e European Union will need in the coming years to invest a substantial amount of resources in European public goods (EPGs), including for the digital and climate transitions, and for defence and security. Funding for this could be provided in a centralised way at EU level, via either a fund or from the EU budget, but for this to be politically viable, and to create the necessary trust, national budgetary policies need to comply with the common EU scal rules. Setting adequate conditions for access to central nancing is, however, not straightforward. e tightness of the conditionality needs to



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Beetsma, R. and M. Buti (2024) 'Designing conditionality in the supply of European public goods,' *Working Paper* 20/2024, Bruegel

1 Introduction

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Table 2: Characterisation of EPGs with important examples

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$$1 = \frac{-1}{+1} + \frac{1}{+1} + \frac{1}$$

$$1 = 1$$
 , 1 , 2
+ + - +

 $T^{*} \cdot T^{*} = T^{*} + T^{*$

 $\frac{1}{2} + \frac{1}{2} + \frac{1$

. . . .

3.3 The optimal degree of conditionality

 $\frac{1}{1} + \frac{1}{2} + \frac{1$

References

 $\frac{1}{2} + \frac{1}{2} + \frac{1}$

 $JJ , v \in \mathbb{C}$ $(2023), \quad (2023), \quad (2023),$

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25 37-41

 $= \sum_{i=1}^{n} \sum_{j=1}^{n} \sum_{i=1}^{n} \sum$

 $\begin{array}{c} \mathbf{a}_{1}, \mathbf{b}_{1}, \mathbf{c}_{1}, \mathbf{c}_{2}, \mathbf{c}_{1}, \mathbf{c}_{1},$

Annex: The optimal value of the conditionality: numerical computations

Baseline analysis

1 = 2	0.00	0.25	0.50	0.75	1.00			
1	2 = -0.50							
0.25	0.0 0	0.171	0.270	0.3 2	0.500			
0.50	0.105	0.1 7	0.2 5	0.403	0.502			
0.75	0.125	0.207	0.303	0.415	0.505			
1	₂ = -0.25							
0.25	0.132	0.202	0.2	0.3 1	0.4 7			
0.50	0.14	0.21	0.302	0.401	0.4			
0.75	0.170	0.23	0.31	•				

Table A1: Optimal degrees of conditionality for different combinations of physical content of EPGs and different deficit compositions in Frugal and Profligate – baseline parameter combination



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