

Institutional Analysis with Institutional Grammar (IG)

Institutional grammar

Theoretically informed analytical approach for assessing the syntactic structure and associate meaning of institutions

Enables researchers to describe and compare institutions

Provokes novel research questions about the relationships between institutions and outcomes

Provides policy designers a language with which to craft effective institutions

(Ostrom, 2005; Frantz and Siddiki, 2021; Ostrom & Basurto, 2011)

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Institutions

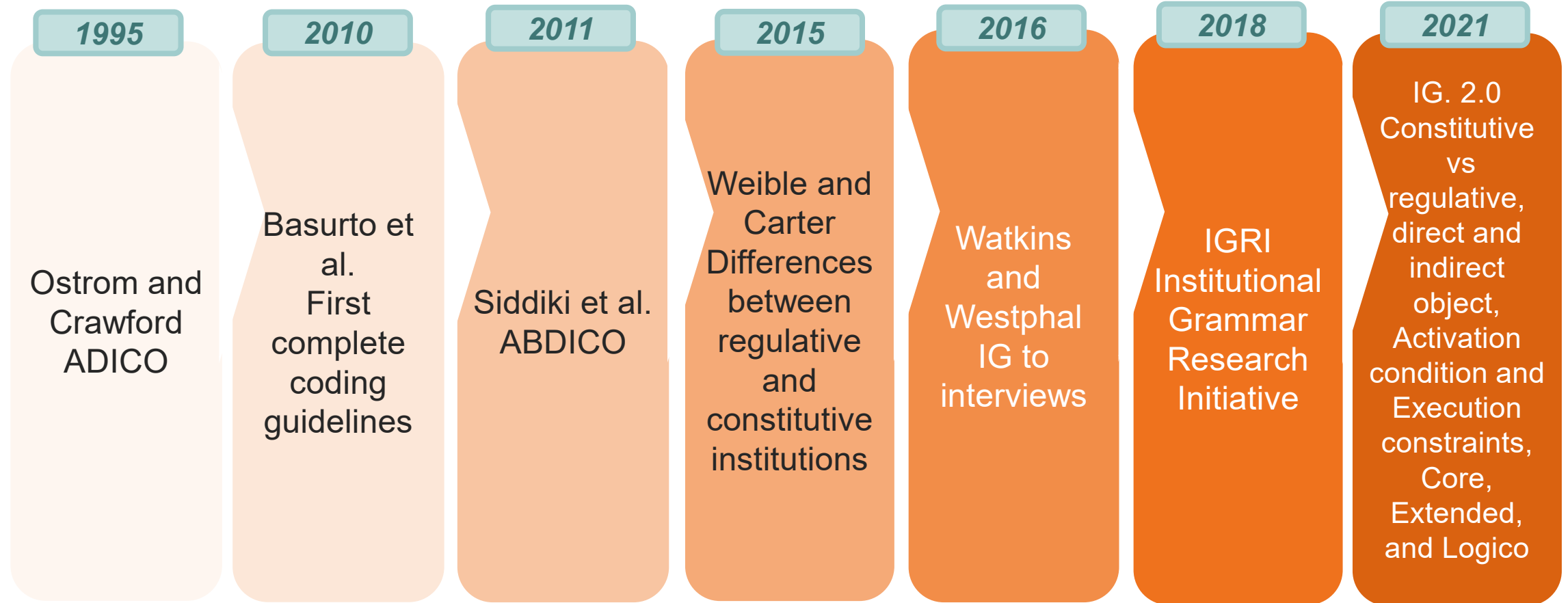
Explicit or tacit strategies, norms, or rules that indicate to actors what they can, must, or must not do in certain situations or within specific contexts, or parameterize features of systems in which actors interact (Crawford and Ostrom 1995; Ostrom 2005; Searle 2005; Frantz and Siddiki 2021)

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Institutions are comprised of one or more institutional statements

Institutional statements (IS)

Specific statements that identify what actors are permitted, required, and forbidden to do within certain temporal, spatial, and procedural parameters (Adapted of Siddiki et al.2019)

Milestones in development of IG



Institutional statement share a linguistic syntax with six components

ATTRIBUTE

A

Constitutes the actors or type of actors designated to carry out an action (the alm)

DEONTIC

D

Is the prescriptive or permissive operator that specifies whether the action specified in the alm is permitted, required, or forbidden: may (not), should (not), must (not), or shall (not).

AIM

I

Generally a verb that describes the goal of the institutional statement and the action to which the deontic refers. All IS specify at least one alm

OBJECT

B

The animate or inanimate part of a statement that receives the action captured in the alm

CONTEXT

C

Constrain the temporal, spatial, procedural, and objective scope of the alm by specifying when, where, or why it is to be carried out

OR ELSE

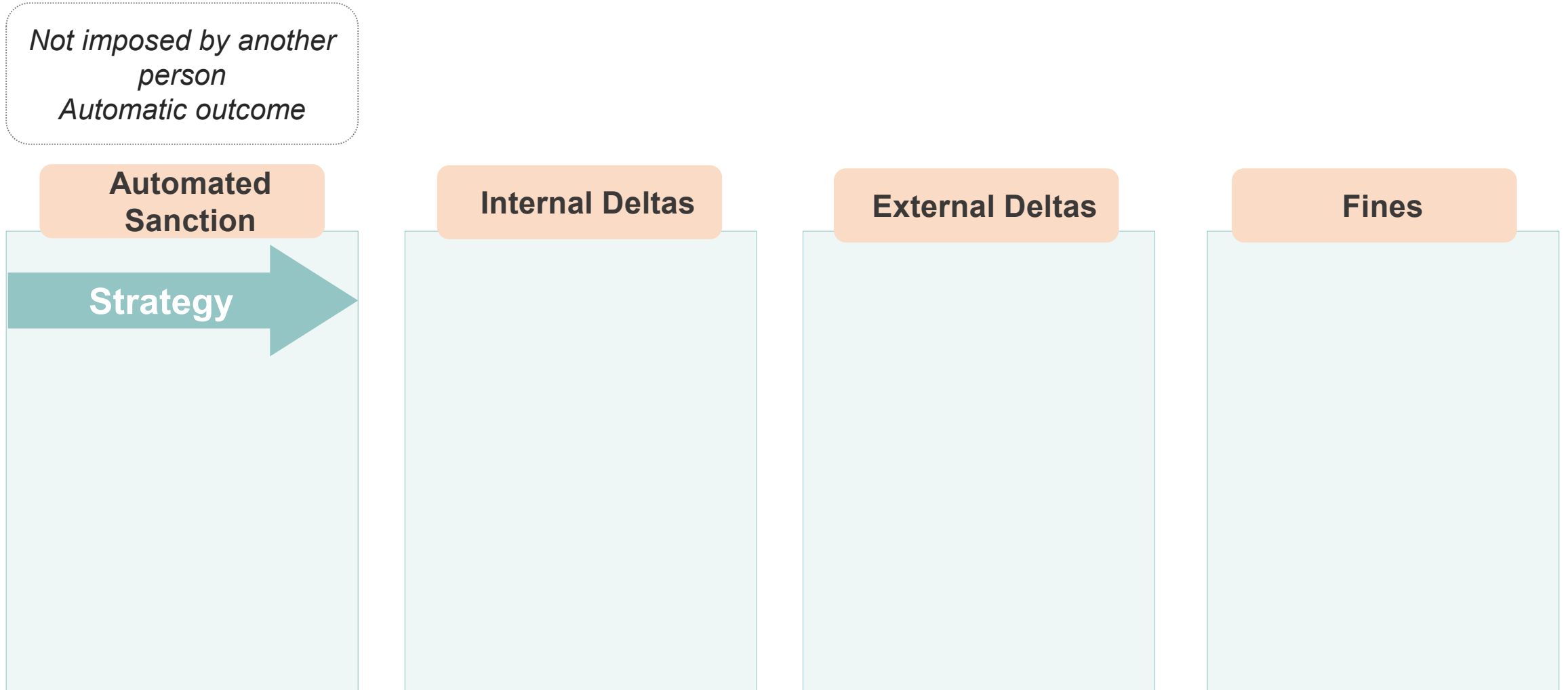
O

Specifies the sanction to be applied to the attribute/s regarding the action (alm) of the statement

	<i>STRATEGY</i>	<i>NORM</i>	<i>RULE</i>
ATTRIBUTE <i>Target</i>	A	A	A
DEONTIC <i>Prescriptive operator</i>	⊗	D	D
AIM <i>Action</i>	I	I	I
OBJECT <i>Receiver of action</i>	B	B	B
CONTEXT <i>Action parameters</i>	C	C	C
OR ELSE <i>Behavioral incentive</i>	⊗	⊗	O

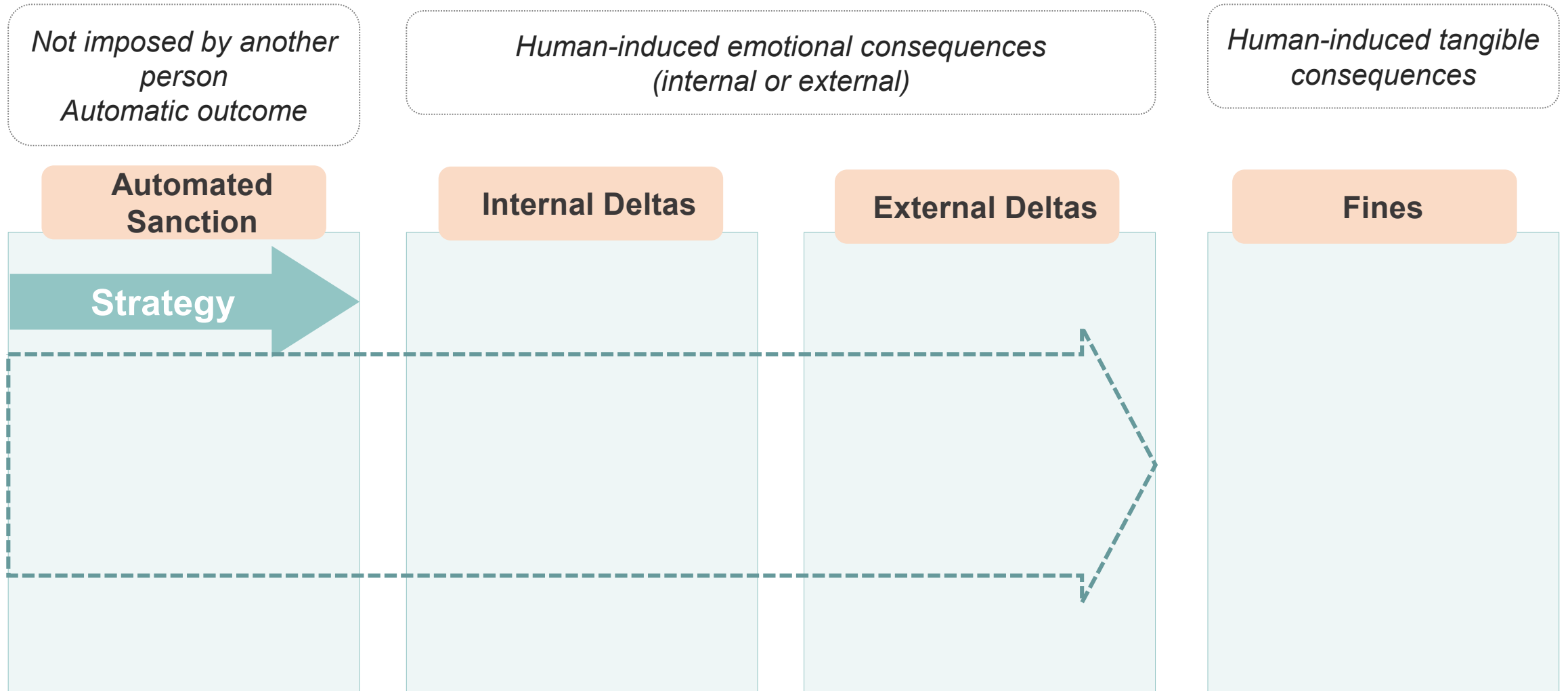
(Adapted from Siddiki et al., 2019)

Institutional statements according to their sanction



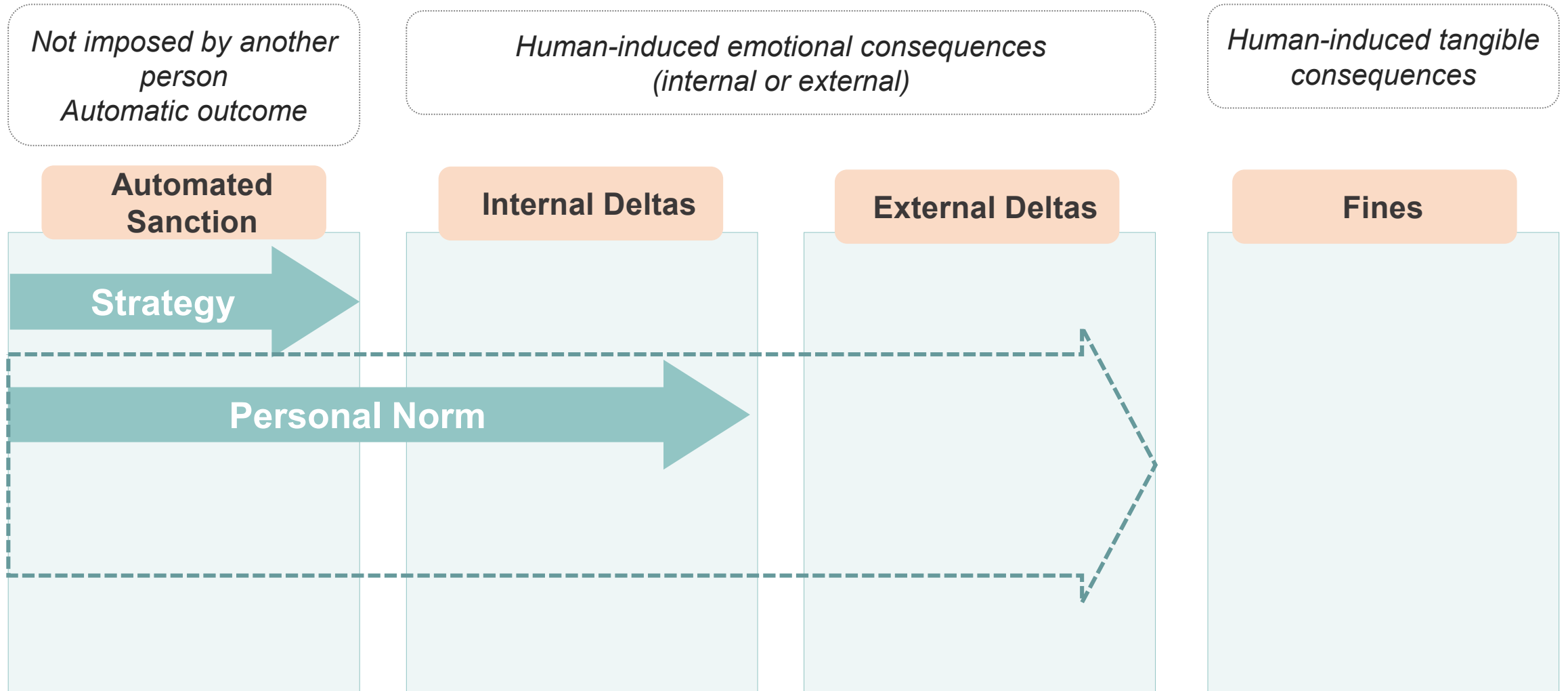
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Institutional statements according to their sanction



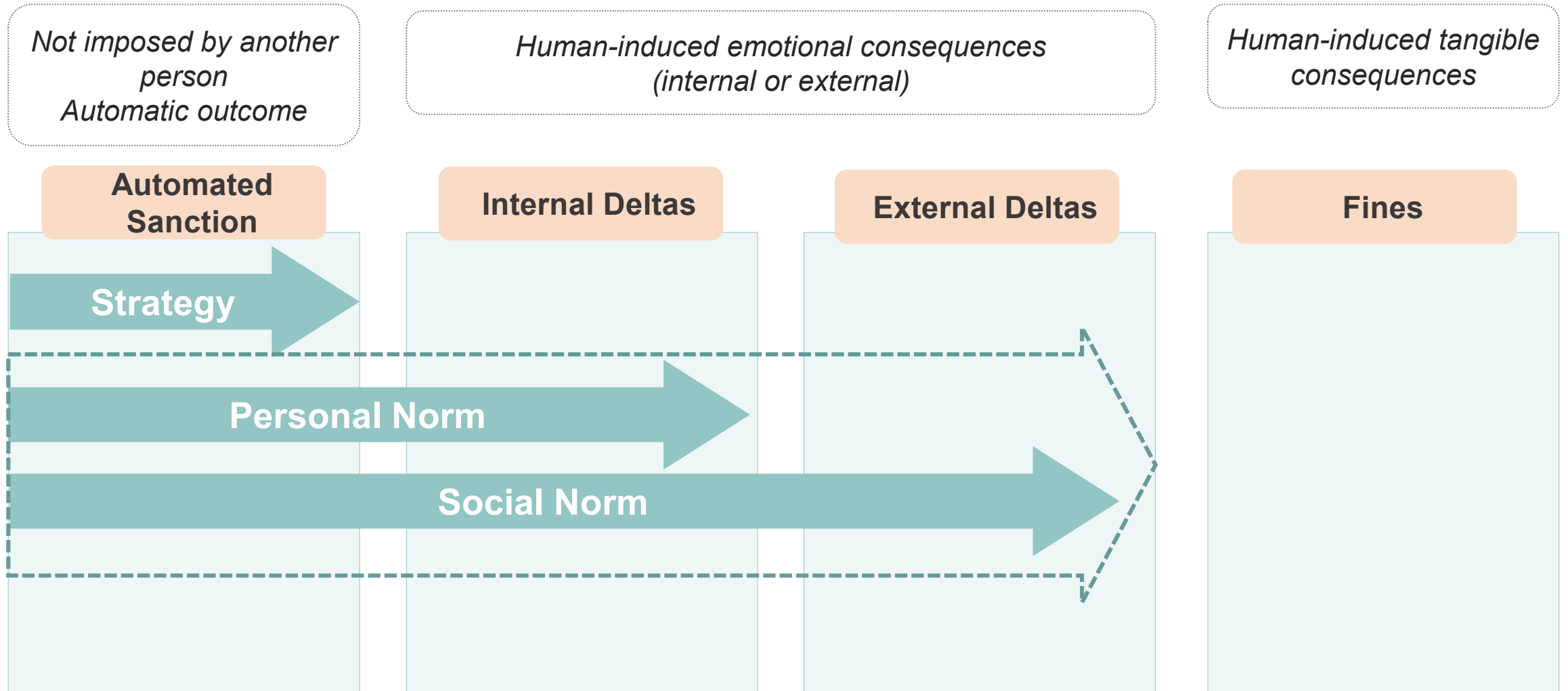
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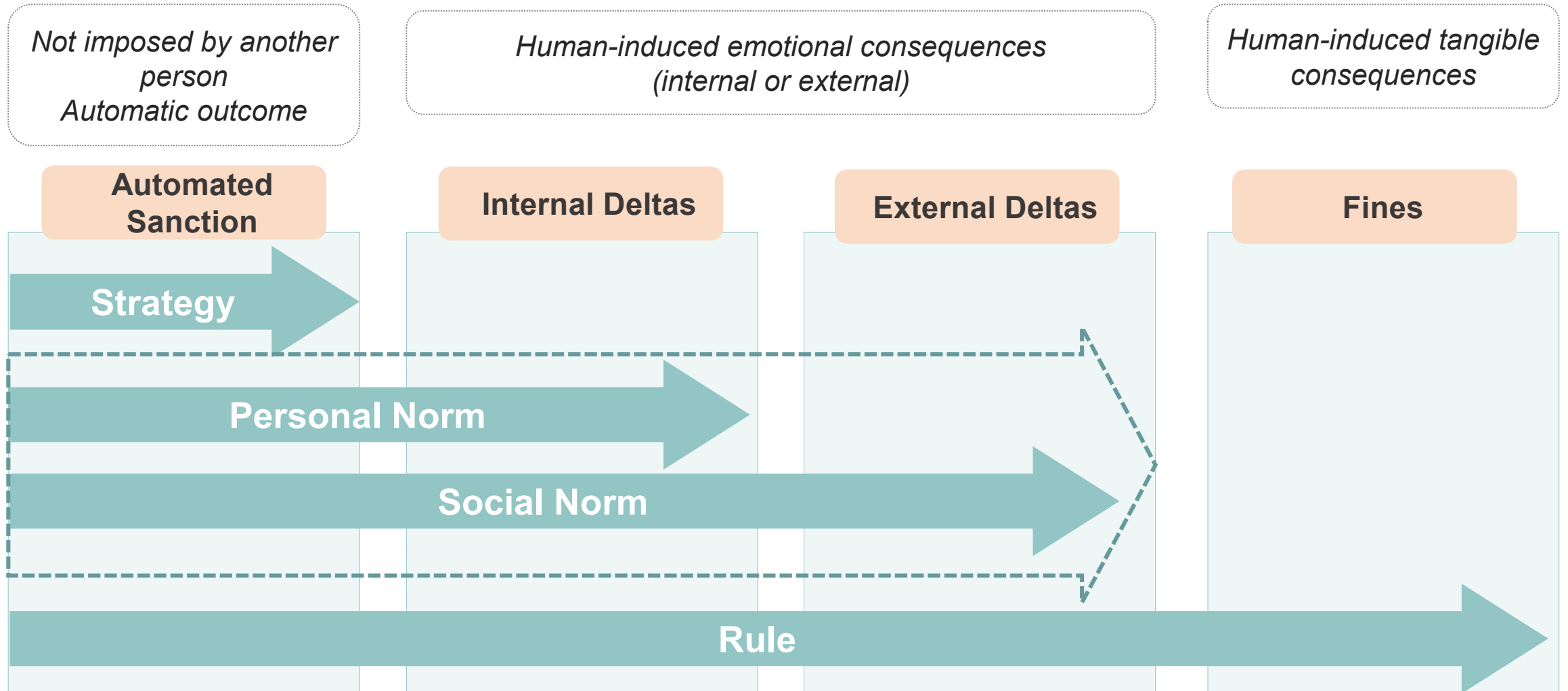
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