

Synthetic comparison figures

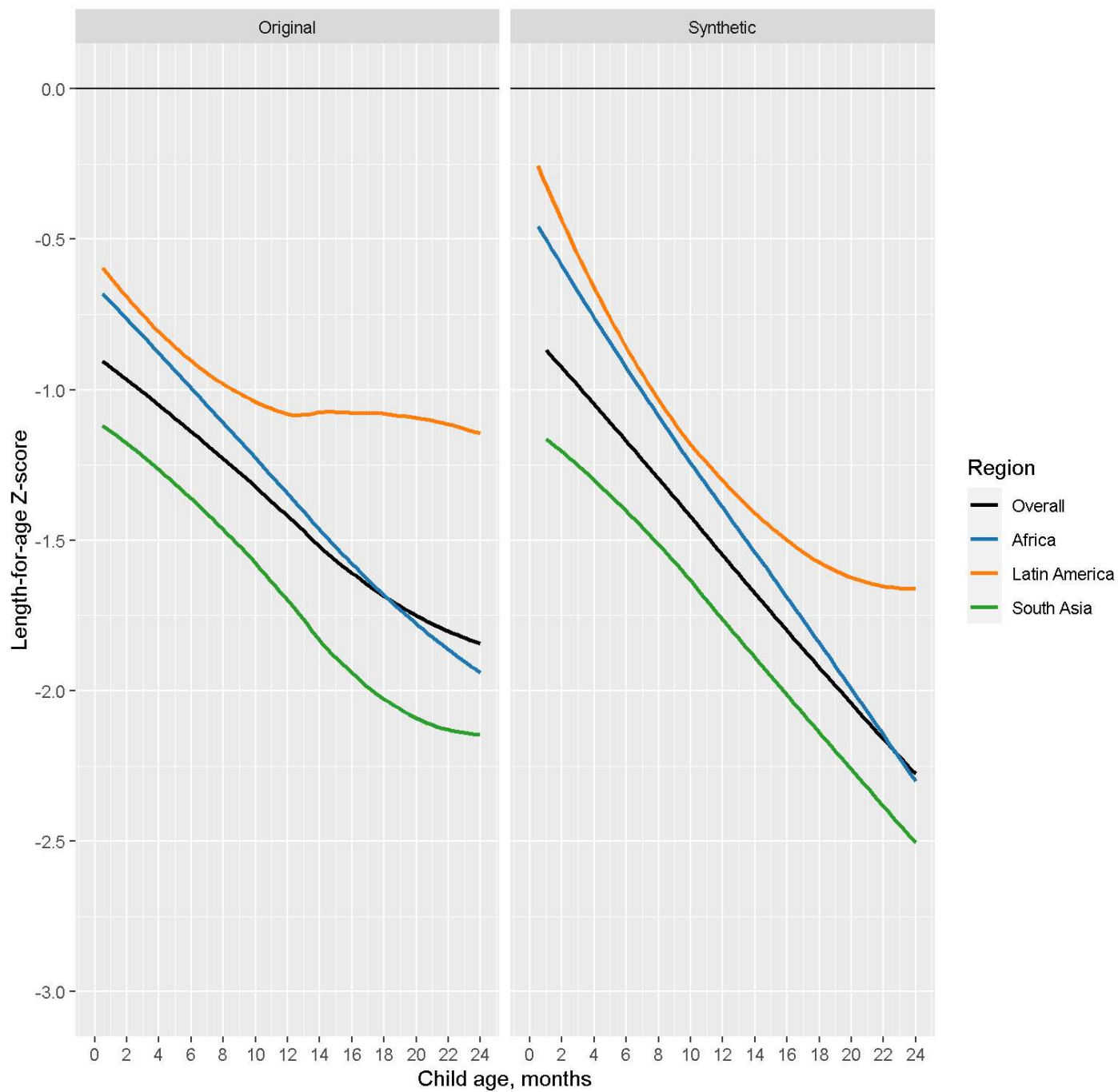
Andrew Mertens

3/08/2021

Mean Z-scores

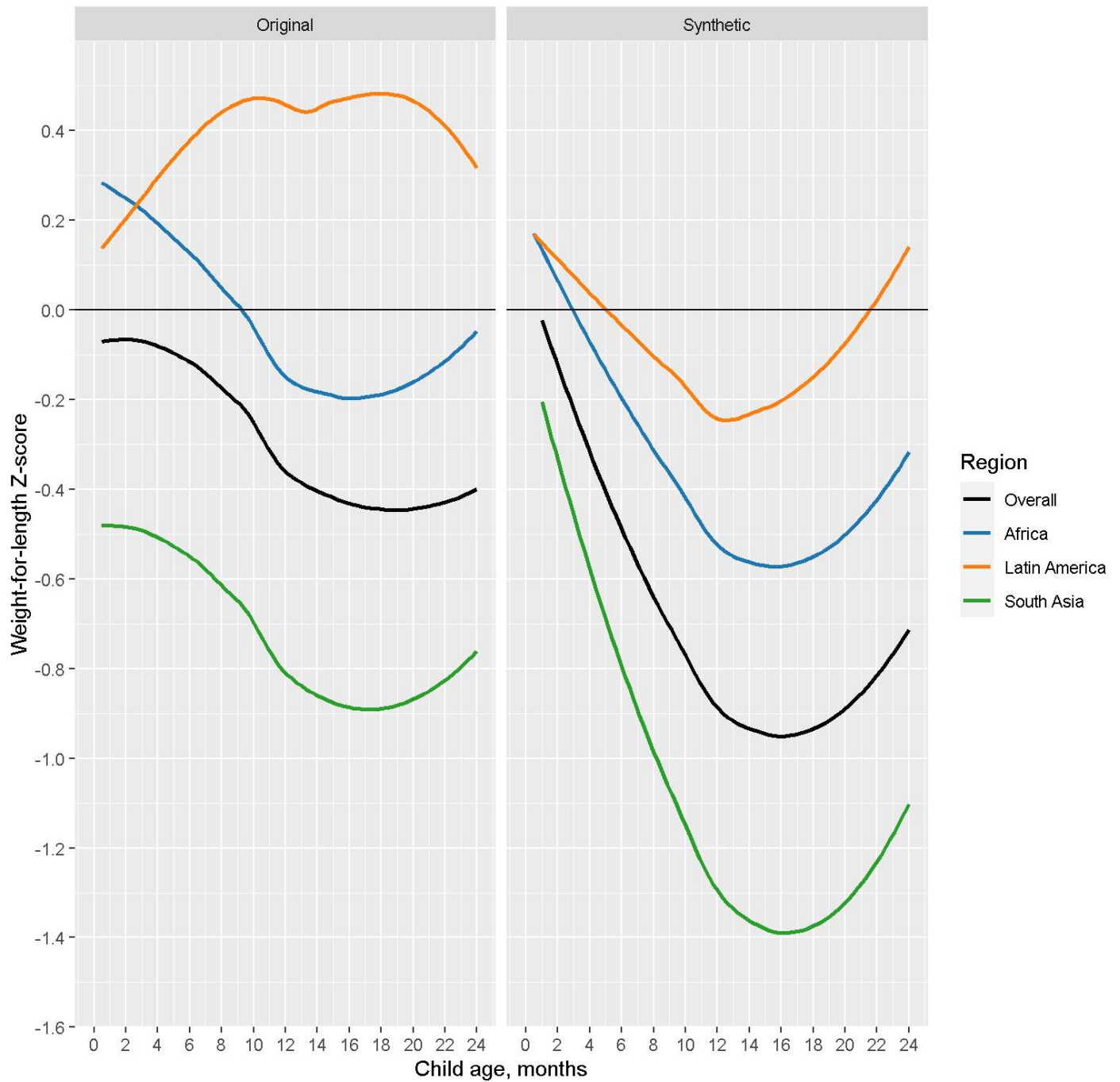
```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```

```
## Warning: Removed 2 rows containing non-finite values (stat_smooth).
```



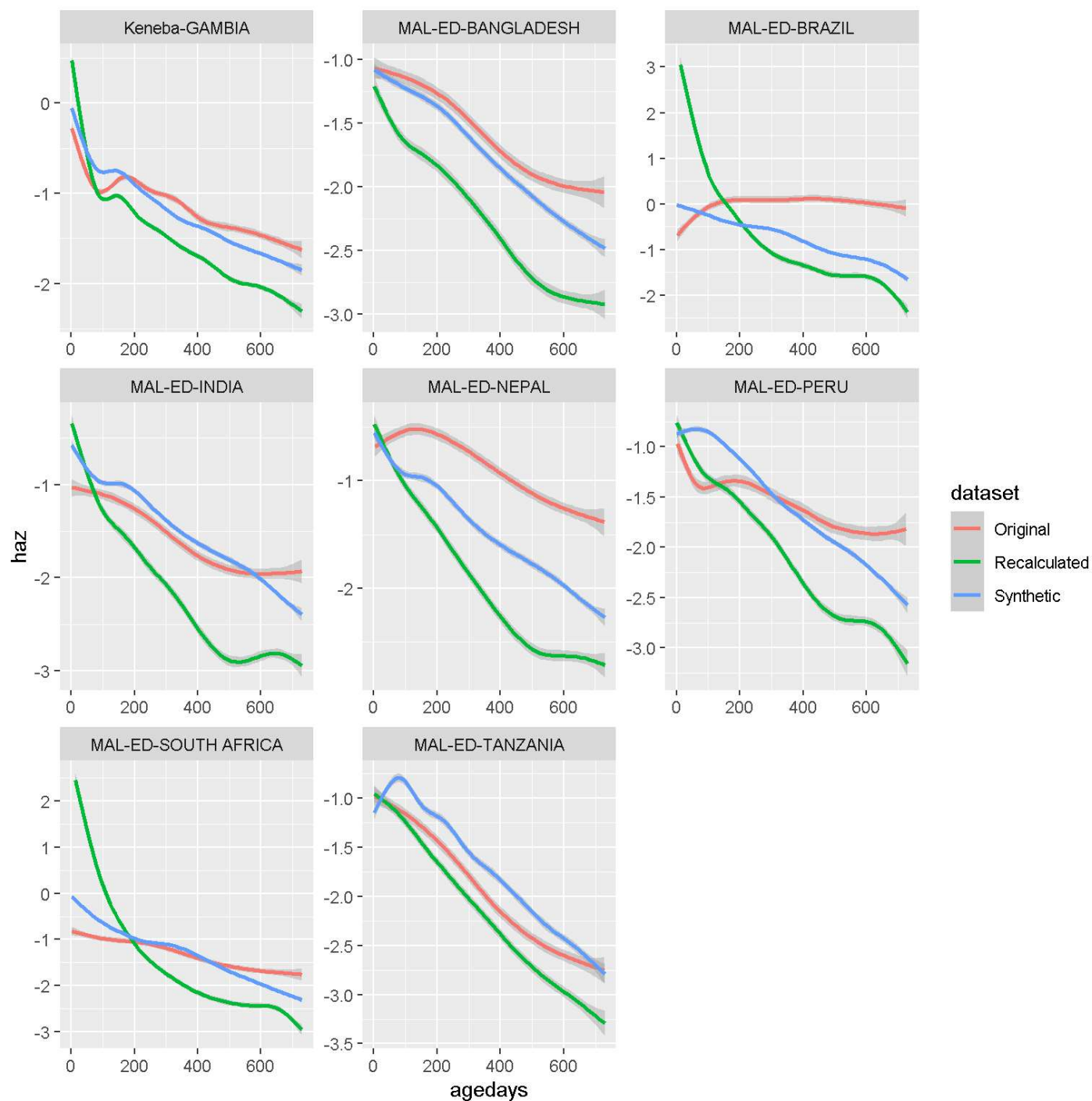
```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```

```
## Warning: Removed 18 rows containing non-finite values (stat_smooth).
```



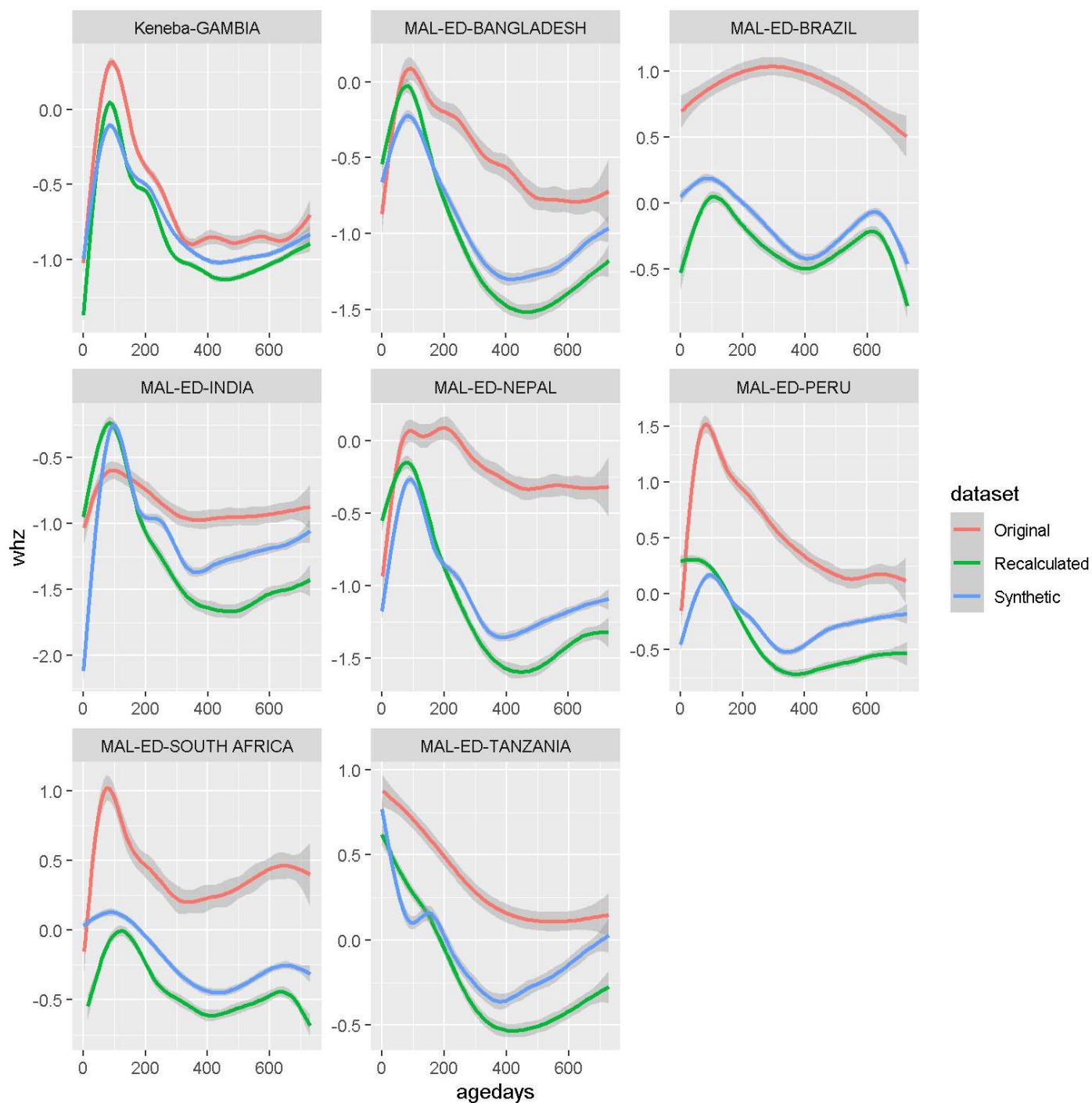
```
## `geom_smooth()` using method = 'gam' and formula 'y ~ s(x, bs = "cs")'
```

```
## Warning: Removed 2656 rows containing non-finite values (stat_smooth).
```



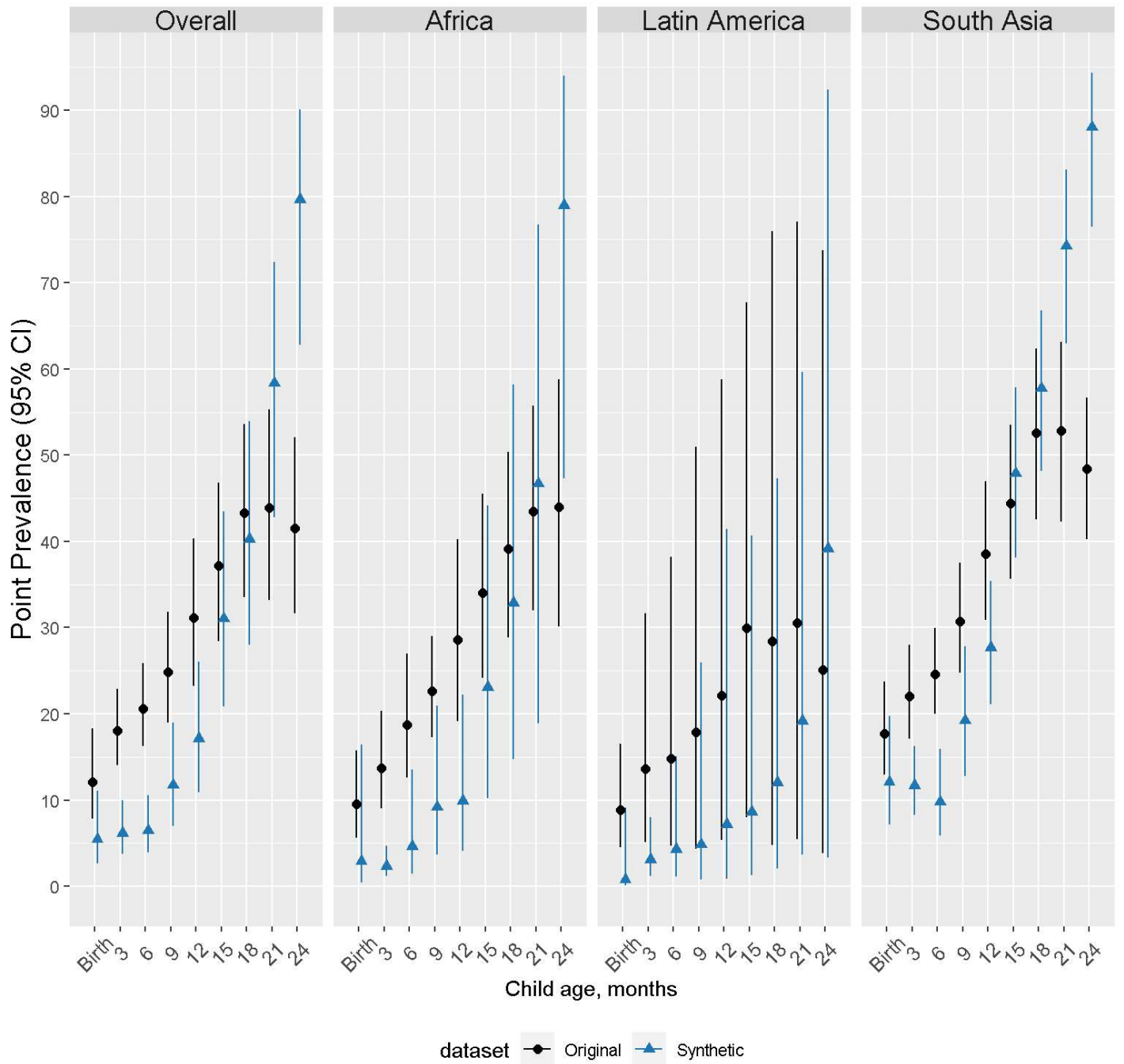
```
## `geom_smooth()` using method = 'gam' and formula 'y ~ s(x, bs = "cs")'
```

```
## Warning: Removed 3124 rows containing non-finite values (stat_smooth).
```

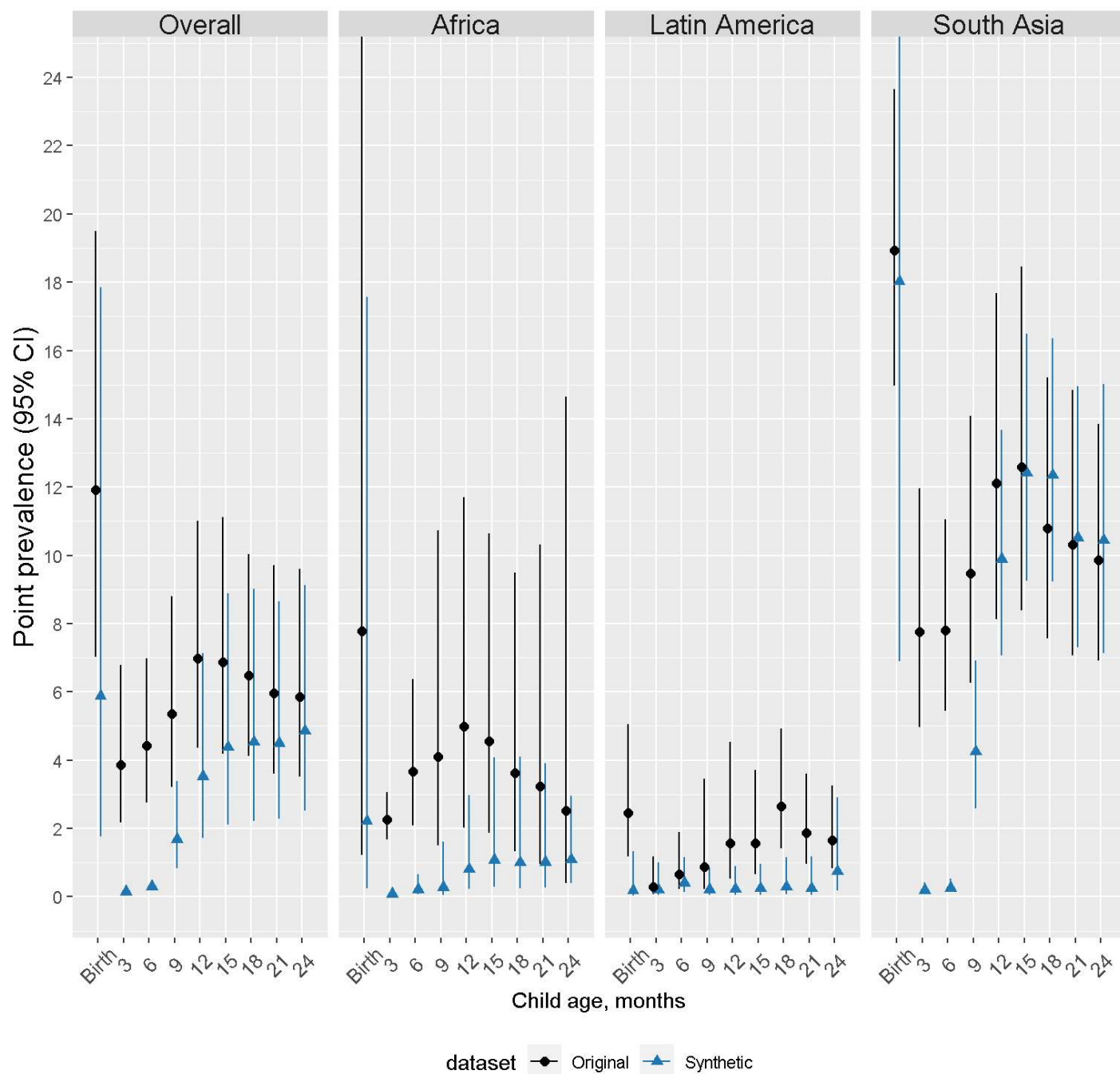


Note: Recalculated are Z-scores calculated using the `growthstandard()` R package from the synthetic height, weight, and age variables, versus the Synthetic Z-scores, which are the directly-synthesized Z-scores.

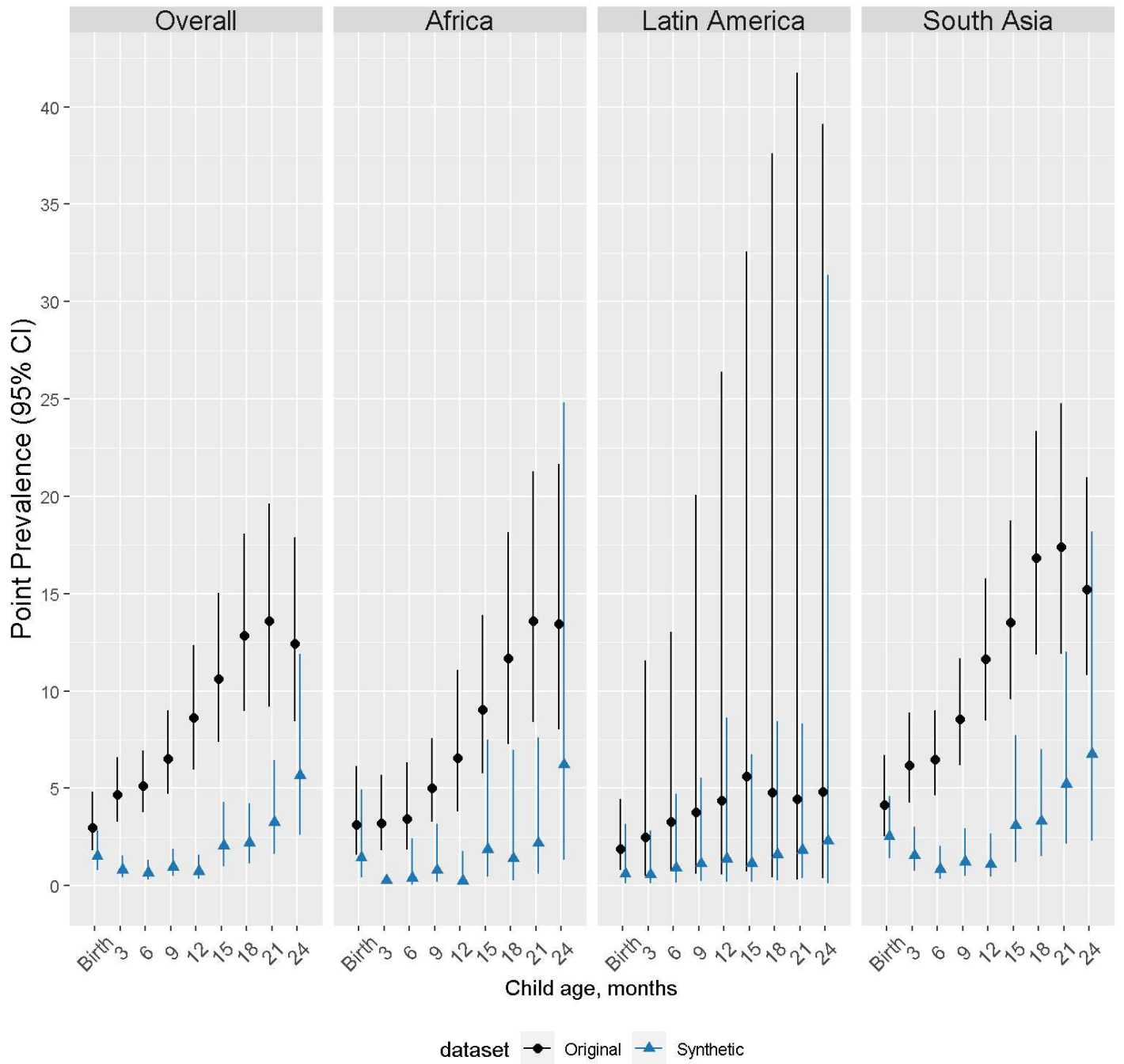
Stunting prevalence



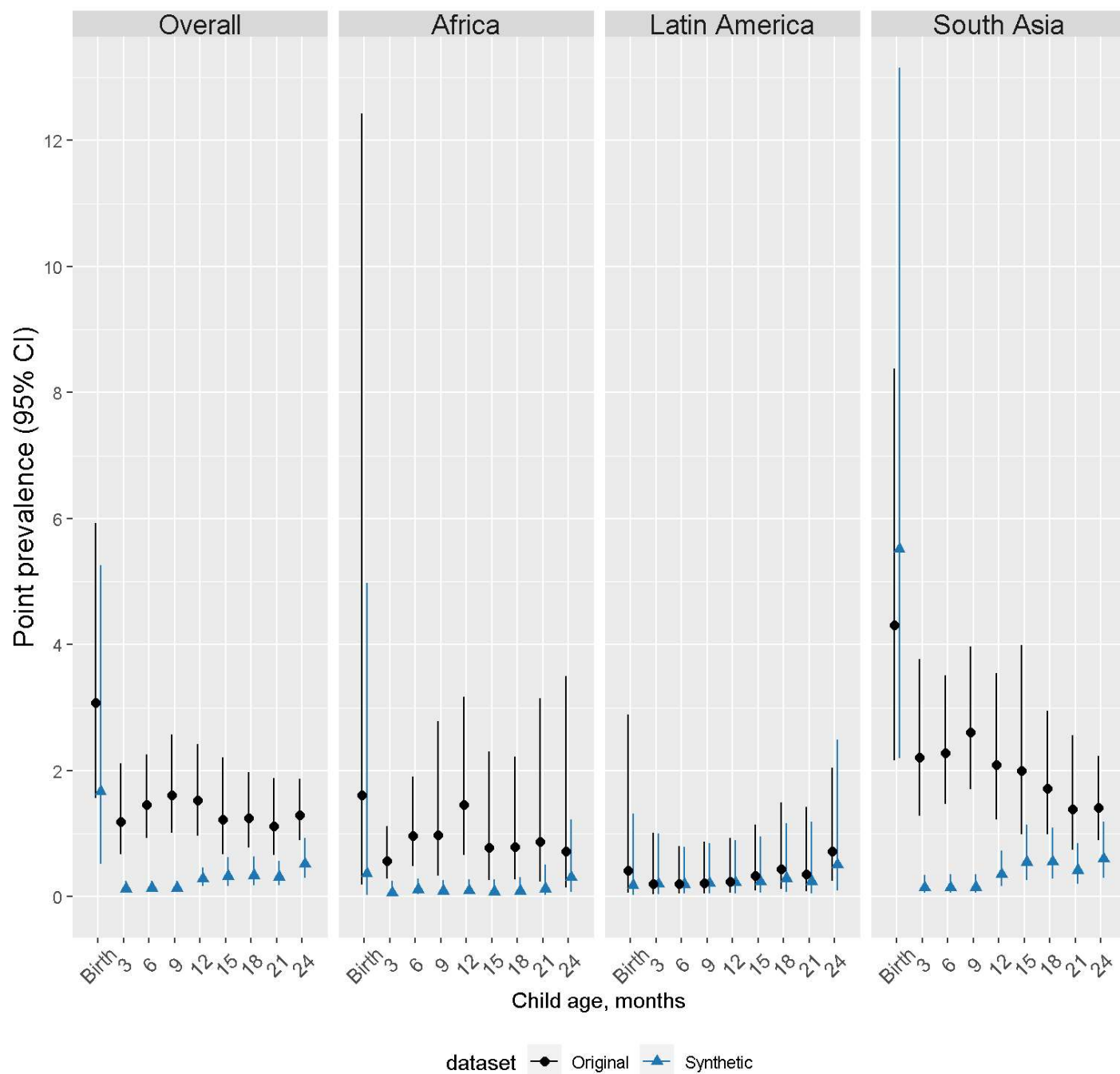
Wasting prevalence



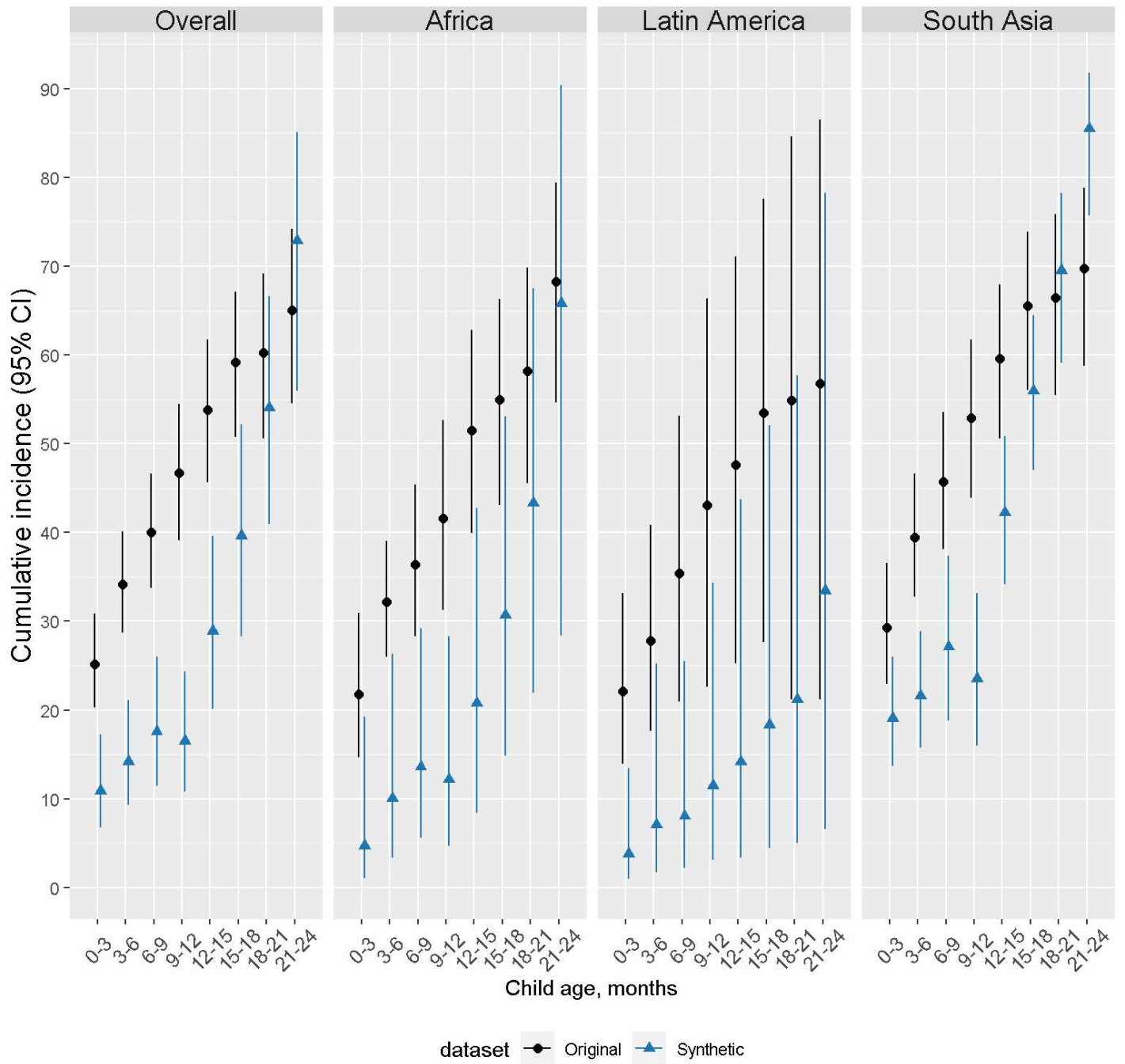
Severe stunting prevalence



Severe wasting prevalence



Stunting cumulative incidence



Wasting cumulative incidence

