

The factorial typology of segmental distribution

- For each ranking and each input, which output wins?
- For each ranking, which surface forms are allowed?

- **Ranking (1): NoVEL+FrV » *COR-DORS » IDENT[COR]**

/ka/	NoVELAR+FrV	*COR-DORS	IDENT[COR]
(a) [ka]			
(b) [ca]			

/ke/	NoVELAR+FrV	*COR-DORS	IDENT[COR]
(a) [ke]			
(b) [ce]			

/ce/	NoVELAR+FrV	*COR-DORS	IDENT[COR]
(a) [ce]			
(b) [ke]			

/ca/	NoVELAR+FrV	*COR-DORS	IDENT[COR]
(a) [ca]			
(b) [ka]			

- Which surface forms are allowed in this language?

/ka/ /ke/ /ce/ /ca/
 [] [] [] []

- **Ranking (2): IDENT[COR] » *COR-DORS » NoVEL+FrV**

/ka/	IDENT[COR]	*COR-DORS	NoVELAR+FrV
(a) [ka]			
(b) [ca]			

/ke/	IDENT[COR]	*COR-DORS	NoVELAR+FrV
(a) [ke]			
(b) [ce]			

/ce/	IDENT[COR]	*COR-DORS	NoVELAR+FrV
(a) [ce]			
(b) [ke]			

/ca/	IDENT[COR]	*COR-DORS	NoVELAR+FrV
(a) [ca]			
(b) [ka]			

- Which surface forms are allowed in this language?

/ka/ /ke/ /ce/ /ca/
 [] [] [] []

- Ranking (3): **IDENT[**COR**] » NOVELAR+FRV » *COR-DORS**

/ka/	IDENT[COR]	NOVELAR+FRV	*COR-DORS
(a) [ka]			
(b) [ca]			

/ke/	IDENT[COR]	NOVELAR+FRV	*COR-DORS
(a) [ke]			
(b) [ce]			

/ce/	IDENT[COR]	NOVELAR+FRV	*COR-DORS
(a) [ce]			
(b) [ke]			

/ca/	IDENT[COR]	NOVELAR+FRV	*COR-DORS
(a) [ca]			
(b) [ka]			

- Which surface forms are allowed in this language?

/ka/ /ke/ /ce/ /ca/
 [] [] [] []

- Ranking (4): **NOVELAR+FRV » IDENT[**COR**] » *COR-DORS**

/ka/	NOVELAR+FRV	IDENT[COR]	*COR-DORS
(a) [ka]			
(b) [ca]			

/ke/	NOVELAR+FRV	IDENT[COR]	*COR-DORS
(a) [ke]			
(b) [ce]			

/ce/	NOVELAR+FRV	IDENT[COR]	*COR-DORS
(a) [ce]			
(b) [ke]			

/ca/	NOVELAR+FRV	IDENT[COR]	*COR-DORS
(a) [ca]			
(b) [ka]			

- Which surface forms are allowed in this language?

/ka/ /ke/ /ce/ /ca/
 [] [] [] []

- Ranking (5): *COR-DORS » NOVEL+FRV » IDENT[cor]

/ka/	*COR-DORS	NOVELAR+FRV	IDENT[cor]
(a) [ka]			
(b) [ca]			

/ke/	*COR-DORS	NOVELAR+FRV	IDENT[cor]
(a) [ke]			
(b) [ce]			

/ce/	*COR-DORS	NOVELAR+FRV	IDENT[cor]
(a) [ce]			
(b) [ke]			

/ca/	*COR-DORS	NOVELAR+FRV	IDENT[cor]
(a) [ca]			
(b) [ka]			

- Which surface forms are allowed in this language?

/ka/ /ke/ /ce/ /ca/
 [] [] [] []

- Ranking (6): *COR-DORS » IDENT[cor] » NOVEL+FRV

/ka/	*COR-DORS	IDENT[cor]	NOVELAR+FRV
(a) [ka]			
(b) [ca]			

/ke/	*COR-DORS	IDENT[cor]	NOVELAR+FRV
(a) [ke]			
(b) [ce]			

/ce/	*COR-DORS	IDENT[cor]	NOVELAR+FRV
(a) [ce]			
(b) [ke]			

/ca/	*COR-DORS	IDENT[cor]	NOVELAR+FRV
(a) [ca]			
(b) [ka]			

- Which surface forms are allowed in this language?

/ka/ /ke/ /ce/ /ca/
 [] [] [] []