

How the seven aliens and phenomenology sit together

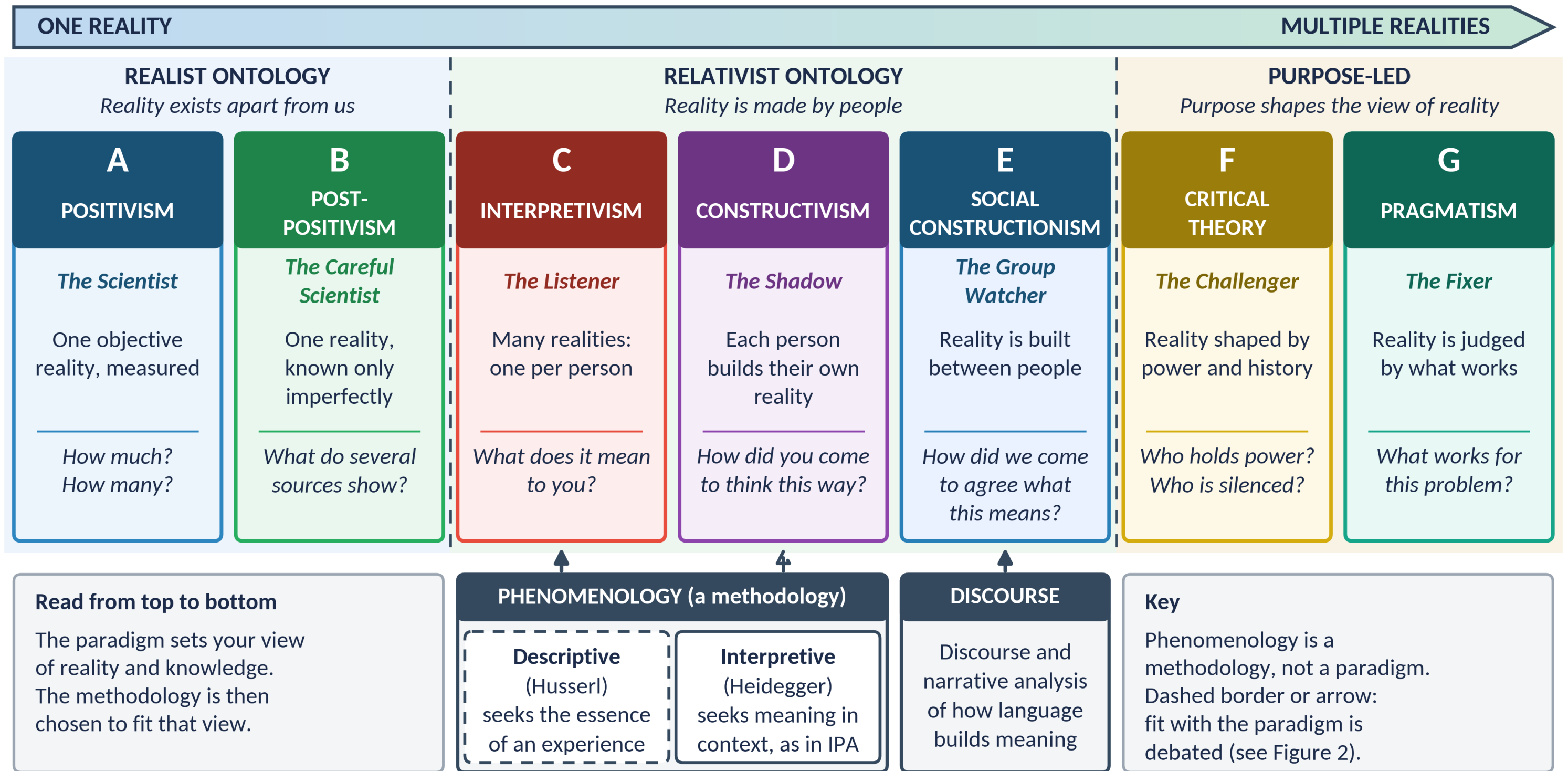


Figure 1: How the seven aliens and phenomenology sit together. Source: adapted from Guba and Lincoln (1994), Crotty (1998), Burr (2015) and Smith, Flowers and Larkin (2009).

Where the main qualitative and other methodologies sit across the seven aliens

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Methodology	REALISTRELATIVISTPURPOSE-LED						
	A Positivism	B Post-positivism	C Interpretivism	D Constructivism	E Social constructionism	F Critical theory	G Pragmatism
Survey and experiment	●	●					
Qualitative case study (Yin)		●					
Qualitative case study (Stake)			●	●			
Critical case study						●	
Mixed methods case study		○					●
Grounded theory (Glaserian)		●					
Grounded theory (Straussian)		●					○
Constructivist grounded theory				●	○		
Gioia methodology *		○	○				
Descriptive phenomenology			○				
Interpretive phenomenology, IPA			●	●			
Hermeneutic inquiry			●			○	
Ethnography (realist)		●					
Ethnography (interpretive)			●		●		
Critical ethnography						●	
Autoethnography				●		○	
Visual methods			●	●		○	
Qualitative longitudinal research			○	●			
Life history			○	●			
Narrative inquiry			○	●	●		
Discourse analysis					●		
Critical discourse analysis					○	●	
Participatory action research						●	○
Action research						○	●
Delphi study *		●					○
Design science research		○					●
Mixed methods		○					●

* Gioia methodology: systematic, inductive theory building that moves from participants' own terms (first-order concepts) to researchers' themes (second-order themes) to aggregate dimensions, shown as a data structure (Gioia, Corley and Hamilton, 2013).

* Delphi study: experts reach consensus through several anonymous questionnaire rounds with feedback between rounds (Linstone and Turoff, 1975).

Thematic analysis, content analysis and framework analysis are methods, not methodologies, so they can sit in any column.

Figure 2: Where the main qualitative and other methodologies sit across the seven aliens. Source: adapted from Guba and Lincoln (1994), Crotty (1998) and the methodology sources in the accompanying reference list.