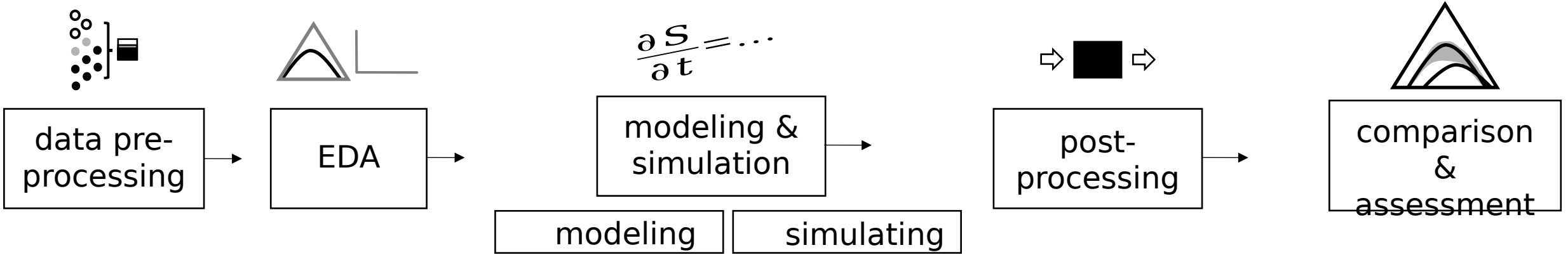

Transformation of agents to aggregate view:
`agents_to_aggregate`

SIR specific EDA:
- group exploration: `geom_aggregate`
- general visuals: `geom_point` or `path` + `coord_tern`

Raw Data

Outside modeling -or- applications of a pre-built model

Model simulation: Bernoulli approximation of ODE state models:
- `simulate_agents` -or- `simulate_SIR_agents` + `agents_to_aggregate`

Outside model simulation

- Time invariant transformation: `filament_compression`
- Filament and l_2 distance through `dist_matrix_innersq_direction` ++ `tidy_dist_mat` + `not_df`

`fortify` (aggregate view)

Prediction region (creation and examination):
- SIR: `geom_prediction_band`
- `create_{convex_hull, delta_ball}_structure`

+ containment: `contained`

(Distance-centric) extremeness assessment through:
- pseudo-density: `distance_pseudo_density_function`
- or depth estimation `distance_depth_function`, `local_distance_depth_function`

contains time-invariant tools