
661 than attempting to generate a single definition of convenience food, this paper has sought to  
662 characterize the place of this complex and contested food category within the structure of the  
663 contemporary food market and within the context of consumers’ everyday social practices. Our  
664 review confirms Halkier’s (2013) argument that the contrast between ‘home-made’ and  
665 ‘convenience’ food is easily overdrawn as consumers frequently combine different kinds of food and  
666 different cooking and eating practices.

667           Having undertaken a review of the literature, we have proposed a ‘reframing’ of  
668 convenience food, using a ‘theories of practice’ approach to emphasise its socially embedded  
669 character and the complex socio-technical arrangements that constrain and enable its adoption as  
670 part of consumers’ everyday lives. More generally, this review has highlighted the importance of  
671 context and contingency in understanding convenience food including the social significance of  
672 domestic routines and the ‘do-ability’ of culinary innovation, in terms of what is technically possible,  
673 socially and economically feasible and culturally appropriate. The commercial success of  
674 convenience food can, we argue, be explained in these terms as ‘fitting in’ with consumers’ domestic  
675 routines and with their ways of ‘making sense’ of their busy lives, as well as being technically feasible  
676 (through innovations in industrial and domestic technologies) and practically possible (through  
677 changes in food retailing and supermarket shopping).

678           Finally, building on sociological insights from Warde (1997), we have attended to the  
679 moralization of convenience food, refusing to accept that ‘convenience’ and ‘care’ are mutually  
680 exclusive or dichotomous categories. For there is ample evidence in the studies reviewed here that  
681 the use of (some kinds of) convenience food can (in some circumstances) be an expression of care  
682 within families rather than indicating a dereliction of parental responsibility or an absence of care.  
683 The moralization of convenience food is, we suggest, a major obstacle in understanding the social  
684 dynamics of contemporary food consumption and a significant barrier in attempts to pursue a  
685 healthier, more sustainable, diet. Reframing our understanding of the place of convenience food  
686 within the social practices of everyday life represents an alternative way forward, avoiding many of  
687 pitfalls that have beset existing studies.

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691 **References**

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