

Expressivism and Cognitive Propositions*

James L. D. Brown

Note: This is the penultimate draft, accepted for publication in the Journal of the American Philosophical Association – please quote or cite from the published version

Abstract Expressivists about normative thought and discourse traditionally deny that there are non-deflationary normative propositions. However, it has recently been suggested that expressivists might avoid a number of problems by providing a theory of normative propositions compatible with expressivism. This paper explores the prospects for developing an expressivist theory of propositions within the framework of cognitive act theories of propositions. First, I argue that the only extant expressivist theory of cognitive propositions – Michael Ridge’s ‘Ecumenical Expressivist’ theory – fails to explain identity conditions for normative propositions. Second, I argue that this failure motivates a general constraint – the ‘unity requirement’ – that any expressivist theory of propositions must provide a unified nonrepresentational explanation of that in virtue of which propositional attitudes have the content that they do. Third, I argue that conceptual role accounts of content provide a promising framework in which to develop an expressivist theory of cognitive propositions.

Keywords metaethics; expressivism; propositions; cognitive propositions; ecumenical expressivism

1. Introduction

Expressivists about normative thought and discourse have a problem with propositions. According to such philosophers, normative thought and discourse is

* Thanks to Matthew Chrisman, Giles Howdle, Jessica Isserow, Silvia Jonas, Jiwon Kim, Sebastian Köhler, Nicholas Laskowski, Michael Ridge, Saranga Sudarshan, Christine Tiefensee, Teemu Toppinen, Herman Veluwenkamp, Silvan Wittwer, and two anonymous referees for helpful comments and feedback on earlier drafts of this paper. Thanks also to audiences at Arché at the University of St Andrews, the Mind, Action, and Language Group at the University of Porto, and the University of Manchester.

not fundamentally in the business of attributing normative properties or relations to things. Whatever propositions are, it is generally assumed, they are the kind of thing that involve the attribution of properties and relations to things. Hence, expressivists have traditionally rejected the claim that normative assertions and attitudes have normative propositions as their contents, other than in a deflationary and non-explanatory sense.

By rejecting normative propositions as the objects of normative attitudes in any explanatory sense, however, expressivists deprive themselves of an invaluable theoretical resource. By positing propositions, we can provide straightforward explanations of various features of our thought and discourse that are otherwise difficult to explain (Cartwright 1962; Schroeder 2013a). For example, we can provide a straightforward account of what it is that two people think when they think the same normative thought, or what is affirmed by a normative statement and denied by its negation. Moreover, we can provide a straightforward explanation of inferences such as: Sophie believes that giving to charity is good; Adam doubts that giving to charity is good; therefore, there is something that Sophie believes and Adam doubts – viz. the proposition that giving to charity is good. Further, expressivists have difficulty explaining modal normative claims such as “Veganism might be morally required” if the modals that figure in such claims do not operate on normative propositions.

These considerations are not exhaustive. Given their theoretical utility, it would be highly desirable if expressivists could appeal to normative propositions in their theoretical ontology (Schroeder 2013a, 2015). This is especially so given that expressivists typically accept the use of propositions for factual or descriptive domains of discourse. What expressivists need is a conception of propositions according to which normative propositions, while having the properties necessary to be the objects of attitudes, do not involve the attribution of robust normative properties or relations.

What options are available? Orthodox conceptions of propositions will not do. For example, suppose one identifies a normative proposition with the set of possible worlds in which the proposition is true. This would mean that normative

propositions describe or pick out ways the world could be normatively. Or suppose that normative propositions are identified with Russellian n -tuples composed of objects and normative properties or relations. This would mean that normative propositions represent the instantiation of normative properties or relations. However, such views are incompatible with expressivism. Programmatically, expressivism can be understood as the conjunction of two theses. The first is the negative thesis that normative thought does not represent normative reality. This is then supplemented with a positive thesis, typically that normative thought has a distinctive practical or directive function. Whatever the positive thesis, accepting orthodox normative propositions conflicts with the negative thesis (though see Kalderon 2007). Instead, expressivists typically appeal to deflationary conceptions of normative propositions (e.g. Horwich 1993; Price 1994; Blackburn 1998; Köhler 2017). However, while deflationary propositions might vindicate the propositional appearance of normative discourse, they cannot be used to do explanatory work. So expressivists must look elsewhere.

A more promising candidate is found in so-called cognitive act theories of propositions (Carruthers 1989; Dummett 1991; Davis 2003; Soames 2010, 2014, 2015; Hanks 2015). According to such theories, propositions are ways of thinking and speaking. More specifically, propositions are certain kinds of cognitive acts or events. For example, Soames and Hanks independently argue that the proposition that the sea is blue just is the act type of predicating blueness of the sea. This act type is tokened in all concrete thoughts and speech acts with this content. Call such entities cognitive propositions. In the same way that expressivists aim to elucidate normativity by providing a psychological account of what it is to think normative thoughts, cognitive act theories aim to elucidate meaning and intentionality by providing a psychological account of what it is to have thoughts with propositional content. So expressivism and cognitive act theories appear to make natural bedfellows. Moreover, normative cognitive events types are clearly the kind of thing expressivism can allow in its theoretical ontology. This is in contrast to Russellian or possible worlds views, which respectively would require the expressivist to posit normative properties or normative ways the world can be. Or

at least, so long as normative cognitive events can be explained without appeal to normative properties. But this is something expressivists think anyway.

This paper examines the prospects for an expressivist theory of cognitive propositions that allows for normative propositions. I argue for three claims. First, I argue that the only extant expressivist theory of cognitive propositions – Michael Ridge’s ‘Ecumenical Expressivist’ theory – fails to provide a satisfactory account of the identity conditions for normative propositions (§2). Second, I argue that this failure motivates a general constraint – the ‘unity requirement’ – on any expressivist theory of propositions to the effect that any such theory must provide a unified nonrepresentational explanation of that in virtue of which propositional attitudes have the content that they do (§3). Third, I argue that conceptual role accounts of content provide a promising framework in which to develop an expressivist theory of cognitive propositions, proposing a novel account of predication within this framework (§4). While I do not fully defend the proposed account of predication, I highlight the broader explanatory burdens that would need to be discharged.

As well as providing an interesting application of the cognitive act framework, the possibility of an expressivist-friendly account of propositions has deep implications for metaethics (and elsewhere). For it challenges the widely held assumption that non-deflationary normative propositions are available only to cognitivist or descriptivist theories of normative thought and discourse. Thus, it should be a pressing question for expressivists and their opponents in any domain whether some such account is available.

2. Normative propositions in Ecumenical Expressivism

In this section, I briefly explain Ridge’s (2014) Ecumenical Expressivism and the theory of normative propositions therein. I then argue that the theory faces an instructive problem explaining the identity conditions for normative propositions.

2.1 *The theory*

The central claim of Ecumenical Expressivism is that normative claims express hybrid, relational states of mind (see also Schroeder 2013b and Toppinen 2013 for other 'relational' versions of expressivism). These are complex states comprised of a representational and nonrepresentational component. The nonrepresentational component is a kind of noncognitive practical stance (a 'normative perspective') which provides the agent with a set of policies about which standards of practical reasoning to reject and accept (Ridge 2014: 115). A standard is a rule which can be used in an action-guiding way as the basis of a practical judgment or decision (ibid: 40). The standards that make up an agent's normative perspective are 'ultimate', in that they are fundamental (not derived from other standards) and provide a complete guide to action (ibid: 116f). However, standards are ultimately explained in terms of what it is to accept a standard, where this is to be disposed to issue the relevant prescriptions and intuitively endorse them (ibid: 111f).

The representational component of the state expressed by a normative claim on this view is a robustly representational belief. The belief is indexed to the agent's normative perspective such that, for any normative judgment, the object of evaluation is evaluated or 'ranked' by the standards not ruled out by the agent's normative perspective (ibid: 119). The exact nature of the ranking will depend on the normative predicate employed in the claim (e.g. very roughly, 'good' will mean 'ranked high', while 'bad' will mean 'ranked low'). While the content of the representational component is robustly representational, the overall content of the normative claim itself is not identified with any representational content. Rather, it is irreducibly normative.

To illustrate the above, consider the following example:

(1) "Giving to charity is good."

According to Ecumenical Expressivism, (1) conventionally expresses the relational state of mind comprised of:

- (1a) A normative perspective.
- (1b) The belief that giving to charity is highly ranked by any admissible ultimate standard of practical reasoning.

The state expressed is relational in virtue of the concept of an *admissible standard*, which refers to the standards not rejected by the normative perspective of the speaker (ibid). As different speakers will have different normative perspectives, (1a) and (1b) together comprise the relational state type that is multiply realized by any agent that tokens the state expressed by (1). Logical complexity is then 'offloaded' to the representational component of the state, which sets the stage for Ridge's attempt to solve the Frege-Geach problem (ibid: 144ff). For example, the claim "If giving to charity is good then Socrates would approve of it" would express the multiply realizable relational state comprised of (1a) together with *the belief that if giving to charity is highly ranked by any admissible ultimate standard of practical reasoning then Socrates would approve of it*.

Thus far, this account has explained normative thought and discourse without recourse to normative propositions. But, as I argued above, there are lots of good reasons for everyone to recognize normative thought and discourse as propositional. To accommodate normative propositions within Ecumenical Expressivism, Ridge appeals to Scott Soames' (2010, 2014, 2015) cognitive act theory of propositions. For Soames, the nature of propositional content is explained by concrete cognitive activity. On this view, propositions just are certain types of cognitive acts or events. (I'll follow Soames in assuming that acts are events rather than, say, processes.) More specifically, propositions are acts that are tokened in representational activity: "*Propositions are repeatable, purely representational, cognitive acts or operations the performance of which results in concrete cognitive events; to entertain a proposition is to perform it.*" (Soames 2015: 16 original emphasis) Identity conditions for propositions are specified in terms of the essential representational properties of such acts.

So, for example, consider the proposition that the sea is blue. According to Soames, this is identified with the cognitive act type of representing the sea as being blue. Judging, asserting, imagining, etc., that the sea is blue are all *ways* of entertaining this proposition. To perform any of these acts is to token the act type of representing the sea as being blue. Thus, the identity conditions of the proposition that the sea is blue are explained in terms of representational properties of concrete acts of representing the sea as being blue. With this basic notion of entertaining a proposition in place, other propositional attitudes and acts can be defined in terms of it. For example, to judge that the sea is blue is to perform that predication in the affirmative manner, where this is cashed out in terms of its role in one's cognitive economy (Soames 2015: 18). To believe that the sea is blue is to be disposed to judge that the sea is blue; and so on (Soames 2014: 97, 2015: 18f).

For Soames, as for most others, propositional thought is *eo ipso* representational. Hence, in order to accommodate normative propositions, the expressivist needs to broaden the relevant class of cognitive event types that constitute propositions. This is analogous to the more familiar expressivist move of broadening the relevant class of mental states that are 'beliefs' to include not only robustly representational beliefs, but any mental state conventionally expressed by sincere utterances of declarative sentences (Ridge 2014: 128). Whereas Soames appeals to an intuitive antecedent understanding of 'representing' out of which propositional acts and attitudes can be defined, Ridge reverses the order of explanation. First, he provides an account of what it is to believe, desire, assert, fear, etc., the normative claim that *p* without any appeal to the proposition that *p*. Second, he abstracts away from each case to that cognitive event type that is tokened in all and only those acts and attitudes. The idea is that each such act or attitude is (or stands in a relation to) a way of entertaining the normative proposition that *p*.

Given the highly plausible assumption that events and states are distinct metaphysical categories (Kenny 1963; Vendler 1967; Mourelatos 1978; Steward 1997), this immediately faces the problem that we cannot derive an event type from various different states. The problem arises because Ecumenical Expressivism

provides only a theory of normative mental states and not events. Soames' theory avoids any such problem by treating representational acts as explanatorily fundamental. In this way, mental states (e.g. beliefs) can have propositional content by standing in appropriate relations to mental events (e.g. judgments) that token the relevant cognitive acts. The problem for Ecumenical Expressivism is that normative thought is partly explained in terms of an agent's normative perspective, which is fundamentally a state with no obvious event-counterpart. To be fair, Ridge (2014: 128n) acknowledges the problem and suggests some solutions. But however the problem is resolved, the objection raised in the next section still goes through. So I will assume for the sake of argument that there is some available solution.

Modulo the qualifications of the previous paragraph, Ecumenical Expressivism claims that being in the state of mind comprised of (1a) and (1b) is one way of entertaining the proposition that giving to charity is good. Clearly, however, this is not the only way to entertain the proposition. The proposition that giving to charity is good can also be entertained in other propositional attitudes, such as desire, doubt, hope, etc. However, it is easy to see how the account can be generalized. For example, consider the doubt that giving to charity is good as the complex state of mind comprised of:

- (2a) A normative perspective.
- (2b) The doubt that giving to charity is highly ranked by any admissible standard of practical reasoning.

Here, the 'that'-clause in (2b) denotes a representational content indexed to the agent's normative perspective in the same way as (1b) (ibid: 148). This move can then be applied *mutatis mutandis* to other attitude types. Further, Ridge notes that it is possible to entertain a normative proposition whereby one 'simulates' a normative perspective, where this is run 'off-line', such as when one 'merely entertains' that *p* (ibid: 128).

The proposition that giving to charity is good is then identified as the minimal cognitive event type tokened in relational states $\langle(1_a), (1_b)\rangle$, $\langle(2_a), (2_b)\rangle$, and so on (again, modulo the above qualifications). In contrast to the representational case, it is somewhat harder to intuitively grasp what this act type this consists in. However, it should be clear that it is the act type all instances of which involve the following features: (i) a component with a stable descriptive content; (ii) an actual or simulated normative perspective; and (iii) the structural relation between (i) and (ii) encoded by the concept of *being ranked highly by any admissible ultimate standard of practical reasoning*. It is in virtue of this concept that the component with stable representational content is necessarily tied to the agent's normative perspective in every possible instance of entertaining the proposition that giving to charity is good.

2.2 *The Problem*

The real problem for Ridge's theory is that it presupposes rather than explains identity conditions for normative propositions. Whatever a theory of propositions is for, presumably it should explain their identity conditions, i.e. the conditions under which propositions are individuated and distinguished from one another. (Hence the SEP page on propositions states: "any good theory of propositions ought to have something to say about when propositions are identical and when they are distinct." [McGrath & Frank 2018].) For example, on the possible worlds conception, propositional identity is explained in terms of set identity: p and q are identical just in case p and q have the same worlds as elements. Or on the Russellian conception, propositional identity is explained in terms constituents and ordering: roughly, p and q are identical just in case p and q have the same constituents in the same ordering. The Ecumenical Expressivist conception, on the other hand, fails to provide principled identity conditions for normative propositions. Hence, it is explanatorily inadequate.

To see why Ridge's theory presupposes rather than explains identity conditions for normative propositions, consider the following comparison. We

saw above that for Soames, propositions are not just representational cognitive acts, but *purely* representational cognitive acts. This is because there are far more representational cognitive acts than there are propositions: “the acts of *predicating humanity of Plato* (i) *on Thursday*, (ii) *in Peru*, (iii) *while dancing*, (iv) *in giving a lecture*, or (v) *when speaking in a whisper* all represent Plato as being human, even though we would not be happy thinking of them as propositions.” (Soames 2015: 70 original emphasis) If any representational cognitive act were a proposition, then *predicating humanity of Plato on Thursday* would be a distinct proposition from *predicating humanity of Plato*. But it is implausible that there is any such proposition. However, if cognitive propositions are purely representational, then the act type of *predicating humanity of Plato on Thursday* is not a proposition. This is because the condition of the act being on Thursday does not contribute in any way to representing Plato as human.

Importantly, the ‘purely’ constraint is not an ad hoc fix to a problem of deviant or gerrymandered cases. Rather, it is a consequence of Soames’ commitment to explaining the nature of propositions in terms of concrete *representational* activity. We will explore the significance of this in the next section. For now, however, we can ask the following question of Ridge’s theory. For any normative claim p , and for the cognitive act types

- (A₁) entertaining p
- (A₂) entertaining p on Thursday,

in virtue of what is (A₁) a proposition but (A₂) not a proposition? As far as I can see, Ridge’s theory offers no answer to this question and effectively stipulates that only the former kind of act can play the object of attitude role. Which is just to say that the account presupposes identity conditions for normative propositions rather than explains them. There are many more normative cognitive act types than normative propositions, and Ridge’s theory provides no principled way of delineating the latter class from the former.

One possible response would be to highlight that because the theory of propositions is explanatorily downstream from the theory of attitudes, there is no real worry here. Seeing as we begin with an account of what it is to judge, doubt, etc., that p , the response goes, and only then go on to abstract the proposition that p from this account, there is no possibility of deriving acts like (A₂) as propositions. However, there is no reason why we cannot provide an account of what it is to judge, doubt, etc., that p on *Thursday*. Indeed, the account is the same other than the condition that the attitudes occur on a Thursday. It is true that we probably have no interest in giving an account of this kind of attitude. But that is a pragmatic question about our interests. Just as with Ridge's original account, we have a theory of a set of concrete attitudes from which we can abstract the act type (A₂) that is tokened in all and only those attitudes.

Another response would be to find some property that (A₁) possesses and (A₂) lacks in virtue of which (A₁) but not (A₂) is a proposition. Given the hybrid nature of normative thought, perhaps we might say that the act of entertaining a normative proposition must possess the conjunctive property of having some *purely representational* component, some *purely practical* component, and no other component, where 'purely practical' picks out the relevant action-guiding property in virtue of which normative judgments settle the thing to do. To make good on this suggestion, one would need to cash out the notion of 'purely practical' without begging the question about what sort of acts can be purely practical. The notion must be related to guiding action. However, it cannot be related in just any way. For example, suppose that while entertaining the proposition that I ought to ϕ , I simultaneously experience an unconnected occurrent desire to ϕ (or manifestation thereof). Insofar as this desire might determine my actions or intentions to act, on what grounds can we exclude this desire from being 'practical' in the relevant sense? Further, suppose I entertain the proposition that I ought to ϕ by imagining that I ought to ϕ . Such an act bears no direct link to action or intention, yet must still be a realization of an act type that has a 'purely practical' component. So 'purely practical' must somehow include these cases as well.

These considerations are not decisive. For example, perhaps we might primarily appeal to the purely representational component, and then derivatively pick out the practical components necessarily implicated by the representational component. However, even assuming a suitable notion of ‘purely practical’ can be provided, it’s not clear that this response does anything other than restate the original worry. Why is it that only act types with this conjunctive property are normative propositions? The appeal to the property of being purely practical is not simply meant to provide an account of what is distinctive about the nonrepresentational component of normative propositions. Rather, the property was meant to (partly) explain that in virtue of which cognitive act types that possess the conjunctive property are propositions. However, it is not at all clear what such an explanation would look like.

In the next section, I argue that the very *form* of this kind of explanation is problematic. This is because the approach posits an implausible explanatory bifurcation regarding why representational and normative cognitive acts can play the role of propositions. As we will see, this motivates a desideratum on *any* expressivist theory of propositions.

3. The unity requirement

I propose that any expressivist theory of propositions must conform to the following desideratum:

Unity requirement. Expressivists need a unified explanation of that in virtue of which our cognitive acts and attitudes have propositional content.

By ‘unified’, I mean that this explanation should hold for all domains of propositional thought. Because expressivists must hold that some propositions are not purely representational, this general story must appeal to some other,

nonrepresentational (or at least not purely representational) unifying property of propositional thought.

Using Ridge's theory as an illustrative example, suppose that we fully cash out the notion of 'purely practical' in such a way as to successfully delineate the subclass of normative propositions from the class of normative cognitive act types. However, it's unclear whether this could adequately *explain* the individuation conditions for normative propositions. The problem is not that normative propositions are distinct in kind to representational propositions – since both fall under the broader heading of cognitive act types, normative and representational propositions can be understood as different species of a unified genus. And the problem is not a lack of uniformity as such – after all, expressivism is premised on the idea that there is an important disunity between normative and representational thought. Rather, the problem is that in each case we have a completely different explanation regarding *that in virtue of which* the respective domains of thought are propositional.

This is a problem because the account implies a conjunction of the following form: (a) event type *R* can play the role of propositions in virtue of the *F*-properties of representational thought; and (b) event type *N* can play the role of propositions in virtue of the *G*-properties of normative thought. This seems strange. Given that *R* and *N* play the same role (objects of attitudes), is it plausible that they could both do this for completely different reasons? Shouldn't we expect some unifying feature of each domain to explain how *R* and *N* could play the same role and stand in the right sorts of relations to each other? For example, any arbitrary proposition must be able to stand in the right sort of inconsistency, entailment, and independence relations to any other arbitrary proposition. This is true regardless of whether the propositions in question are normative or representational. In the absence of any unifying properties common to each domain of thought, it would be a coincidence or unexplained fact that the propositions of each domain are apt to play the role that they do. And if there is some further underlying common feature that does explain this, then (a) and (b) do not provide the full explanatory story.

Perhaps one might respond that while it would be *desirable* to have a unified explanation, there is no reason to think that this is a *requirement*. After all, the thought goes, there is something special about normative thought and discourse, and so there is no reason to rule out an explanatory bifurcation along more traditional expressivist lines. Although nothing I have argued strictly rules out this approach, I think there are reasons to think that a unified explanation is indeed a requirement. First, expressivists about the normative domain are often sympathetic to expressivism in other domains of discourse. On the assumption that there would be strong reasons to posit propositions in these other domains, we would no longer have an explanatory bifurcation, but a distinct explanation for each domain. Second, and relatedly, the motivation for positing normative propositions was to avoid unacceptably ad hoc explanations about unified phenomena (e.g. quantification over attitude contents, treatment of modals, etc.). However, by providing distinct explanations of the shared properties of different kinds of propositions, we simply introduce new ad hoc explanations at a different explanatory level.

If we accept the unity requirement, a diagnosis of the failure of Ridge's theory is that it retains too much of the representationalist paradigm of Soames' theory while trying to break away from it in a select case. Ridge is committed to explaining the logical properties of normative propositions as derivative from their representational properties (2014: 144ff). However, act types such as *predicating humanity of Plato on Thursday* possess exactly the same kind of representational properties yet do not plausibly stand in consistency and entailment relations. (It is not clear whether it is even intelligible that *predicating humanity of Plato on Thursday* could entail or be entailed by anything.) By explaining the identity conditions of propositions in terms of what and how they represent, we provide no principled grounds for accepting Ridge's normative propositions while rejecting Soames' deviant examples. Both are cases of impurely representational acts of predication. In light of this, the representationalist paradigm for explaining propositional content should be rejected by expressivists.

Although I have used Ridge's theory as an illustrative example, the unity requirement supplies a general constraint on any expressivist theory of propositions. But what implications does this have for the prospects for an expressivist theory of cognitive propositions? Extant theories of cognitive propositions assume a broadly representationalist explanatory framework. However, it's not obvious that such a framework is essential to the basic idea that propositions are types of cognitive acts or events. In the next section, I outline a novel way of thinking about the cognitive act of predication that respects the unity requirement but does not presuppose that predication is essentially representational. I then argue that the identity conditions for such acts can be explained in terms of the conceptual roles of their constituent concepts. This framework can be utilized by expressivists on the condition that they provide a suitably nonrepresentational characterization of the conceptual roles of normative concepts. It would be beyond the scope of this paper to settle this issue. However, given that many expressivists are sympathetic to conceptual role approaches, there is license for optimism for an expressivist theory of cognitive propositions.

4. Rethinking predication

In this section, I outline an alternative way of thinking about predication. I propose that predication might be understood as a kind of classification according to concepts and that the identity conditions of such acts can be derived from the conceptual roles of their constituent concepts. I then discuss whether the proposed account can be suitably nonrepresentational. While I do not settle the matter, I examine the explanatory burdens the expressivists would need to discharge in order to for such an account to respect the unity requirement.

4.1 A conceptual role account

Here's the plan. First, I propose that predicational acts be understood in terms of categorization. Second, I argue that thinking of categorisation in relation to concepts rather than properties provides a suitably neutral characterization of predication. Third, I argue that a nonrepresentational account of the identity conditions for acts of categorization might be achieved by exploiting resources from conceptual role accounts of content.

What is predication, understood as a cognitive act? Plausibly, it is an act of categorization. Indeed, this is how it is understood by extant cognitive act theories. For example: "Acts of predication are acts of sorting things into groups. When you predicate a property of an object you sort that object with other objects in virtue of their similarity with respect to the property." (Hanks 2015: 64) In other words, propositions are ways of categorizing. So in predicating (say) yellow of my scarf I am grouping my scarf with other objects, such as rubber ducks, daffodils, and Rothko's *No 14 No 10*. According to Hanks, this involves sorting these objects in virtue of their similarity to the property of *yellowness*.

If predication essentially involves categorization according to properties, then this will be of little use to the expressivist. However, it's not obvious that the notion of categorization presupposes such an understanding. (Should nominalists deny that there are any acts of categorization?) Moreover, there is a clear sense in which acts of normative predication involve sorting things into groups (the good, the right, etc.) that expressivists can and should accept. Whatever else is going on, or whatever exactly this consists in, no one should deny that when one applies a normative concept to something, one is categorizing that thing according to that concept. (Note that categorizing something according to a concept in this sense need not involve endorsing the categorization or judging it to be true.)

A neutral characterization of predication can be given if we semantically ascend from property-talk to concept-talk. On this construal, predication fundamentally involves the application and employment of concepts. That is, we sort things into groups according to our concepts, which provide us with certain rules or principles of categorization. This seems just as true with normative concepts as with any other. To say this is to say very little about the nature of

categorization, normative or otherwise. However, the description picks out the relevant phenomenon without presupposing that categorization must be explained in terms of properties or relations. In what follows, I am primarily concerned with exploring the theoretical possibilities that open up if we accept the concept-first approach, as opposed to arguing for the approach. However, one consideration in its favor is that a concept-first approach might be needed to differentiate between predicational acts involving necessarily co-extensive concepts with differing cognitive significance.

In order to develop these observations into a theory of cognitive propositions, we need an account of the identity conditions for acts of categorization. In order to be compatible with expressivism, this account must not individuate acts of categorization in terms of the properties or relations denoted by our concepts. (There are two ways of cashing out the rejection of explaining concepts in terms of the properties they denote. If one takes all properties to be ontologically robust, the rejection amounts to denying that normative concepts denote properties at all. Alternatively, if one takes allows for ontologically lightweight 'pleonastic' properties, then we can say that while normative concepts do denote properties, these properties play no role in explaining the nature of those concepts. Nothing hangs on which approach we take, but I think the latter approach is more in keeping with expressivism's project of accommodating the realist-sounding features of the discourse – c.f. Dreier's [2004] 'explanation explanation'.) Moreover, the account must be fully general to respect the unity requirement. In the remainder of the paper, I explore the idea that conceptual role accounts of content might provide expressivists with some helpful resources for explaining predication. While I won't defend the conceptual role approach here, it is worth noting that a number of expressivists are sympathetic to such an approach (e.g. Blackburn 2006; Båve 2013; Köhler 2017; Sinclair 2017; for discussion see Kalderon 2007: ch.2; Chrisman 2017).

On one prominent approach to conceptual role accounts of content, concepts are abstract objects individuated by their possession conditions (see Peacocke 1992; Wedgwood 2007; for other approaches to conceptual role theory

see Harman 1973; Field 1977; Block 1986; for an overview see Whiting 2006). The possession conditions for a concept specify the transitions to and from mental states involving that concept that an agent is disposed or rationally committed to making. The idea is clearest when applied to logical concepts. For example, Peacocke (1992: 6) proposes that the concept of conjunction is that concept C to possess which an agent must find the following transitions primitively compelling (i.e. not derived from or answerable to anything else):

$$A(C) \quad p, q \rightarrow p C q \quad p C q \rightarrow p \quad p C q \rightarrow q$$

At first glance, this might look promising because $A(C)$ individuates the concept of conjunction not in terms of what it represents, but in terms of its relational role in cognition. As we will shortly see, there is a complication that arises as to what role, if any, that reference plays in a complete account of concepts. I put this complication aside for now. What is important is that the above formula for identity conditions for concepts makes no appeal to their referential properties.

How do concepts fit into the cognitive act view? Concepts are components of thoughts. If concepts are abstract entities, then they are components of propositions. If propositions are cognitive acts, it follows that concepts are components of cognitive acts. A natural way to understand this thought is that propositions are complex acts comprised of sub-acts, and these sub-acts are what concepts are (the idea that concepts are event types is developed in detail by Davis [2003]; Hanks [2015] and Soames [2015] also endorse a structured view cognitive propositions as complex acts). Indeed, this way seems to demystify how concepts as abstract objects could be involved in concrete thought. In the simplest case, we can think of predication as a complex act type comprised of: (i) identification of the predication target; and (ii) application of a rule of categorization to the predication target. What makes it the case that an agent applies some concept C rather than C' and thus applies one rule of categorization rather than another is the transitions she is disposed or ought to make to and from judgments involving the concept (Hanks [2015: 23] and Soames [2015: 23] suggest a tripartite structure for

predication which involves a distinct sub-act of identifying or ‘expressing’ a property in addition to the sub-act of predicating that property of the target; given that the present account aims to give nonrepresentational individuated conditions for propositions, it has no need to invoke a distinct act over and above the application of the rule of categorisation). The identity conditions of cognitive propositions can then be given in terms of the individuating conceptual roles of their component concepts. Where p and q are cognitive propositions: p and q are identical just in case the constituent concepts in each act of predication license the same transitions to and from mental states with those contents.

Importantly, this model can explain why cognitive act types like *entertaining p on a Thursday* are not propositions. This is because the sub-act of ϕ -ing on a Thursday has no constitutive conceptual role – the act type of ϕ -ing on a Thursday is not plausibly individuated in terms of any transitions agents are disposed to make between mental states. So the act type is not a concept and therefore not a propositional constituent. Thus, *entertaining p on a Thursday* is not wholly individuated by its constitutive conceptual roles and is therefore not a proposition. Moreover, it’s worth re-emphasizing that concepts are here individuated as abstracta with an essential conceptual role. If they were individuated as mental representations, conceptual roles would arguably not determine the propositional content of a mental state. This might be because such roles differ across times and persons or because their holistic individuation. The present account faces neither problem.

4.2 A complication

The above framework outlines a way of conceptualizing cognitive propositions that is neutral with respect to whether propositional thought is eo ipso representational. It might therefore seem that the expressivist has a framework for theorizing about normative propositions that meets the unity requirement. However, now for the complication. While it is true that conceptual role theorists

like Peacocke and Wedgwood individuate concepts by their possession conditions, they make a further claim about such conditions. Namely, that to possess a concept is also to know what it is for something to be its semantic value or referent (Peacocke 1992: 23; Wedgwood 2007: 81). In other words, the essential features of a concept together with the world must determine what the concept denotes or refers to. This looks like a problem for the expressivist. The conceptual role theory of possession conditions was meant to provide a nonrepresentational explanation of conceptual content. But we now seem to have a view in which a concept's possession conditions determine a robustly representational content, which is what expressivists deny is true of normative concepts.

To illustrate the worry, consider Wedgwood's conceptual role theory for normative concepts. He argues that the concept of the practical ought is the unique concept to possess which an agent must meet (2007: 97):

A(O) Acceptance of the first-person proposition ' $O_{\langle me, t \rangle}(p)$ ' \rightarrow making p part of one's ideal plan about what to do at t .

On the face of it, this looks like exactly the sort of conceptual role that expressivists would endorse. According to A(O), our concept of 'ought' is an essentially practical concept not governed by any substantive input conditions for when to accept ought-propositions. However, Wedgwood takes A(O) to determine a robust normative property as the referent of 'ought'. Specifically, he claims that it picks out the weakest property of a proposition in virtue of which it is correct for an agent to make that proposition part of her ideal plan about what to do (2007: 100). So while A(O) itself might be specified independently of 'ought'-predications representing some property, it nonetheless determines a property as the referent of 'ought'.

Assume for argument that A(O) correctly individuates 'ought'. If Wedgwood's determination theory for A(O) is correct, then A(O) is incompatible with expressivism. But is the determination theory correct? A number of commentators have suggested that one might accept Wedgwood's theory of

possession conditions while rejecting his determination theory (Schroeter and Schroeter 2003; Sinclair 2017; Chrisman 2017). First, note that it is not obvious that $A(O)$ *presupposes* a realist determination theory. Even Peacocke (1992: 19) allows for the possibility of antirealist determination theories. Ruling out alternatives from start seems to beg the question. Further, it is unclear whether $A(O)$ itself supports Wedgwood's determination theory. As Schroeter and Schroeter (2003: 201) note, if 'ought' denotes a robust property, we would expect a subject who possessed that concept to have some sensitivity to that property. However, $A(O)$ provides no constraints about when a subject can form ought-beliefs (see also Sinclair 2017: 112f).

The real question, however, is if the expressivist is able to provide some alternative determination theory for normative concepts that is compatible with expressivism. To examine this prospect, it's important to see what role the determination theory is meant to play in a theory of concepts. Most centrally, the determination theory for a concept explains the correctness of the transitions specified in the possession conditions for that concept. Returning to conjunction, Peacocke (1992: 18) argues that $A(C)$ determines as its referent the classical truth function of conjunction, realistically construed. It does so because this is what makes the transitions specified in $A(C)$ truth-preserving. Because plans and intentions are not truth-apt, Wedgwood (2007: 99ff) uses a broader notion of correctness to characterize the transition specified by $A(O)$. Details aside, what matters here is that for Wedgwood it is the property referred to by 'ought' that explains the correctness of the transitions specified by its conceptual role.

This means that the expressivist who accepts $A(O)$ but rejects Wedgwood's determination theory owes us some explanation of the correctness of the governing transitions. What are her options? One possible answer comes from Sinclair (2017: 110), who suggests that we can provide a deflationary determination theory. According to this view, we can trivially determine the truth-conditional content of thoughts in terms of satisfying the deflationary T-schema: the thought that x is F is true iff x is F . Given that expressivists typically accept deflationism of some form or other, this might seem attractive. Another suggestion comes from

Schroeter and Schroeter (2003: 201f), who suggest that the semantic value of an atomic ought-sentence might be something like the semantic value of the performative sentence "I hereby intend to do x." Reformulating this suggestion at the level of concepts and mental content, we might think of this in terms of deciding to plan to do x. Something like this might look attractive to those sympathetic to Gibbard's (2003) plan expressivism.

It would be beyond the scope of this paper to adequately assess these approaches. Let me just note some problems that each account faces. First, consider the deflationary account. One worry is that it cannot explain the correctness of inferential transitions because deflated semantic notions cannot do any explanatory work. Putting the general worry aside, it is unclear how a deflationary determination theory for the concept 'ought' in particular could explain the correctness governing the transition from believing that ought(p) to intending to bring about p. By contrast, if we understand believing ought(p) as akin to deciding to intend to bring about p, this would plausibly explain the correctness of the transition from believing ought(p) to intending to bring about p. However, it becomes unclear how such a mental state can enter into logical relations with other mental states (though see Gibbard 2012: Appendix 2), or what it means for such a mental state to have a semantic value. One might also worry whether such an approach would respect the unity requirement.

These objections are neither exhaustive nor decisive. They are simply meant to illustrate the commitments incurred by an expressivist wanting to adopt the conceptual role framework outlined above. Whether some version of conceptual role expressivism is ultimately viable is a debate for elsewhere. The point here is that *if* the conceptual roles for normative concepts can be given an adequate nonrepresentational explanation, then expressivists have a suitable framework in which to explain cognitive propositions. (Likewise: *if* the cognitive act view is a plausible view of propositions, then expressivists have a suitable framework for thinking about normative propositions.) Given that a number of expressivists do in fact endorse some sort of conceptual role expressivism, this

provides an attractive framework in which to situate an expressivist theory of cognitive propositions.

Moreover, just as conceptual role expressivism can provide support for expressivist cognitive propositions, there is reason to think that the converse holds as well. Contemporary expressivists prefer to think of conceptual role accounts of content as *metasemantic* theories that explain that in virtue of which certain mental states have the content that they do (Chrisman 2016, 2017; Köhler 2017). This leaves a residual question about the nature of content itself that is determined by the metasemantic theory. It is precisely here that a conceptual role metasemantics can be supplemented with a theory of cognitive propositions to explain what the contents of mental states are. Indeed, without some such account, we have not ruled out the possibility that one's nonrepresentational metasemantics determines a robustly representational content, as with Wedgwood's proposal. (Köhler opts for a novel deflationary account of content, whereas Chrisman as far as I can tell leaves the question unaddressed.) So the two approaches to thinking about content are complementary. This point would also apply to Ecumenical Expressivism, in which Ridge endorses the view that expressivism is best seen as a metasemantic thesis. Indeed, Ridge (2014: 222) also suggests that Ecumenical Expressivism would fit well with conceptual role accounts of content. So the general framework should be compatible with various ways of implementing expressivism.

5. Conclusion

In sum, I have argued: (1) Ridge's theory fails to explain the identity conditions of normative propositions; (2) any expressivist theory of propositions requires a unified explanation regarding that in virtue of which thought is propositional; and (3) conceptual role accounts of content might provide an attractive explanatory framework within which to develop an expressivist theory of cognitive propositions. However, to fully defend an expressivist theory of cognitive propositions within this framework would require a full defense of the

compatibility of expressivism and conceptual role semantics, which expressivists are yet to give.

A final worry is that the proposed account is not really expressivist. After all, a theory of propositions is a theory of the objects of belief. But if we allow for belief in normative propositions, what is left of expressivism? The answer is that the proposed view retains the core expressivist thesis that normative thought and discourse is nonrepresentational – fundamentally, normative concepts do not denote normative properties and normative propositions do not represent reality. Moreover, the proposed account is compatible with the widely-held expressivist thesis that normative concepts are in some sense essentially practical or directive, though I have not argued the point here. Given the centrality of these claims to expressivist approaches to metaethics, it therefore seems appropriate to consider the proposal as a version of expressivism. However, little hangs on the label attached the theory.

References

- Båve, Arvid. (2013) 'Compositional Semantics for Expressivists.' *The Philosophical Quarterly*, 63, 633-659.
- Blackburn, Simon. (1998) *Ruling Passions*. Oxford: Clarendon Press.
- Blackburn, Simon. (2006) 'The Semantics of Non-factualism, Non-cognitivism, and Quasi-realism'. In Michael Devitt and Richard Hanley (eds.) *The Blackwell Guide to the Philosophy of Language*. (Malden, Mass.; Oxford: Blackwell), 244-251.
- Block, Ned. (1986) 'Advertisement for a semantics for psychology'. *Midwest Studies in Philosophy*, 10, 615-678.
- Carruthers, Peter. (1989) *Tractarian Semantics*. Oxford: Basil Blackwell.
- Cartwright, R. (1962) 'Propositions' in R. J. Butler (ed.), *Analytical Philosophy* (Oxford: Blackwell), 81-103.
- Chrisman, Matthew. (2016) *The Meaning of 'Ought'*. New York: Oxford University Press.
- Chrisman, Matthew. (2017) 'Conceptual Role Accounts of Meaning in Metaethics'. In Tristram McPherson and David Plunkett (eds.) *The Routledge Handbook of Metaethics* (London: Taylor and Francis), 260-274.
- Davis, Wayne. A. (2003) *Meaning, Expression, and Thought*. New York: Cambridge University Press.

- Dreier, James. (2004) 'The Problem of Creeping Minimalism'. *Philosophical Perspectives*, 18, 23-44.
- Dummett, Michael. (1991) 'Frege's Myth of the Third Realm'. In *Frege and Other Philosophers* (Oxford: Clarendon), 249-262.
- Gibbard, Allan. (2003) *Thinking How To Live*. Cambridge Mass.: Harvard University Press.
- Gibbard, Allan. (2012) *Meaning and Normativity*. New York: Oxford University Press.
- Hanks, Peter. (2015) *Propositional Content*. New York: Oxford University Press.
- Harman, Gilbert. (1973) *Thought*. Princeton: Princeton University Press.
- Horwich, Paul. (1993) 'Gibbard's Theory of Norms'. *Philosophy and Public Affairs*, 22, 67-78.
- Kalderon, Mark. (2007) *Moral Fictionalism*. New York: Oxford University Press.
- Kenny, Anthony. (1963) *Action, Emotion and Will*. London: Routledge & Kegan Paul.
- Köhler, Sebastian. (2017) 'Expressivism, Belief, and All That'. *The Journal of Philosophy*, 114, 189-207.
- McGrath, Matthew & Frank, Devin. (2018) 'Propositions'. *Stanford Encyclopedia of Philosophy* <https://plato.stanford.edu/entries/propositions/>.
- Mourelatos, A. P. D. (1978) 'Events, Processes and States'. *Linguistics and Philosophy*, 2, 415-434.
- Peacocke, Christopher. (1992) *A Study of Concepts*. Cambridge, Mass.: MIT Press.
- Price, Huw. (1994) 'Semantic Minimalism and the Frege Point' in S. L. Tsohatzidis (ed.) *Foundations of Speech Act Theory: Philosophical and Linguistic Perspectives* (New York: Routledge), 132-155.
- Ridge, Michael. (2014) *Impassioned Belief*. New York: Oxford University Press.
- Schroeder, Mark. (2010) *Noncognitivism in Ethics*. London: Routledge.
- Schroeder, Mark. (2013a) 'Two Roles for Propositions: Cause for Divorce?'. *Nous*, 47, 409-30.
- Schroeder, Mark. (2013b) 'Tempered Expressivism'. In R. Shafer-Landau (ed.) *Oxford Studies in Metaethics 8* (Oxford: Oxford University Press), 283-313.
- Schroeder, Mark. (2015) 'Introduction'. In *Expressing Our Attitudes* (New York: Oxford University Press), 1-28.
- Schroeter, L. & Schroeter, F. (2003) 'A Slim Semantics for Moral Terms?' *Australasian Journal of Philosophy*, 81, 191-207.
- Sinclair, Neil. (2017) 'Conceptual Role Semantics and the Reference of Moral Concepts'. *European Journal of Philosophy*, 26, 95-121.
- Soames, Scott. (2010) *What Is Meaning?* Princeton: Princeton University Press.
- Soames, Scott. (2014) 'Cognitive Propositions'. In J. King, J. Speaks & S. Soames (eds.) *New Ways of Thinking About Propositions* (New York: Oxford University Press), 91-124.
- Soames, Scott. (2015) *Rethinking Language, Mind, and Meaning*. Princeton: Princeton University Press.
- Steward, Helen. (1997) *The Ontology of Mind*. New York: Oxford University Press.
- Toppinen, Teemu. (2013) 'Believing in Expressivism'. In R. Shafer-Landau (ed.) *Oxford Studies in Metaethics 8* (New York: Oxford University Press), 252-282.
- Vendler, Zeno. (1967) *Linguistics in Philosophy*. Ithaca, NY: Cornell University Press.
- Wedgwood, Ralph. (2001) 'Conceptual Role Semantics for Moral Terms'. *Philosophical Review*, 110, 1-30.

Wedgwood, Ralph. (2007) *The Nature of Normativity*. Oxford: Clarendon.

Whiting, Daniel. (2006) "Conceptual Role Semantics," *Internet Encyclopedia of Philosophy*.
<http://www.iep.utm.edu/>.