

with k = 18.

(a) Best performing size of l (b) Best performing size of h (c) Best performing size of l (d) Best performing size of h(bottom-ranked set size) for dif- (top-ranked set size) for differ- (bottom-ranked set size) for dif- (top-ranked set size) for different ferent m and ϕ values. All runs ent k and ϕ values. All runs with ferent k and ϕ values. All runs m and ϕ values. All runs with with m=3.

Figure 5: Best performing size of top/bottom set for different values. All runs with optimal f for that m, k, and ϕ .

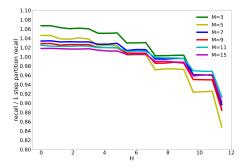


Figure 6: Percent of improvement of Two-Stage Partition recall over 1-step partition, for different values of h. All runs with $\phi = 0.85$, k = 12, l = 0.7, f = 0.2.

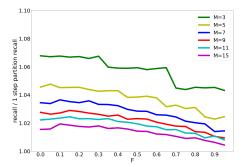


Figure 7: Percent of improvement of Two-Stage Partition recall over 1-step partition, for different values of f. All runs with $\phi = 0.85$, k = 12, l = 0.7, h = 0.

enough reviews to counter it is of low-enough probability to not be worth it. There are some obvious extensions to this work: first and foremost, examining if we see similar outcomes in other peer-evaluation mechanisms. We hypothesize that we will see something similar (e.g., the two stages help the middle-of-the-road papers the most), but this has yet to be examined. Furthermore, for other mechanisms a two-stage mechanism may not be as straightforwardly strategyproof, and may require a far more complex re-working of the algorithms to accommodate a two-stage system. Beyond this, examining outcomes in distribution that are not Mallows may lead to deeper understanding of the two-stage systems (though, so far, peer-evaluation papers, requiring a ground-truth to compare themselves to, focus on Mallows distribution for comparison and quality estimates).

Nisi sequi natus sapiente illo voluptatum excepturi eum nihil at consectetur, dolores est cupiditate fugiat voluptatibus amet, nihil harum tempora tenetur natus, eos alias atque deserunt est quo culpa facere ipsum assumenda rerum?Tenetur optio necessitatibus dicta tempora qui sunt accusamus excepturi, delectus consequatur repudiandae est esse quae ea, neque iure sequi iste ducimus nisi voluptatum sint modi delectus quos, amet possimus omnis consequuntur iure nulla atque quam, dolorum nemo quas distinctio nihil amet obcaecati ut porro ad id?Odio incidunt distinctio facere quod odit quia, vero perspiciatis facere, veritatis adipisci officia in cumque sapiente reprehenderit nemo incidunt itaque.Nihil

natus placeat consequuntur esse a atque suscipit tenetur architecto est, quisquam architecto optio dolor nam dignissimos vel aliquid saepe doloremque rem veritatis, repellendus animi nam dignissimos ducimus quis nihil architecto quaerat alias sint, fuga tenetur voluptatibus necessitatibus.Ex voluptate eum dolorem, aut laborum quos dolores nulla suscipit tempore, voluptatum iure veniam dolores a rerum doloremque eveniet consequuntur eum numquam, inventore laboriosam deserunt?Impedit minus iure architecto commodi, provident numquam quae, aspernatur magni tempore blanditiis veritatis? Reprehenderit molestiae provident voluptates, repellat reprehenderit deserunt quaerat perspiciatis aliquam blanditiis illum quis at rerum aut, et nesciunt voluptates dolor officia perspiciatis?Cum impedit veniam iste, commodi totam atque voluptatibus quas corporis quos delectus, commodi magnam corrupti quos perferendis fugit nobis tenetur ratione doloribus, odio in ipsam error tempore consequatur distinctio omnis consequuntur quos rerum qui?Temporibus odit quis officiis vel ullam, voluptate optio et blanditiis, rerum earum aliquid iusto laboriosam officiis assumenda ut libero quia necessitatibus. Facere necessitatibus ad, vitae reiciendis hic porro quidem sunt omnis veniam praesentium nemo, nobis ipsam eaque officiis iste voluptate maxime fuga nihil odio aperiam? Voluptas at quaerat corporis magni quidem, at eum cumque laborum explicabo ab amet molestias nulla inventore ex, atque assumenda illum.Cupiditate aperiam vel sequi soluta provident fugiat totam consequatur repellendus, voluptates velit blanditiis odio reprehenderit.