

Table 1: A comparison between the target grammar of Adriaans and Vervoort (*left*) and the grammar induced by a single ADIOS instance (*right*)

Target grammar	Inferred grammar
$[NP_a] \Rightarrow \text{John} \mid \text{Mary} \mid \text{the man} \mid \text{the child}$	E35 \Rightarrow child \mid man P34 \Rightarrow the E35 E37 \Rightarrow John \mid Mary \mid P34
$[P] \Rightarrow \text{with} \mid \text{near} \mid \text{in} \mid \text{from}$	E54 \Rightarrow with \mid near \mid in \mid from
$[V_i] \Rightarrow \text{appears} \mid \text{is} \mid \text{seems} \mid \text{looks}$	E39 \Rightarrow appears \mid is \mid seems \mid looks
$[V_s] \Rightarrow \text{thinks} \mid \text{hopes} \mid \text{tells} \mid \text{says}$	E51 \Rightarrow thinks \mid hopes \mid tells \mid says
$[V_t] \Rightarrow \text{knows} \mid \text{likes} \mid \text{misses} \mid \text{sees}$	E46 \Rightarrow knows \mid likes \mid misses \mid sees
$[\text{ADV}] \Rightarrow \text{large} \mid \text{small} \mid \text{ugly} \mid \text{beautiful}$	E49 \Rightarrow large \mid small \mid ugly \mid beautiful
$[NP_p] \Rightarrow \text{the car} \mid \text{the city} \mid \text{the house} \mid \text{the shop}$	E43 \Rightarrow house \mid shop
$[S] \Rightarrow [NP] [V_i] [\text{ADV}] \mid [NP_a] [VP_a] \mid [NP_a] [V_s] \text{ that } [S]$ $[NP] \Rightarrow [NP_a] \mid [NP_p]$ $[VP_a] \Rightarrow [V_t] [NP] \mid [V_t] [NP] [P] [NP_p]$	E69 \Rightarrow P47 \mid P59 \mid P62 \mid P66 \mid P67 P40 \Rightarrow the city P41 \Rightarrow the car P36 \Rightarrow John likes E37 P42 \Rightarrow the E43 E39 P44 \Rightarrow the house P45 \Rightarrow E37 E46 P47 \Rightarrow P45 E37 P48 \Rightarrow E37 E39 E49 P50 \Rightarrow E37 E51 that P52 \Rightarrow P47 in the shop P53 \Rightarrow E54 P44 P55 \Rightarrow P47 near P40 P56 \Rightarrow E54 P41 P57 \Rightarrow E54 P40 P58 \Rightarrow P50 P50 P45 the shop P59 \Rightarrow P45 the shop P60 \Rightarrow P41 E39 E49 P61 \Rightarrow P42 E49 P62 \Rightarrow P45 P40 P63 \Rightarrow P50 P50 P48 P64 \Rightarrow E54 the shop P65 \Rightarrow P50 P62 P64 P66 \Rightarrow P45 P44 P67 \Rightarrow P45 P41 P68 \Rightarrow E69 P53 P70 \Rightarrow P38 E49 P71 \Rightarrow E69 P57

Bold indicates root patterns.