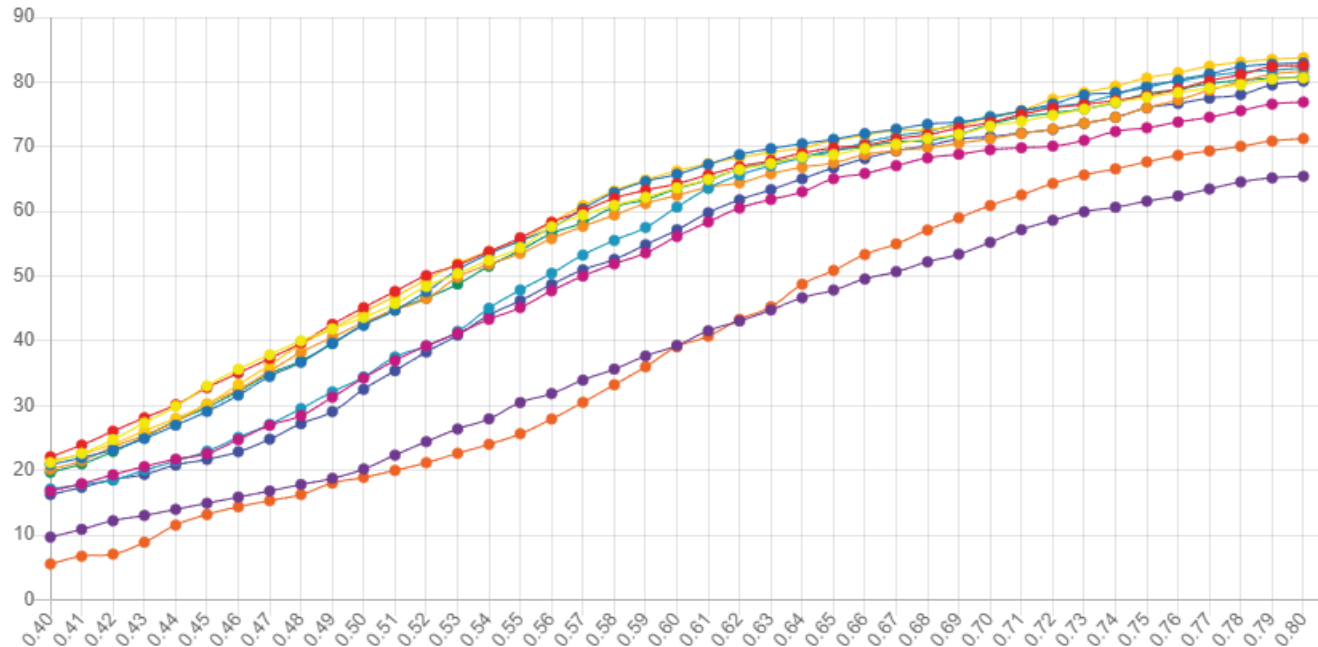
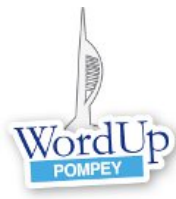


What's going on?

Does my site run slow with this?



- Do you know what your web server is doing?
- Do you know what it's being asked to do?
- Do you know how long it takes to do it?
- Do you know how each plugin affects your server performance?



oik-bwtrace – debug trace

Trace file

Daily trace summary

WordPress Plugin: <https://wordpress.org/plugins/oik-bwtrace/>
 GitHub repo: <https://github.com/bobbingwide/oik-bwtrace>
 Documentation: <https://www.oik-plugins.com/oik-plugins/oik-bwtrace-debug-trace-for-wordpress/>



What else might be useful?

RIGHT NOW

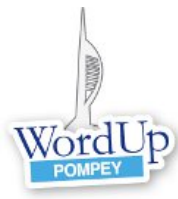
- Where we are in the code
- How many times we've been here
- How many *errors* we've seen
- Current time
- Elapsed time
- Current filter
- Number of hooks performed
- Number of queries performed
- Current post ID
- Memory usage
- Number of files loaded
- Number of errors detected
- Parameters passed to function
- Any *saved* output
- Debug backtrace callstack

PREVIOUSLY

- Request and parameters
- Globals: `$_REQUEST`, `$_GET`, `$_POST`
- Request type
- What to look out for
- Tracing level

AT SHUTDOWN

- What happened: actions and filters invoked, files loaded, saved queries, output buffer, summary status report



Slog-bloat – summarise results

- 5 years ago
- I wrote a post processing routine (Slog for Server Log)
- to summarise the requests in the Daily Trace Summary files
- grouping by elapsed time
- then merged the output from multiple logs
- and then manually produced a chart
- to display the results in Excel

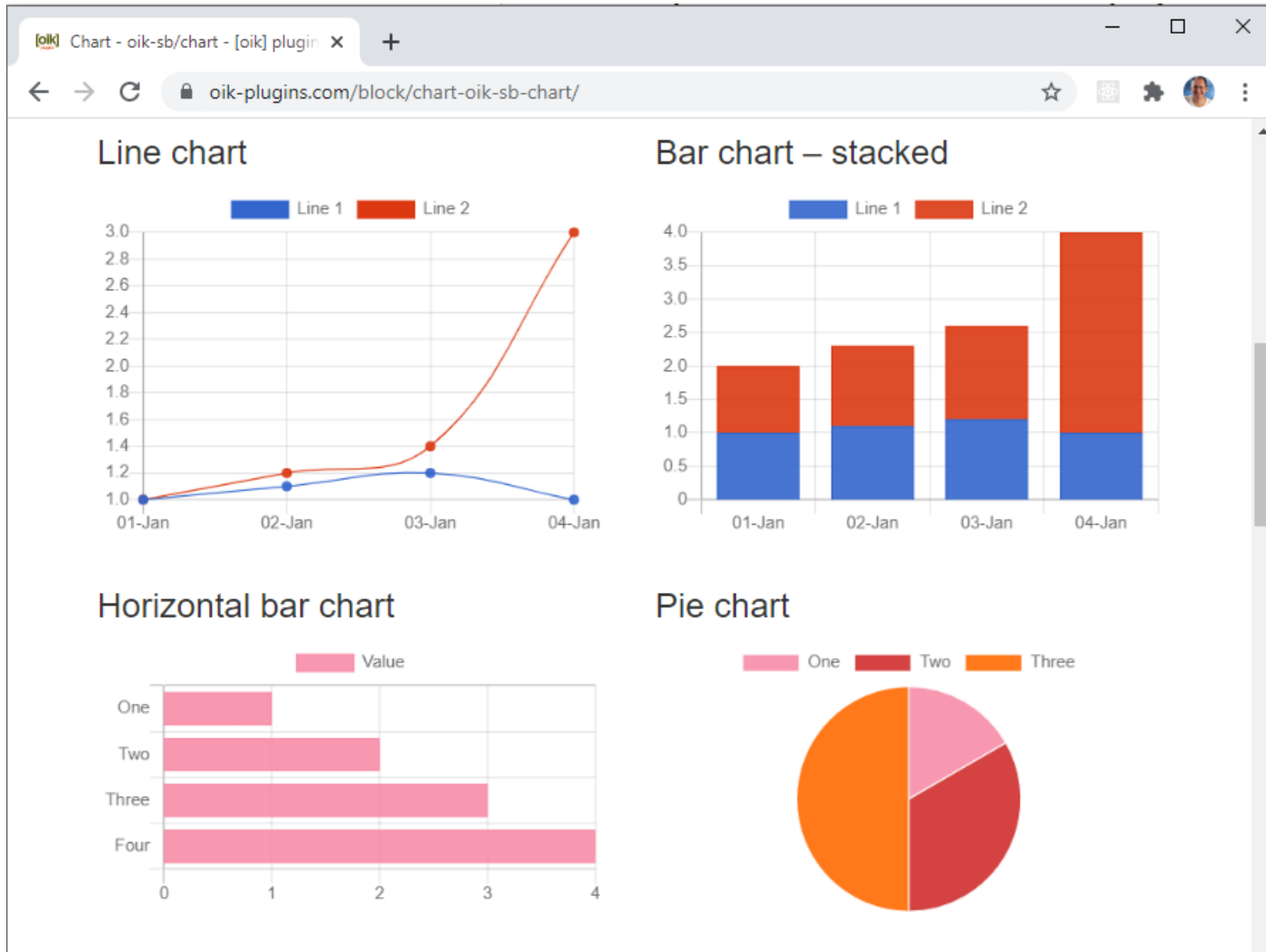
It was a convoluted process.

WordPress Plugin:

GitHub repo: <https://github.com/bobbingwide/slog-bloat> - see the working directory

Documentation:

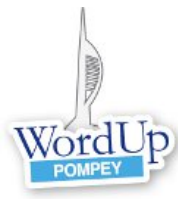
sb-chart-block



WordPress Plugin: <https://wordpress.org/plugins/sb-chart-block>

GitHub repo: <https://github.com/bobbingwide/sb-chart-block>

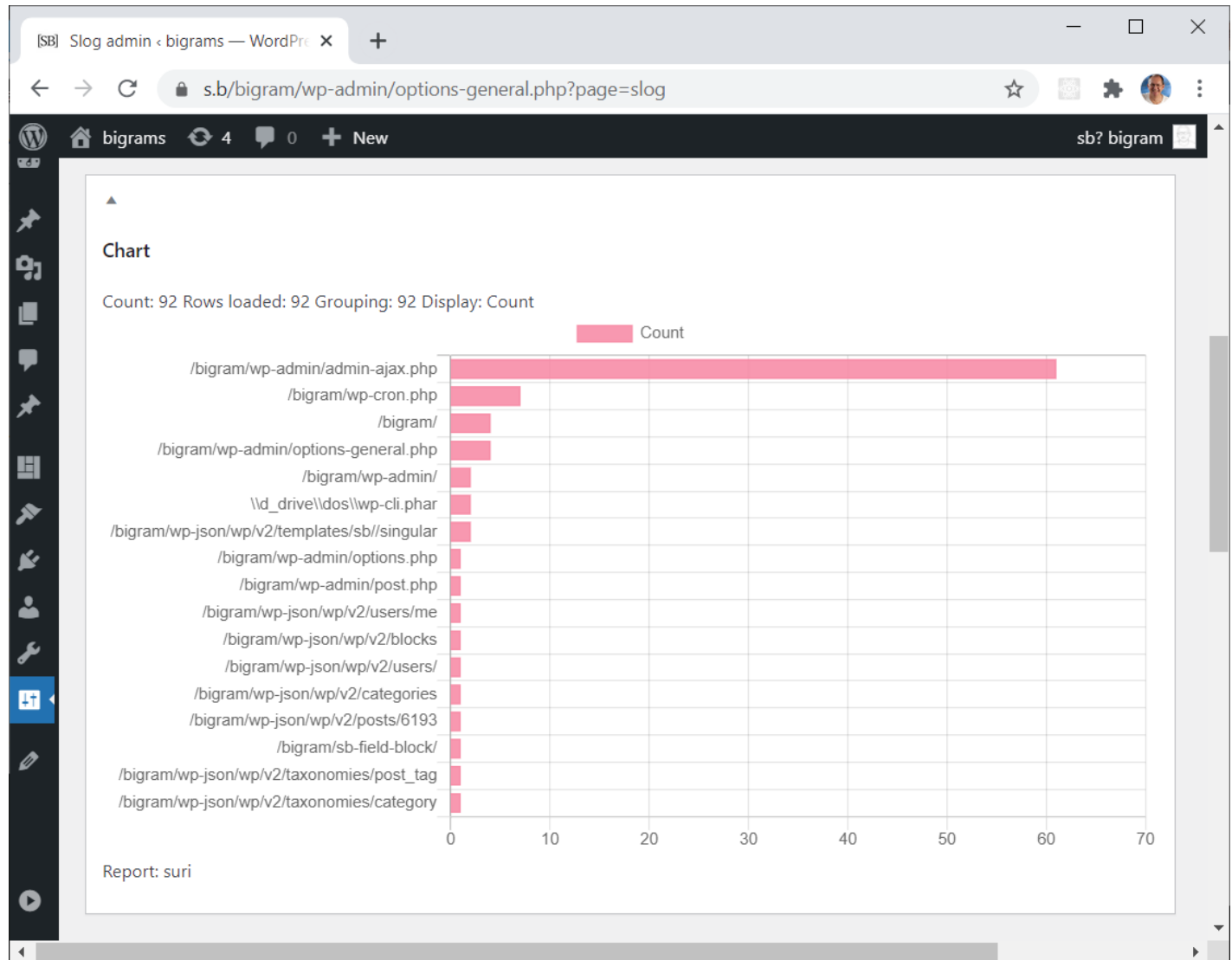
Documentation: <https://www.oik-plugins.com/oik-plugins/sb-chart-block/>



Slog: Reports

Post process daily trace reports

- Reports
- Compare
- Download
- Filter
- Driver
- Settings



WordPress Plugin:

GitHub repo: <https://github.com/bobbingwide/slog>

Documentation: <https://www.oik-plugins.com/oik-plugins/slog>



Slog: Driver

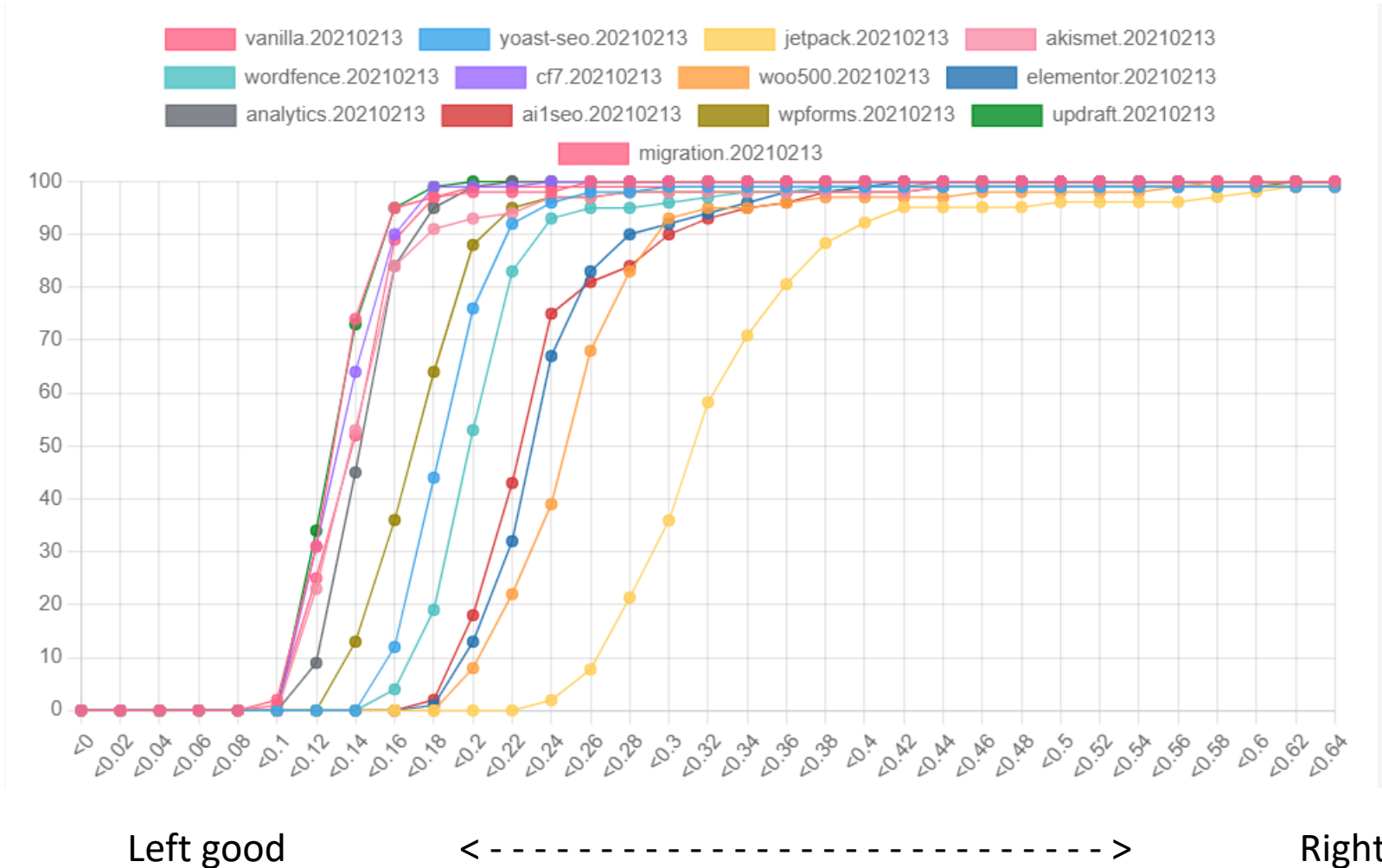
WordPress admin interface for Slog Driver. The browser address bar shows the URL: `https://cwiccer.com/wp-admin/admin.php?page=slog&tab=driver`. The user is logged in as Herb.

The Slog Driver interface includes the following components:

- Navigation Tabs:** Reports, Compare, Download, Filter, Driver (selected), Settings.
- Driver Configuration:**
 - URL: `https://cwiccer.com`
 - Requests: `10`
 - Run requests button
- Results:**
 - 1. 0.928 https://cwiccer.com/ 200 108126
 - 2. 0.242 https://cwiccer.com/ 200 108126
 - 3. 0.304 https://cwiccer.com/ 200 108126
 - 4. 0.253 https://cwiccer.com/ 200 108126
 - 5. 0.244 https://cwiccer.com/ 200 108126
 - 6. 0.272 https://cwiccer.com/ 200 108126
 - 7. 0.251 https://cwiccer.com/ 200 108126
 - 8. 0.226 https://cwiccer.com/ 200 108126
 - 9. 0.270 https://cwiccer.com/ 200 108126
 - 10. 0.218 https://cwiccer.com/ 200 108126



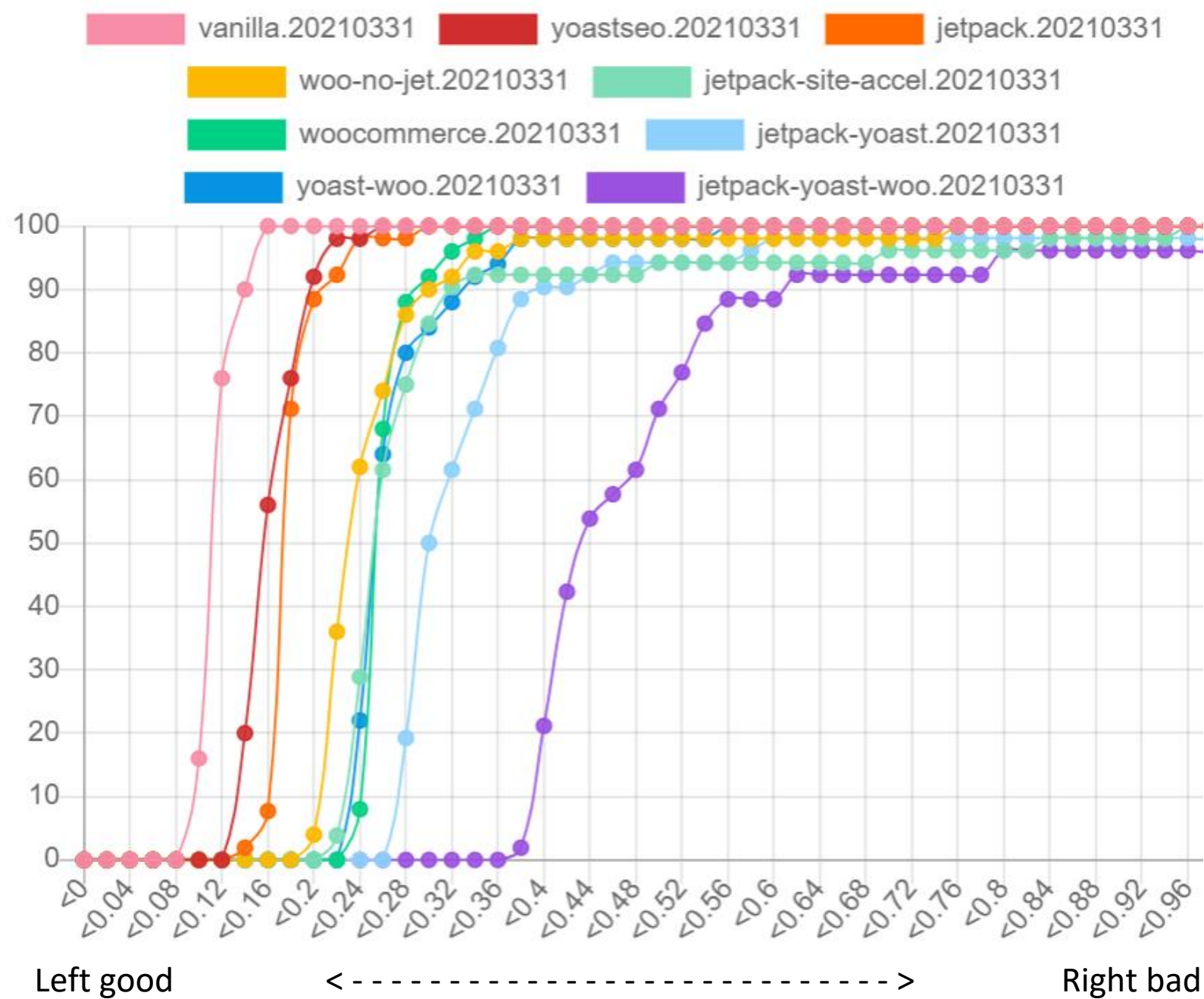
Slog: Compare



<https://herbmiller.me/slog-bloat/> - for the interactive version
<https://top-10-wp-plugins.com/> - for latest **Top 10** by total downloads and other charts



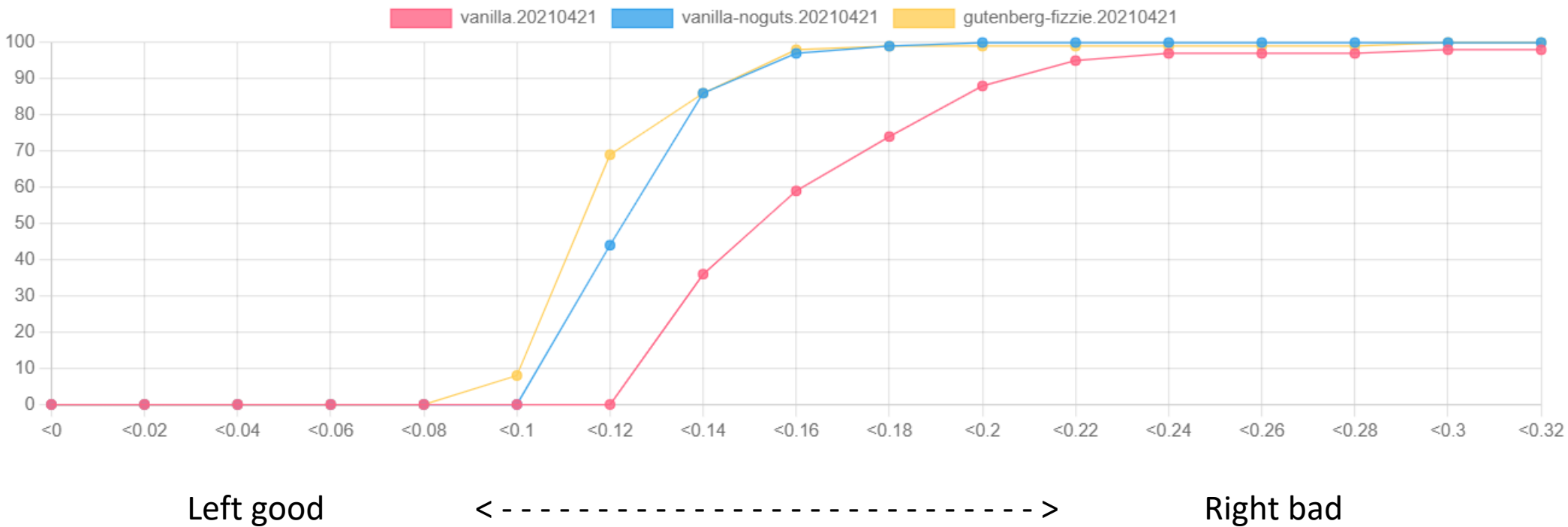
Slog: Woo Jet Yoast



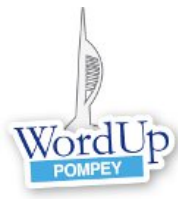


Slog: Full Site Editing

Preliminary server performance results with the Fizzie experimental Full Site Editing theme, versus Twenty Twenty, with / without Gutenberg 10.4.



This was a flawed test!



Slog: Yoast meta description

| ID | Title | Yoast SEO Meta Description |
|------|--|----------------------------|
| 1403 | SB Chart block v0.3.0 | |
| 1390 | cookies shortcode | |
| 1383 | SG Deploy of staging to live | |
| 1379 | Staging site or Live site? | |
| 1340 | Rubber duck debugging | |
| 1329 | Stacked Bars | |
| 1320 | Vis chart | |
| 1314 | SB Chart block test | |
| 1305 | SLB test | |
| 1290 | Elementor #1290 | |

Table of posts showing ID,title and Yoast SEO meta description, ordered by date descending – as on home page.

This was an incomplete test to determine whether or not the site runs faster when each post has a Yoast SEO Meta Description.

The test case didn't create the scenario that I had previously noted.

What was missing was a post or posts that take a long time to display, due having to output complex results, and finding the `post_content` filters being run more than once.

Once to satisfy Yoast SEO, then again to display the actual content.

For reference



oik-bwtrace



SB-chart-block



Slog

WordPress Plugin: <https://wordpress.org/plugins>

GitHub repo: <https://github.com/bobbingwide>

Documentation: <https://www.oik-plugins.com/oik-plugins>

These slides: <https://herbmiller.me/does-my-site-run-slow-with-this/>

<https://www.wp-pompey.org.uk/wp-content/uploads/2020/05/oik-bwtrace-lightning-talk-20-May-2020-v0.0.0.pdf>

<https://www.youtube.com/watch?v=4zApqLtPNUk>