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Table B–2: Output patterns for the extended training corpus introduced at the end of Chapter 3, used for the simulations in Chapters 4-7. Targets for a given item and context are indicated by a 1.

		pine	oak	maple	birch	rose	daisy	tulip	funs	robin	canary	sparrow	penguin	nsthus	salmon	flounder	cod	cat	80p	mouse	goat	.00
Context	Property																					pig
ISA	Plant	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
(general)	Animal	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
ISA	Tree	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(basic)	Flower	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bird	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0
	Fish	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
	Cat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Dog	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	Mouse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Goat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Pig	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ISA	Pine	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(specific)	Oak	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Maple	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Birch	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rose	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Daisy	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tulip	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sunflower	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Robin	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Canary	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Sparrow	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Penguin	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Sunfish	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Salmon	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Flounder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Cod	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Is	Pretty	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0
15	Big	0	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	1	1
	Living	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Green	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Red	0	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
	Yellow	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0
	White	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0
	Twirly	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Can	Grow	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Can	Move	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
	Swim	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0
		U	U	U		0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
	Lilv.	Λ	Λ	Λ	()									U	U	U	U	U	U	U	U	
	Fly	0	0	0	0									Λ	Λ	Λ	Λ	1	1	1	1	- 1
	Walk	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1
Has	Walk Sing	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0	0 1	0	1 0	0	0	0	0	0	0	0	0	0
Has	Walk Sing Leaves	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1 0	0 0	1 0 0	0	0	0	0	0	0	0	0	0
Has	Walk Sing Leaves Roots	0 0 0 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 1 1	0 0 0	0 1 0 0	0 0 0 0	1 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
Has	Walk Sing Leaves Roots Skin	0 0 0 1 0	0 0 1 1 0	0 0 1 1 0	0 0 1 1 0	0 0 1 1 0	0 0 1 1 0	0 0 1 1 0	0 0 1 1 0	0 0 0 0 1	0 1 0 0 1	0 0 0 0 0	1 0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1	0 0 0 1
Has	Walk Sing Leaves Roots Skin Legs	0 0 0 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 0 0 1 1	0 1 0 0 1 1	0 0 0 0 1 1	1 0 0 0 1 1	0 0 0 1 0	0 0 0 1 0	0 0 0 1 0	0 0 0 1 0	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1	0 0 0 1 1
Has	Walk Sing Leaves Roots Skin Legs Bark	0 0 1 0 0 1	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 1 1 0 0	0 0 0 0 1 1 0	0 1 0 0 1 1 0	0 0 0 0 1 1 0	1 0 0 0 1 1 0	0 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1 1 0	0 0 0 1 1 0	0 0 0 1 1 0	0 0 0 1 1 0	0 0 0 1 1 0
Has	Walk Sing Leaves Roots Skin Legs Bark Branches	0 0 1 0 0 0 1	0 0 1 1 0 0 1 1	0 0 1 1 0 0 1 1	0 0 1 1 0 0 1 1	0 0 1 1 0 0 0	0 0 1 1 0 0 0	0 0 1 1 0 0 0	0 0 1 1 0 0 0	0 0 0 0 1 1 0 0	0 1 0 0 1 1 0 0	0 0 0 0 1 1 0 0	1 0 0 0 1 1 0 0	0 0 0 1 0 0	0 0 0 1 0 0 0	0 0 0 1 0 0	0 0 0 1 0 0	0 0 0 1 1 0 0	0 0 0 1 1 0 0	0 0 0 1 1 0 0	0 0 0 1 1 0 0	0 0 0 1 1 0 0
Has	Walk Sing Leaves Roots Skin Legs Bark Branches Petals	0 0 1 0 0 0 1 1 0	0 0 1 1 0 0 1 1 0	0 0 1 1 0 0 1 1 0	0 0 1 1 0 0 1 1 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 0 1 1 0 0	0 1 0 0 1 1 0 0	0 0 0 0 1 1 0 0	1 0 0 0 1 1 0 0	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 0 0 1 0 0 0	0 0 0 1 1 0 0	0 0 1 1 0 0	0 0 0 1 1 0 0	0 0 0 1 1 0 0	0 0 1 1 0 0
Has	Walk Sing Leaves Roots Skin Legs Bark Branches Petals Wings	0 0 1 0 0 1 1 0 0	0 0 1 1 0 0 1 1 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 0 0 0	0 0 1 1 0 0 0 0 0 1	0 0 1 1 0 0 0 0 0 1	0 0 1 1 0 0 0 0 0 1	0 0 0 0 1 1 0 0 0	0 1 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0	1 0 0 0 1 1 0 0 0	0 0 0 1 0 0 0 0	0 0 0 1 0 0 0 0	0 0 0 1 0 0 0 0	0 0 0 1 0 0 0 0	0 0 1 1 0 0 0	0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0
Has	Walk Sing Leaves Roots Skin Legs Bark Branches Petals Wings Feathers	0 0 1 0 0 0 1 1 0 0 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 1 1 0 0 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 0 0 0 1 0	0 0 1 1 0 0 0 0 0 1 0	0 0 1 1 0 0 0 0 0 1 0	0 0 1 1 0 0 0 0 1 0	0 0 0 1 1 0 0 0 1 1	0 1 0 0 1 1 0 0 0 1 1	0 0 0 1 1 0 0 0	1 0 0 0 1 1 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0
Has	Walk Sing Leaves Roots Skin Legs Bark Branches Petals Wings Feathers Scales	0 0 1 0 0 1 1 0 0 0 0 0 0	0 0 1 1 0 0 1 1 0 0 0 0 0	0 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 1 1 0 0 0 0 0	0 0 1 1 0 0 0 0 0 1 0 0	0 0 1 1 0 0 0 0 0 1 0 0	0 0 1 1 0 0 0 0 0 1 0 0	0 0 1 1 0 0 0 0 0 1 0 0	0 0 0 1 1 0 0 0 1 1 1	0 1 0 0 1 1 0 0 0 1 1 1	0 0 0 1 1 0 0 0 1 1 1	1 0 0 0 1 1 0 0 0 1 1 1 0	0 0 0 1 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0 0 0	0 0 0 1 1 0 0 0 0
Has	Walk Sing Leaves Roots Skin Legs Bark Branches Petals Wings Feathers	0 0 1 0 0 0 1 1 0 0 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 1 1 0 0 0	0 0 1 1 0 0 1 1 0 0	0 0 1 1 0 0 0 0 0 1 0	0 0 1 1 0 0 0 0 0 1 0	0 0 1 1 0 0 0 0 0 1 0	0 0 1 1 0 0 0 0 1 0	0 0 0 1 1 0 0 0 1 1	0 1 0 0 1 1 0 0 0 1 1	0 0 0 1 1 0 0 0	1 0 0 0 1 1 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 0 1 0 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0 0	0 0 1 1 0 0 0 0	0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0